

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039917.D
 Acq On : 23 Jan 2024 18:12
 Operator : JC/MD
 Sample : P1222-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MS

Quant Time: Jan 24 02:35:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55792	47.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.440%			
35) Dibromofluoromethane	5.385	113	42353	50.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	152697	48.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	64228	51.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41025	45.434	ug/l	99
3) Chloromethane	1.294	50	46654	45.242	ug/l	98
4) Vinyl Chloride	1.374	62	47555	48.864	ug/l	100
5) Bromomethane	1.599	94	32598	58.704	ug/l	96
6) Chloroethane	1.679	64	30248	54.674	ug/l	99
7) Trichlorofluoromethane	1.886	101	77244	55.021	ug/l	98
8) Diethyl Ether	2.130	74	27848	53.676	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47475	54.546	ug/l	98
10) Methyl Iodide	2.453	142	52101	56.743	ug/l	95
11) Tert butyl alcohol	2.959	59	84756	278.506	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45733	54.446	ug/l	92
13) Acrolein	2.233	56	50423	270.642	ug/l	99
14) Allyl chloride	2.666	41	85317	51.606	ug/l	99
15) Acrylonitrile	3.062	53	168914	268.704	ug/l	99
16) Acetone	2.374	43	140988	214.435	ug/l	96
17) Carbon Disulfide	2.508	76	121525	50.336	ug/l	100
18) Methyl Acetate	2.697	43	75487	54.878	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	163049	54.676	ug/l	96
20) Methylene Chloride	2.788	84	54544	54.845	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	48300	54.641	ug/l	95
22) Diisopropyl ether	3.757	45	170767	54.127	ug/l	98
23) Vinyl Acetate	3.721	43	791229	269.796	ug/l	100
24) 1,1-Dichloroethane	3.605	63	94945	54.703	ug/l	99
25) 2-Butanone	4.550	43	237091	250.930	ug/l	97
26) 2,2-Dichloropropane	4.471	77	66902	48.027	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56900	56.123	ug/l	97
28) Bromochloromethane	4.891	49	40567	51.562	ug/l	96
29) Tetrahydrofuran	4.995	42	158823	261.159	ug/l	99
30) Chloroform	5.093	83	98412	57.436	ug/l	98
31) Cyclohexane	5.471	56	77419	50.177	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	83468	56.902	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69844	53.362	ug/l	99
37) Ethyl Acetate	4.708	43	88781	50.844	ug/l	98
38) Carbon Tetrachloride	5.672	117	68482	57.126	ug/l	97
39) Methylcyclohexane	7.379	83	81073	51.582	ug/l	97
40) Benzene	6.037	78	204431	55.158	ug/l	99

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Quant Time: Jan 24 02:35:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47468	55.591	ug/l	95
42) 1,2-Dichloroethane	6.086	62	81489	57.832	ug/l	100
43) Isopropyl Acetate	6.336	43	138711	54.152	ug/l	98
44) Trichloroethene	7.123	130	50856	55.989	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55107	55.427	ug/l	97
46) Dibromomethane	7.580	93	40538	59.032	ug/l	96
47) Bromodichloromethane	7.818	83	76740	60.338	ug/l	98
48) Methyl methacrylate	7.690	41	70020	55.613	ug/l	94
49) 1,4-Dioxane	7.653	88	25657	1053.136	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	490846	278.236	ug/l	98
52) Toluene	8.714	92	127515	57.602	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	77905	57.726	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81343	54.815	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54081	57.380	ug/l	95
56) Ethyl methacrylate	9.116	69	87551	57.395	ug/l	95
57) 1,3-Dichloropropane	9.305	76	91906	57.541	ug/l	99
59) 2-Hexanone	9.427	43	389532	278.991	ug/l	98
60) Dibromochloromethane	9.519	129	56117	63.136	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58503	59.940	ug/l	99
64) Tetrachloroethene	9.275	164	41805	53.870	ug/l	98
65) Chlorobenzene	10.079	112	136185	54.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50088	59.183	ug/l	99
67) Ethyl Benzene	10.195	91	256092	55.498	ug/l	97
68) m/p-Xylenes	10.299	106	188961	111.346	ug/l	96
69) o-Xylene	10.640	106	92573	55.082	ug/l	94
70) Styrene	10.653	104	150571	54.845	ug/l	98
71) Bromoform	10.799	173	38922	61.247	ug/l #	100
73) Isopropylbenzene	10.957	105	251438	51.140	ug/l	99
74) N-amyl acetate	10.842	43	127500	49.750	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	96111	51.192	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	80063m	50.007	ug/l	
77) Bromobenzene	11.195	156	56394	51.515	ug/l	97
78) n-propylbenzene	11.305	91	305311	51.306	ug/l	97
79) 2-Chlorotoluene	11.360	91	179822	48.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216034	51.735	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23364	44.154	ug/l	94
82) 4-Chlorotoluene	11.451	91	212162	50.856	ug/l	98
83) tert-Butylbenzene	11.713	119	206101	51.698	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	215813	51.803	ug/l	99
85) sec-Butylbenzene	11.890	105	269015	51.983	ug/l	98
86) p-Isopropyltoluene	12.006	119	219105	52.974	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107619	51.285	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110253	50.871	ug/l	99
89) n-Butylbenzene	12.329	91	210756	52.757	ug/l	96
90) Hexachloroethane	12.536	117	37229	53.354	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	105499	50.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23843	51.827	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64026	50.502	ug/l	98
94) Hexachlorobutadiene	13.725	225	27534	52.245	ug/l	97
95) Naphthalene	13.774	128	230461	49.379	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62549	48.885	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

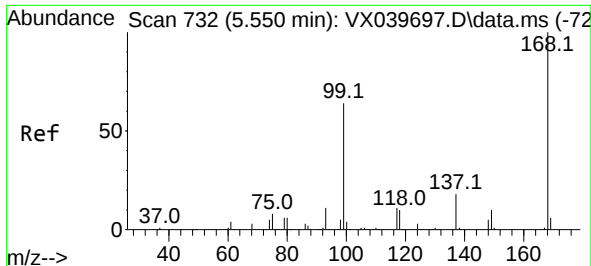
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

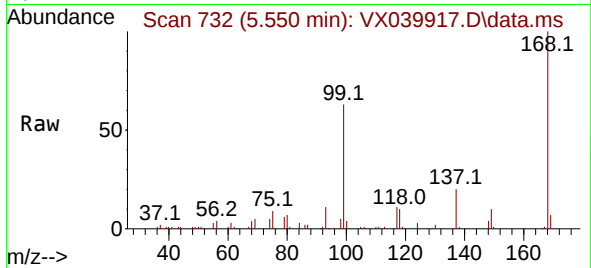
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

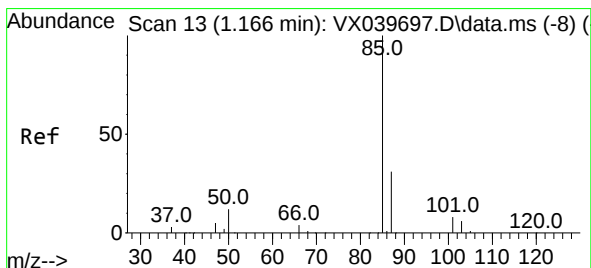
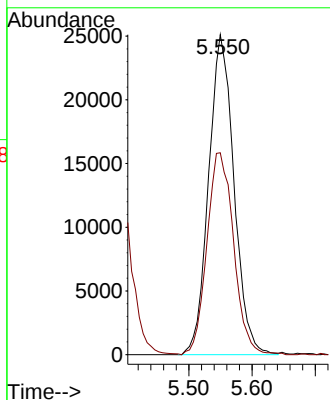
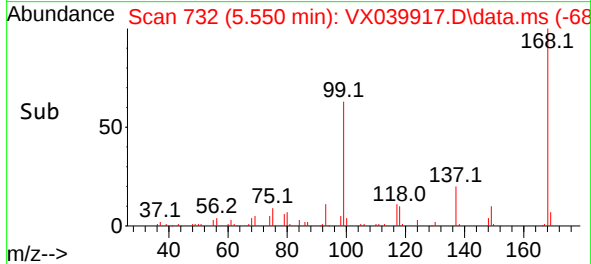
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion:168 Resp: 69790
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

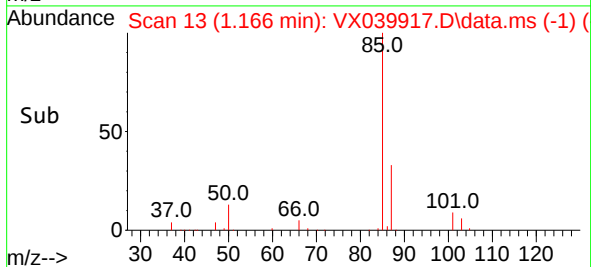
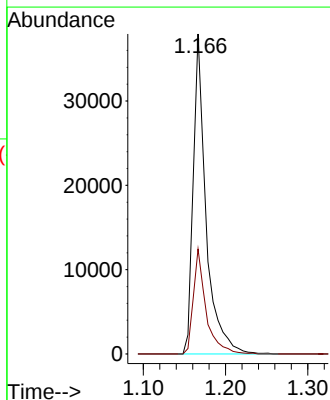
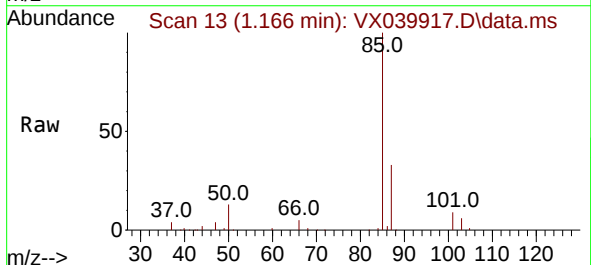
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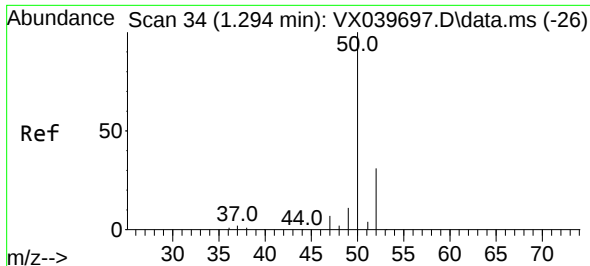
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#2
Dichlorodifluoromethane
Concen: 45.434 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

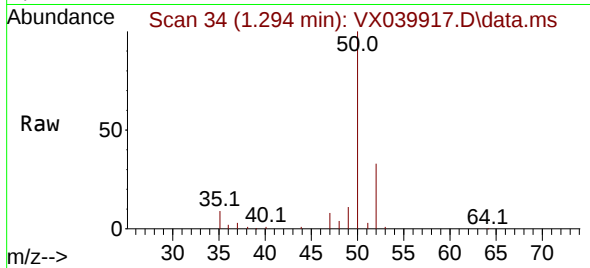
Tgt Ion: 85 Resp: 41025
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 45.242 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

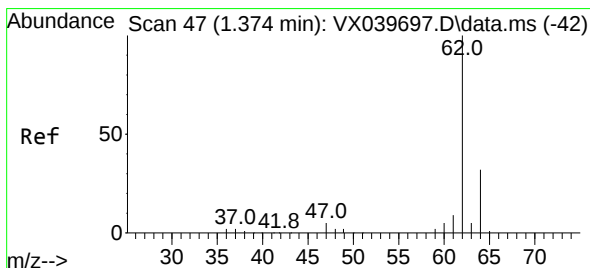
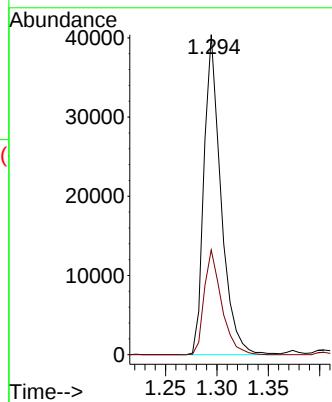
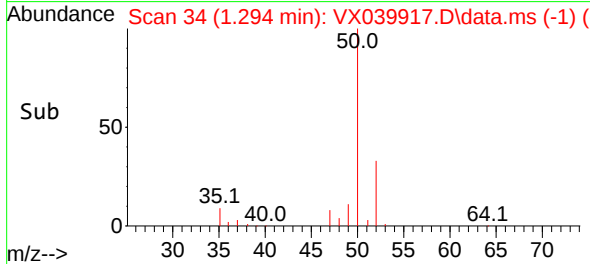
Instrument :
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ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 50 Resp: 46654
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

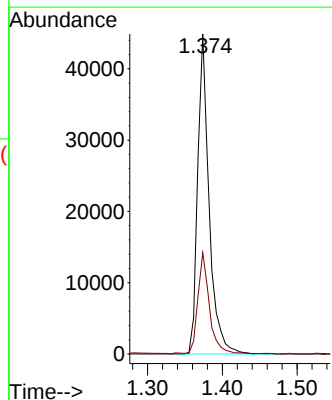
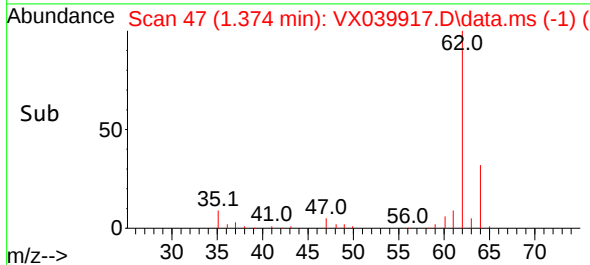
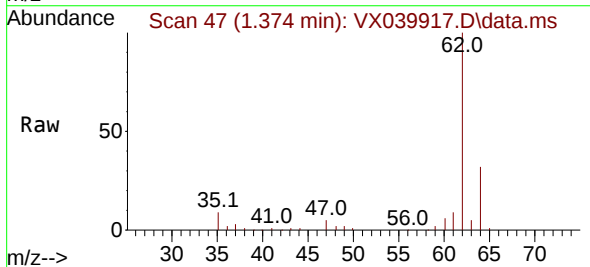
Manual Integrations
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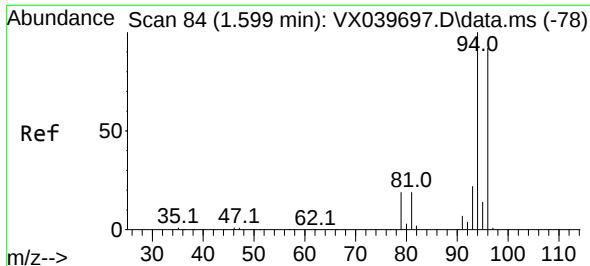
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#4
Vinyl Chloride
Concen: 48.864 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

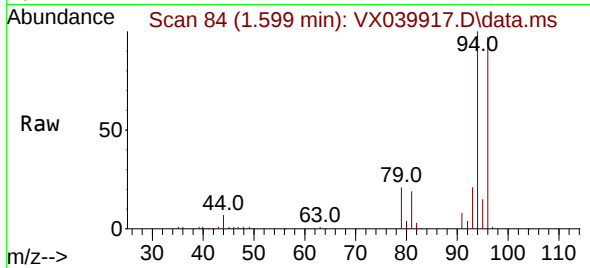
Tgt Ion: 62 Resp: 47555
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 58.704 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

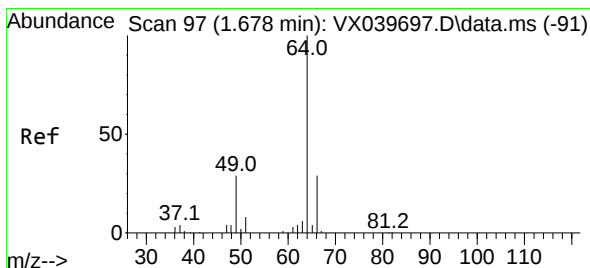
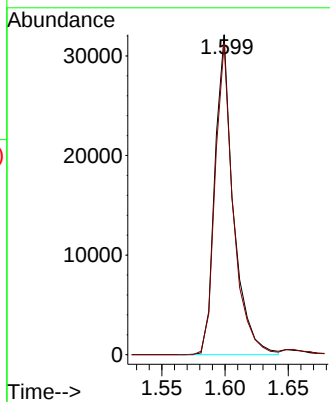
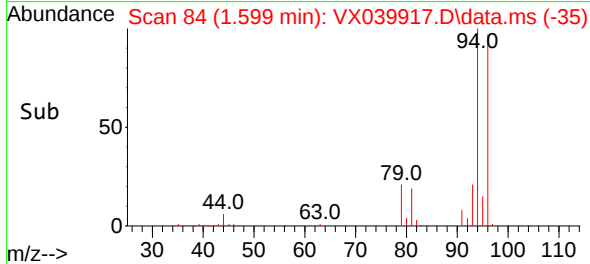
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 32598
Ion Ratio Lower Upper
94 100
96 97.2 74.6 111.8

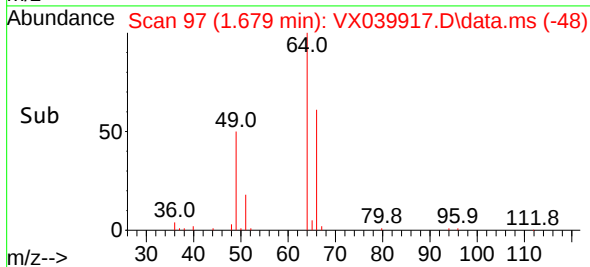
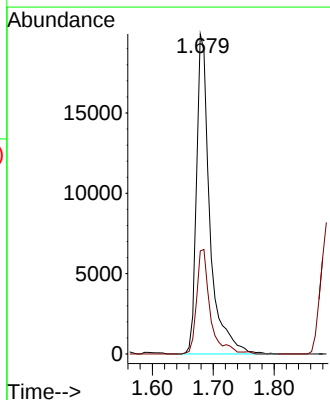
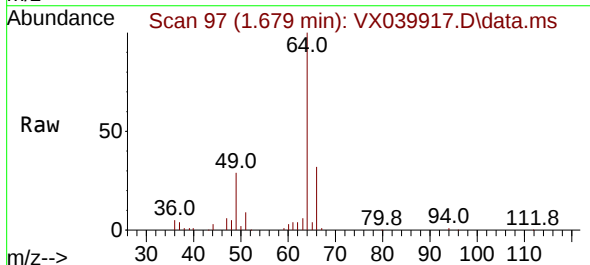
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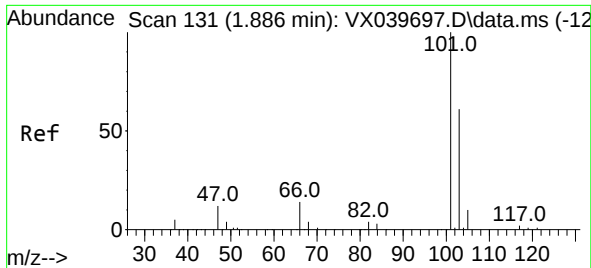
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#6
Chloroethane
Concen: 54.674 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 64 Resp: 30248
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





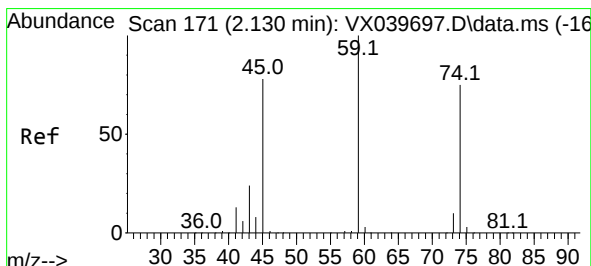
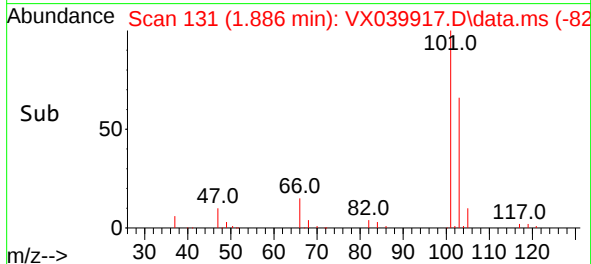
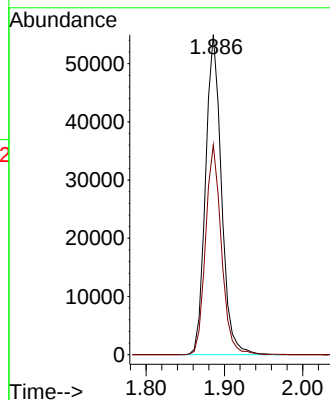
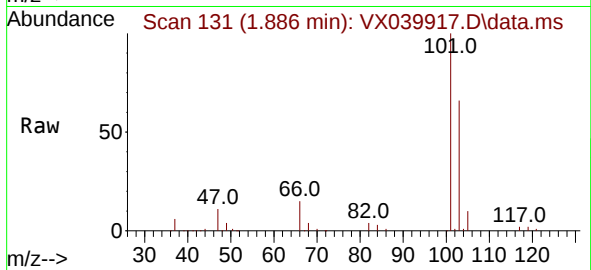
#7
Trichlorofluoromethane
Concen: 55.021 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion:101 Resp: 77244
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

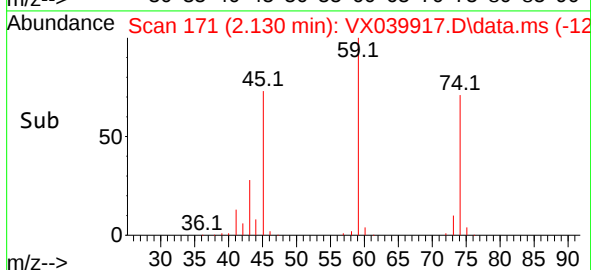
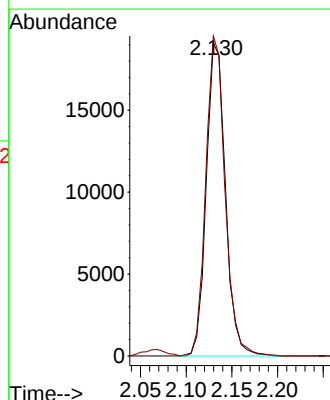
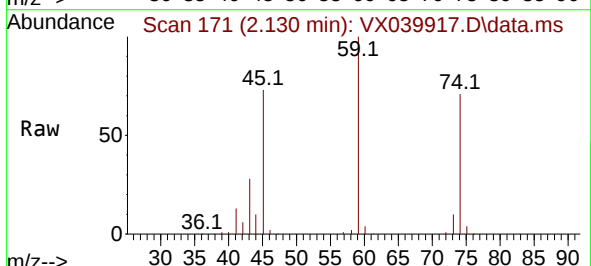
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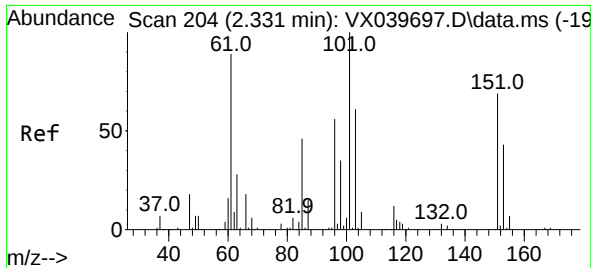
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#8
Diethyl Ether
Concen: 53.676 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 74 Resp: 27848
Ion Ratio Lower Upper
74 100
45 102.8 53.3 159.8





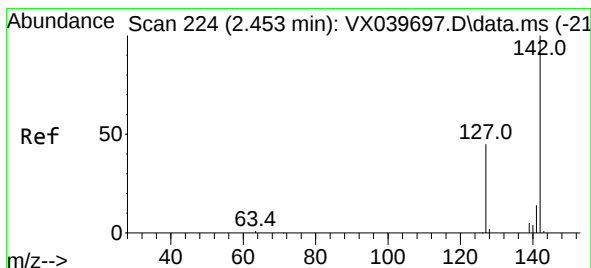
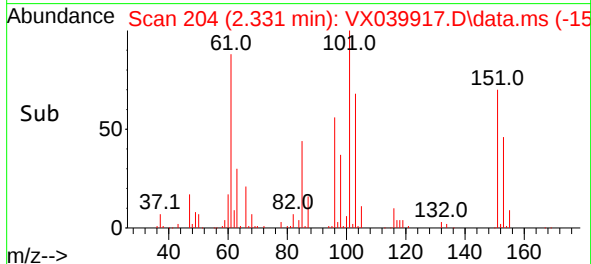
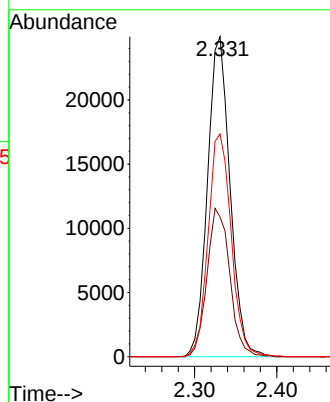
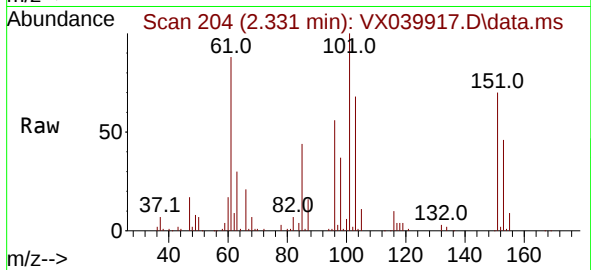
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.546 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion:101 Resp: 47475
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 71.4 58.6 87.8

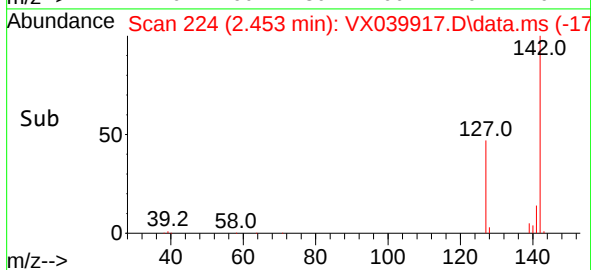
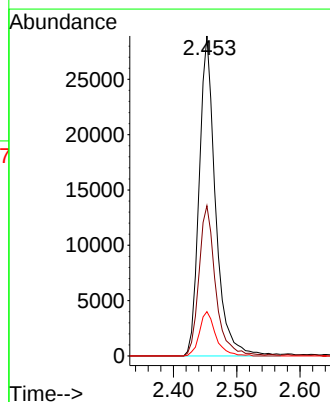
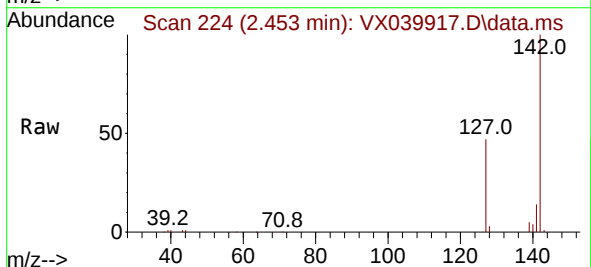
Manual Integrations
APPROVED

