

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037712.D
 Acq On : 14 Sep 2023 04:35
 Operator : JC/MD
 Sample : VX0913WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD02

Quant Time: Sep 14 05:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2023
 Supervised By : Mahesh Dadoda 09/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	294713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149615	62.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 125.020%#			
35) Dibromofluoromethane	5.385	113	118615	56.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.560%			
50) Toluene-d8	8.647	98	383872	48.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.079	95	138971	48.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23711	14.619	ug/l	97
3) Chloromethane	1.300	50	41938	22.698	ug/l	98
4) Vinyl Chloride	1.374	62	37481	18.033	ug/l	99
5) Bromomethane	1.599	94	33989	19.550	ug/l	100
6) Chloroethane	1.678	64	27544	19.274	ug/l	97
7) Trichlorofluoromethane	1.880	101	52481	15.261	ug/l	96
8) Diethyl Ether	2.136	74	33000	24.180	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	24372	15.810	ug/l	100
10) Methyl Iodide	2.453	142	48859	26.838	ug/l	93
11) Tert butyl alcohol	2.965	59	71548	139.621	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	28610	18.798	ug/l	87
13) Acrolein	2.233	56	40219	102.849	ug/l	99
14) Allyl chloride	2.660	41	58144	21.808	ug/l	95
15) Acrylonitrile	3.062	53	140080	127.620	ug/l	99
16) Acetone	2.380	43	120009	124.025	ug/l	93
17) Carbon Disulfide	2.508	76	60697	15.688	ug/l	98
18) Methyl Acetate	2.703	43	104660	25.613	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	157628	26.234	ug/l	98
20) Methylene Chloride	2.788	84	49725	25.965	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35777	20.432	ug/l	89
22) Diisopropyl ether	3.757	45	146044	25.143	ug/l	98
23) Vinyl Acetate	3.721	43	530800	125.286	ug/l	98
24) 1,1-Dichloroethane	3.611	63	78294	23.131	ug/l	99
25) 2-Butanone	4.556	43	191981	121.680	ug/l	92
26) 2,2-Dichloropropane	4.483	77	32374	13.750	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	50572	23.684	ug/l	88
28) Bromochloromethane	4.897	49	42782	25.018	ug/l	86
29) Tetrahydrofuran	5.007	42	124756	124.169	ug/l	91
30) Chloroform	5.092	83	87349	23.896	ug/l	100
31) Cyclohexane	5.464	56	39504	14.333	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	61219	20.122	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42805	15.063	ug/l	96
37) Ethyl Acetate	4.714	43	72483	22.291	ug/l	95
38) Carbon Tetrachloride	5.678	117	44120	15.197	ug/l	95
39) Methylcyclohexane	7.379	83	40395	12.013	ug/l	100
40) Benzene	6.037	78	172854	20.064	ug/l	99

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Quant Time: Sep 14 05:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37668	21.993	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	73629	21.867	ug/l	98
43) Isopropyl Acetate	6.342	43	116680	22.493	ug/l	97
44) Trichloroethene	7.129	130	39054	18.144	ug/l	98
45) 1,2-Dichloropropane	7.427	63	48990	21.548	ug/l	100
46) Dibromomethane	7.580	93	37456	22.645	ug/l	95
47) Bromodichloromethane	7.824	83	64147	21.483	ug/l	93
48) Methyl methacrylate	7.696	41	55790	22.248	ug/l #	87
49) 1,4-Dioxane	7.665	88	29908	481.397	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	391458	114.922	ug/l	96
52) Toluene	8.720	92	104988	18.954	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	59746	19.736	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	67411	20.294	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	54301	23.281	ug/l	94
56) Ethyl methacrylate	9.116	69	79951	22.404	ug/l	92
57) 1,3-Dichloropropane	9.311	76	87740	22.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	194127	112.189	ug/l	99
59) 2-Hexanone	9.433	43	298848	113.661	ug/l	95
60) Dibromochloromethane	9.525	129	50307	21.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56017	22.343	ug/l	100
64) Tetrachloroethene	9.275	164	31348	17.612	ug/l	99
65) Chlorobenzene	10.079	112	114657	19.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45898	22.744	ug/l	98
67) Ethyl Benzene	10.195	91	184604	17.716	ug/l	99
68) m/p-Xylenes	10.299	106	143502	36.117	ug/l	97
69) o-Xylene	10.640	106	77212	19.491	ug/l	97
70) Styrene	10.659	104	126735	19.610	ug/l	96
71) Bromoform	10.799	173	36615	23.188	ug/l #	100
73) Isopropylbenzene	10.963	105	173511	18.324	ug/l	99
74) N-amyl acetate	10.841	43	99572	24.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	88861	25.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68661m	24.693	ug/l	
77) Bromobenzene	11.201	156	50785	22.631	ug/l	91
78) n-propylbenzene	11.305	91	189368	17.382	ug/l	100
79) 2-Chlorotoluene	11.366	91	131693	19.638	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	151776	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17783	19.440	ug/l	96
82) 4-Chlorotoluene	11.457	91	144665	18.885	ug/l	96
83) tert-Butylbenzene	11.713	119	148851	18.618	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	157197	19.592	ug/l	99
85) sec-Butylbenzene	11.890	105	165835	16.802	ug/l	100
86) p-Isopropyltoluene	12.012	119	136479	16.874	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	84298	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	86223	19.471	ug/l	99
89) n-Butylbenzene	12.335	91	108888	14.865	ug/l	97
90) Hexachloroethane	12.536	117	23698	17.364	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	92857	21.540	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16963	23.313	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	48626	18.940	ug/l	96
94) Hexachlorobutadiene	13.725	225	17098	15.943	ug/l	98
95) Naphthalene	13.774	128	201248	21.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52440	19.908	ug/l	98

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ClientSampleId :
VX0913WBSD02

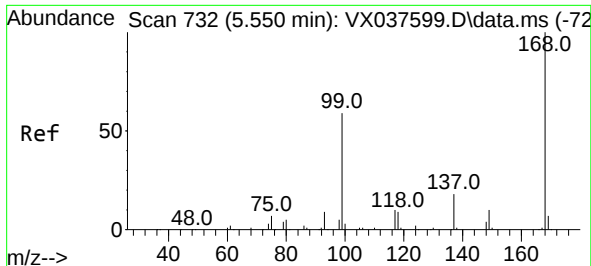
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/14/2023

Quant Time: Sep 14 05:30:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

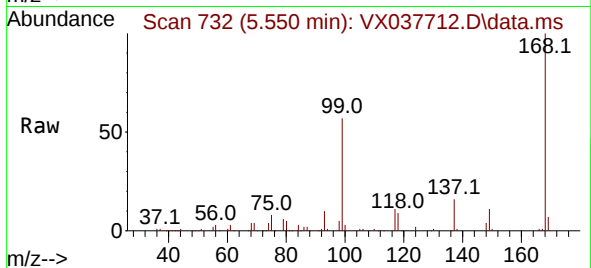
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037712.D
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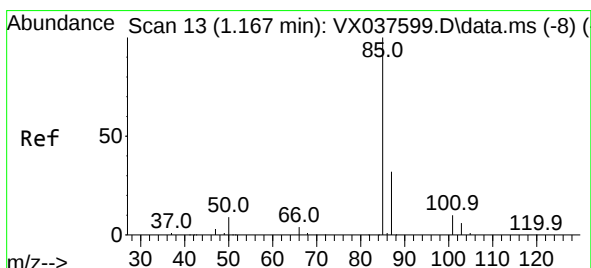
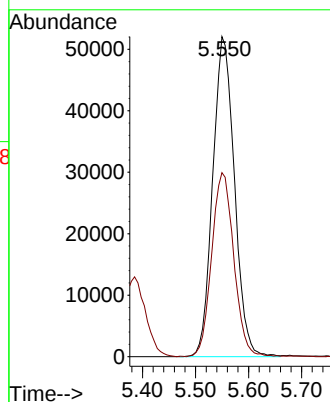
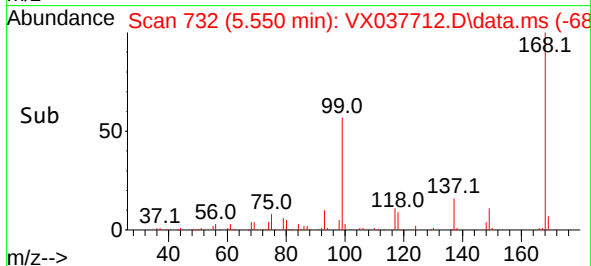
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion:168 Resp: 14793
Ion Ratio Lower Upper
168 100
99 57.3 56.6 85.0

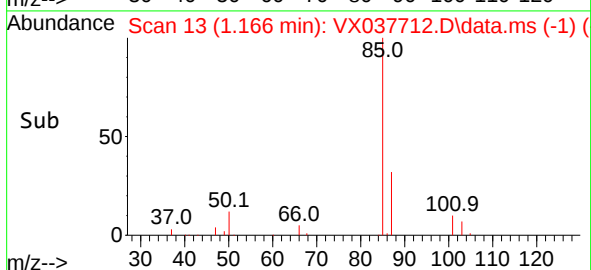
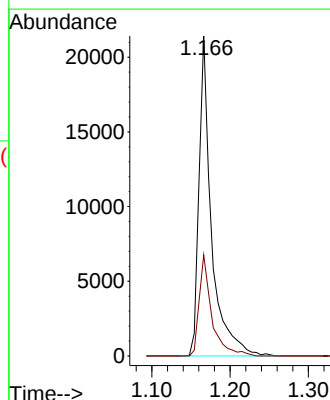
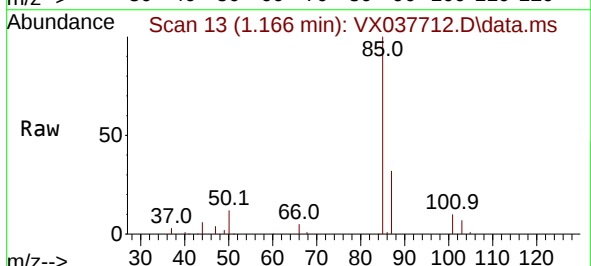
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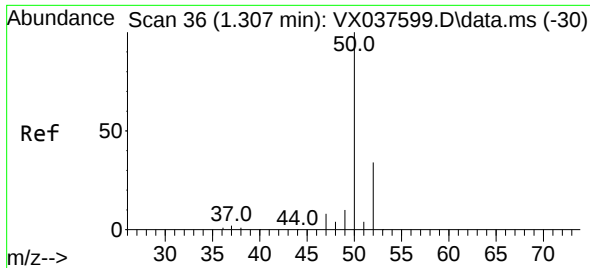
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#2
Dichlorodifluoromethane
Concen: 14.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

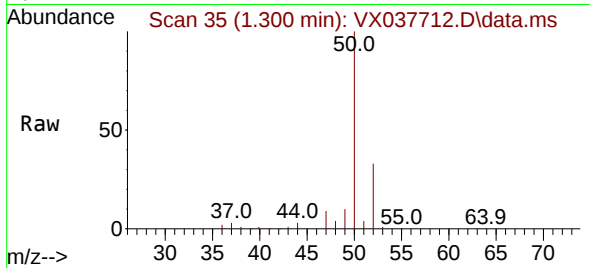
Tgt Ion: 85 Resp: 23711
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 22.698 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

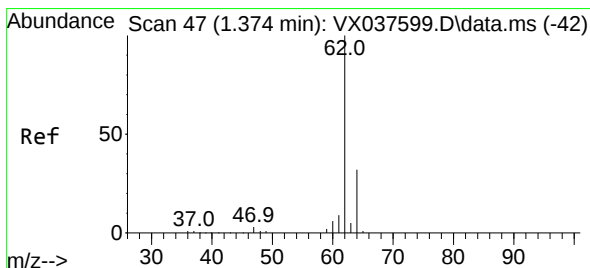
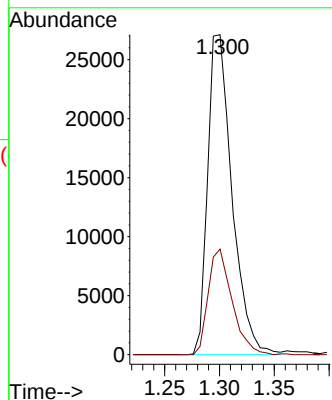
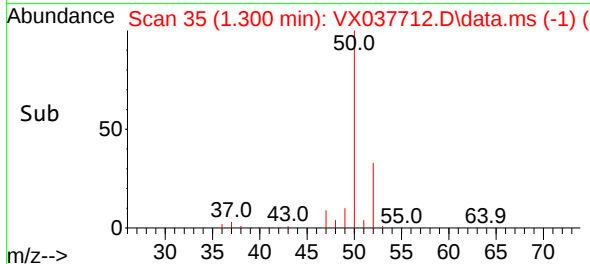
Instrument :
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ClientSampleId :
VX0913WBSD02



Tgt Ion: 50 Resp: 41938
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

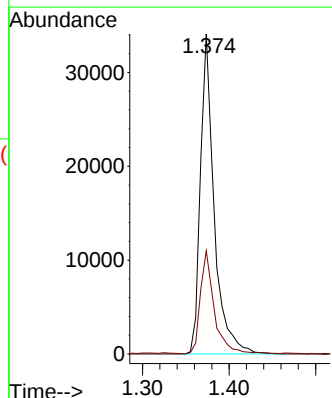
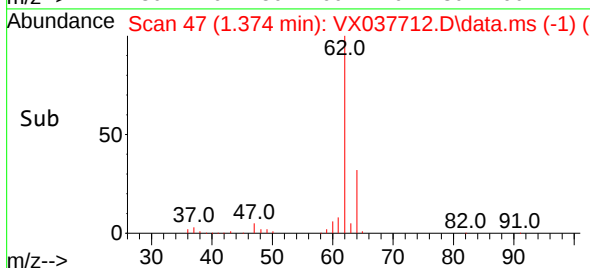
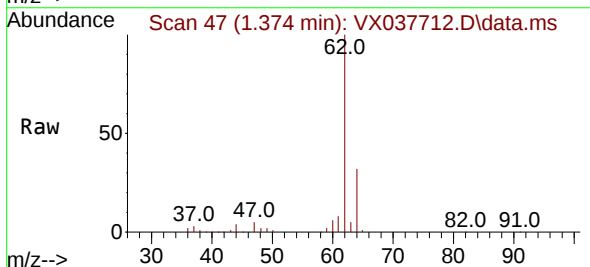
Manual Integrations
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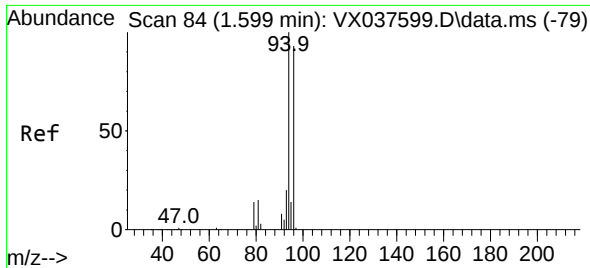
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#4
Vinyl Chloride
Concen: 18.033 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

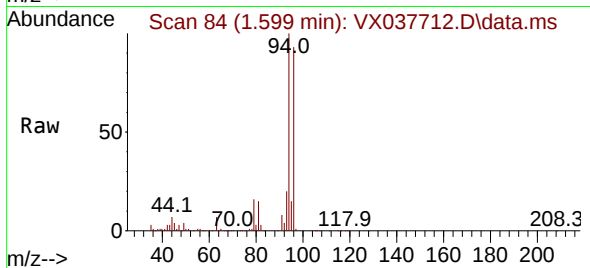
Tgt Ion: 62 Resp: 37481
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 19.550 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

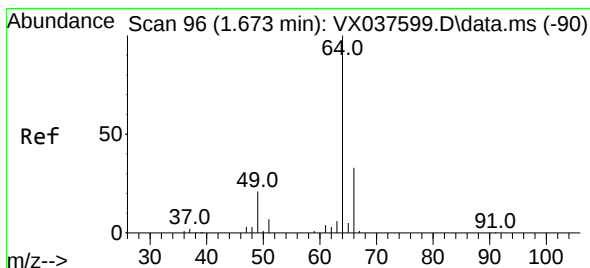
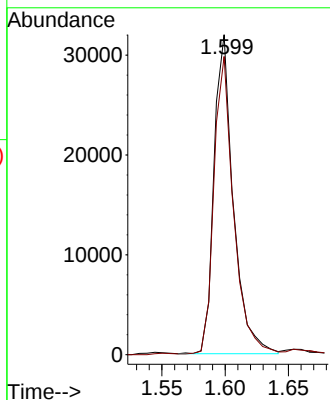
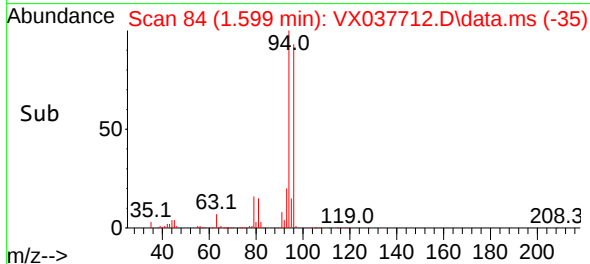
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 94 Resp: 33989
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

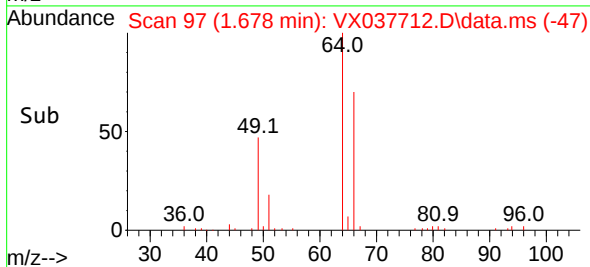
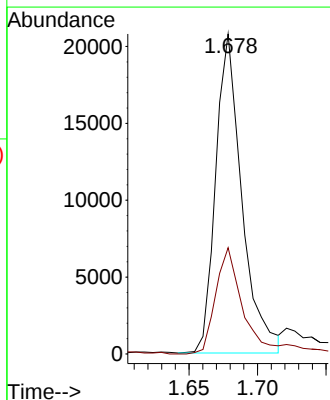
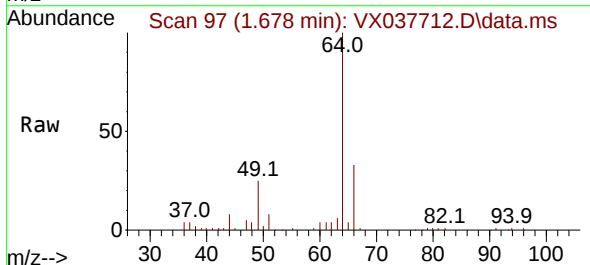
Manual Integrations
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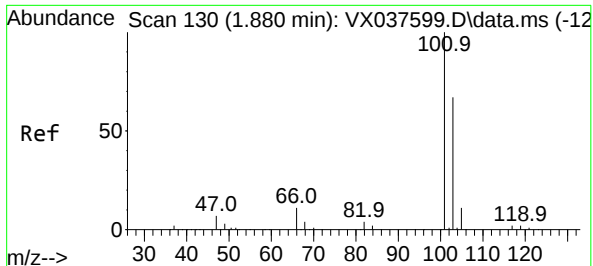
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#6
Chloroethane
Concen: 19.274 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

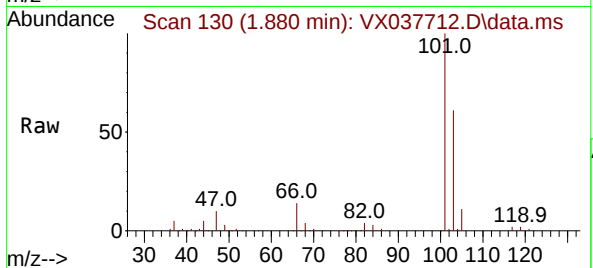
Tgt Ion: 64 Resp: 27544
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 15.261 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

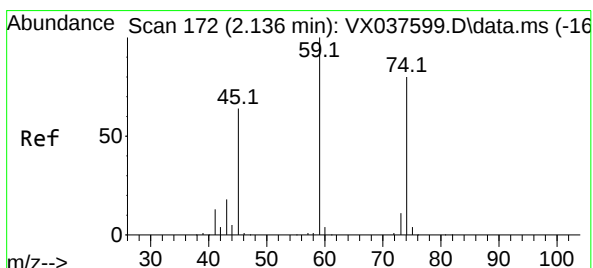
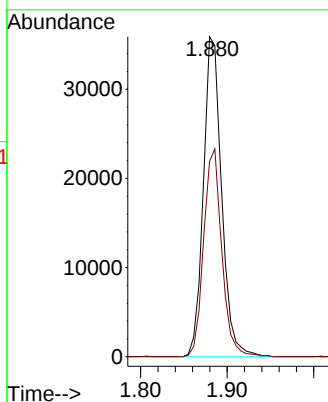
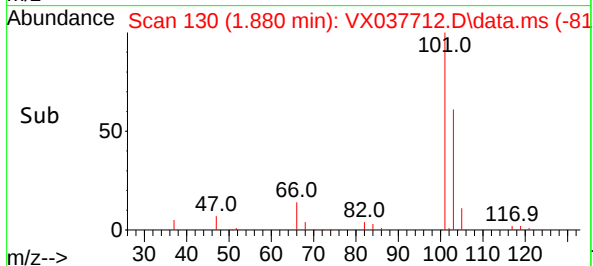
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion:101 Resp: 5248
Ion Ratio Lower Upper
101 100
103 61.1 51.4 77.2

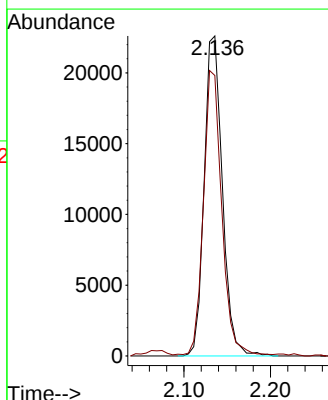
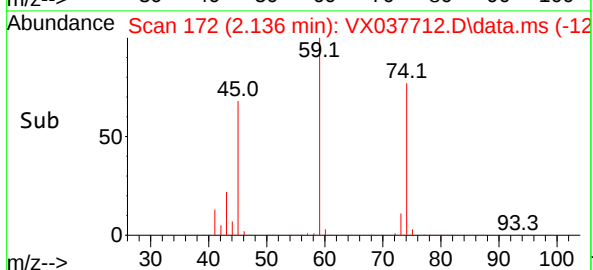
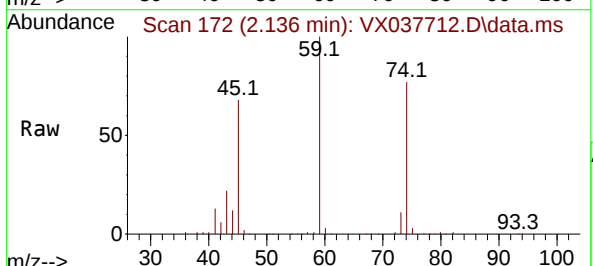
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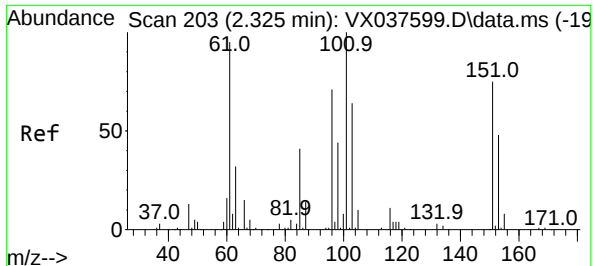
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#8
Diethyl Ether
Concen: 24.180 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

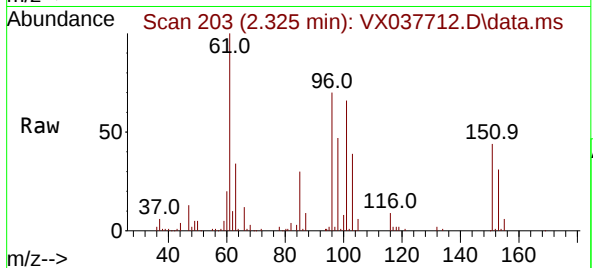
Tgt Ion: 74 Resp: 33000
Ion Ratio Lower Upper
74 100
45 89.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.810 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

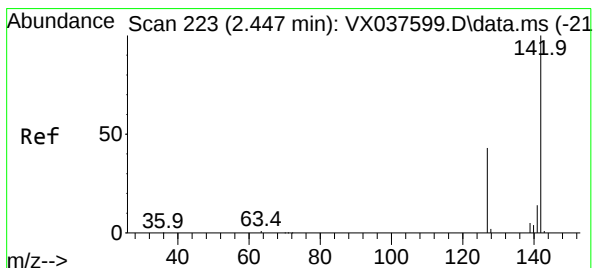
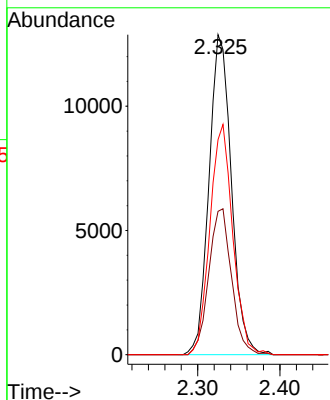
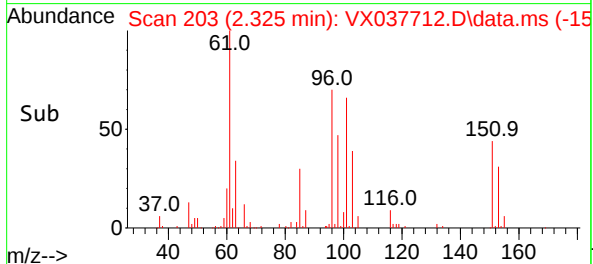
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion:101 Resp: 24372
Ion Ratio Lower Upper
101 100
85 46.3 37.0 55.6
151 73.5 58.6 87.8

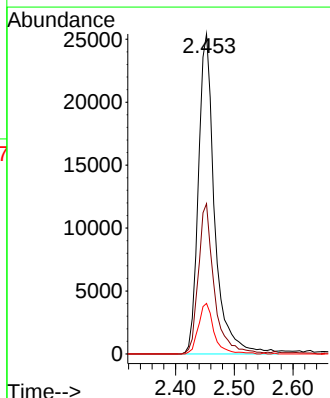
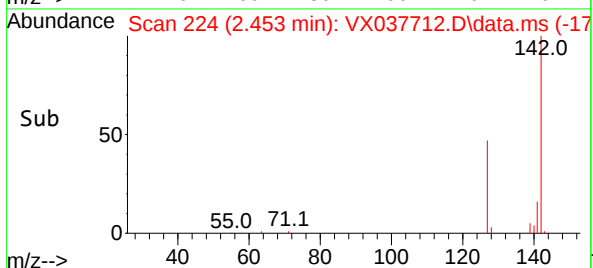
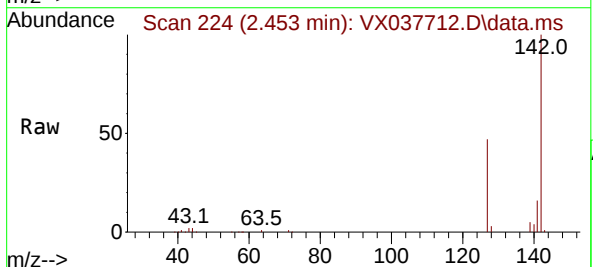
Manual Integrations
APPROVED

