

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045127.D
 Acq On : 05 Mar 2025 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 00:58:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	190470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83482	46.738	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.480%		
35) Dibromofluoromethane	5.373	113	65550	51.467	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.940%		
50) Toluene-d8	8.641	98	234119	50.704	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.400%		
62) 4-Bromofluorobenzene	11.079	95	78409	51.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68622	48.548	ug/l	91
3) Chloromethane	1.307	50	75368	43.571	ug/l	97
4) Vinyl Chloride	1.374	62	77400	45.105	ug/l	98
5) Bromomethane	1.593	94	30416	45.089	ug/l	98
6) Chloroethane	1.660	64	32683	41.292	ug/l	95
7) Trichlorofluoromethane	1.867	101	105280	46.345	ug/l	98
8) Diethyl Ether	2.136	74	39098	44.003	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	65196	49.955	ug/l	99
10) Methyl Iodide	2.441	142	78420	48.082	ug/l	98
11) Tert butyl alcohol	2.995	59	60479	178.760	ug/l	100
12) 1,1-Dichloroethene	2.306	96	62054	44.972	ug/l	99
13) Acrolein	2.233	56	93541	239.177	ug/l	98
14) Allyl chloride	2.654	41	116846	47.573	ug/l	98
15) Acrylonitrile	3.062	53	196064	216.227	ug/l	99
16) Acetone	2.386	43	168809	203.698	ug/l	97
17) Carbon Disulfide	2.495	76	163042	44.364	ug/l	97
18) Methyl Acetate	2.703	43	91008	45.649	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208272	44.990	ug/l	100
20) Methylene Chloride	2.782	84	71831	43.757	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	64065	46.997	ug/l	97
22) Diisopropyl ether	3.757	45	232828	46.611	ug/l	96
23) Vinyl Acetate	3.715	43	988338	237.095	ug/l	99
24) 1,1-Dichloroethane	3.599	63	126104	45.046	ug/l	98
25) 2-Butanone	4.556	43	274151	219.773	ug/l	97
26) 2,2-Dichloropropane	4.465	77	89223	67.949	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	76838	45.662	ug/l	95
28) Bromochloromethane	4.891	49	62721	47.005	ug/l	99
29) Tetrahydrofuran	5.001	42	179664	214.470	ug/l	100
30) Chloroform	5.086	83	126092	45.331	ug/l	98
31) Cyclohexane	5.458	56	116269	47.845	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	103689	46.154	ug/l	99
36) 1,1-Dichloropropene	5.678	75	86057	49.270	ug/l	99
37) Ethyl Acetate	4.715	43	105492	46.871	ug/l	99
38) Carbon Tetrachloride	5.666	117	87042	49.086	ug/l	99
39) Methylcyclohexane	7.373	83	115913	55.384	ug/l	98
40) Benzene	6.025	78	269708	48.900	ug/l	100

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Quant Time: Mar 06 00:58:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59812	49.148	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96363	48.518	ug/l	100
43) Isopropyl Acetate	6.336	43	161345	48.480	ug/l	100
44) Trichloroethene	7.117	130	64443	49.759	ug/l	99
45) 1,2-Dichloropropane	7.421	63	67543	47.629	ug/l	97
46) Dibromomethane	7.574	93	48542	48.429	ug/l	98
47) Bromodichloromethane	7.818	83	97568	49.627	ug/l	100
48) Methyl methacrylate	7.690	41	80625	48.288	ug/l	99
49) 1,4-Dioxane	7.665	88	31601	897.247	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	523954	234.470	ug/l	99
52) Toluene	8.714	92	163330	50.472	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	88322	53.736	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	102986	53.733	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	63538	47.694	ug/l	96
56) Ethyl methacrylate	9.116	69	98764	48.771	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110247	47.819	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	263234	266.477	ug/l	100
59) 2-Hexanone	9.427	43	384958	237.763	ug/l	100
60) Dibromochloromethane	9.518	129	71321	51.202	ug/l	98
61) 1,2-Dibromoethane	9.604	107	64667	48.624	ug/l	99
64) Tetrachloroethene	9.269	164	53835	51.190	ug/l	97
65) Chlorobenzene	10.073	112	171449	49.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56543	48.866	ug/l	99
67) Ethyl Benzene	10.189	91	308282	50.920	ug/l	99
68) m/p-Xylenes	10.299	106	228130	102.932	ug/l	100
69) o-Xylene	10.640	106	111076	49.692	ug/l	99
70) Styrene	10.652	104	183603	50.763	ug/l	100
71) Bromoform	10.799	173	44654	51.176	ug/l #	99
73) Isopropylbenzene	10.957	105	289986	49.882	ug/l	100
74) N-amyl acetate	10.841	43	133706	49.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	97087	45.510	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77426m	44.663	ug/l	
77) Bromobenzene	11.195	156	65952	48.083	ug/l	99
78) n-propylbenzene	11.305	91	338544	51.552	ug/l	99
79) 2-Chlorotoluene	11.360	91	196917	47.083	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	235799	50.163	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26035	51.395	ug/l	98
82) 4-Chlorotoluene	11.451	91	223976	49.137	ug/l	100
83) tert-Butylbenzene	11.713	119	232845	48.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	236246	49.949	ug/l	100
85) sec-Butylbenzene	11.890	105	298121	51.530	ug/l	99
86) p-Isopropyltoluene	12.006	119	242004	51.761	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119022	48.641	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	118036	47.680	ug/l	99
89) n-Butylbenzene	12.329	91	222008	55.132	ug/l	100
90) Hexachloroethane	12.536	117	42059	49.734	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	121609	49.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19675	47.340	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	73807	52.807	ug/l	100
94) Hexachlorobutadiene	13.725	225	30136	52.591	ug/l	97
95) Naphthalene	13.774	128	269735	50.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75650	51.306	ug/l	100

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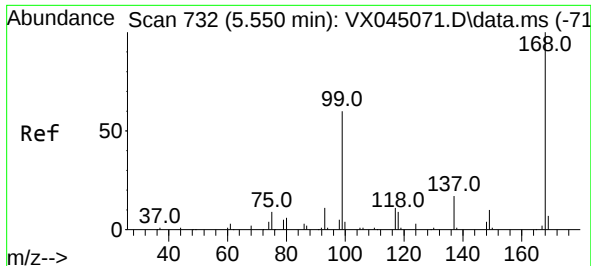
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 00:58:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

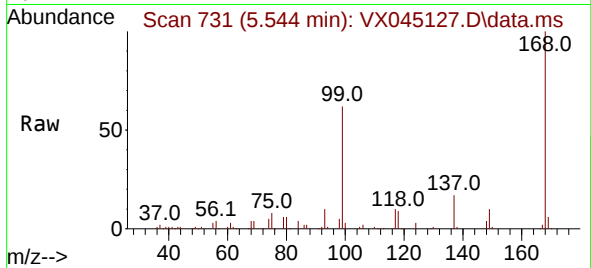
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045127.D
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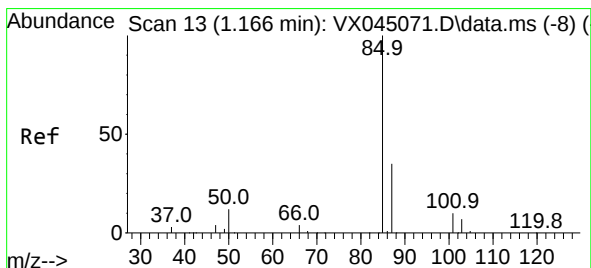
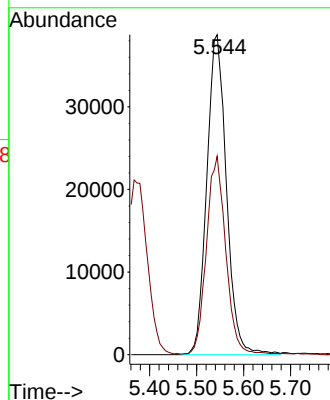
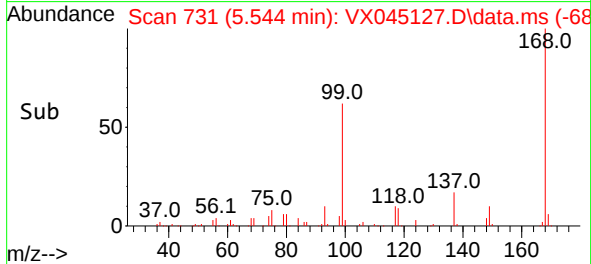
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11229
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4

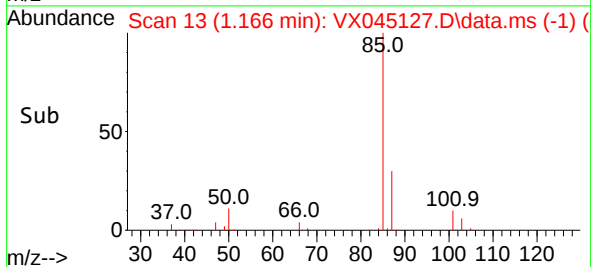
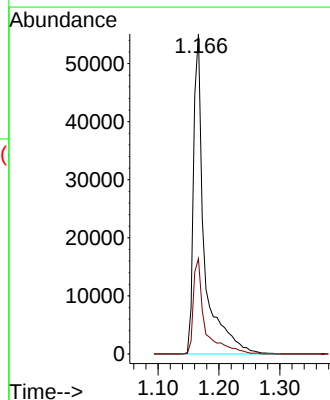
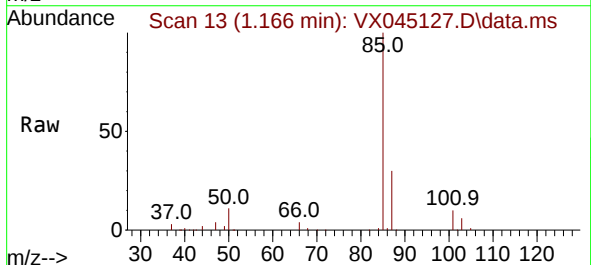
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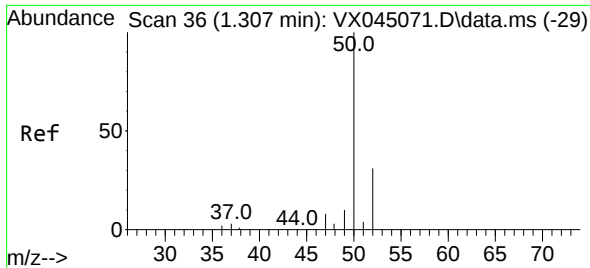
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#2
Dichlorodifluoromethane
Concen: 48.548 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 85 Resp: 68622
Ion Ratio Lower Upper
85 100
87 29.8 17.4 52.3





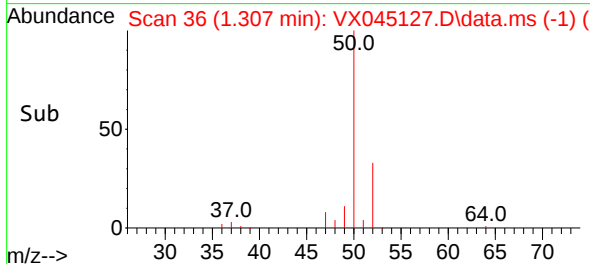
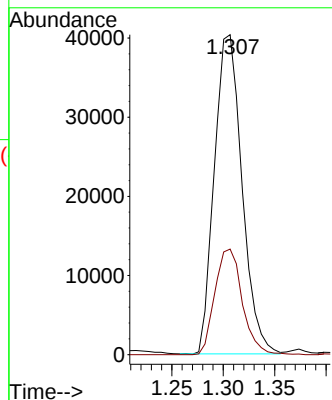
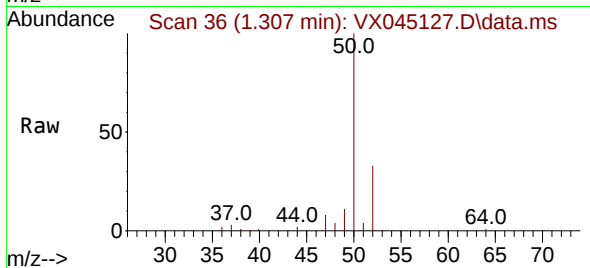
#3
Chloromethane
Concen: 43.571 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 7536
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

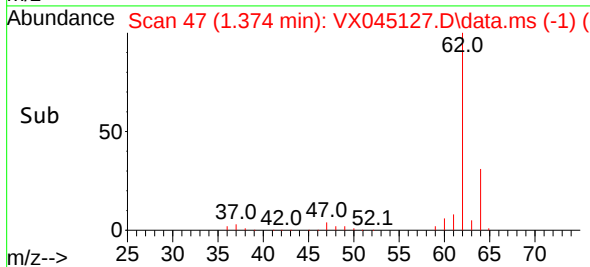
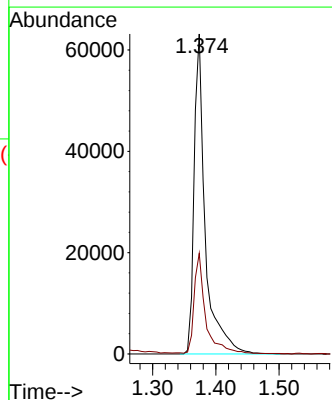
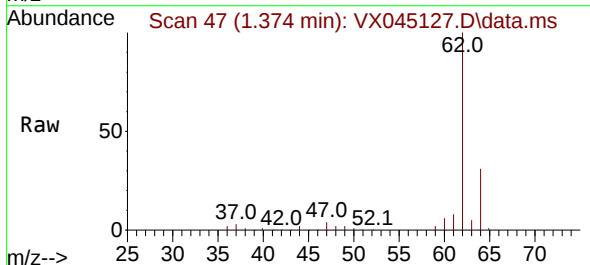
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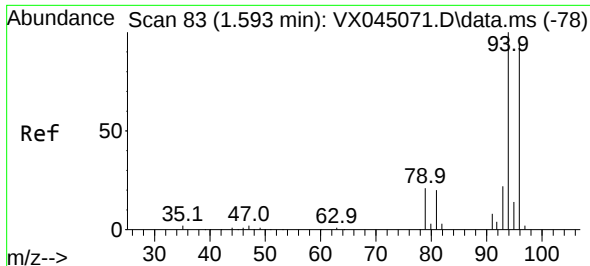
Reviewed By :John Carlone 03/06/2025
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#4
Vinyl Chloride
Concen: 45.105 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

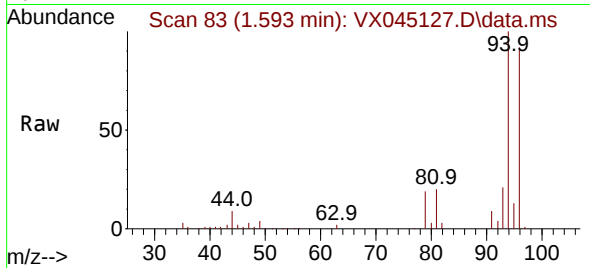
Tgt Ion: 62 Resp: 77400
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5





#5
Bromomethane
Concen: 45.089 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

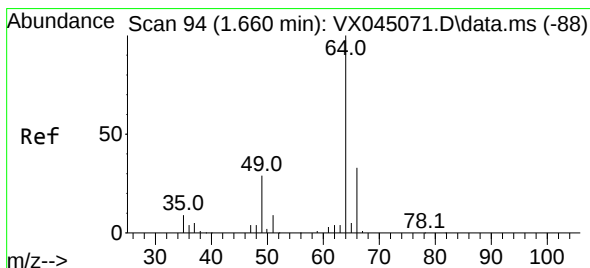
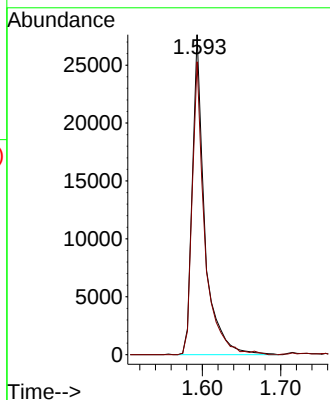
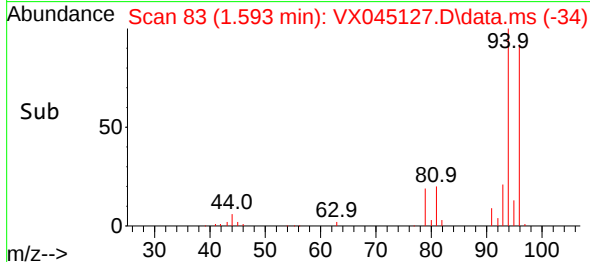
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 94 Resp: 30410
Ion Ratio Lower Upper
94 100
96 91.6 75.0 112.4

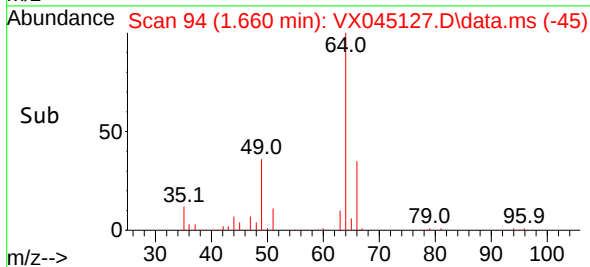
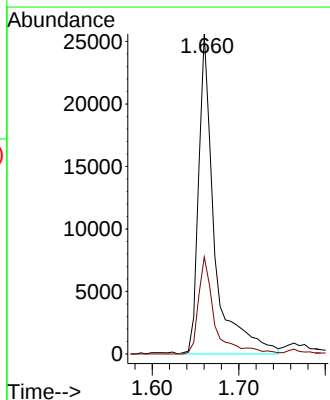
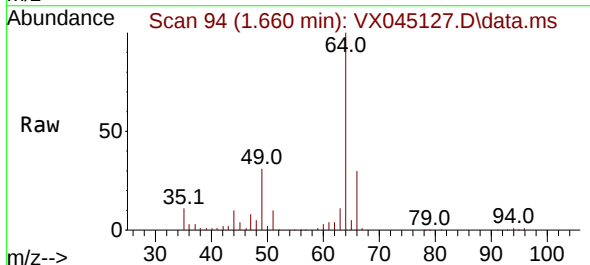
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#6
Chloroethane
Concen: 41.292 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

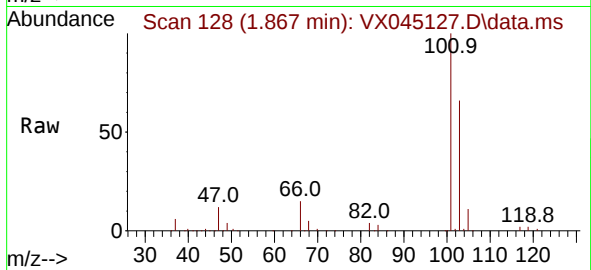
Tgt Ion: 64 Resp: 32683
Ion Ratio Lower Upper
64 100
66 30.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 46.345 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045127.D
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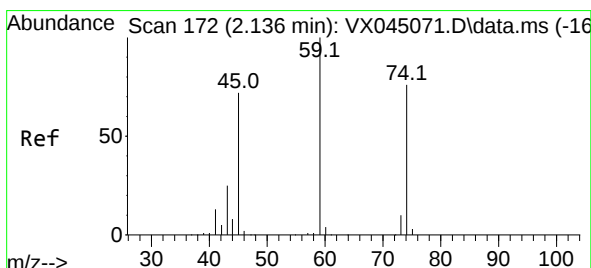
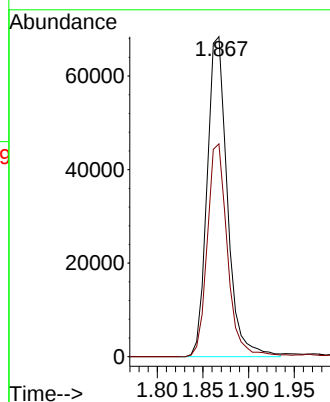
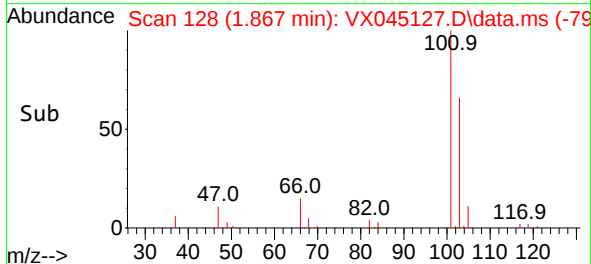
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 105280
Ion Ratio Lower Upper
101 100
103 66.5 52.1 78.1

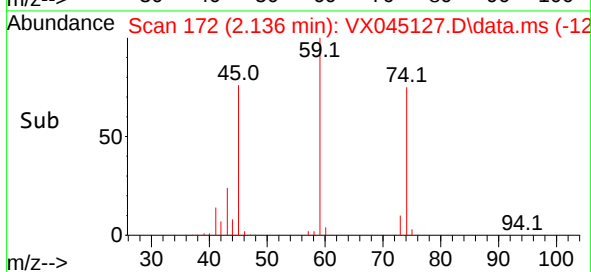
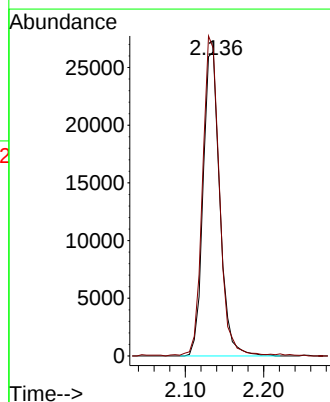
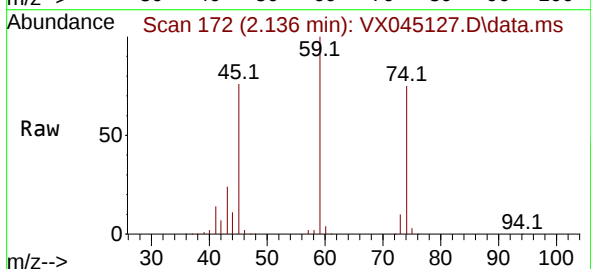
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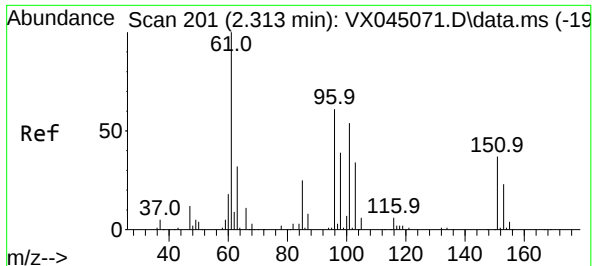
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#8
Diethyl Ether
Concen: 44.003 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 74 Resp: 39098
Ion Ratio Lower Upper
74 100
45 106.0 51.5 154.5





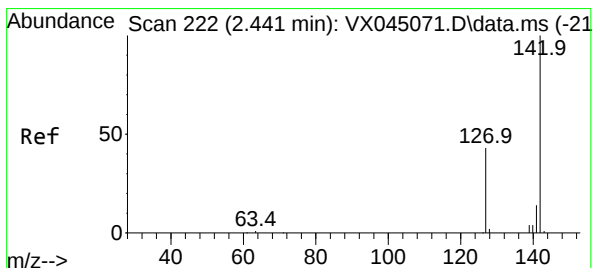
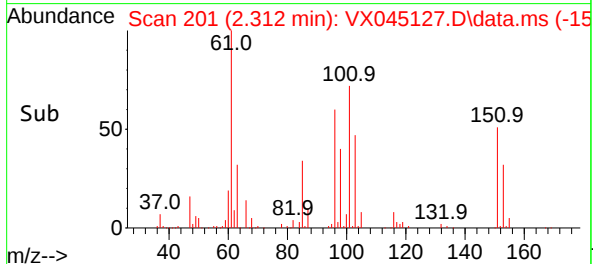
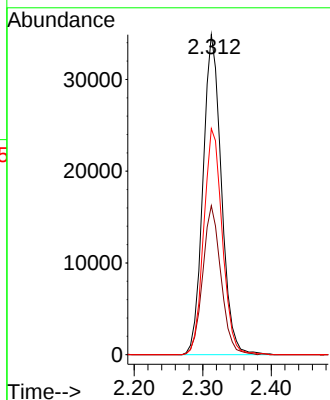
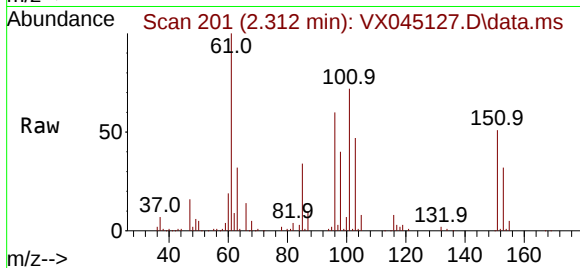
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.955 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045127.D
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Tgt Ion:101 Resp: 65190
Ion Ratio Lower Upper
101 100
85 46.1 36.2 54.4
151 71.3 56.4 84.6

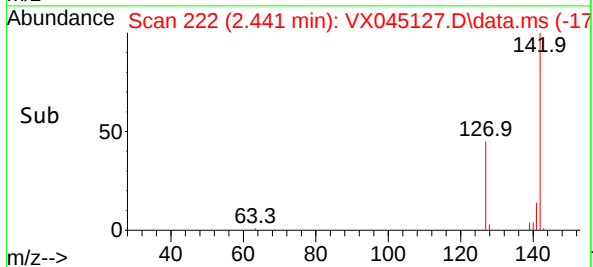
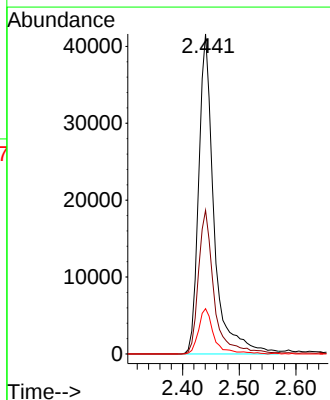
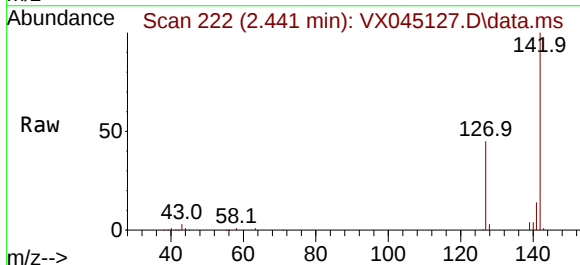
Manual Integrations
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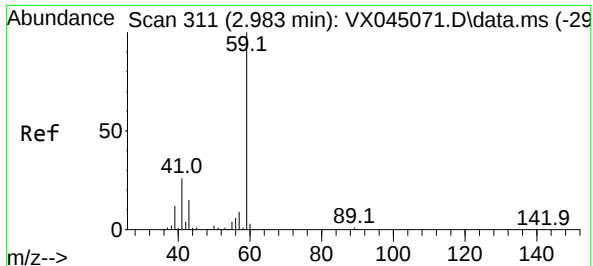
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#10
Methyl Iodide
Concen: 48.082 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