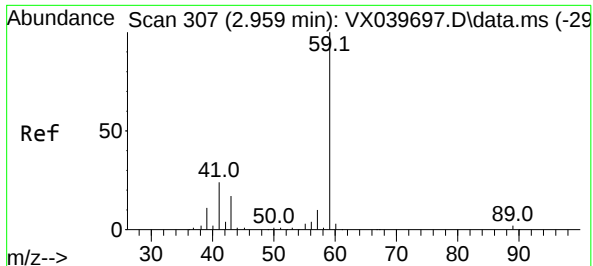
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#10
Methyl Iodide
Concen: 56.743 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:142 Resp: 52101
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 13.8 11.6 17.4





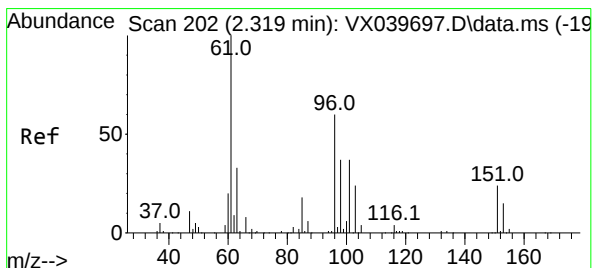
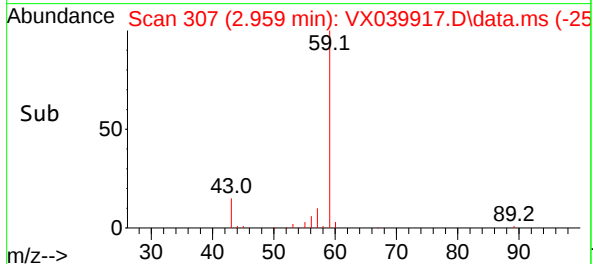
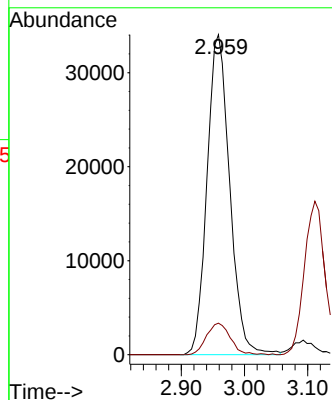
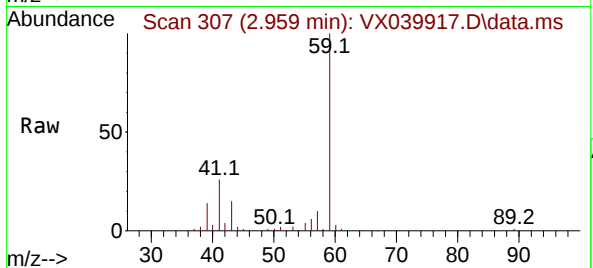
#11
Tert butyl alcohol
Concen: 278.506 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 59 Resp: 84750
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

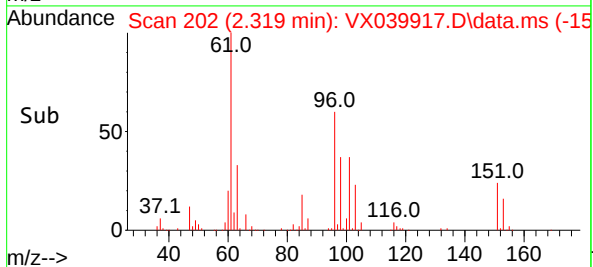
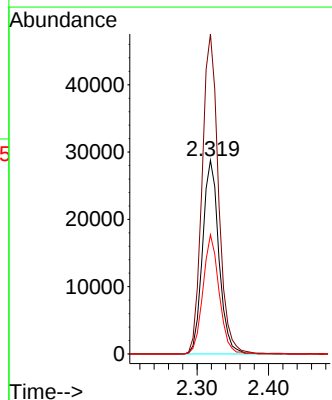
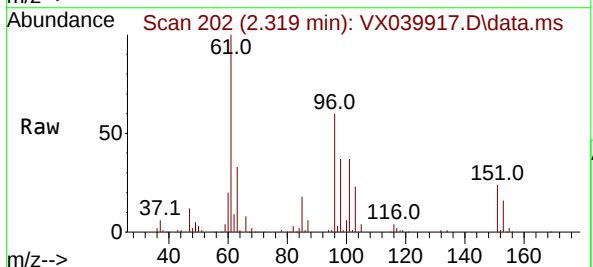
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#12
1,1-Dichloroethene
Concen: 54.446 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

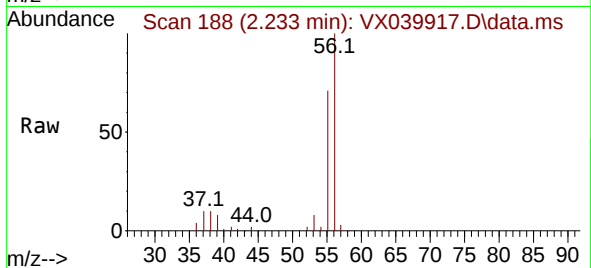
Tgt Ion: 96 Resp: 45733
Ion Ratio Lower Upper
96 100
61 165.3 144.6 216.8
98 61.6 50.4 75.6





#13
Acrolein
Concen: 270.642 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

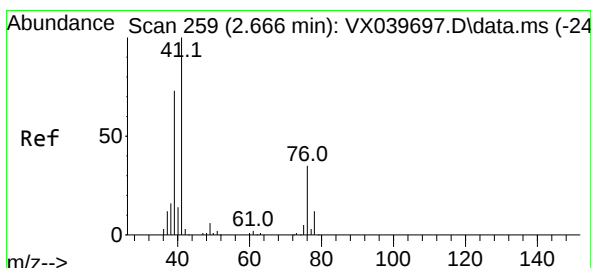
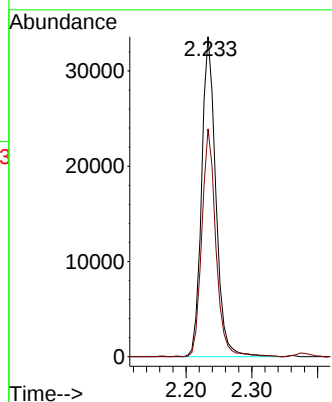
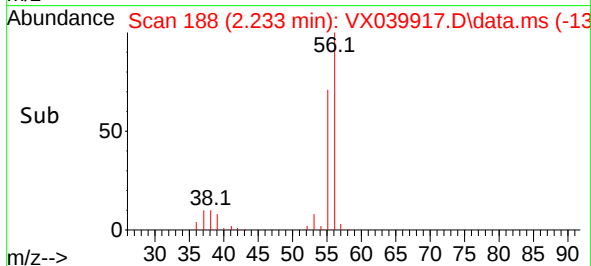
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 56 Resp: 50423
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

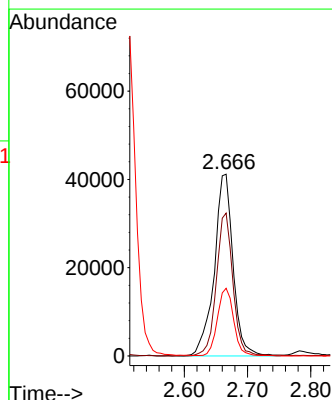
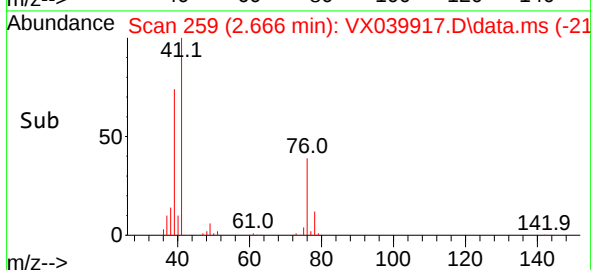
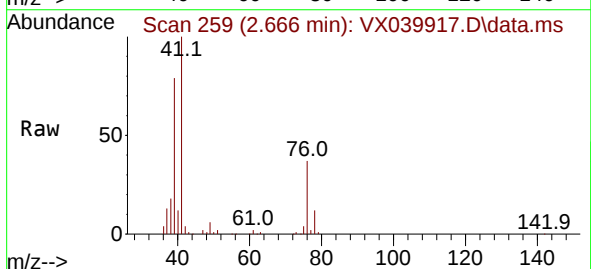
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#14
Allyl chloride
Concen: 51.606 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

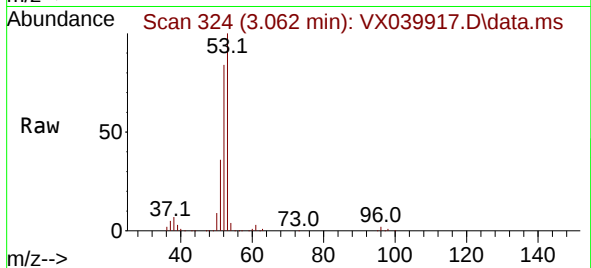
Tgt Ion: 41 Resp: 85317
Ion Ratio Lower Upper
41 100
39 69.2 55.8 83.6
76 32.0 24.3 36.5





#15
Acrylonitrile
Concen: 268.704 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

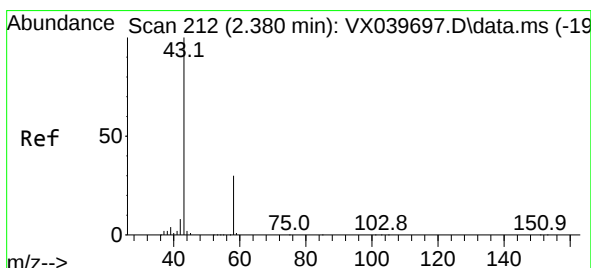
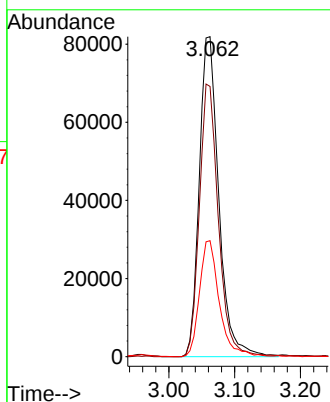
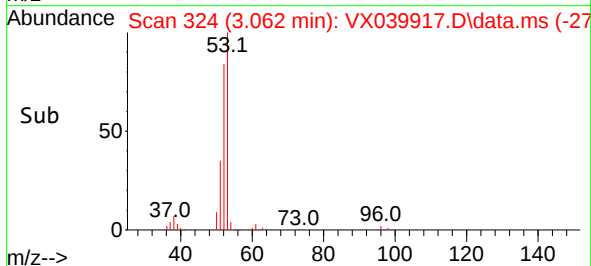
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 53 Resp: 168914
Ion Ratio Lower Upper
53 100
52 83.6 66.0 99.0
51 36.9 29.8 44.6

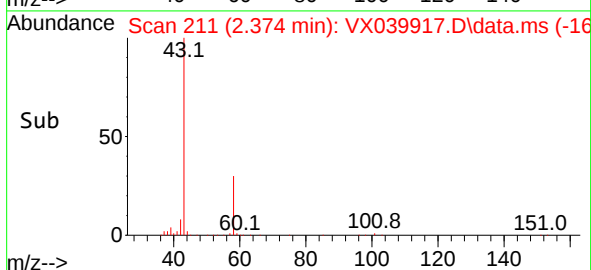
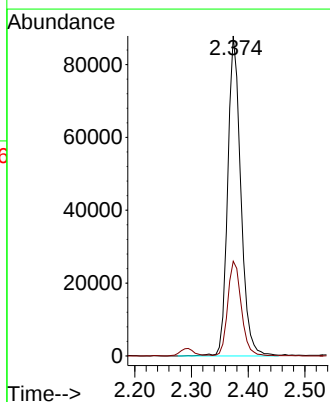
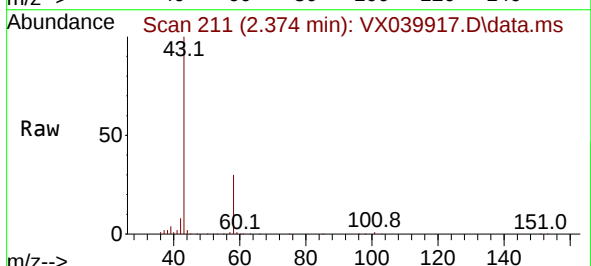
Manual Integrations
APPROVED

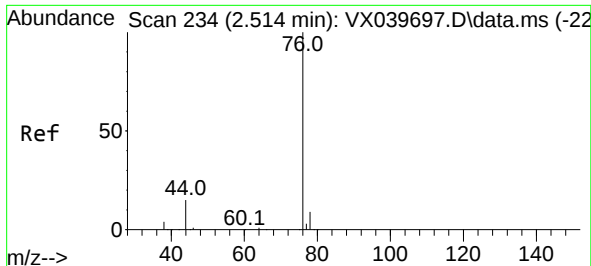
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#16
Acetone
Concen: 214.435 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 43 Resp: 140988
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





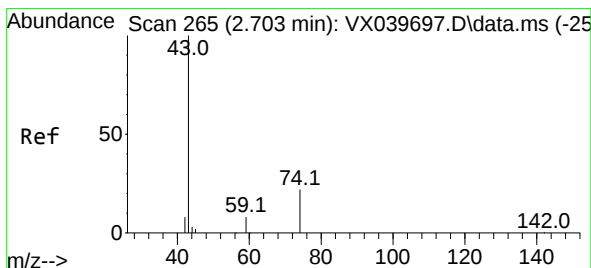
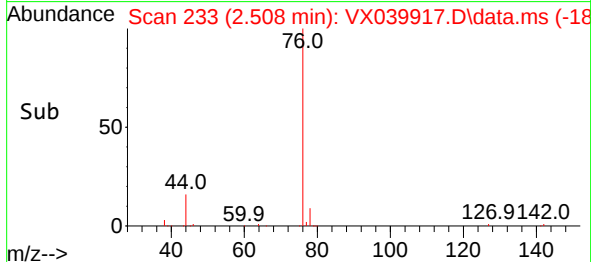
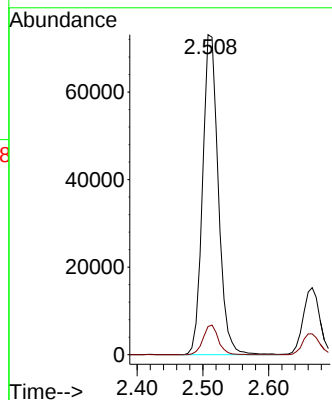
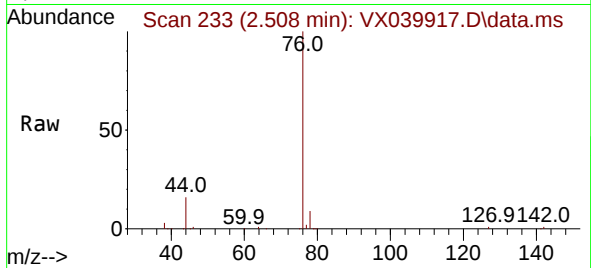
#17
Carbon Disulfide
Concen: 50.336 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 76 Resp: 12152
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

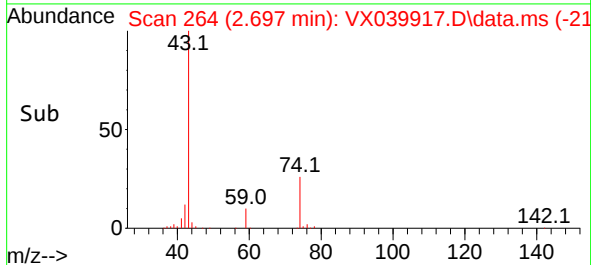
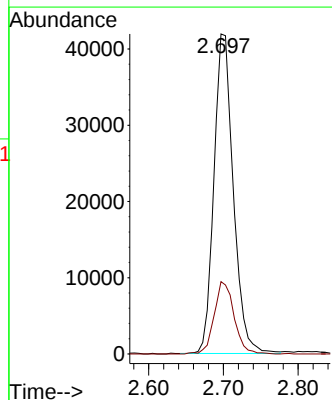
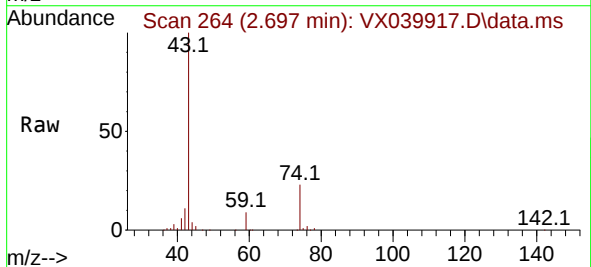
Manual Integrations
APPROVED

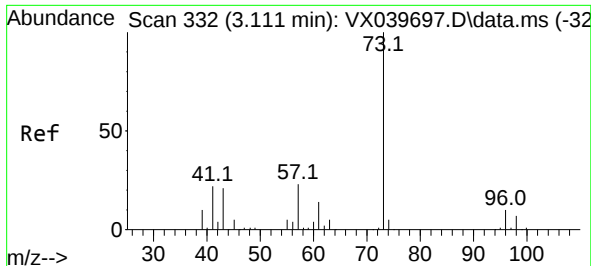
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#18
Methyl Acetate
Concen: 54.878 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

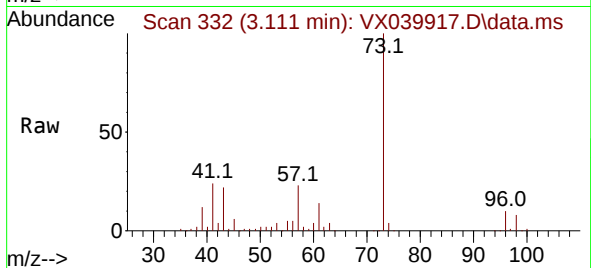
Tgt Ion: 43 Resp: 75487
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 54.676 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

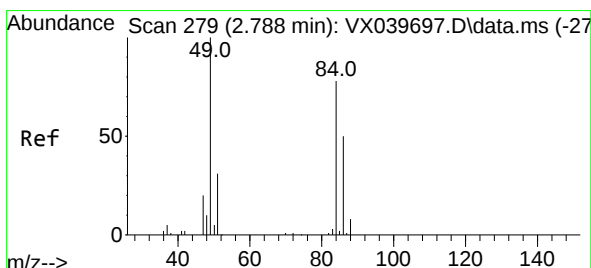
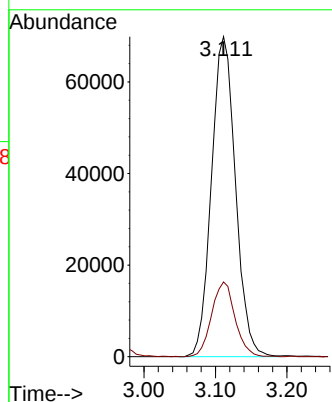
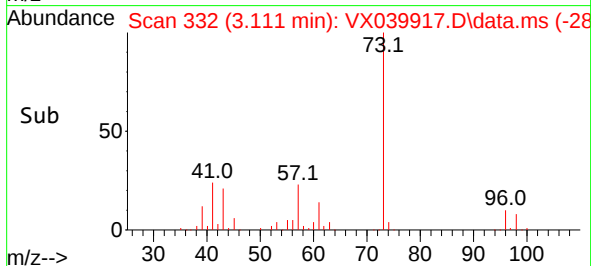
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 73 Resp: 163049
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9

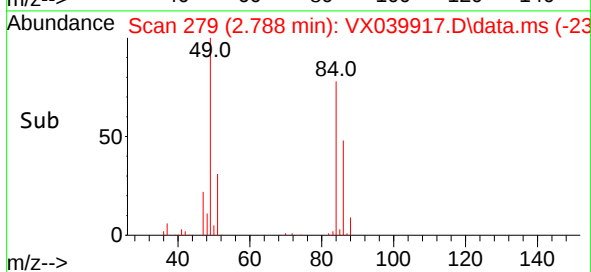
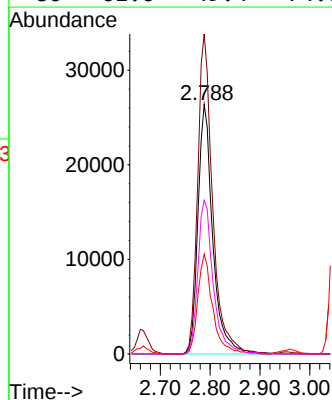
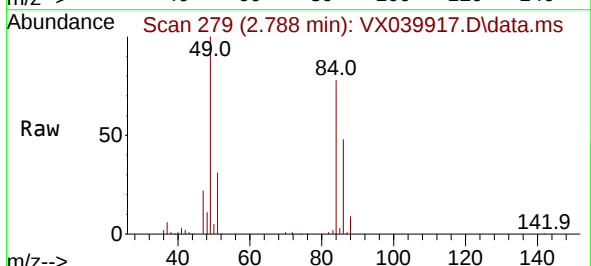
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#20
Methylene Chloride
Concen: 54.845 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

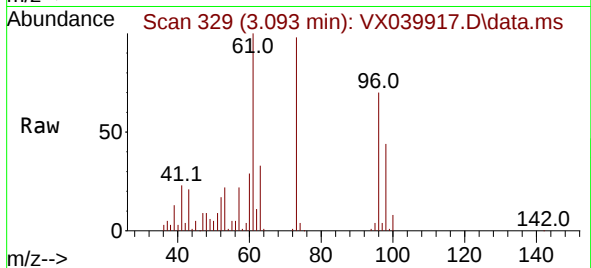
Tgt Ion: 84 Resp: 54544
Ion Ratio Lower Upper
84 100
49 128.2 103.6 155.4
51 40.0 33.8 50.6
86 61.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 54.641 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

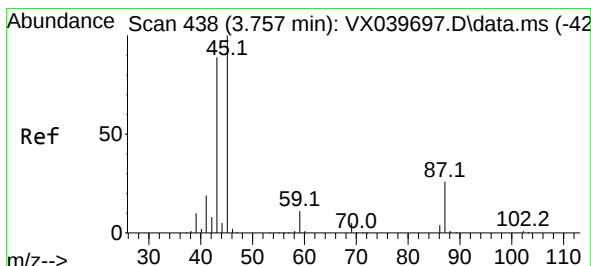
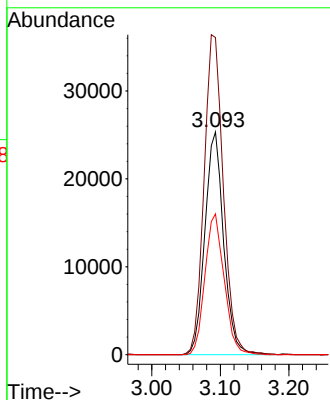
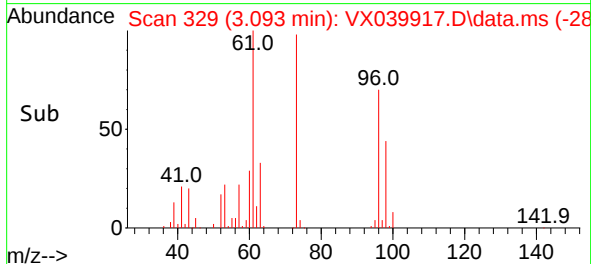
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 96 Resp: 48300
Ion Ratio Lower Upper
96 100
61 142.4 119.2 178.8
98 63.2 48.7 73.1

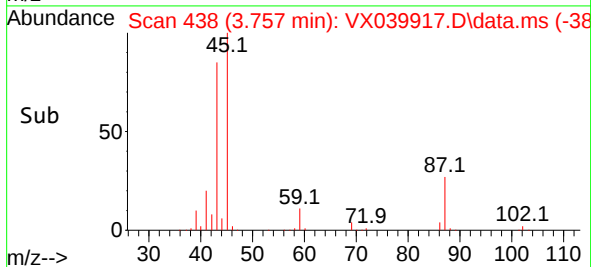
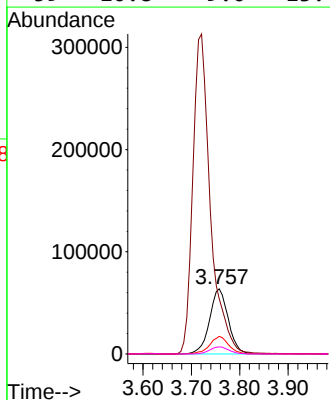
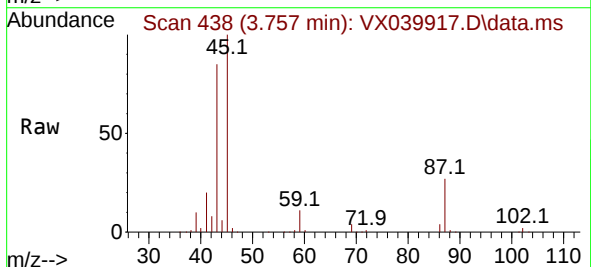
Manual Integrations
APPROVED

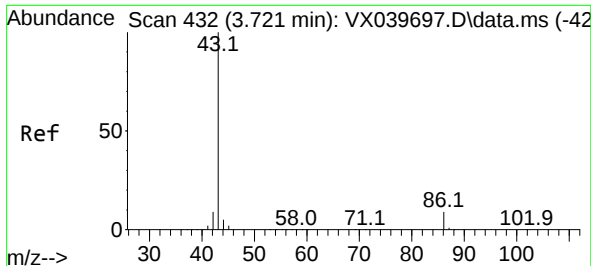
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#22
Diisopropyl ether
Concen: 54.127 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

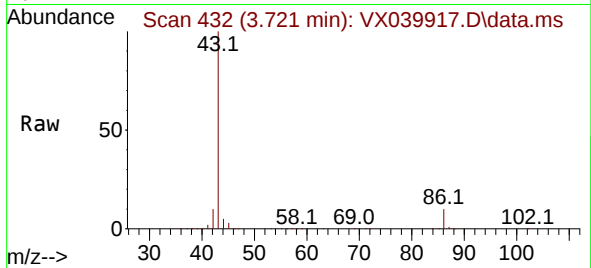
Tgt Ion: 45 Resp: 170767
Ion Ratio Lower Upper
45 100
43 84.5 69.7 104.5
87 27.0 20.8 31.2
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 269.796 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

