

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036180.D
 Acq On : 16 Jun 2023 13:14
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 16 14:54:18 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)

Internal Standards						
1) Pentafluorobenzene	5.556	168	177053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	308833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64755	20.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.020%#		
35) Dibromofluoromethane	5.391	113	42316	20.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.420%#		
50) Toluene-d8	8.647	98	152895	19.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.920%#		
62) 4-Bromofluorobenzene	11.079	95	59262	19.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49222	22.649	ug/l	98
3) Chloromethane	1.294	50	45874	19.951	ug/l	98
4) Vinyl Chloride	1.374	62	45200	20.635	ug/l	99
5) Bromomethane	1.617	94	25067	18.616	ug/l	99
6) Chloroethane	1.691	64	28329	19.988	ug/l	100
7) Trichlorofluoromethane	1.892	101	77689	21.916	ug/l	99
8) Diethyl Ether	2.136	74	26172	19.836	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	44553	22.039	ug/l	96
10) Methyl Iodide	2.453	142	42523	20.400	ug/l	100
11) Tert butyl alcohol	2.983	59	43950	88.822	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	39297	20.557	ug/l	96
13) Acrolein	2.239	56	50349	91.658	ug/l	99
14) Allyl chloride	2.666	41	76888	19.878	ug/l	96
15) Acrylonitrile	3.068	53	125504	99.184	ug/l	99
16) Acetone	2.386	43	125573	98.835	ug/l	98
17) Carbon Disulfide	2.514	76	94556	20.011	ug/l	98
18) Methyl Acetate	2.703	43	100808	19.773	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	145381	19.427	ug/l	98
20) Methylene Chloride	2.794	84	46671	19.163	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	43707	20.578	ug/l	96
22) Diisopropyl ether	3.763	45	156727	20.362	ug/l	87
23) Vinyl Acetate	3.721	43	551571	101.108	ug/l	99
24) 1,1-Dichloroethane	3.611	63	86560	20.354	ug/l	99
25) 2-Butanone	4.556	43	182192	96.823	ug/l	98
26) 2,2-Dichloropropane	4.477	77	65763	19.886	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	49739	20.479	ug/l	98
28) Bromochloromethane	4.897	49	45713	20.620	ug/l	95
29) Tetrahydrofuran	5.007	42	117574	98.377	ug/l	97
30) Chloroform	5.099	83	90759	20.264	ug/l	98
31) Cyclohexane	5.476	56	73951	21.305	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	77869	20.507	ug/l	97
36) 1,1-Dichloropropene	5.696	75	64738	20.985	ug/l	99
37) Ethyl Acetate	4.714	43	70544	19.627	ug/l	100
38) Carbon Tetrachloride	5.678	117	64683	21.569	ug/l	96
39) Methylcyclohexane	7.379	83	73906	22.244	ug/l	97
40) Benzene	6.037	78	179690	20.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39945	20.158	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81583	20.875	ug/l	99
43) Isopropyl Acetate	6.342	43	109924	19.984	ug/l	99
44) Trichloroethene	7.129	130	44735	20.636	ug/l	92
45) 1,2-Dichloropropane	7.427	63	47488	20.590	ug/l	98
46) Dibromomethane	7.580	93	33423	20.342	ug/l	97
47) Bromodichloromethane	7.824	83	64341	20.398	ug/l	99
48) Methyl methacrylate	7.690	41	57093	20.231	ug/l	96
49) 1,4-Dioxane	7.683	88	19174	405.806	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	363038	104.527	ug/l	96
52) Toluene	8.720	92	111497	20.528	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	63059	18.521	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	70991	19.247	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	44858	20.006	ug/l	95
56) Ethyl methacrylate	9.116	69	67141	18.918	ug/l	90
57) 1,3-Dichloropropane	9.305	76	79160	19.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	179477	96.135	ug/l	98
59) 2-Hexanone	9.433	43	270121	104.613	ug/l	95
60) Dibromochloromethane	9.518	129	42638	19.482	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46773	20.006	ug/l	100
64) Tetrachloroethene	9.275	164	36096	21.075	ug/l	96
65) Chlorobenzene	10.079	112	115784	20.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41075	20.866	ug/l	98
67) Ethyl Benzene	10.195	91	213869	20.993	ug/l	97
68) m/p-Xylenes	10.299	106	164035	42.678	ug/l	96
69) o-Xylene	10.640	106	78809	20.782	ug/l	96
70) Styrene	10.652	104	131131	20.753	ug/l	97
71) Bromoform	10.799	173	25870	18.595	ug/l #	99
73) Isopropylbenzene	10.963	105	209830	20.898	ug/l	100
74) N-amyl acetate	10.841	43	94378	20.801	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	69575	20.237	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	67960m	20.211	ug/l	
77) Bromobenzene	11.195	156	45666	19.412	ug/l	90
78) n-propylbenzene	11.305	91	252429	21.371	ug/l	99
79) 2-Chlorotoluene	11.366	91	156156	21.019	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	183315	21.441	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	16174	19.333	ug/l #	81
82) 4-Chlorotoluene	11.451	91	180593	20.863	ug/l	98
83) tert-Butylbenzene	11.713	119	172185	21.184	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	182927	21.450	ug/l	99
85) sec-Butylbenzene	11.890	105	222592	21.994	ug/l	100
86) p-Isopropyltoluene	12.006	119	186715	21.928	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91907	20.486	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	92754	20.493	ug/l	97
89) n-Butylbenzene	12.329	91	166627	21.927	ug/l	97
90) Hexachloroethane	12.536	117	27338	19.211	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	89293	20.280	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16296	21.490	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	53225	21.325	ug/l	98
94) Hexachlorobutadiene	13.725	225	21400	21.689	ug/l	98
95) Naphthalene	13.774	128	184202	21.396	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53258	21.279	ug/l	99

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VSTDICC020

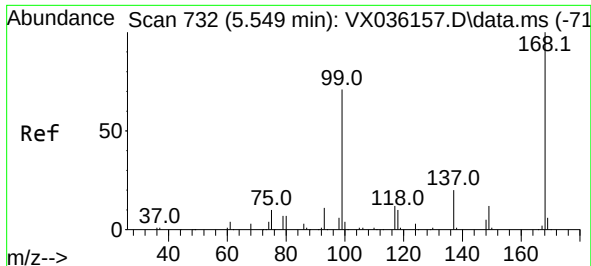
Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



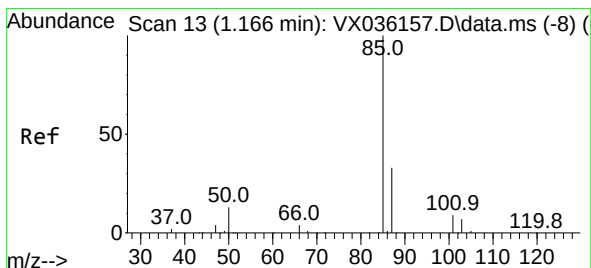
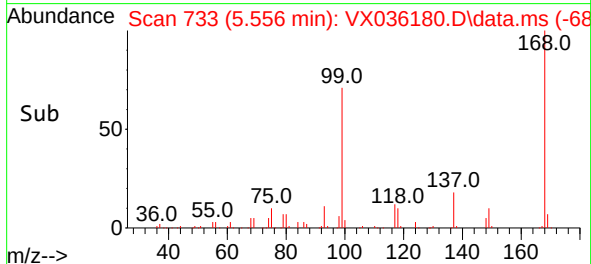
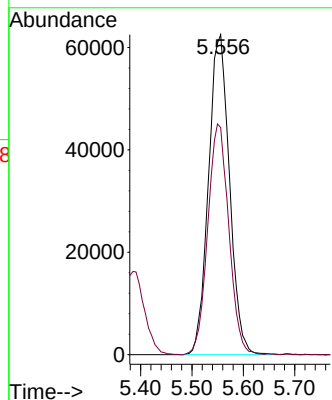
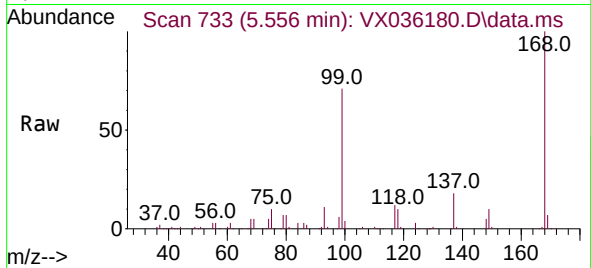
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 17705
Ion Ratio Lower Upper
168 100
99 71.0 56.6 85.0

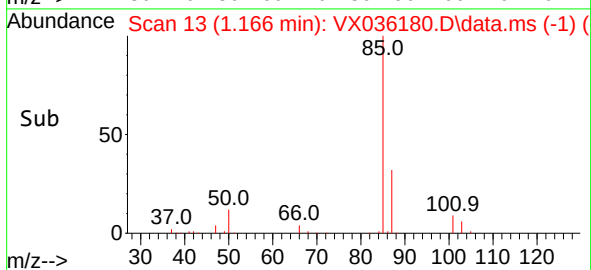
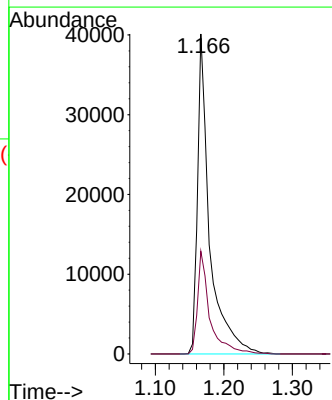
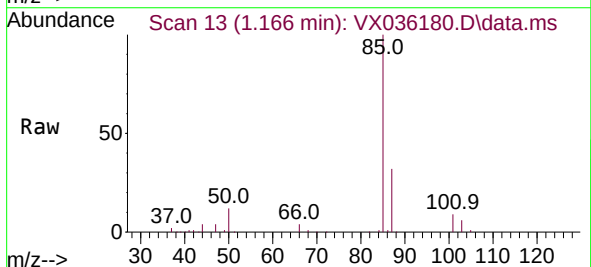
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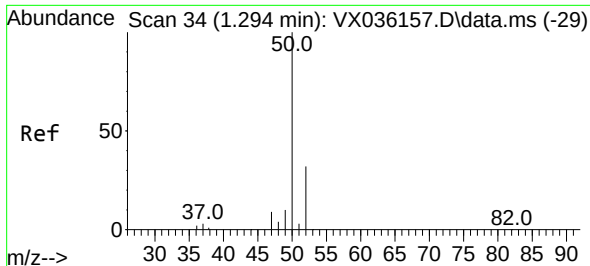
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 22.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 85 Resp: 49222
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





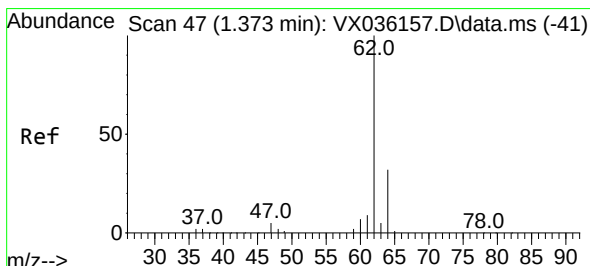
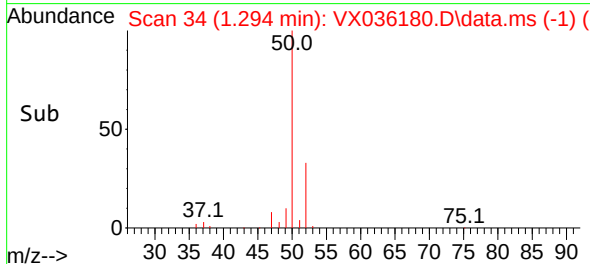
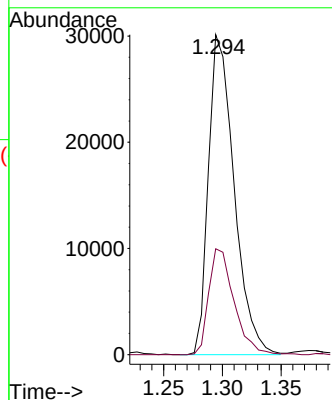
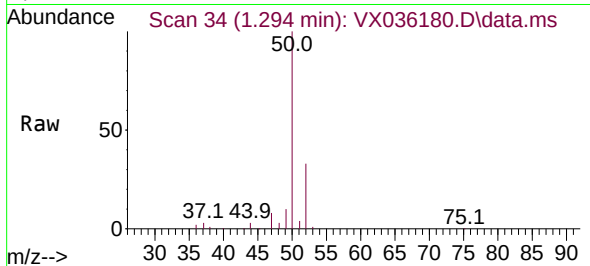
#3
Chloromethane
Concen: 19.951 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 45874
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

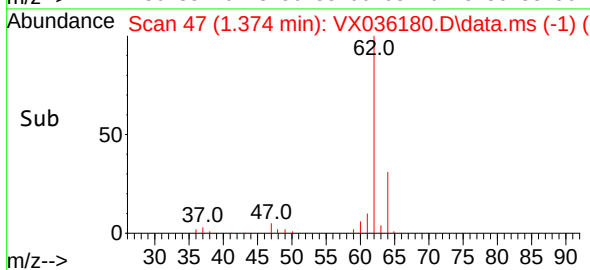
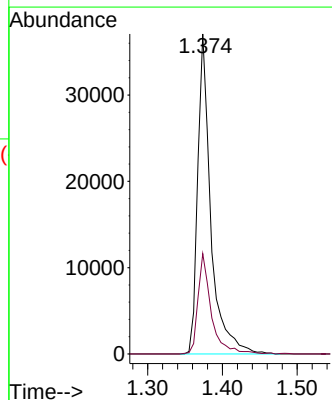
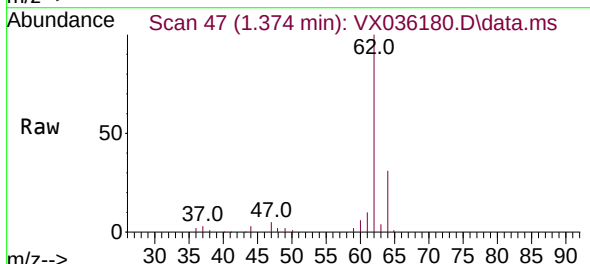
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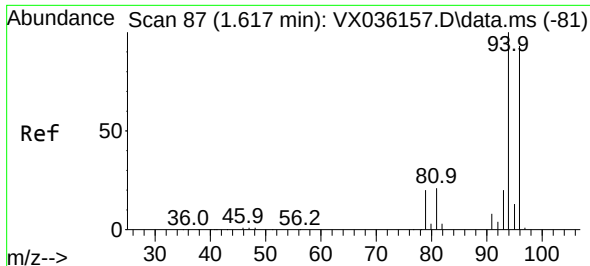
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#4
Vinyl Chloride
Concen: 20.635 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 62 Resp: 45200
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





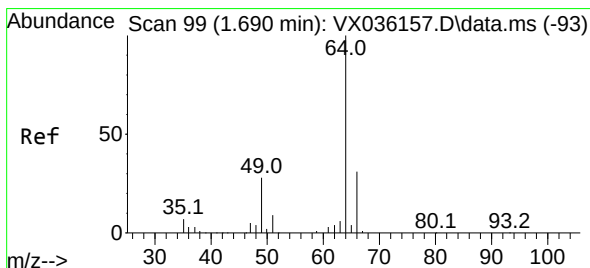
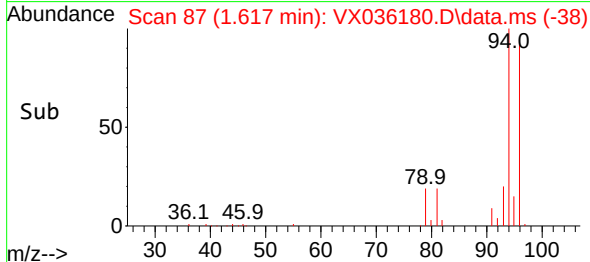
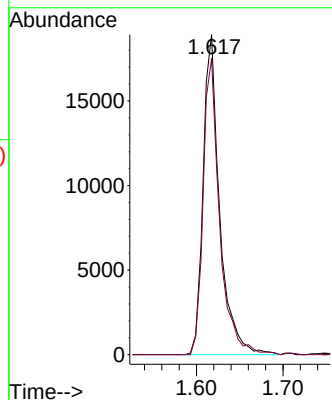
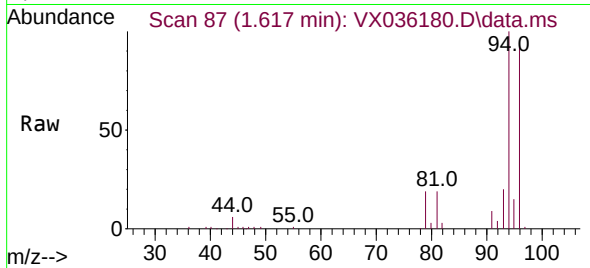
#5
Bromomethane
Concen: 18.616 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 2506
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

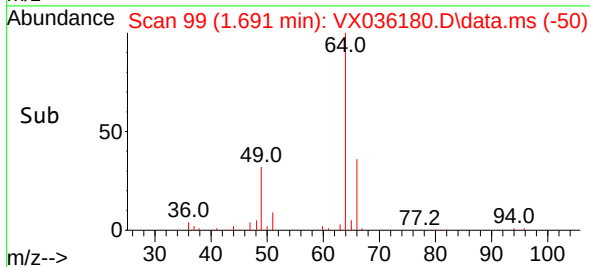
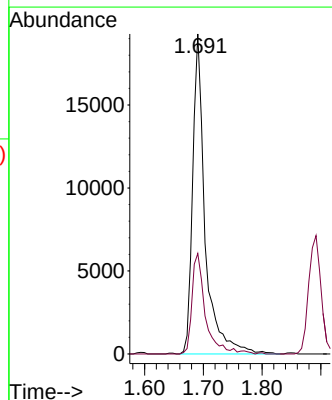
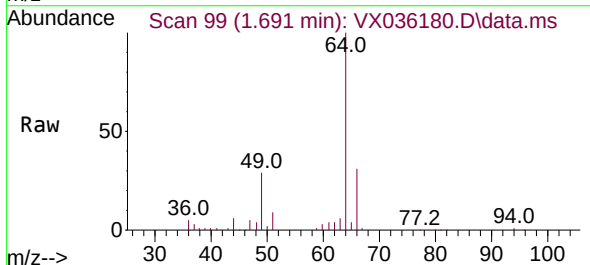
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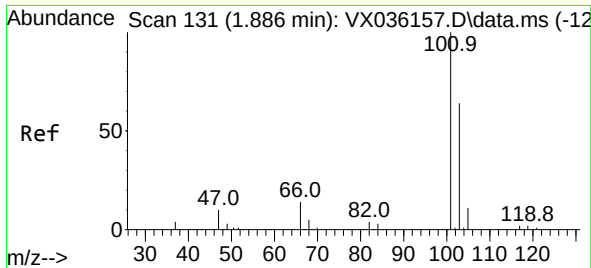
Reviewed By :John Carlone 06/16/2023
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#6
Chloroethane
Concen: 19.988 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

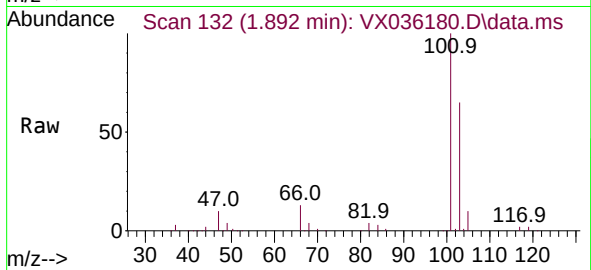
Tgt Ion: 64 Resp: 28329
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 21.916 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

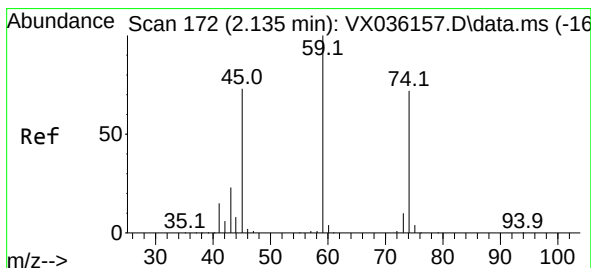
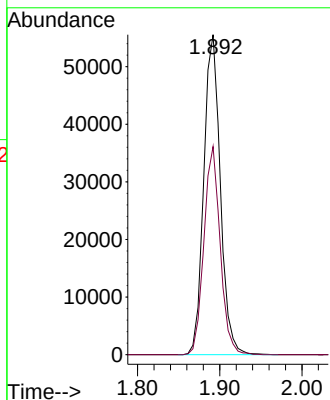
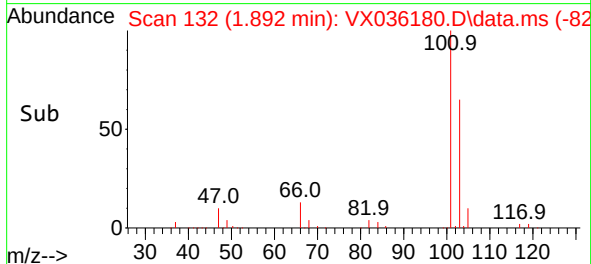
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:101 Resp: 77689
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

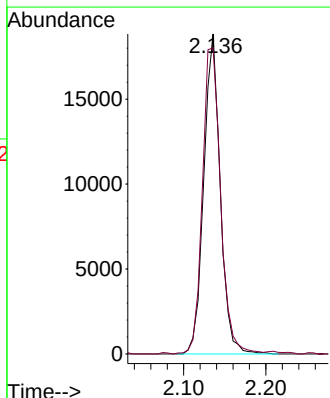
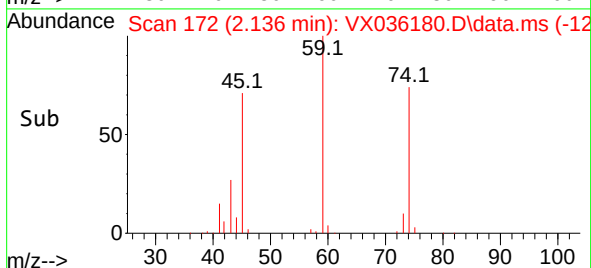
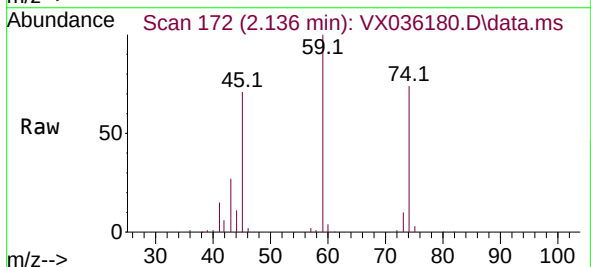
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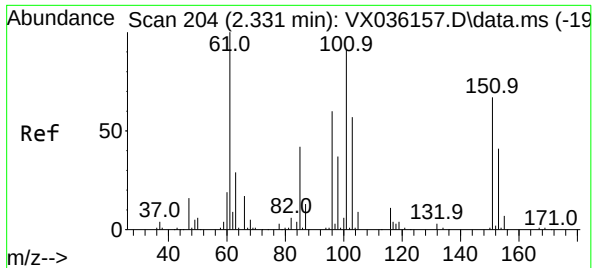
Reviewed By :John Carlone 06/16/2023
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#8
Diethyl Ether
Concen: 19.836 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 74 Resp: 26172
Ion Ratio Lower Upper
74 100
45 106.0 53.3 159.8





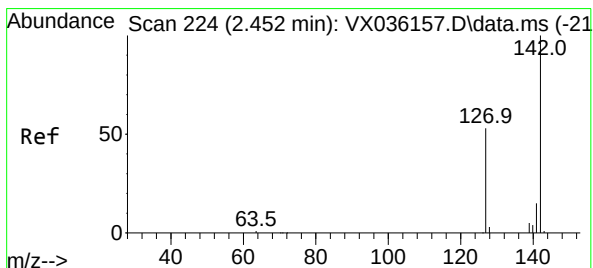
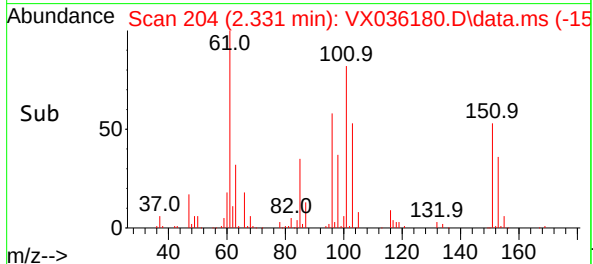
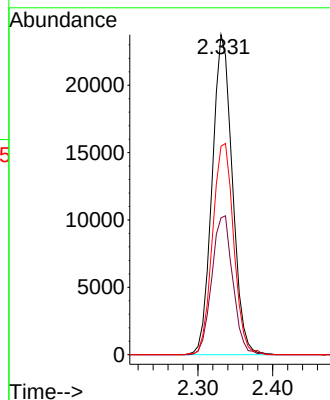
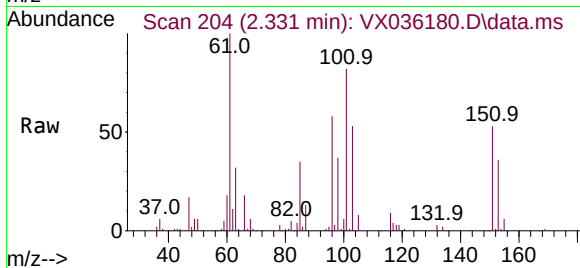
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.039 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 4455
Ion Ratio Lower Upper
101 100
85 45.2 37.0 55.6
151 69.0 58.6 87.8

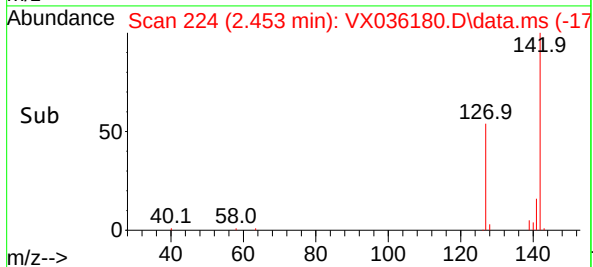
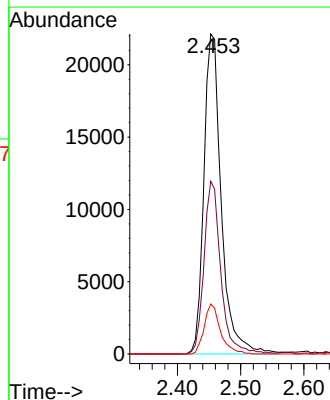
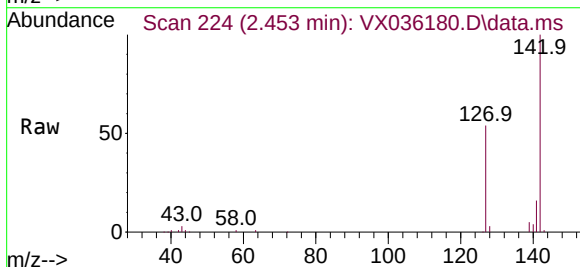
Manual Integrations
APPROVED