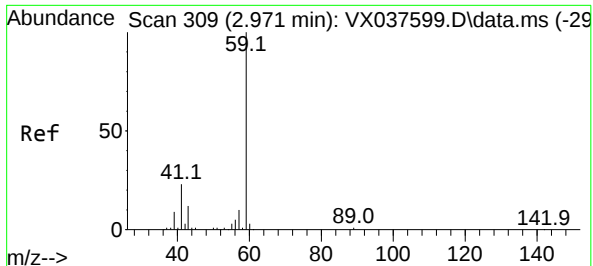
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#10
Methyl Iodide
Concen: 26.838 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

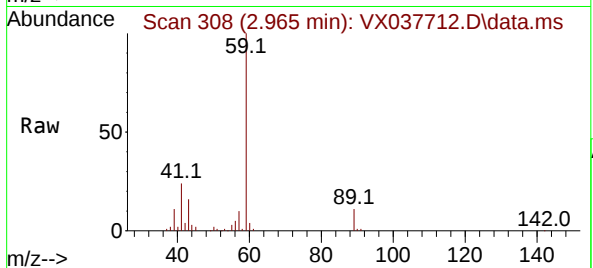
Tgt Ion:142 Resp: 48859
Ion Ratio Lower Upper
142 100
127 45.9 41.6 62.4
141 15.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 139.621 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

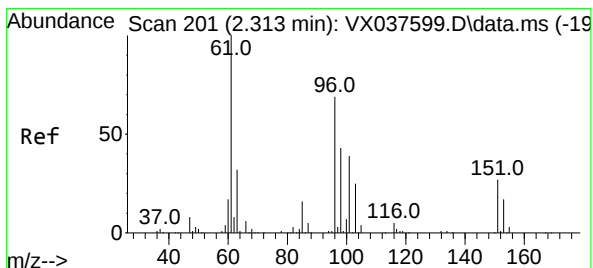
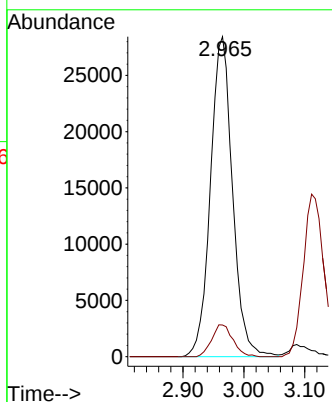
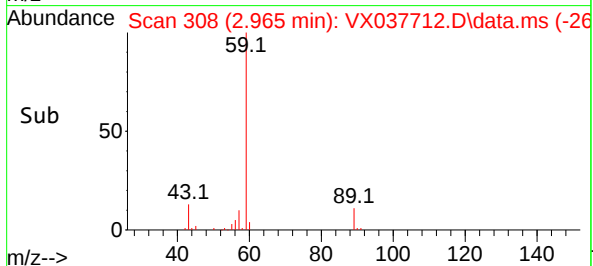
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 59 Resp: 71548
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0

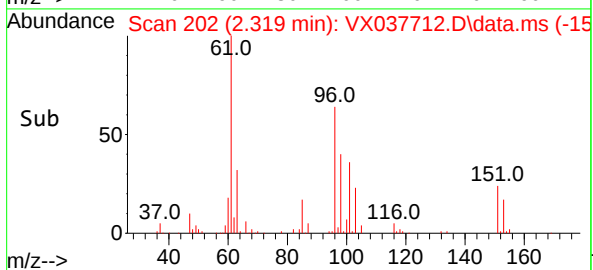
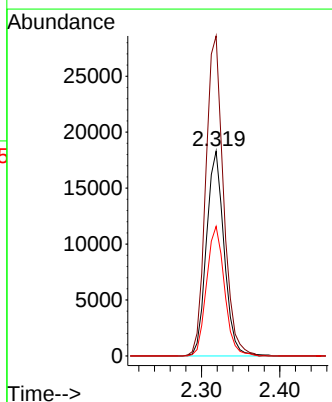
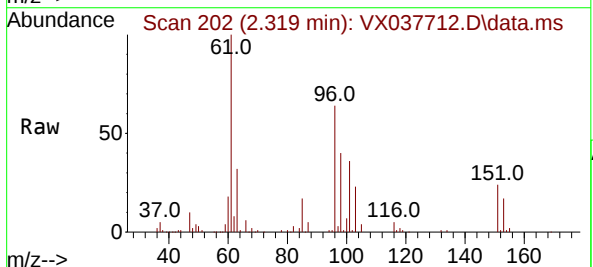
Manual Integrations
APPROVED

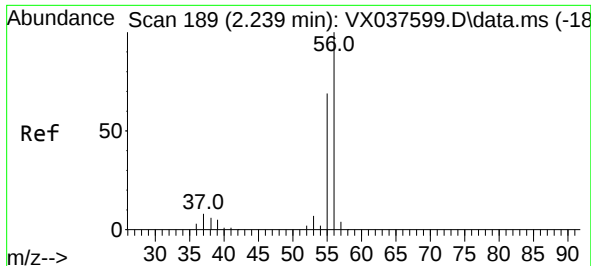
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#12
1,1-Dichloroethene
Concen: 18.798 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

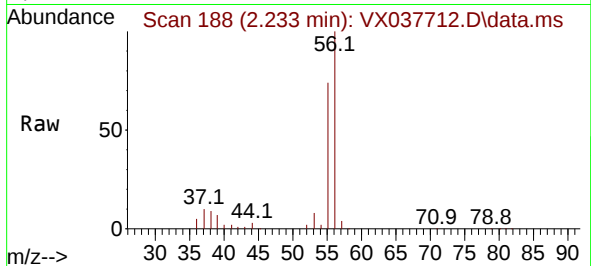
Tgt Ion: 96 Resp: 28610
Ion Ratio Lower Upper
96 100
61 156.3 144.6 216.8
98 63.2 50.4 75.6





#13
Acrolein
Concen: 102.849 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

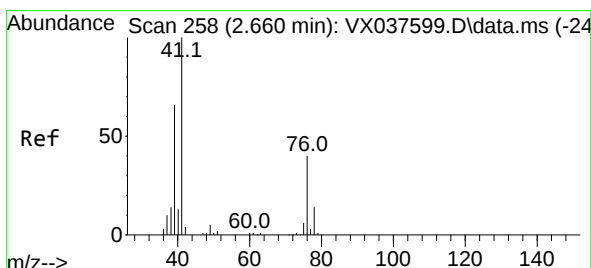
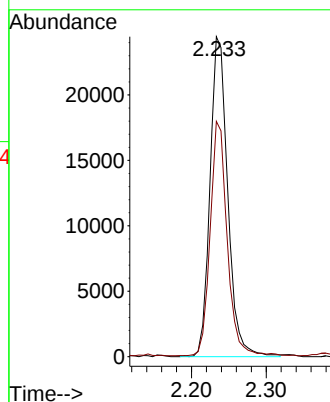
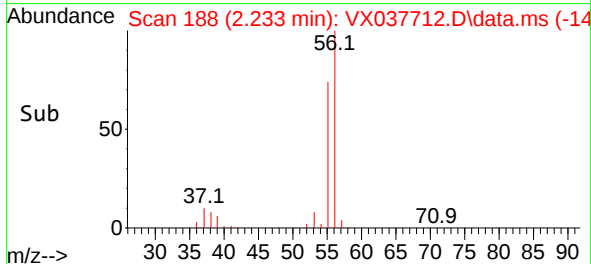
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 56 Resp: 40219
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

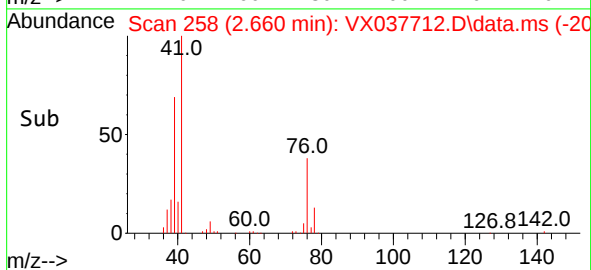
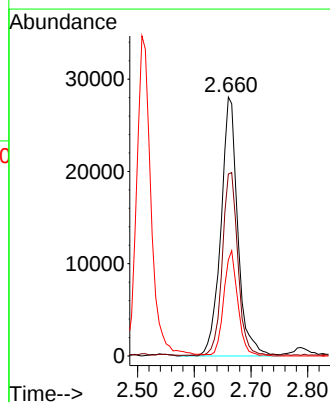
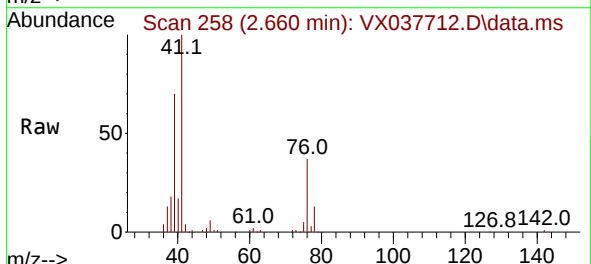
Manual Integrations
APPROVED

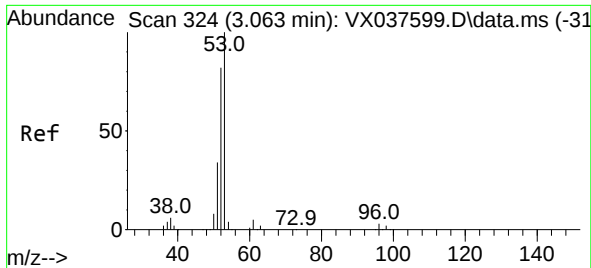
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#14
Allyl chloride
Concen: 21.808 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

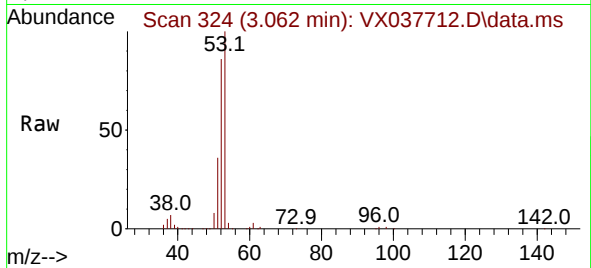
Tgt Ion: 41 Resp: 58144
Ion Ratio Lower Upper
41 100
39 65.5 55.8 83.6
76 33.9 24.3 36.5





#15
Acrylonitrile
Concen: 127.620 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

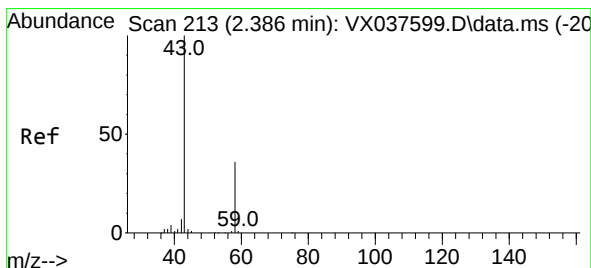
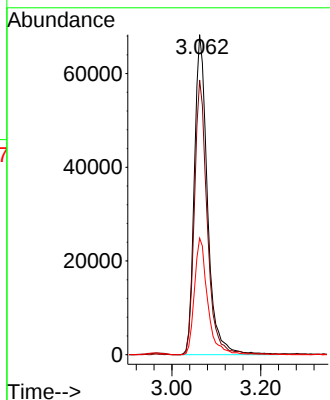
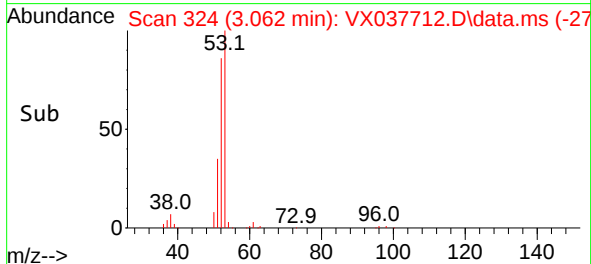
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 53 Resp: 140080
Ion Ratio Lower Upper
53 100
52 83.7 66.0 99.0
51 36.5 29.8 44.6

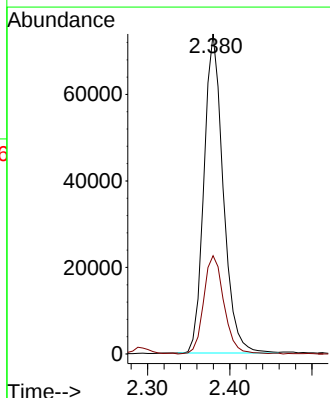
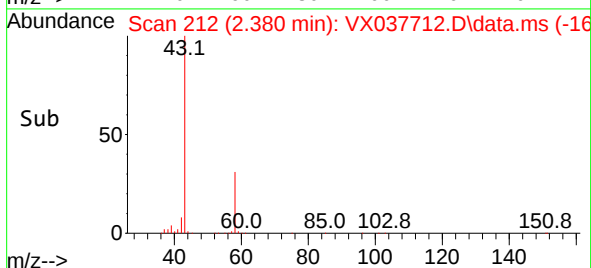
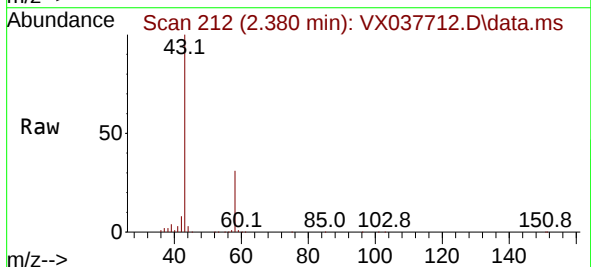
Manual Integrations
APPROVED

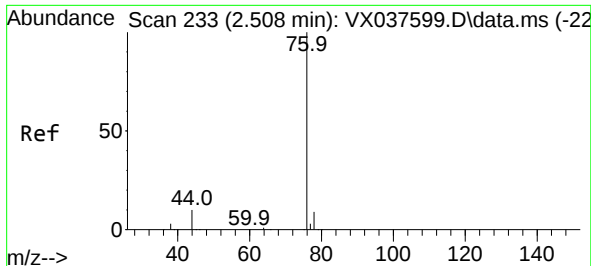
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#16
Acetone
Concen: 124.025 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 43 Resp: 120009
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9





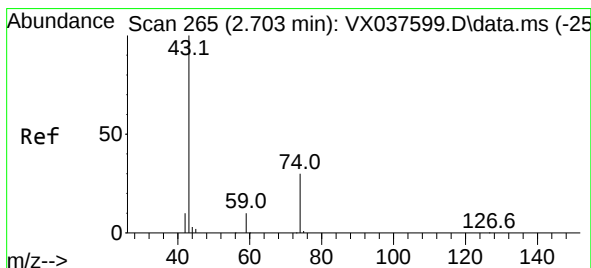
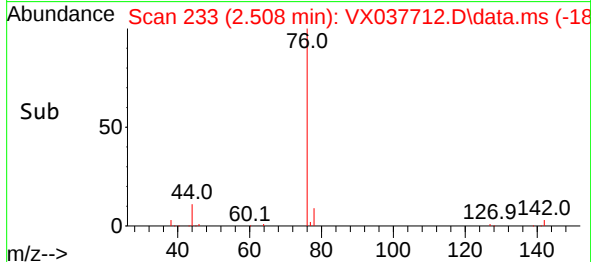
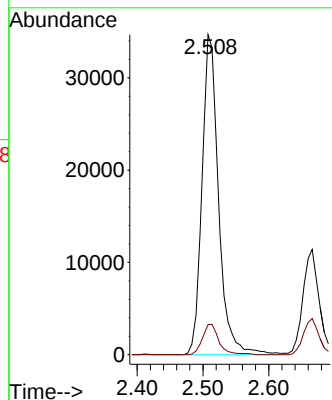
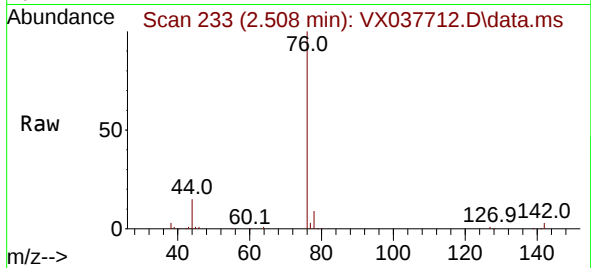
#17
Carbon Disulfide
Concen: 15.688 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 76 Resp: 6069
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

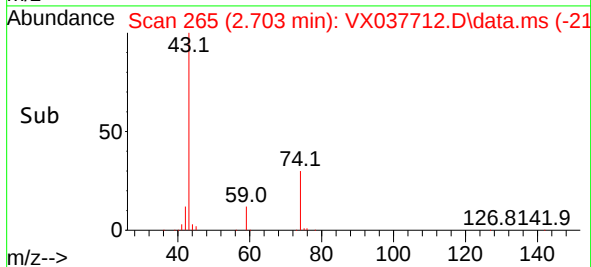
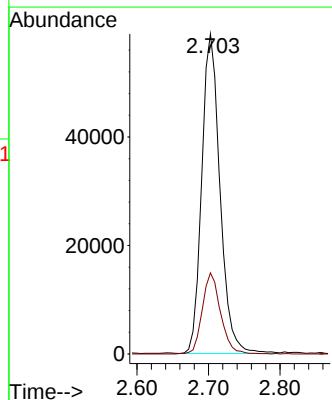
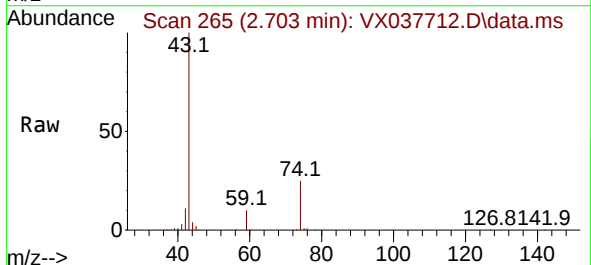
Manual Integrations
APPROVED

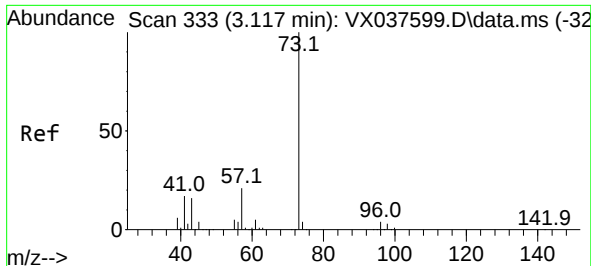
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#18
Methyl Acetate
Concen: 25.613 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

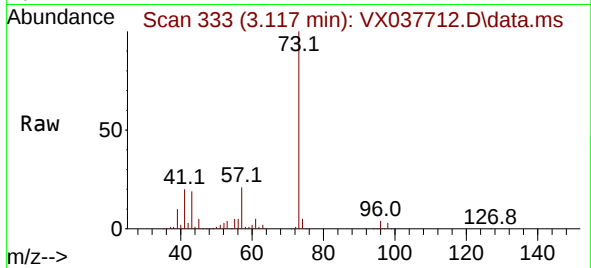
Tgt Ion: 43 Resp: 104660
Ion Ratio Lower Upper
43 100
74 25.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 26.234 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

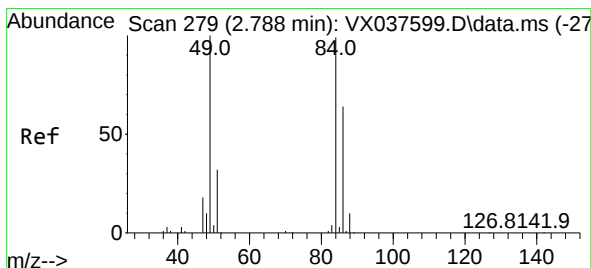
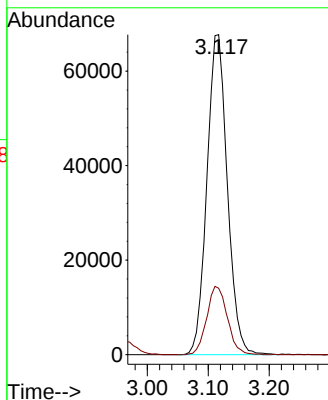
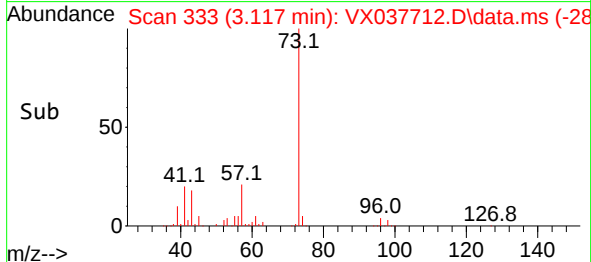
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 73 Resp: 157628
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

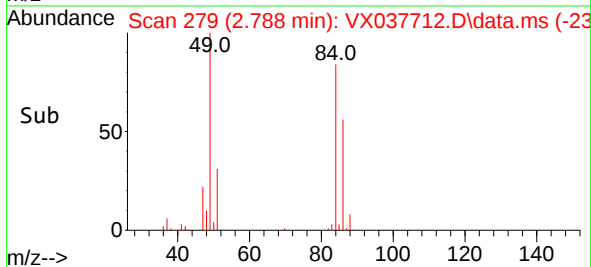
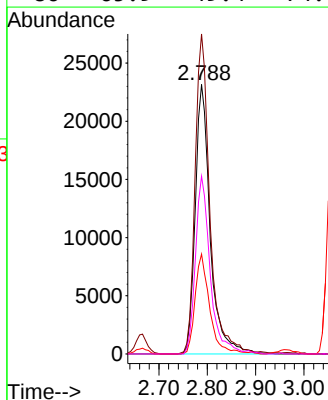
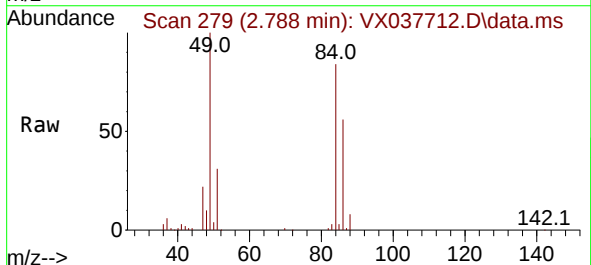
Manual Integrations
APPROVED

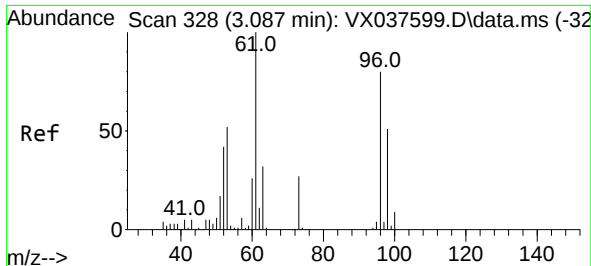
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#20
Methylene Chloride
Concen: 25.965 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

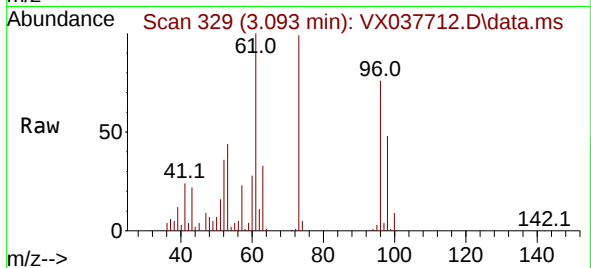
Tgt Ion: 84 Resp: 49725
Ion Ratio Lower Upper
84 100
49 118.8 103.6 155.4
51 37.1 33.8 50.6
86 65.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.432 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

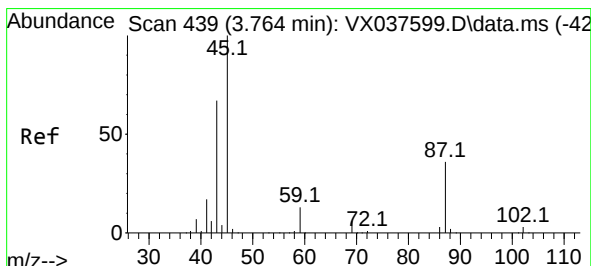
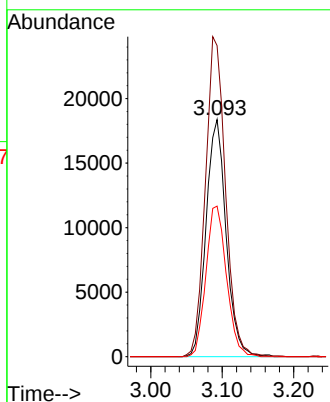
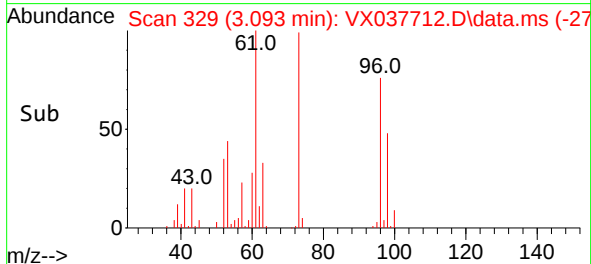
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 96 Resp: 3577
Ion Ratio Lower Upper
96 100
61 131.2 119.2 178.8
98 63.5 48.7 73.1

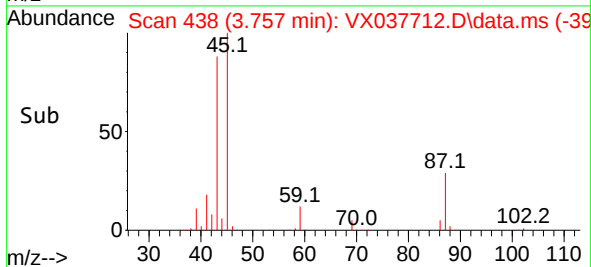
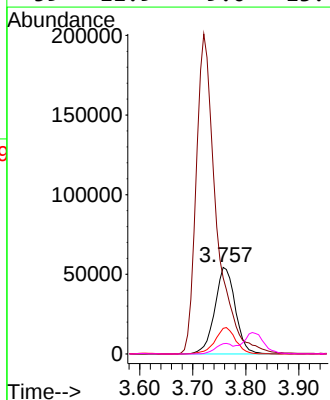
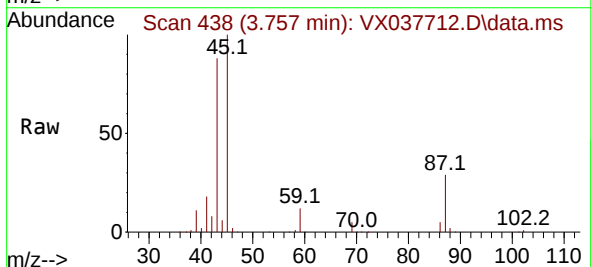
Manual Integrations
APPROVED

