

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036182.D
 Acq On : 16 Jun 2023 14:00
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 14:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	185215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	323887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	301994	89.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 178.440%#			
35) Dibromofluoromethane	5.385	113	203221	92.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 185.060%#			
50) Toluene-d8	8.647	98	740122	92.124	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 184.240%#			
62) 4-Bromofluorobenzene	11.079	95	314610	97.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 194.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	226761	99.744	ug/l	100
3) Chloromethane	1.294	50	227732	94.677	ug/l	97
4) Vinyl Chloride	1.374	62	228630	99.775	ug/l	100
5) Bromomethane	1.618	94	136954	97.229	ug/l	97
6) Chloroethane	1.685	64	143932	97.076	ug/l	99
7) Trichlorofluoromethane	1.886	101	372053	100.329	ug/l	99
8) Diethyl Ether	2.130	74	129413	93.759	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	211550	100.034	ug/l	98
10) Methyl Iodide	2.453	142	222375	101.982	ug/l	100
11) Tert butyl alcohol	2.995	59	252574	487.952	ug/l	98
12) 1,1-Dichloroethene	2.319	96	197357	98.691	ug/l	97
13) Acrolein	2.239	56	266960	464.571	ug/l	100
14) Allyl chloride	2.660	41	407895	100.807	ug/l	97
15) Acrylonitrile	3.069	53	633784	478.797	ug/l	99
16) Acetone	2.392	43	612636	483.685	ug/l	99
17) Carbon Disulfide	2.514	76	518265	104.850	ug/l	98
18) Methyl Acetate	2.703	43	510884	95.791	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	751912	96.049	ug/l	99
20) Methylene Chloride	2.788	84	223506	87.725	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	214063	96.344	ug/l	94
22) Diisopropyl ether	3.757	45	782247	97.150	ug/l	95
23) Vinyl Acetate	3.721	43	2923759	512.335	ug/l	100
24) 1,1-Dichloroethane	3.611	63	427548	96.105	ug/l	100
25) 2-Butanone	4.562	43	937957	476.496	ug/l	99
26) 2,2-Dichloropropane	4.477	77	368040	106.384	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	247702	97.493	ug/l	96
28) Bromochloromethane	4.898	49	224448	96.782	ug/l	97
29) Tetrahydrofuran	5.007	42	607904	486.234	ug/l	98
30) Chloroform	5.093	83	447156	95.438	ug/l	99
31) Cyclohexane	5.471	56	373793	102.945	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	406805	102.412	ug/l	99
36) 1,1-Dichloropropene	5.690	75	328053	101.398	ug/l	99
37) Ethyl Acetate	4.715	43	371128	98.459	ug/l	99
38) Carbon Tetrachloride	5.678	117	338905	107.757	ug/l	97
39) Methylcyclohexane	7.379	83	377865	108.445	ug/l	95
40) Benzene	6.038	78	902723	99.221	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036182.D
 Acq On : 16 Jun 2023 14:00
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 16 14:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	213972	102.962	ug/l	98
42) 1,2-Dichloroethane	6.086	62	404927	98.795	ug/l	99
43) Isopropyl Acetate	6.342	43	610216	105.782	ug/l	99
44) Trichloroethene	7.123	130	224172	98.601	ug/l	91
45) 1,2-Dichloropropane	7.434	63	237898	98.354	ug/l	98
46) Dibromomethane	7.580	93	170462	98.927	ug/l	98
47) Bromodichloromethane	7.824	83	349236	105.572	ug/l	97
48) Methyl methacrylate	7.690	41	312197	105.486	ug/l	98
49) 1,4-Dioxane	7.708	88	101451	2047.349	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	1849362	507.725	ug/l	99
52) Toluene	8.720	92	572651	100.532	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	389525	97.479	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	402183	97.062	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	234171	99.581	ug/l	95
56) Ethyl methacrylate	9.116	69	391177	96.361	ug/l	94
57) 1,3-Dichloropropane	9.305	76	412727	98.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1005521	513.566	ug/l	98
59) 2-Hexanone	9.433	43	1386293	511.934	ug/l	98
60) Dibromochloromethane	9.519	129	248873	108.430	ug/l	100
61) 1,2-Dibromoethane	9.610	107	251440	102.549	ug/l	100
64) Tetrachloroethene	9.275	164	186080	98.588	ug/l	99
65) Chlorobenzene	10.079	112	604664	96.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	225777	104.077	ug/l	99
67) Ethyl Benzene	10.195	91	1146104	102.086	ug/l	99
68) m/p-Xylenes	10.299	106	855929	202.074	ug/l	98
69) o-Xylene	10.640	106	420986	100.738	ug/l	96
70) Styrene	10.653	104	719611	103.344	ug/l	97
71) Bromoform	10.799	173	167560	96.143	ug/l #	99
73) Isopropylbenzene	10.963	105	1125083	103.835	ug/l	99
74) N-amyl acetate	10.842	43	528884	108.016	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	358711	96.685	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	356787m	98.324	ug/l	
77) Bromobenzene	11.195	156	253810	99.980	ug/l	94
78) n-propylbenzene	11.305	91	1365452	107.123	ug/l	99
79) 2-Chlorotoluene	11.366	91	832798	103.875	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	983200	106.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	114636	96.646	ug/l	96
82) 4-Chlorotoluene	11.451	91	972025	104.056	ug/l	98
83) tert-Butylbenzene	11.713	119	946735	107.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	983831	106.905	ug/l	99
85) sec-Butylbenzene	11.890	105	1205070	110.338	ug/l	100
86) p-Isopropyltoluene	12.012	119	1017827	110.769	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	479660	99.077	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	485269	99.353	ug/l	99
89) n-Butylbenzene	12.335	91	934606	113.971	ug/l	99
90) Hexachloroethane	12.536	117	171218	102.897	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	454246	95.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	89204	109.008	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	281835	104.637	ug/l	99
94) Hexachlorobutadiene	13.725	225	108950	102.322	ug/l	98
95) Naphthalene	13.774	128	1001525	107.799	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280691	103.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
Data File : VX036182.D
Acq On : 16 Jun 2023 14:00
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

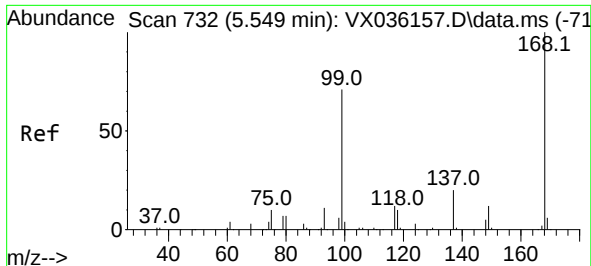
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 14:55:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 14:52:15 2023
Response via : Initial Calibration

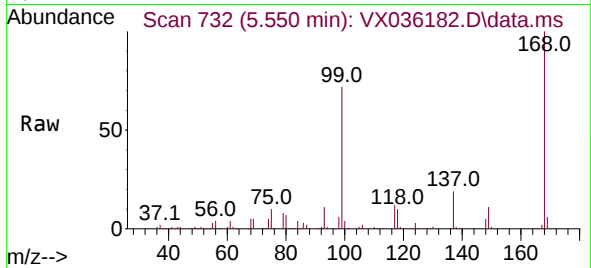
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

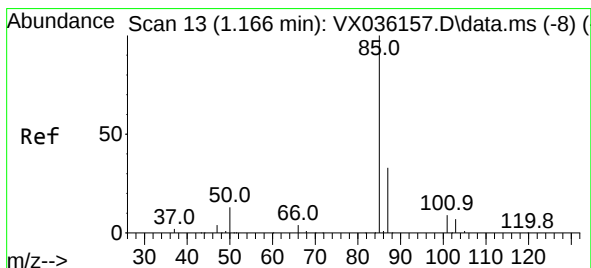
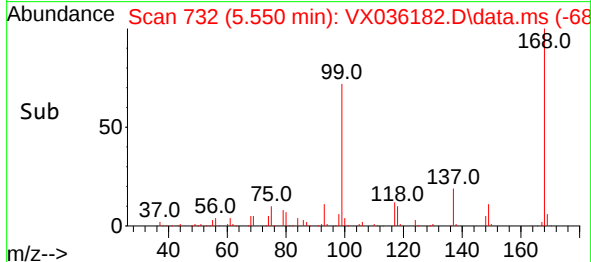
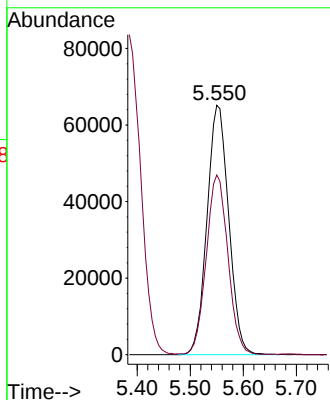
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 185215
Ion Ratio Lower Upper
168 100
99 71.9 56.6 85.0

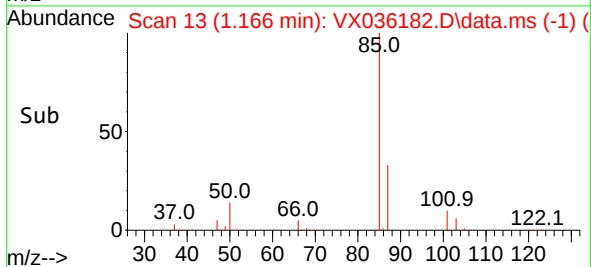
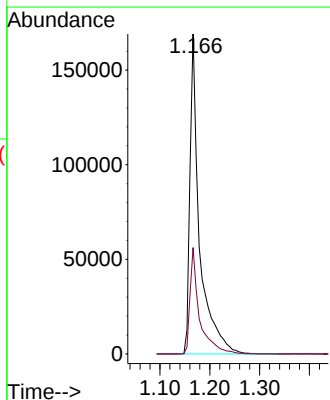
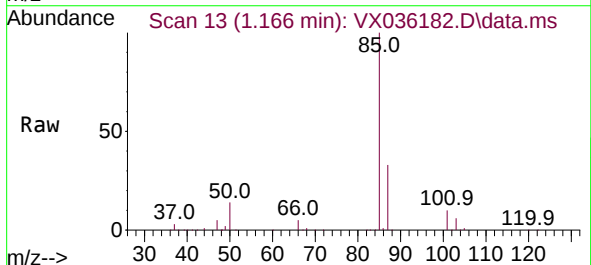
Manual Integrations
APPROVED

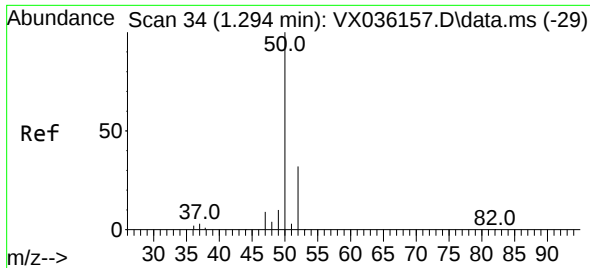
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 99.744 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 85 Resp: 226761
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





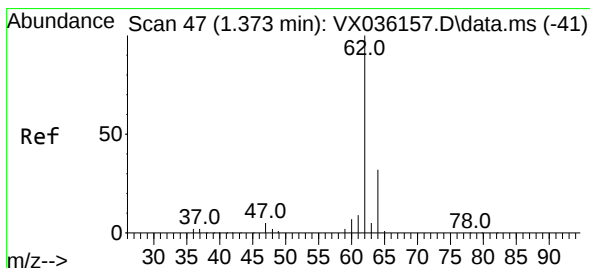
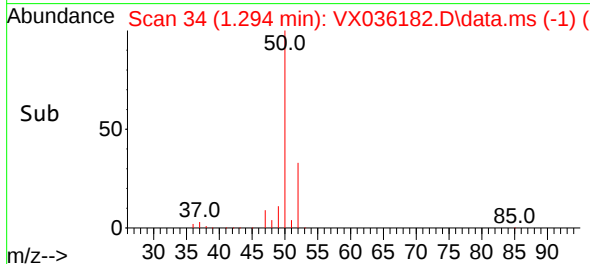
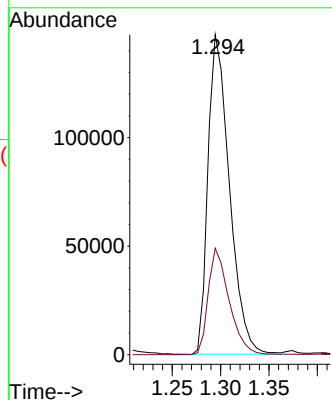
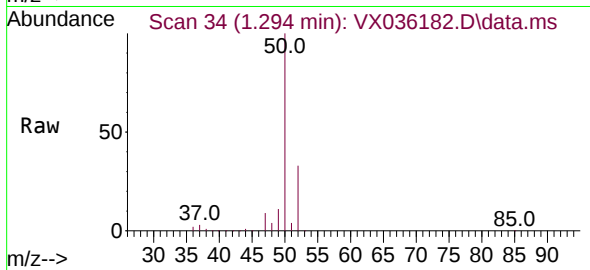
#3
Chloromethane
Concen: 94.677 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 22773
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

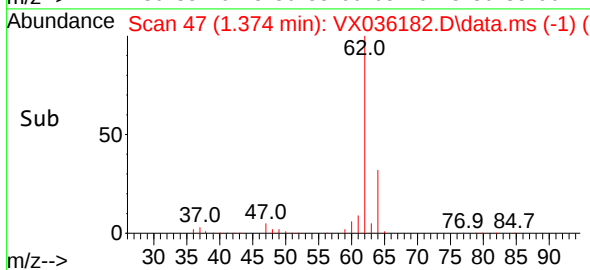
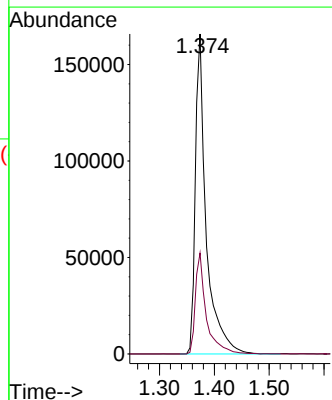
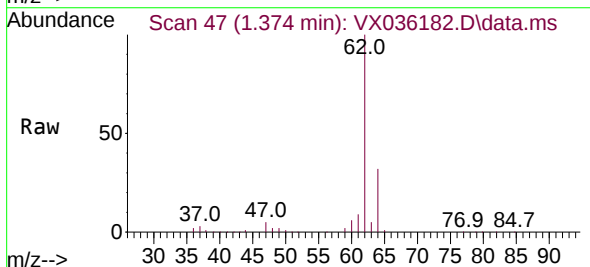
Manual Integrations
APPROVED

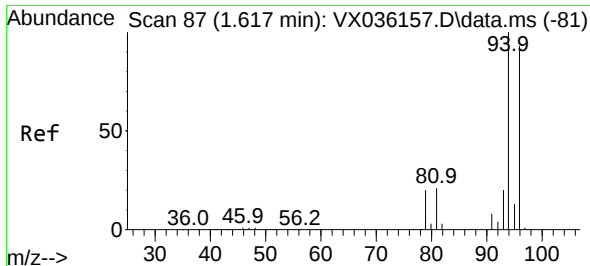
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#4
Vinyl Chloride
Concen: 99.775 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

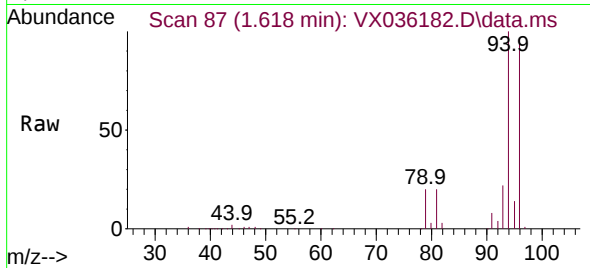
Tgt Ion: 62 Resp: 228630
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 97.229 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

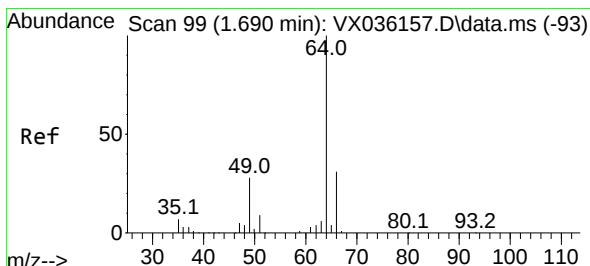
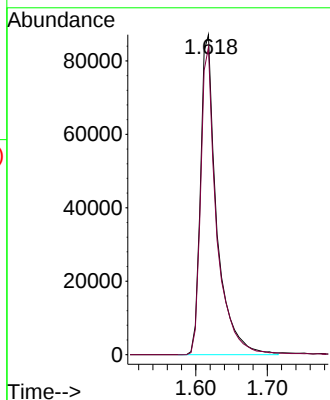
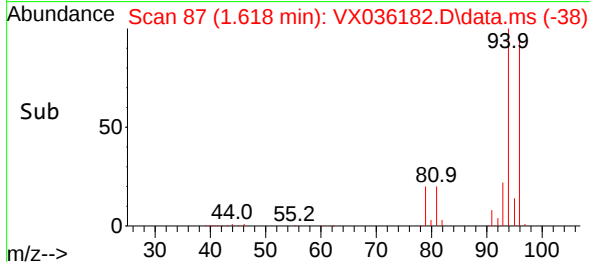
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 136954
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

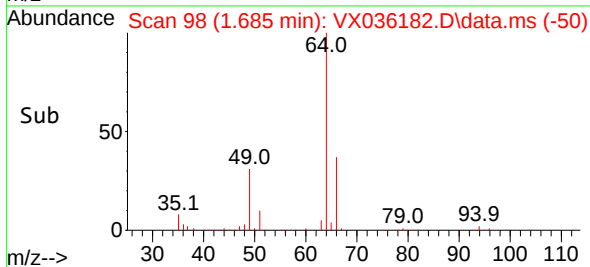
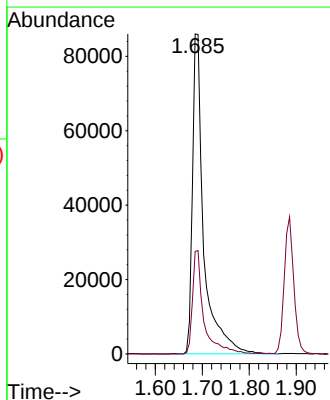
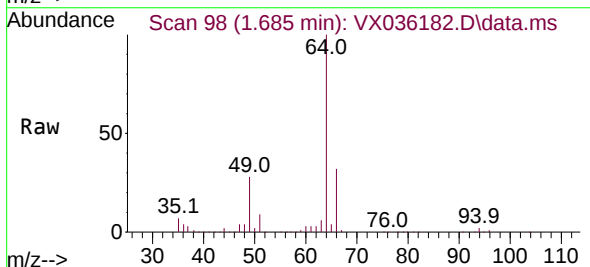
Manual Integrations
APPROVED

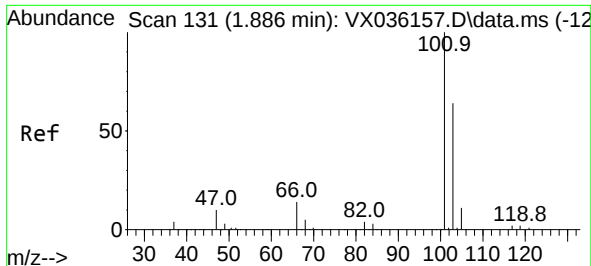
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#6
Chloroethane
Concen: 97.076 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.005 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

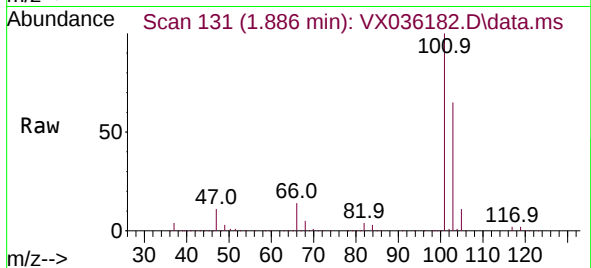
Tgt Ion: 64 Resp: 143932
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 100.329 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

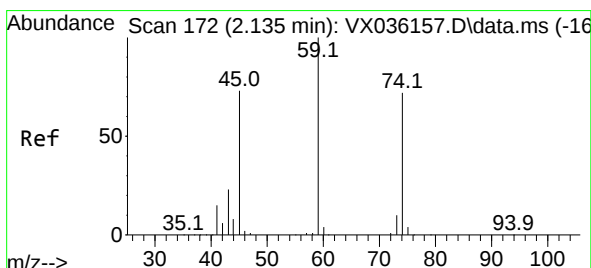
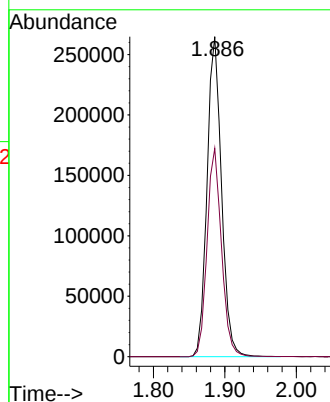
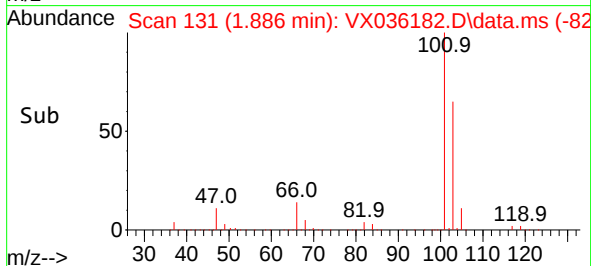
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



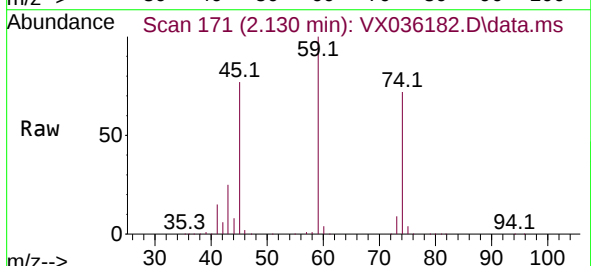
Tgt Ion:101 Resp: 37205
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

Manual Integrations
APPROVED

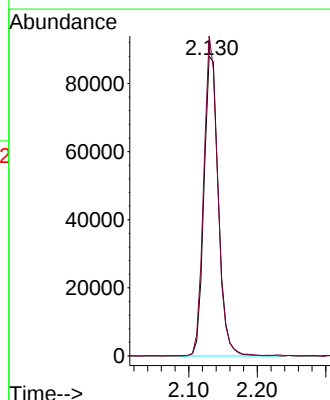
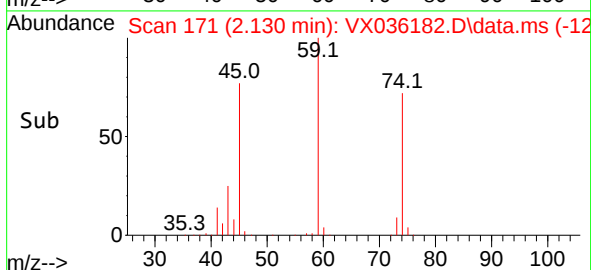
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

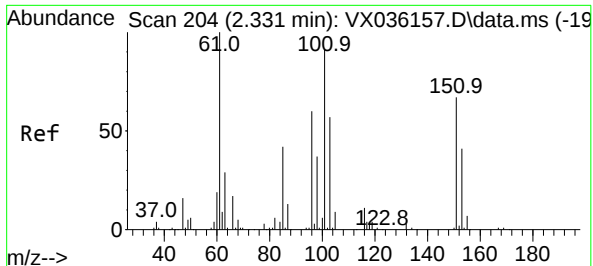


#8
Diethyl Ether
Concen: 93.759 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion: 74 Resp: 129413
Ion Ratio Lower Upper
74 100
45 103.5 53.3 159.8





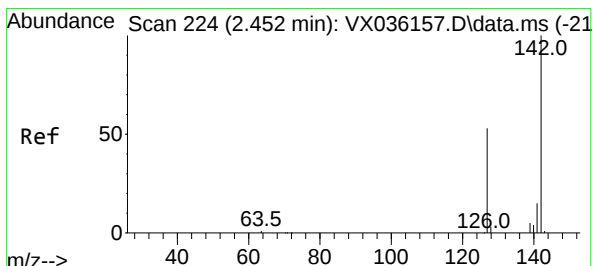
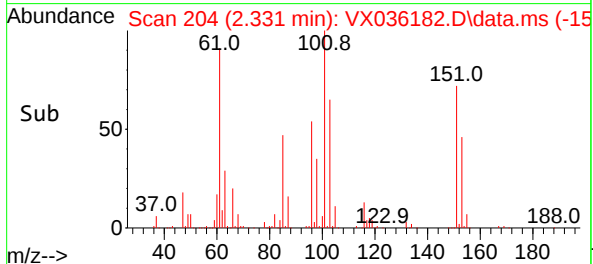
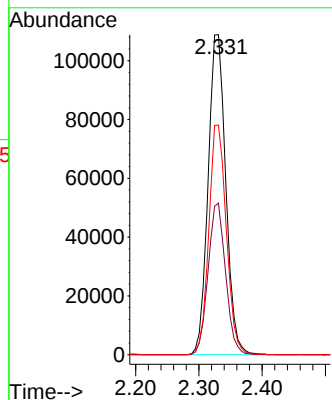
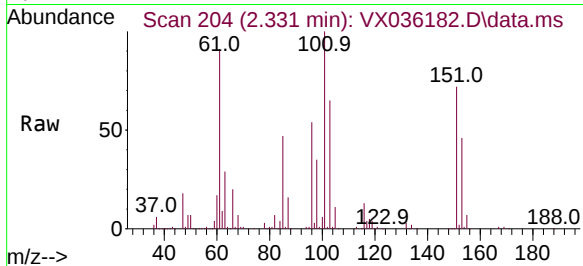
#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.034 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 211550
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 71.0 58.6 87.8

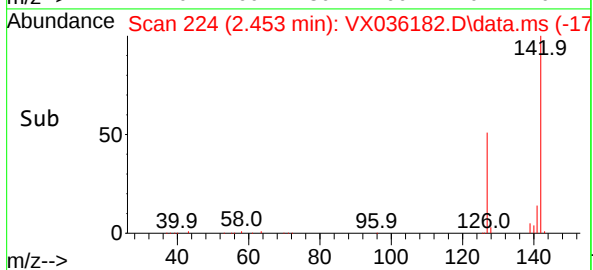
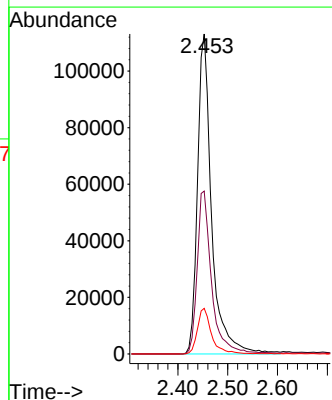
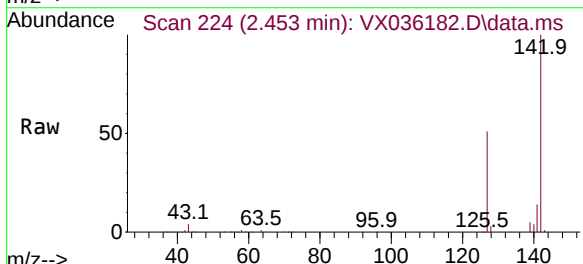
Manual Integrations
APPROVED