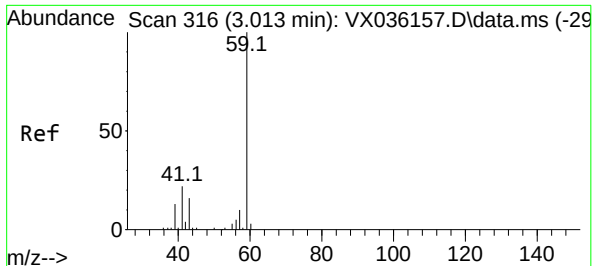
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 20.400 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:142 Resp: 42523
Ion Ratio Lower Upper
142 100
127 52.0 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 88.822 ug/l

RT: 2.983 min Scan# 316

Delta R.T. -0.030 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 43950

Ion Ratio Lower Upper

59 100

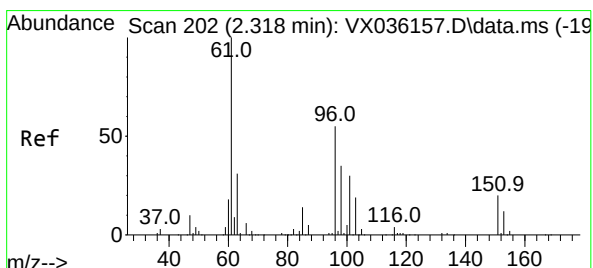
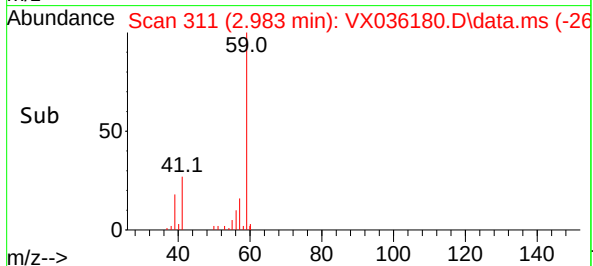
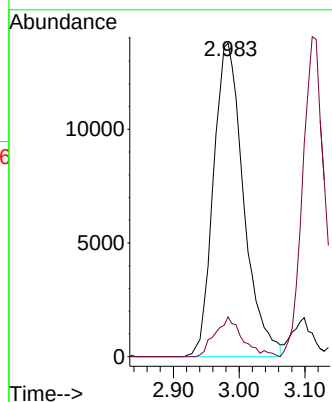
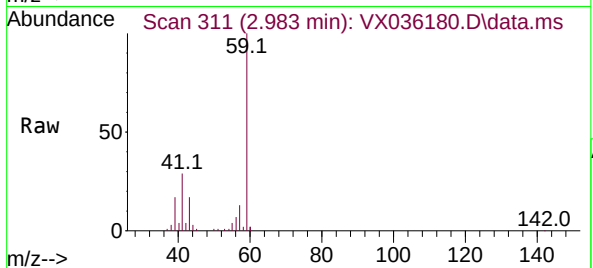
57 11.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#12

1,1-Dichloroethene

Concen: 20.557 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

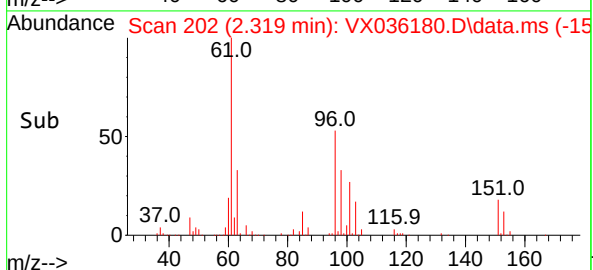
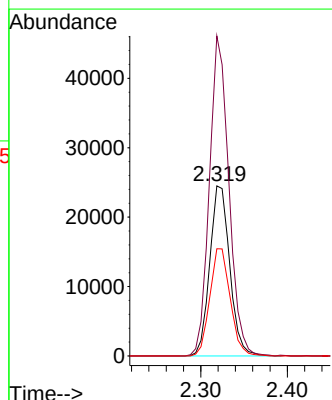
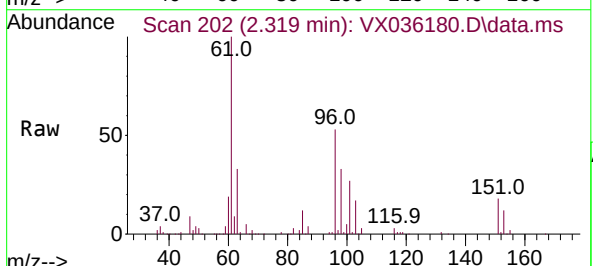
Tgt Ion: 96 Resp: 39297

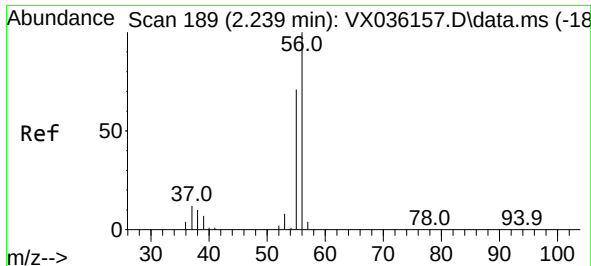
Ion Ratio Lower Upper

96 100

61 188.2 144.6 216.8

98 63.0 50.4 75.6





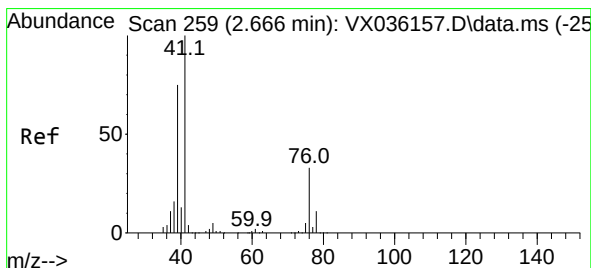
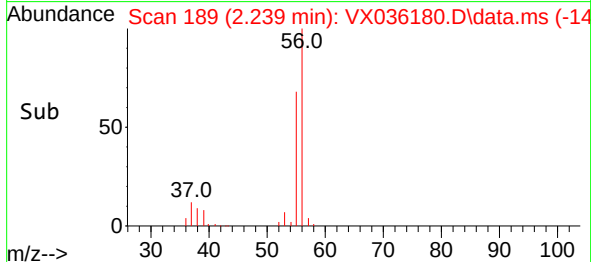
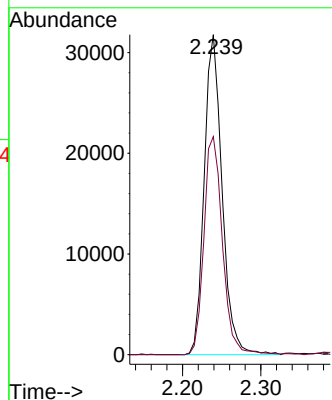
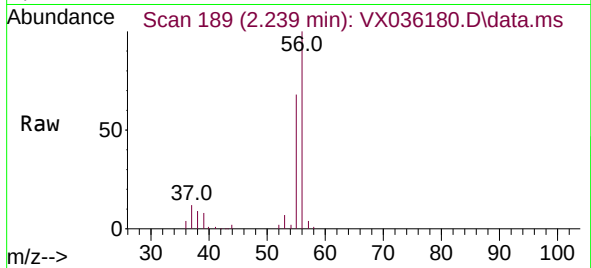
#13
Acrolein
Concen: 91.658 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 50349
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

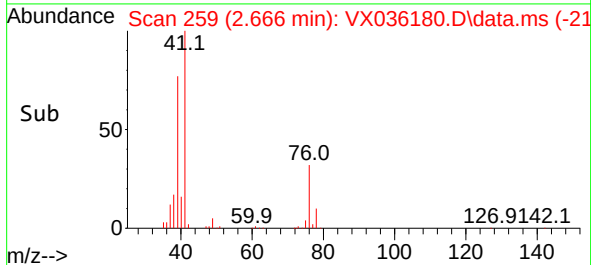
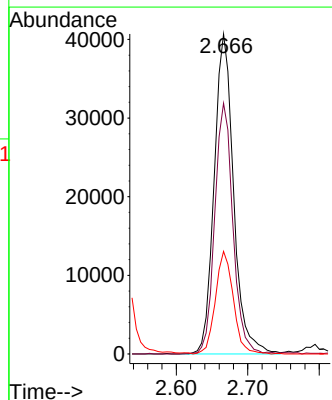
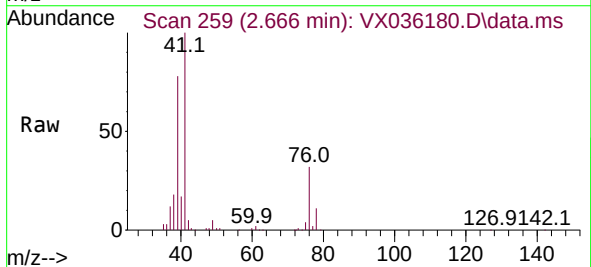
Manual Integrations
APPROVED

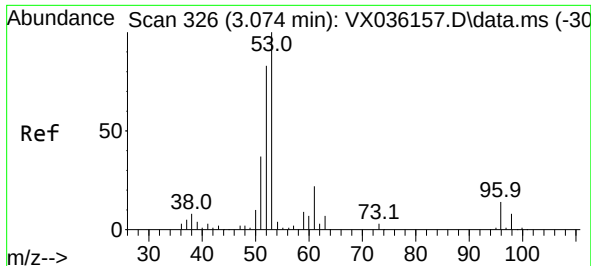
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#14
Allyl chloride
Concen: 19.878 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

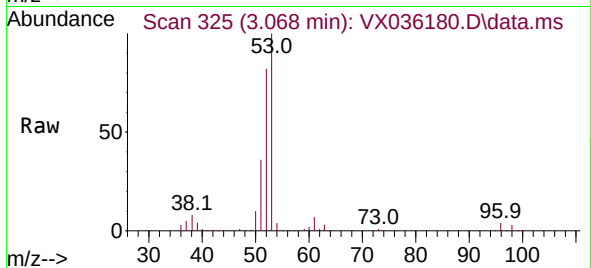
Tgt Ion: 41 Resp: 76888
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 29.5 24.3 36.5





#15
Acrylonitrile
Concen: 99.184 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

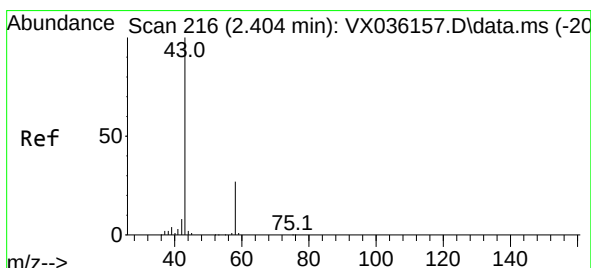
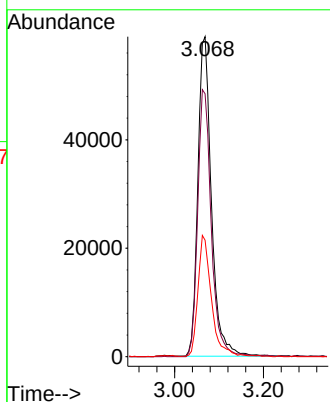
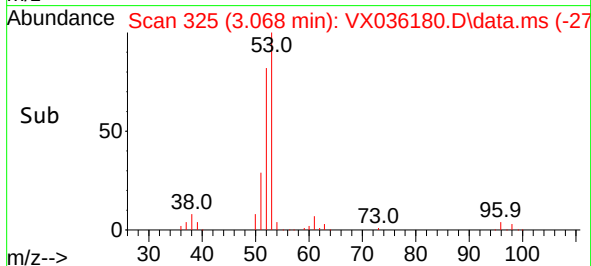
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 125504
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 38.1 29.8 44.6

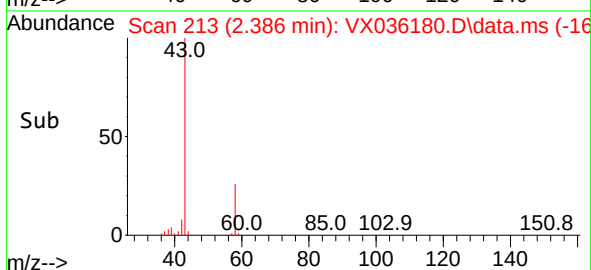
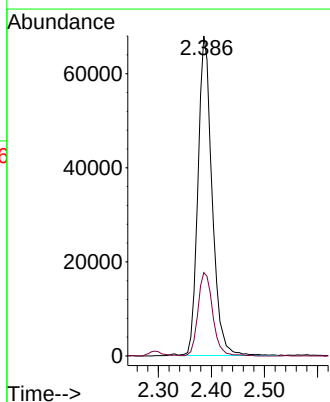
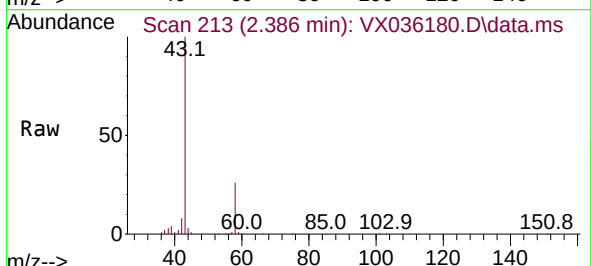
Manual Integrations
APPROVED

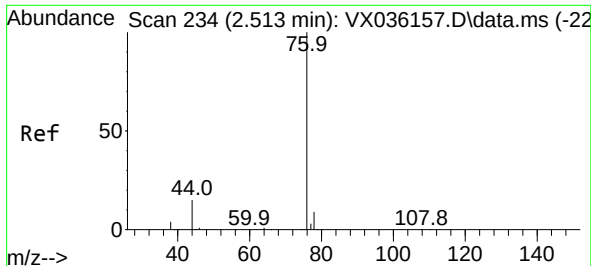
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 98.835 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 43 Resp: 125573
Ion Ratio Lower Upper
43 100
58 26.1 21.9 32.9





#17

Carbon Disulfide

Concen: 20.011 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 94550

Ion Ratio Lower Upper

76 100

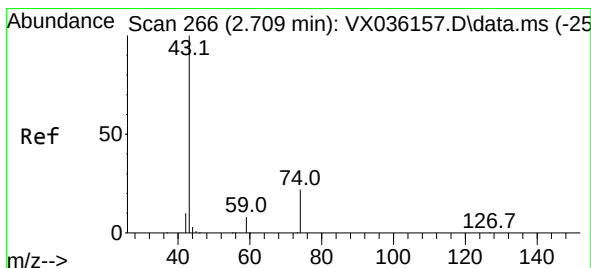
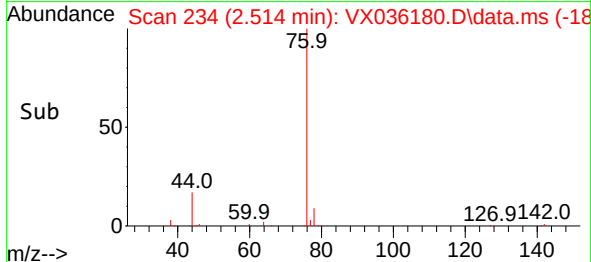
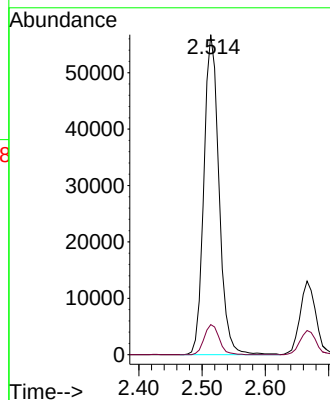
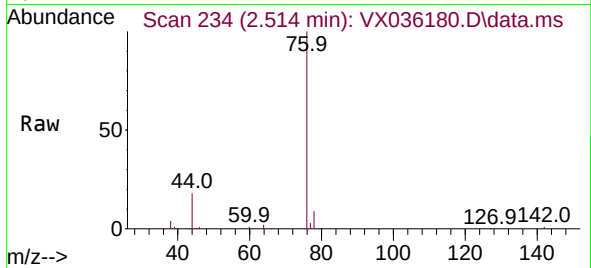
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#18

Methyl Acetate

Concen: 19.773 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036180.D

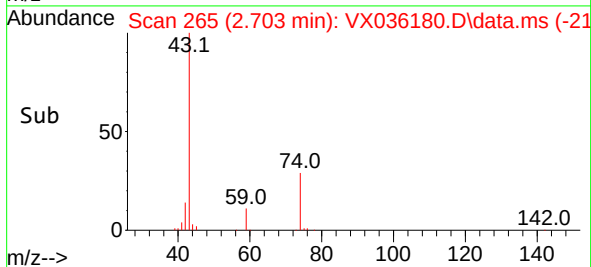
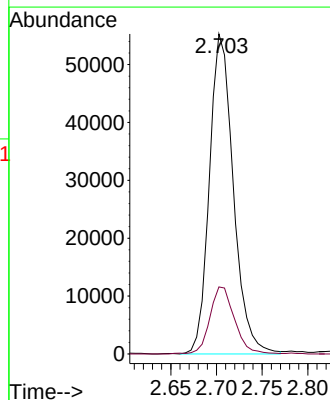
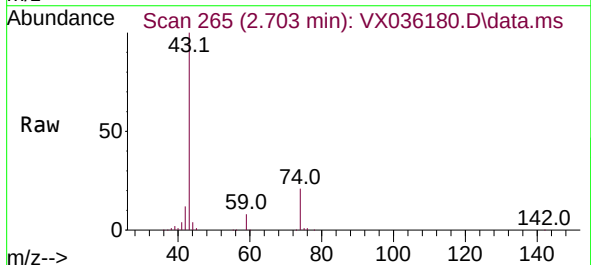
Acq: 16 Jun 2023 13:14

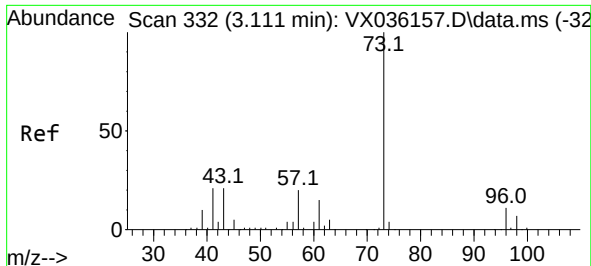
Tgt Ion: 43 Resp: 100808

Ion Ratio Lower Upper

43 100

74 21.6 17.8 26.8





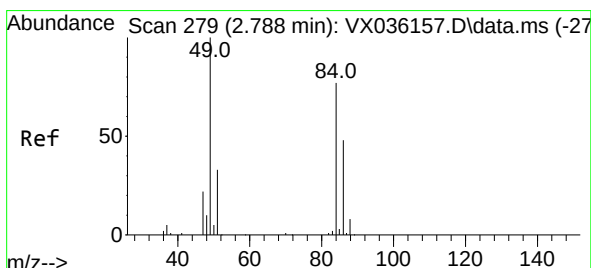
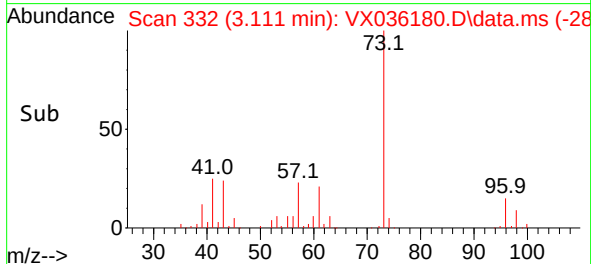
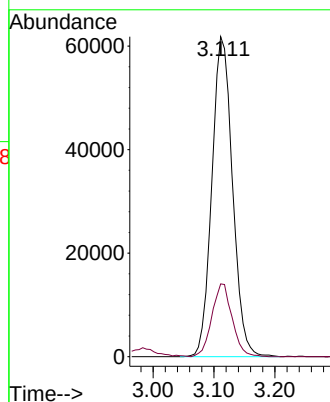
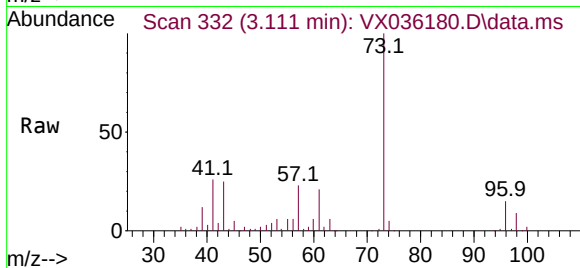
#19
Methyl tert-butyl Ether
Concen: 19.427 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 14538
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

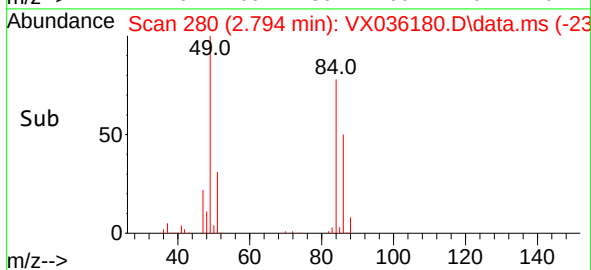
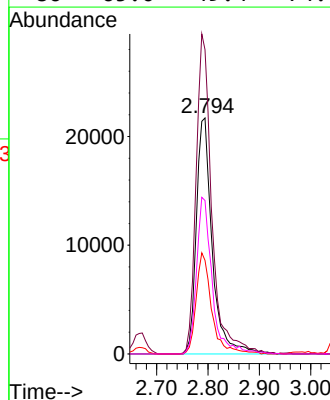
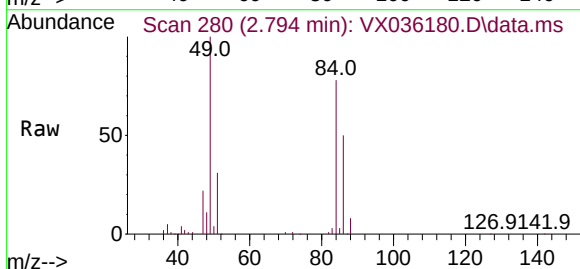
Manual Integrations
APPROVED

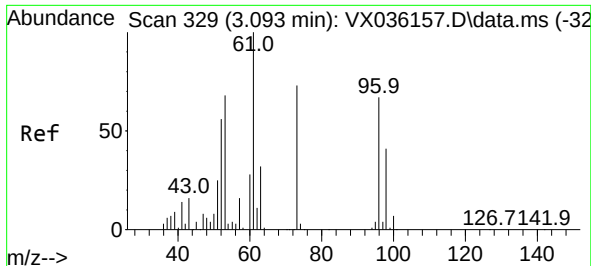
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 19.163 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

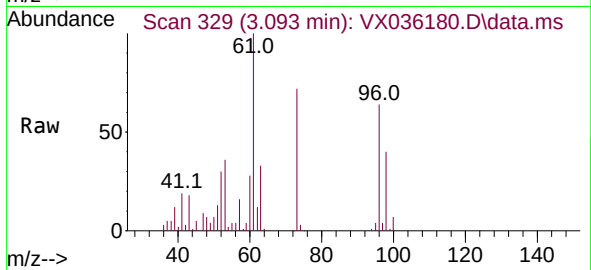
Tgt Ion: 84 Resp: 46671
Ion Ratio Lower Upper
84 100
49 128.9 103.6 155.4
51 39.7 33.8 50.6
86 65.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

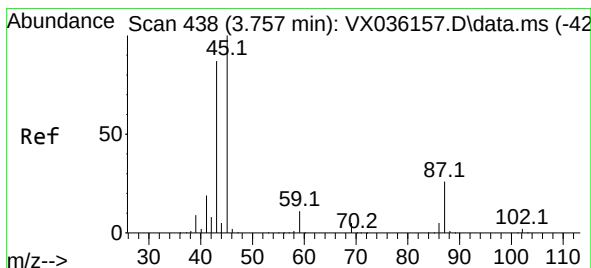
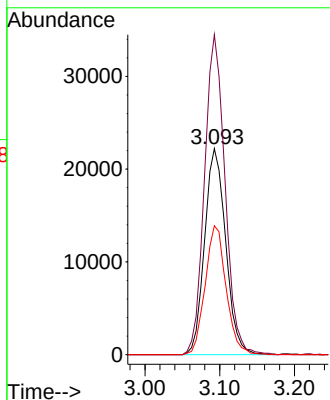
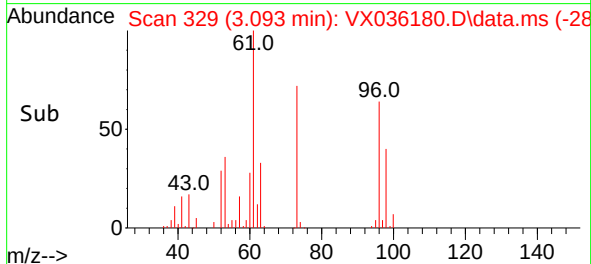
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



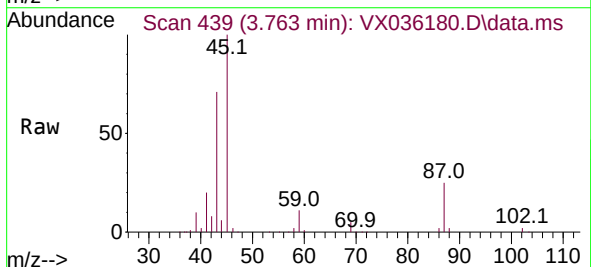
Tgt Ion: 96 Resp: 4370
Ion Ratio Lower Upper
96 100
61 155.3 119.2 178.8
98 62.6 48.7 73.1

Manual Integrations
APPROVED

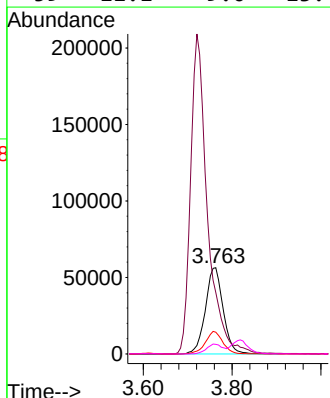
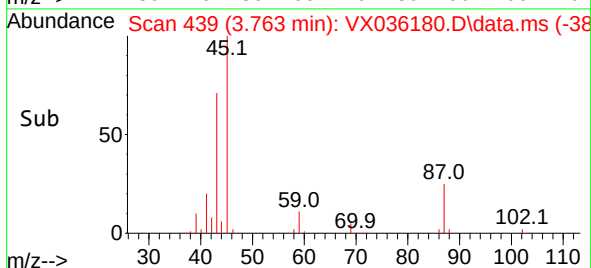
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

