

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039187.D
 Acq On : 13 Dec 2023 14:13
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121323

Quant Time: Dec 14 01:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	254437	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	233476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119079	46.465	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.920%		
35) Dibromofluoromethane	5.379	113	83123	47.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	8.647	98	309387	47.410	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.820%		
62) 4-Bromofluorobenzene	11.079	95	127118	47.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	110892	56.411	ug/l	98
3) Chloromethane	1.295	50	116522	53.467	ug/l	96
4) Vinyl Chloride	1.374	62	109000	53.779	ug/l	99
5) Bromomethane	1.599	94	65963	56.568	ug/l	96
6) Chloroethane	1.685	64	60143	49.241	ug/l	98
7) Trichlorofluoromethane	1.886	101	154847	52.174	ug/l	99
8) Diethyl Ether	2.130	74	52890	51.490	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	96881	53.493	ug/l	97
10) Methyl Iodide	2.453	142	105225	56.210	ug/l	95
11) Tert butyl alcohol	2.953	59	156735	243.543	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	94093	52.303	ug/l	95
13) Acrolein	2.233	56	138546	269.855	ug/l	100
14) Allyl chloride	2.660	41	186286	51.116	ug/l	98
15) Acrylonitrile	3.056	53	333492	258.889	ug/l	99
16) Acetone	2.374	43	370053	248.971	ug/l	94
17) Carbon Disulfide	2.508	76	277848	52.777	ug/l	98
18) Methyl Acetate	2.697	43	276045	49.799	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	328880	50.548	ug/l	99
20) Methylene Chloride	2.788	84	106794	49.988	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	99313	50.733	ug/l	95
22) Diisopropyl ether	3.751	45	341127	51.422	ug/l	94
23) Vinyl Acetate	3.715	43	1321851	267.648	ug/l	100
24) 1,1-Dichloroethane	3.605	63	191617	51.097	ug/l	99
25) 2-Butanone	4.544	43	504807	228.265	ug/l	100
26) 2,2-Dichloropropane	4.465	77	169080	51.645	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	112958	52.279	ug/l	98
28) Bromochloromethane	4.885	49	86409	47.224	ug/l	94
29) Tetrahydrofuran	4.989	42	312572	255.936	ug/l	99
30) Chloroform	5.087	83	189809	50.649	ug/l	100
31) Cyclohexane	5.464	56	172760	52.191	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	165337	50.822	ug/l	98
36) 1,1-Dichloropropene	5.684	75	144806	52.204	ug/l	99
37) Ethyl Acetate	4.702	43	181612	52.996	ug/l	99
38) Carbon Tetrachloride	5.666	117	141789	53.564	ug/l	96
39) Methylcyclohexane	7.373	83	176554	52.989	ug/l	97
40) Benzene	6.031	78	402323	51.275	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	96880	52.985	ug/l	97
42) 1,2-Dichloroethane	6.080	62	162045	51.019	ug/l	99
43) Isopropyl Acetate	6.330	43	291285	52.270	ug/l	99
44) Trichloroethene	7.117	130	100098	50.554	ug/l	91
45) 1,2-Dichloropropane	7.421	63	109229	51.870	ug/l	98
46) Dibromomethane	7.574	93	74896	50.595	ug/l	96
47) Bromodichloromethane	7.818	83	150385	53.132	ug/l	97
48) Methyl methacrylate	7.684	41	171433	52.621	ug/l	96
49) 1,4-Dioxane	7.653	88	48557	1105.712	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	916023	257.991	ug/l	99
52) Toluene	8.714	92	246548	52.060	ug/l	96
53) t-1,3-Dichloropropene	8.970	75	168406	54.044	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	178539	53.249	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	100277	50.719	ug/l	95
56) Ethyl methacrylate	9.110	69	130896	54.233	ug/l	97
57) 1,3-Dichloropropane	9.305	76	173563	50.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	303603	214.221	ug/l	95
59) 2-Hexanone	9.427	43	744390	242.922	ug/l	99
60) Dibromochloromethane	9.519	129	106684	53.354	ug/l	100
61) 1,2-Dibromoethane	9.604	107	107130	50.757	ug/l	100
64) Tetrachloroethene	9.269	164	76582	50.195	ug/l	94
65) Chlorobenzene	10.073	112	254738	49.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	93733	52.072	ug/l	99
67) Ethyl Benzene	10.189	91	490400	51.697	ug/l	98
68) m/p-Xylenes	10.299	106	350508	103.055	ug/l	93
69) o-Xylene	10.640	106	168748	51.315	ug/l	92
70) Styrene	10.653	104	251277	52.268	ug/l	95
71) Bromoform	10.799	173	72730	54.357	ug/l #	100
73) Isopropylbenzene	10.957	105	464866	51.579	ug/l	99
74) N-amyl acetate	10.842	43	245485	53.834	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	168824	50.353	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	152657m	50.512	ug/l	
77) Bromobenzene	11.195	156	101183	50.769	ug/l	90
78) n-propylbenzene	11.305	91	575439	51.820	ug/l	97
79) 2-Chlorotoluene	11.360	91	336607	50.114	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	400672	52.185	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	55797	52.082	ug/l	94
82) 4-Chlorotoluene	11.451	91	399310	50.615	ug/l	97
83) tert-Butylbenzene	11.713	119	377190	51.620	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	405460	51.496	ug/l	99
85) sec-Butylbenzene	11.890	105	482139	51.853	ug/l	97
86) p-Isopropyltoluene	12.006	119	408215	52.313	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	198461	50.686	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	198429	48.672	ug/l	98
89) n-Butylbenzene	12.329	91	415145	54.119	ug/l	96
90) Hexachloroethane	12.536	117	76360	54.172	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	186319	49.733	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47172	53.416	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	125107	50.998	ug/l	98
94) Hexachlorobutadiene	13.725	225	48065	51.991	ug/l	98
95) Naphthalene	13.774	128	446227	52.231	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	118829	50.177	ug/l	98

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Instrument :
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ClientSampleId :
ICVVX121323

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

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

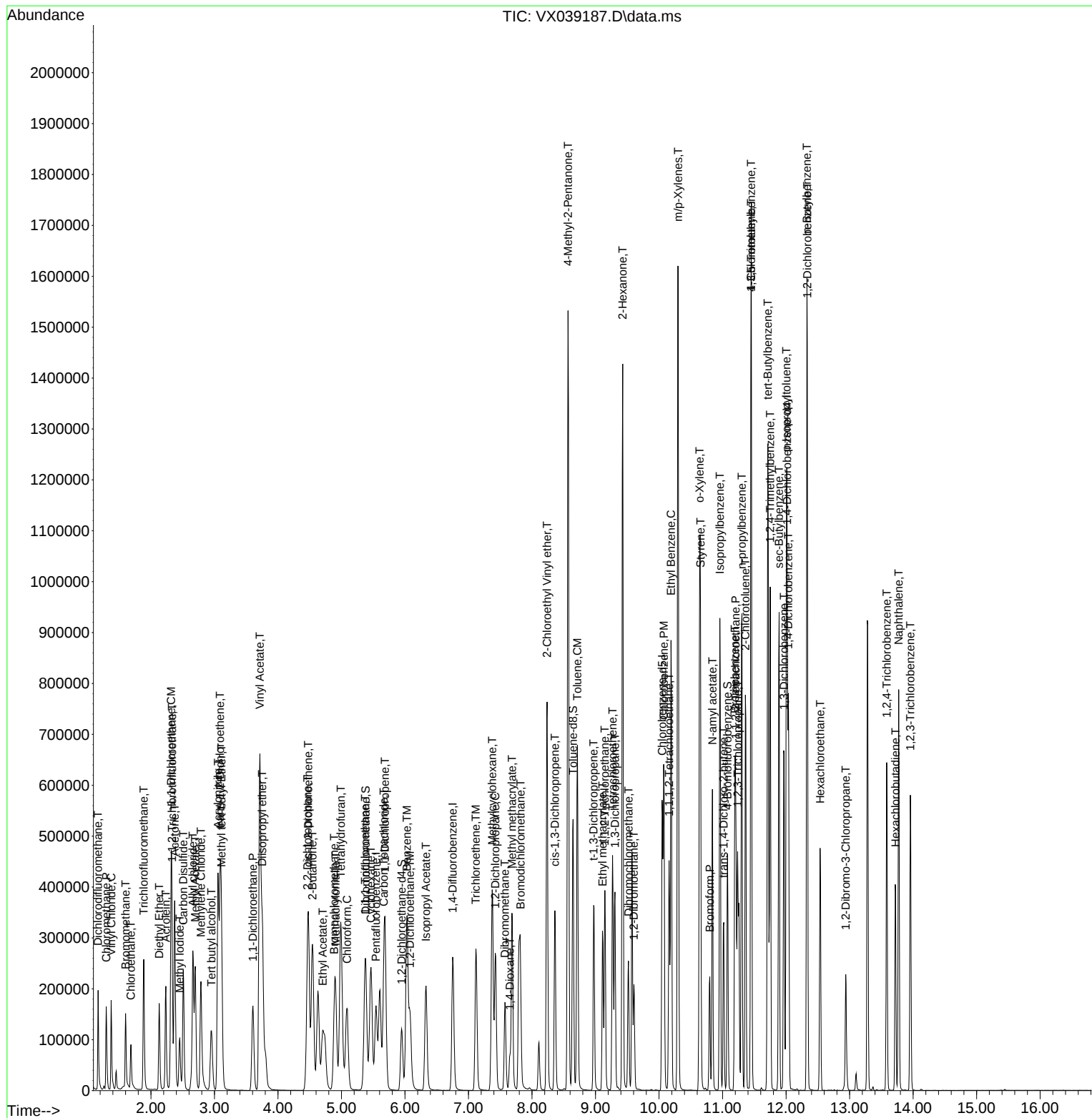
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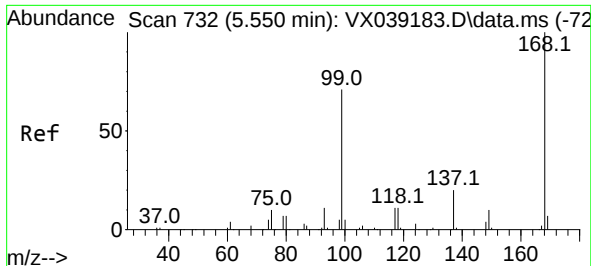
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Manual Integrations APPROVED

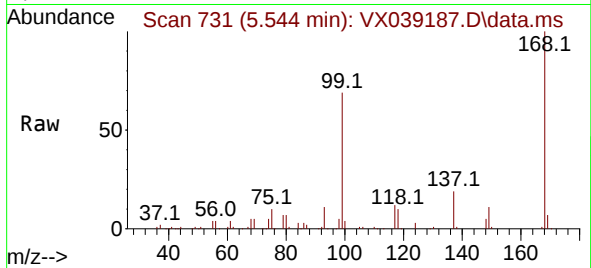
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

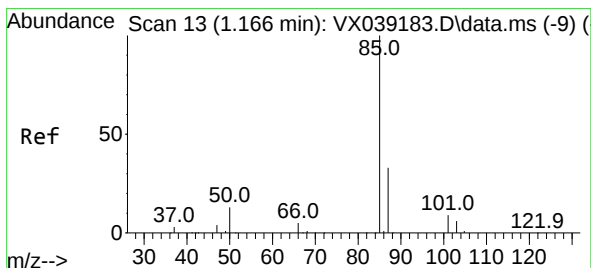
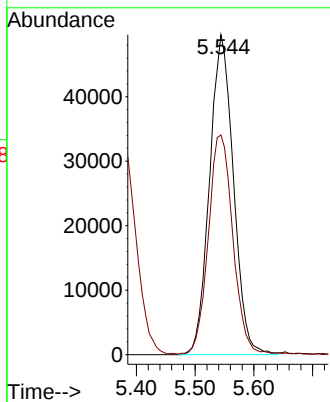
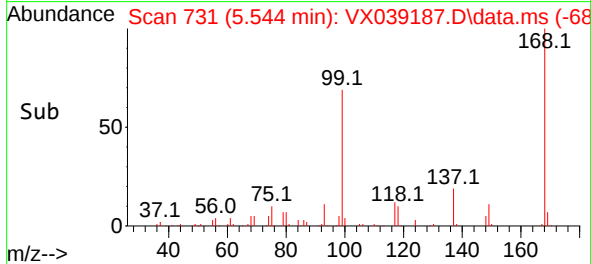
Instrument :
MSVOA_X
Client Sample Id :
ICVX121323



Tgt Ion:168 Resp: 139890
Ion Ratio Lower Upper
168 100
99 68.5 56.6 85.0

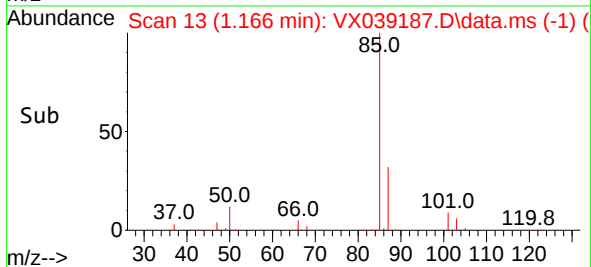
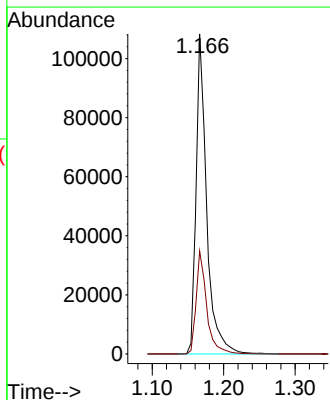
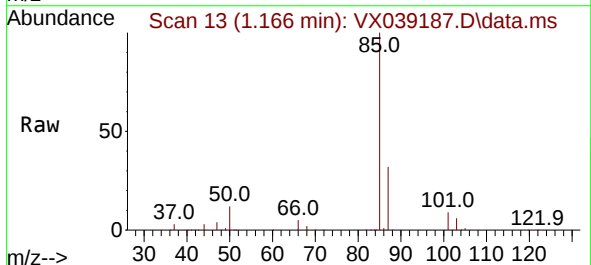
Manual Integrations
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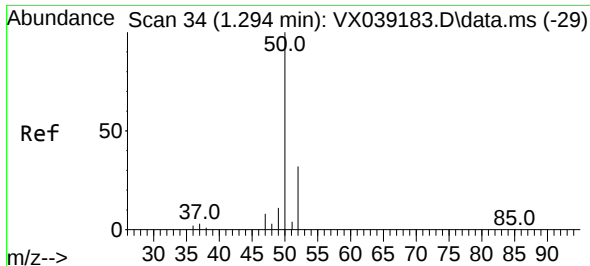
Reviewed By :John Carlone 12/14/2023
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#2
Dichlorodifluoromethane
Concen: 56.411 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

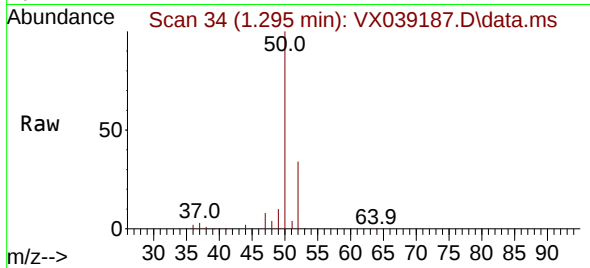
Tgt Ion: 85 Resp: 110892
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





#3
Chloromethane
Concen: 53.467 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

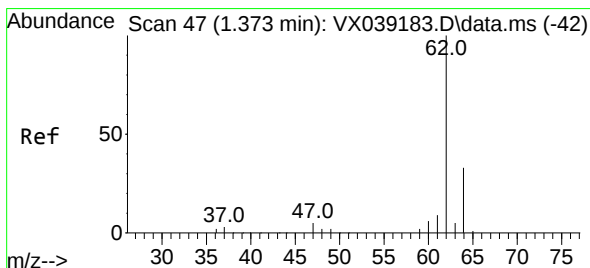
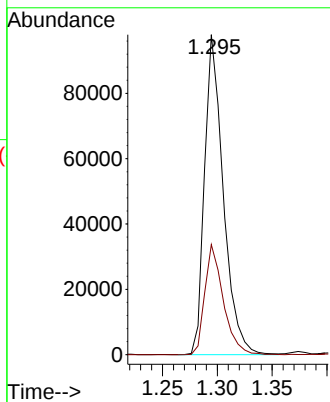
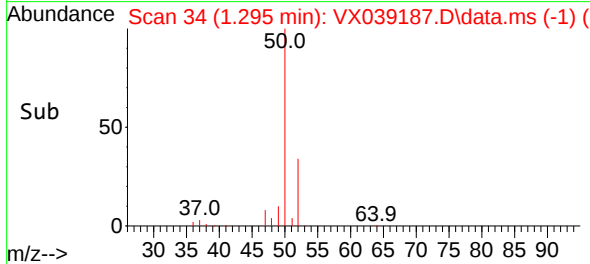
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 50 Resp: 11652
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3

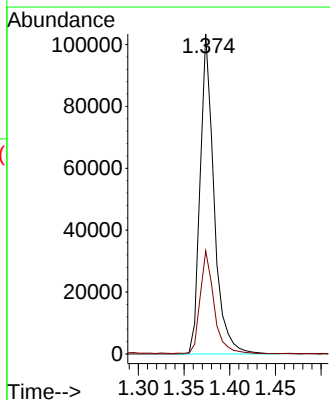
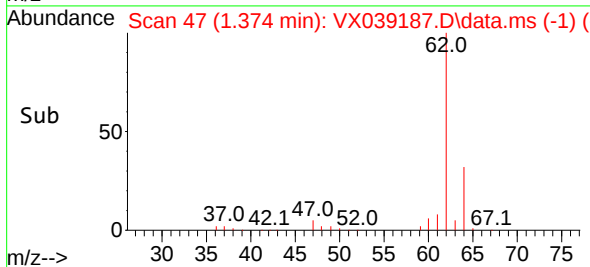
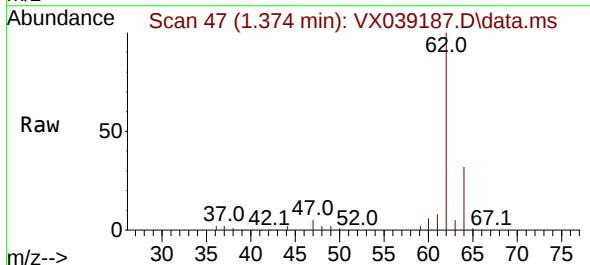
Manual Integrations
APPROVED

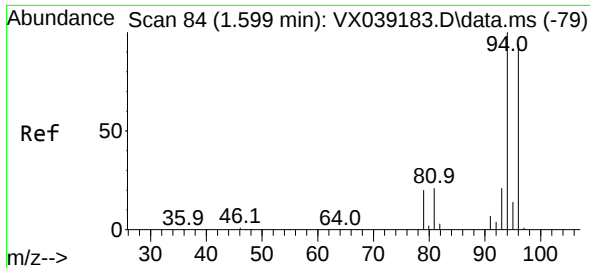
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#4
Vinyl Chloride
Concen: 53.779 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

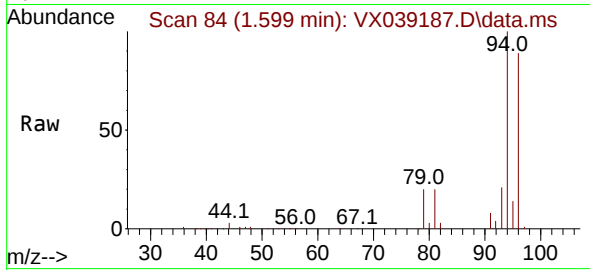
Tgt Ion: 62 Resp: 109000
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 56.568 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

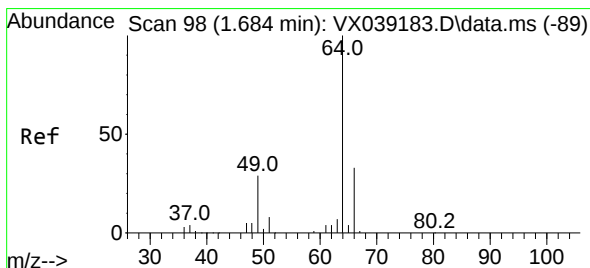
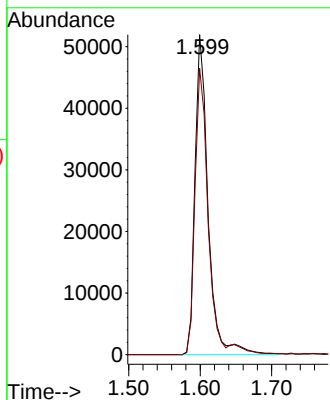
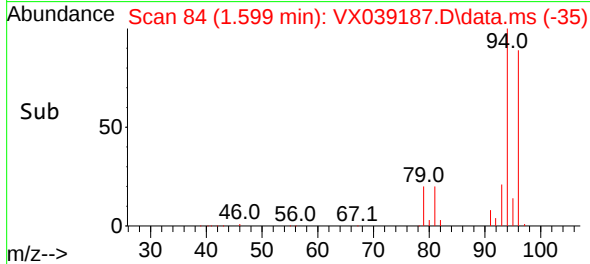
Instrument :
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Tgt Ion: 94 Resp: 6596
Ion Ratio Lower Upper
94 100
96 89.5 74.6 111.8

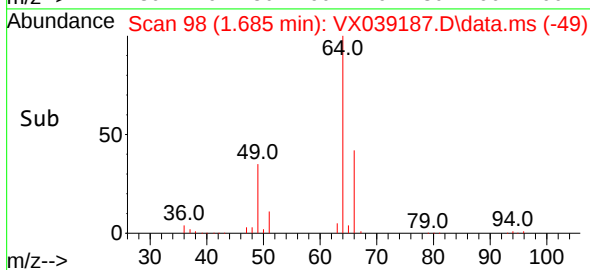
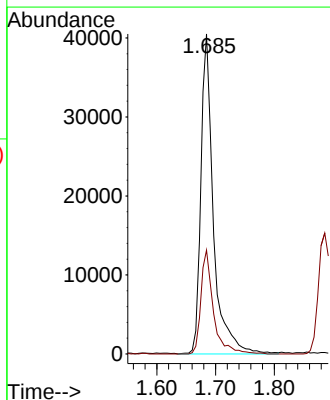
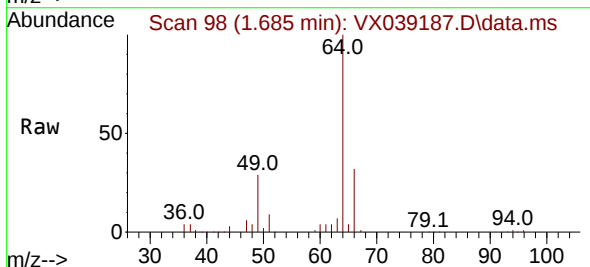
Manual Integrations
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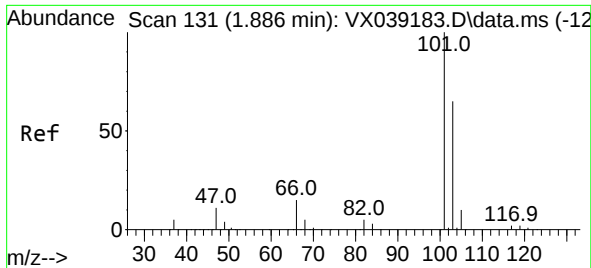
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 49.241 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

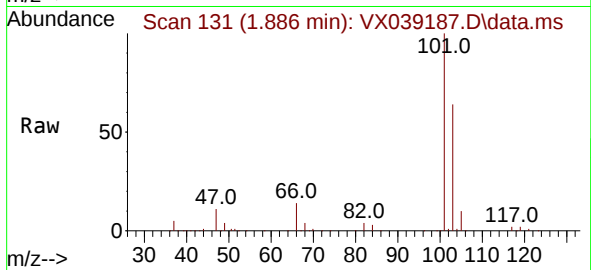
Tgt Ion: 64 Resp: 60143
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.174 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

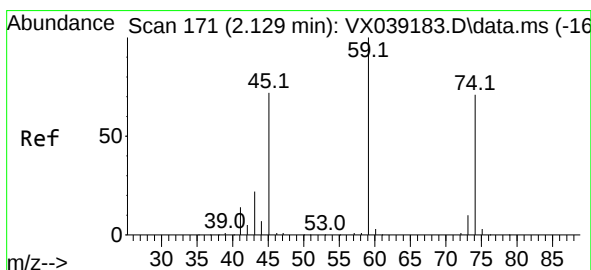
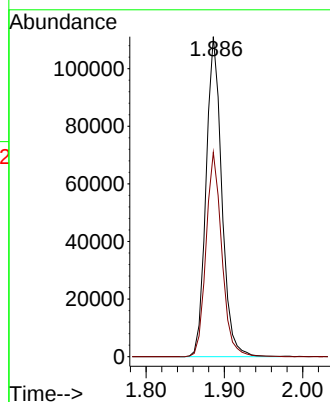
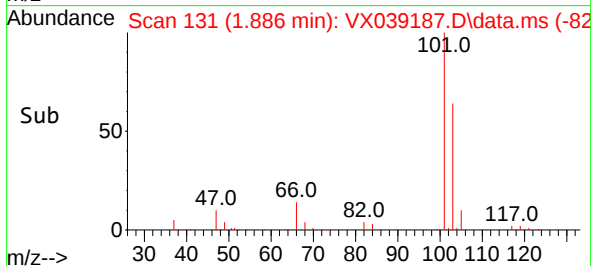
Instrument :
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Tgt Ion:101 Resp: 15484
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

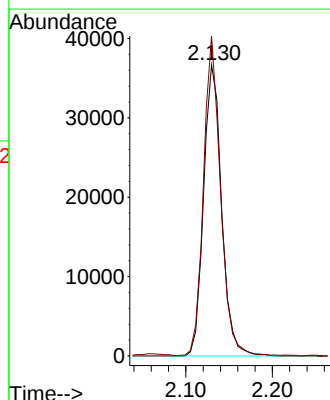
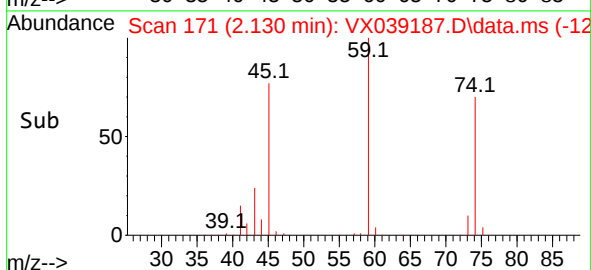
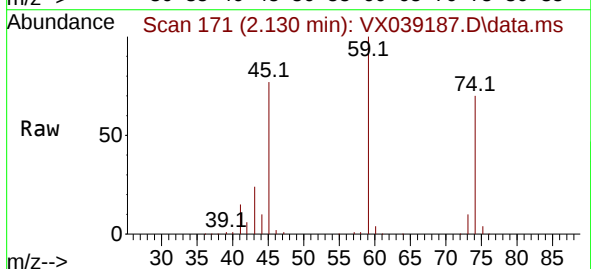
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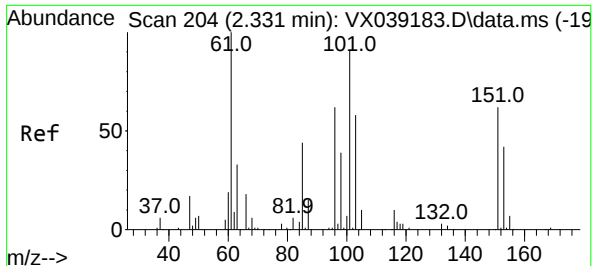
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#8
Diethyl Ether
Concen: 51.490 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 74 Resp: 52890
Ion Ratio Lower Upper
74 100
45 103.6 53.3 159.8





