

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036602.D
 Acq On : 21 Jul 2023 10:33
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 21 11:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	322720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	141354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50236	18.680	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	37.360%#		
35) Dibromofluoromethane	5.385	113	41129	19.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.420%#		
50) Toluene-d8	8.647	98	149216	18.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.660%#		
62) 4-Bromofluorobenzene	11.079	95	57293	20.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.000%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48135	25.753	ug/l	100
3) Chloromethane	1.300	50	45430	15.639	ug/l	100
4) Vinyl Chloride	1.374	62	46261	14.606	ug/l	96
5) Bromomethane	1.617	94	26586	11.855	ug/l	100
6) Chloroethane	1.691	64	24862	11.060	ug/l	99
7) Trichlorofluoromethane	1.886	101	71383	14.759	ug/l	96
8) Diethyl Ether	2.136	74	26054	14.051	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	42698	20.085	ug/l	99
10) Methyl Iodide	2.453	142	43935	17.500	ug/l	91
11) Tert butyl alcohol	2.989	59	72607	139.472	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	40975	19.430	ug/l	93
13) Acrolein	2.239	56	36294	58.915	ug/l	98
14) Allyl chloride	2.666	41	82260	23.253	ug/l	93
15) Acrylonitrile	3.068	53	141224	113.005	ug/l	98
16) Acetone	2.392	43	130118	113.028	ug/l	91
17) Carbon Disulfide	2.514	76	115338	21.775	ug/l	100
18) Methyl Acetate	2.709	43	102317	21.612	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	154414	22.063	ug/l	100
20) Methylene Chloride	2.788	84	48302	19.562	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	46146	20.281	ug/l	91
22) Diisopropyl ether	3.757	45	158393	22.518	ug/l	99
23) Vinyl Acetate	3.721	43	615389	119.295	ug/l	97
24) 1,1-Dichloroethane	3.611	63	87657	21.292	ug/l	98
25) 2-Butanone	4.562	43	207376	123.267	ug/l	97
26) 2,2-Dichloropropane	4.477	77	82747	26.884	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	54512	21.216	ug/l	96
28) Bromochloromethane	4.897	49	42470	19.877	ug/l	97
29) Tetrahydrofuran	5.013	42	131903	122.551	ug/l	97
30) Chloroform	5.092	83	89579	21.554	ug/l	97
31) Cyclohexane	5.477	56	78245	22.319	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82307	23.360	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66781	20.864	ug/l	98
37) Ethyl Acetate	4.714	43	79176	23.773	ug/l	97
38) Carbon Tetrachloride	5.678	117	69829	23.346	ug/l	97
39) Methylcyclohexane	7.379	83	83297	21.686	ug/l	96
40) Benzene	6.037	78	193325	21.485	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036602.D
 Acq On : 21 Jul 2023 10:33
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 21 11:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42772	23.309	ug/l	95
42) 1,2-Dichloroethane	6.086	62	70149	20.631	ug/l	95
43) Isopropyl Acetate	6.342	43	129260	24.098	ug/l	96
44) Trichloroethene	7.129	130	49912	20.118	ug/l	99
45) 1,2-Dichloropropane	7.427	63	50543	20.733	ug/l	98
46) Dibromomethane	7.580	93	34993	20.357	ug/l	97
47) Bromodichloromethane	7.824	83	72868	23.059	ug/l	99
48) Methyl methacrylate	7.690	41	61961	23.393	ug/l	94
49) 1,4-Dioxane	7.702	88	28525	494.633	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	394672	116.889	ug/l	98
52) Toluene	8.720	92	122698	21.534	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	83235	25.461	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	87906	24.194	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	49039	20.746	ug/l	95
56) Ethyl methacrylate	9.116	69	83085	23.022	ug/l	97
57) 1,3-Dichloropropane	9.305	76	84524	20.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	221635	113.213	ug/l	100
59) 2-Hexanone	9.427	43	302799	122.603	ug/l	95
60) Dibromochloromethane	9.518	129	54650	23.209	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52999	21.139	ug/l	100
64) Tetrachloroethene	9.275	164	43889	20.962	ug/l	98
65) Chlorobenzene	10.079	112	129768	20.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50051	23.357	ug/l	99
67) Ethyl Benzene	10.195	91	240888	21.676	ug/l	99
68) m/p-Xylenes	10.299	106	181992	42.383	ug/l	99
69) o-Xylene	10.640	106	90171	21.554	ug/l	99
70) Styrene	10.652	104	149047	21.771	ug/l	99
71) Bromoform	10.799	173	41168	26.017	ug/l #	99
73) Isopropylbenzene	10.963	105	236263	21.999	ug/l	98
74) N-amyl acetate	10.841	43	110153	25.220	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	78563	21.583	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68378m	22.268	ug/l	
77) Bromobenzene	11.195	156	53158	20.203	ug/l	98
78) n-propylbenzene	11.305	91	275191	21.900	ug/l	100
79) 2-Chlorotoluene	11.366	91	163351	21.796	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	198885	21.847	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29344	28.395	ug/l	86
82) 4-Chlorotoluene	11.451	91	188417	21.664	ug/l	99
83) tert-Butylbenzene	11.713	119	193685	22.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	200015	22.168	ug/l	98
85) sec-Butylbenzene	11.890	105	244411	22.044	ug/l	99
86) p-Isopropyltoluene	12.006	119	203442	21.921	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99020	20.475	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	98901	20.098	ug/l	99
89) n-Butylbenzene	12.329	91	181536	21.948	ug/l	100
90) Hexachloroethane	12.536	117	40679	27.420	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	96044	20.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18784	26.319	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	57936	19.798	ug/l	96
94) Hexachlorobutadiene	13.725	225	24288	20.209	ug/l	99
95) Naphthalene	13.774	128	204173	21.055	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	57004	20.003	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
Data File : VX036602.D
Acq On : 21 Jul 2023 10:33
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/24/2023
Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 11:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:46:25 2023
Response via : Initial Calibration

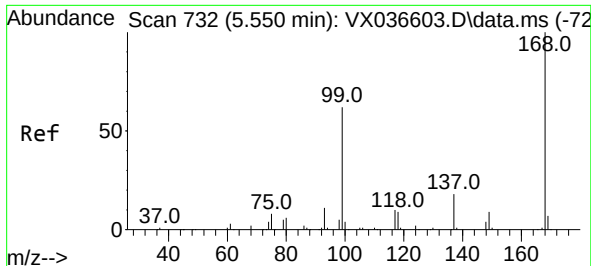
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Manual Integrations APPROVED

Quant Time: Jul 21 11:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:46:25 2023
Response via : Initial Calibration





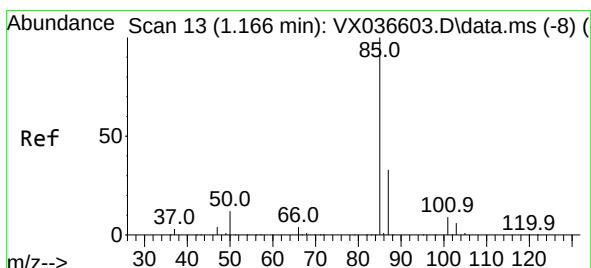
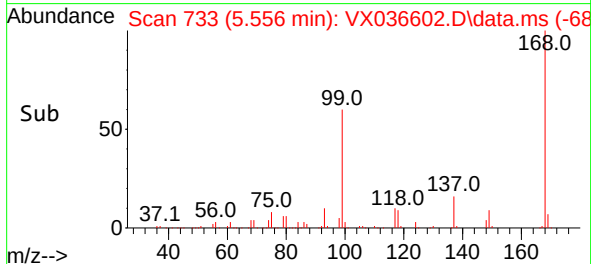
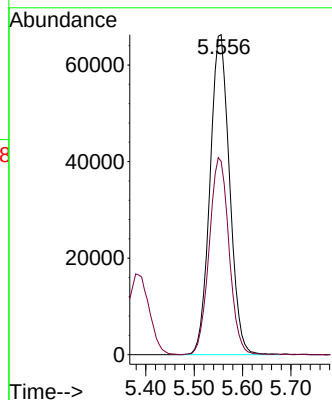
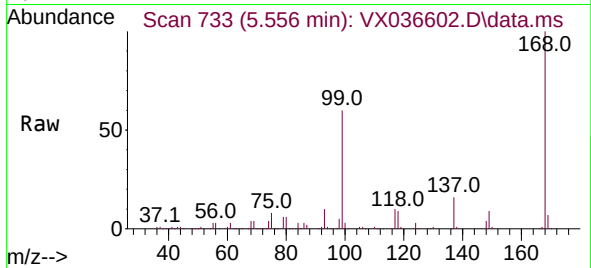
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 18639
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0

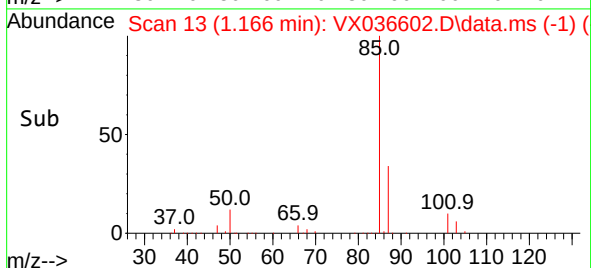
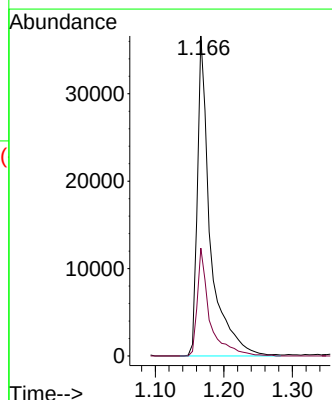
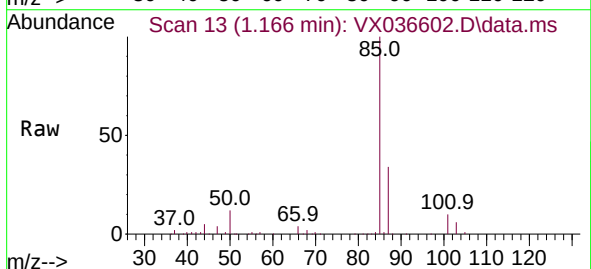
Manual Integrations
APPROVED

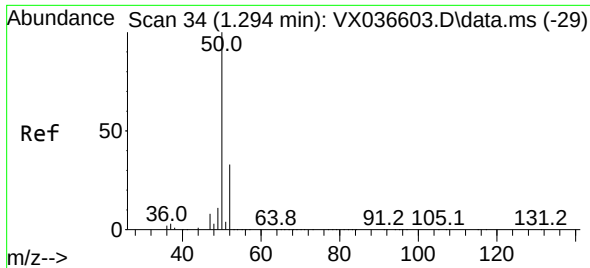
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 25.753 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

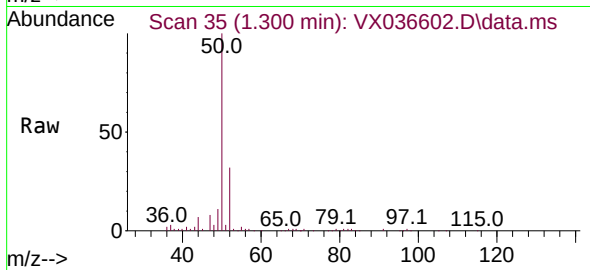
Tgt Ion: 85 Resp: 48135
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3
Chloromethane
Concen: 15.639 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

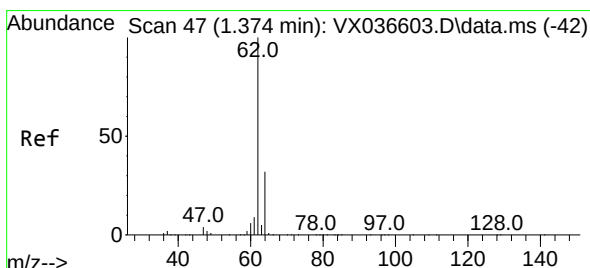
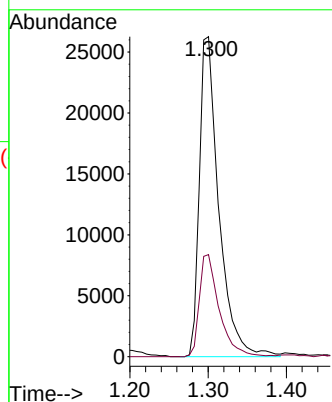
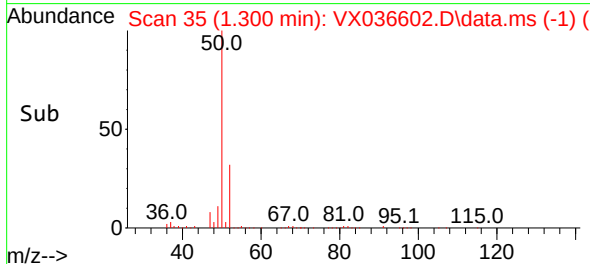
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 50 Resp: 45430
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3

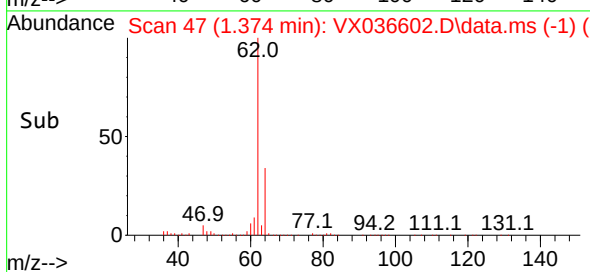
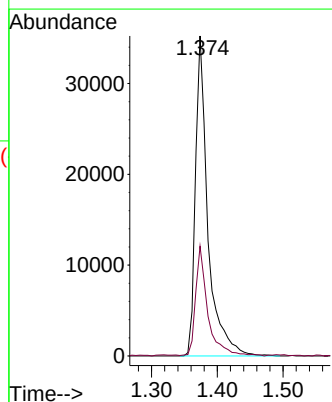
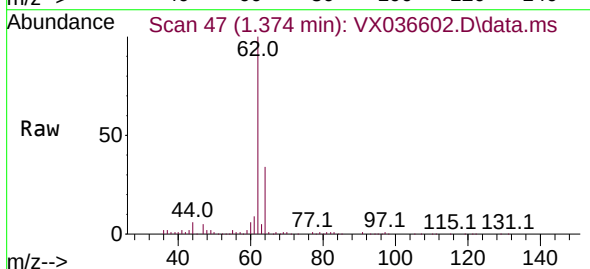
Manual Integrations
APPROVED

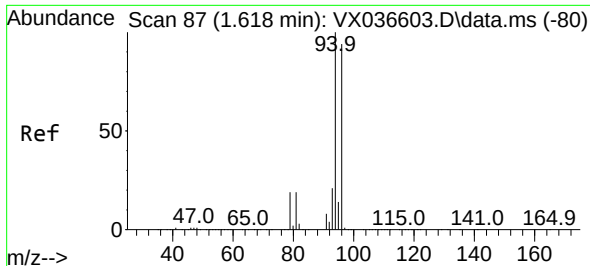
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 14.606 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

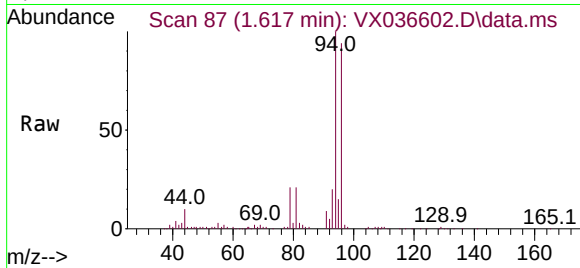
Tgt Ion: 62 Resp: 46261
Ion Ratio Lower Upper
62 100
64 34.1 25.4 38.0





#5
Bromomethane
Concen: 11.855 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

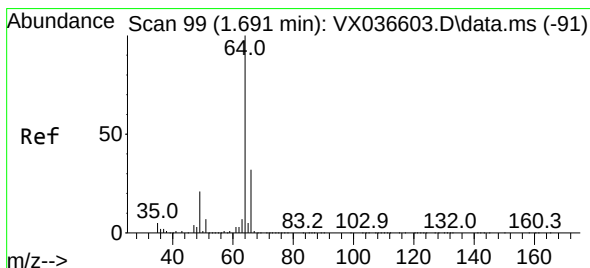
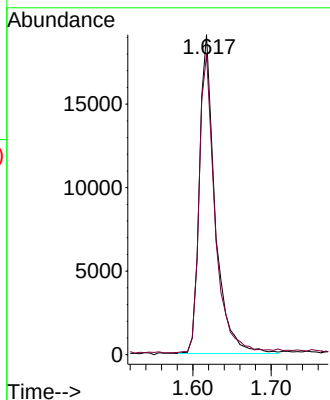
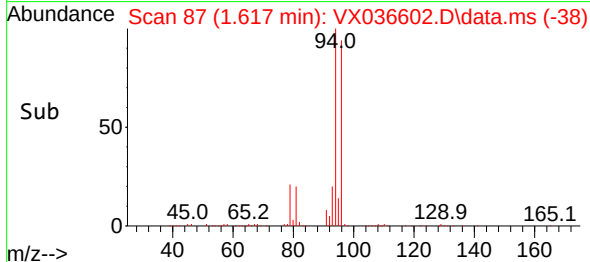
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 94 Resp: 26580
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

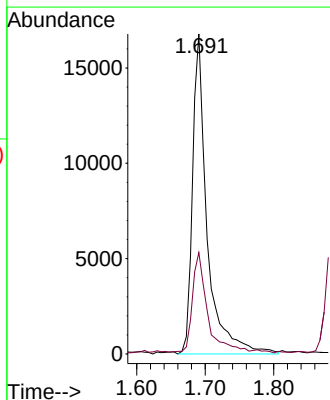
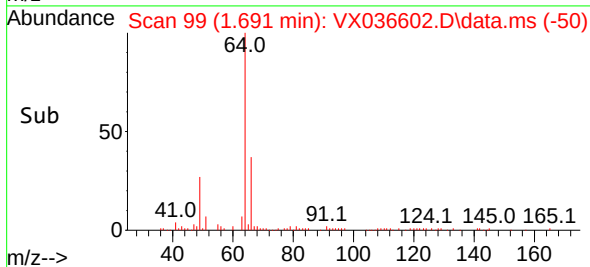
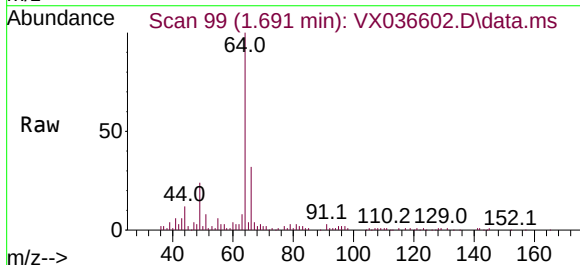
Manual Integrations
APPROVED

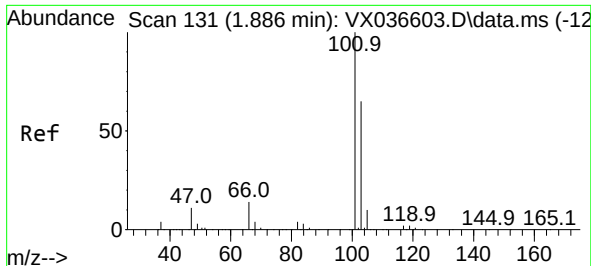
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#6
Chloroethane
Concen: 11.060 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

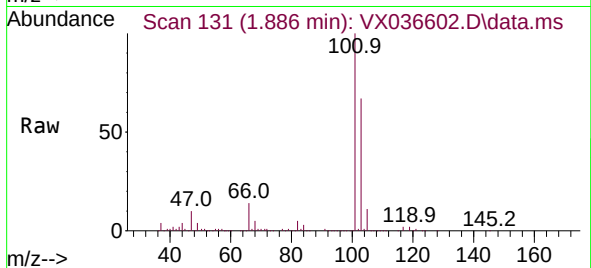
Tgt Ion: 64 Resp: 24862
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 14.759 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33

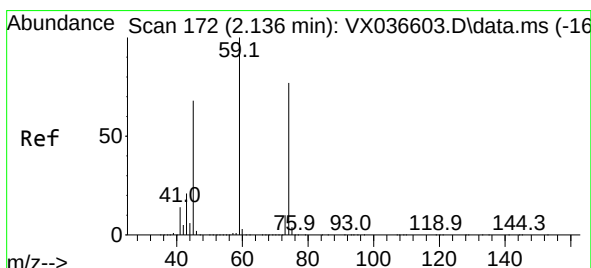
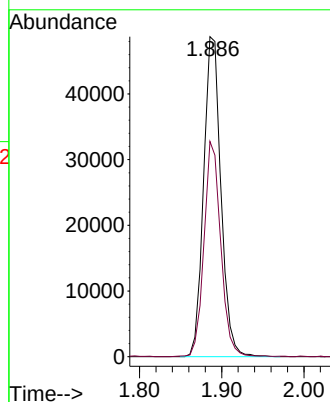
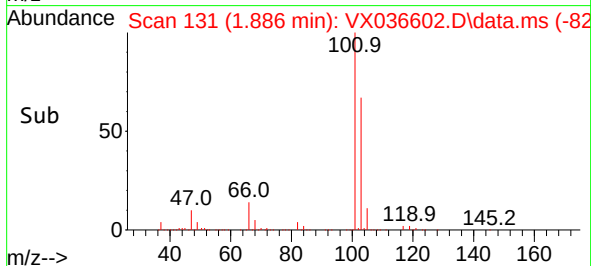
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



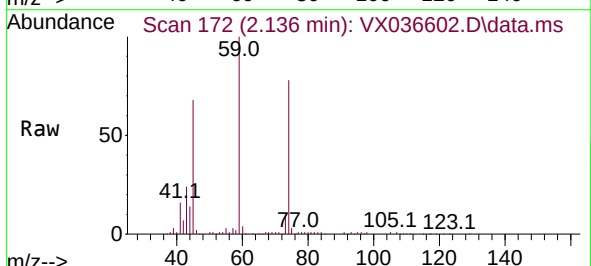
Tgt Ion:101 Resp: 7138
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.2

Manual Integrations
 APPROVED

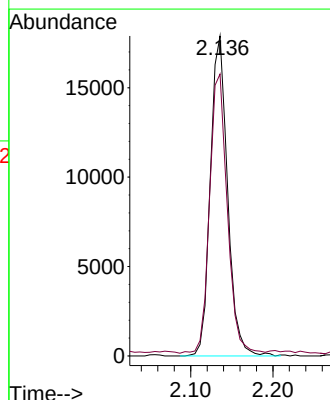
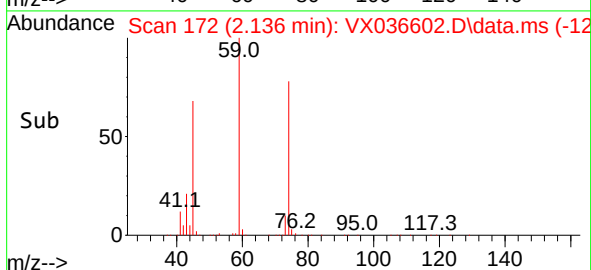
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

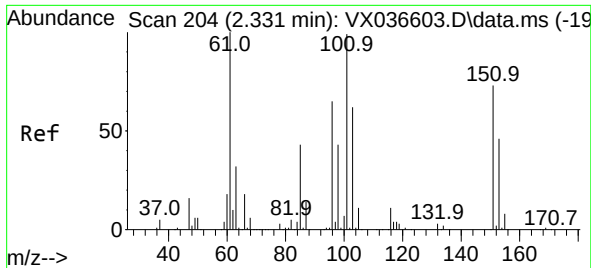


#8
 Diethyl Ether
 Concen: 14.051 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33



Tgt Ion: 74 Resp: 26054
 Ion Ratio Lower Upper
 74 100
 45 89.2 53.3 159.8





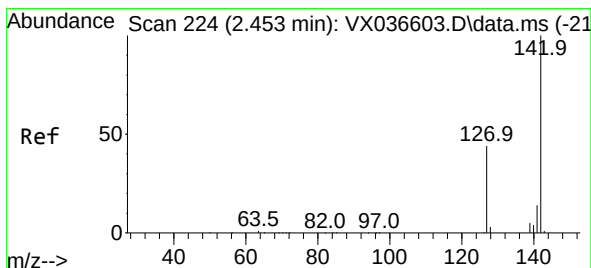
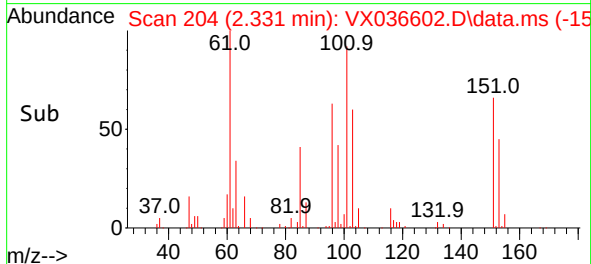
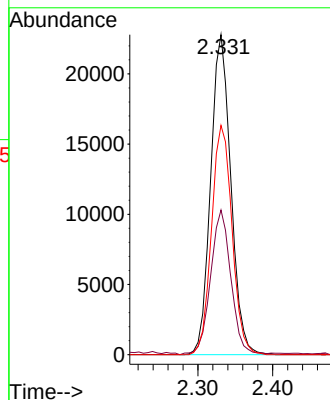
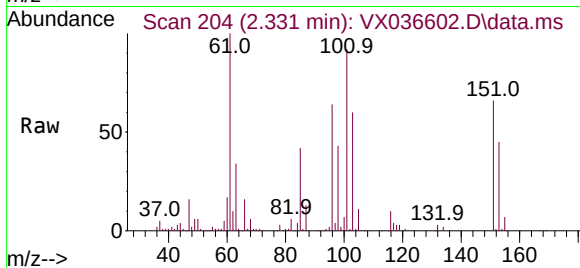
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.085 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 42698
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.6
151 73.0 58.6 87.8

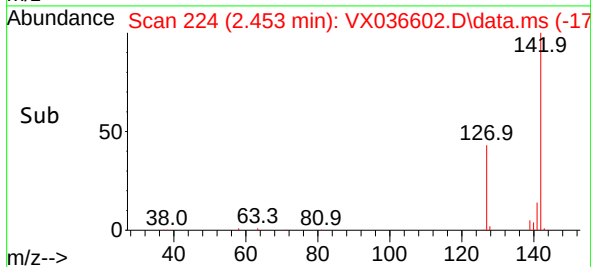
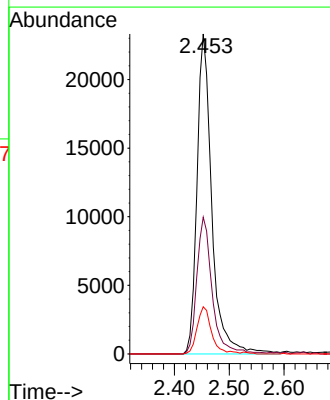
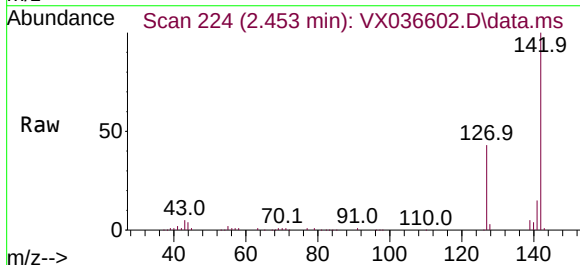
Manual Integrations
APPROVED

