

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021400.D
 Acq On : 04 Mar 2025 11:06
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 05 03:00:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	244207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	369748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	161237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	249506	96.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.340%#	
35) Dibromofluoromethane	7.640	113	245300	100.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.860%#	
50) Toluene-d8	10.115	98	953319	103.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 207.200%#	
62) 4-Bromofluorobenzene	12.414	95	320008	102.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 204.460%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	214851	95.873	ug/l	98
3) Chloromethane	2.074	50	297027	94.011	ug/l	99
4) Vinyl Chloride	2.208	62	344887	99.889	ug/l	98
5) Bromomethane	2.598	94	236127	94.624	ug/l	99
6) Chloroethane	2.739	64	223479	97.944	ug/l	97
7) Trichlorofluoromethane	3.068	101	470472	97.624	ug/l	99
8) Diethyl Ether	3.464	74	129160	96.710	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	264663	96.189	ug/l	99
10) Methyl Iodide	4.013	142	306871	109.719	ug/l	100
11) Tert butyl alcohol	4.872	59	74090	460.479	ug/l	99
12) 1,1-Dichloroethene	3.799	96	250255	99.762	ug/l	99
13) Acrolein	3.659	56	10283	78.325	ug/l	89
14) Allyl chloride	4.397	41	413704	102.051	ug/l	99
15) Acrylonitrile	5.067	53	271919	478.287	ug/l	98
16) Acetone	3.872	43	252046	447.711	ug/l	94
17) Carbon Disulfide	4.116	76	790255	100.521	ug/l	100
18) Methyl Acetate	4.391	43	119905	95.992	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	634643	99.817	ug/l	100
20) Methylene Chloride	4.628	84	258664	87.531	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	278418	99.104	ug/l	96
22) Diisopropyl ether	6.025	45	878111	100.510	ug/l	97
23) Vinyl Acetate	5.970	43	2520516	505.518	ug/l	100
24) 1,1-Dichloroethane	5.921	63	505607	98.056	ug/l	99
25) 2-Butanone	6.902	43	363091	466.248	ug/l	100
26) 2,2-Dichloropropane	6.890	77	466669	98.362	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	321461	100.724	ug/l	99
28) Bromochloromethane	7.250	49	208133	96.281	ug/l	99
29) Tetrahydrofuran	7.268	42	228343	474.960	ug/l	99
30) Chloroform	7.427	83	520812	97.270	ug/l	97
31) Cyclohexane	7.707	56	460568	95.275	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	480163	97.941	ug/l	100
36) 1,1-Dichloropropene	7.841	75	388384	102.089	ug/l	99
37) Ethyl Acetate	6.994	43	162380	94.621	ug/l	98
38) Carbon Tetrachloride	7.823	117	439762	100.510	ug/l	98
39) Methylcyclohexane	9.115	83	503172	107.827	ug/l	98
40) Benzene	8.085	78	1138841	101.621	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	95564	102.238	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	305782	97.534	ug/l	100
43) Isopropyl Acetate	8.201	43	327171	100.231	ug/l	99
44) Trichloroethene	8.872	130	284312	100.395	ug/l	97
45) 1,2-Dichloropropane	9.146	63	264690	99.238	ug/l	97
46) Dibromomethane	9.237	93	146713	98.859	ug/l	100
47) Bromodichloromethane	9.426	83	395676	100.395	ug/l	99
48) Methyl methacrylate	9.225	41	156771	103.582	ug/l	100
49) 1,4-Dioxane	9.237	88	29902	2052.779	ug/l	97
51) 4-Methyl-2-Pentanone	10.006	43	850519	504.998	ug/l	100
52) Toluene	10.176	92	737467	104.377	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	365825	105.356	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	428305	103.894	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	191894	98.848	ug/l	99
56) Ethyl methacrylate	10.444	69	271599	109.699	ug/l	98
57) 1,3-Dichloropropane	10.725	76	334146	99.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	600796	525.670	ug/l	100
59) 2-Hexanone	10.768	43	575211	516.516	ug/l	100
60) Dibromochloromethane	10.914	129	268359	100.834	ug/l	100
61) 1,2-Dibromoethane	11.024	107	183206	99.993	ug/l	99
64) Tetrachloroethene	10.652	164	265100	100.033	ug/l	97
65) Chlorobenzene	11.450	112	776963	100.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	275635	101.302	ug/l	99
67) Ethyl Benzene	11.524	91	1439764	106.585	ug/l	100
68) m/p-Xylenes	11.633	106	1085642	211.694	ug/l	99
69) o-Xylene	11.962	106	507619	107.399	ug/l	100
70) Styrene	11.975	104	851456	108.590	ug/l	99
71) Bromoform	12.139	173	154505	101.579	ug/l	99
73) Isopropylbenzene	12.261	105	1364499	107.432	ug/l	99
74) N-amyl acetate	12.078	43	298318	108.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	215229	96.028	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	287539	176.973	ug/l #	100
77) Bromobenzene	12.536	156	301928	101.611	ug/l	99
78) n-propylbenzene	12.603	91	1627111	105.485	ug/l	100
79) 2-Chlorotoluene	12.688	91	910543	103.236	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1087821	105.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	73701	103.120	ug/l	97
82) 4-Chlorotoluene	12.786	91	945021	103.470	ug/l	99
83) tert-Butylbenzene	13.005	119	998366	108.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1081299	105.512	ug/l	99
85) sec-Butylbenzene	13.182	105	1441675	105.232	ug/l	99
86) p-Isopropyltoluene	13.298	119	1212941	107.466	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	593203	100.292	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	575089	99.419	ug/l	99
89) n-Butylbenzene	13.621	91	1139920	109.374	ug/l	99
90) Hexachloroethane	13.889	117	244664	101.612	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	505733	99.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31708	94.443	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	298684	107.869	ug/l	98
94) Hexachlorobutadiene	15.029	225	182747	105.287	ug/l	100
95) Naphthalene	15.151	128	506570	97.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	248728	106.805	ug/l	99

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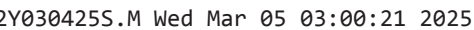
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MSVOA_Y
ClientSampleId :
VSTDICC100

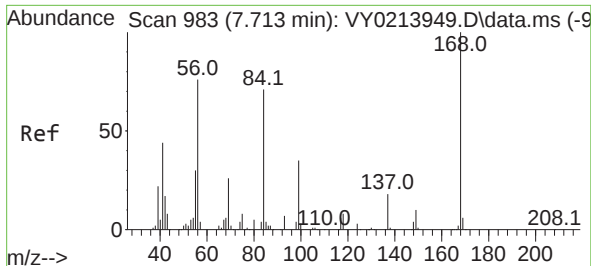
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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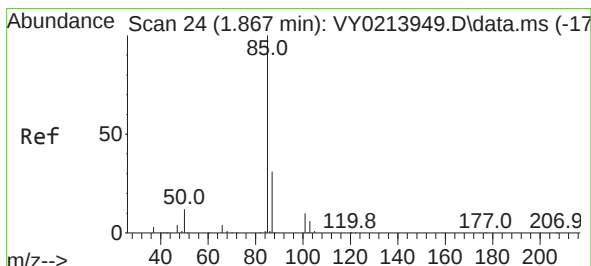
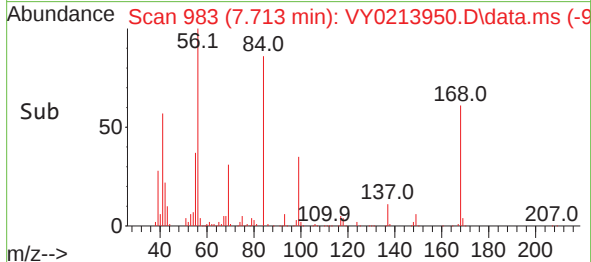
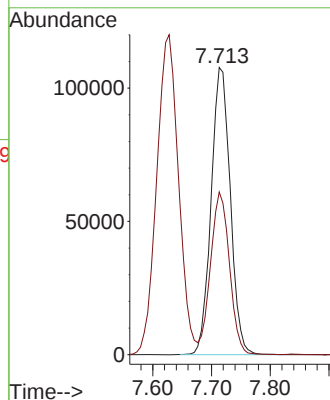
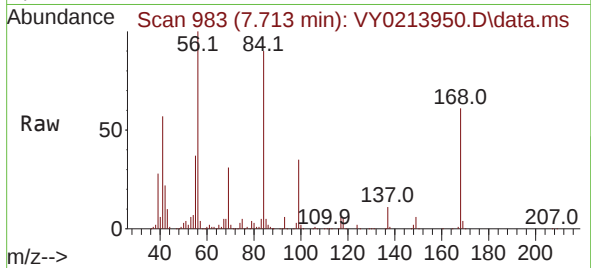




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

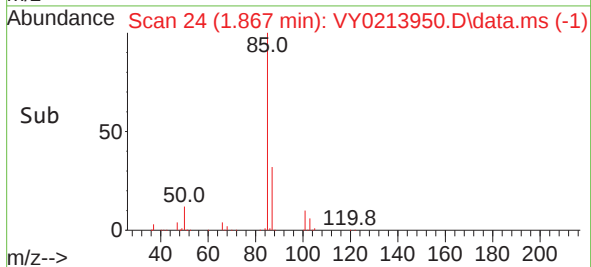
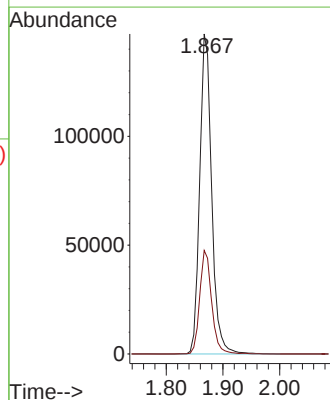
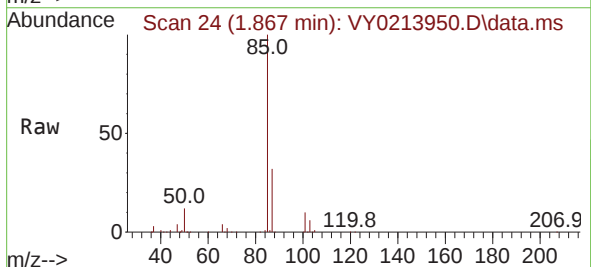
Instrument :
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ClientSampleId :
VSTDIC100

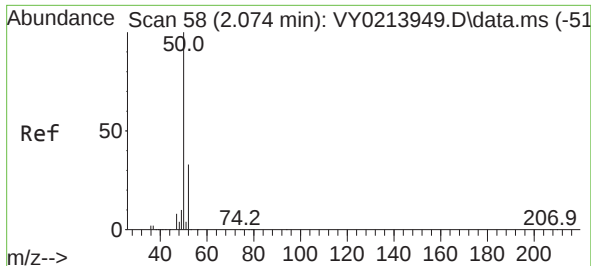
Tgt Ion:168 Resp: 244207
Ion Ratio Lower Upper
168 100
99 56.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 95.873 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 85 Resp: 214851
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