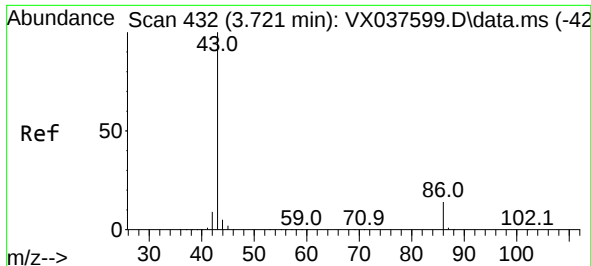
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#22
Diisopropyl ether
Concen: 25.143 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

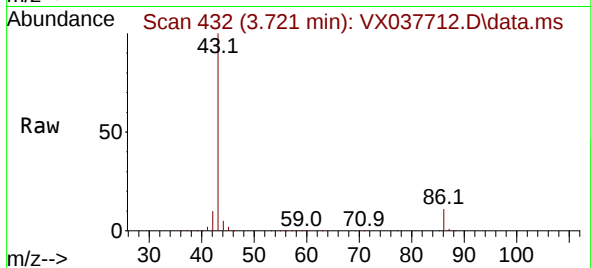
Tgt Ion: 45 Resp: 146044
Ion Ratio Lower Upper
45 100
43 87.8 69.7 104.5
87 29.5 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 125.286 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037712.D
 Acq: 14 Sep 2023 04:35

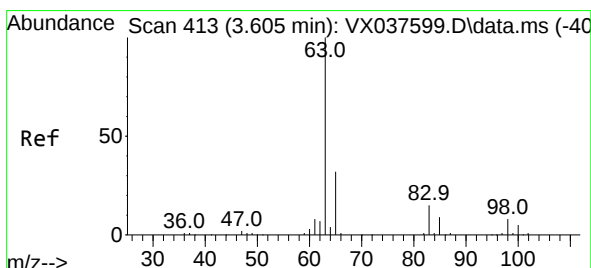
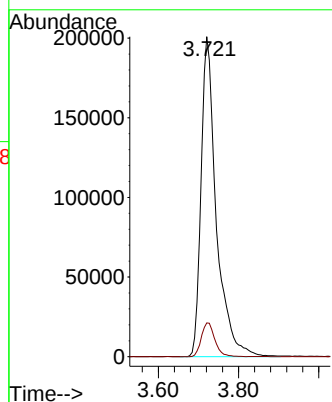
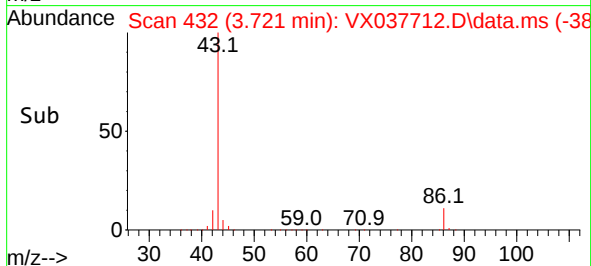
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD02



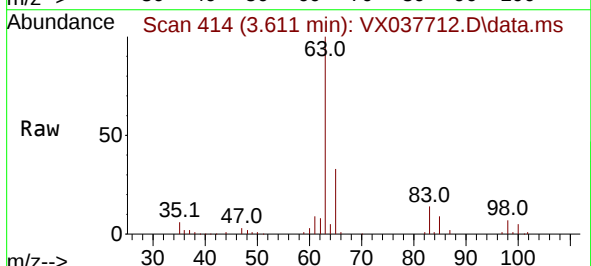
Tgt Ion: 43 Resp: 530800
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations
 APPROVED

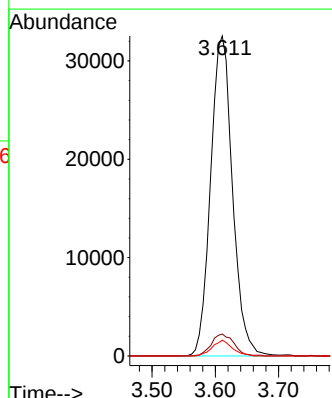
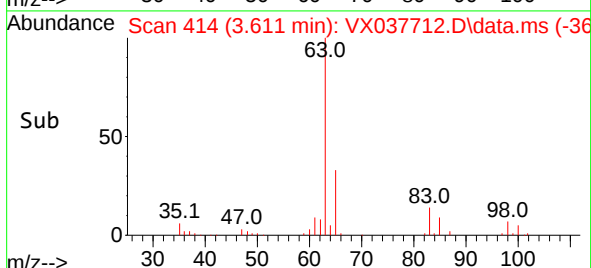
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

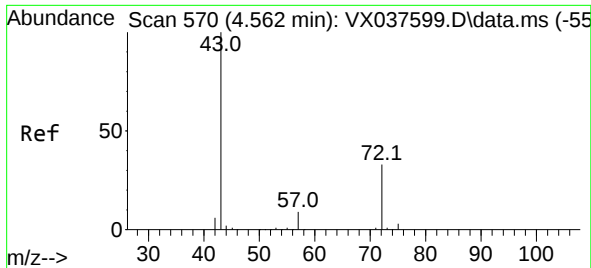


#24
 1,1-Dichloroethane
 Concen: 23.131 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037712.D
 Acq: 14 Sep 2023 04:35



Tgt Ion: 63 Resp: 78294
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.9 2.1 6.5





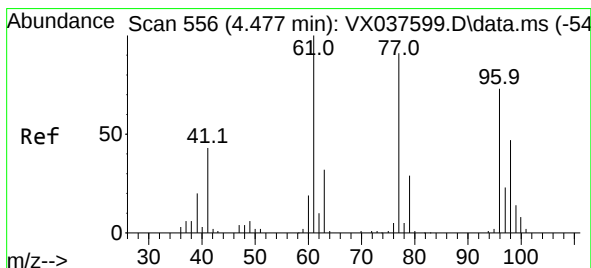
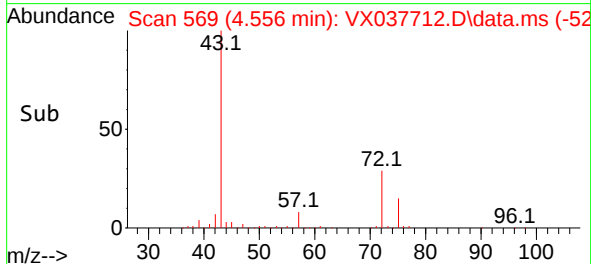
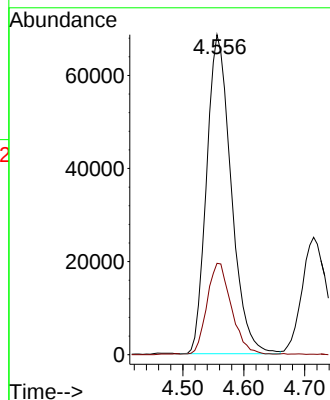
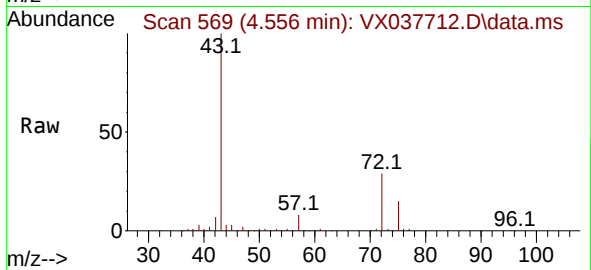
#25
2-Butanone
Concen: 121.680 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 43 Resp: 19198
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

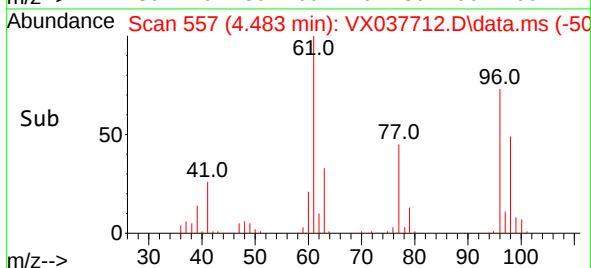
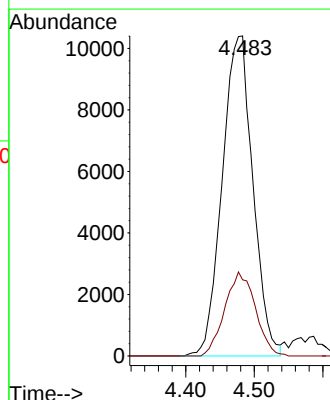
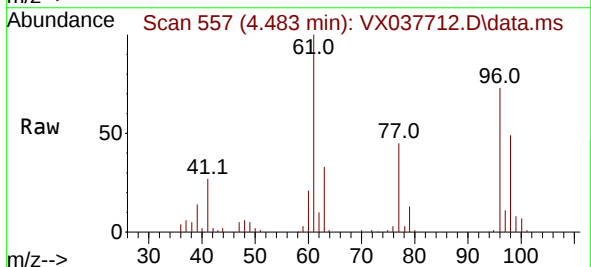
Manual Integrations
APPROVED

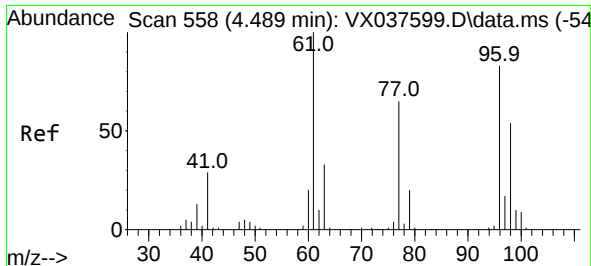
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#26
2,2-Dichloropropane
Concen: 13.750 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

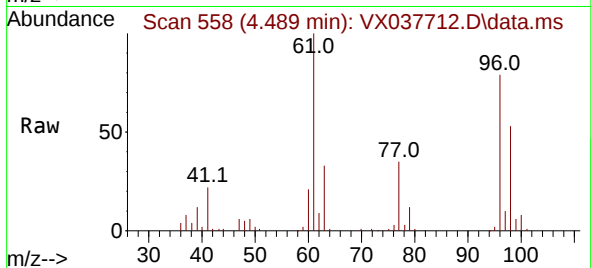
Tgt Ion: 77 Resp: 32374
Ion Ratio Lower Upper
77 100
97 26.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 23.684 ug/l
 RT: 4.489 min Scan# 50572
 Delta R.T. -0.000 min
 Lab File: VX037712.D
 Acq: 14 Sep 2023 04:35

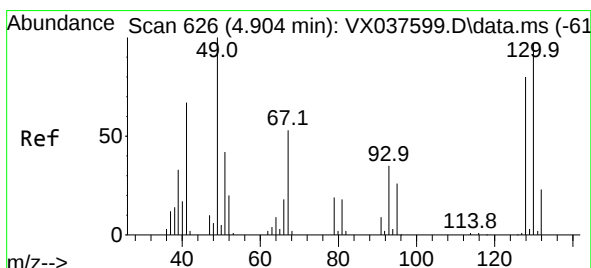
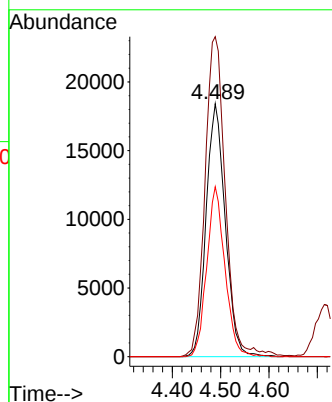
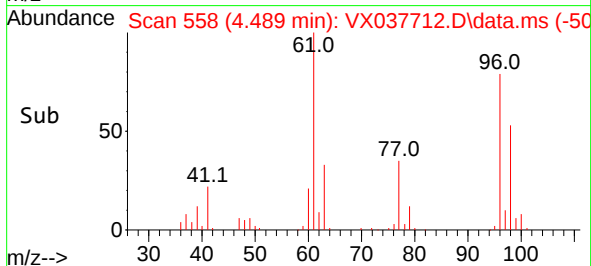
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD02



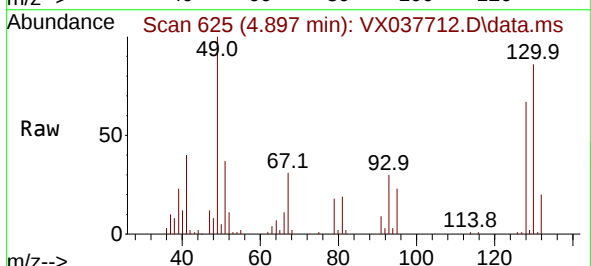
Tgt Ion: 96 Resp: 50572
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 312.2
 98 64.1 0.0 129.0

Manual Integrations
 APPROVED

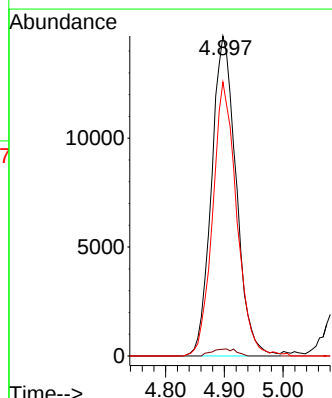
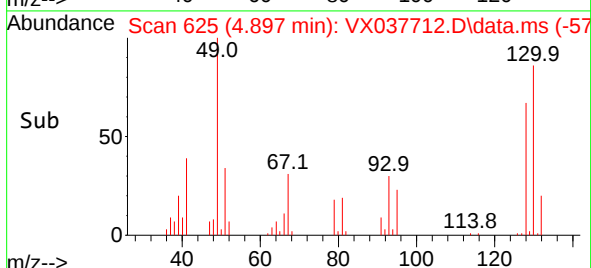
Reviewed By :John Carlone 09/14/2023
 Supervised By :Mahesh Dadoda 09/14/2023

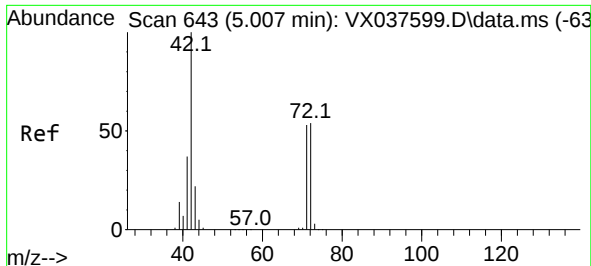


#28
 Bromochloromethane
 Concen: 25.018 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037712.D
 Acq: 14 Sep 2023 04:35



Tgt Ion: 49 Resp: 42782
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 83.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 124.169 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 42 Resp: 124750

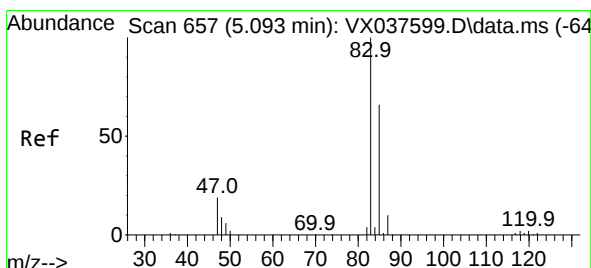
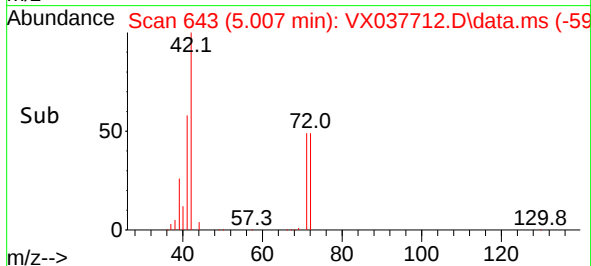
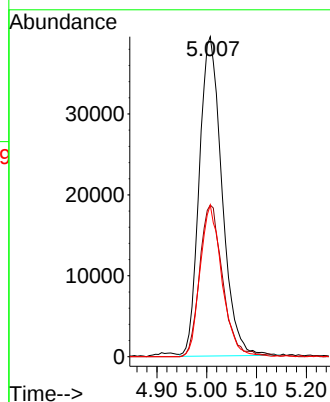
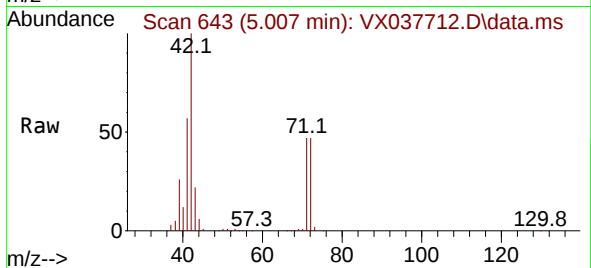
Ion	Ratio	Lower	Upper
42	100		
72	48.5	34.2	51.4
71	45.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#30

Chloroform

Concen: 23.896 ug/l

RT: 5.092 min Scan# 657

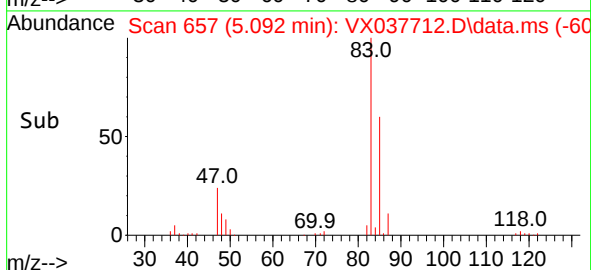
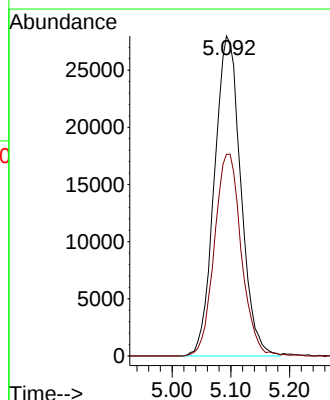
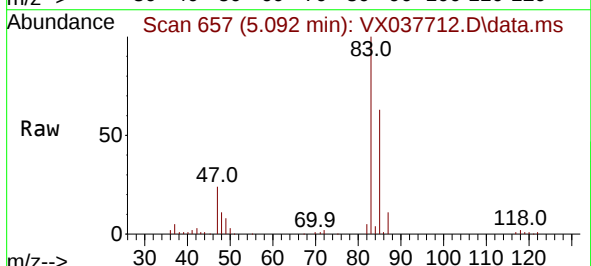
Delta R.T. -0.000 min

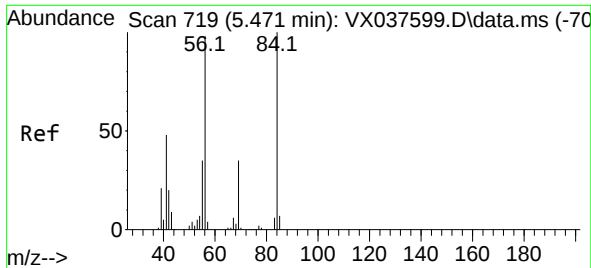
Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion: 83 Resp: 87349

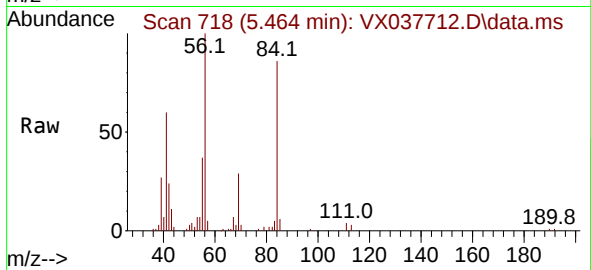
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.3	75.5





#31
Cyclohexane
Concen: 14.333 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

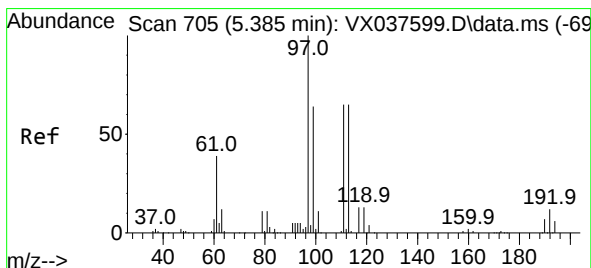
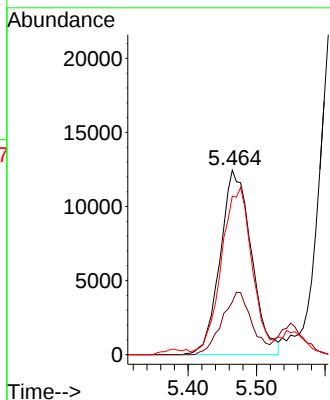
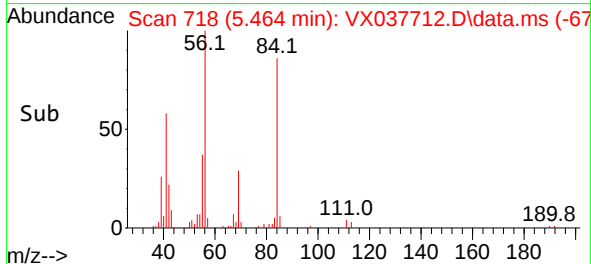
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



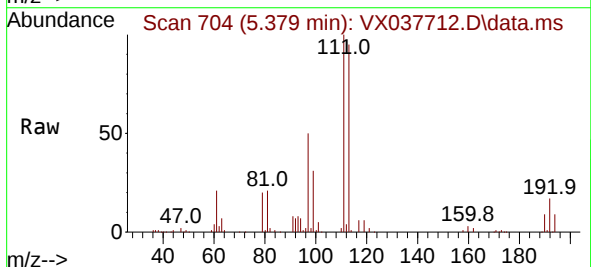
Tgt Ion: 56 Resp: 39504
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 83.6 65.9 98.9

Manual Integrations
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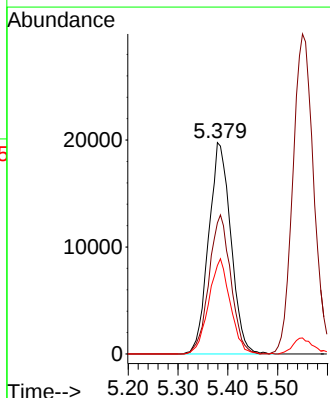
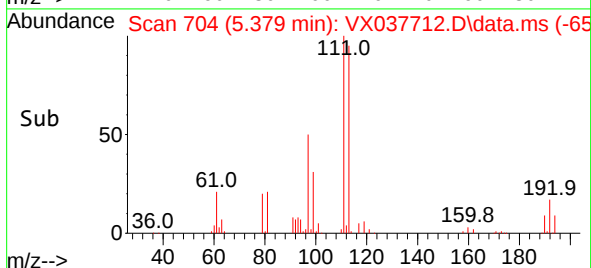
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

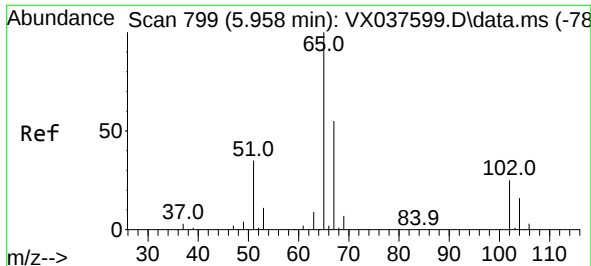


#32
1,1,1-Trichloroethane
Concen: 20.122 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35



Tgt Ion: 97 Resp: 61219
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 62.511 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 65 Resp: 14961

Ion Ratio Lower Upper

65 100

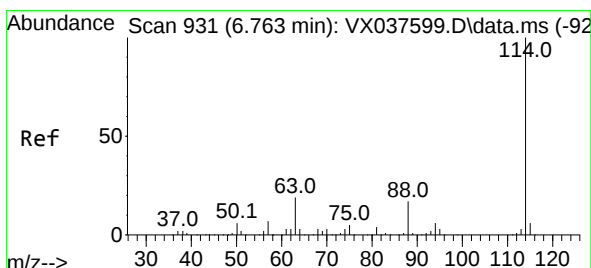
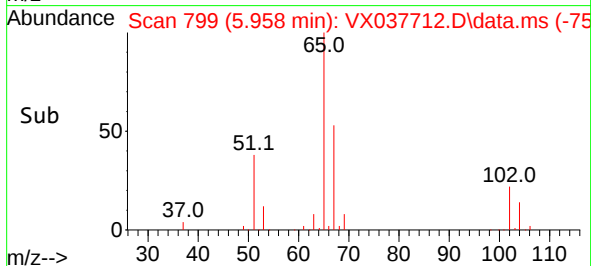
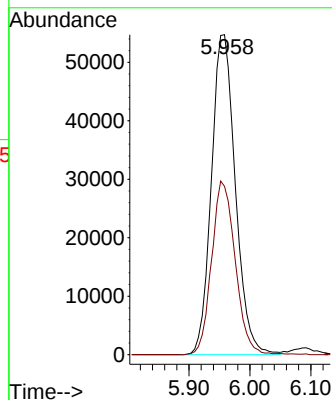
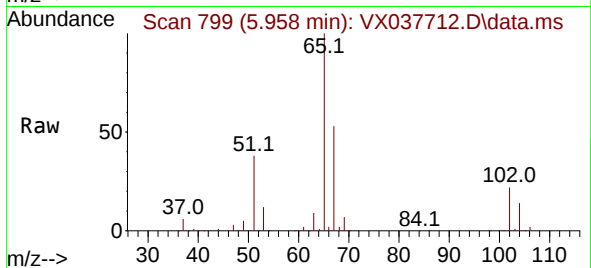
67 53.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

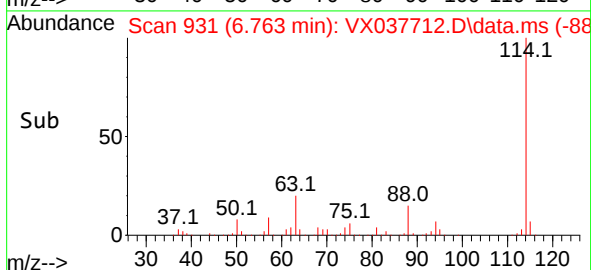
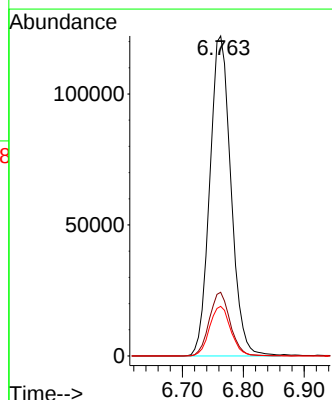
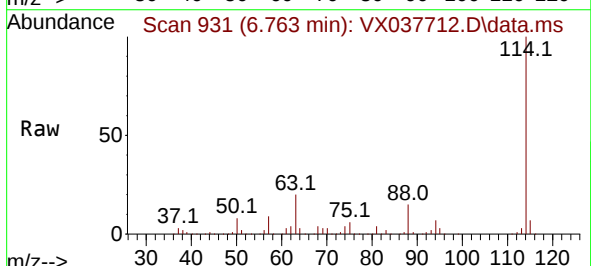
Tgt Ion:114 Resp: 294713