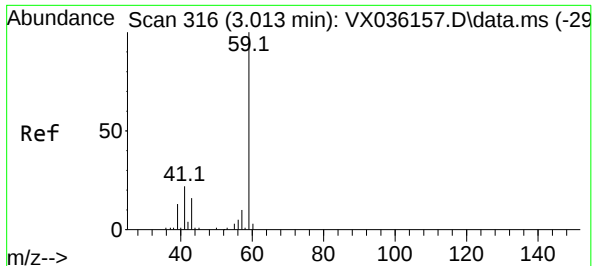
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 101.982 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion:142 Resp: 222375
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.3 11.6 17.4





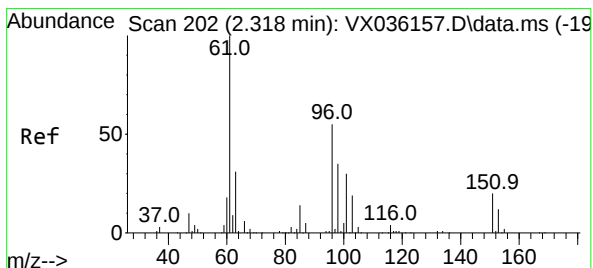
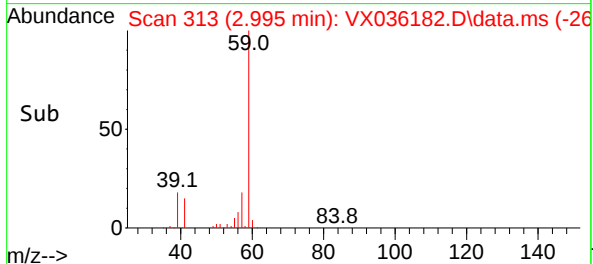
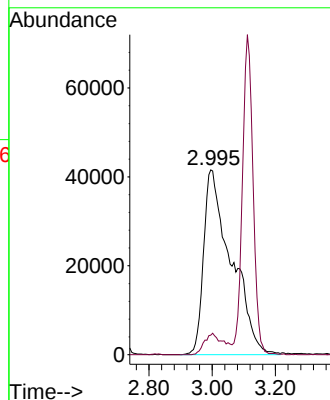
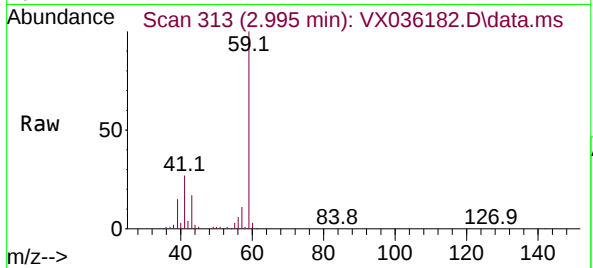
#11
Tert butyl alcohol
Concen: 487.952 ug/l
RT: 2.995 min Scan# 316
Delta R.T. -0.018 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 252574
Ion Ratio Lower Upper
59 100
57 8.1 6.0 9.0

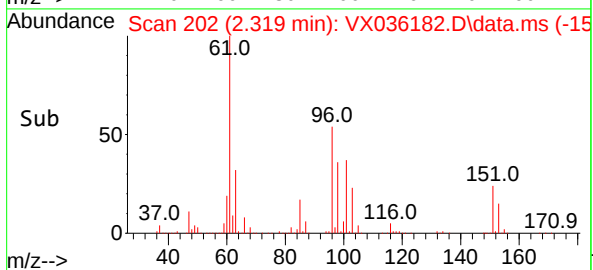
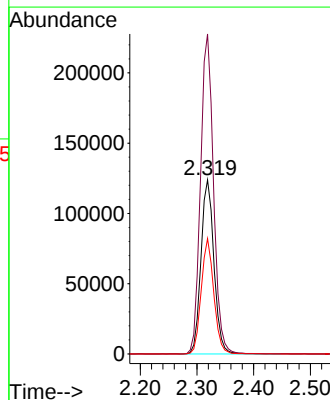
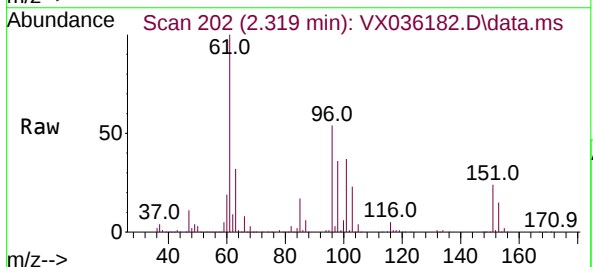
Manual Integrations
APPROVED

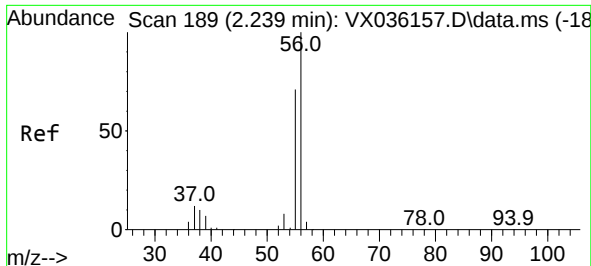
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 98.691 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 96 Resp: 197357
Ion Ratio Lower Upper
96 100
61 183.8 144.6 216.8
98 66.2 50.4 75.6





#13

Acrolein

Concen: 464.571 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 266960

Ion Ratio Lower Upper

56 100

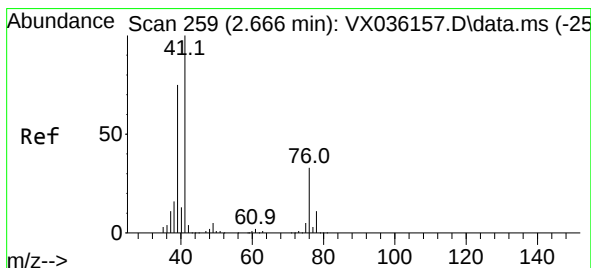
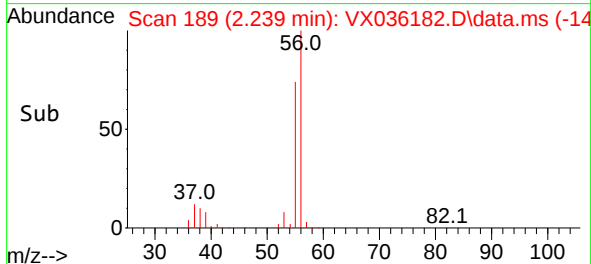
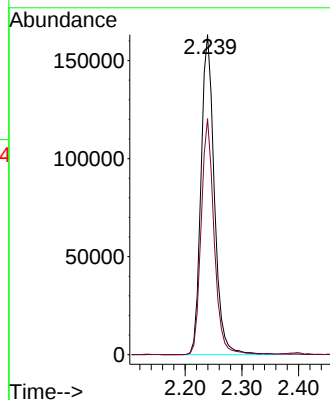
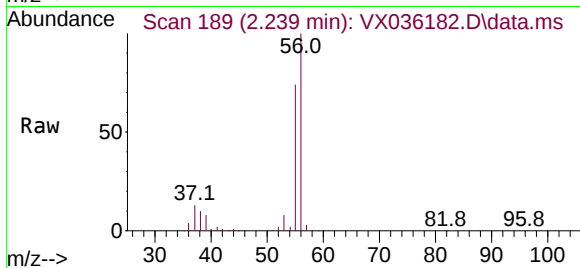
55 71.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#14

Allyl chloride

Concen: 100.807 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

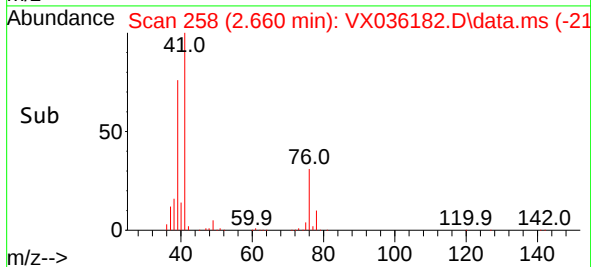
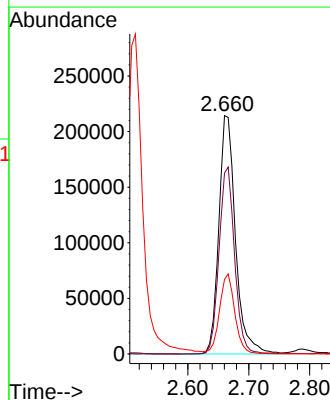
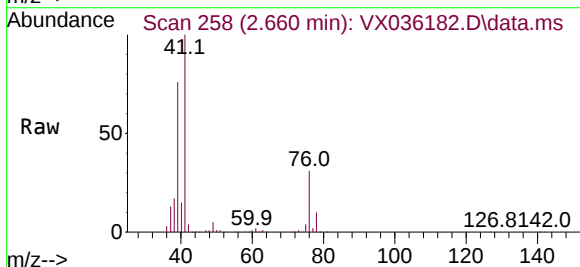
Tgt Ion: 41 Resp: 407895

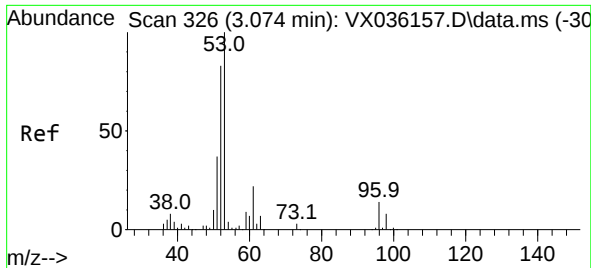
Ion Ratio Lower Upper

41 100

39 73.3 55.8 83.6

76 30.9 24.3 36.5





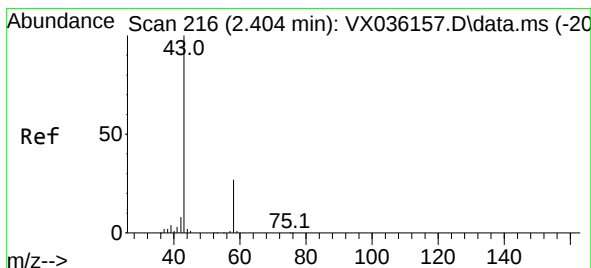
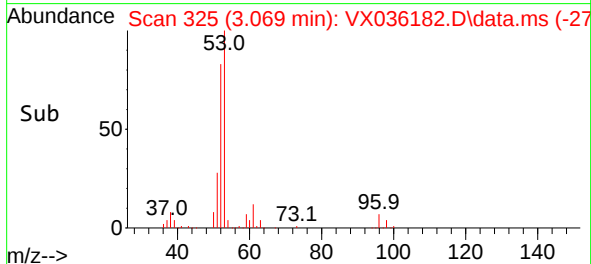
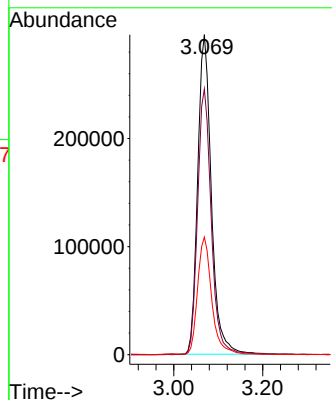
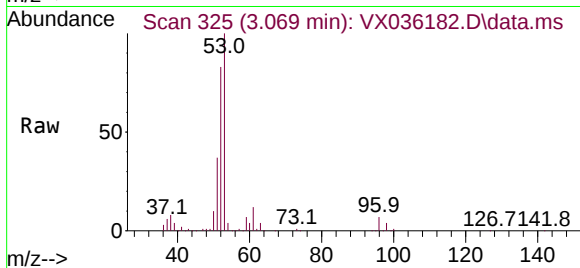
#15
Acrylonitrile
Concen: 478.797 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 633784
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 37.7 29.8 44.6

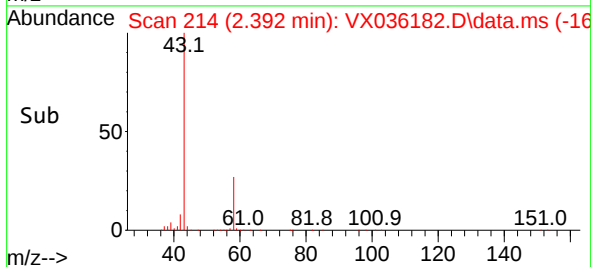
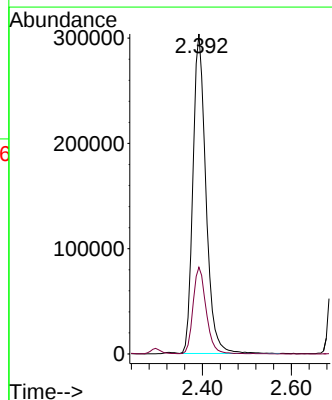
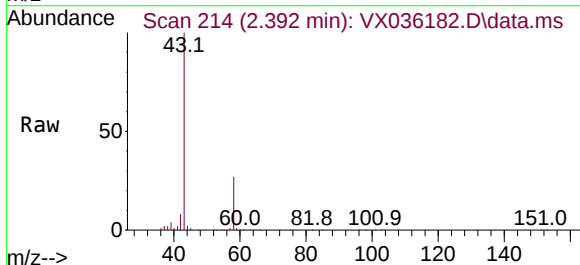
Manual Integrations
APPROVED

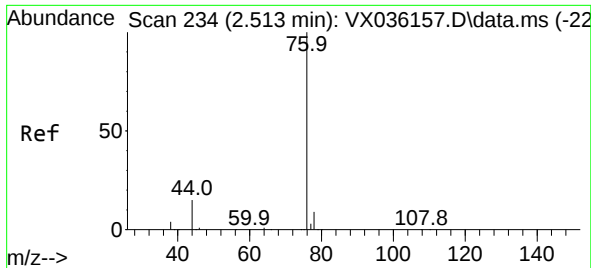
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 483.685 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 43 Resp: 612636
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9





#17

Carbon Disulfide

Concen: 104.850 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 51826

Ion Ratio Lower Upper

76 100

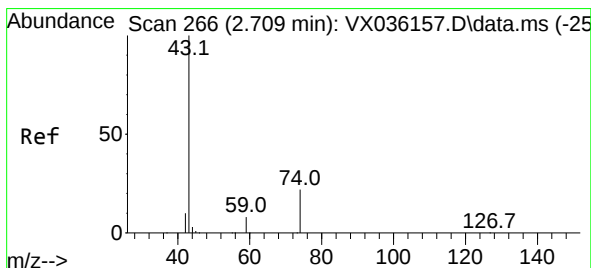
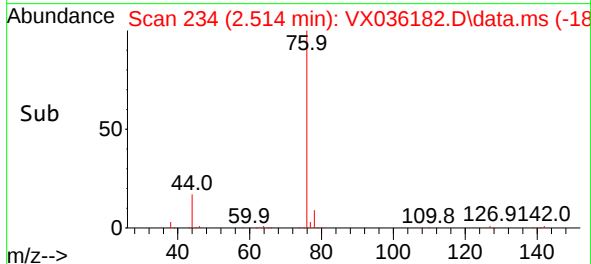
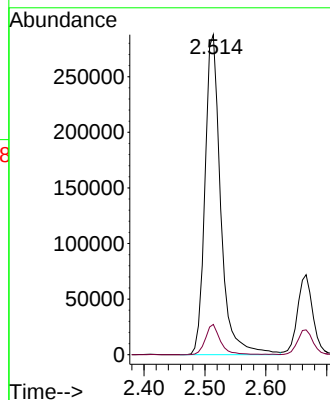
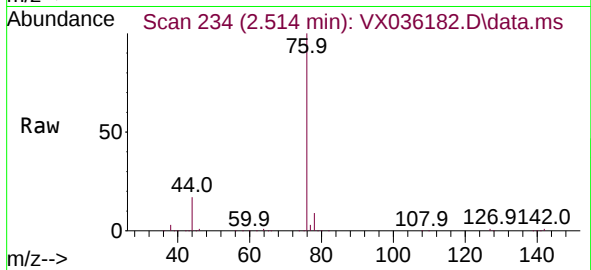
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#18

Methyl Acetate

Concen: 95.791 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036182.D

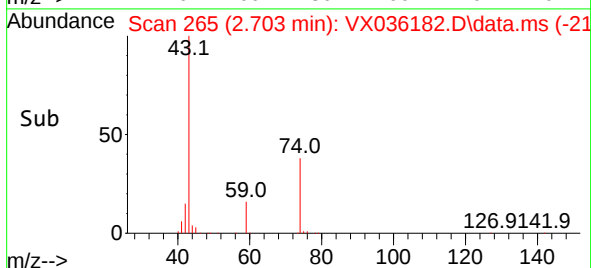
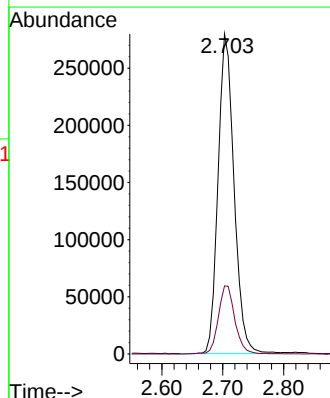
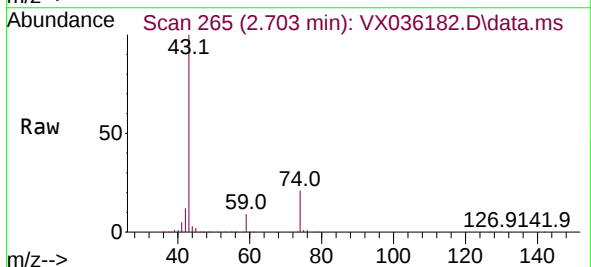
Acq: 16 Jun 2023 14:00

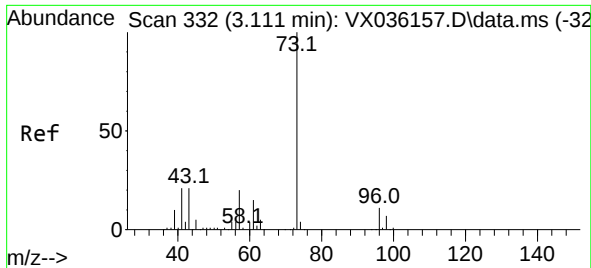
Tgt Ion: 43 Resp: 510884

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8





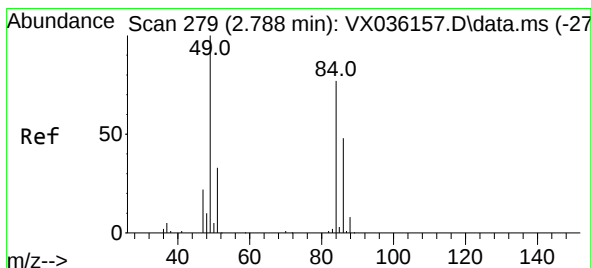
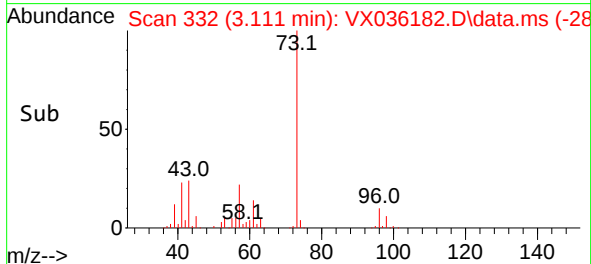
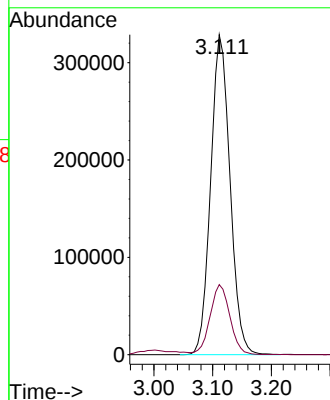
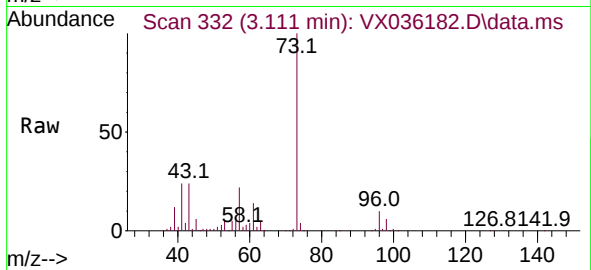
#19
Methyl tert-butyl Ether
Concen: 96.049 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 751912
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

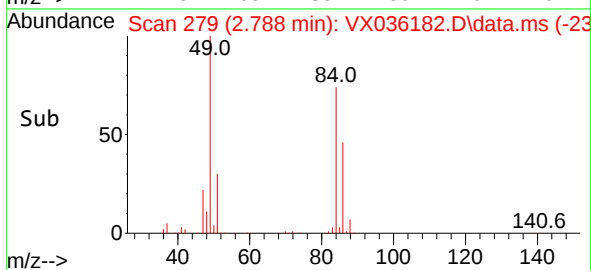
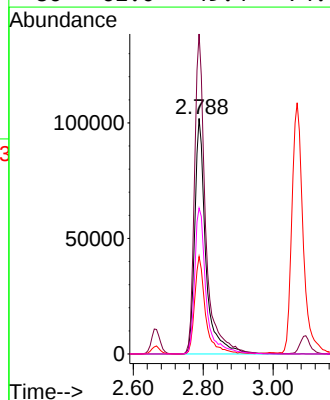
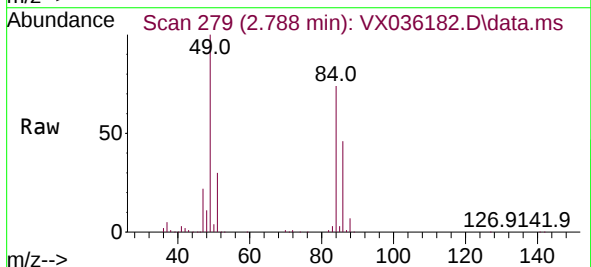
Manual Integrations
APPROVED

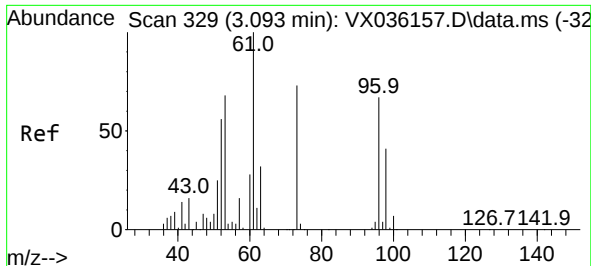
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 87.725 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

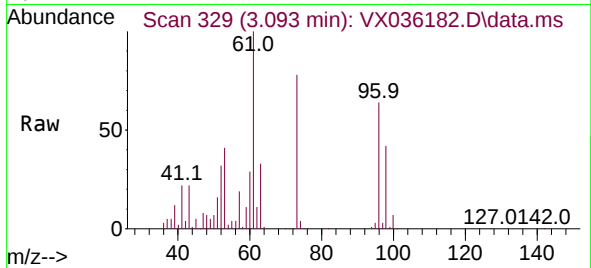
Tgt Ion: 84 Resp: 223506
Ion Ratio Lower Upper
84 100
49 135.9 103.6 155.4
51 41.3 33.8 50.6
86 62.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 96.344 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

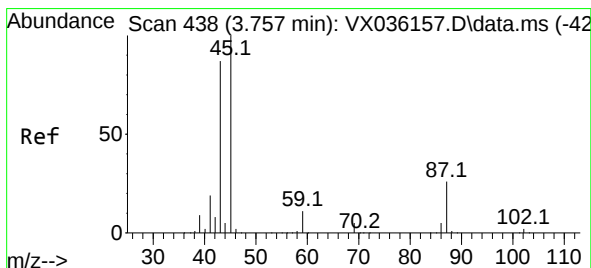
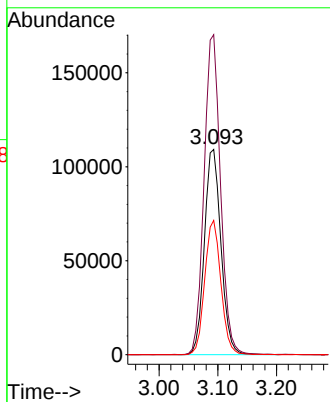
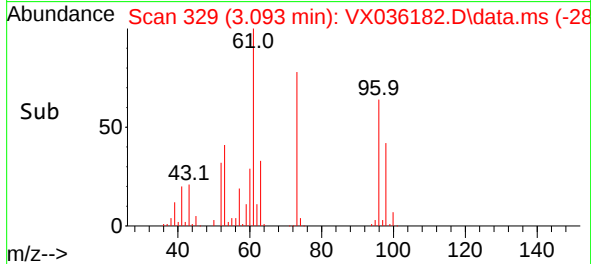
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



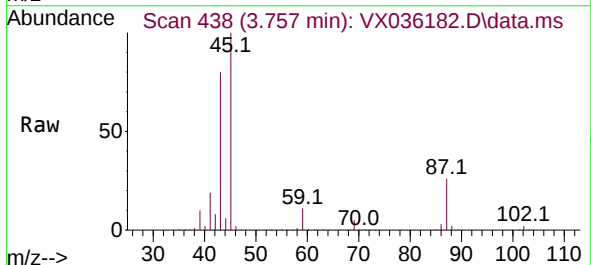
Tgt Ion: 96 Resp: 21406
Ion Ratio Lower Upper
96 100
61 155.8 119.2 178.8
98 65.4 48.7 73.1

Manual Integrations
APPROVED

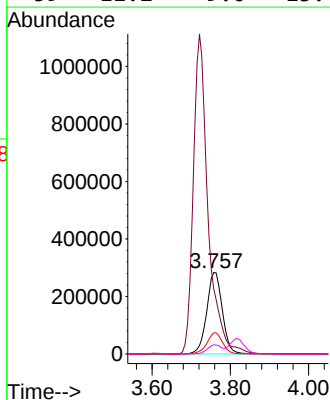
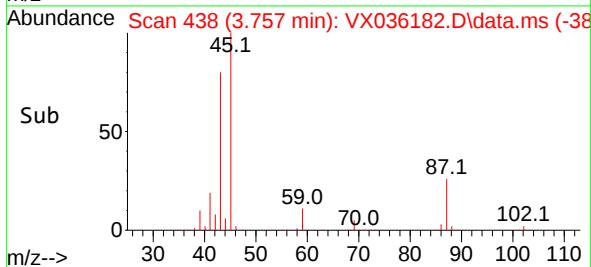
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