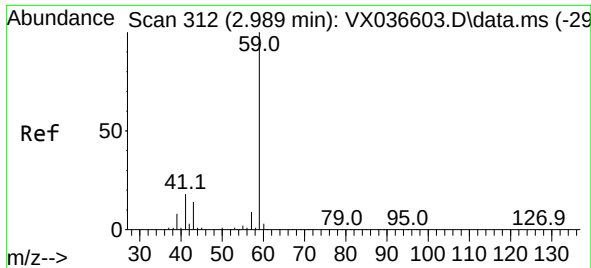
Reviewed By :John Carbone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 17.500 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

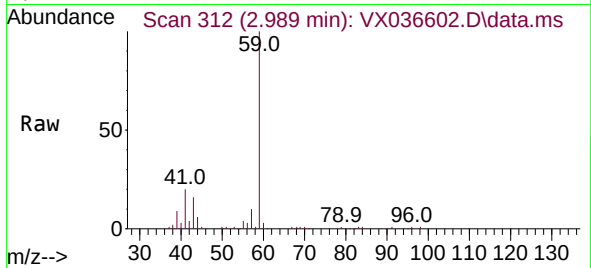
Tgt Ion:142 Resp: 43935
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 139.472 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

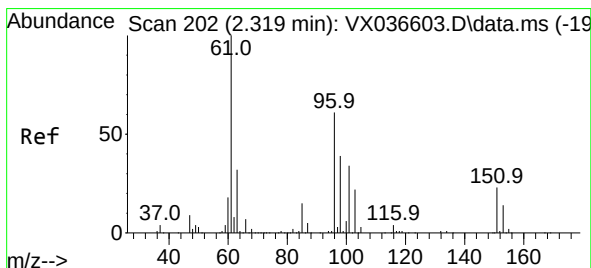
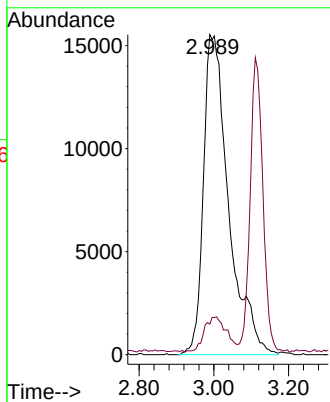
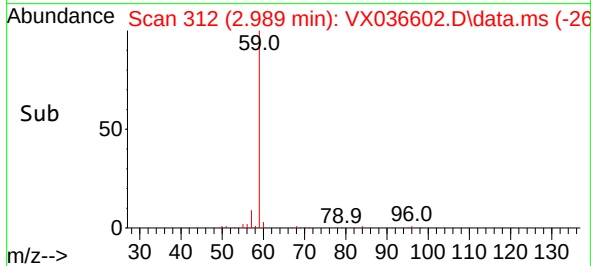
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



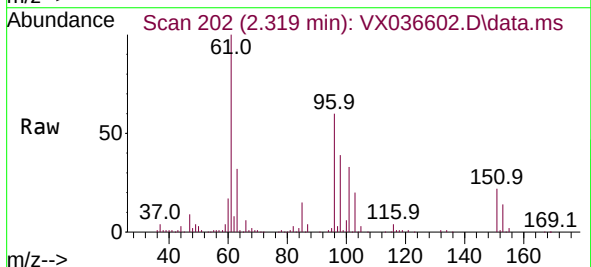
Tgt Ion: 59 Resp: 7260
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0

Manual Integrations
APPROVED

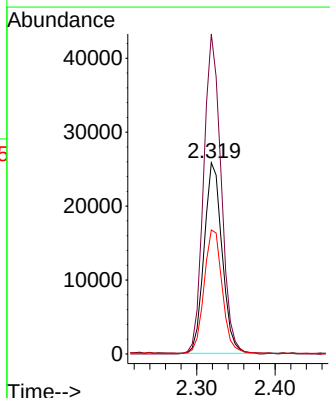
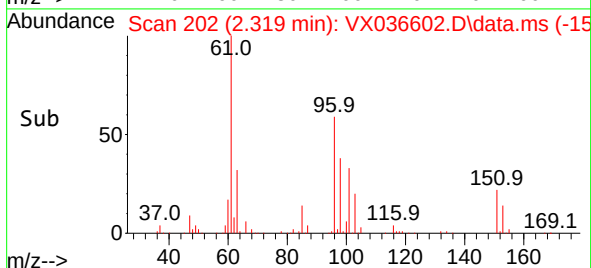
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

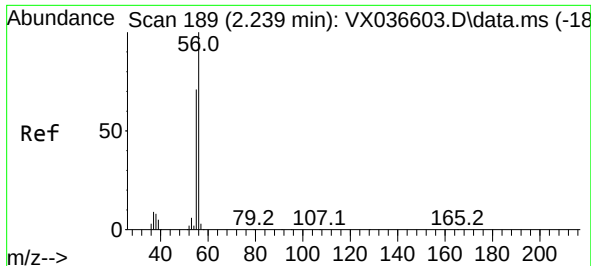


#12
1,1-Dichloroethene
Concen: 19.430 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



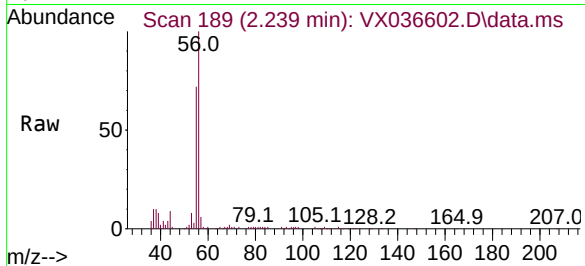
Tgt Ion: 96 Resp: 40975
Ion Ratio Lower Upper
96 100
61 167.9 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 58.915 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

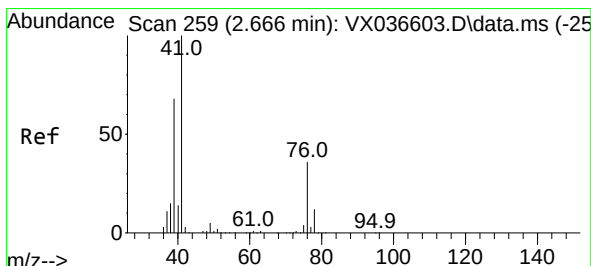
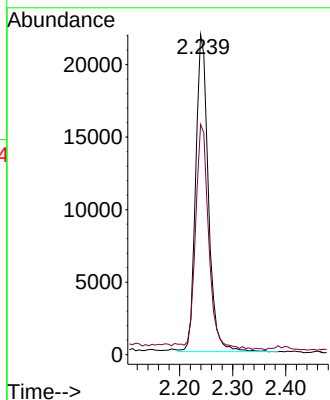
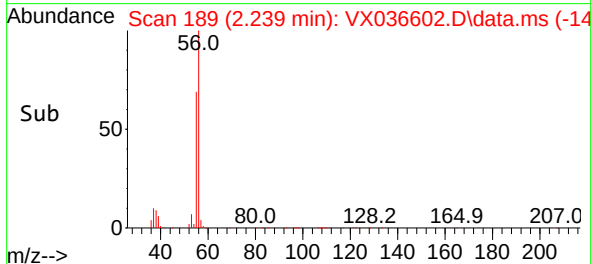
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 36294
Ion Ratio Lower Upper
56 100
55 73.1 57.1 85.7

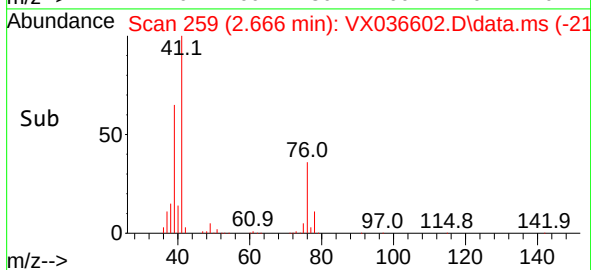
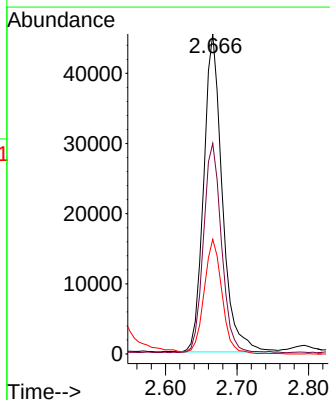
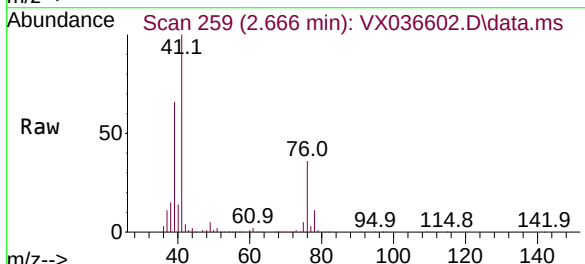
Manual Integrations
APPROVED

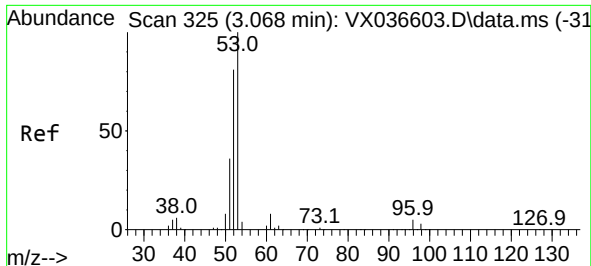
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 23.253 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

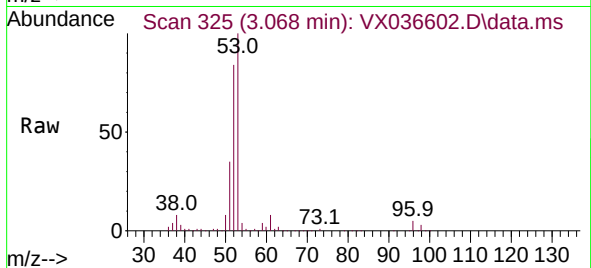
Tgt Ion: 41 Resp: 82260
Ion Ratio Lower Upper
41 100
39 63.5 55.8 83.6
76 34.2 24.3 36.5





#15
Acrylonitrile
Concen: 113.005 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

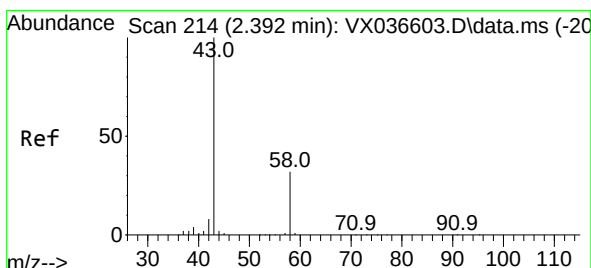
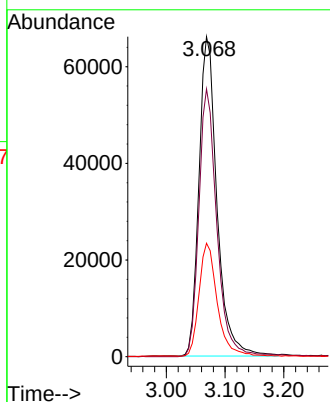
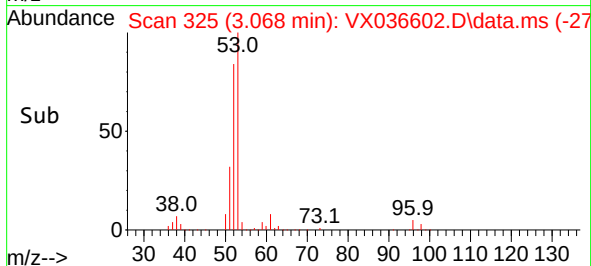
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 141224
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 35.8 29.8 44.6

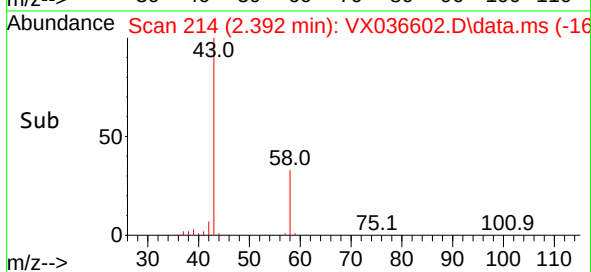
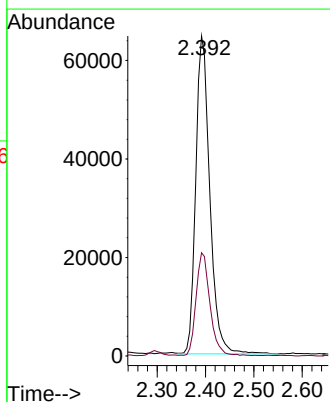
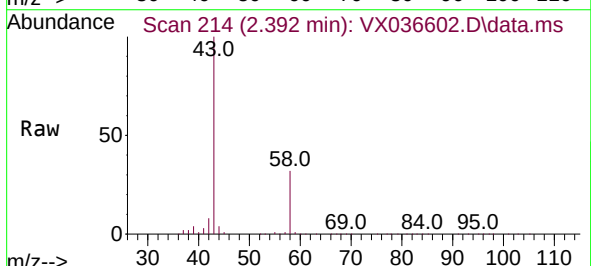
Manual Integrations
APPROVED

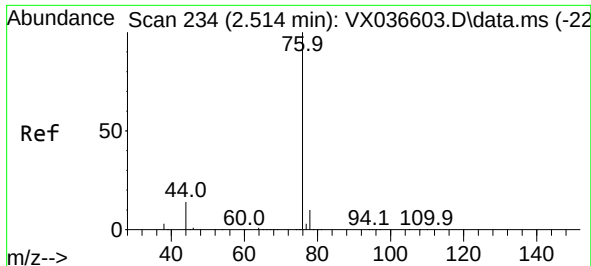
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 113.028 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion: 43 Resp: 130118
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17

Carbon Disulfide

Concen: 21.775 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 115338

Ion Ratio Lower Upper

76 100

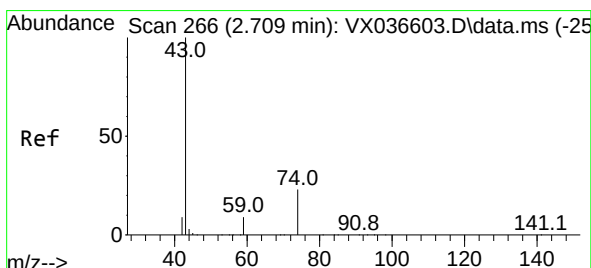
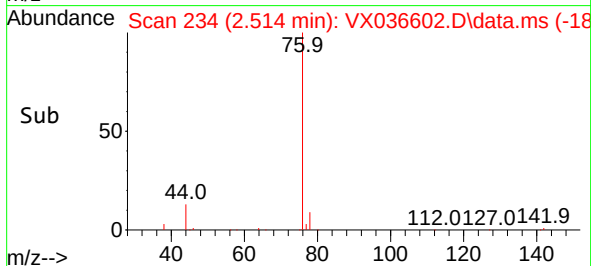
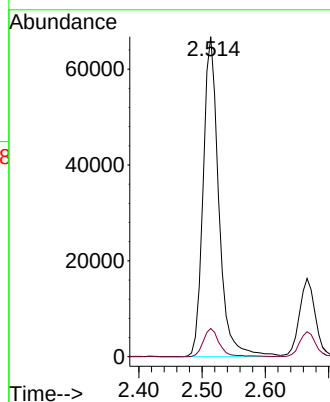
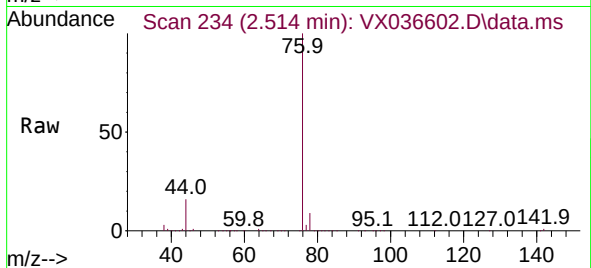
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#18

Methyl Acetate

Concen: 21.612 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX036602.D

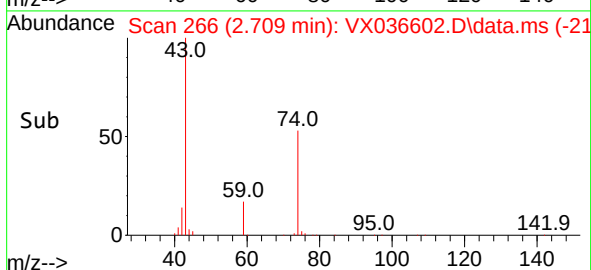
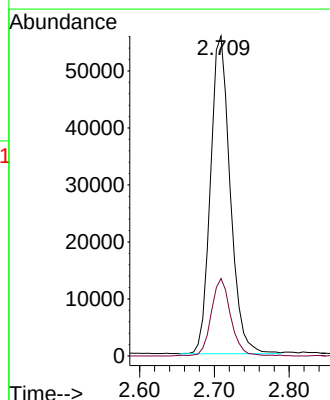
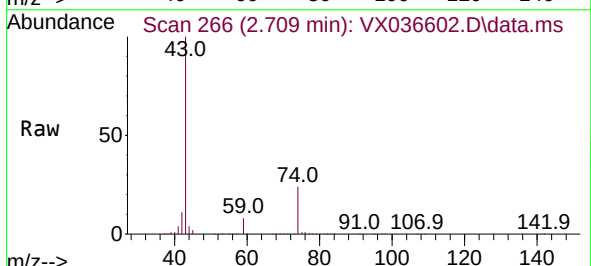
Acq: 21 Jul 2023 10:33

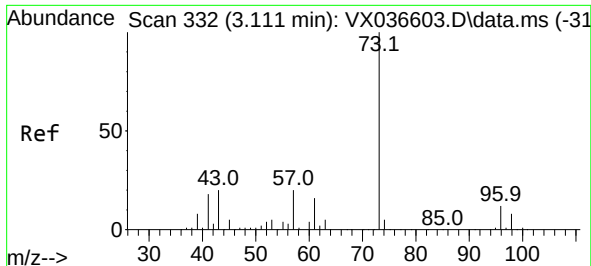
Tgt Ion: 43 Resp: 102317

Ion Ratio Lower Upper

43 100

74 24.3 17.8 26.8





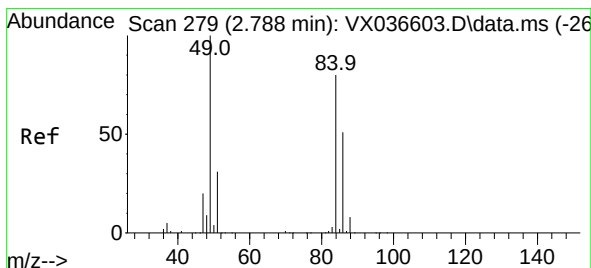
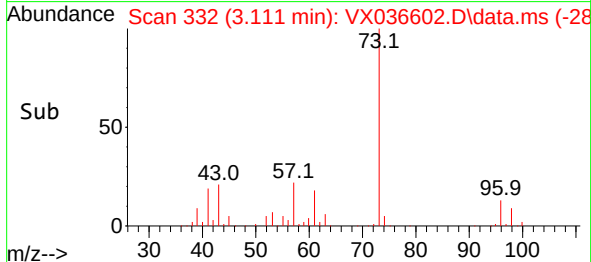
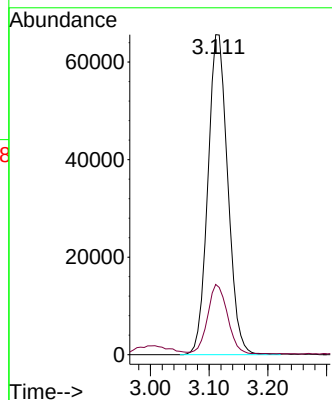
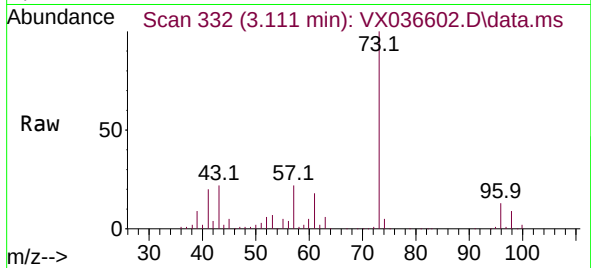
#19
Methyl tert-butyl Ether
Concen: 22.063 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 154414
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

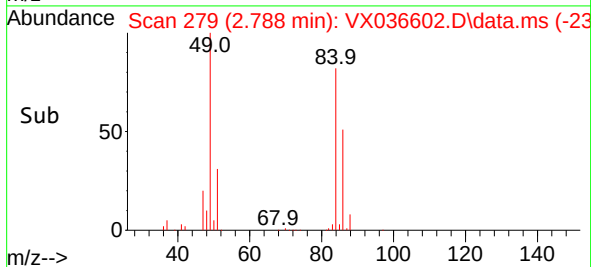
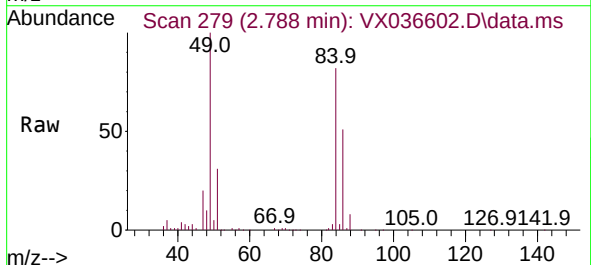
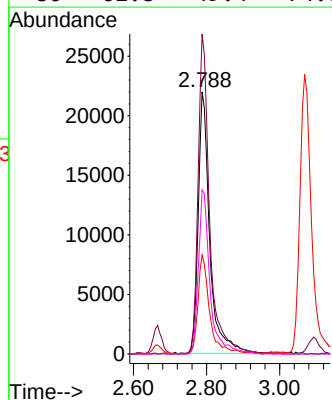
Manual Integrations
APPROVED

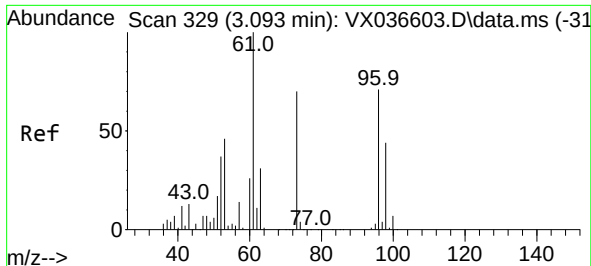
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 19.562 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

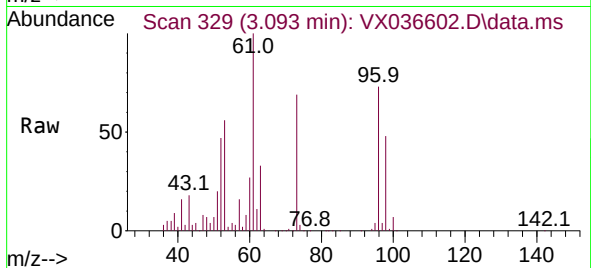
Tgt Ion: 84 Resp: 48302
Ion Ratio Lower Upper
84 100
49 122.3 103.6 155.4
51 37.9 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.281 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

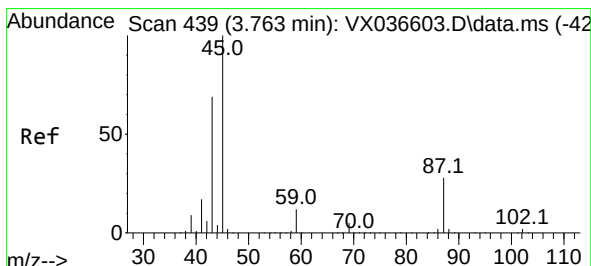
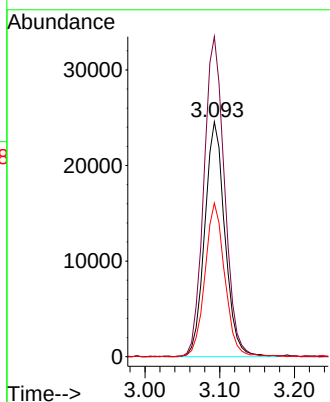
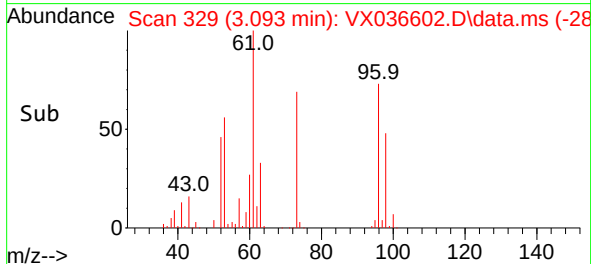
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



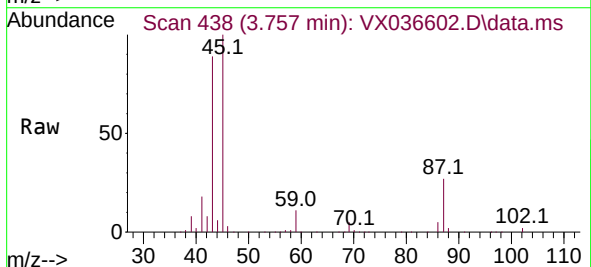
Tgt Ion: 96 Resp: 46140
Ion Ratio Lower Upper
96 100
61 136.0 119.2 178.8
98 65.1 48.7 73.1

Manual Integrations
APPROVED

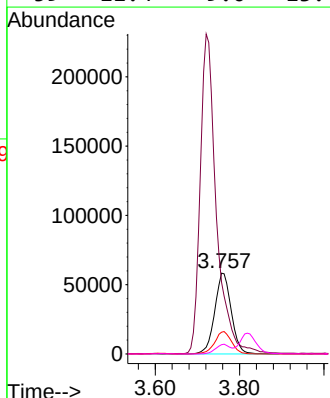
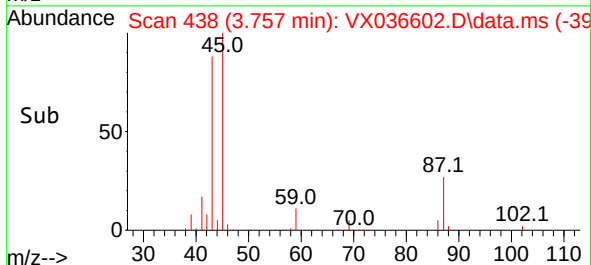
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