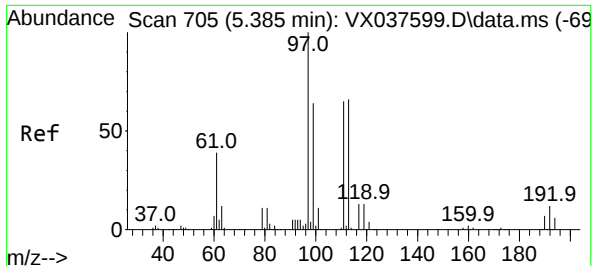
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

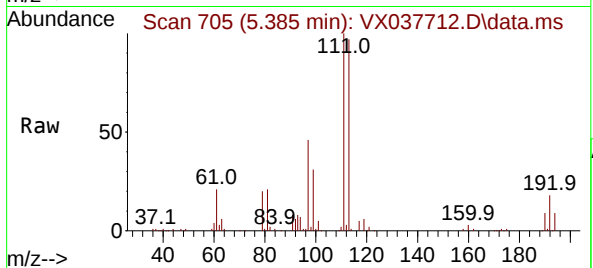
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 56.782 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

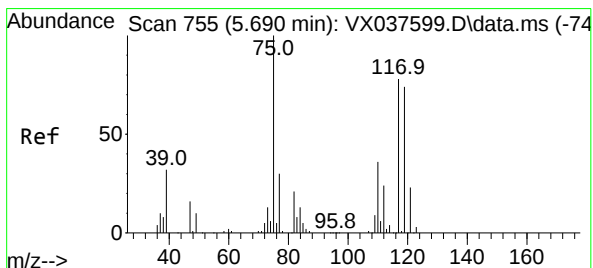
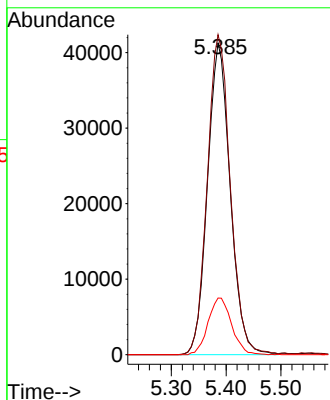
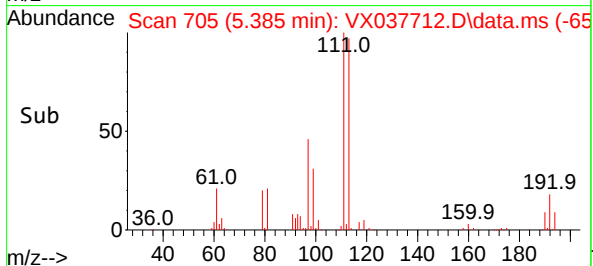
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 113 Resp: 11861
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.8 13.3 19.9

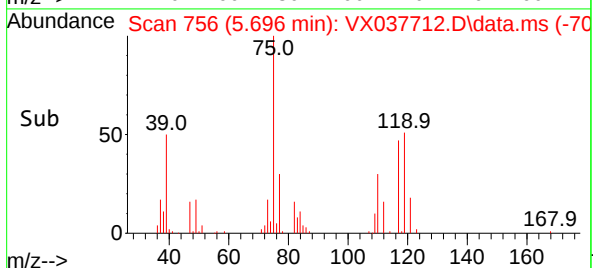
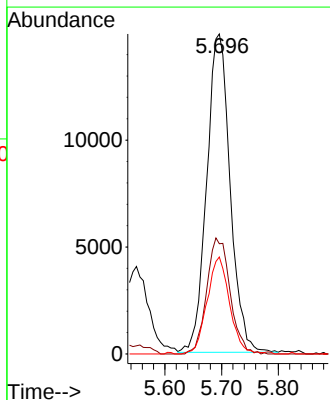
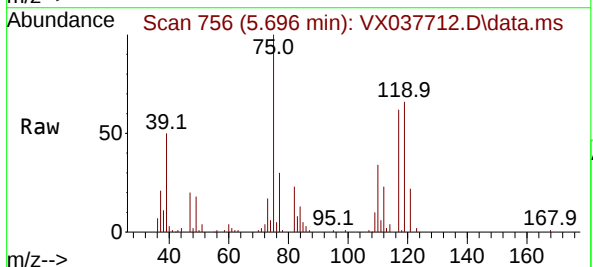
Manual Integrations
APPROVED

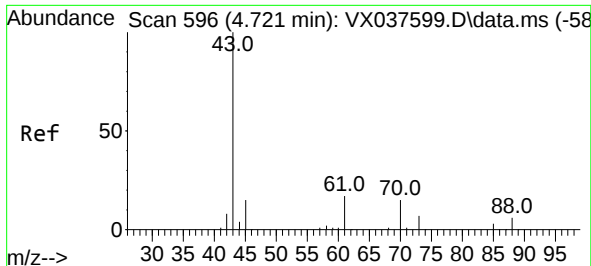
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#36
1,1-Dichloropropene
Concen: 15.063 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 75 Resp: 42805
Ion Ratio Lower Upper
75 100
110 36.4 17.0 50.9
77 29.2 24.7 37.1





#37

Ethyl Acetate

Concen: 22.291 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 43 Resp: 7248

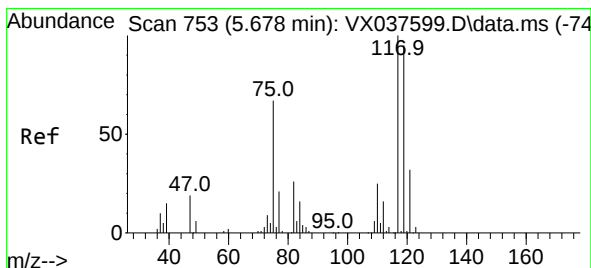
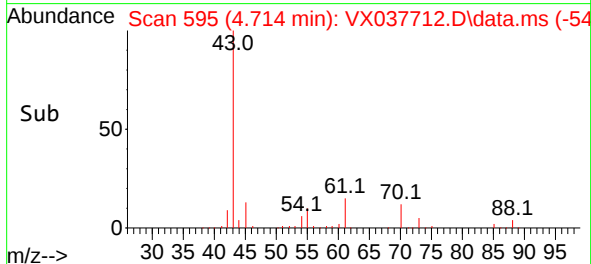
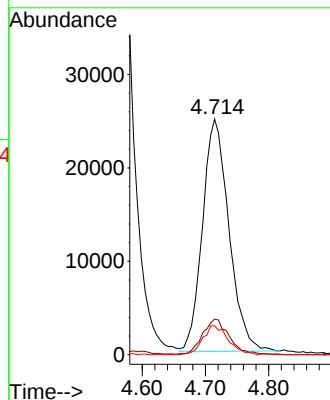
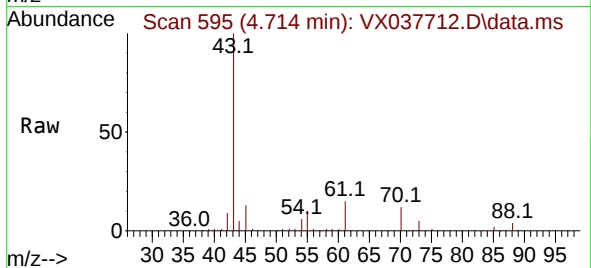
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	16.0
70	11.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#38

Carbon Tetrachloride

Concen: 15.197 ug/l

RT: 5.678 min Scan# 753

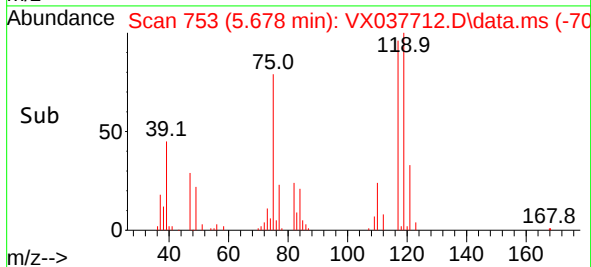
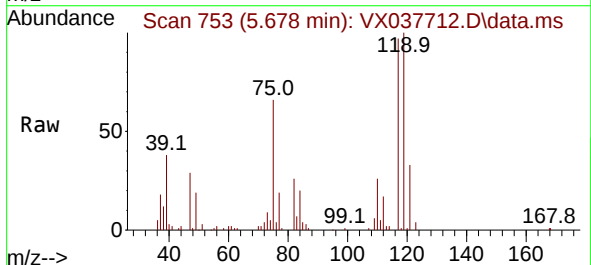
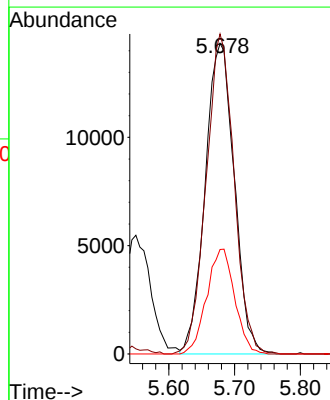
Delta R.T. -0.000 min

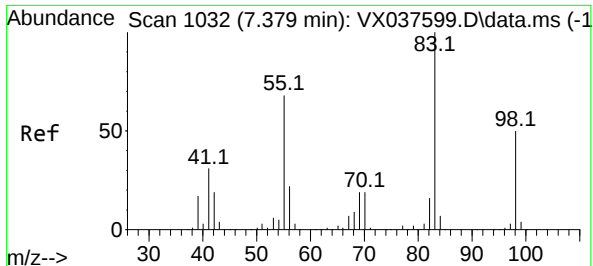
Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion:117 Resp: 44120

Ion	Ratio	Lower	Upper
117	100		
119	103.0	78.2	117.2
121	33.6	24.4	36.6





#39

Methylcyclohexane

Concen: 12.013 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 83 Resp: 4039

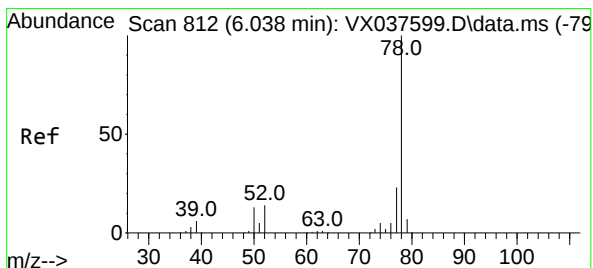
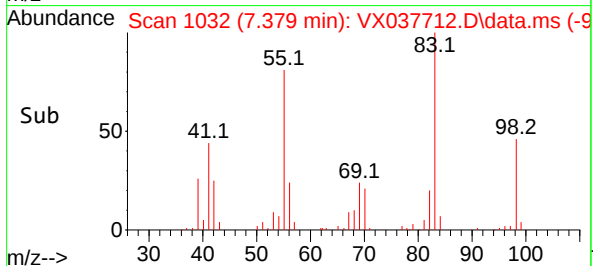
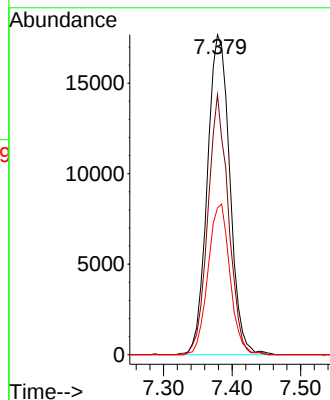
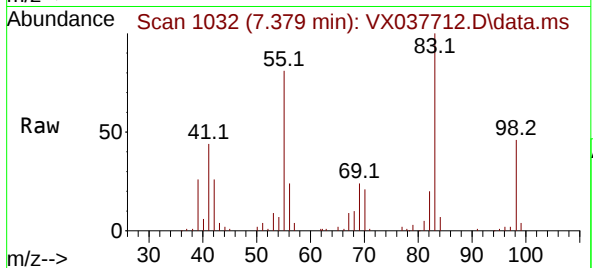
Ion	Ratio	Lower	Upper
83	100		
55	81.3	64.6	97.0
98	45.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#40

Benzene

Concen: 20.064 ug/l

RT: 6.037 min Scan# 812

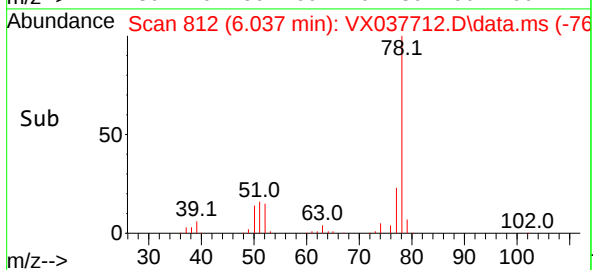
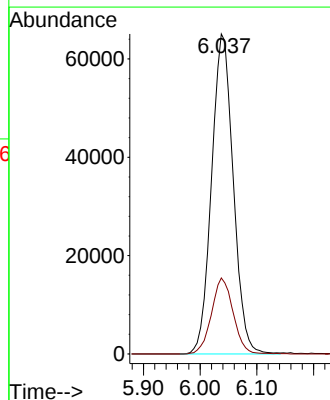
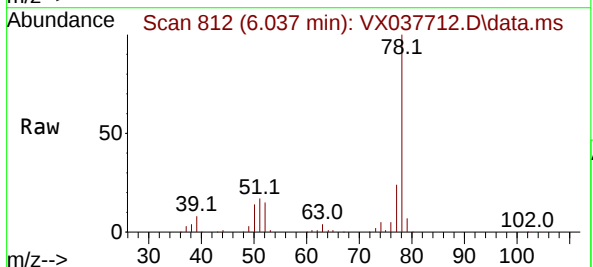
Delta R.T. -0.000 min

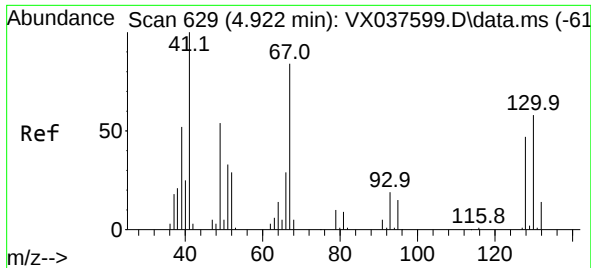
Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion: 78 Resp: 172854

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





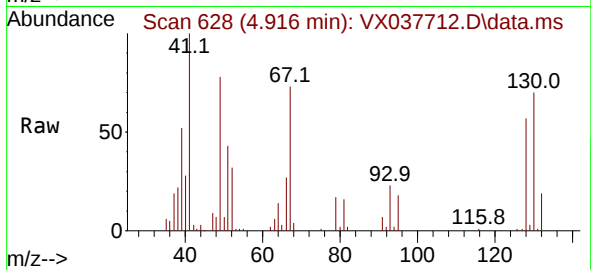
#41
Methacrylonitrile
Concen: 21.993 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02



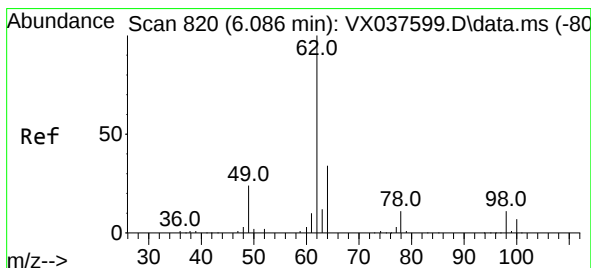
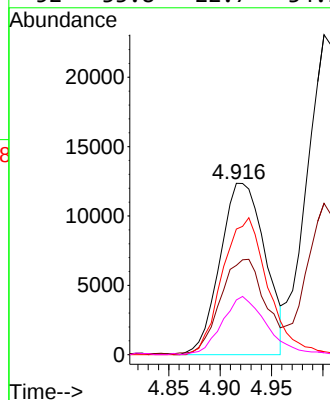
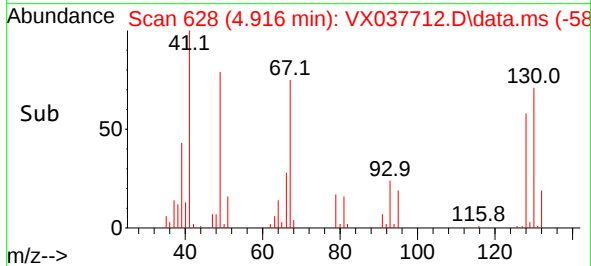
Tgt Ion: 41 Resp: 3766
Ion Ratio Lower Upper
41 100
39 54.5 45.2 67.8
67 80.7 52.6 78.8
52 33.8 22.7 34.1

Manual Integrations

APPROVED

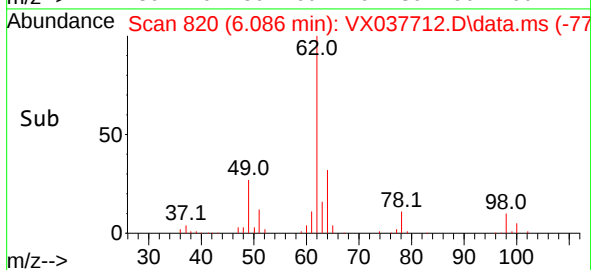
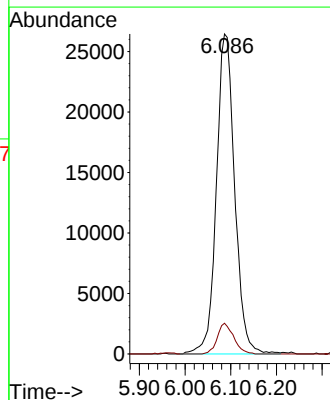
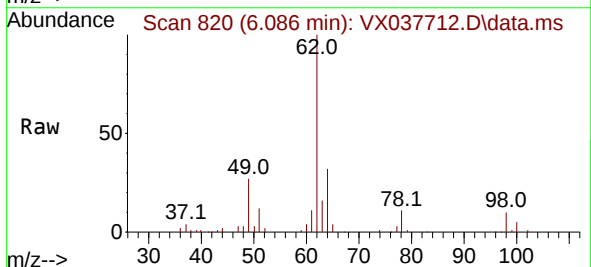
Reviewed By :John Carlone 09/14/2023

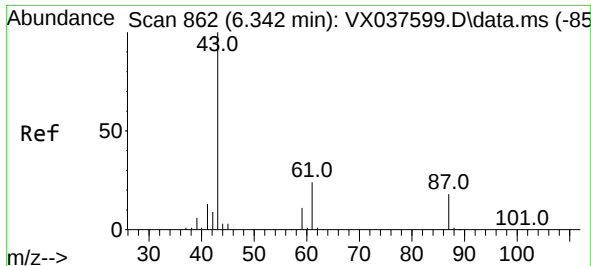
Supervised By :Mahesh Dadoda 09/14/2023



#42
1,2-Dichloroethane
Concen: 21.867 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

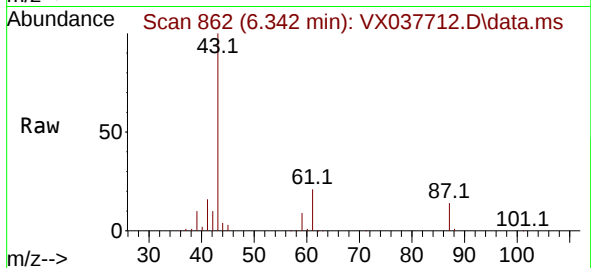
Tgt Ion: 62 Resp: 73629
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 22.493 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

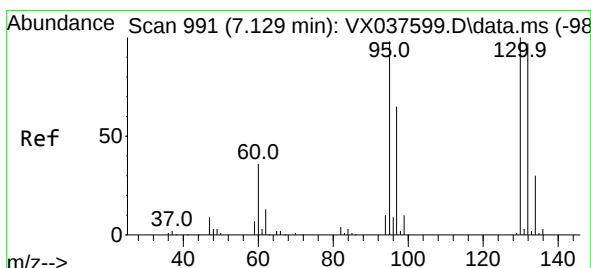
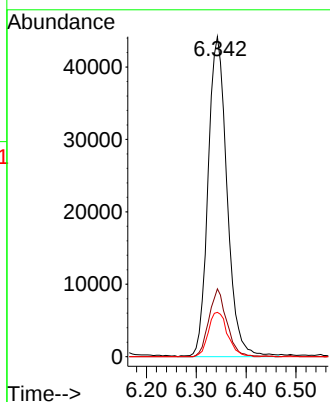
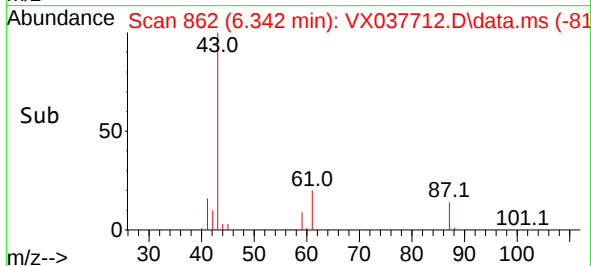
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 43 Resp: 116680
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 14.1 9.8 14.6

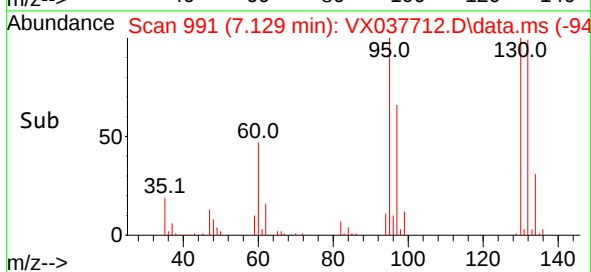
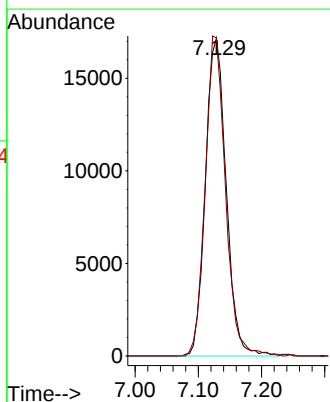
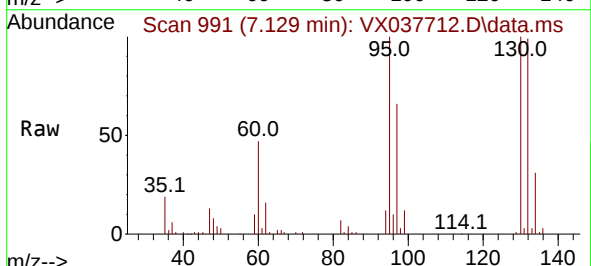
Manual Integrations
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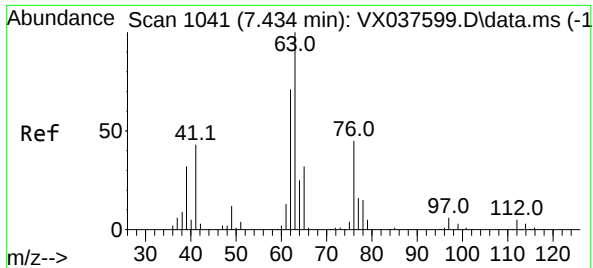
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#44
Trichloroethene
Concen: 18.144 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion:130 Resp: 39054
Ion Ratio Lower Upper
130 100
95 100.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 21.548 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 63 Resp: 48990

Ion Ratio Lower Upper

63 100

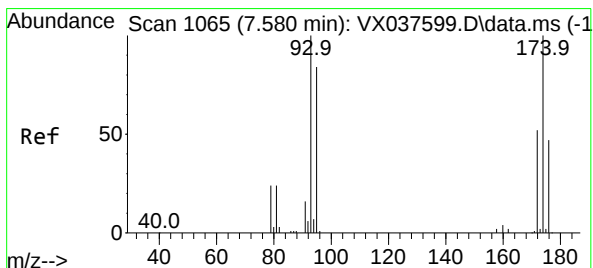
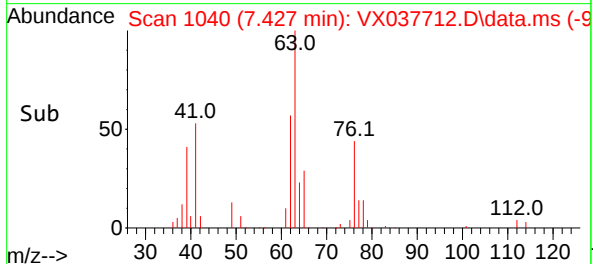
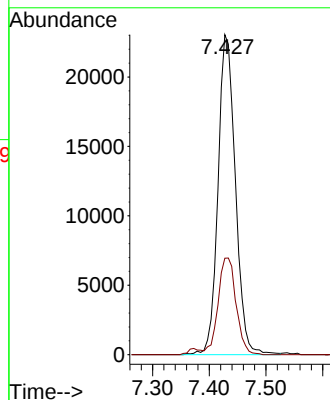
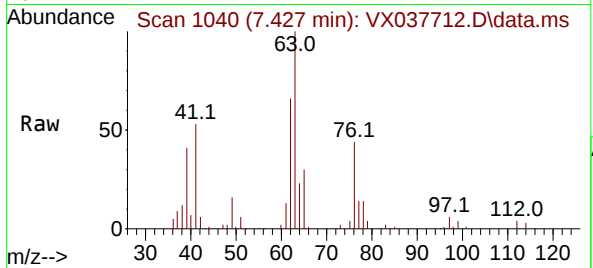
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#46

Dibromomethane

Concen: 22.645 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

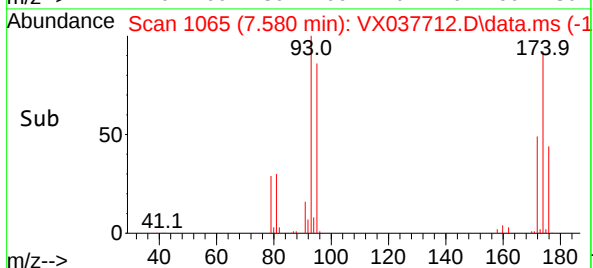
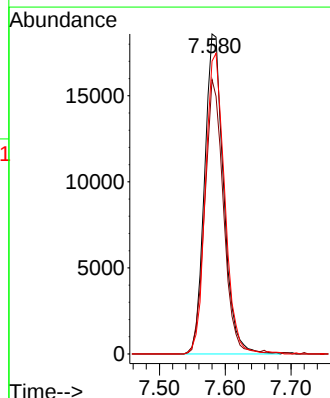
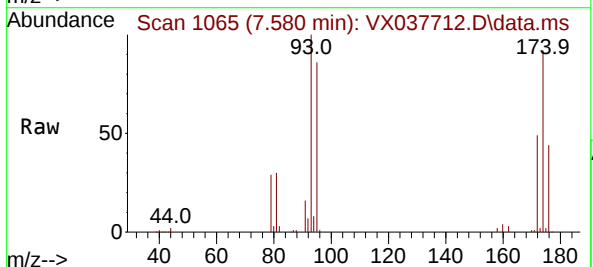
Tgt Ion: 93 Resp: 37456

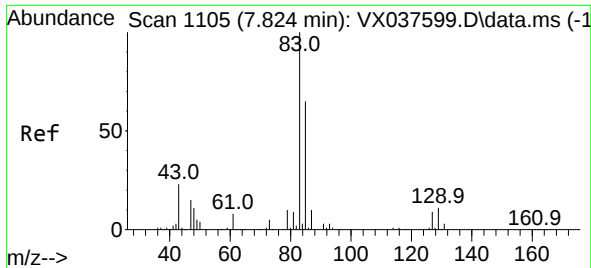
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 94.6 69.4 104.0