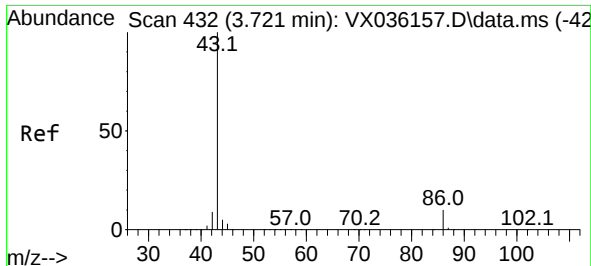


#22
Diisopropyl ether
Concen: 97.150 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



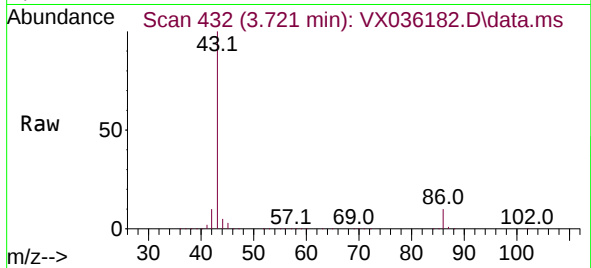
Tgt Ion: 45 Resp: 782247
Ion Ratio Lower Upper
45 100
43 80.0 69.7 104.5
87 26.1 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 512.335 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00

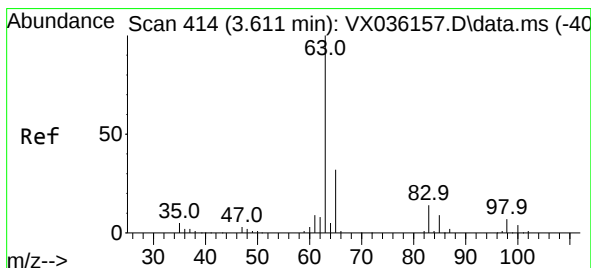
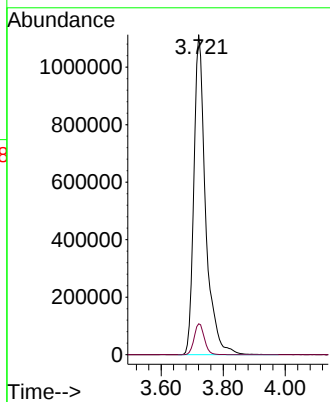
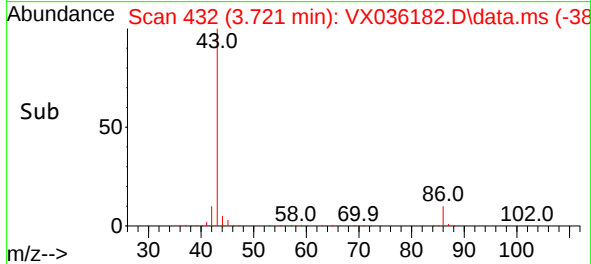
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



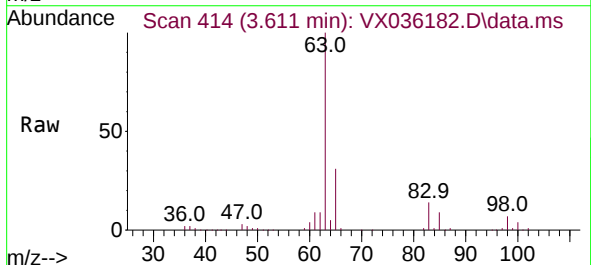
Tgt Ion: 43 Resp: 292375
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
 APPROVED

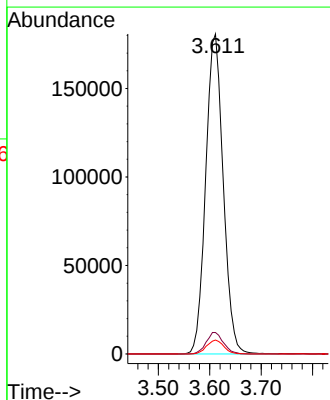
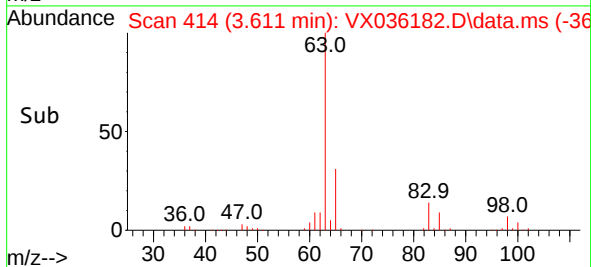
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

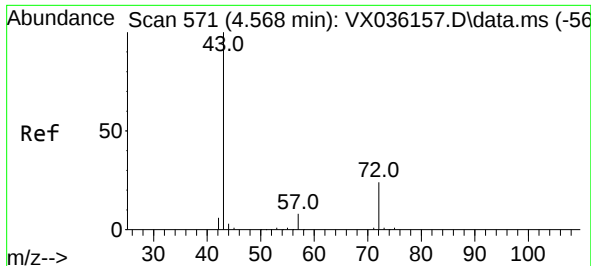


#24
 1,1-Dichloroethane
 Concen: 96.105 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00



Tgt Ion: 63 Resp: 427548
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5





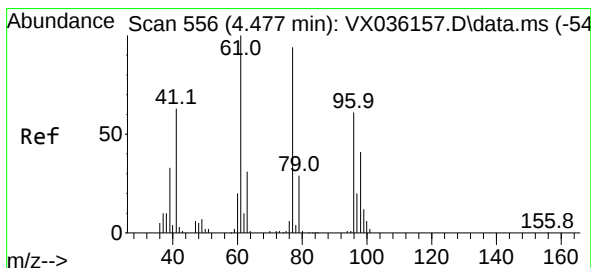
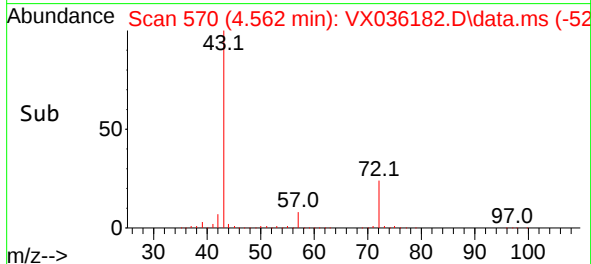
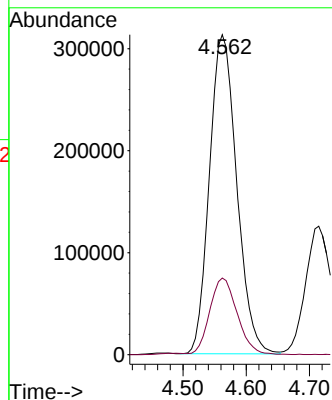
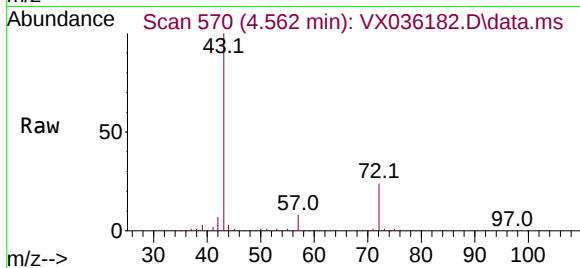
#25
2-Butanone
Concen: 476.496 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 93795
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

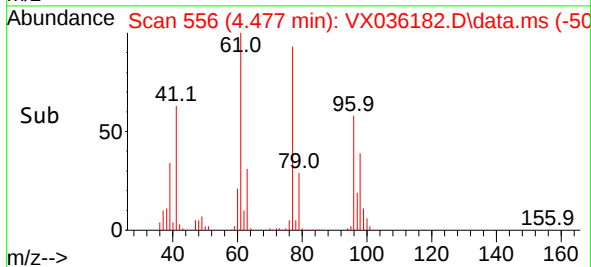
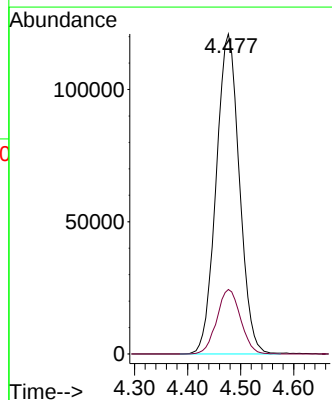
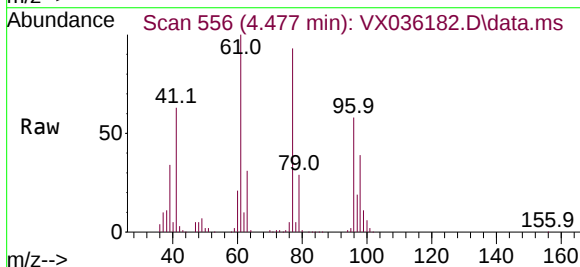
Manual Integrations
APPROVED

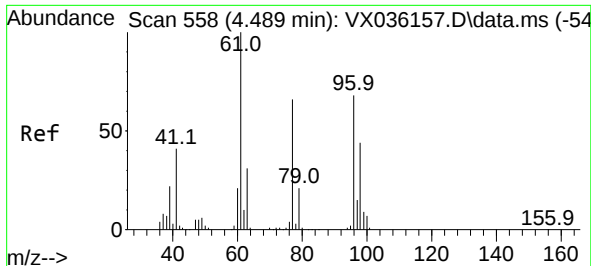
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 106.384 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 77 Resp: 368040
Ion Ratio Lower Upper
77 100
97 20.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 97.493 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 247702

Ion Ratio Lower Upper

96 100

61 162.5 0.0 312.2

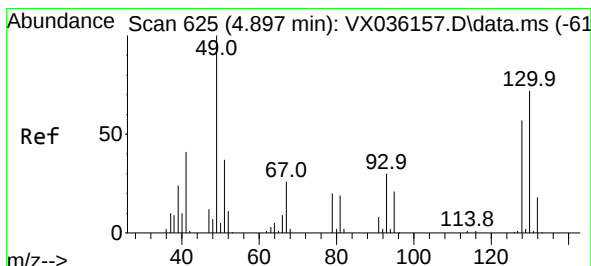
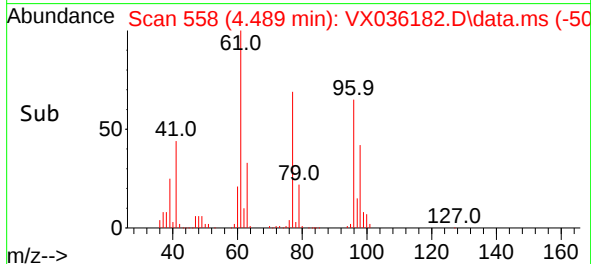
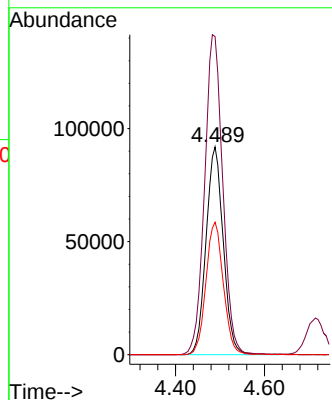
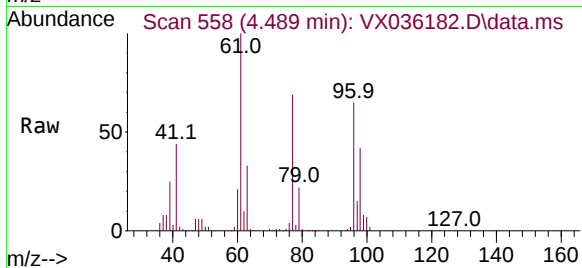
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#28

Bromochloromethane

Concen: 96.782 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

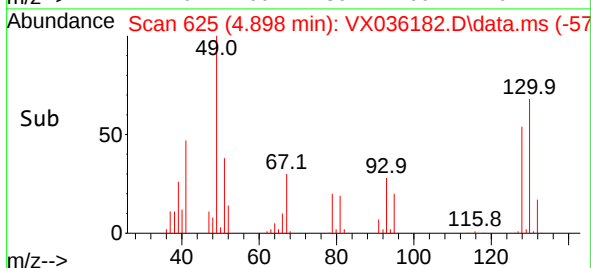
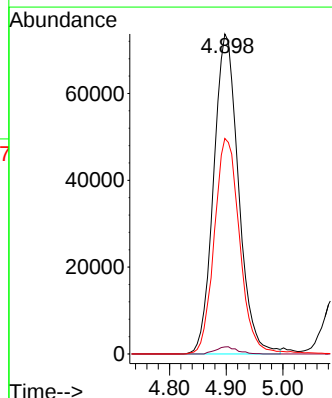
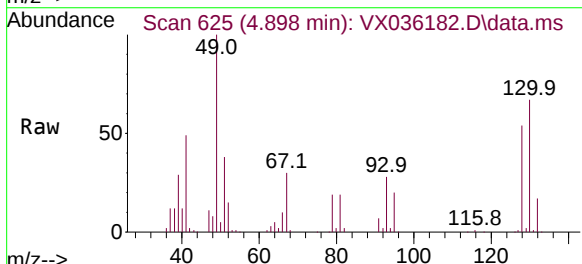
Tgt Ion: 49 Resp: 224448

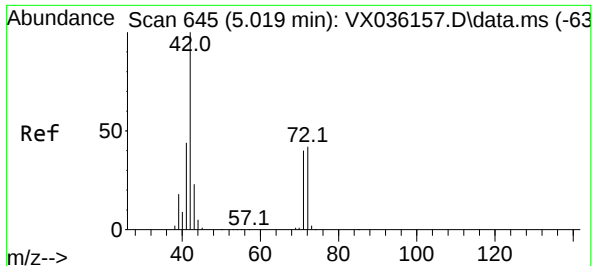
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 68.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 486.234 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 607904

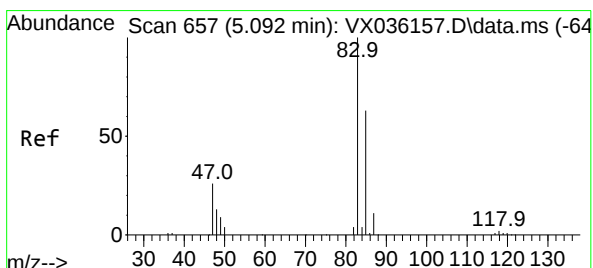
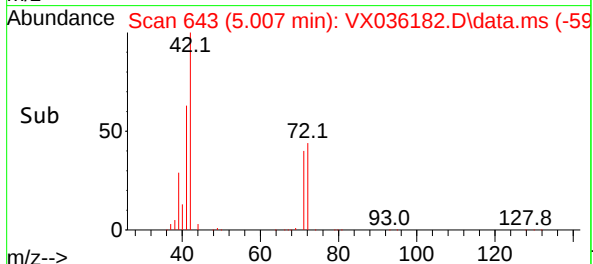
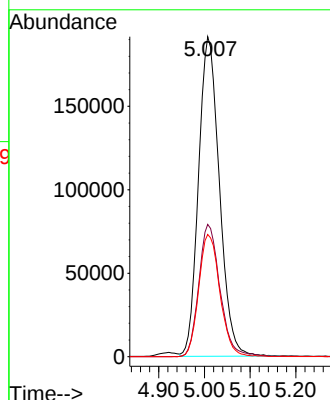
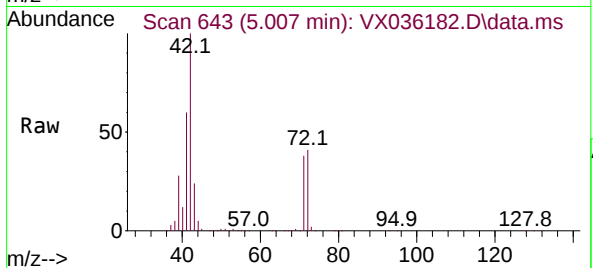
Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.4
71	38.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 95.438 ug/l

RT: 5.093 min Scan# 657

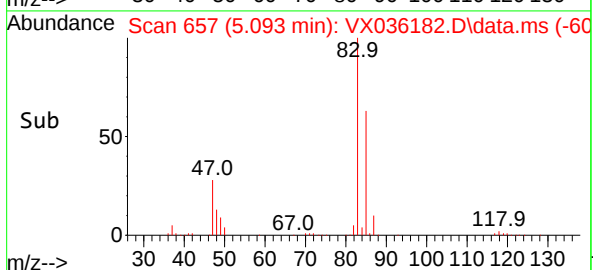
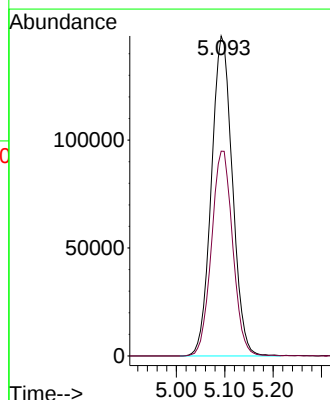
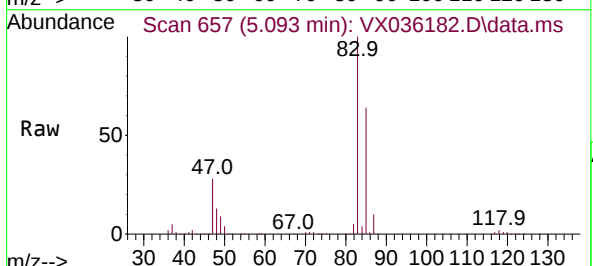
Delta R.T. 0.001 min

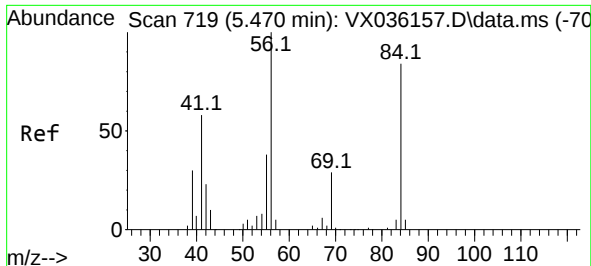
Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Tgt Ion: 83 Resp: 447156

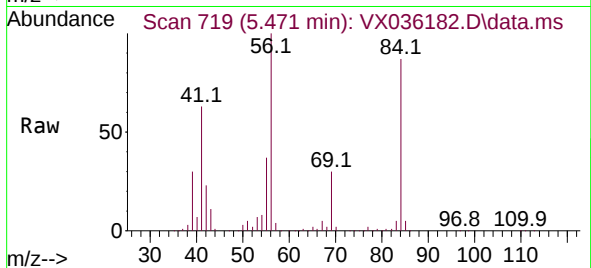
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





#31
Cyclohexane
Concen: 102.945 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

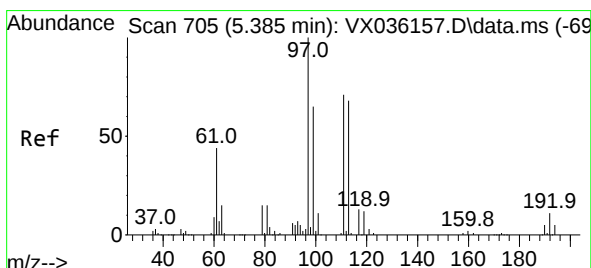
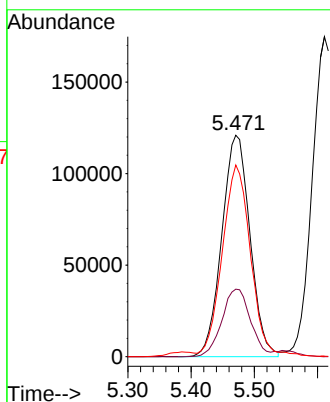
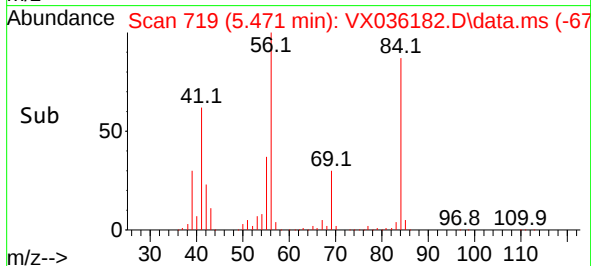
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



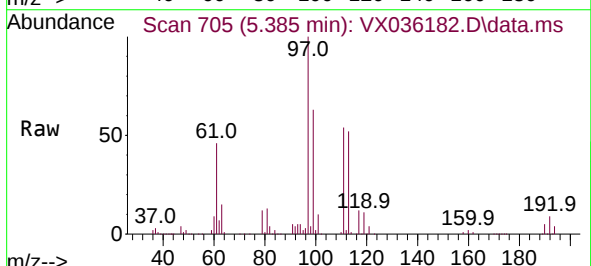
Tgt Ion: 56 Resp: 37379
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.2
84 84.7 65.9 98.9

Manual Integrations
APPROVED

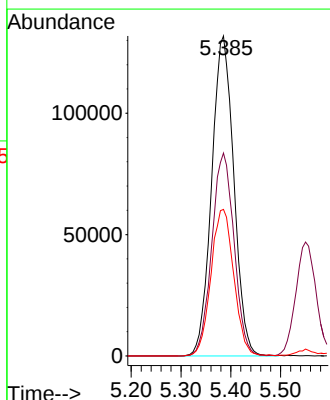
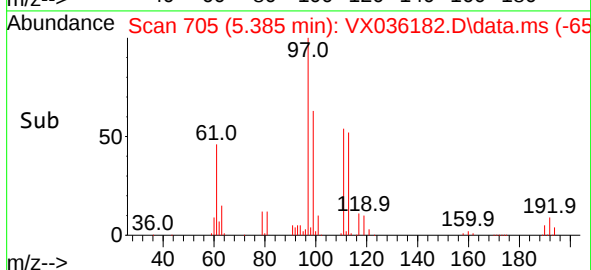
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

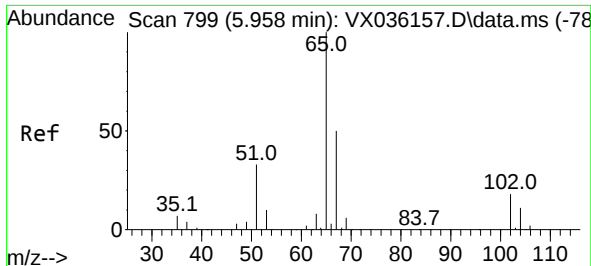


#32
1,1,1-Trichloroethane
Concen: 102.412 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion: 97 Resp: 406805
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 89.223 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 301994

Ion Ratio Lower Upper

65 100

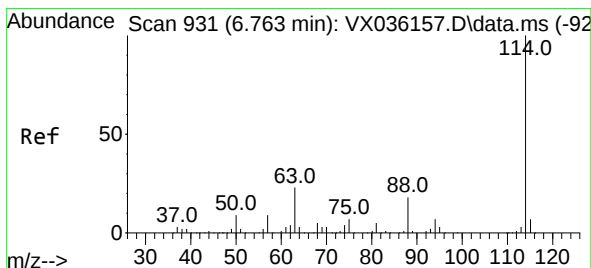
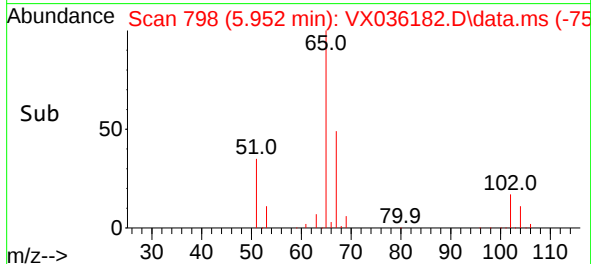
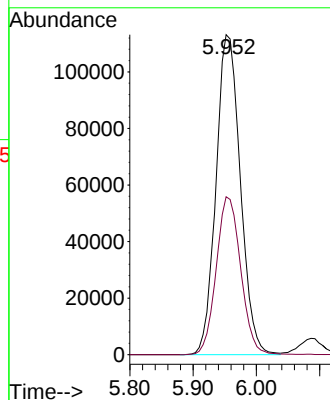
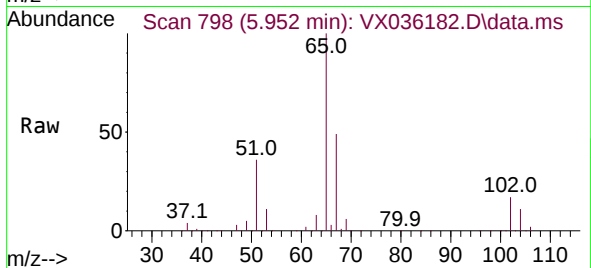
67 49.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

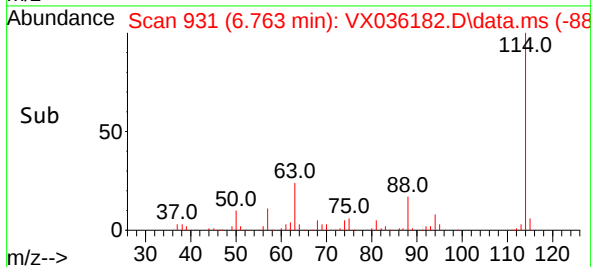
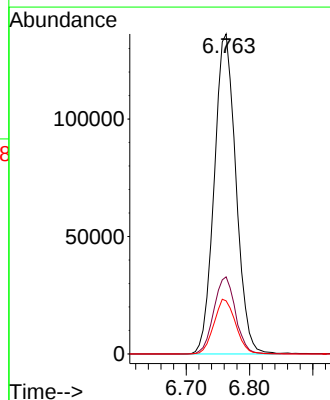
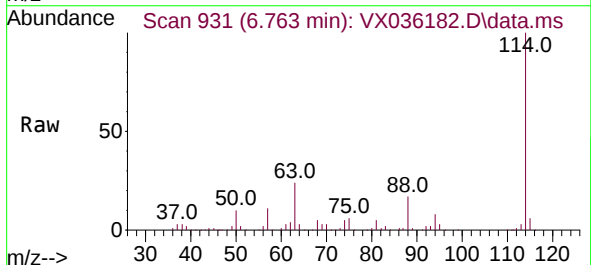
Tgt Ion:114 Resp: 323887

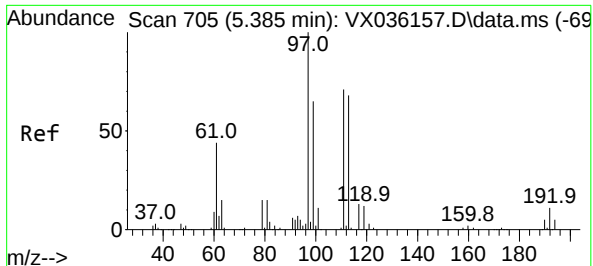
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 92.527 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 20322