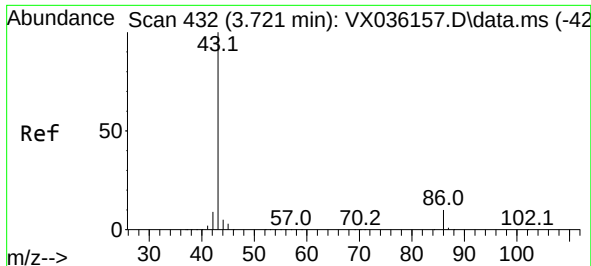


#22
Diisopropyl ether
Concen: 20.362 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14



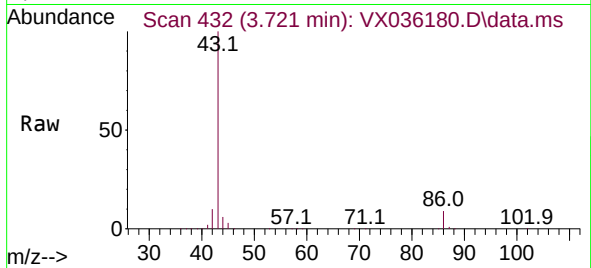
Tgt Ion: 45 Resp: 156727
Ion Ratio Lower Upper
45 100
43 70.4 69.7 104.5
87 25.1 20.8 31.2
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 101.108 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

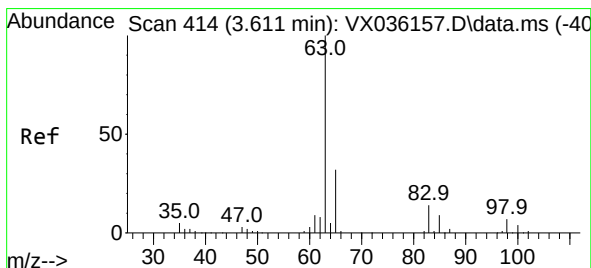
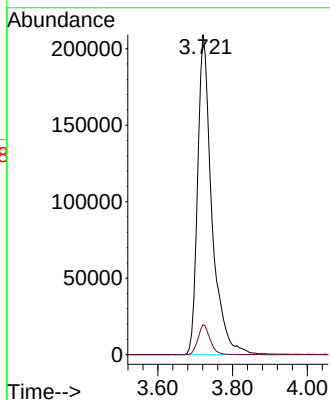
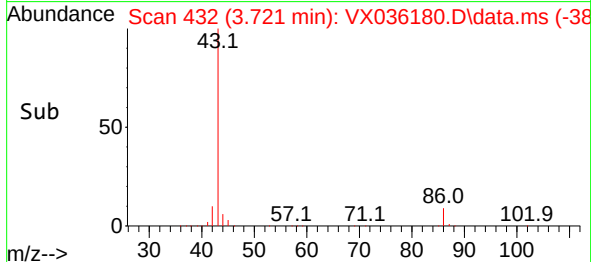
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



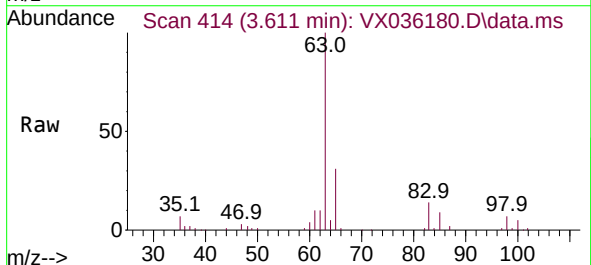
Tgt Ion: 43 Resp: 55157
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

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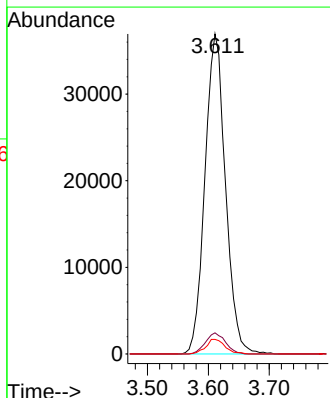
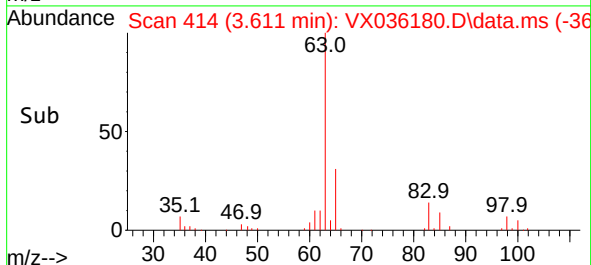
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

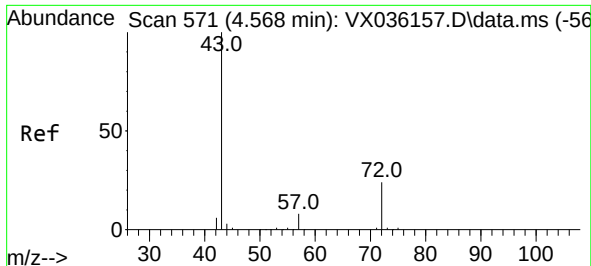


#24
 1,1-Dichloroethane
 Concen: 20.354 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14



Tgt Ion: 63 Resp: 86560
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.6 2.1 6.5





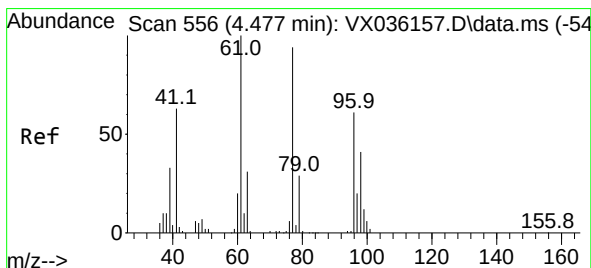
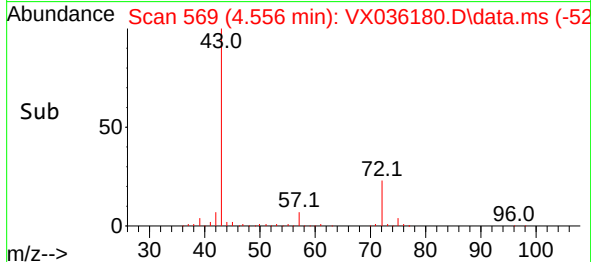
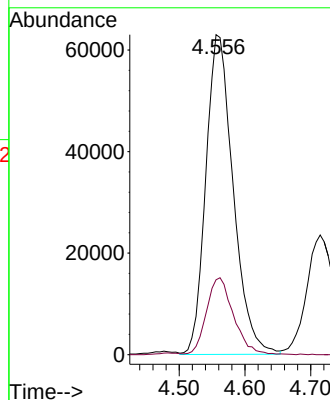
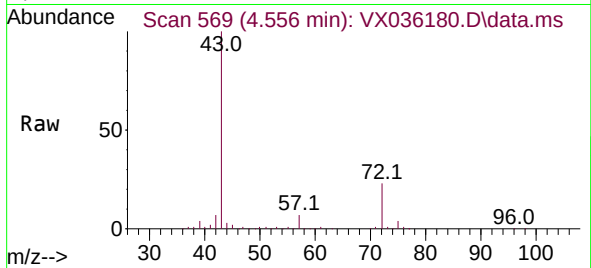
#25
2-Butanone
Concen: 96.823 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 43 Resp: 182192
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2

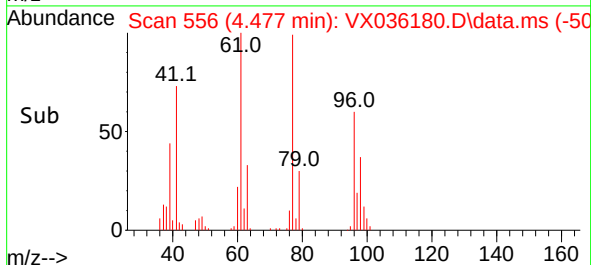
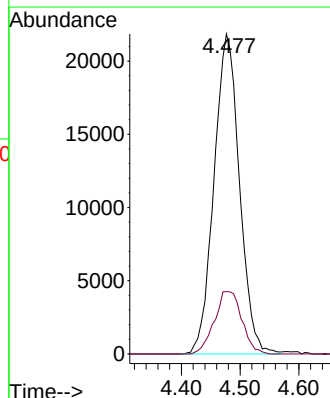
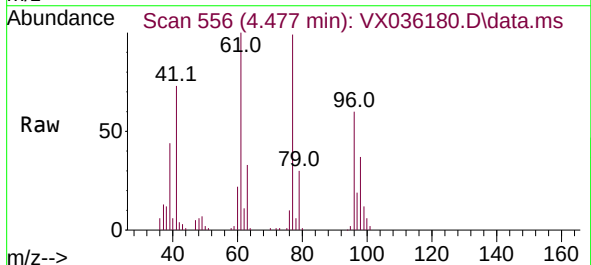
Manual Integrations
APPROVED

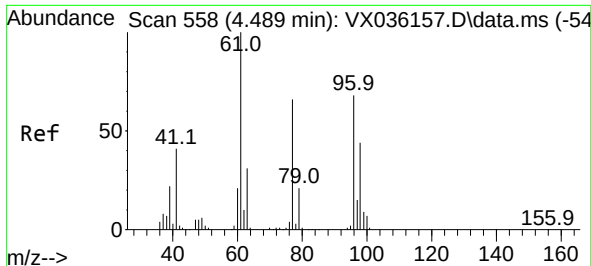
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 19.886 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

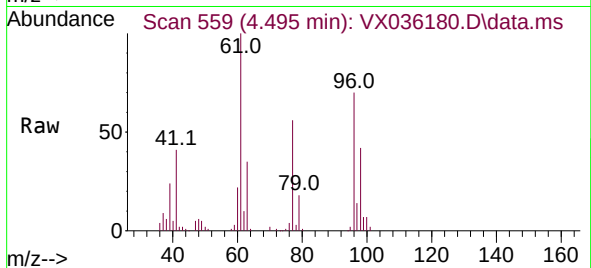
Tgt Ion: 77 Resp: 65763
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.479 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

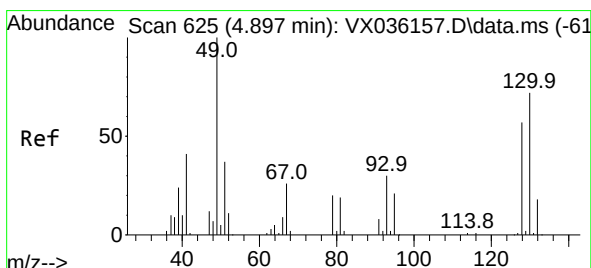
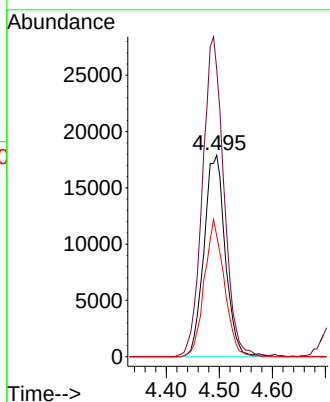
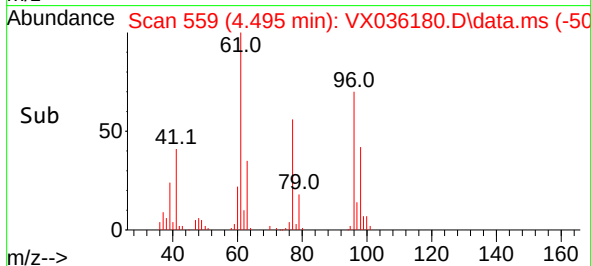
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 49739
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 312.2
 98 63.7 0.0 129.0

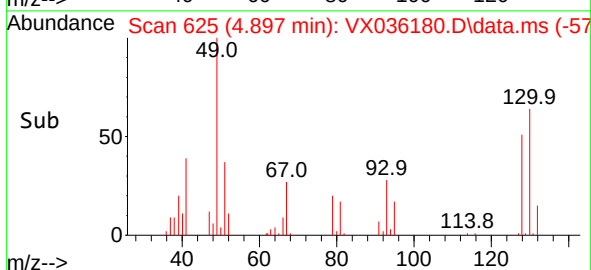
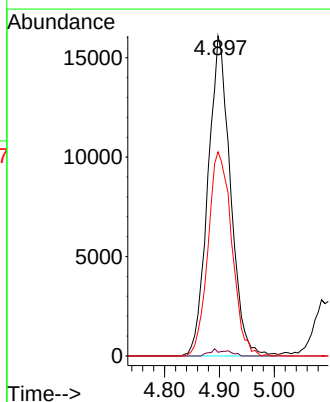
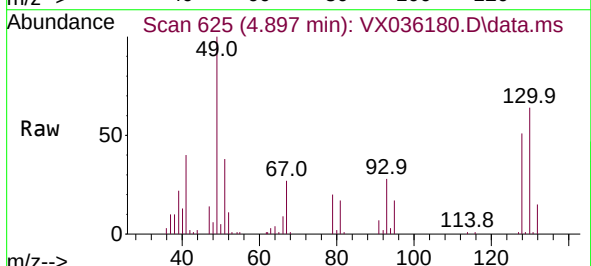
Manual Integrations
 APPROVED

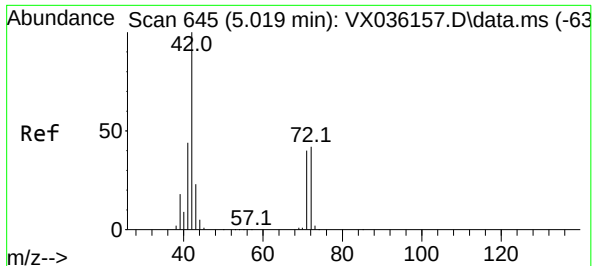
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#28
 Bromochloromethane
 Concen: 20.620 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Tgt Ion: 49 Resp: 45713
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 67.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 98.377 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 117574

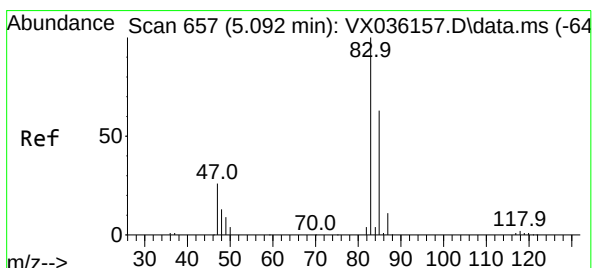
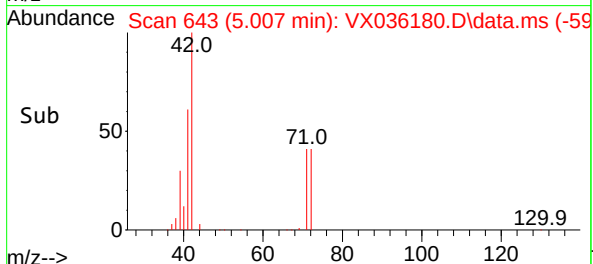
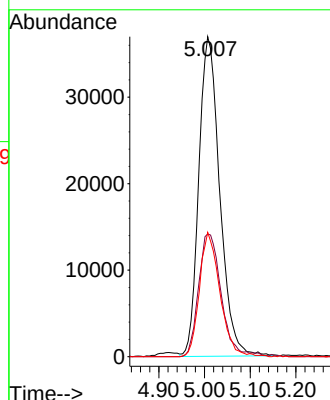
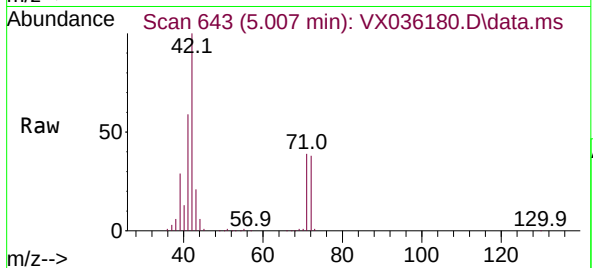
Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.4
71	38.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 20.264 ug/l

RT: 5.099 min Scan# 658

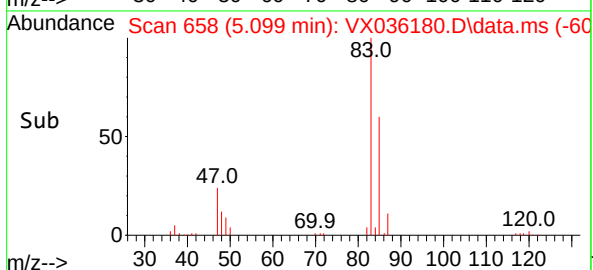
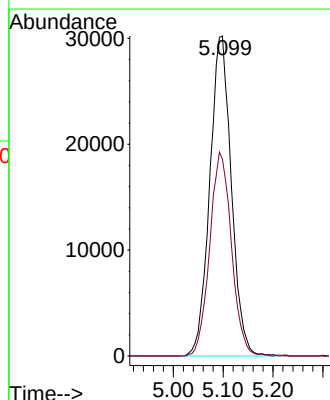
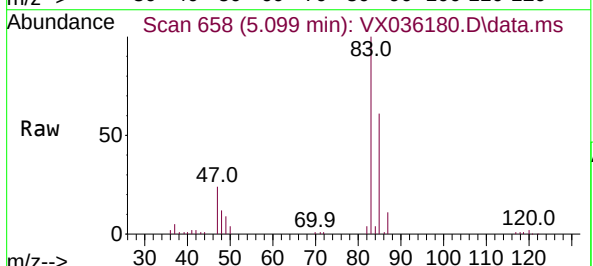
Delta R.T. 0.007 min

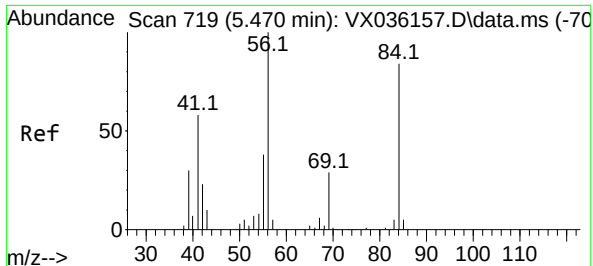
Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion: 83 Resp: 90759

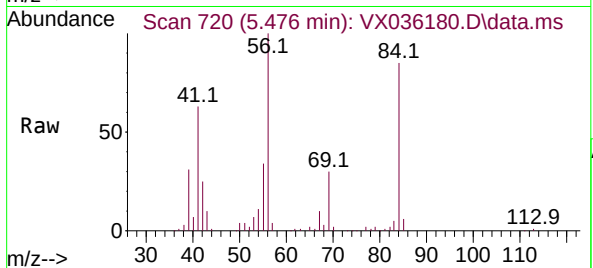
Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.3	75.5





#31
Cyclohexane
Concen: 21.305 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

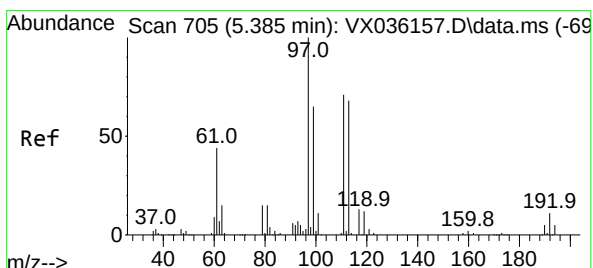
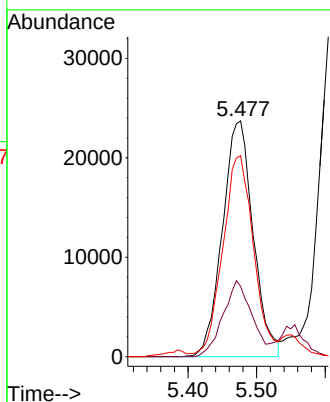
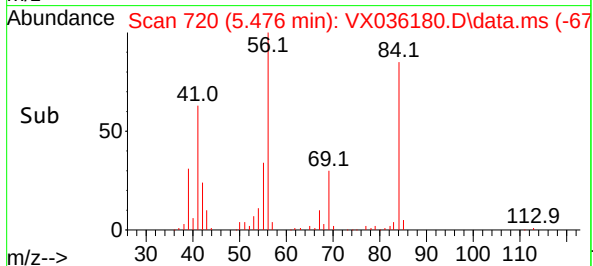
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 7395
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 82.2 65.9 98.9

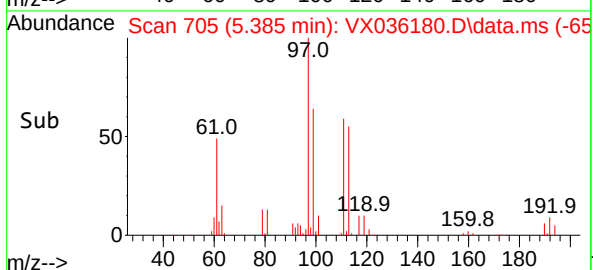
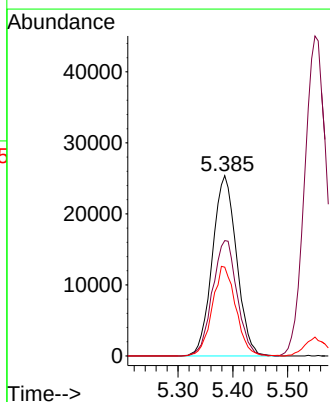
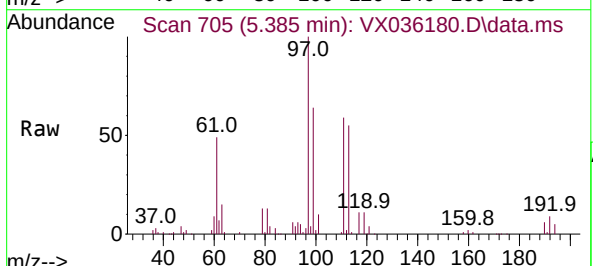
Manual Integrations
APPROVED

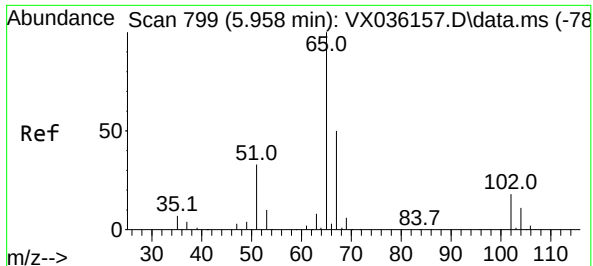
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#32
1,1,1-Trichloroethane
Concen: 20.507 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 97 Resp: 77869
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.014 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 6475

Ion Ratio Lower Upper

65 100

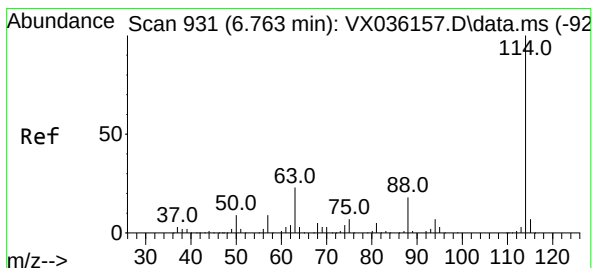
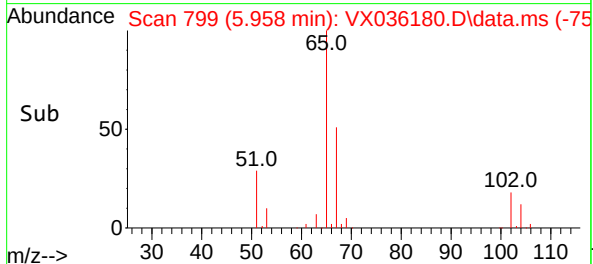
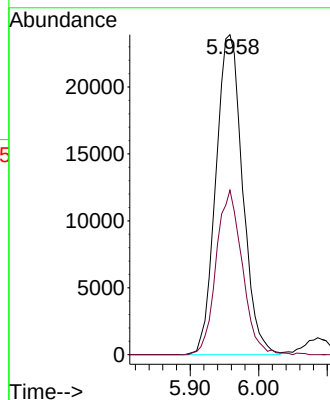
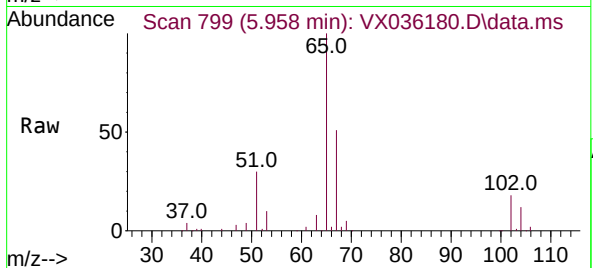
67 50.1 0.0 100.2

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: VX036180.D

Acq: 16 Jun 2023 13:14

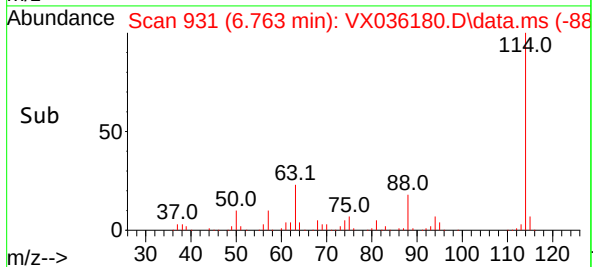
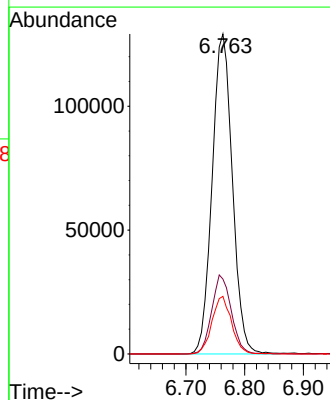
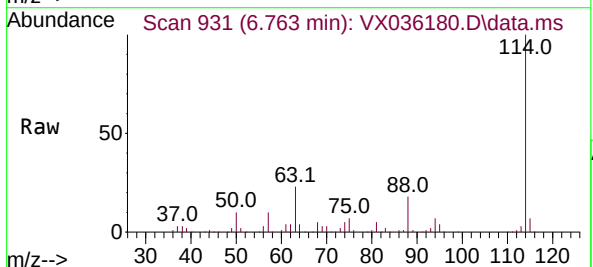
Tgt Ion:114 Resp: 308833

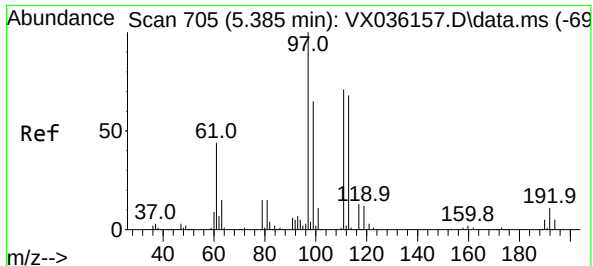
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 18.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 20.206 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:113 Resp: 42310