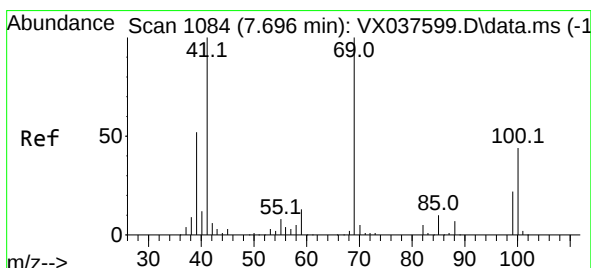
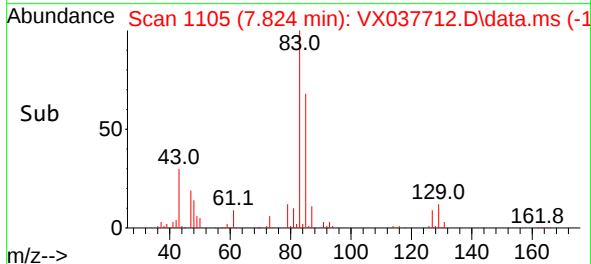
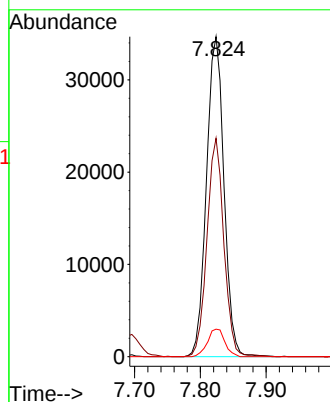
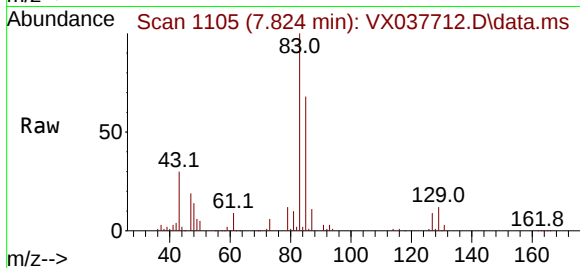
#47
Bromodichloromethane
Concen: 21.483 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 83 Resp: 6414
Ion Ratio Lower Upper
83 100
85 68.3 49.8 74.6
127 8.6 7.1 10.7

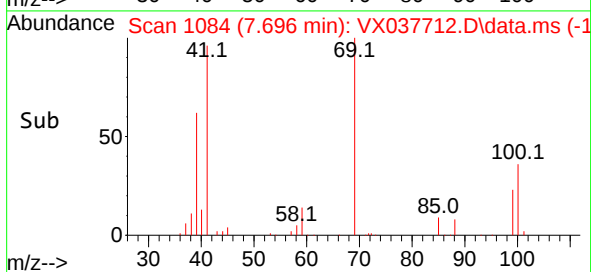
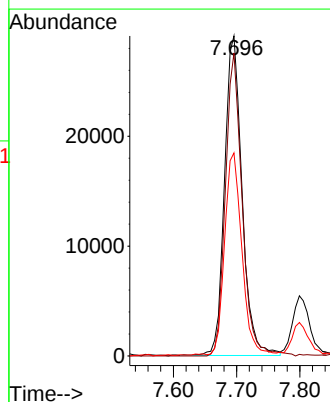
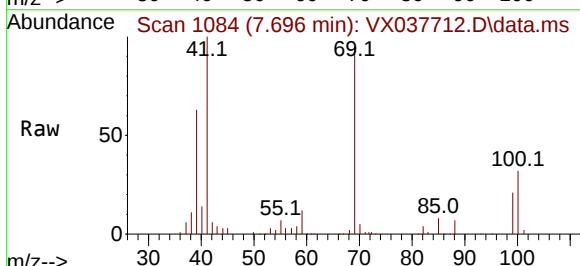
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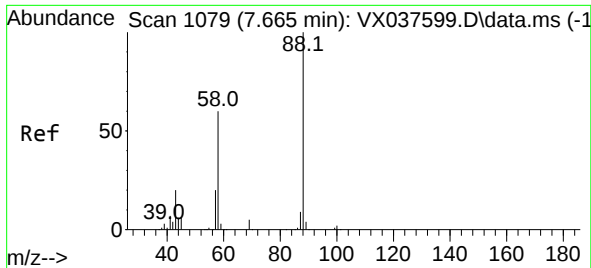
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#48
Methyl methacrylate
Concen: 22.248 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

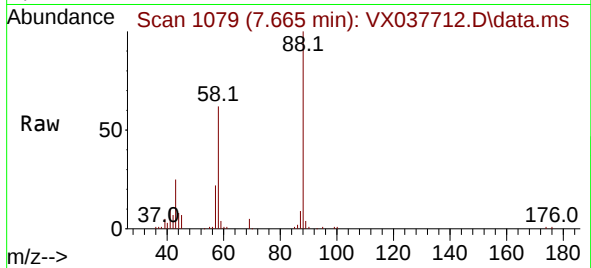
Tgt Ion: 41 Resp: 55790
Ion Ratio Lower Upper
41 100
69 90.7 59.2 88.8#
39 62.8 47.7 71.5





#49
1,4-Dioxane
Concen: 481.397 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

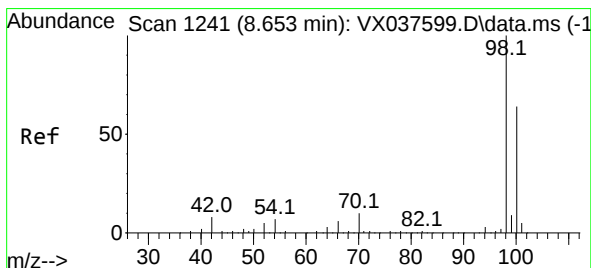
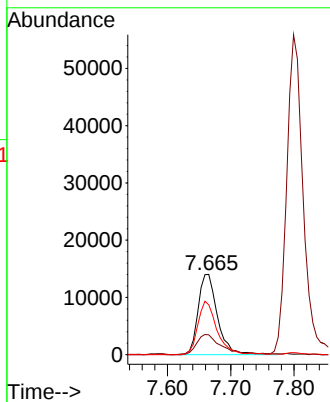
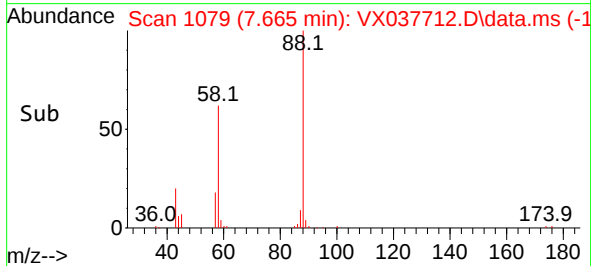
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 88 Resp: 29908
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0
58 65.7 60.1 90.1

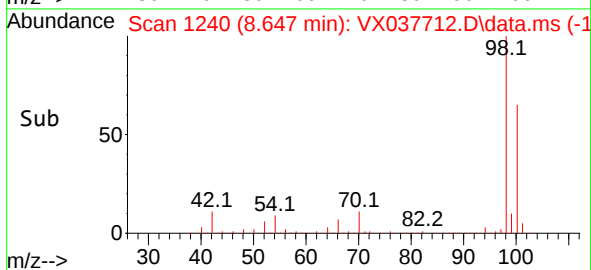
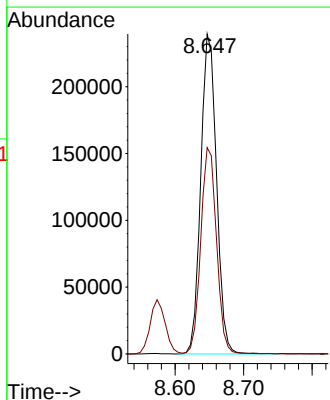
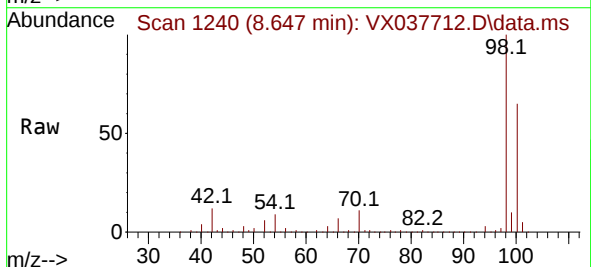
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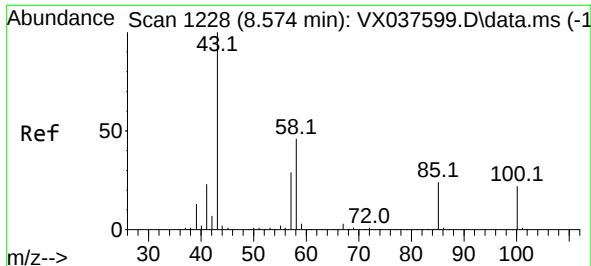
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#50
Toluene-d8
Concen: 48.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 98 Resp: 383872
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





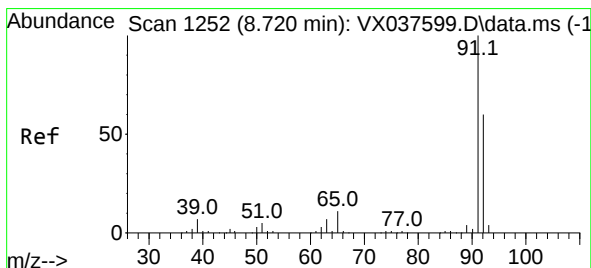
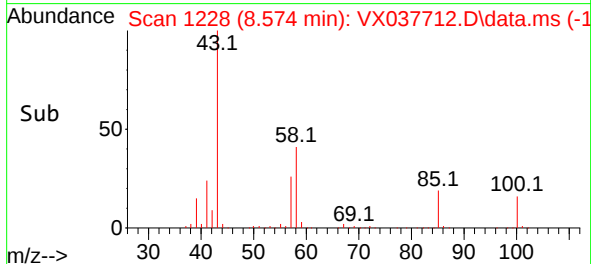
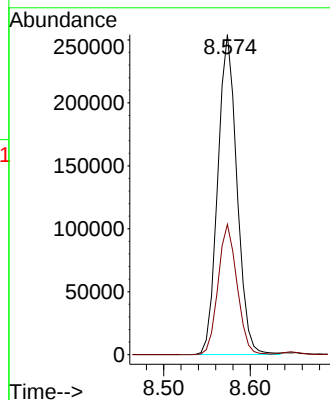
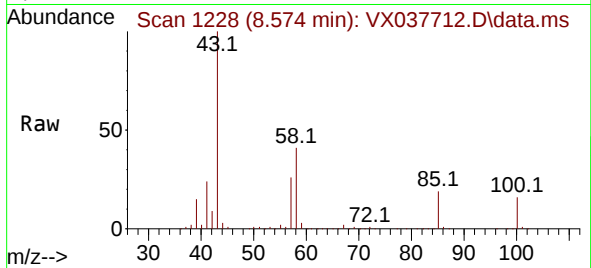
#51
4-Methyl-2-Pentanone
Concen: 114.922 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 43 Resp: 391458
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6

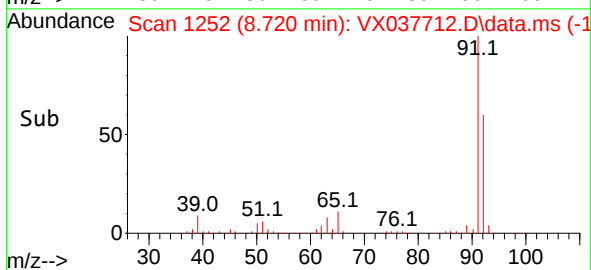
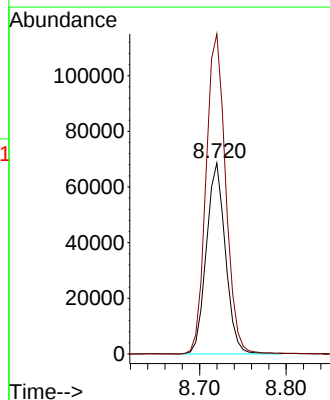
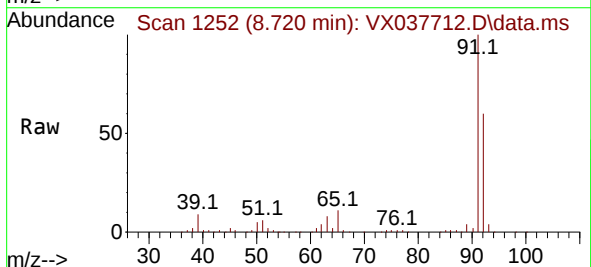
Manual Integrations
APPROVED

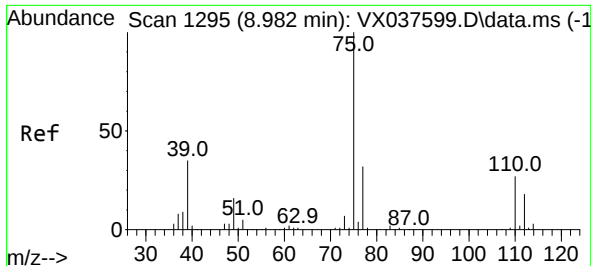
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#52
Toluene
Concen: 18.954 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 92 Resp: 104988
Ion Ratio Lower Upper
92 100
91 173.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.736 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 75 Resp: 59740

Ion Ratio Lower Upper

75 100

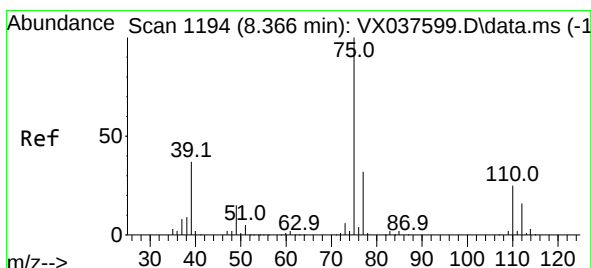
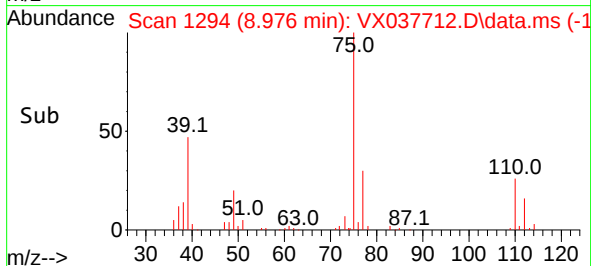
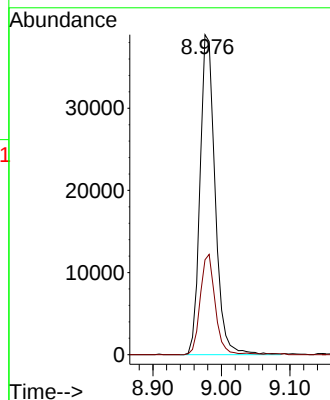
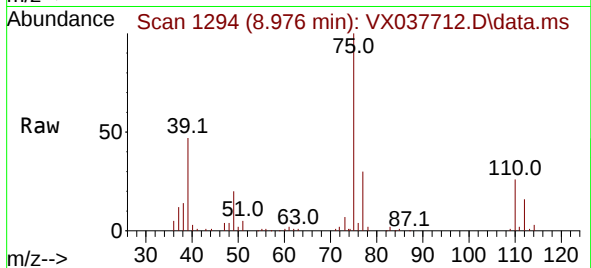
77 29.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#54

cis-1,3-Dichloropropene

Concen: 20.294 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

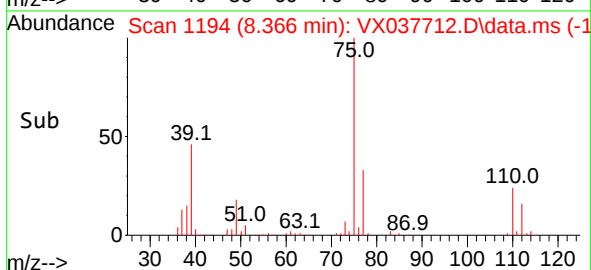
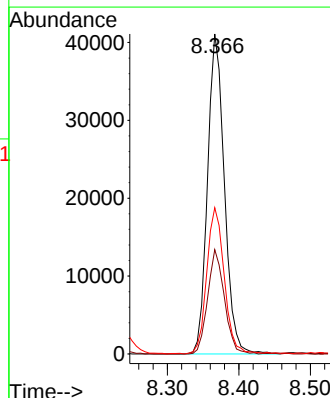
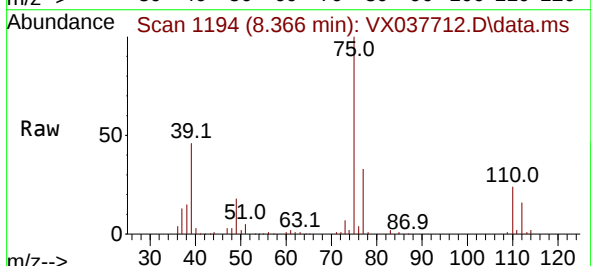
Tgt Ion: 75 Resp: 67411

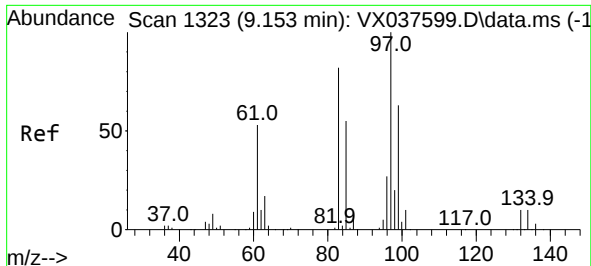
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

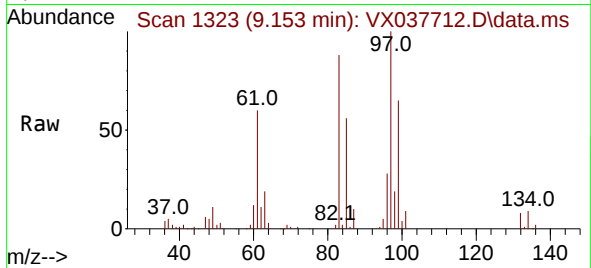
39 45.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 23.281 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

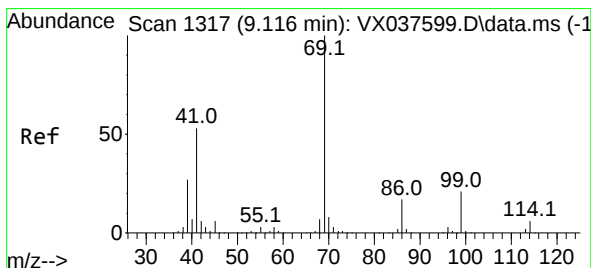
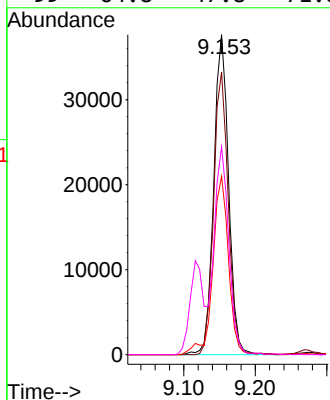
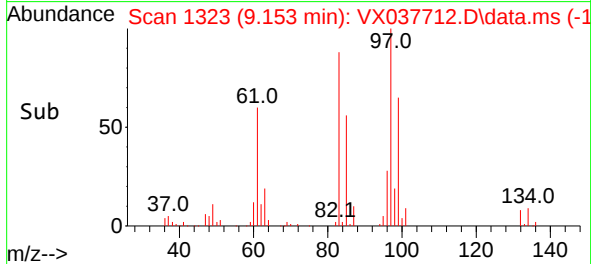
Instrument : MSVOA_X
ClientSampleId : VX0913WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	55.8	41.6	62.4
99	64.8	47.8	71.8

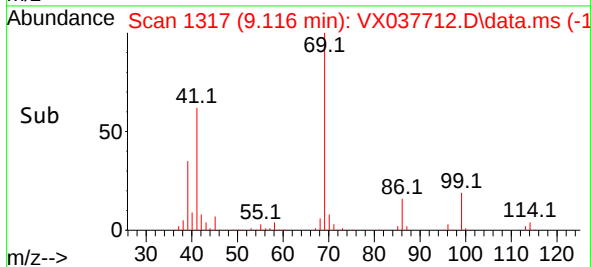
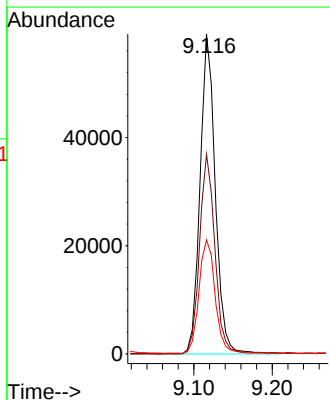
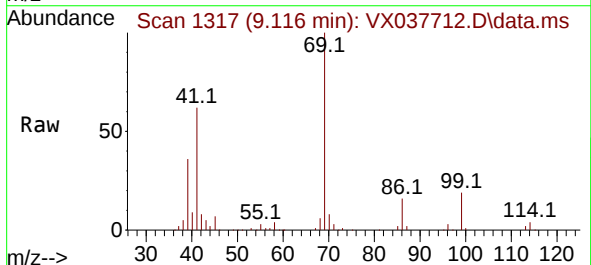
Manual Integrations
APPROVED

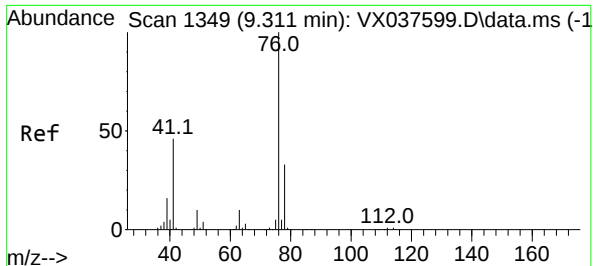
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#56
Ethyl methacrylate
Concen: 22.404 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	56.8	85.2
39	37.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 22.426 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 76 Resp: 87740

Ion Ratio Lower Upper

76 100

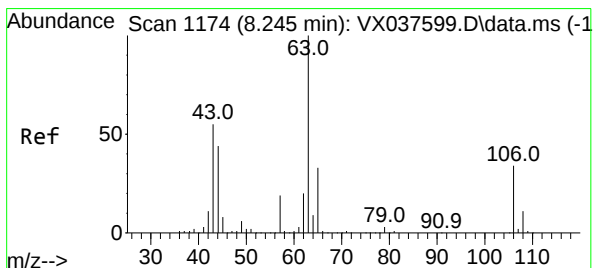
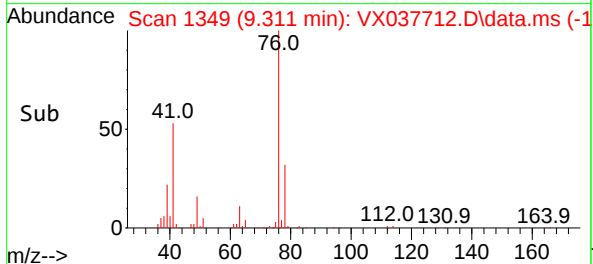
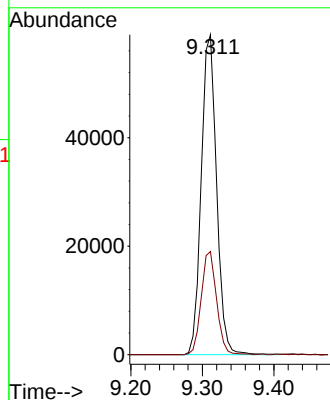
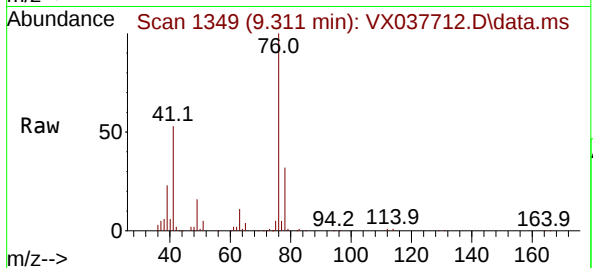
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.189 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037712.D

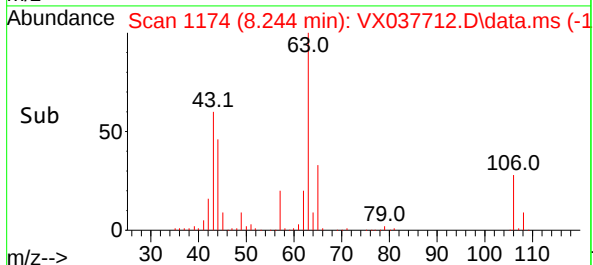
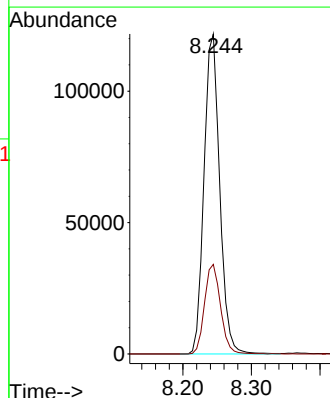
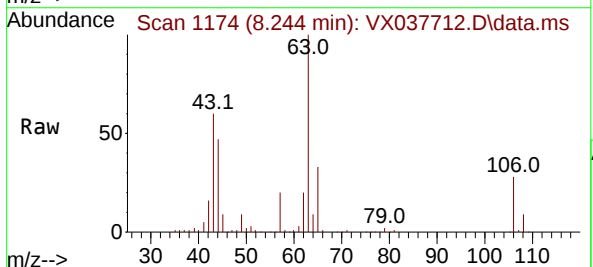
Acq: 14 Sep 2023 04:35

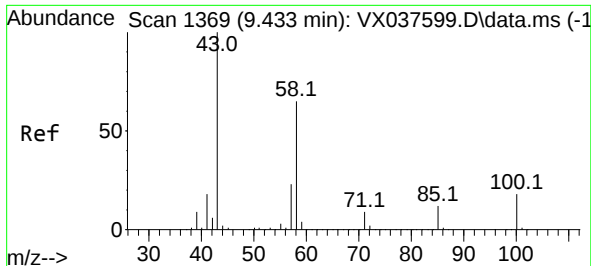
Tgt Ion: 63 Resp: 194127

Ion Ratio Lower Upper

63 100

106 28.5 22.5 33.7





#59

2-Hexanone

Concen: 113.661 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 43 Resp: 29884