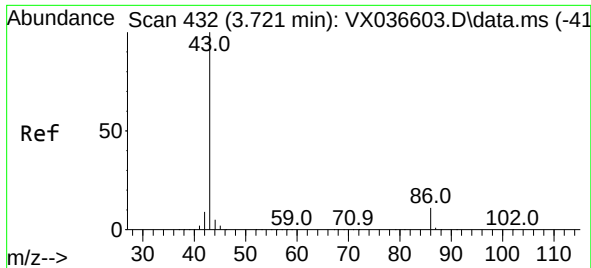


#22
Diisopropyl ether
Concen: 22.518 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



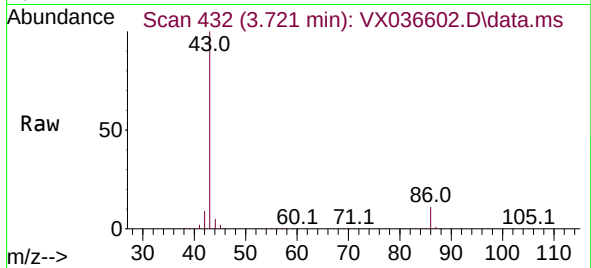
Tgt Ion: 45 Resp: 158393
Ion Ratio Lower Upper
45 100
43 88.2 69.7 104.5
87 26.9 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 119.295 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33

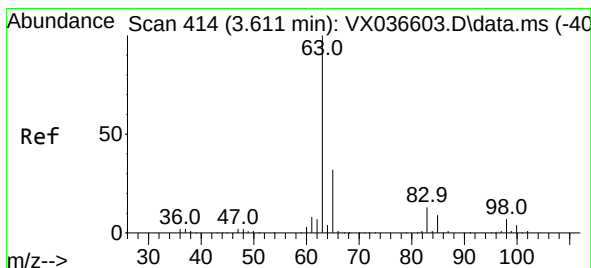
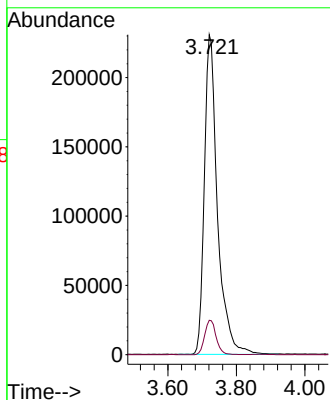
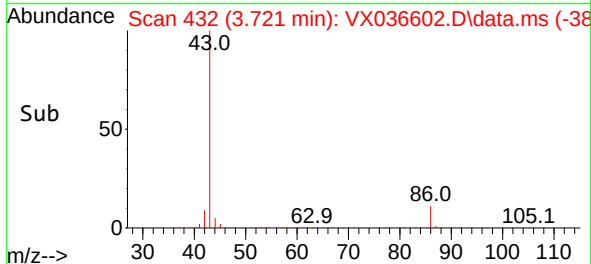
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



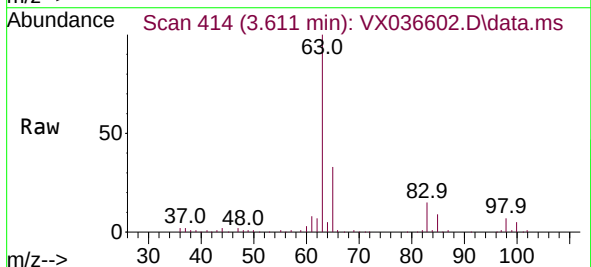
Tgt Ion: 43 Resp: 615389
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
 APPROVED

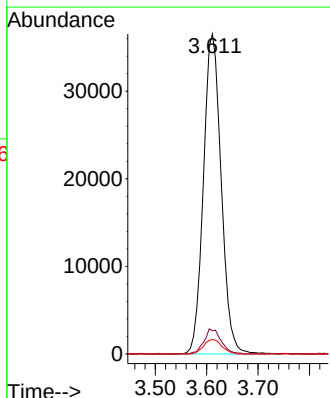
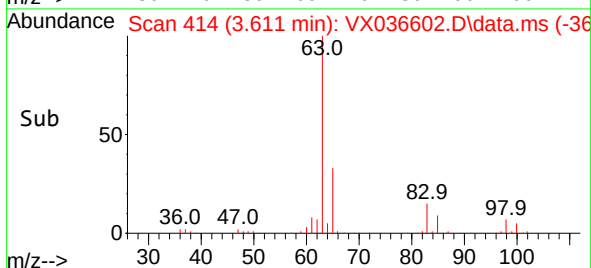
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

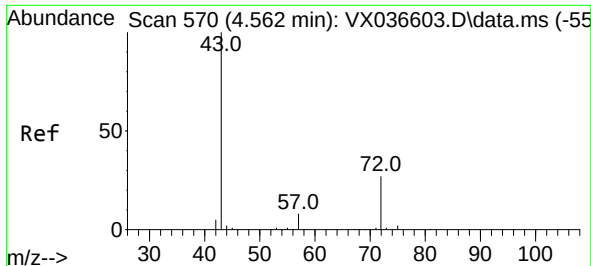


#24
 1,1-Dichloroethane
 Concen: 21.292 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33



Tgt Ion: 63 Resp: 87657
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 123.267 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 207370

Ion Ratio Lower Upper

43 100

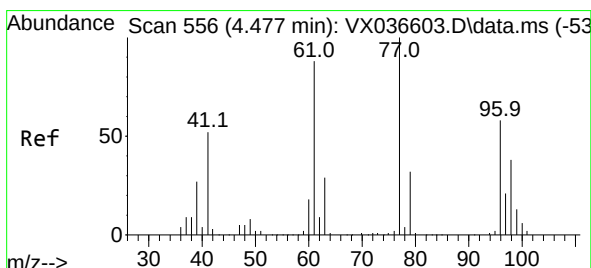
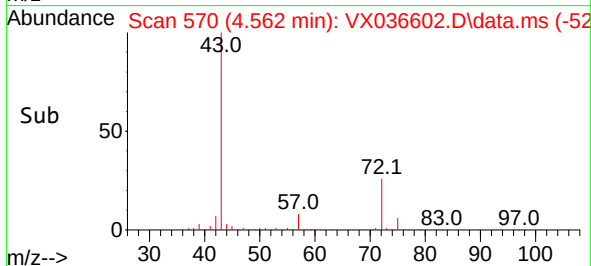
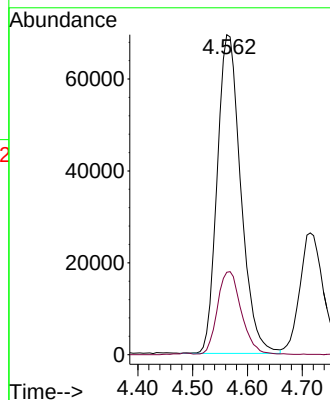
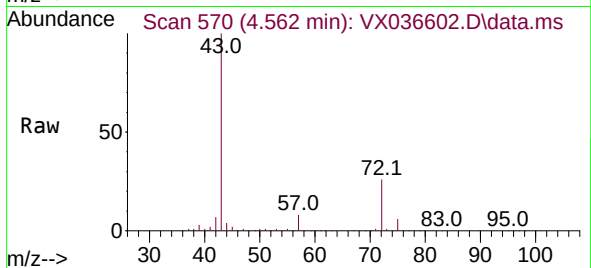
72 25.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 26.884 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX036602.D

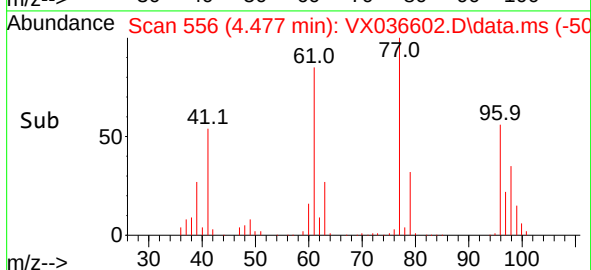
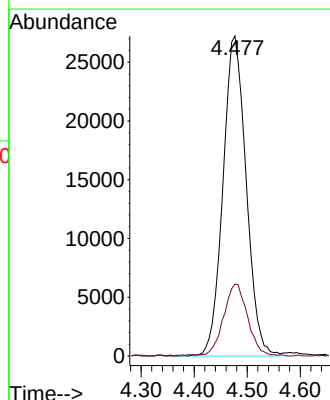
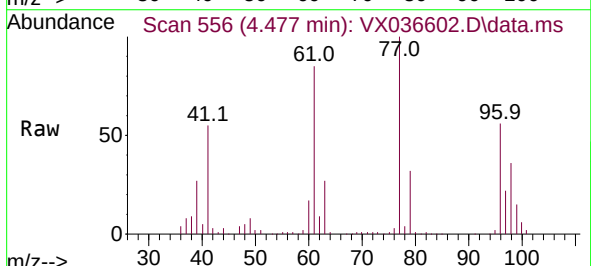
Acq: 21 Jul 2023 10:33

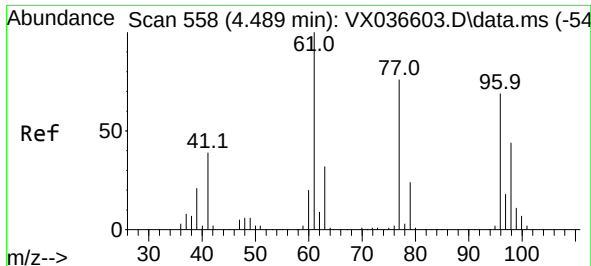
Tgt Ion: 77 Resp: 82747

Ion Ratio Lower Upper

77 100

97 23.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.216 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 5451

Ion Ratio Lower Upper

96 100

61 148.6 0.0 312.2

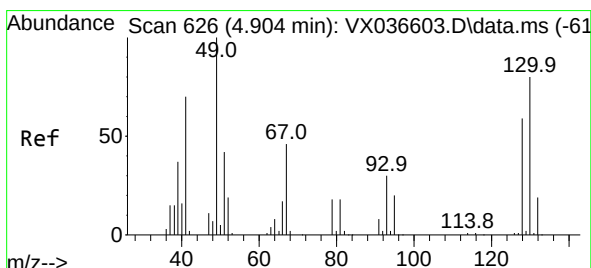
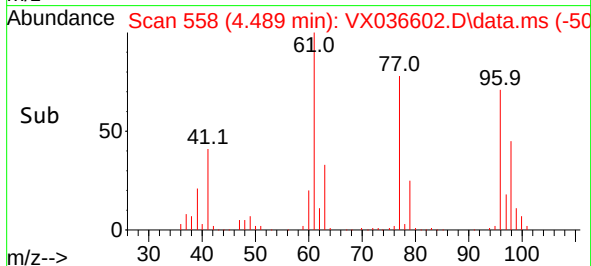
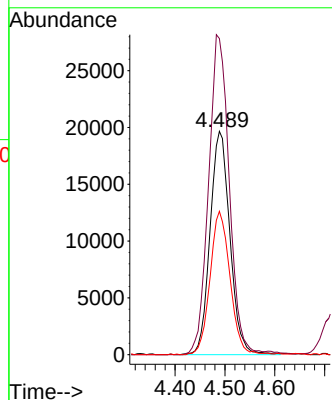
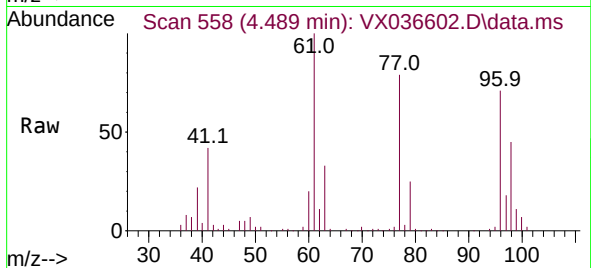
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 19.877 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

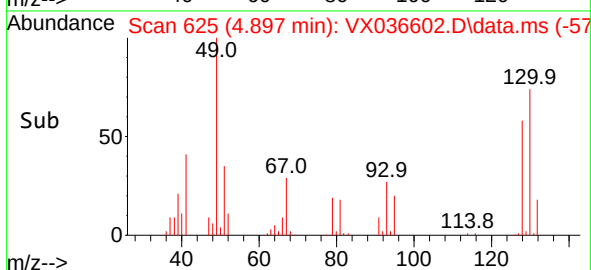
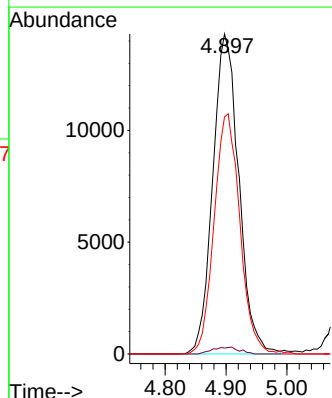
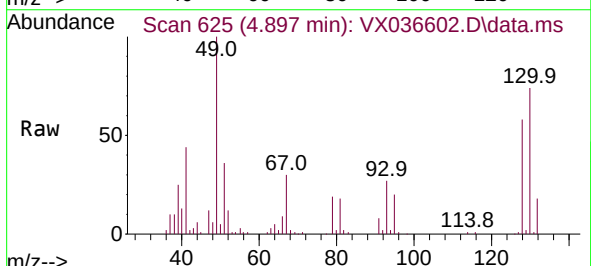
Tgt Ion: 49 Resp: 42470

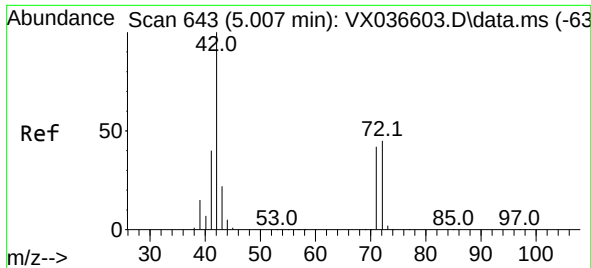
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

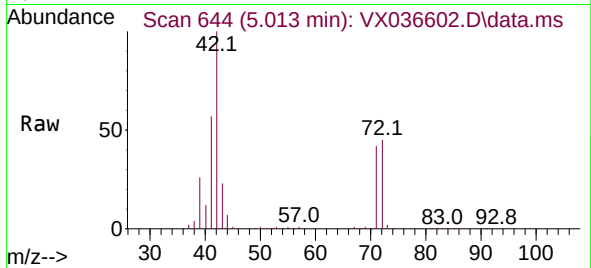
130 74.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 122.551 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

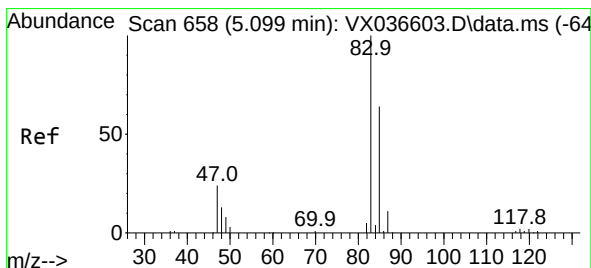
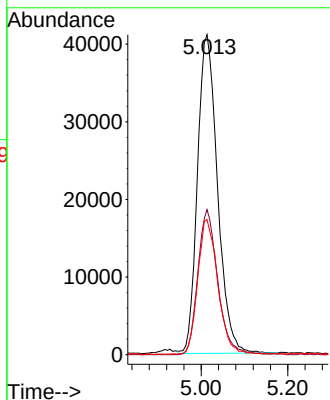
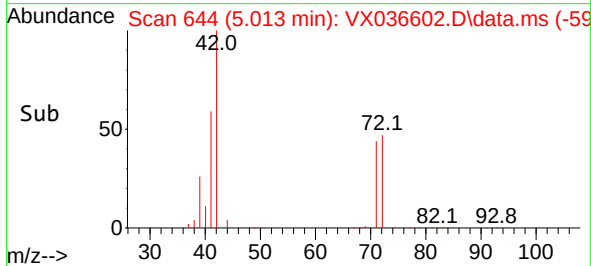
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 42 Resp: 13190
Ion Ratio Lower Upper
42 100
72 45.2 34.2 51.4
71 42.1 32.2 48.2

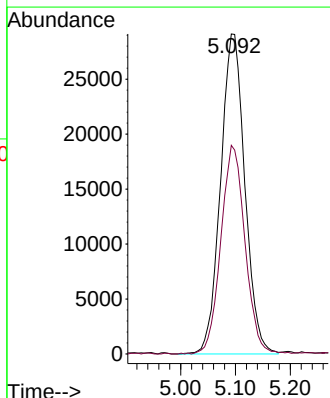
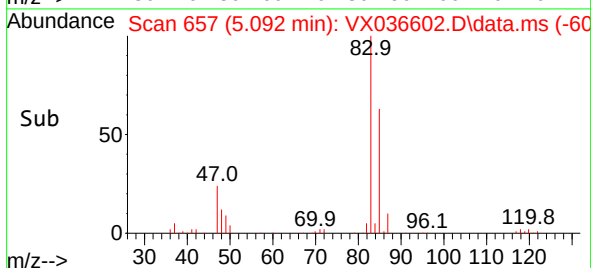
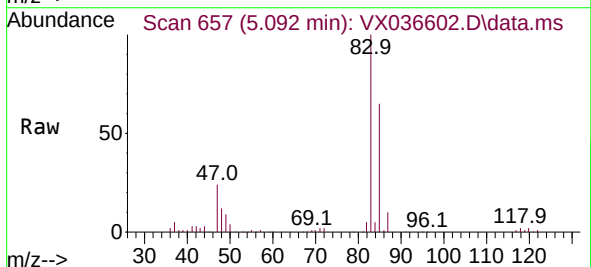
Manual Integrations
APPROVED

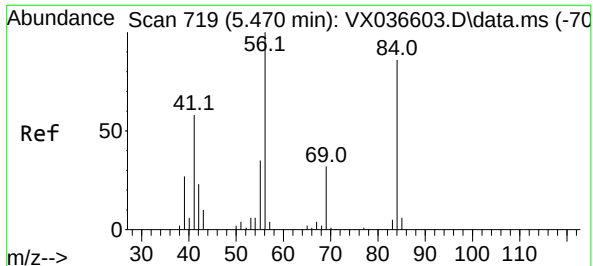
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#30
Chloroform
Concen: 21.554 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

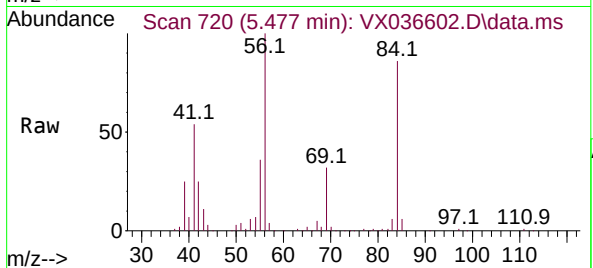
Tgt Ion: 83 Resp: 89579
Ion Ratio Lower Upper
83 100
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 22.319 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

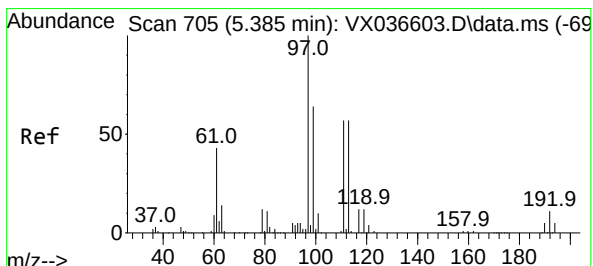
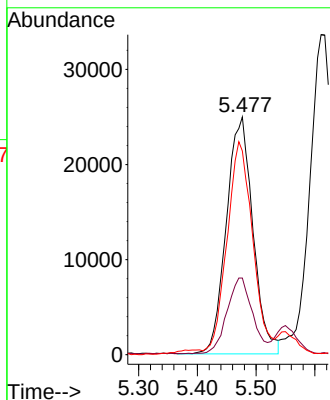
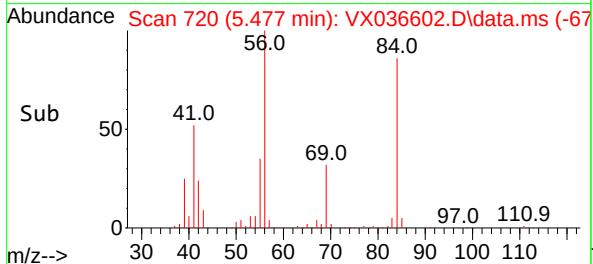
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 7824
Ion Ratio Lower Upper
56 100
69 31.8 23.4 35.2
84 84.6 65.9 98.9

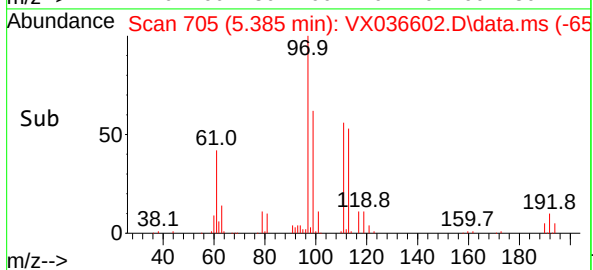
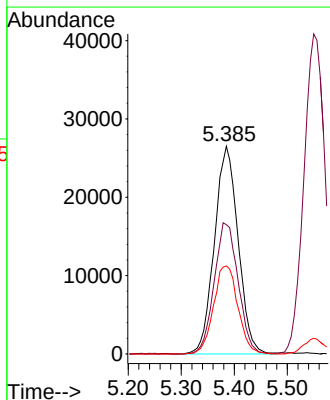
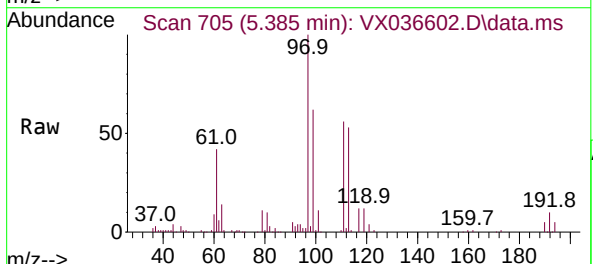
Manual Integrations
APPROVED

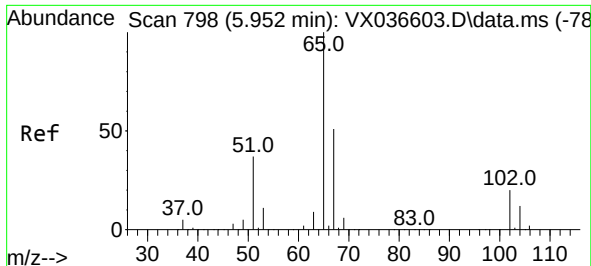
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 23.360 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion: 97 Resp: 82307
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 18.680 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 50230

Ion Ratio Lower Upper

65 100

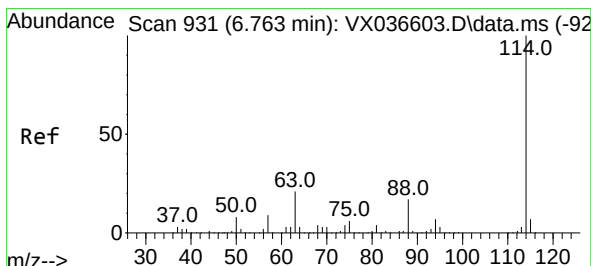
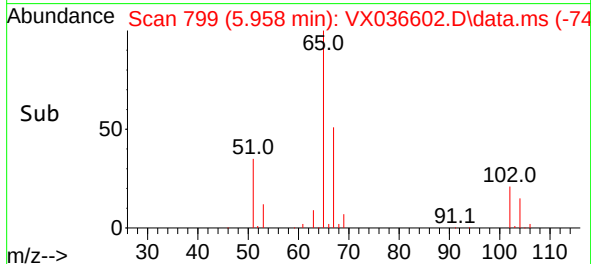
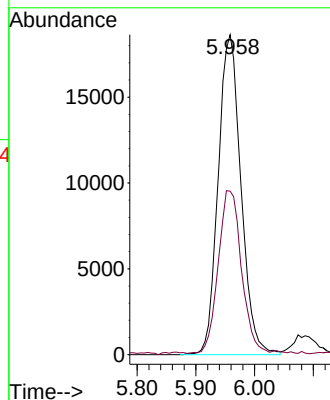
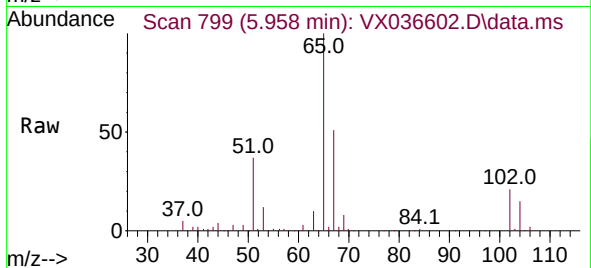
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

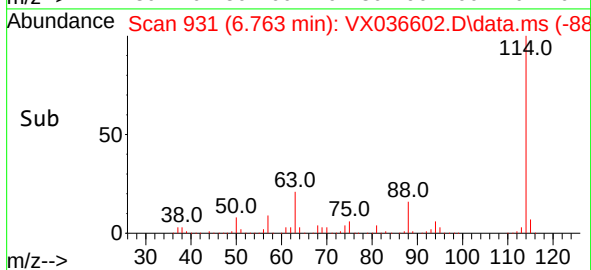
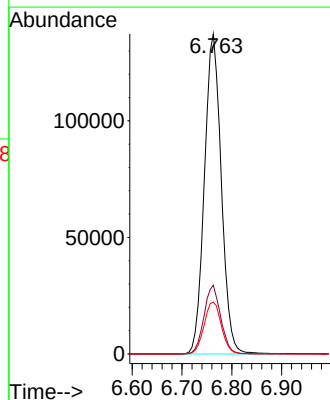
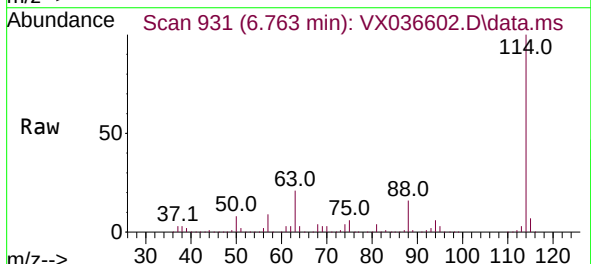
Tgt Ion:114 Resp: 322720

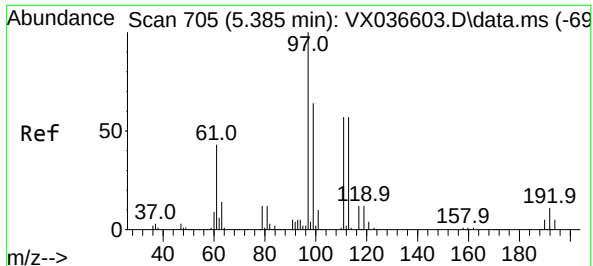
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 19.206 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 41129