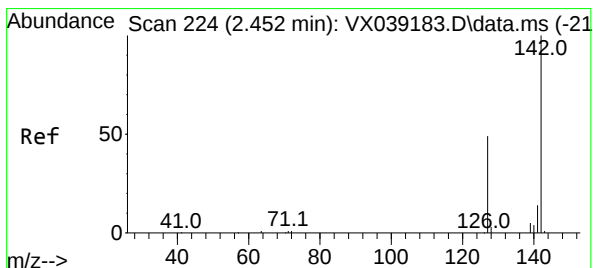
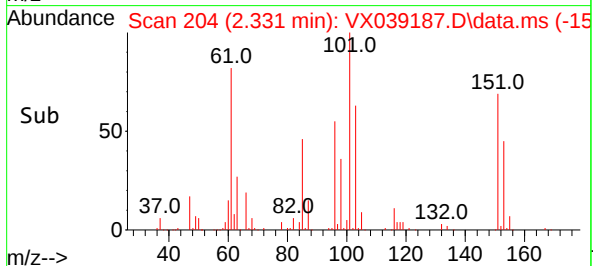
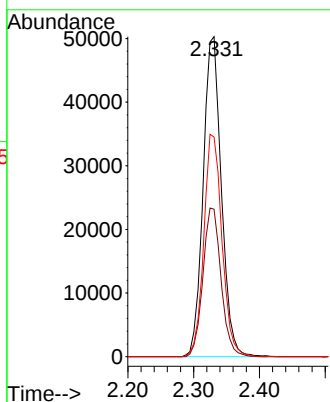
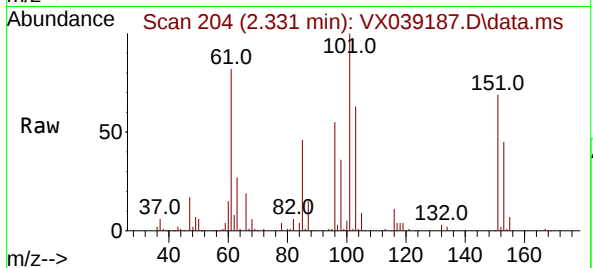
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.493 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX121323

Tgt Ion:101 Resp: 9688
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 69.3 58.6 87.8

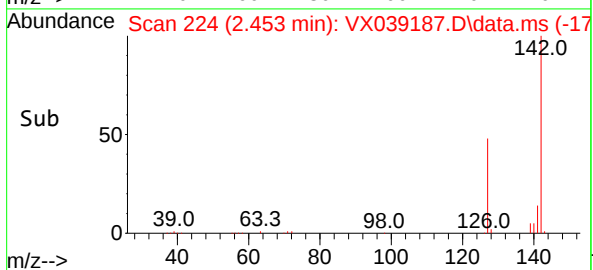
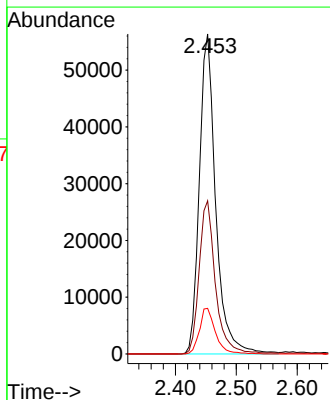
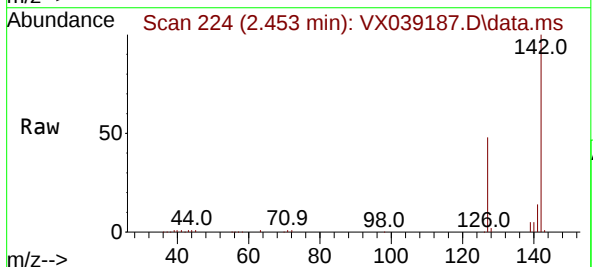
Manual Integrations
APPROVED

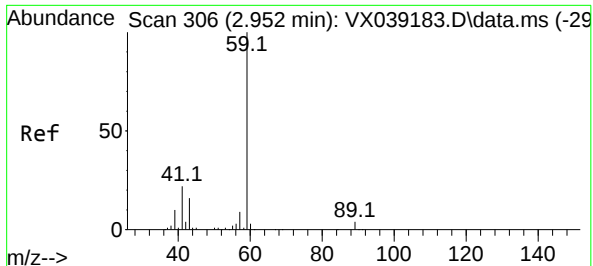
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 56.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

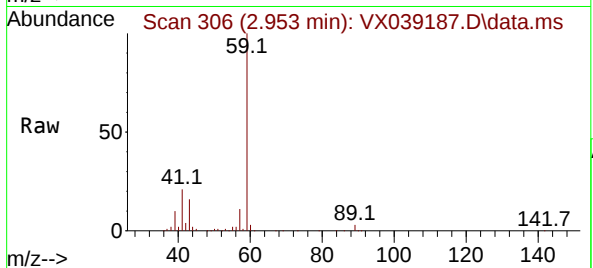
Tgt Ion:142 Resp: 105225
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 243.543 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

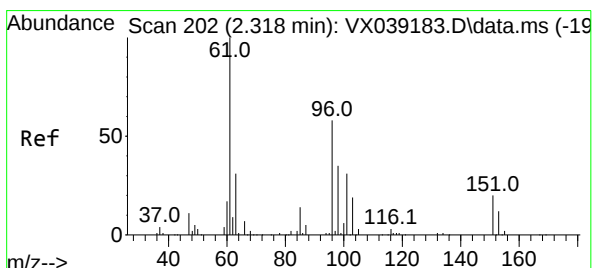
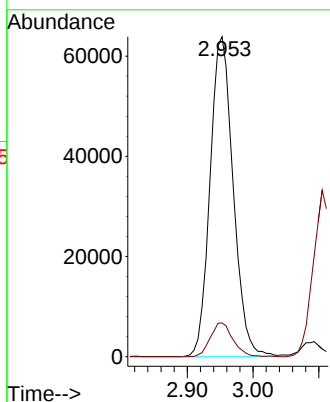
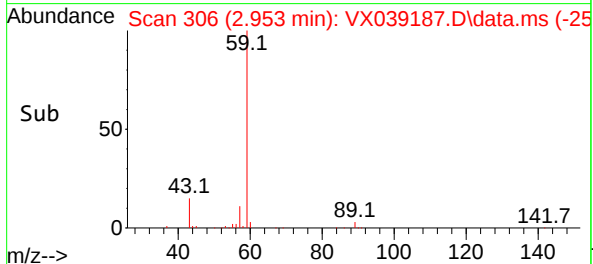
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



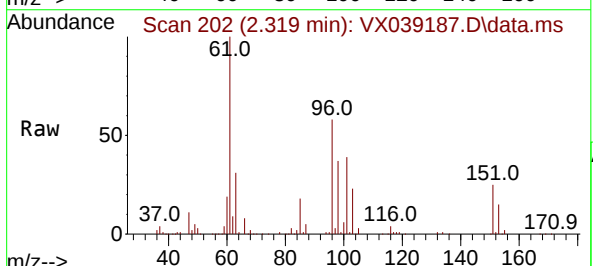
Tgt Ion: 59 Resp: 156735
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

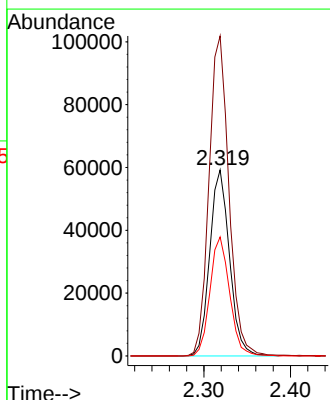
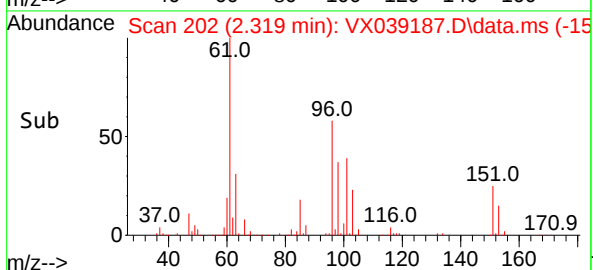
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

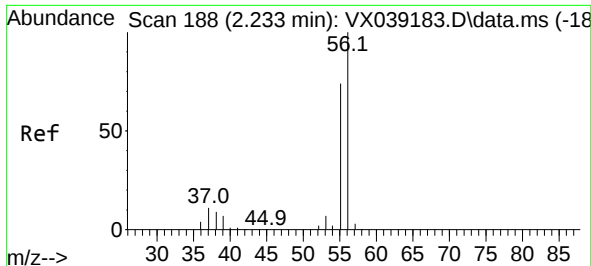


#12
1,1-Dichloroethene
Concen: 52.303 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



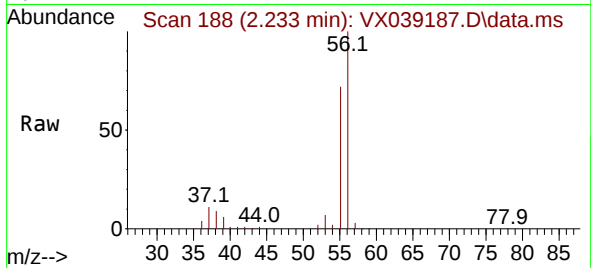
Tgt Ion: 96 Resp: 94093
Ion Ratio Lower Upper
96 100
61 171.9 144.6 216.8
98 64.0 50.4 75.6





#13
Acrolein
Concen: 269.855 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

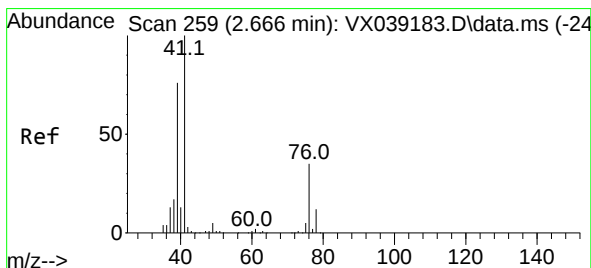
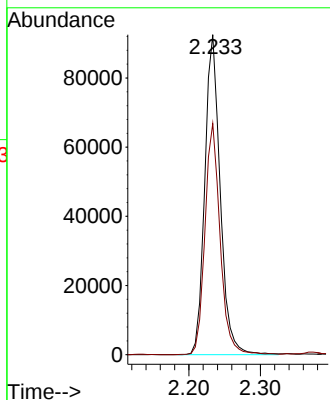
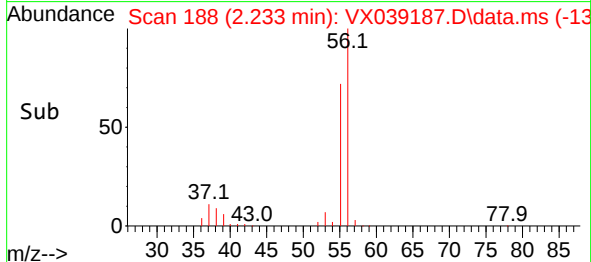
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 56 Resp: 138540
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7

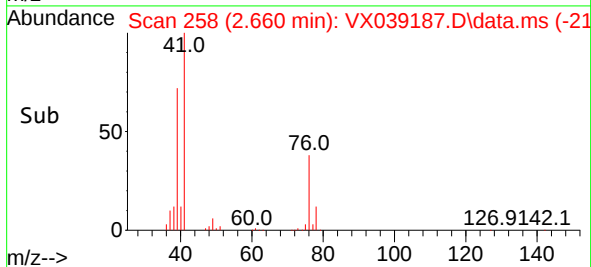
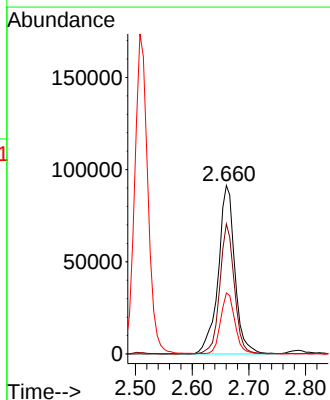
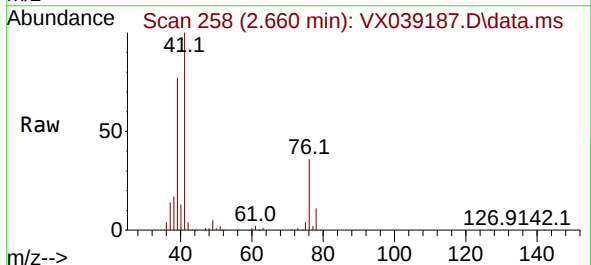
Manual Integrations
APPROVED

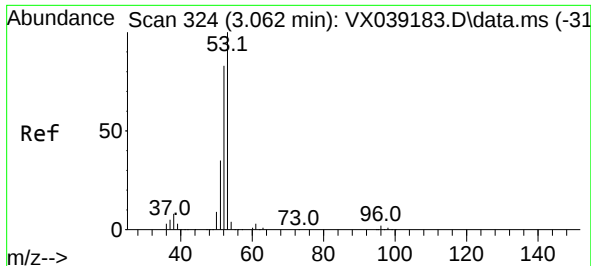
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 51.116 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

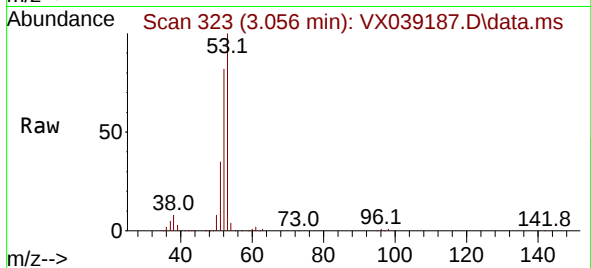
Tgt Ion: 41 Resp: 186286
Ion Ratio Lower Upper
41 100
39 67.8 55.8 83.6
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 258.889 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

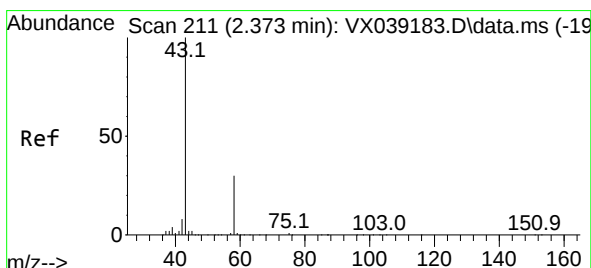
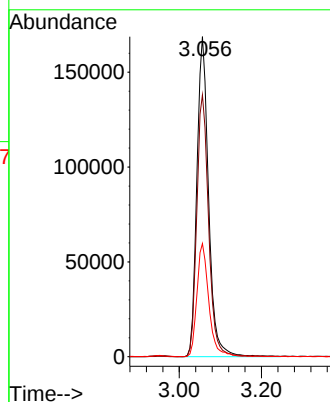
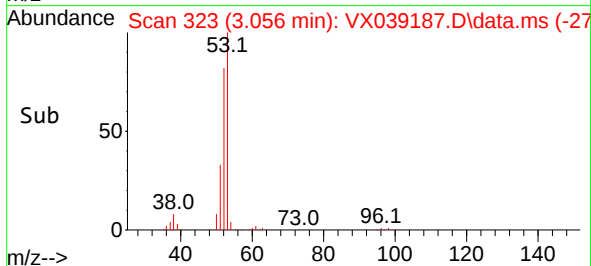
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 53 Resp: 333492
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 36.0 29.8 44.6

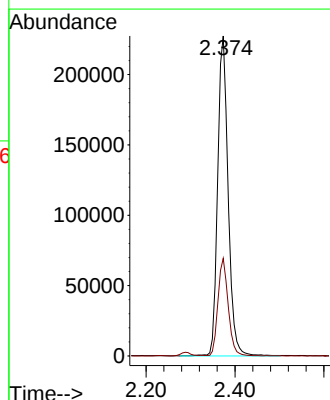
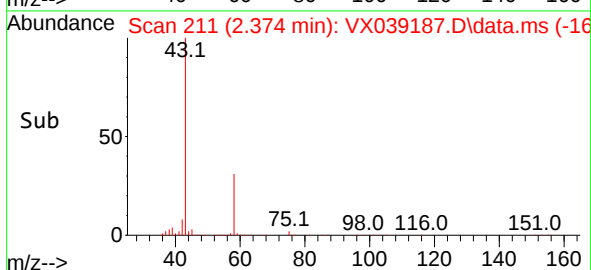
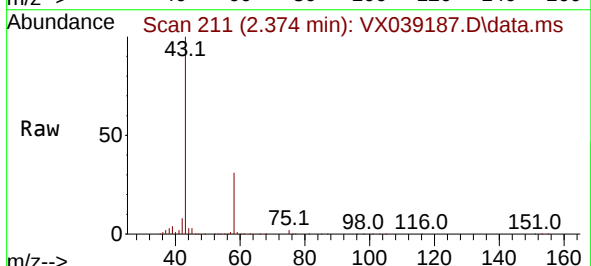
Manual Integrations
APPROVED

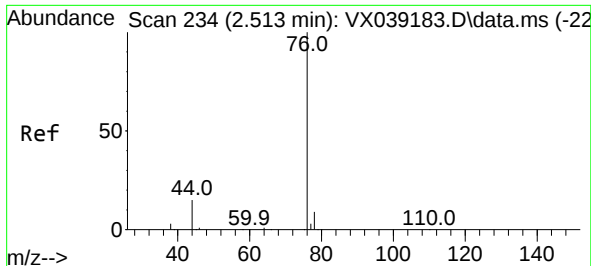
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 248.971 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 43 Resp: 370053
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9





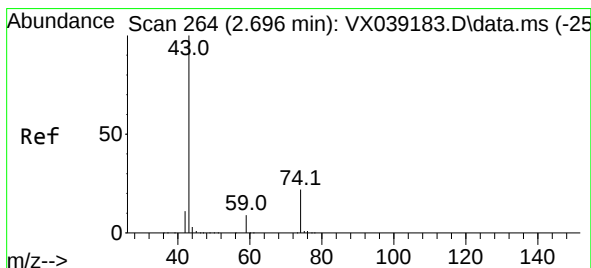
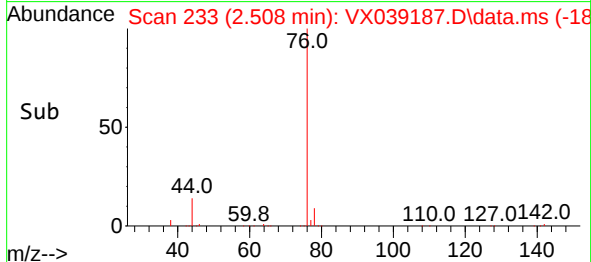
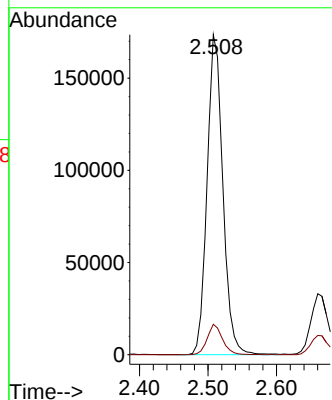
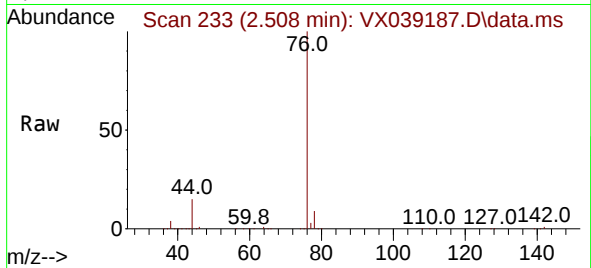
#17
Carbon Disulfide
Concen: 52.777 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121323

Tgt Ion: 76 Resp: 277848
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

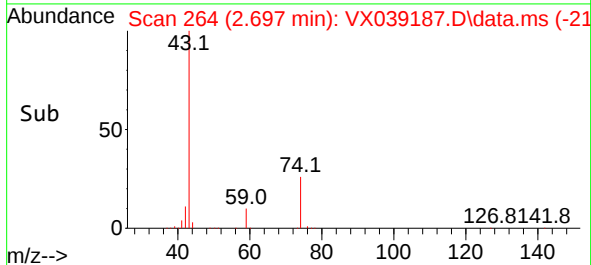
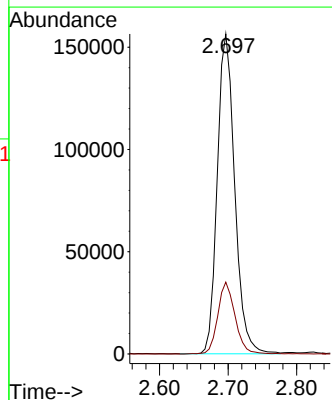
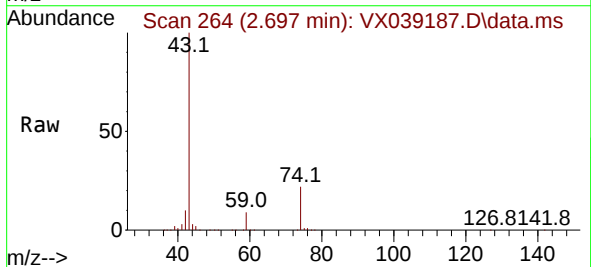
Manual Integrations
APPROVED

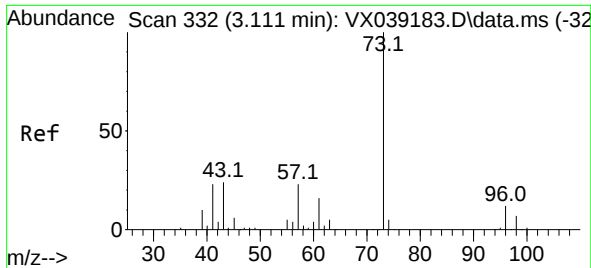
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 49.799 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

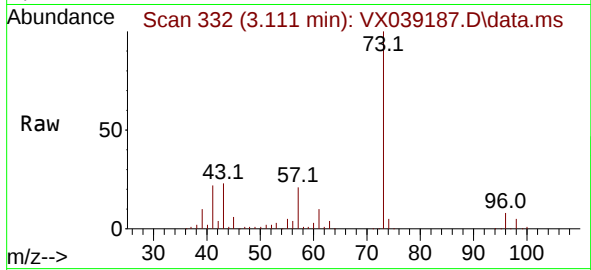
Tgt Ion: 43 Resp: 276045
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.548 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

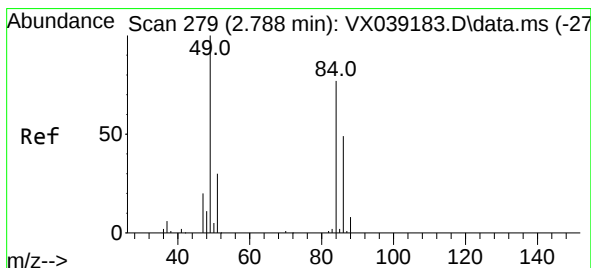
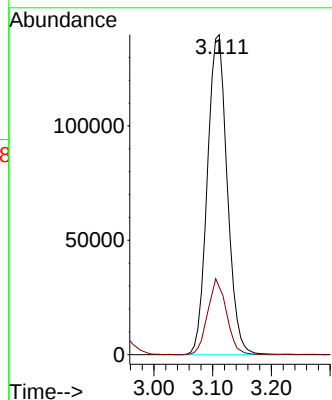
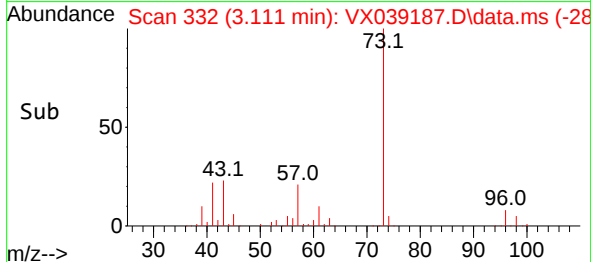
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 73 Resp: 328880
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

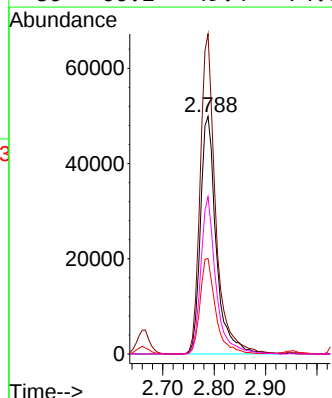
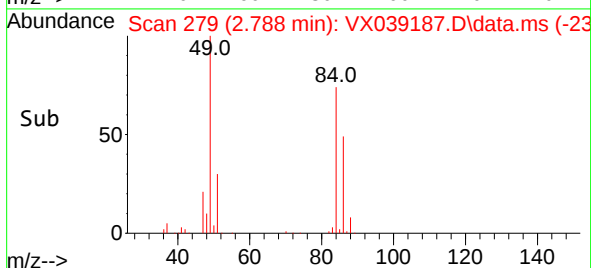
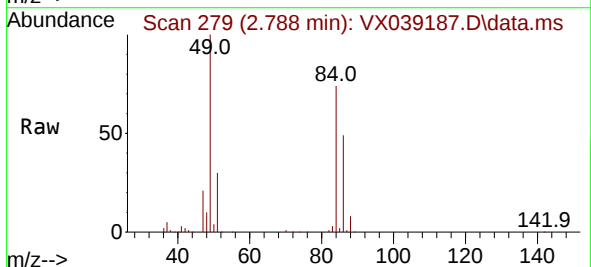
Manual Integrations
APPROVED

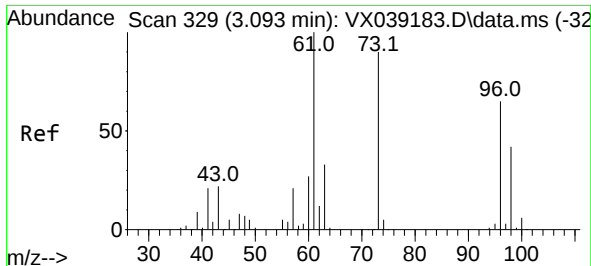
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 49.988 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 84 Resp: 106794
Ion Ratio Lower Upper
84 100
49 134.7 103.6 155.4
51 40.2 33.8 50.6
86 66.2 49.4 74.0





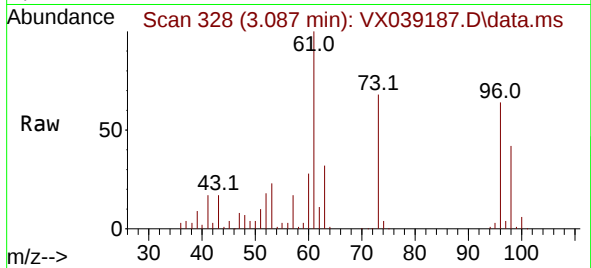
#21
trans-1,2-Dichloroethene
Concen: 50.733 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323