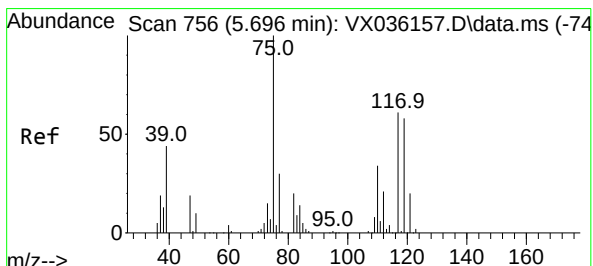
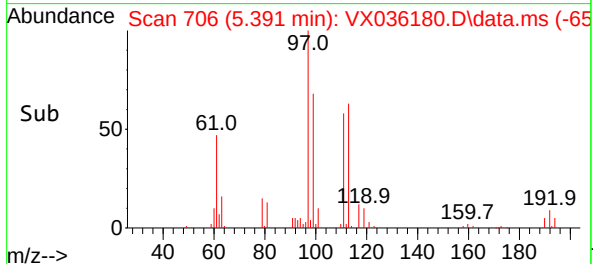
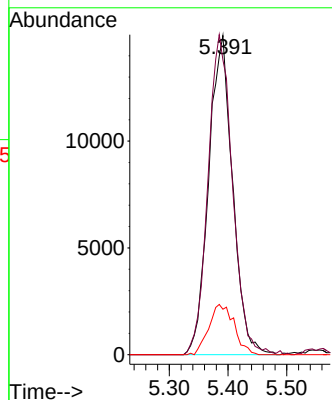
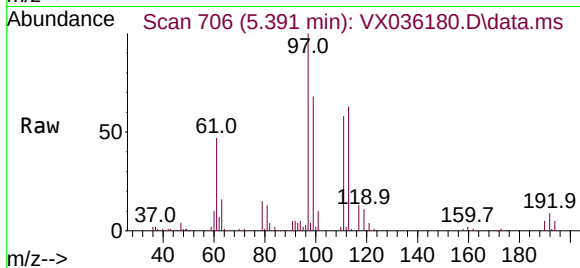
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	16.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#36

1,1-Dichloropropene

Concen: 20.985 ug/l

RT: 5.696 min Scan# 756

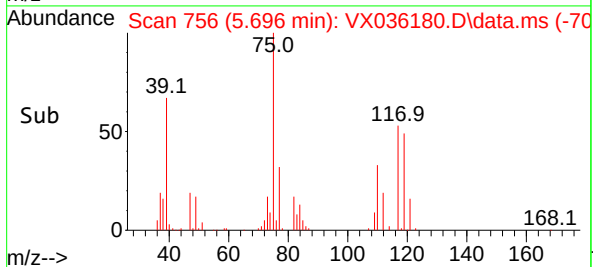
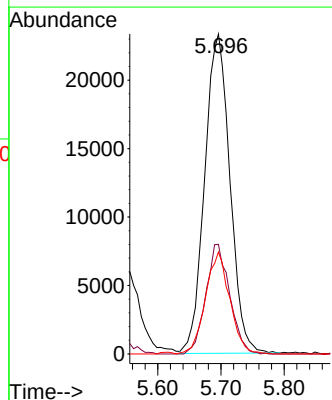
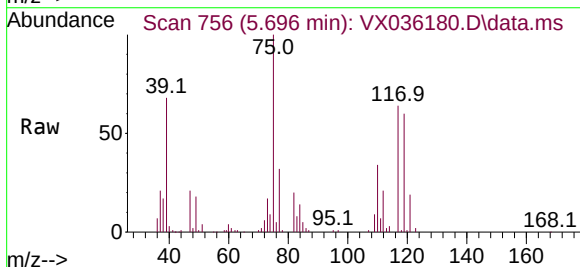
Delta R.T. -0.000 min

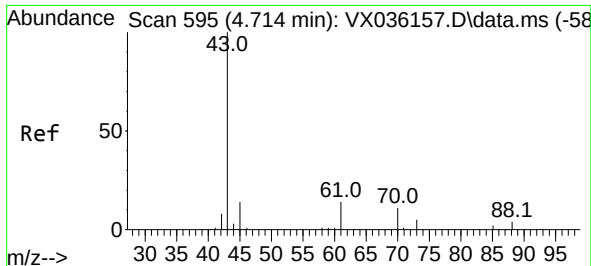
Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion: 75 Resp: 64738

Ion	Ratio	Lower	Upper
75	100		
110	32.5	17.0	50.9
77	30.7	24.7	37.1





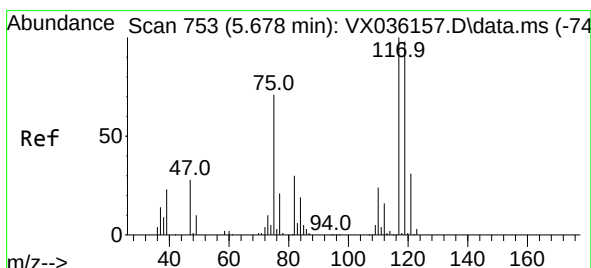
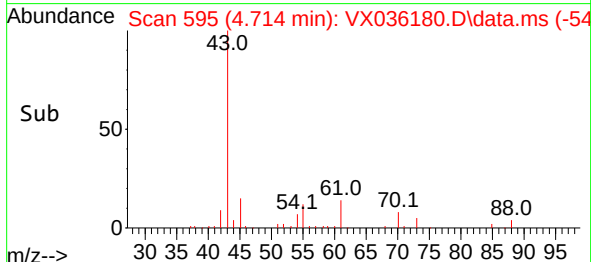
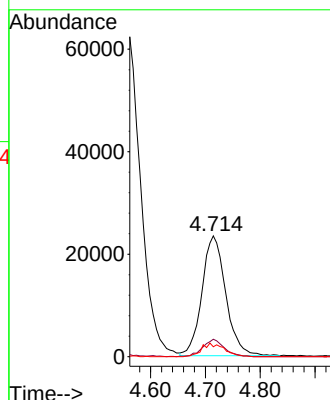
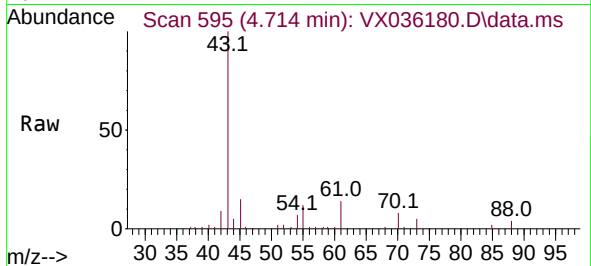
#37
Ethyl Acetate
Concen: 19.627 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 70544
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 10.6 8.3 12.5

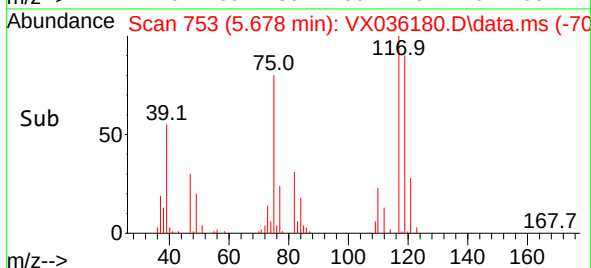
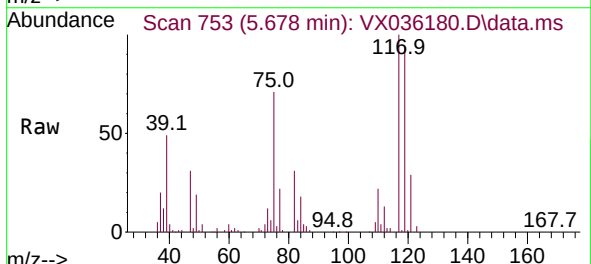
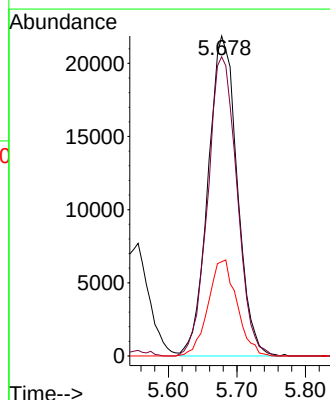
Manual Integrations
APPROVED

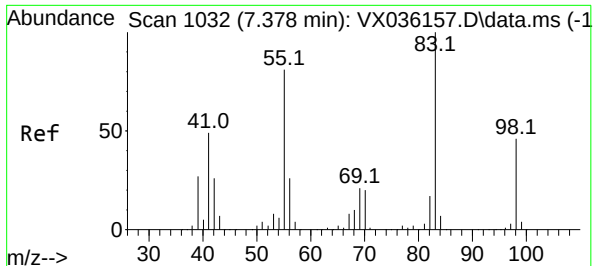
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#38
Carbon Tetrachloride
Concen: 21.569 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:117 Resp: 64683
Ion Ratio Lower Upper
117 100
119 93.5 78.2 117.2
121 29.5 24.4 36.6





#39
Methylcyclohexane
Concen: 22.244 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

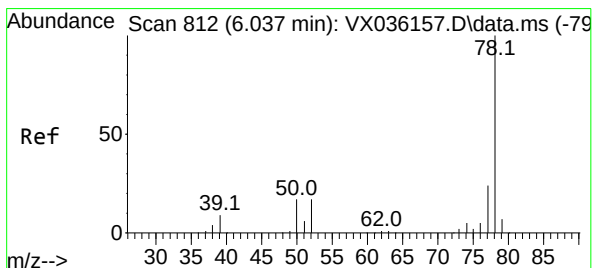
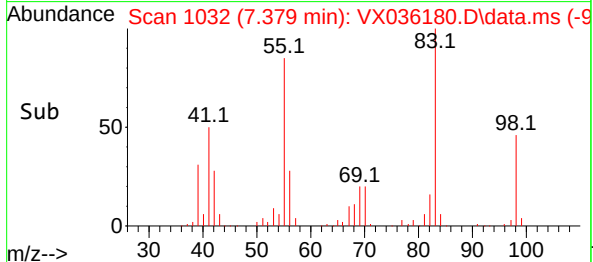
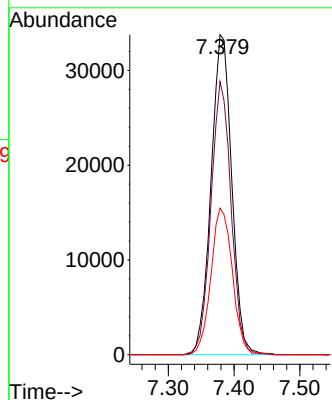
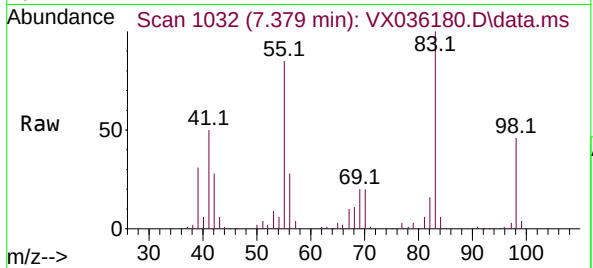
VSTDICC020

Tgt Ion: 83 Resp: 73900
Ion Ratio Lower Upper
83 100
55 85.3 64.6 97.0
98 45.8 36.7 55.1

Manual Integrations

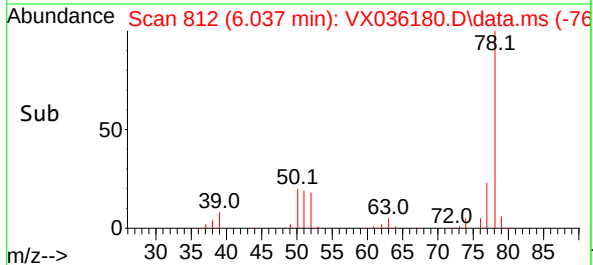
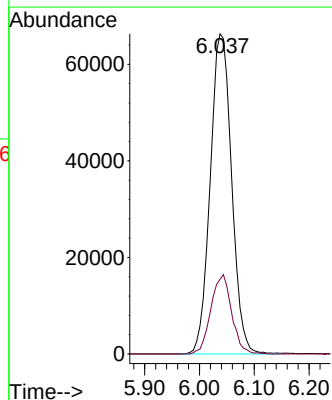
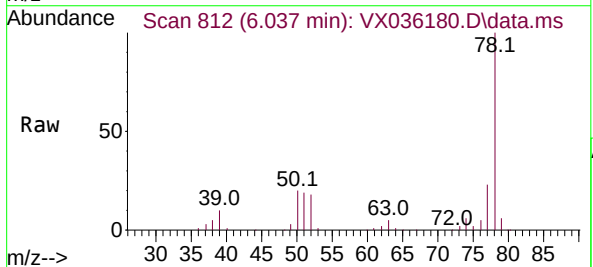
APPROVED

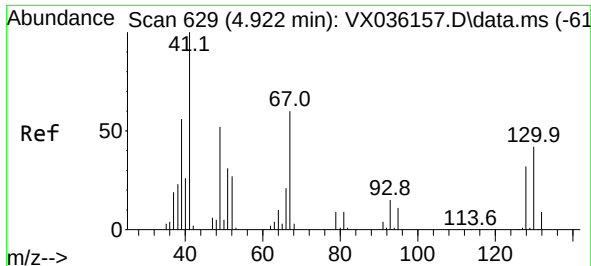
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 20.713 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 78 Resp: 179690
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





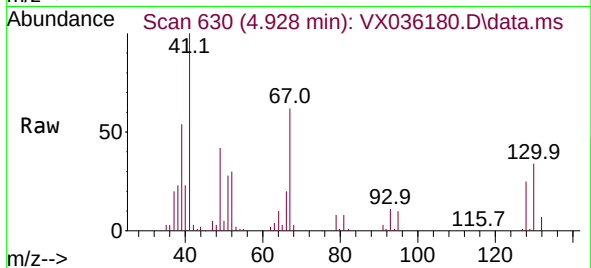
#41
Methacrylonitrile
Concen: 20.158 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



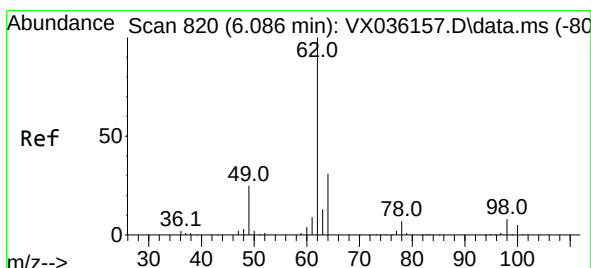
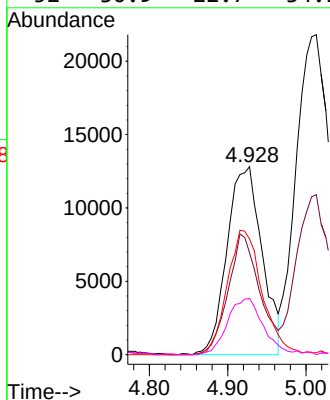
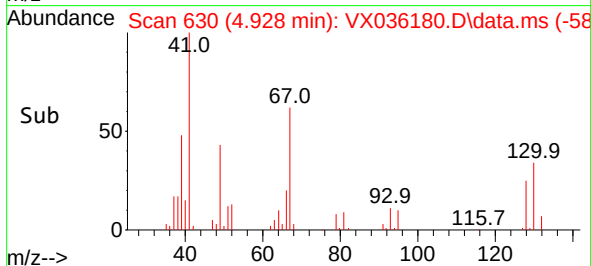
Tgt Ion: 41 Resp: 3994
Ion Ratio Lower Upper
41 100
39 57.9 45.2 67.8
67 65.7 52.6 78.8
52 30.9 22.7 34.1

Manual Integrations

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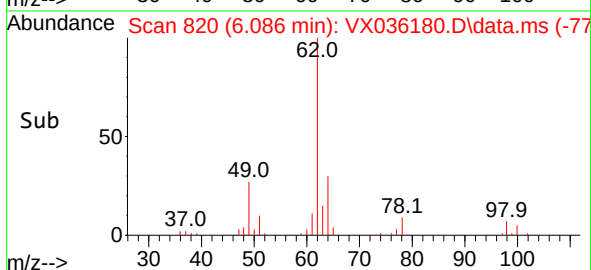
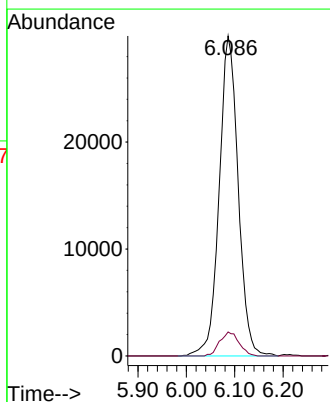
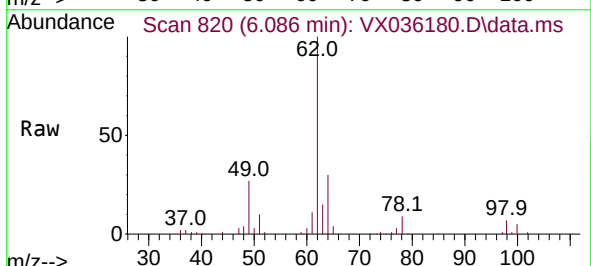
Reviewed By :John Carlone 06/16/2023

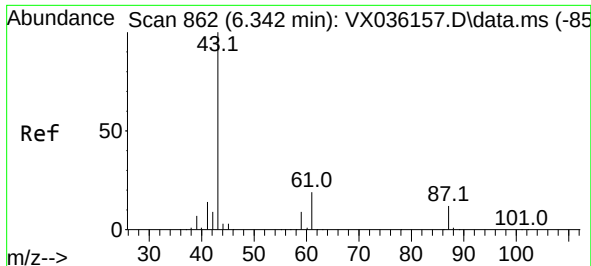
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 20.875 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 62 Resp: 81583
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 19.984 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036180.D

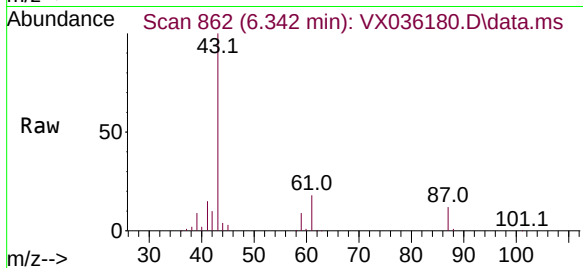
Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



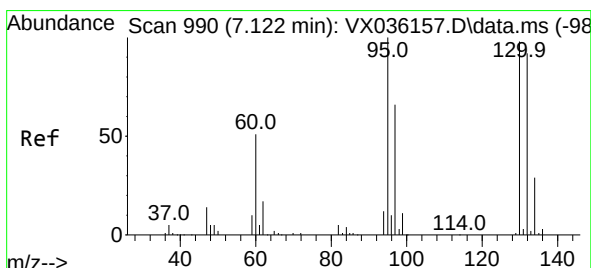
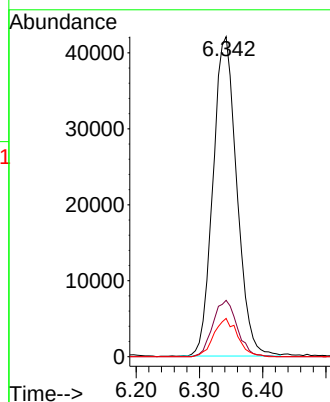
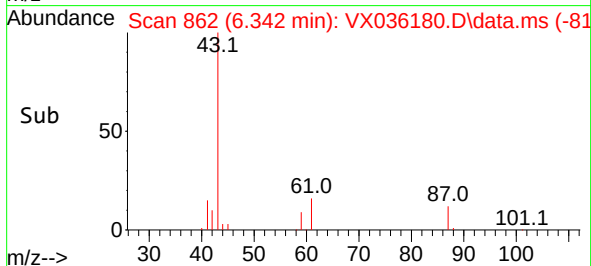
Tgt Ion: 43	Resp: 109924
Ion Ratio	Lower Upper
43	100
61	18.1 15.2 22.8
87	12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 20.636 ug/l

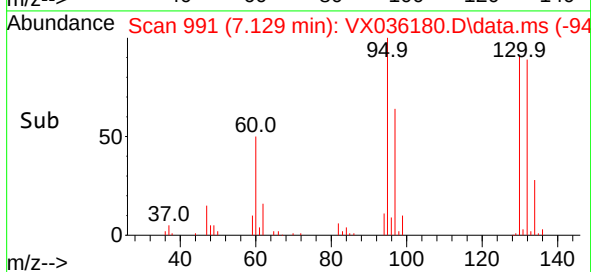
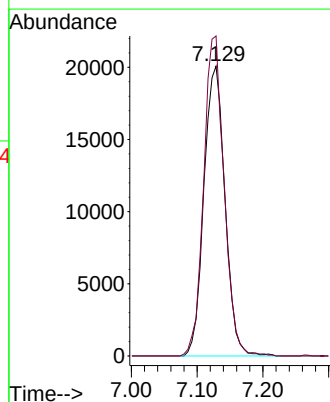
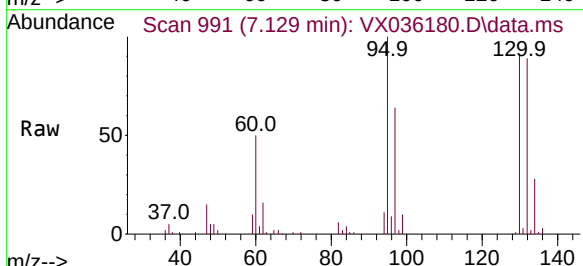
RT: 7.129 min Scan# 991

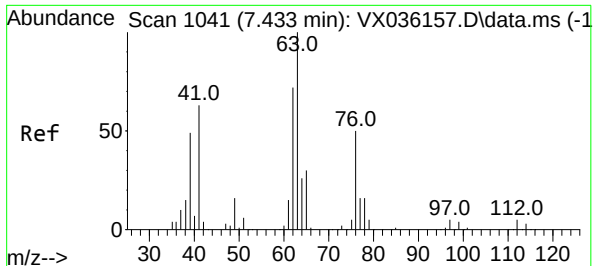
Delta R.T. 0.007 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion:130	Resp: 44735
Ion Ratio	Lower Upper
130	100
95	110.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.590 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 4748

Ion Ratio Lower Upper

63 100

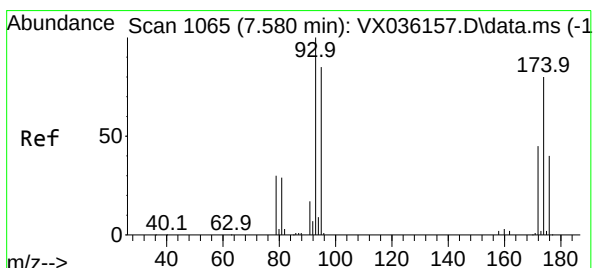
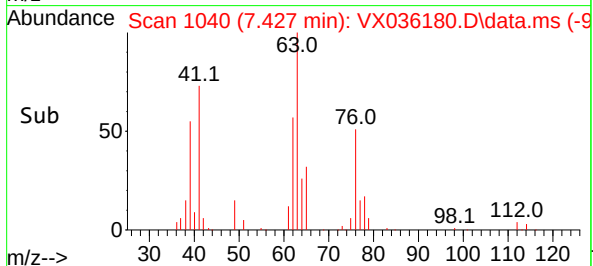
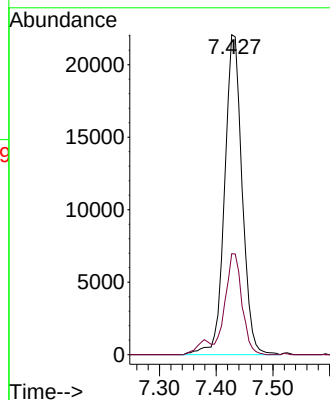
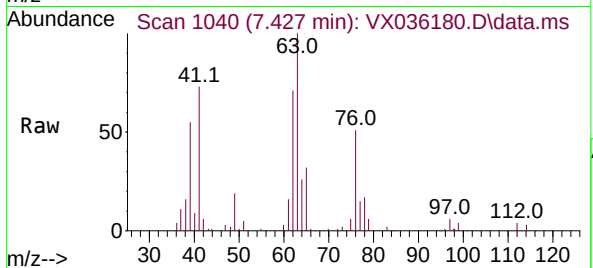
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#46

Dibromomethane

Concen: 20.342 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

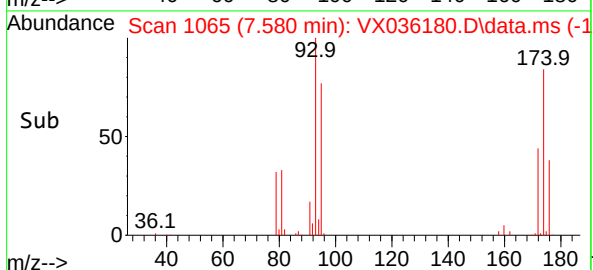
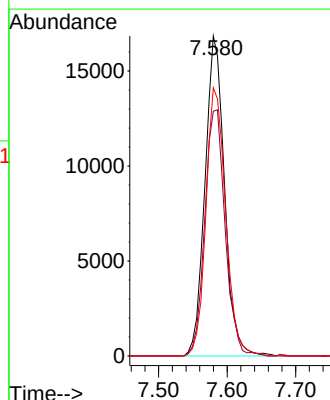
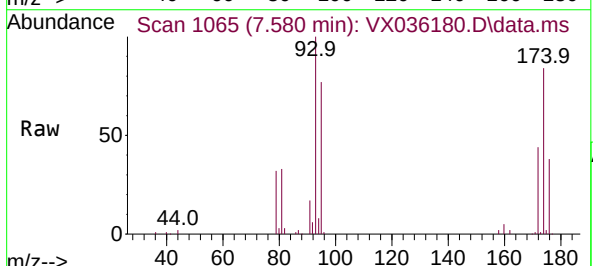
Tgt Ion: 93 Resp: 33423

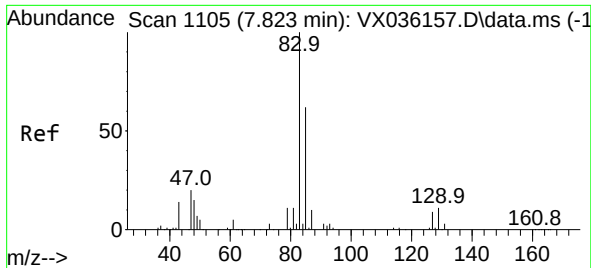
Ion Ratio Lower Upper

93 100

95 80.3 66.6 100.0

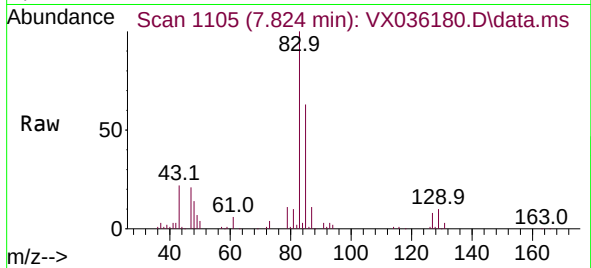
174 84.7 69.4 104.0





#47
Bromodichloromethane
Concen: 20.398 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