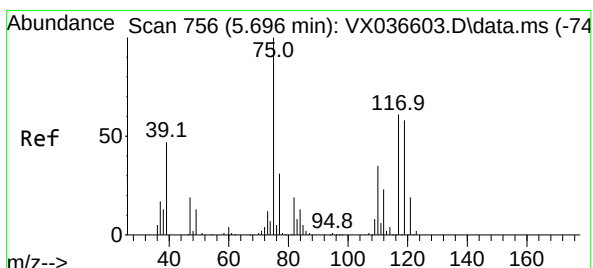
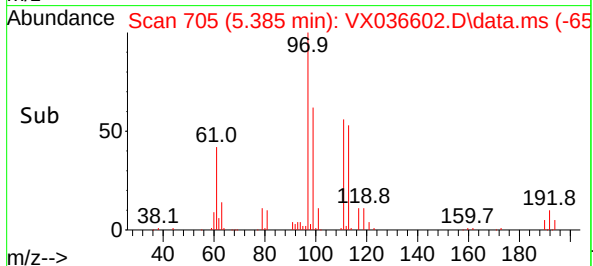
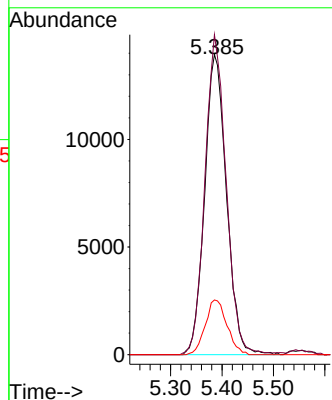
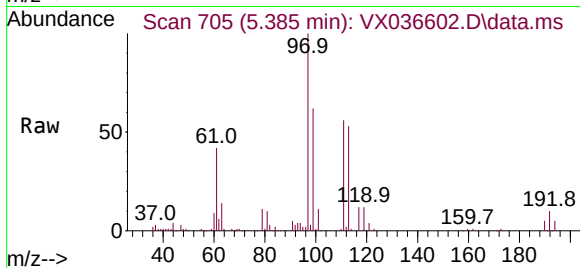
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	18.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#36

1,1-Dichloropropene

Concen: 20.864 ug/l

RT: 5.696 min Scan# 756

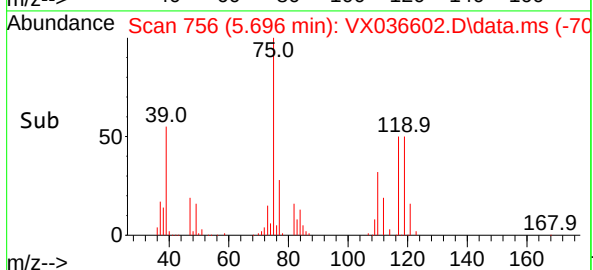
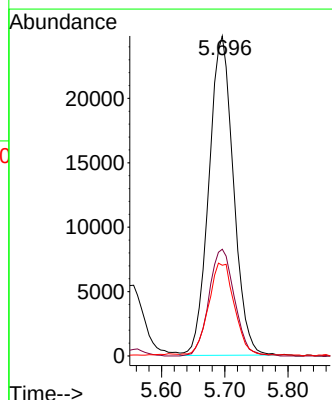
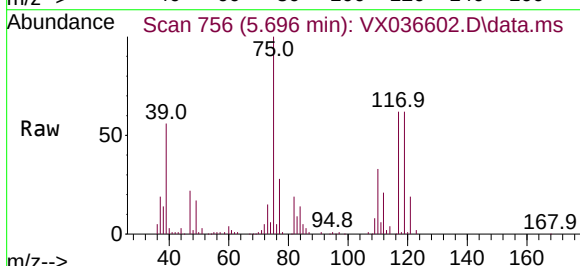
Delta R.T. -0.000 min

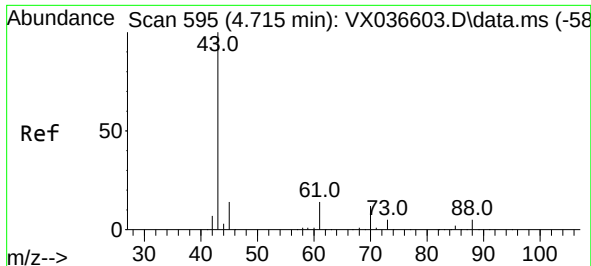
Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion: 75 Resp: 66781

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.0	50.9
77	30.3	24.7	37.1





#37

Ethyl Acetate

Concen: 23.773 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 79170

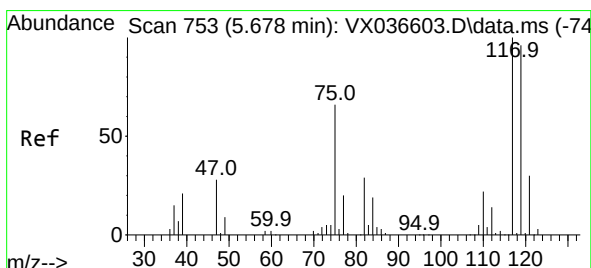
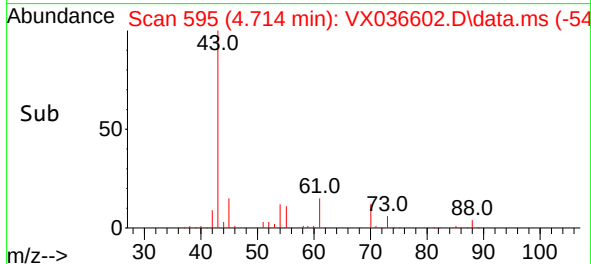
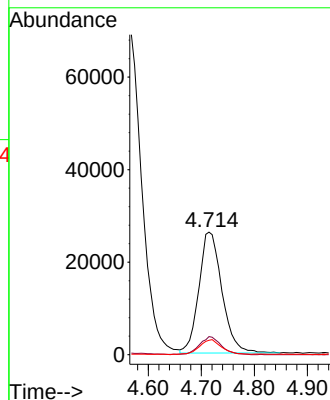
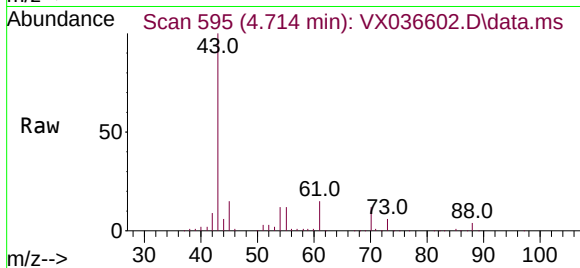
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	12.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#38

Carbon Tetrachloride

Concen: 23.346 ug/l

RT: 5.678 min Scan# 753

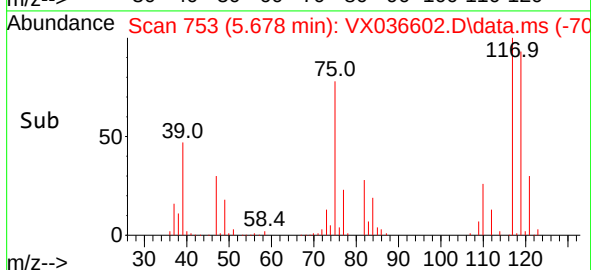
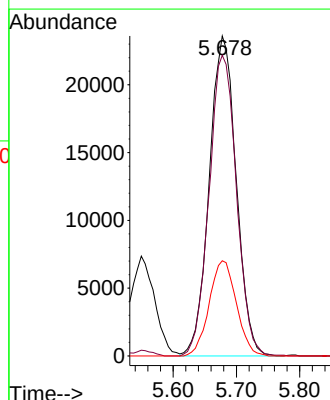
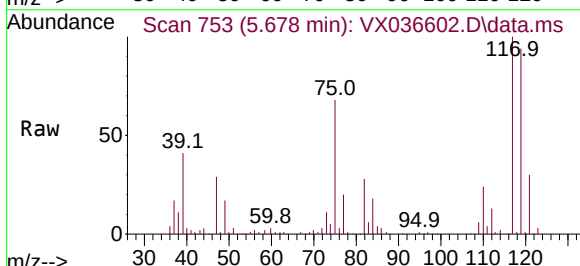
Delta R.T. -0.000 min

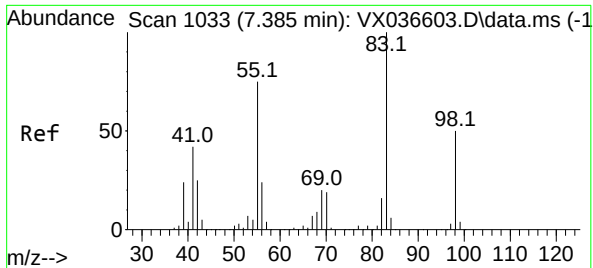
Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion: 117 Resp: 69829

Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.2	117.2
121	29.7	24.4	36.6





#39

Methylcyclohexane

Concen: 21.686 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 8329

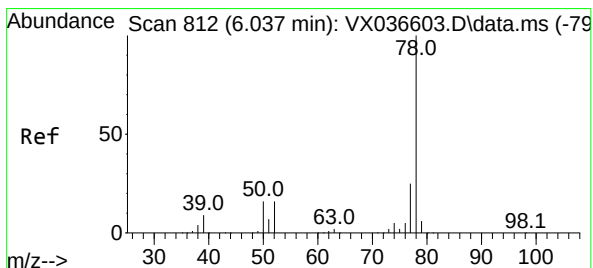
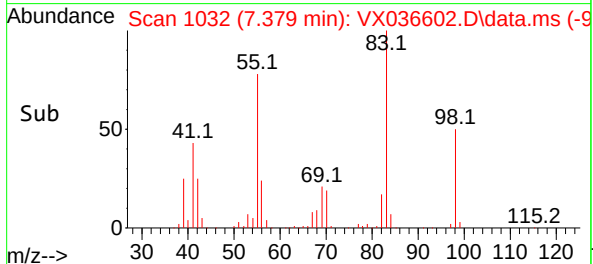
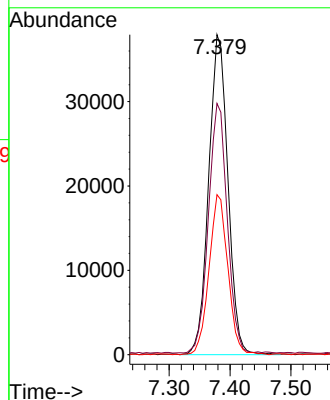
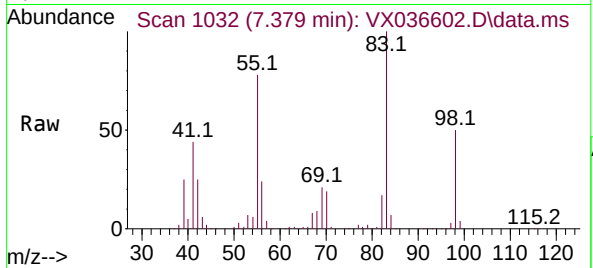
Ion	Ratio	Lower	Upper
83	100		
55	77.9	64.6	97.0
98	50.0	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 21.485 ug/l

RT: 6.037 min Scan# 812

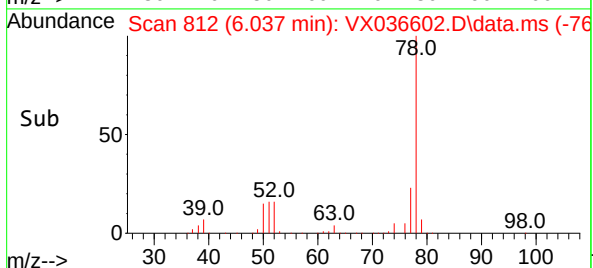
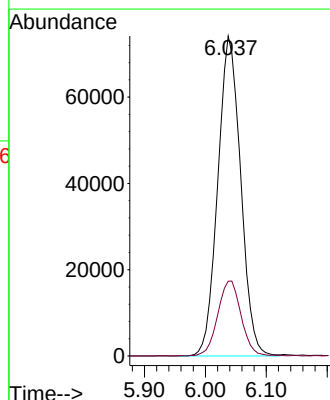
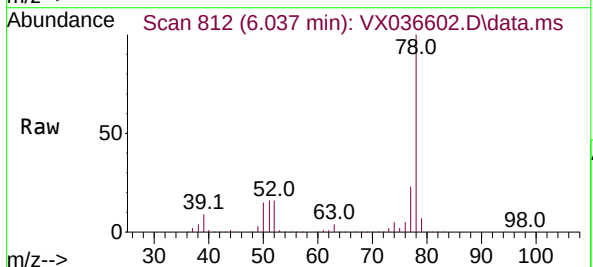
Delta R.T. -0.000 min

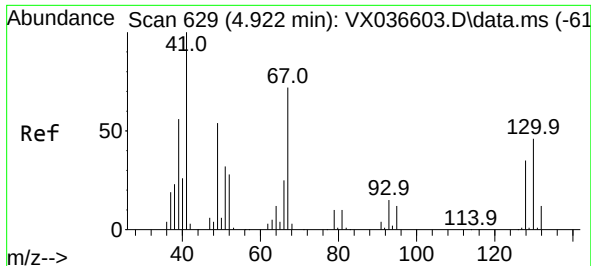
Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion: 78 Resp: 193325

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9





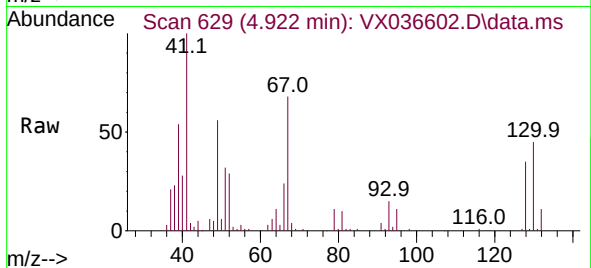
#41
Methacrylonitrile
Concen: 23.309 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



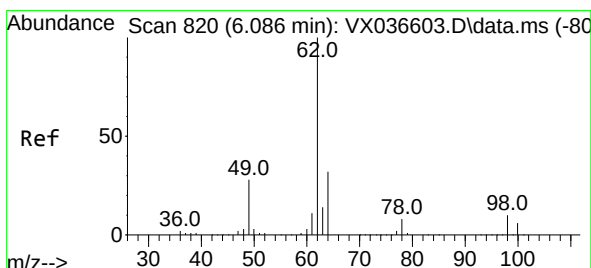
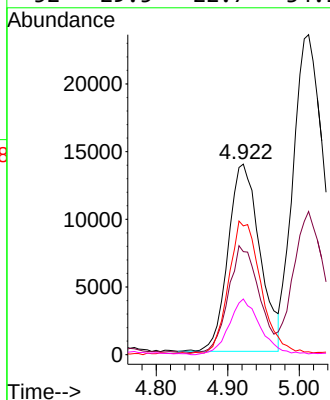
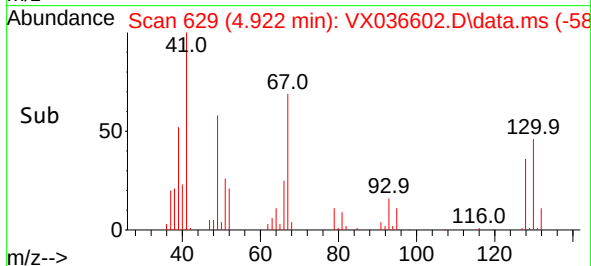
Tgt Ion: 41 Resp: 42772
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 71.4 52.6 78.8
52 29.5 22.7 34.1

Manual Integrations

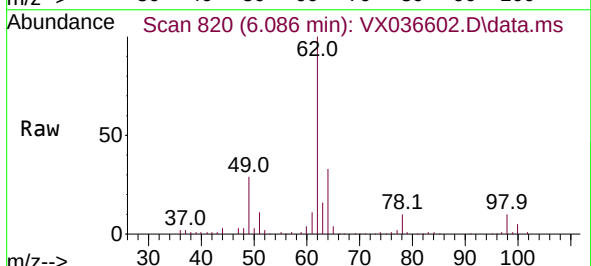
APPROVED

Reviewed By :John Carlone 07/24/2023

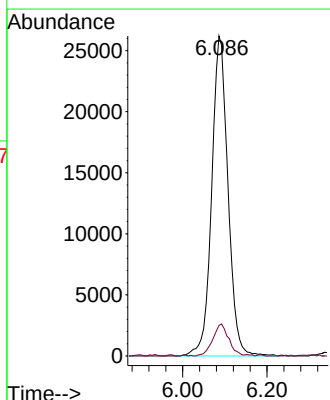
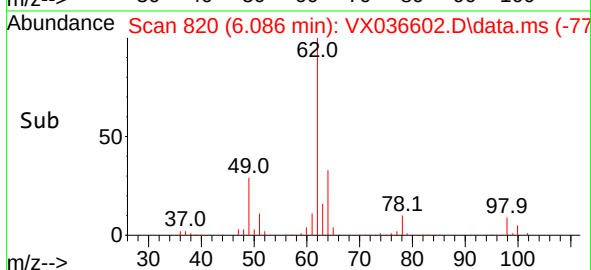
Supervised By :Mahesh Dadoda 07/24/2023

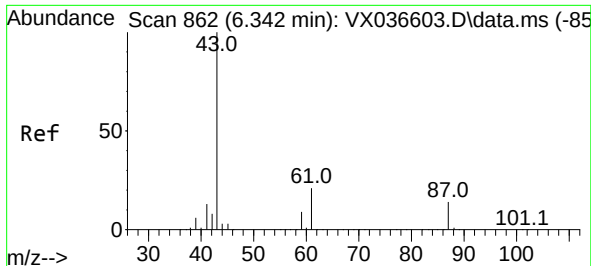


#42
1,2-Dichloroethane
Concen: 20.631 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion: 62 Resp: 70149
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 24.098 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX036602.D

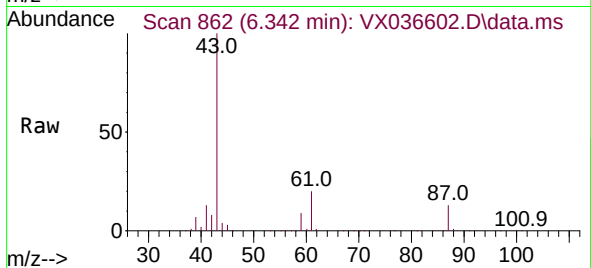
Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



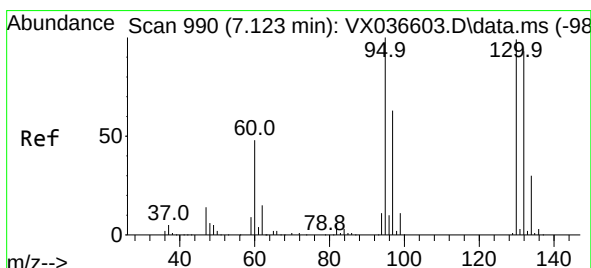
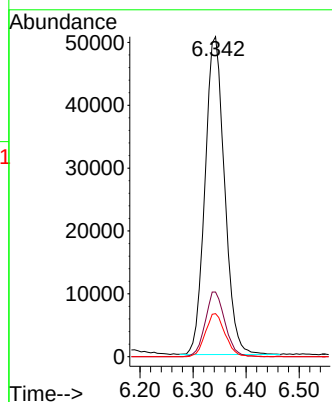
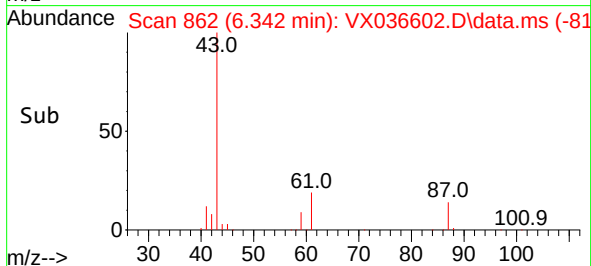
Tgt Ion: 43	Resp: 129260
Ion Ratio	Lower Upper
43	100
61	20.6 15.2 22.8
87	13.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#44

Trichloroethene

Concen: 20.118 ug/l

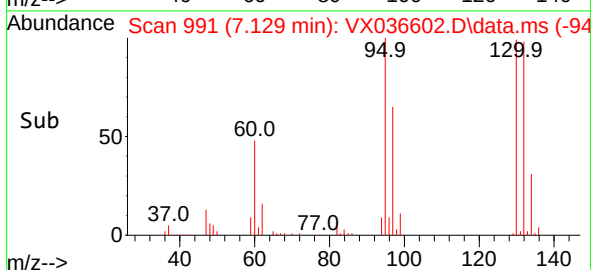
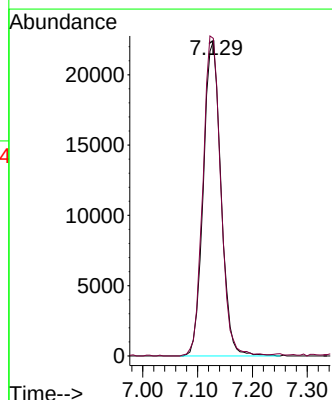
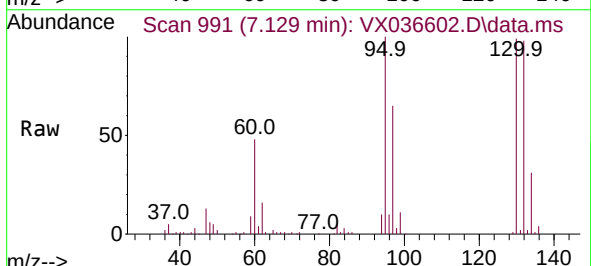
RT: 7.129 min Scan# 991

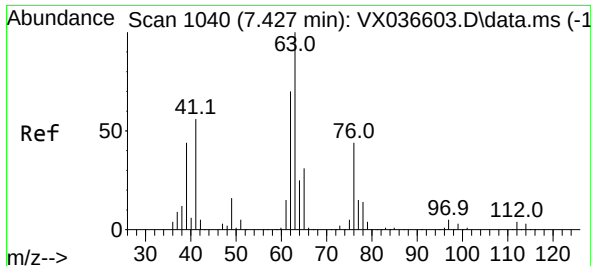
Delta R.T. 0.006 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion:130	Resp: 49912
Ion Ratio	Lower Upper
130	100
95	101.0 0.0 204.4





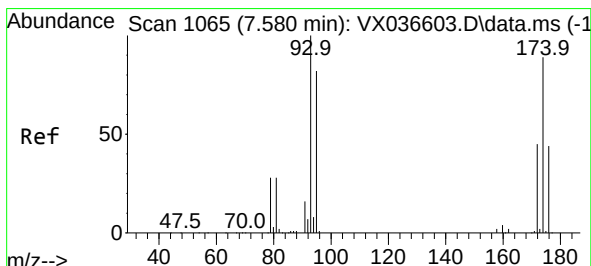
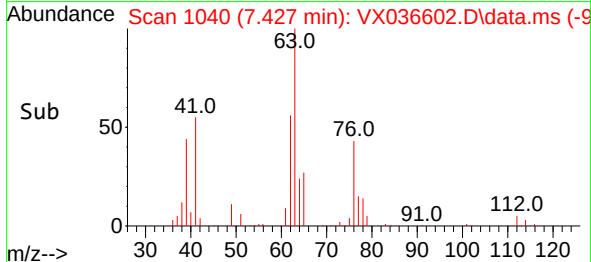
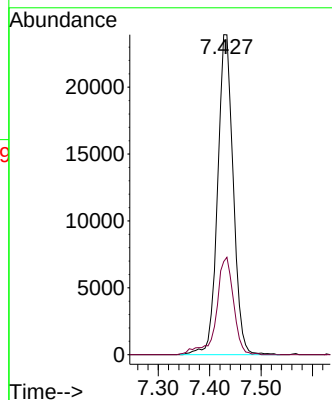
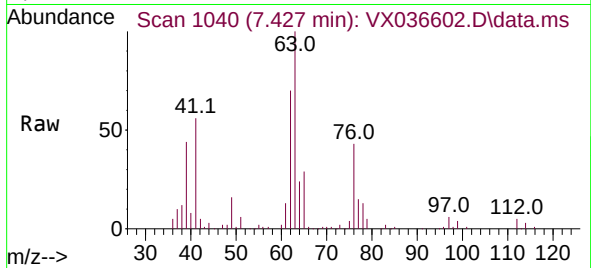
#45
1,2-Dichloropropane
Concen: 20.733 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 5054
Ion Ratio Lower Upper
63 100
65 29.1 24.3 36.5

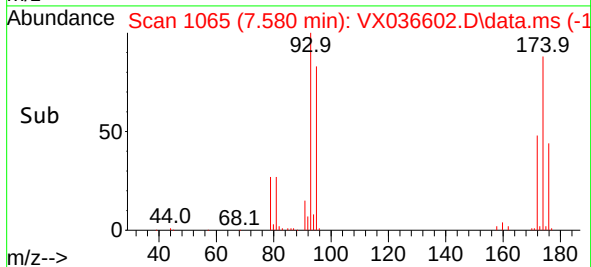
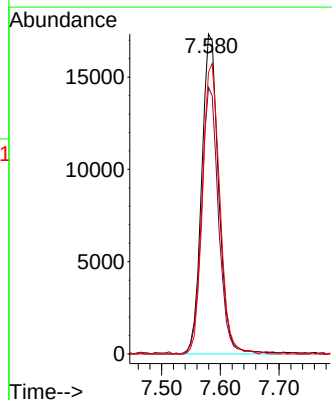
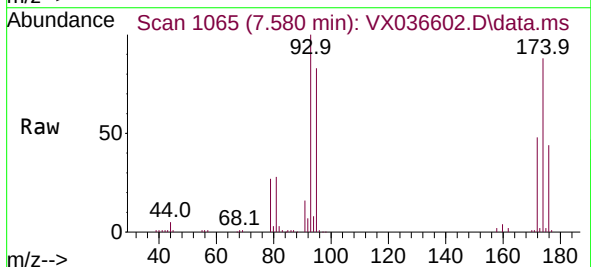
Manual Integrations
APPROVED

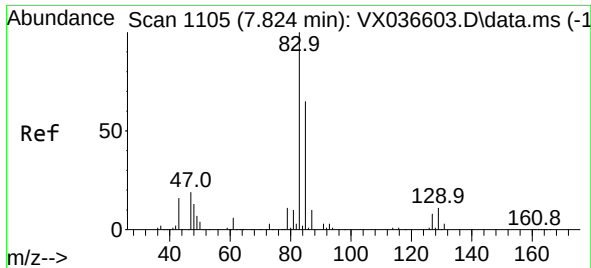
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#46
Dibromomethane
Concen: 20.357 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

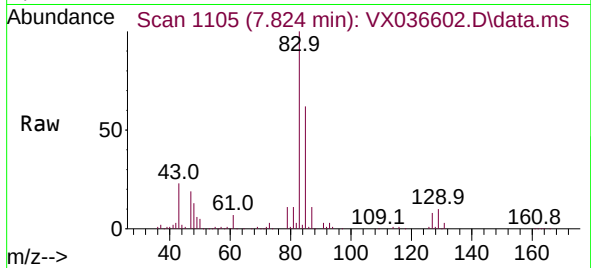
Tgt Ion: 93 Resp: 34993
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 91.5 69.4 104.0