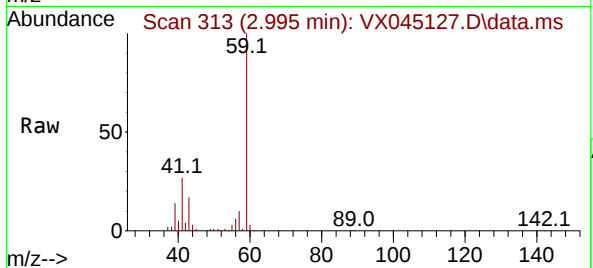
Tgt Ion:142 Resp: 78420
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 178.760 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

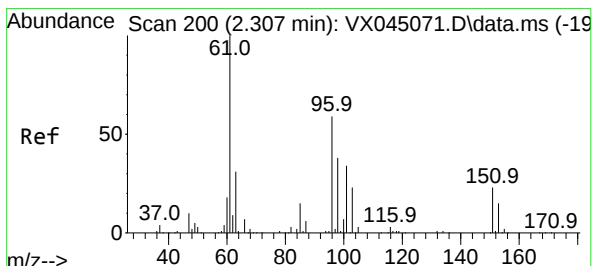
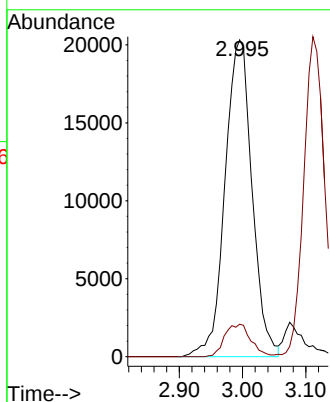
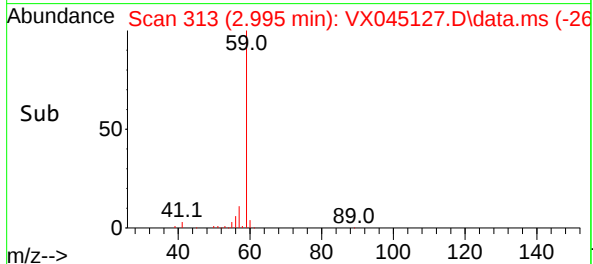
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 60479
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

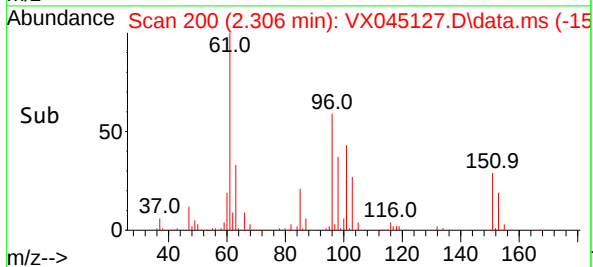
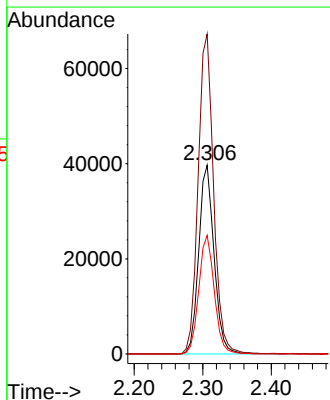
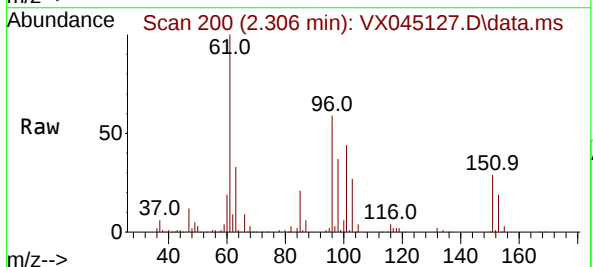
Manual Integrations
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Supervised By :Mahesh Dadoda 03/06/2025



#12
1,1-Dichloroethene
Concen: 44.972 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

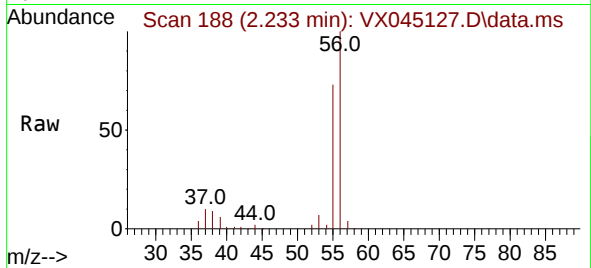
Tgt Ion: 96 Resp: 62054
Ion Ratio Lower Upper
96 100
61 169.5 134.6 202.0
98 62.8 51.0 76.6





#13
Acrolein
Concen: 239.177 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

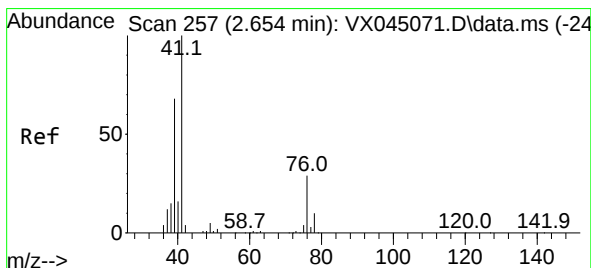
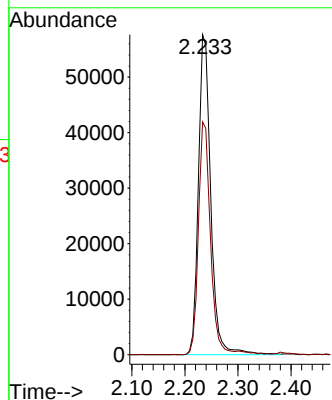
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9354
Ion Ratio Lower Upper
56 100
55 71.8 56.2 84.4

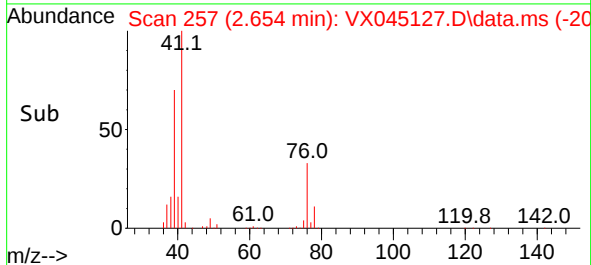
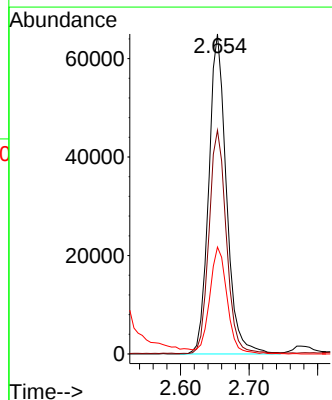
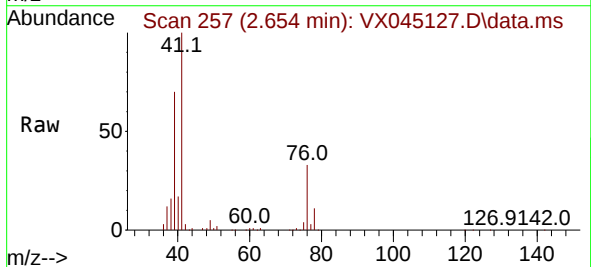
Manual Integrations
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Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#14
Allyl chloride
Concen: 47.573 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

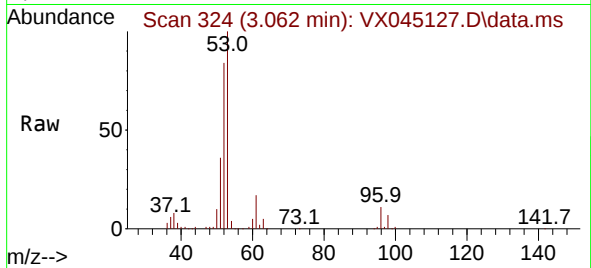
Tgt Ion: 41 Resp: 116846
Ion Ratio Lower Upper
41 100
39 68.4 53.8 80.8
76 33.0 25.2 37.8





#15
Acrylonitrile
Concen: 216.227 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

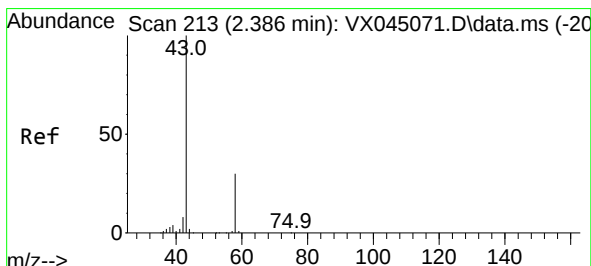
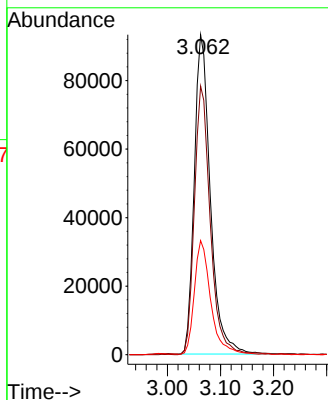
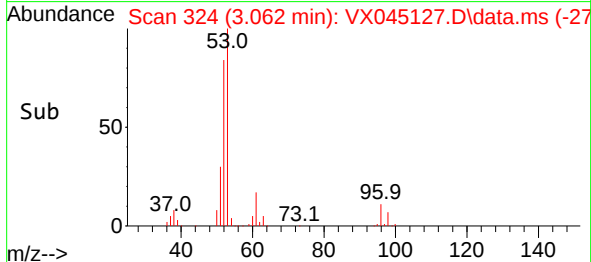
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 196064
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 35.9 29.0 43.4

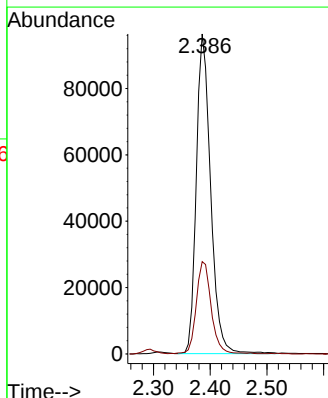
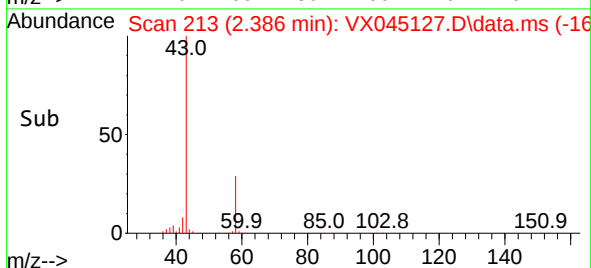
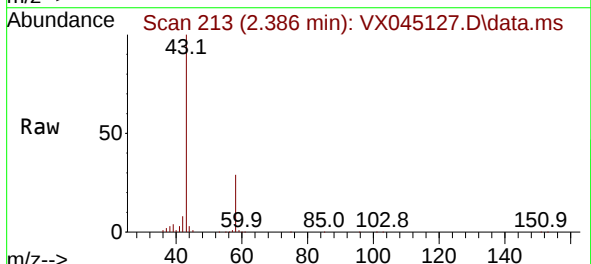
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Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#16
Acetone
Concen: 203.698 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 43 Resp: 168809
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4





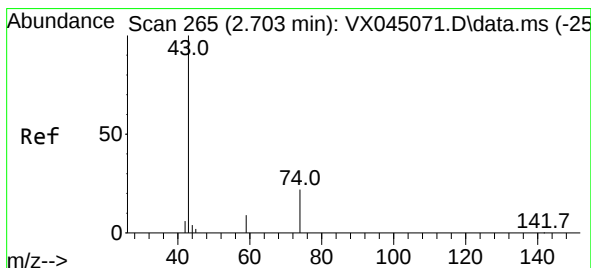
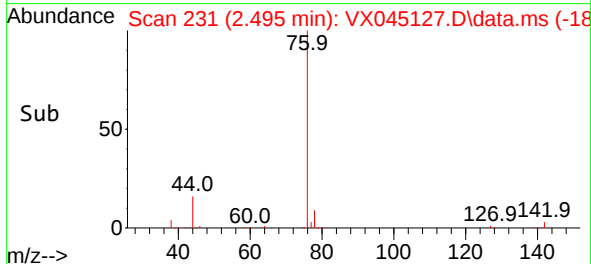
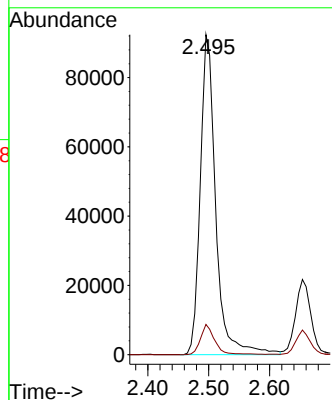
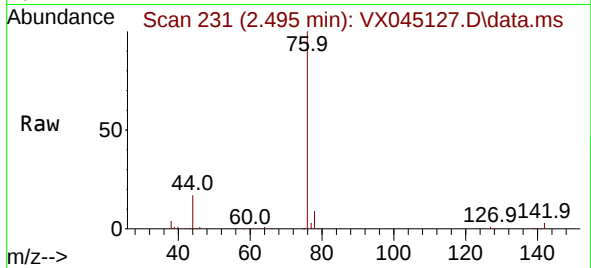
#17
Carbon Disulfide
Concen: 44.364 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 16304
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8

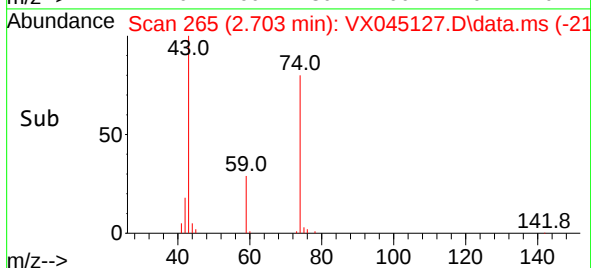
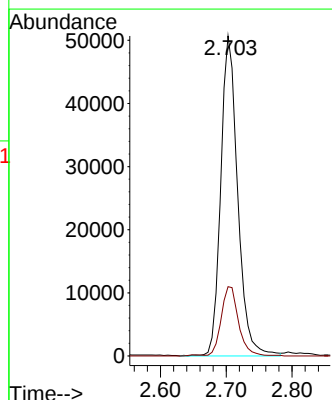
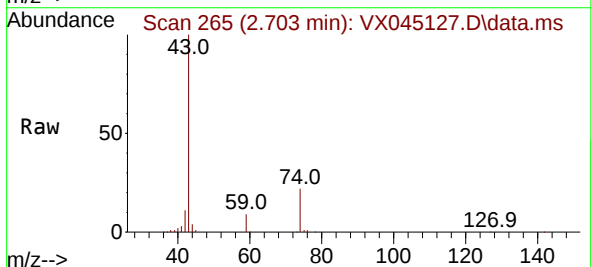
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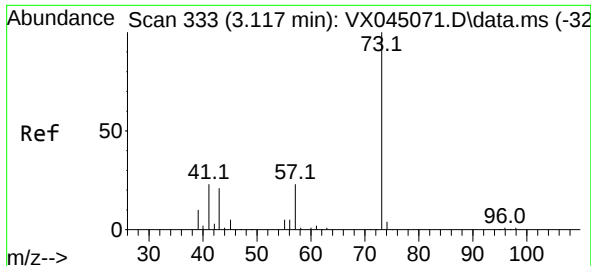
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#18
Methyl Acetate
Concen: 45.649 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 43 Resp: 91008
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





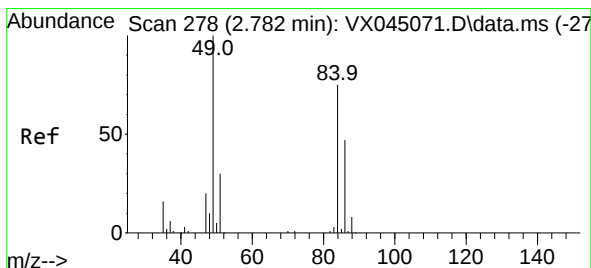
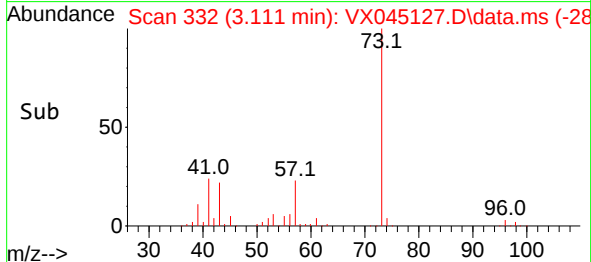
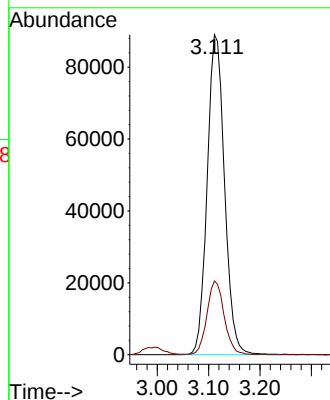
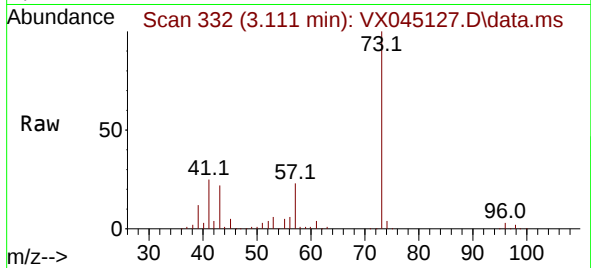
#19
Methyl tert-butyl Ether
Concen: 44.990 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20827
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7

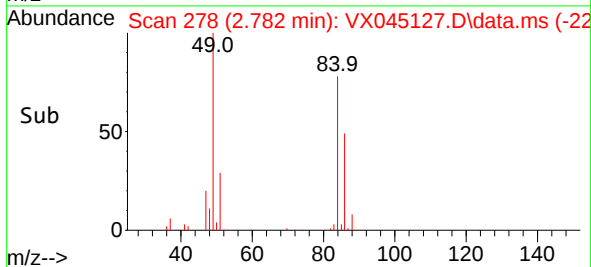
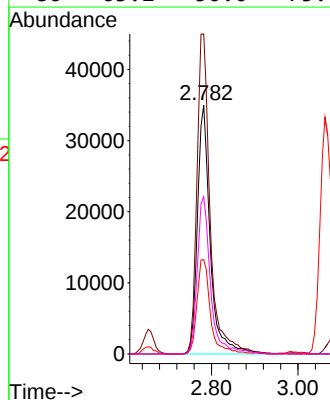
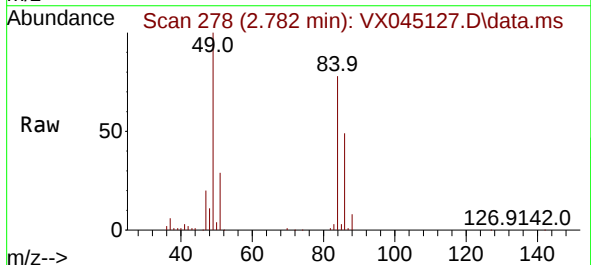
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Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#20
Methylene Chloride
Concen: 43.757 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

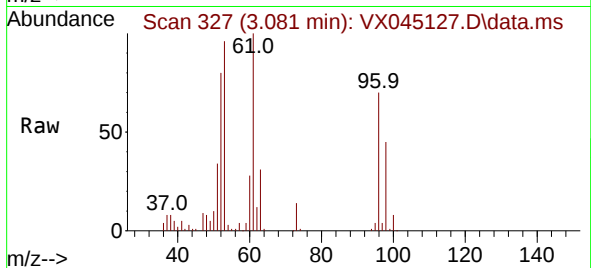
Tgt Ion: 84 Resp: 71831
Ion Ratio Lower Upper
84 100
49 128.6 106.5 159.7
51 37.9 32.1 48.1
86 63.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 46.997 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

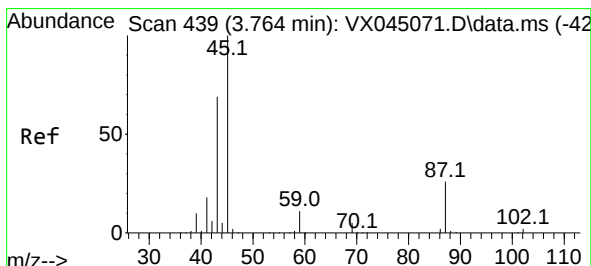
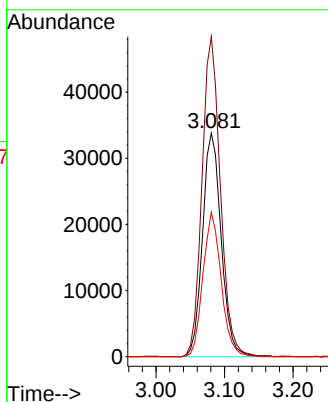
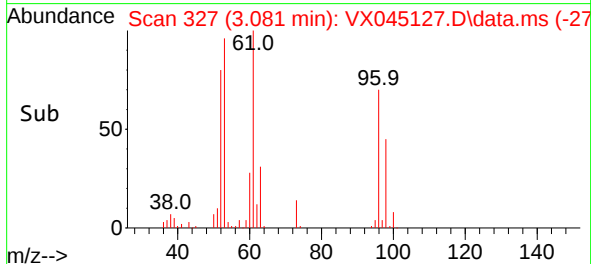
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6406
Ion Ratio Lower Upper
96 100
61 143.1 117.0 175.4
98 64.6 53.4 80.2

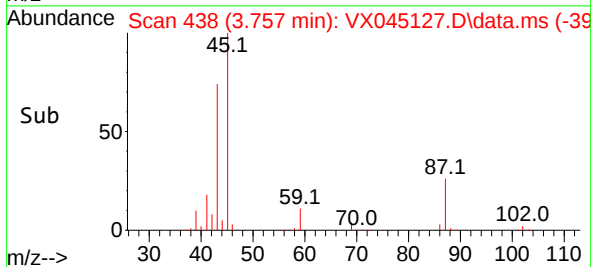
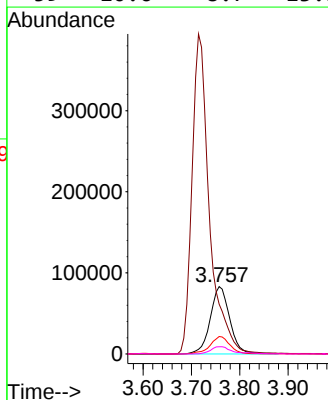
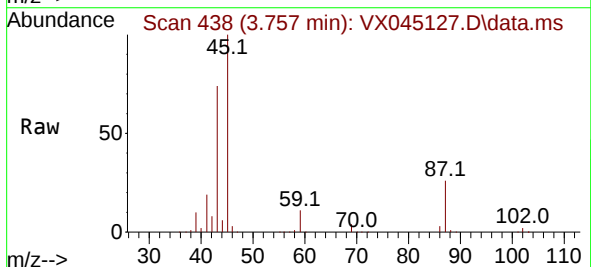
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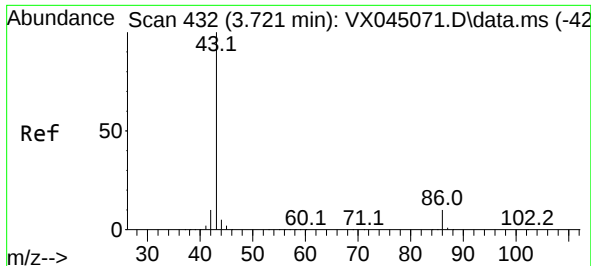
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#22
Diisopropyl ether
Concen: 46.611 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

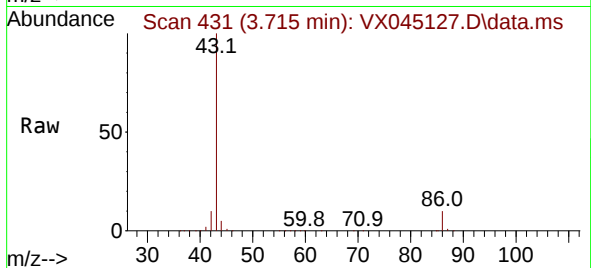
Tgt Ion: 45 Resp: 232828
Ion Ratio Lower Upper
45 100
43 73.2 54.9 82.3
87 25.8 21.0 31.4
59 10.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 237.095 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045127.D
 Acq: 05 Mar 2025 09:12

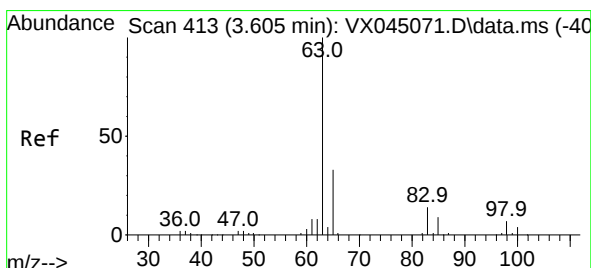
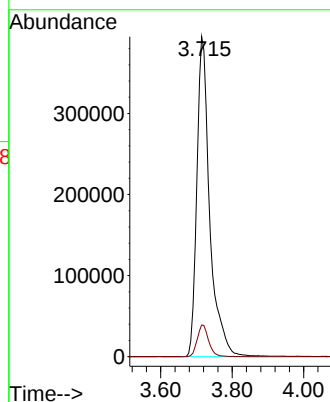
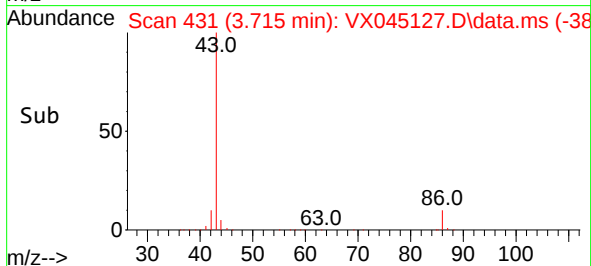
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 988338
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