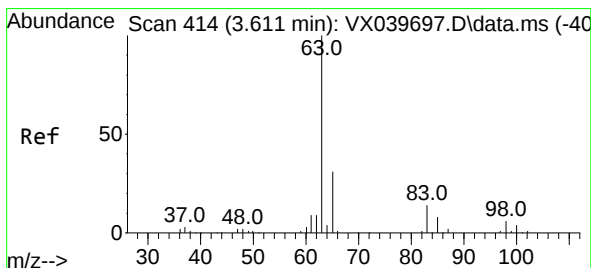
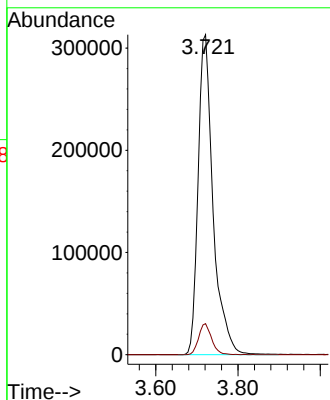
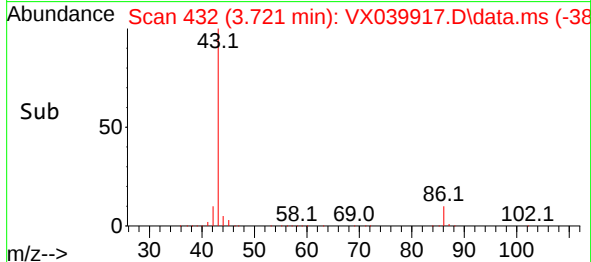
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MS



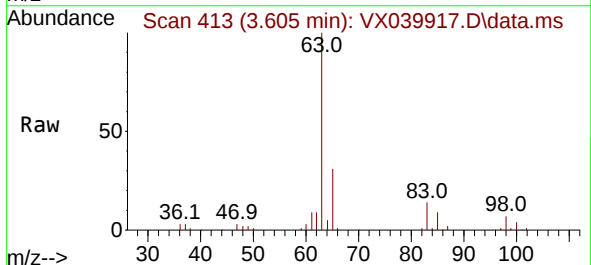
Tgt Ion: 43 Resp: 791229
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations
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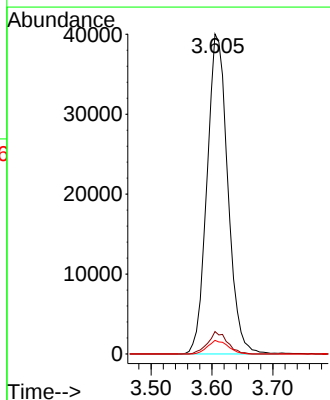
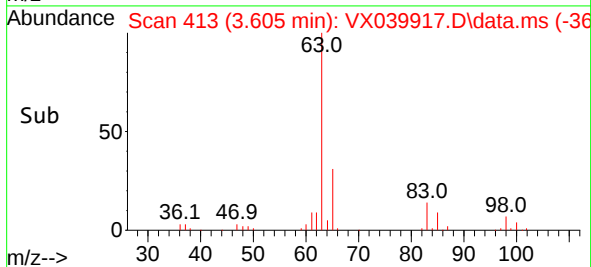
Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

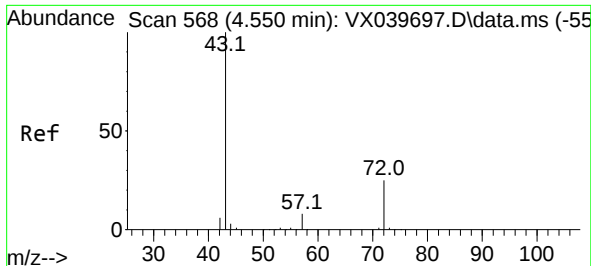


#24
 1,1-Dichloroethane
 Concen: 54.703 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12



Tgt Ion: 63 Resp: 94945
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.3 2.1 6.5





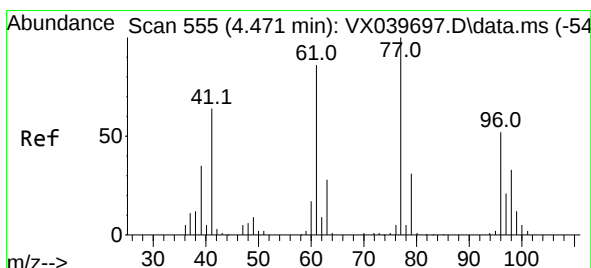
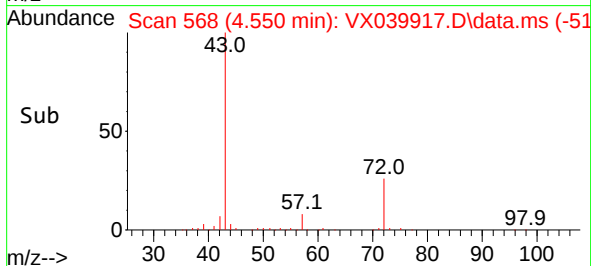
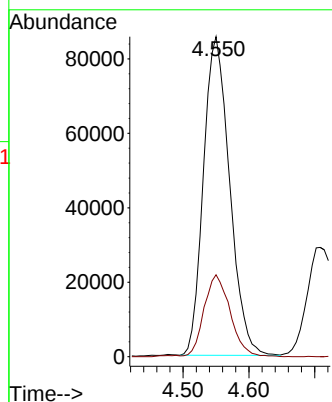
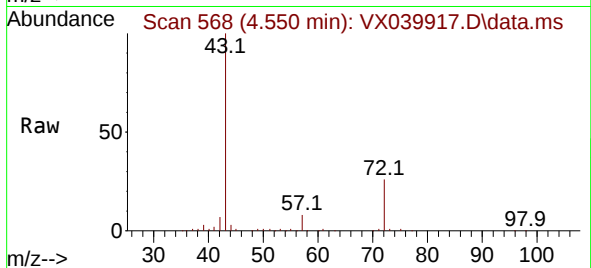
#25
2-Butanone
Concen: 250.930 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion: 43 Resp: 23709
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

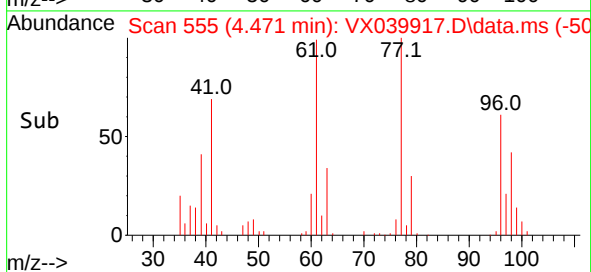
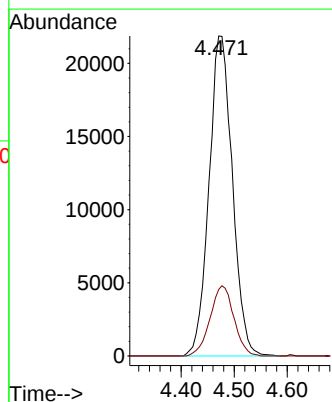
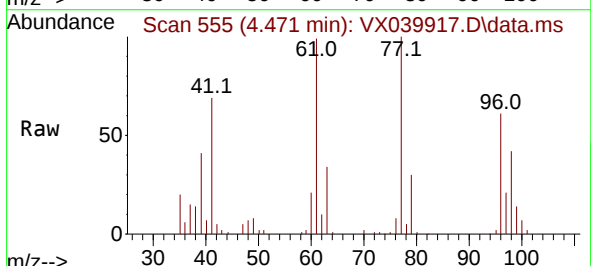
Manual Integrations
APPROVED

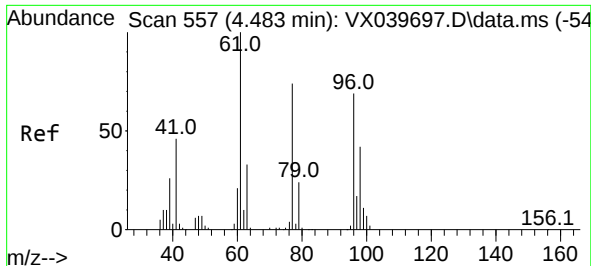
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#26
2,2-Dichloropropane
Concen: 48.027 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 77 Resp: 66902
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 56.123 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039917.D

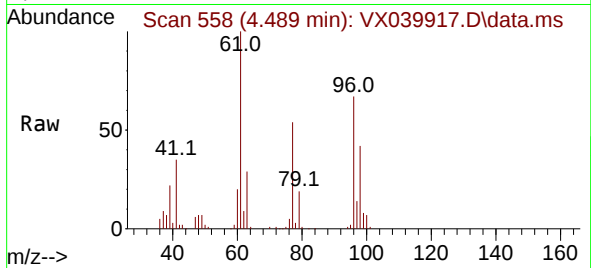
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



Tgt Ion: 96 Resp: 56900

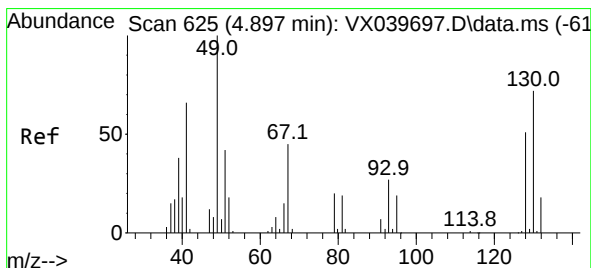
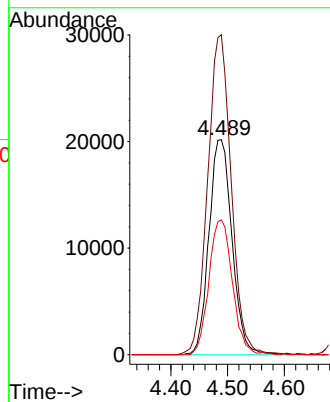
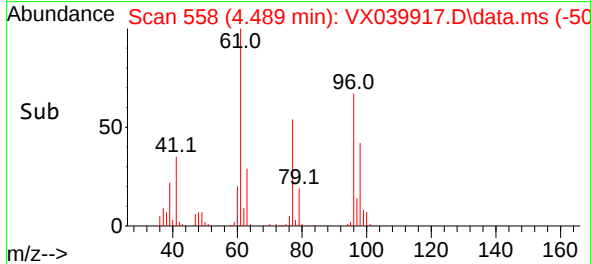
Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	312.2
98	63.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#28

Bromochloromethane

Concen: 51.562 ug/l

RT: 4.891 min Scan# 624

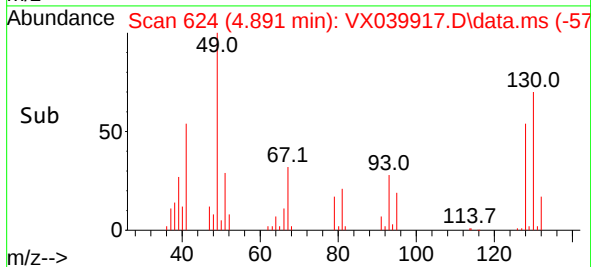
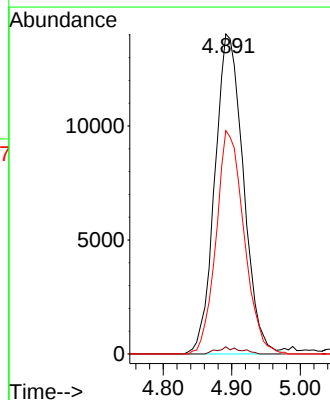
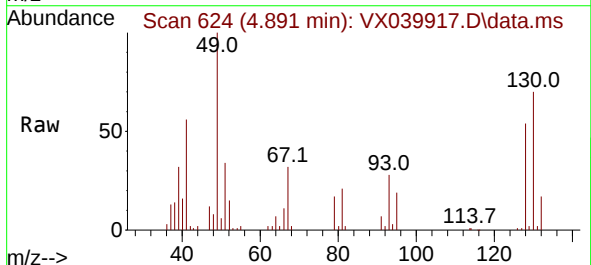
Delta R.T. -0.006 min

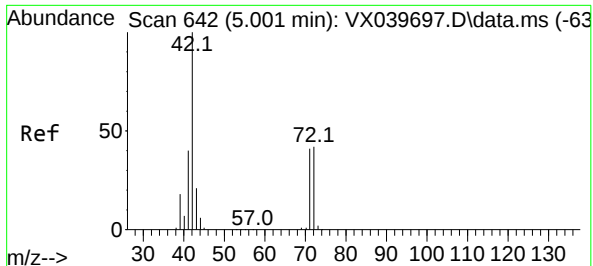
Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Tgt Ion: 49 Resp: 40567

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.2	57.5	86.3





#29

Tetrahydrofuran

Concen: 261.159 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX039917.D

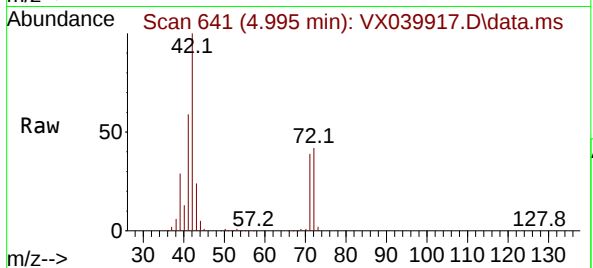
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



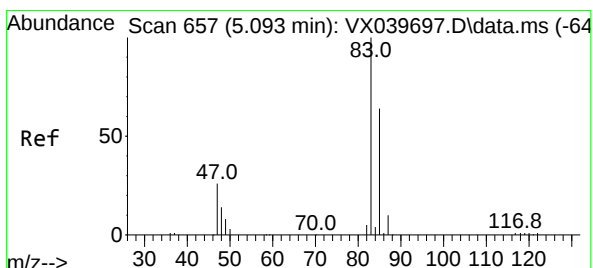
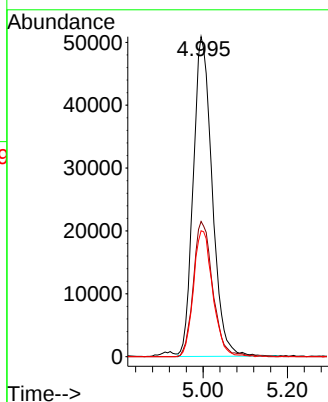
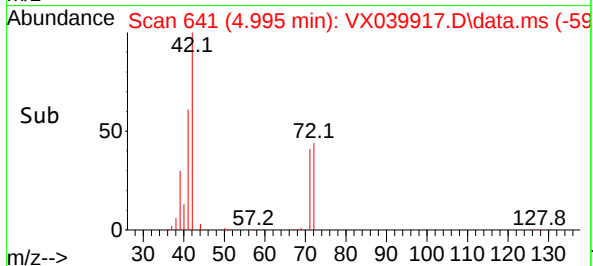
Tgt Ion:	42	Resp:	15882
Ion Ratio	Lower	Upper	
42	100		
72	43.5	34.2	51.4
71	40.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#30

Chloroform

Concen: 57.436 ug/l

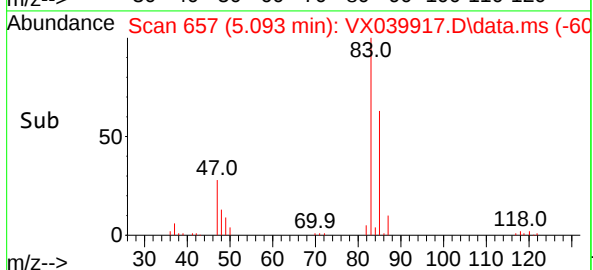
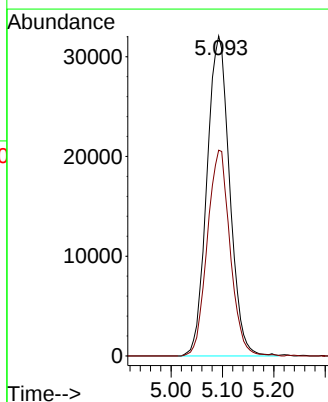
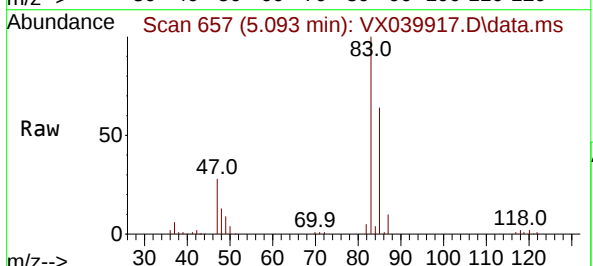
RT: 5.093 min Scan# 657

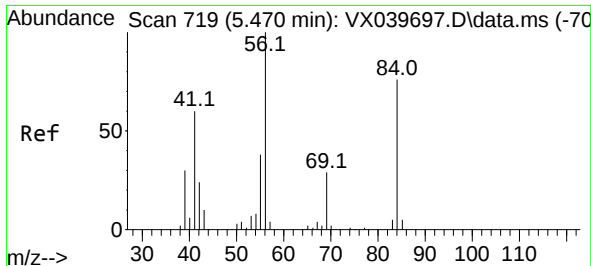
Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

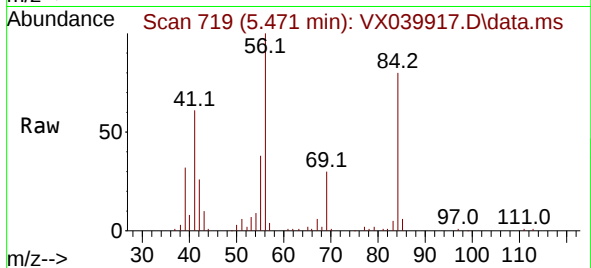
Tgt Ion:	83	Resp:	98412
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.3	75.5





#31
Cyclohexane
Concen: 50.177 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

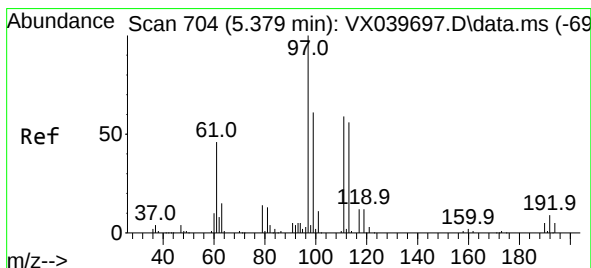
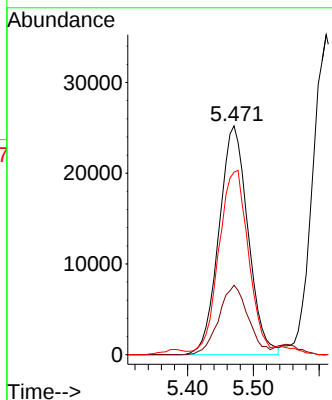
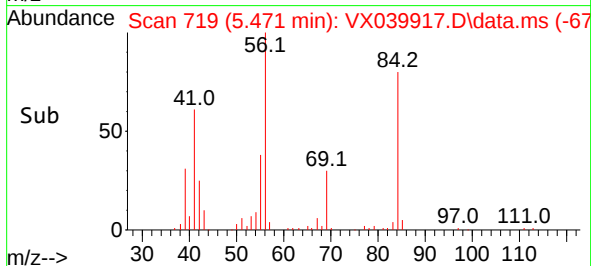
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 56 Resp: 77419
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 77.6 65.9 98.9

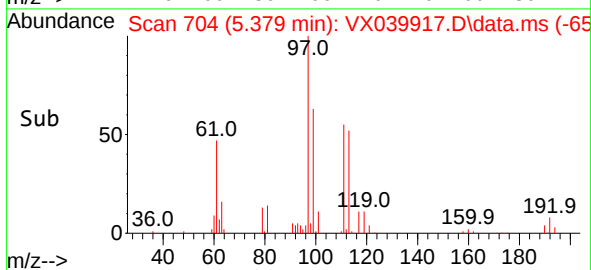
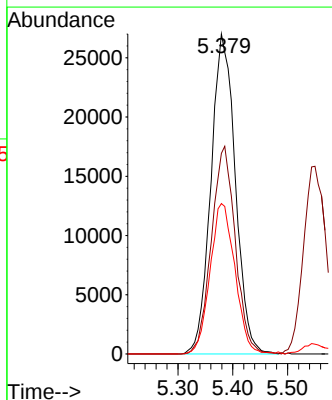
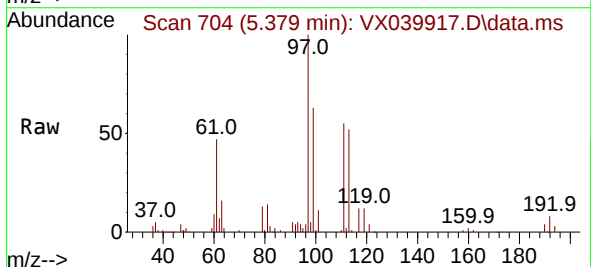
Manual Integrations
APPROVED

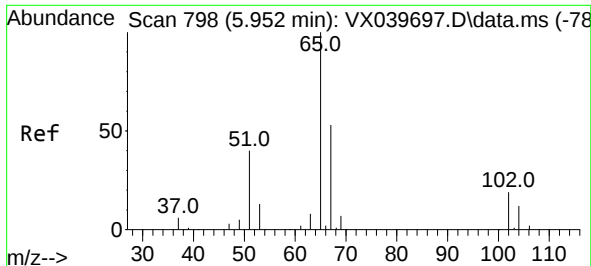
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#32
1,1,1-Trichloroethane
Concen: 56.902 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 97 Resp: 83468
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.723 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

Tgt Ion: 65 Resp: 55792

Ion Ratio Lower Upper

65 100

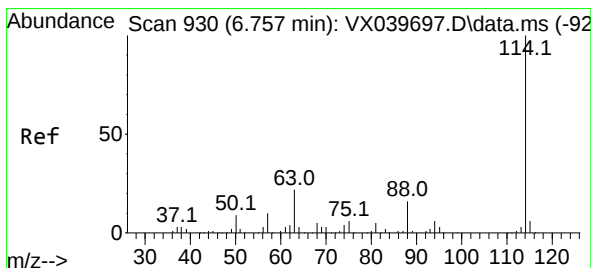
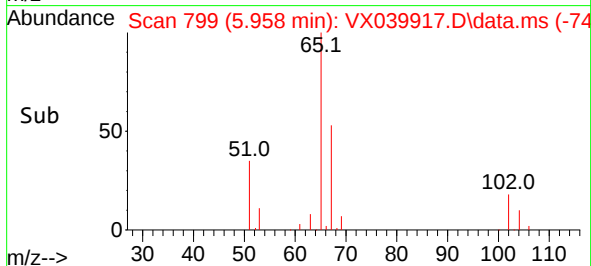
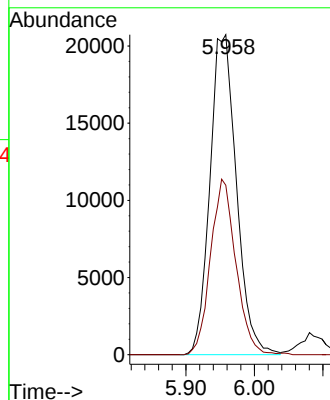
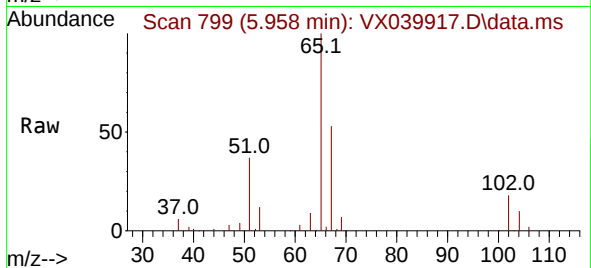
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

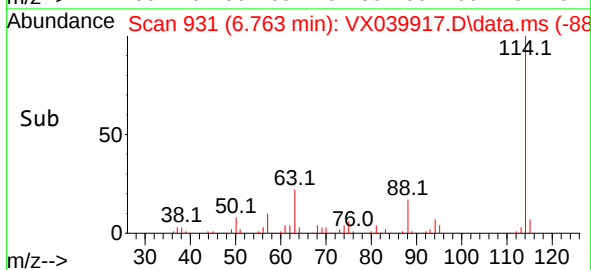
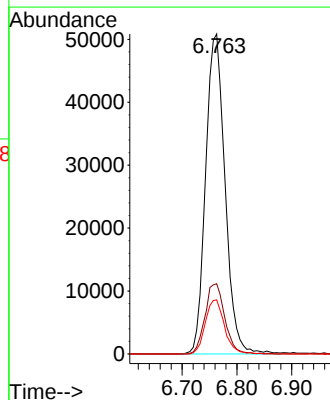
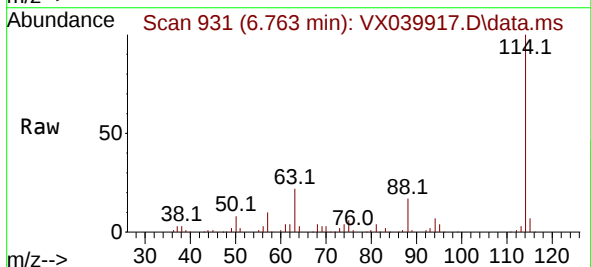
Tgt Ion:114 Resp: 124845

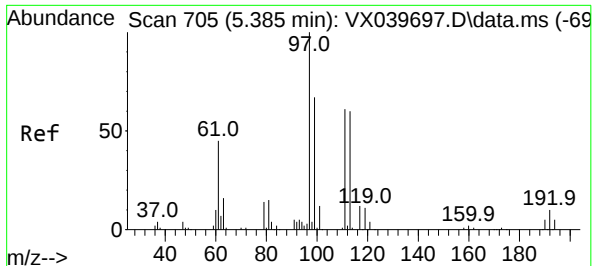
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.367 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039917.D

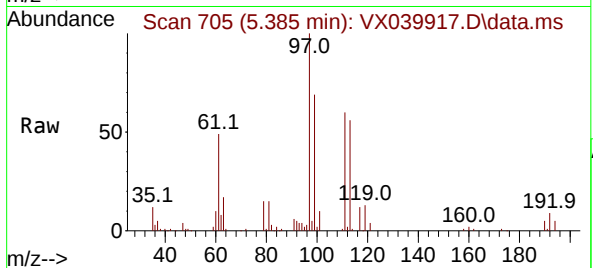
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