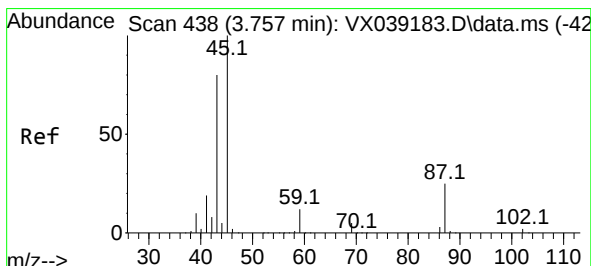
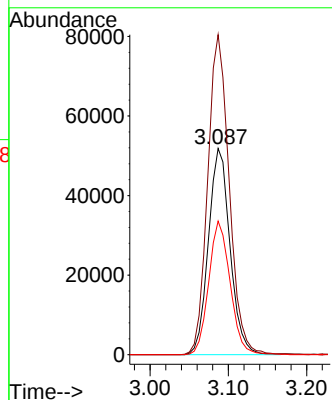
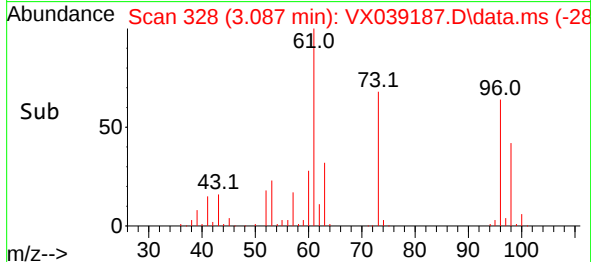
Tgt Ion: 96 Resp: 9931
Ion Ratio Lower Upper
96 100
61 155.2 119.2 178.8
98 64.8 48.7 73.1

Manual Integrations

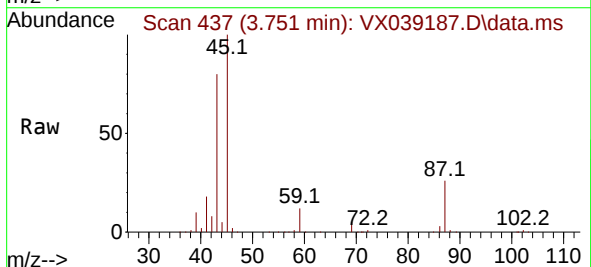
APPROVED

Reviewed By :John Carlone 12/14/2023

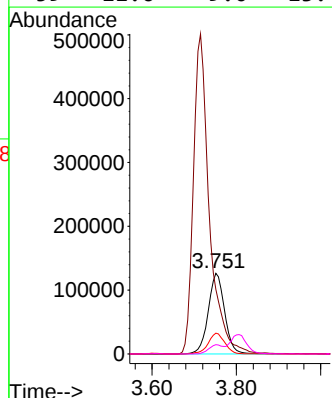
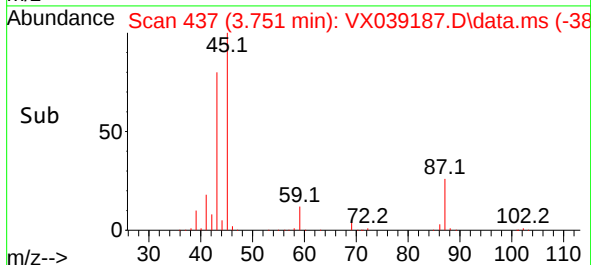
Supervised By :Mahesh Dadoda 12/14/2023

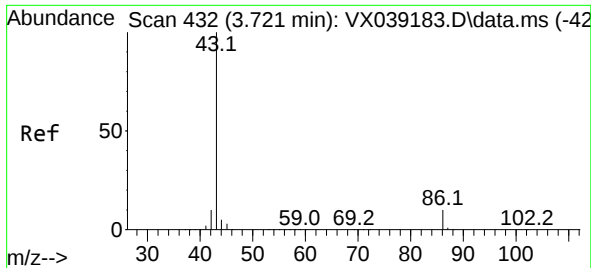


#22
Diisopropyl ether
Concen: 51.422 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion: 45 Resp: 341127
Ion Ratio Lower Upper
45 100
43 79.6 69.7 104.5
87 25.9 20.8 31.2
59 11.6 9.0 13.4





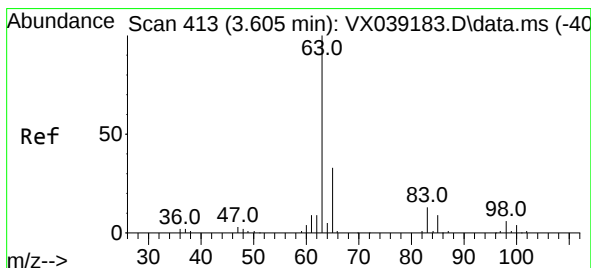
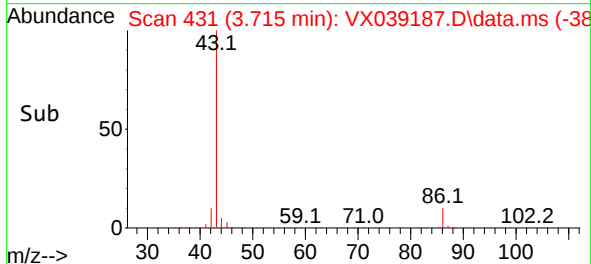
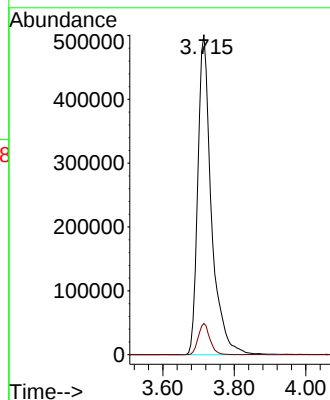
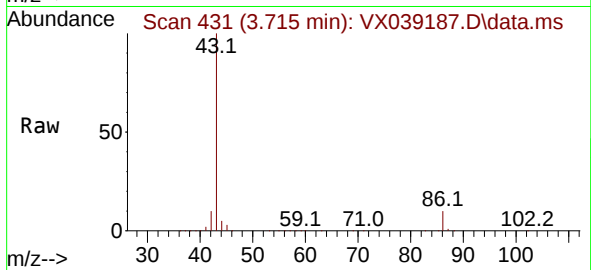
#23
 Vinyl Acetate
 Concen: 267.648 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX121323

Tgt Ion: 43 Resp: 132185
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

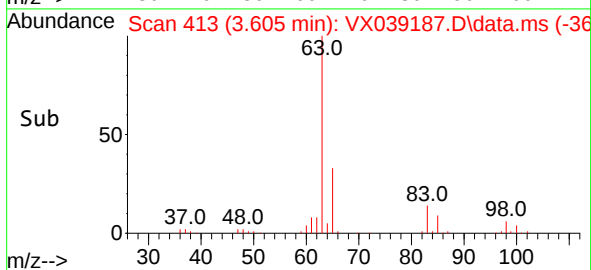
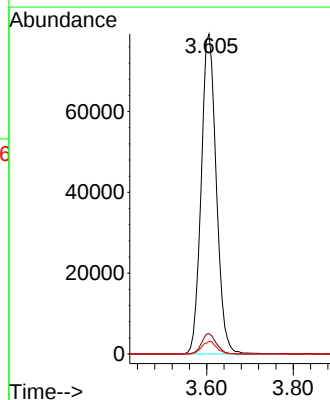
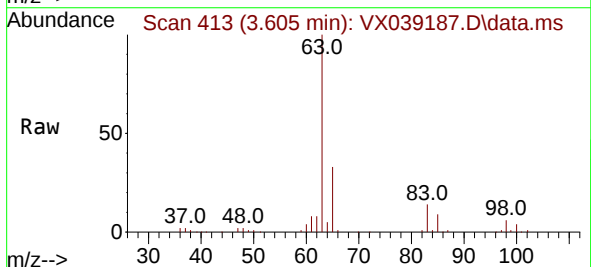
Manual Integrations
 APPROVED

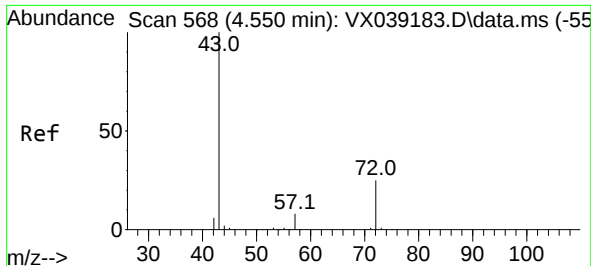
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 51.097 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Tgt Ion: 63 Resp: 191617
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 3.9 2.1 6.5





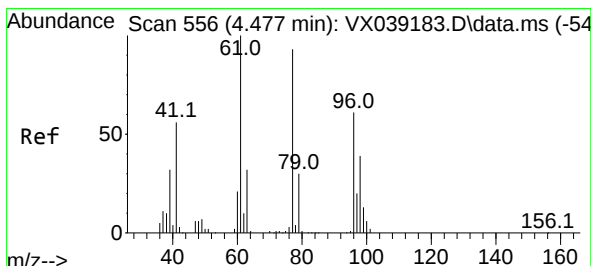
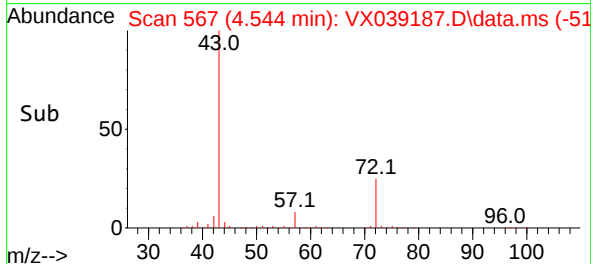
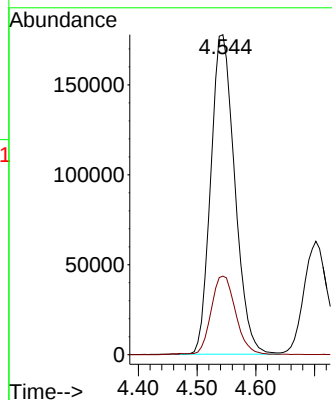
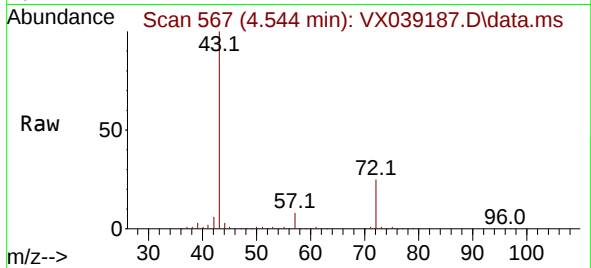
#25
2-Butanone
Concen: 228.265 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVVX121323

Tgt Ion: 43 Resp: 50480
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2

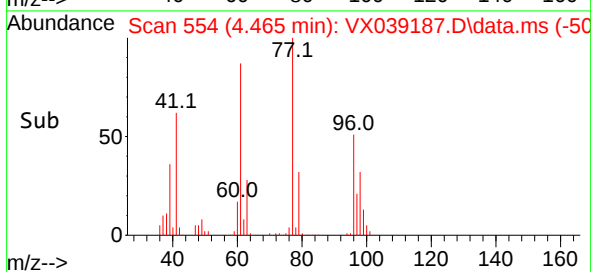
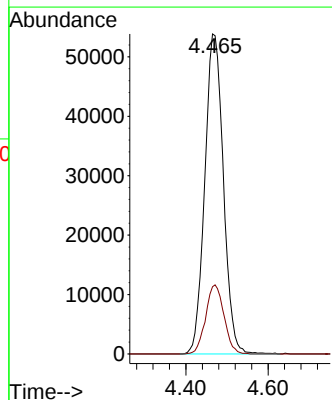
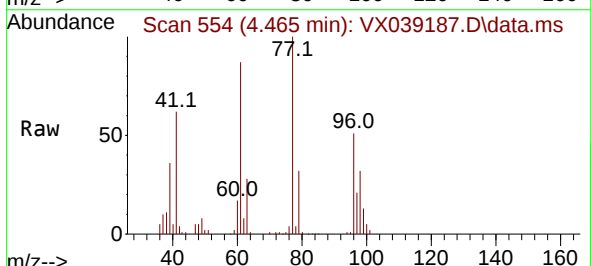
Manual Integrations
APPROVED

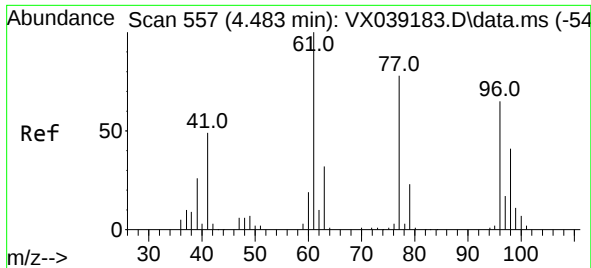
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 51.645 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 77 Resp: 169080
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





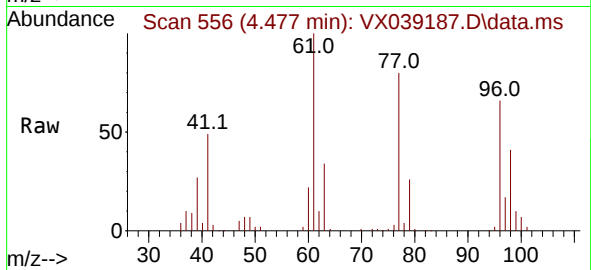
#27
 cis-1,2-Dichloroethene
 Concen: 52.279 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323



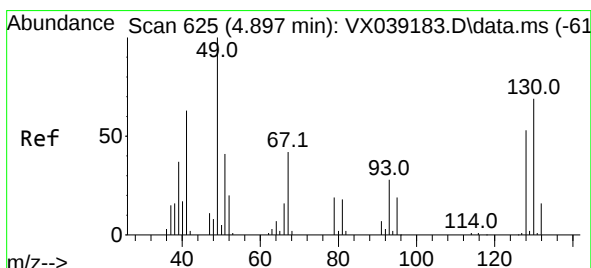
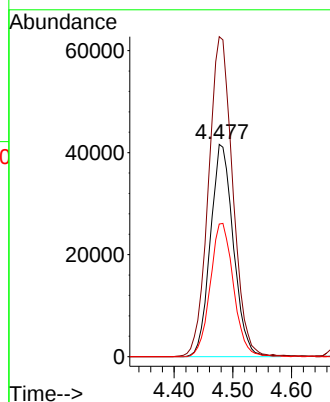
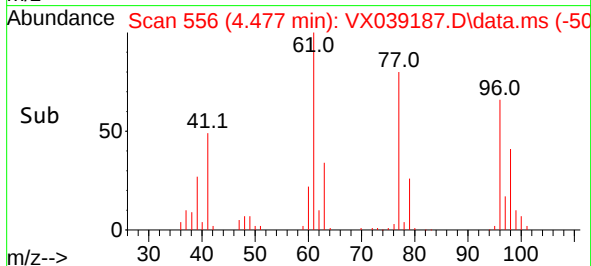
Tgt Ion: 96 Resp: 112958
 Ion Ratio Lower Upper
 96 100
 61 159.5 0.0 312.2
 98 63.5 0.0 129.0

Manual Integrations

APPROVED

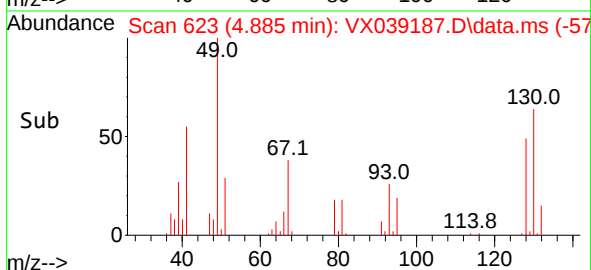
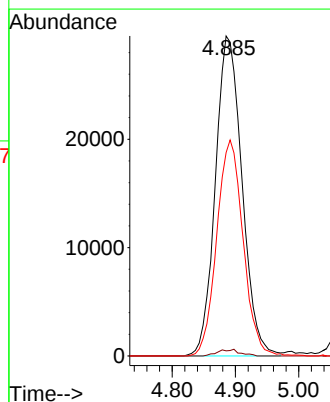
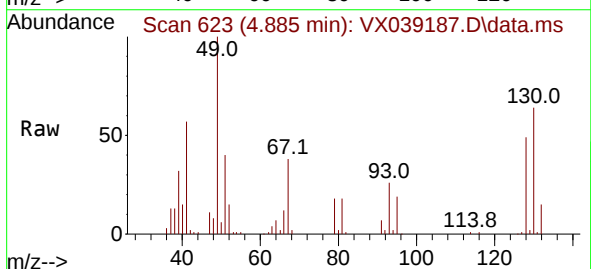
Reviewed By :John Carlone 12/14/2023

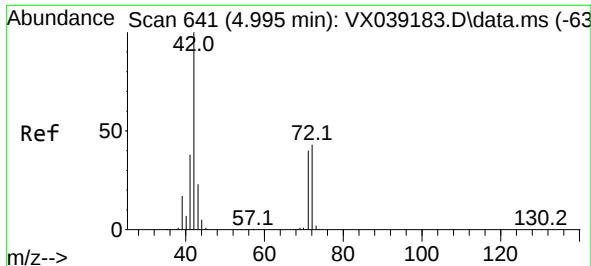
Supervised By :Mahesh Dadoda 12/14/2023



#28
 Bromochloromethane
 Concen: 47.224 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Tgt Ion: 49 Resp: 86409
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 66.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.936 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039187.D

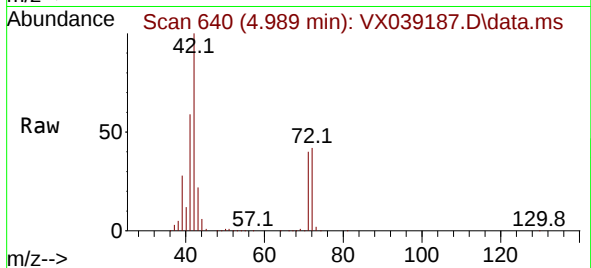
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323



Tgt Ion: 42 Resp: 312572

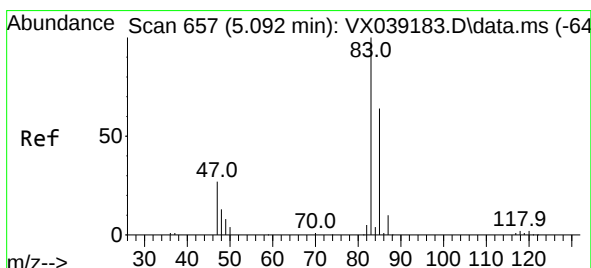
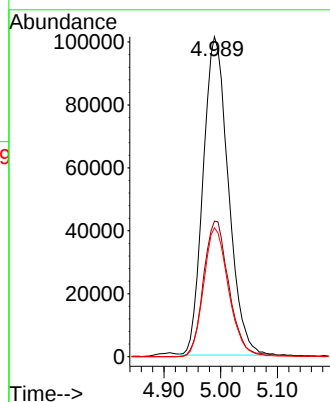
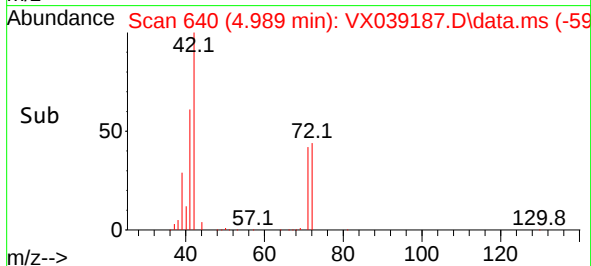
Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.2	51.4
71	40.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 50.649 ug/l

RT: 5.087 min Scan# 656

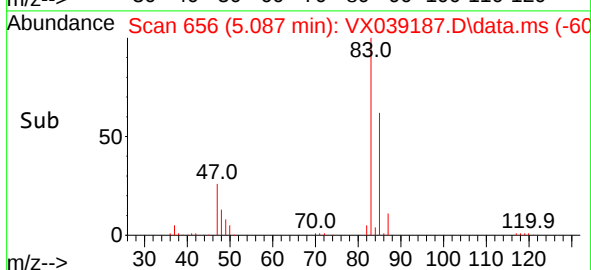
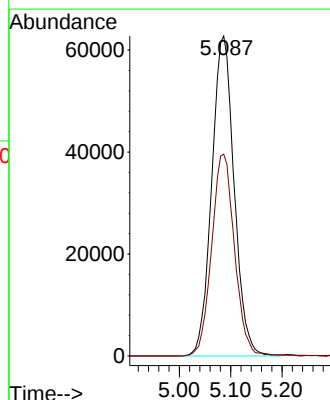
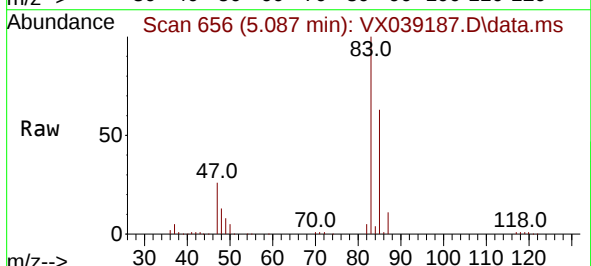
Delta R.T. -0.006 min

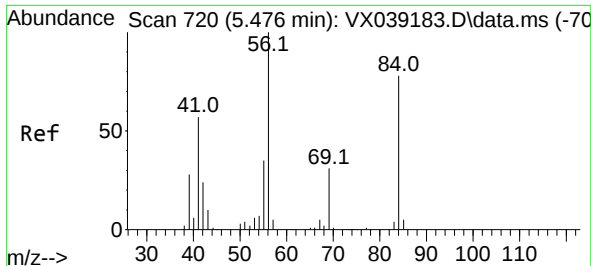
Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Tgt Ion: 83 Resp: 189809

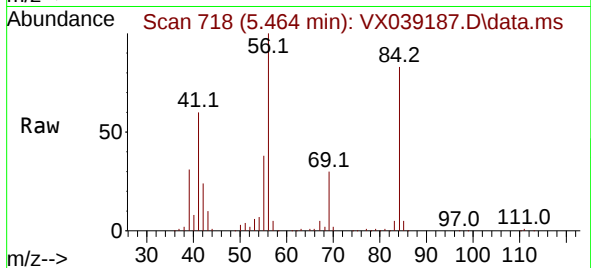
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 52.191 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

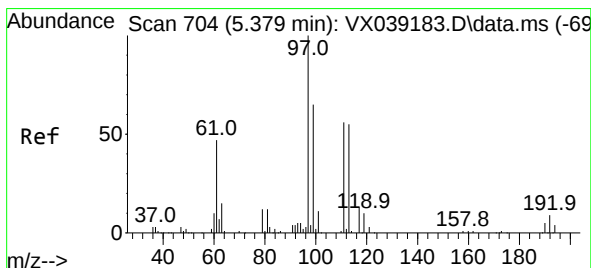
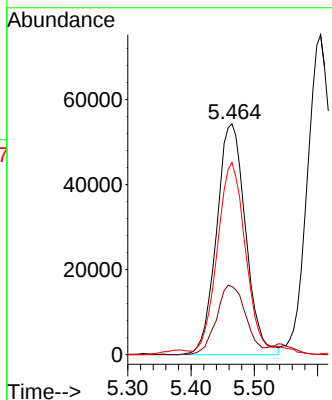
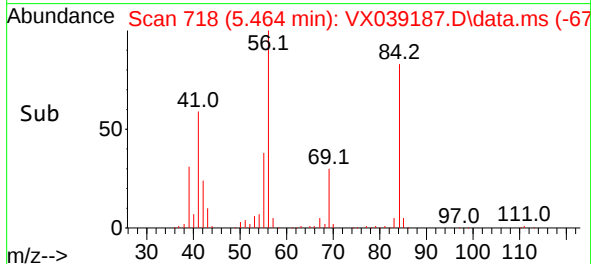
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121323



Tgt Ion: 56 Resp: 172760
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 81.2 65.9 98.9

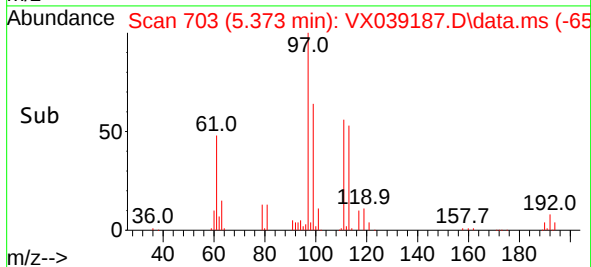
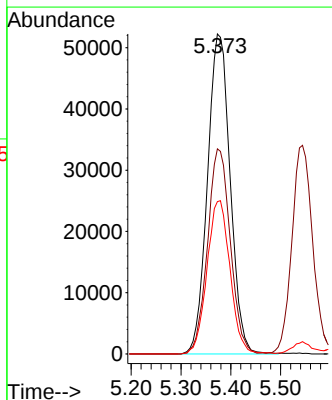
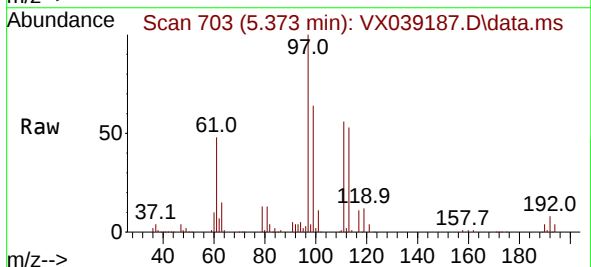
Manual Integrations
APPROVED

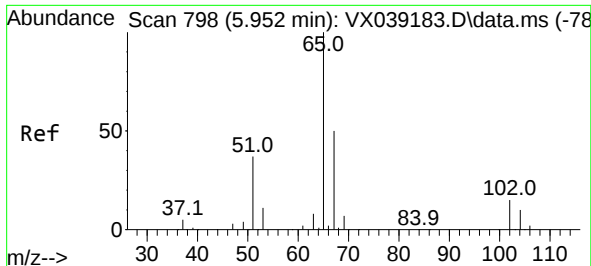
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 50.822 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 97 Resp: 165337
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 48.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.465 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion: 65 Resp: 119079

Ion Ratio Lower Upper

65 100

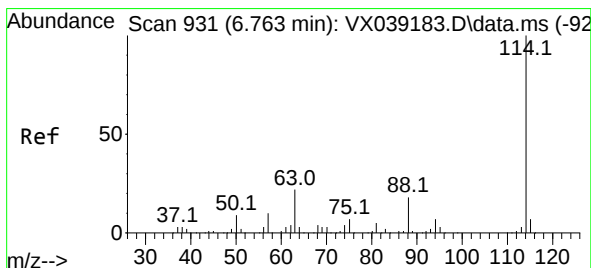
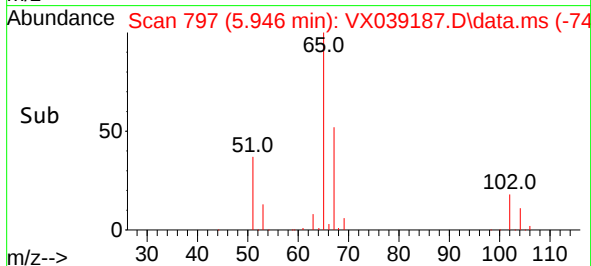
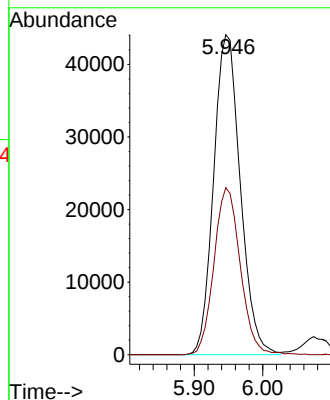
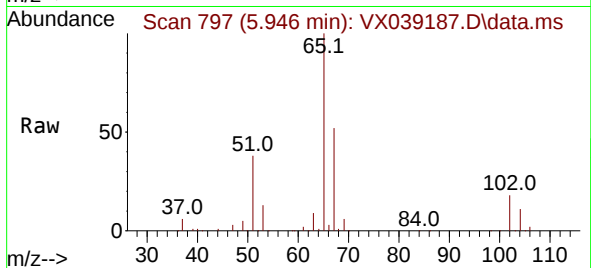
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