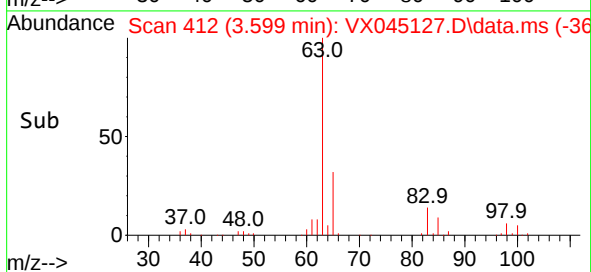
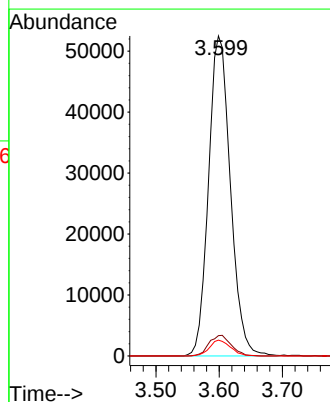
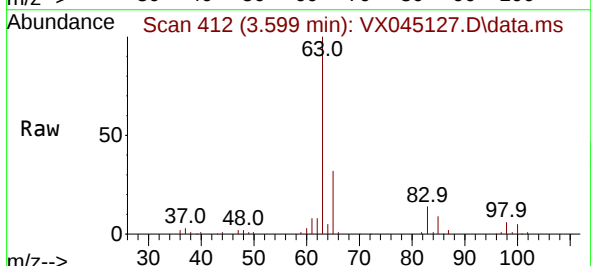
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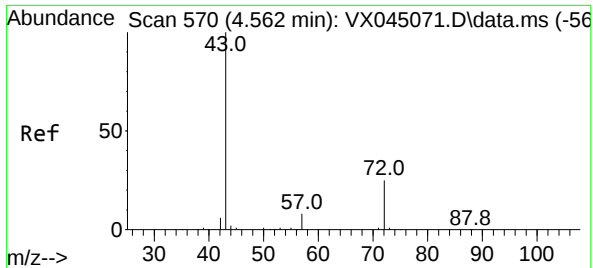
Reviewed By :John Carlone 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#24
 1,1-Dichloroethane
 Concen: 45.046 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045127.D
 Acq: 05 Mar 2025 09:12

Tgt Ion: 63 Resp: 126104
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.9 2.1 6.5





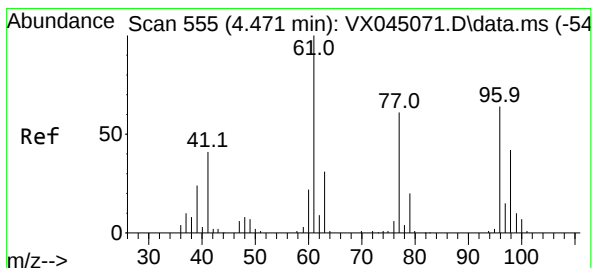
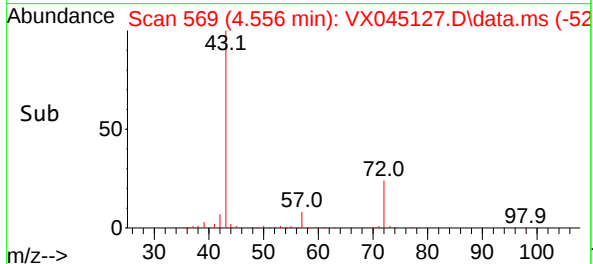
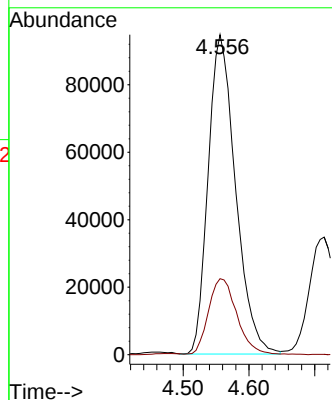
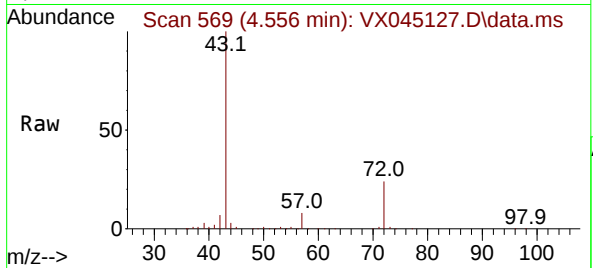
#25
2-Butanone
Concen: 219.773 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27415
Ion Ratio Lower Upper
43 100
72 23.6 20.0 30.0

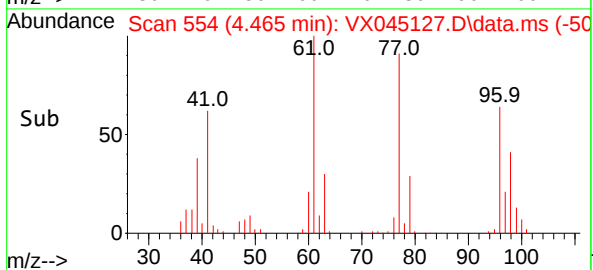
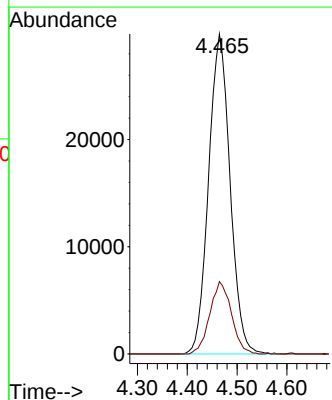
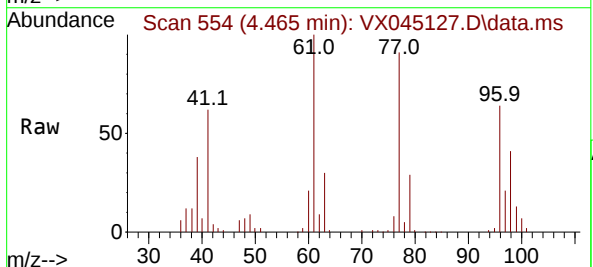
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Supervised By :Mahesh Dadoda 03/06/2025



#26
2,2-Dichloropropane
Concen: 67.949 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 77 Resp: 89223
Ion Ratio Lower Upper
77 100
97 22.8 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 45.662 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7683

Ion Ratio Lower Upper

96 100

61 150.1 0.0 283.2

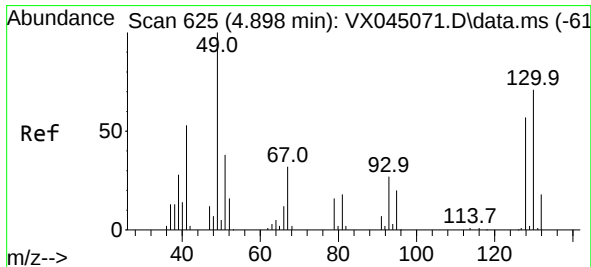
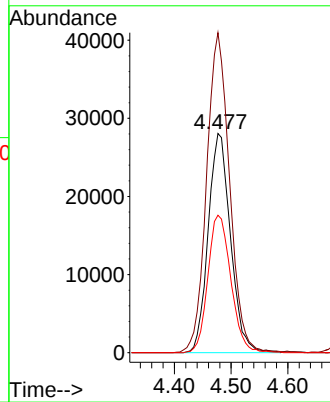
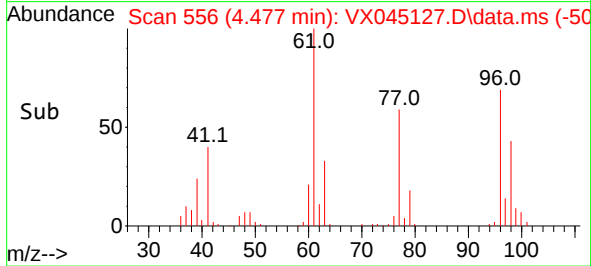
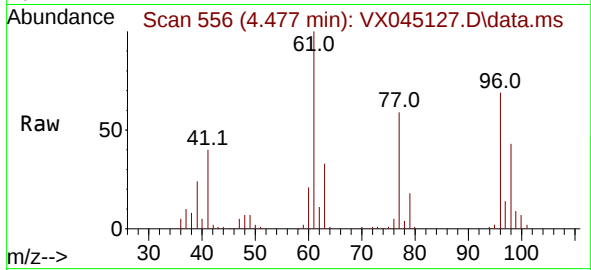
98 64.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#28

Bromochloromethane

Concen: 47.005 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

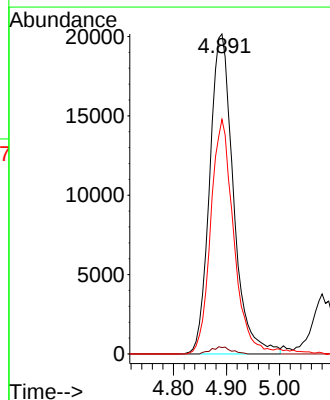
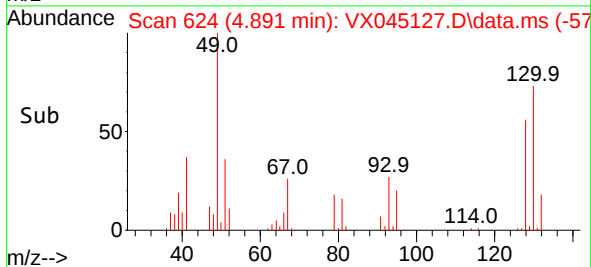
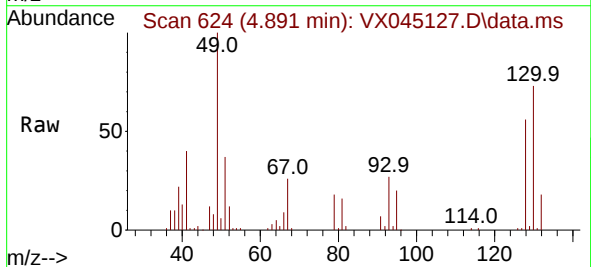
Tgt Ion: 49 Resp: 62721

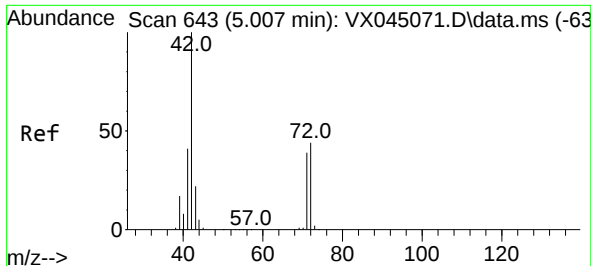
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 70.7 56.1 84.1





#29

Tetrahydrofuran

Concen: 214.470 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 179664

Ion Ratio Lower Upper

42 100

72 42.4 34.1 51.1

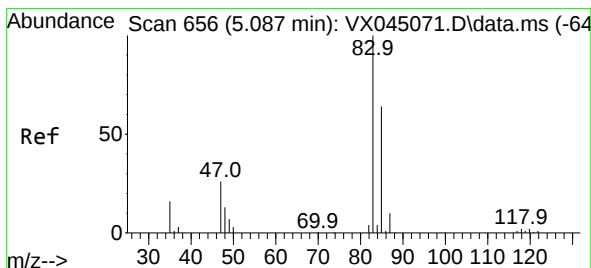
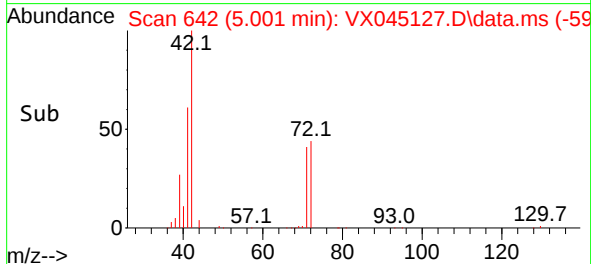
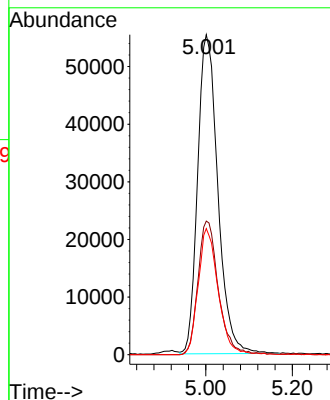
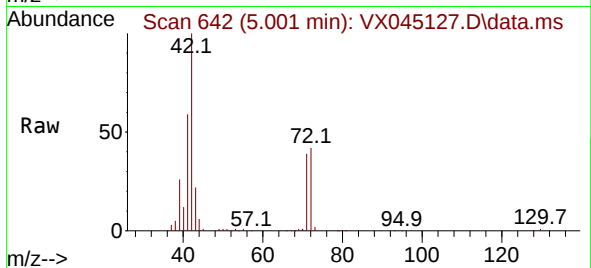
71 39.1 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#30

Chloroform

Concen: 45.331 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045127.D

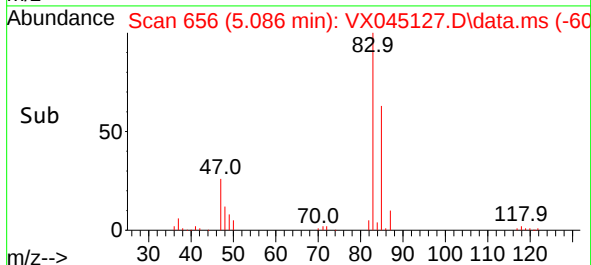
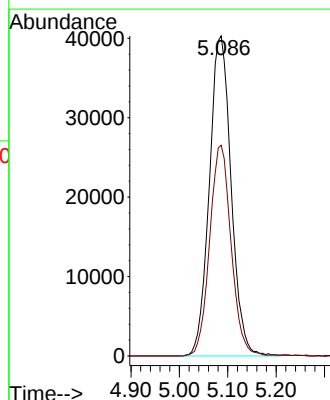
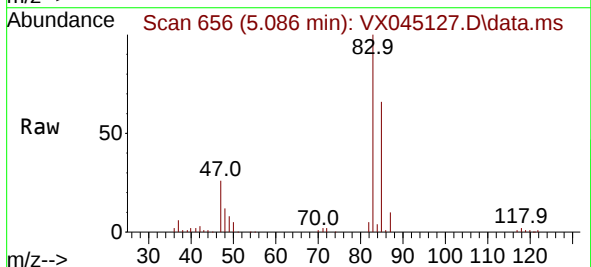
Acq: 05 Mar 2025 09:12

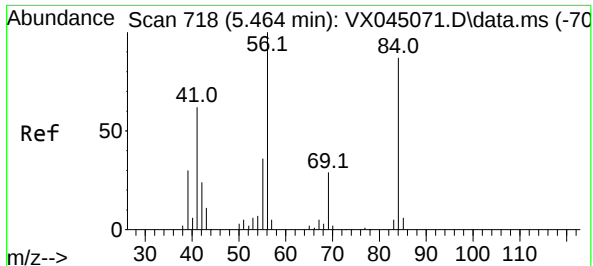
Tgt Ion: 83 Resp: 126092

Ion Ratio Lower Upper

83 100

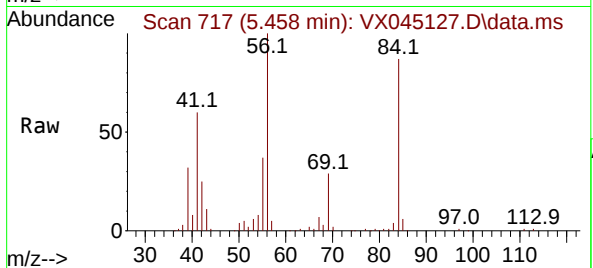
85 65.8 51.4 77.2





#31
Cyclohexane
Concen: 47.845 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

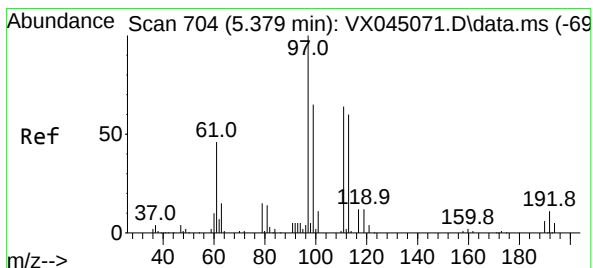
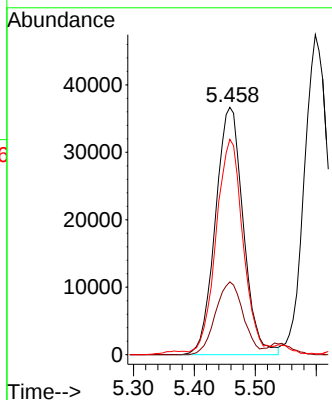
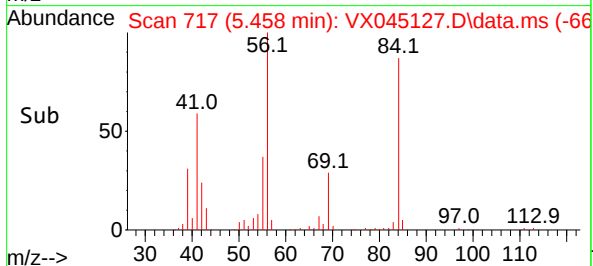
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 116269
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 85.8 69.4 104.2

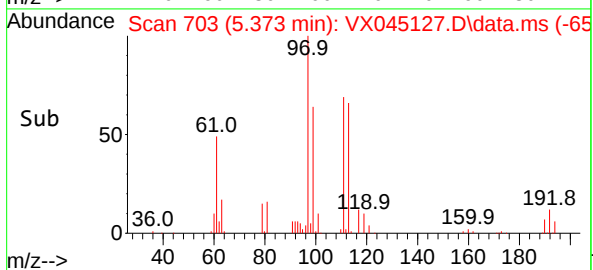
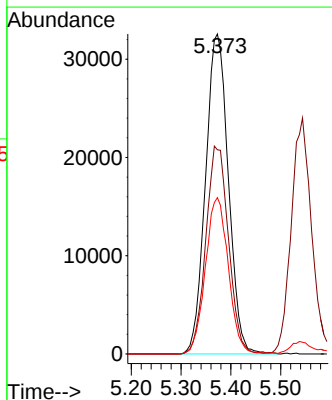
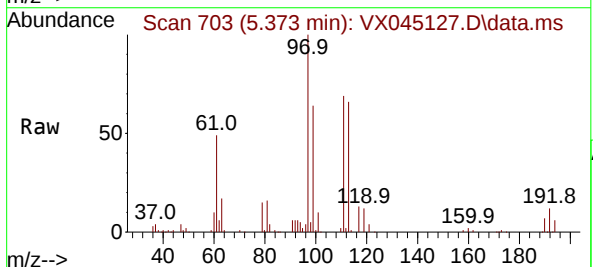
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#32
1,1,1-Trichloroethane
Concen: 46.154 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 97 Resp: 103689
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 49.2 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 46.738 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8348

Ion Ratio Lower Upper

65 100

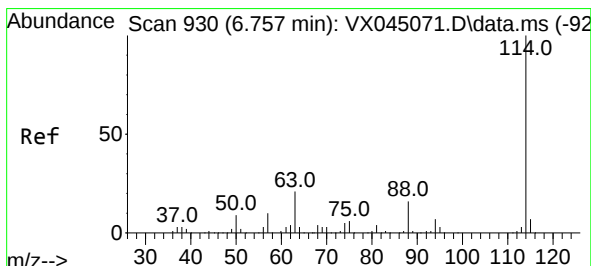
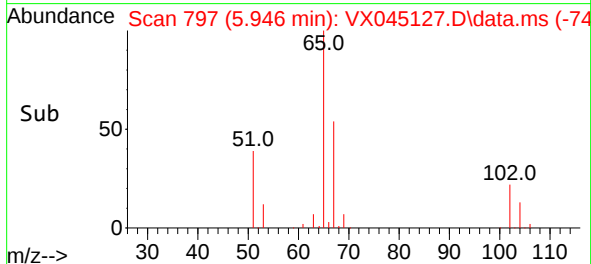
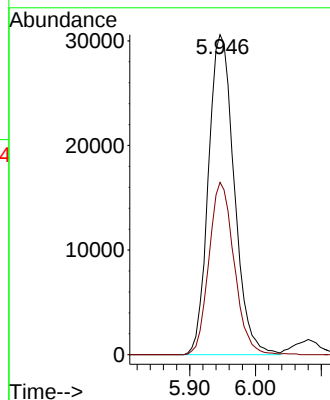
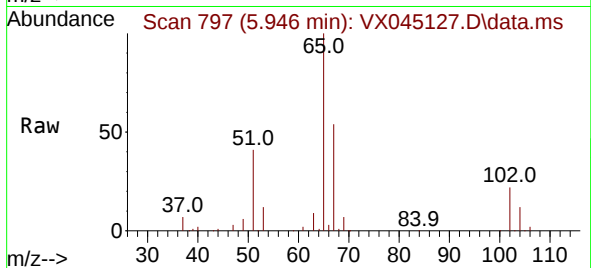
67 52.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

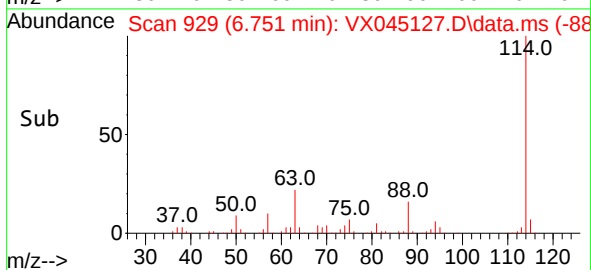
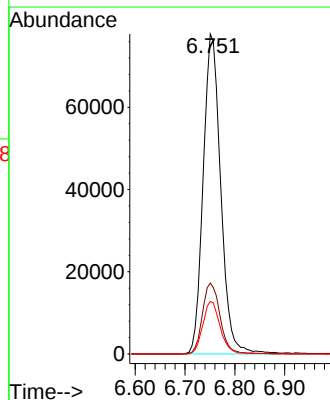
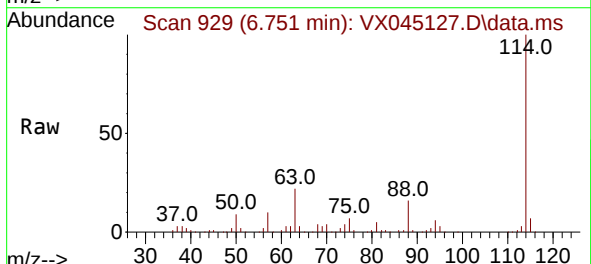
Tgt Ion:114 Resp: 190470

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

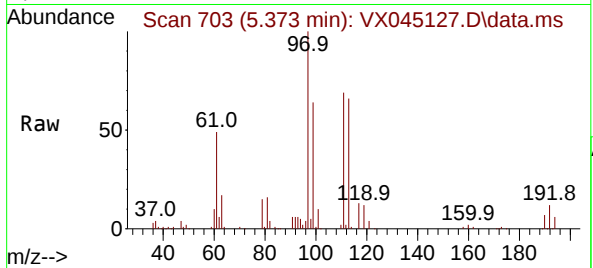
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 51.467 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

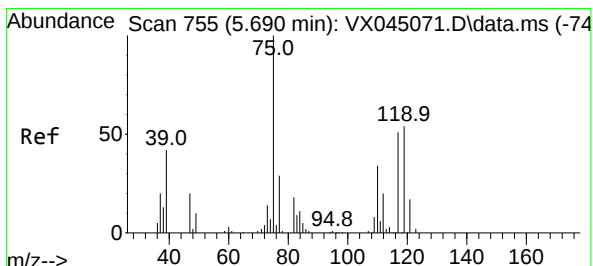
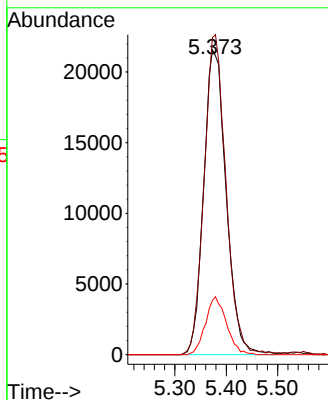
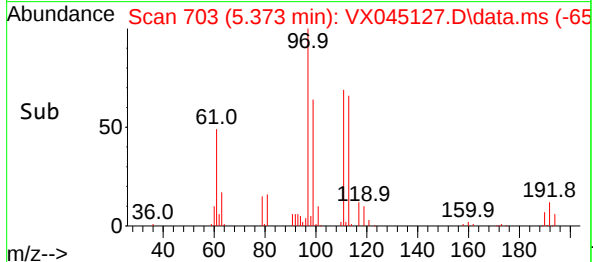
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 65550
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.7 14.3 21.5