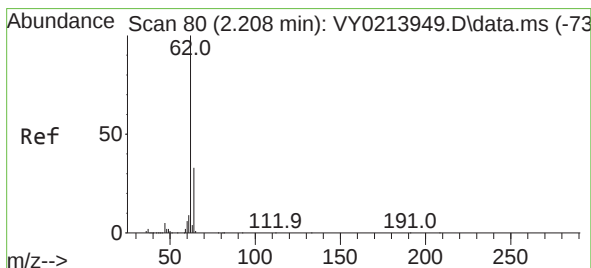
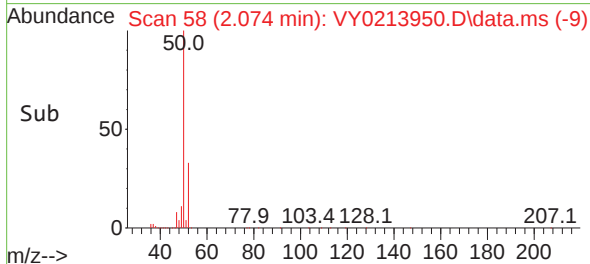
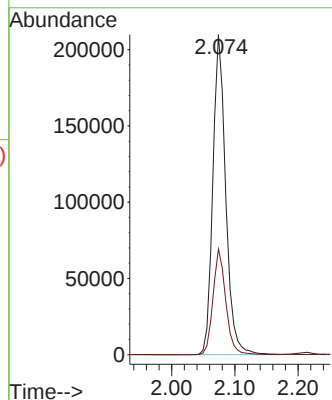
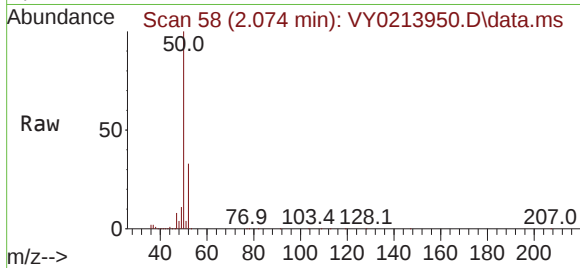




#3
Chloromethane
Concen: 94.011 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

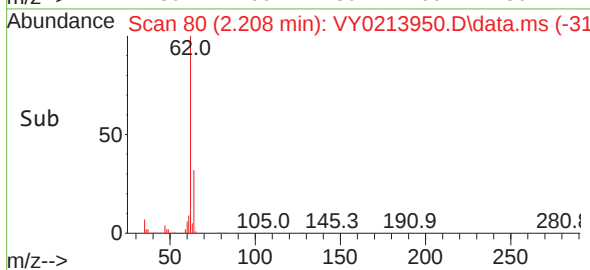
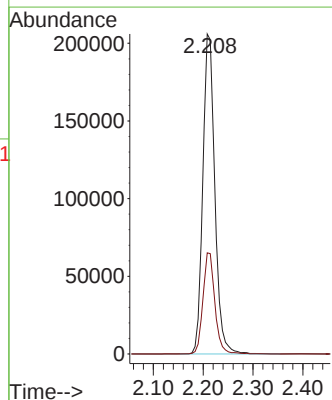
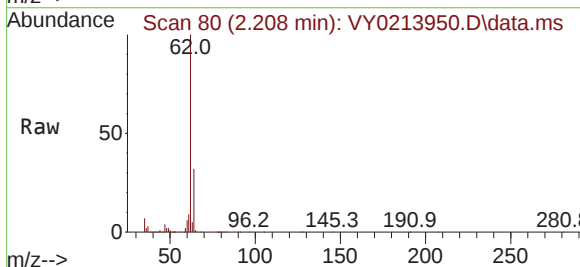
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ClientSampleId :
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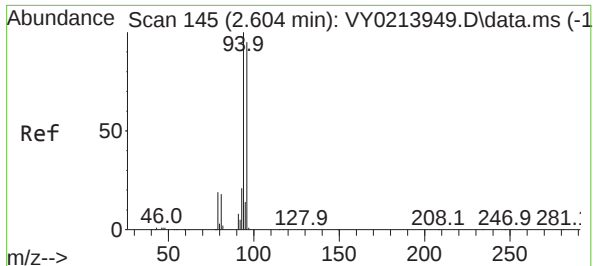
Tgt Ion: 50 Resp: 297027
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 99.889 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 62 Resp: 344887
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

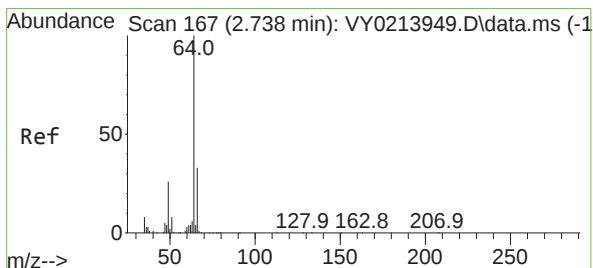
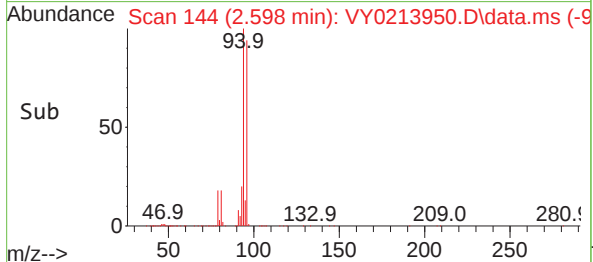
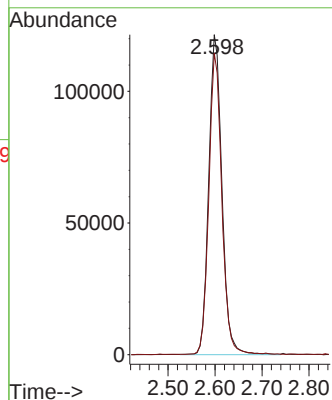
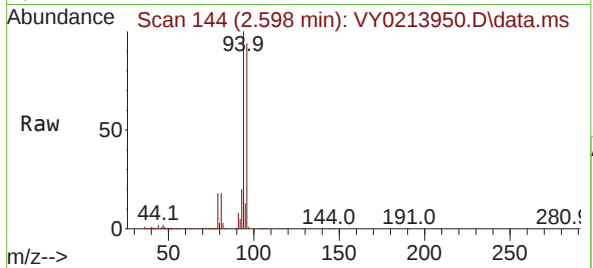




#5
Bromomethane
Concen: 94.624 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

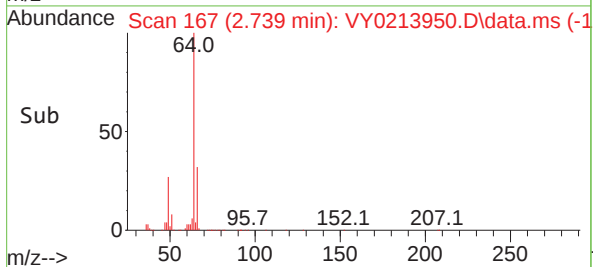
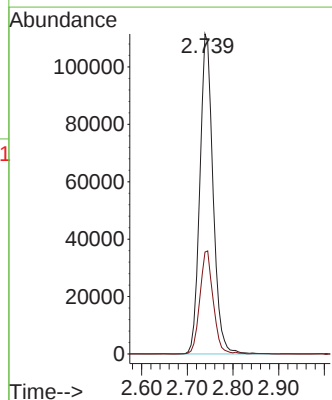
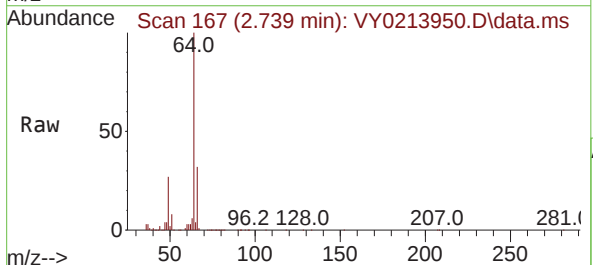
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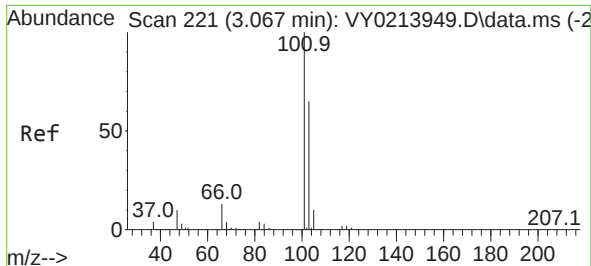
Tgt Ion: 94 Resp: 236127
Ion Ratio Lower Upper
94 100
96 94.0 76.3 114.5



#6
Chloroethane
Concen: 97.944 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 64 Resp: 223479
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1

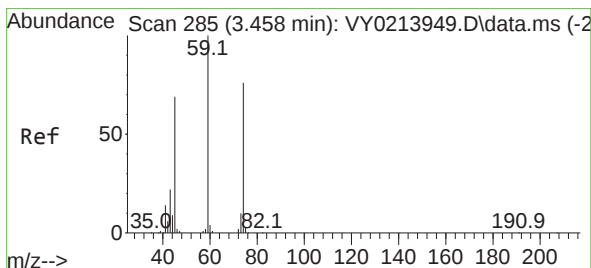
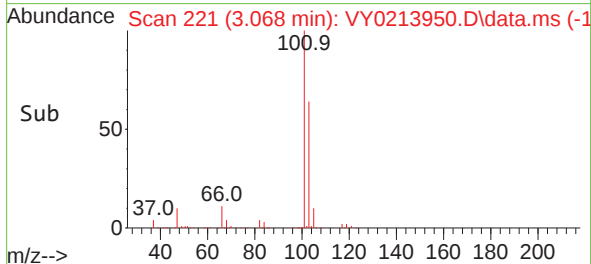
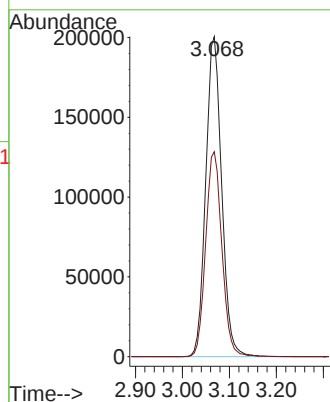
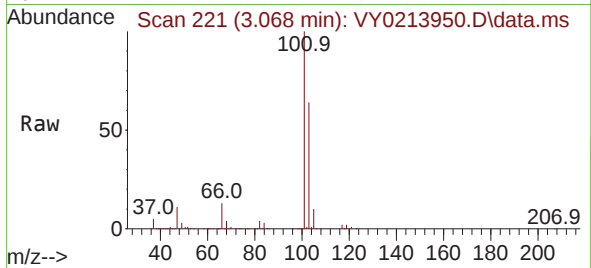