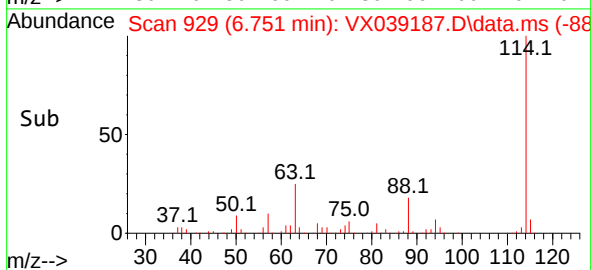
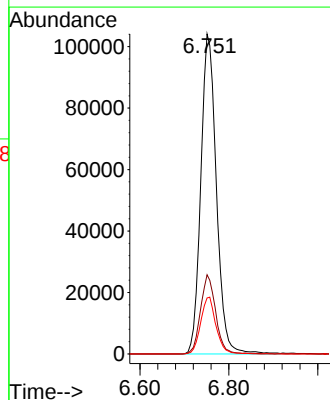
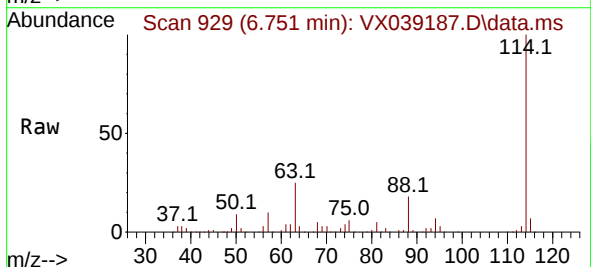
Tgt Ion:114 Resp: 254437

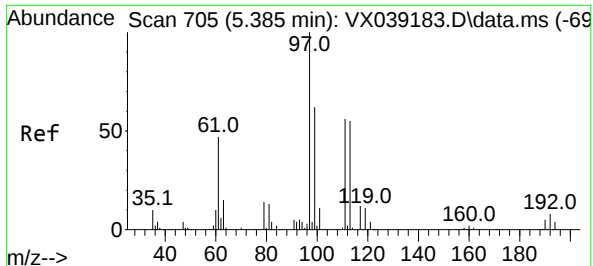
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.0

88 17.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.289 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

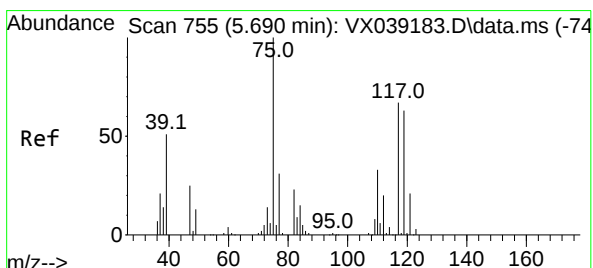
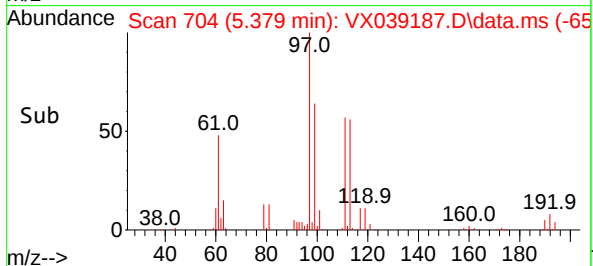
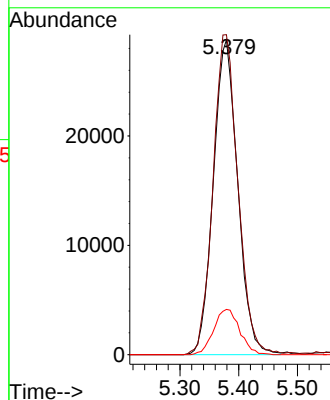
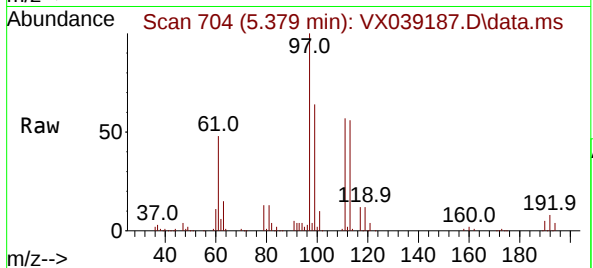
Tgt Ion:	113	Resp:	8312
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.9	124.3
192	15.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 52.204 ug/l

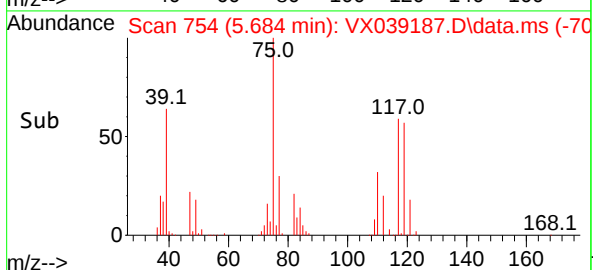
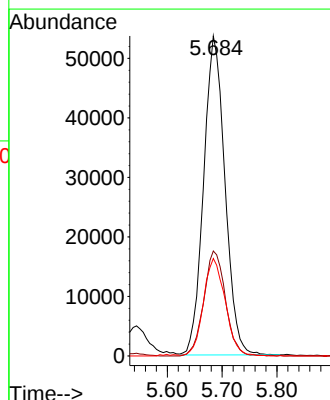
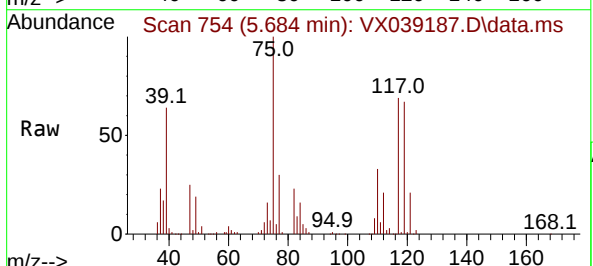
RT: 5.684 min Scan# 754

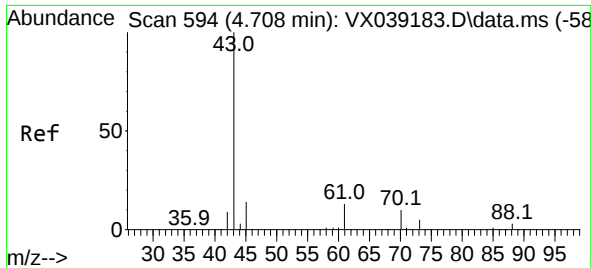
Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Tgt Ion:	75	Resp:	144806
Ion Ratio	Lower	Upper	
75	100		
110	33.4	17.0	50.9
77	31.3	24.7	37.1





#37
Ethyl Acetate
Concen: 52.996 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

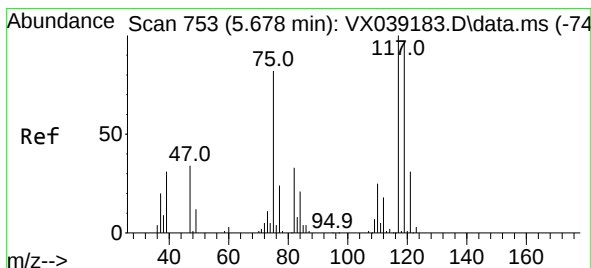
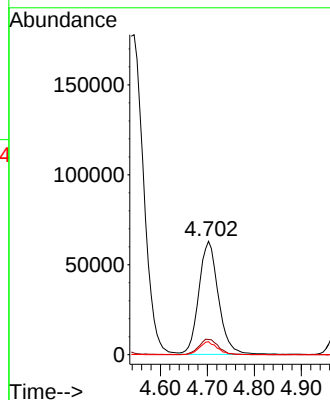
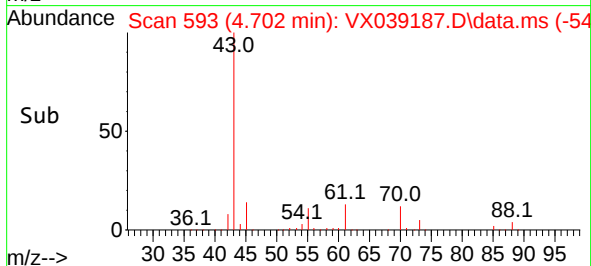
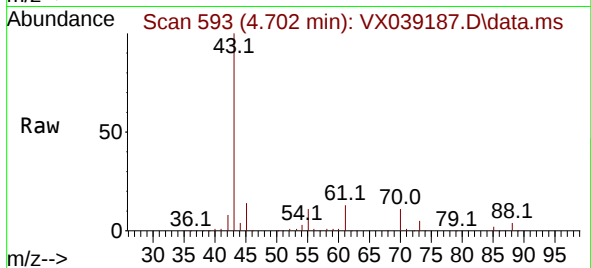
ClientSampleId :

ICVX121323

Tgt Ion: 43 Resp: 181612
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.5 8.3 12.5

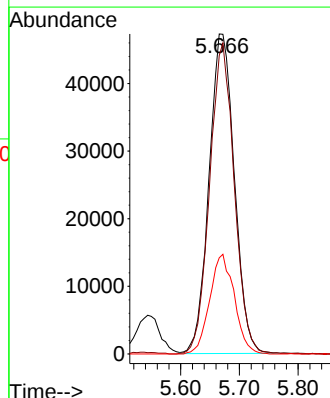
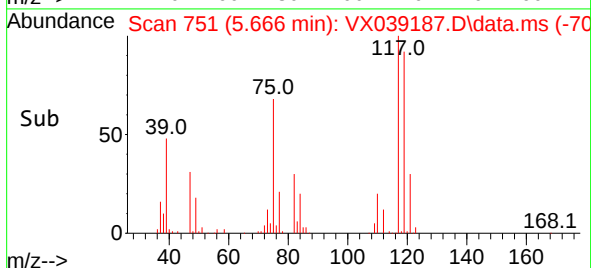
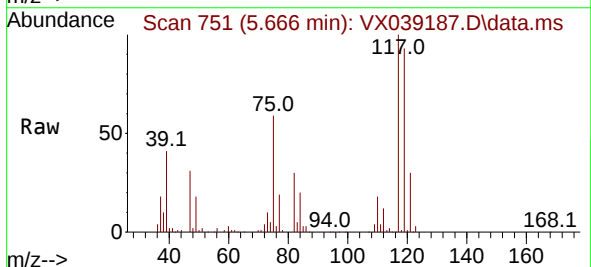
Manual Integrations
APPROVED

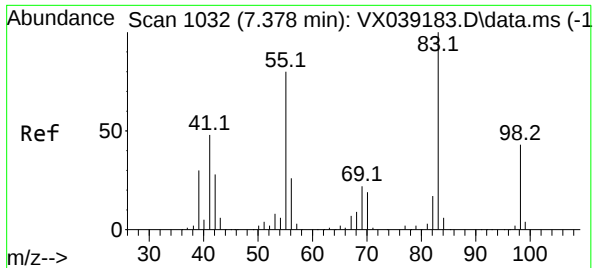
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#38
Carbon Tetrachloride
Concen: 53.564 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion:117 Resp: 141789
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.2
121 30.1 24.4 36.6





#39
Methylcyclohexane
Concen: 52.989 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

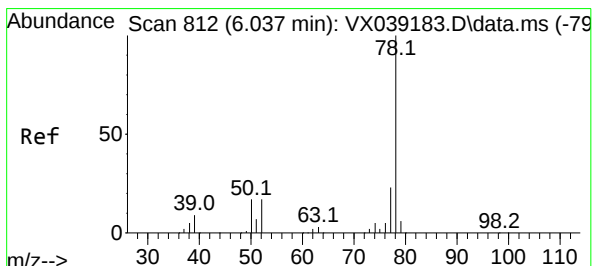
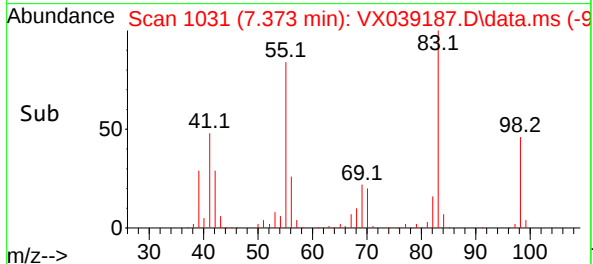
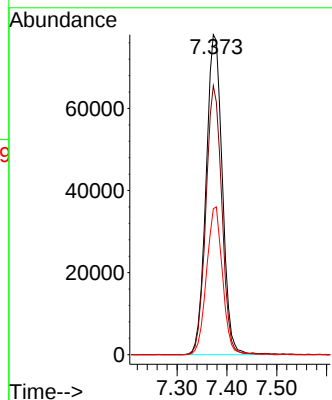
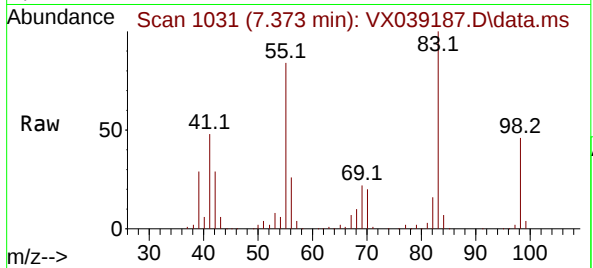
ICVX121323

Tgt Ion: 83 Resp: 176554
Ion Ratio Lower Upper
83 100
55 84.1 64.6 97.0
98 45.6 36.7 55.1

Manual Integrations

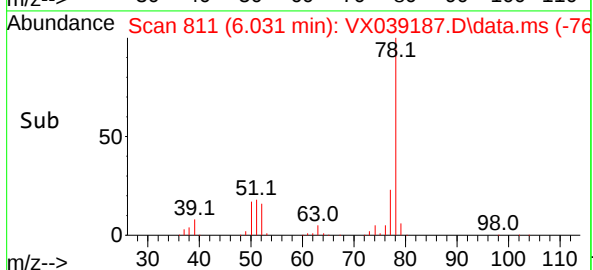
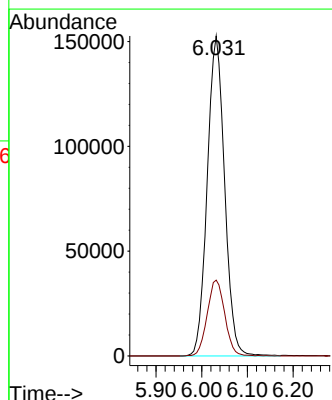
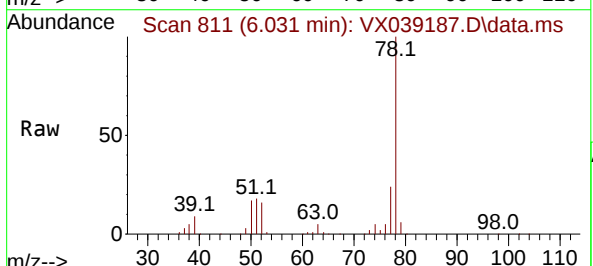
APPROVED

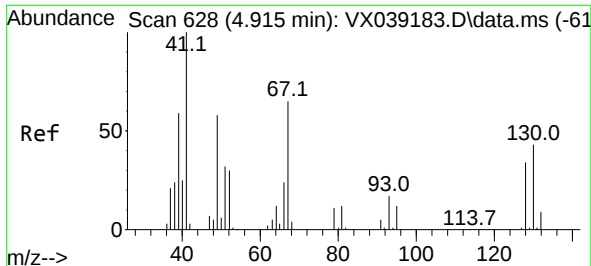
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#40
Benzene
Concen: 51.275 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 78 Resp: 402323
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





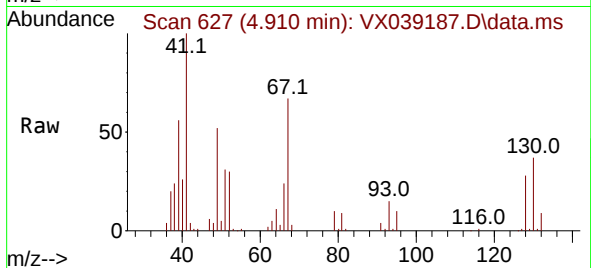
#41
Methacrylonitrile
Concen: 52.985 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323



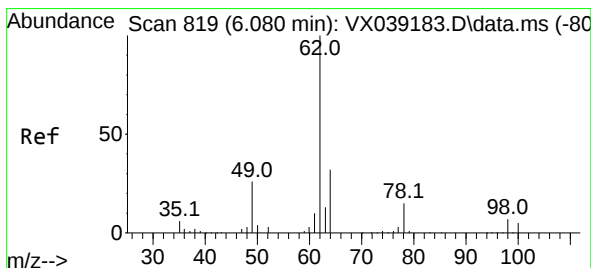
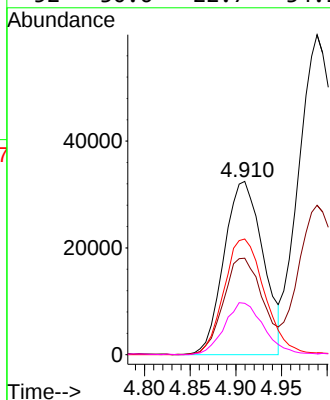
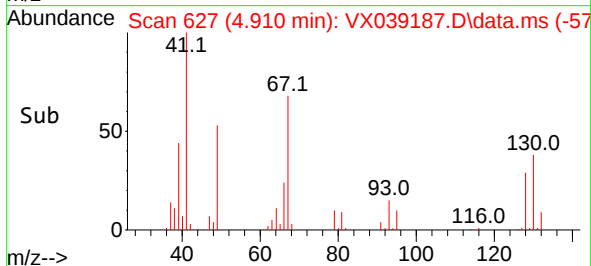
Tgt Ion: 41 Resp: 96880
Ion Ratio Lower Upper
41 100
39 56.1 45.2 67.8
67 69.7 52.6 78.8
52 30.6 22.7 34.1

Manual Integrations

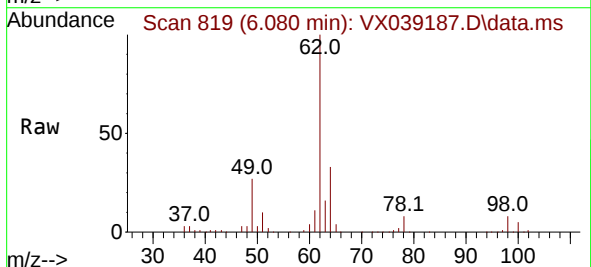
APPROVED

Reviewed By :John Carlone 12/14/2023

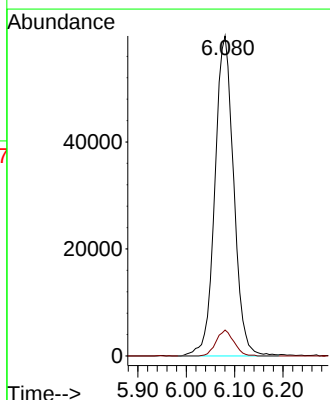
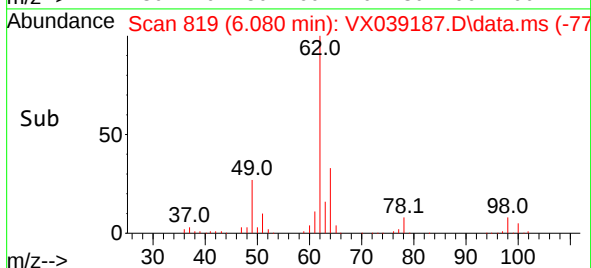
Supervised By :Mahesh Dadoda 12/14/2023

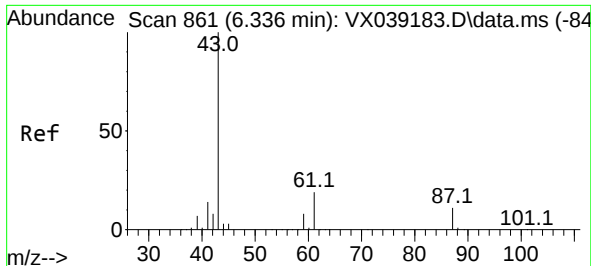


#42
1,2-Dichloroethane
Concen: 51.019 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



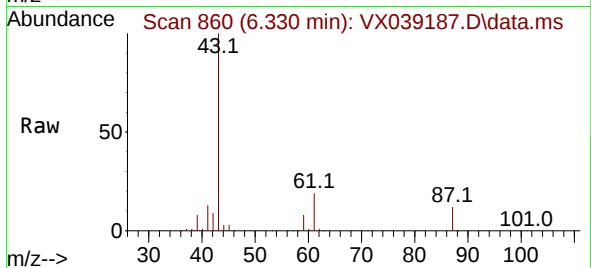
Tgt Ion: 62 Resp: 162045
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.270 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

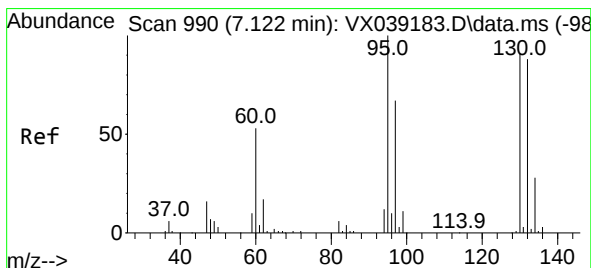
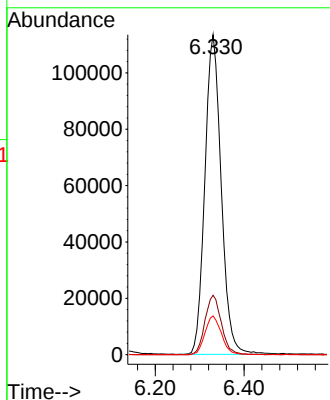
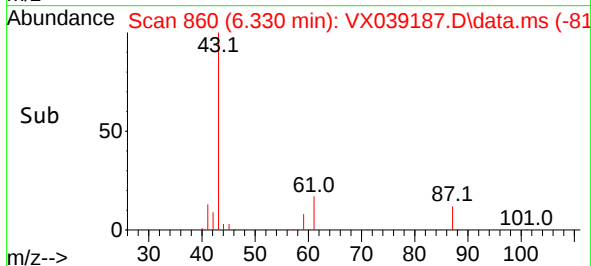
Instrument :
MSVOA_X
ClientSampleId :
ICVWX121323



Tgt Ion: 43 Resp: 291285
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.2 9.8 14.6

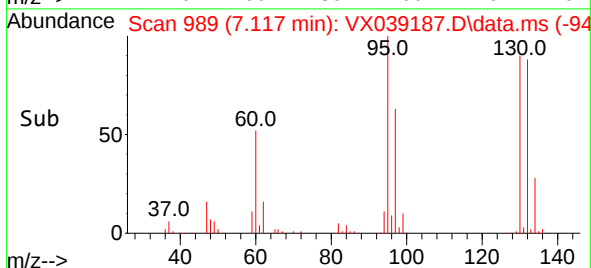
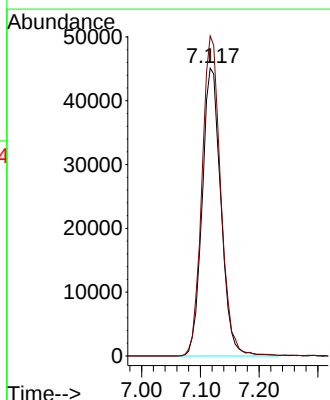
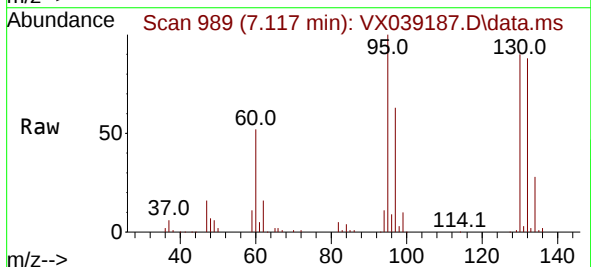
Manual Integrations
APPROVED

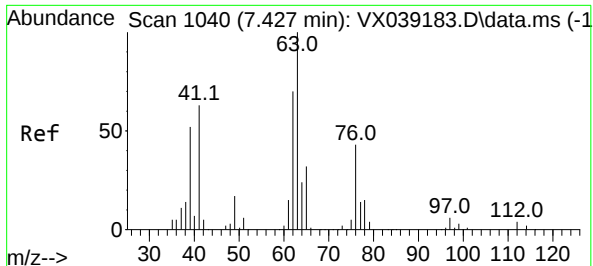
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 50.554 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion:130 Resp: 100098
Ion Ratio Lower Upper
130 100
95 111.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.870 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion: 63 Resp: 109229

Ion Ratio Lower Upper

63 100

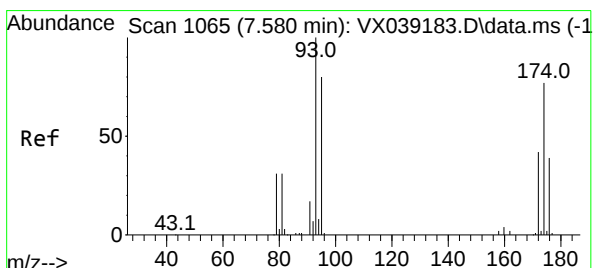
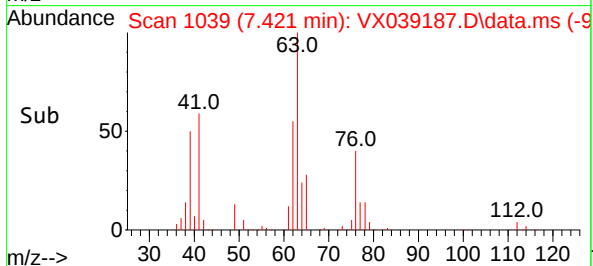
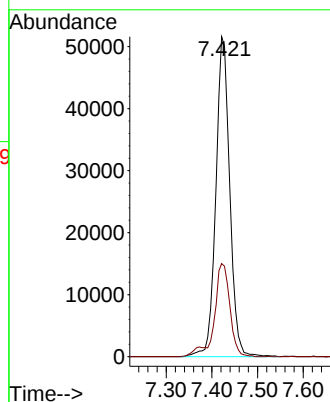
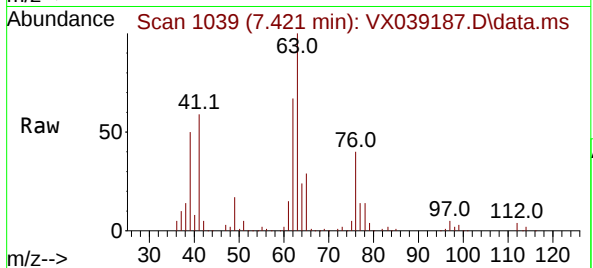
65 29.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 50.595 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