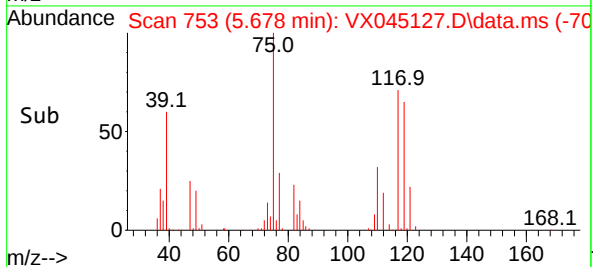
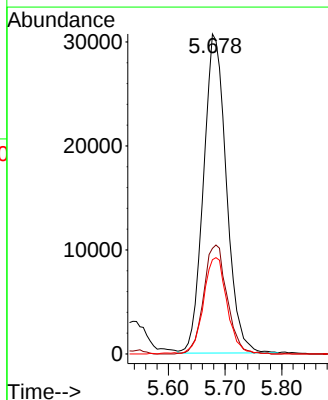
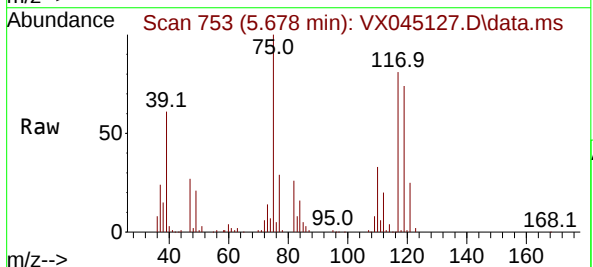
Manual Integrations
APPROVED

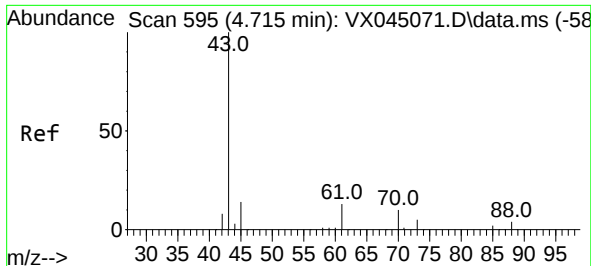
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#36
1,1-Dichloropropene
Concen: 49.270 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

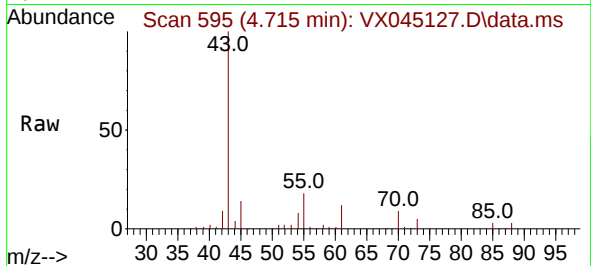
Tgt Ion: 75 Resp: 86057
Ion Ratio Lower Upper
75 100
110 35.0 16.9 50.6
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 46.871 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

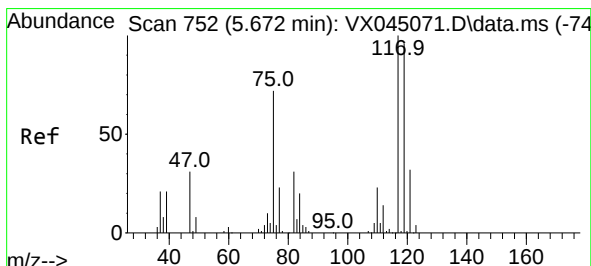
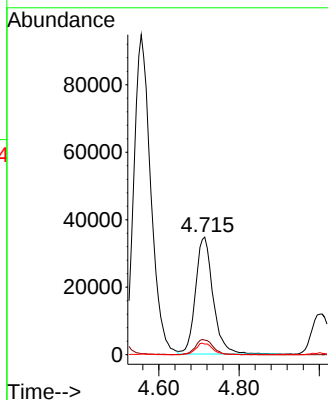
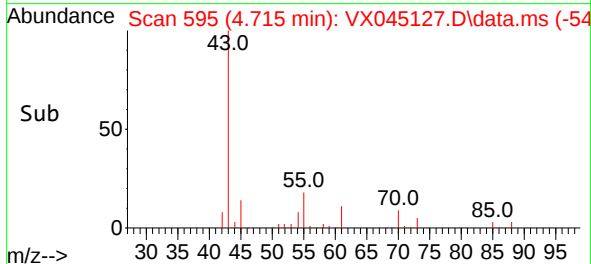
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 105492
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.4 7.7 11.5

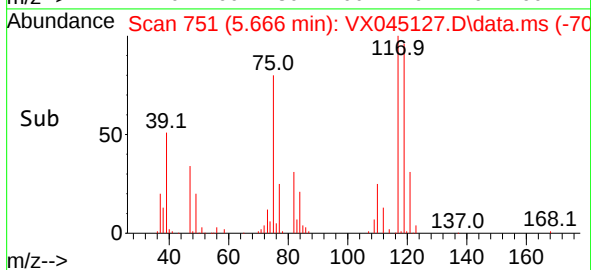
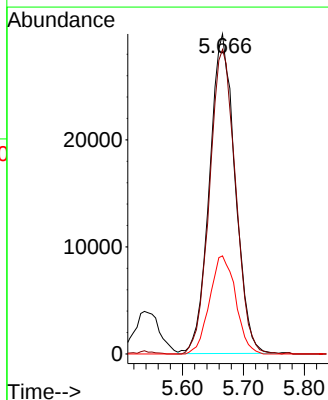
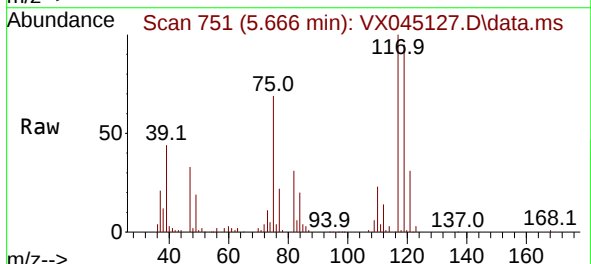
Manual Integrations
APPROVED

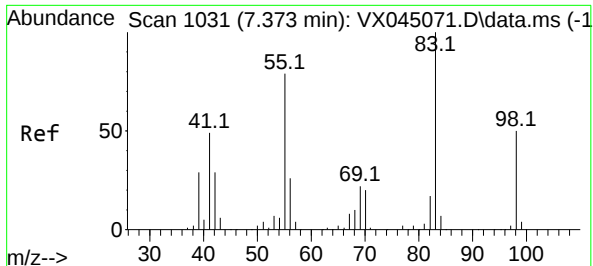
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#38
Carbon Tetrachloride
Concen: 49.086 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion:117 Resp: 87042
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1
121 30.7 25.5 38.3





#39

Methylcyclohexane

Concen: 55.384 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11591

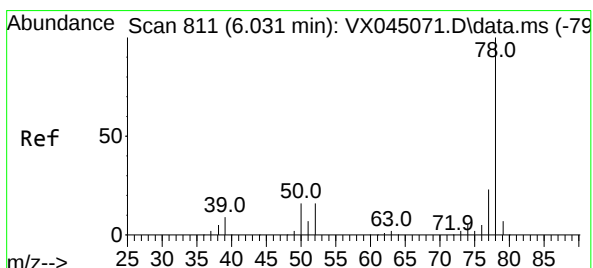
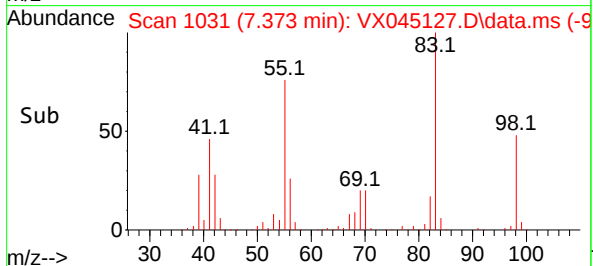
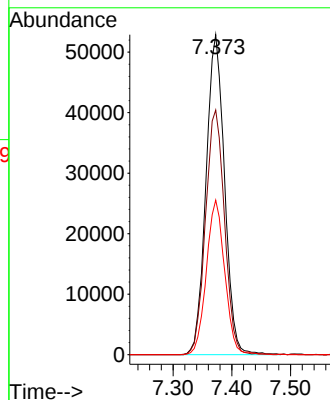
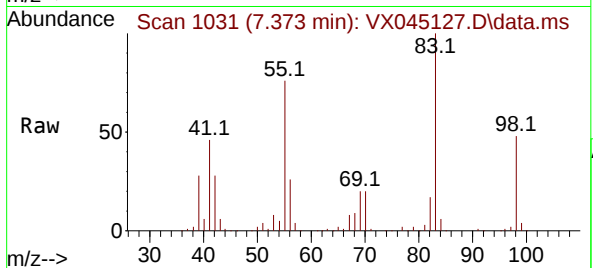
Ion	Ratio	Lower	Upper
83	100		
55	76.4	63.0	94.4
98	48.3	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#40

Benzene

Concen: 48.900 ug/l

RT: 6.025 min Scan# 810

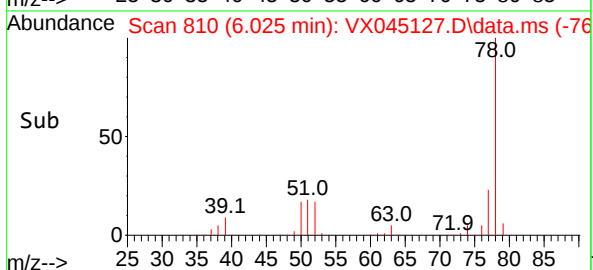
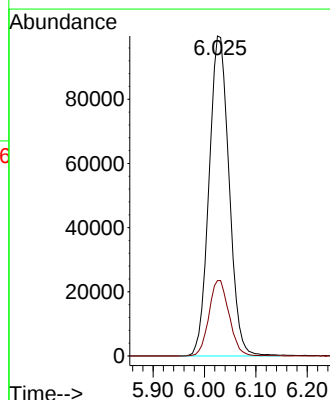
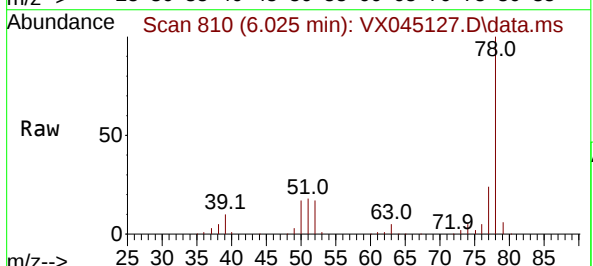
Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Tgt Ion: 78 Resp: 269708

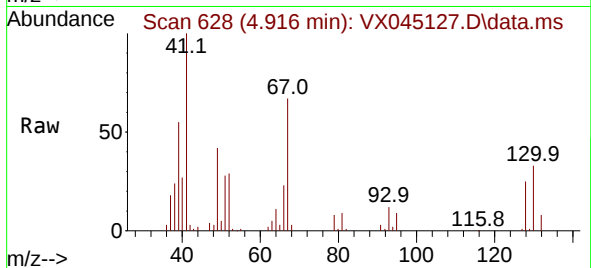
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41
Methacrylonitrile
Concen: 49.148 ug/l
RT: 4.916 min Scan# 612
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

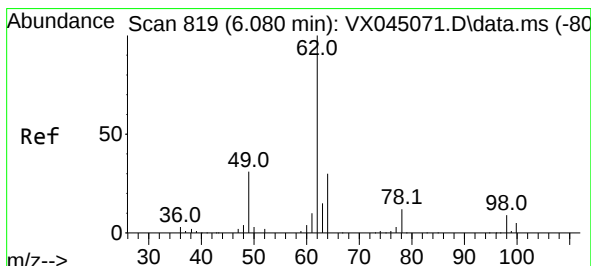
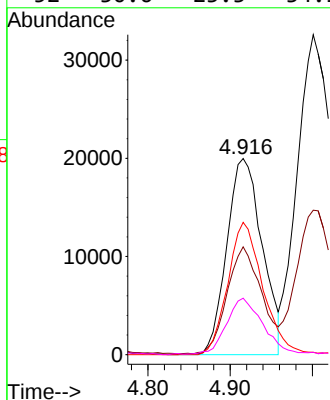
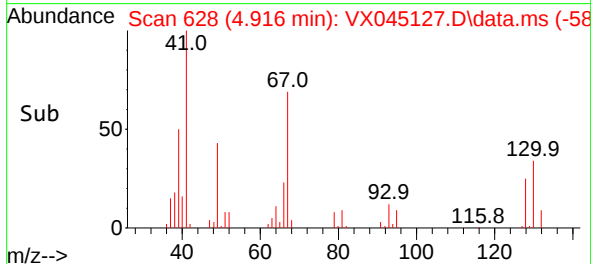
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	5981
Ion Ratio	100	Lower	Upper
39	53.4	44.6	67.0
67	67.2	53.9	80.9
52	30.6	23.3	34.9

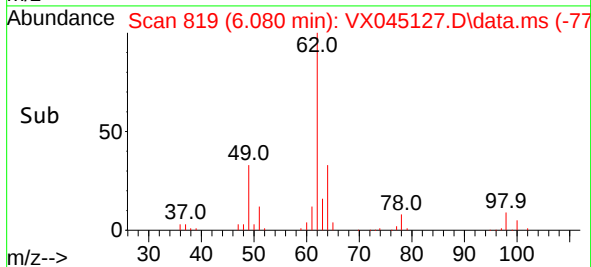
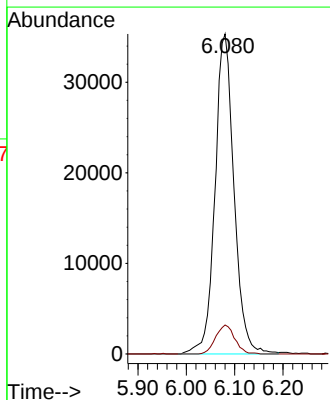
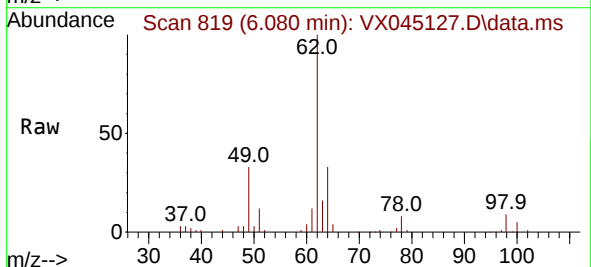
Manual Integrations
APPROVED

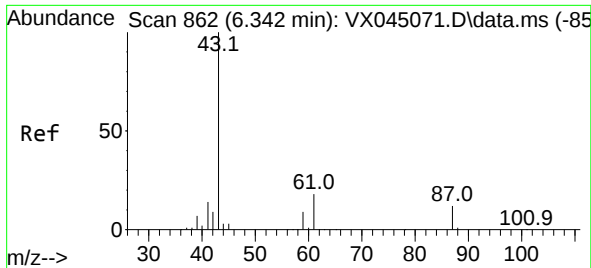
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#42
1,2-Dichloroethane
Concen: 48.518 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

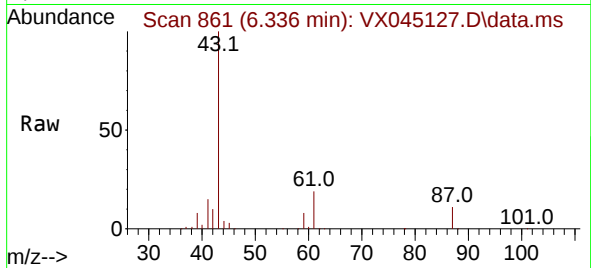
Tgt Ion:	62	Resp:	96363
Ion Ratio	100	Lower	Upper
98	9.1	0.0	18.2





#43
Isopropyl Acetate
Concen: 48.480 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

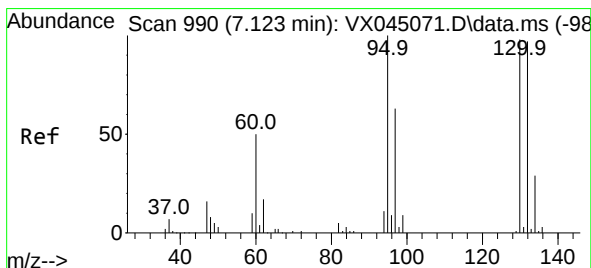
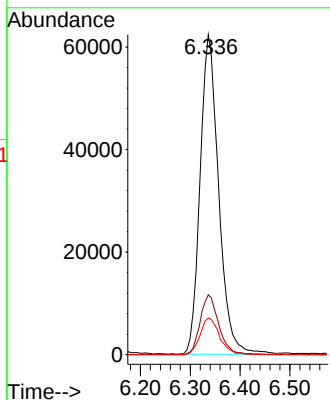
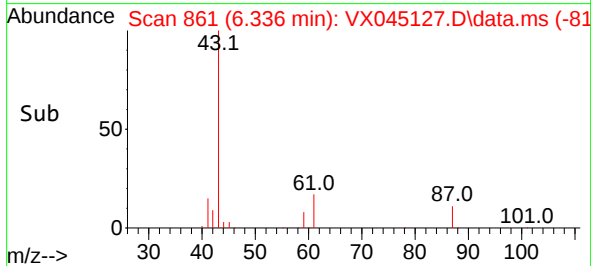
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16134
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 12.0 9.4 14.2

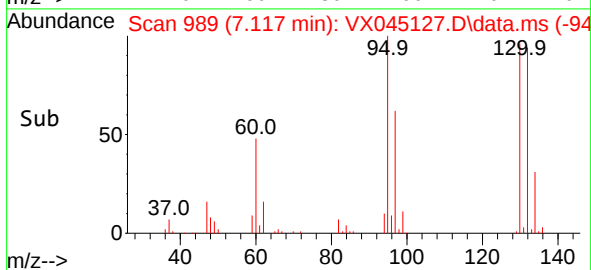
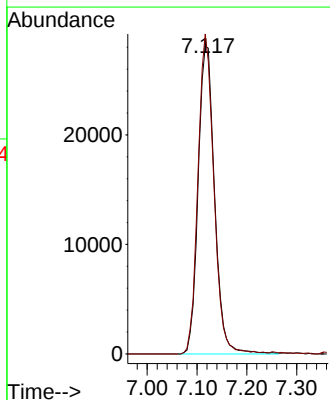
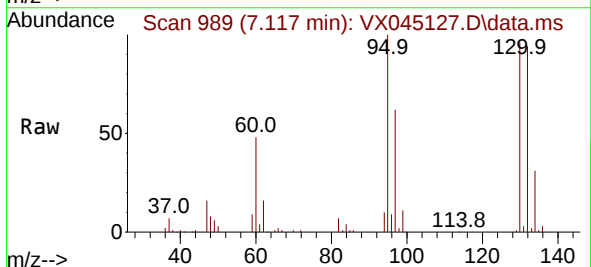
Manual Integrations
APPROVED

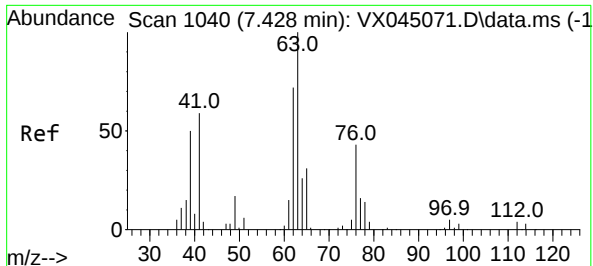
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#44
Trichloroethene
Concen: 49.759 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion:130 Resp: 64443
Ion Ratio Lower Upper
130 100
95 104.0 0.0 205.0





#45

1,2-Dichloropropane

Concen: 47.629 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6754

Ion Ratio Lower Upper

63 100

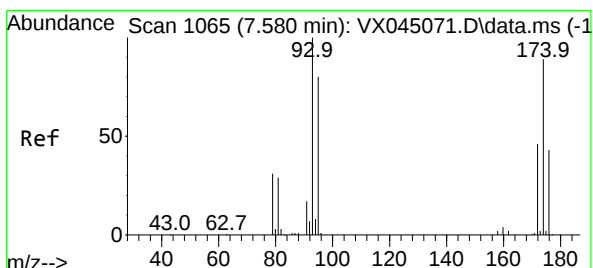
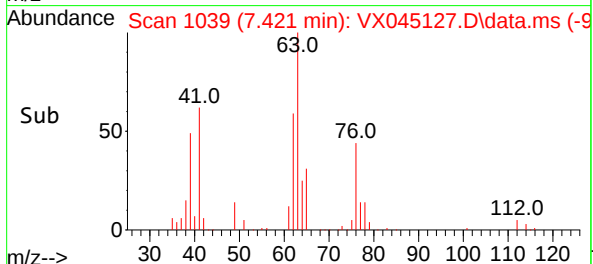
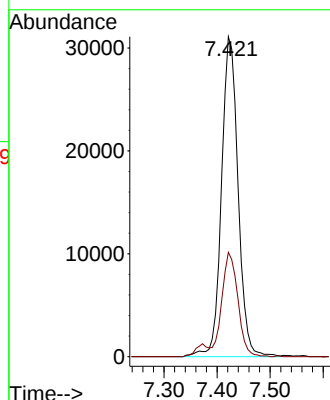
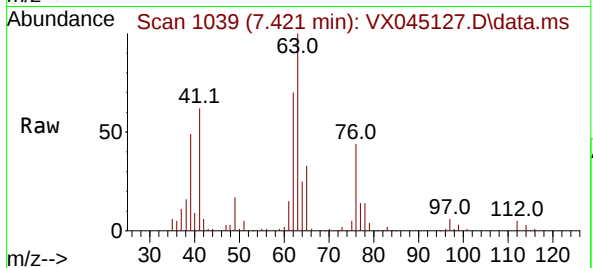
65 32.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#46

Dibromomethane

Concen: 48.429 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

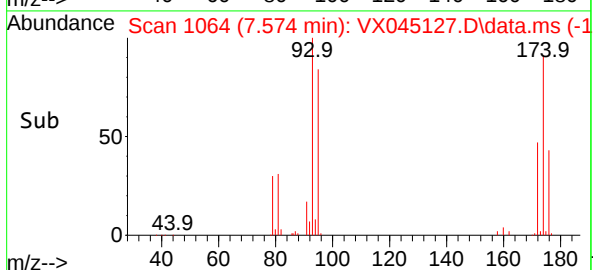
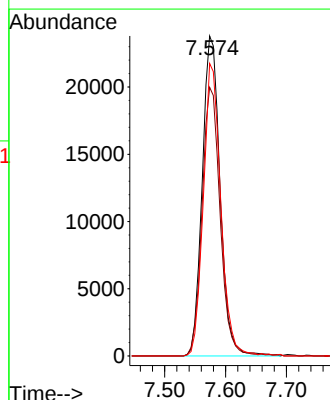
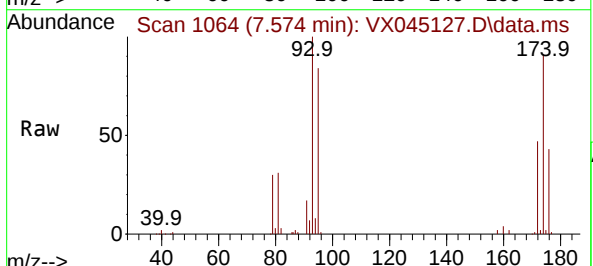
Tgt Ion: 93 Resp: 48542

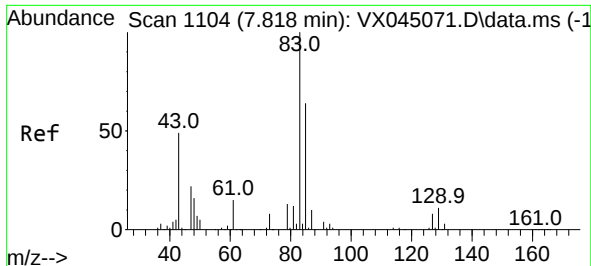
Ion Ratio Lower Upper

93 100

95 85.0 65.8 98.8

174 89.7 72.2 108.2





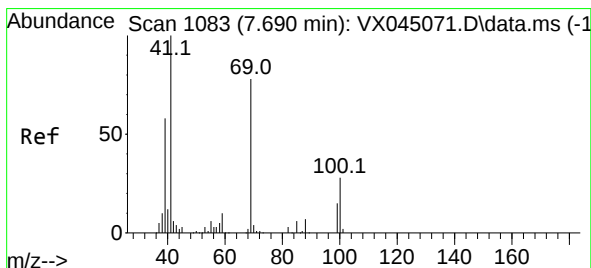
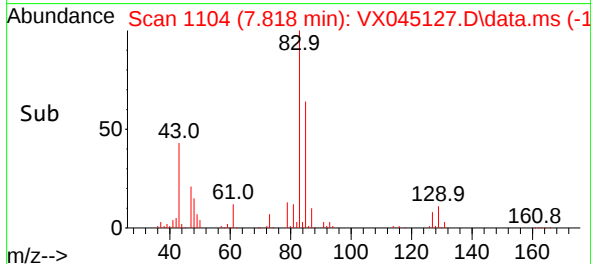
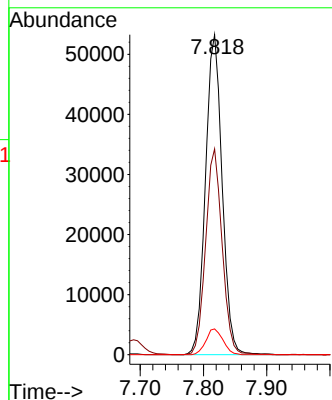
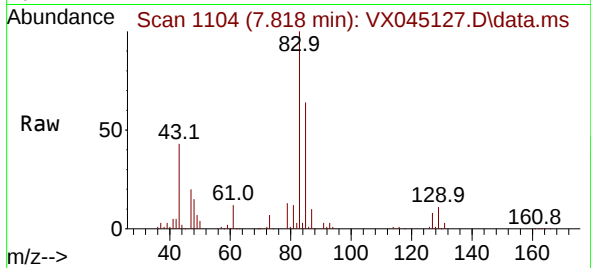
#47
Bromodichloromethane
Concen: 49.627 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9756
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.1 6.4 9.6