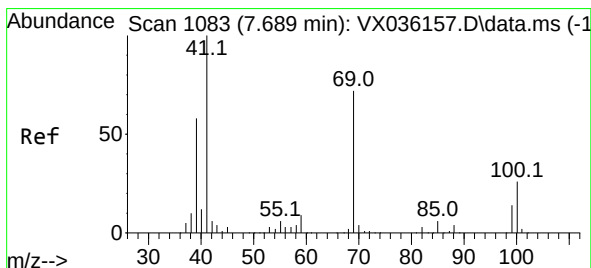
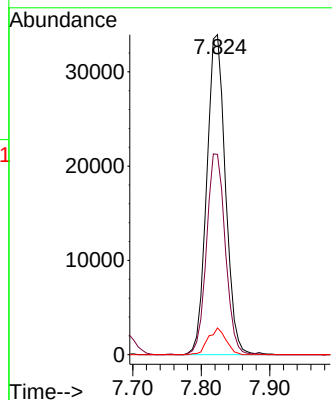
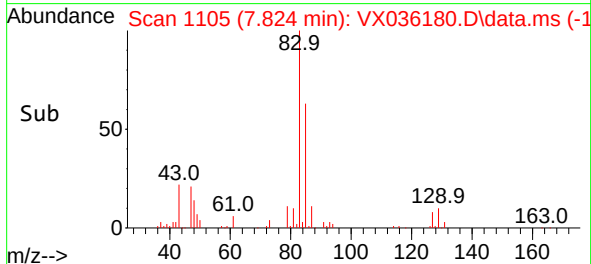
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



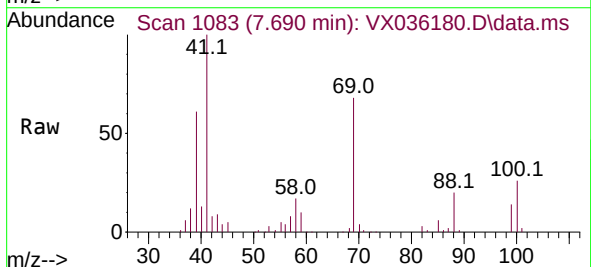
Tgt Ion: 83 Resp: 6434
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations
APPROVED

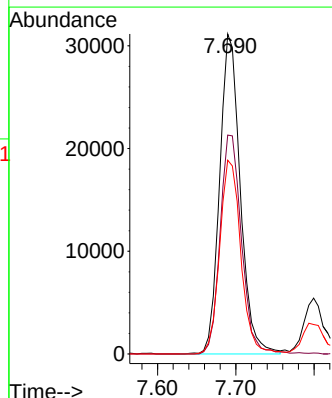
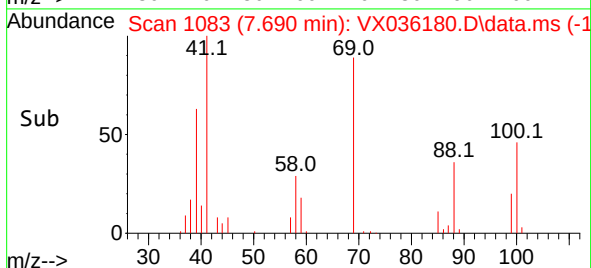
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

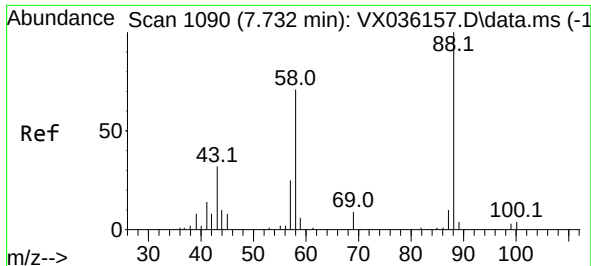


#48
Methyl methacrylate
Concen: 20.231 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14



Tgt Ion: 41 Resp: 57093
Ion Ratio Lower Upper
41 100
69 70.8 59.2 88.8
39 62.3 47.7 71.5





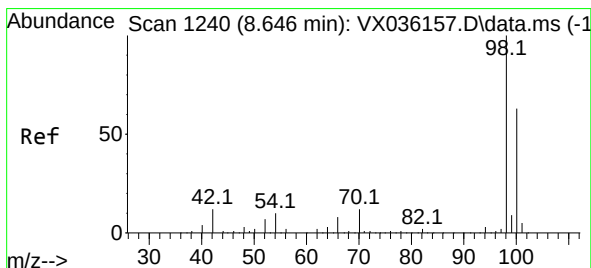
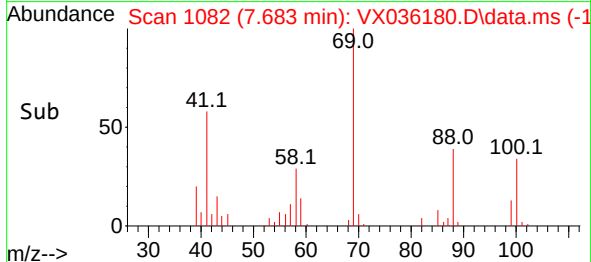
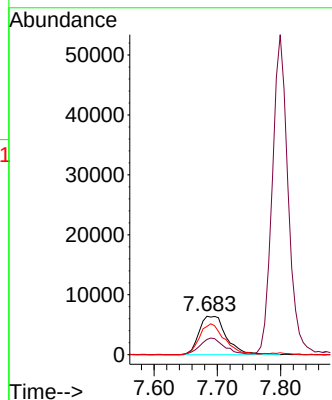
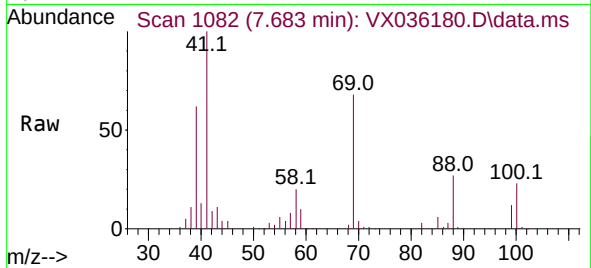
#49
1,4-Dioxane
Concen: 405.806 ug/l
RT: 7.683 min Scan# 1090
Delta R.T. -0.049 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 19174
Ion Ratio Lower Upper
88 100
43 38.8 0.0 0.0
58 73.6 60.1 90.1

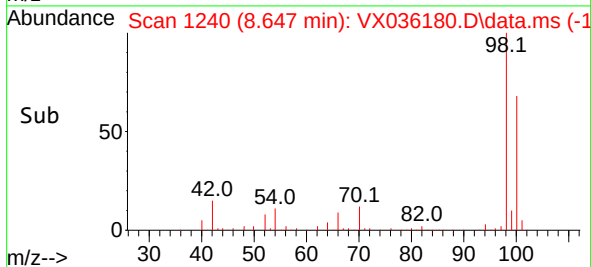
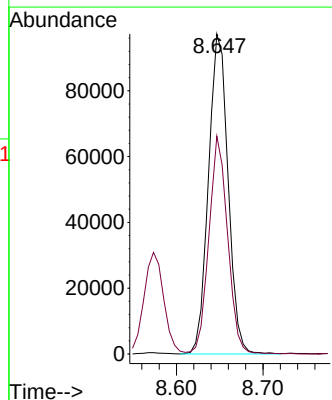
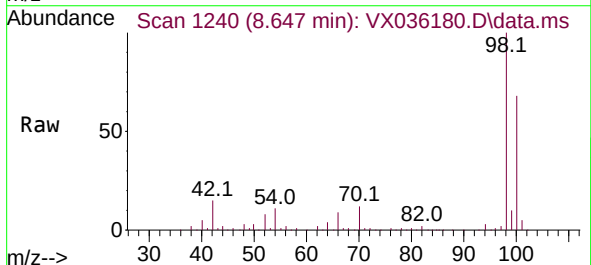
Manual Integrations
APPROVED

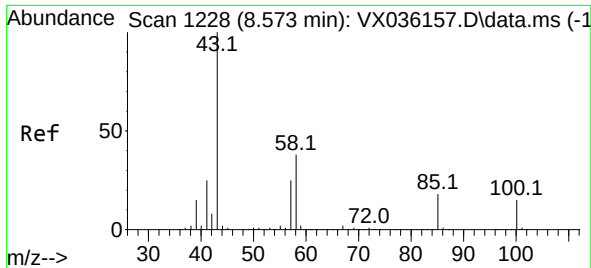
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#50
Toluene-d8
Concen: 19.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

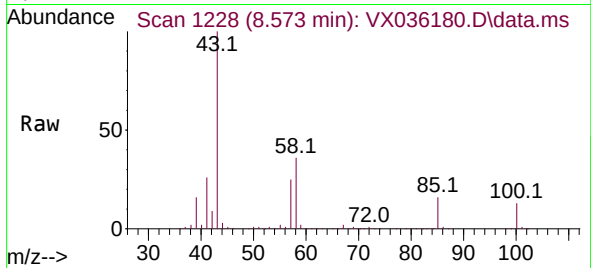
Tgt Ion: 98 Resp: 152895
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 104.527 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

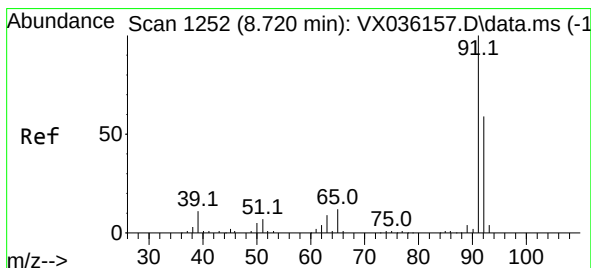
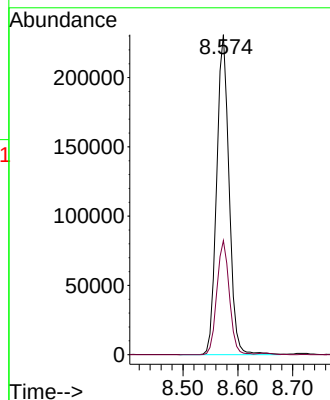
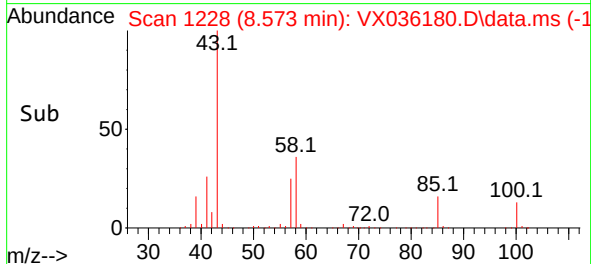
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 363038
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

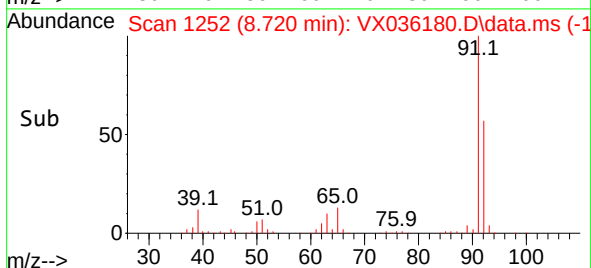
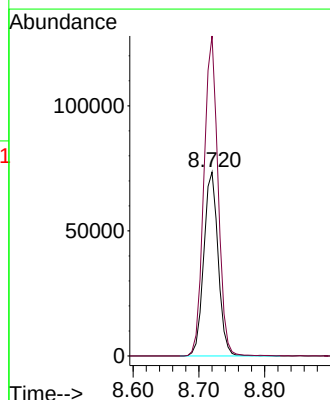
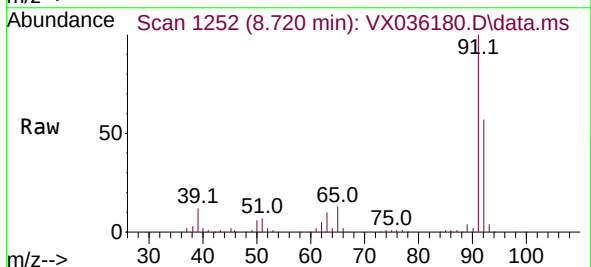
Manual Integrations
APPROVED

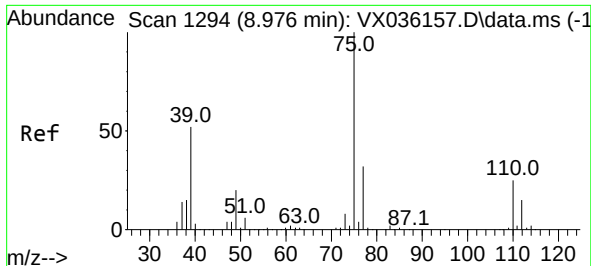
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 20.528 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 92 Resp: 111497
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.521 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 63059

Ion Ratio Lower Upper

75 100

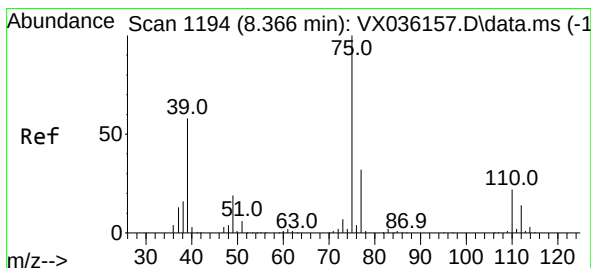
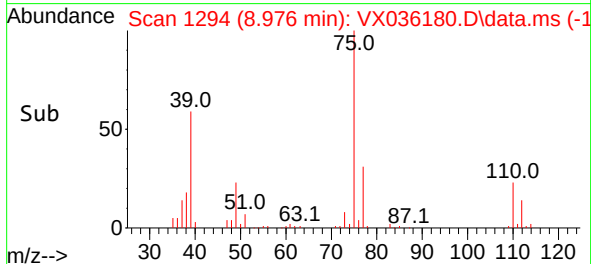
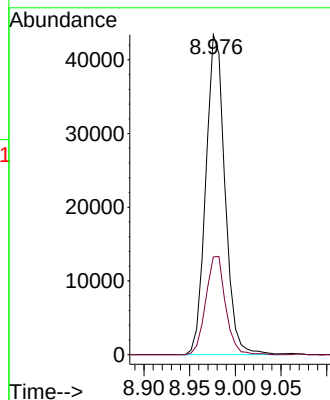
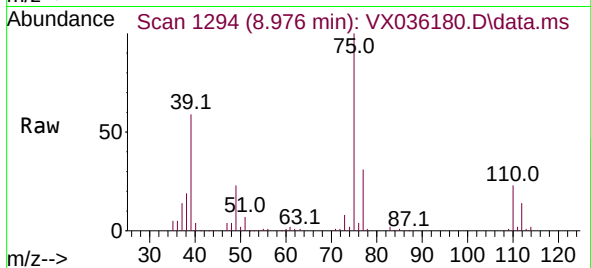
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#54

cis-1,3-Dichloropropene

Concen: 19.247 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

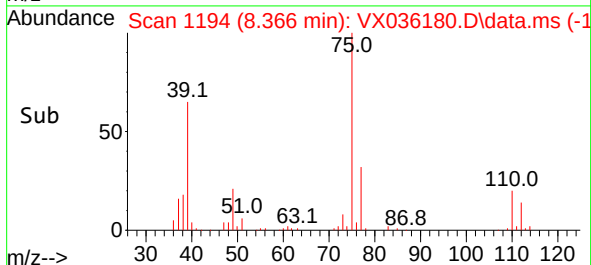
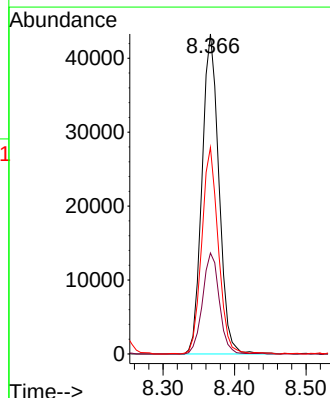
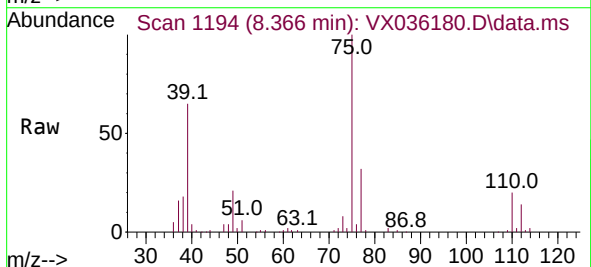
Tgt Ion: 75 Resp: 70991

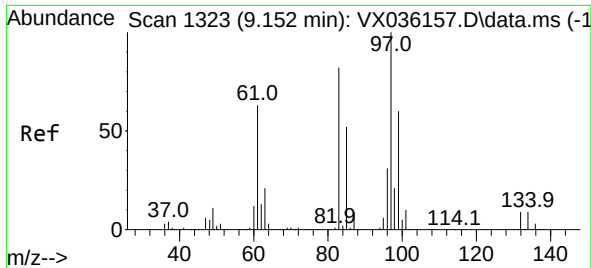
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

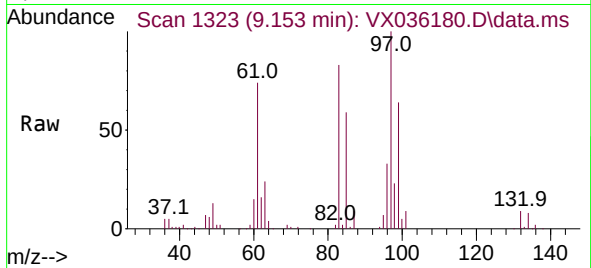
39 64.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.006 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

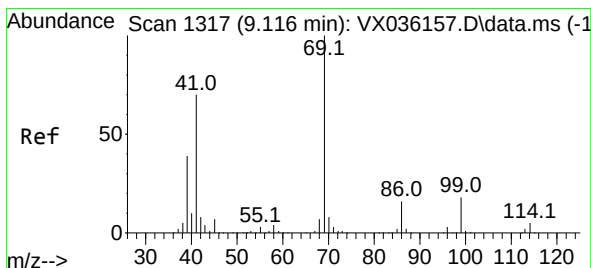
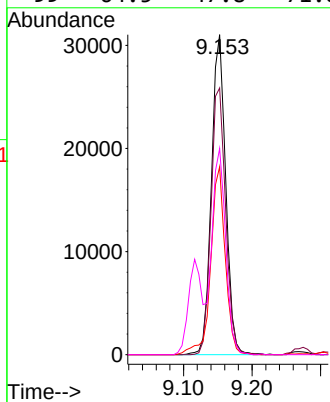
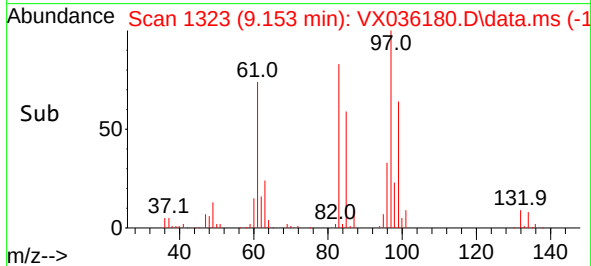


Tgt Ion: 97 Resp: 4485

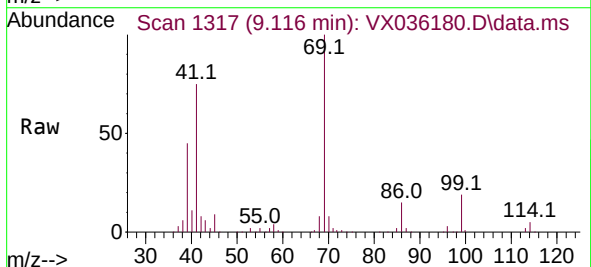
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	58.7	41.6	62.4
99	64.5	47.8	71.8

Manual Integrations
APPROVED

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

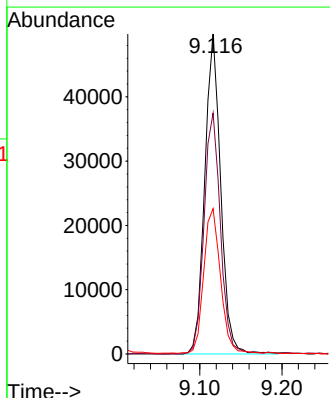
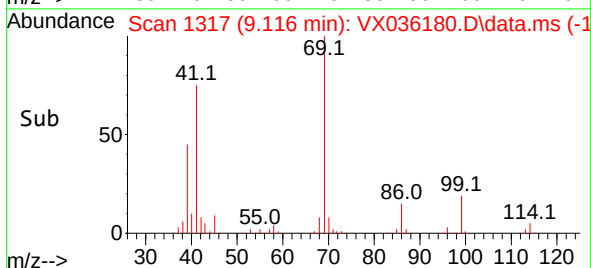


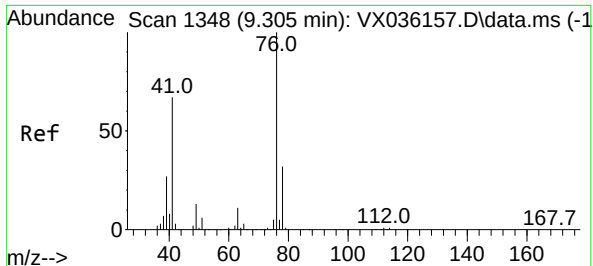
#56
Ethyl methacrylate
Concen: 18.918 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14



Tgt Ion: 69 Resp: 67141

Ion	Ratio	Lower	Upper
69	100		
41	78.1	56.8	85.2
39	47.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.845 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 79160

Ion Ratio Lower Upper

76 100

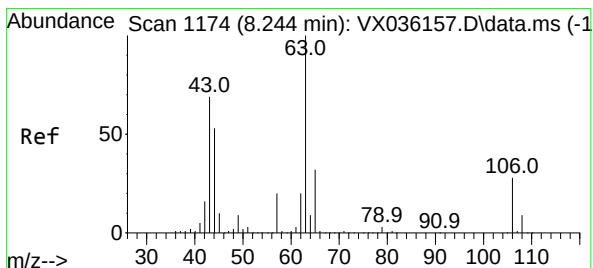
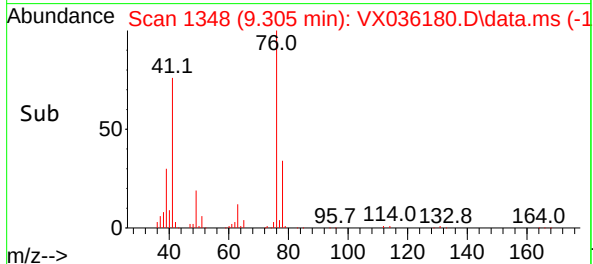
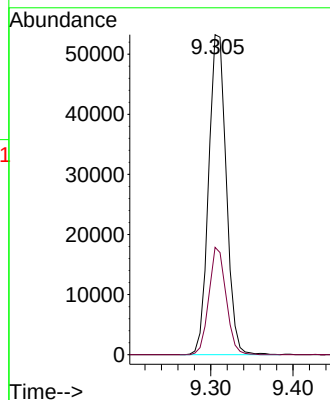
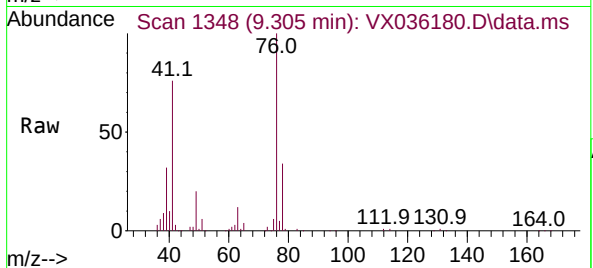
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 96.135 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036180.D

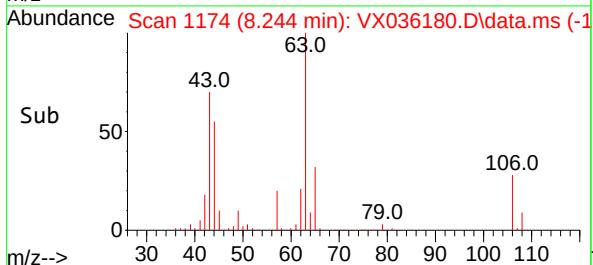
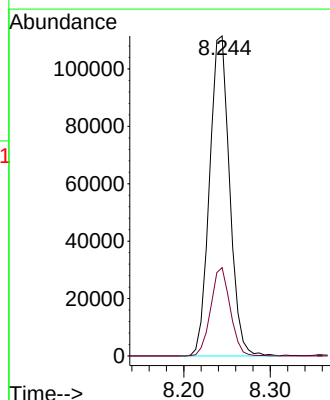
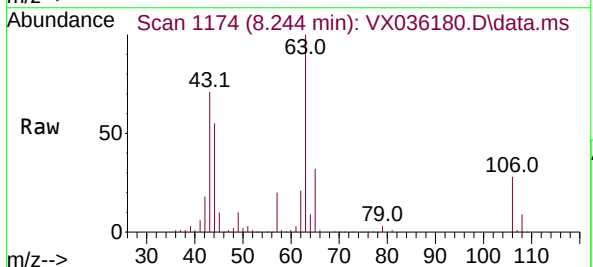
Acq: 16 Jun 2023 13:14

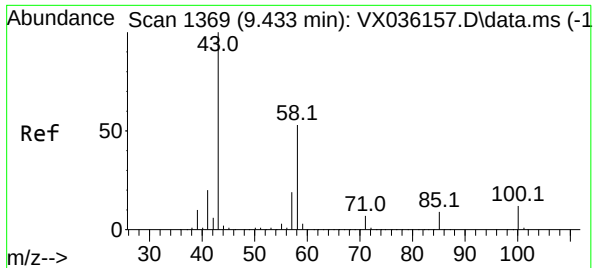
Tgt Ion: 63 Resp: 179477

Ion Ratio Lower Upper

63 100

106 26.8 22.5 33.7





#59

2-Hexanone

Concen: 104.613 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 27012

Ion Ratio Lower Upper

43 100

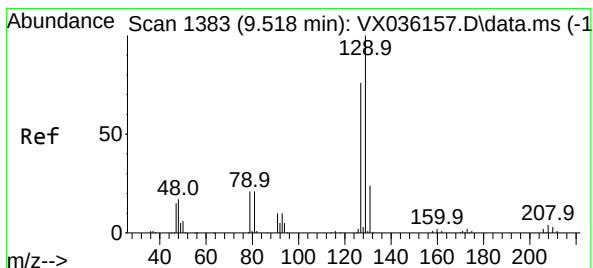
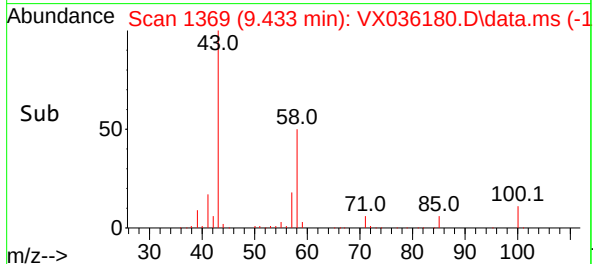
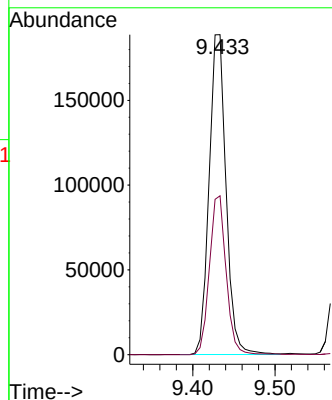
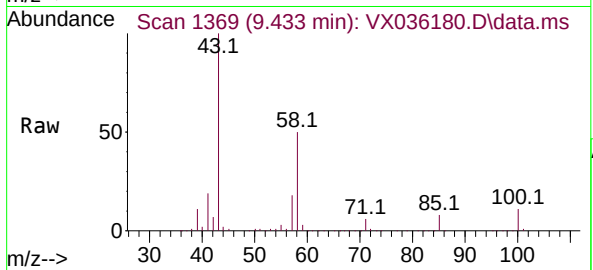
58 49.0 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#60