Ion Ratio Lower Upper

43 100

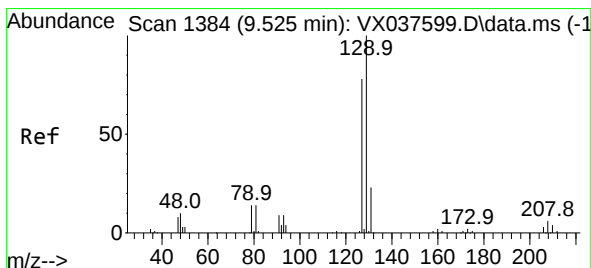
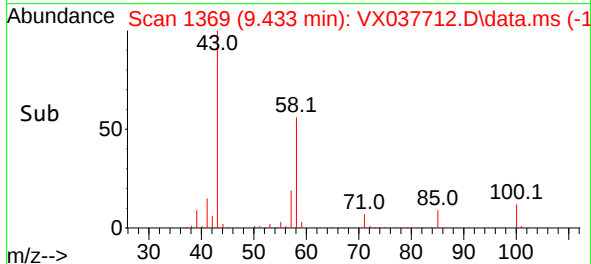
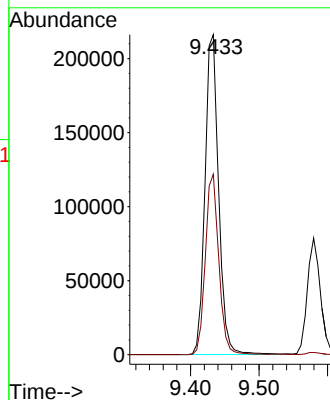
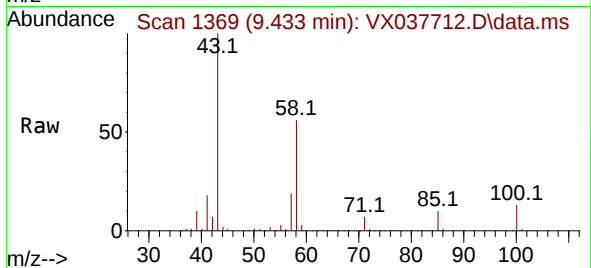
58 55.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#60

Dibromochloromethane

Concen: 21.958 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX037712.D

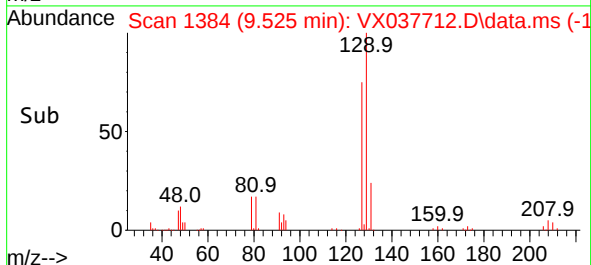
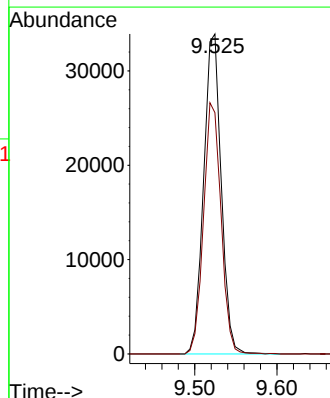
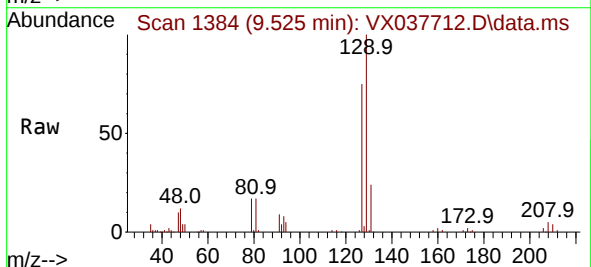
Acq: 14 Sep 2023 04:35

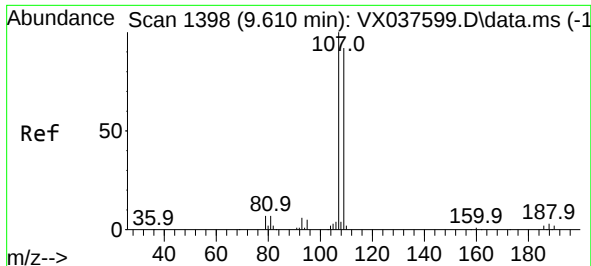
Tgt Ion:129 Resp: 50307

Ion Ratio Lower Upper

129 100

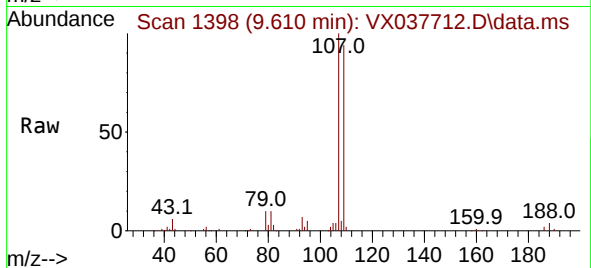
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.343 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

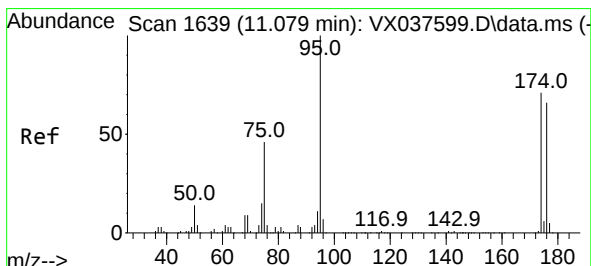
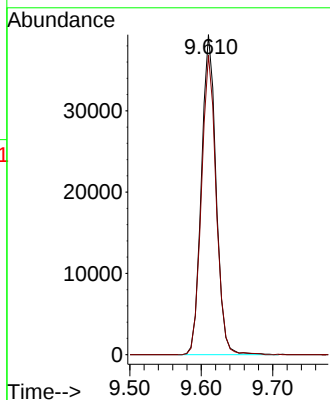
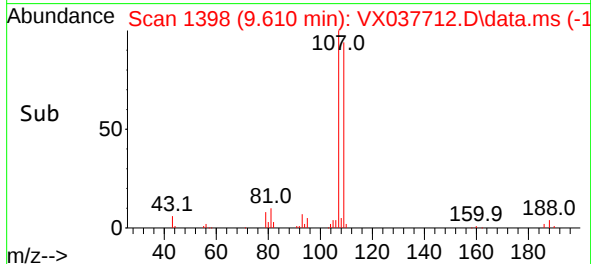
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



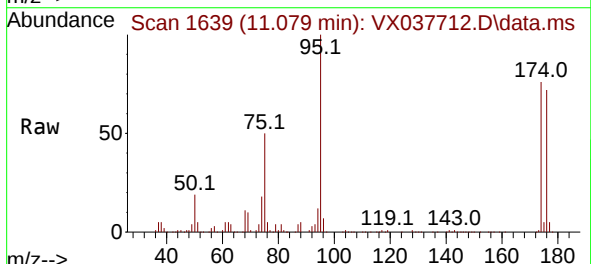
Tgt Ion:107 Resp: 5601
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

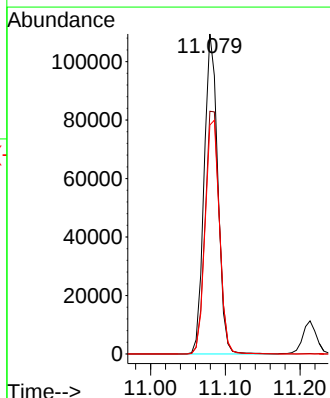
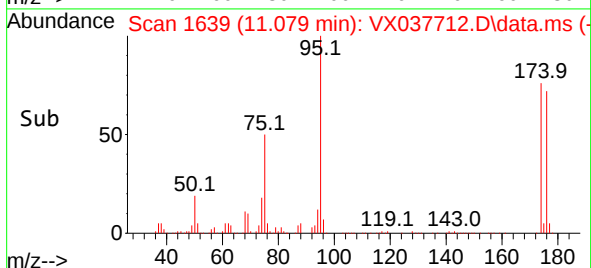
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023

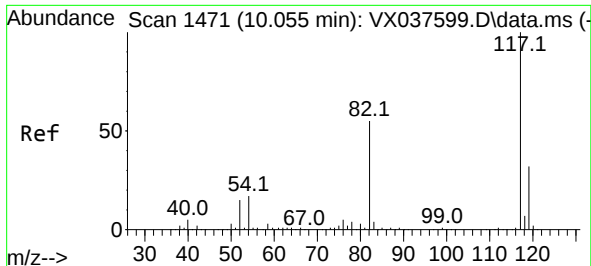


#62
4-Bromofluorobenzene
Concen: 48.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35



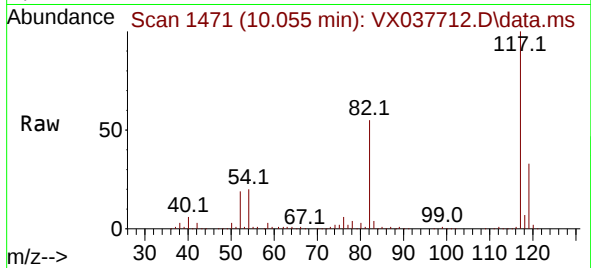
Tgt Ion: 95 Resp: 138971
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 76.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

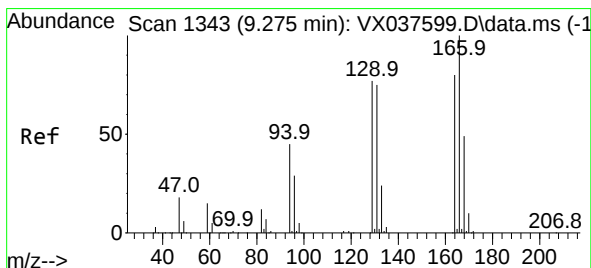
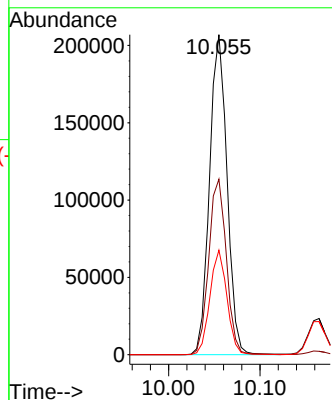
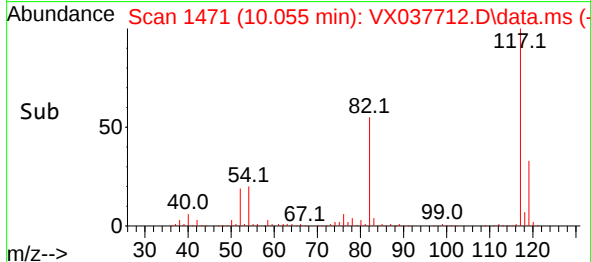
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion:117 Resp: 274714
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.6 25.5 38.3

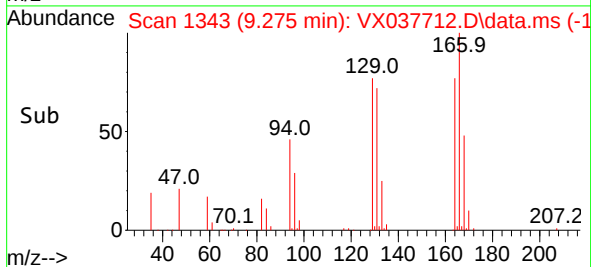
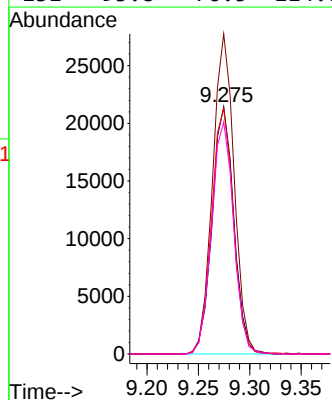
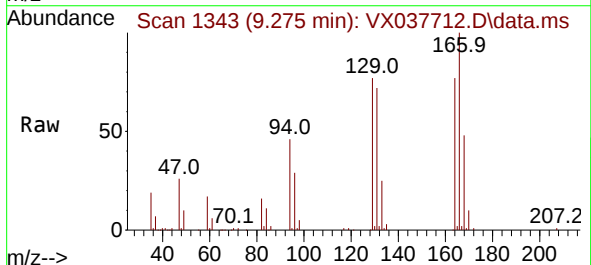
Manual Integrations
APPROVED

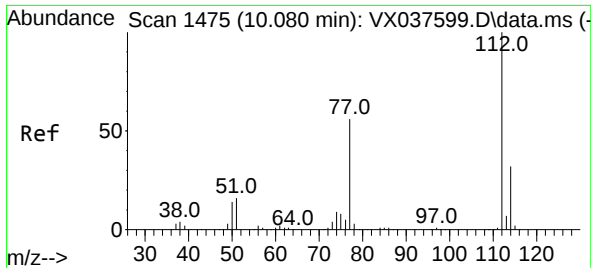
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#64
Tetrachloroethene
Concen: 17.612 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

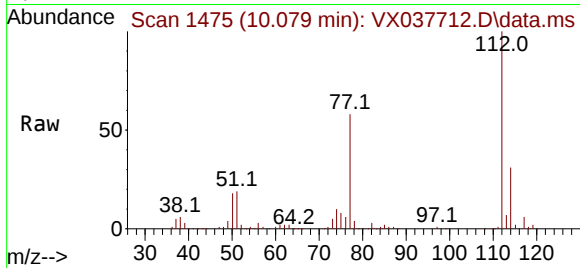
Tgt Ion:164 Resp: 31348
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 99.3 80.4 120.6
131 93.8 76.5 114.7





#65
Chlorobenzene
Concen: 19.582 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

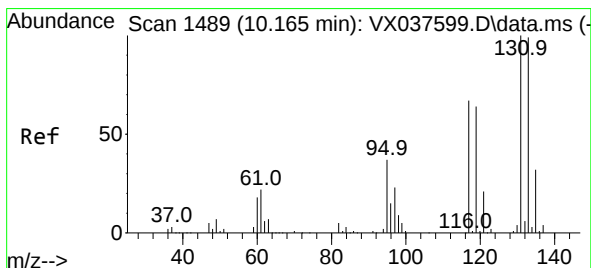
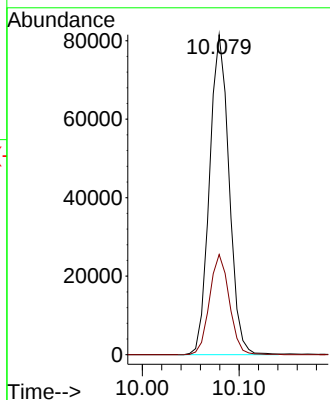
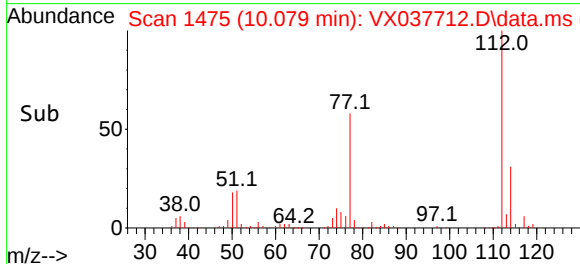
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion:112 Resp: 11465
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

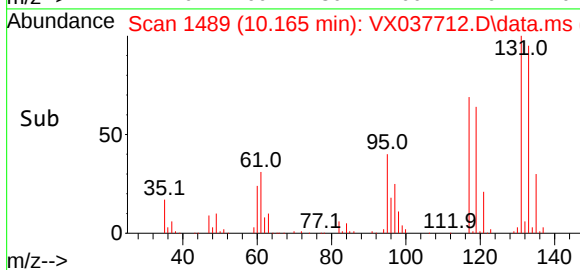
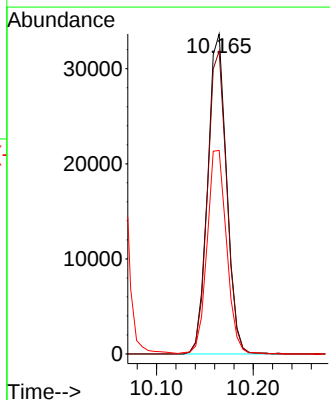
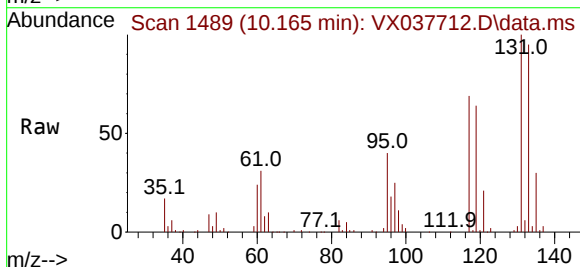
Manual Integrations
APPROVED

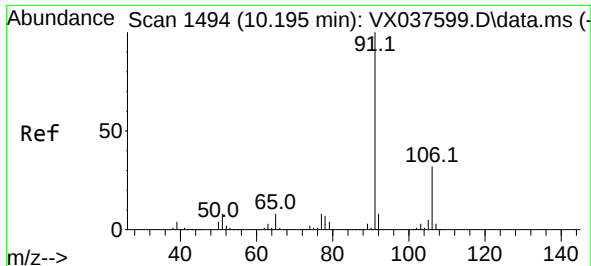
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.744 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion:131 Resp: 45898
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.5 32.2 96.6





#67

Ethyl Benzene

Concen: 17.716 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 91 Resp: 184604

Ion Ratio Lower Upper

91 100

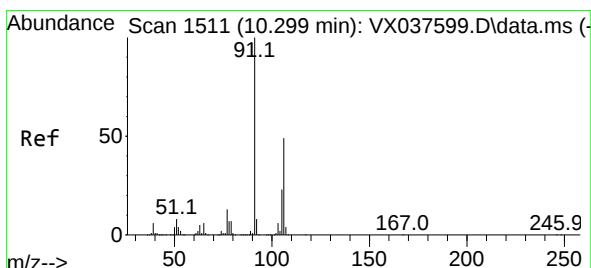
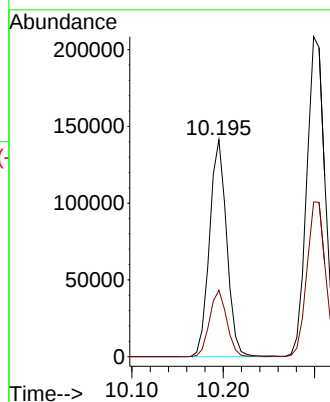
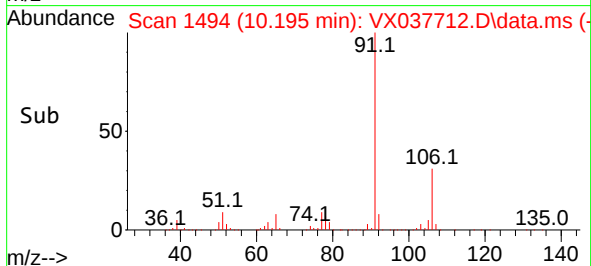
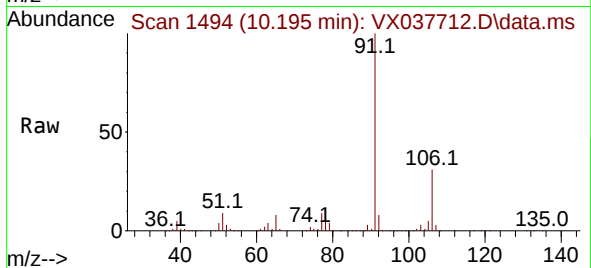
106 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#68

m/p-Xylenes

Concen: 36.117 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037712.D

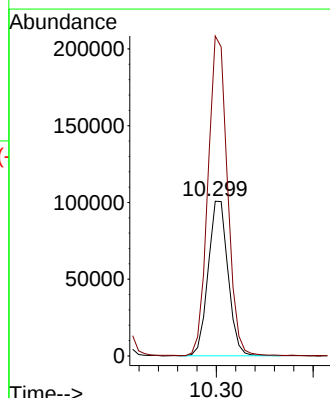
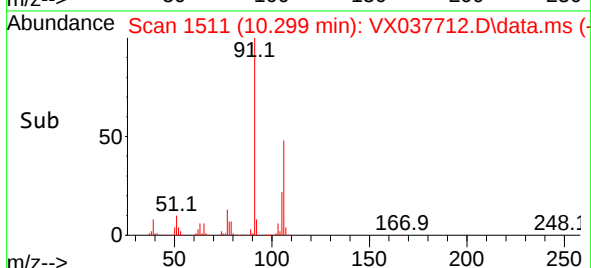
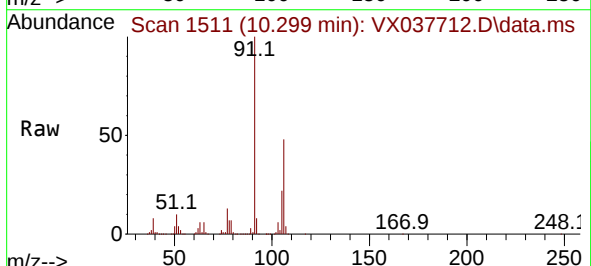
Acq: 14 Sep 2023 04:35

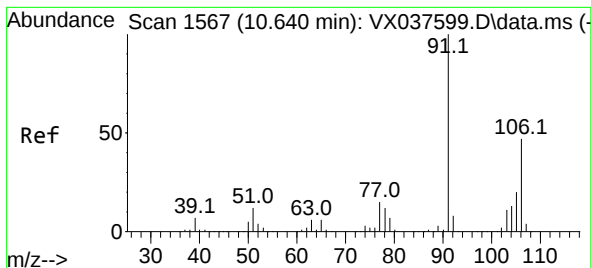
Tgt Ion:106 Resp: 143502

Ion Ratio Lower Upper

106 100

91 202.9 165.5 248.3





#69

o-Xylene

Concen: 19.491 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion:106 Resp: 7721

Ion Ratio Lower Upper

106 100

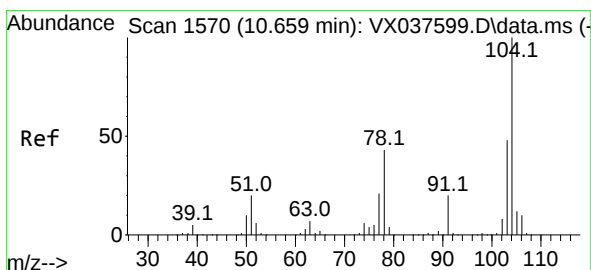
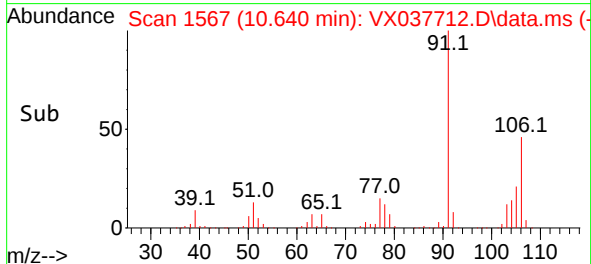
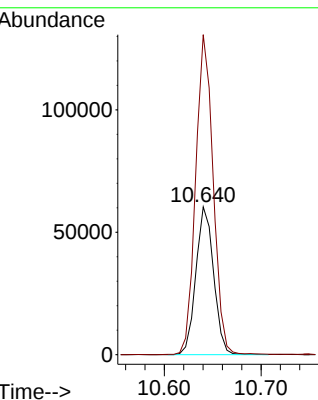
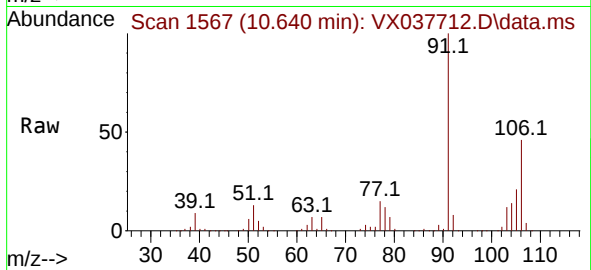
91 213.8 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#70

Styrene

Concen: 19.610 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

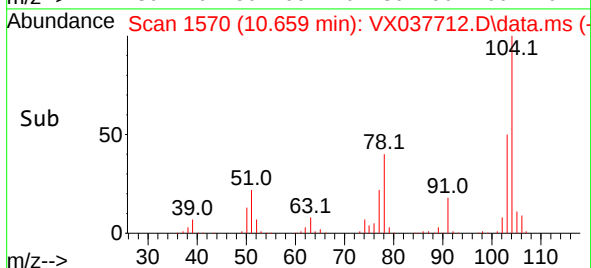
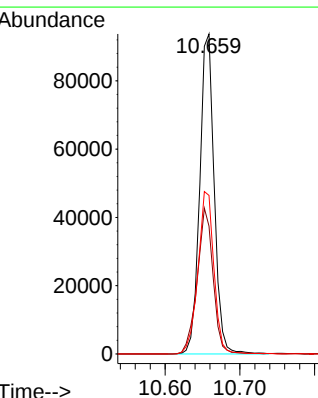
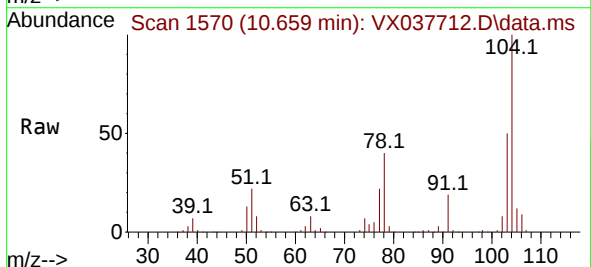
Tgt Ion:104 Resp: 126735

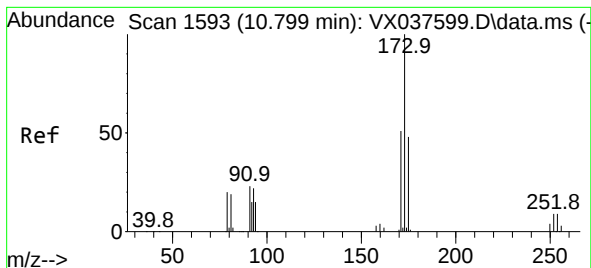
Ion Ratio Lower Upper

104 100

78 49.7 43.6 65.4

103 55.9 43.6 65.4





#71

Bromoform

Concen: 23.188 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

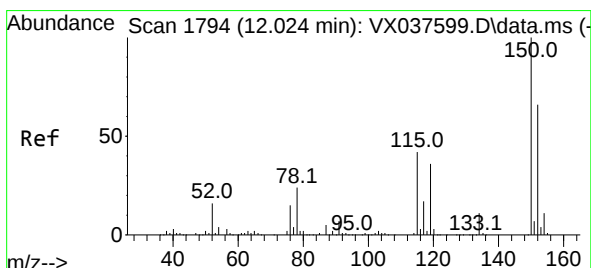
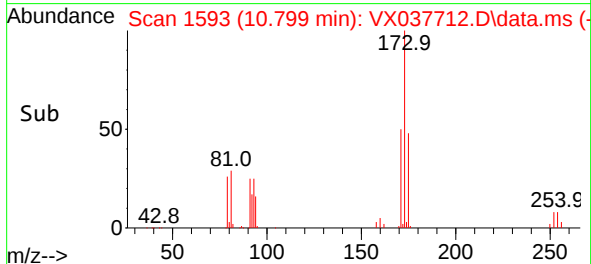
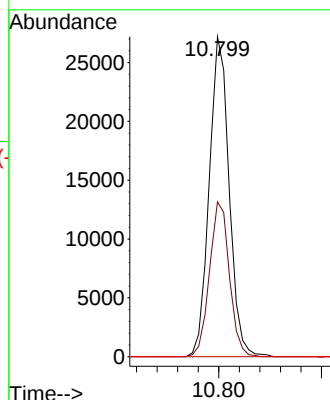
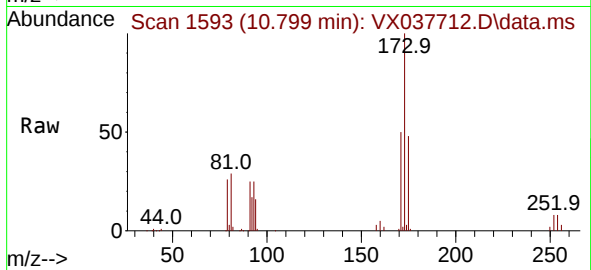
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