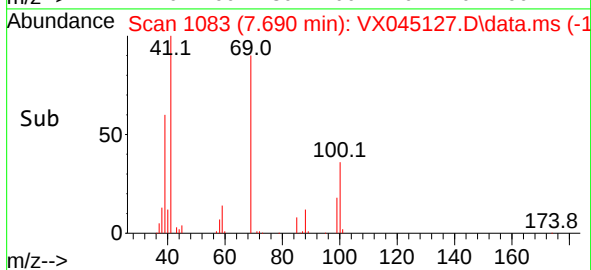
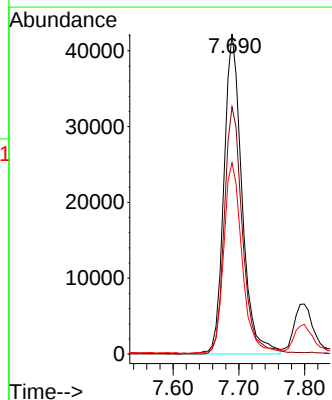
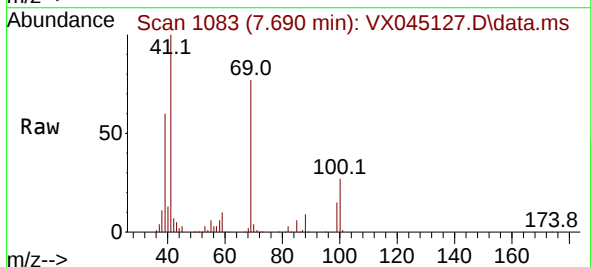
Manual Integrations
APPROVED

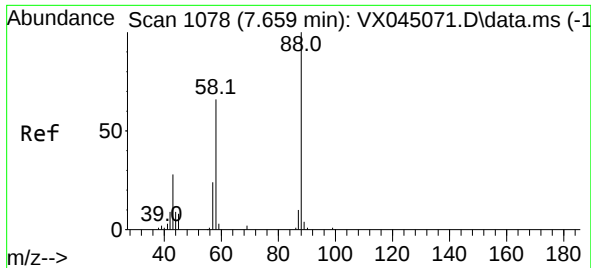
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#48
Methyl methacrylate
Concen: 48.288 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

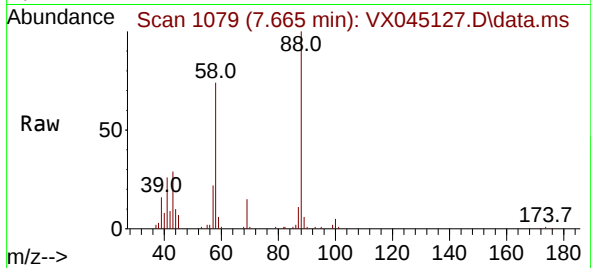
Tgt Ion: 41 Resp: 80625
Ion Ratio Lower Upper
41 100
69 78.0 63.0 94.6
39 60.5 47.5 71.3





#49
1,4-Dioxane
Concen: 897.247 ug/l
RT: 7.665 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

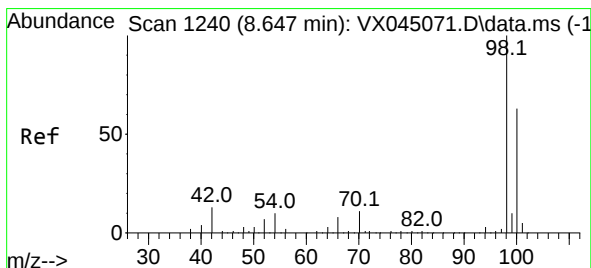
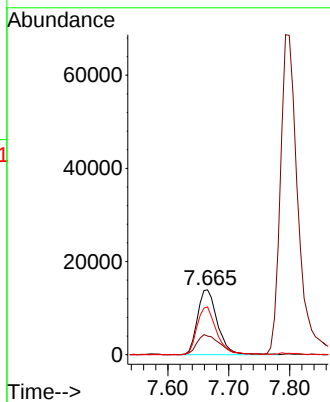
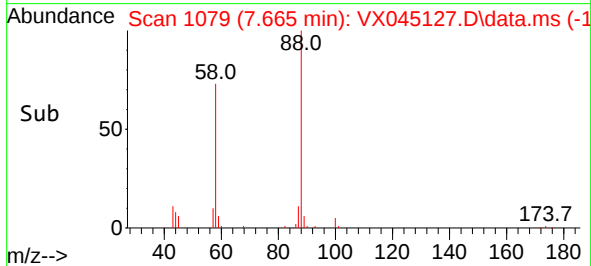
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3160
Ion Ratio Lower Upper
88 100
43 36.7 28.7 43.1
58 72.4 55.8 83.8

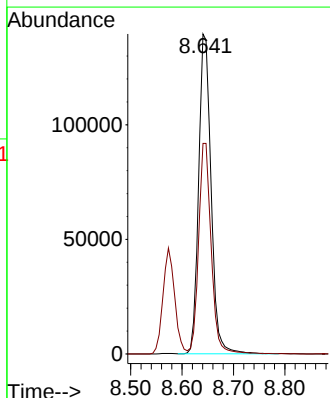
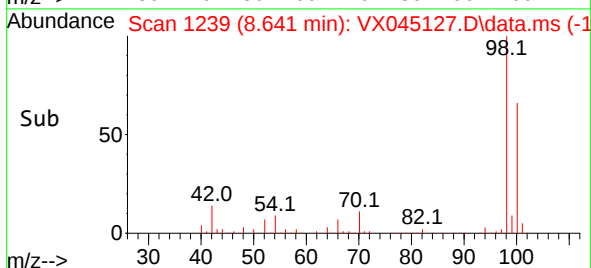
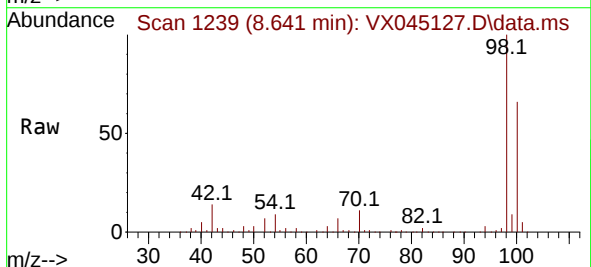
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#50
Toluene-d8
Concen: 50.704 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

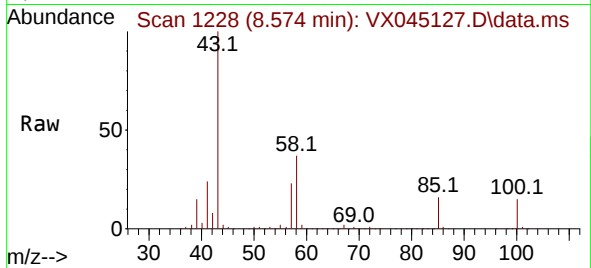
Tgt Ion: 98 Resp: 234119
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 234.470 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

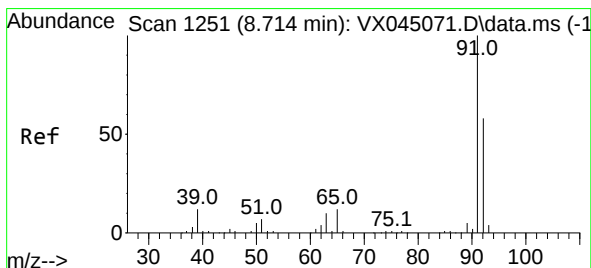
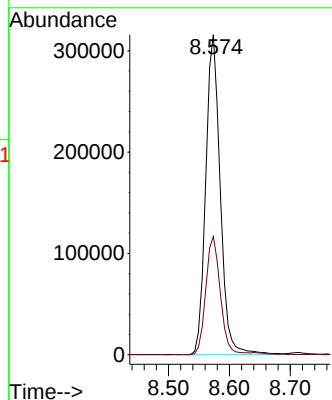
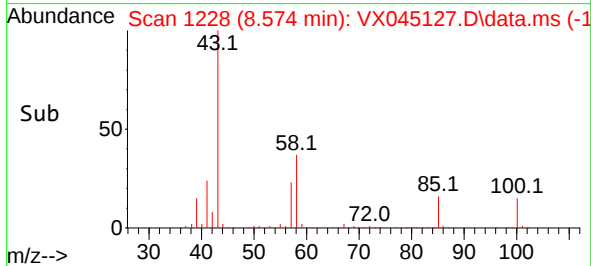
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



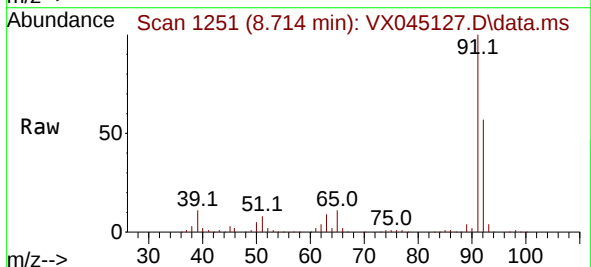
Tgt Ion: 43 Resp: 523954
Ion Ratio Lower Upper
43 100
58 36.9 29.2 43.8

Manual Integrations
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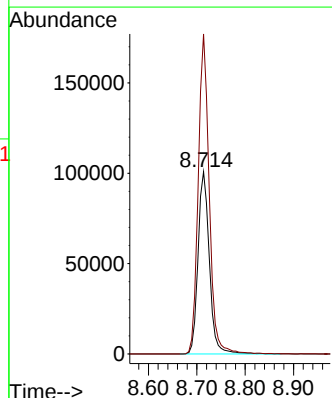
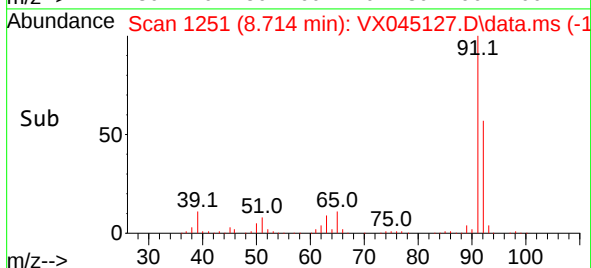
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

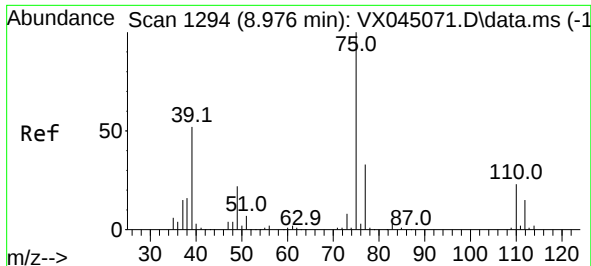


#52
Toluene
Concen: 50.472 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



Tgt Ion: 92 Resp: 163330
Ion Ratio Lower Upper
92 100
91 171.0 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 53.736 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8832

Ion Ratio Lower Upper

75 100

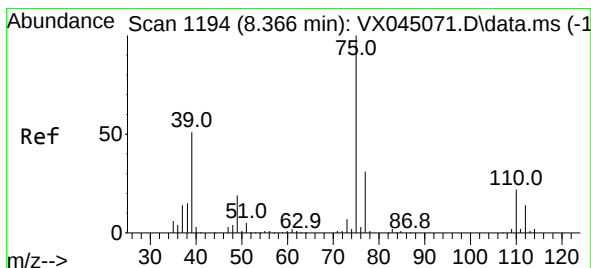
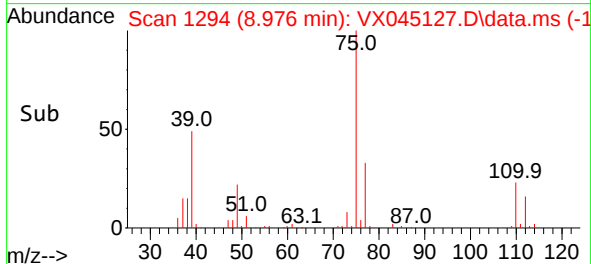
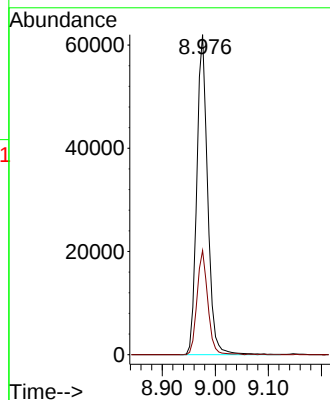
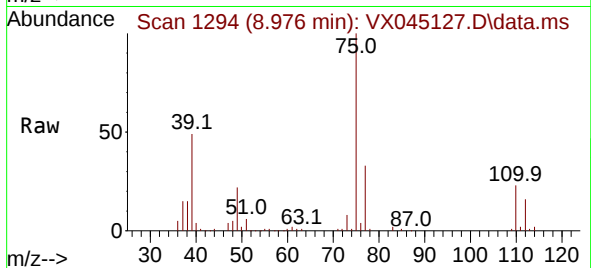
77 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#54

cis-1,3-Dichloropropene

Concen: 53.733 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

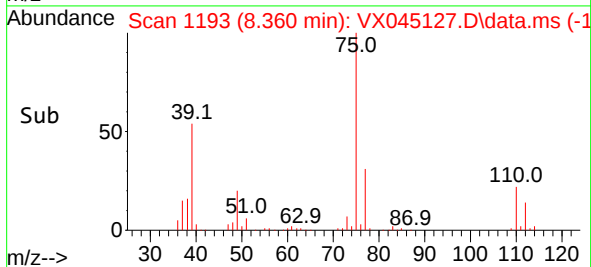
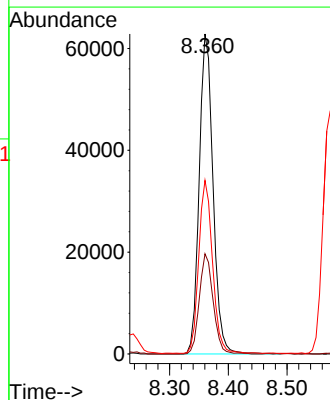
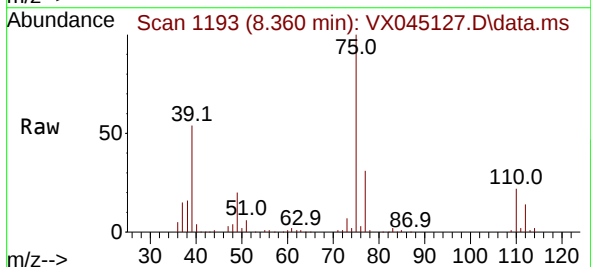
Tgt Ion: 75 Resp: 102986

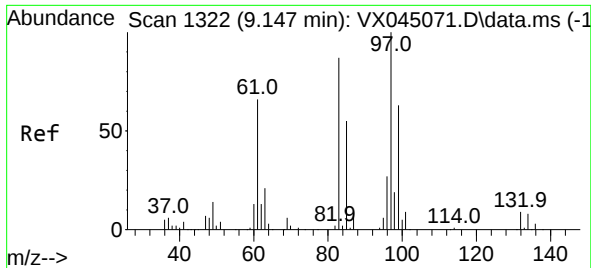
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

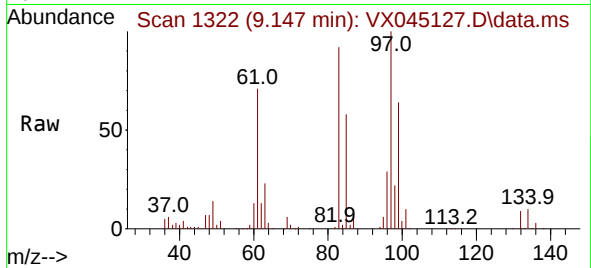
39 54.1 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 47.694 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

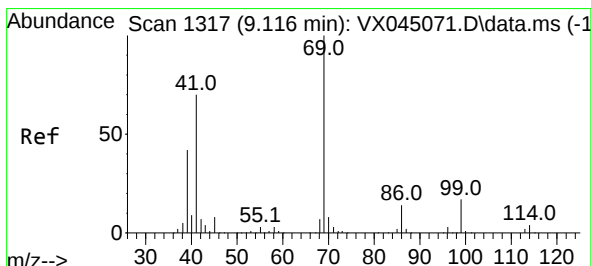
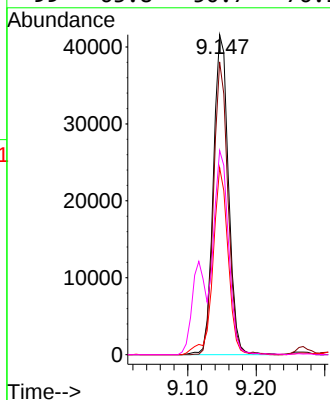
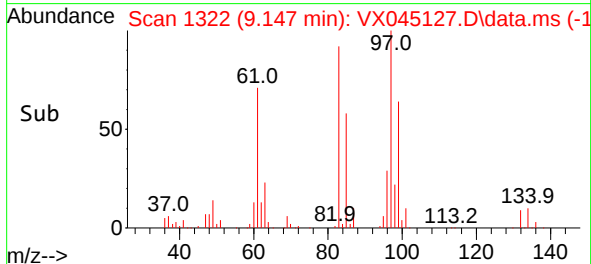


Tgt Ion: 97 Resp: 63538

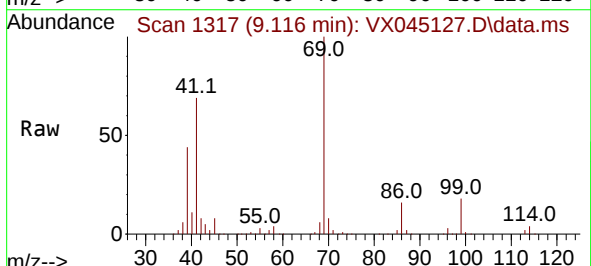
Ion	Ratio	Lower	Upper
97	100		
83	91.5	69.4	104.2
85	58.4	44.1	66.1
99	63.8	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

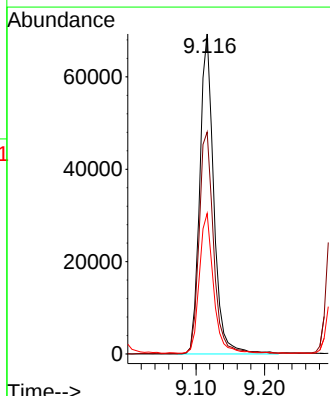
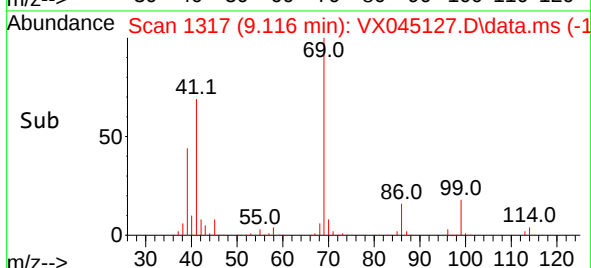


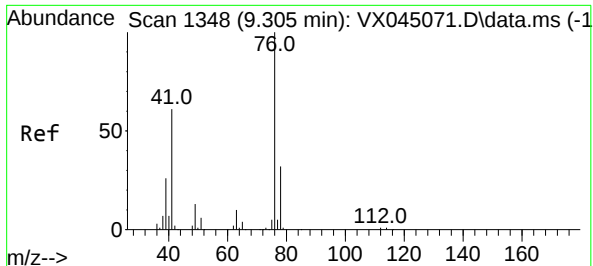
#56
Ethyl methacrylate
Concen: 48.771 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



Tgt Ion: 69 Resp: 98764

Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.0	85.4
39	44.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 47.819 ug/l

RT: 9.305 min Scan# 11024

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11024

Ion Ratio Lower Upper

76 100

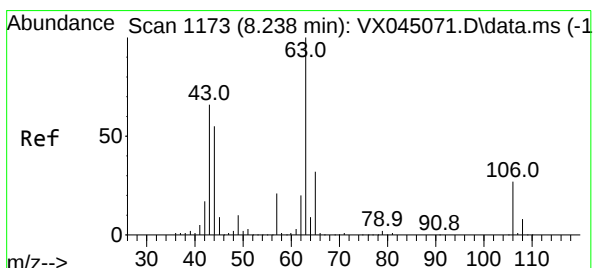
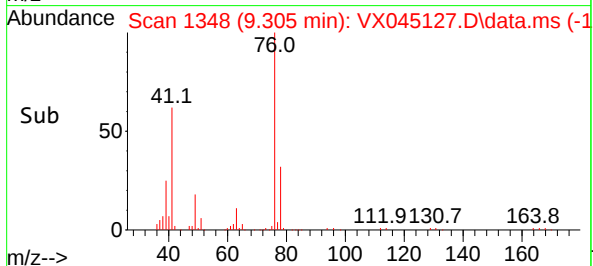
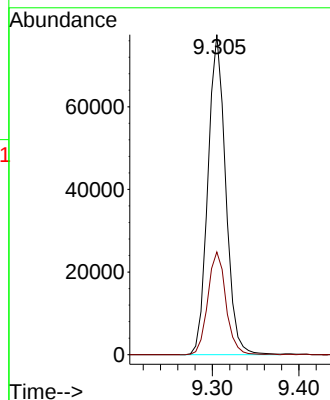
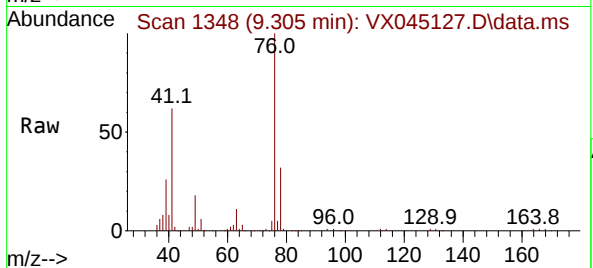
78 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#58

2-Chloroethyl Vinyl ether

Concen: 266.477 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045127.D

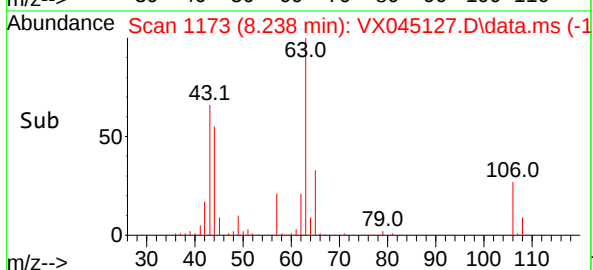
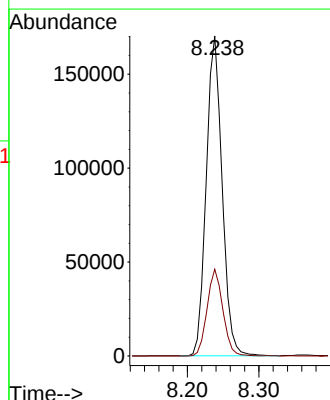
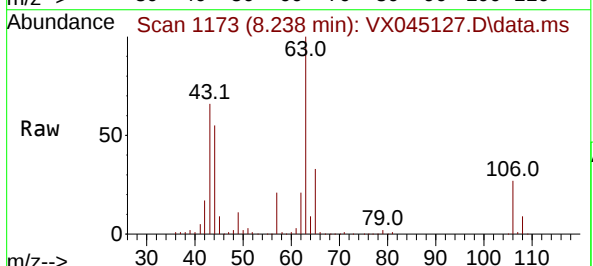
Acq: 05 Mar 2025 09:12

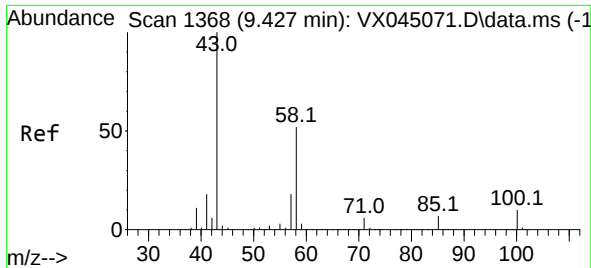
Tgt Ion: 63 Resp: 263234

Ion Ratio Lower Upper

63 100

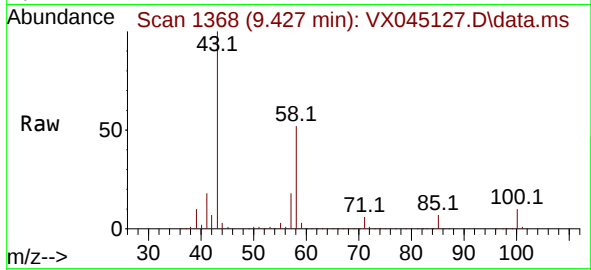
106 26.9 21.5 32.3





#59
2-Hexanone
Concen: 237.763 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

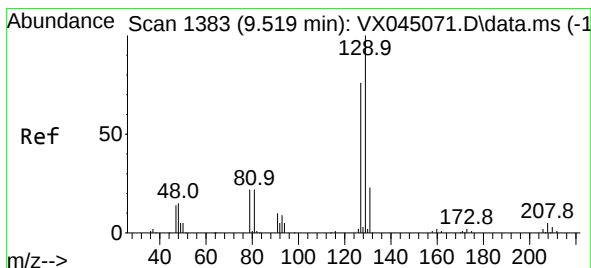
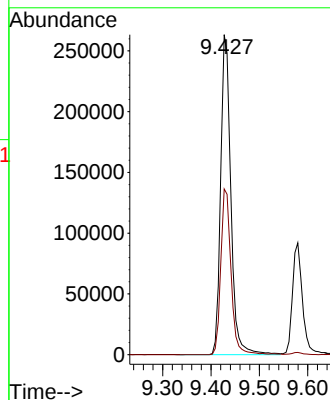
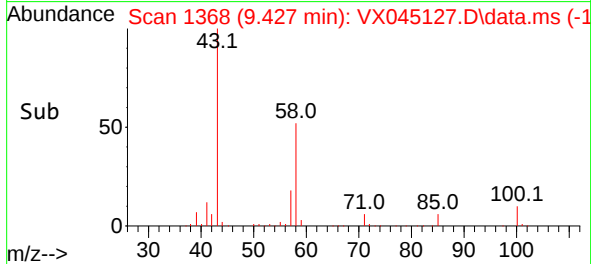
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 384958
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.6