#47
Bromodichloromethane
Concen: 23.059 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

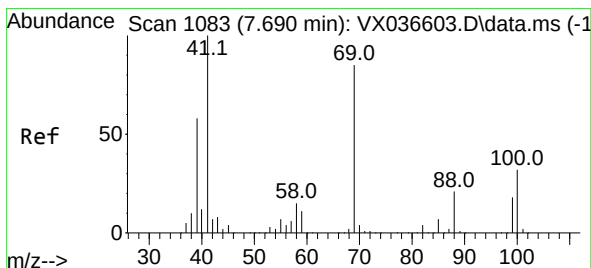
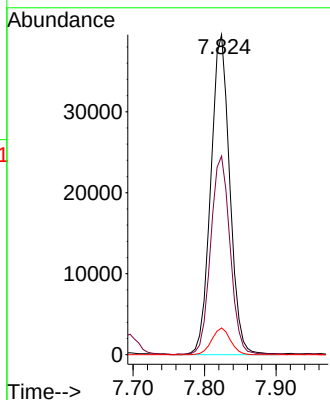
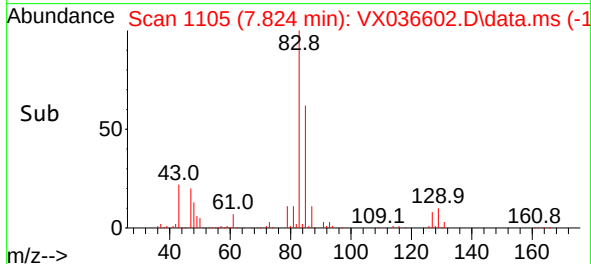
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



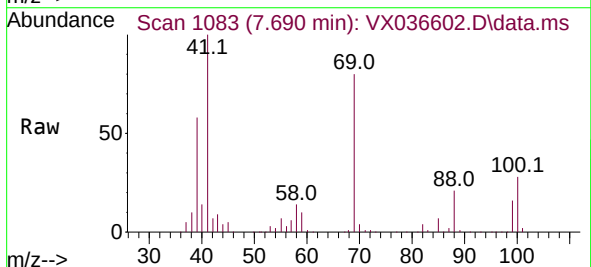
Tgt Ion: 83 Resp: 7286
Ion Ratio Lower Upper
83 100
85 61.8 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

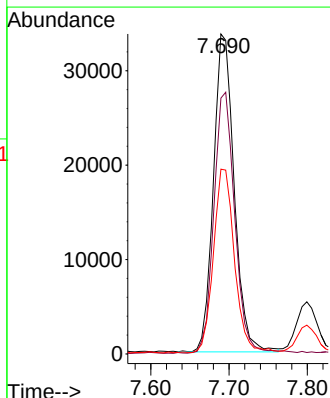
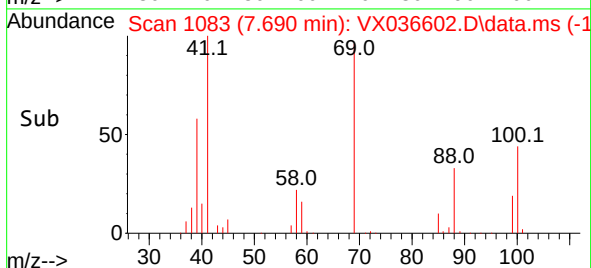
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

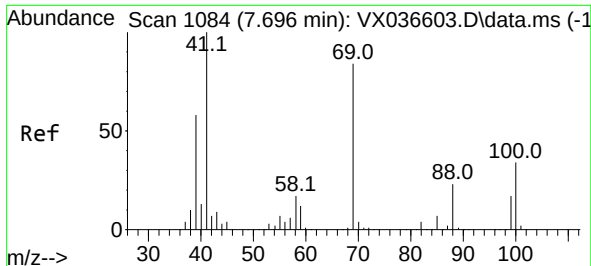


#48
Methyl methacrylate
Concen: 23.393 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion: 41 Resp: 61961
Ion Ratio Lower Upper
41 100
69 82.7 59.2 88.8
39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 494.633 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

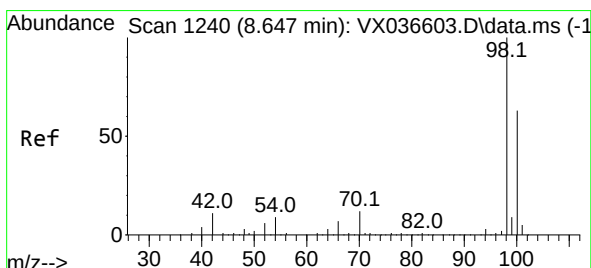
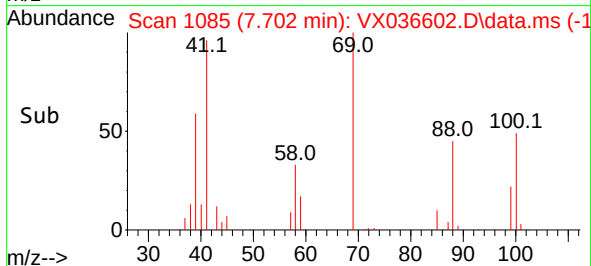
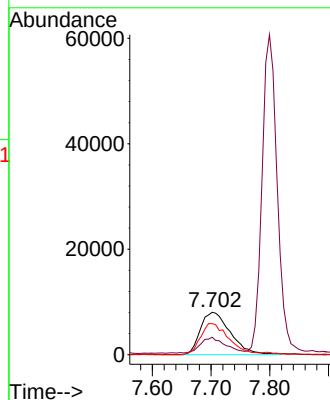
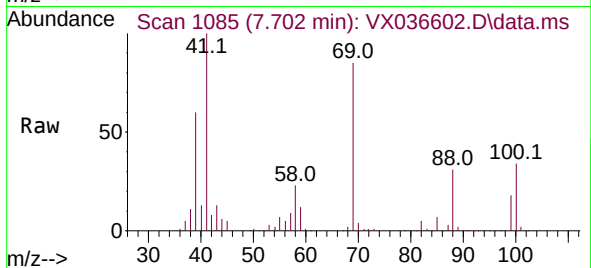
Tgt Ion: 88 Resp: 28525
 Ion Ratio Lower Upper
 88 100
 43 30.7 0.0 0.0
 58 69.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 18.833 ug/l

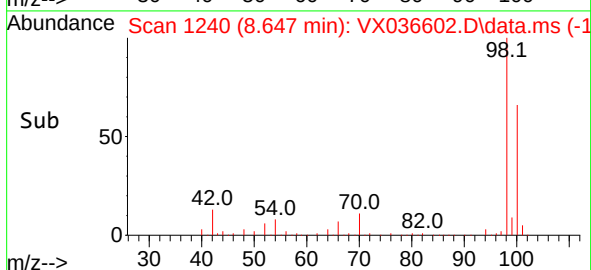
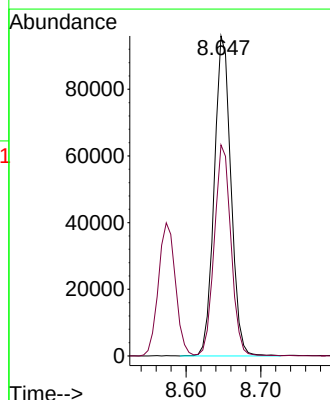
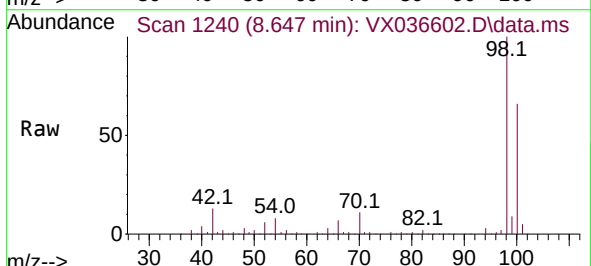
RT: 8.647 min Scan# 1240

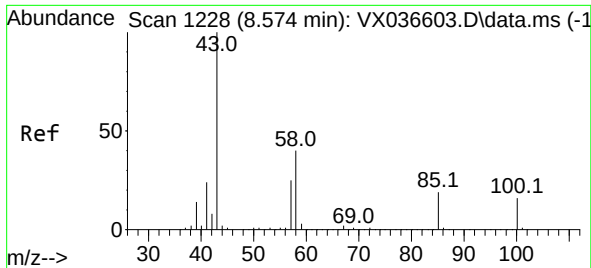
Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion: 98 Resp: 149216
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.1 79.7





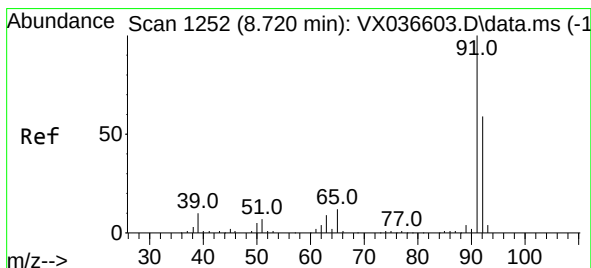
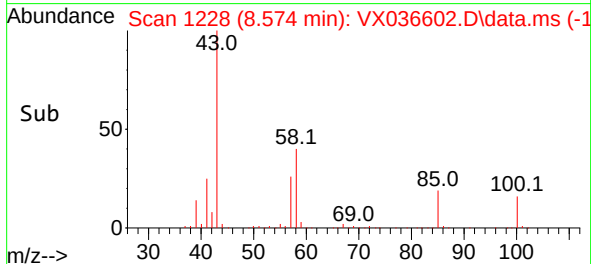
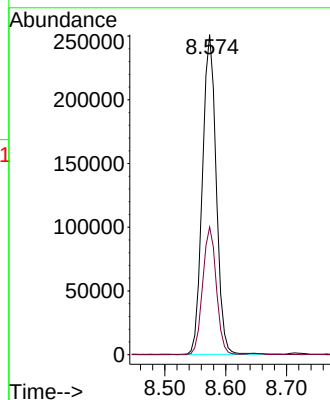
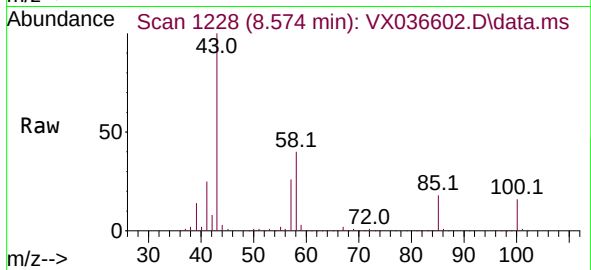
#51
4-Methyl-2-Pentanone
Concen: 116.889 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 394672
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

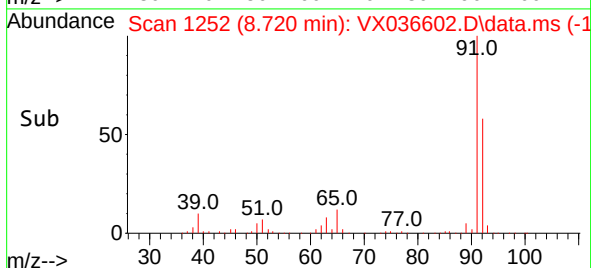
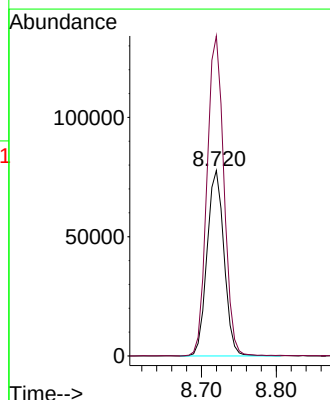
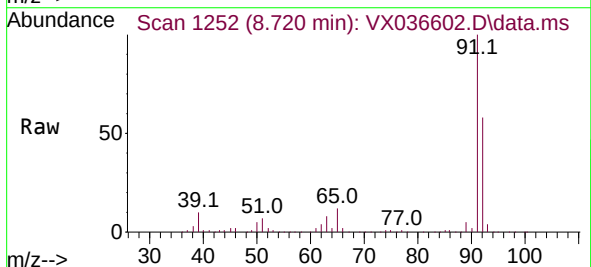
Manual Integrations
APPROVED

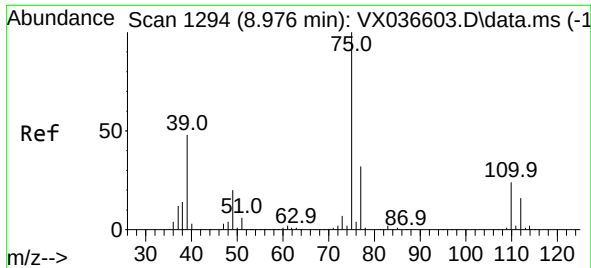
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 21.534 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion: 92 Resp: 122698
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 25.461 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 8323

Ion Ratio Lower Upper

75 100

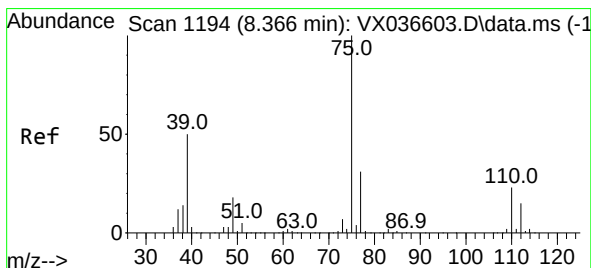
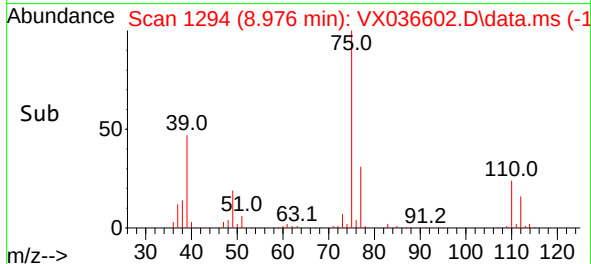
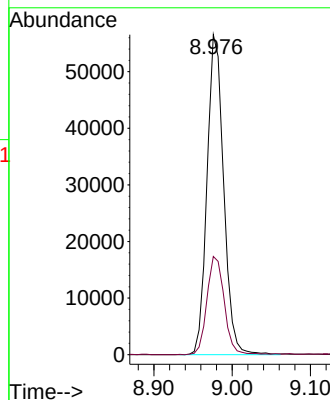
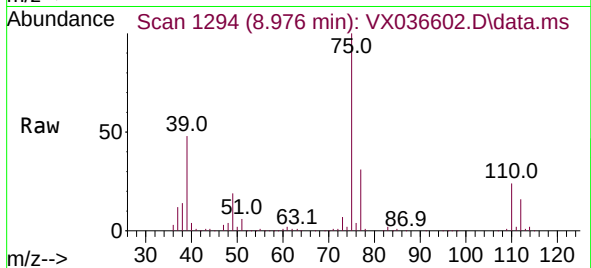
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#54

cis-1,3-Dichloropropene

Concen: 24.194 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

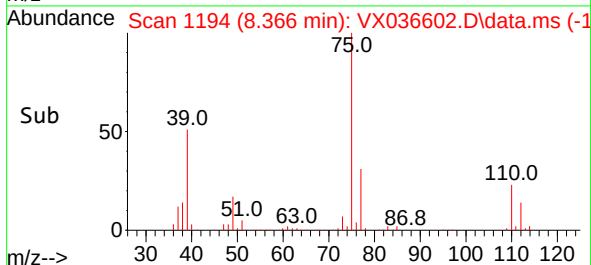
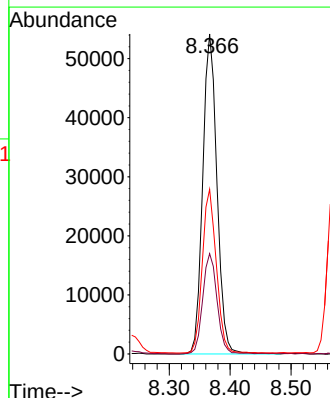
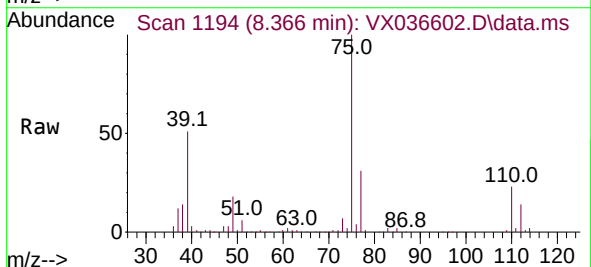
Tgt Ion: 75 Resp: 87906

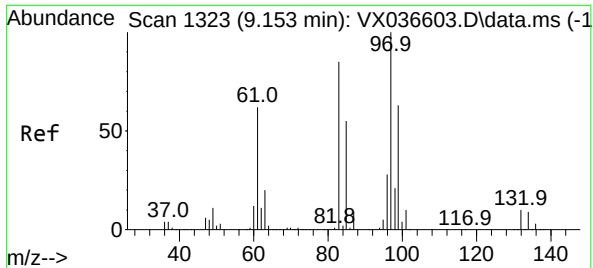
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

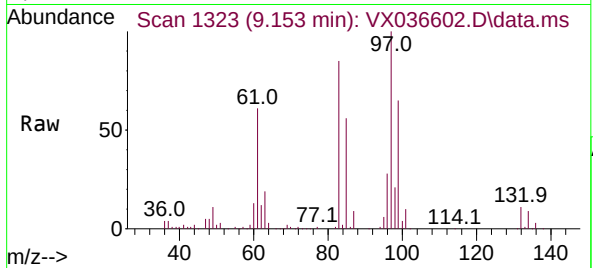
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.746 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

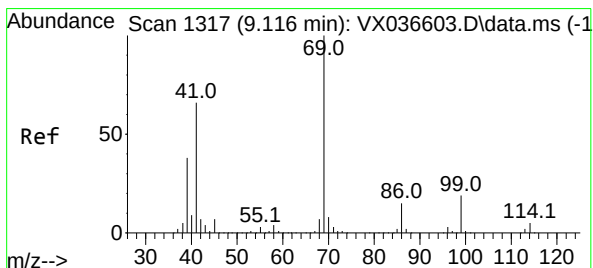
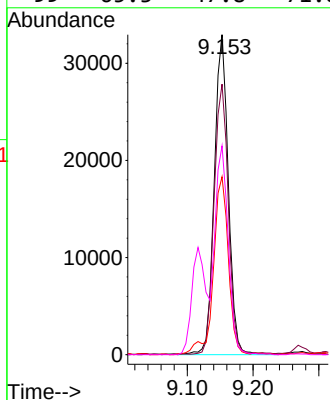
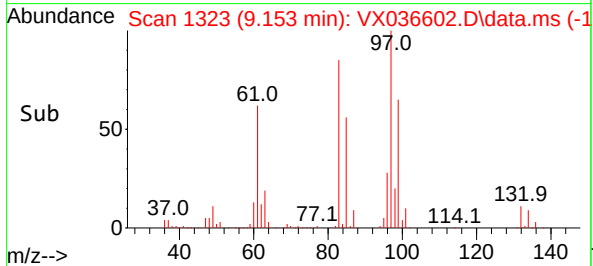
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



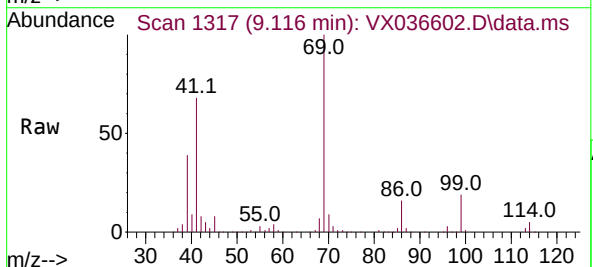
Tgt Ion: 97 Resp: 49039
Ion Ratio Lower Upper
97 100
83 84.3 65.8 98.8
85 55.6 41.6 62.4
99 65.3 47.8 71.8

Manual Integrations
APPROVED

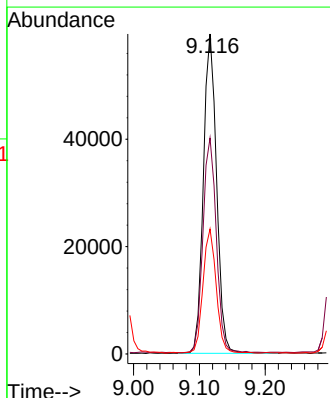
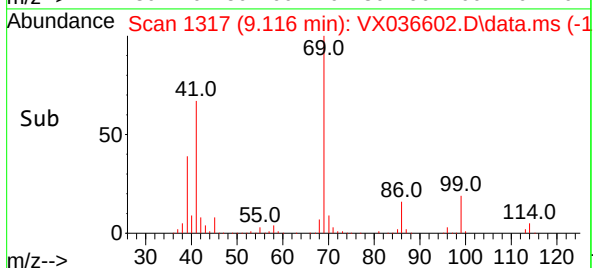
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

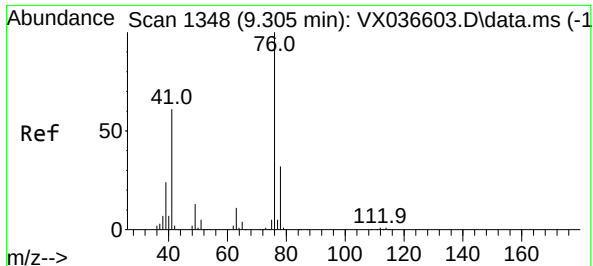


#56
Ethyl methacrylate
Concen: 23.022 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion: 69 Resp: 83085
Ion Ratio Lower Upper
69 100
41 68.2 56.8 85.2
39 39.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.823 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 84524

Ion Ratio Lower Upper

76 100

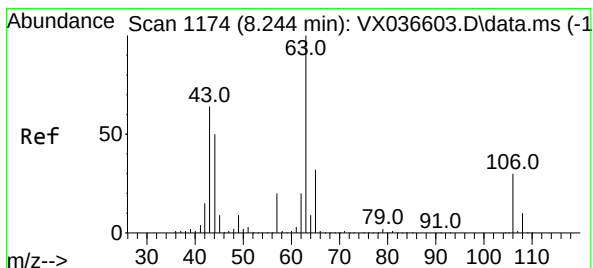
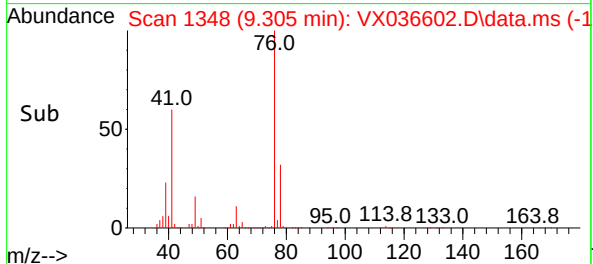
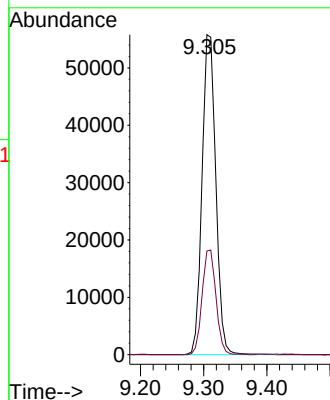
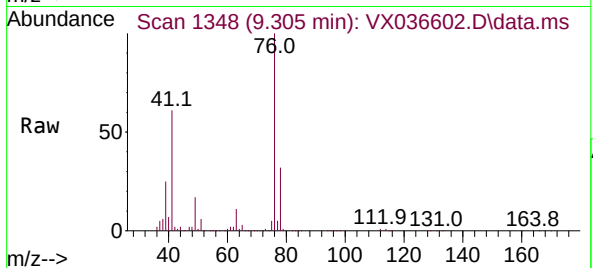
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.213 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036602.D

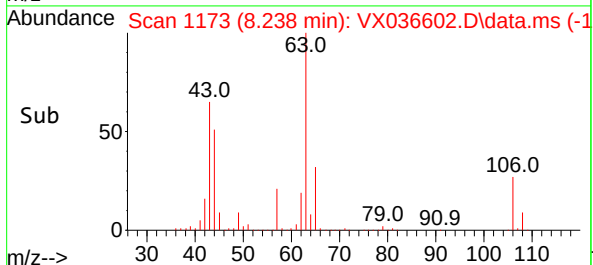
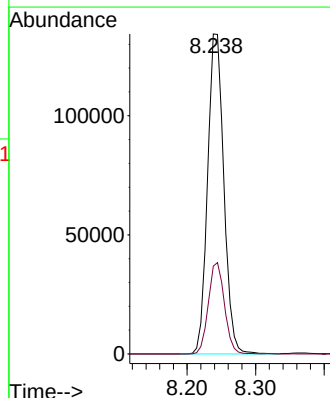
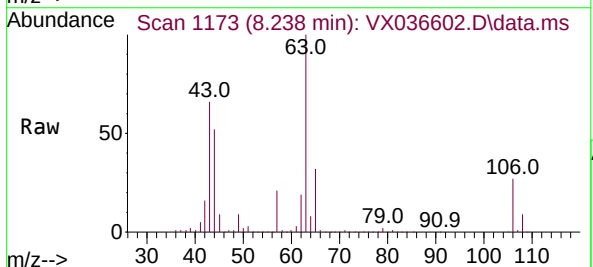
Acq: 21 Jul 2023 10:33

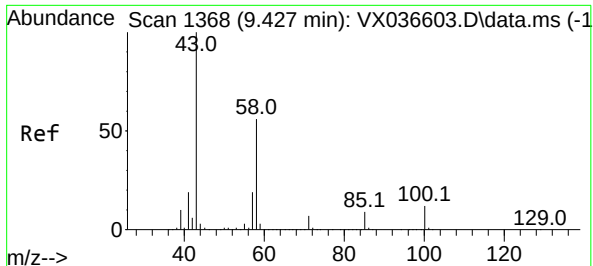
Tgt Ion: 63 Resp: 221635

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7





#59

2-Hexanone

Concen: 122.603 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 302799

Ion Ratio Lower Upper

43 100

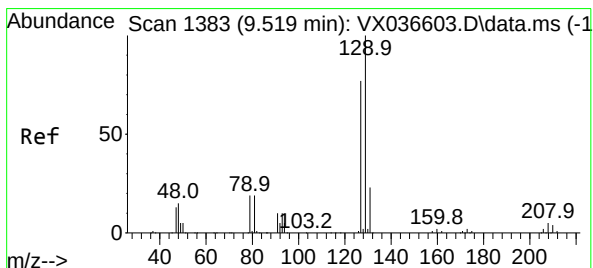
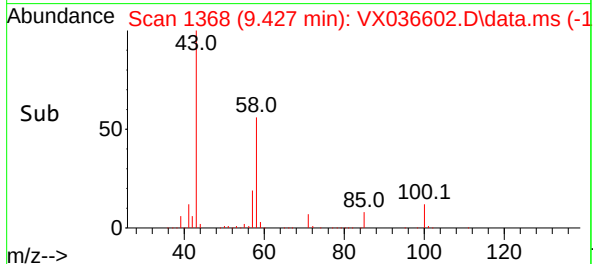
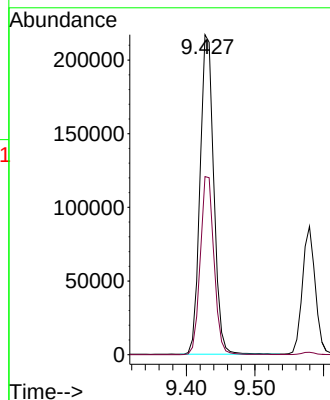
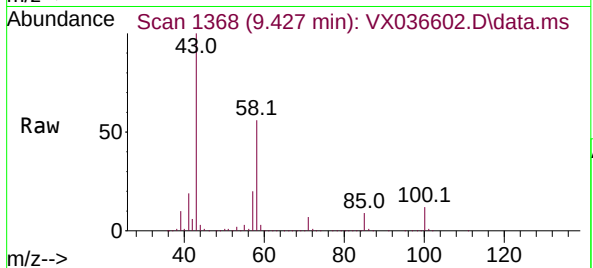
58 55.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#60