#7
Trichlorofluoromethane
Concen: 97.624 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

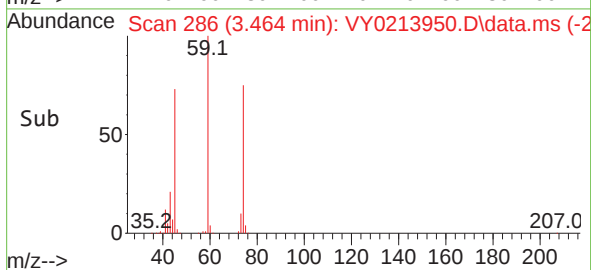
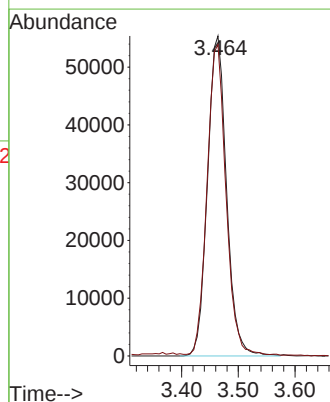
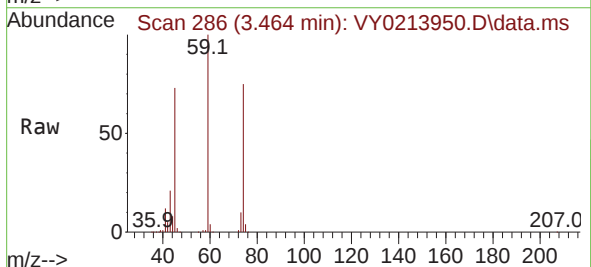
Instrument :
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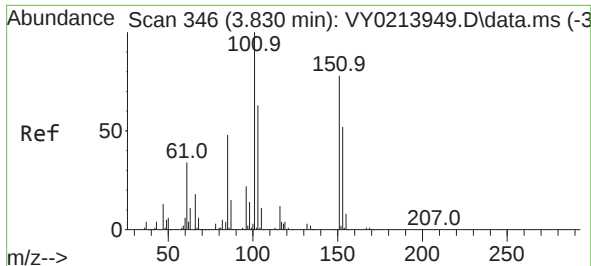
Tgt Ion:101 Resp: 470472
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 96.710 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 74 Resp: 129160
Ion Ratio Lower Upper
74 100
45 95.8 49.7 149.1

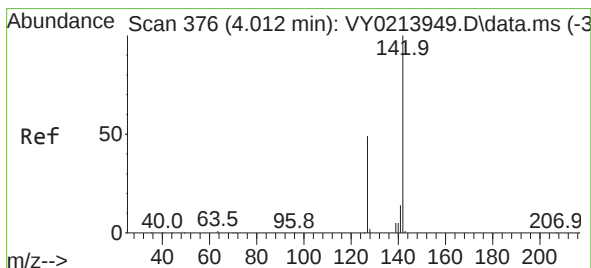
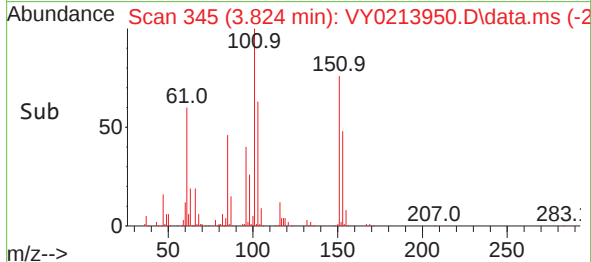
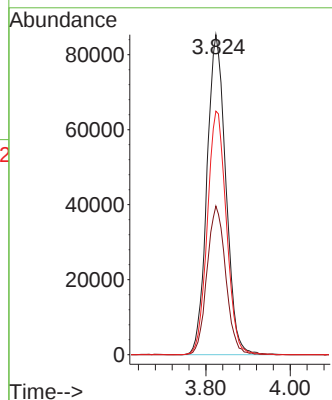
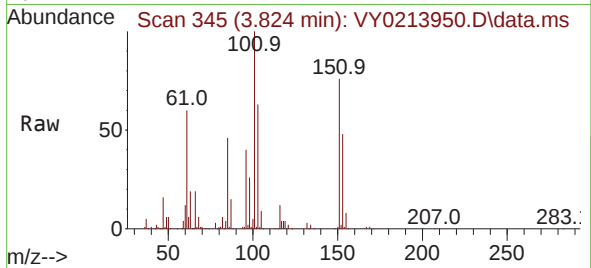




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.189 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

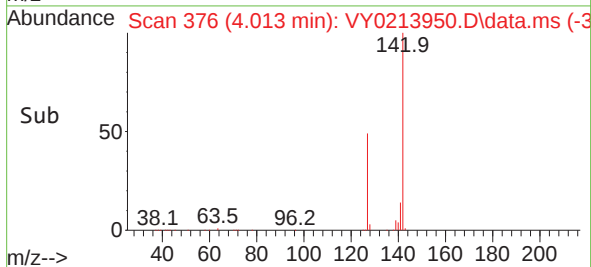
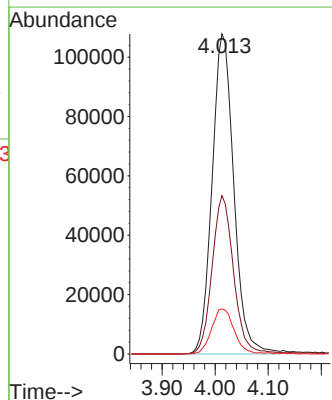
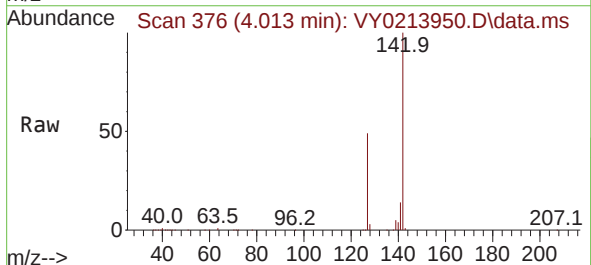
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

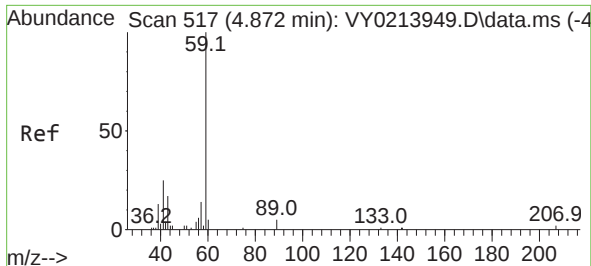
Tgt Ion:101 Resp: 264663
Ion Ratio Lower Upper
101 100
85 46.2 37.1 55.7
151 76.9 62.1 93.1



#10
Methyl Iodide
Concen: 109.719 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:142 Resp: 306871
Ion Ratio Lower Upper
142 100
127 49.0 39.1 58.7
141 14.7 11.8 17.6

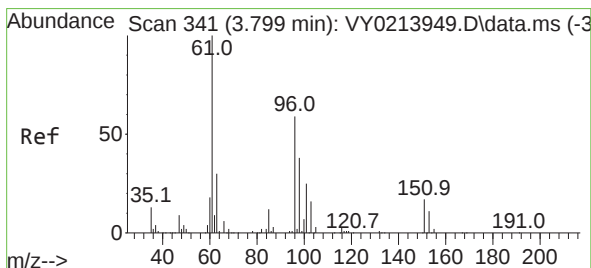
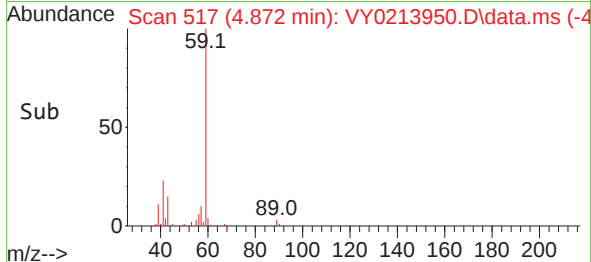
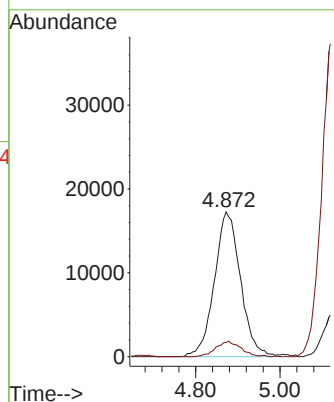
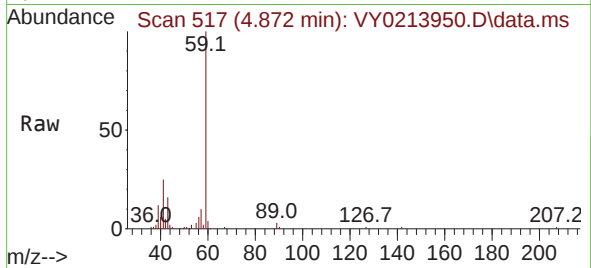




#11
Tert butyl alcohol
Concen: 460.479 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

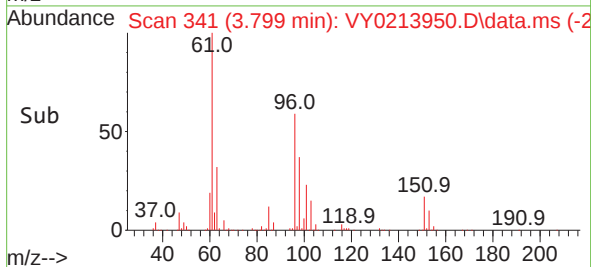
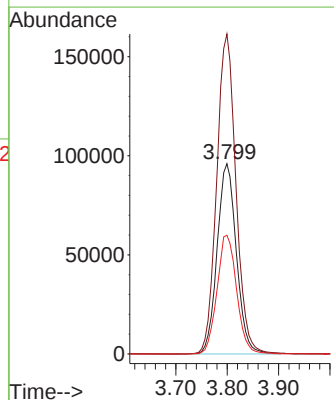
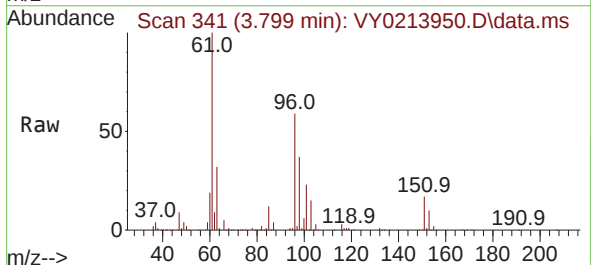
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