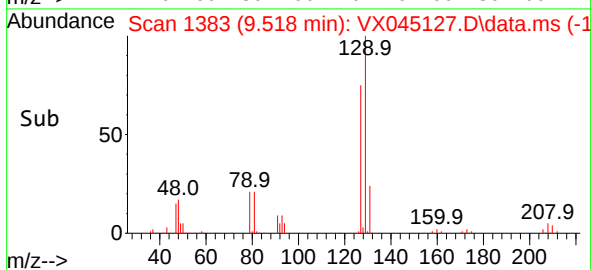
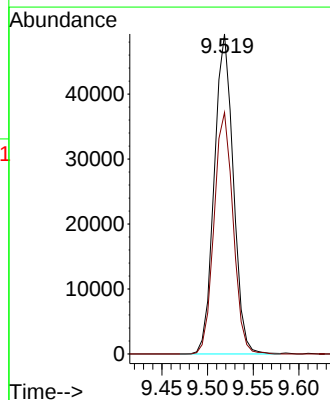
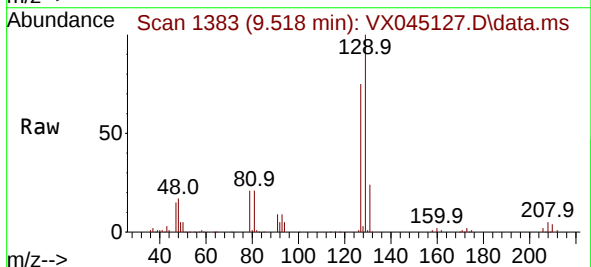
Manual Integrations
APPROVED

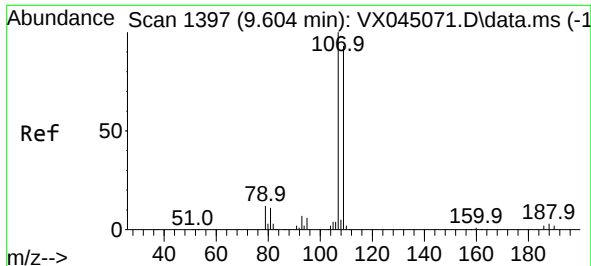
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#60
Dibromochloromethane
Concen: 51.202 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

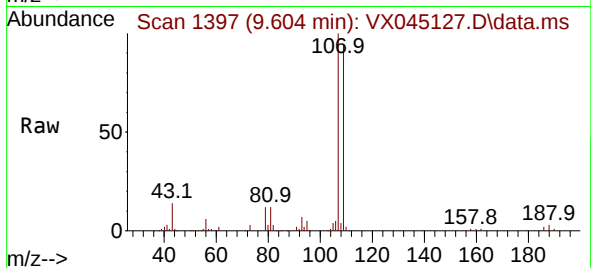
Tgt Ion:129 Resp: 71321
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 48.624 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

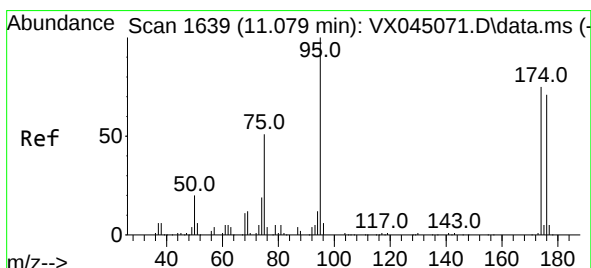
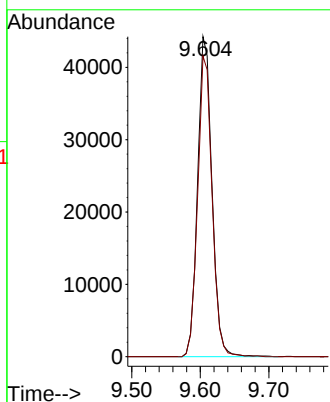
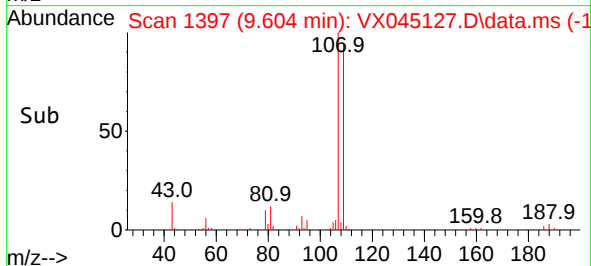
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



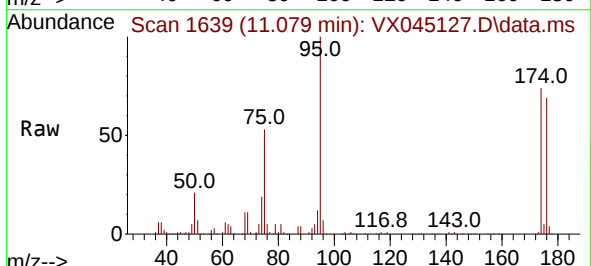
Tgt Ion:107 Resp: 6466
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1

Manual Integrations
APPROVED

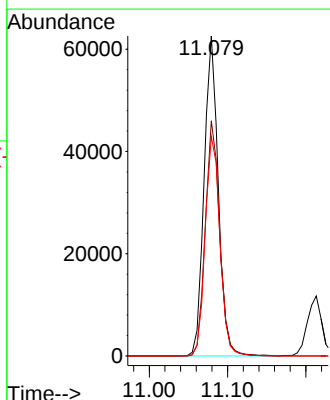
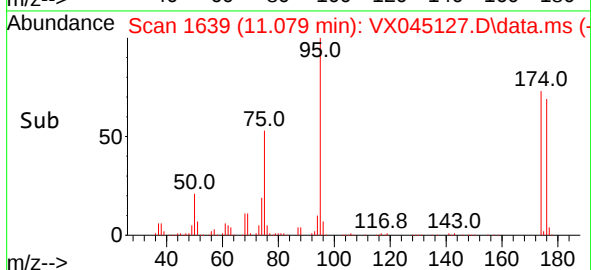
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

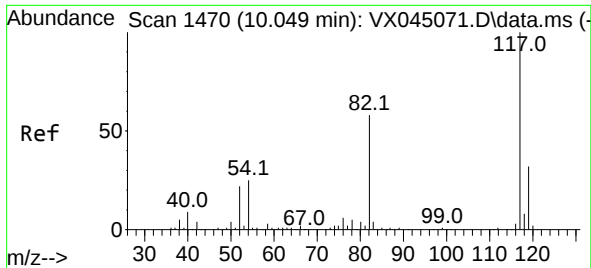


#62
4-Bromofluorobenzene
Concen: 51.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



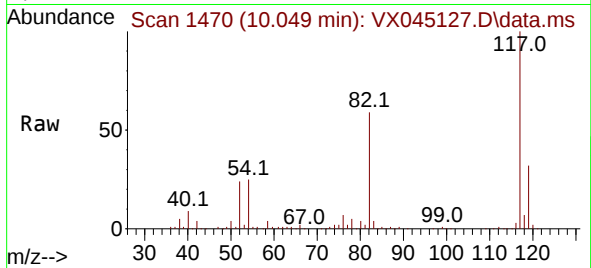
Tgt Ion: 95 Resp: 78409
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.2
176 71.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

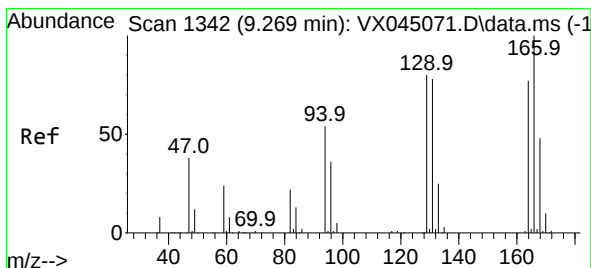
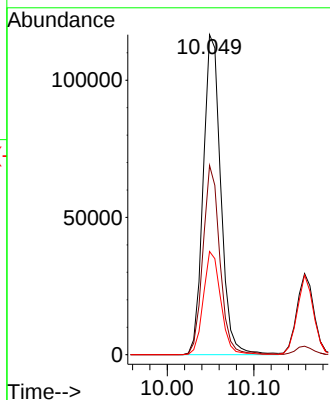
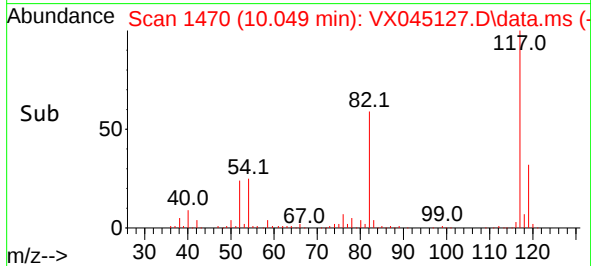
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 16420
Ion Ratio Lower Upper
117 100
82 59.1 46.3 69.5
119 32.3 25.7 38.5

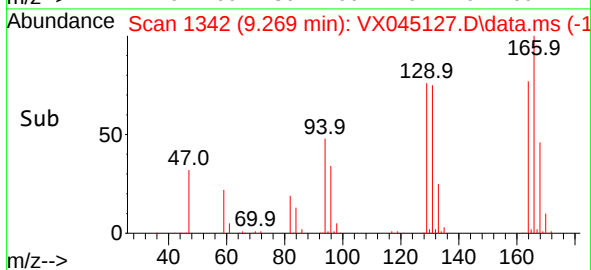
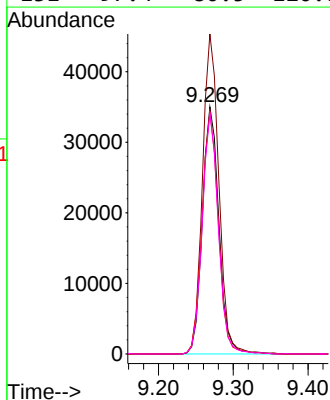
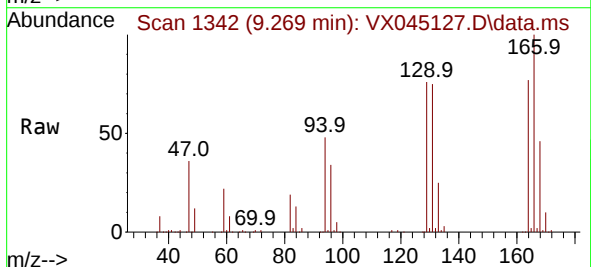
Manual Integrations
APPROVED

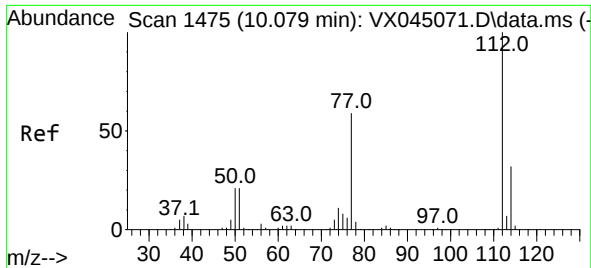
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#64
Tetrachloroethene
Concen: 51.190 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

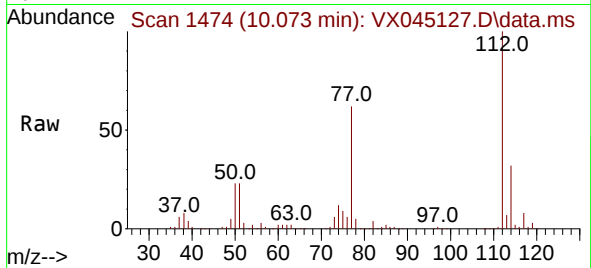
Tgt Ion:164 Resp: 53835
Ion Ratio Lower Upper
164 100
166 129.5 103.6 155.4
129 98.2 82.7 124.1
131 97.4 80.5 120.7





#65
Chlorobenzene
Concen: 49.344 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

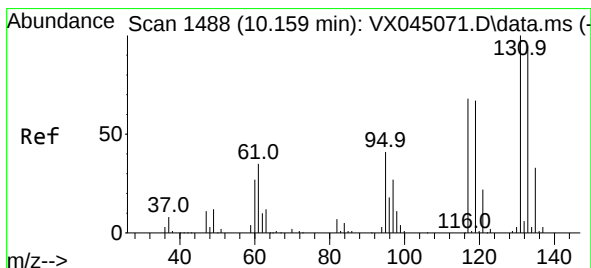
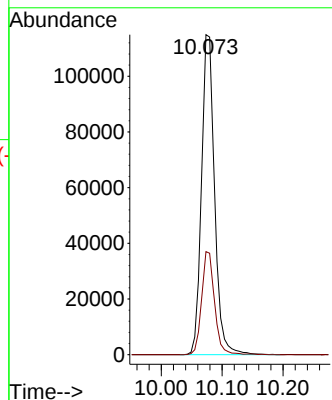
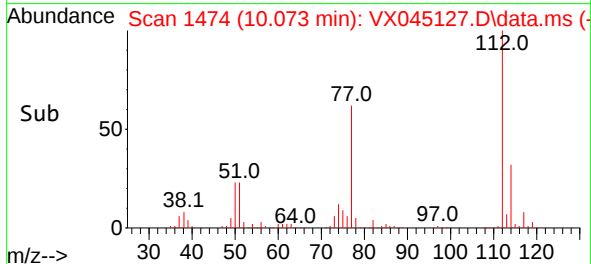
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



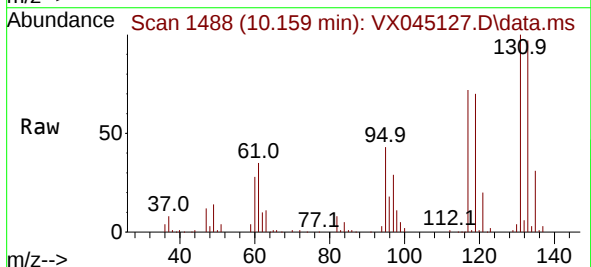
Tgt Ion:112 Resp: 171449
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

Manual Integrations
APPROVED

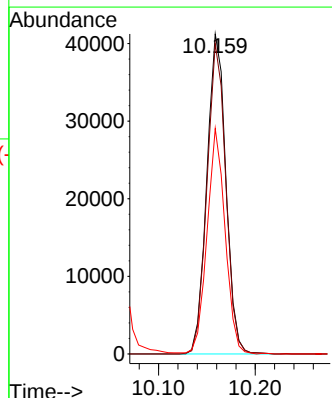
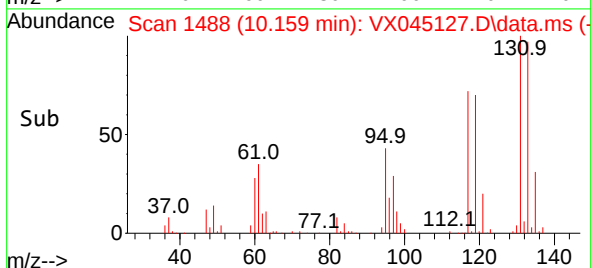
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

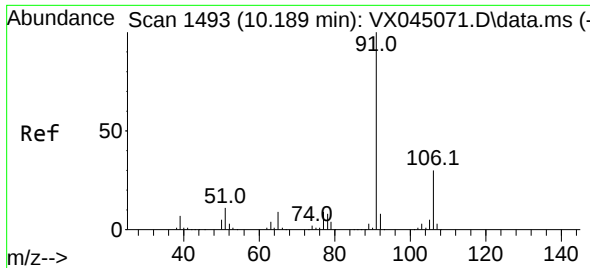


#66
1,1,1,2-Tetrachloroethane
Concen: 48.866 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



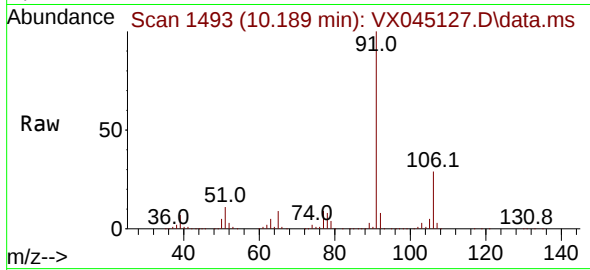
Tgt Ion:131 Resp: 56543
Ion Ratio Lower Upper
131 100
133 95.7 48.6 145.9
119 67.0 33.9 101.7





#67
Ethyl Benzene
Concen: 50.920 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

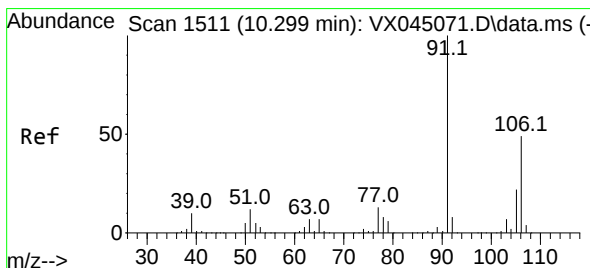
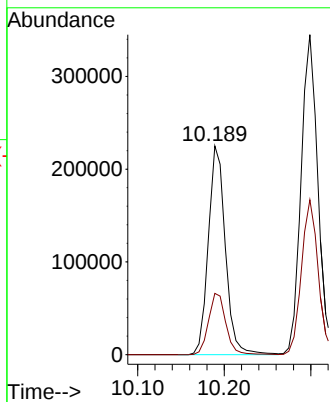
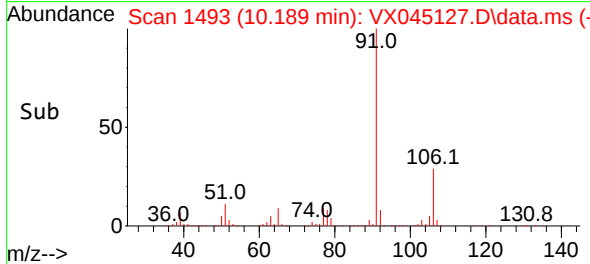
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 30828
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

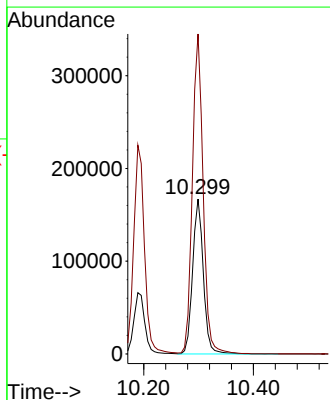
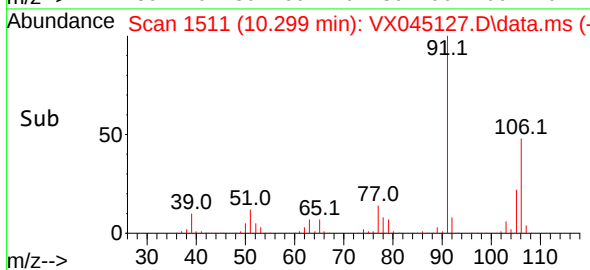
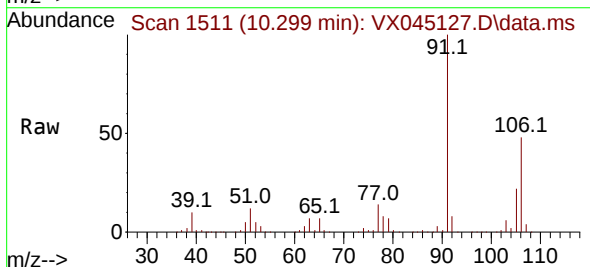
Manual Integrations
APPROVED

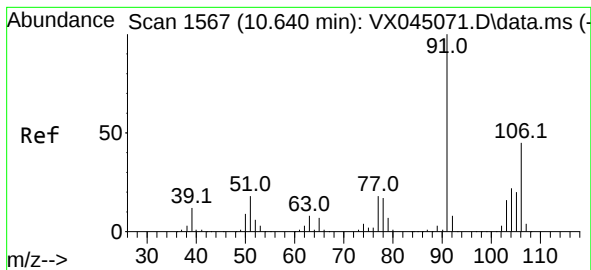
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#68
m/p-Xylenes
Concen: 102.932 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion:106 Resp: 228130
Ion Ratio Lower Upper
106 100
91 206.7 165.4 248.0





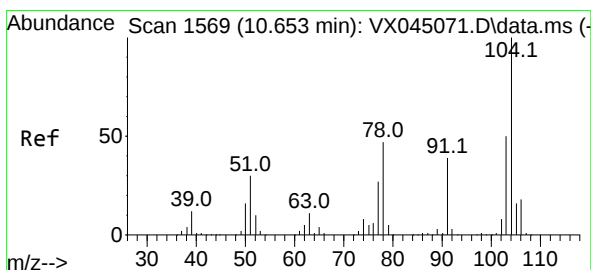
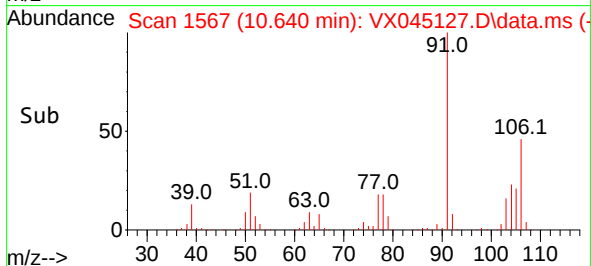
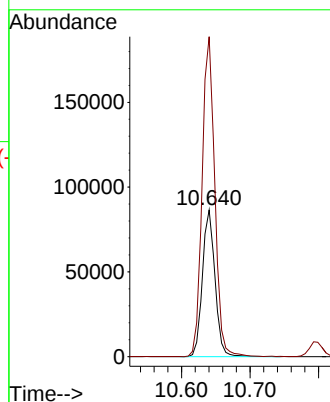
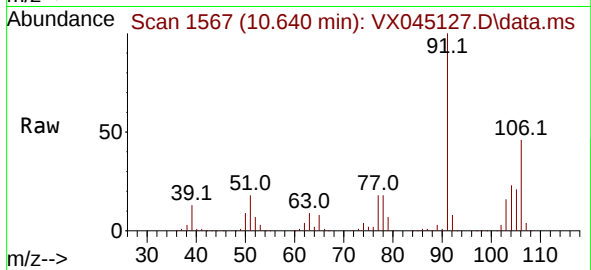
#69
o-Xylene
Concen: 49.692 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 111070
Ion Ratio Lower Upper
106 100
91 218.6 109.9 329.6

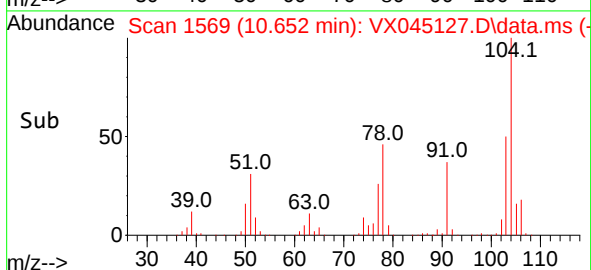
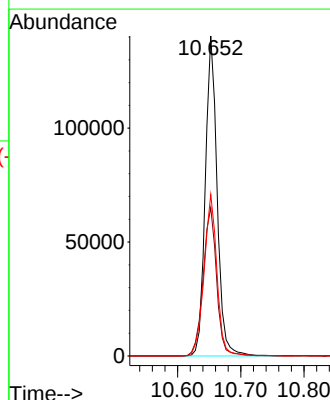
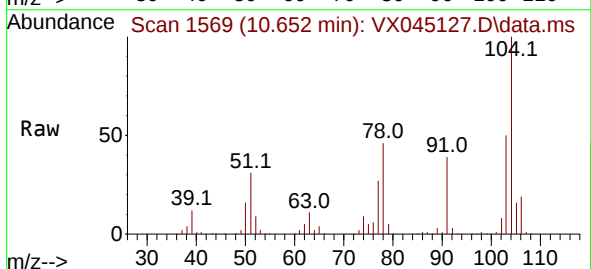
Manual Integrations
APPROVED

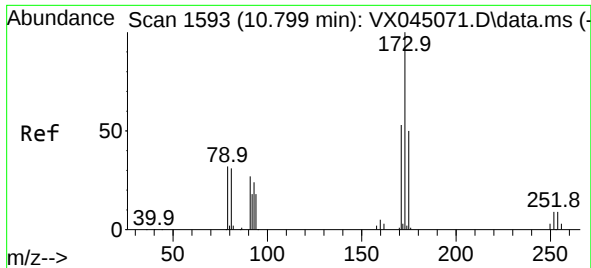
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#70
Styrene
Concen: 50.763 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

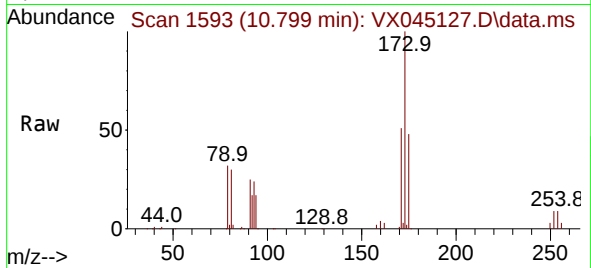
Tgt Ion:104 Resp: 183603
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.9 43.8 65.8





#71
Bromoform
Concen: 51.176 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

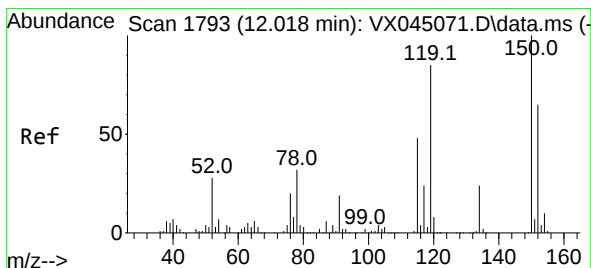
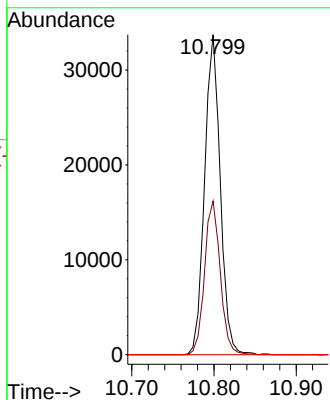
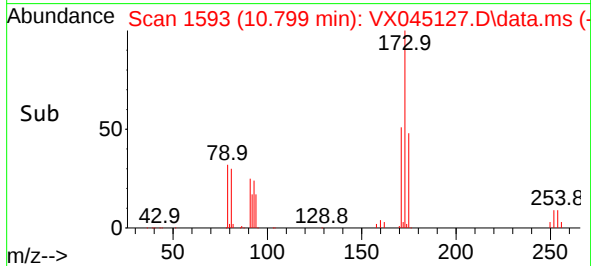
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