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

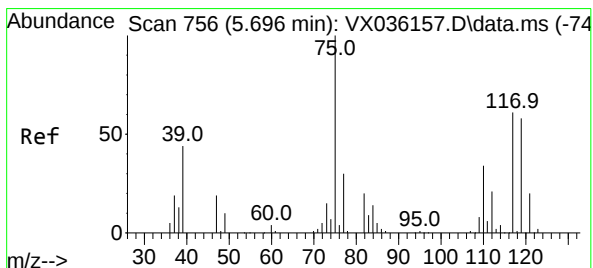
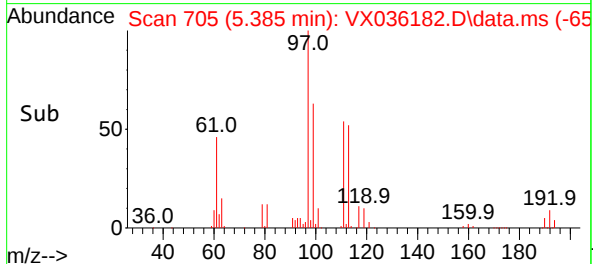
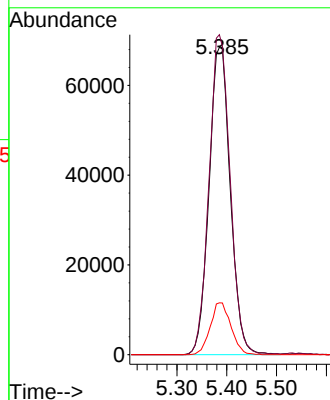
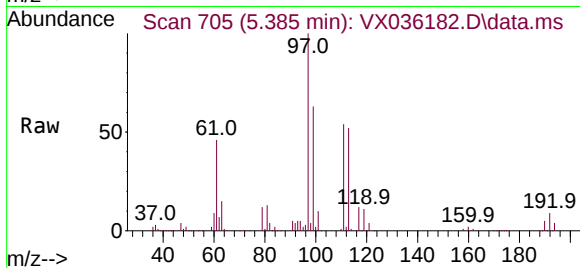
192 16.4 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#36

1,1-Dichloropropene

Concen: 101.398 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

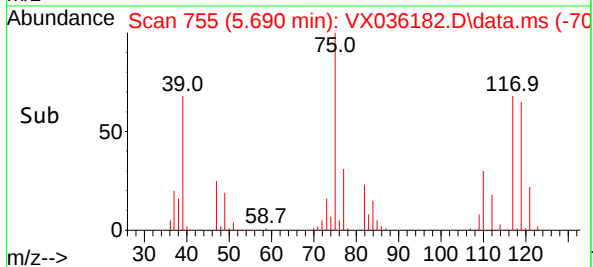
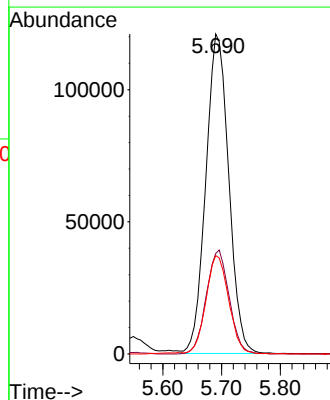
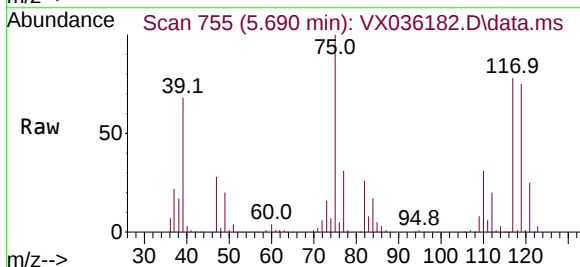
Tgt Ion: 75 Resp: 328053

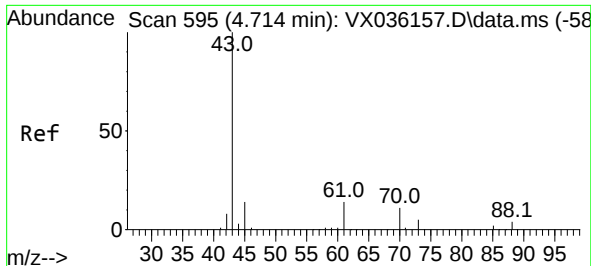
Ion Ratio Lower Upper

75 100

110 32.4 17.0 50.9

77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 98.459 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 371128

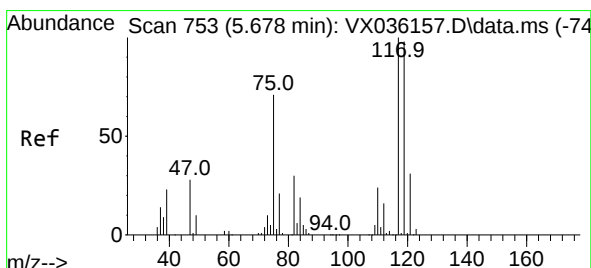
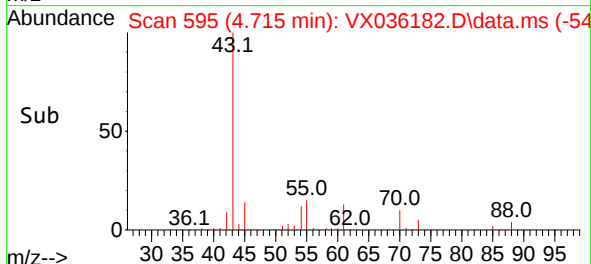
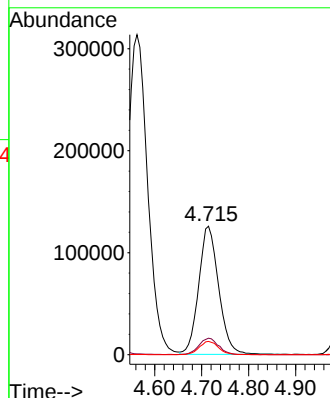
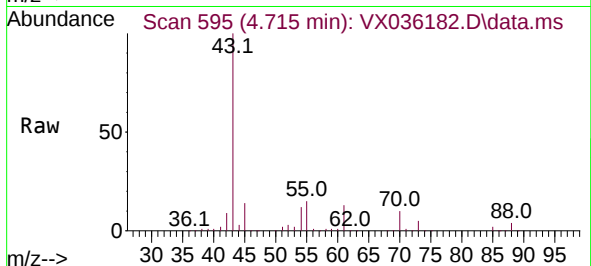
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	16.0
70	10.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 107.757 ug/l

RT: 5.678 min Scan# 753

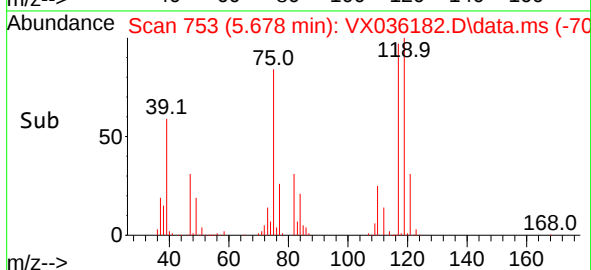
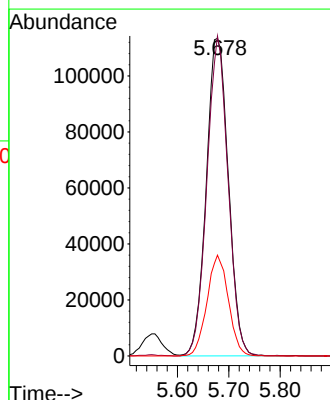
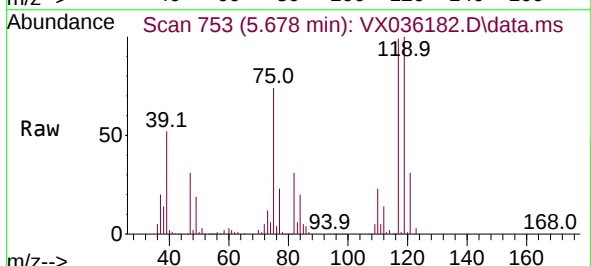
Delta R.T. -0.000 min

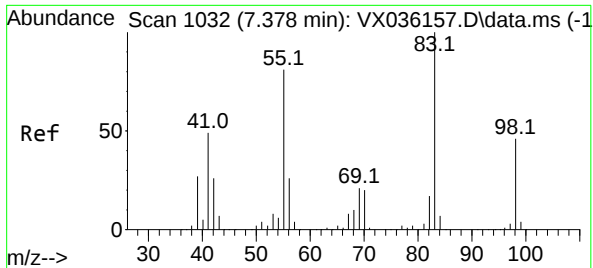
Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Tgt Ion:117 Resp: 338905

Ion	Ratio	Lower	Upper
117	100		
119	100.8	78.2	117.2
121	31.7	24.4	36.6





#39

Methylcyclohexane

Concen: 108.445 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 37786

Ion Ratio Lower Upper

83 100

55 84.9 64.6 97.0

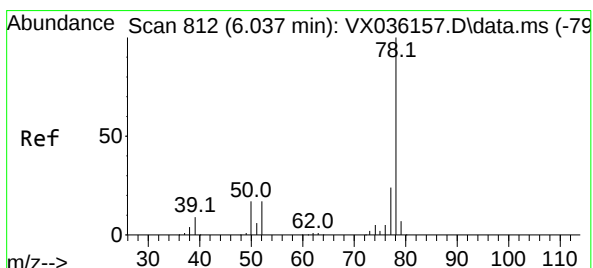
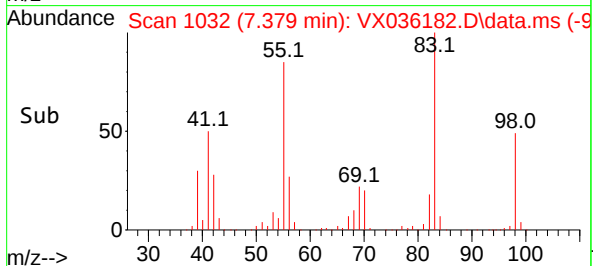
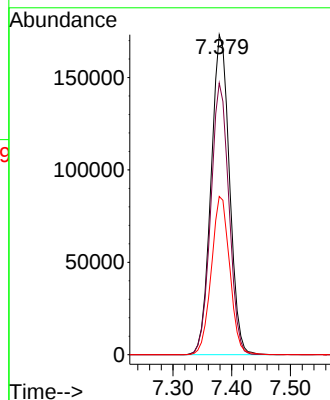
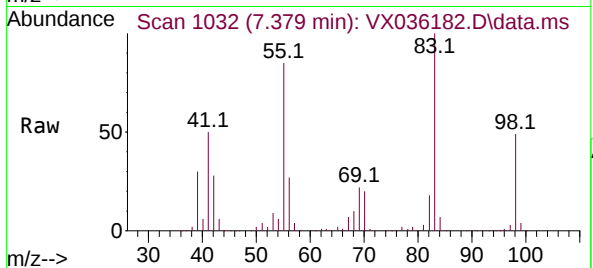
98 49.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#40

Benzene

Concen: 99.221 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX036182.D

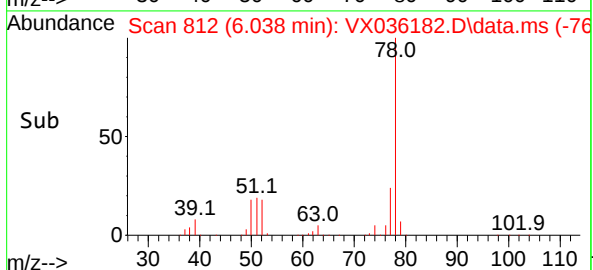
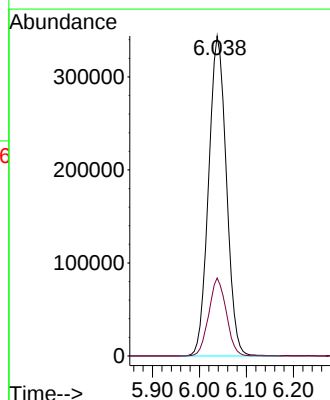
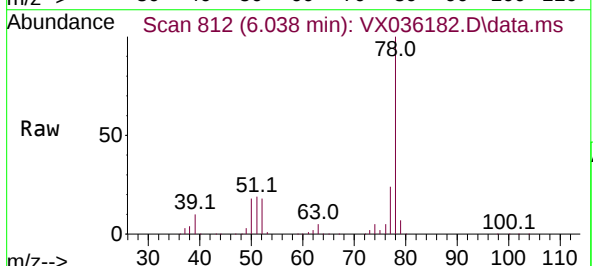
Acq: 16 Jun 2023 14:00

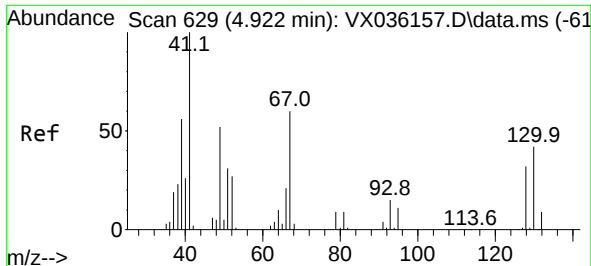
Tgt Ion: 78 Resp: 902723

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9





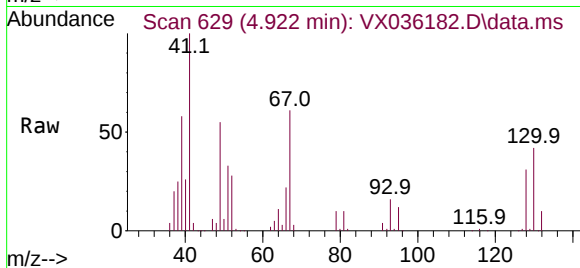
#41
Methacrylonitrile
Concen: 102.962 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



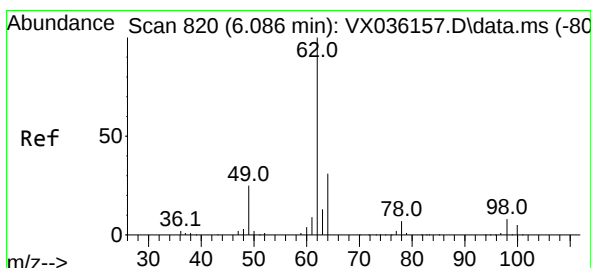
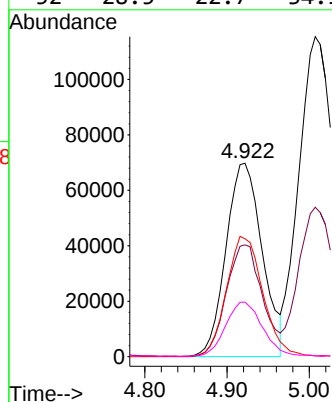
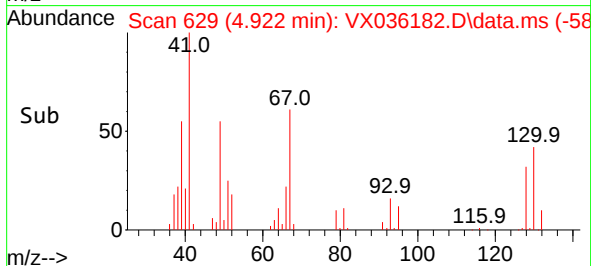
Tgt Ion: 41 Resp: 213972
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 62.7 52.6 78.8
52 28.5 22.7 34.1

Manual Integrations

APPROVED

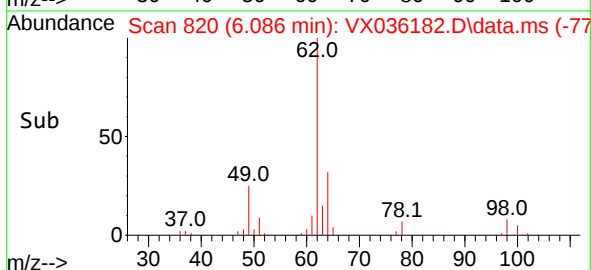
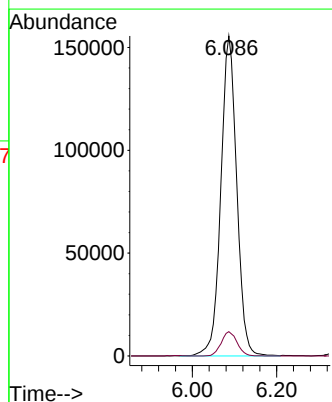
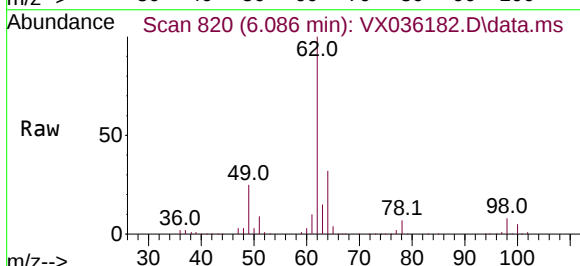
Reviewed By :John Carlone 06/16/2023

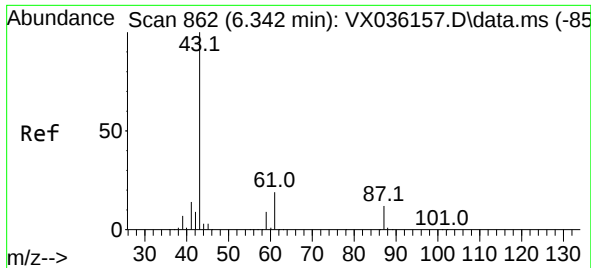
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 98.795 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 62 Resp: 404927
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 105.782 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

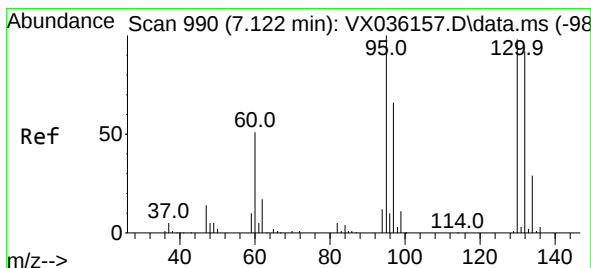
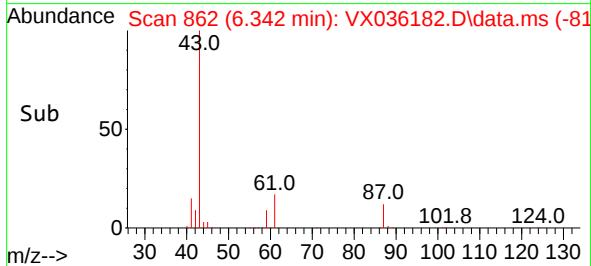
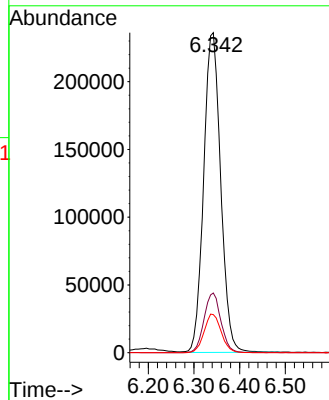
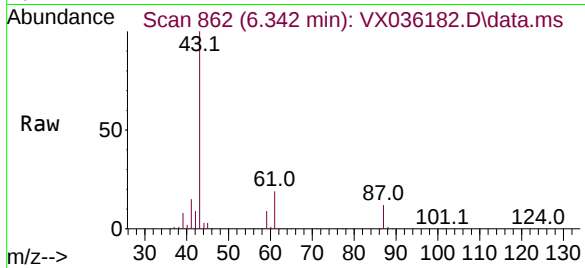
Tgt Ion: 43 Resp: 610210
 Ion Ratio Lower Upper
 43 100
 61 18.6 15.2 22.8
 87 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 98.601 ug/l

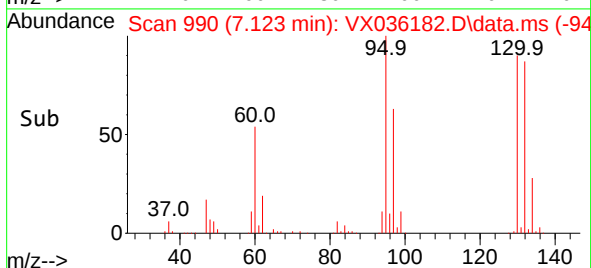
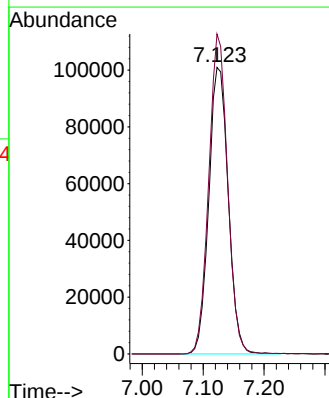
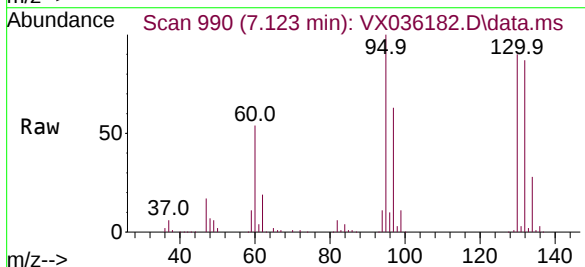
RT: 7.123 min Scan# 990

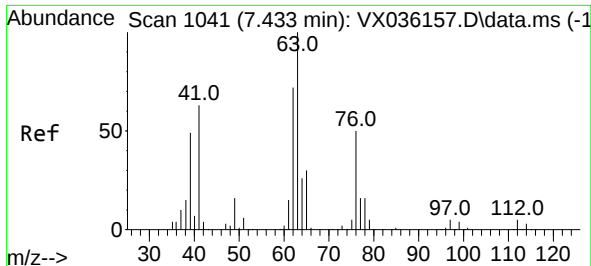
Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Tgt Ion:130 Resp: 224172
 Ion Ratio Lower Upper
 130 100
 95 111.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 98.354 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 237898

Ion Ratio Lower Upper

63 100

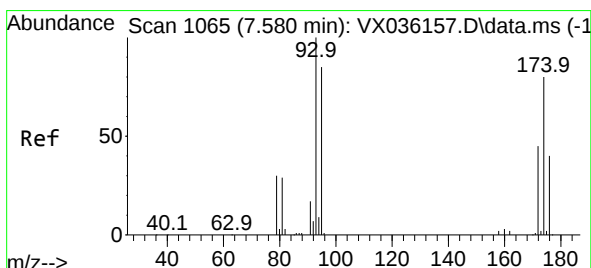
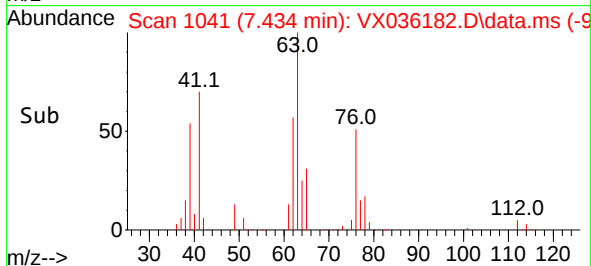
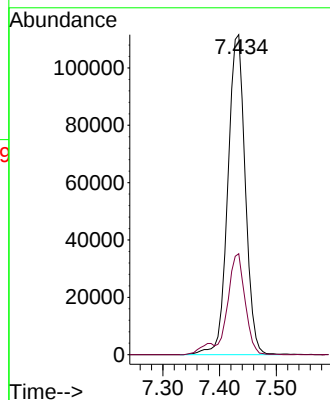
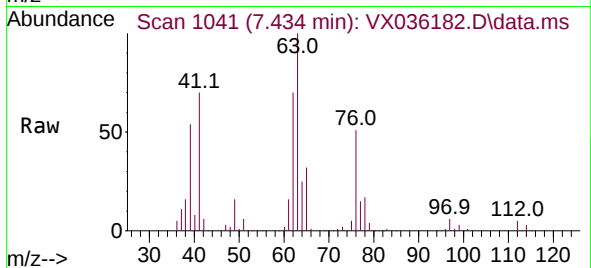
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 98.927 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

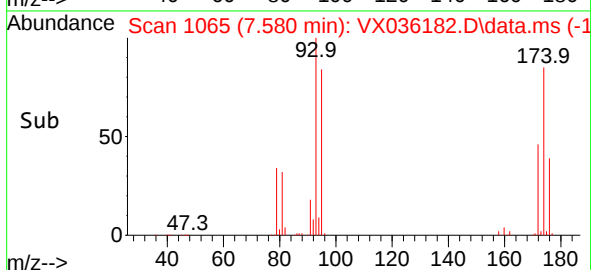
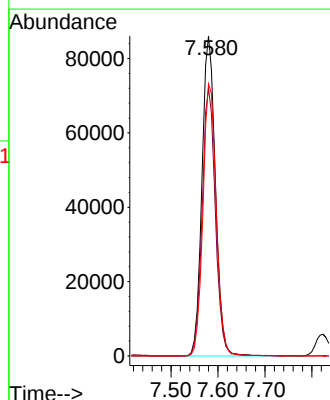
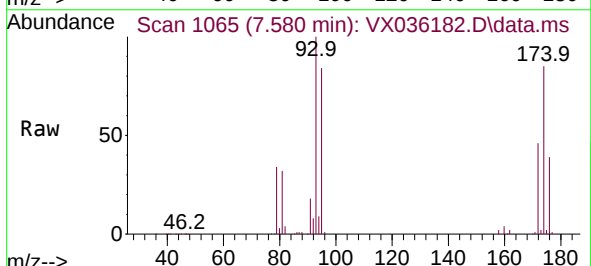
Tgt Ion: 93 Resp: 170462

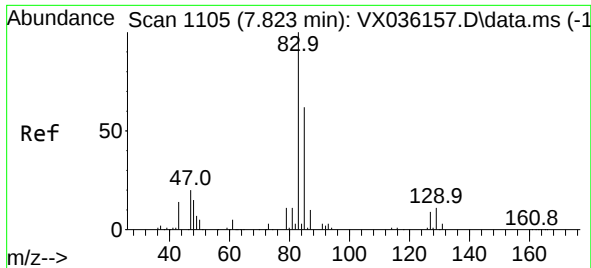
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

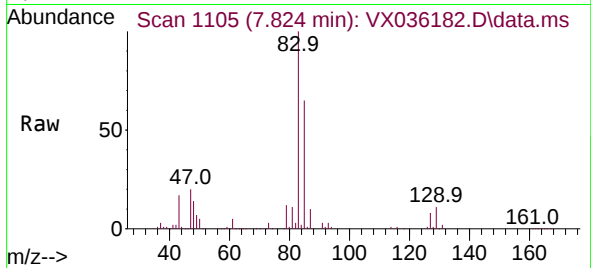
174 84.5 69.4 104.0





#47
Bromodichloromethane
Concen: 105.572 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