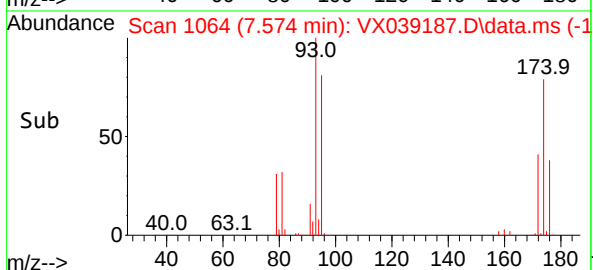
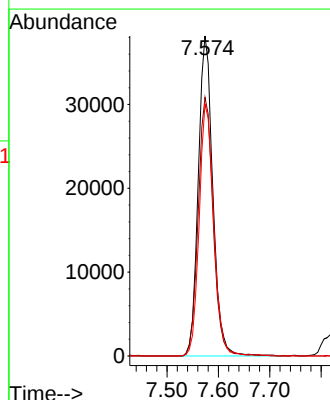
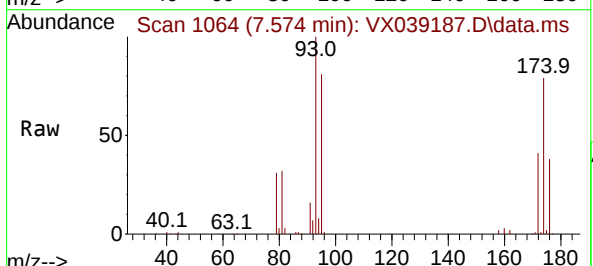
Tgt Ion: 93 Resp: 74896

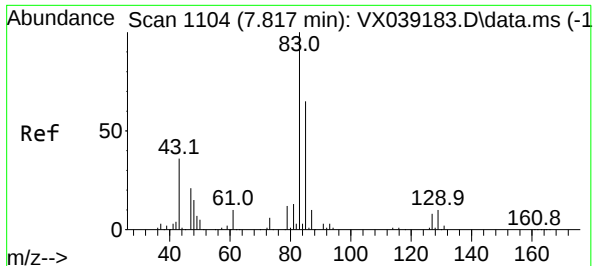
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

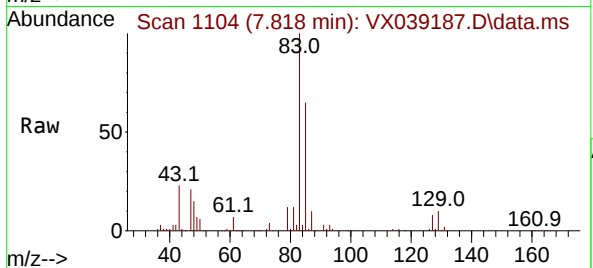
174 78.8 69.4 104.0





#47
Bromodichloromethane
Concen: 53.132 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

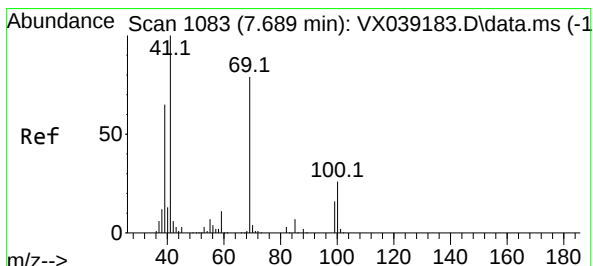
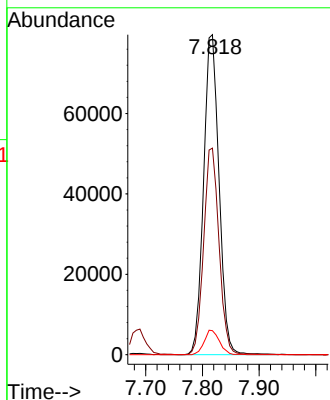
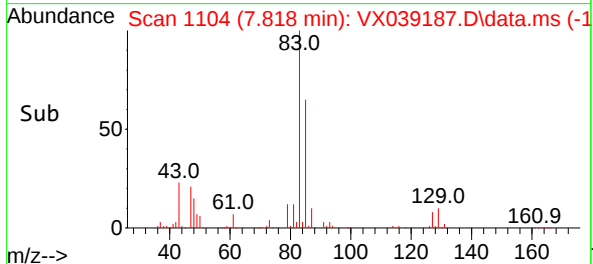
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 83 Resp: 15038
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 7.5 7.1 10.7

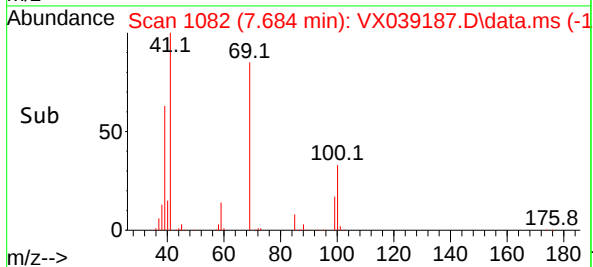
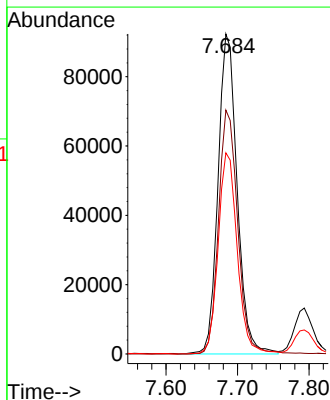
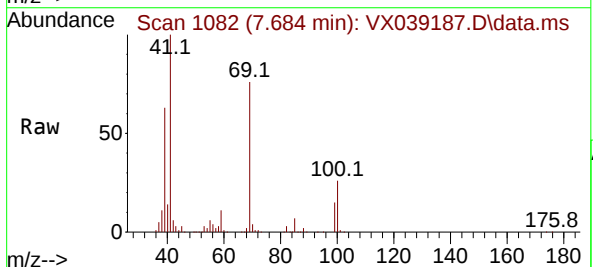
Manual Integrations
APPROVED

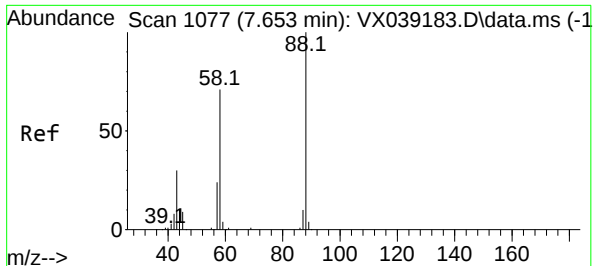
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 52.621 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 41 Resp: 171433
Ion Ratio Lower Upper
41 100
69 77.1 59.2 88.8
39 62.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1105.712 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

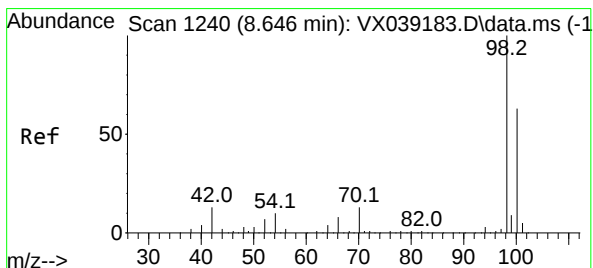
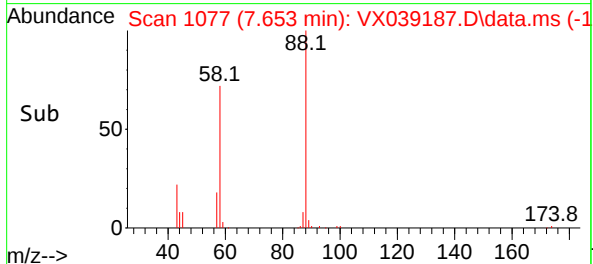
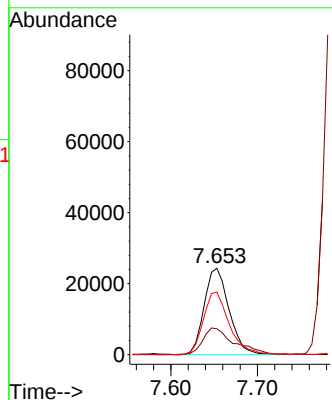
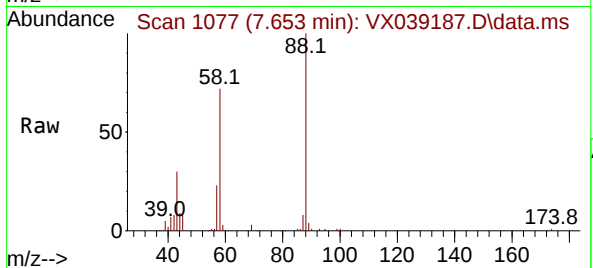
Tgt Ion: 88 Resp: 4855
 Ion Ratio Lower Upper
 88 100
 43 39.5 0.0 0.0
 58 75.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 47.410 ug/l

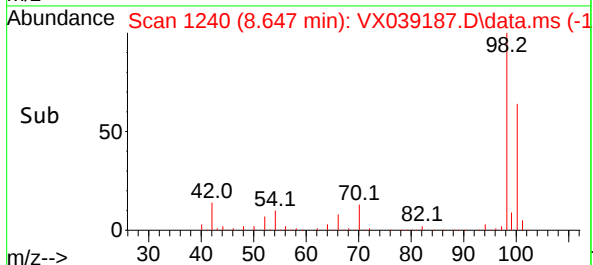
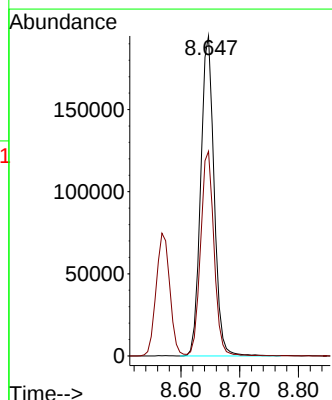
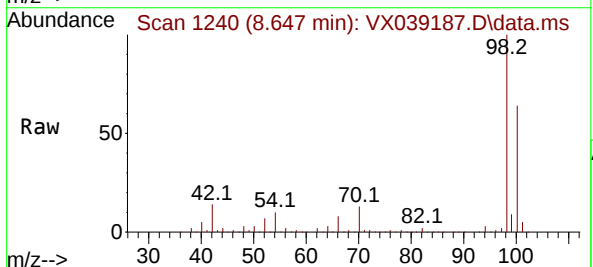
RT: 8.647 min Scan# 1240

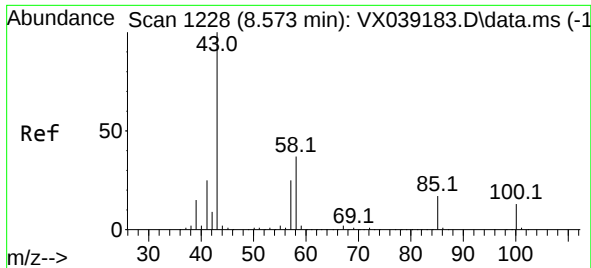
Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Tgt Ion: 98 Resp: 309387
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.1 79.7





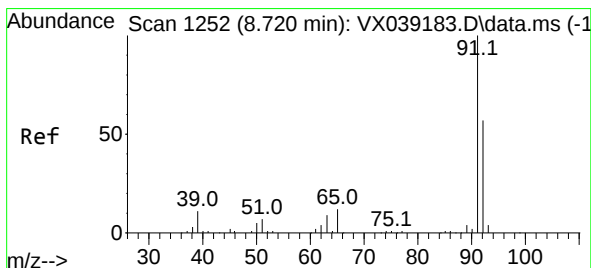
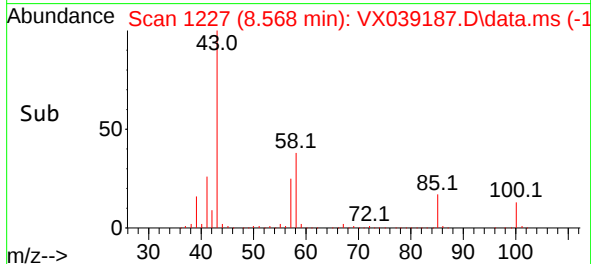
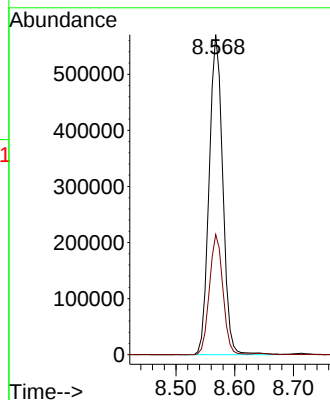
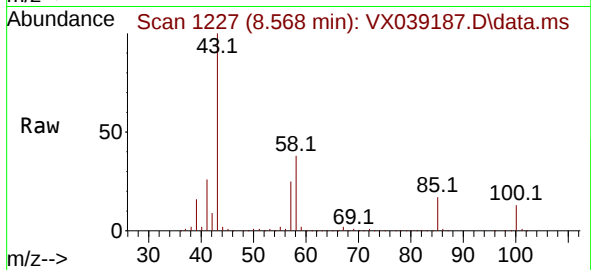
#51
4-Methyl-2-Pentanone
Concen: 257.991 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX121323

Tgt Ion: 43 Resp: 91602
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

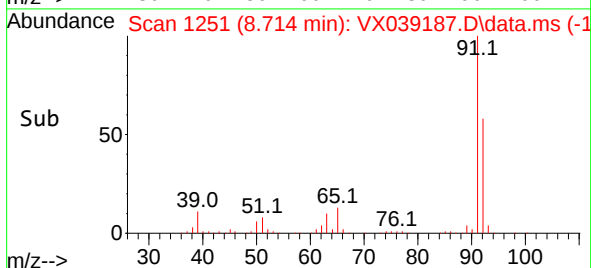
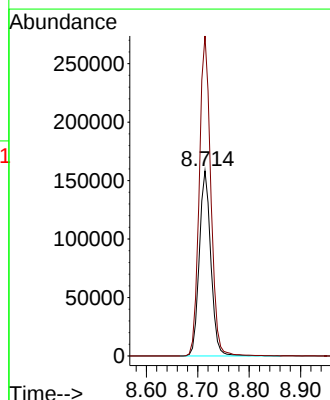
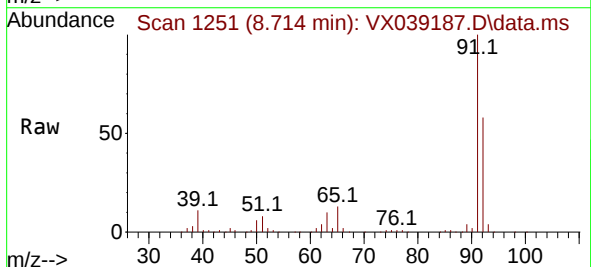
Manual Integrations
APPROVED

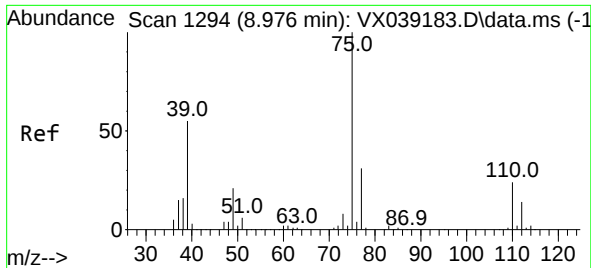
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 52.060 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 92 Resp: 246548
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 54.044 ug/l
 RT: 8.970 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

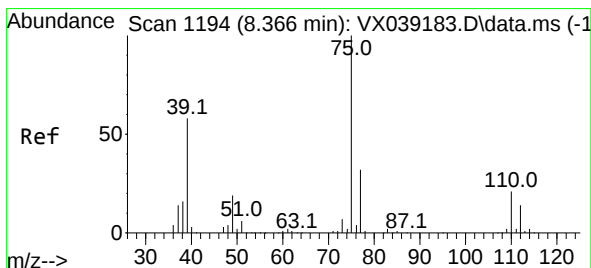
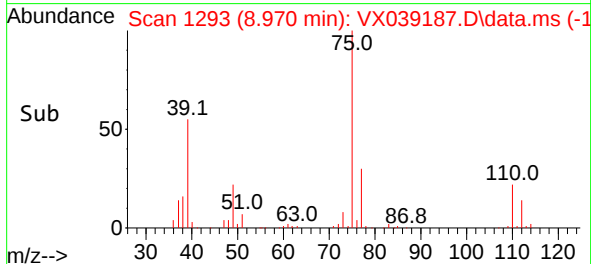
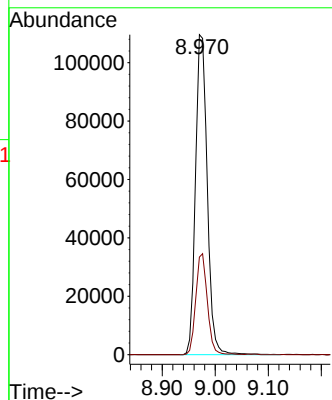
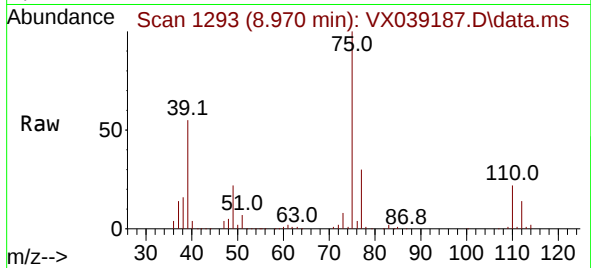
ICVX121323

Tgt Ion: 75 Resp: 168400
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5

Manual Integrations

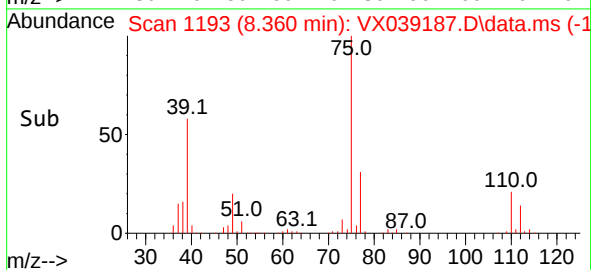
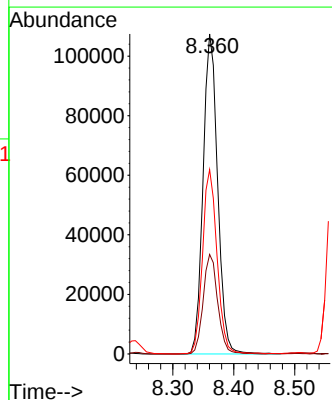
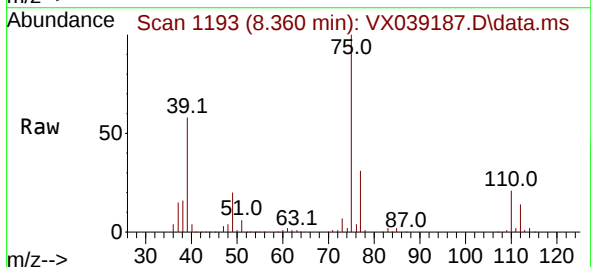
APPROVED

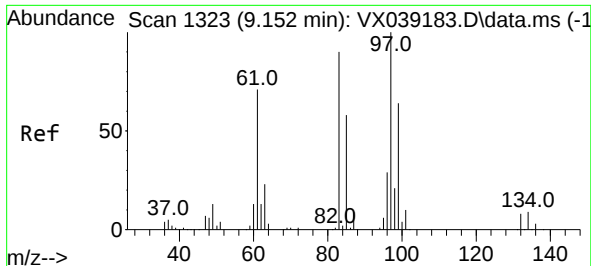
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.249 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

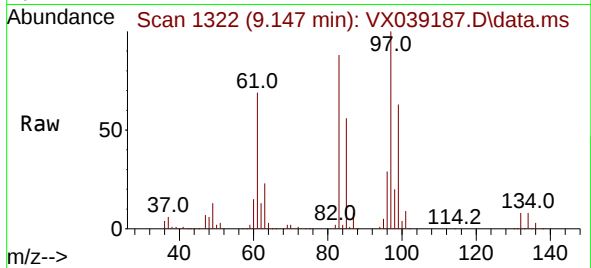
Tgt Ion: 75 Resp: 178539
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 57.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.719 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

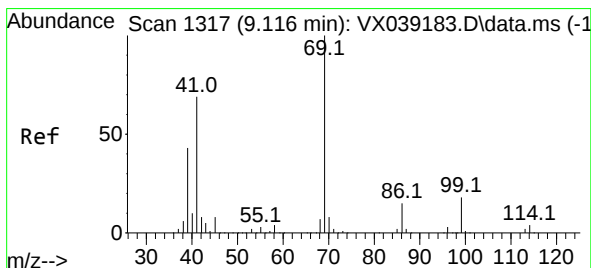
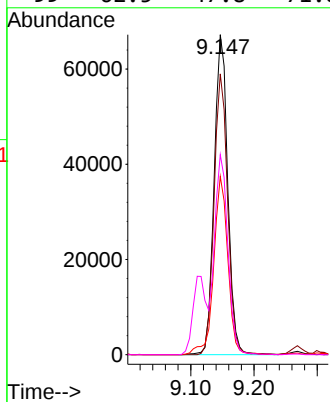
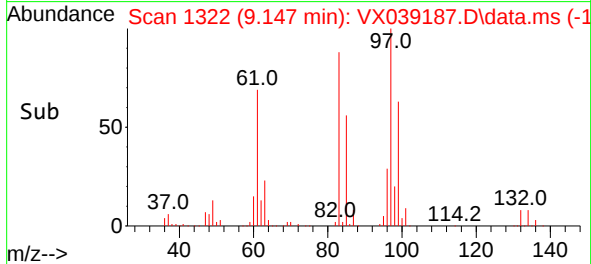
Instrument : MSVOA_X
ClientSampleId : ICVVX121323



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.8	98.8
85	55.7	41.6	62.4
99	62.5	47.8	71.8

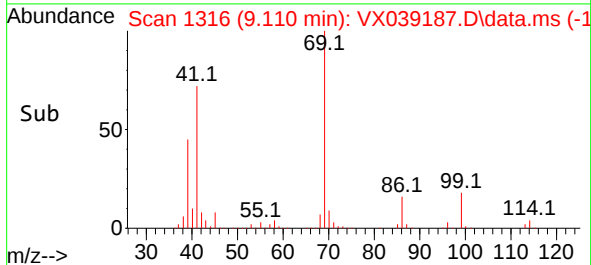
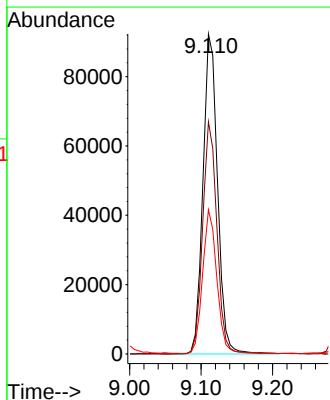
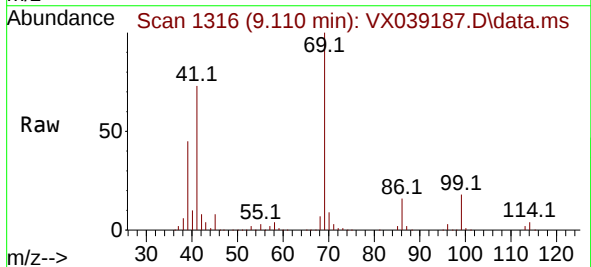
Manual Integrations
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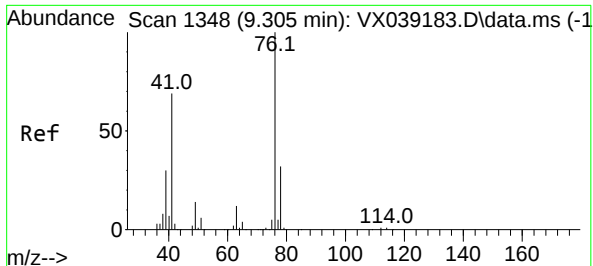
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#56
Ethyl methacrylate
Concen: 54.233 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.8	85.2
39	44.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.779 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion: 76 Resp: 17356

Ion Ratio Lower Upper

76 100

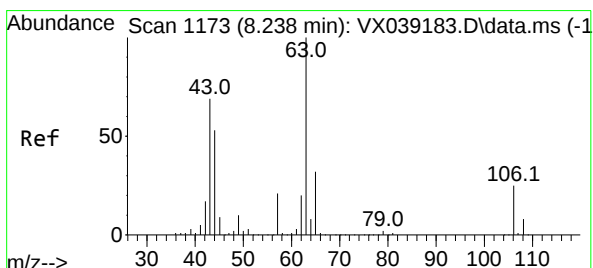
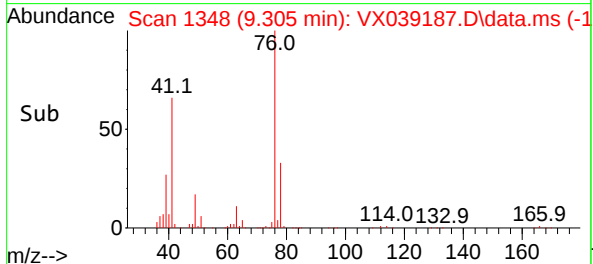
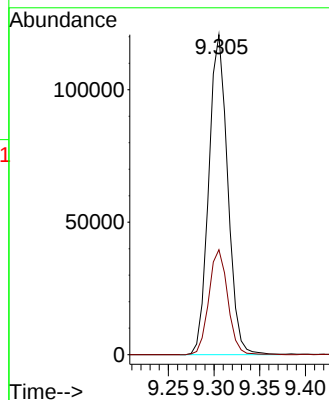
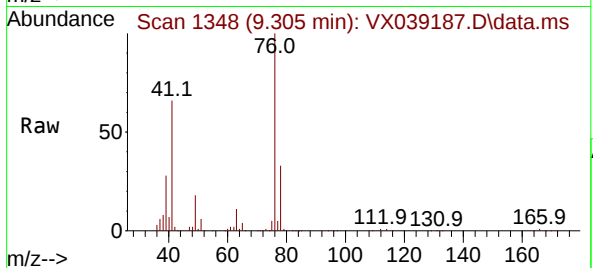
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 214.221 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039187.D

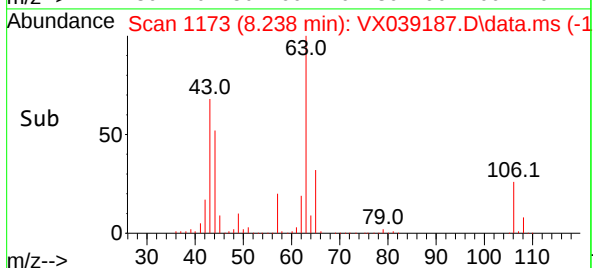
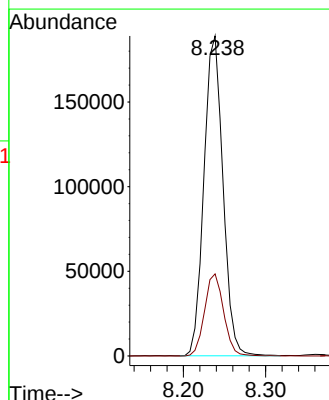
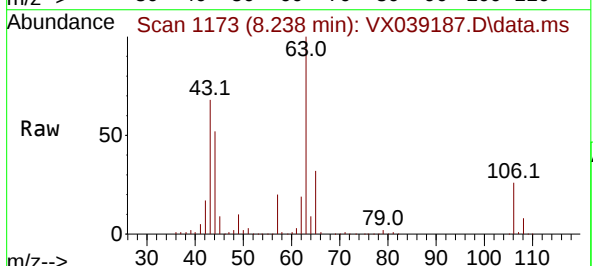
Acq: 13 Dec 2023 14:13

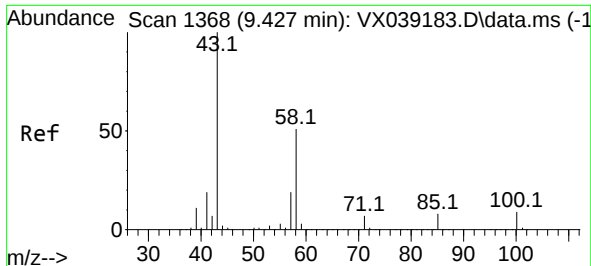
Tgt Ion: 63 Resp: 303603

Ion Ratio Lower Upper

63 100

106 25.7 22.5 33.7





#59

2-Hexanone

Concen: 242.922 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion: 43 Resp: 744390