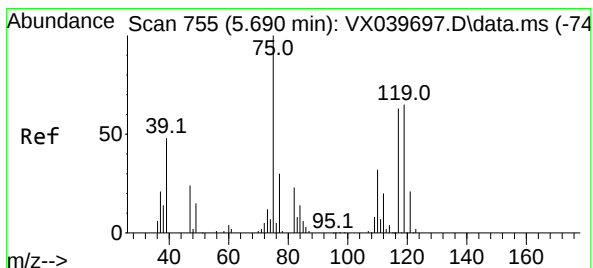
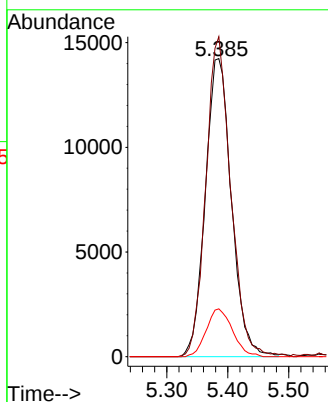
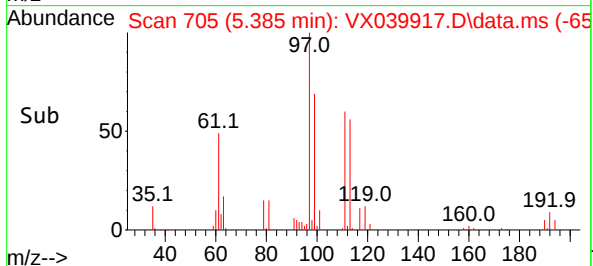
Tgt Ion:	113	Resp:	4235
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	16.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#36

1,1-Dichloropropene

Concen: 53.362 ug/l

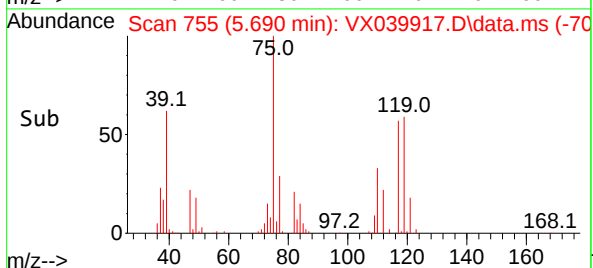
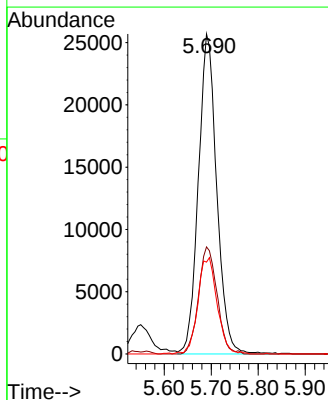
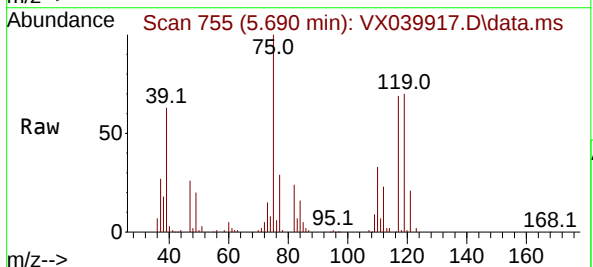
RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

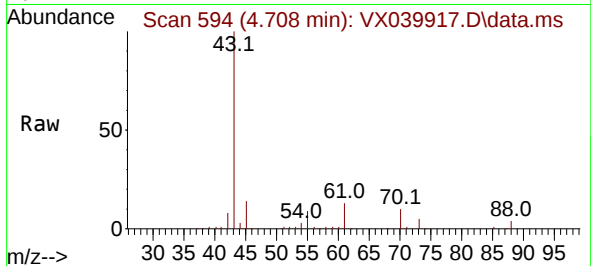
Tgt Ion:	75	Resp:	69844
Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.0	50.9
77	31.5	24.7	37.1





#37
Ethyl Acetate
Concen: 50.844 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

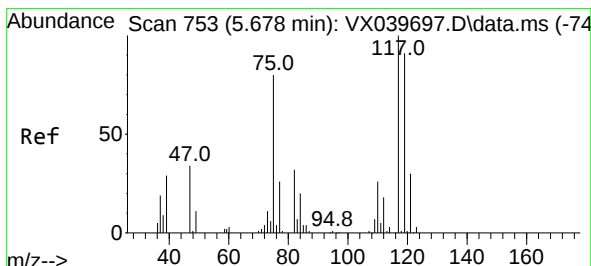
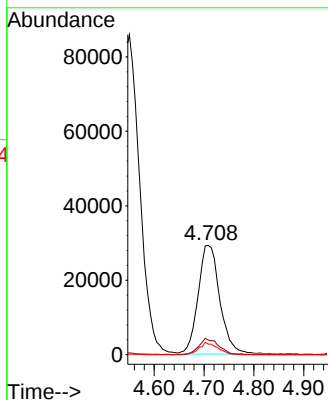
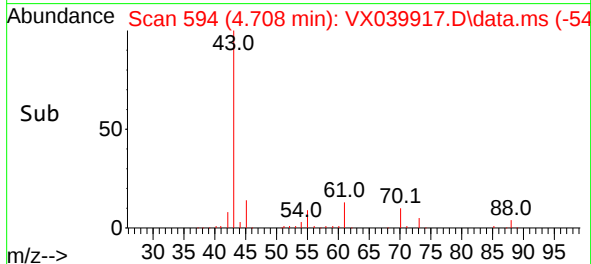
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 43 Resp: 8878
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 9.5 8.3 12.5

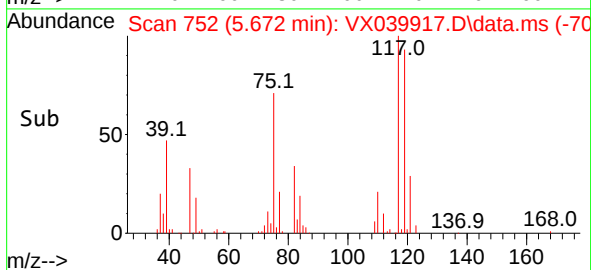
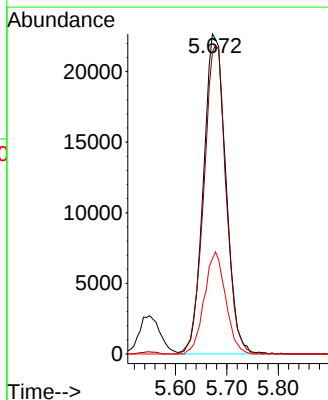
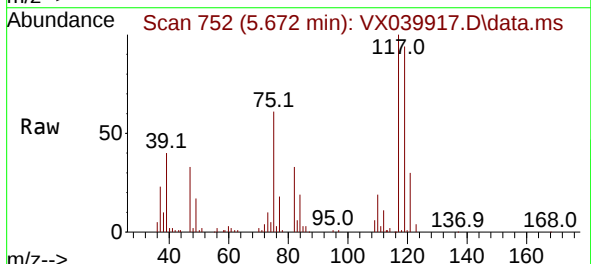
Manual Integrations
APPROVED

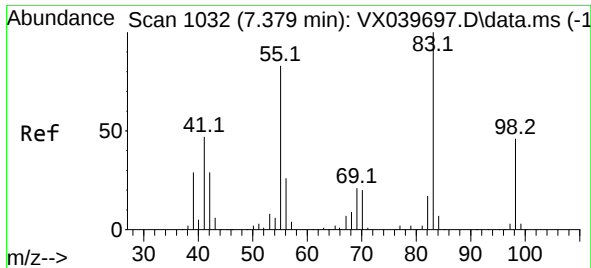
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#38
Carbon Tetrachloride
Concen: 57.126 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

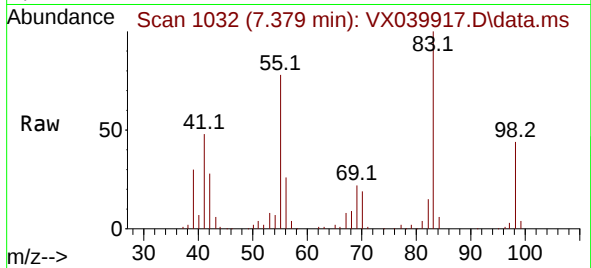
Tgt Ion:117 Resp: 68482
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 29.8 24.4 36.6





#39
Methylcyclohexane
Concen: 51.582 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

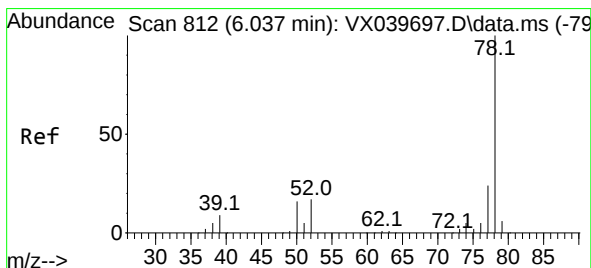
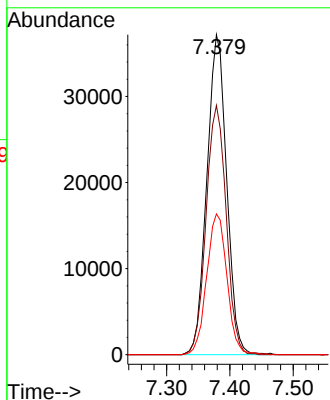
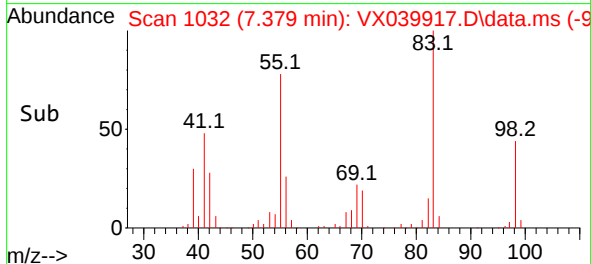
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 83 Resp: 8107
Ion Ratio Lower Upper
83 100
55 77.9 64.6 97.0
98 44.0 36.7 55.1

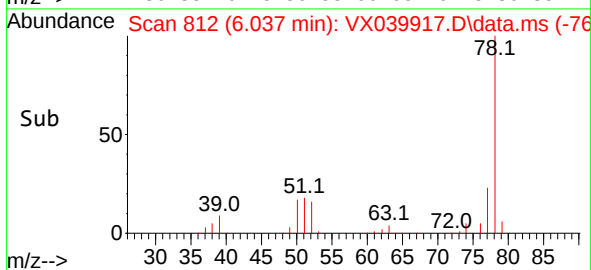
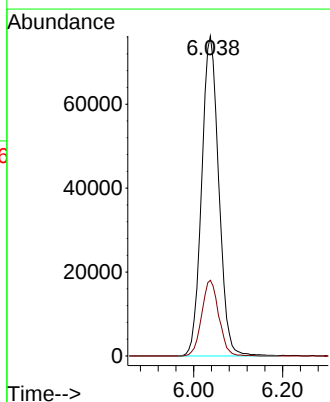
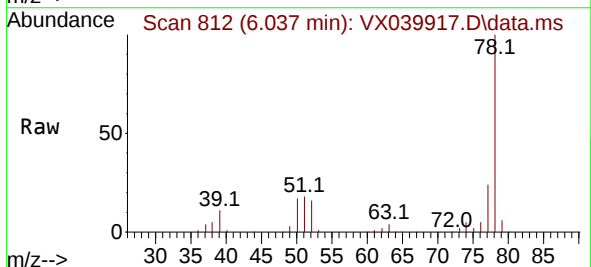
Manual Integrations
APPROVED

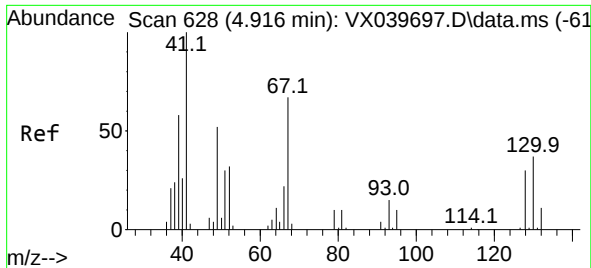
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#40
Benzene
Concen: 55.158 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

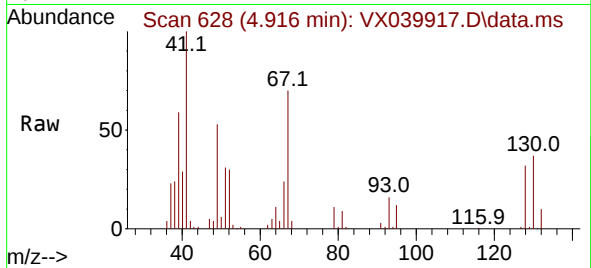
Tgt Ion: 78 Resp: 204431
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 55.591 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

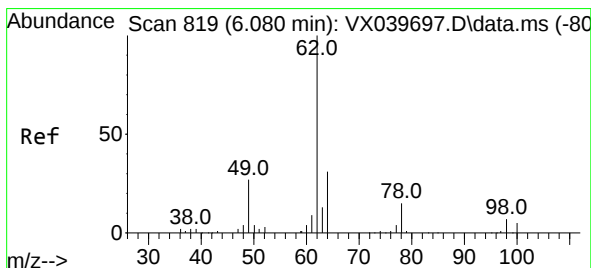
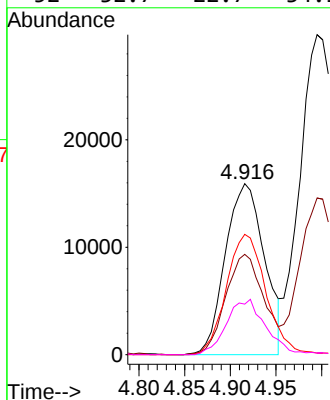
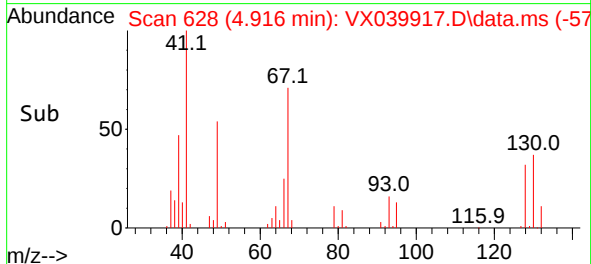
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 41 Resp: 47468
Ion Ratio Lower Upper
41 100
39 57.0 45.2 67.8
67 71.3 52.6 78.8
52 32.7 22.7 34.1

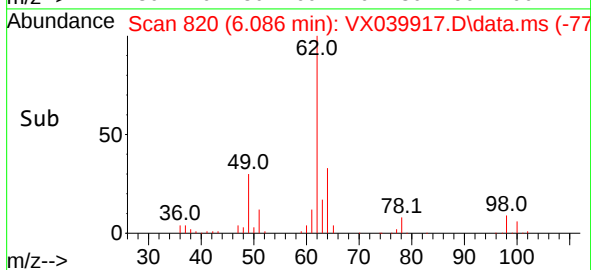
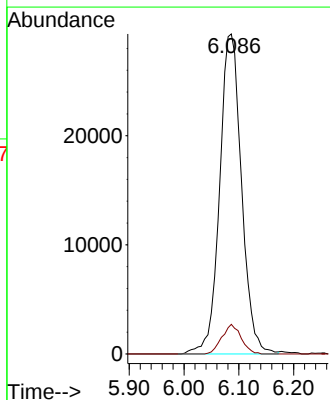
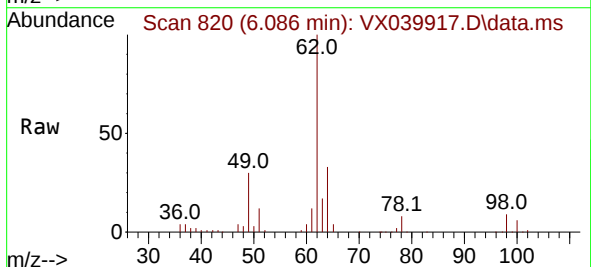
Manual Integrations
APPROVED

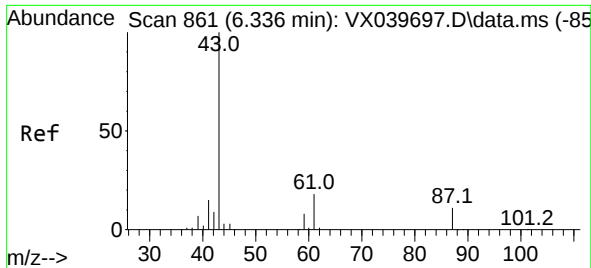
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#42
1,2-Dichloroethane
Concen: 57.832 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

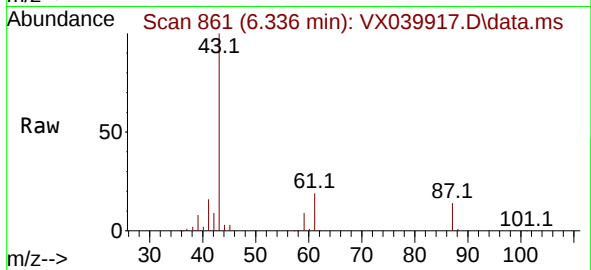
Tgt Ion: 62 Resp: 81489
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.152 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

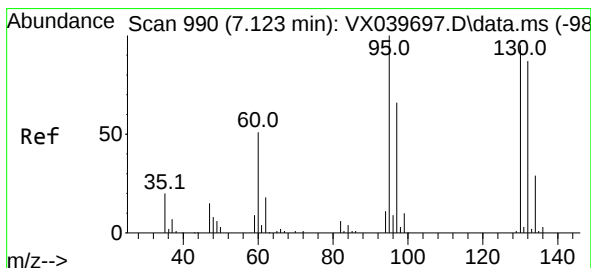
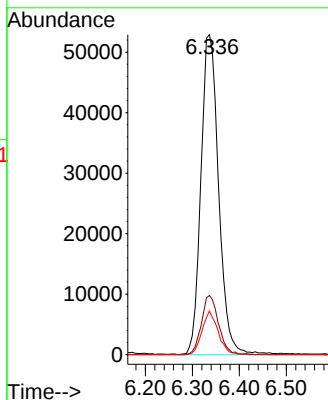
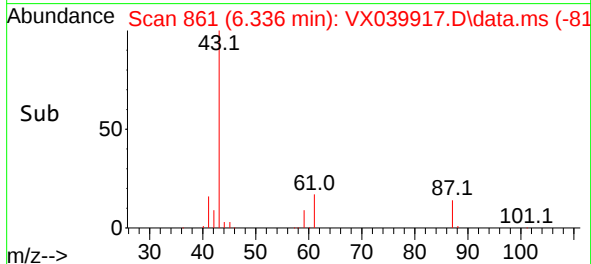
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 43 Resp: 13871
Ion Ratio Lower Upper
43 100
61 17.8 15.2 22.8
87 12.3 9.8 14.6

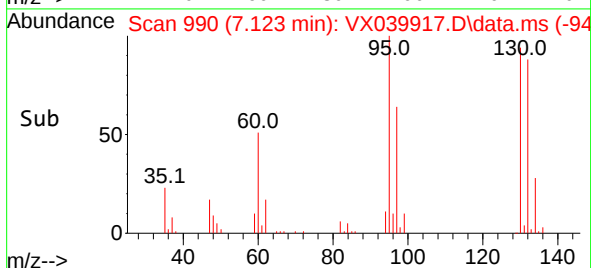
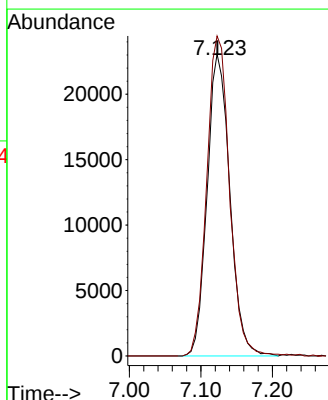
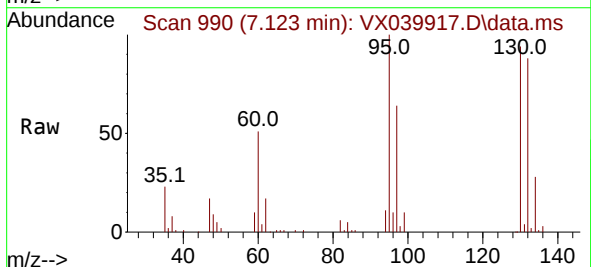
Manual Integrations
APPROVED

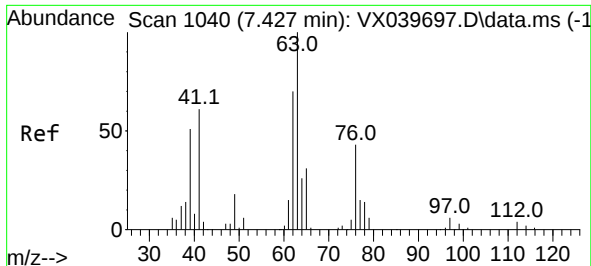
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#44
Trichloroethene
Concen: 55.989 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:130 Resp: 50856
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.427 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039917.D

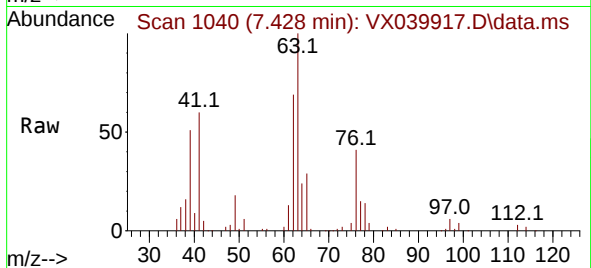
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



Tgt Ion: 63 Resp: 5510

Ion Ratio Lower Upper

63 100

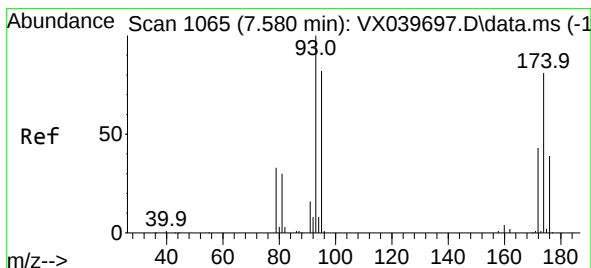
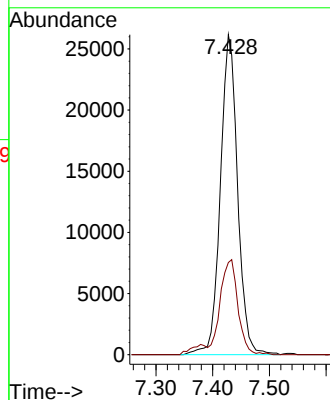
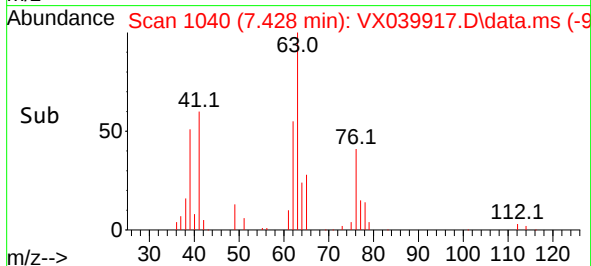
65 28.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#46

Dibromomethane

Concen: 59.032 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

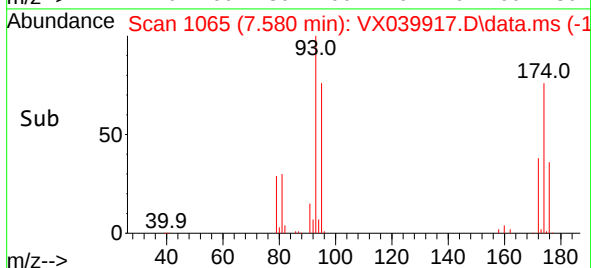
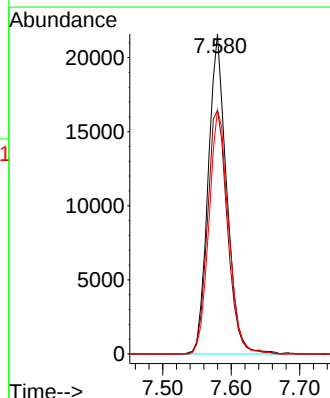
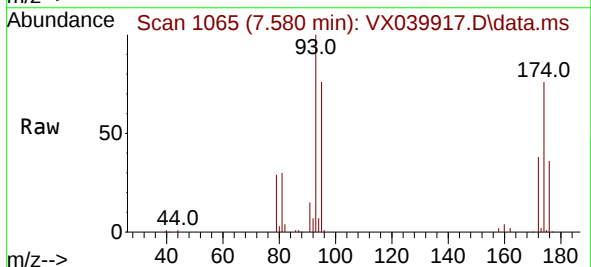
Tgt Ion: 93 Resp: 40538

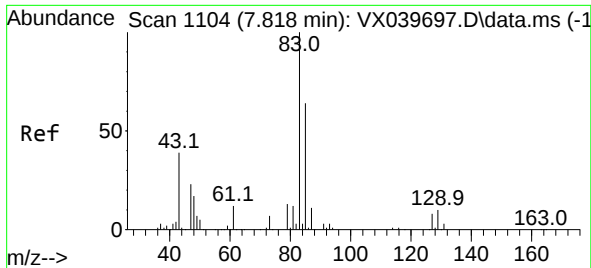
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

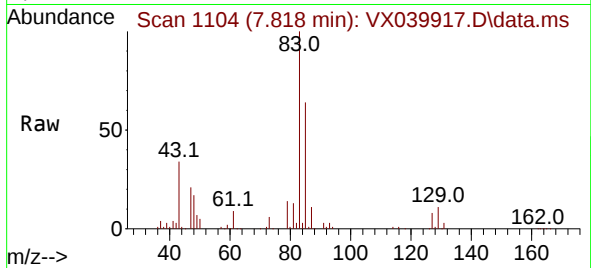
174 80.3 69.4 104.0





#47
Bromodichloromethane
Concen: 60.338 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

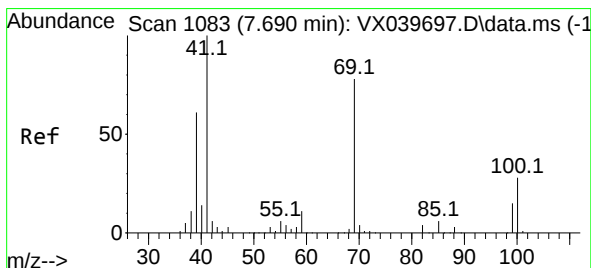
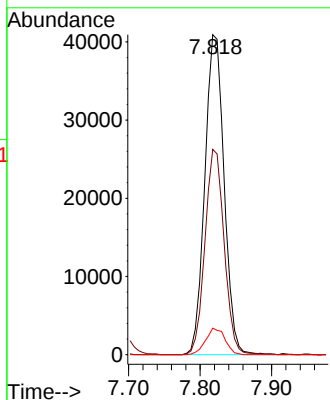
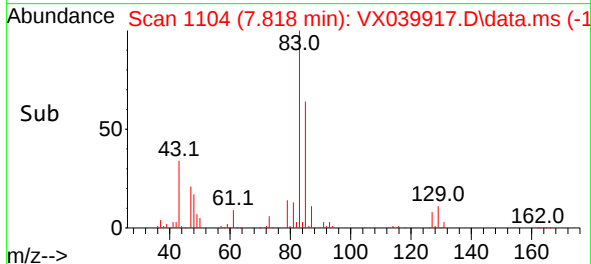
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