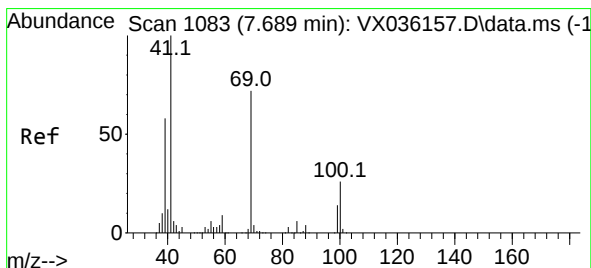
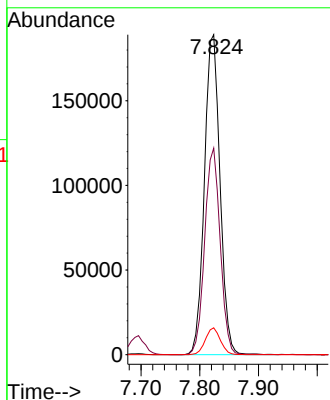
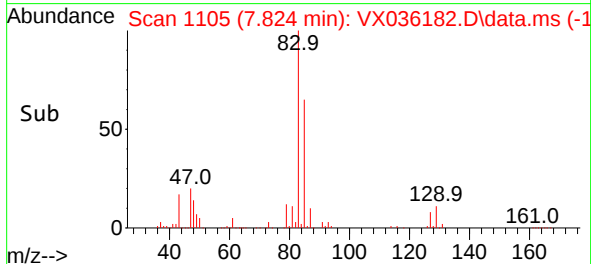
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 349230
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.4 7.1 10.7

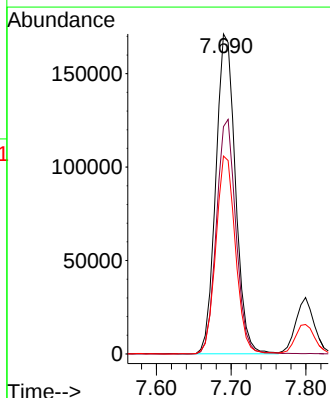
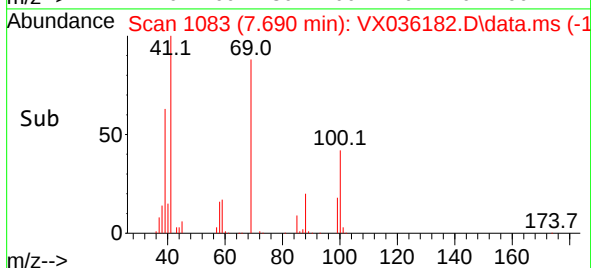
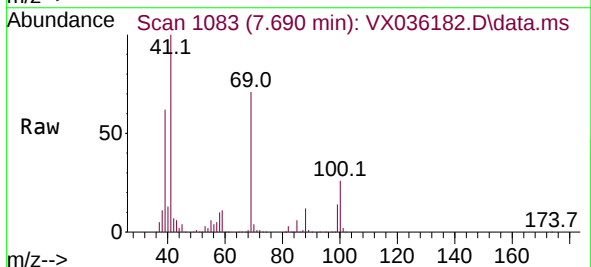
Manual Integrations
APPROVED

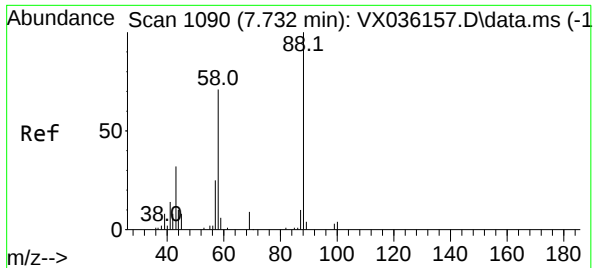
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#48
Methyl methacrylate
Concen: 105.486 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 41 Resp: 312197
Ion Ratio Lower Upper
41 100
69 73.1 59.2 88.8
39 62.1 47.7 71.5





#49

1,4-Dioxane

Concen: 2047.349 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 10145

Ion Ratio Lower Upper

88 100

43 38.5 0.0 0.0

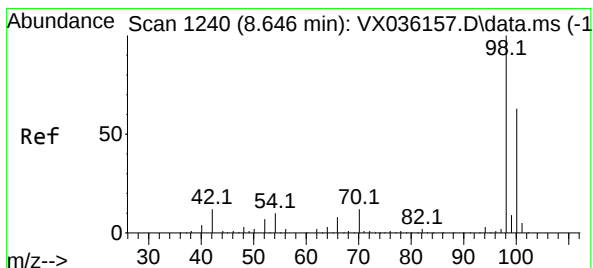
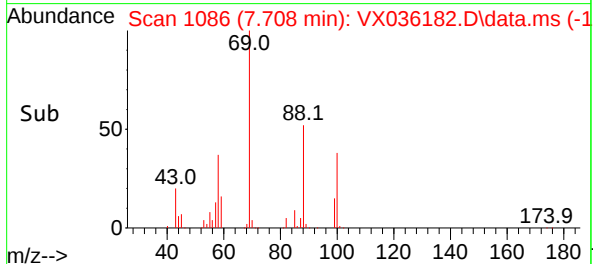
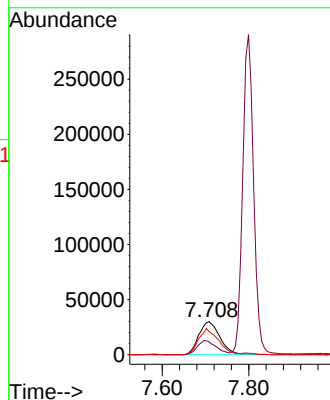
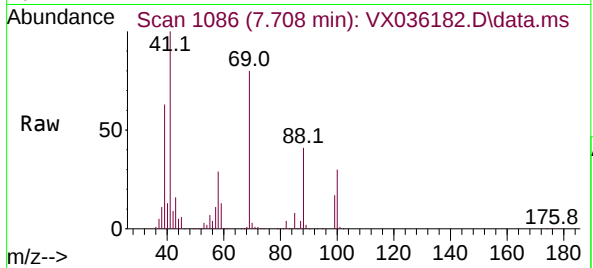
58 73.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 92.124 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036182.D

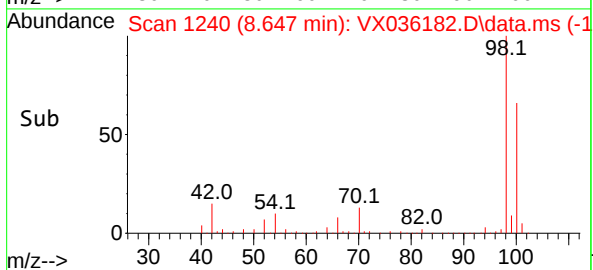
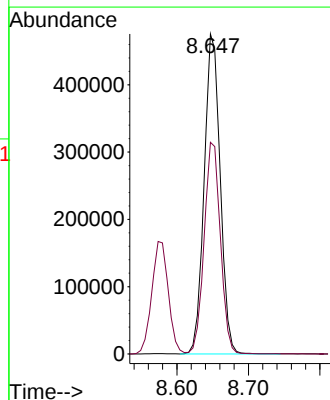
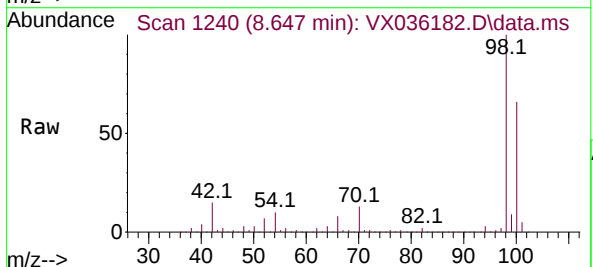
Acq: 16 Jun 2023 14:00

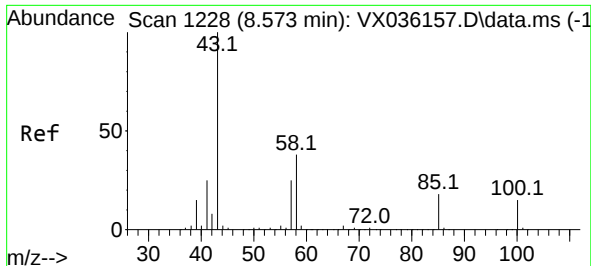
Tgt Ion: 98 Resp: 740122

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7





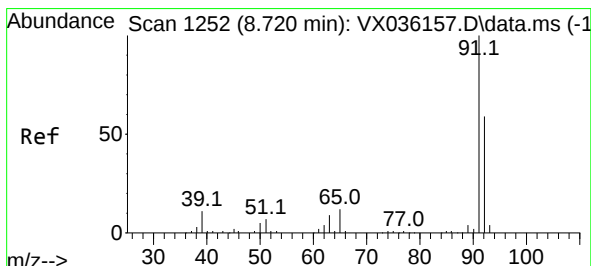
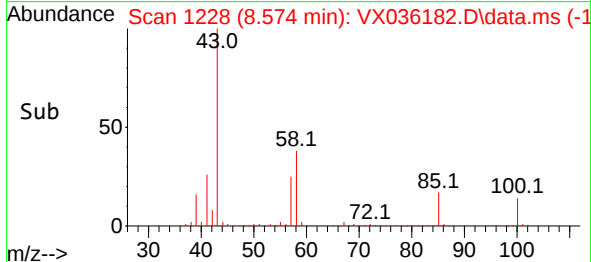
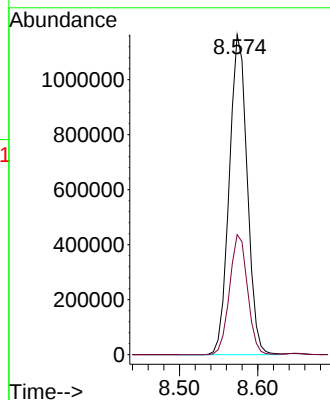
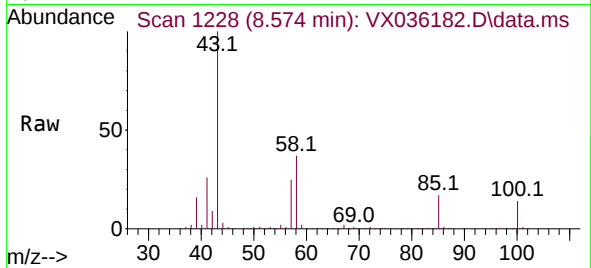
#51
4-Methyl-2-Pentanone
Concen: 507.725 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 184936
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

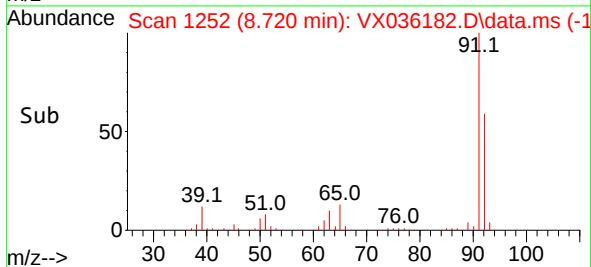
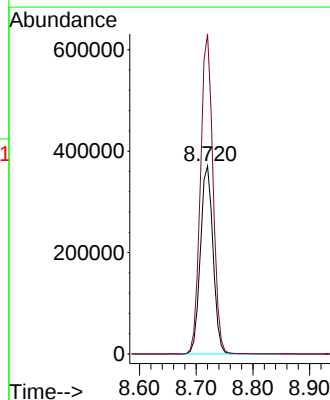
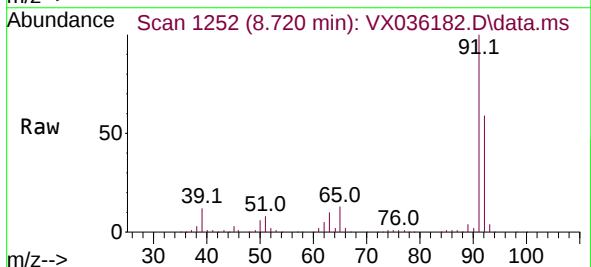
Manual Integrations
APPROVED

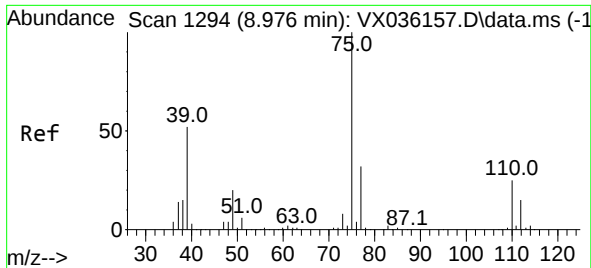
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 100.532 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 92 Resp: 572651
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2





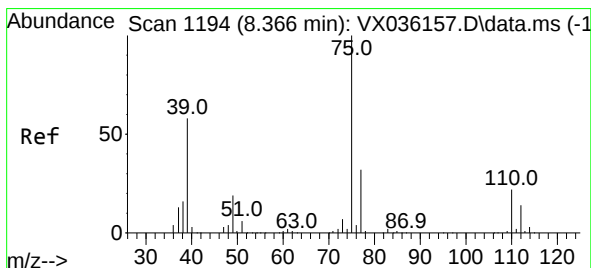
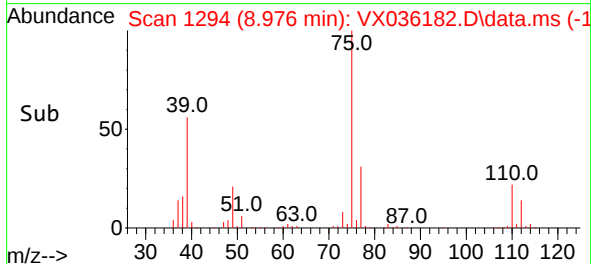
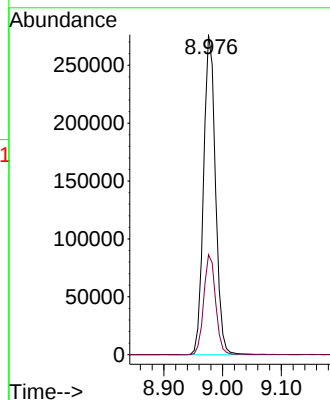
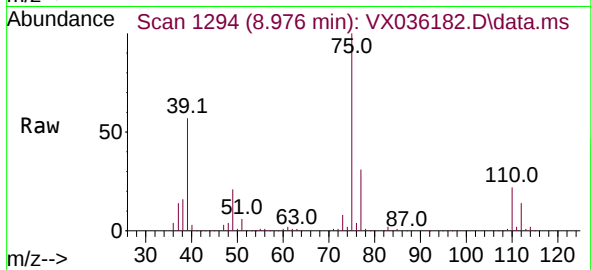
#53
 t-1,3-Dichloropropene
 Concen: 97.479 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 75 Resp: 38952
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5

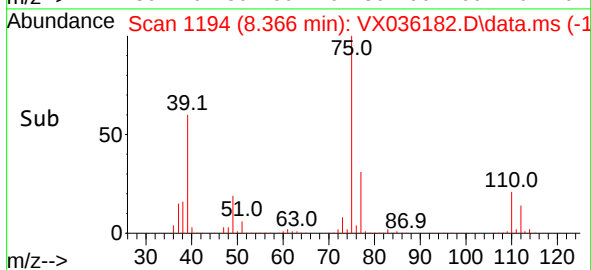
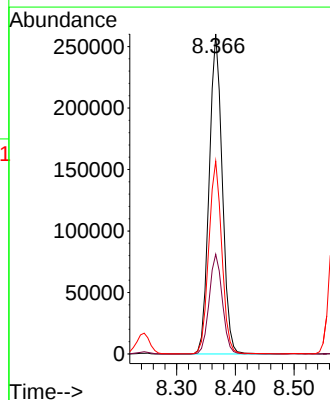
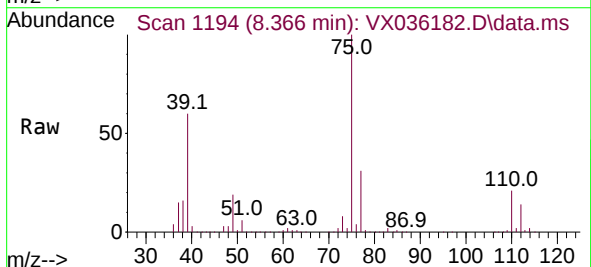
Manual Integrations
 APPROVED

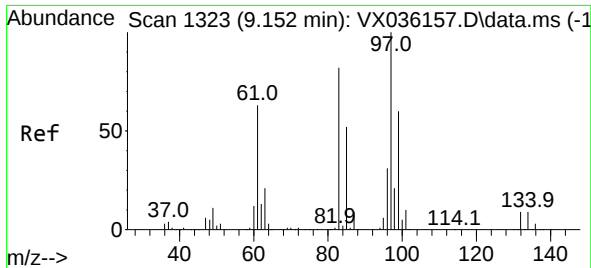
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#54
 cis-1,3-Dichloropropene
 Concen: 97.062 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00

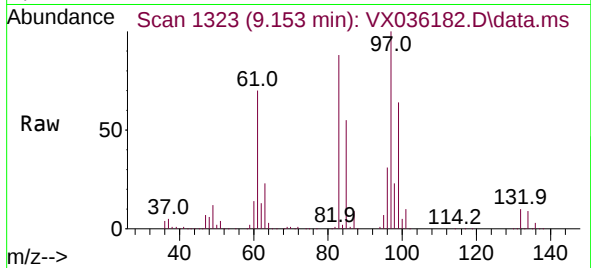
Tgt Ion: 75 Resp: 402183
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 60.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 99.581 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

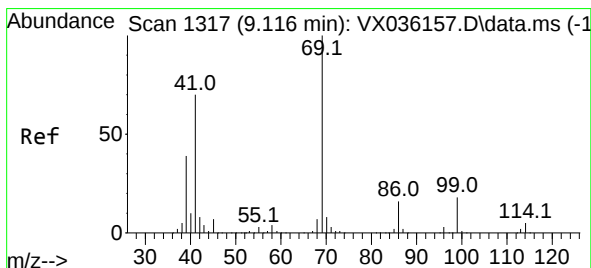
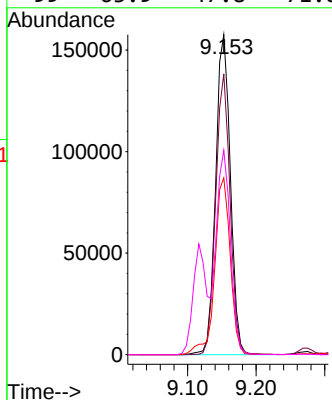
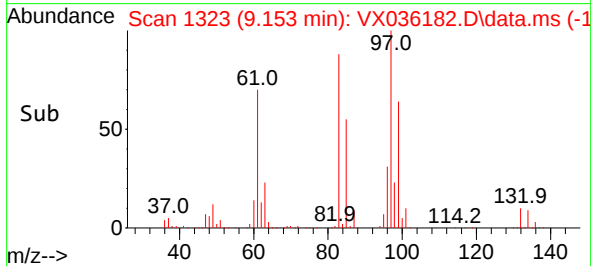
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



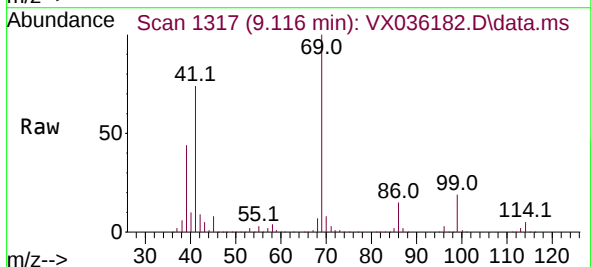
Tgt Ion: 97 Resp: 23417
Ion Ratio Lower Upper
97 100
83 87.8 65.8 98.8
85 55.2 41.6 62.4
99 63.9 47.8 71.8

Manual Integrations
APPROVED

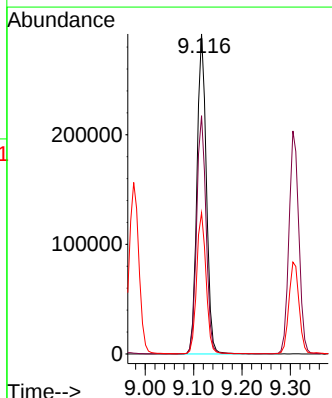
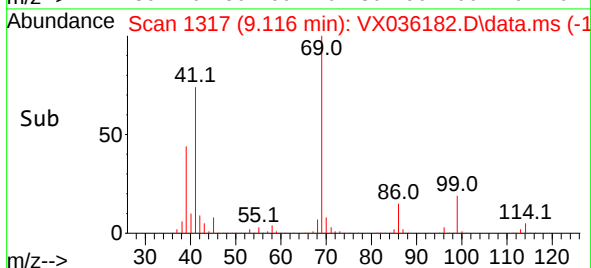
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

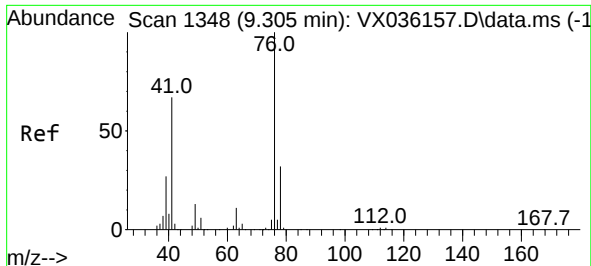


#56
Ethyl methacrylate
Concen: 96.361 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion: 69 Resp: 391177
Ion Ratio Lower Upper
69 100
41 75.0 56.8 85.2
39 44.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 98.658 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 41272

Ion Ratio Lower Upper

76 100

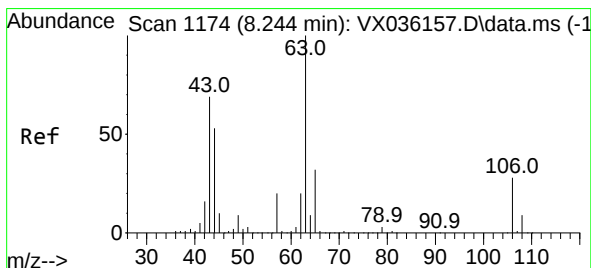
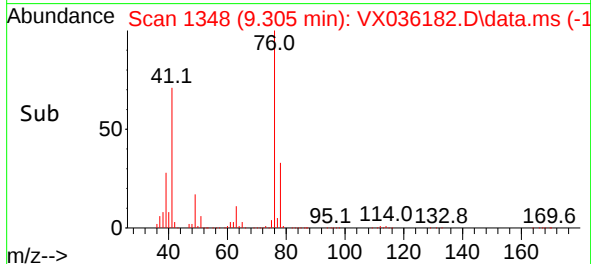
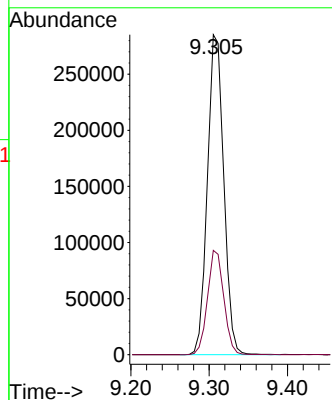
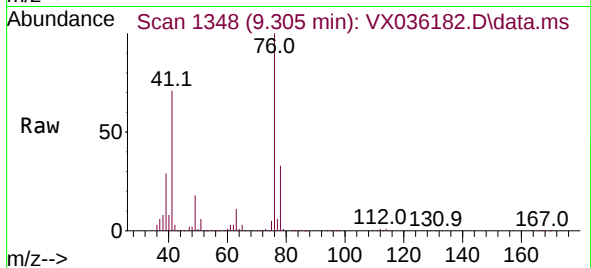
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 513.566 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036182.D

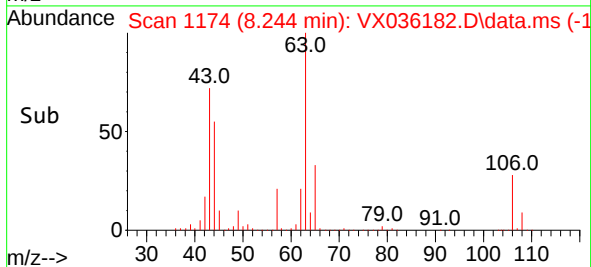
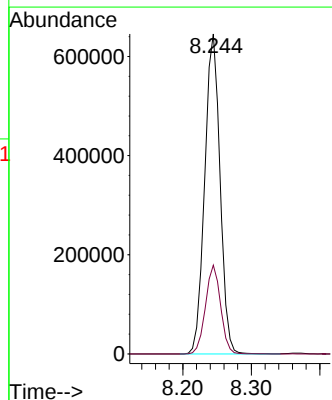
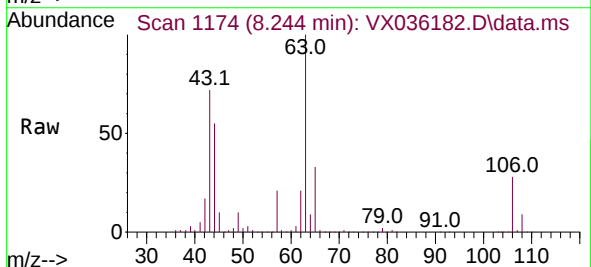
Acq: 16 Jun 2023 14:00

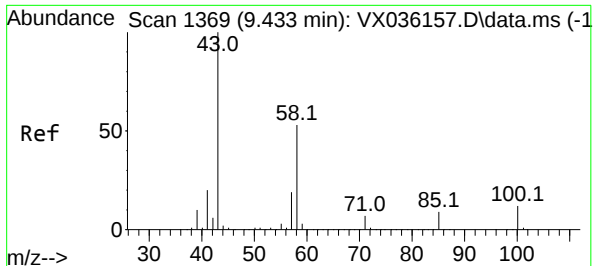
Tgt Ion: 63 Resp: 1005521

Ion Ratio Lower Upper

63 100

106 27.3 22.5 33.7





#59

2-Hexanone

Concen: 511.934 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 138629

Ion Ratio Lower Upper

43 100

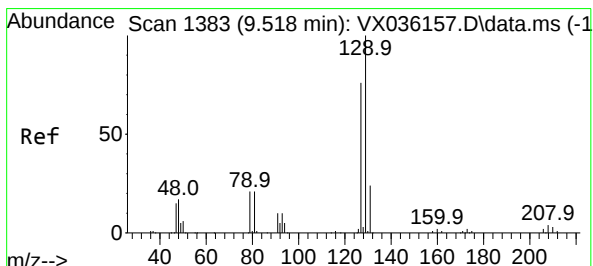
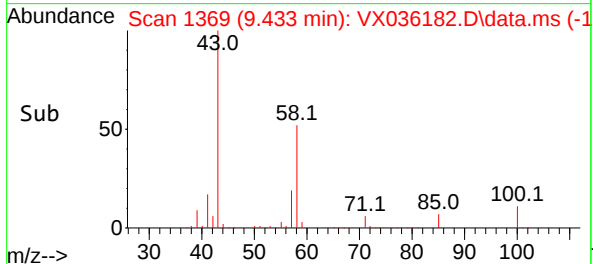
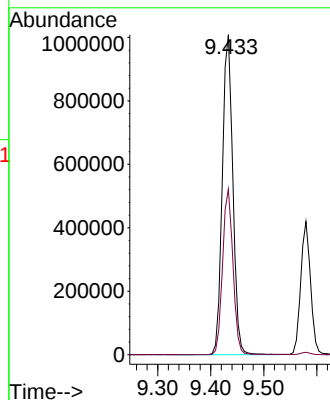
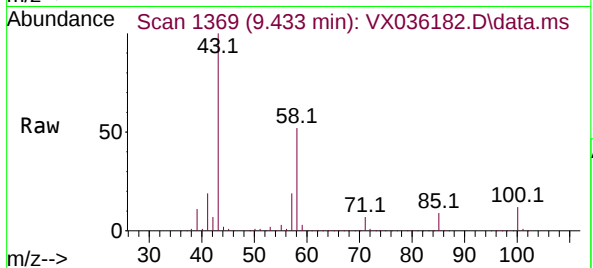
58 51.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#60