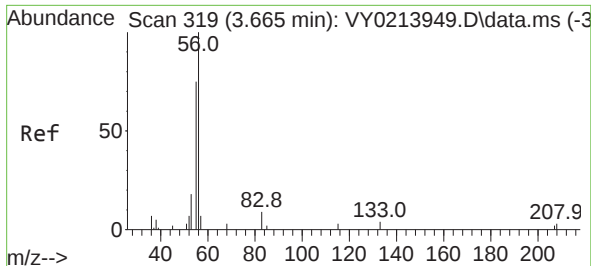
Tgt Ion: 59 Resp: 74090
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 99.762 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 96 Resp: 250255
Ion Ratio Lower Upper
96 100
61 168.1 135.2 202.8
98 62.4 51.4 77.2

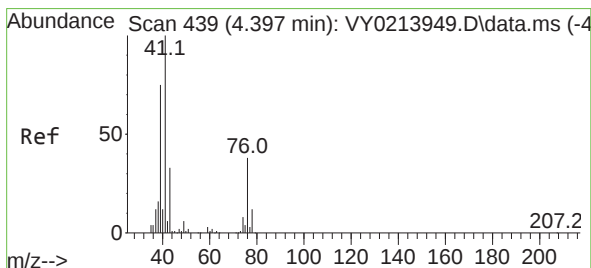
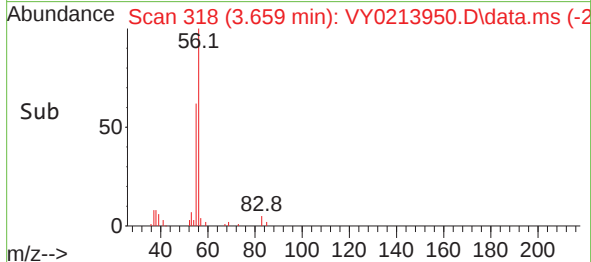
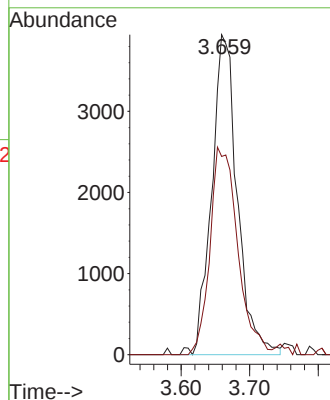
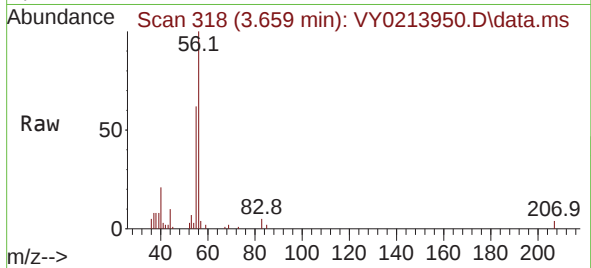




#13
Acrolein
Concen: 78.325 ug/l
RT: 3.659 min Scan# 319
Delta R.T. -0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

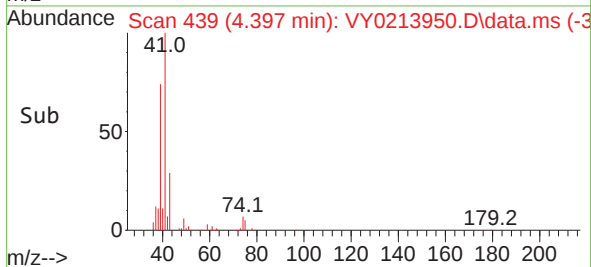
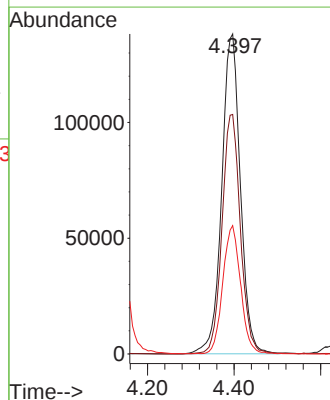
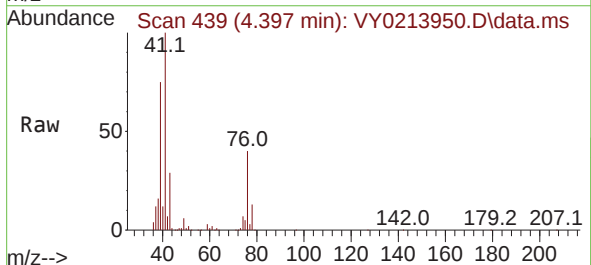
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

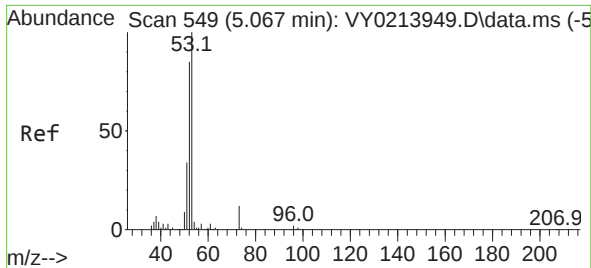
Tgt Ion: 56 Resp: 10283
Ion Ratio Lower Upper
56 100
55 69.8 63.4 95.2



#14
Allyl chloride
Concen: 102.051 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 41 Resp: 413704
Ion Ratio Lower Upper
41 100
39 74.0 59.3 88.9
76 38.3 29.8 44.8

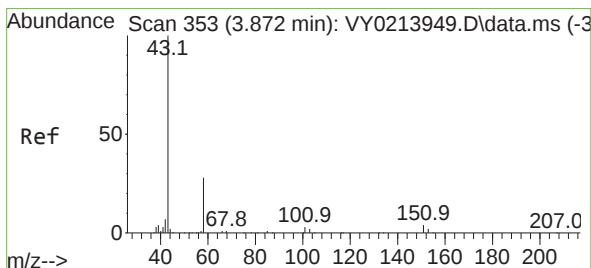
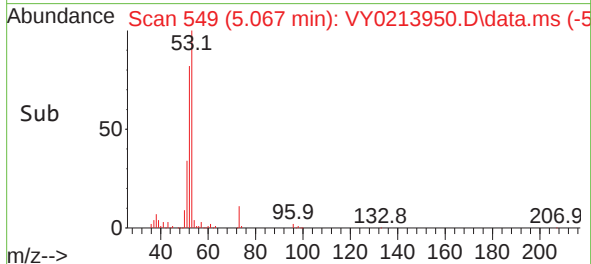
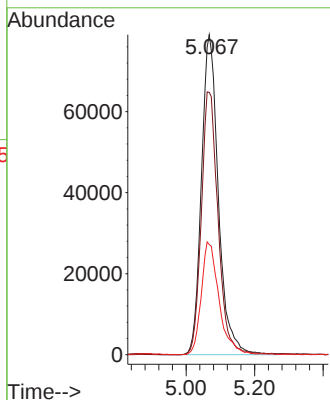
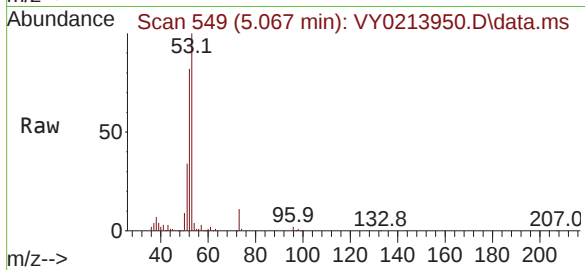




#15
Acrylonitrile
Concen: 478.287 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

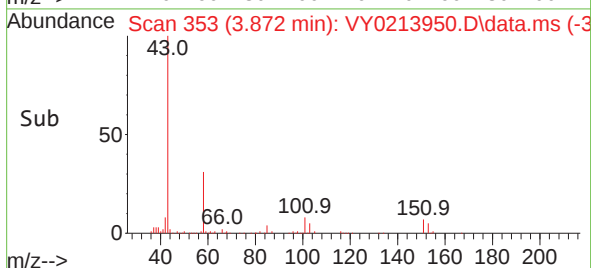
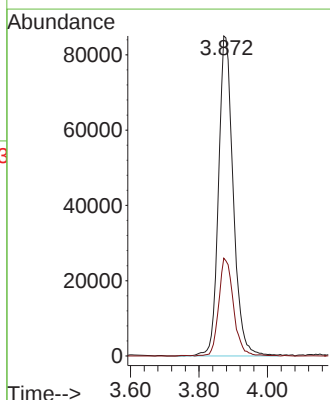
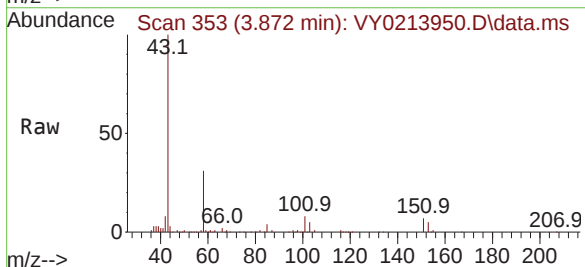
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

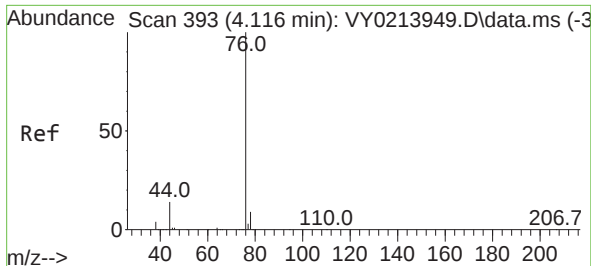
Tgt Ion: 53 Resp: 271919
Ion Ratio Lower Upper
53 100
52 81.1 66.3 99.5
51 37.0 30.3 45.5



#16
Acetone
Concen: 447.711 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 43 Resp: 252046
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1

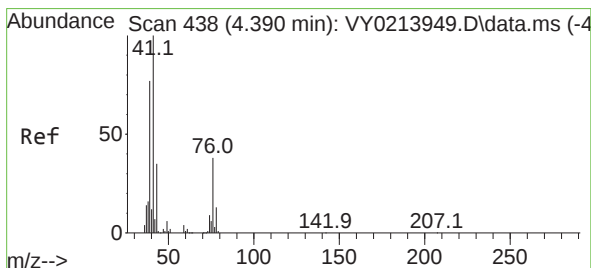
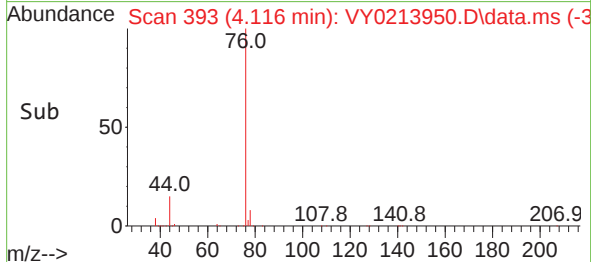
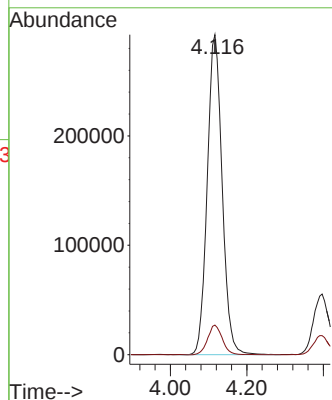
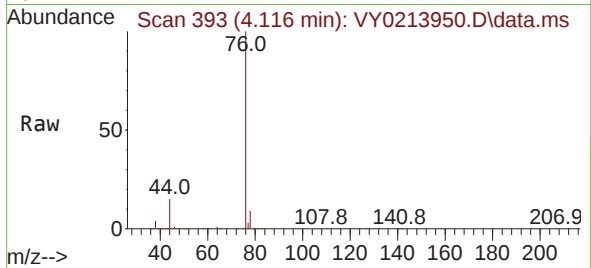