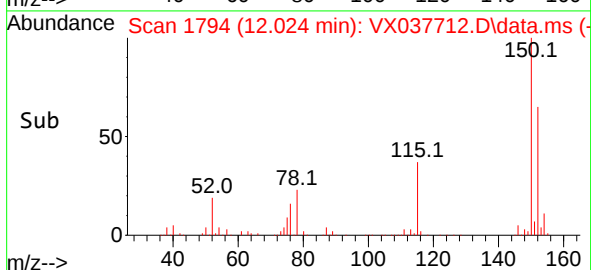
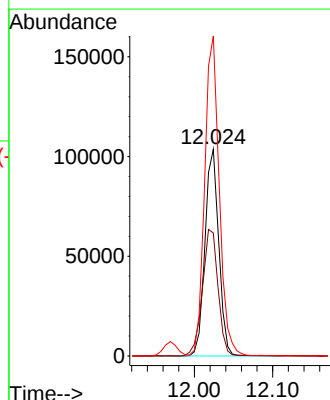
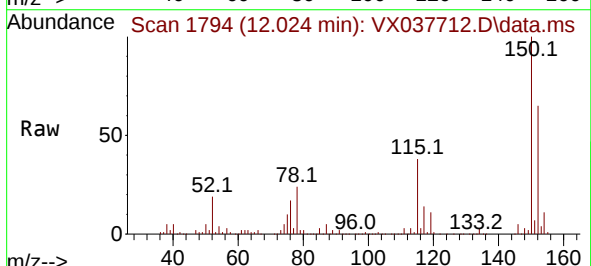
RT: 12.024 min Scan# 1794

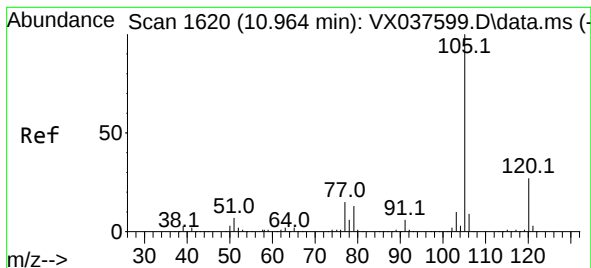
Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.5	43.3	129.9
150	163.3	0.0	345.0





#73

Isopropylbenzene

Concen: 18.324 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion:105 Resp: 17351

Ion Ratio Lower Upper

105 100

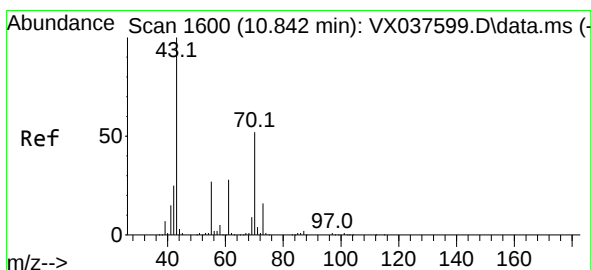
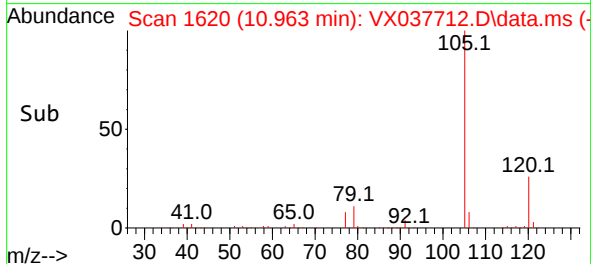
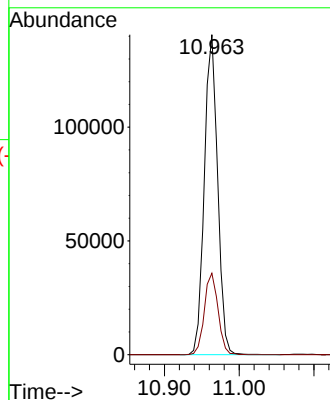
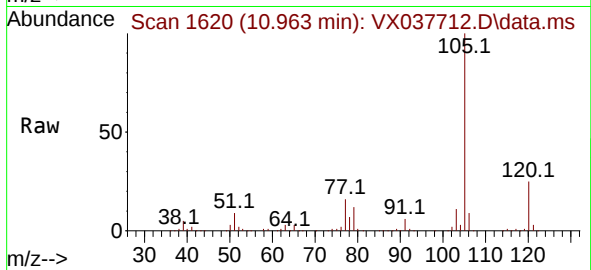
120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#74

N-ethyl acetate

Concen: 24.114 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion: 43 Resp: 99572

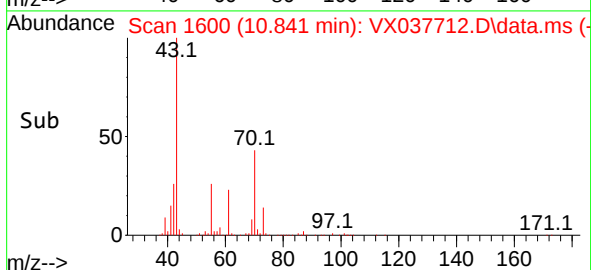
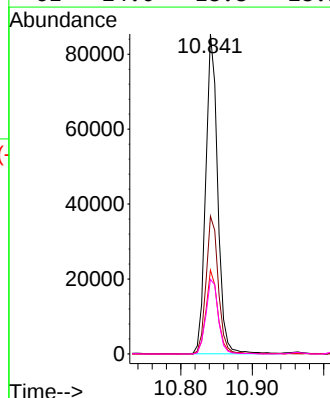
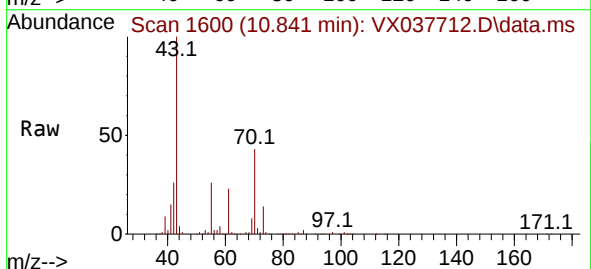
Ion Ratio Lower Upper

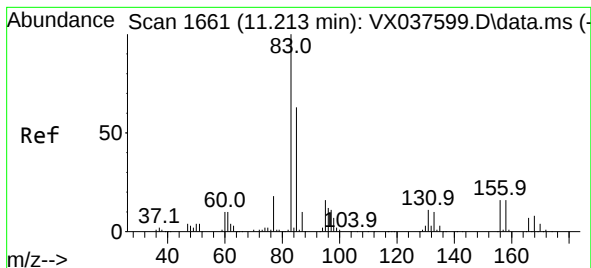
43 100

70 44.1 32.9 49.3

55 26.0 19.3 28.9

61 24.0 18.8 28.2





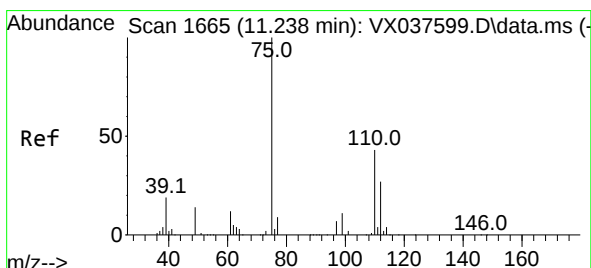
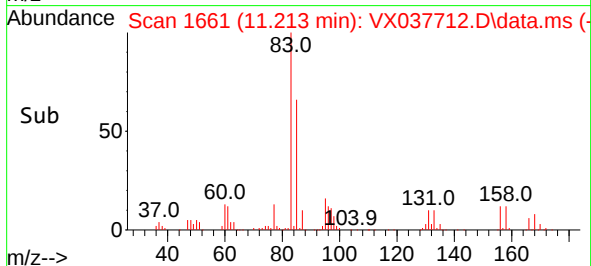
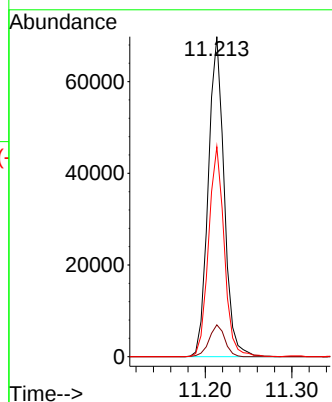
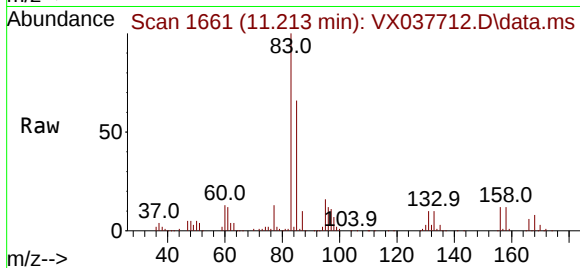
#75
1,1,2,2-Tetrachloroethane
Concen: 25.077 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 83 Resp: 88861
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.9 32.0 96.2

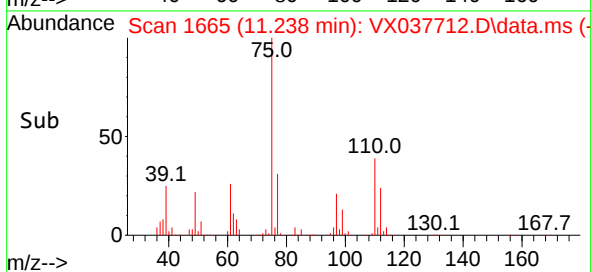
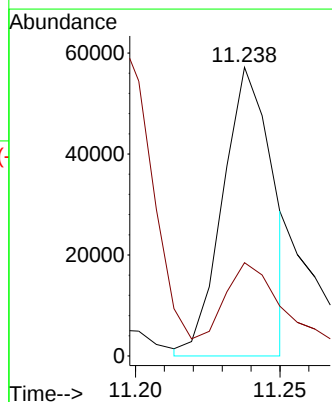
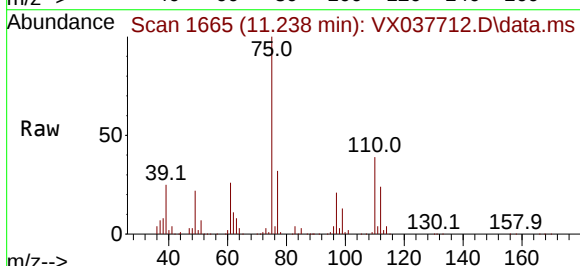
Manual Integrations
APPROVED

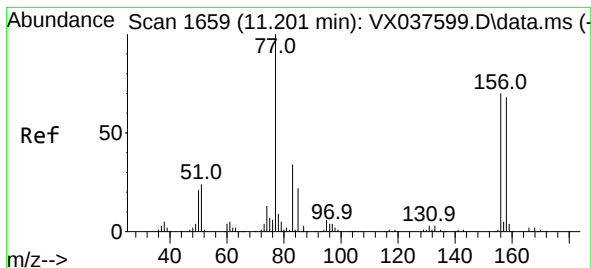
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#76
1,2,3-Trichloropropane
Concen: 24.693 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 75 Resp: 68661
Ion Ratio Lower Upper
75 100
77 41.8 19.1 57.5





#77

Bromobenzene

Concen: 22.631 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

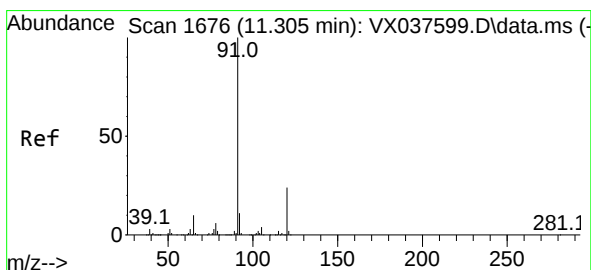
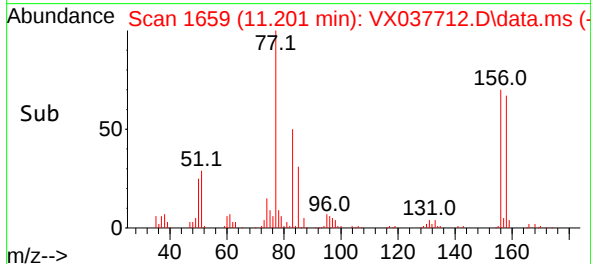
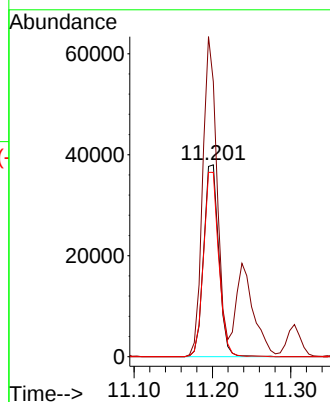
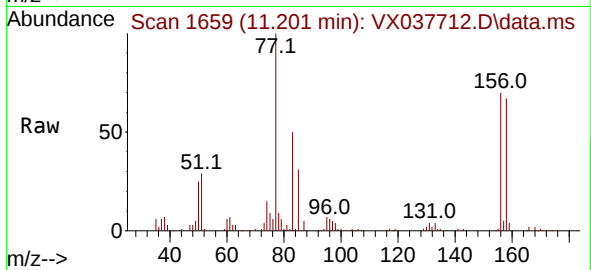
Tgt Ion:	156	Resp:	5078
Ion Ratio	Lower	Upper	
156	100		
77	157.9	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#78

n-propylbenzene

Concen: 17.382 ug/l

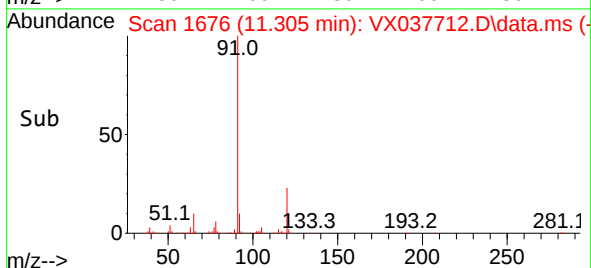
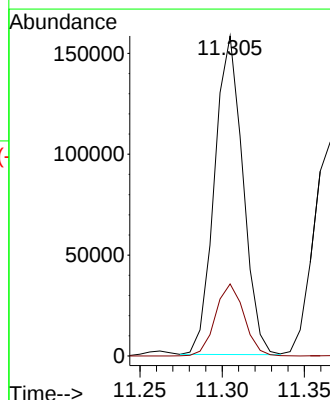
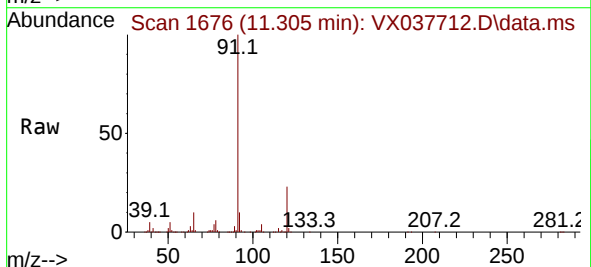
RT: 11.305 min Scan# 1676

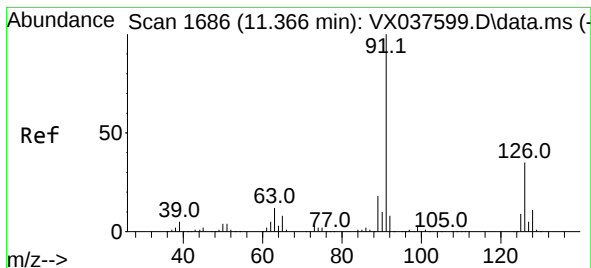
Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion:	91	Resp:	189368
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





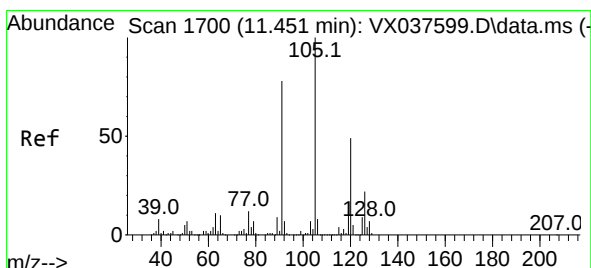
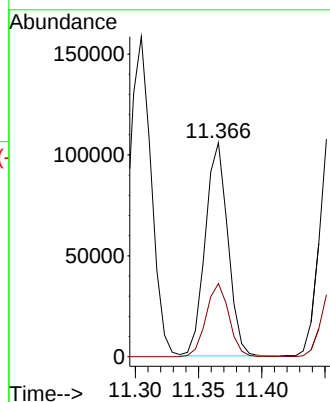
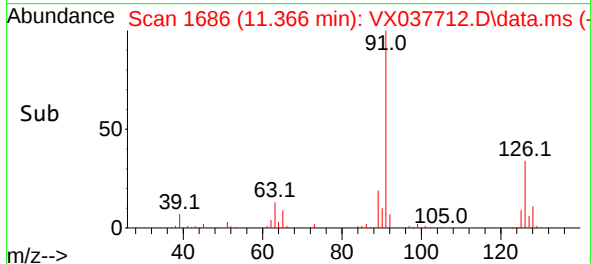
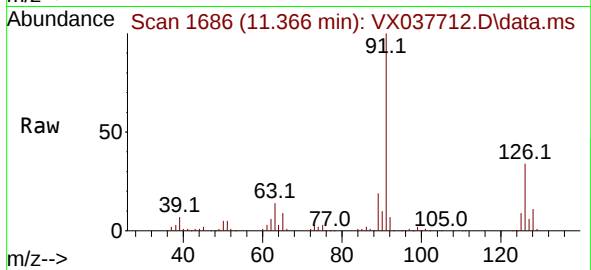
#79
2-Chlorotoluene
Concen: 19.638 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion: 91 Resp: 13169
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

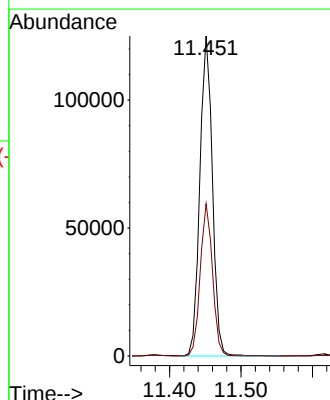
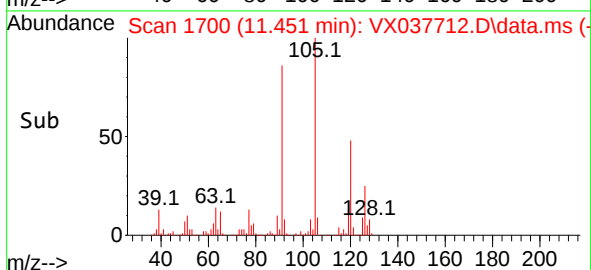
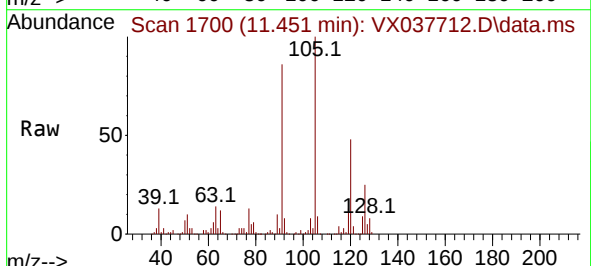
Manual Integrations
APPROVED

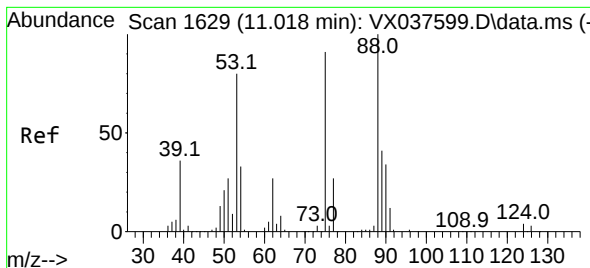
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.071 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

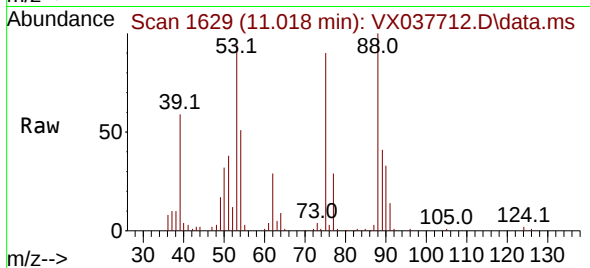
Tgt Ion:105 Resp: 151776
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.440 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

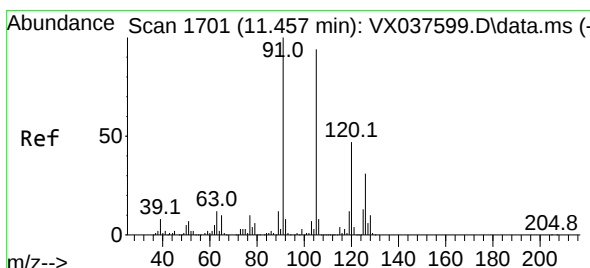
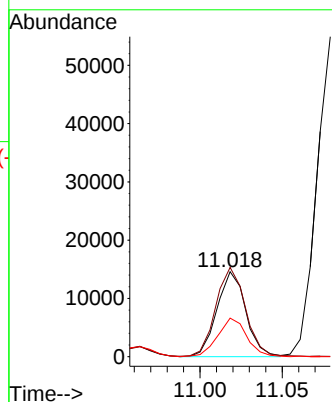
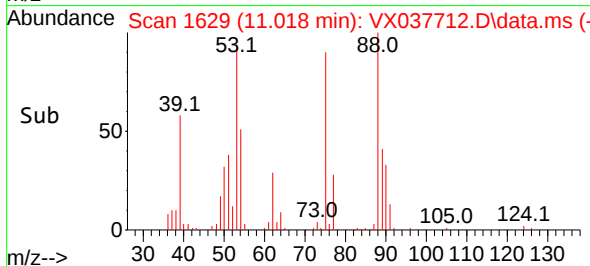
Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02



Tgt Ion: 75 Resp: 1778
Ion Ratio Lower Upper
75 100
53 107.6 90.5 135.7
89 45.8 36.9 55.3

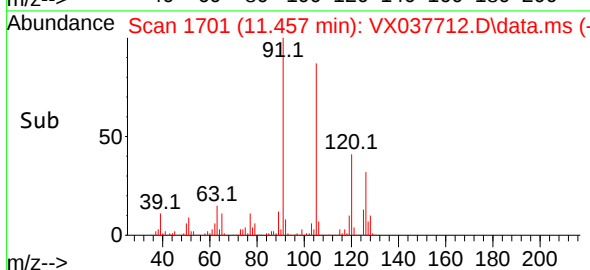
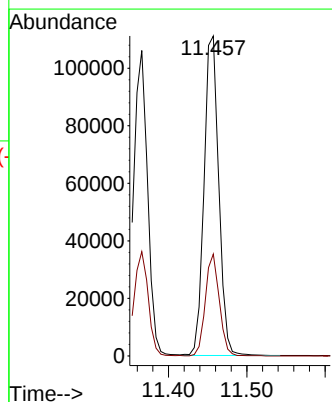
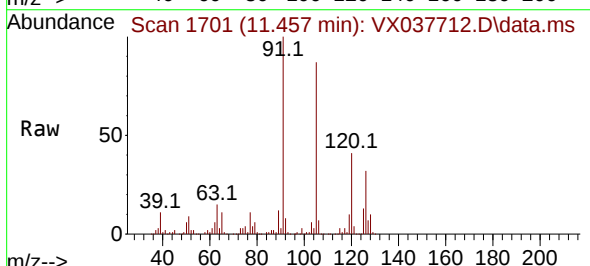
Manual Integrations
APPROVED

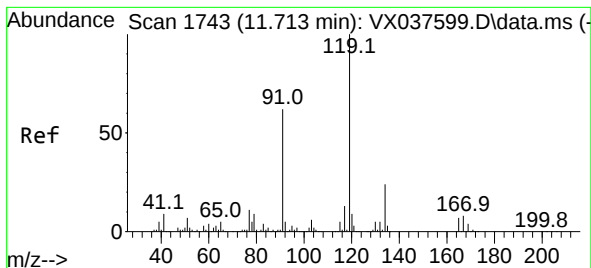
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#82
4-Chlorotoluene
Concen: 18.885 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 91 Resp: 144665
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.618 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion:119 Resp: 14885

Ion Ratio Lower Upper

119 100

91 56.3 31.2 93.6

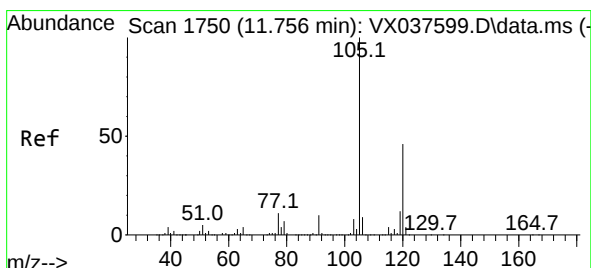
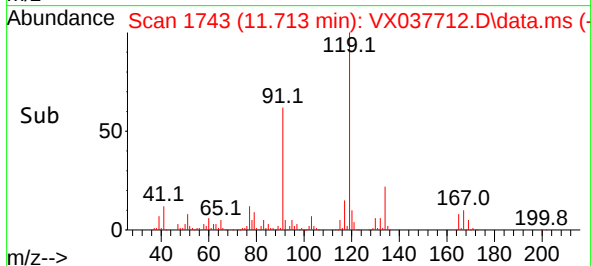
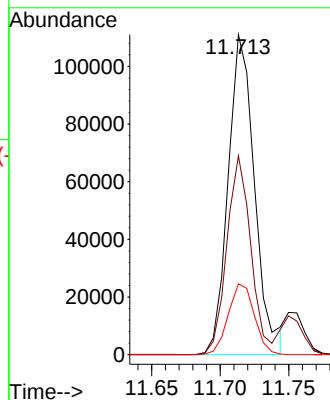
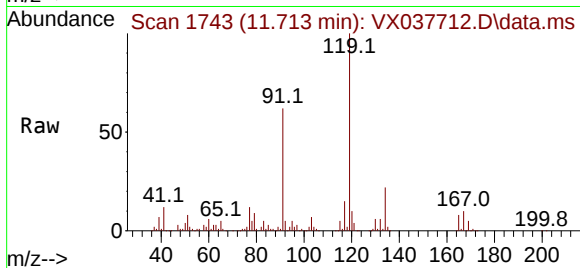
134 21.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.592 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037712.D