Dibromochloromethane

Concen: 108.430 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036182.D

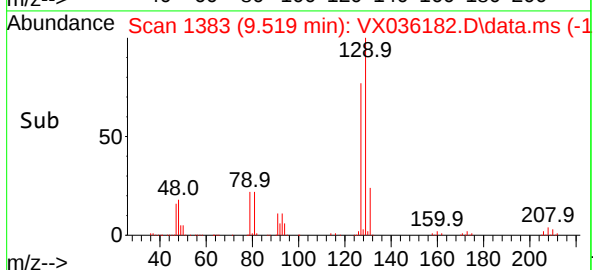
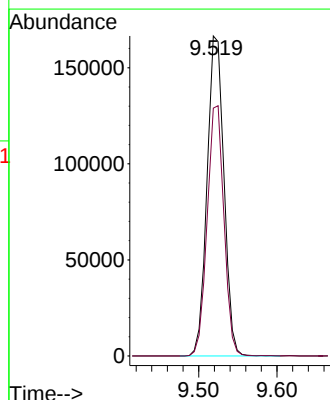
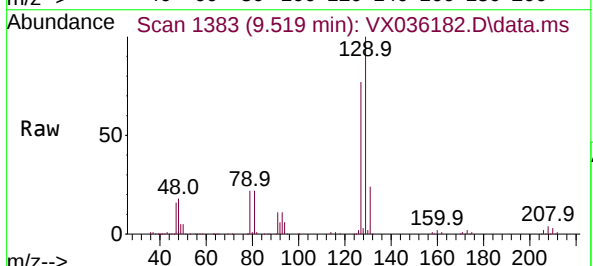
Acq: 16 Jun 2023 14:00

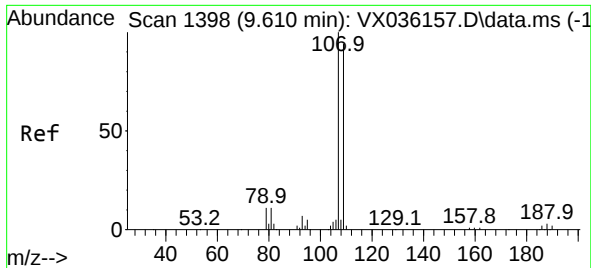
Tgt Ion:129 Resp: 248873

Ion Ratio Lower Upper

129 100

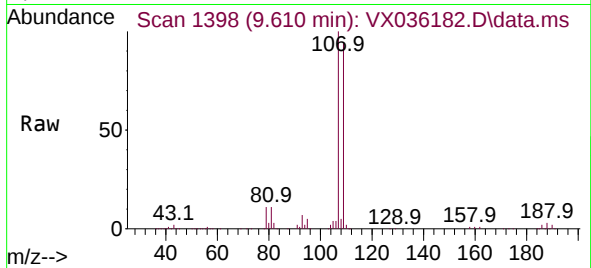
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 102.549 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

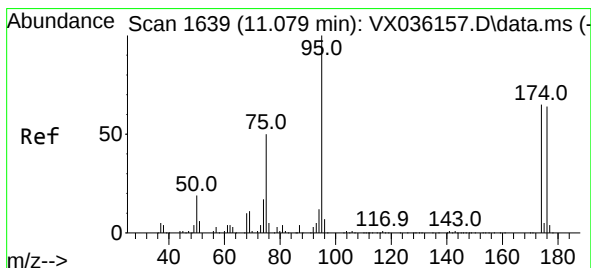
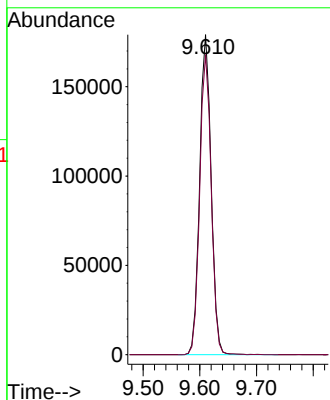
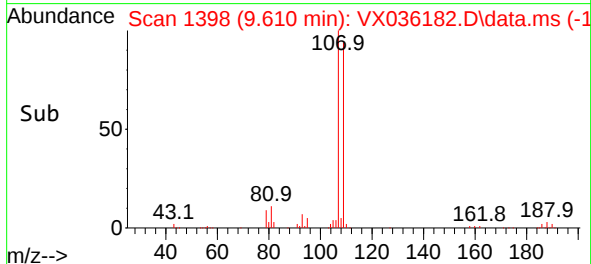
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



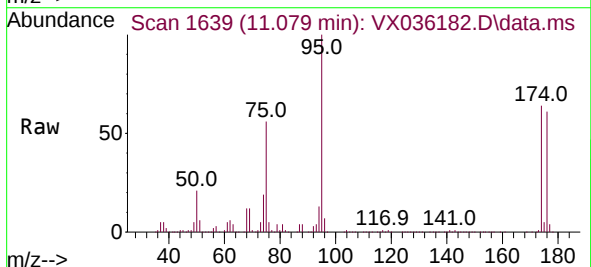
Tgt Ion:107 Resp: 251440
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

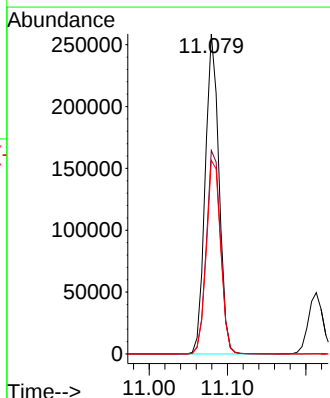
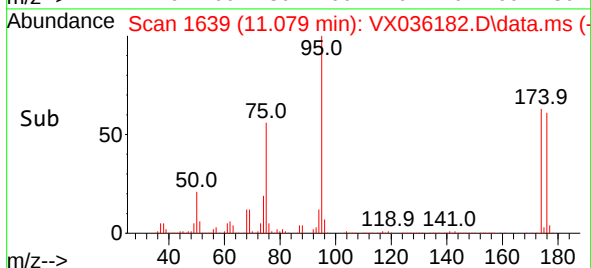
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

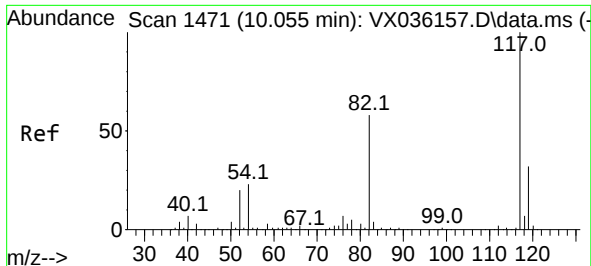


#62
4-Bromofluorobenzene
Concen: 97.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



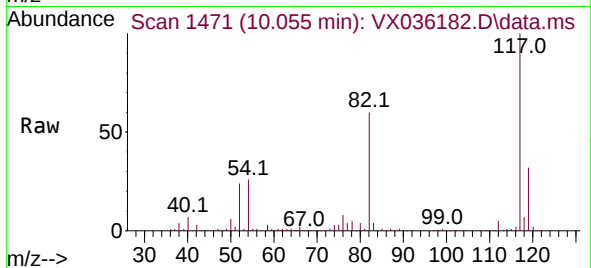
Tgt Ion: 95 Resp: 314610
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

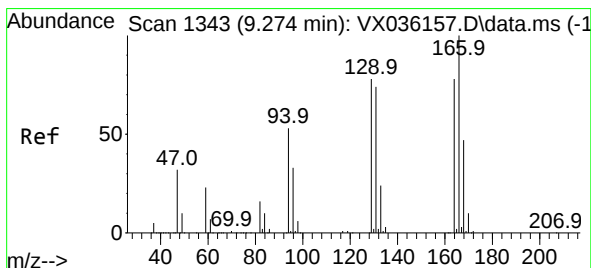
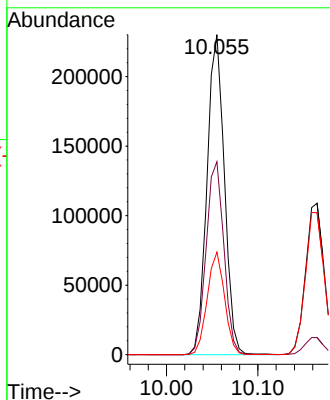
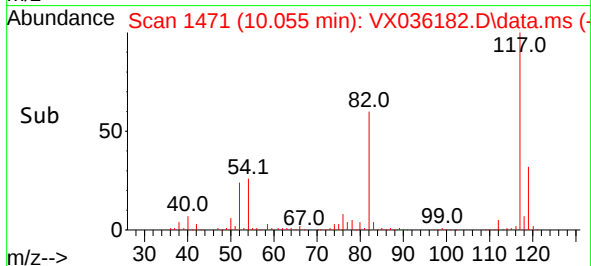
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 303360
Ion Ratio Lower Upper
117 100
82 60.3 46.2 69.4
119 32.1 25.5 38.3

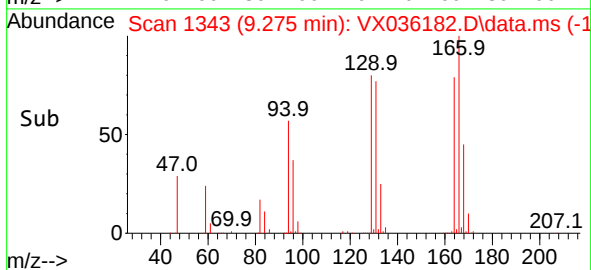
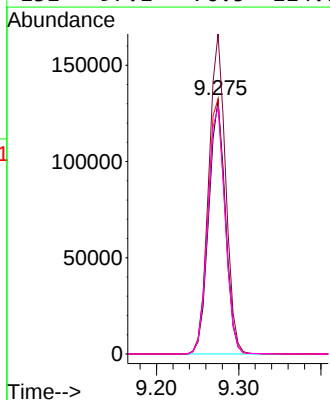
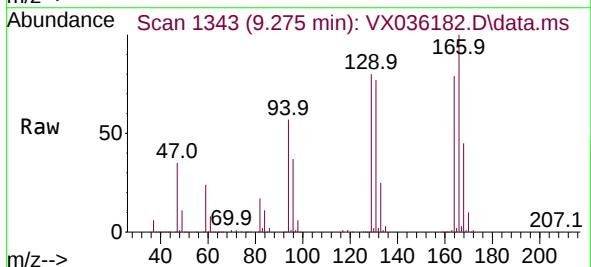
Manual Integrations
APPROVED

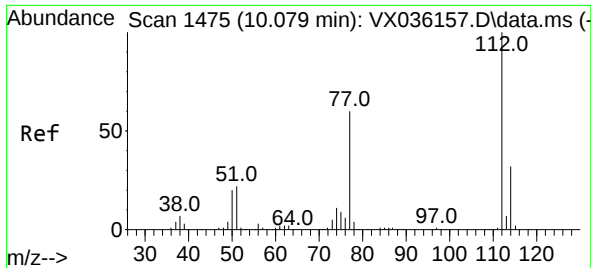
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 98.588 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion:164 Resp: 186080
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 100.4 80.4 120.6
131 97.1 76.5 114.7





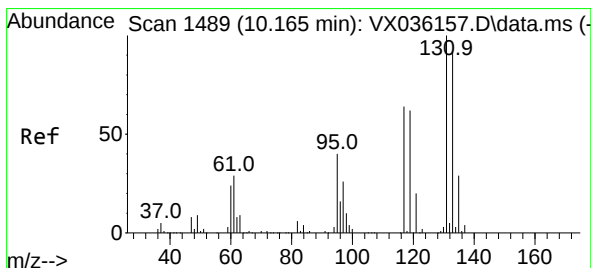
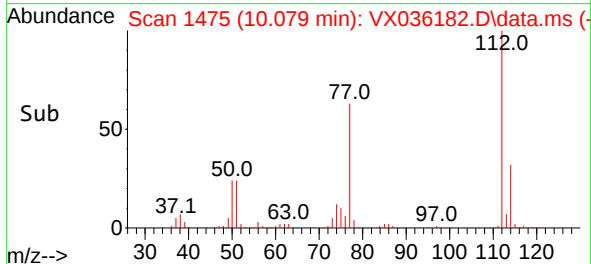
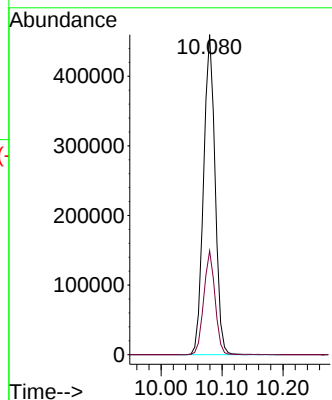
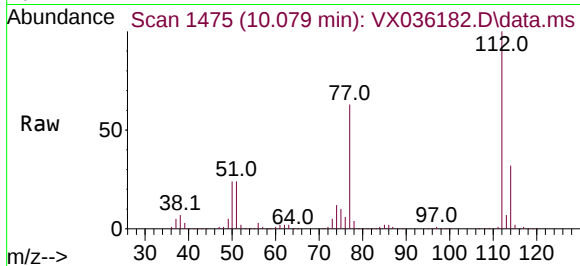
#65
Chlorobenzene
Concen: 96.188 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 604664
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

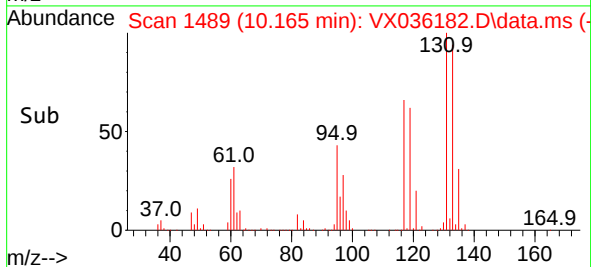
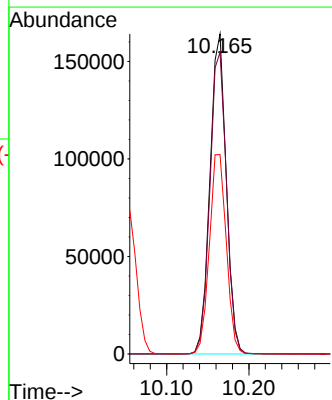
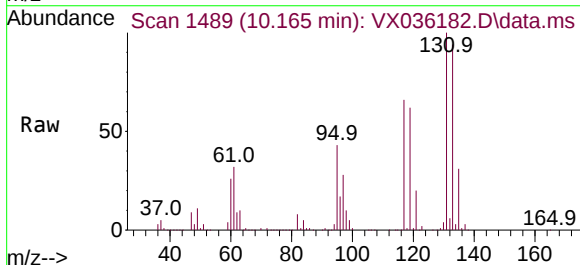
Manual Integrations
APPROVED

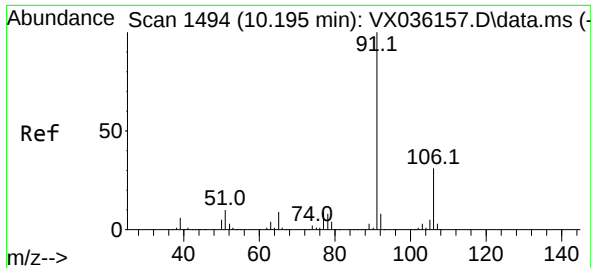
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 104.077 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

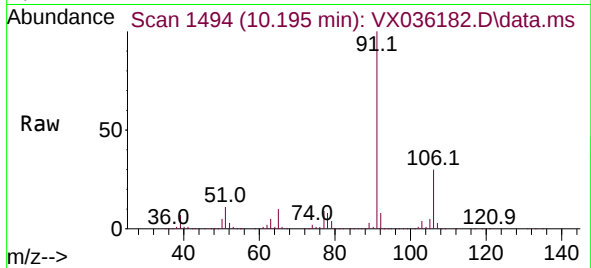
Tgt Ion:131 Resp: 225777
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 102.086 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

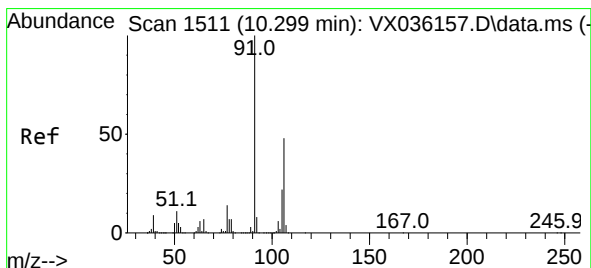
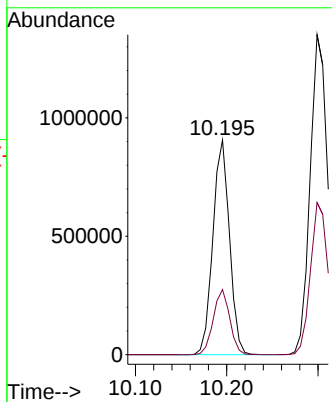
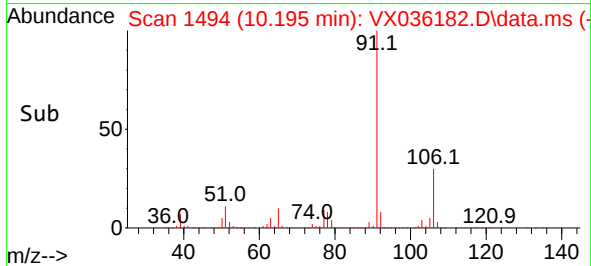
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



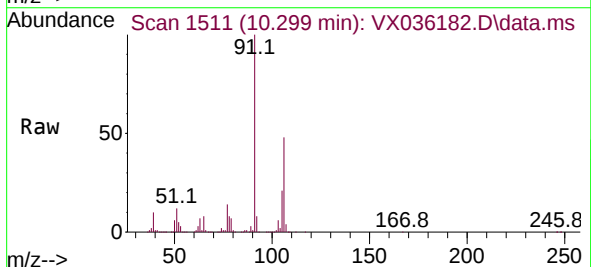
Tgt Ion: 91 Resp: 1146104
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

Manual Integrations
APPROVED

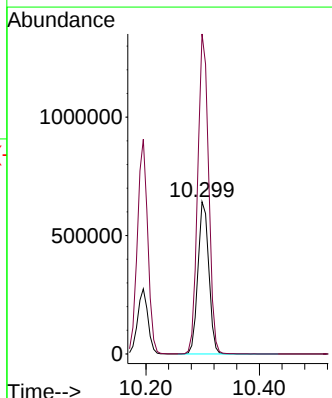
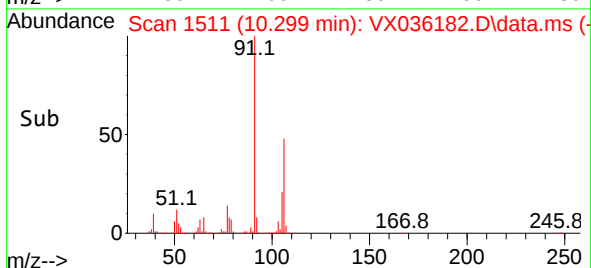
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

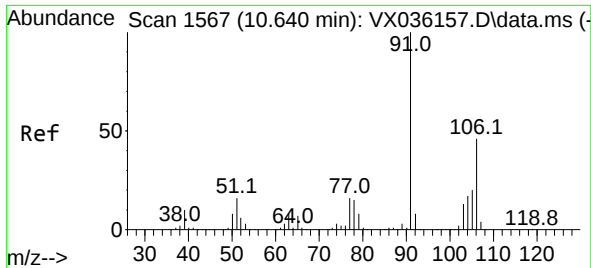


#68
m/p-Xylenes
Concen: 202.074 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion:106 Resp: 855929
Ion Ratio Lower Upper
106 100
91 210.6 165.5 248.3





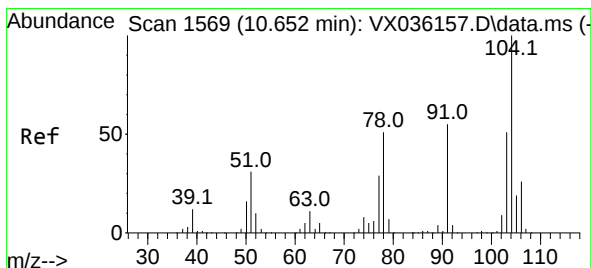
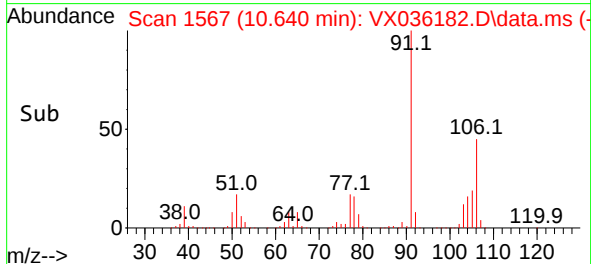
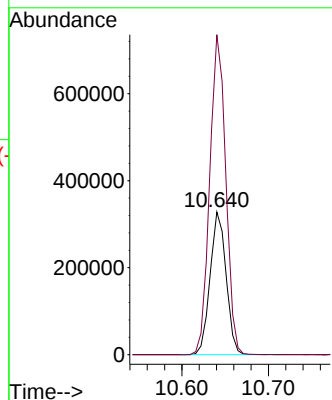
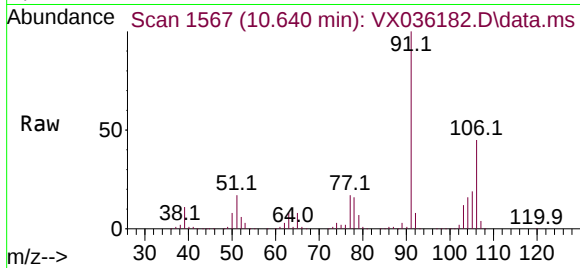
#69
o-Xylene
Concen: 100.738 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 420980
Ion Ratio Lower Upper
106 100
91 225.0 108.9 326.8

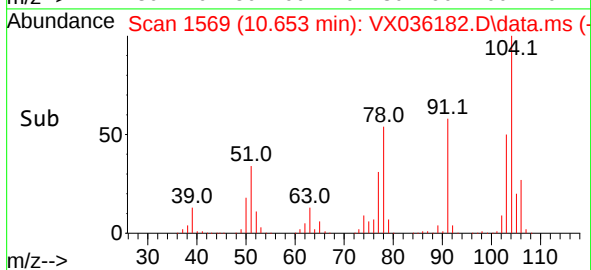
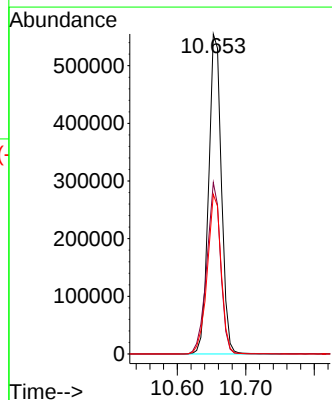
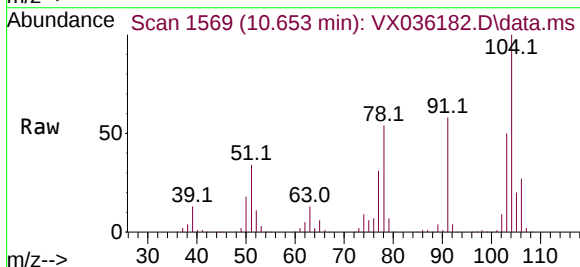
Manual Integrations
APPROVED

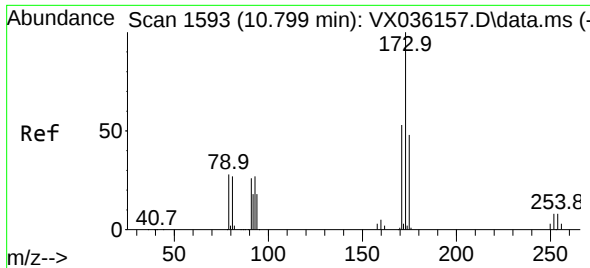
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 103.344 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

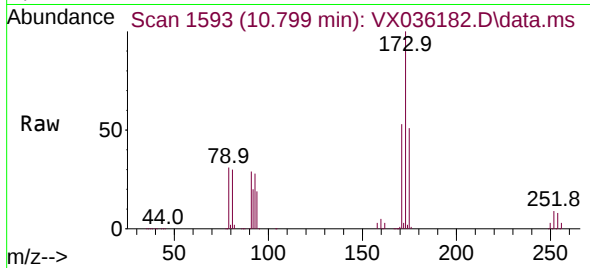
Tgt Ion:104 Resp: 719611
Ion Ratio Lower Upper
104 100
78 57.7 43.6 65.4
103 54.0 43.6 65.4





#71
Bromoform
Concen: 96.143 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

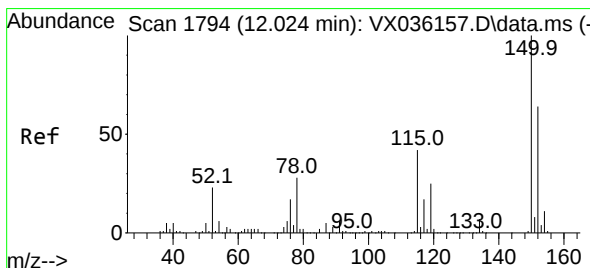
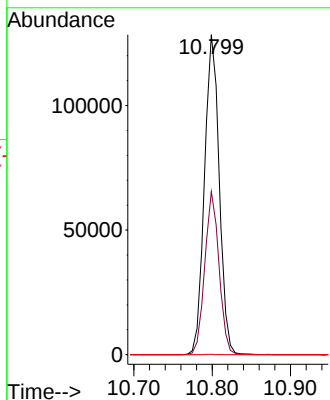
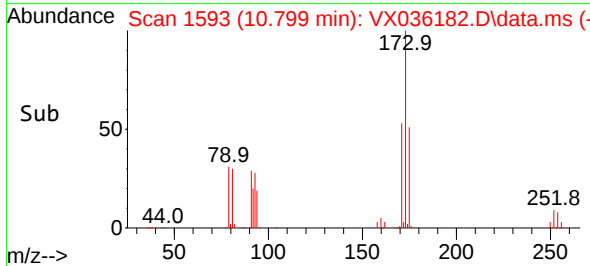
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