#17
Carbon Disulfide
Concen: 100.521 ug/l
RT: 4.116 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

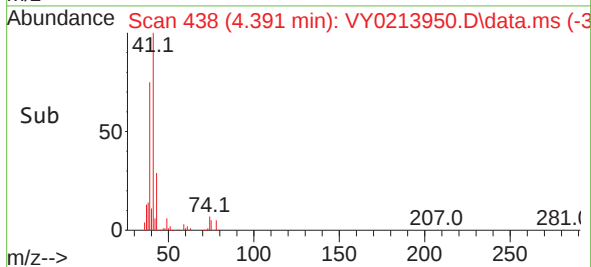
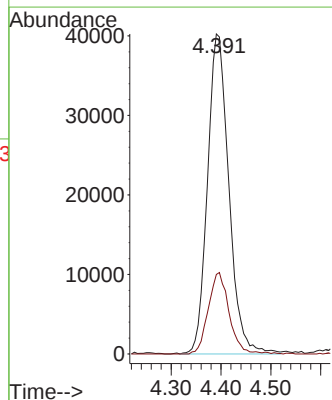
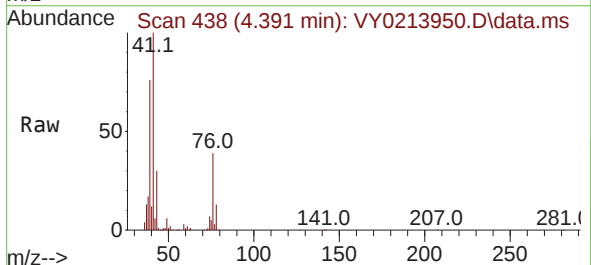
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

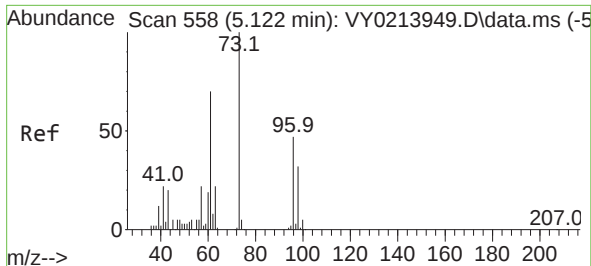
Tgt Ion: 76 Resp: 790255
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 95.992 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 43 Resp: 119905
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0

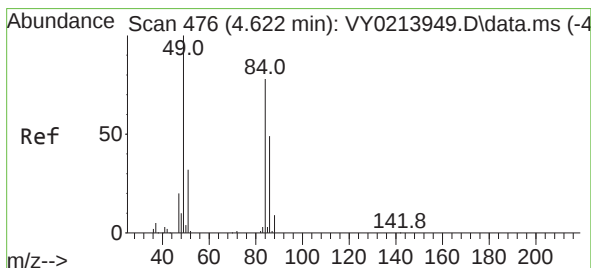
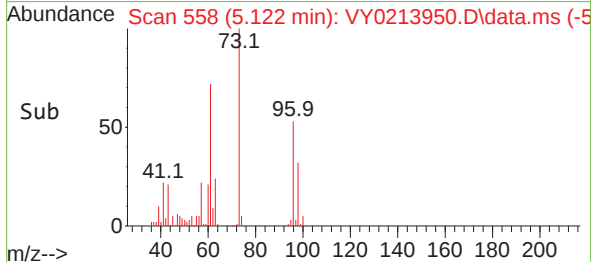
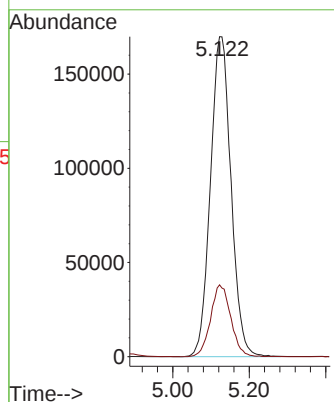
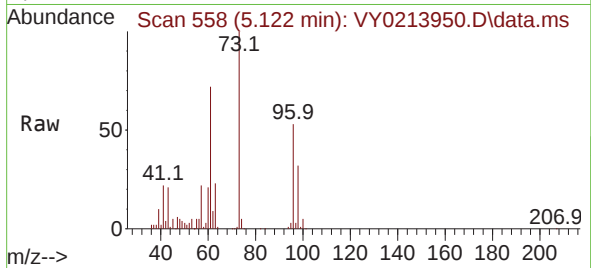




#19
Methyl tert-butyl Ether
Concen: 99.817 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

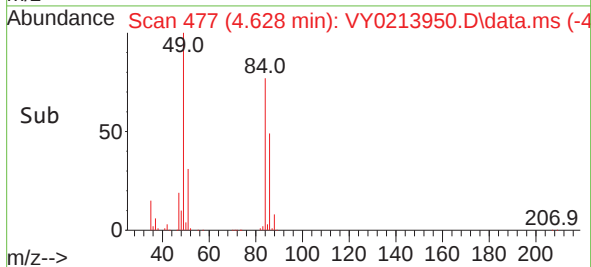
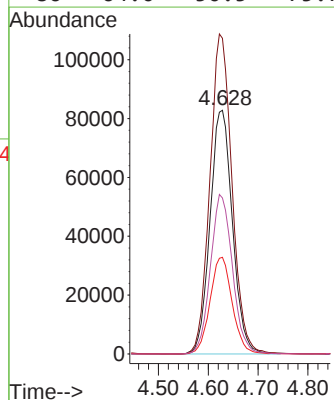
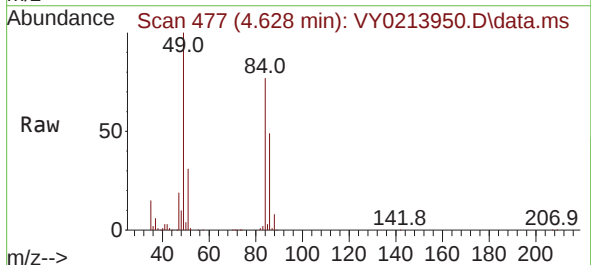
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

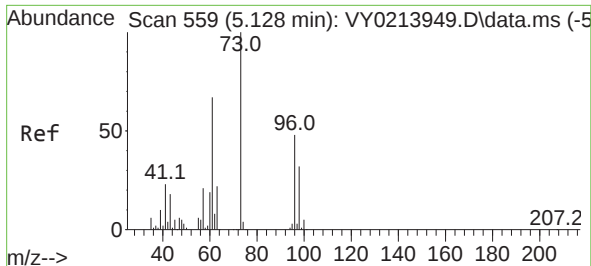
Tgt Ion: 73 Resp: 634643
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 87.531 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 84 Resp: 258664
Ion Ratio Lower Upper
84 100
49 129.5 102.0 153.0
51 39.6 33.0 49.6
86 64.0 50.5 75.7

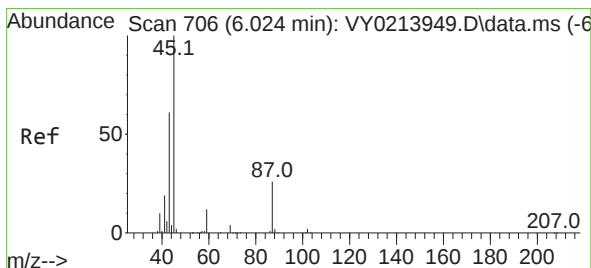
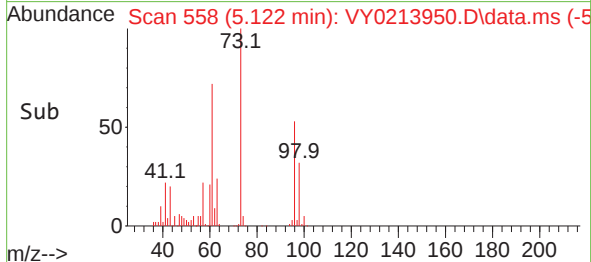
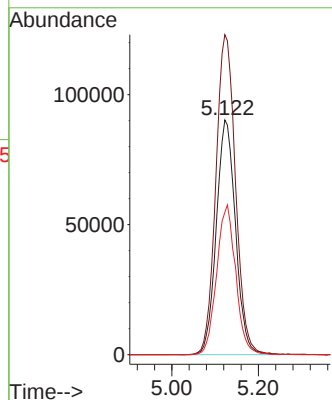
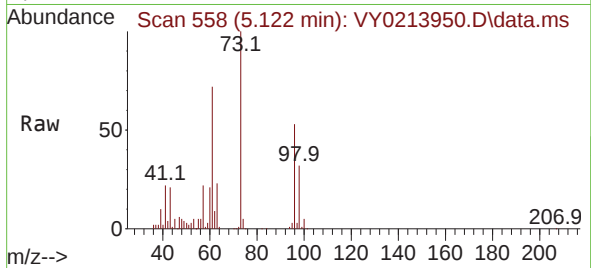




#21
trans-1,2-Dichloroethene
Concen: 99.104 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

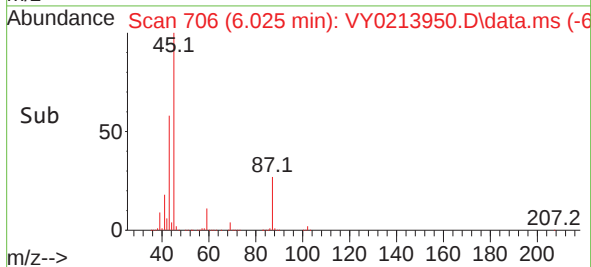
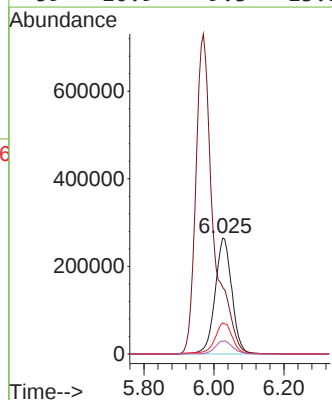
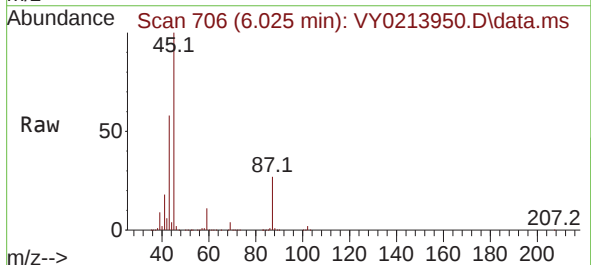
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