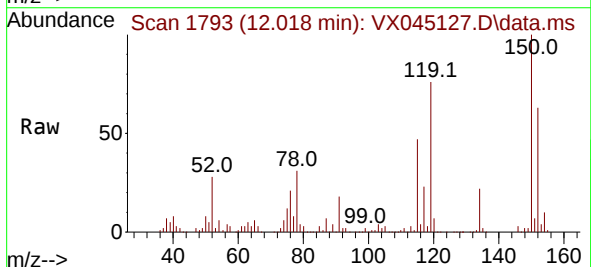
Tgt Ion:173 Resp: 44654
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

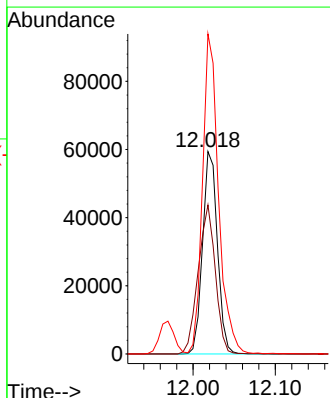
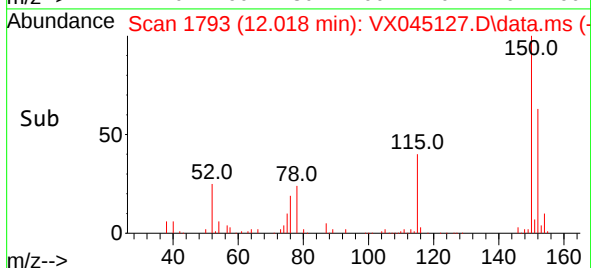
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

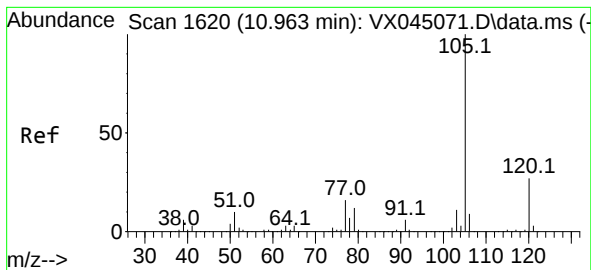


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



Tgt Ion:152 Resp: 74481
Ion Ratio Lower Upper
152 100
115 85.2 44.2 132.6
150 170.7 0.0 349.0





#73

Isopropylbenzene

Concen: 49.882 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 289980

Ion Ratio Lower Upper

105 100

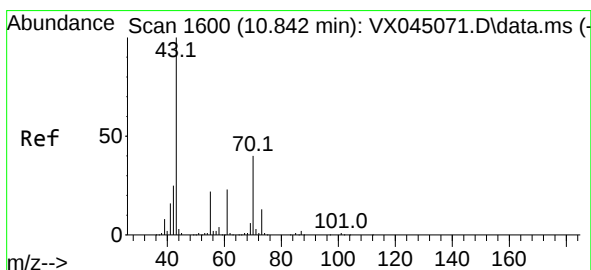
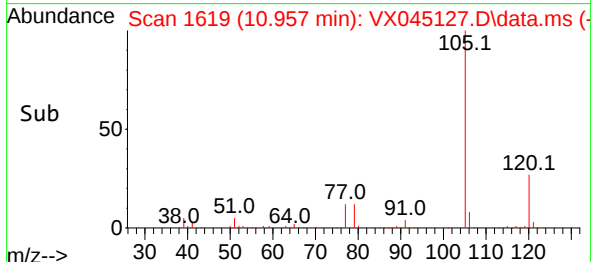
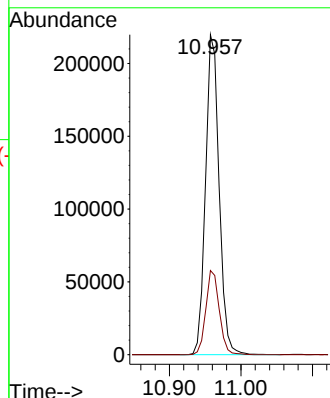
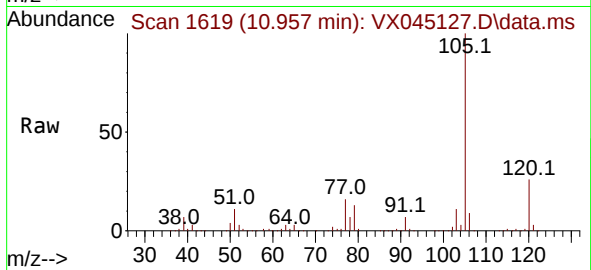
120 26.1 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#74

N-ethyl acetate

Concen: 49.015 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Tgt Ion: 43 Resp: 133706

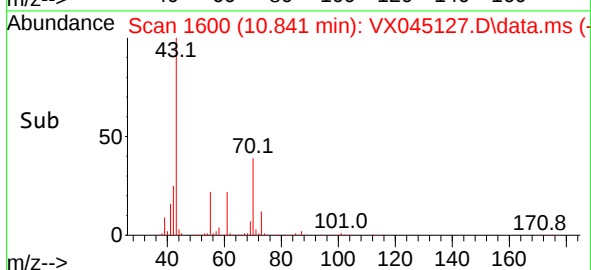
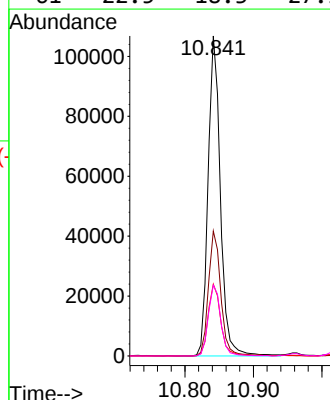
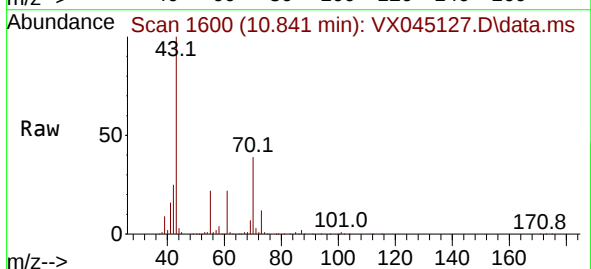
Ion Ratio Lower Upper

43 100

70 39.3 31.8 47.6

55 22.9 18.3 27.5

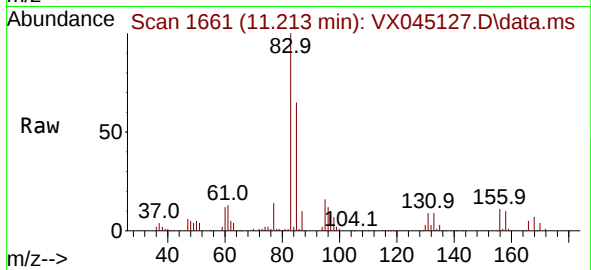
61 22.5 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 45.510 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

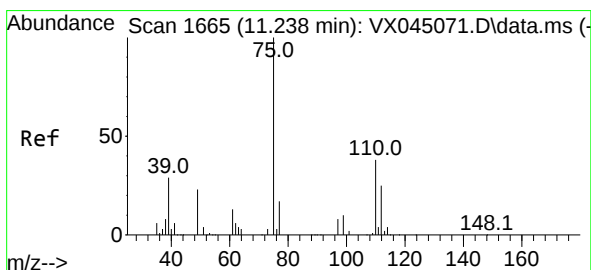
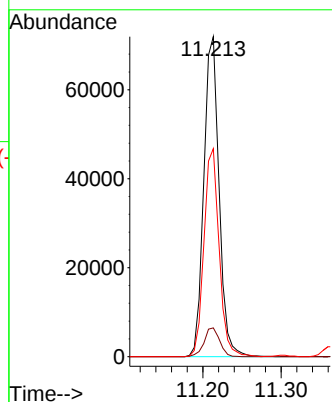
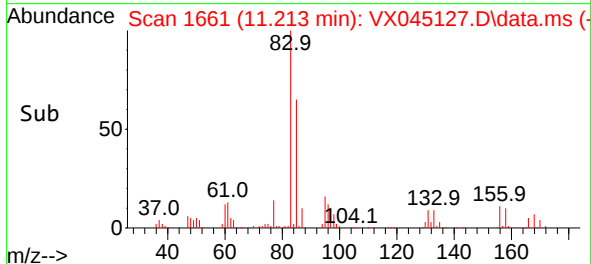
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9708
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 64.8 31.7 95.1

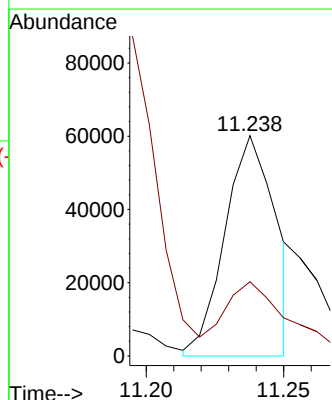
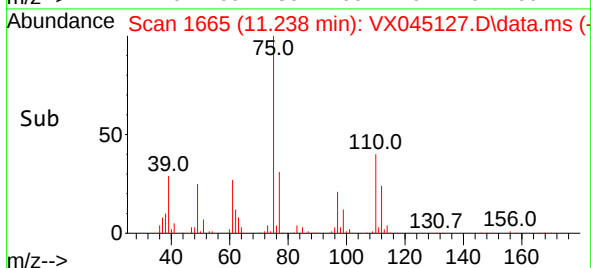
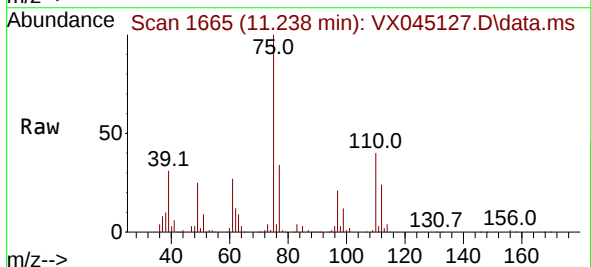
Manual Integrations
APPROVED

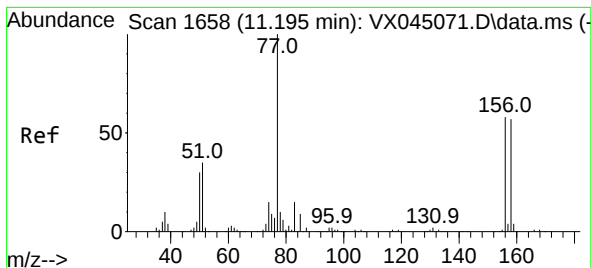
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#76
1,2,3-Trichloropropane
Concen: 44.663 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 75 Resp: 77426
Ion Ratio Lower Upper
75 100
77 43.0 20.7 62.1





#77

Bromobenzene

Concen: 48.083 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

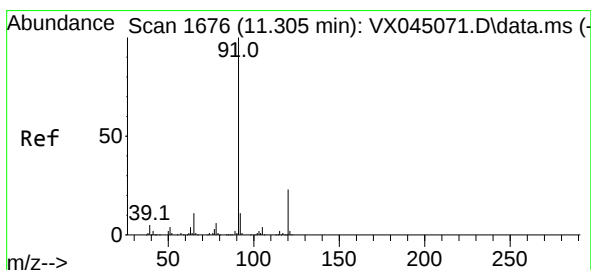
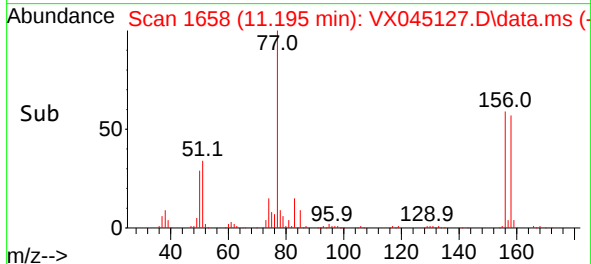
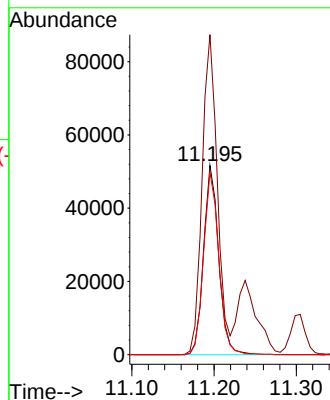
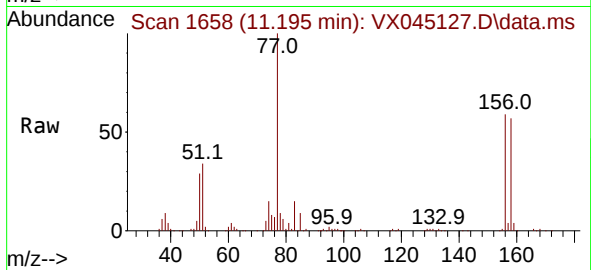
Tgt Ion:	156	Resp:	65952
Ion Ratio	Lower	Upper	
156	100		
77	169.8	85.8	257.4
158	97.1	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#78

n-propylbenzene

Concen: 51.552 ug/l

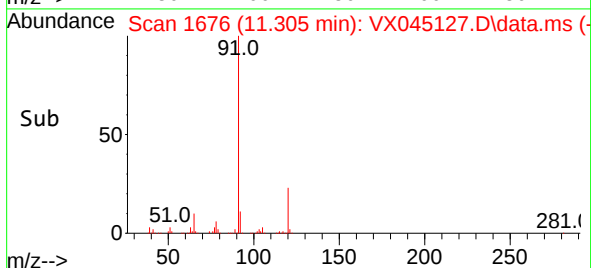
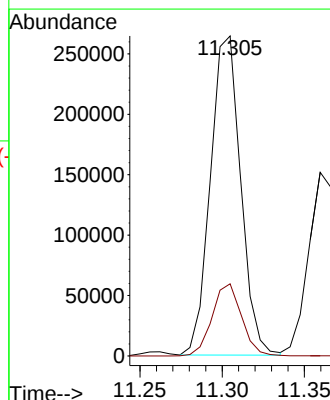
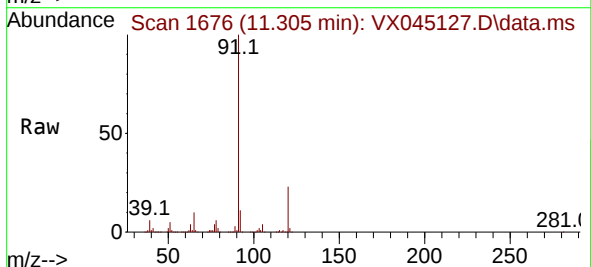
RT: 11.305 min Scan# 1676

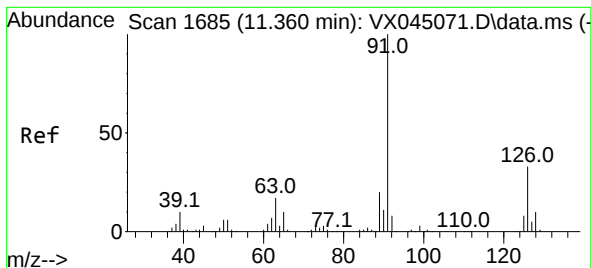
Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Tgt Ion:	91	Resp:	338544
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.2	33.6





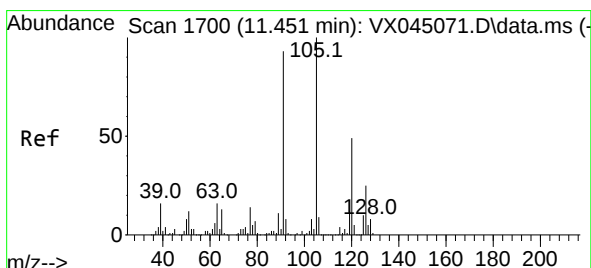
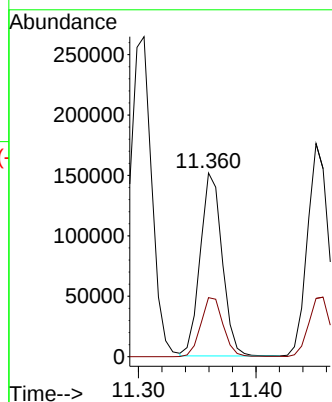
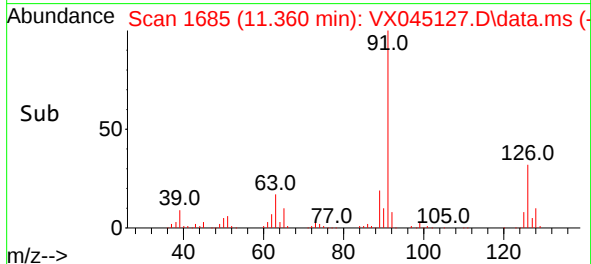
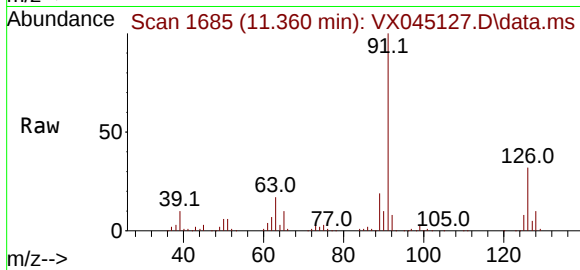
#79
2-Chlorotoluene
Concen: 47.083 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 196917
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

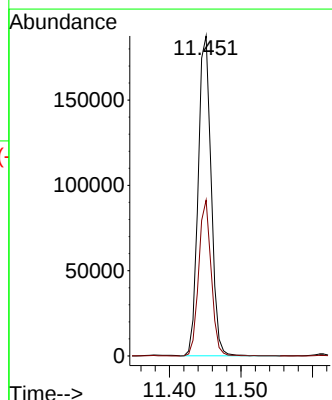
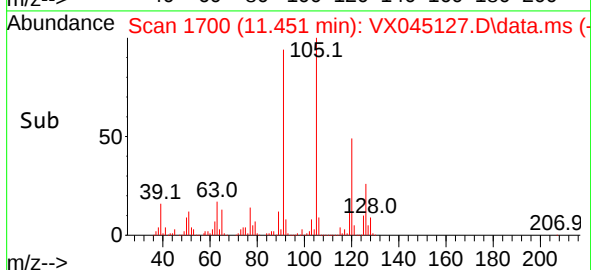
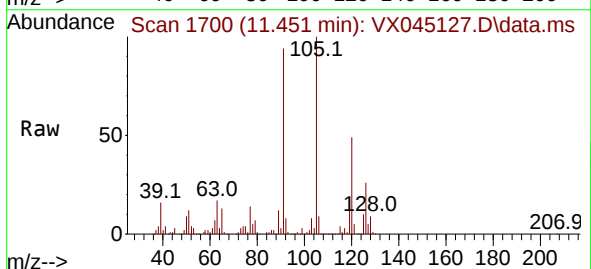
Manual Integrations
APPROVED

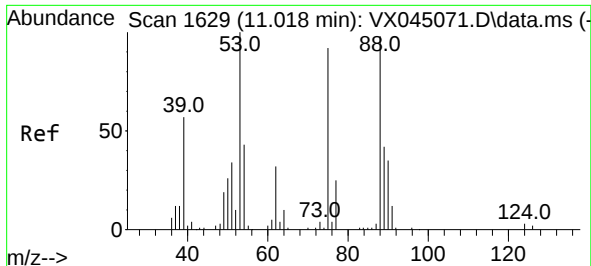
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.163 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion:105 Resp: 235799
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





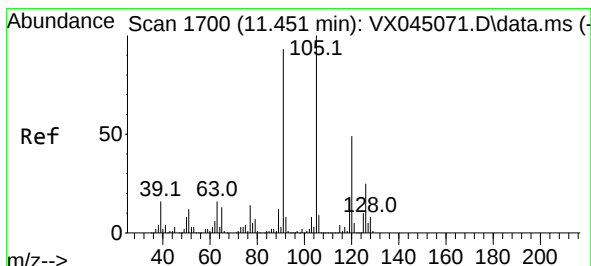
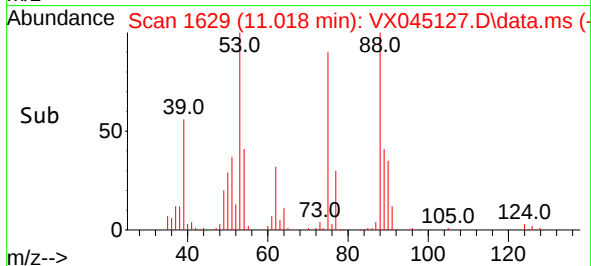
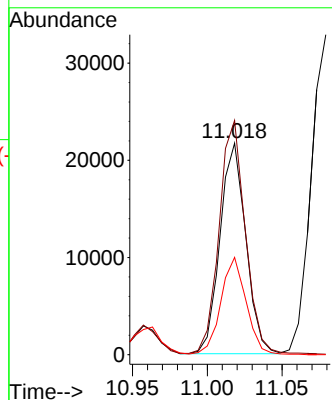
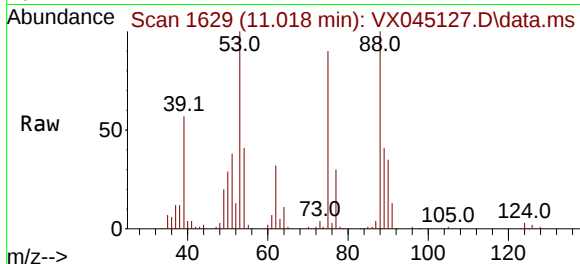
#81
trans-1,4-Dichloro-2-butene
Concen: 51.395 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26035
Ion Ratio Lower Upper
75 100
53 113.7 88.5 132.7
89 45.5 36.2 54.4

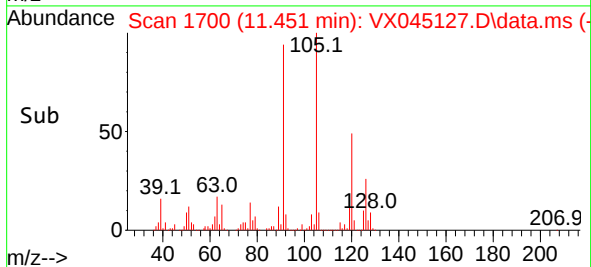
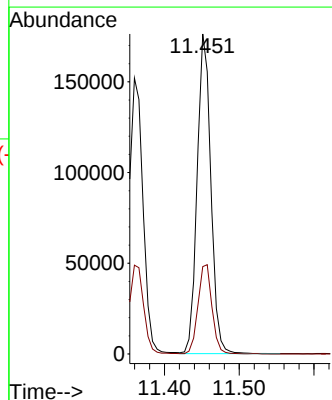
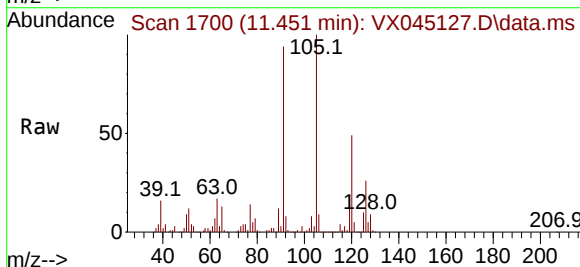
Manual Integrations
APPROVED

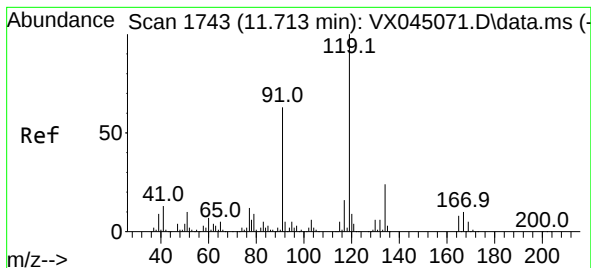
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#82
4-Chlorotoluene
Concen: 49.137 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion: 91 Resp: 223976
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.4





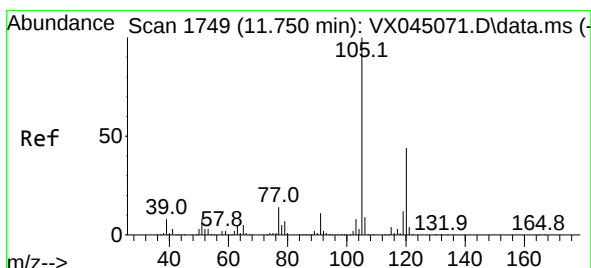
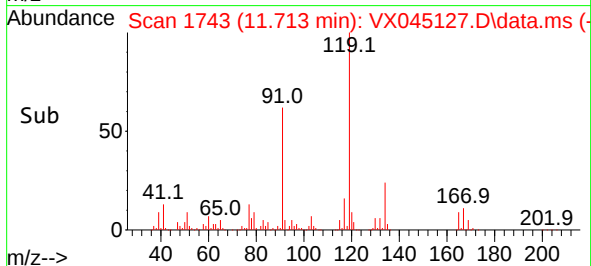
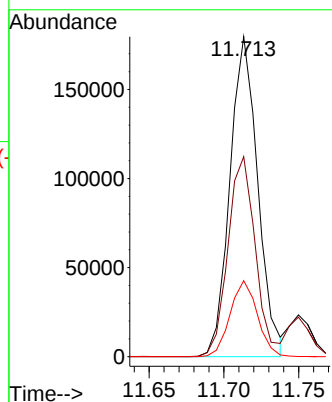
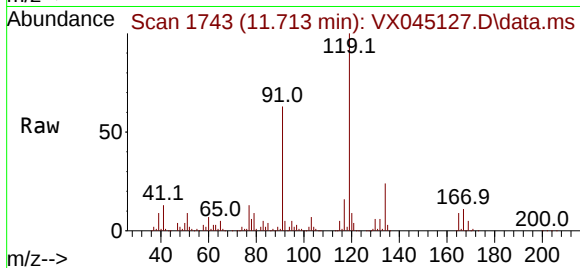
#83
tert-Butylbenzene
Concen: 48.210 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 232849
Ion Ratio Lower Upper
119 100
91 61.5 30.7 92.1
134 23.3 11.7 35.0