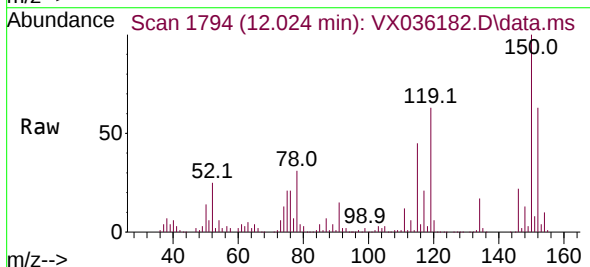
Tgt Ion:173 Resp: 167560
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

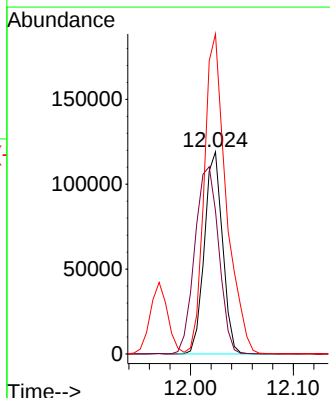
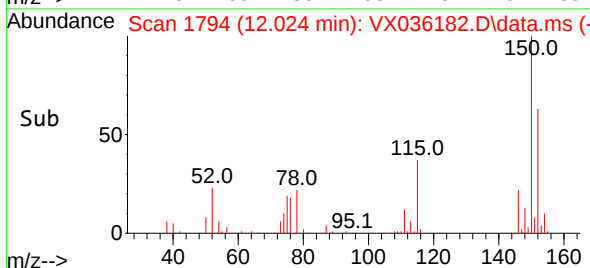
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

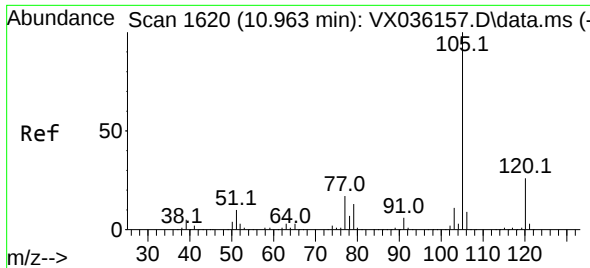


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion:152 Resp: 146024
Ion Ratio Lower Upper
152 100
115 122.2 43.3 129.9
150 191.7 0.0 345.0





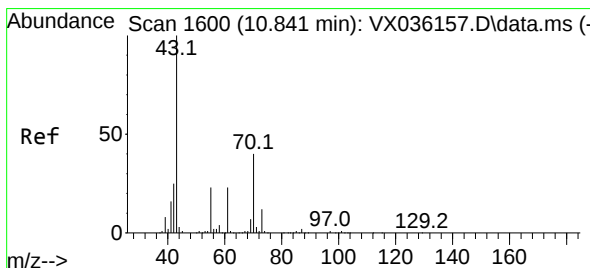
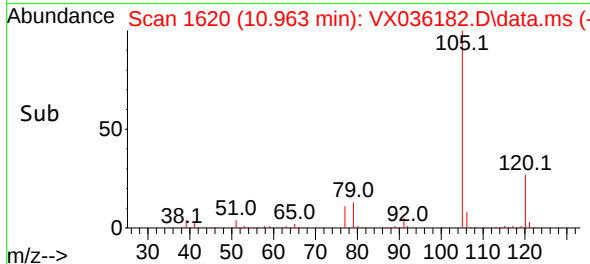
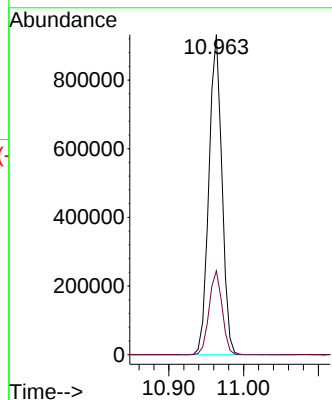
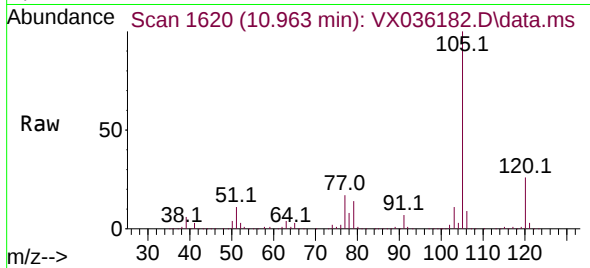
#73
Isopropylbenzene
Concen: 103.835 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 112508
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

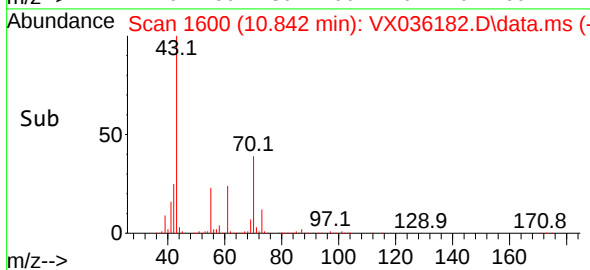
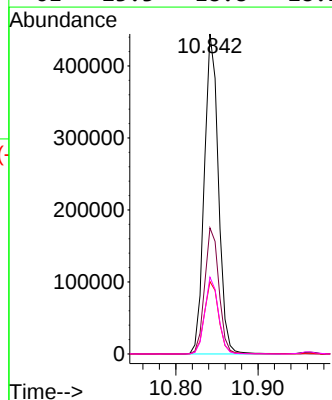
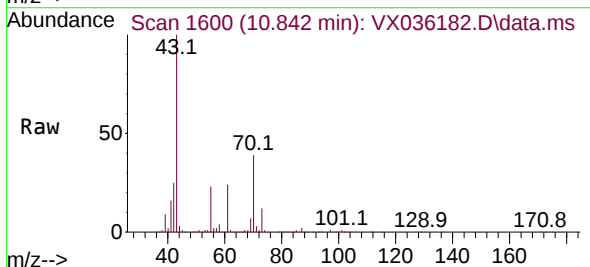
Manual Integrations
APPROVED

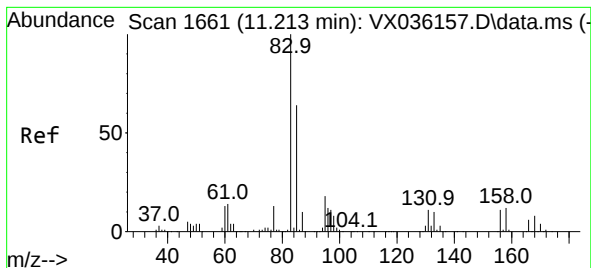
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#74
N-ethyl acetate
Concen: 108.016 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 43 Resp: 528884
Ion Ratio Lower Upper
43 100
70 39.9 32.9 49.3
55 23.0 19.3 28.9
61 23.3 18.8 28.2





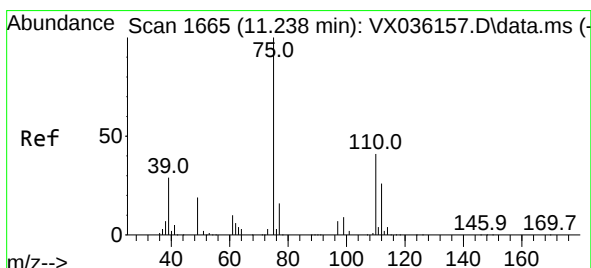
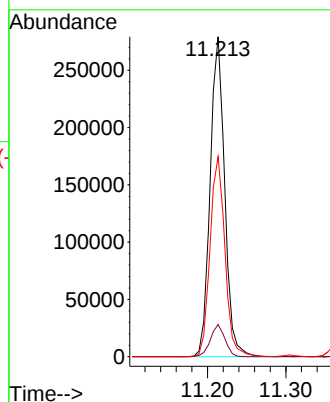
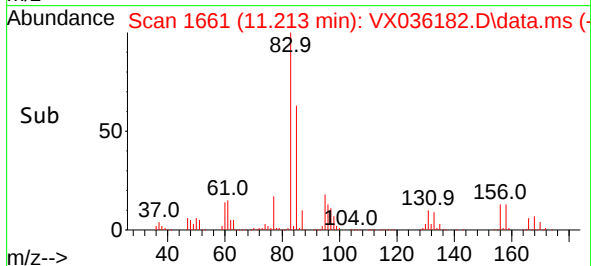
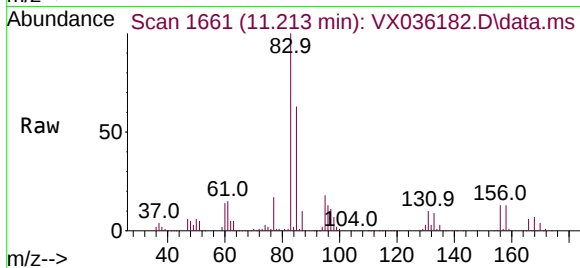
#75
1,1,2,2-Tetrachloroethane
Concen: 96.685 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 35871
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.1 32.0 96.2

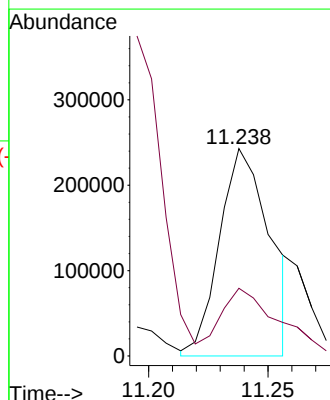
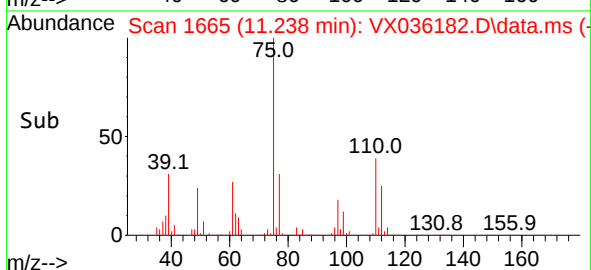
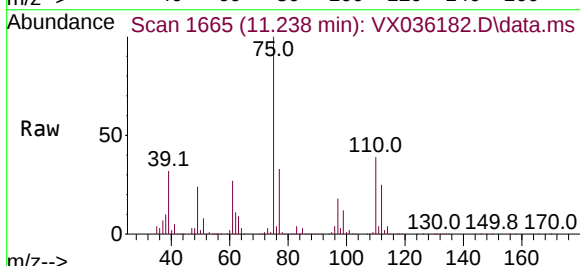
Manual Integrations
APPROVED

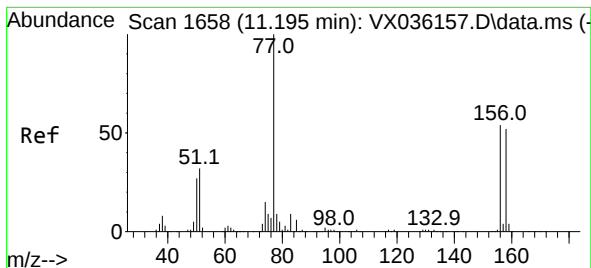
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#76
1,2,3-Trichloropropane
Concen: 98.324 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 75 Resp: 356787
Ion Ratio Lower Upper
75 100
77 38.1 19.1 57.5





#77

Bromobenzene

Concen: 99.980 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 253810

Ion Ratio Lower Upper

156 100

77 189.4 88.4 265.3

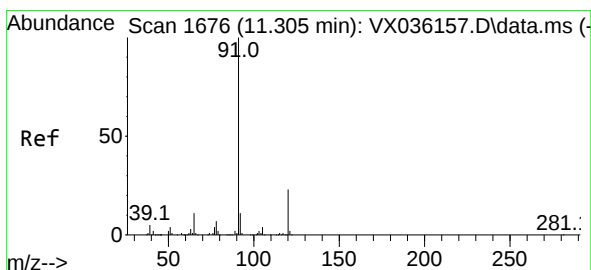
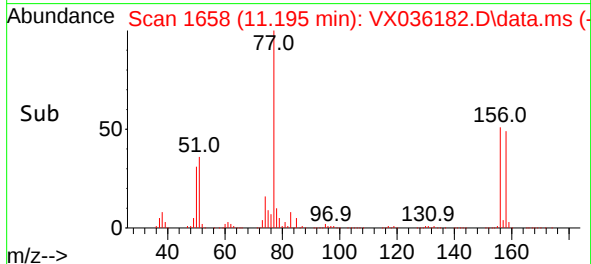
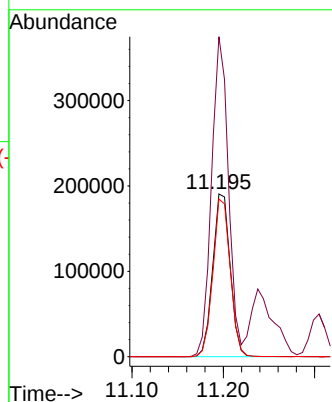
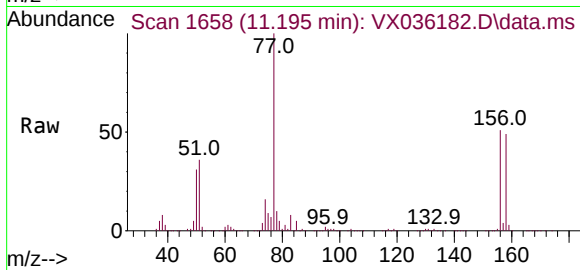
158 95.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 107.123 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036182.D

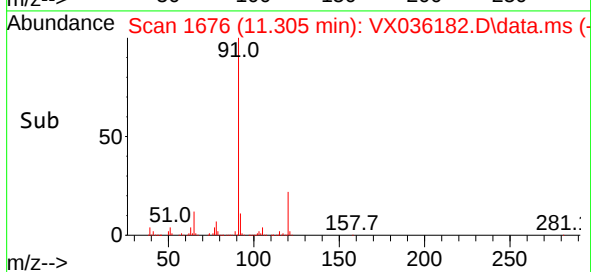
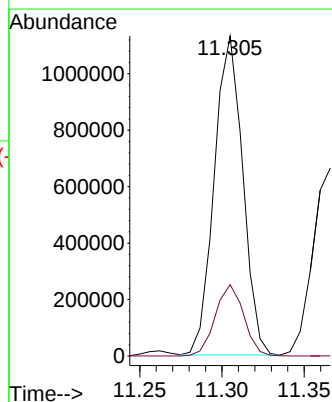
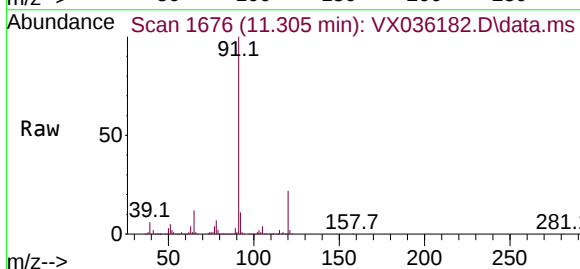
Acq: 16 Jun 2023 14:00

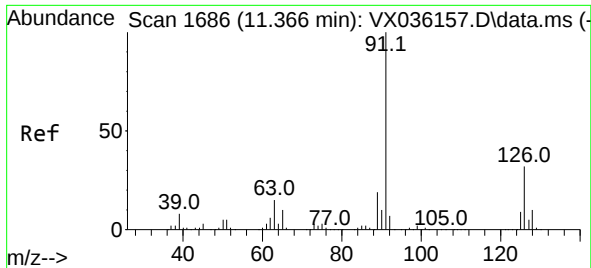
Tgt Ion: 91 Resp: 1365452

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





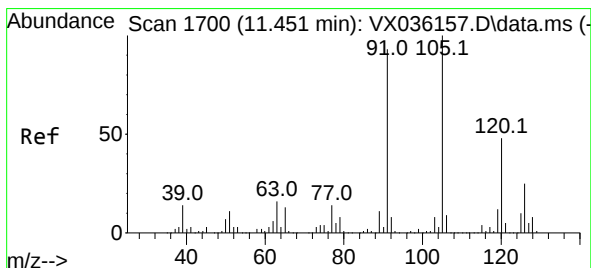
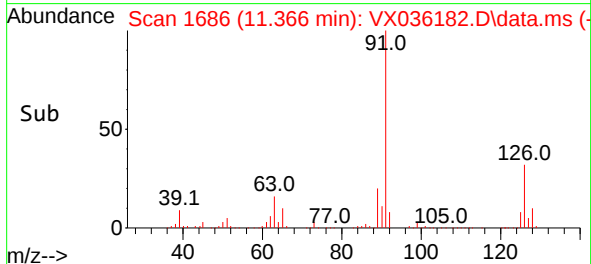
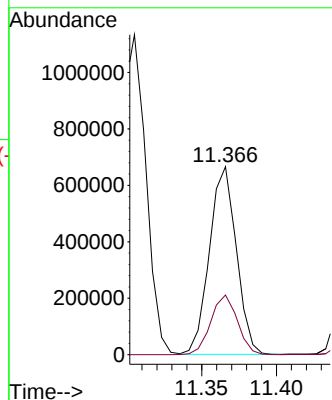
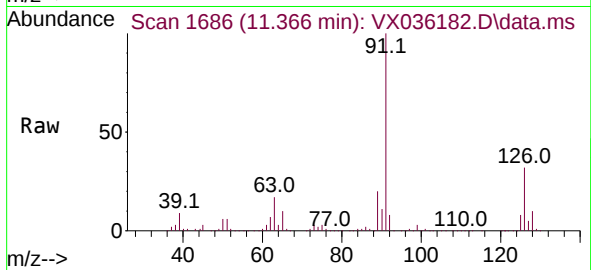
#79
2-Chlorotoluene
Concen: 103.875 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 832798
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

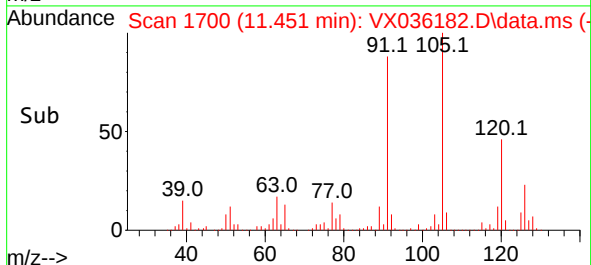
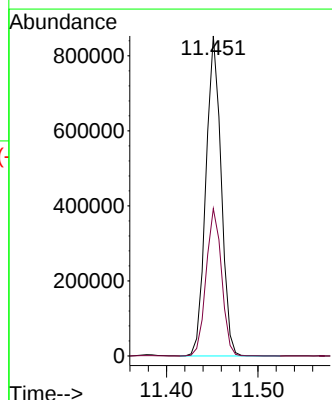
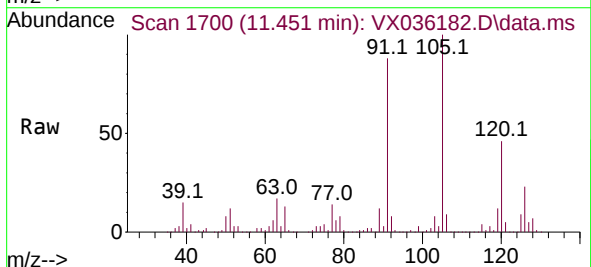
Manual Integrations
APPROVED

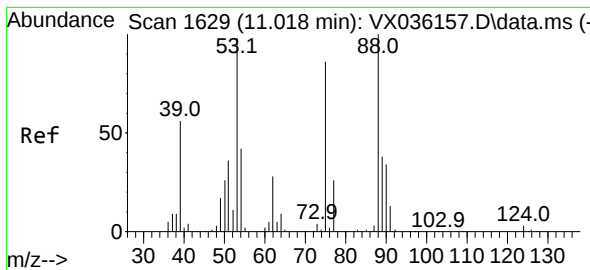
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 106.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion:105 Resp: 983200
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





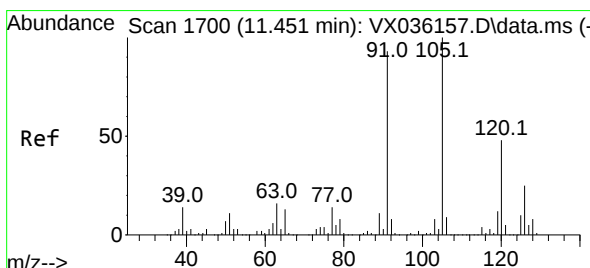
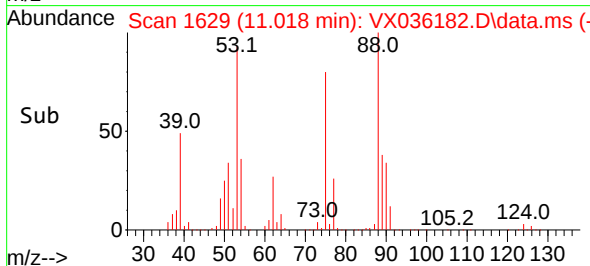
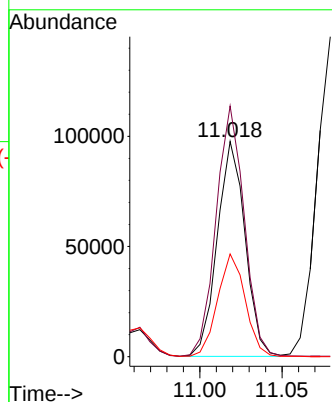
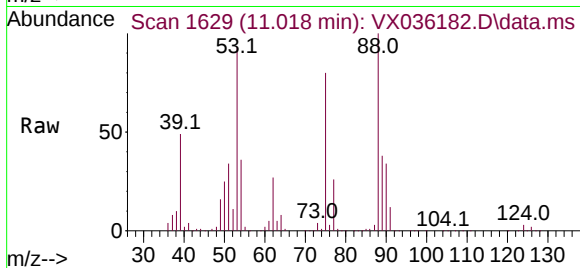
#81
trans-1,4-Dichloro-2-butene
Concen: 96.646 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 114630
Ion Ratio Lower Upper
75 100
53 117.9 90.5 135.7
89 47.5 36.9 55.3

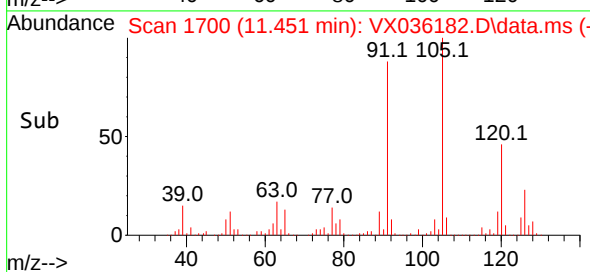
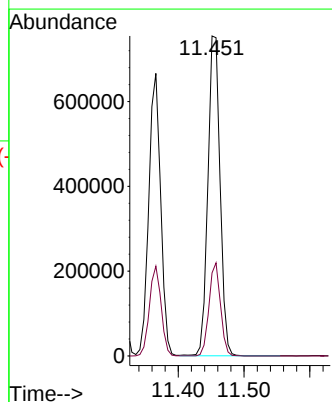
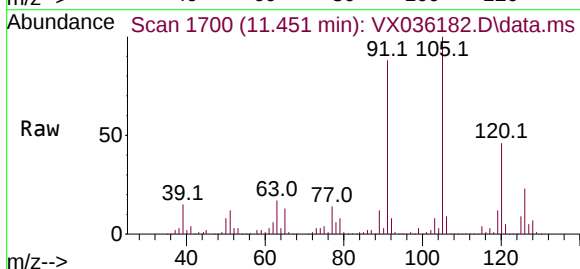
Manual Integrations
APPROVED

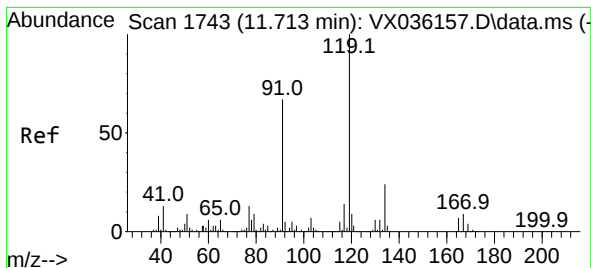
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 104.056 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

Tgt Ion: 91 Resp: 972025
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 107.936 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 946735

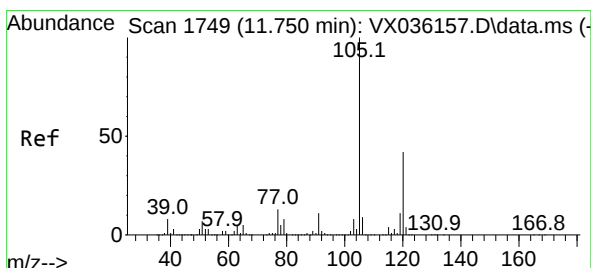
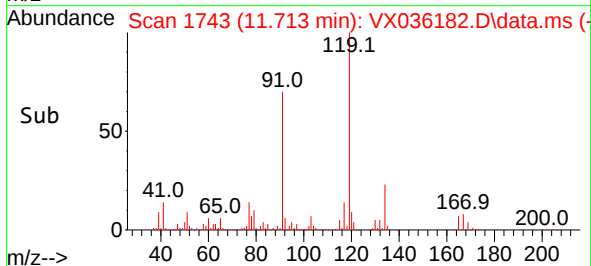
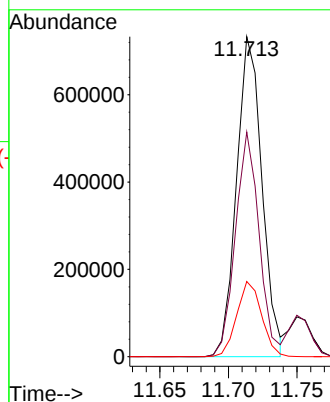
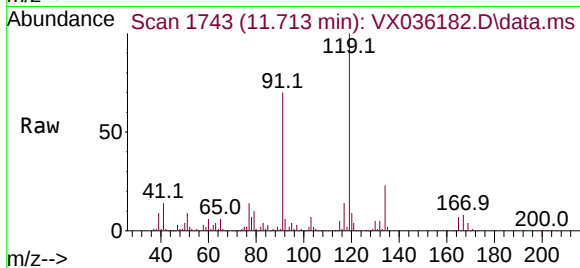
Ion	Ratio	Lower	Upper
119	100		
91	65.5	31.2	93.6
134	23.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 106.905 ug/l