Dibromochloromethane

Concen: 19.482 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036180.D

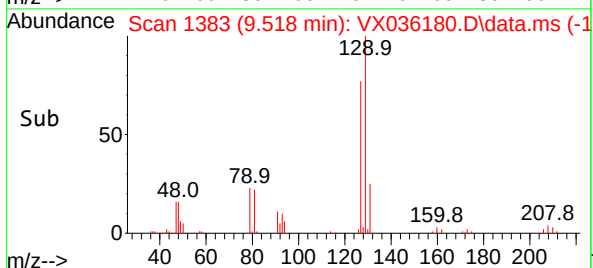
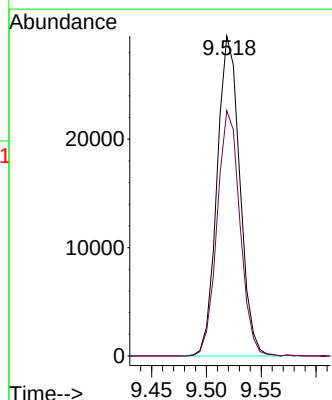
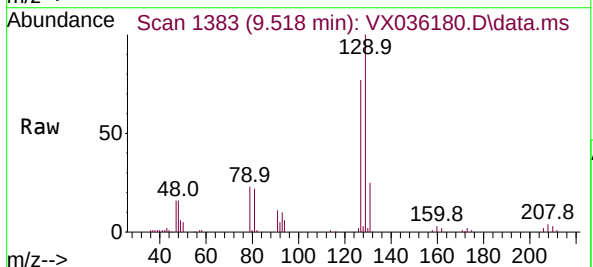
Acq: 16 Jun 2023 13:14

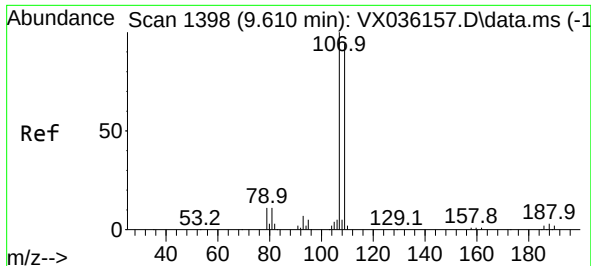
Tgt Ion:129 Resp: 42638

Ion Ratio Lower Upper

129 100

127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.006 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

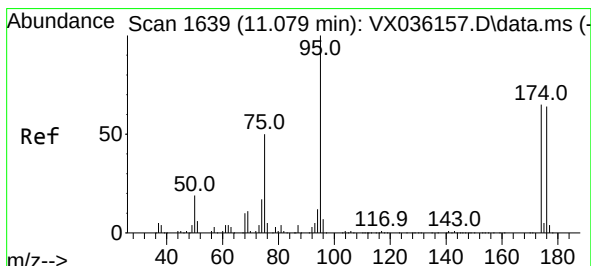
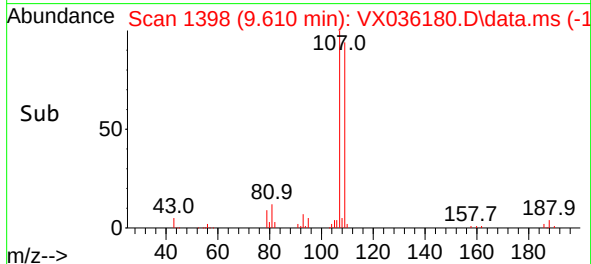
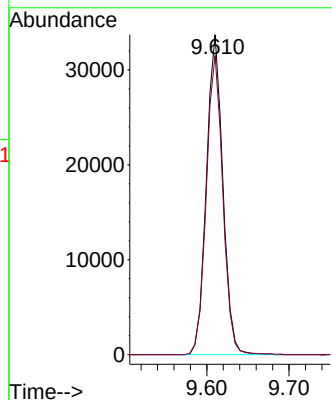
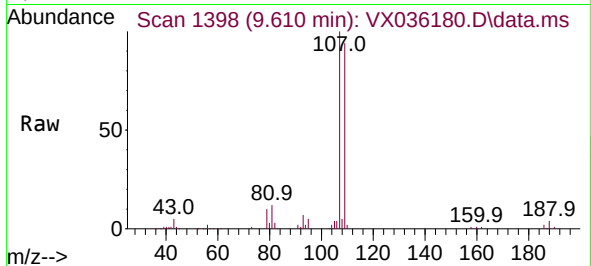
VSTDICC020

Tgt Ion:107 Resp: 4677
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations

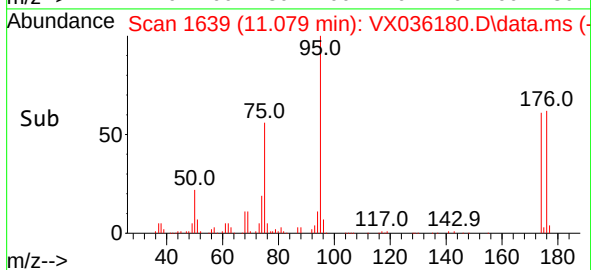
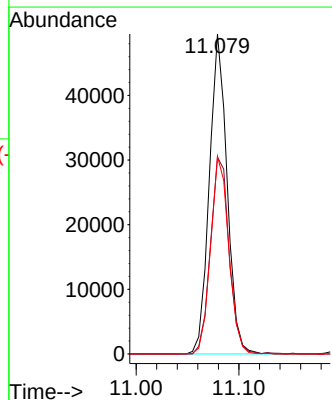
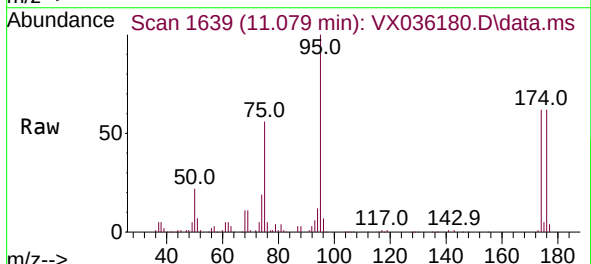
APPROVED

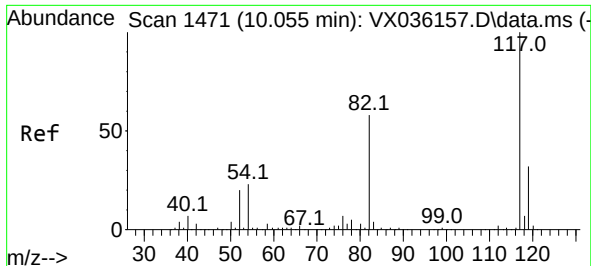
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#62
4-Bromofluorobenzene
Concen: 19.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

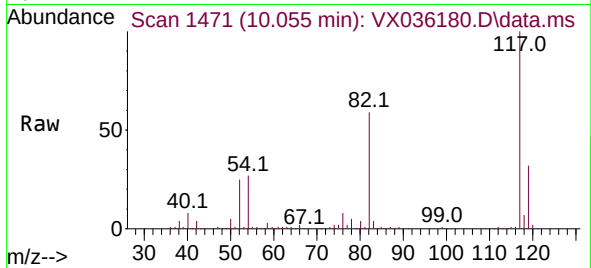
Tgt Ion: 95 Resp: 59262
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 63.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

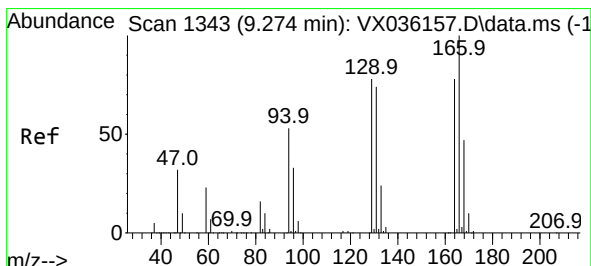
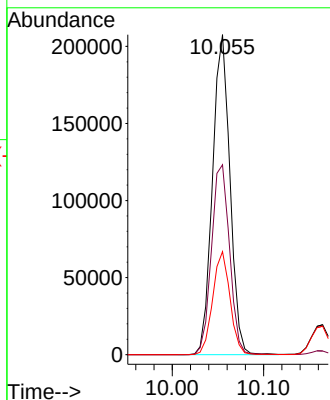
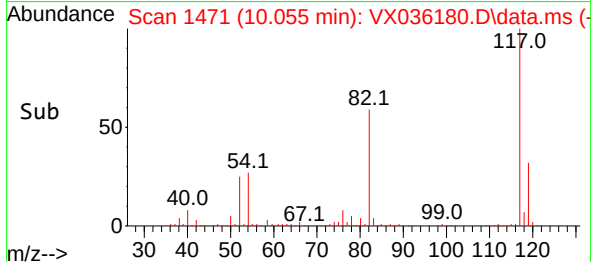
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 275279
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.2 25.5 38.3

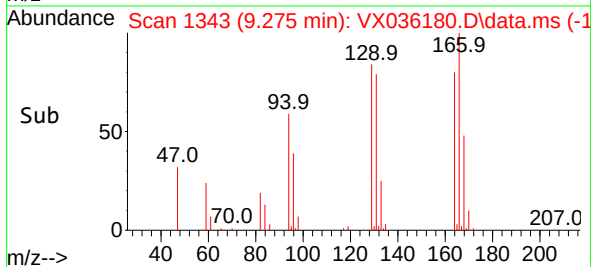
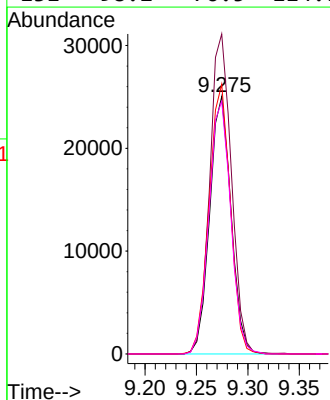
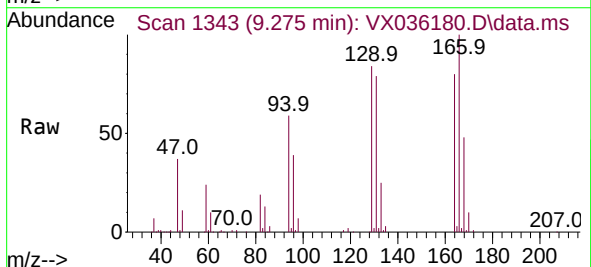
Manual Integrations
APPROVED

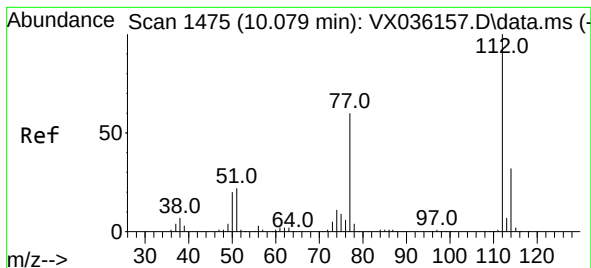
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 21.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:164 Resp: 36096
Ion Ratio Lower Upper
164 100
166 124.4 102.7 154.1
129 104.9 80.4 120.6
131 98.2 76.5 114.7





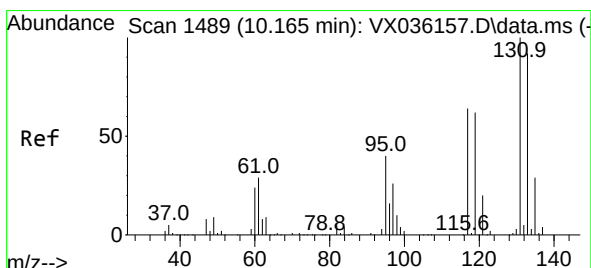
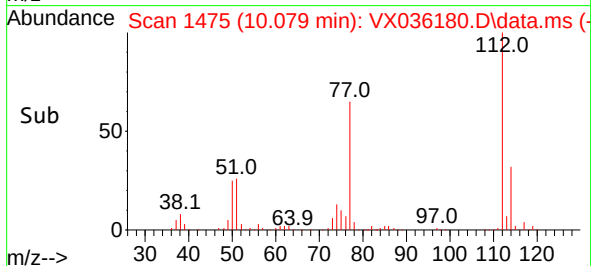
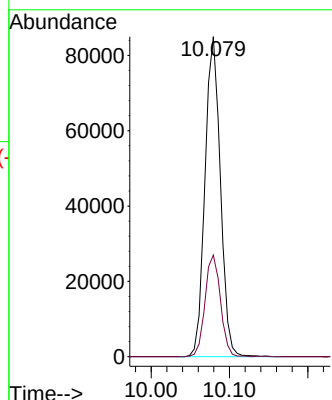
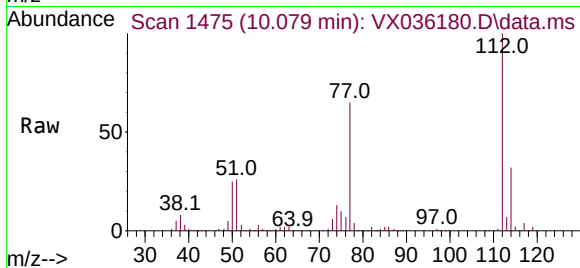
#65
Chlorobenzene
Concen: 20.298 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 115784
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

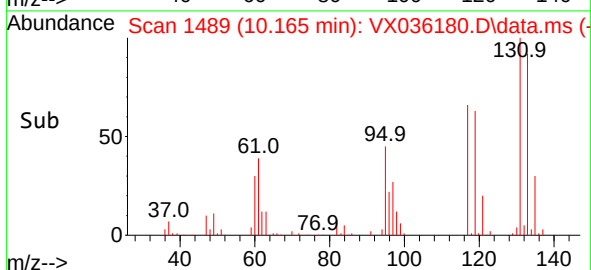
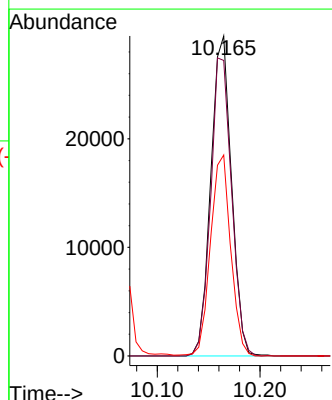
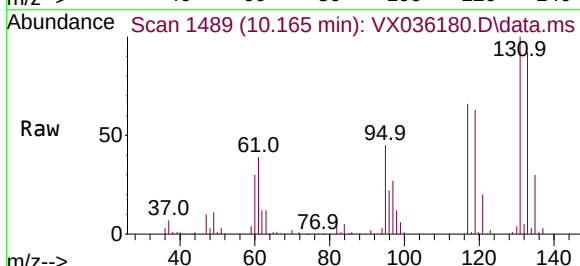
Manual Integrations
APPROVED

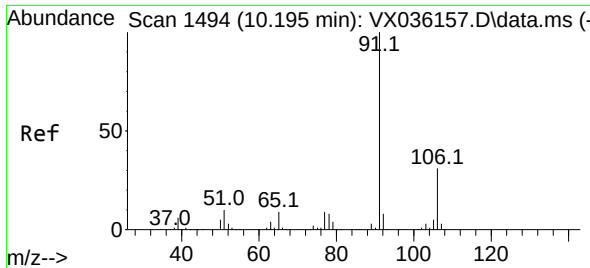
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.866 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:131 Resp: 41075
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 61.6 32.2 96.6





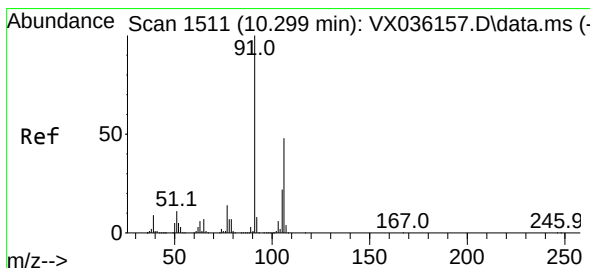
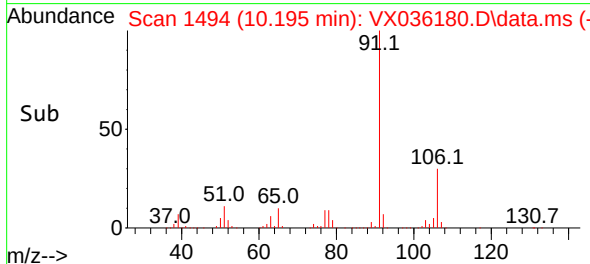
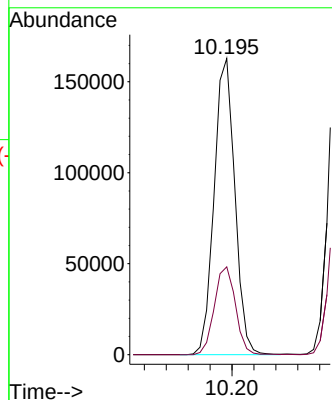
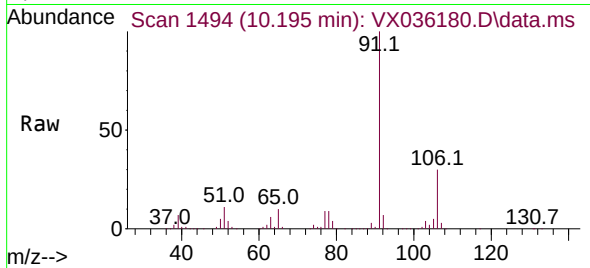
#67
Ethyl Benzene
Concen: 20.993 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 213869
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

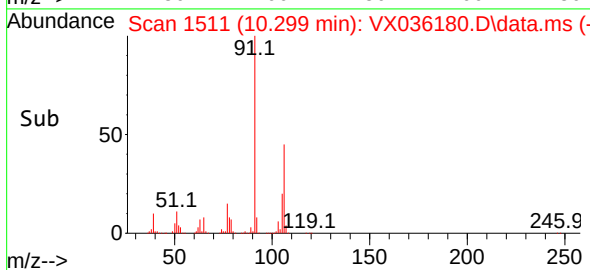
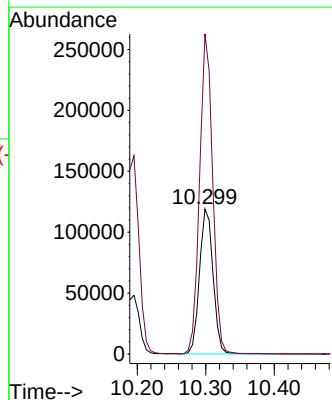
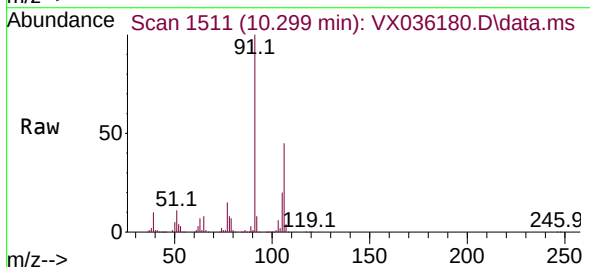
Manual Integrations
APPROVED

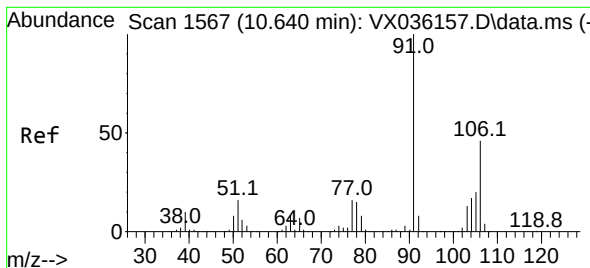
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 42.678 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:106 Resp: 164035
Ion Ratio Lower Upper
106 100
91 213.1 165.5 248.3





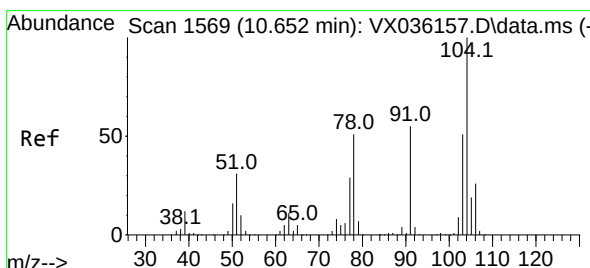
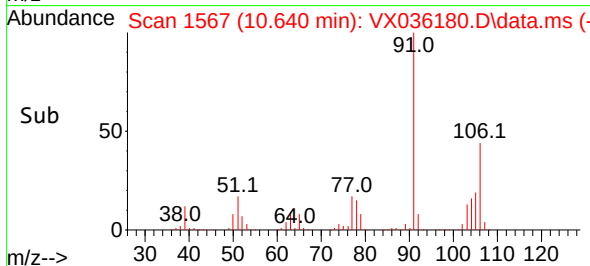
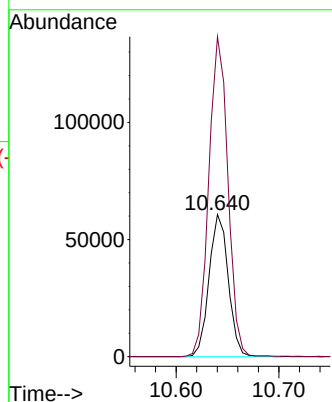
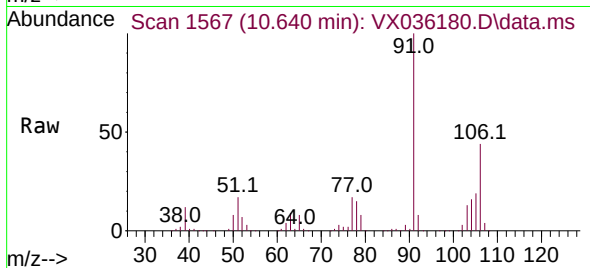
#69
o-Xylene
Concen: 20.782 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 78809
Ion Ratio Lower Upper
106 100
91 224.6 108.9 326.8

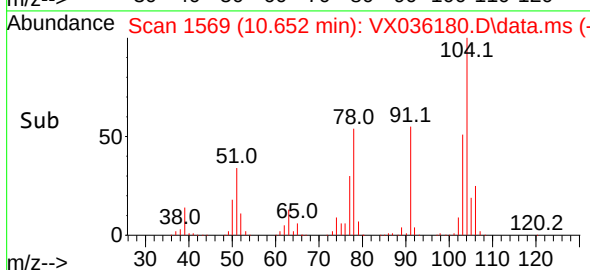
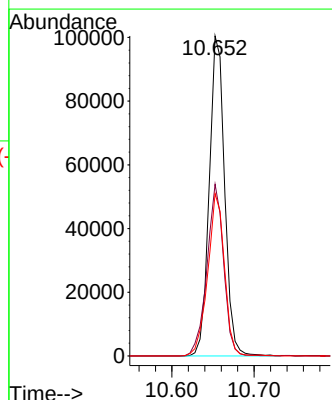
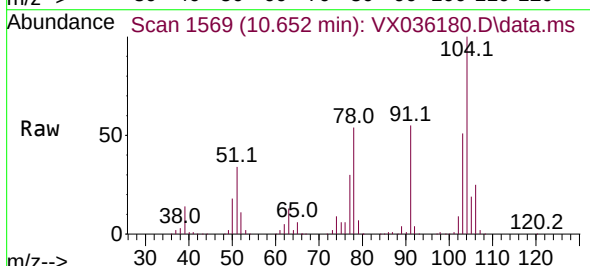
Manual Integrations
APPROVED

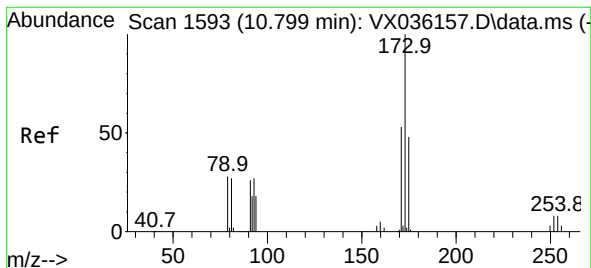
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 20.753 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

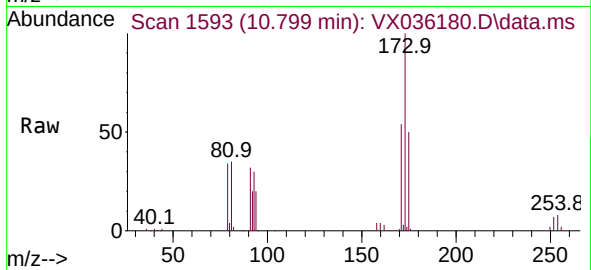
Tgt Ion:104 Resp: 131131
Ion Ratio Lower Upper
104 100
78 58.1 43.6 65.4
103 54.8 43.6 65.4





#71
Bromoform
Concen: 18.595 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

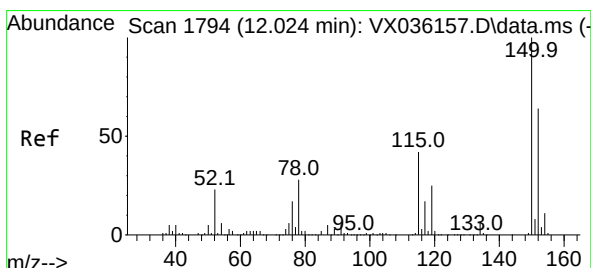
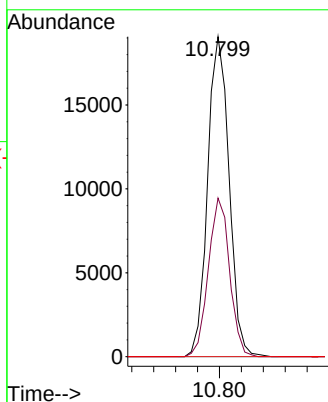
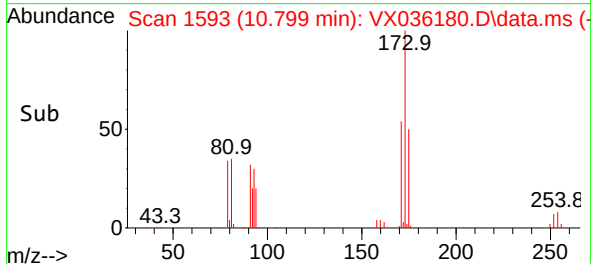
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