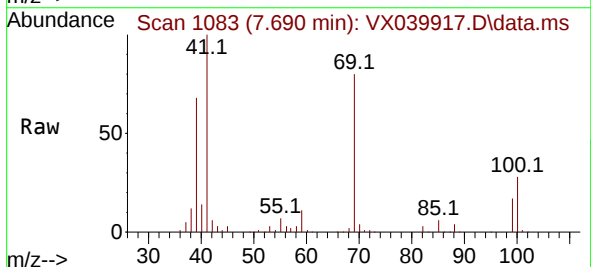
Tgt Ion: 83 Resp: 76740
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations
APPROVED

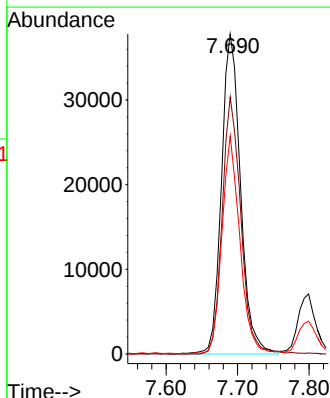
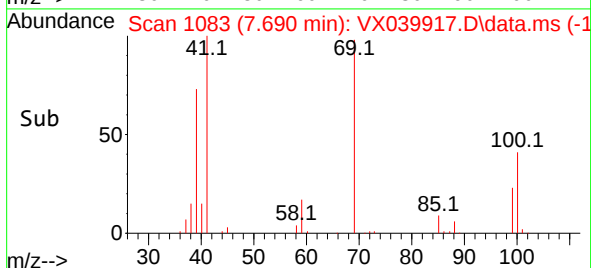
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

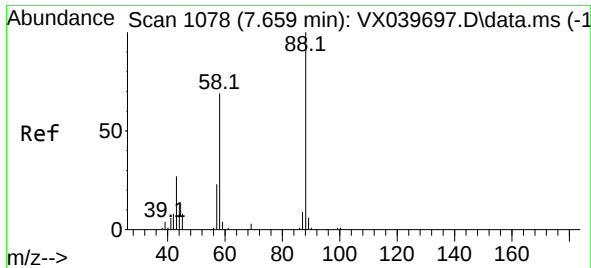


#48
Methyl methacrylate
Concen: 55.613 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion: 41 Resp: 70020
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 64.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1053.136 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

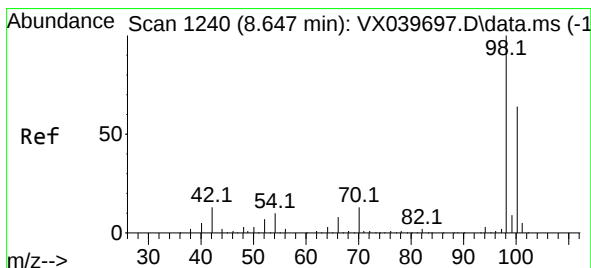
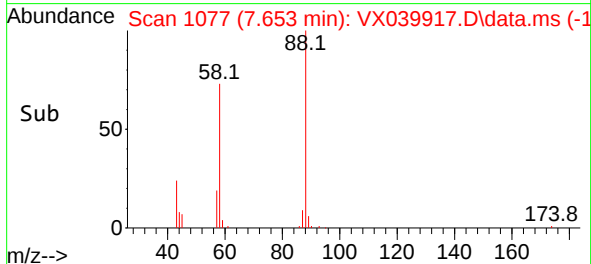
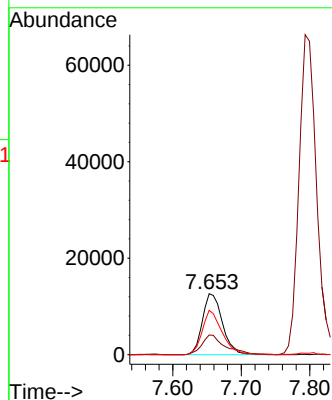
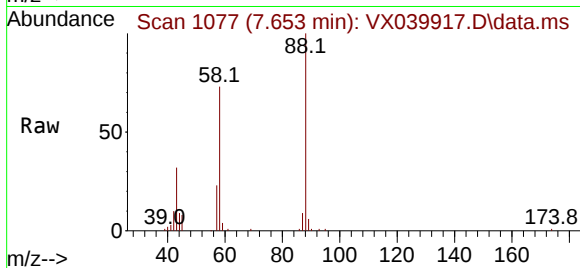
Tgt Ion:	88	Resp:	2565
Ion	Ratio	Lower	Upper
88	100		
43	37.3	0.0	0.0
58	72.2	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#50

Toluene-d8

Concen: 48.147 ug/l

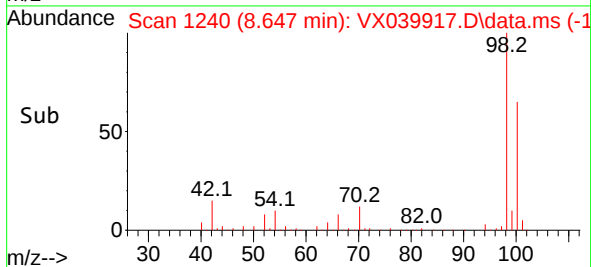
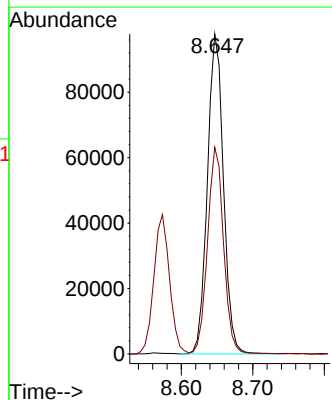
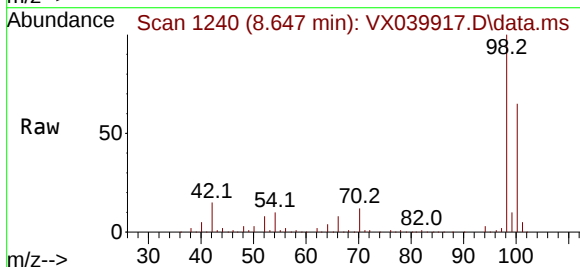
RT: 8.647 min Scan# 1240

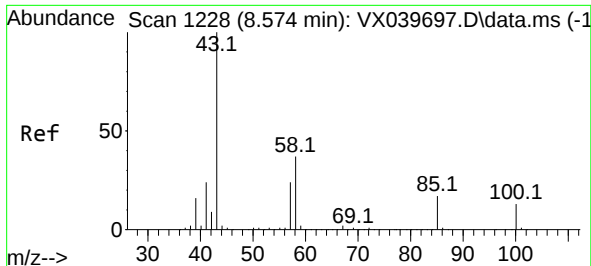
Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

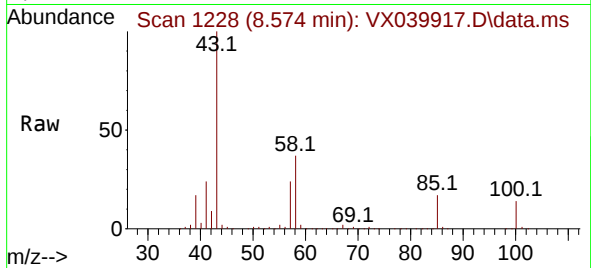
Tgt Ion:	98	Resp:	152697
Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 278.236 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

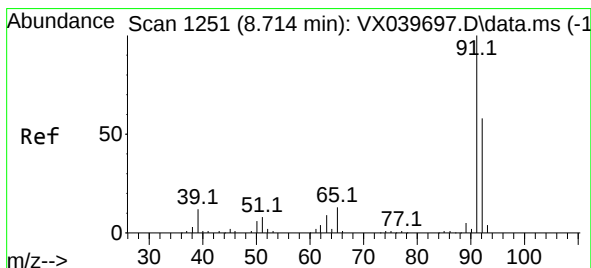
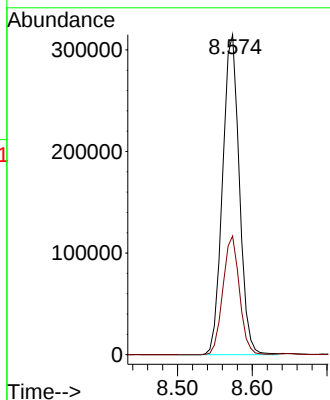
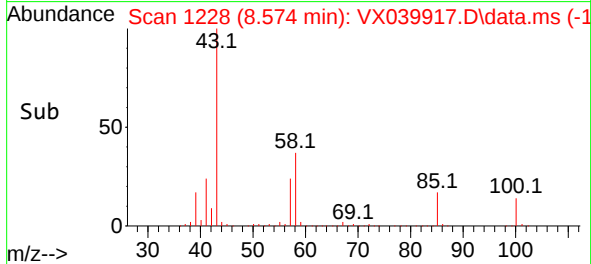
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion: 43 Resp: 490840
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

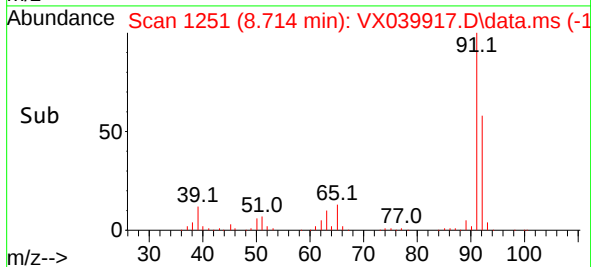
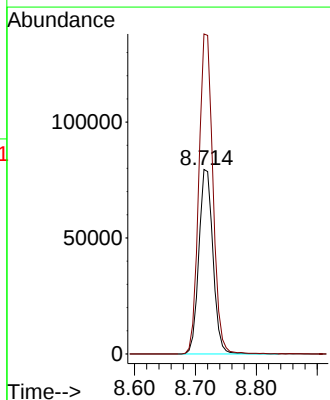
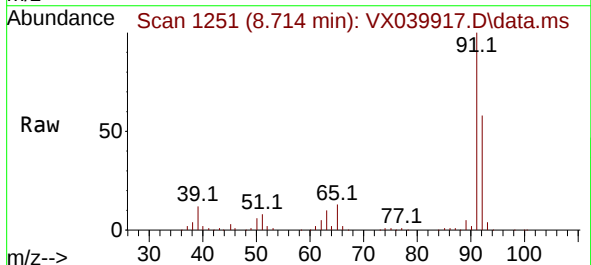
Manual Integrations
APPROVED

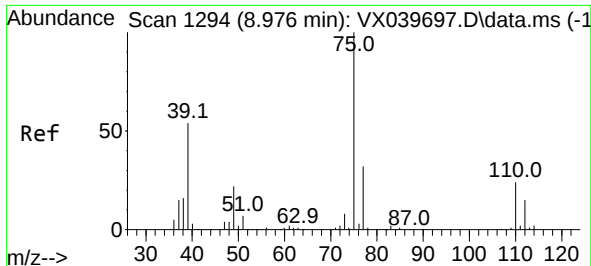
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#52
Toluene
Concen: 57.602 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion: 92 Resp: 127515
Ion Ratio Lower Upper
92 100
91 173.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 57.726 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

Tgt Ion: 75 Resp: 7790

Ion Ratio Lower Upper

75 100

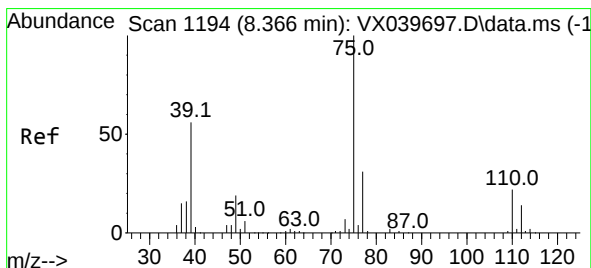
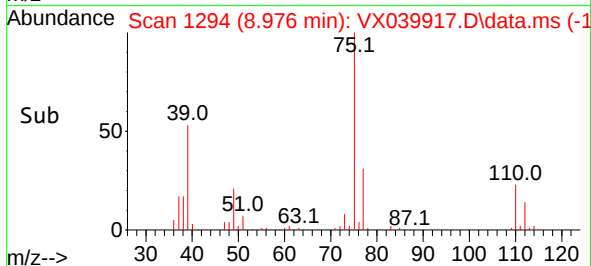
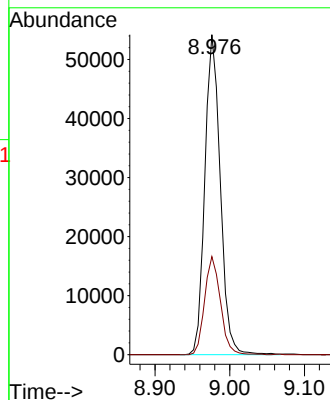
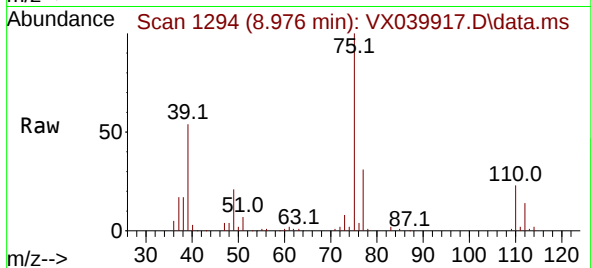
77 30.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#54

cis-1,3-Dichloropropene

Concen: 54.815 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

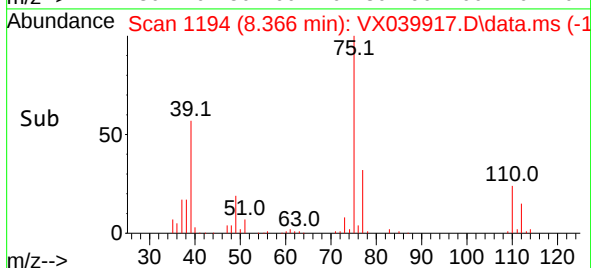
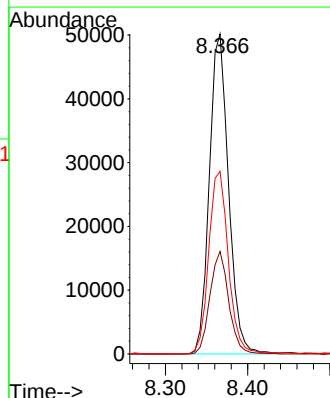
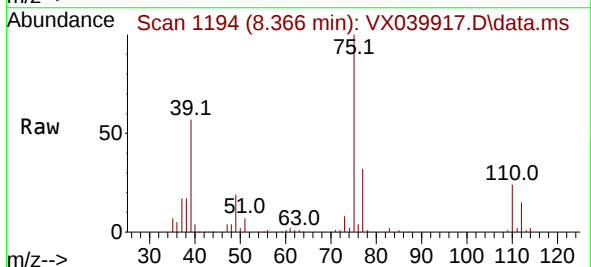
Tgt Ion: 75 Resp: 81343

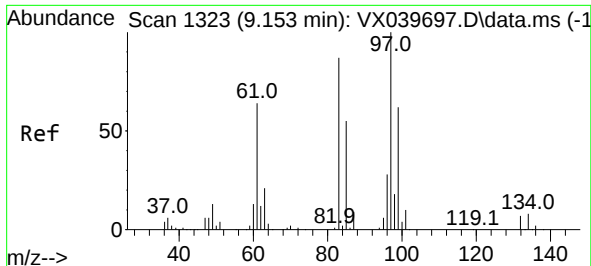
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

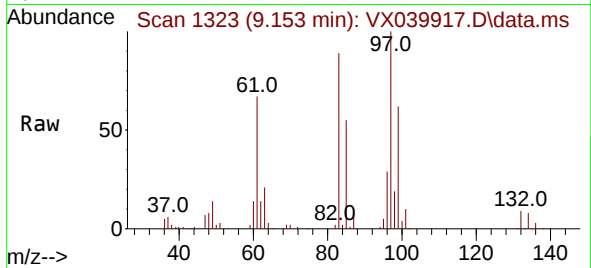
39 57.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 57.380 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

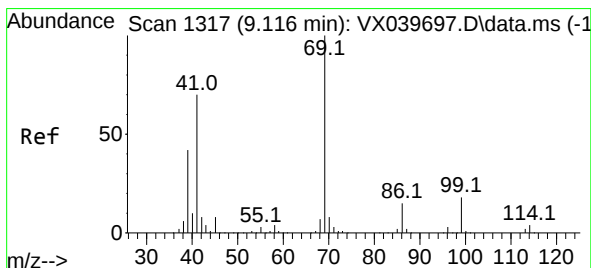
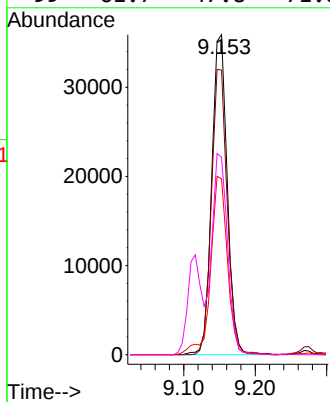
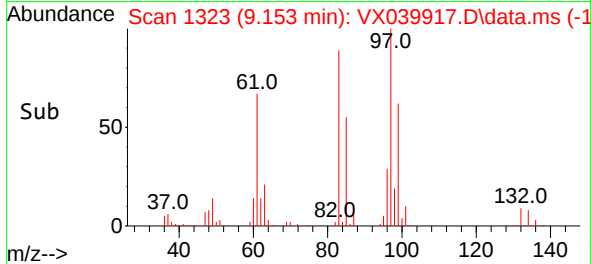
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



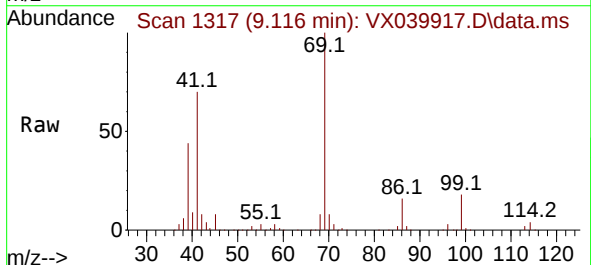
Tgt Ion: 97 Resp: 5408
Ion Ratio Lower Upper
97 100
83 88.9 65.8 98.8
85 54.8 41.6 62.4
99 61.7 47.8 71.8

Manual Integrations
APPROVED

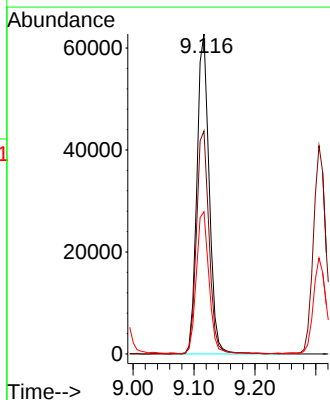
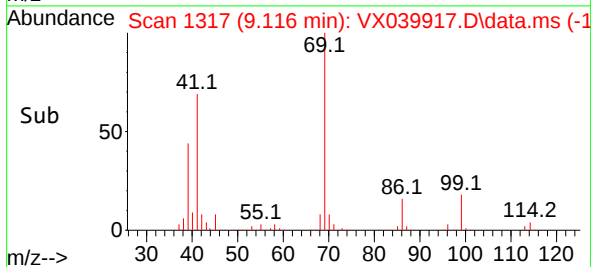
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

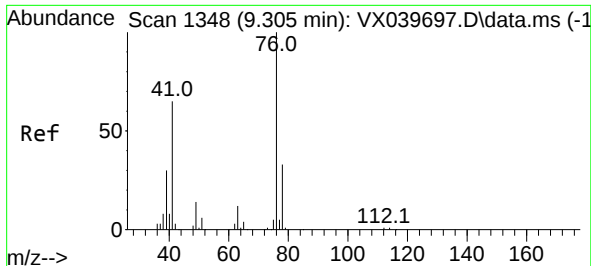


#56
Ethyl methacrylate
Concen: 57.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion: 69 Resp: 87551
Ion Ratio Lower Upper
69 100
41 72.0 56.8 85.2
39 46.7 32.0 48.0





#57

1,3-Dichloropropane

Concen: 57.541 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

Tgt Ion: 76 Resp: 91900

Ion Ratio Lower Upper

76 100

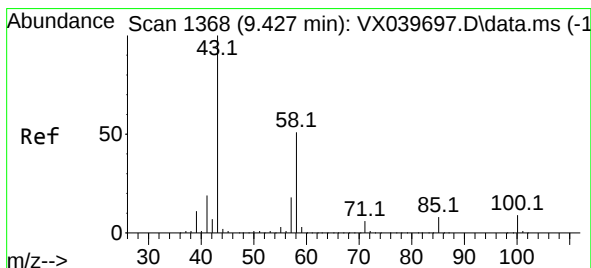
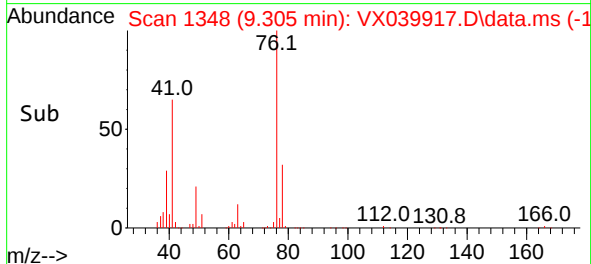
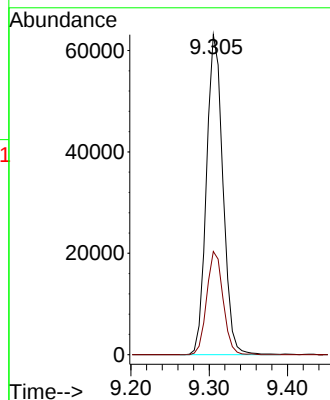
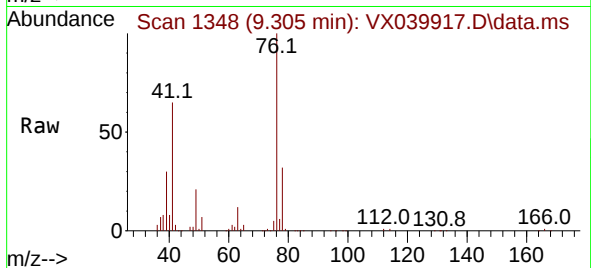
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#59

2-Hexanone

Concen: 278.991 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039917.D

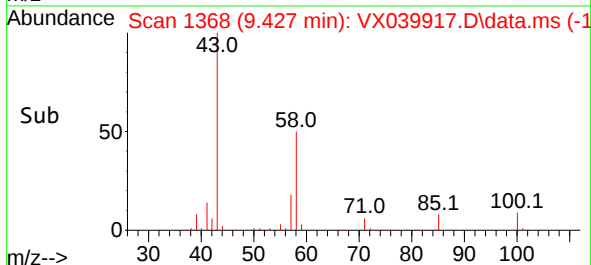
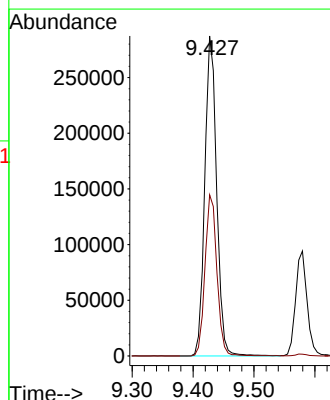
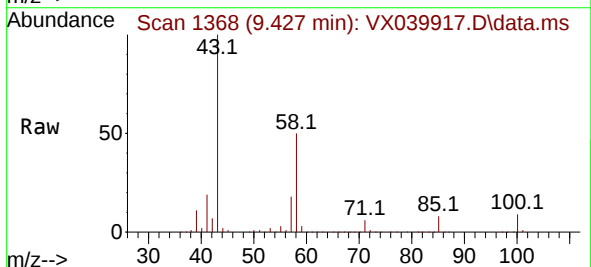
Acq: 23 Jan 2024 18:12

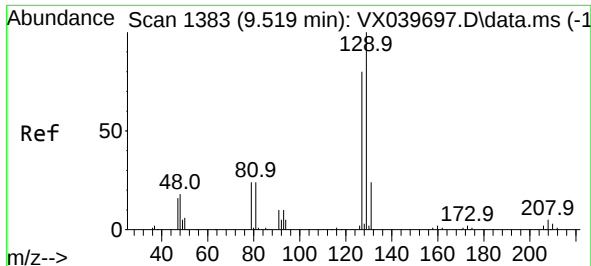
Tgt Ion: 43 Resp: 389532

Ion Ratio Lower Upper

43 100

58 50.5 26.2 78.5





#60

Dibromochloromethane

Concen: 63.136 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

Tgt Ion:129 Resp: 5611

Ion Ratio Lower Upper

129 100

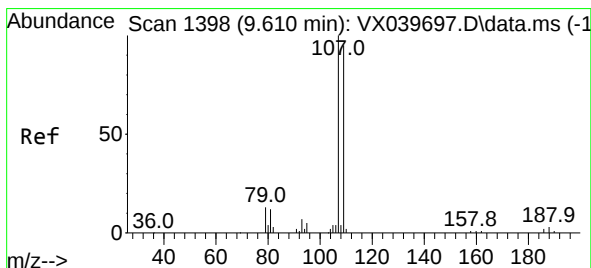
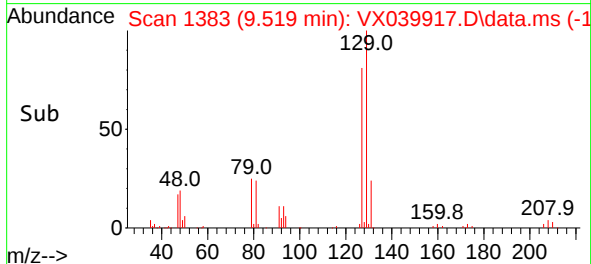
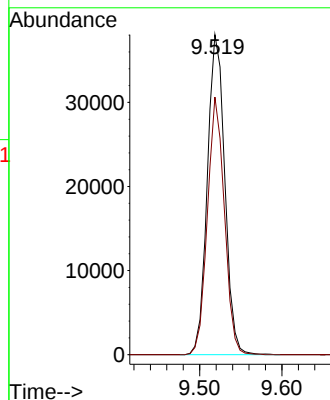
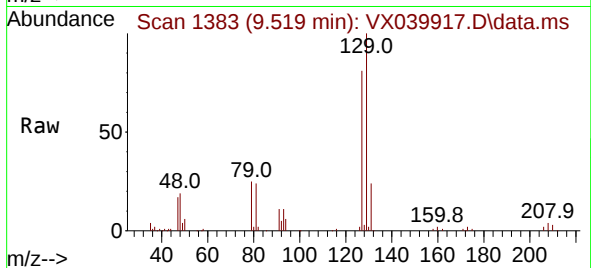
127 78.3 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#61