RT: 11.750 min Scan# 1749

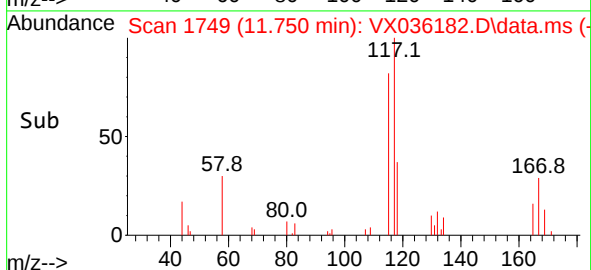
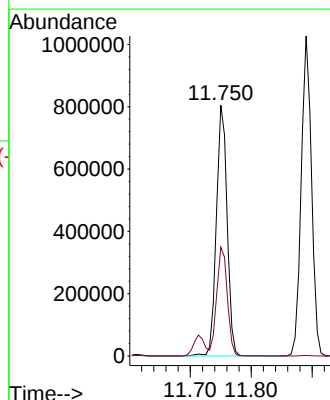
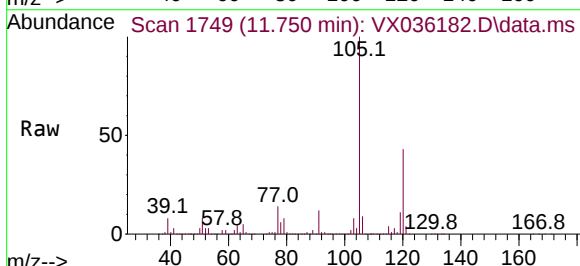
Delta R.T. -0.000 min

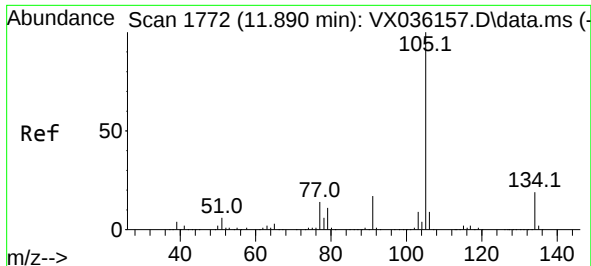
Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Tgt Ion:105 Resp: 983831

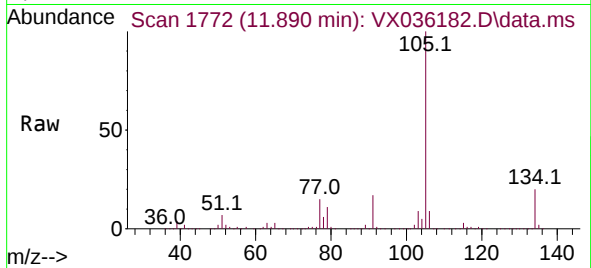
Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 110.338 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00

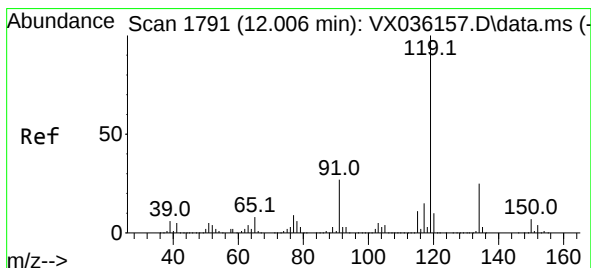
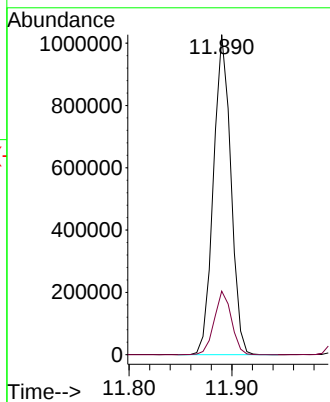
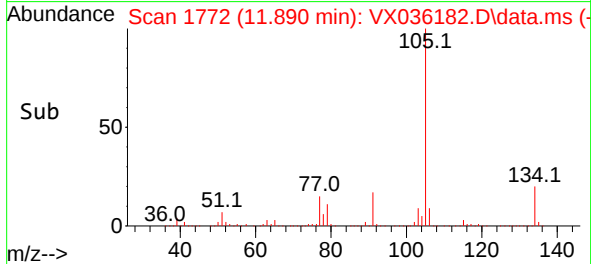
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



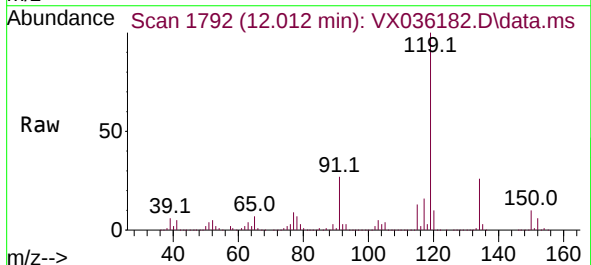
Tgt Ion:105 Resp: 1205070
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

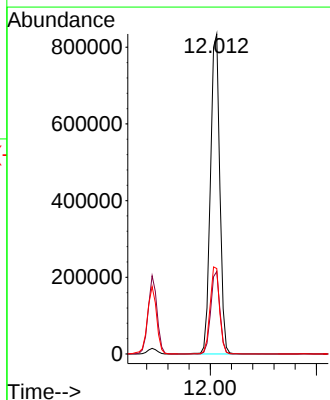
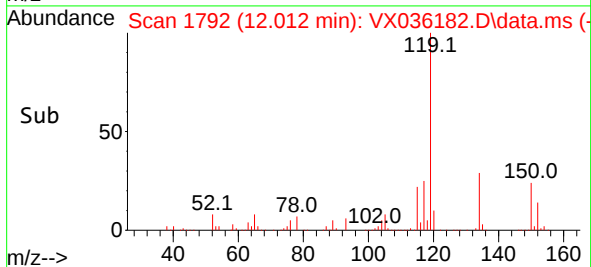
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

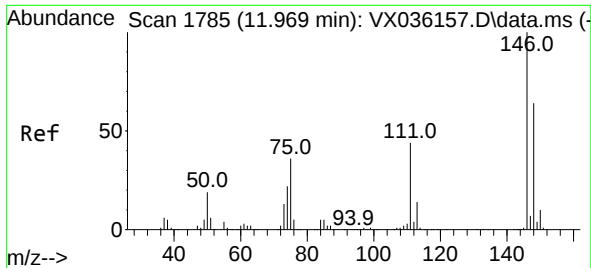


#86
 p-Isopropyltoluene
 Concen: 110.769 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036182.D
 Acq: 16 Jun 2023 14:00



Tgt Ion:119 Resp: 1017827
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 99.077 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 479660

Ion Ratio Lower Upper

146 100

111 45.5 22.1 66.1

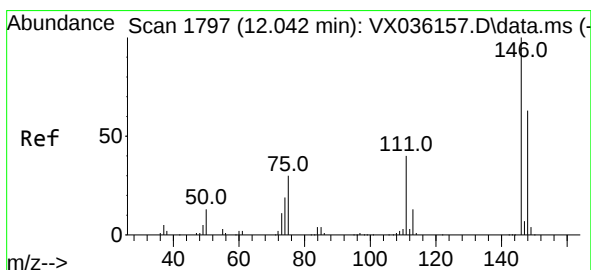
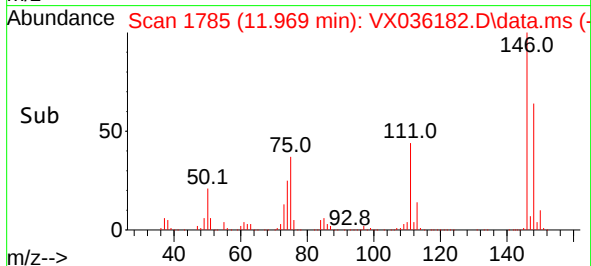
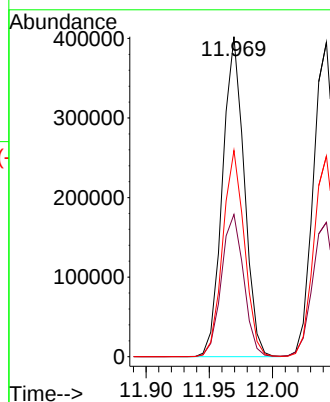
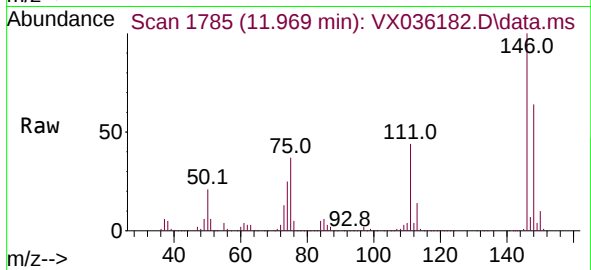
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#88

1,4-Dichlorobenzene

Concen: 99.353 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

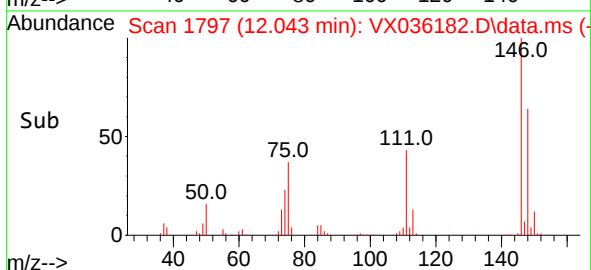
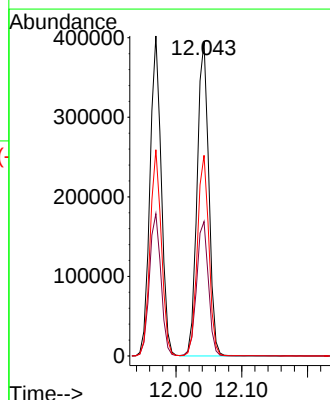
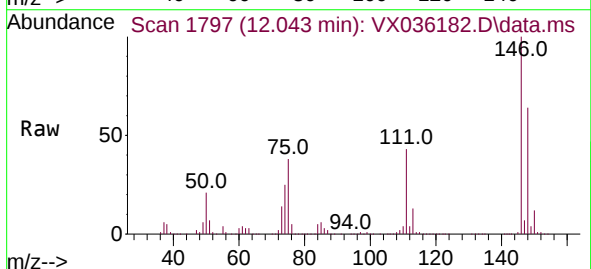
Tgt Ion:146 Resp: 485269

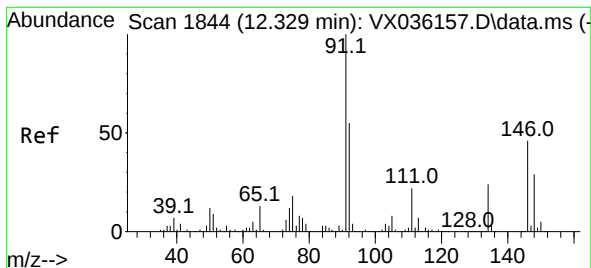
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.7

148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 113.971 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 934600

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.0

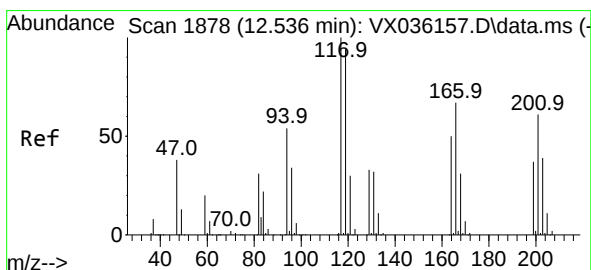
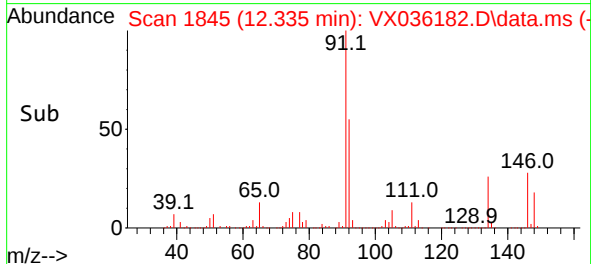
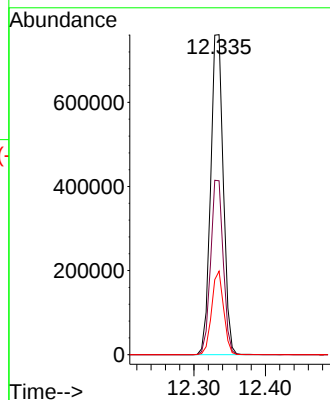
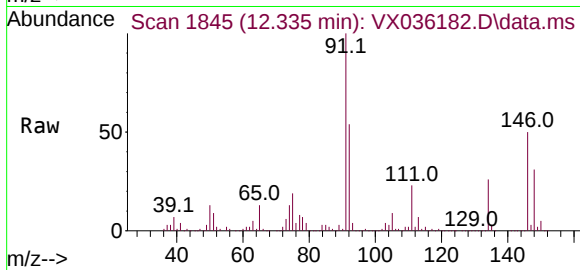
134 24.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#90

Hexachloroethane

Concen: 102.897 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036182.D

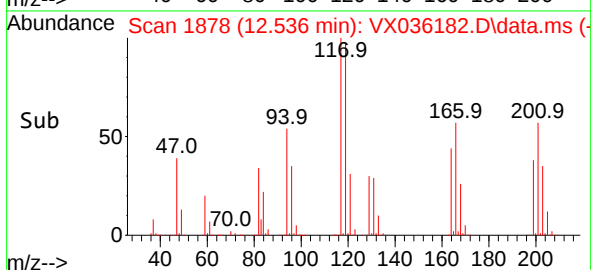
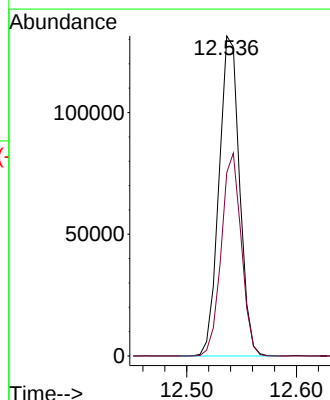
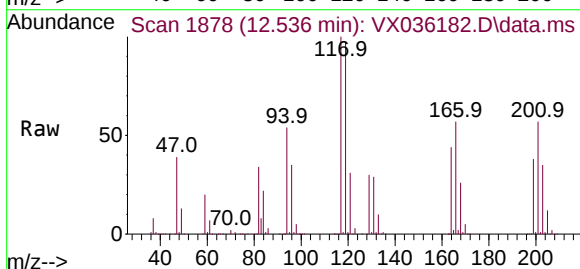
Acq: 16 Jun 2023 14:00

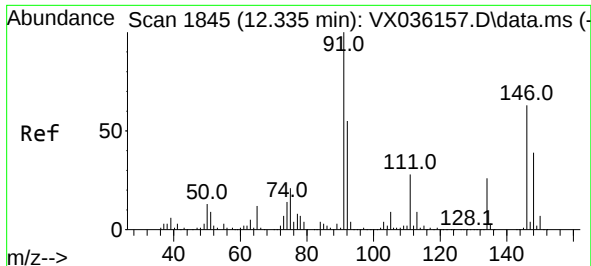
Tgt Ion:117 Resp: 171218

Ion Ratio Lower Upper

117 100

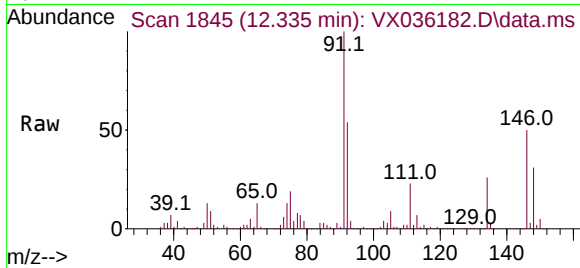
201 61.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 95.600 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

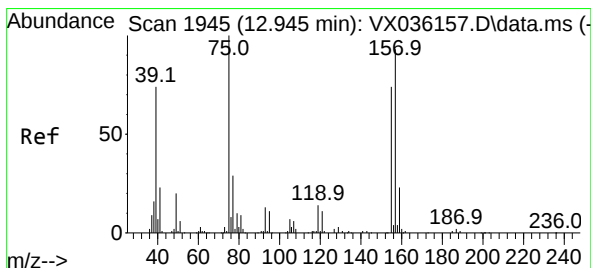
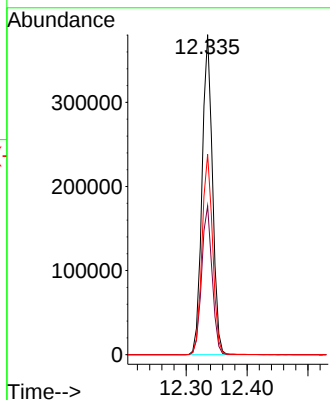
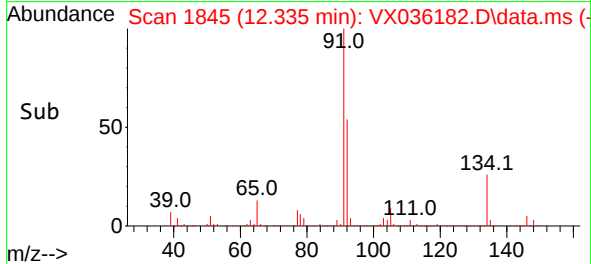
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



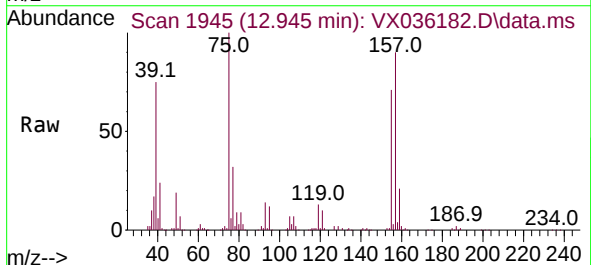
Tgt Ion:146 Resp: 454240
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
APPROVED

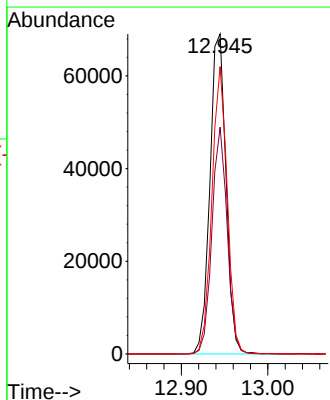
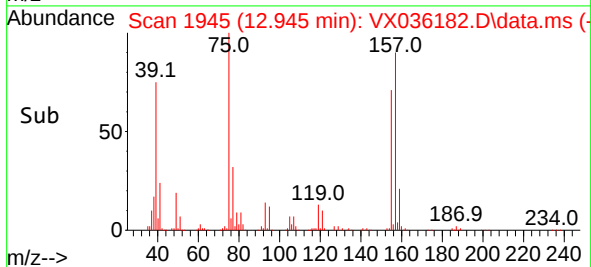
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

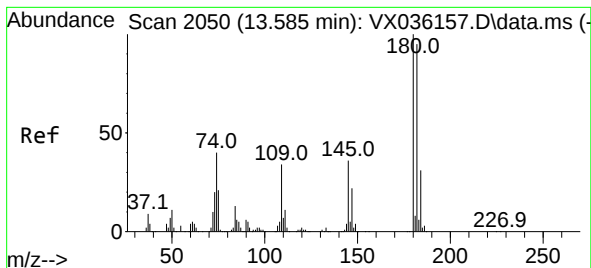


#92
1,2-Dibromo-3-Chloropropane
Concen: 109.008 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion: 75 Resp: 89204
Ion Ratio Lower Upper
75 100
155 66.9 36.1 108.5
157 85.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 104.637 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 28183

Ion Ratio Lower Upper

180 100

182 95.9 48.3 144.8

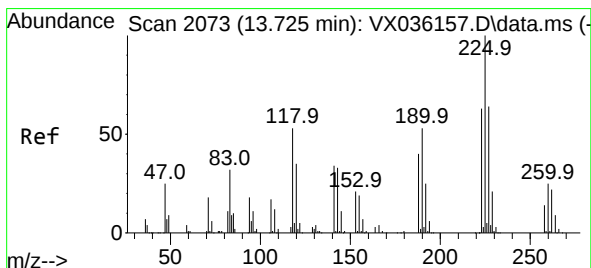
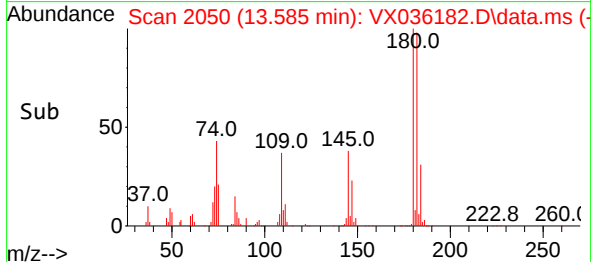
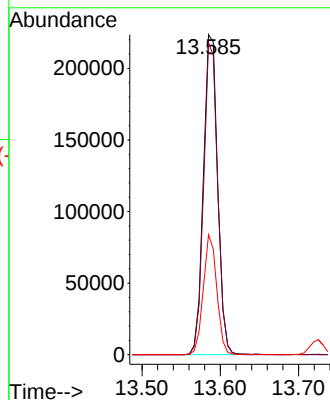
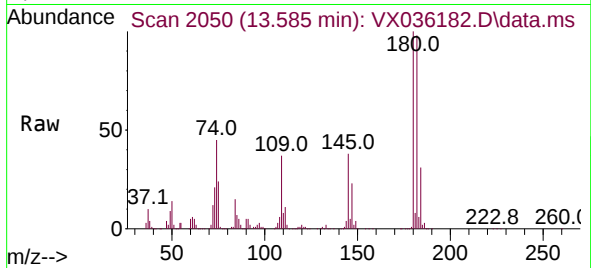
145 35.5 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 102.322 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036182.D

Acq: 16 Jun 2023 14:00

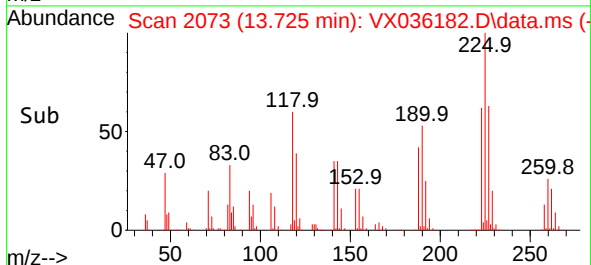
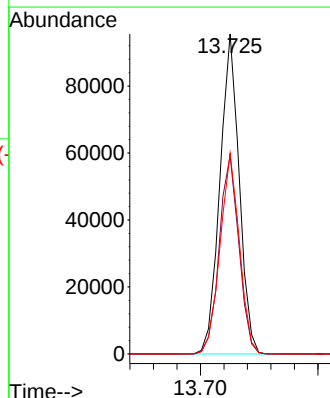
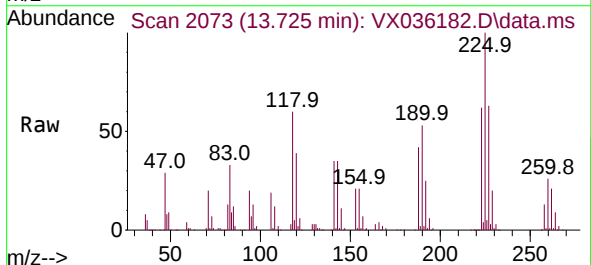
Tgt Ion:225 Resp: 108950

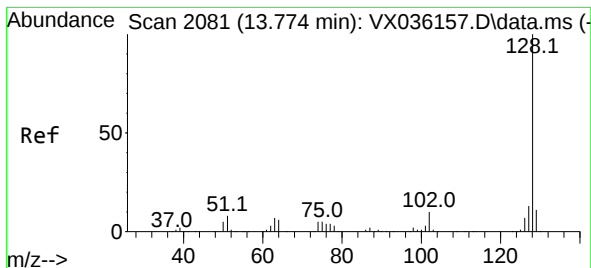
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

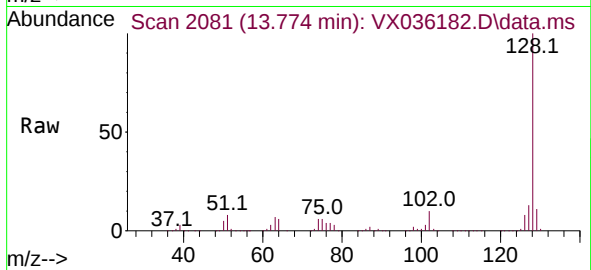
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 107.799 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00

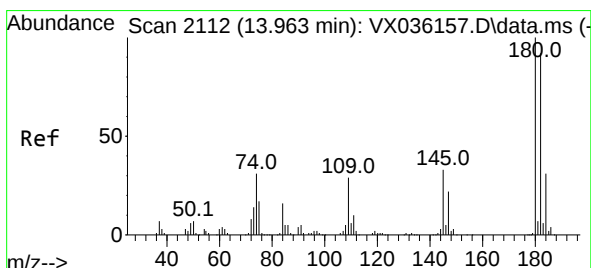
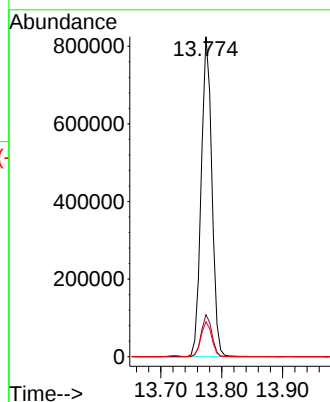
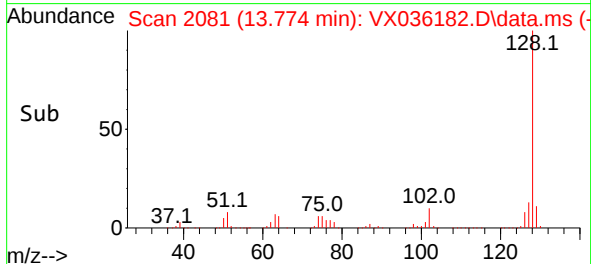
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



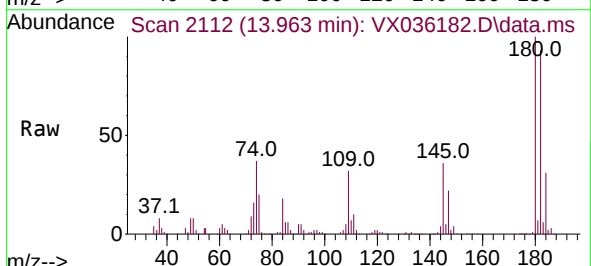
Tgt Ion:128 Resp: 100152
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 103.922 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036182.D
Acq: 16 Jun 2023 14:00



Tgt Ion:180 Resp: 280691
Ion Ratio Lower Upper
180 100
182 93.2 46.9 140.6
145 37.0 17.8 53.5