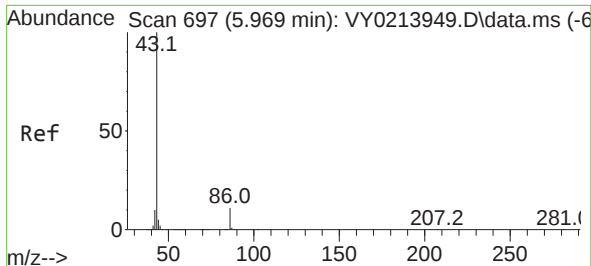
Tgt Ion: 96 Resp: 278418
Ion Ratio Lower Upper
96 100
61 136.3 111.5 167.3
98 60.6 53.8 80.8



#22
Diisopropyl ether
Concen: 100.510 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 45 Resp: 878111
Ion Ratio Lower Upper
45 100
43 57.4 48.7 73.1
87 26.8 21.5 32.3
59 10.9 9.3 13.9

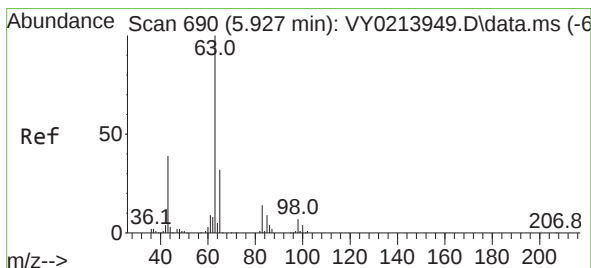
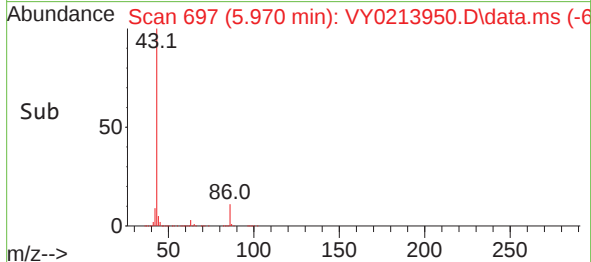
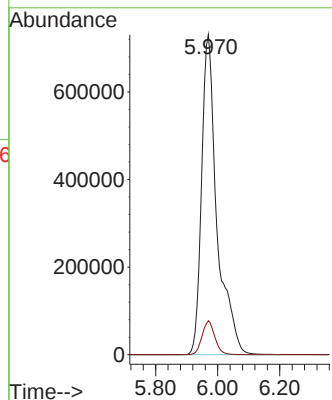
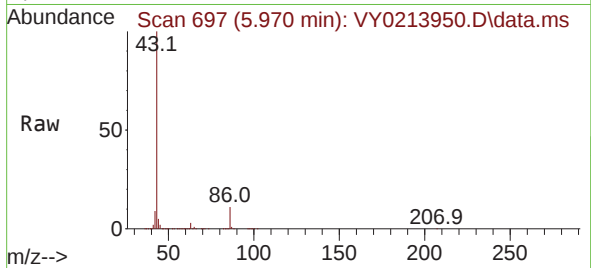




#23
 Vinyl Acetate
 Concen: 505.518 ug/l
 RT: 5.970 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

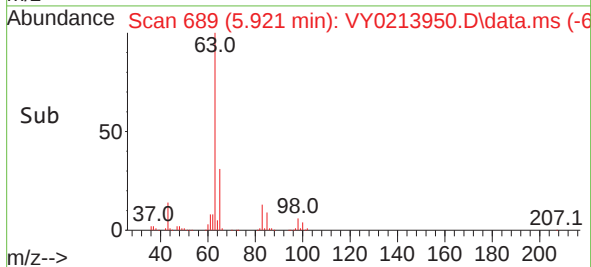
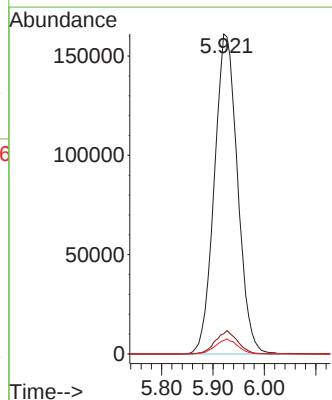
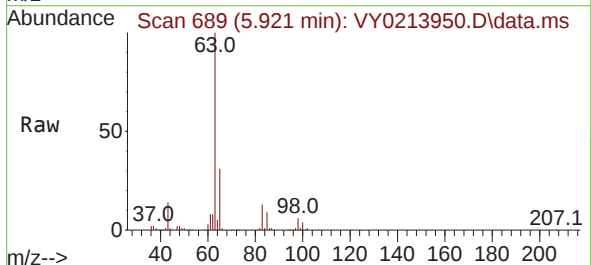
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 MSVOA_Y
 ClientSampleId :
 VSTDIC100

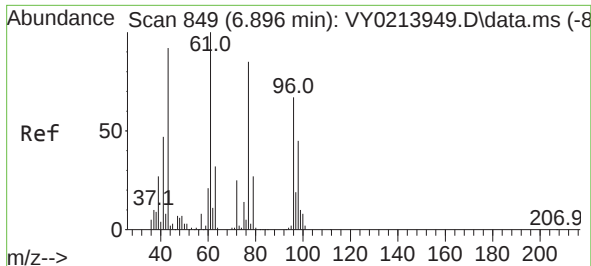
Tgt Ion: 43 Resp: 2520516
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 98.056 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion: 63 Resp: 505607
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 466.248 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

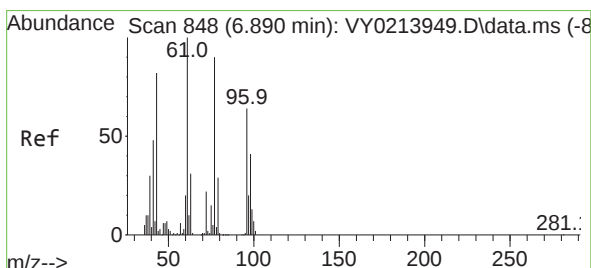
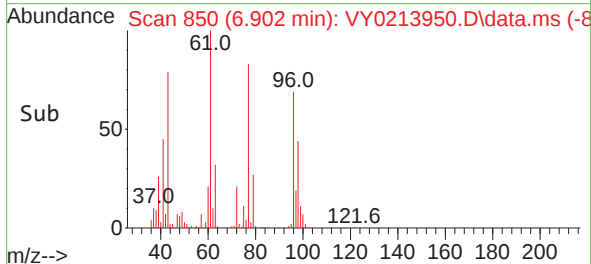
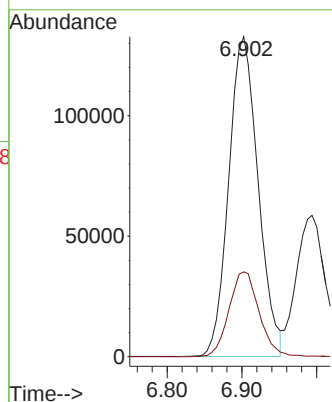
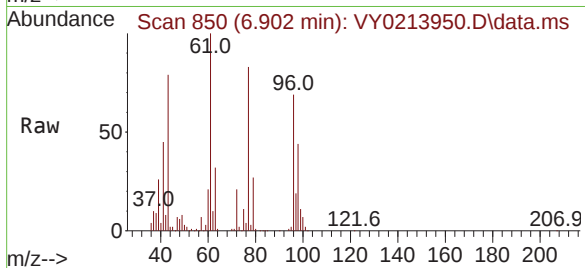
VSTDICC100

Tgt Ion: 43 Resp: 363091

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 98.362 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY0213950.D

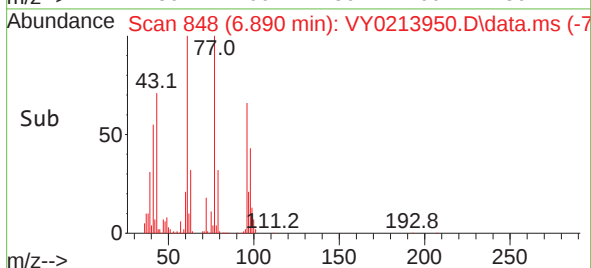
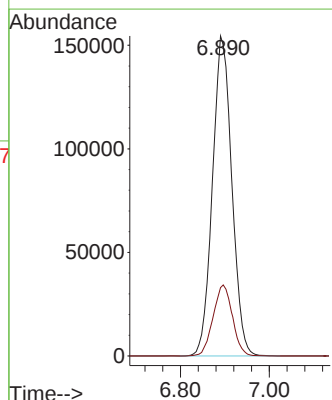
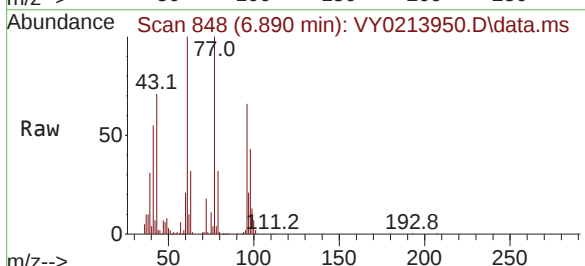
Acq: 04 Mar 2025 11:06