1,2-Dibromoethane

Concen: 59.940 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039917.D

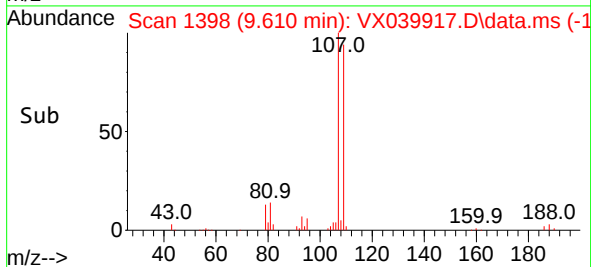
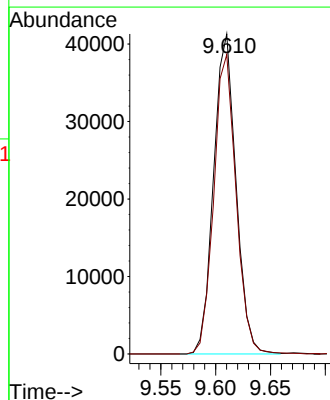
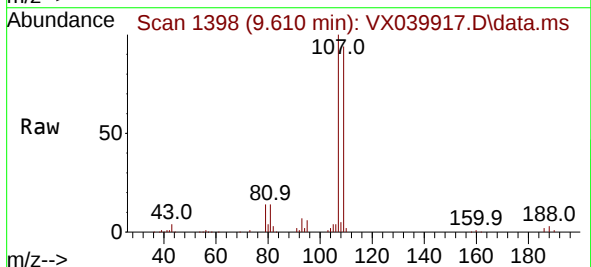
Acq: 23 Jan 2024 18:12

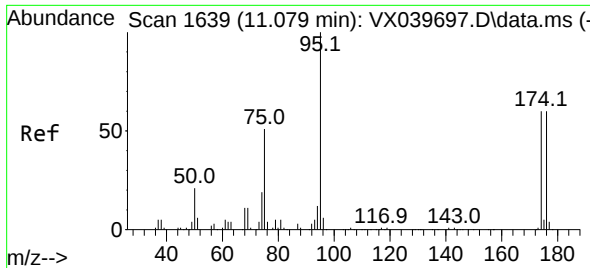
Tgt Ion:107 Resp: 58503

Ion Ratio Lower Upper

107 100

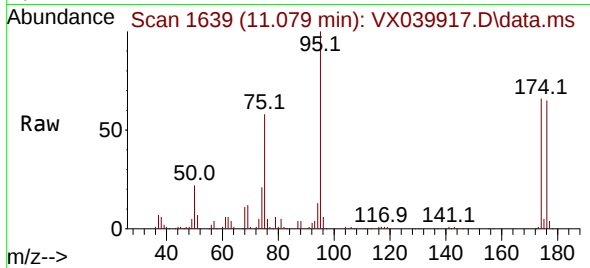
109 93.5 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

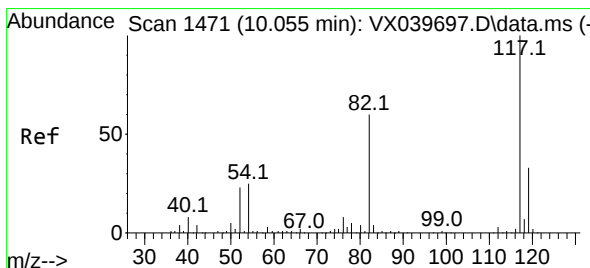
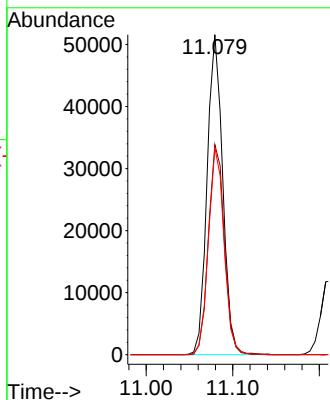
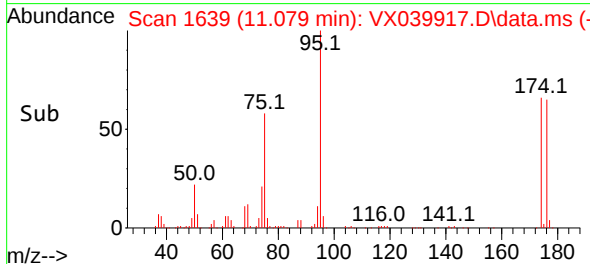
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



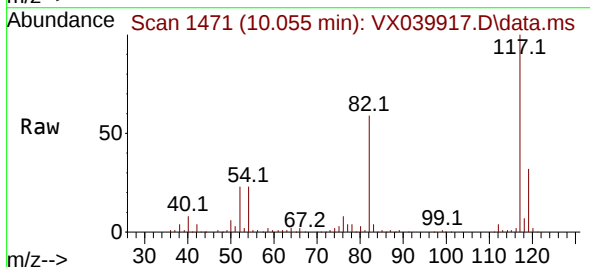
Tgt Ion: 95 Resp: 64228
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 65.0 0.0 131.0

Manual Integrations
APPROVED

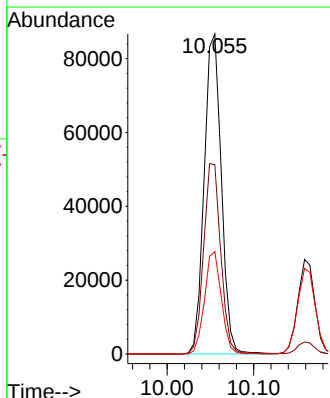
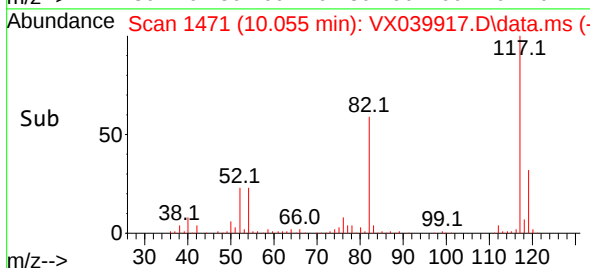
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

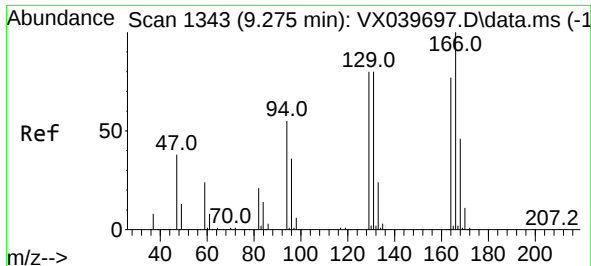


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



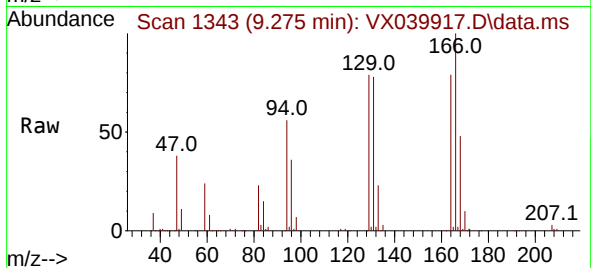
Tgt Ion:117 Resp: 119336
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.0 25.5 38.3





#64
Tetrachloroethene
Concen: 53.870 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

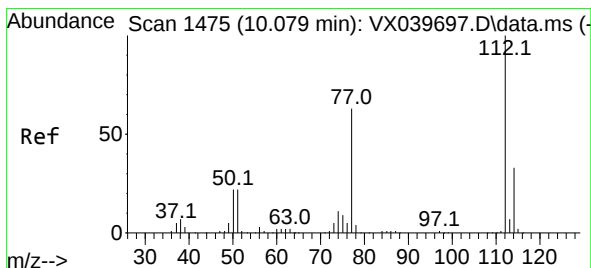
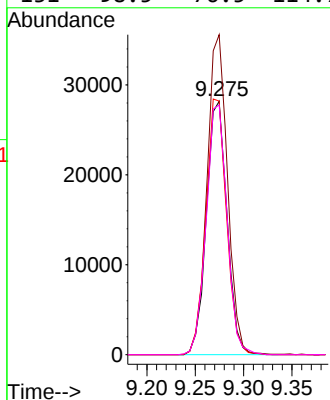
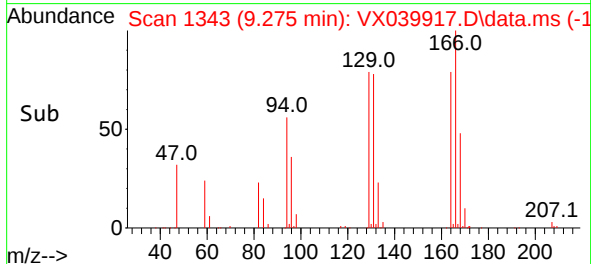
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion:164 Resp: 4180
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 100.0 80.4 120.6
131 98.5 76.5 114.7

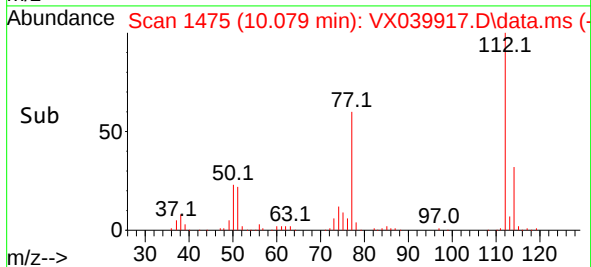
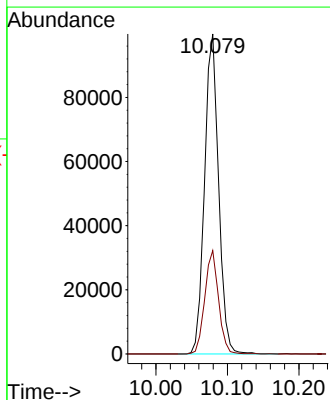
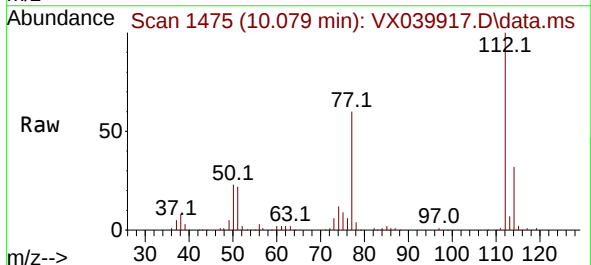
Manual Integrations
APPROVED

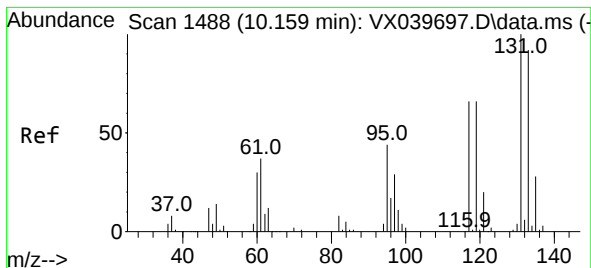
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#65
Chlorobenzene
Concen: 54.792 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

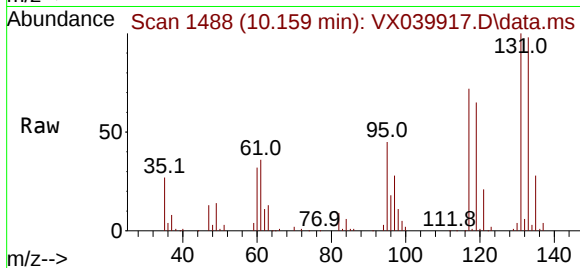
Tgt Ion:112 Resp: 136185
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 59.183 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

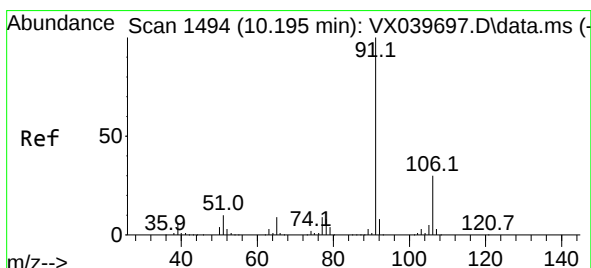
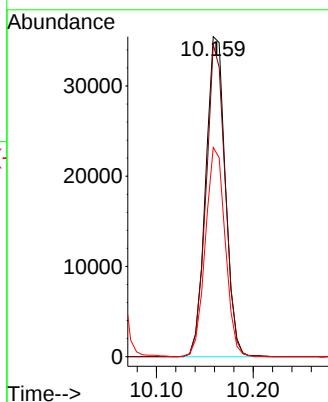
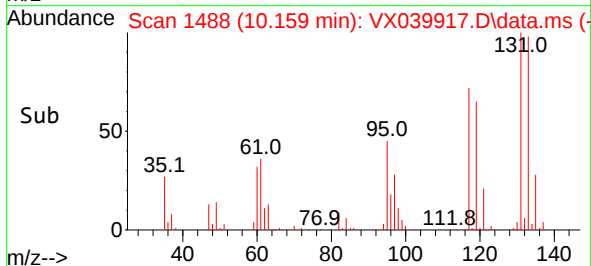
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



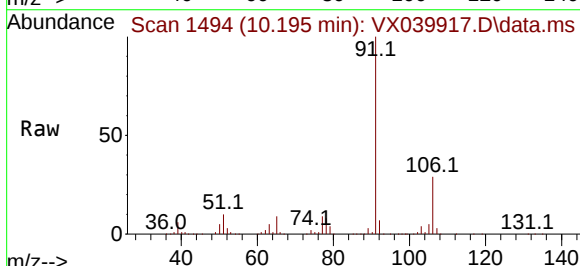
Tgt Ion:131 Resp: 50088
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.9 32.2 96.6

Manual Integrations
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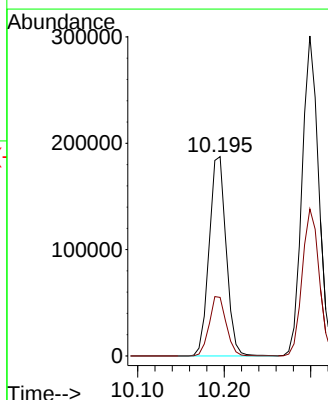
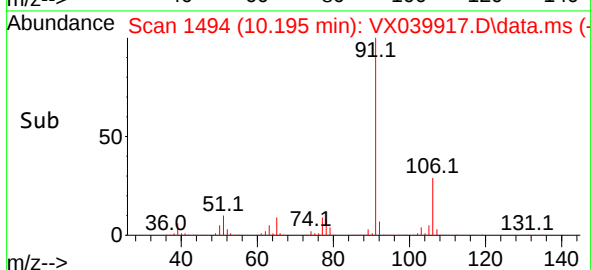
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

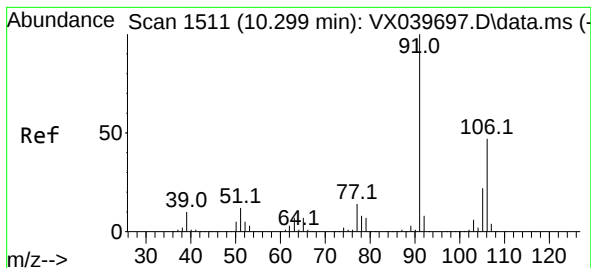


#67
Ethyl Benzene
Concen: 55.498 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



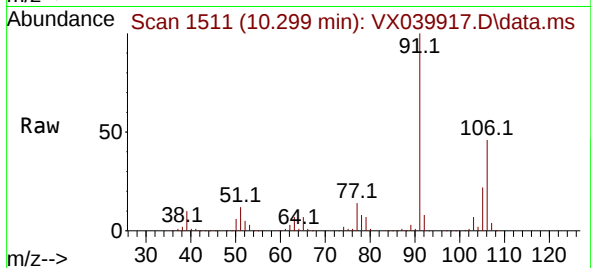
Tgt Ion: 91 Resp: 256092
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3





#68
m/p-Xylenes
Concen: 111.346 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

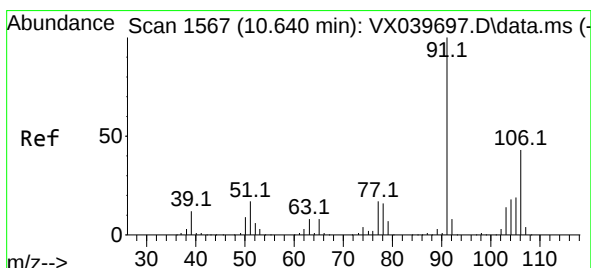
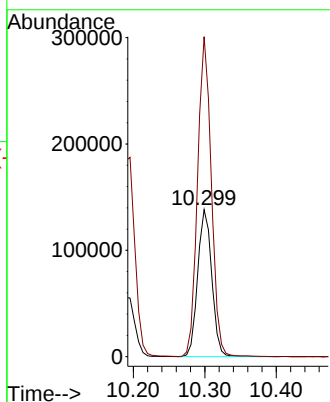
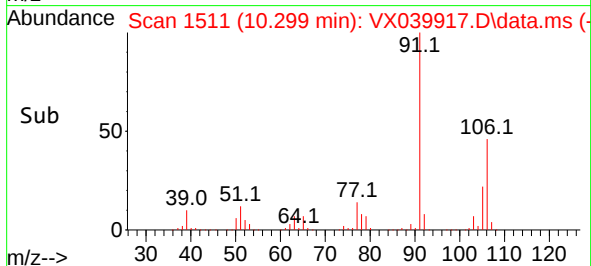
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



Tgt Ion:106 Resp: 18896
Ion Ratio Lower Upper
106 100
91 213.0 165.5 248.3

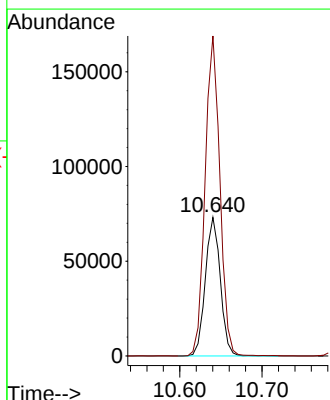
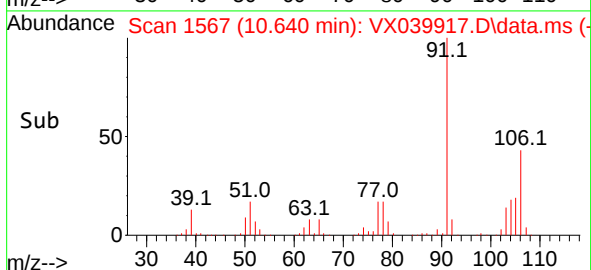
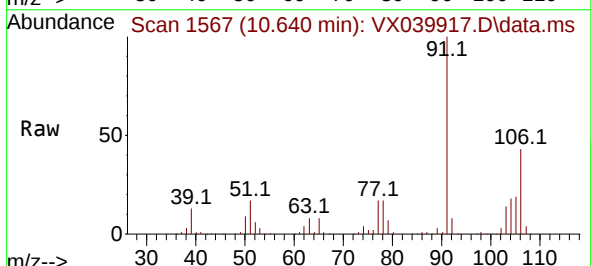
Manual Integrations
APPROVED

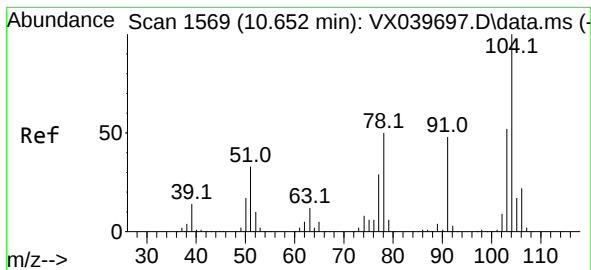
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#69
o-Xylene
Concen: 55.082 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:106 Resp: 92573
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8





#70

Styrene

Concen: 54.845 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

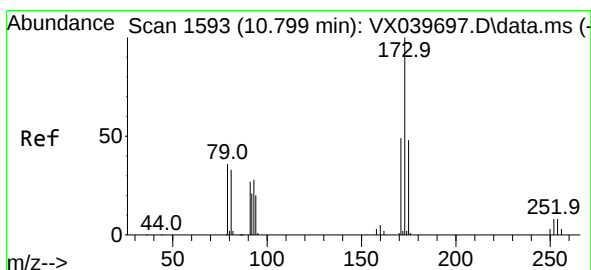
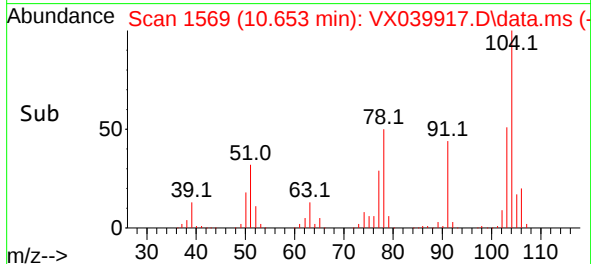
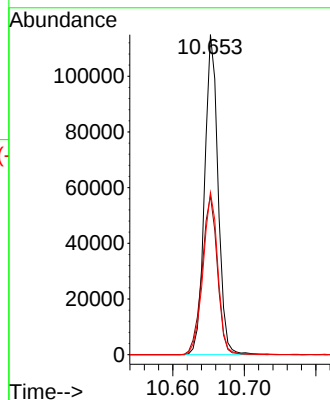
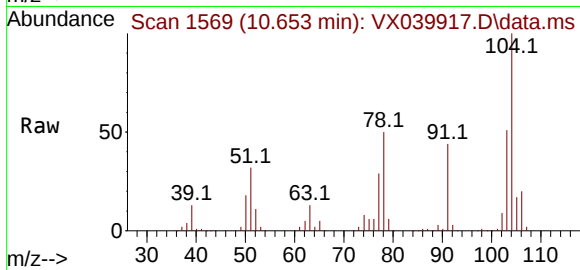
Tgt Ion:104	Resp: 15057
Ion Ratio	Lower Upper
104 100	
78 56.4	43.6 65.4
103 55.9	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#71

Bromoform

Concen: 61.247 ug/l

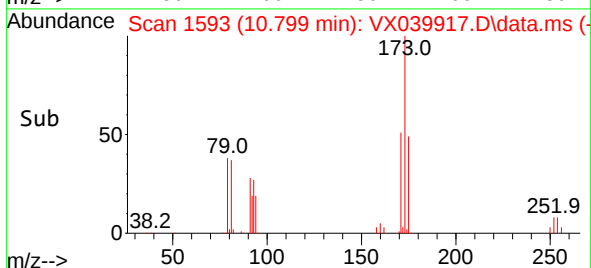
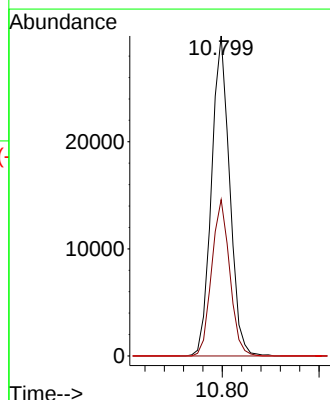
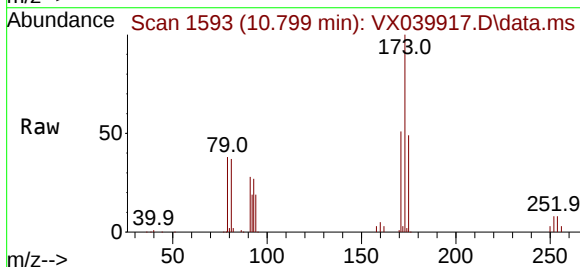
RT: 10.799 min Scan# 1593

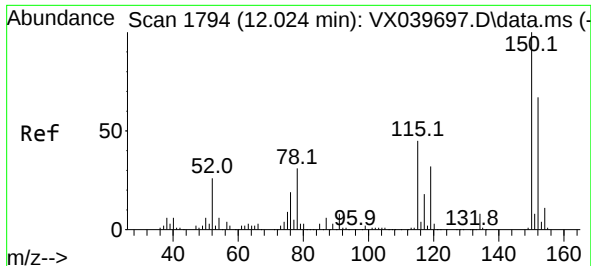
Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

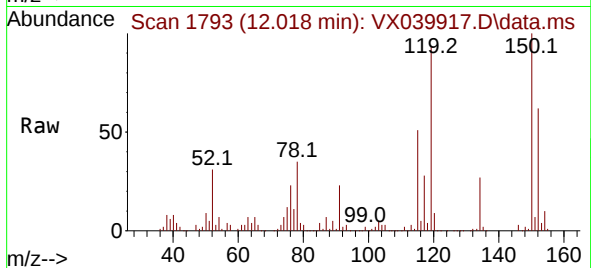
Tgt Ion:173	Resp: 38922
Ion Ratio	Lower Upper
173 100	
175 48.6	24.1 72.4
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

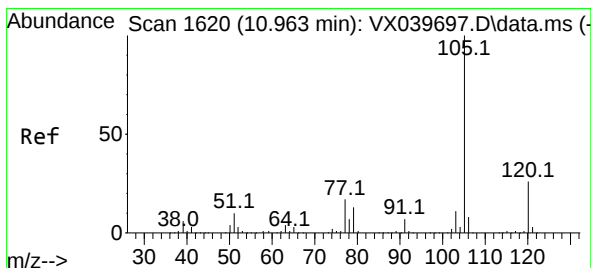
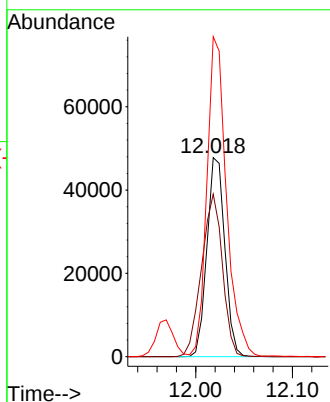
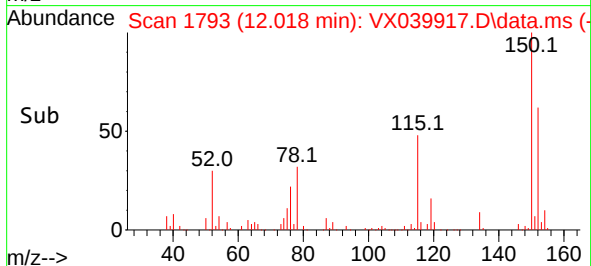
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