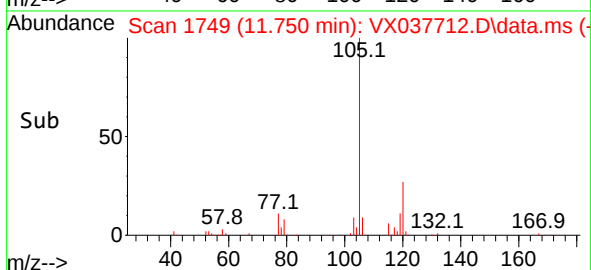
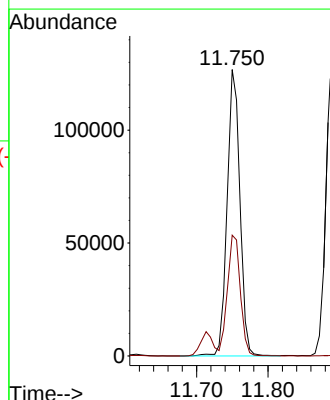
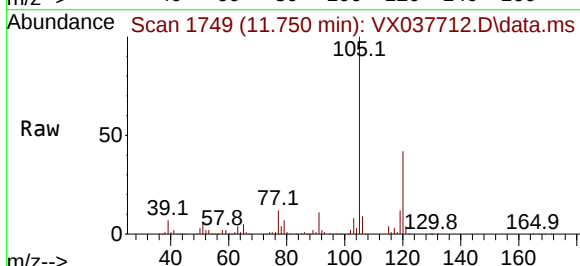
Acq: 14 Sep 2023 04:35

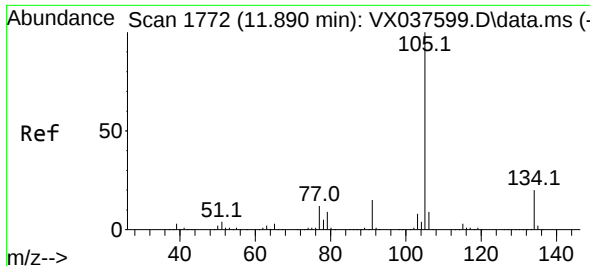
Tgt Ion:105 Resp: 157197

Ion Ratio Lower Upper

105 100

120 42.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 16.802 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion:105 Resp: 16583

Ion Ratio Lower Upper

105 100

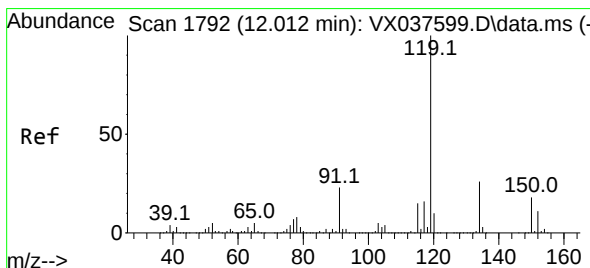
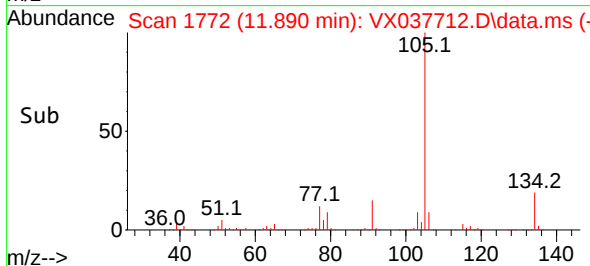
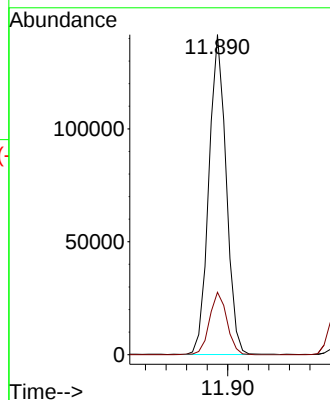
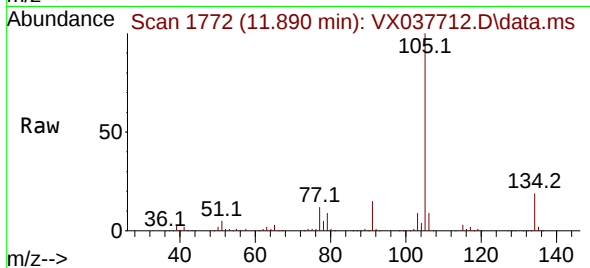
134 19.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#86

p-Isopropyltoluene

Concen: 16.874 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

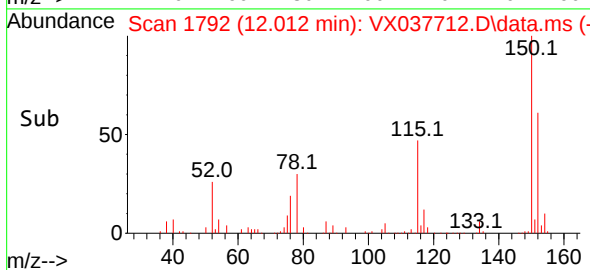
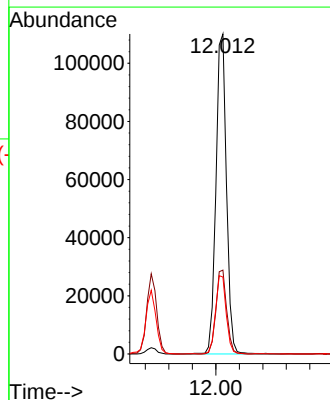
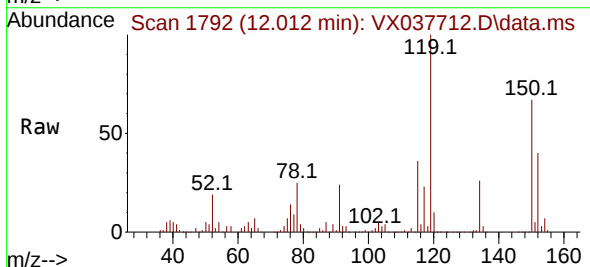
Tgt Ion:119 Resp: 136479

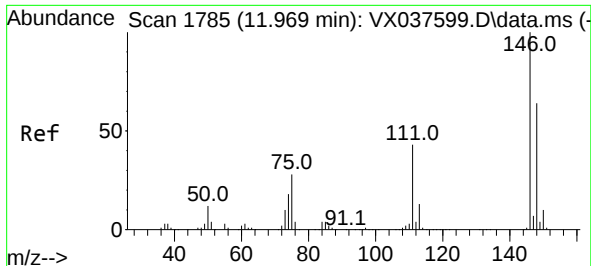
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 24.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.564 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

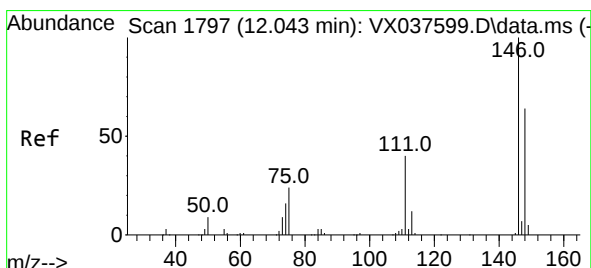
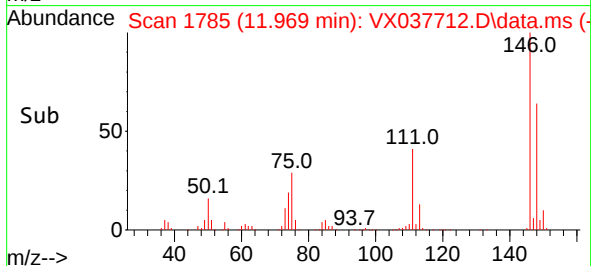
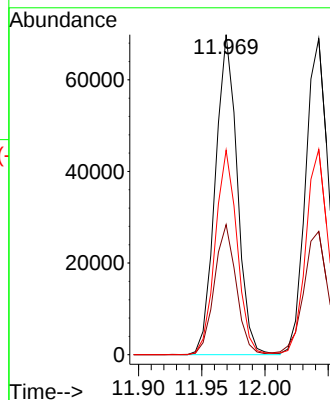
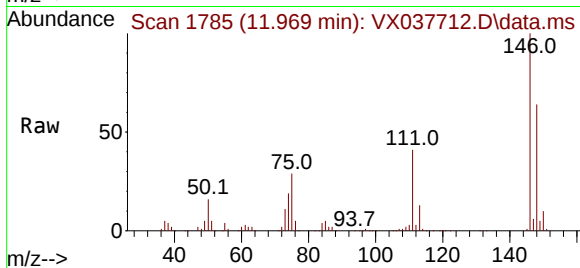
Tgt Ion:146 Resp: 84298
 Ion Ratio Lower Upper
 146 100
 111 40.5 22.1 66.1
 148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#88

1,4-Dichlorobenzene

Concen: 19.471 ug/l

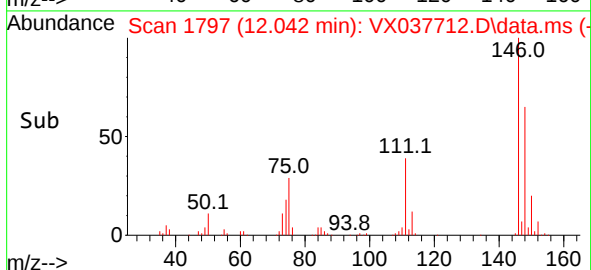
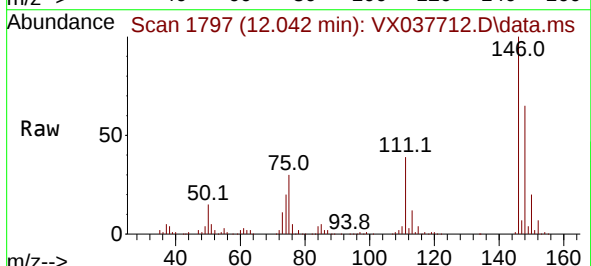
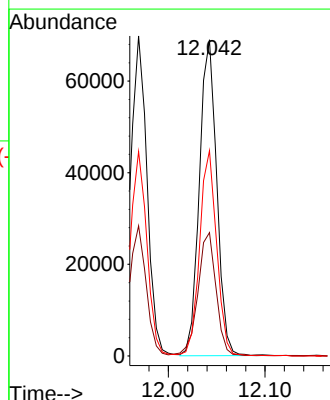
RT: 12.042 min Scan# 1797

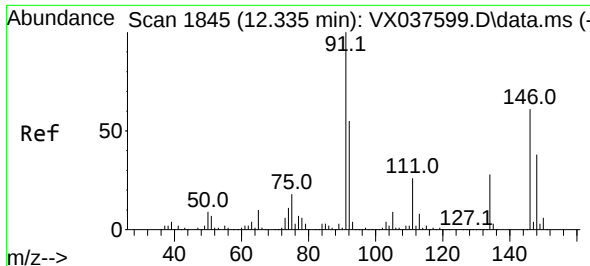
Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion:146 Resp: 86223
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.7
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 14.865 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

Tgt Ion: 91 Resp: 10888

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

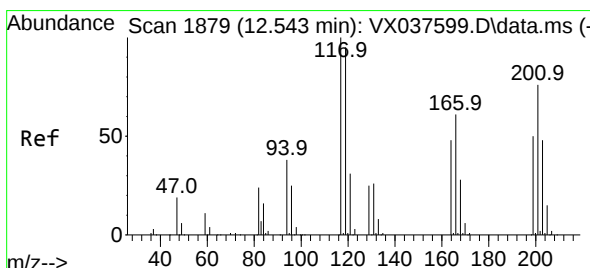
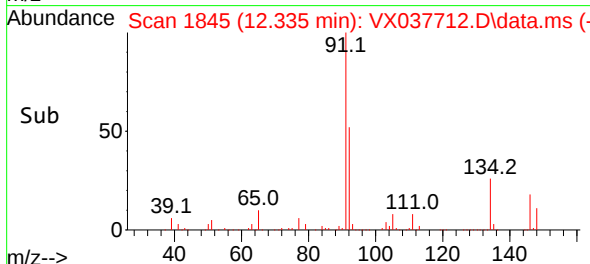
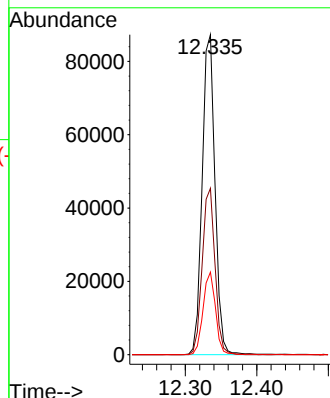
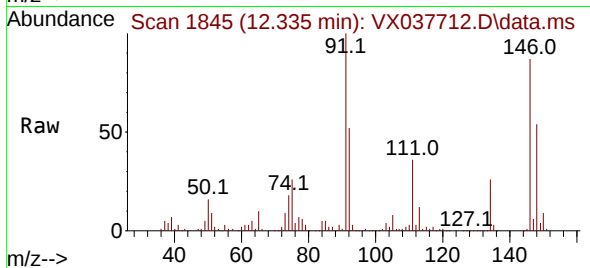
134 25.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#90

Hexachloroethane

Concen: 17.364 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037712.D

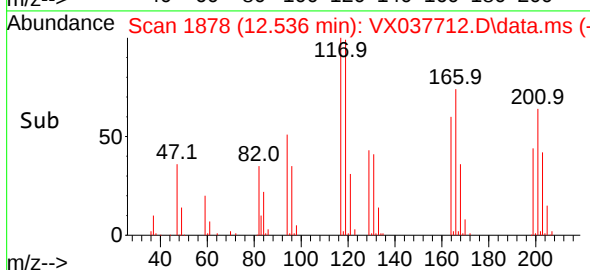
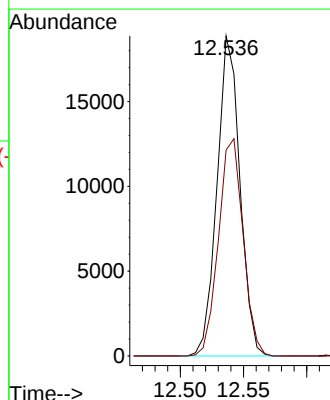
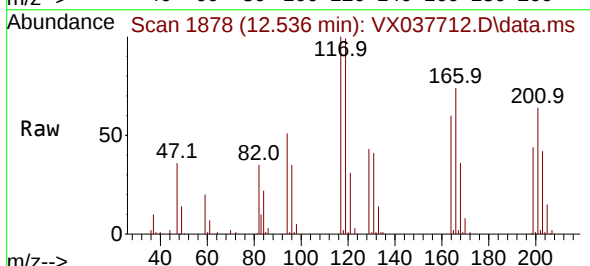
Acq: 14 Sep 2023 04:35

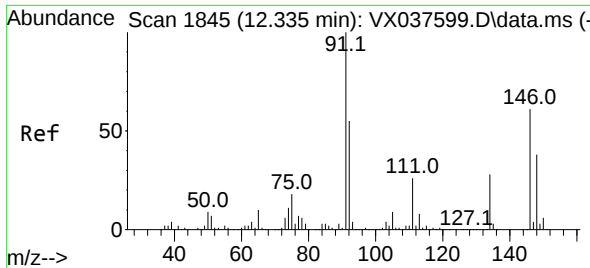
Tgt Ion:117 Resp: 23698

Ion Ratio Lower Upper

117 100

201 73.0 32.9 98.6





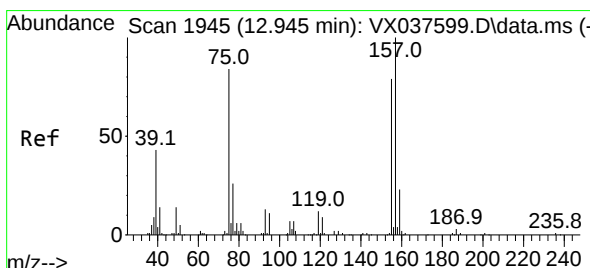
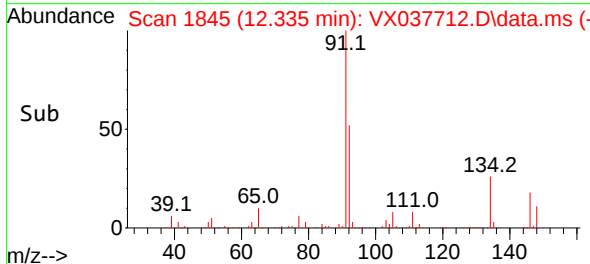
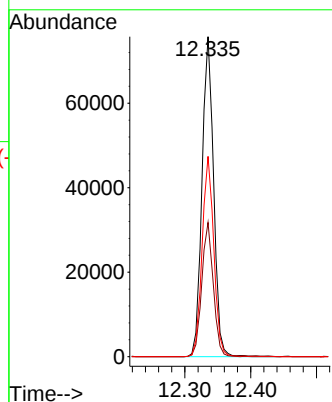
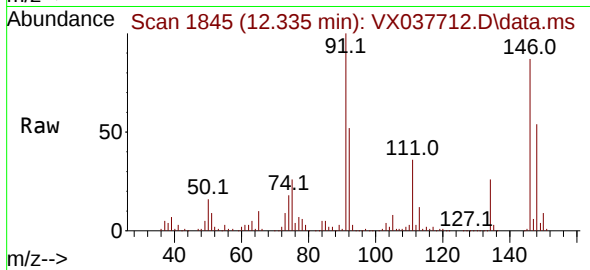
#91
1,2-Dichlorobenzene
Concen: 21.540 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD02

Tgt Ion:146 Resp: 9285
Ion Ratio Lower Upper
146 100
111 41.6 22.4 67.0
148 63.3 31.6 95.0

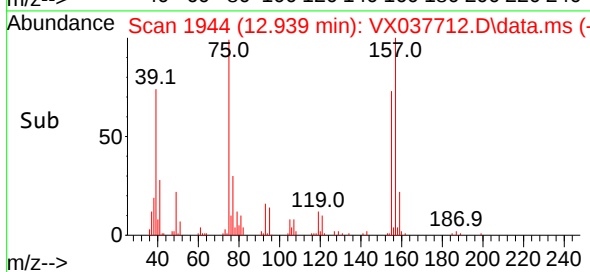
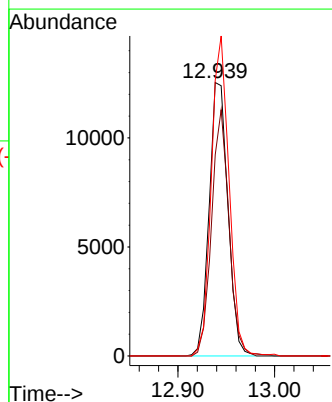
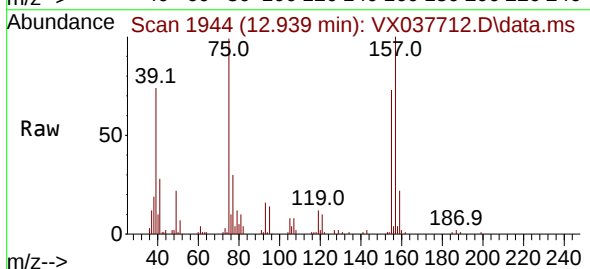
Manual Integrations
APPROVED

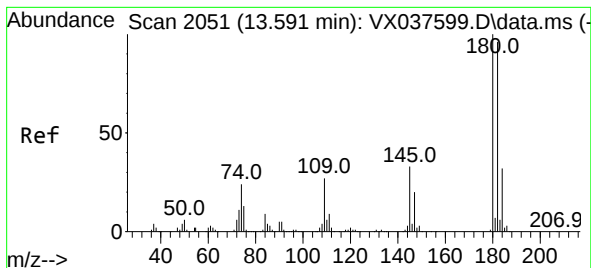
Reviewed By :John Carlone 09/14/2023
Supervised By :Mahesh Dadoda 09/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.313 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037712.D
Acq: 14 Sep 2023 04:35

Tgt Ion: 75 Resp: 16963
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 110.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.940 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

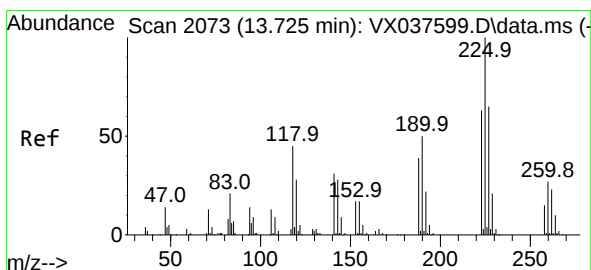
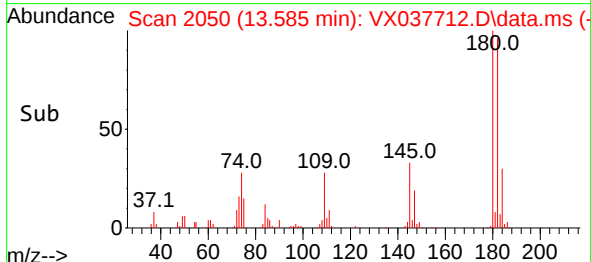
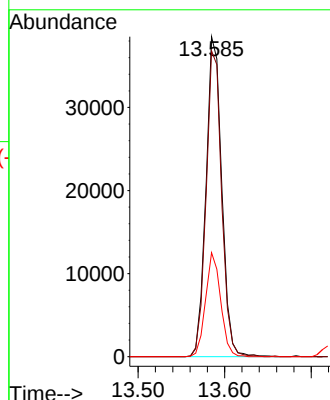
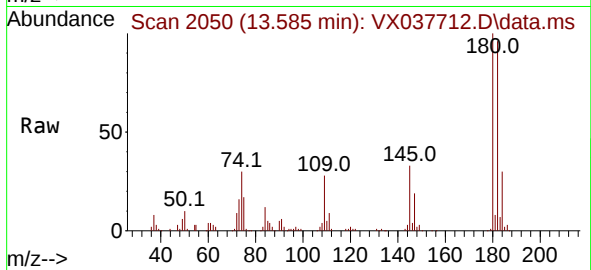
Tgt Ion:180	Resp:	48620
Ion Ratio	Lower	Upper
180	100	
182	94.4	48.3 144.8
145	31.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#94

Hexachlorobutadiene

Concen: 15.943 ug/l

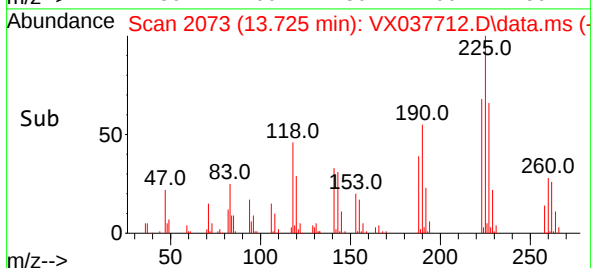
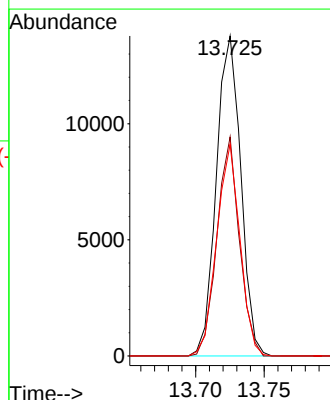
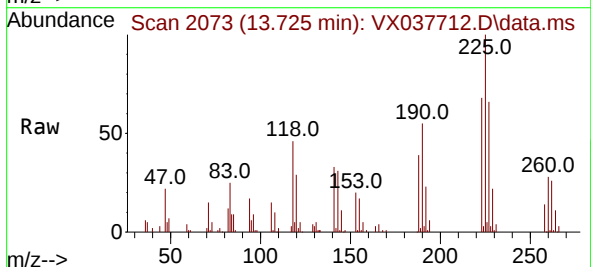
RT: 13.725 min Scan# 2073

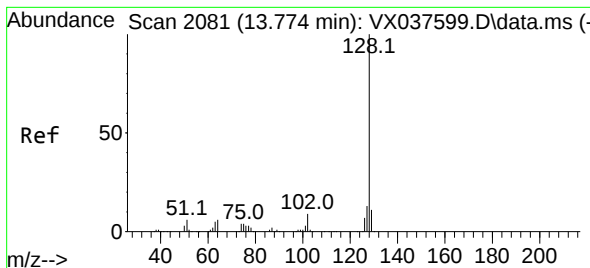
Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion:225	Resp:	17098
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.2
227	62.9	32.5 97.5





#95

Naphthalene

Concen: 21.640 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD02

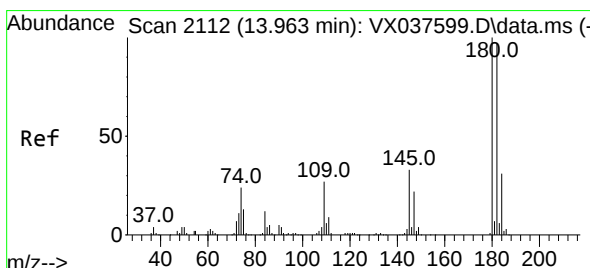
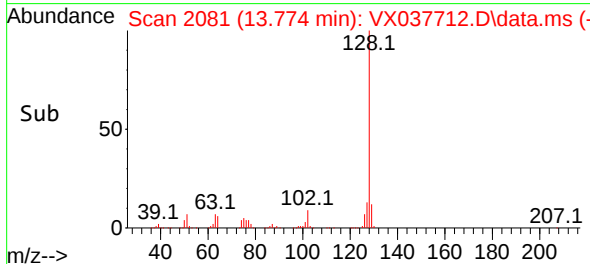
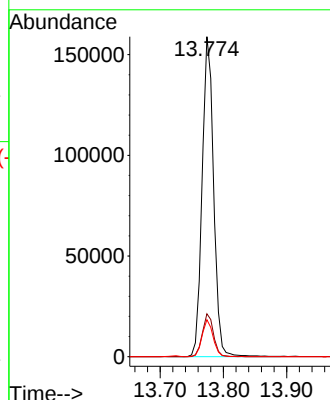
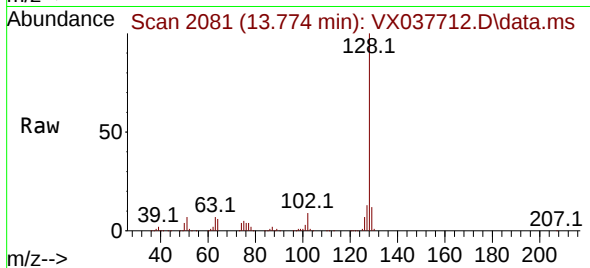
Tgt Ion:128	Resp: 20124
Ion Ratio	Lower Upper
128 100	
127 13.0	10.3 15.5
129 11.1	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2023

Supervised By :Mahesh Dadoda 09/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.908 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037712.D

Acq: 14 Sep 2023 04:35

Tgt Ion:180	Resp: 52440
Ion Ratio	Lower Upper
180 100	
182 95.2	46.9 140.6
145 34.0	17.8 53.5