Ion Ratio Lower Upper

43 100

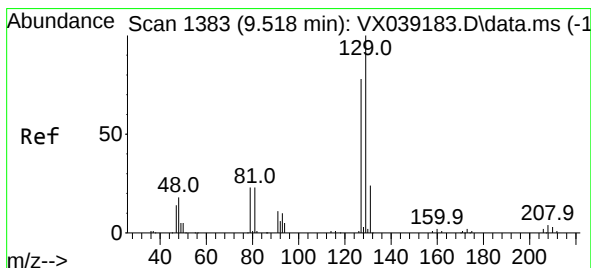
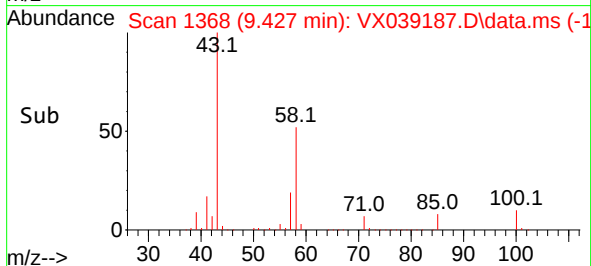
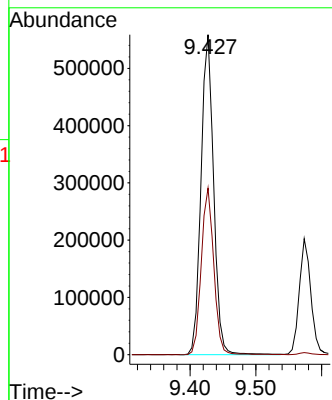
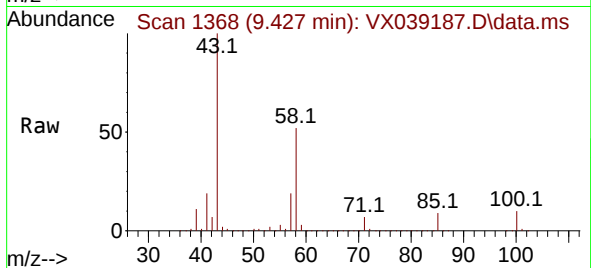
58 51.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#60

Dibromochloromethane

Concen: 53.354 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039187.D

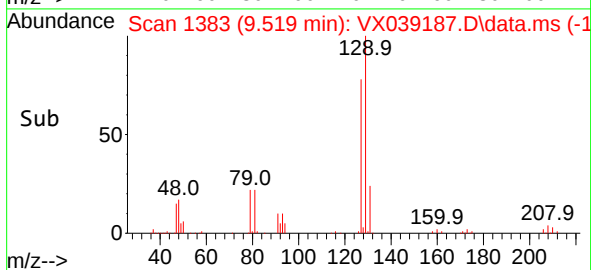
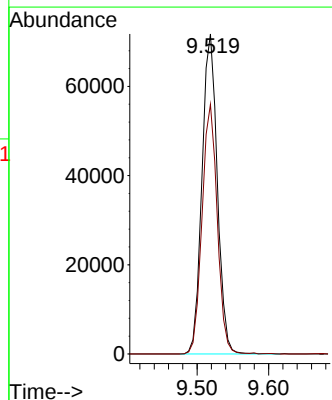
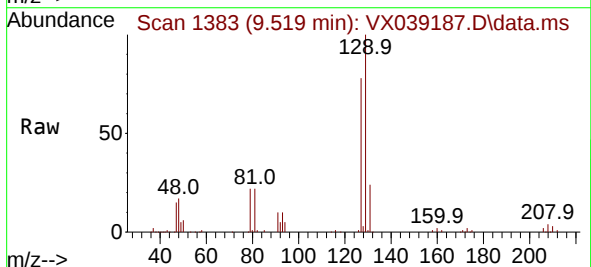
Acq: 13 Dec 2023 14:13

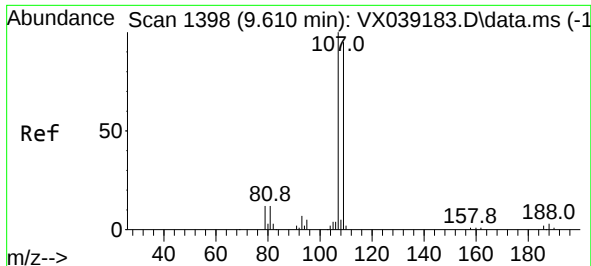
Tgt Ion:129 Resp: 106684

Ion Ratio Lower Upper

129 100

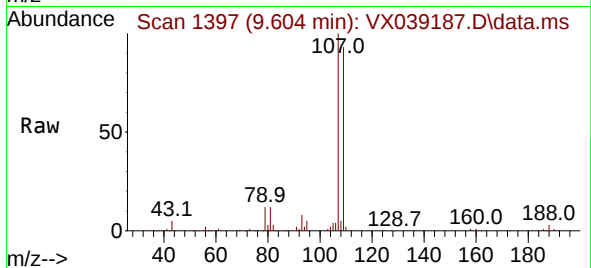
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.757 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

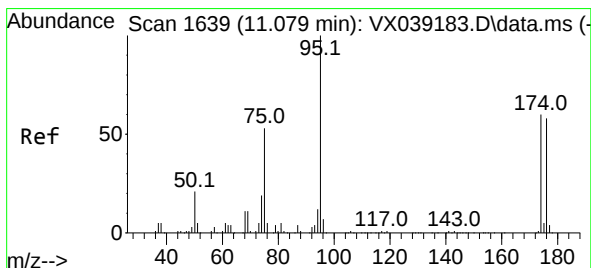
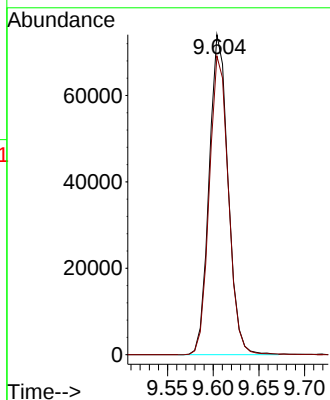
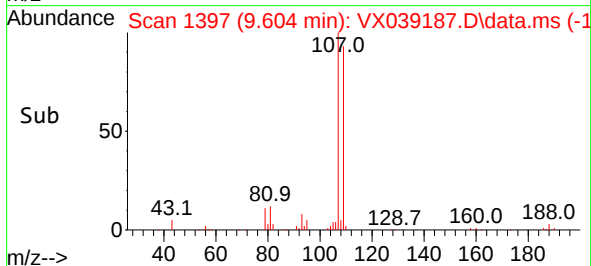
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



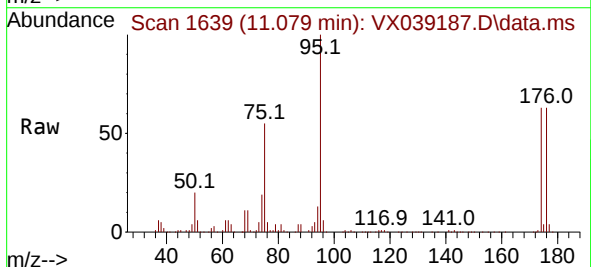
Tgt Ion:107 Resp: 107130
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

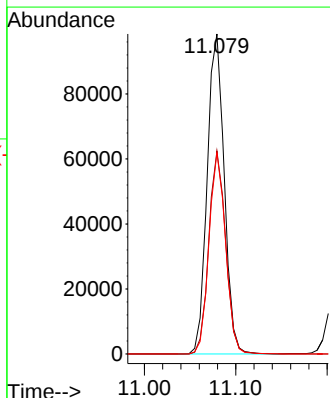
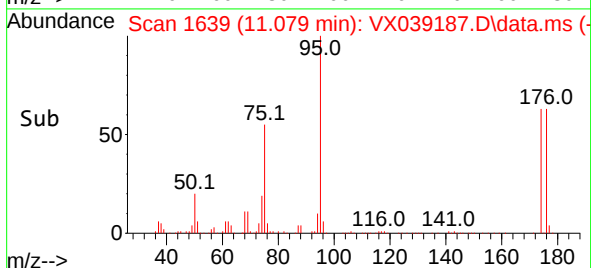
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

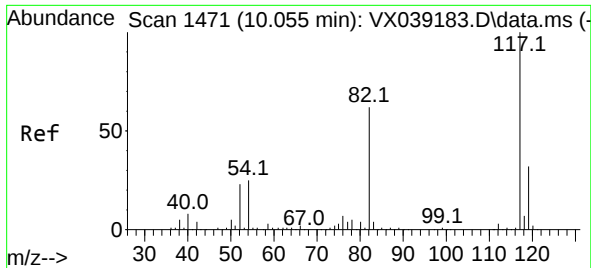


#62
4-Bromofluorobenzene
Concen: 47.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion: 95 Resp: 127118
Ion Ratio Lower Upper
95 100
174 62.6 0.0 135.6
176 61.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

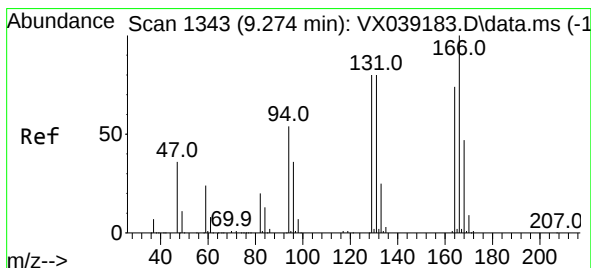
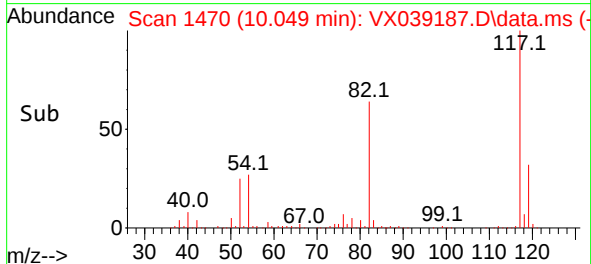
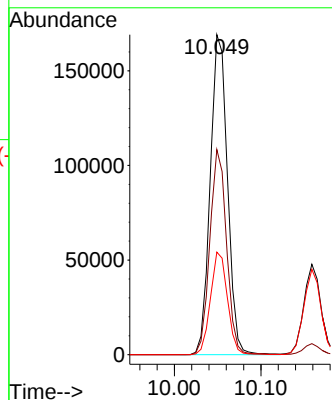
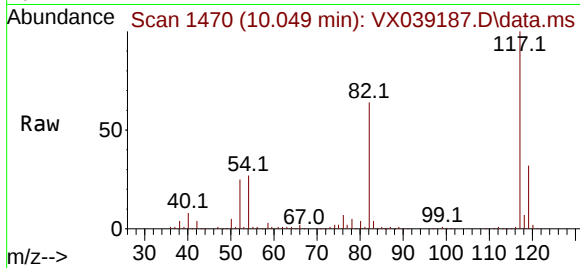
ICVX121323

Tgt Ion:117 Resp: 233470
Ion Ratio Lower Upper
117 100
82 64.1 46.2 69.4
119 32.1 25.5 38.3

Manual Integrations

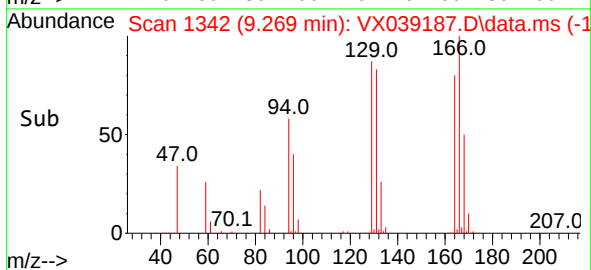
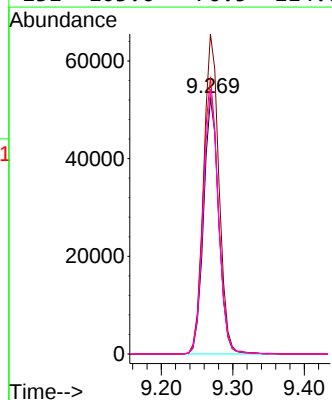
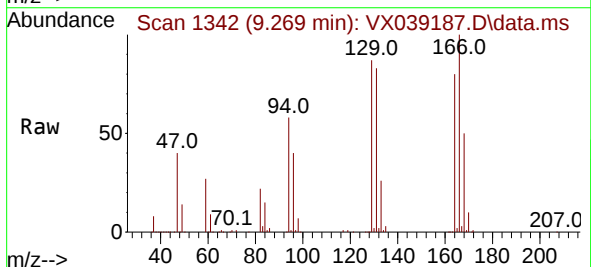
APPROVED

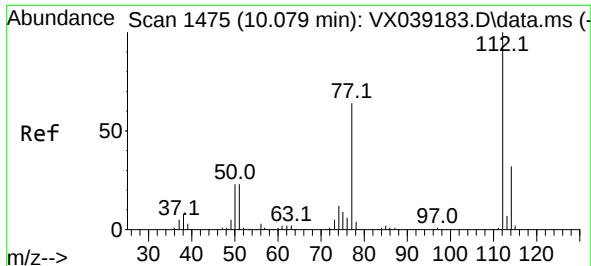
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 50.195 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

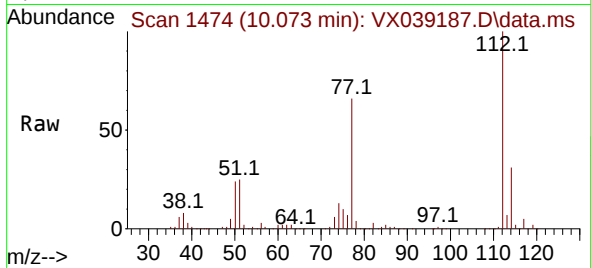
Tgt Ion:164 Resp: 76582
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 108.4 80.4 120.6
131 103.6 76.5 114.7





#65
Chlorobenzene
Concen: 49.987 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

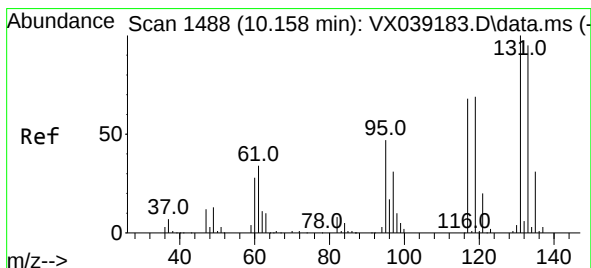
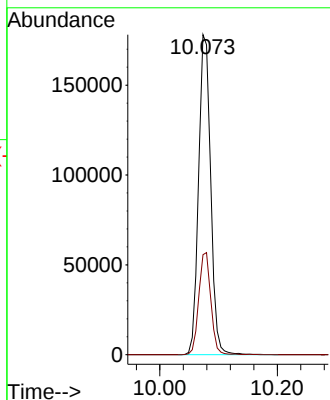
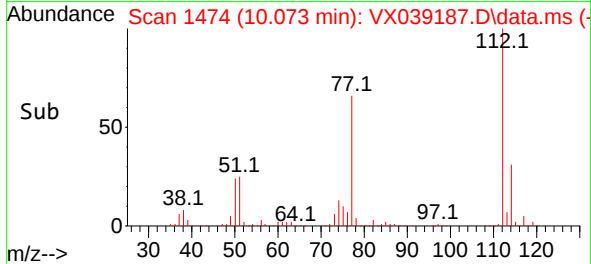
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



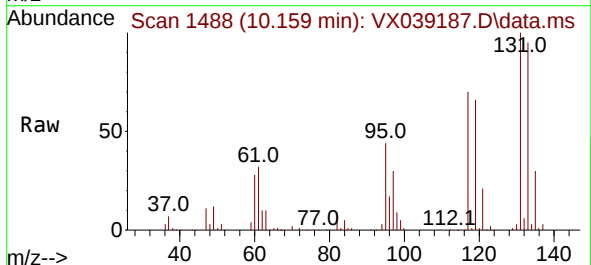
Tgt Ion:112 Resp: 254738
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
APPROVED

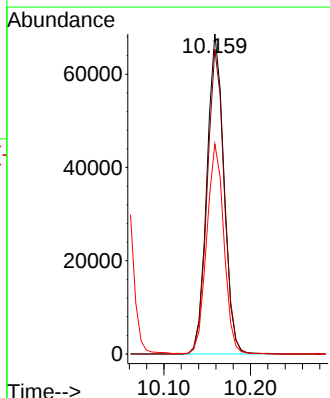
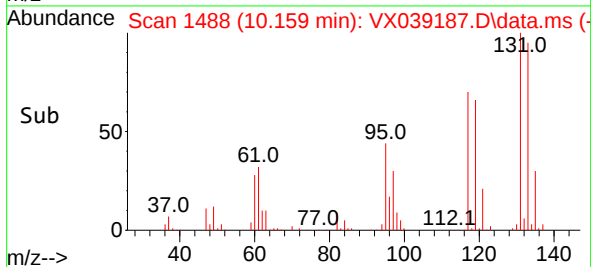
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

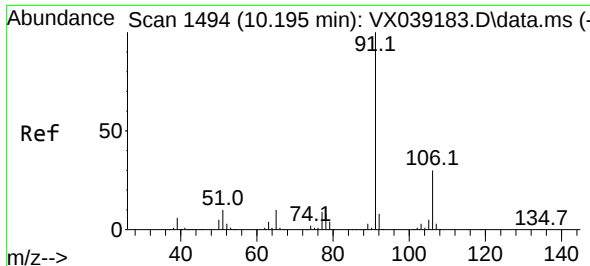


#66
1,1,1,2-Tetrachloroethane
Concen: 52.072 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion:131 Resp: 93733
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 66.2 32.2 96.6





#67

Ethyl Benzene

Concen: 51.697 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121323

Tgt Ion: 91 Resp: 490400

Ion Ratio Lower Upper

91 100

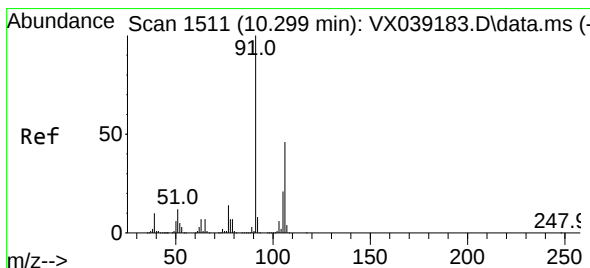
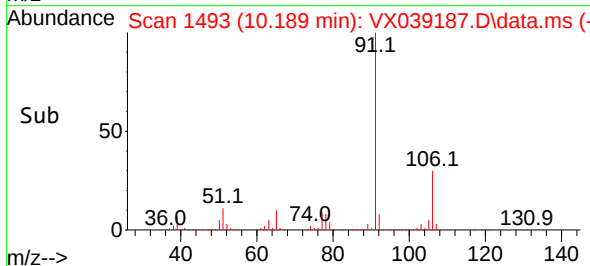
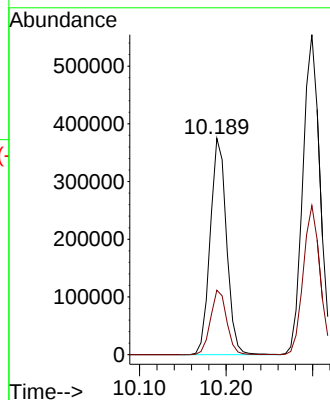
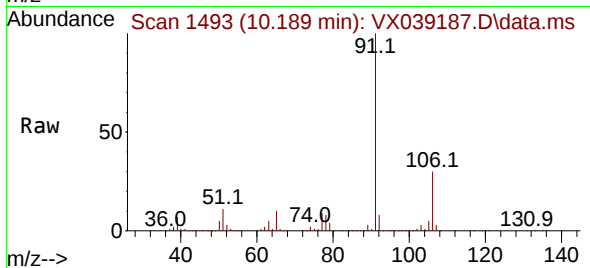
106 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#68

m/p-Xylenes

Concen: 103.055 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039187.D

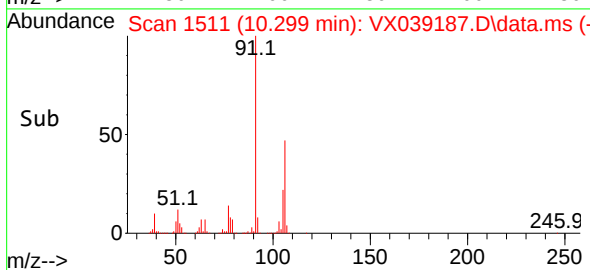
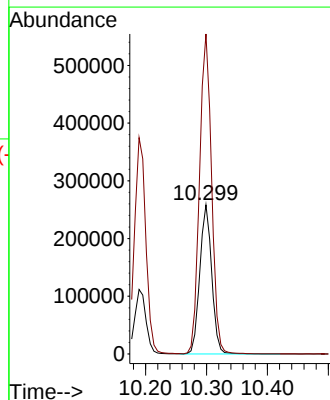
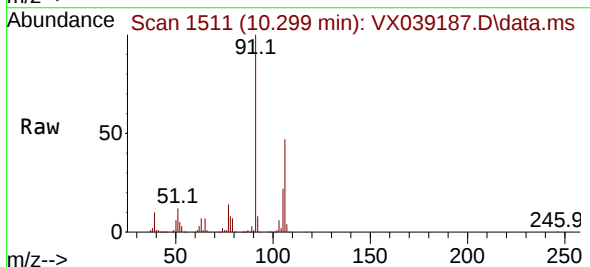
Acq: 13 Dec 2023 14:13

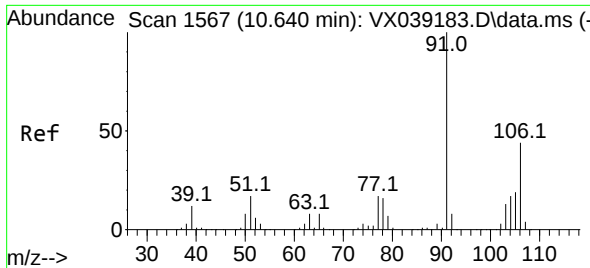
Tgt Ion:106 Resp: 350508

Ion Ratio Lower Upper

106 100

91 217.3 165.5 248.3





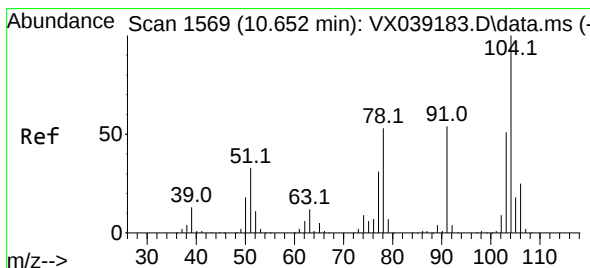
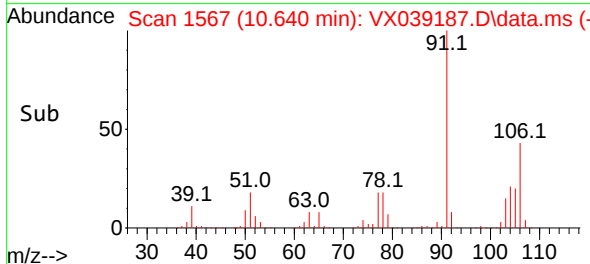
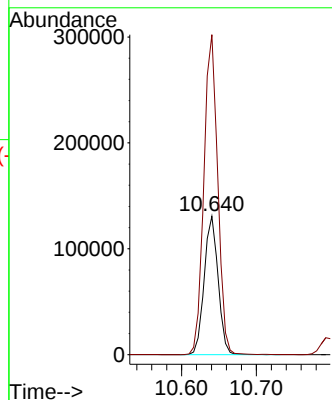
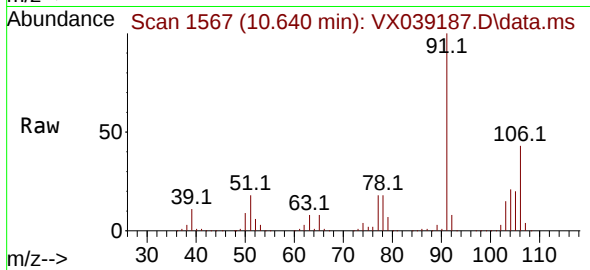
#69
o-Xylene
Concen: 51.315 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX121323

Tgt Ion:106 Resp: 168748
Ion Ratio Lower Upper
106 100
91 230.8 108.9 326.8

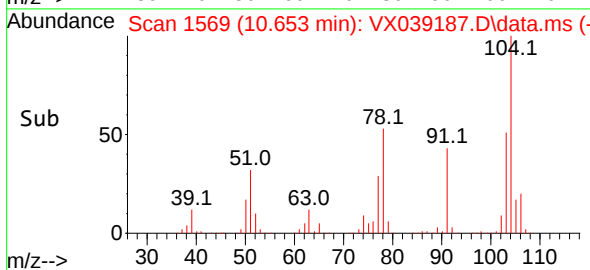
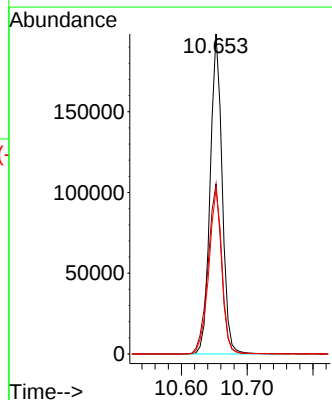
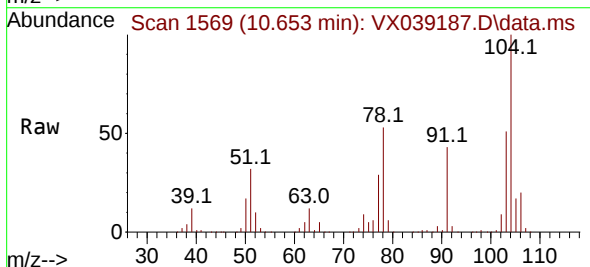
Manual Integrations
APPROVED

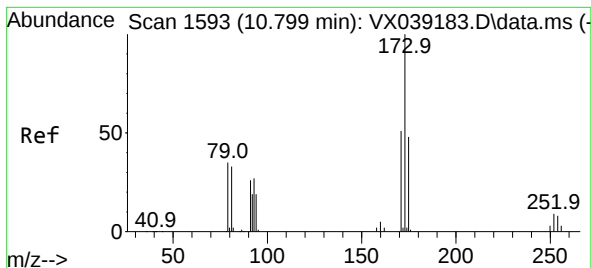
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 52.268 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion:104 Resp: 251277
Ion Ratio Lower Upper
104 100
78 59.9 43.6 65.4
103 56.9 43.6 65.4





#71

Bromoform

Concen: 54.357 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion:173 Resp: 72730