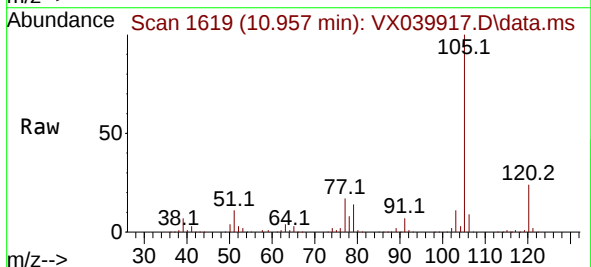
Tgt Ion:152 Resp: 61754
Ion Ratio Lower Upper
152 100
115 94.9 43.3 129.9
150 174.9 0.0 345.0

Manual Integrations
APPROVED

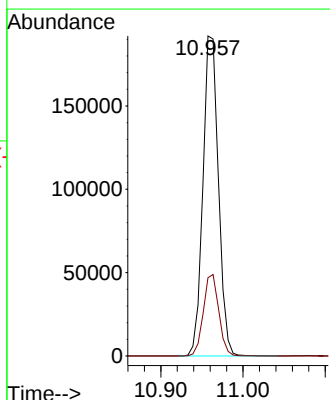
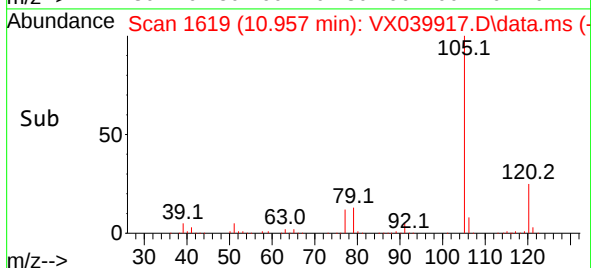
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

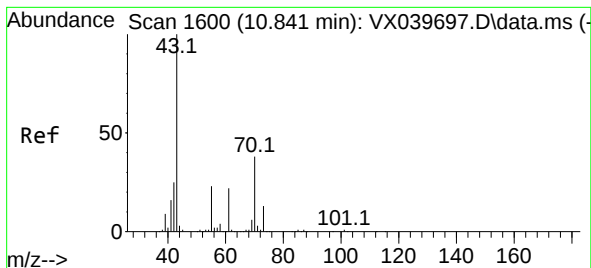


#73
Isopropylbenzene
Concen: 51.140 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion:105 Resp: 251438
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6





#74

N-amy1 acetate

Concen: 49.750 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039917.D

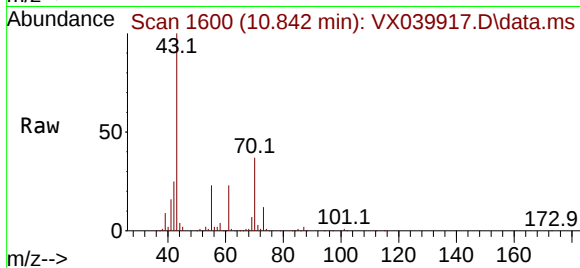
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



Tgt Ion: 43 Resp: 127500

Ion Ratio Lower Upper

43 100

70 37.2 32.9 49.3

55 23.5 19.3 28.9

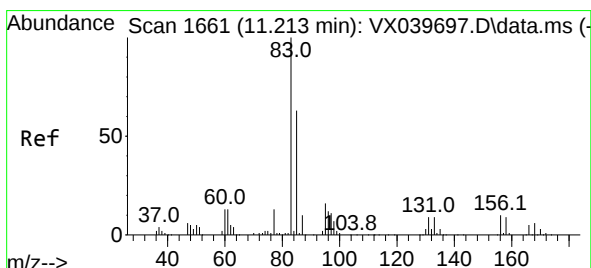
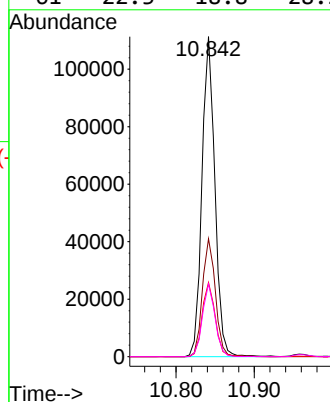
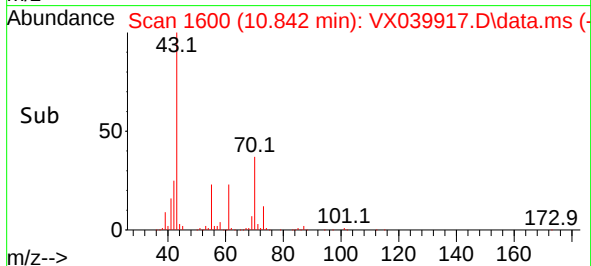
61 22.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#75

1,1,2,2-Tetrachloroethane

Concen: 51.192 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

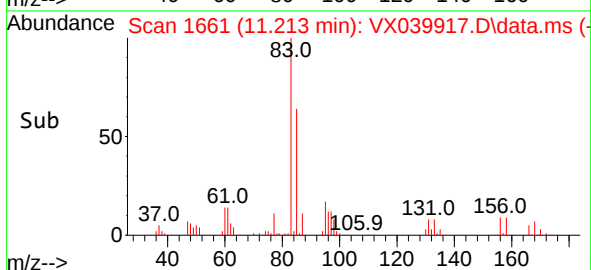
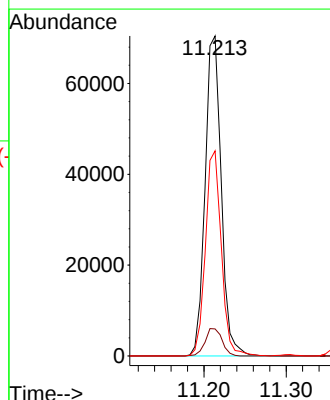
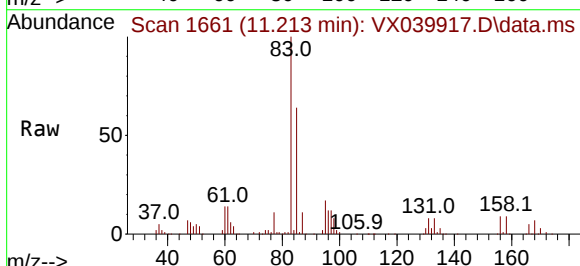
Tgt Ion: 83 Resp: 96111

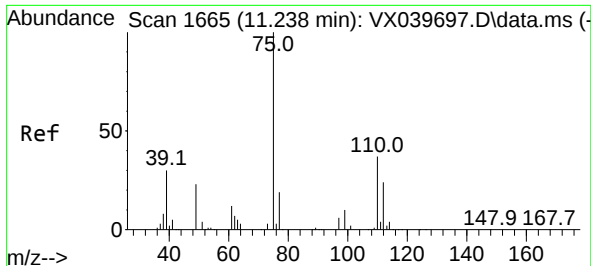
Ion Ratio Lower Upper

83 100

131 9.0 5.3 15.8

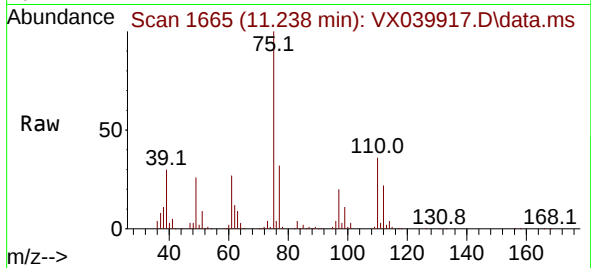
85 63.2 32.0 96.2





#76
1,2,3-Trichloropropane
Concen: 50.007 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

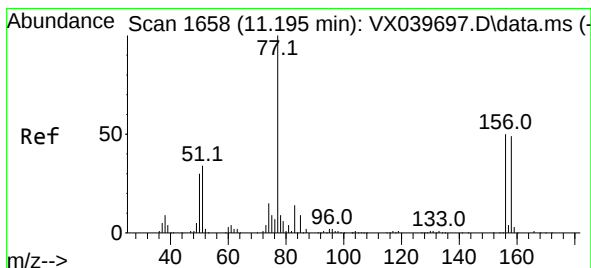
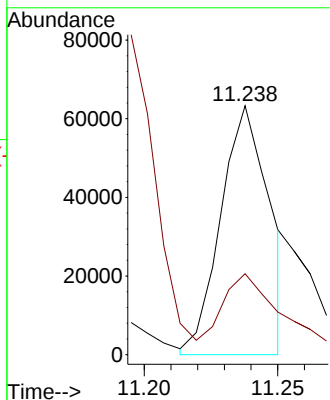
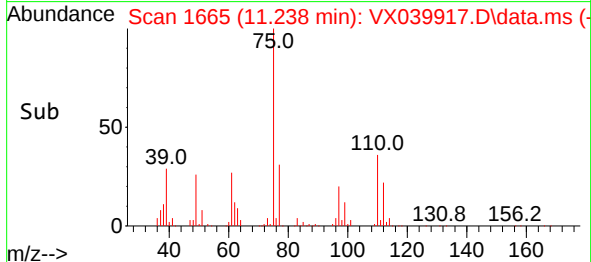
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



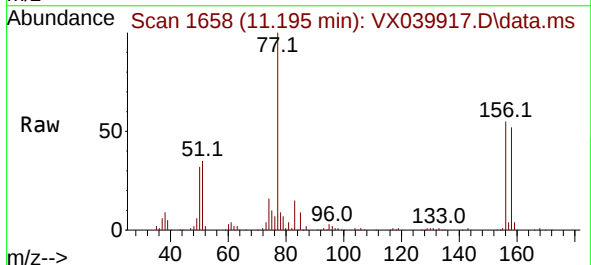
Tgt Ion: 75 Resp: 80063
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5

Manual Integrations
APPROVED

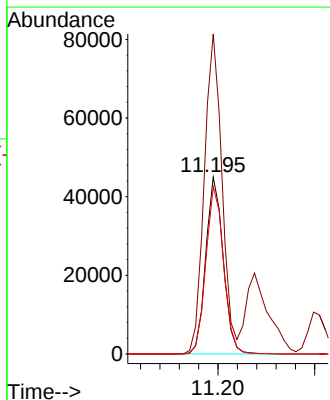
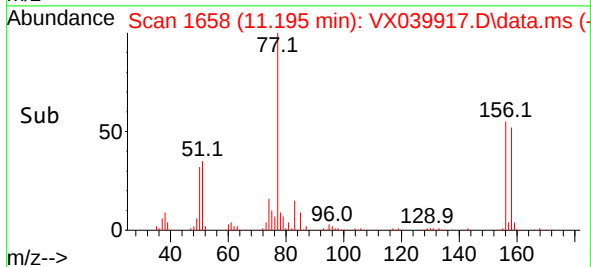
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

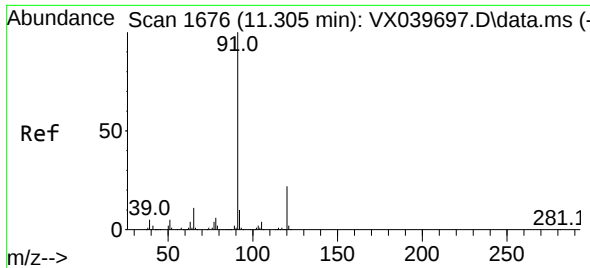


#77
Bromobenzene
Concen: 51.515 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



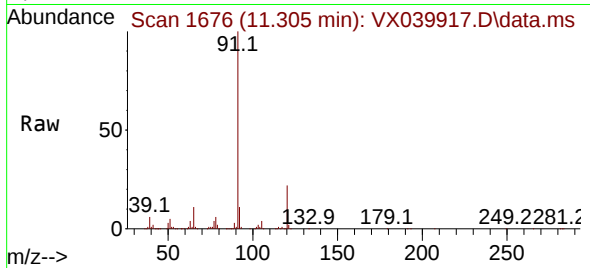
Tgt Ion:156 Resp: 56394
Ion Ratio Lower Upper
156 100
77 183.8 88.4 265.3
158 96.0 48.0 144.0





#78
n-propylbenzene
Concen: 51.306 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

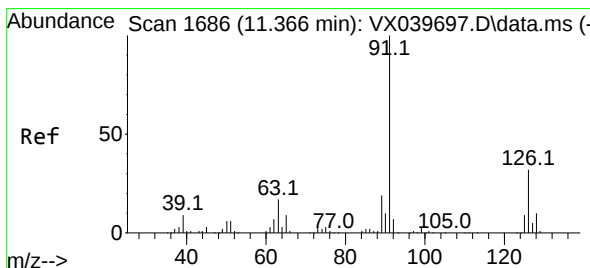
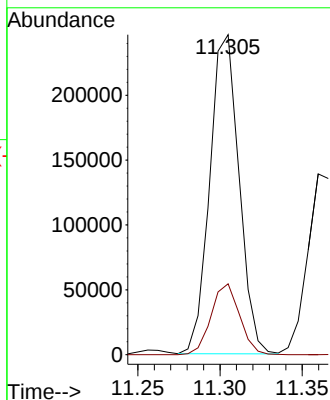
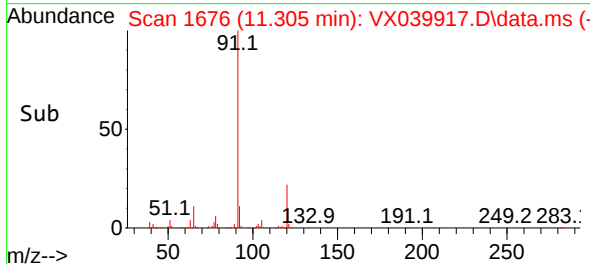
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



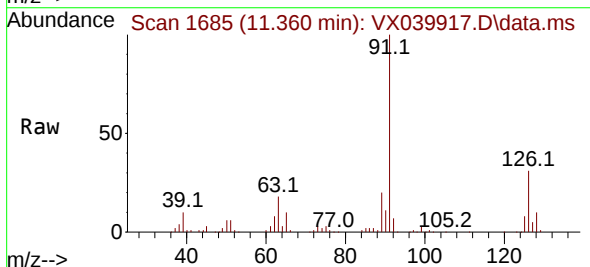
Tgt Ion: 91 Resp: 30531
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4

Manual Integrations
APPROVED

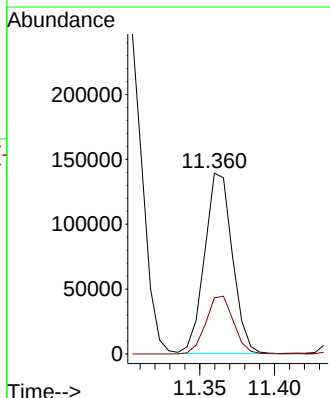
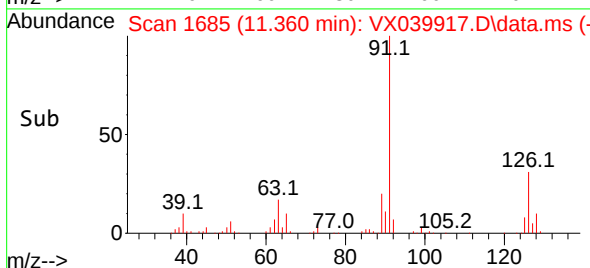
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

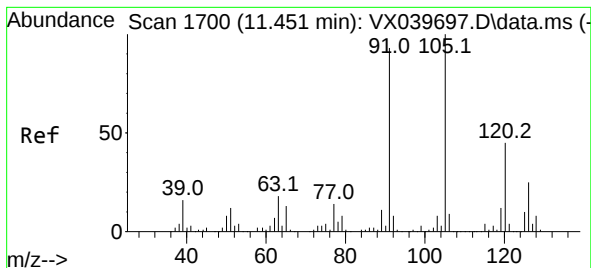


#79
2-Chlorotoluene
Concen: 48.893 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion: 91 Resp: 179822
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 51.735 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039917.D

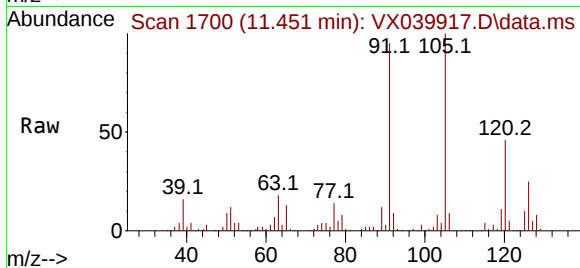
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



Tgt Ion:105 Resp: 216034

Ion Ratio Lower Upper

105 100

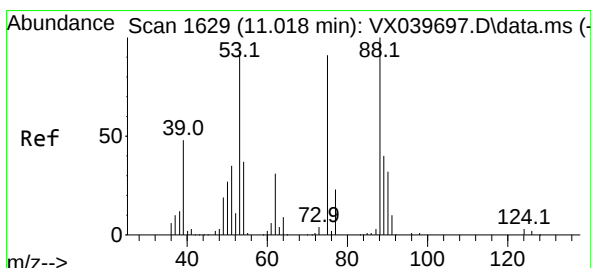
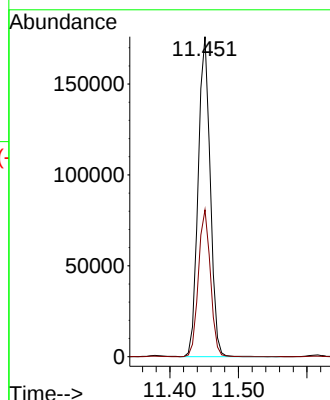
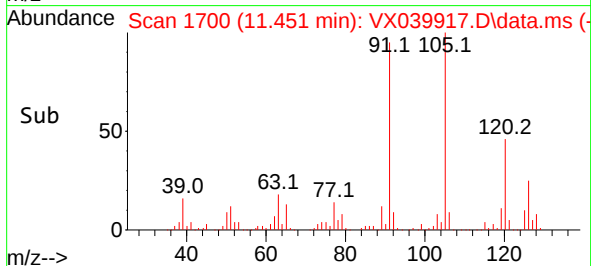
120 45.8 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 44.154 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

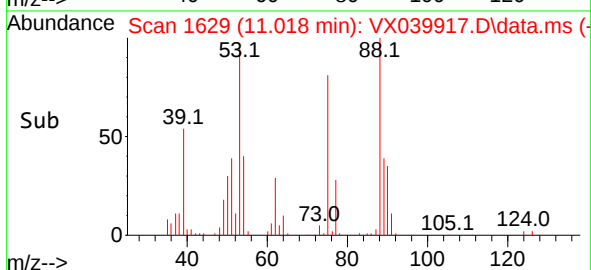
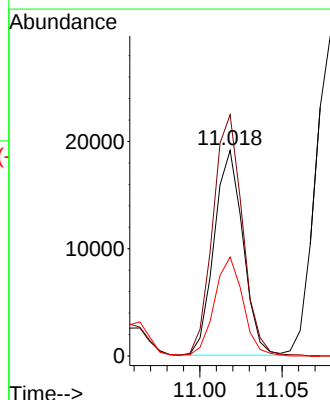
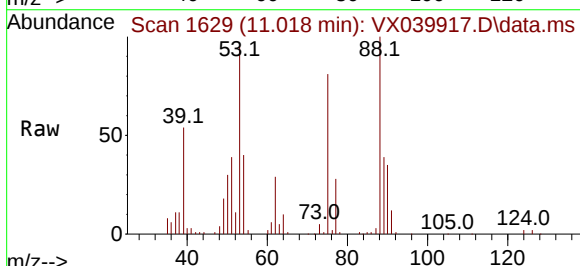
Tgt Ion: 75 Resp: 23364

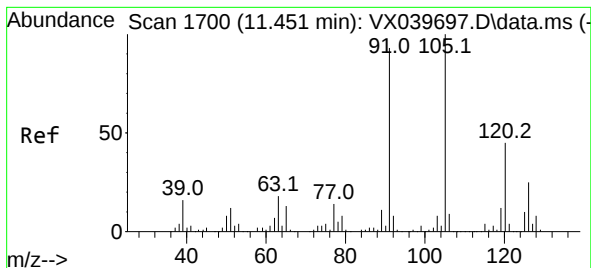
Ion Ratio Lower Upper

75 100

53 121.0 90.5 135.7

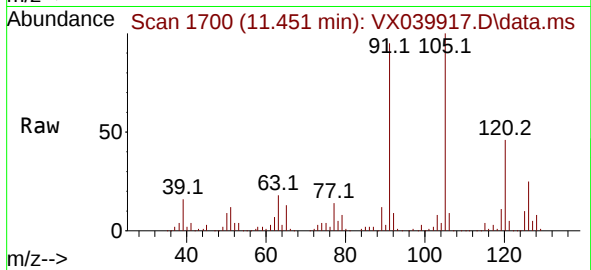
89 47.6 36.9 55.3





#82
4-Chlorotoluene
Concen: 50.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

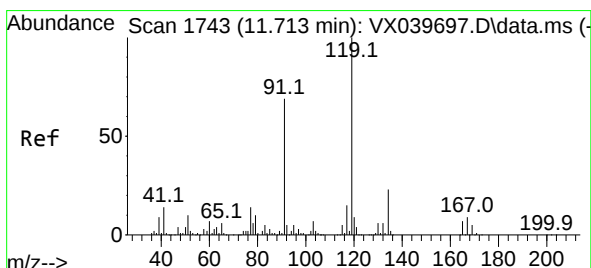
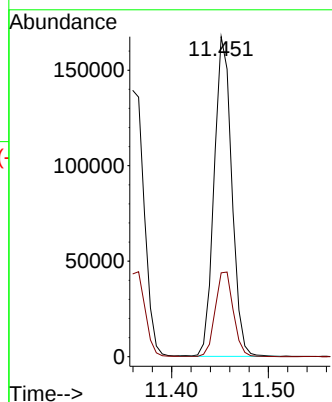
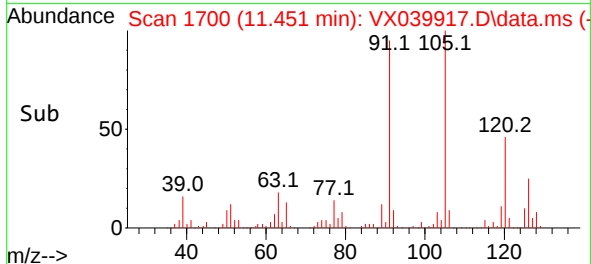
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



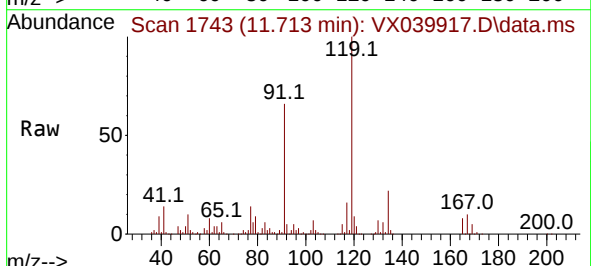
Tgt Ion: 91 Resp: 21216
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6

Manual Integrations
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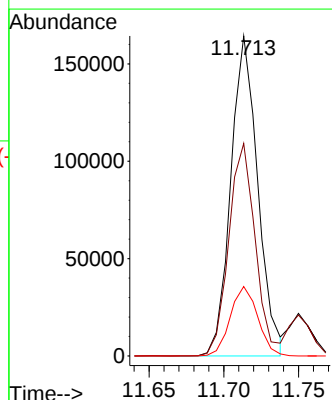
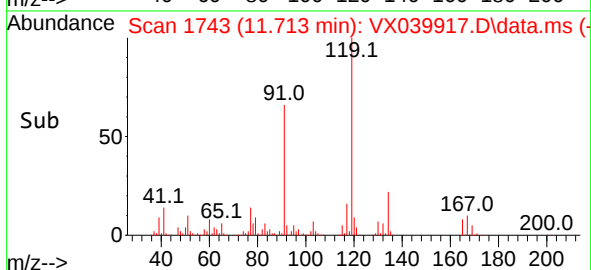
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

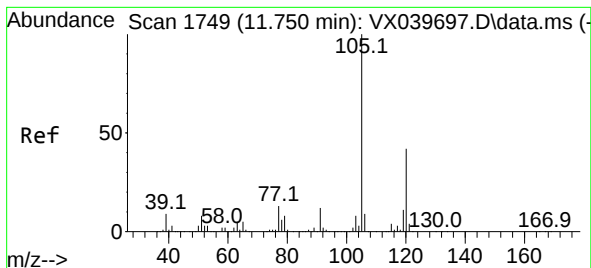


#83
tert-Butylbenzene
Concen: 51.698 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion:119 Resp: 206101
Ion Ratio Lower Upper
119 100
91 65.5 31.2 93.6
134 22.1 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 51.803 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

Tgt Ion:105 Resp: 21581

Ion Ratio Lower Upper

105 100

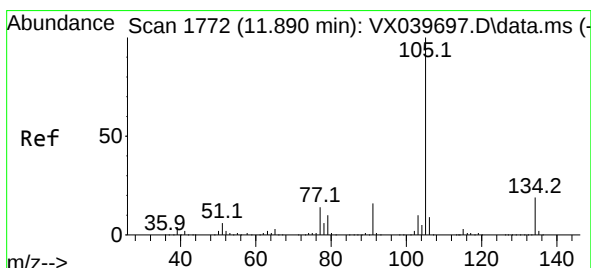
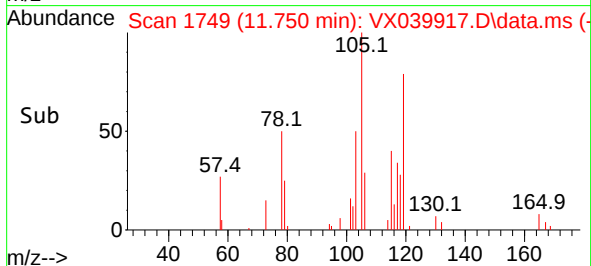
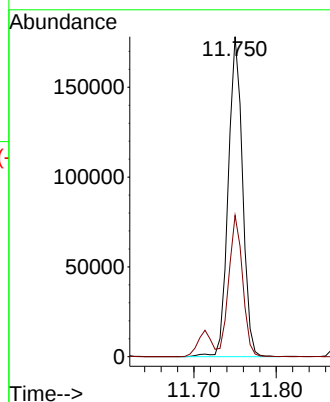
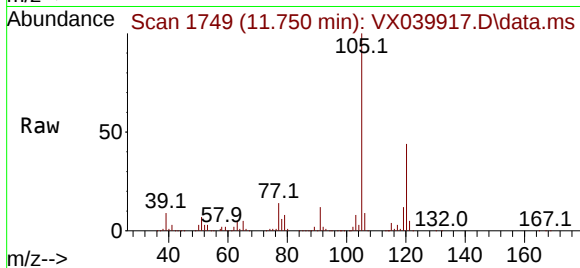
120 43.1 21.2 63.6