Dibromochloromethane

Concen: 23.209 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036602.D

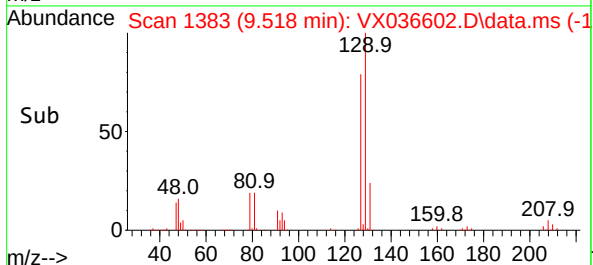
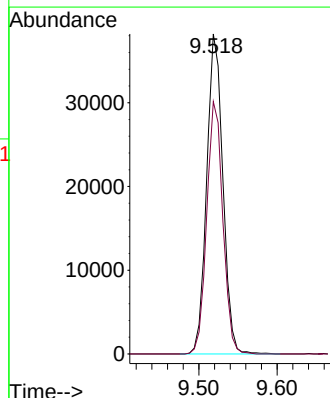
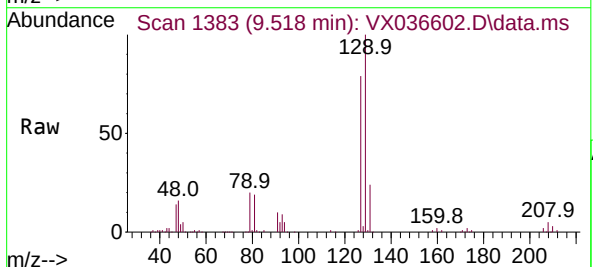
Acq: 21 Jul 2023 10:33

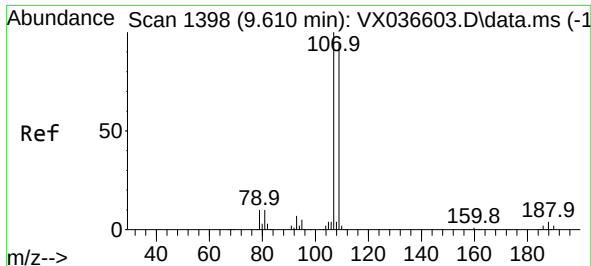
Tgt Ion:129 Resp: 54650

Ion Ratio Lower Upper

129 100

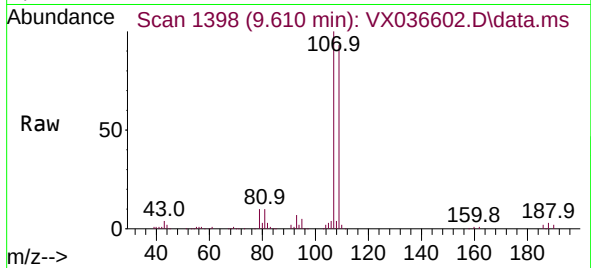
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.139 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

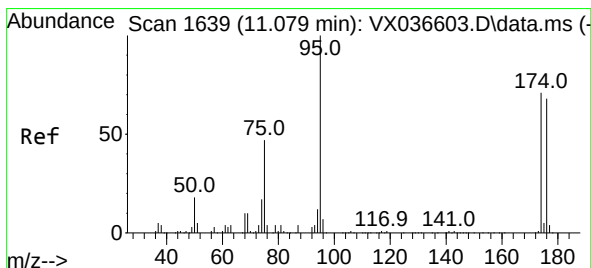
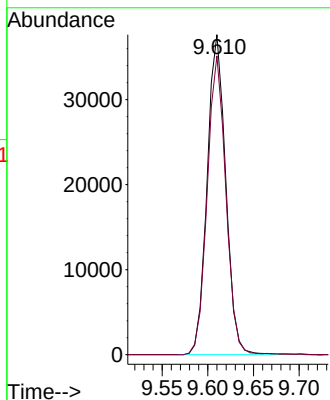
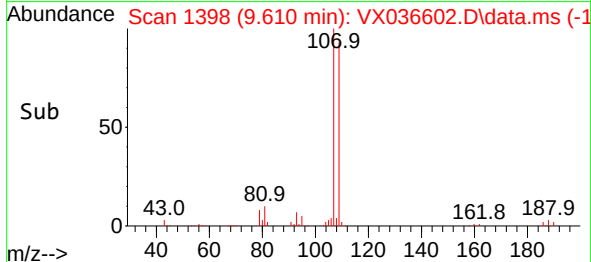
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



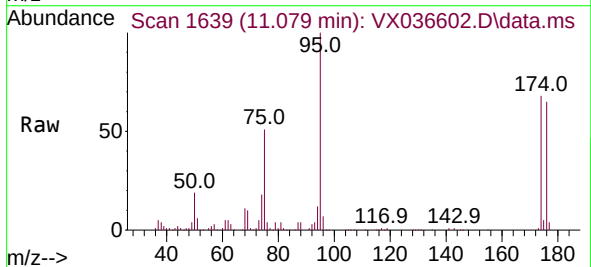
Tgt Ion:107 Resp: 52995
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

Manual Integrations
APPROVED

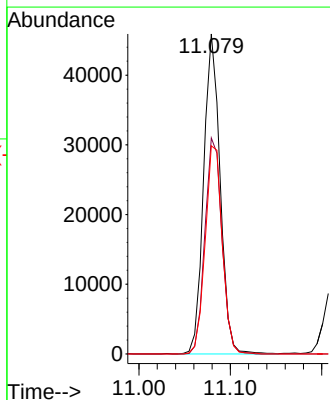
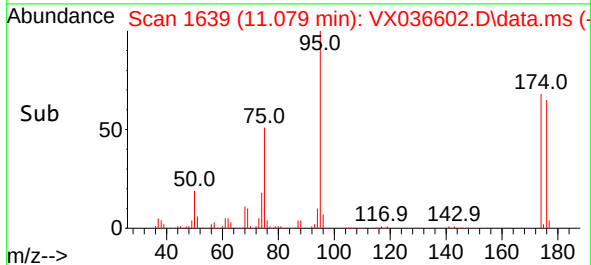
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

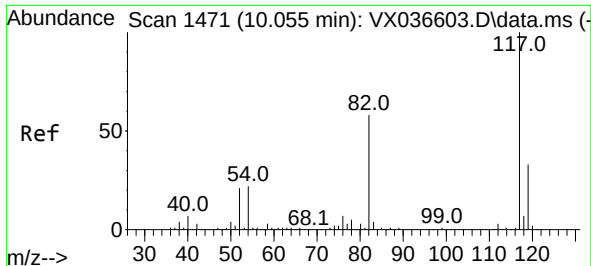


#62
4-Bromofluorobenzene
Concen: 20.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



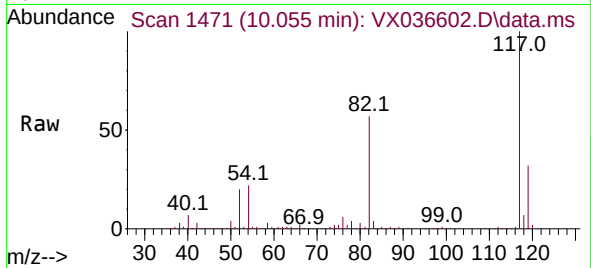
Tgt Ion: 95 Resp: 57293
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.6
176 67.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

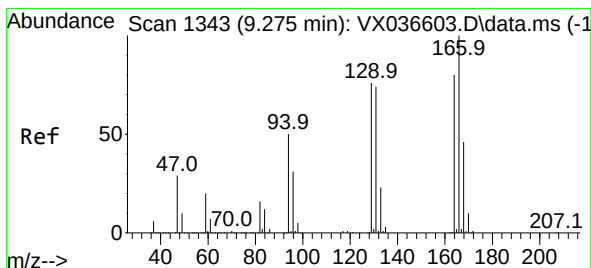
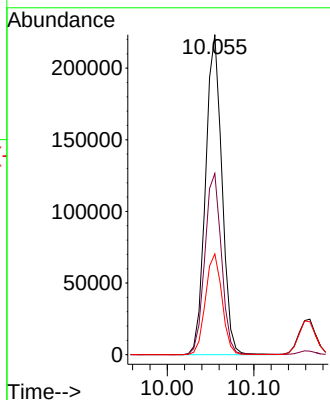
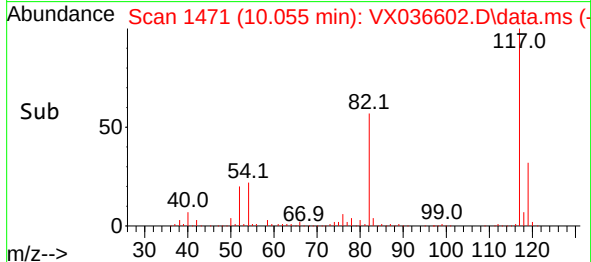
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 293000
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.5 25.5 38.3

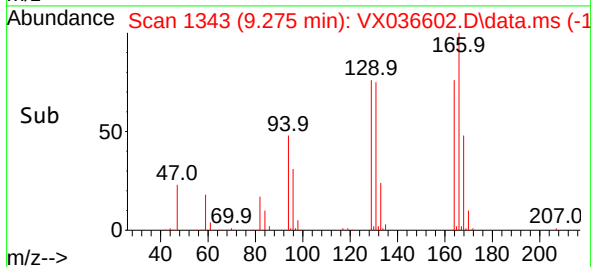
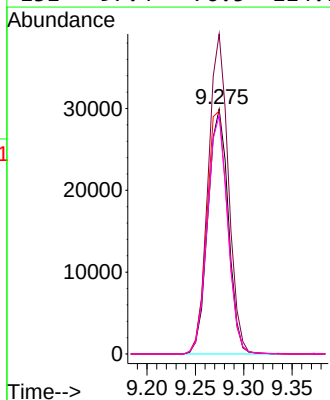
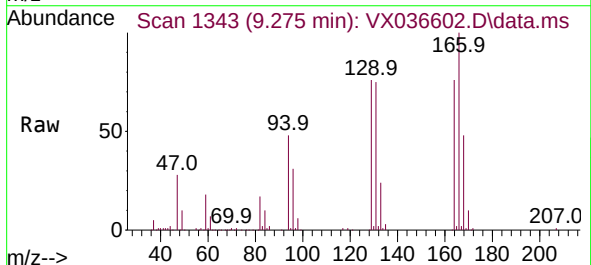
Manual Integrations
APPROVED

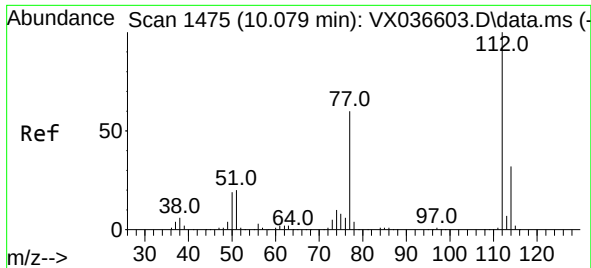
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 20.962 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion:164 Resp: 43889
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 99.3 80.4 120.6
131 97.4 76.5 114.7





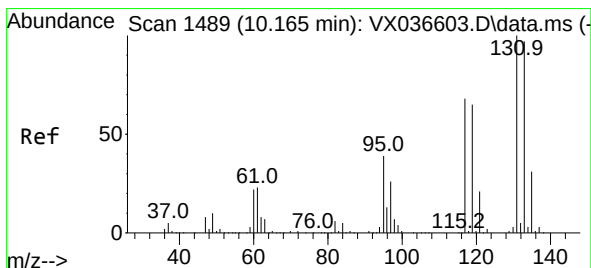
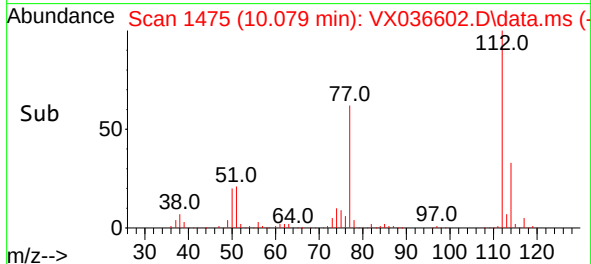
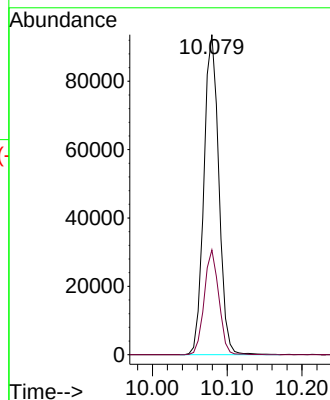
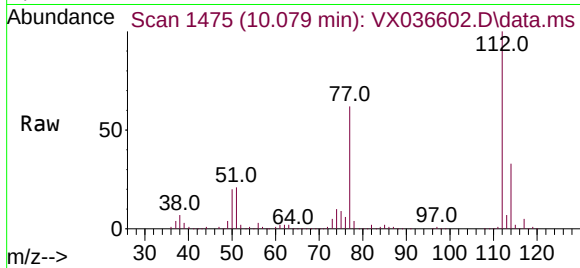
#65
Chlorobenzene
Concen: 20.855 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 129768
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

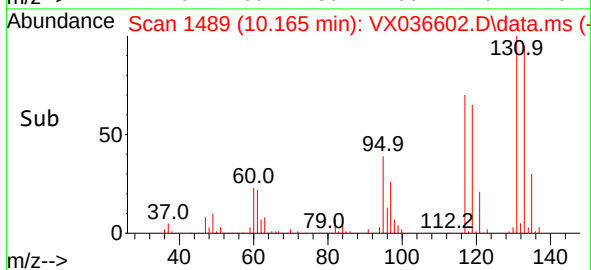
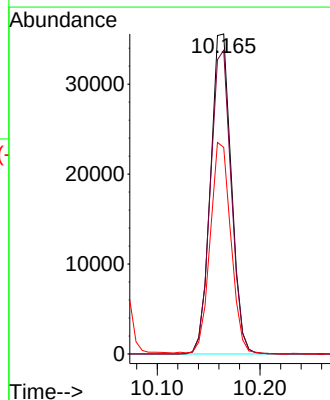
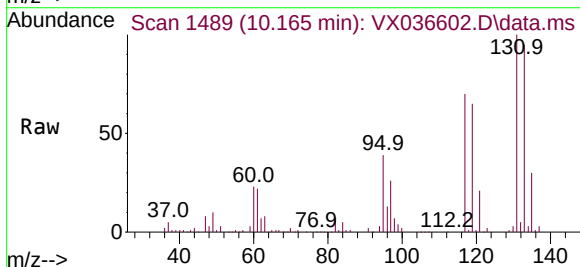
Manual Integrations
APPROVED

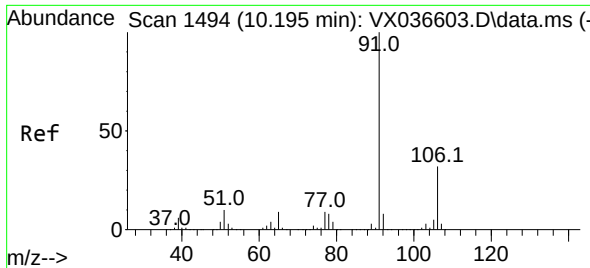
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 23.357 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion:131 Resp: 50051
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 66.1 32.2 96.6





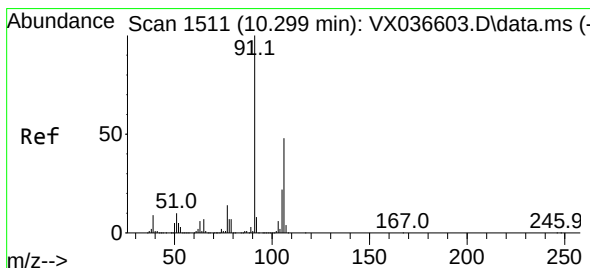
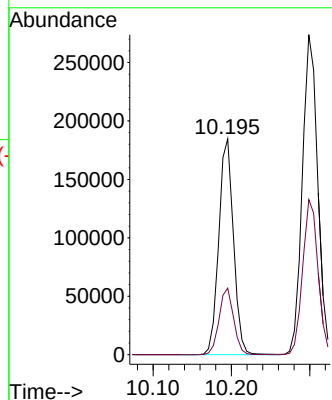
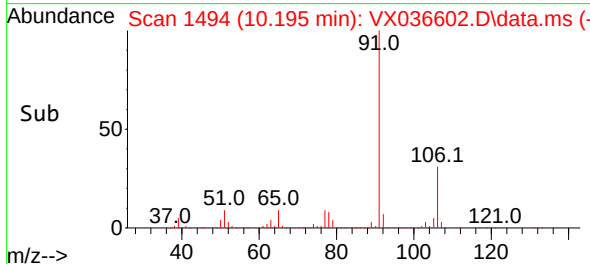
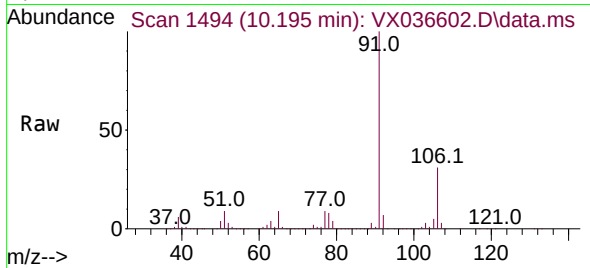
#67
Ethyl Benzene
Concen: 21.676 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 24088
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

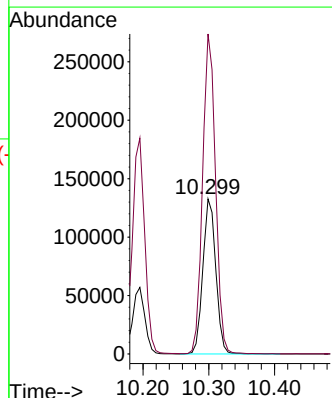
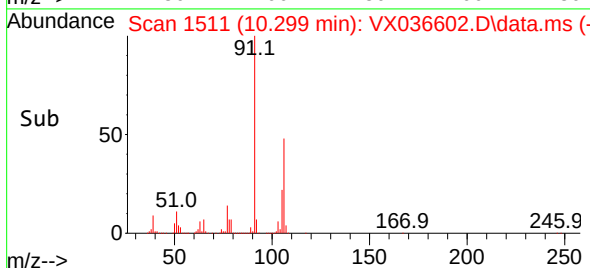
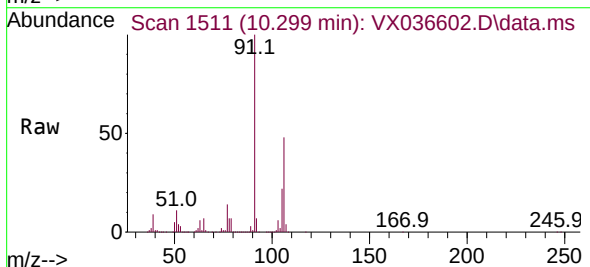
Manual Integrations
APPROVED

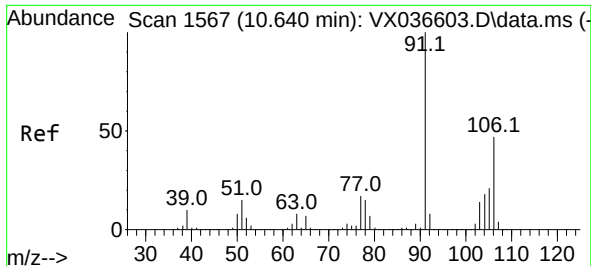
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#68
m/p-Xylenes
Concen: 42.383 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion:106 Resp: 181992
Ion Ratio Lower Upper
106 100
91 205.6 165.5 248.3





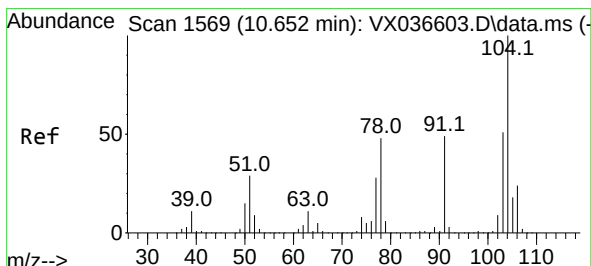
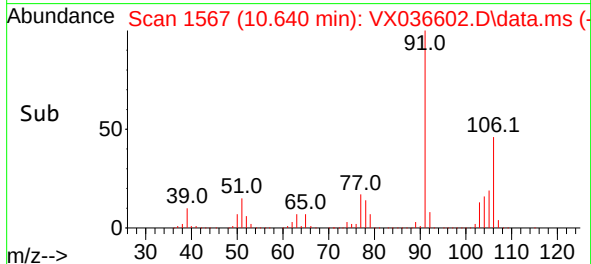
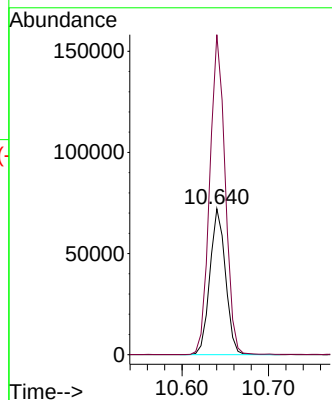
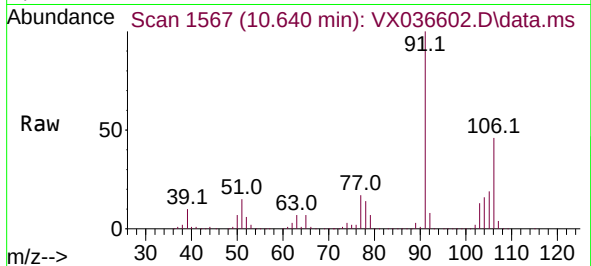
#69
o-Xylene
Concen: 21.554 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 9017
Ion Ratio Lower Upper
106 100
91 216.4 108.9 326.8

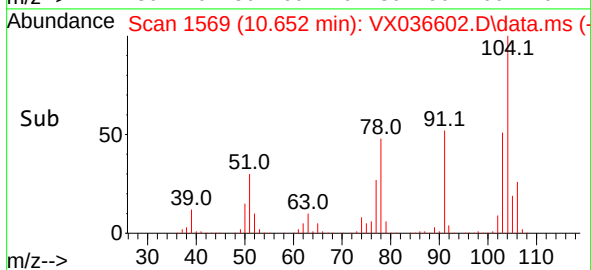
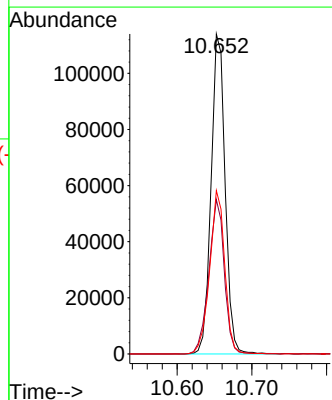
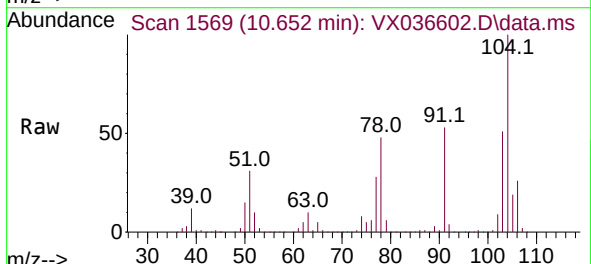
Manual Integrations
APPROVED

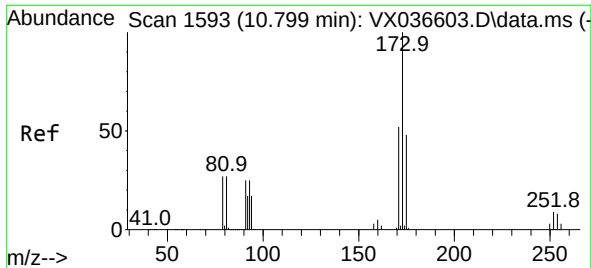
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 21.771 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

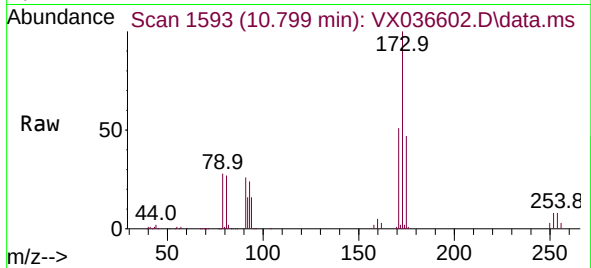
Tgt Ion:104 Resp: 149047
Ion Ratio Lower Upper
104 100
78 53.1 43.6 65.4
103 54.8 43.6 65.4





#71
Bromoform
Concen: 26.017 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

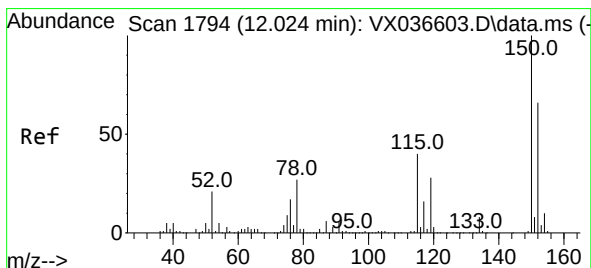
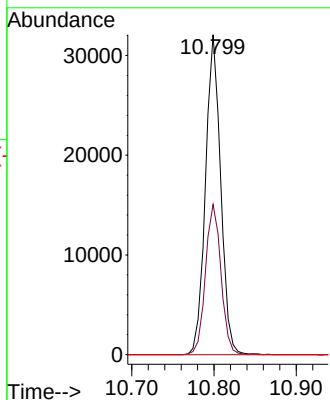
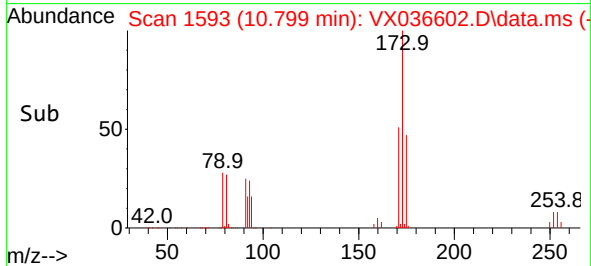
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