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

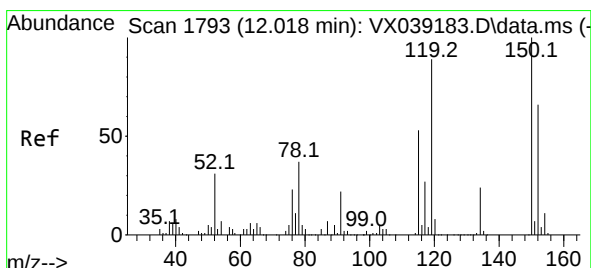
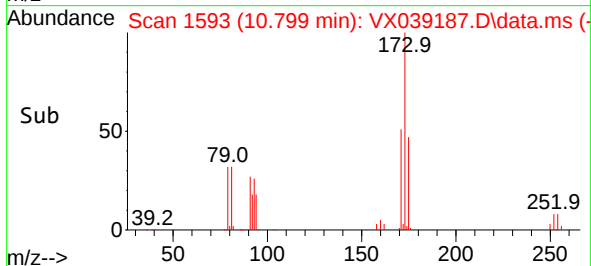
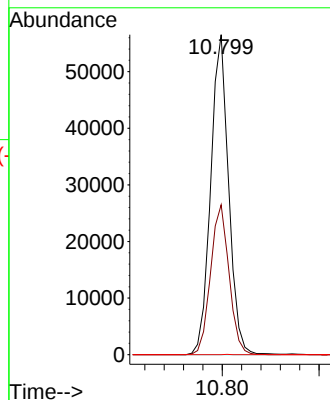
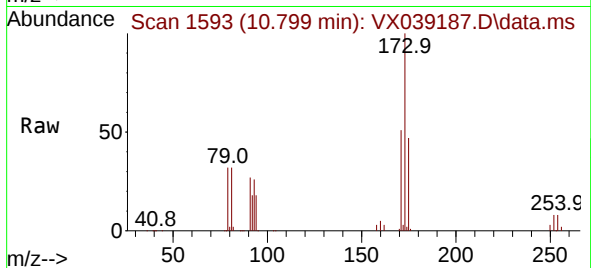
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

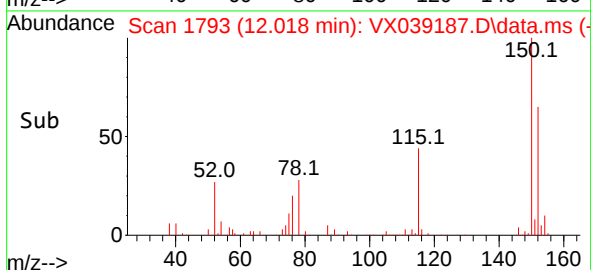
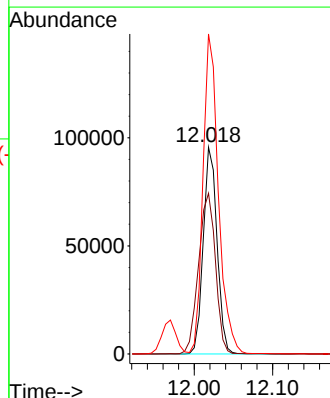
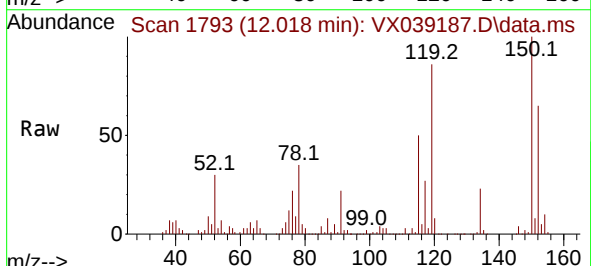
Tgt Ion:152 Resp: 116815

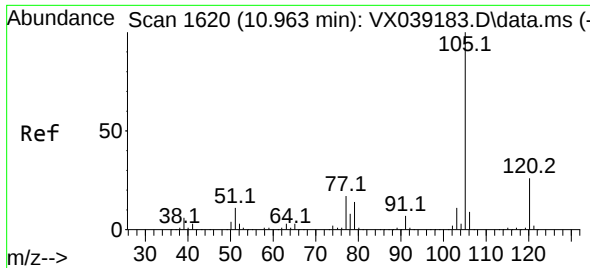
Ion Ratio Lower Upper

152 100

115 95.7 43.3 129.9

150 172.8 0.0 345.0





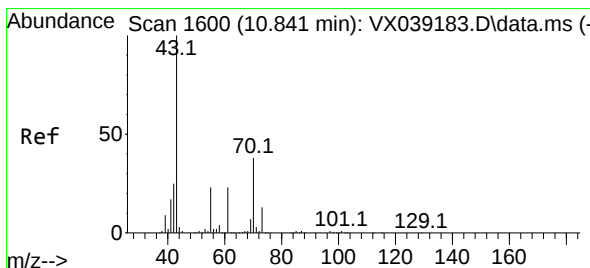
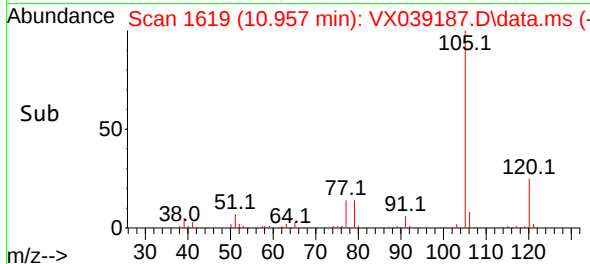
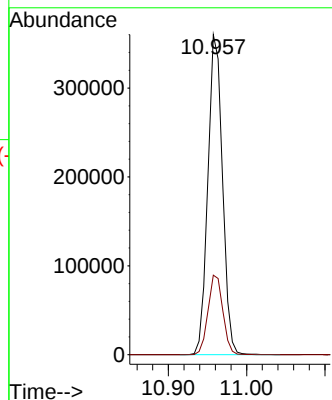
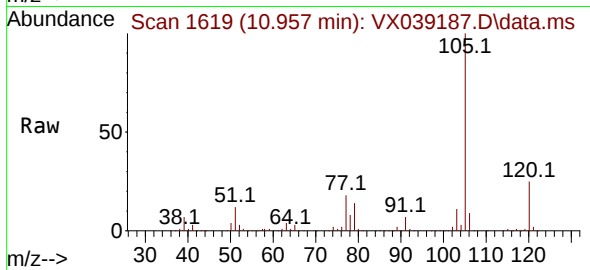
#73
Isopropylbenzene
Concen: 51.579 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX121323

Tgt Ion:105 Resp: 464860
Ion Ratio Lower Upper
105 100
120 25.2 12.9 38.6

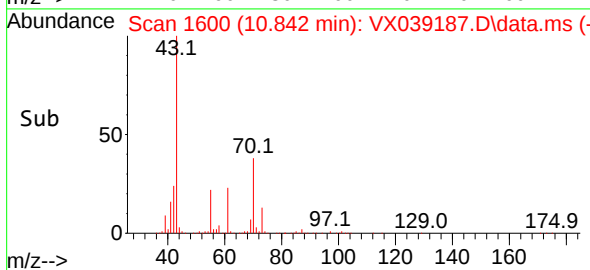
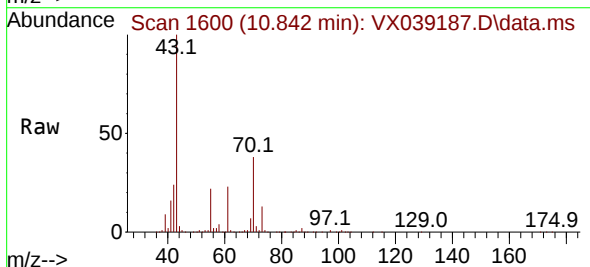
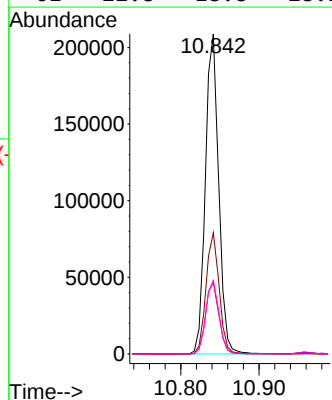
Manual Integrations
APPROVED

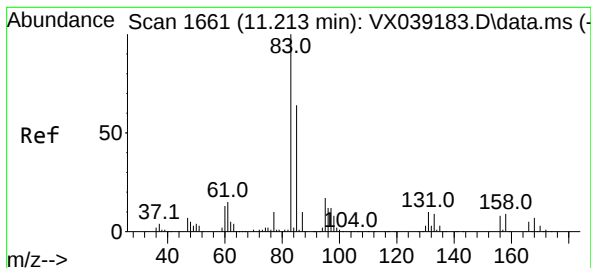
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#74
N-ethyl acetate
Concen: 53.834 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Tgt Ion: 43 Resp: 245485
Ion Ratio Lower Upper
43 100
70 37.6 32.9 49.3
55 22.6 19.3 28.9
61 22.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.353 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion: 83 Resp: 168824

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

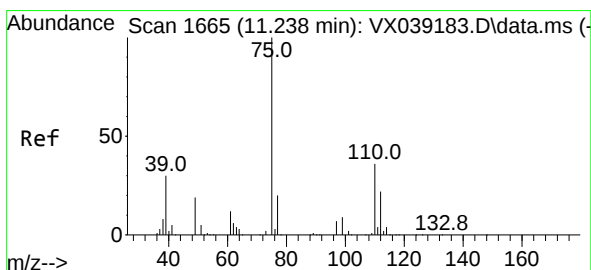
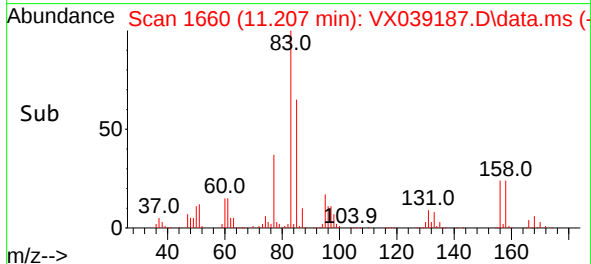
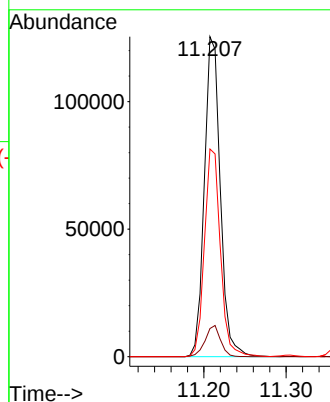
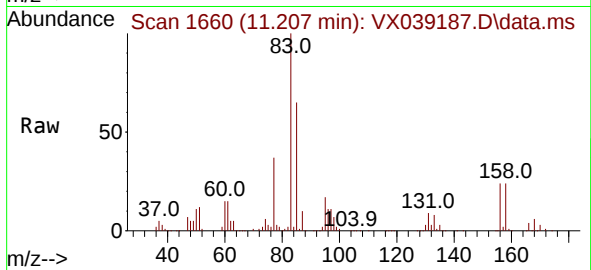
85 65.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#76

1,2,3-Trichloropropane

Concen: 50.512 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039187.D

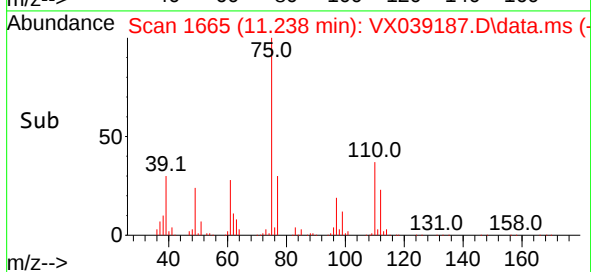
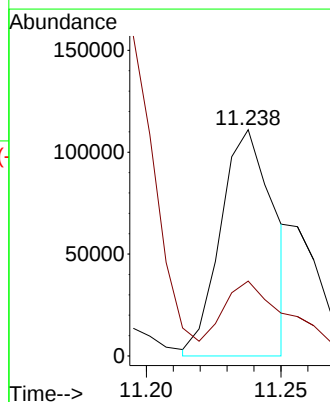
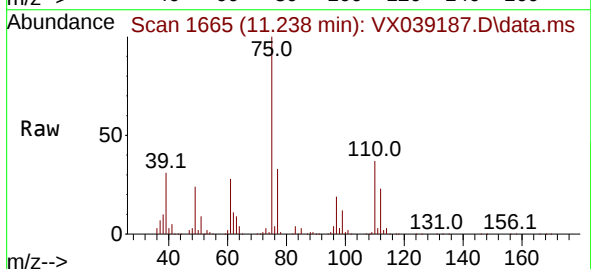
Acq: 13 Dec 2023 14:13

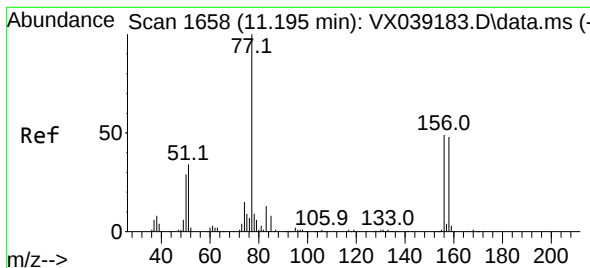
Tgt Ion: 75 Resp: 152657

Ion Ratio Lower Upper

75 100

77 42.3 19.1 57.5





#77

Bromobenzene

Concen: 50.769 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

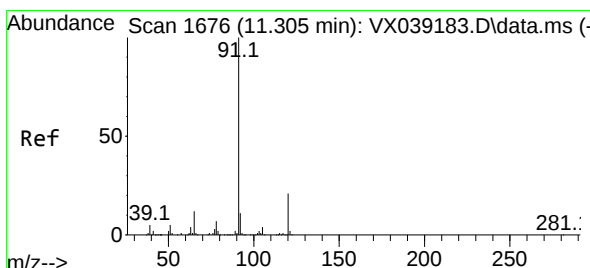
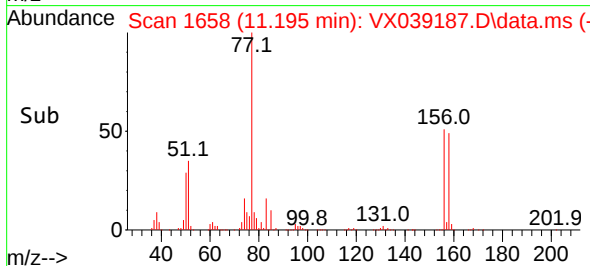
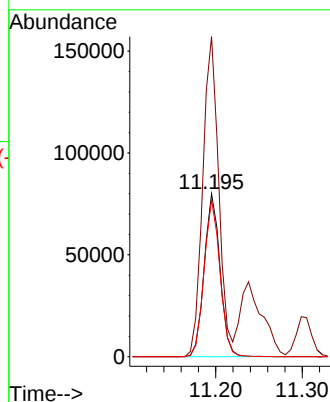
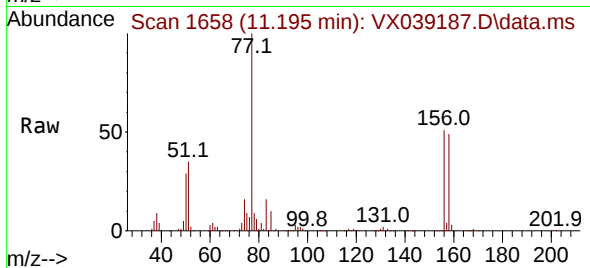
Tgt Ion:	156	Resp:	10118
Ion Ratio	Lower	Upper	
156	100		
77	198.6	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 51.820 ug/l

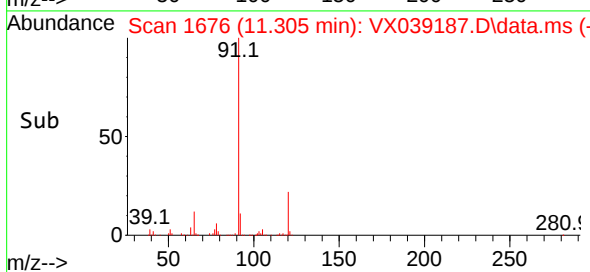
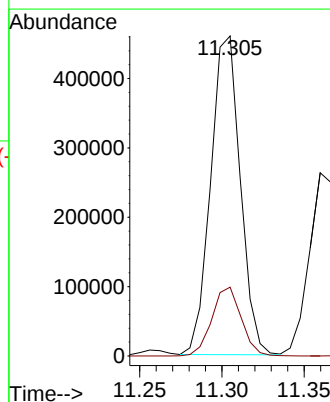
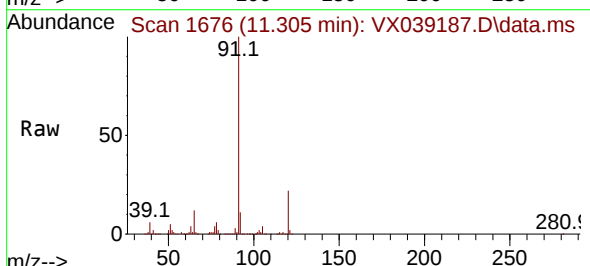
RT: 11.305 min Scan# 1676

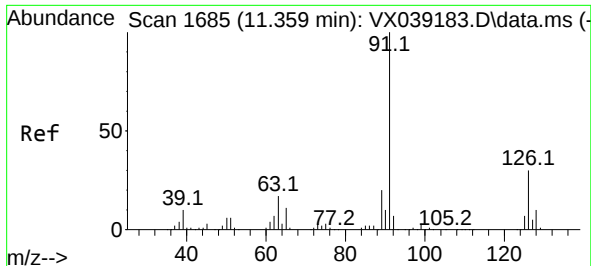
Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Tgt Ion:	91	Resp:	575439
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





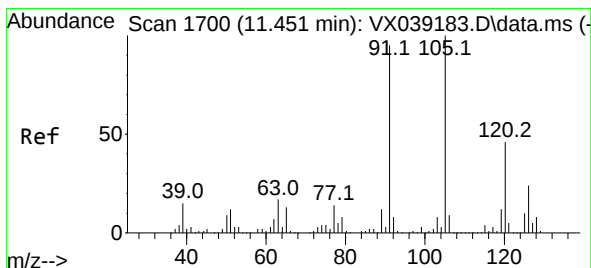
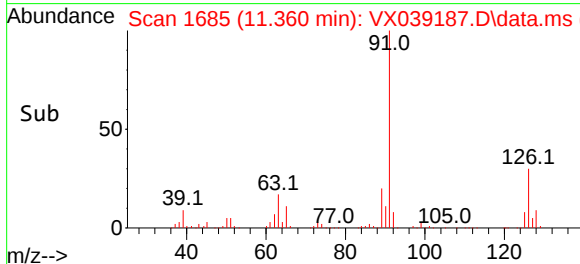
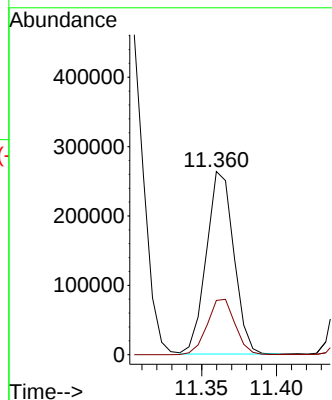
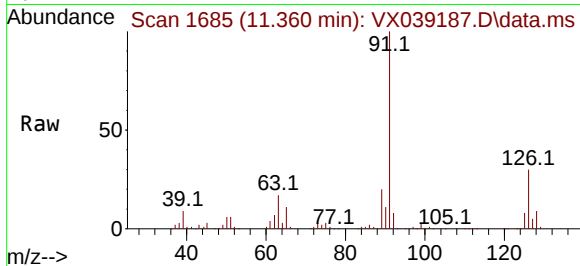
#79
2-Chlorotoluene
Concen: 50.114 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
ICVX121323

Tgt Ion: 91 Resp: 33660
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8

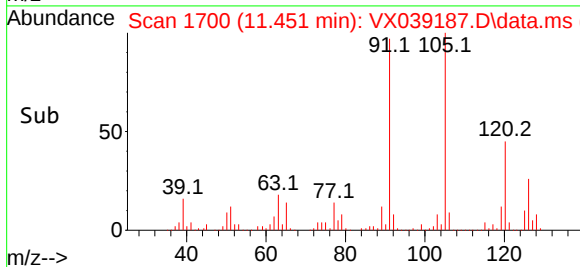
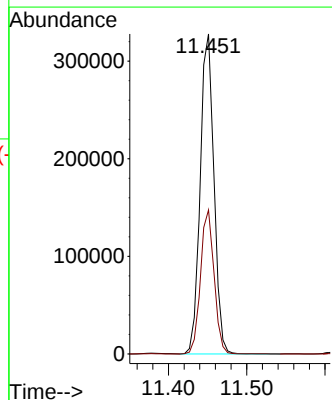
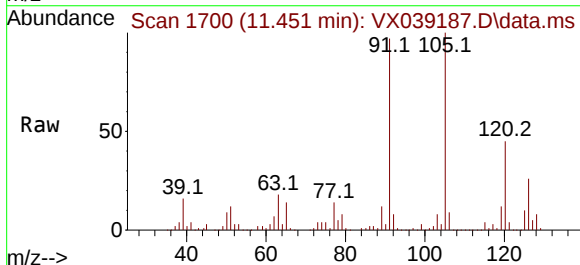
Manual Integrations
APPROVED

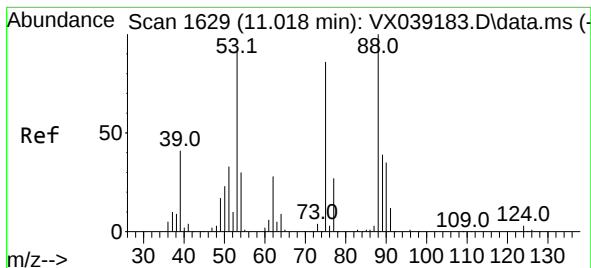
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.185 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

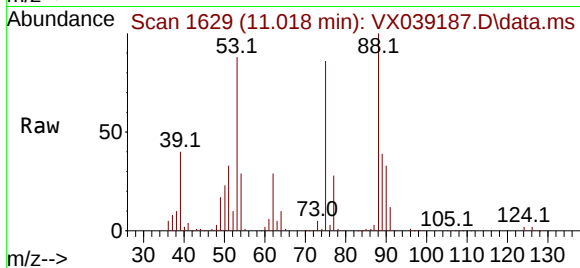
Tgt Ion:105 Resp: 400672
Ion Ratio Lower Upper
105 100
120 44.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.082 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

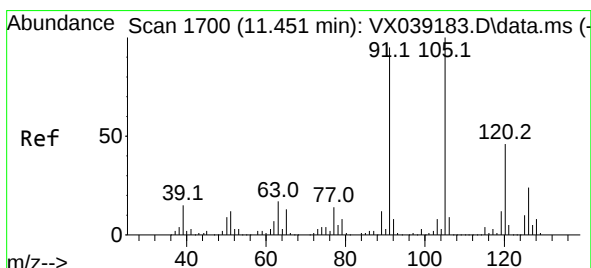
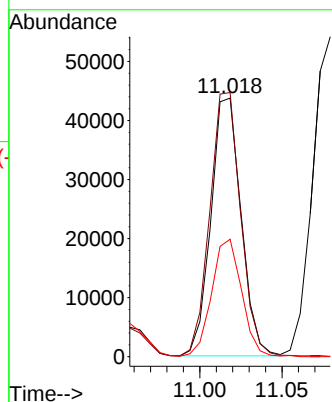
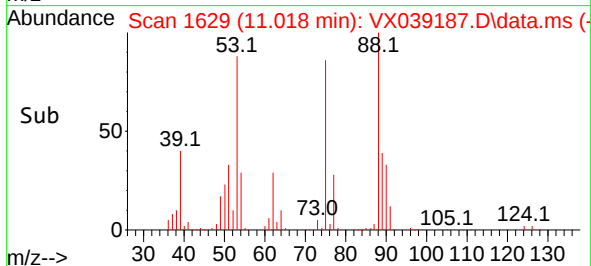
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



Tgt Ion: 75 Resp: 5579
Ion Ratio Lower Upper
75 100
53 104.6 90.5 135.7
89 45.3 36.9 55.3

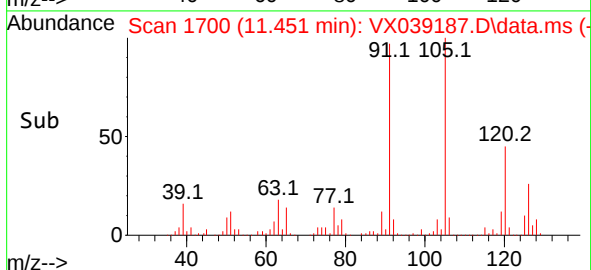
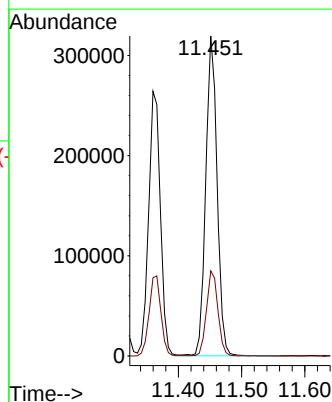
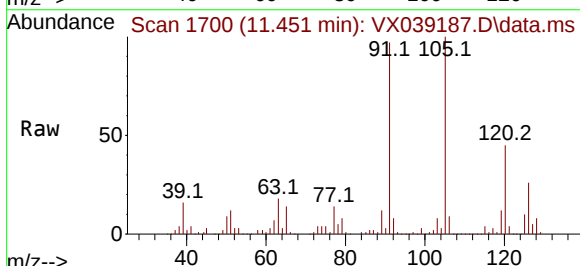
Manual Integrations
APPROVED

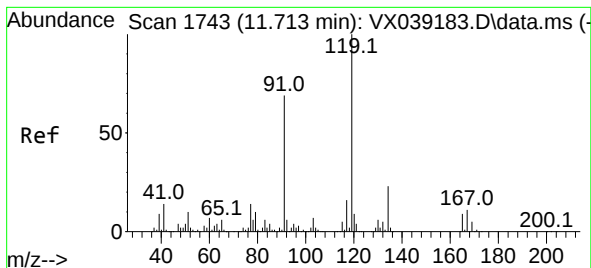
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 50.615 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

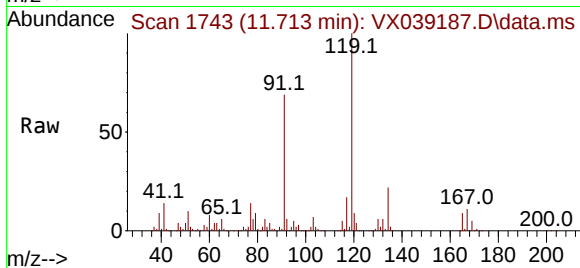
Tgt Ion: 91 Resp: 399310
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.620 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

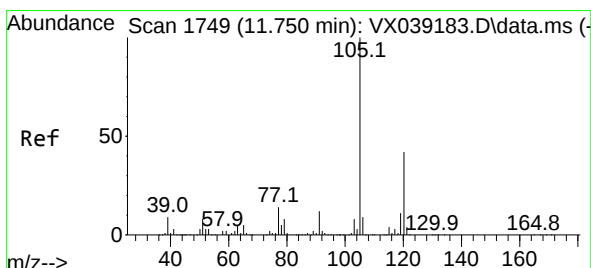
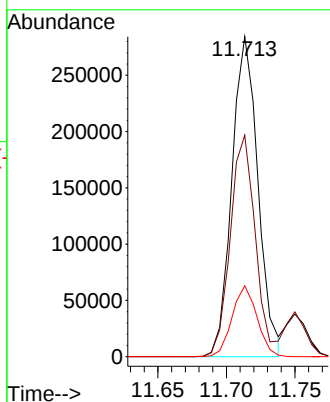
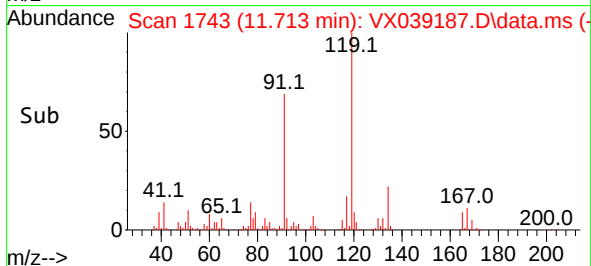
Instrument :
MSVOA_X
ClientSampleId :
ICVWX121323