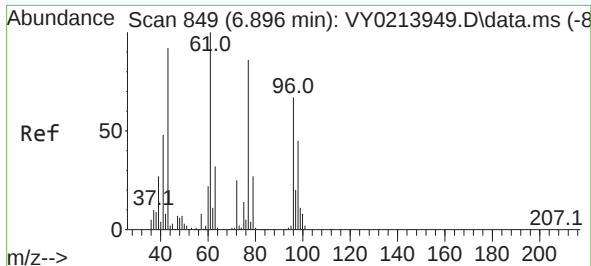
Tgt Ion: 77 Resp: 466669

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8

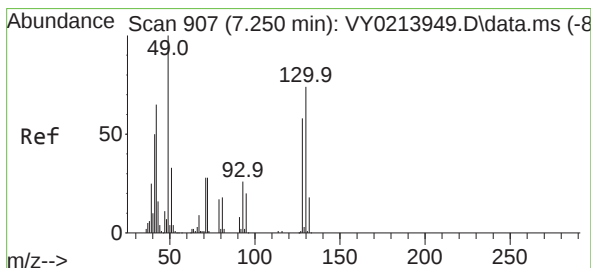
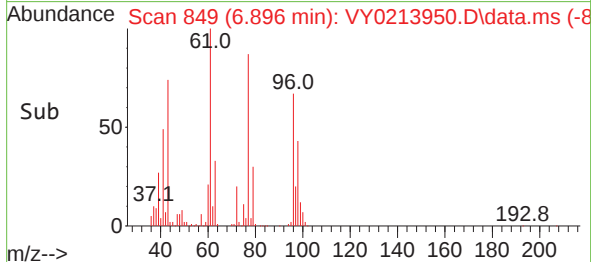
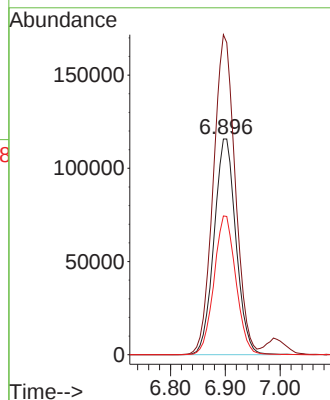
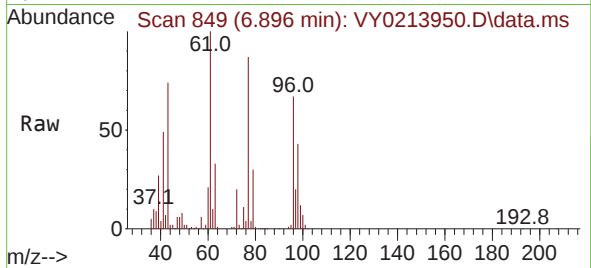




#27
 cis-1,2-Dichloroethene
 Concen: 100.724 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

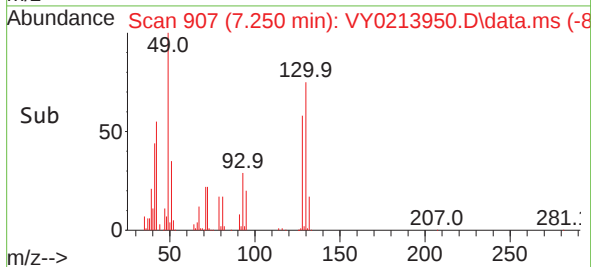
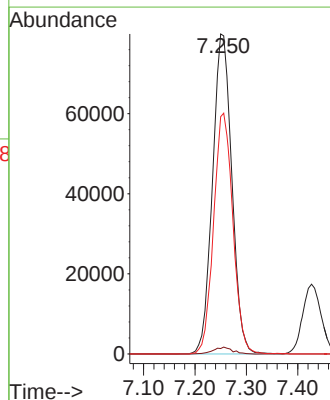
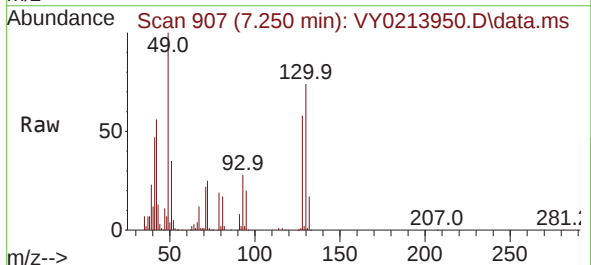
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

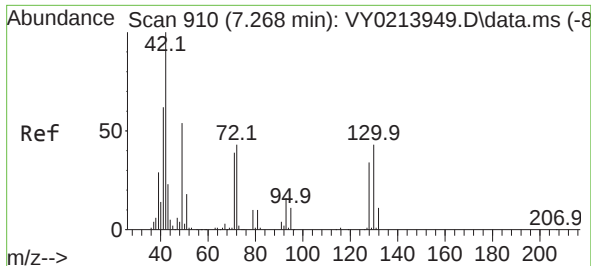
Tgt Ion: 96 Resp: 321461
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 300.8
 98 64.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 96.281 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion: 49 Resp: 208133
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 474.960 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

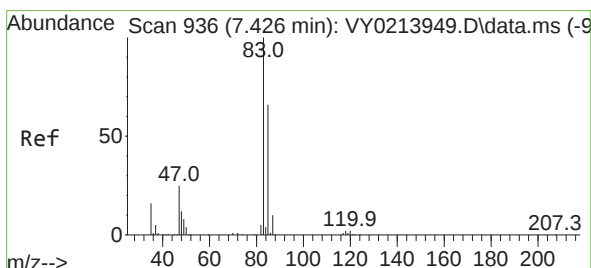
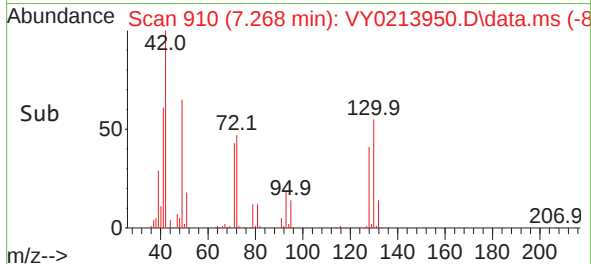
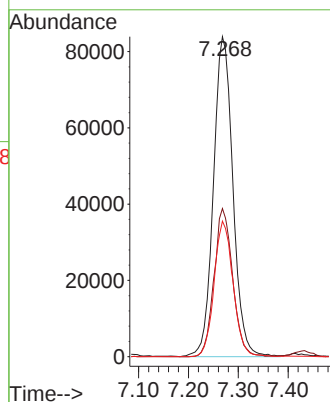
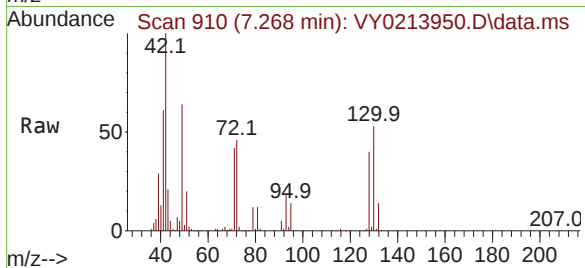
Tgt Ion: 42 Resp: 228343

Ion Ratio Lower Upper

42 100

72 44.2 34.8 52.2

71 41.1 32.6 48.8



#30

Chloroform

Concen: 97.270 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY0213950.D

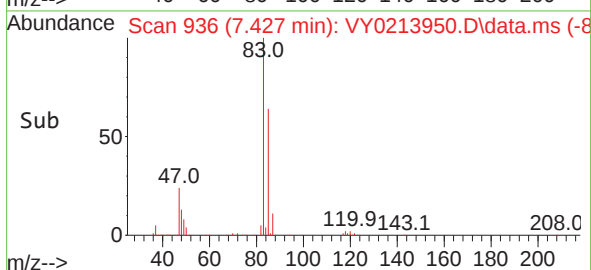
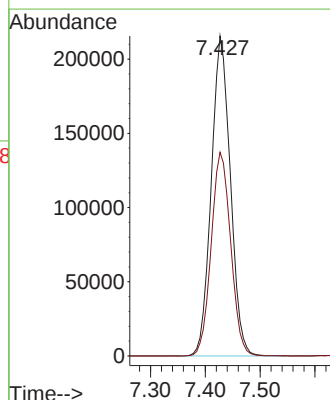
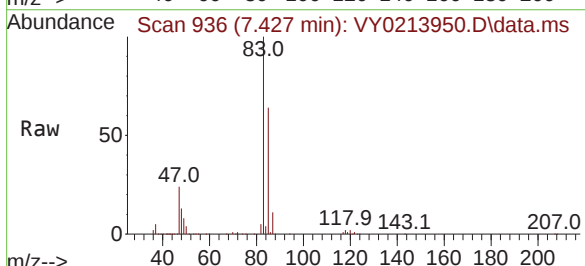
Acq: 04 Mar 2025 11:06

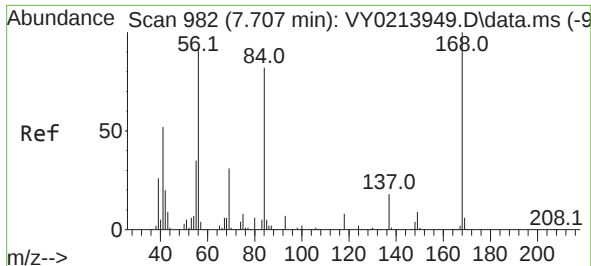
Tgt Ion: 83 Resp: 520812

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7





#31

Cyclohexane

Concen: 95.275 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

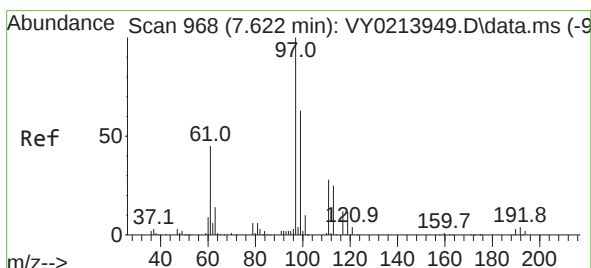
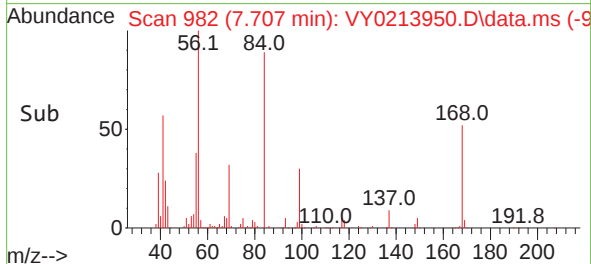
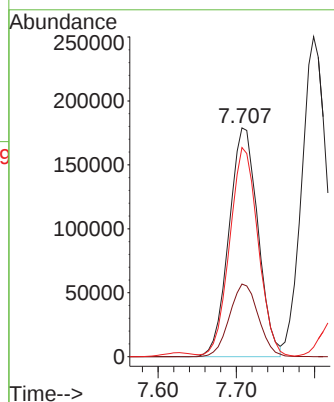
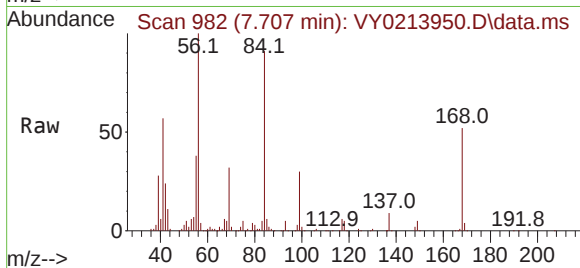
Tgt Ion: 56 Resp: 460568

Ion Ratio Lower Upper

56 100

69 31.7 27.0 40.4

84 89.7 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 97.941 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