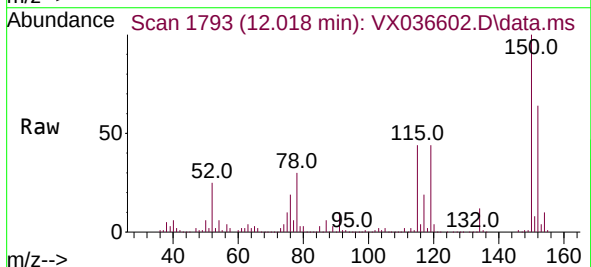
Tgt Ion:173 Resp: 4116
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

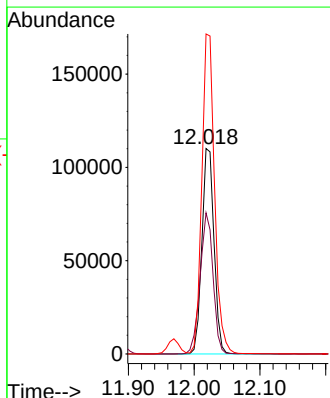
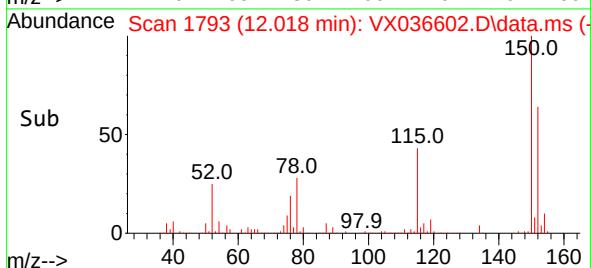
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

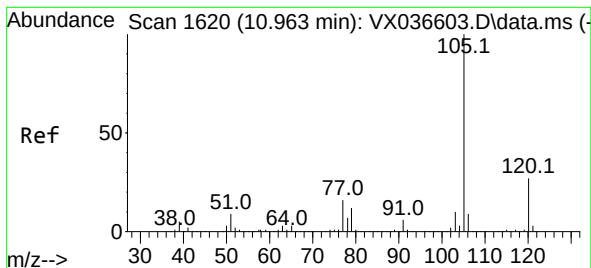


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion:152 Resp: 141354
Ion Ratio Lower Upper
152 100
115 73.4 43.3 129.9
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 21.999 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 23626

Ion Ratio Lower Upper

105 100

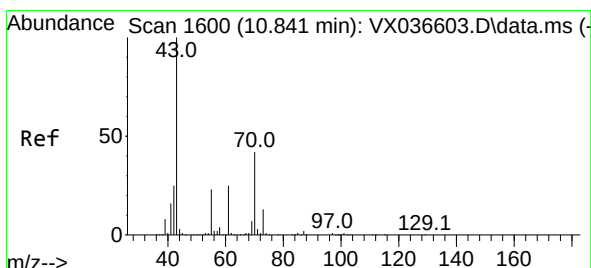
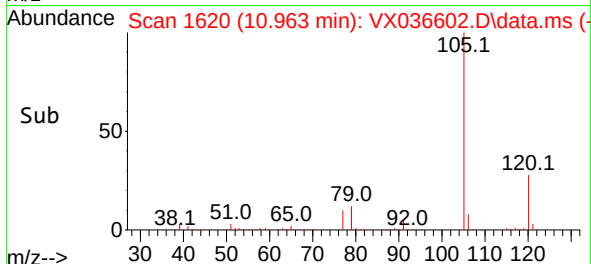
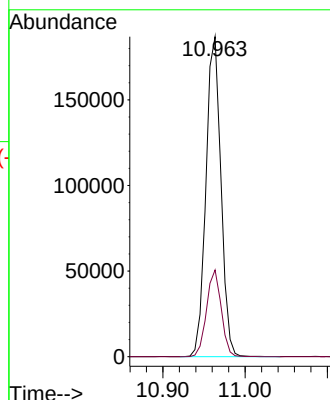
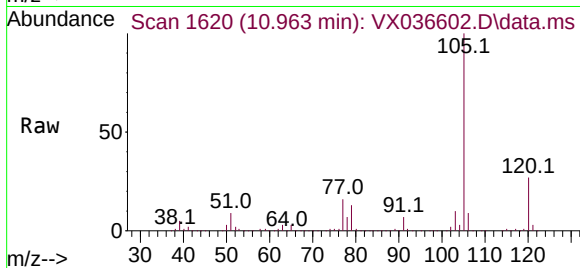
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 25.220 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Tgt Ion: 43 Resp: 110153

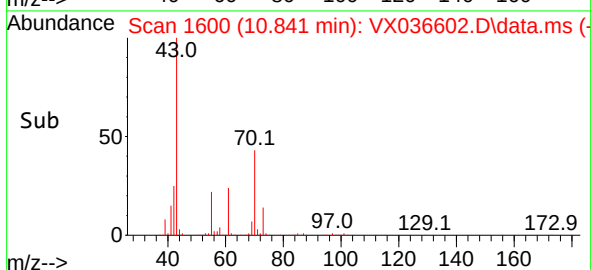
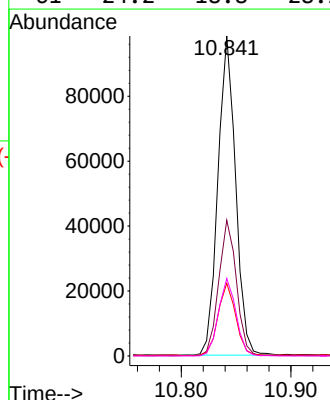
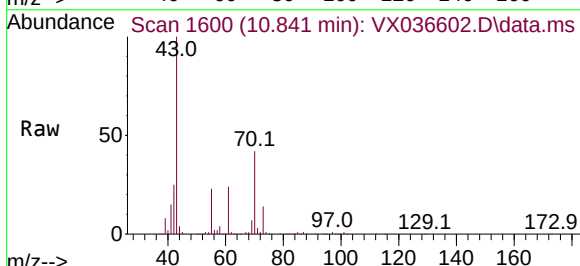
Ion Ratio Lower Upper

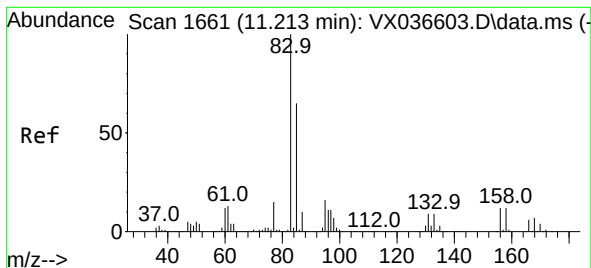
43 100

70 42.8 32.9 49.3

55 22.5 19.3 28.9

61 24.2 18.8 28.2





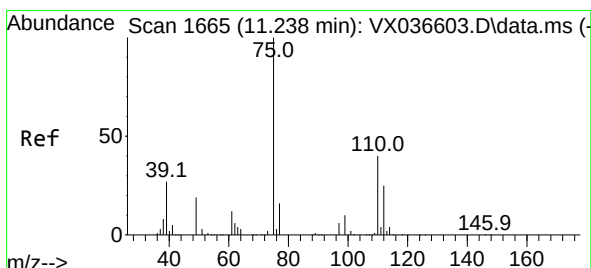
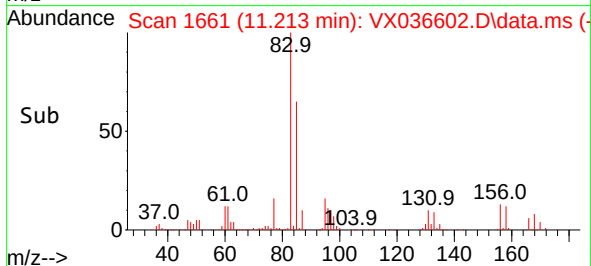
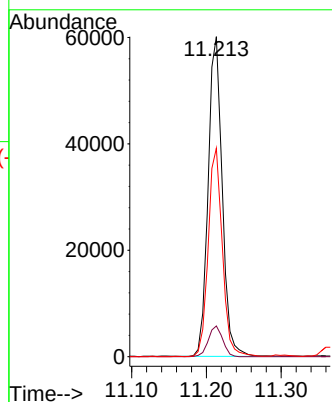
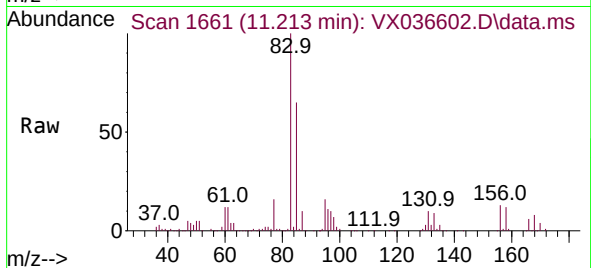
#75
1,1,2,2-Tetrachloroethane
Concen: 21.583 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 7856
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 65.6 32.0 96.2

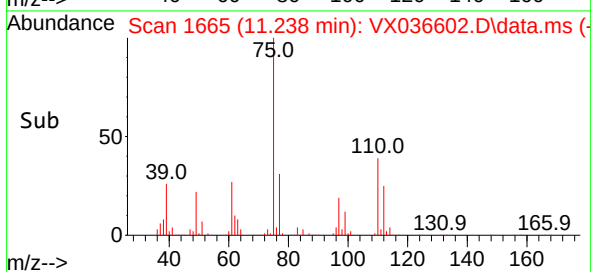
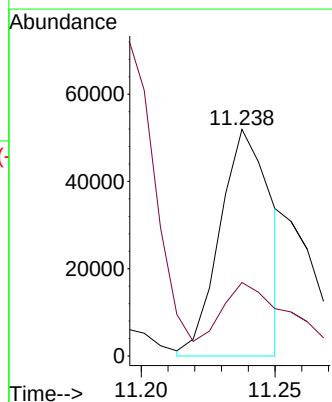
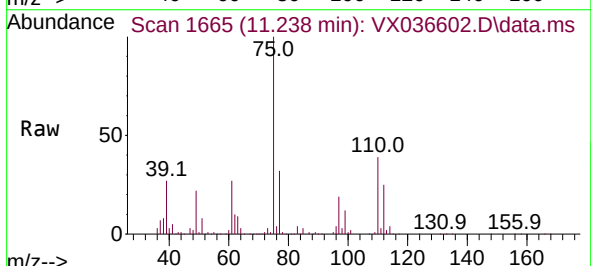
Manual Integrations
APPROVED

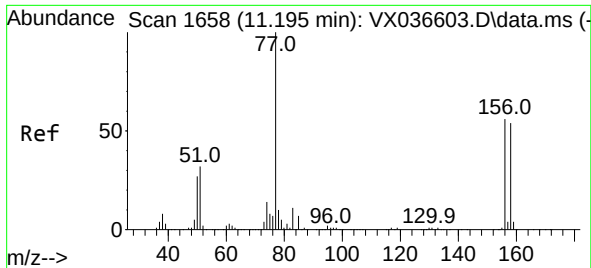
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 22.268 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

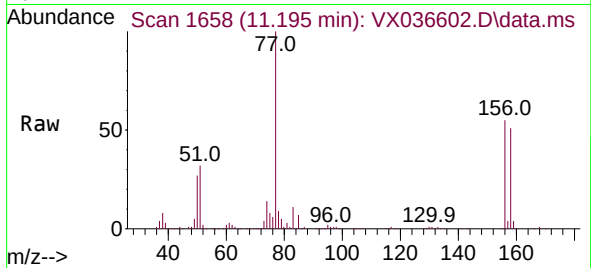
Tgt Ion: 75 Resp: 68378
Ion Ratio Lower Upper
75 100
77 44.5 19.1 57.5





#77
Bromobenzene
Concen: 20.203 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

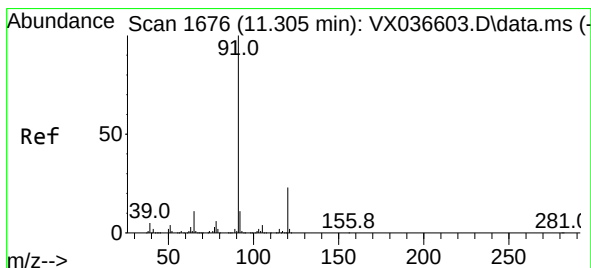
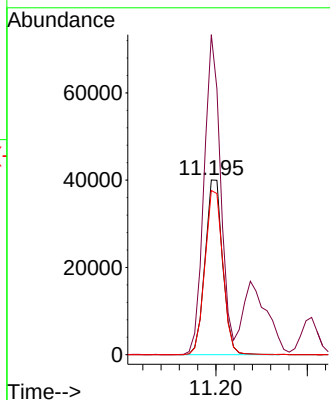
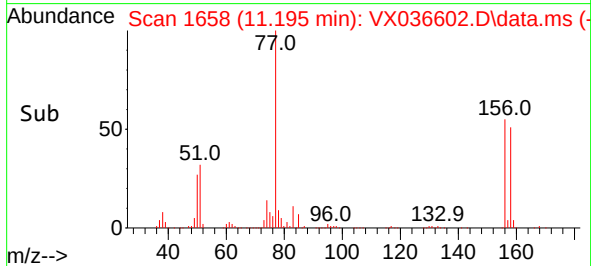
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



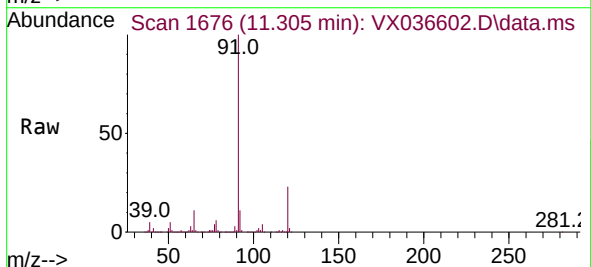
Tgt Ion:156 Resp: 53158
Ion Ratio Lower Upper
156 100
77 173.4 88.4 265.3
158 95.8 48.0 144.0

Manual Integrations
APPROVED

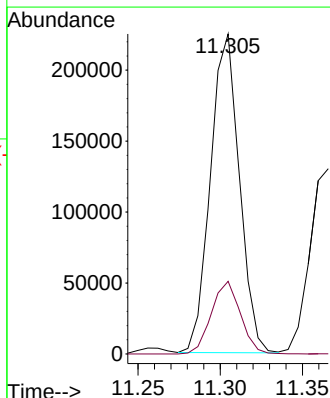
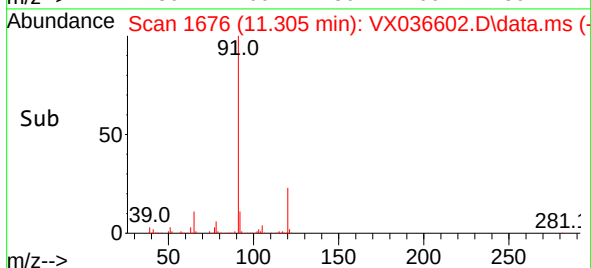
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

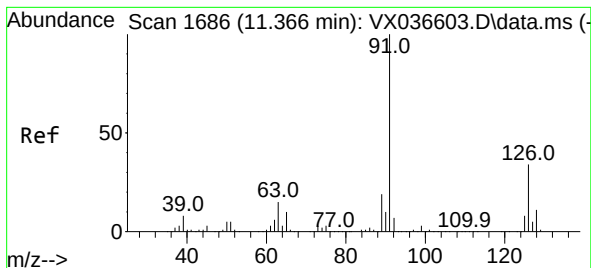


#78
n-propylbenzene
Concen: 21.900 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion: 91 Resp: 275191
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





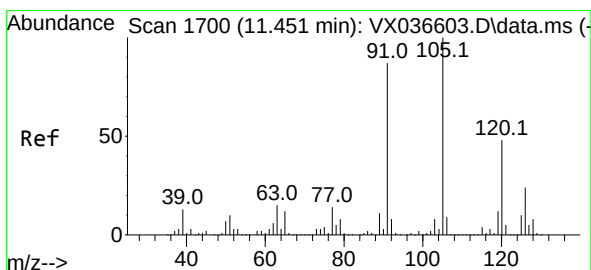
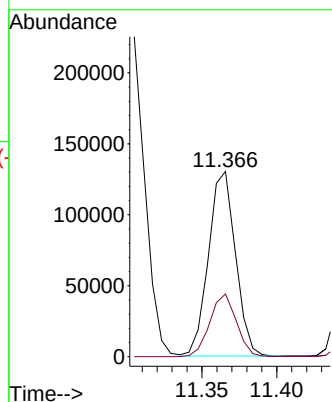
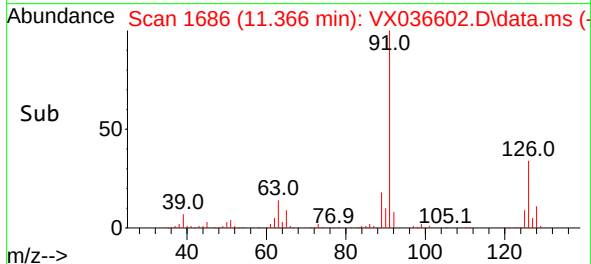
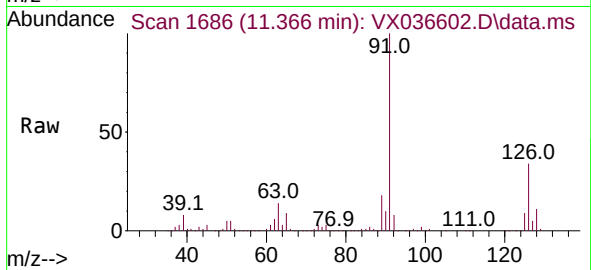
#79
2-Chlorotoluene
Concen: 21.796 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 16335
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

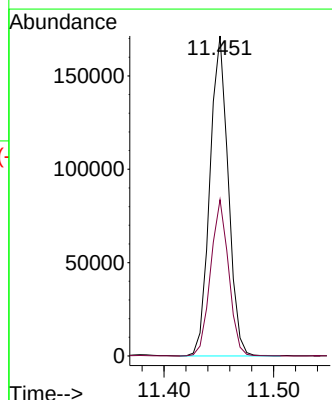
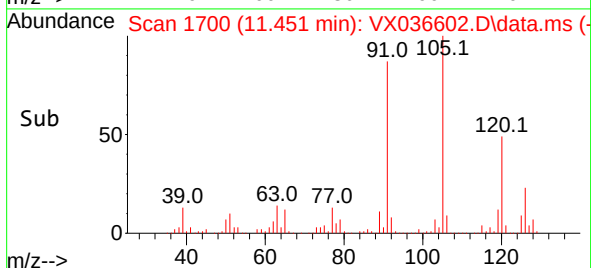
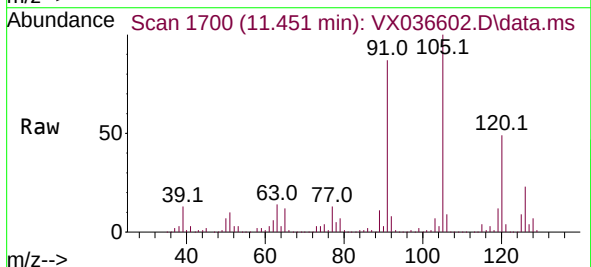
Manual Integrations
APPROVED

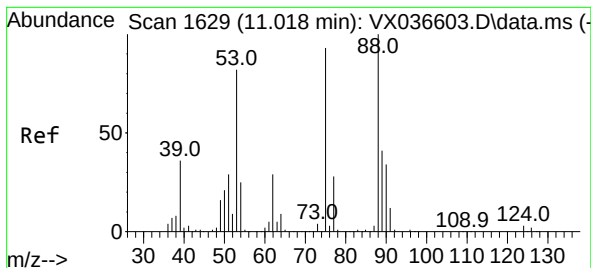
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.847 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion:105 Resp: 198885
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





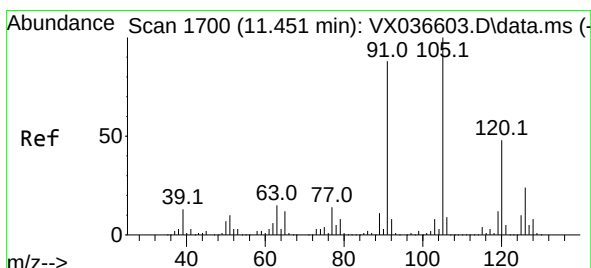
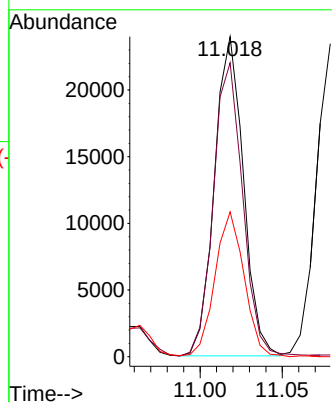
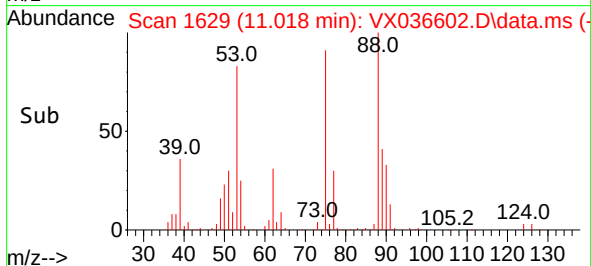
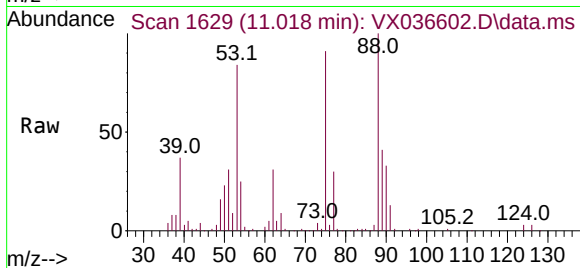
#81
trans-1,4-Dichloro-2-butene
Concen: 28.395 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 29344
Ion Ratio Lower Upper
75 100
53 92.7 90.5 135.7
89 45.7 36.9 55.3

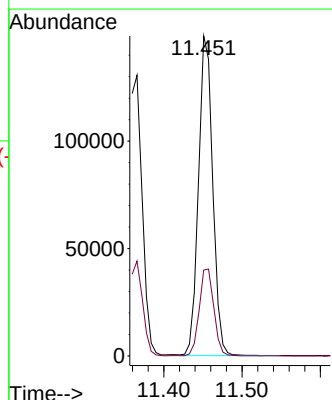
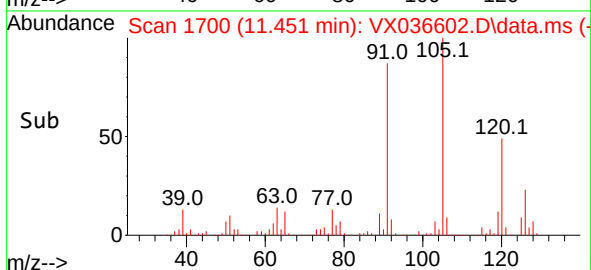
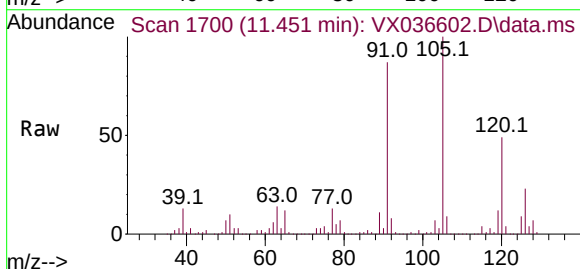
Manual Integrations
APPROVED

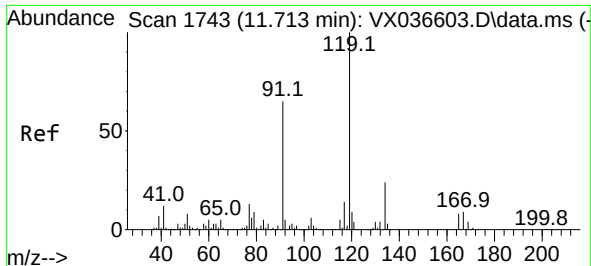
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 21.664 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

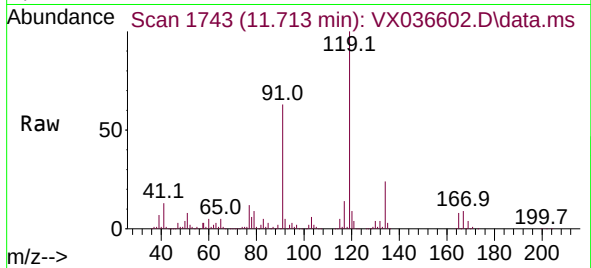
Tgt Ion: 91 Resp: 188417
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 22.120 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

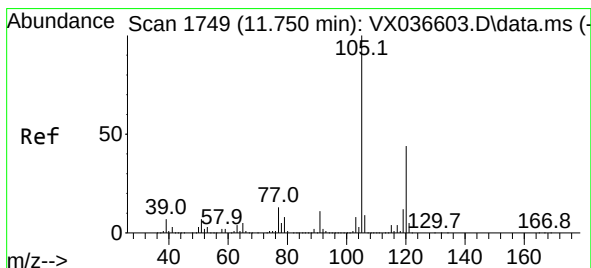
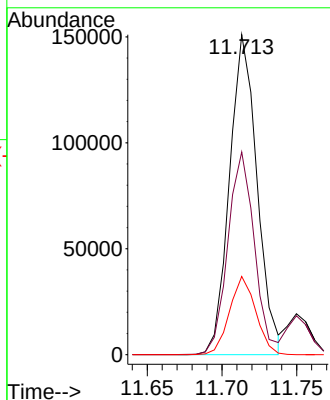
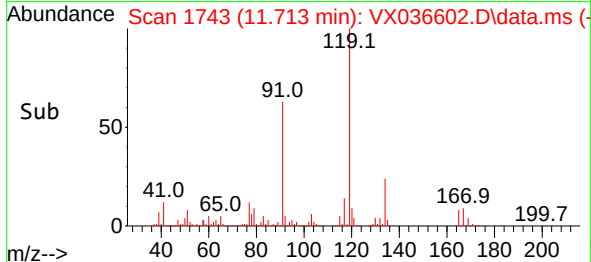
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:119 Resp: 193685
Ion Ratio Lower Upper
119 100
91 61.0 31.2 93.6
134 23.3 11.7 35.0