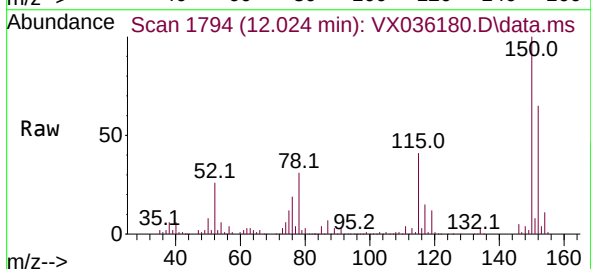
Tgt Ion:173 Resp: 25870
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

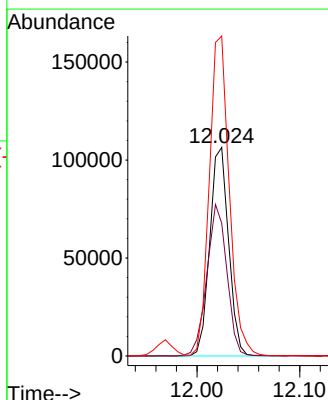
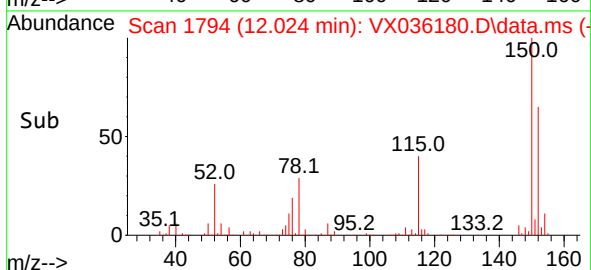
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

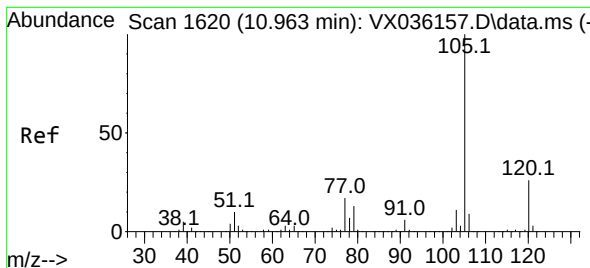


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14



Tgt Ion:152 Resp: 135315
Ion Ratio Lower Upper
152 100
115 77.0 43.3 129.9
150 162.8 0.0 345.0





#73

Isopropylbenzene

Concen: 20.898 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 209830

Ion Ratio Lower Upper

105 100

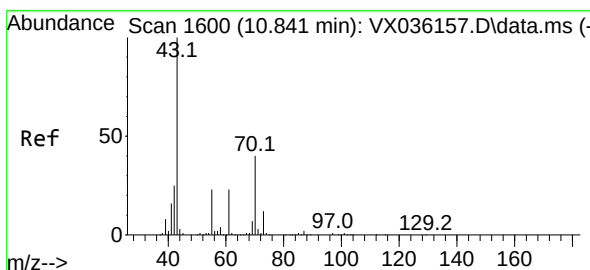
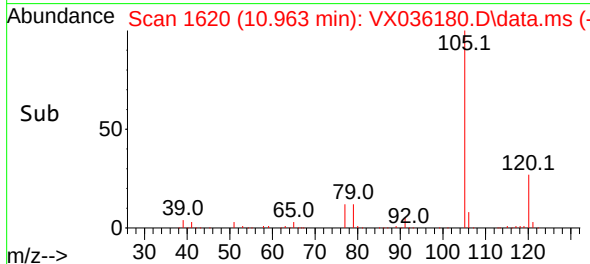
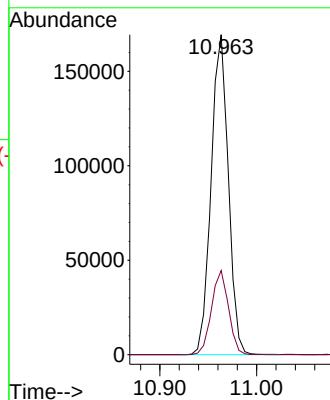
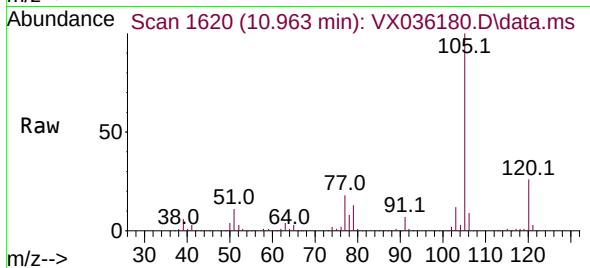
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#74

N-ethyl acetate

Concen: 20.801 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion: 43 Resp: 94378

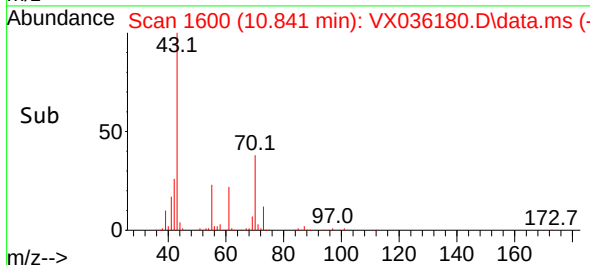
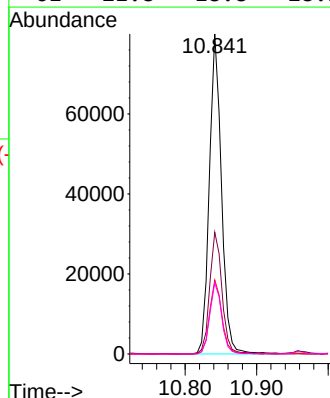
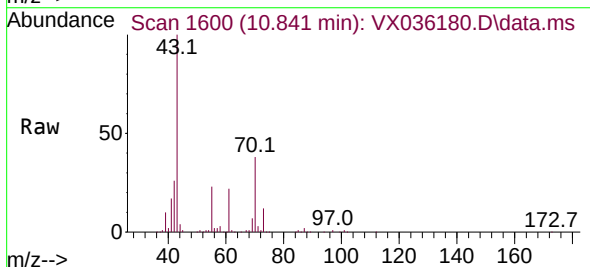
Ion Ratio Lower Upper

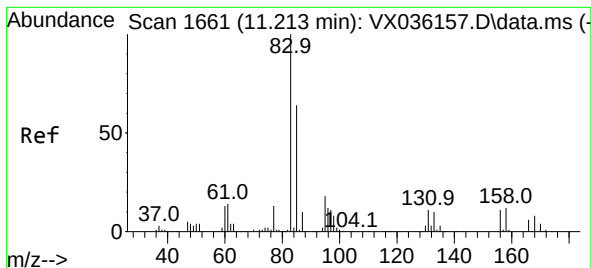
43 100

70 38.5 32.9 49.3

55 23.4 19.3 28.9

61 21.8 18.8 28.2





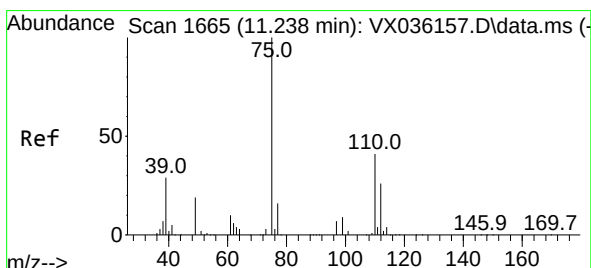
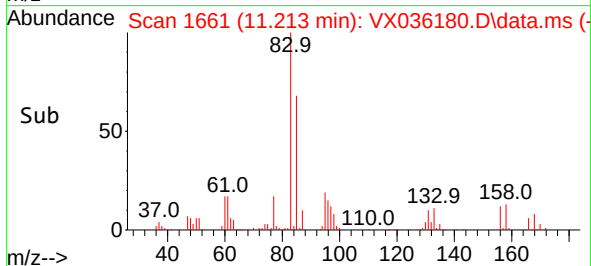
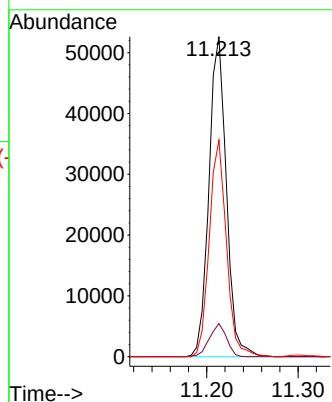
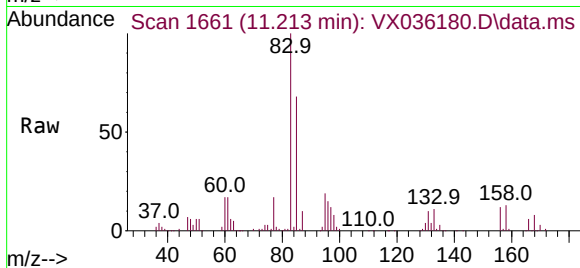
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.237 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 83 Resp: 6957
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 15.8
 85 66.5 32.0 96.2

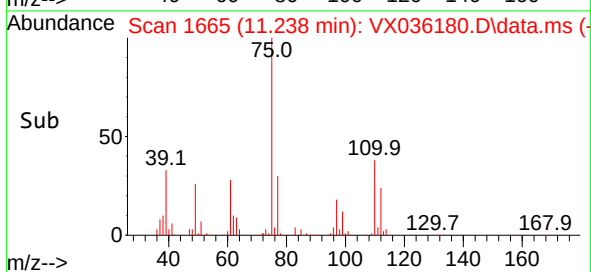
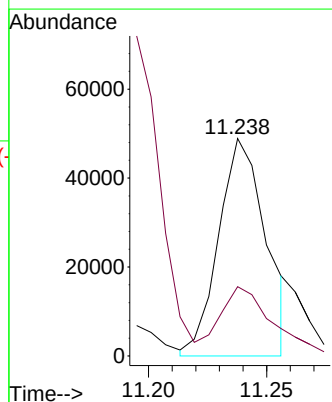
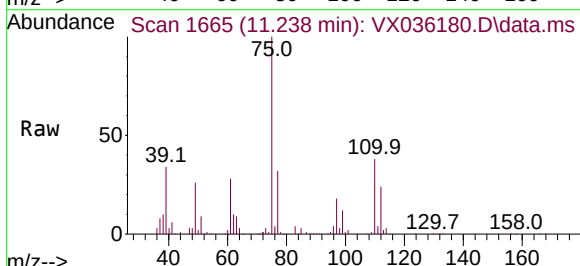
Manual Integrations
 APPROVED

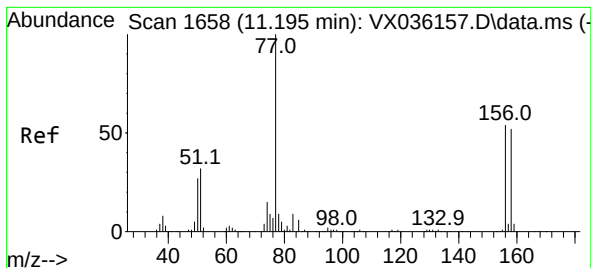
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#76
 1,2,3-Trichloropropane
 Concen: 20.211 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Tgt Ion: 75 Resp: 67960
 Ion Ratio Lower Upper
 75 100
 77 36.2 19.1 57.5





#77

Bromobenzene

Concen: 19.412 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:156 Resp: 45660

Ion Ratio Lower Upper

156 100

77 196.8 88.4 265.3

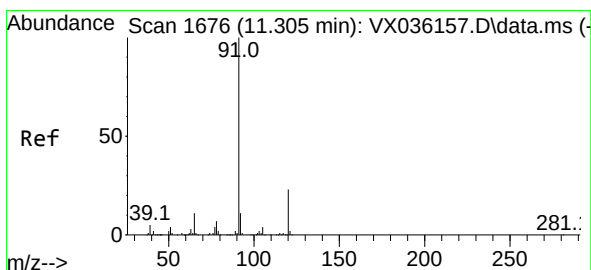
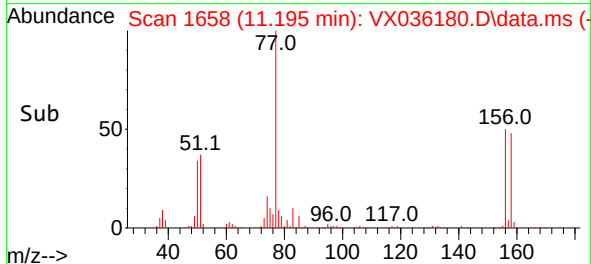
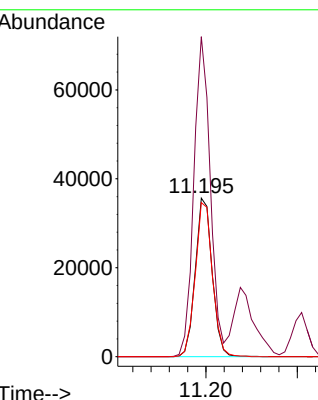
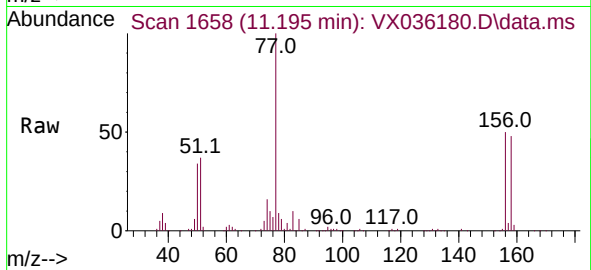
158 99.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 21.371 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036180.D

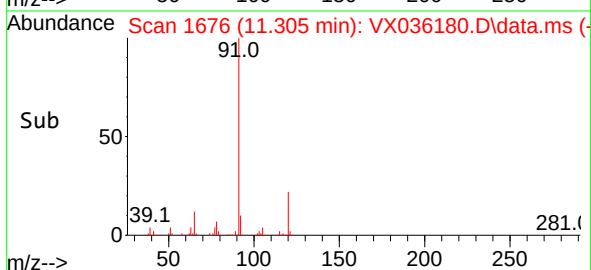
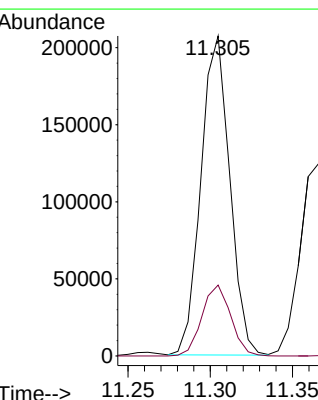
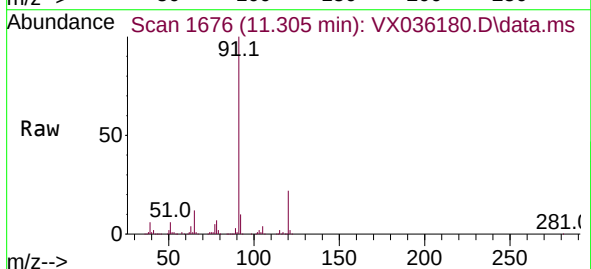
Acq: 16 Jun 2023 13:14

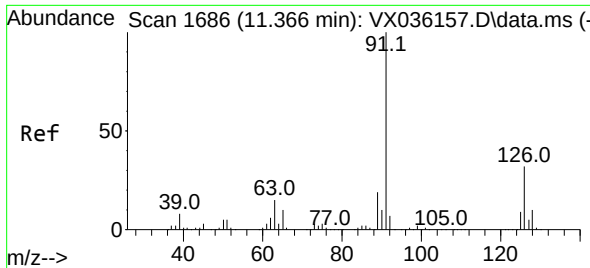
Tgt Ion: 91 Resp: 252429

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





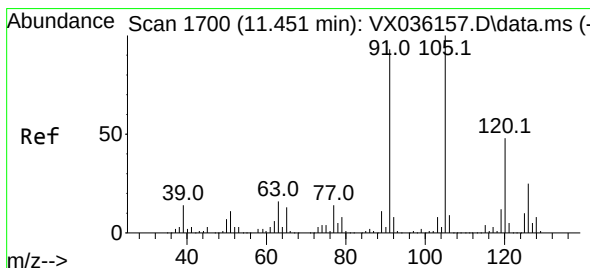
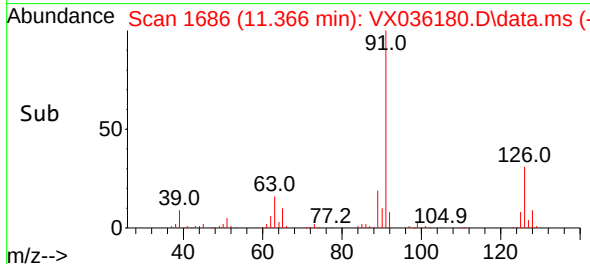
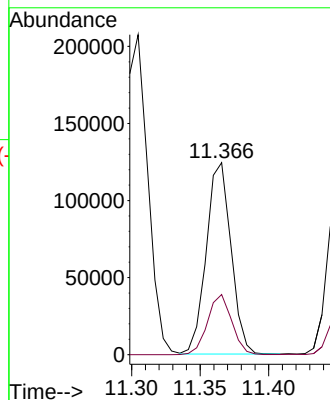
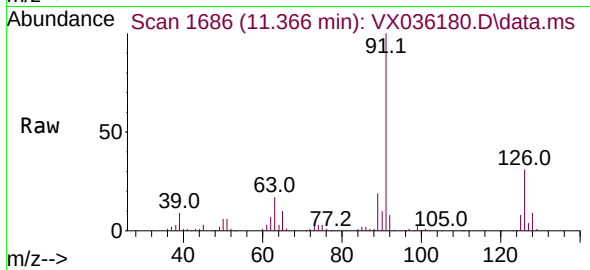
#79
2-Chlorotoluene
Concen: 21.019 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 156150
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

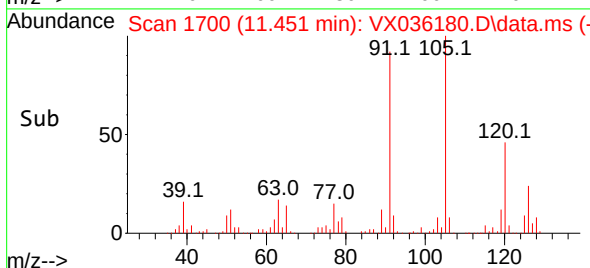
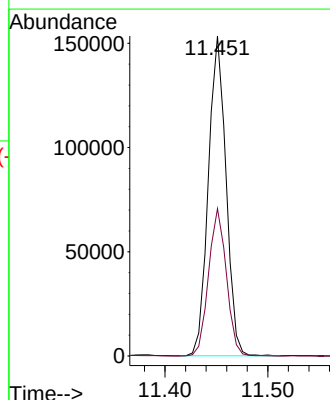
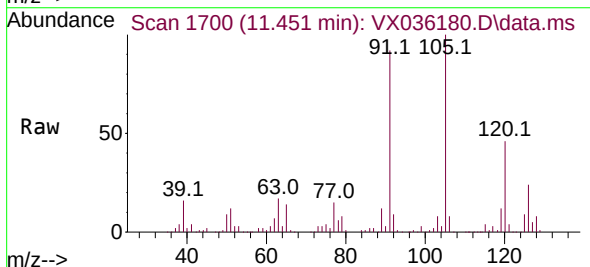
Manual Integrations
APPROVED

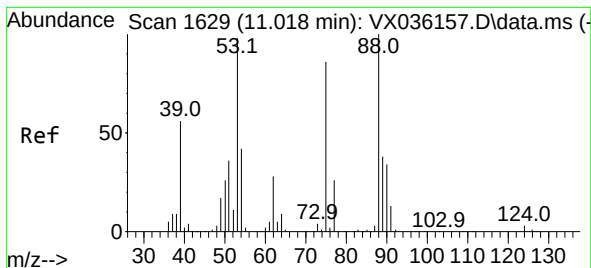
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.441 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:105 Resp: 183315
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





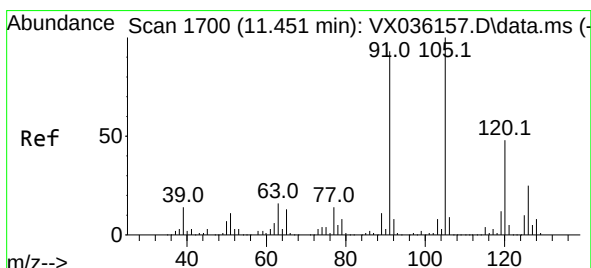
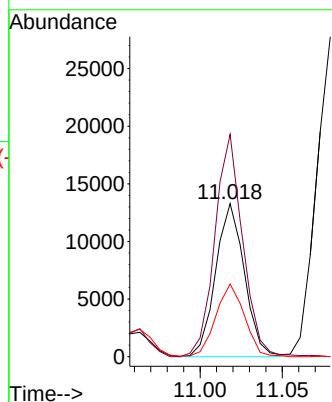
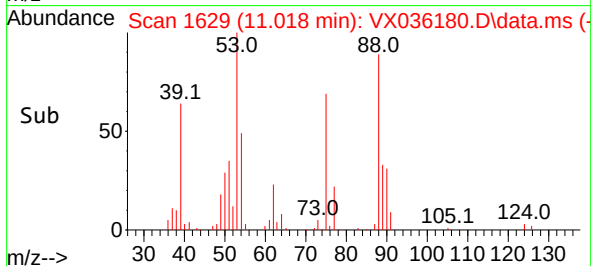
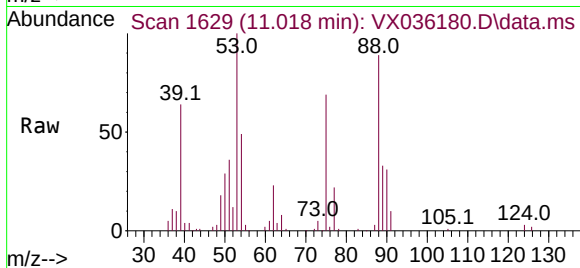
#81
trans-1,4-Dichloro-2-butene
Concen: 19.333 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16174
Ion Ratio Lower Upper
75 100
53 140.5 90.5 135.7
89 47.2 36.9 55.3

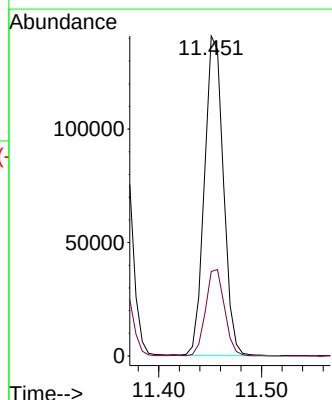
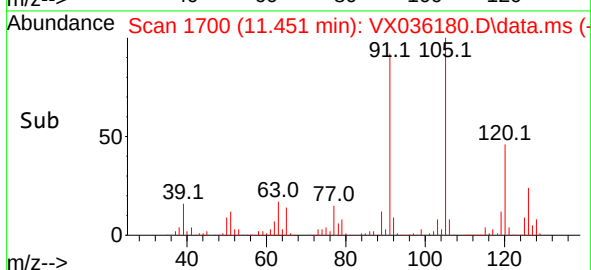
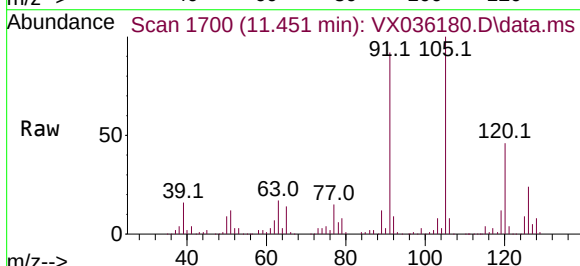
Manual Integrations
APPROVED

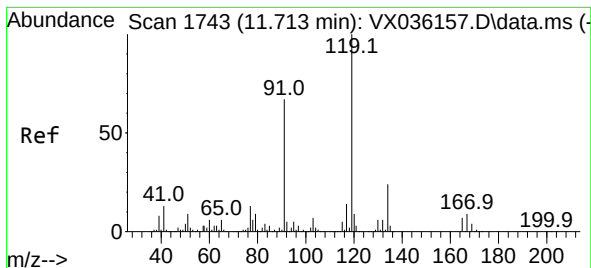
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 20.863 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 91 Resp: 180593
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.184 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 17218

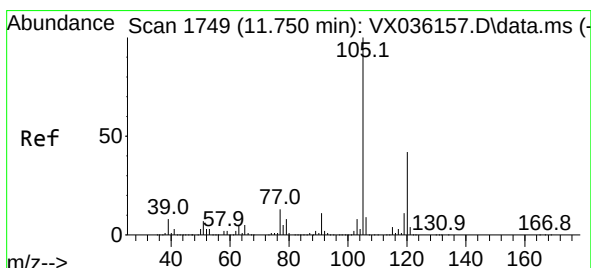
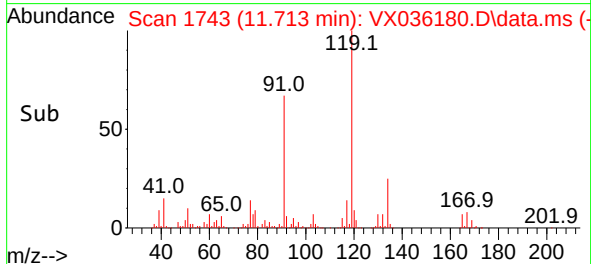
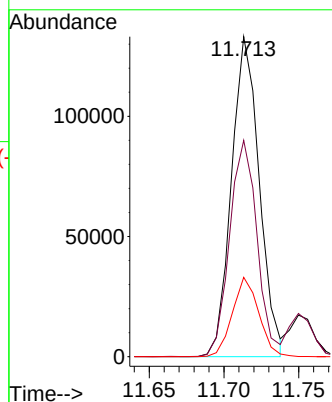
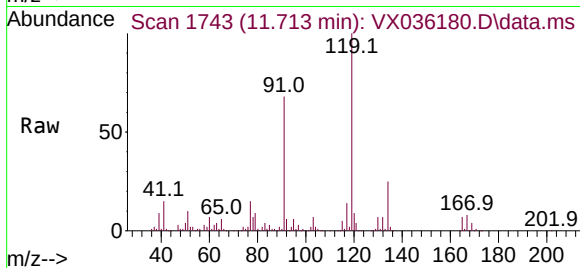
Ion	Ratio	Lower	Upper
119	100		
91	66.8	31.2	93.6
134	23.6	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.450 ug/l