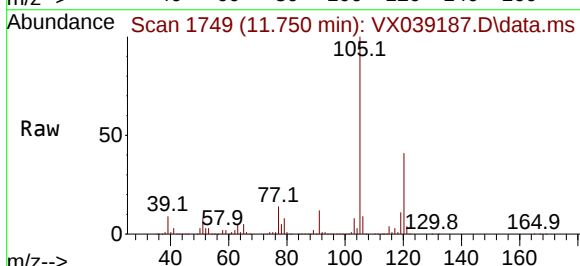
Tgt Ion:119 Resp: 377190
Ion Ratio Lower Upper
119 100
91 66.7 31.2 93.6
134 21.2 11.7 35.0

Manual Integrations
APPROVED

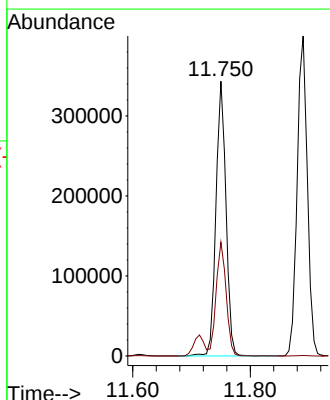
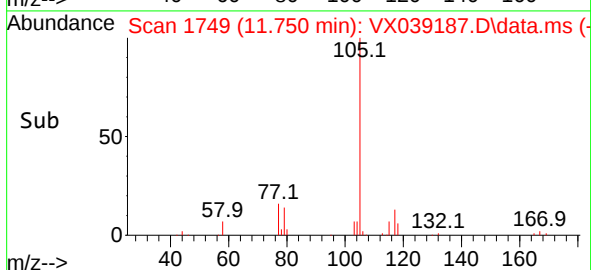
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

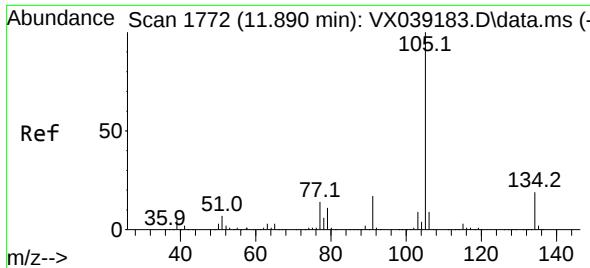


#84
1,2,4-Trimethylbenzene
Concen: 51.496 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion:105 Resp: 405460
Ion Ratio Lower Upper
105 100
120 41.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.853 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

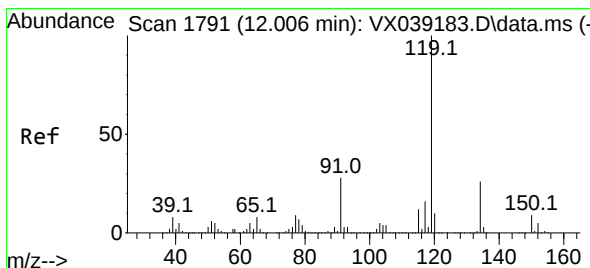
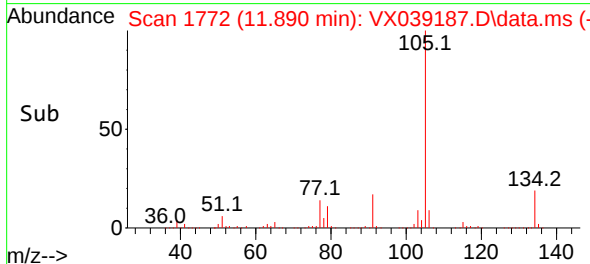
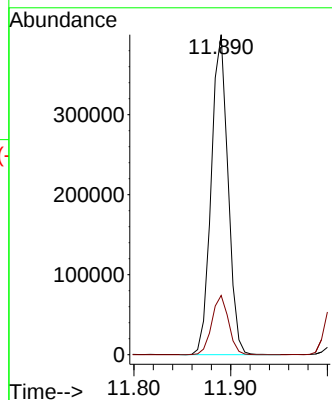
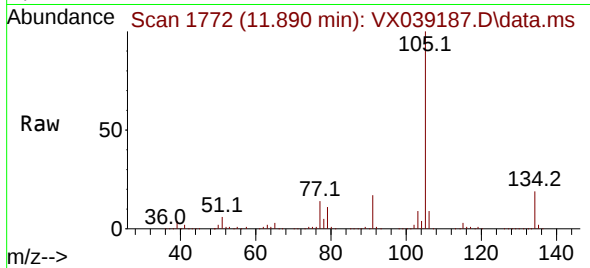
ICVX121323

Tgt Ion:105 Resp: 482139
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

Manual Integrations

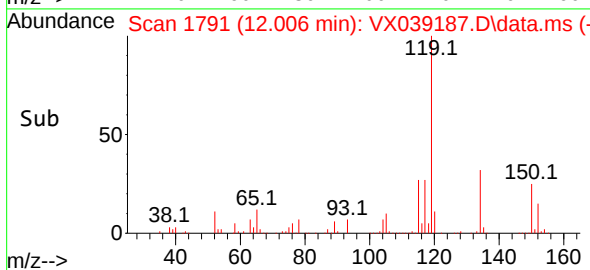
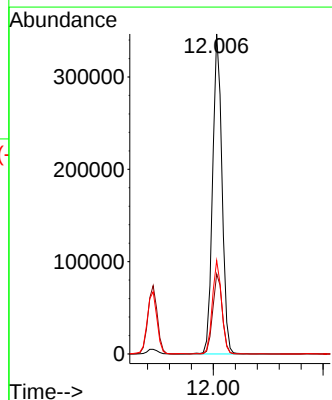
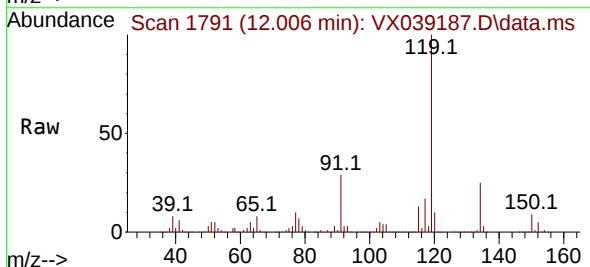
APPROVED

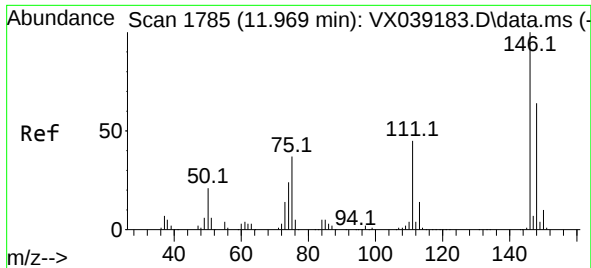
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 52.313 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039187.D
 Acq: 13 Dec 2023 14:13

Tgt Ion:119 Resp: 408215
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.686 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

Tgt Ion:146 Resp: 19846

Ion Ratio Lower Upper

146 100

111 46.4 22.1 66.1

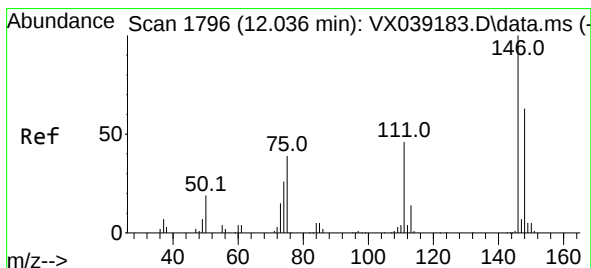
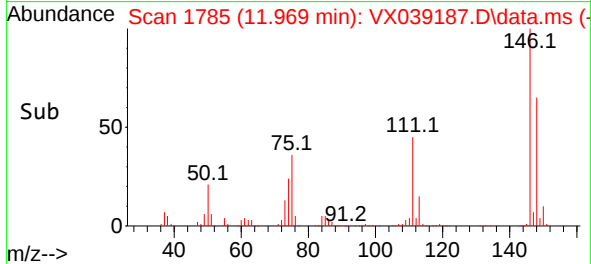
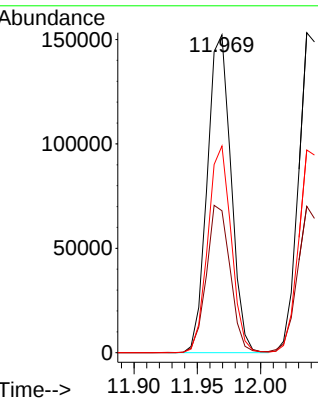
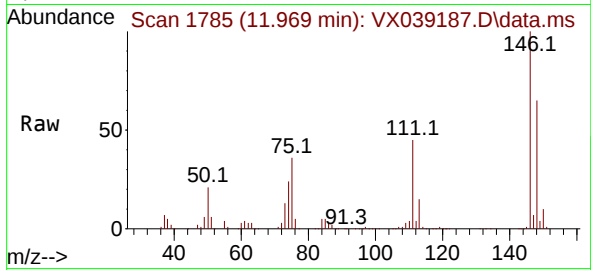
148 63.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 48.672 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

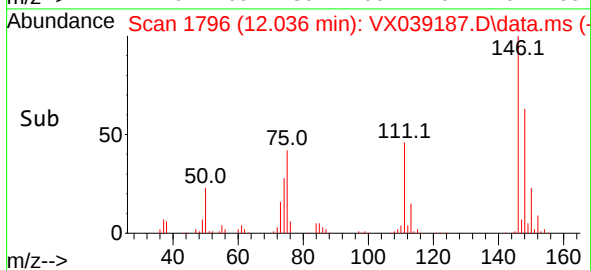
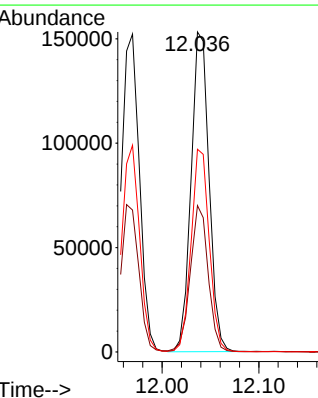
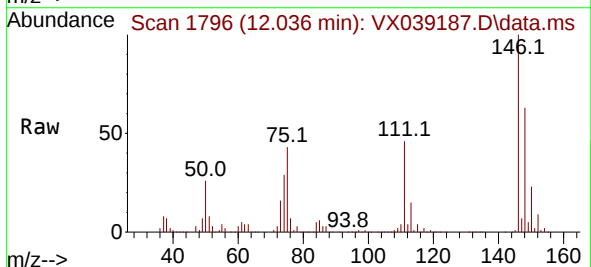
Tgt Ion:146 Resp: 198429

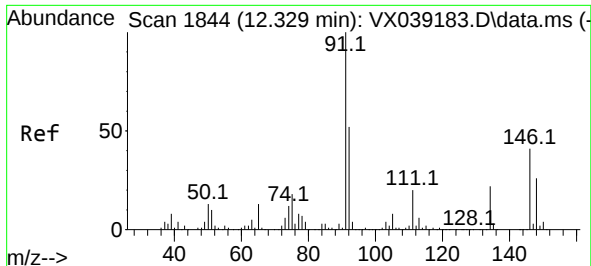
Ion Ratio Lower Upper

146 100

111 45.6 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 54.119 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVVX121323

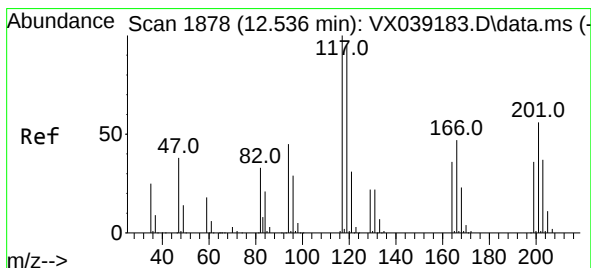
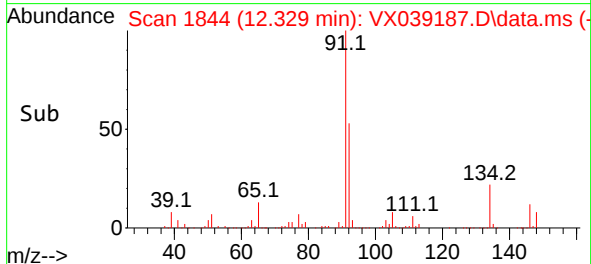
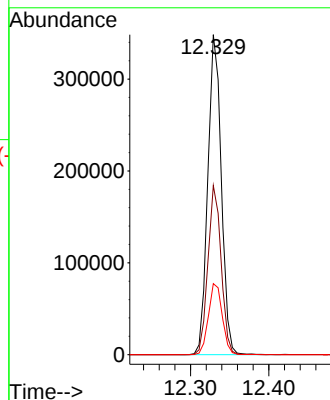
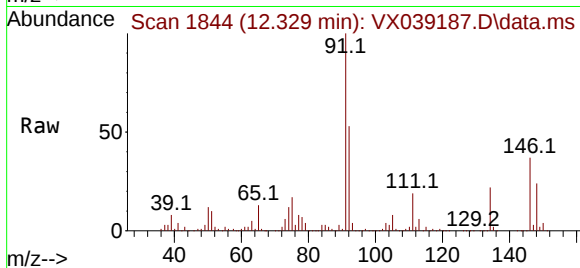
Tgt Ion: 91 Resp: 415145
 Ion Ratio Lower Upper
 91 100
 92 51.8 27.4 82.0
 134 22.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 54.172 ug/l

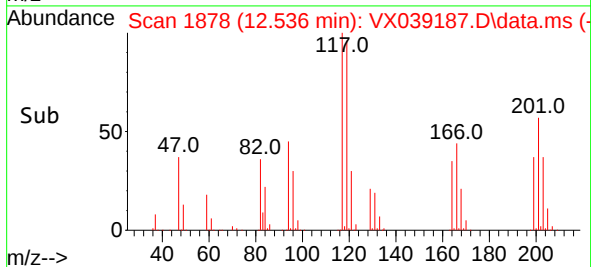
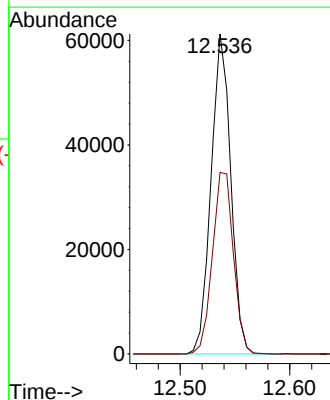
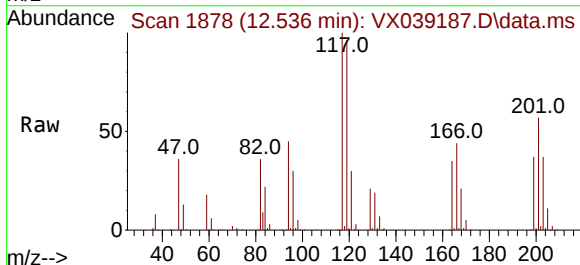
RT: 12.536 min Scan# 1878

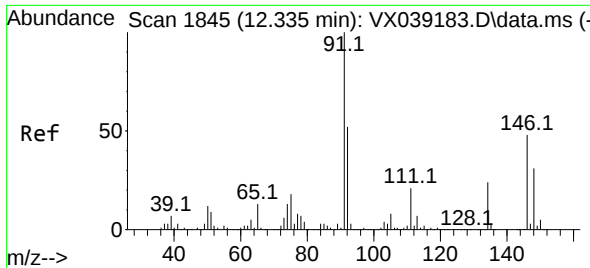
Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

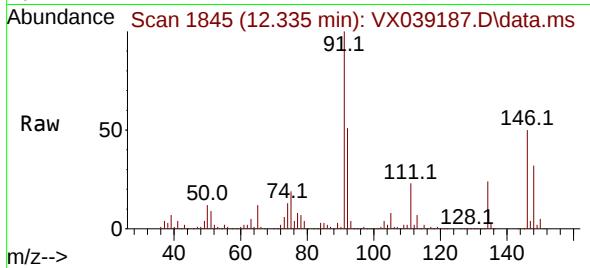
Tgt Ion:117 Resp: 76360
 Ion Ratio Lower Upper
 117 100
 201 60.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.733 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

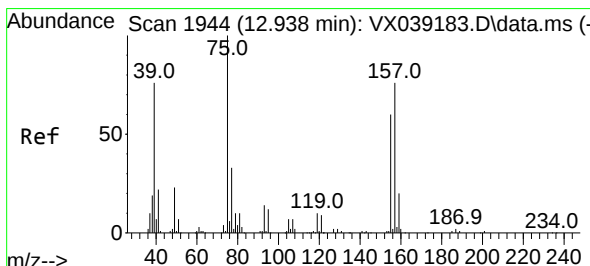
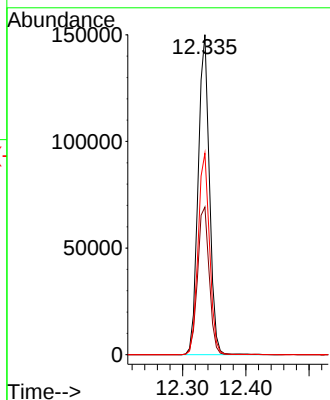
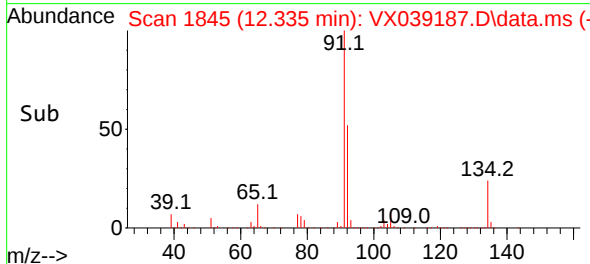
Instrument :
MSVOA_X
ClientSampleId :
ICVX121323



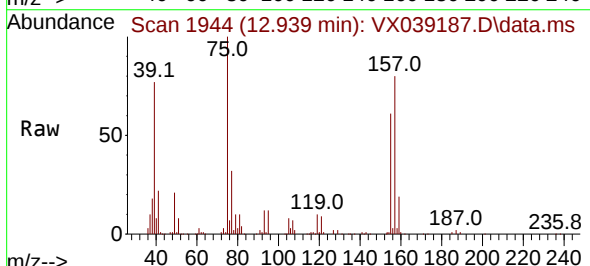
Tgt Ion:146 Resp: 186319
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

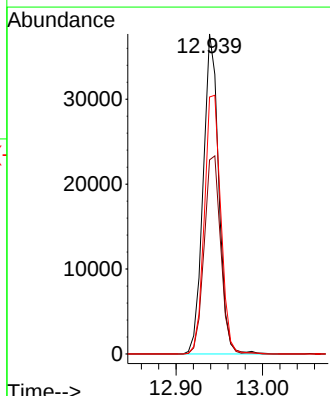
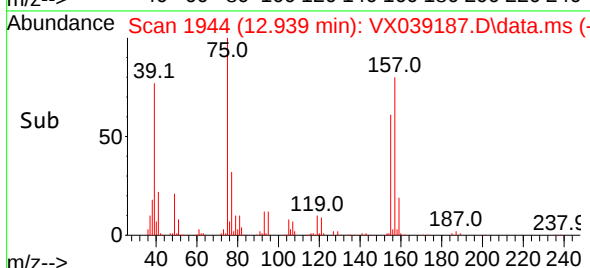
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

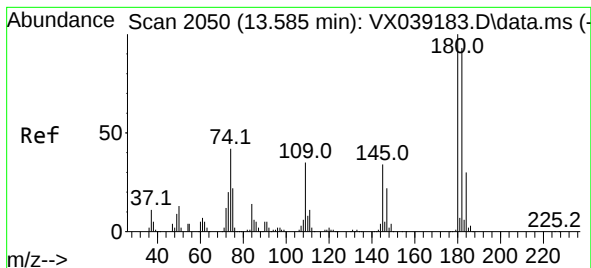


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.416 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion: 75 Resp: 47172
Ion Ratio Lower Upper
75 100
155 65.5 36.1 108.5
157 85.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.998 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

ICVX121323

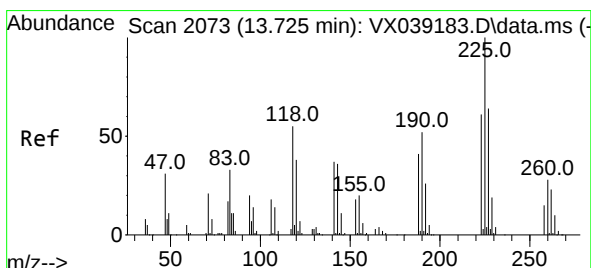
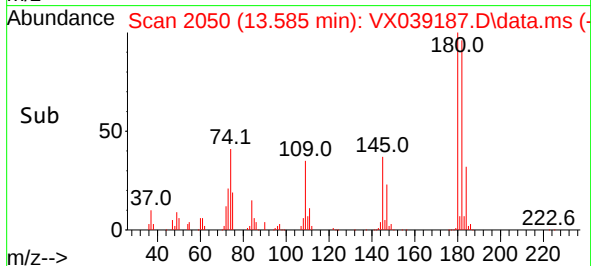
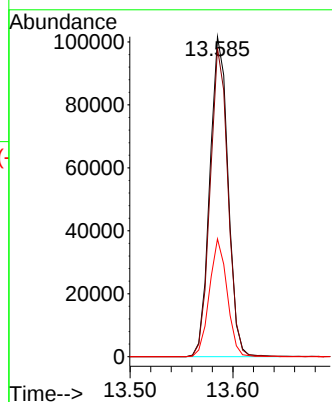
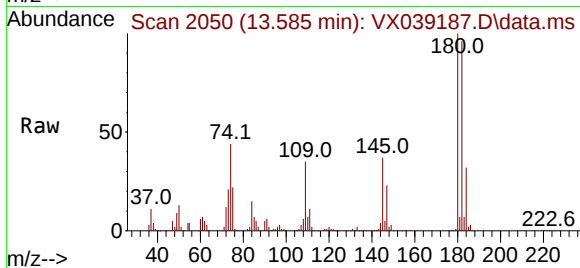
Tgt Ion:	180	Resp:	12510
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.3	144.8
145	35.8	18.0	54.0

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 51.991 ug/l

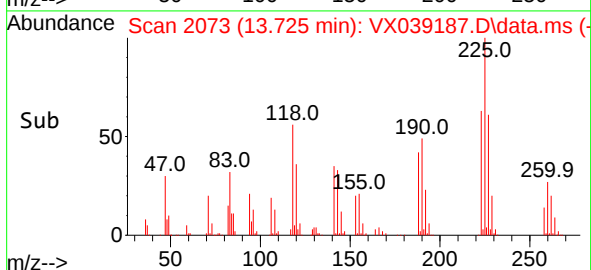
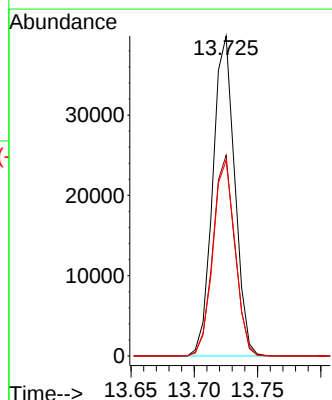
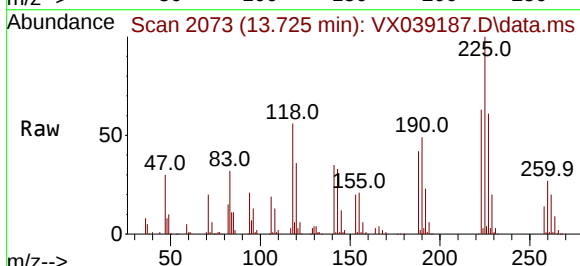
RT: 13.725 min Scan# 2073

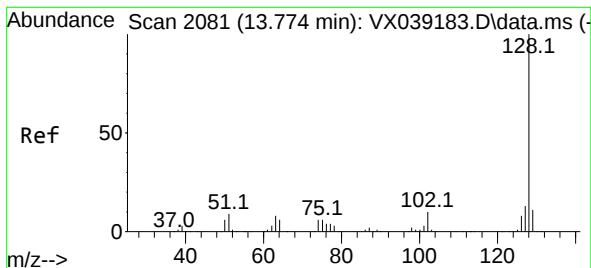
Delta R.T. 0.000 min

Lab File: VX039187.D

Acq: 13 Dec 2023 14:13

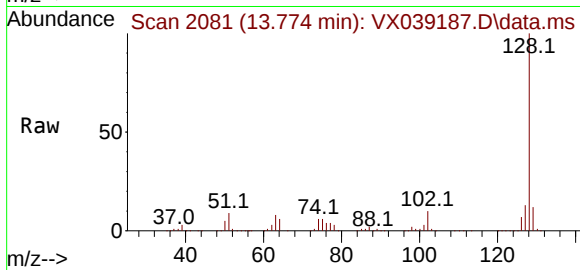
Tgt Ion:	225	Resp:	48065
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.1	93.2
227	61.6	32.5	97.5





#95
Naphthalene
Concen: 52.231 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13

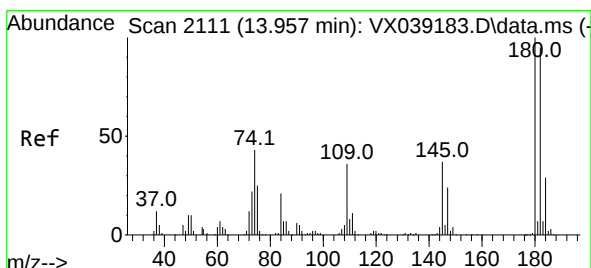
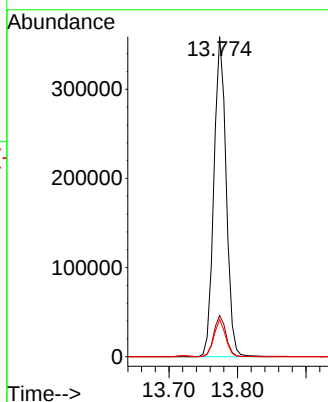
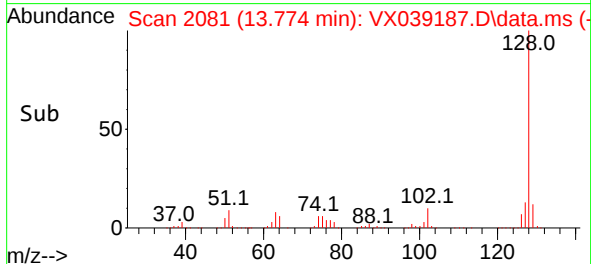
Instrument :
MSVOA_X
ClientSampleId :
ICVVX121323



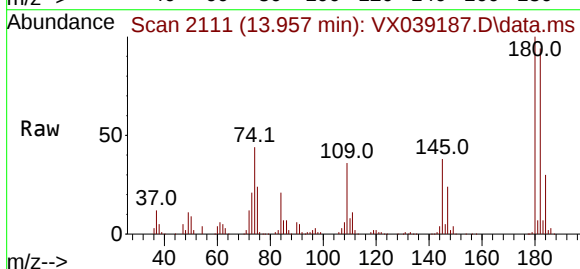
Tgt Ion:128 Resp: 446227
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.177 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039187.D
Acq: 13 Dec 2023 14:13



Tgt Ion:180 Resp: 118829
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 37.5 17.8 53.5