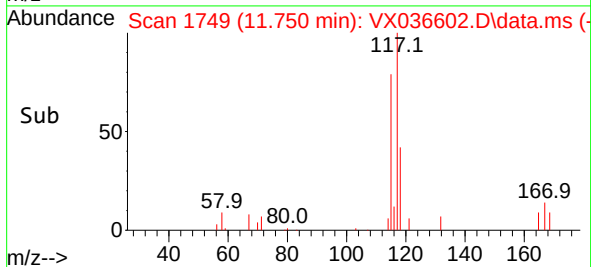
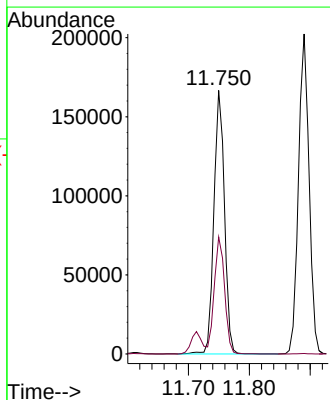
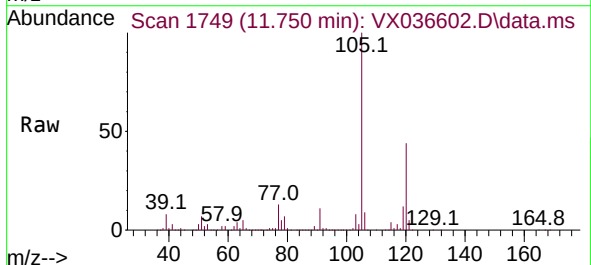
Manual Integrations
APPROVED

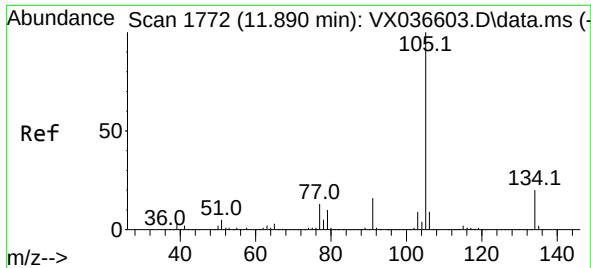
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.168 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

Tgt Ion:105 Resp: 200015
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 22.044 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

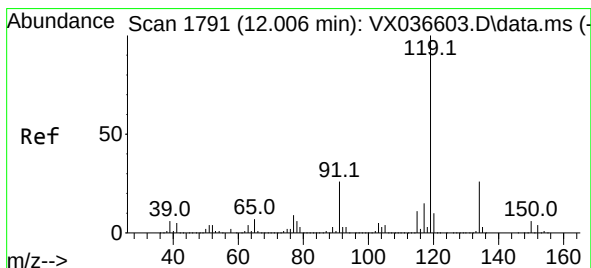
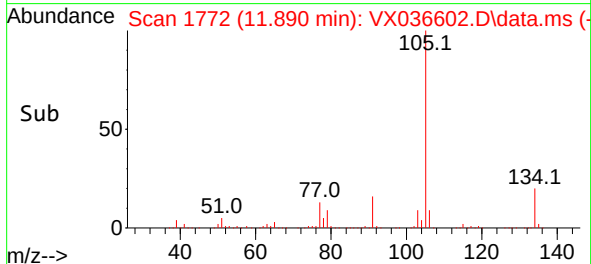
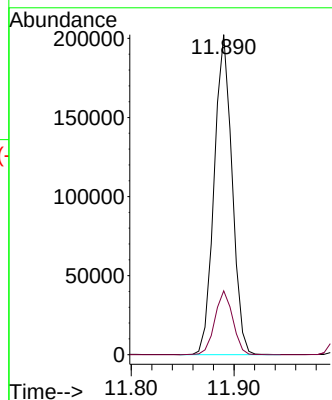
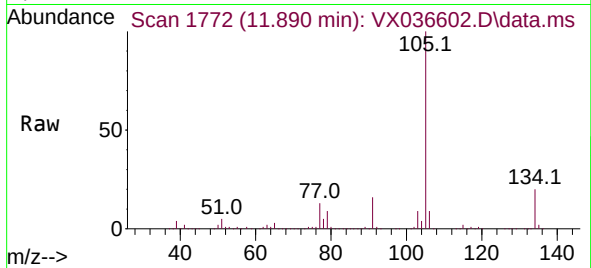
VSTDIC020

Tgt Ion:105 Resp: 24441
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations

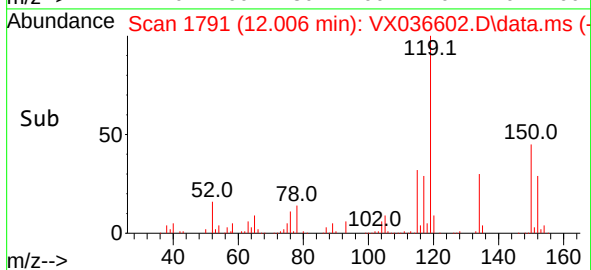
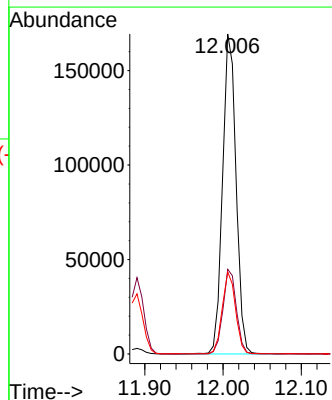
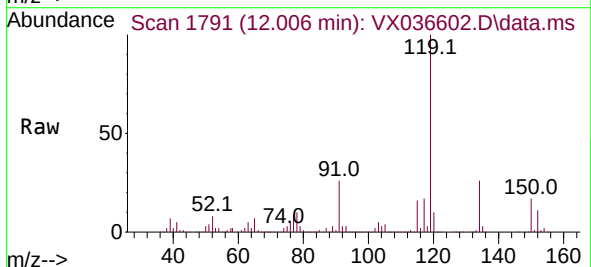
APPROVED

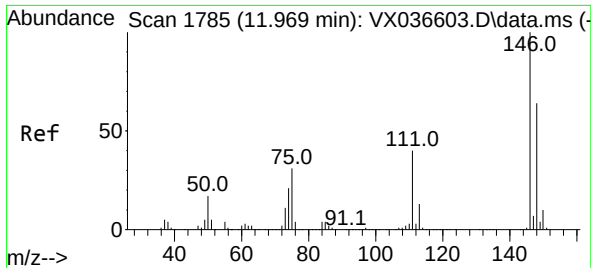
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 21.921 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036602.D
 Acq: 21 Jul 2023 10:33

Tgt Ion:119 Resp: 203442
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.475 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

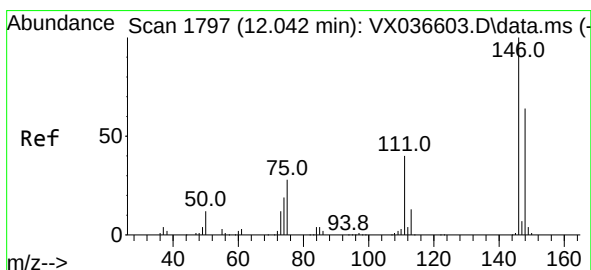
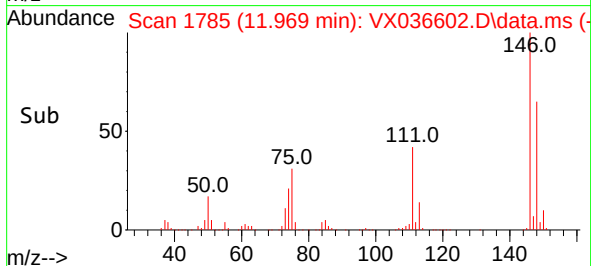
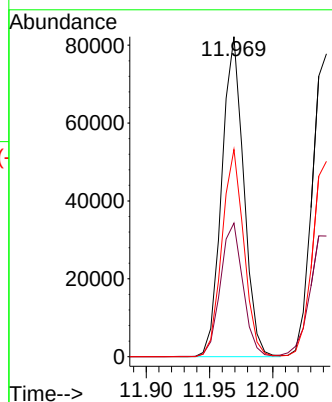
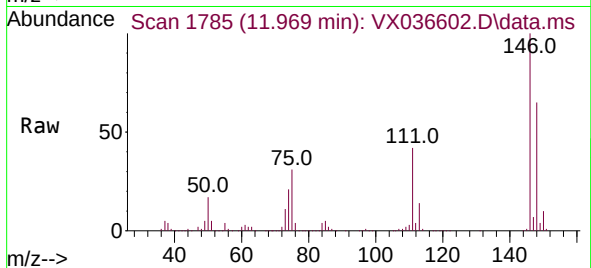
Tgt Ion:146 Resp: 99020
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.1 66.1
 148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 20.098 ug/l

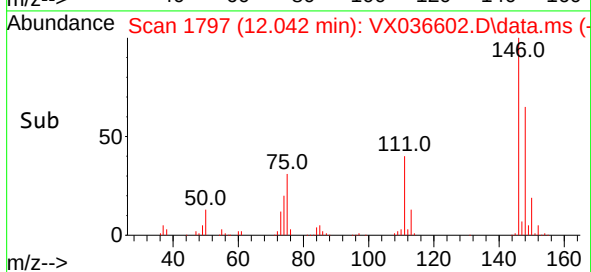
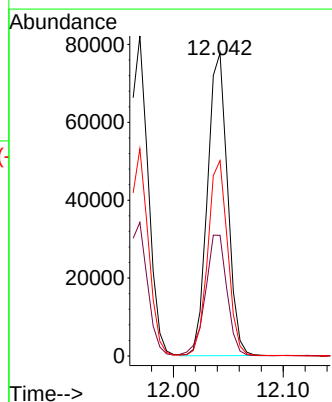
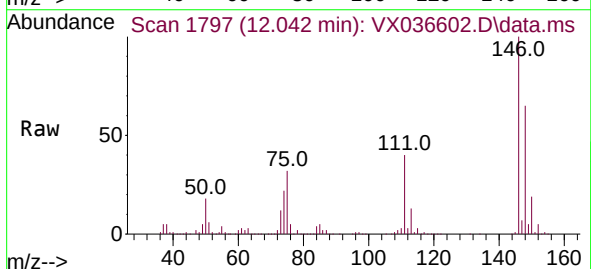
RT: 12.042 min Scan# 1797

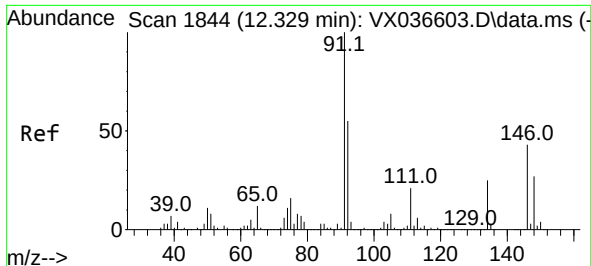
Delta R.T. -0.000 min

Lab File: VX036602.D

Acq: 21 Jul 2023 10:33

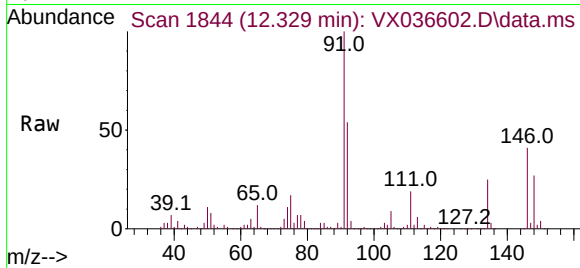
Tgt Ion:146 Resp: 98901
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 21.948 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

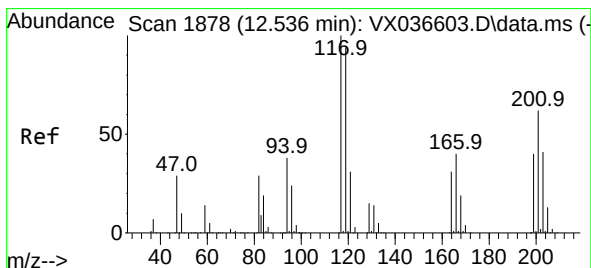
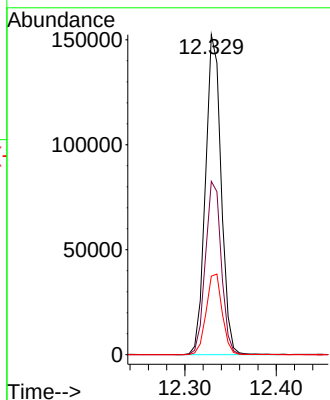
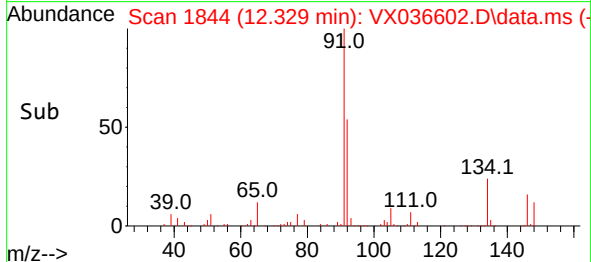
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 181536
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 25.7 12.6 37.8

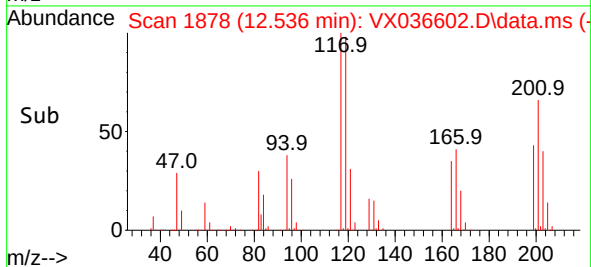
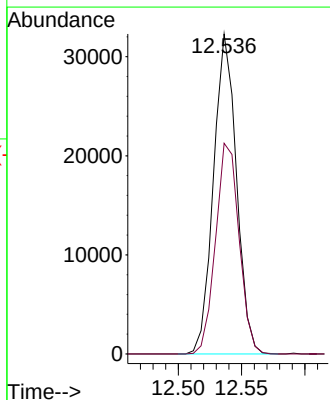
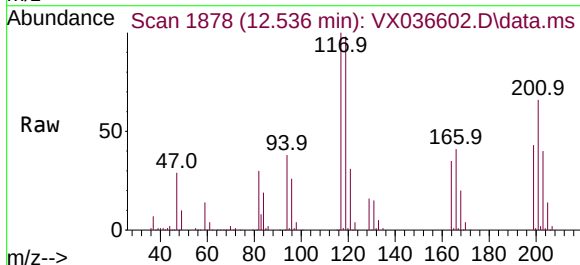
Manual Integrations
APPROVED

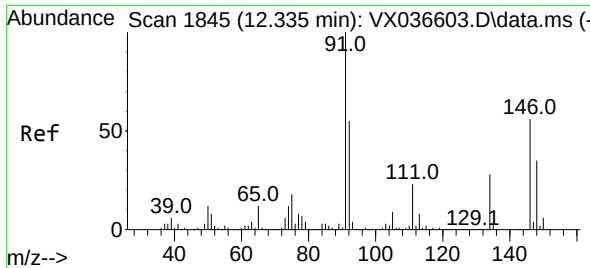
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 27.420 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

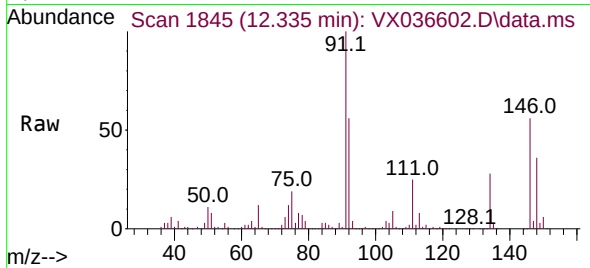
Tgt Ion:117 Resp: 40679
Ion Ratio Lower Upper
117 100
201 67.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 20.213 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

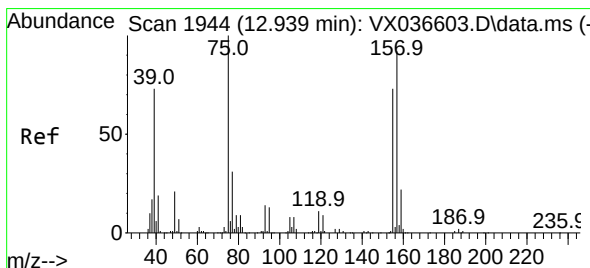
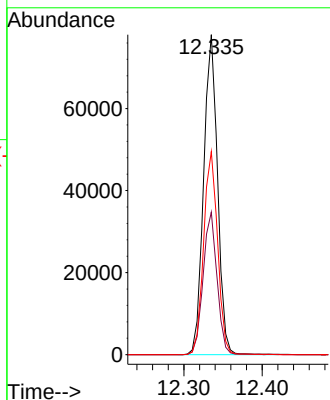
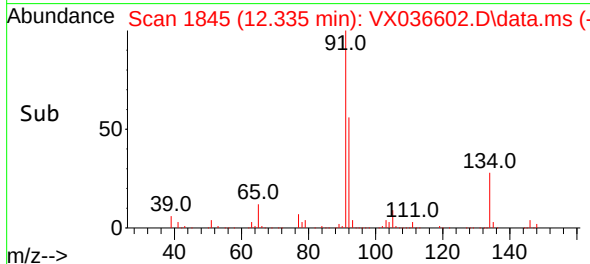
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



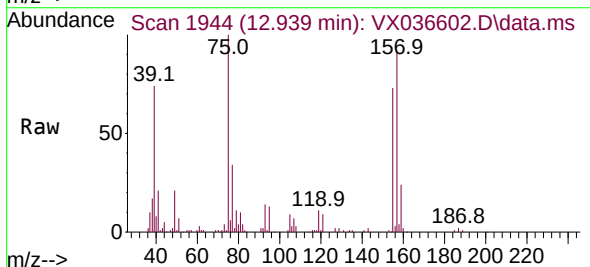
Tgt Ion:146 Resp: 96044
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

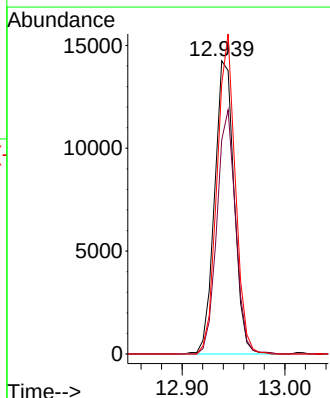
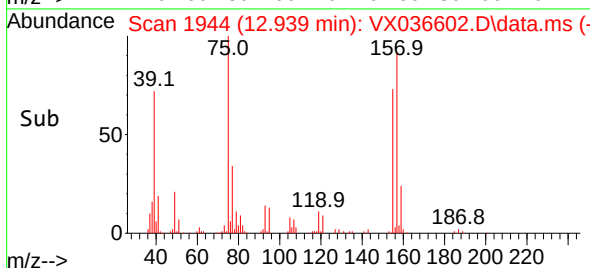
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

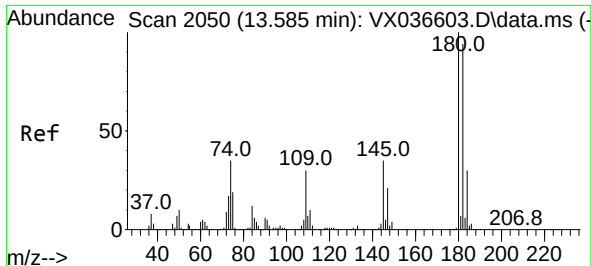


#92
1,2-Dibromo-3-Chloropropane
Concen: 26.319 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



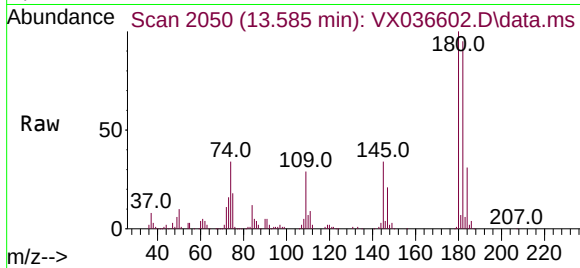
Tgt Ion: 75 Resp: 18784
Ion Ratio Lower Upper
75 100
155 79.6 36.1 108.5
157 101.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.798 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

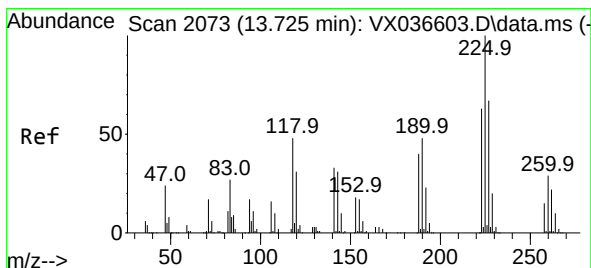
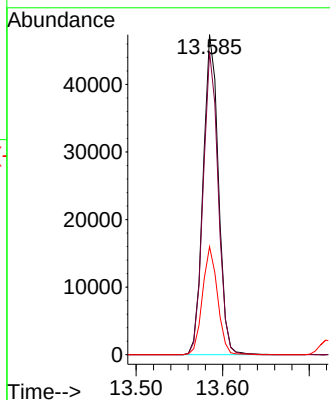
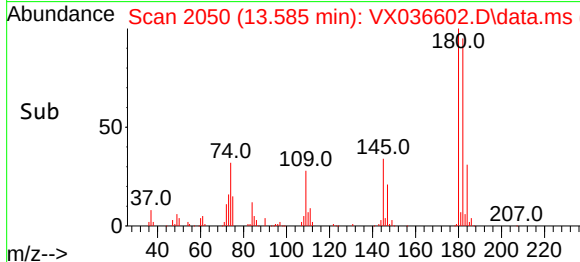
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:180 Resp: 57936
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.8
145 33.2 18.0 54.0

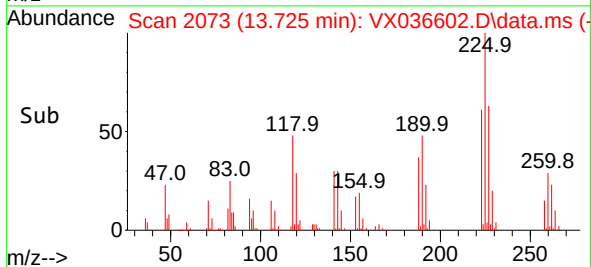
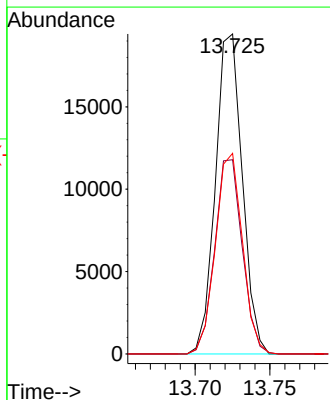
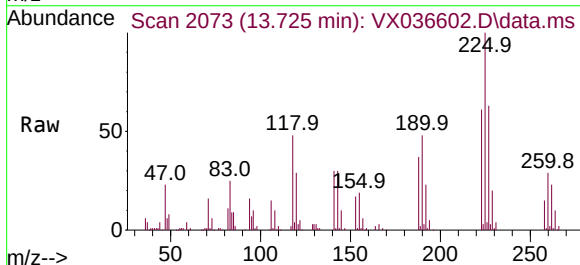
Manual Integrations
APPROVED

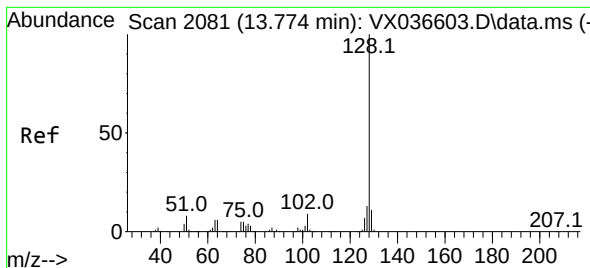
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#94
Hexachlorobutadiene
Concen: 20.209 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

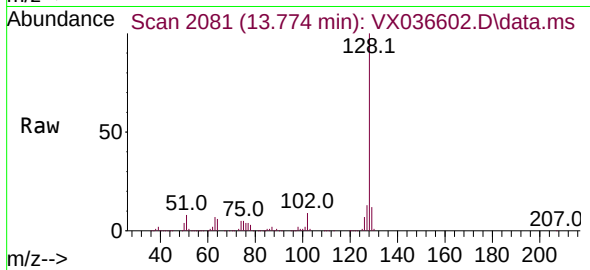
Tgt Ion:225 Resp: 24288
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 63.0 32.5 97.5





#95
Naphthalene
Concen: 21.055 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33

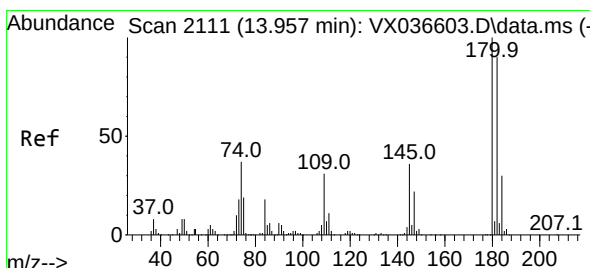
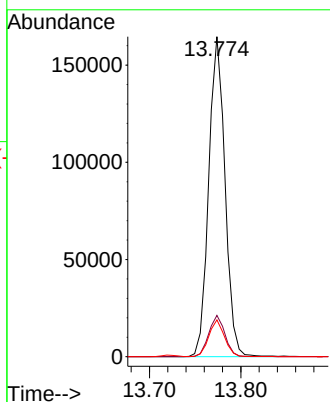
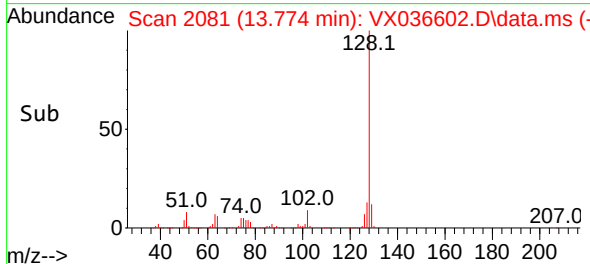
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



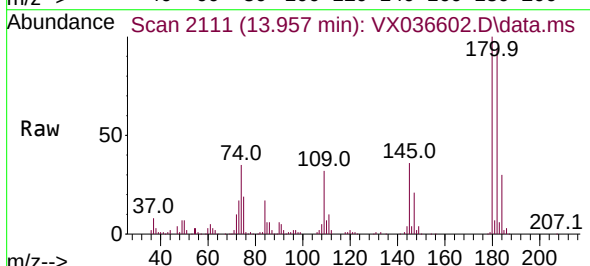
Tgt Ion:128 Resp: 20417
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.003 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX036602.D
Acq: 21 Jul 2023 10:33



Tgt Ion:180 Resp: 57004
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.6
145 35.2 17.8 53.5