Manual Integrations

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Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#85

sec-Butylbenzene

Concen: 51.983 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039917.D

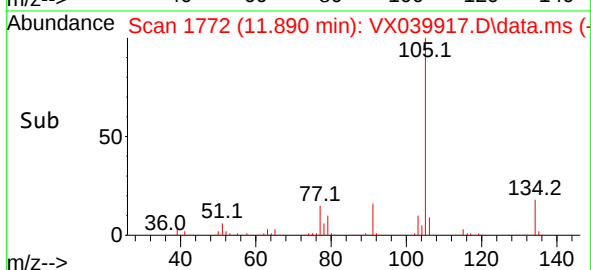
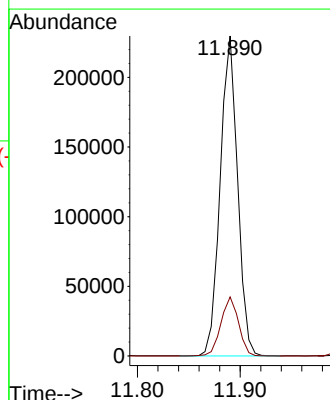
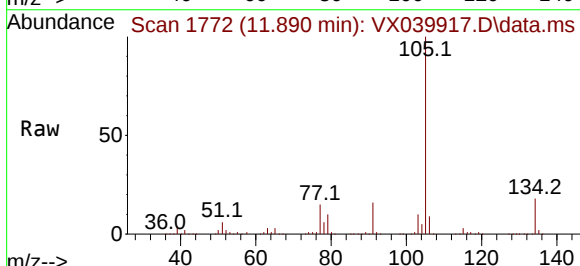
Acq: 23 Jan 2024 18:12

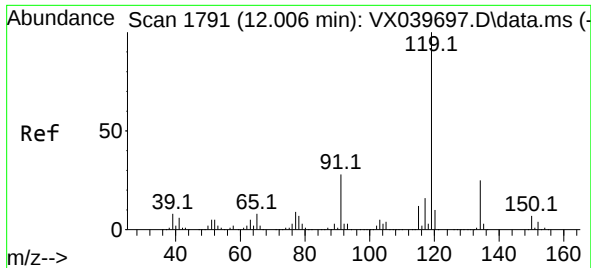
Tgt Ion:105 Resp: 269015

Ion Ratio Lower Upper

105 100

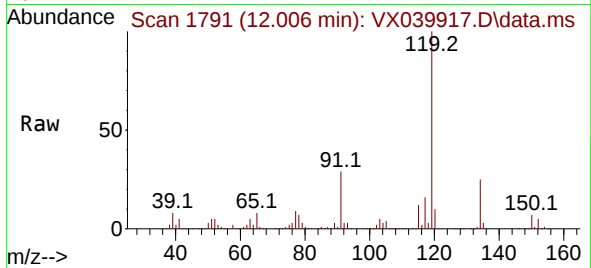
134 18.7 9.8 29.4





#86
p-Isopropyltoluene
Concen: 52.974 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

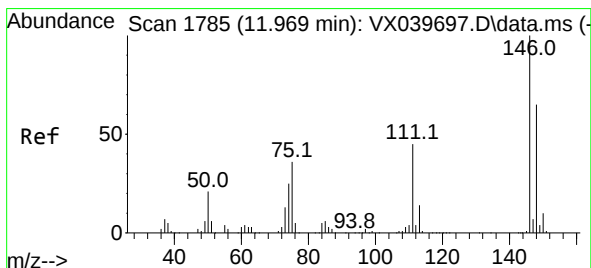
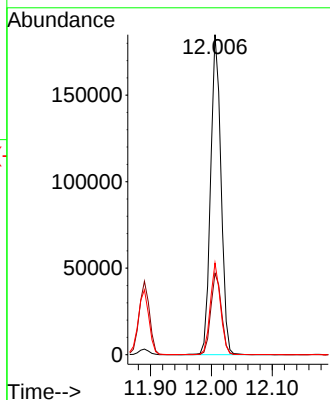
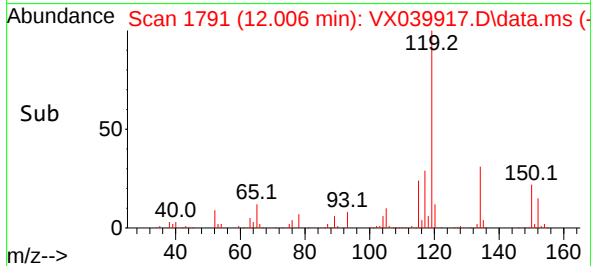
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS



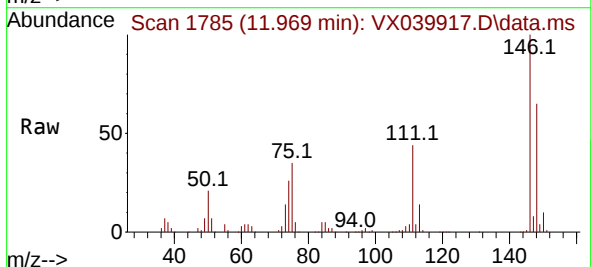
Tgt Ion:119 Resp: 21910
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 27.9 13.1 39.3

Manual Integrations
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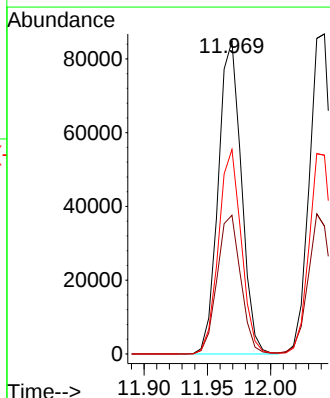
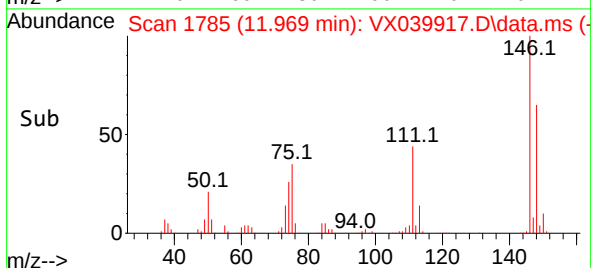
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024

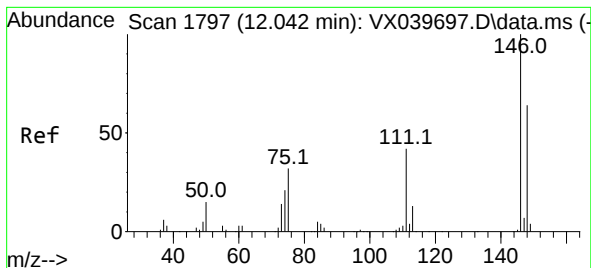


#87
1,3-Dichlorobenzene
Concen: 51.285 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12



Tgt Ion:146 Resp: 107619
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.1
148 64.5 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 50.871 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039917.D

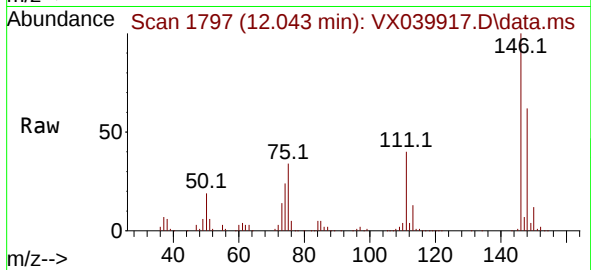
Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS



Tgt Ion:146 Resp: 11025

Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.7

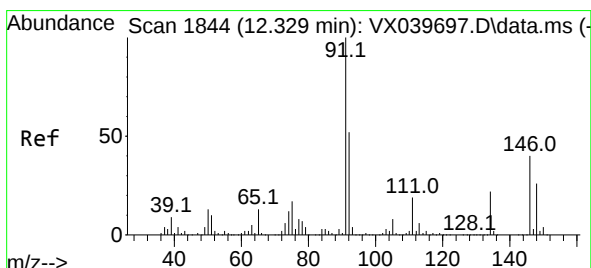
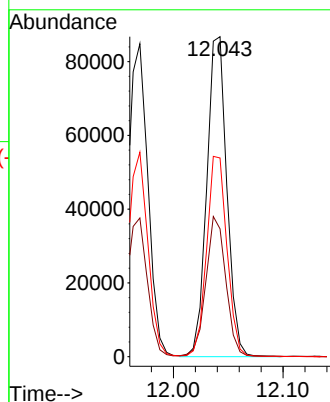
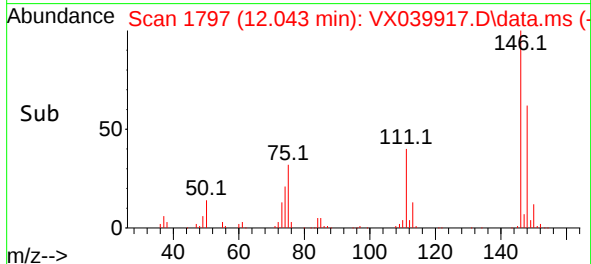
148 63.7 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#89

n-Butylbenzene

Concen: 52.757 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

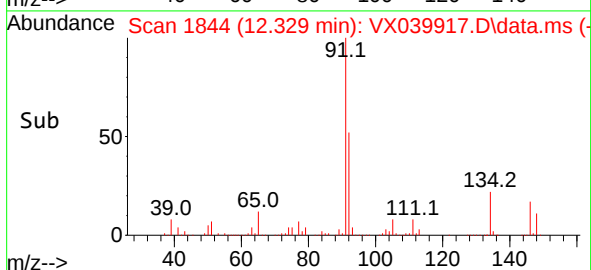
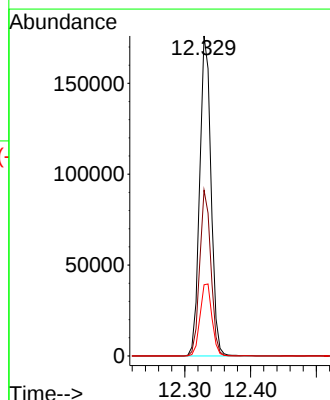
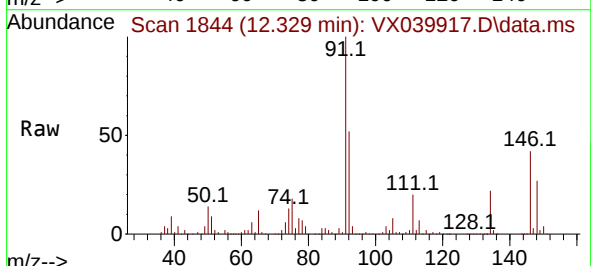
Tgt Ion: 91 Resp: 210756

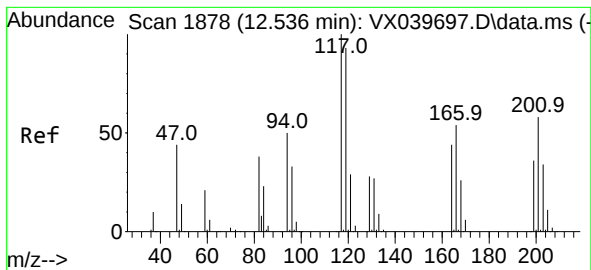
Ion Ratio Lower Upper

91 100

92 51.1 27.4 82.0

134 23.7 12.6 37.8





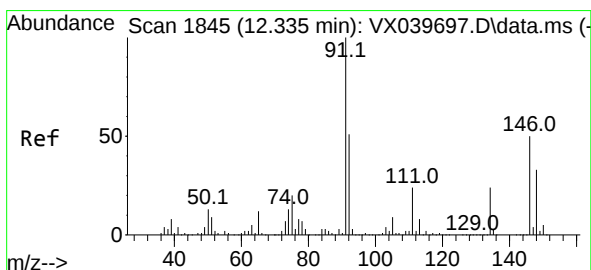
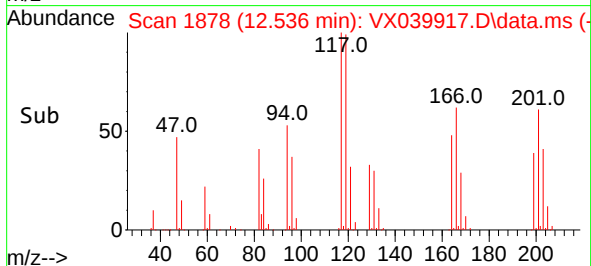
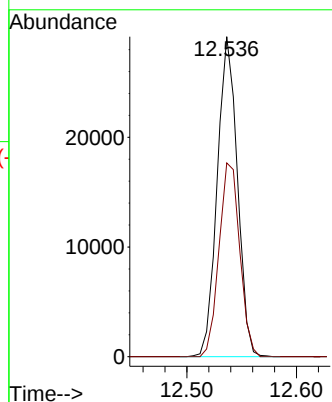
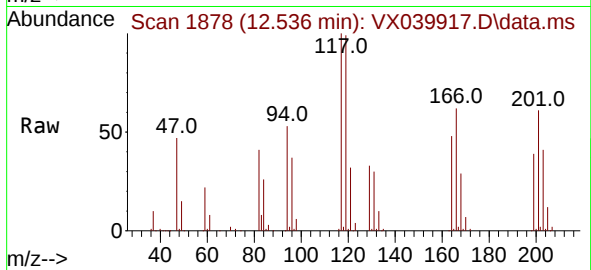
#90
Hexachloroethane
Concen: 53.354 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380MS

Tgt Ion:117 Resp: 37229
Ion Ratio Lower Upper
117 100
201 62.4 32.9 98.6

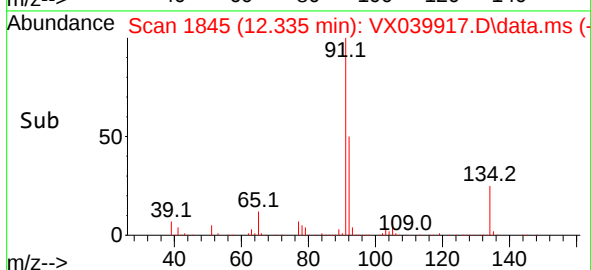
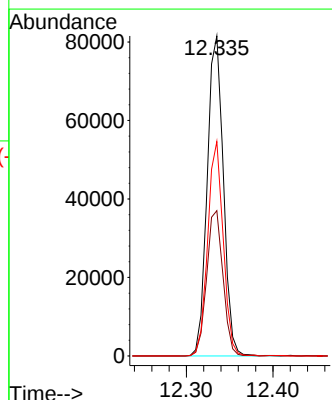
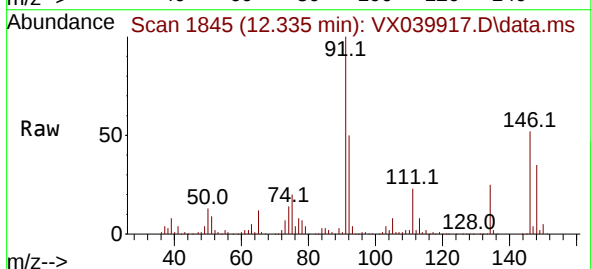
Manual Integrations
APPROVED

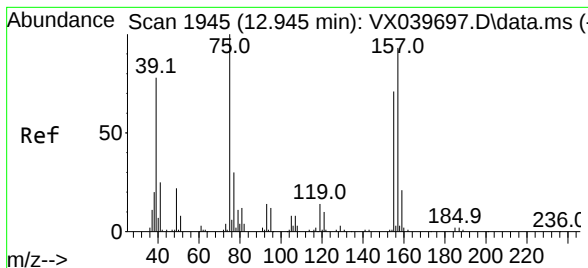
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#91
1,2-Dichlorobenzene
Concen: 50.854 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:146 Resp: 105499
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 64.3 31.6 95.0





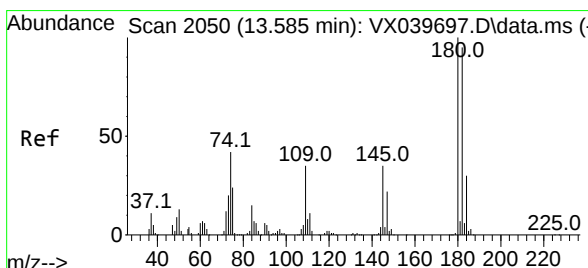
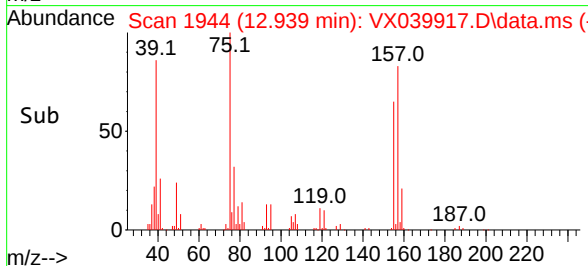
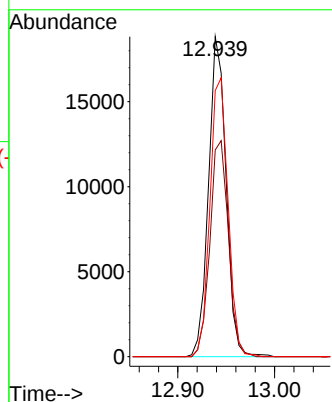
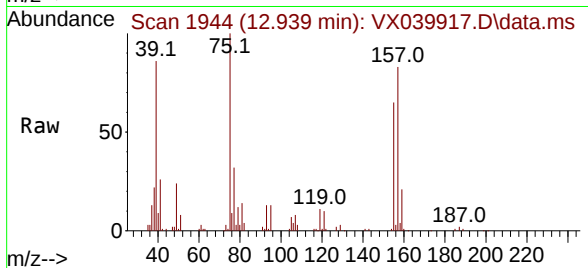
#92
1,2-Dibromo-3-Chloropropane
Concen: 51.827 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Instrument : MSVOA_X
ClientSampleId : BP-VPB-191-GW-378-380MS

Tgt Ion: 75 Resp: 2384
Ion Ratio Lower Upper
75 100
155 71.0 36.1 108.5
157 89.5 44.9 134.7

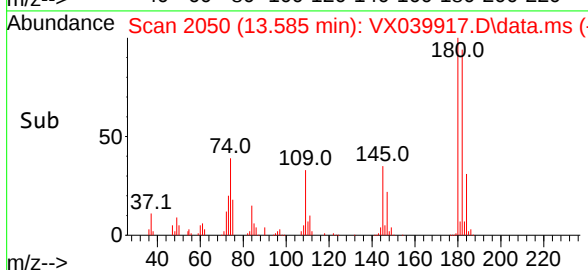
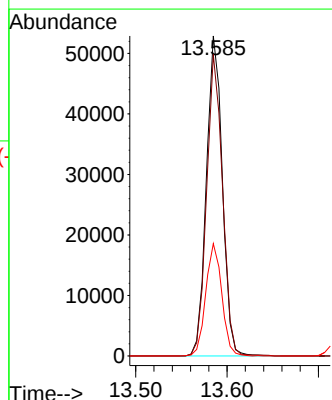
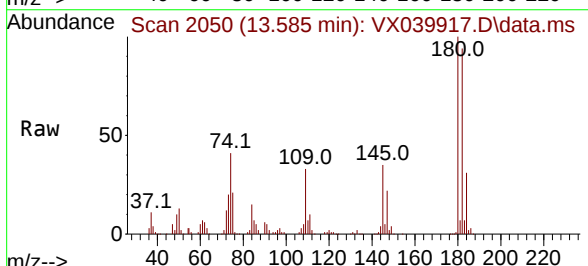
Manual Integrations
APPROVED

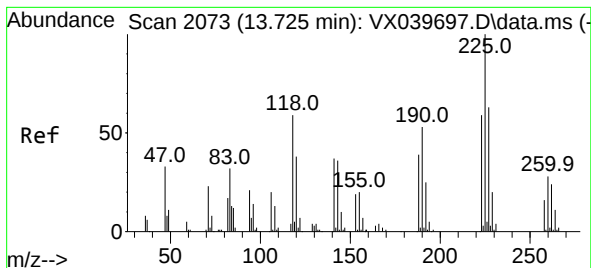
Reviewed By :John Carlone 01/24/2024
Supervised By :Mahesh Dadoda 01/24/2024



#93
1,2,4-Trichlorobenzene
Concen: 50.502 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039917.D
Acq: 23 Jan 2024 18:12

Tgt Ion:180 Resp: 64026
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 35.3 18.0 54.0





#94

Hexachlorobutadiene

Concen: 52.245 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380MS

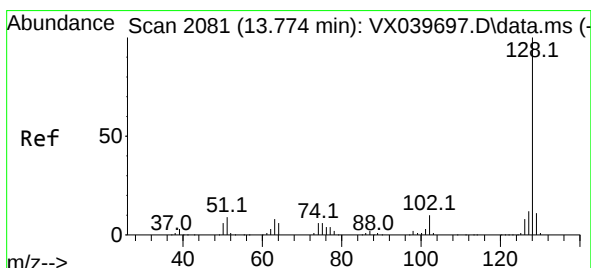
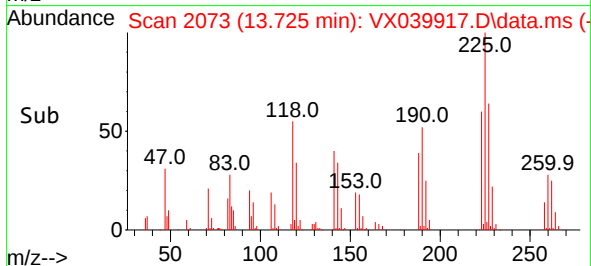
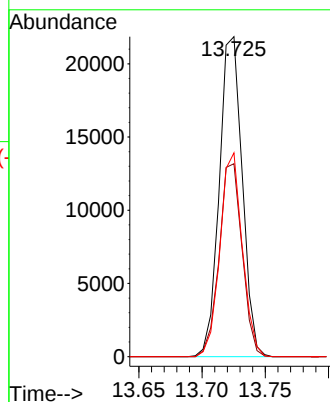
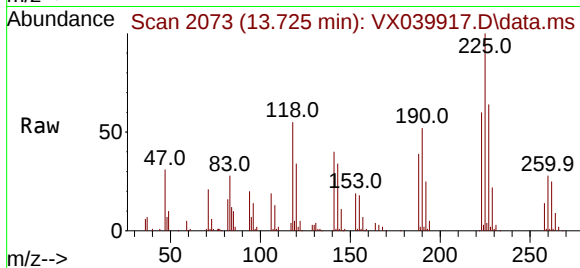
Tgt Ion:	225	Resp:	27534
Ion Ratio	Lower	Upper	
225	100		
223	60.3	31.1	93.2
227	61.8	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2024

Supervised By :Mahesh Dadoda 01/24/2024



#95

Naphthalene

Concen: 49.379 ug/l

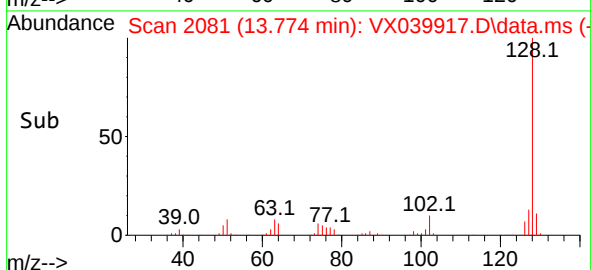
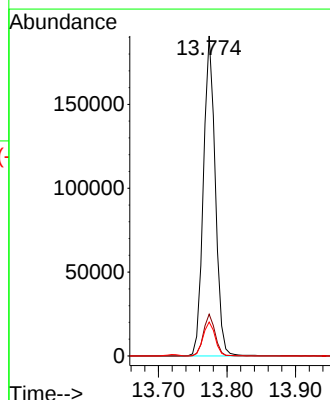
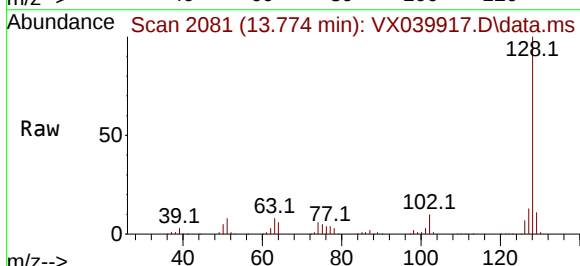
RT: 13.774 min Scan# 2081

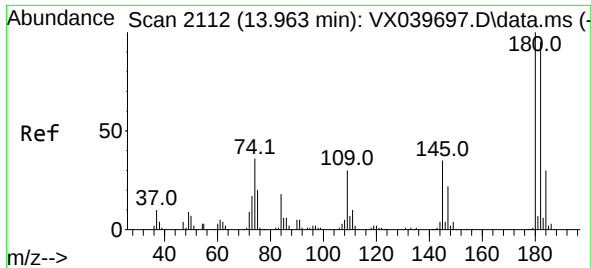
Delta R.T. 0.000 min

Lab File: VX039917.D

Acq: 23 Jan 2024 18:12

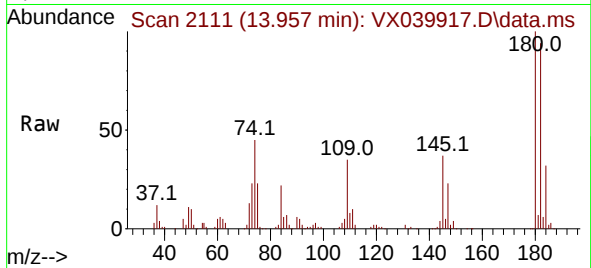
Tgt Ion:	128	Resp:	230461
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.885 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039917.D
 Acq: 23 Jan 2024 18:12

Instrument : MSVOA_X
 ClientSampleId : BP-VPB-191-GW-378-380MS



Tgt Ion:180 Resp: 62549
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.6
 145 36.7 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