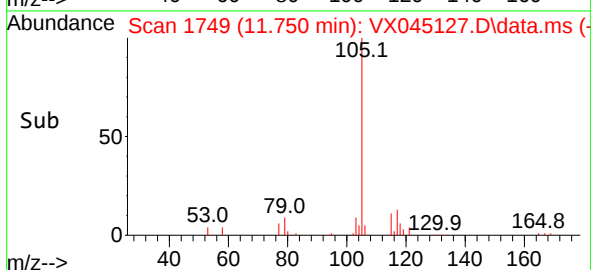
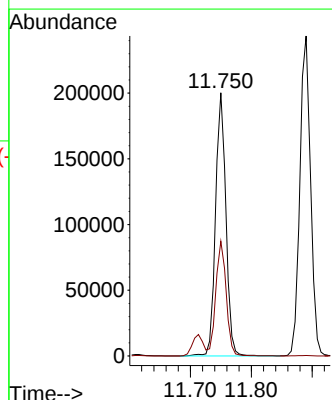
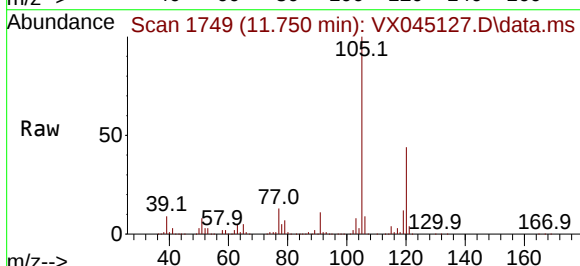
Manual Integrations
APPROVED

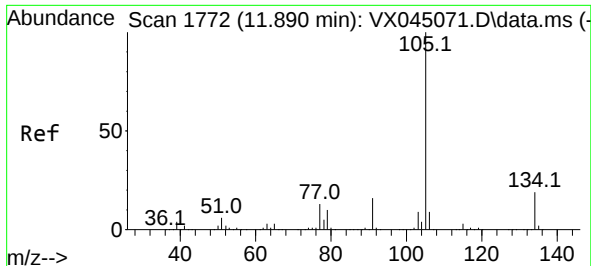
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#84
1,2,4-Trimethylbenzene
Concen: 49.949 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

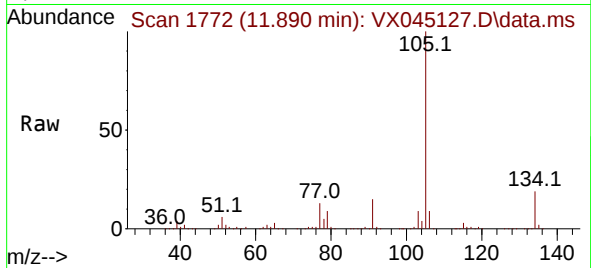
Tgt Ion:105 Resp: 236246
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





#85
sec-Butylbenzene
Concen: 51.530 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

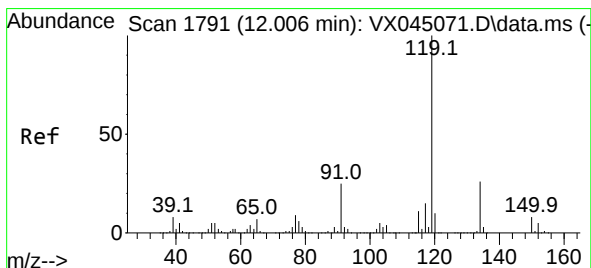
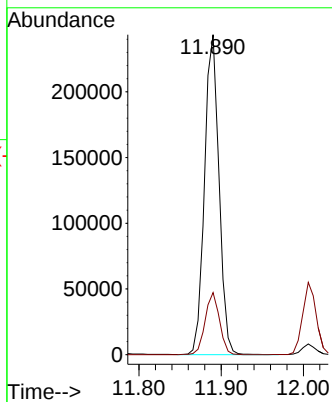
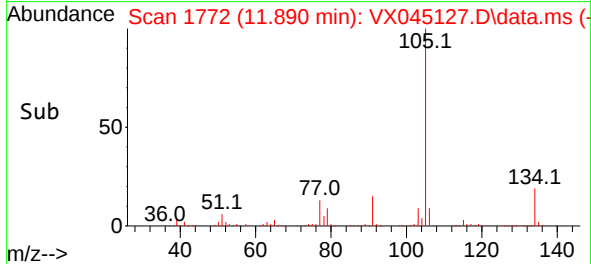
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 29812
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

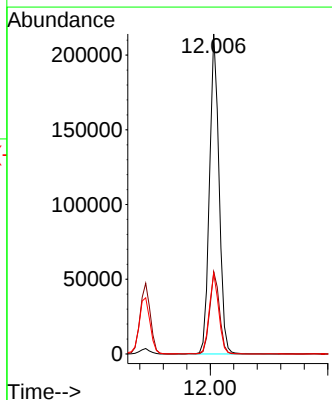
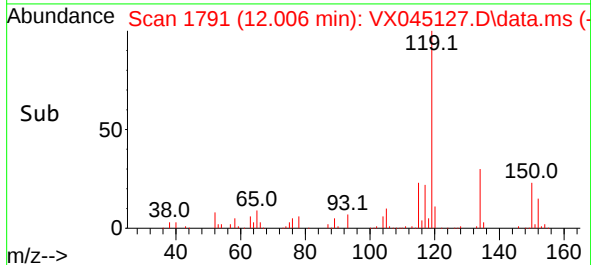
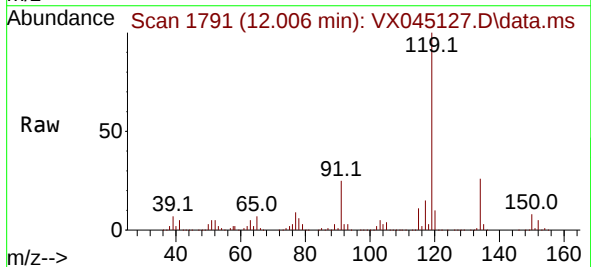
Manual Integrations
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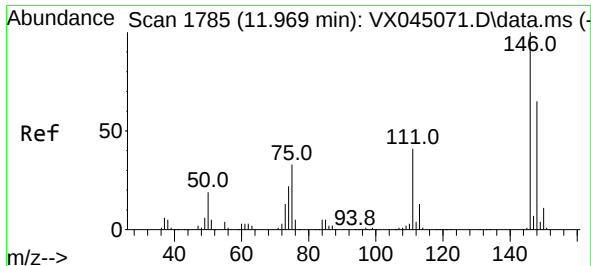
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#86
p-Isopropyltoluene
Concen: 51.761 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

Tgt Ion:119 Resp: 242004
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.6
91 25.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 48.641 ug/l

RT: 11.969 min Scan# 11902

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11902

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.4

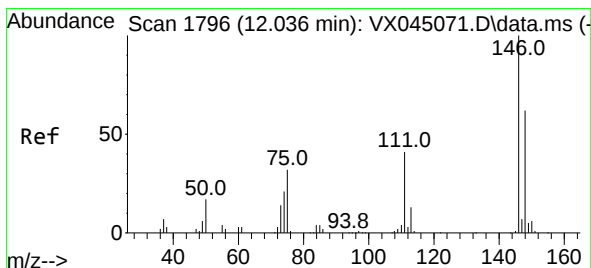
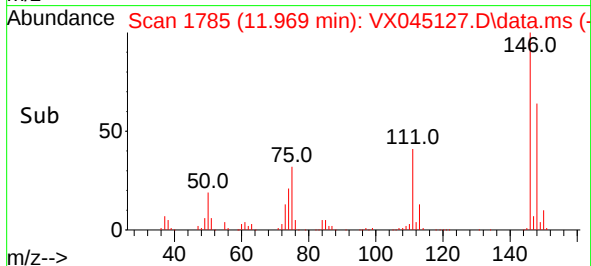
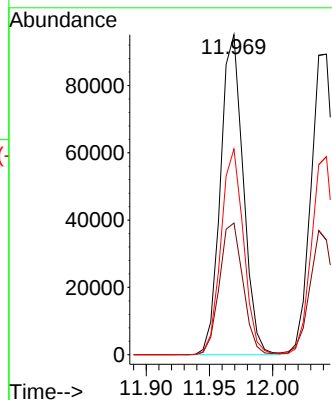
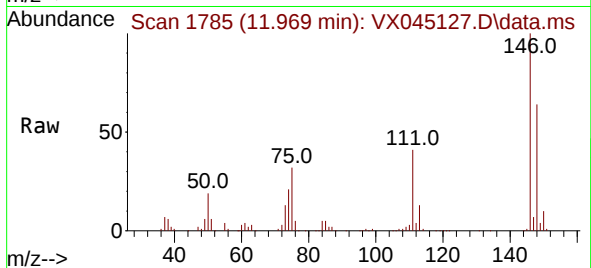
148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#88

1,4-Dichlorobenzene

Concen: 47.680 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

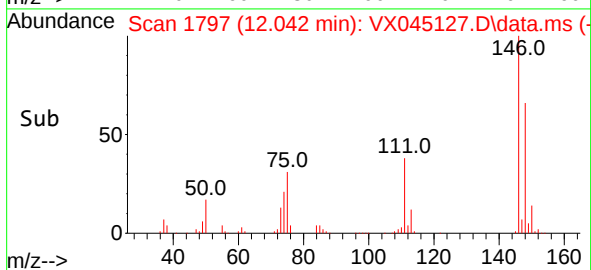
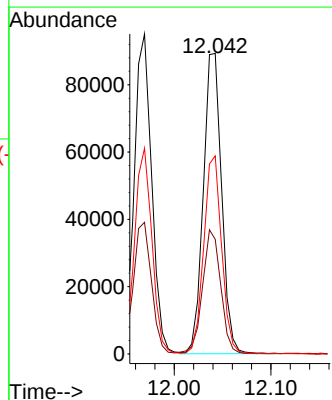
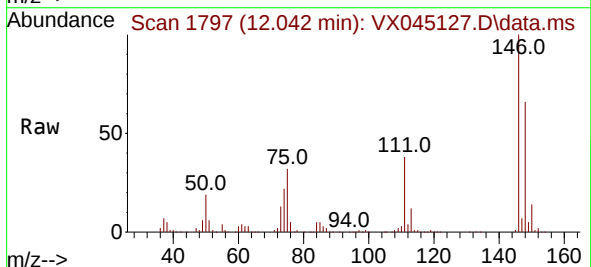
Tgt Ion:146 Resp: 118036

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 55.132 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045127.D

Acq: 05 Mar 2025 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 222008

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

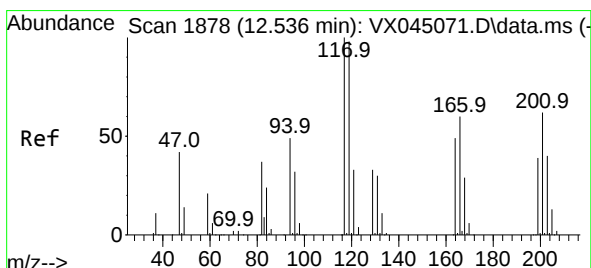
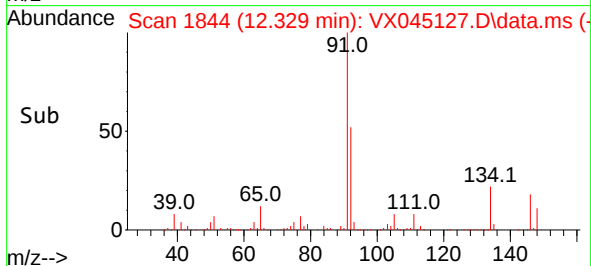
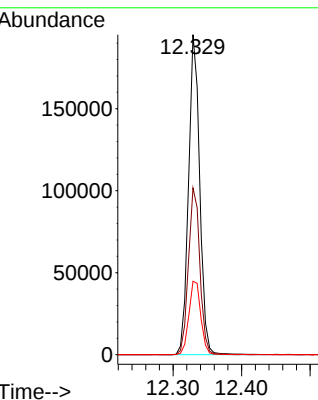
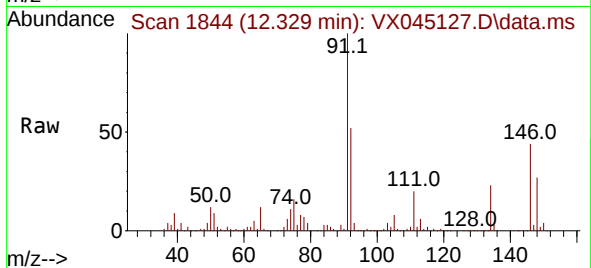
134 24.5 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#90

Hexachloroethane

Concen: 49.734 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045127.D

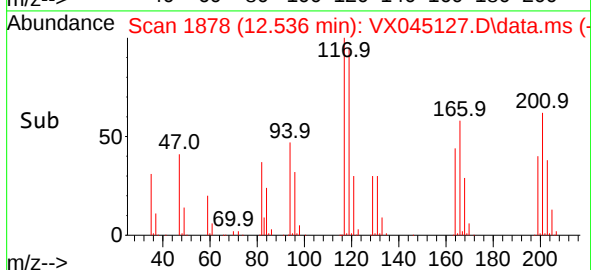
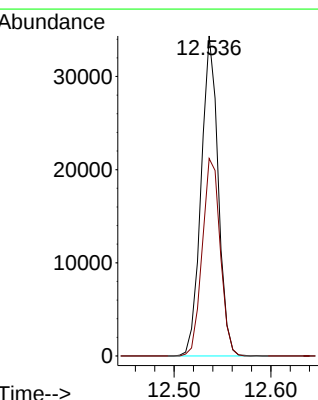
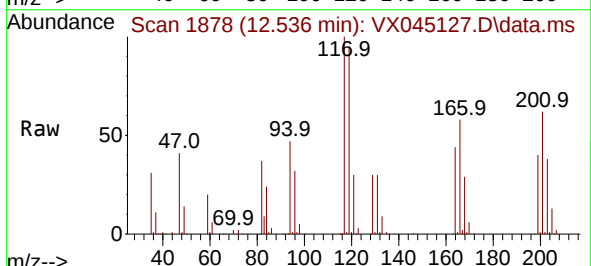
Acq: 05 Mar 2025 09:12

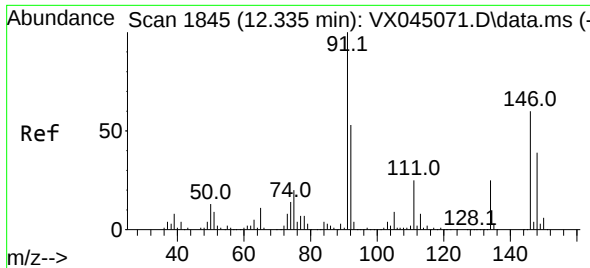
Tgt Ion:117 Resp: 42059

Ion Ratio Lower Upper

117 100

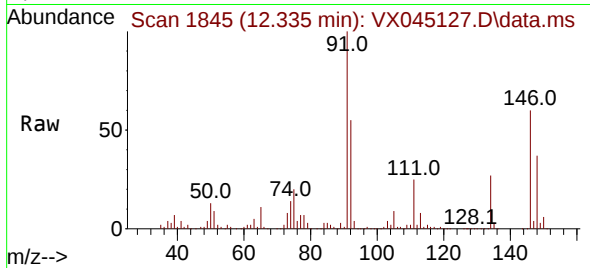
201 65.0 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 49.543 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

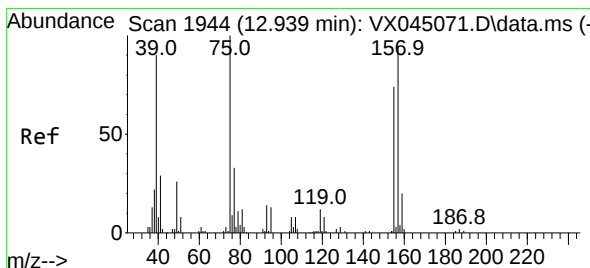
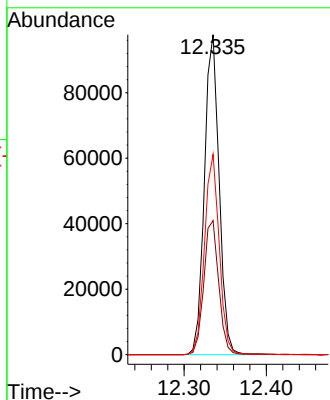
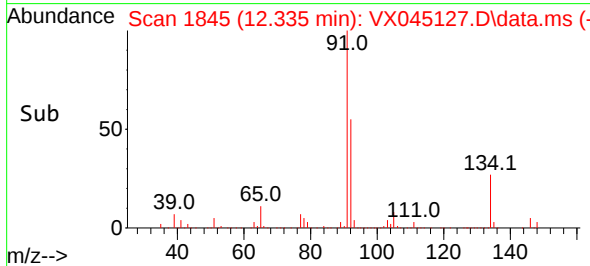
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



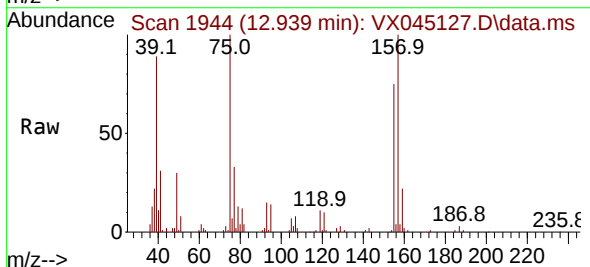
Tgt Ion:146 Resp: 121609
Ion Ratio Lower Upper
146 100
111 42.6 21.6 65.0
148 62.7 31.9 95.9

Manual Integrations
APPROVED

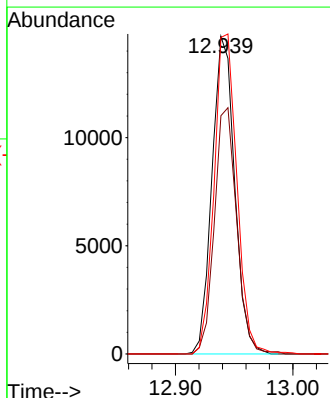
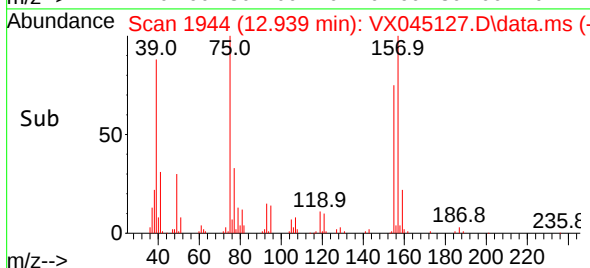
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

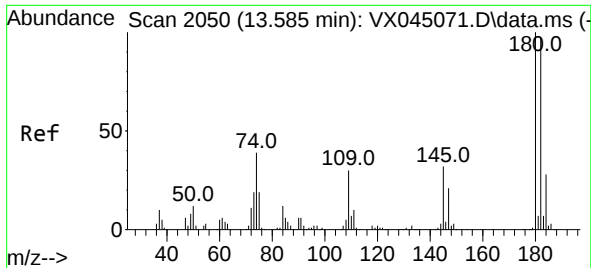


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.340 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



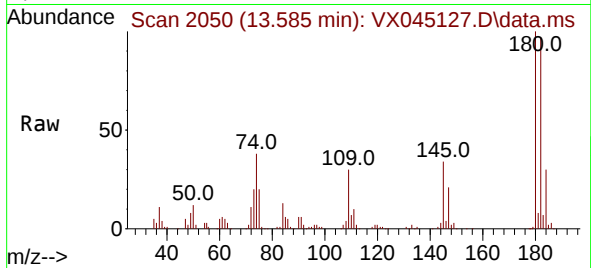
Tgt Ion: 75 Resp: 19675
Ion Ratio Lower Upper
75 100
155 76.3 39.6 118.7
157 101.6 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 52.807 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

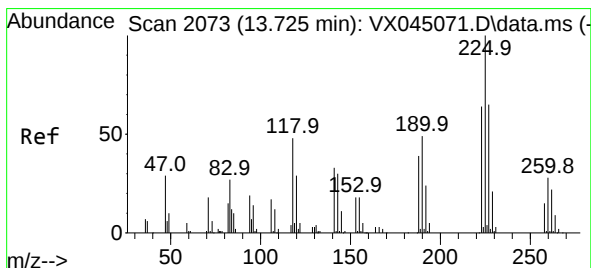
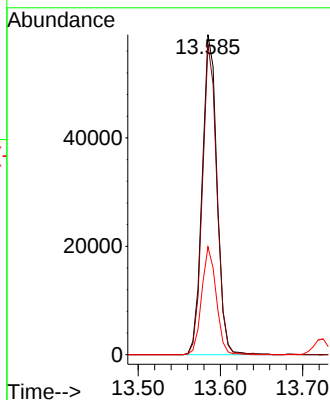
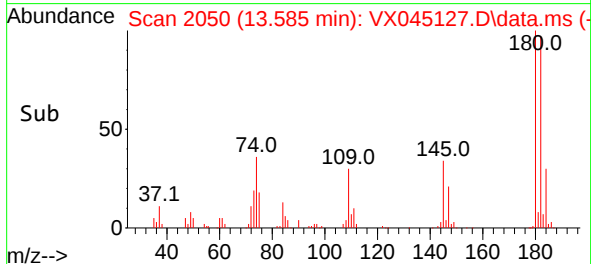
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



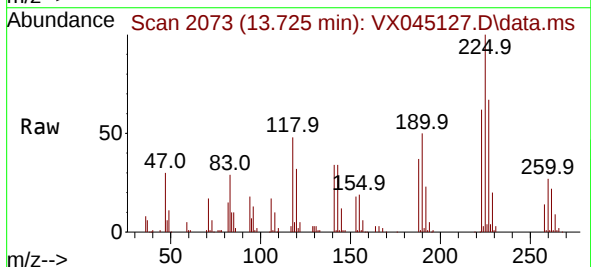
Tgt Ion:180 Resp: 7380
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 32.9 16.3 48.9

Manual Integrations
APPROVED

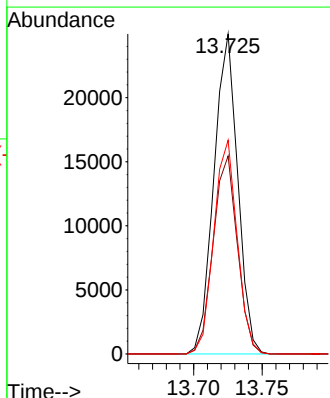
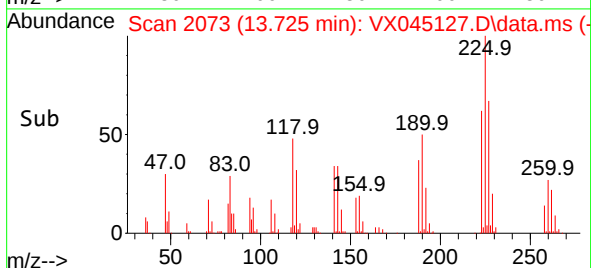
Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

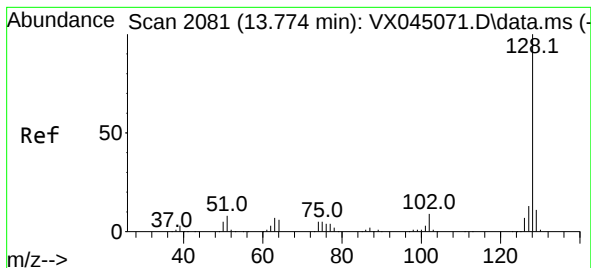


#94
Hexachlorobutadiene
Concen: 52.591 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



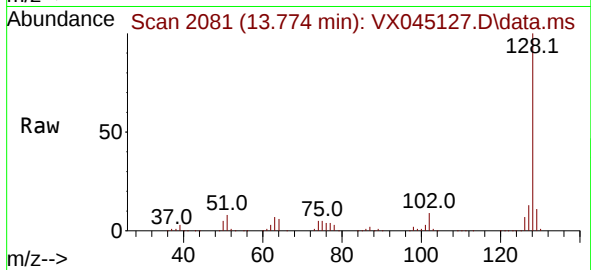
Tgt Ion:225 Resp: 30136
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 65.7 31.4 94.0





#95
Naphthalene
Concen: 50.230 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12

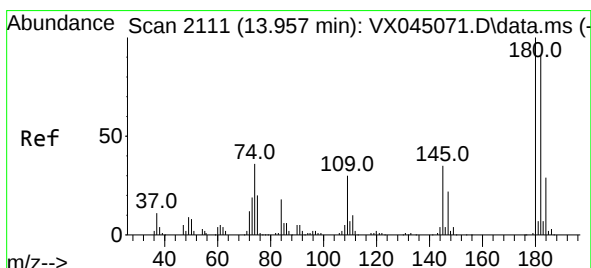
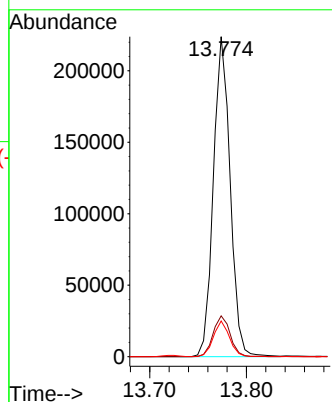
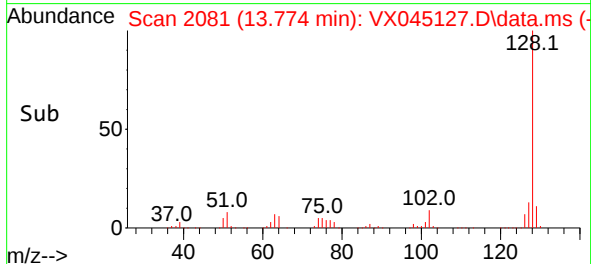
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



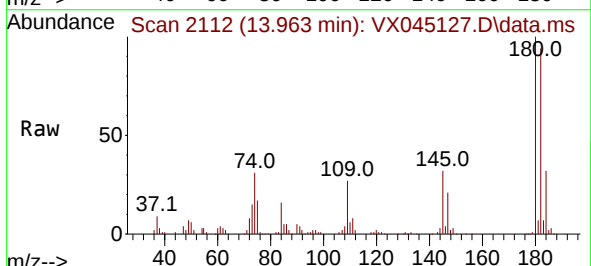
Tgt Ion:128 Resp: 269735
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.306 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045127.D
Acq: 05 Mar 2025 09:12



Tgt Ion:180 Resp: 75650
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 34.3 17.0 50.9