RT: 11.750 min Scan# 1749

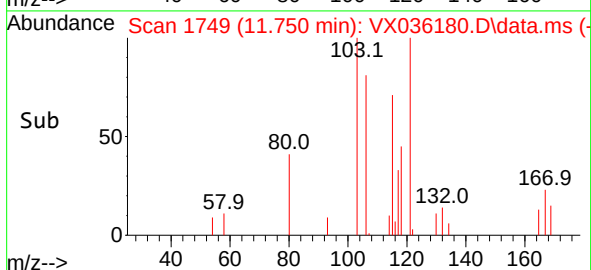
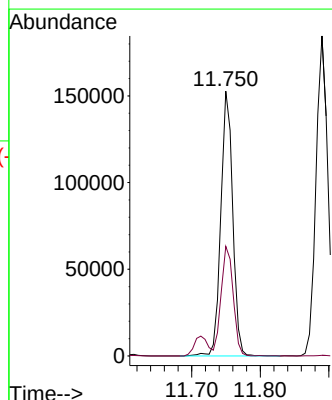
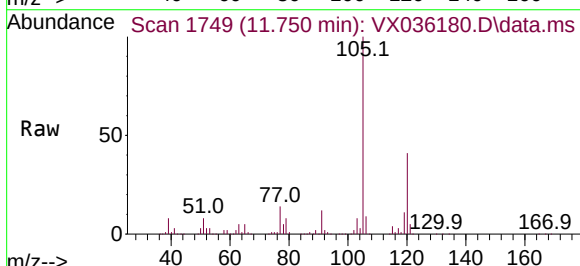
Delta R.T. -0.000 min

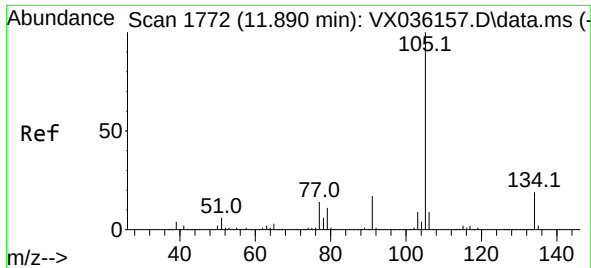
Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion:105 Resp: 182927

Ion	Ratio	Lower	Upper
105	100		
120	41.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 21.994 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

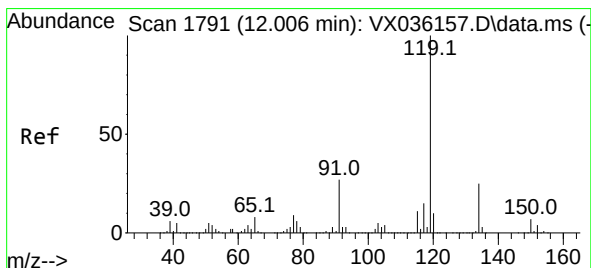
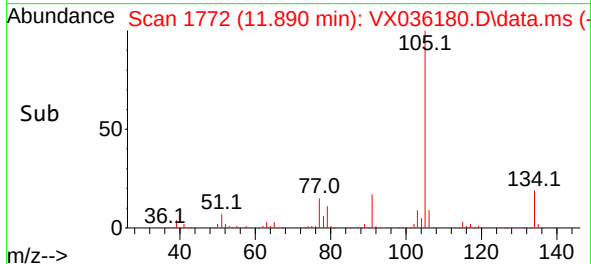
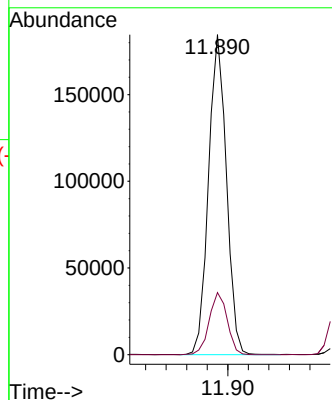
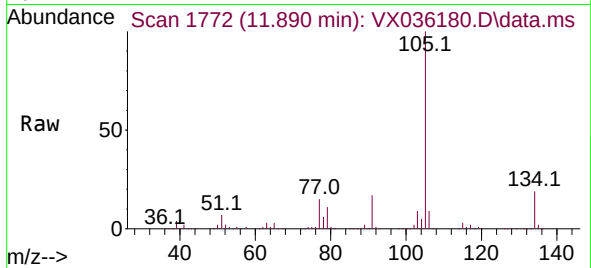
VSTDIC020

Tgt Ion:105 Resp: 222592
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations

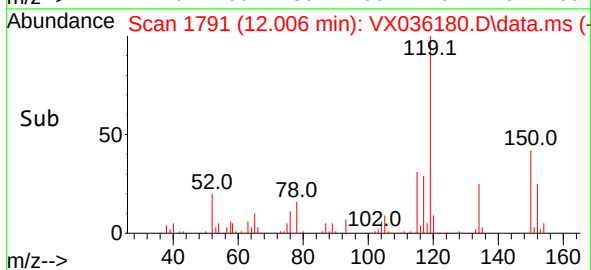
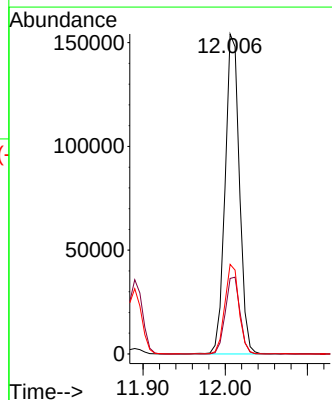
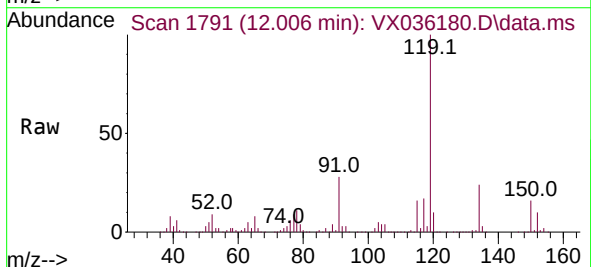
APPROVED

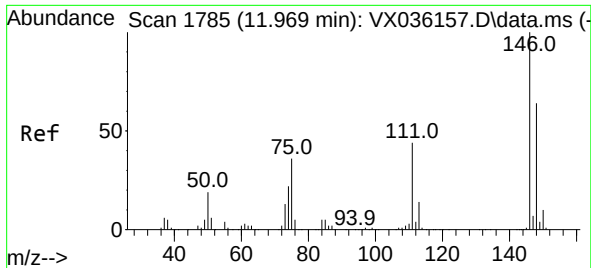
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 21.928 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036180.D
 Acq: 16 Jun 2023 13:14

Tgt Ion:119 Resp: 186715
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.486 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

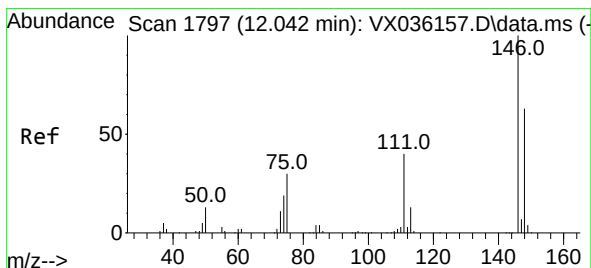
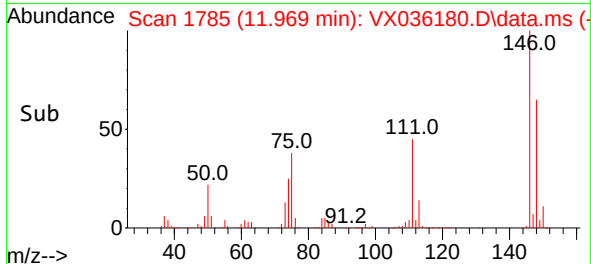
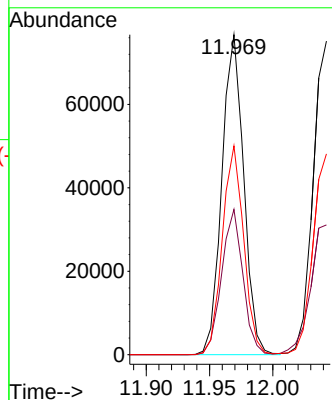
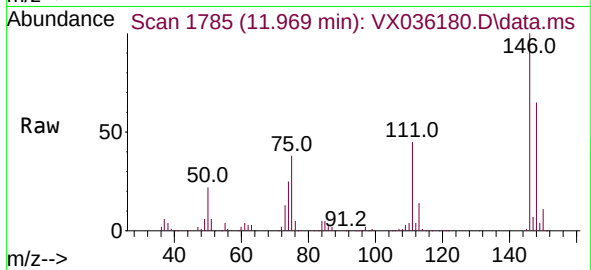
Tgt Ion:146	Resp:	9190
Ion Ratio	Lower	Upper
146	100	
111	44.4	22.1 66.1
148	63.9	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#88

1,4-Dichlorobenzene

Concen: 20.493 ug/l

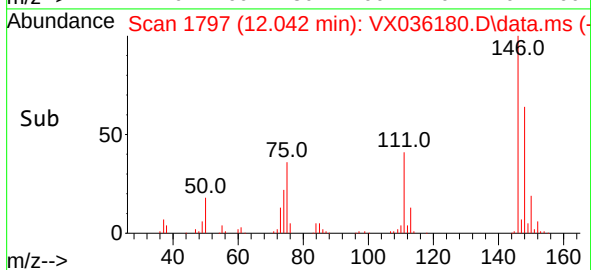
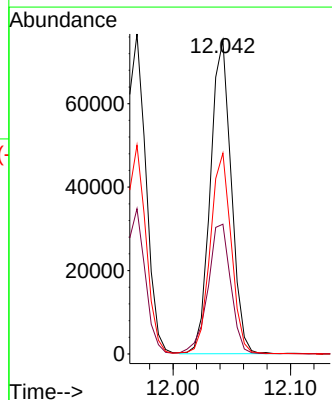
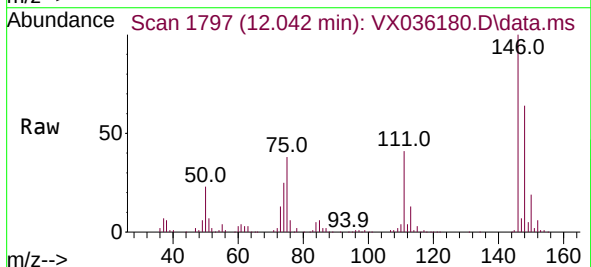
RT: 12.042 min Scan# 1797

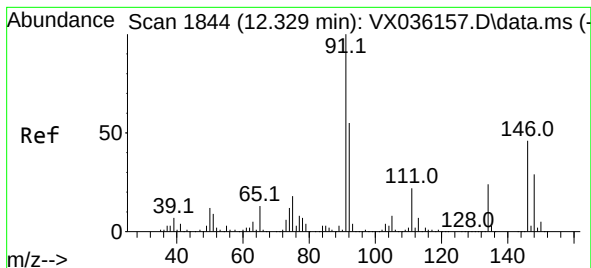
Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

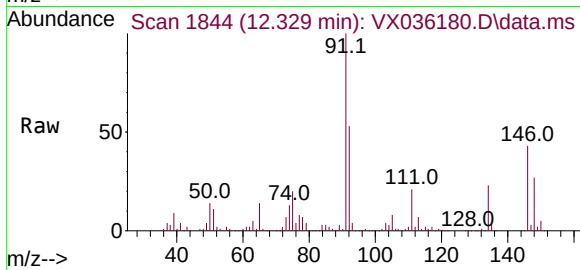
Tgt Ion:146	Resp:	92754
Ion Ratio	Lower	Upper
146	100	
111	45.5	21.3 63.7
148	64.9	31.8 95.4





#89
n-Butylbenzene
Concen: 21.927 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

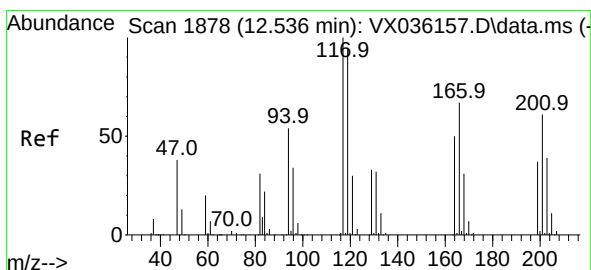
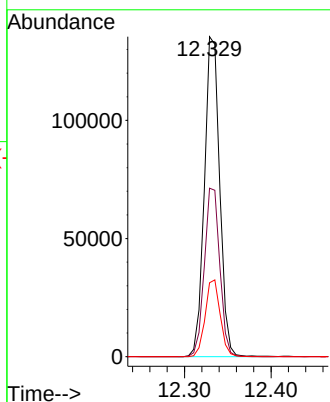
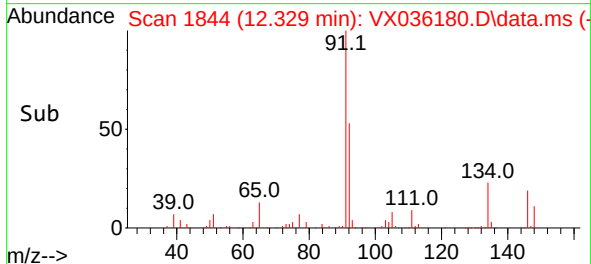
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 16662
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 23.6 12.6 37.8

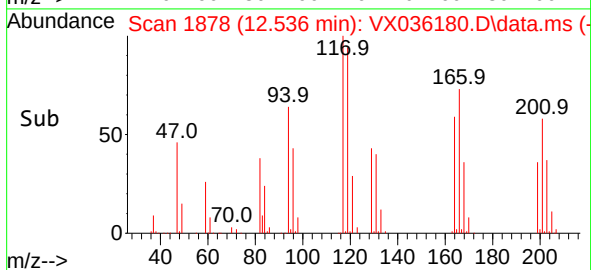
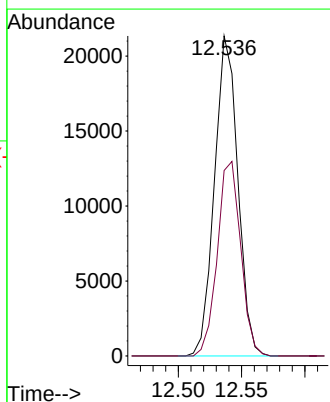
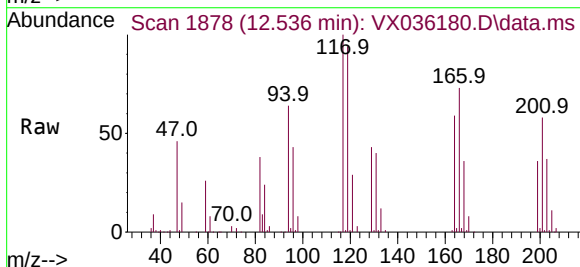
Manual Integrations
APPROVED

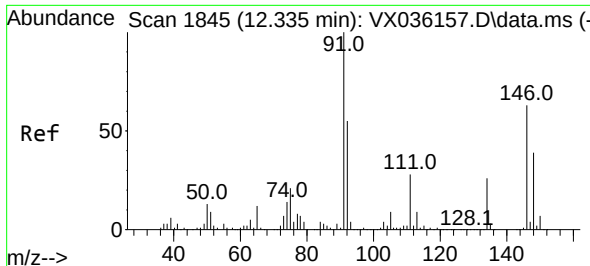
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 19.211 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion:117 Resp: 27338
Ion Ratio Lower Upper
117 100
201 61.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.280 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

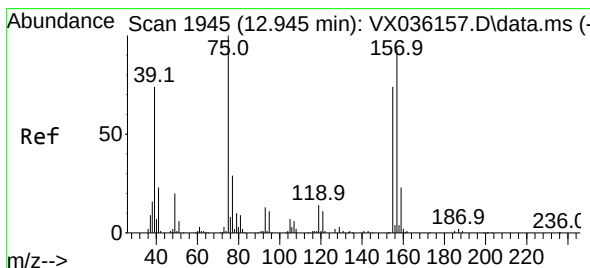
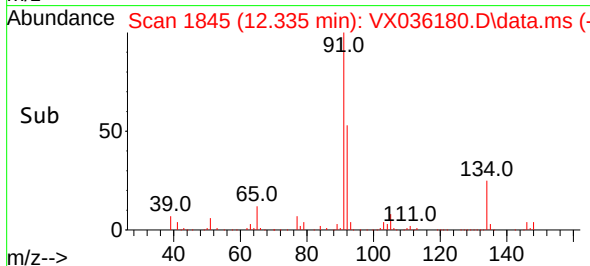
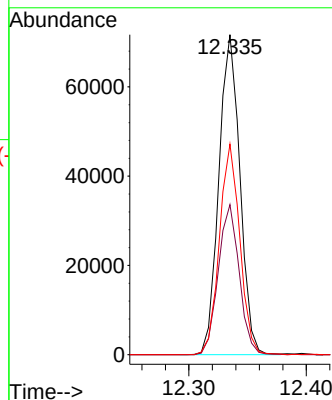
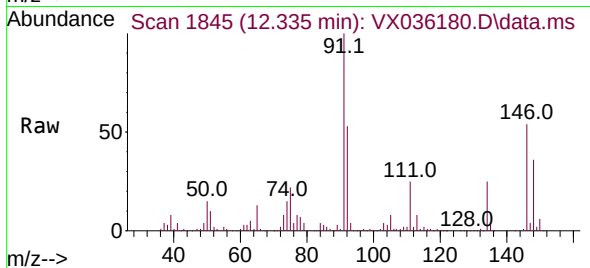
Tgt Ion:146 Resp: 8929
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations

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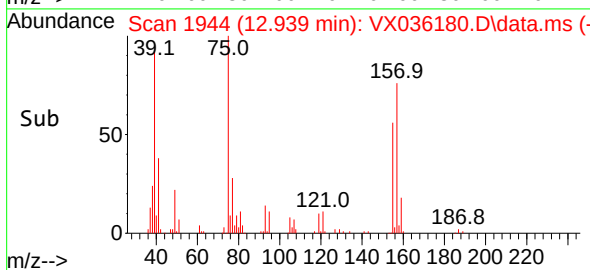
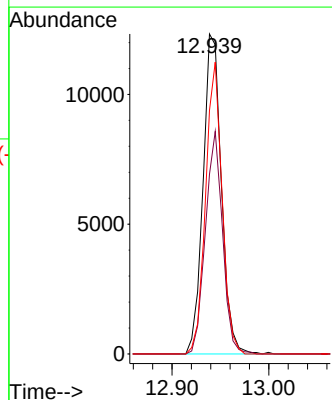
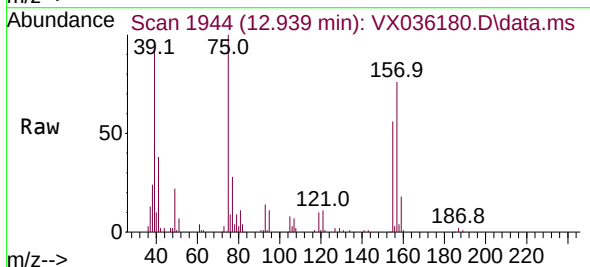
Reviewed By :John Carlone 06/16/2023

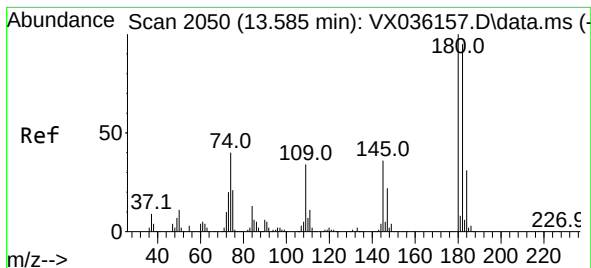
Supervised By :Mahesh Dadoda 06/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.490 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036180.D
Acq: 16 Jun 2023 13:14

Tgt Ion: 75 Resp: 16296
Ion Ratio Lower Upper
75 100
155 65.0 36.1 108.5
157 82.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 21.325 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

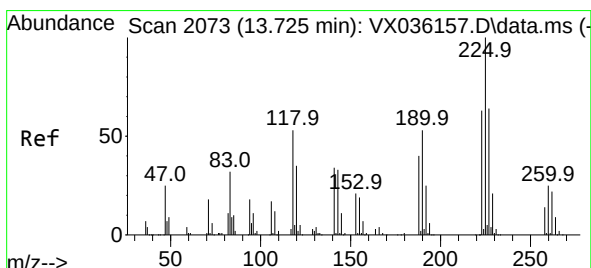
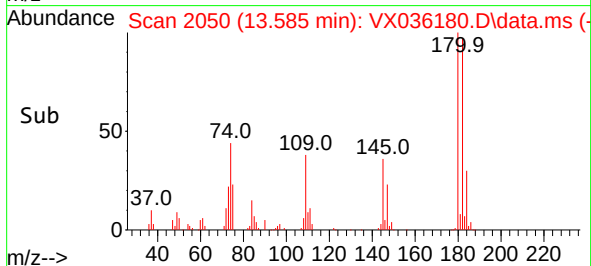
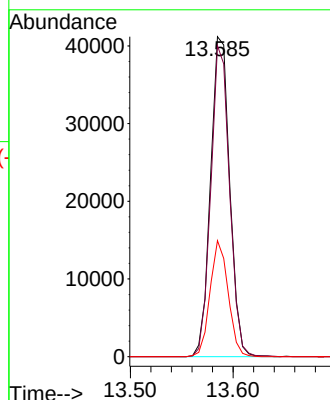
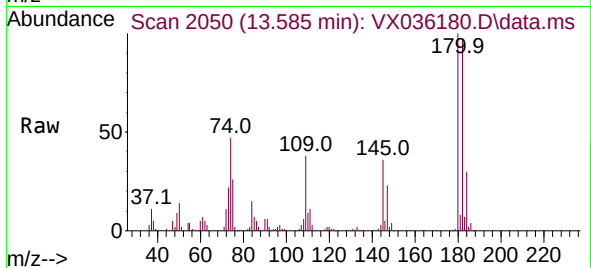
Tgt Ion:180	Resp:	53225
Ion Ratio	Lower	Upper
180	100	
182	95.1	48.3 144.8
145	34.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 21.689 ug/l

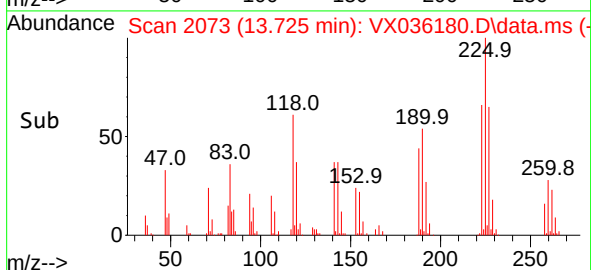
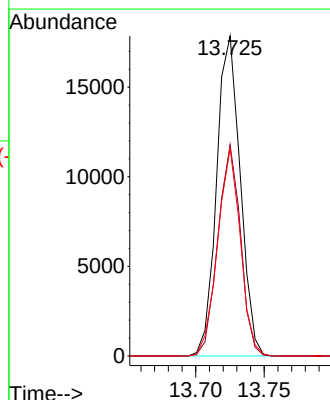
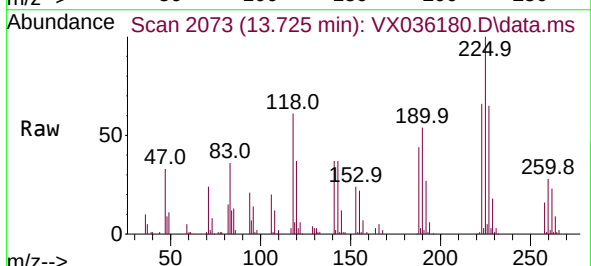
RT: 13.725 min Scan# 2073

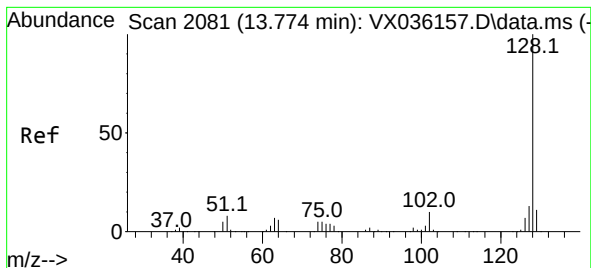
Delta R.T. 0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion:225	Resp:	21400
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.2
227	62.3	32.5 97.5





#95

Naphthalene

Concen: 21.396 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

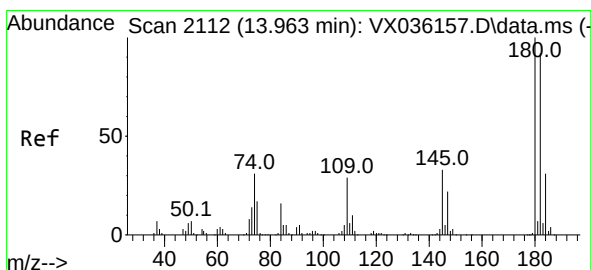
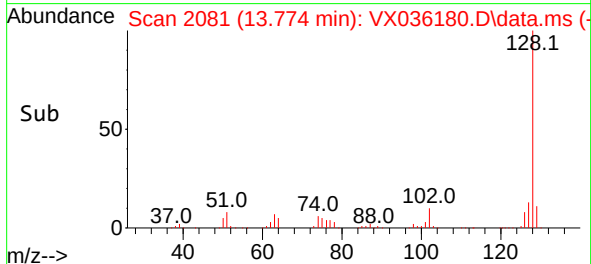
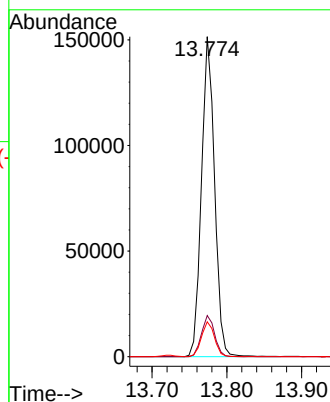
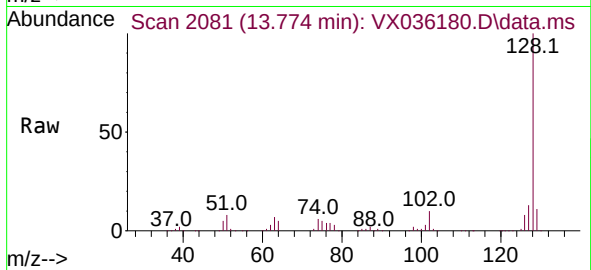
Tgt Ion:128	Resp: 18420
Ion Ratio	Lower Upper
128 100	
127 12.9	10.3 15.5
129 10.9	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.279 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036180.D

Acq: 16 Jun 2023 13:14

Tgt Ion:180	Resp: 53258
Ion Ratio	Lower Upper
180 100	
182 94.7	46.9 140.6
145 36.4	17.8 53.5