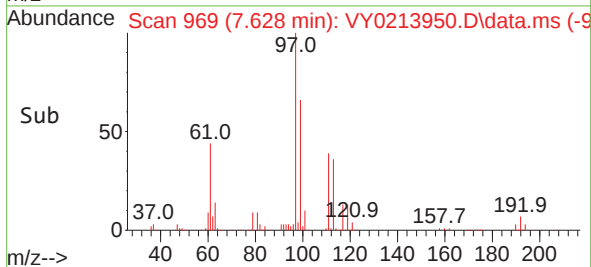
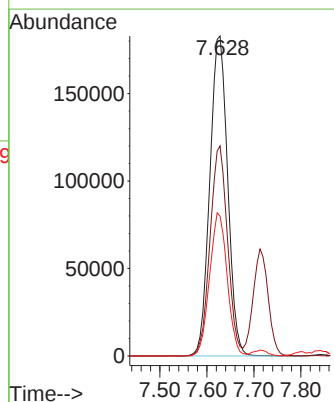
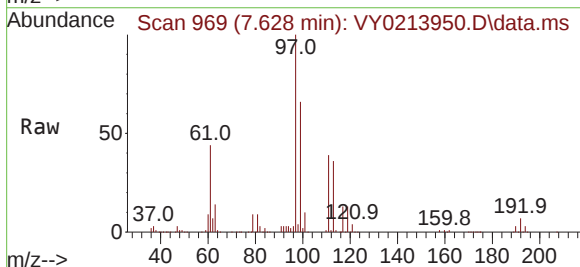
Tgt Ion: 97 Resp: 480163

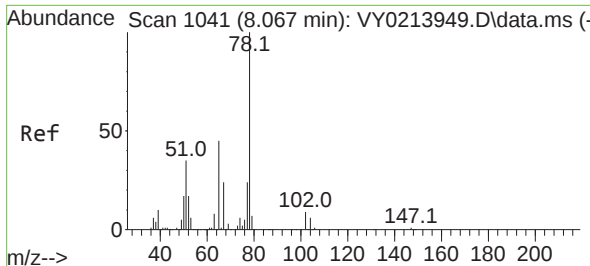
Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 96.666 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

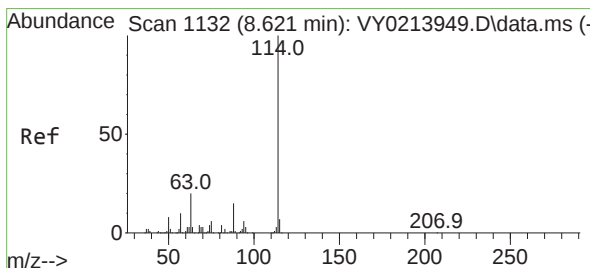
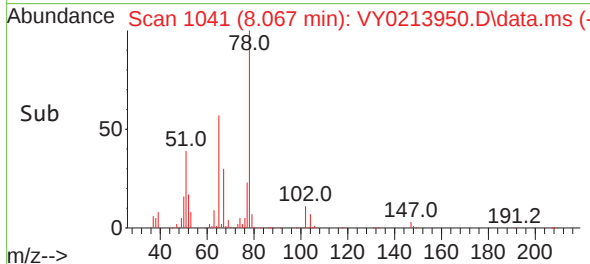
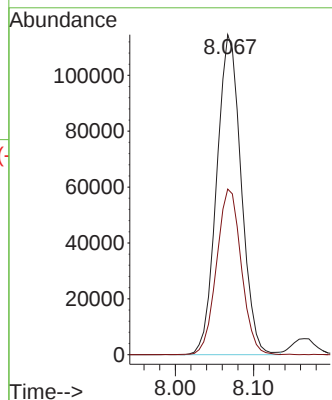
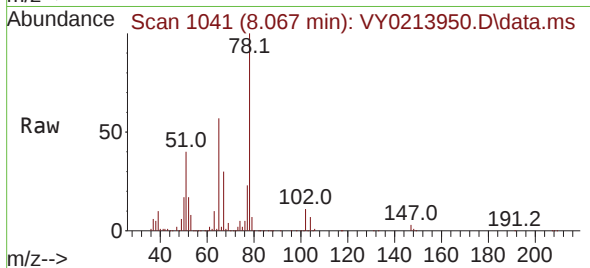
VSTDIC100

Tgt Ion: 65 Resp: 249506

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

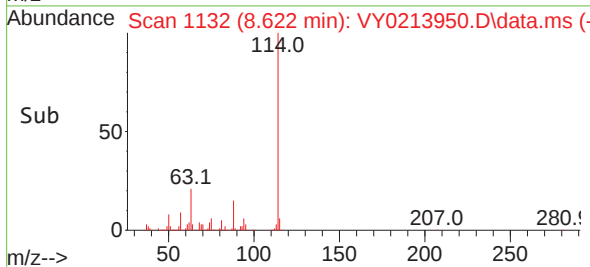
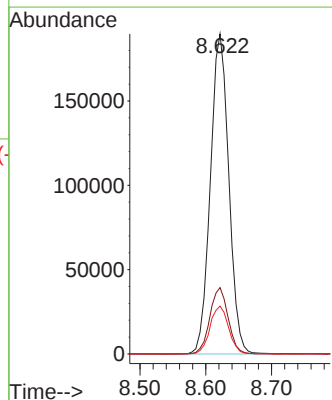
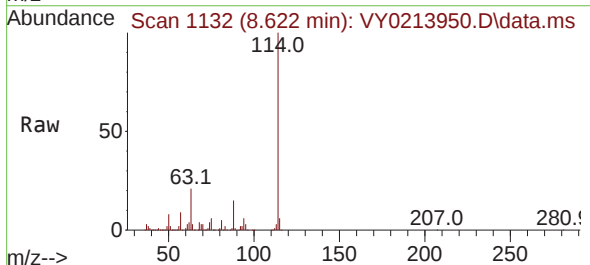
Tgt Ion: 114 Resp: 369748

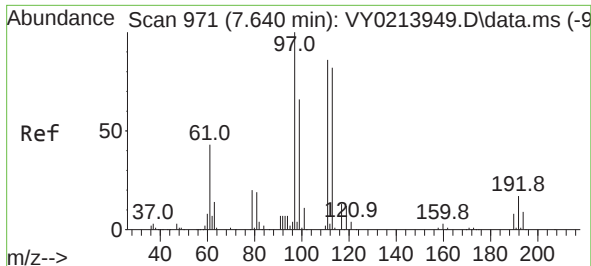
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 14.9 0.0 30.8

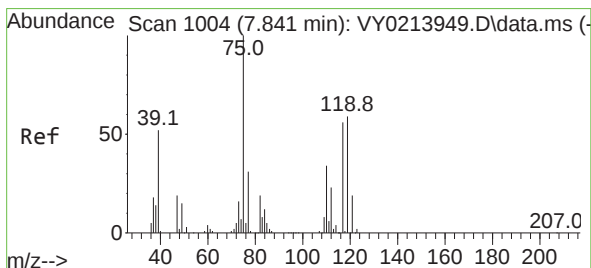
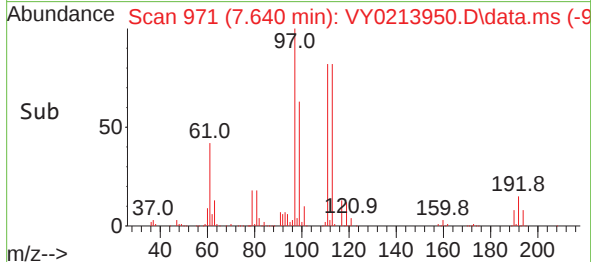
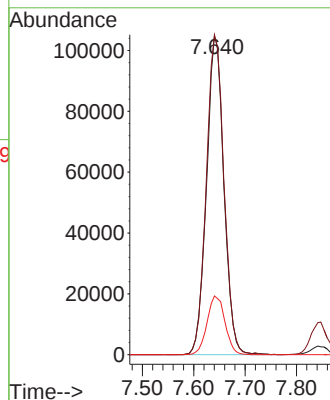
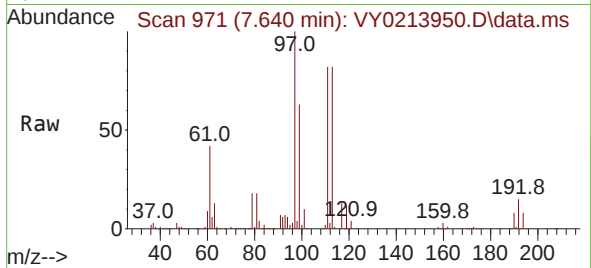




#35
Dibromofluoromethane
Concen: 100.930 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

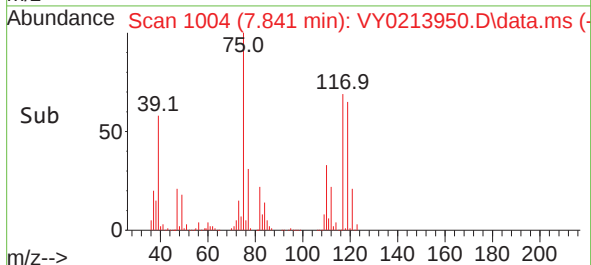
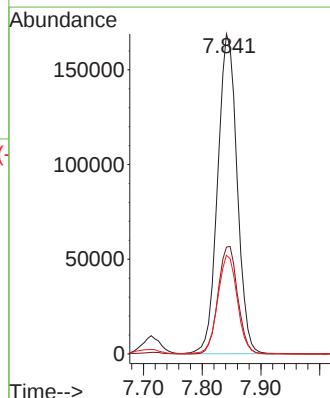
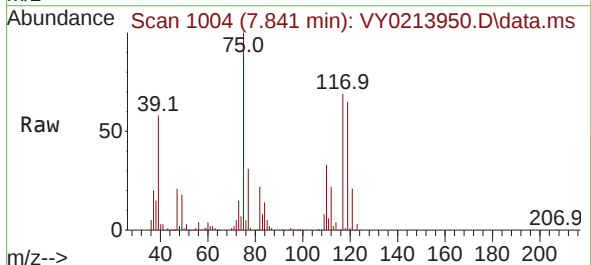
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

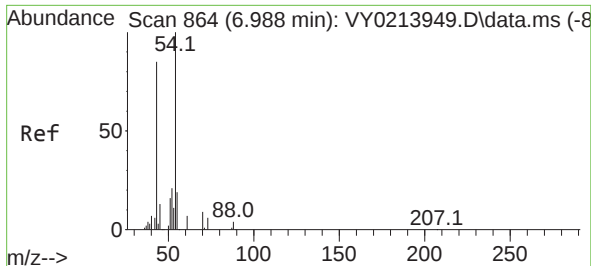
Tgt Ion:113 Resp: 245300
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 102.089 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 75 Resp: 388384
Ion Ratio Lower Upper
75 100
110 34.0 17.3 51.7
77 31.2 25.4 38.2





#37

Ethyl Acetate

Concen: 94.621 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

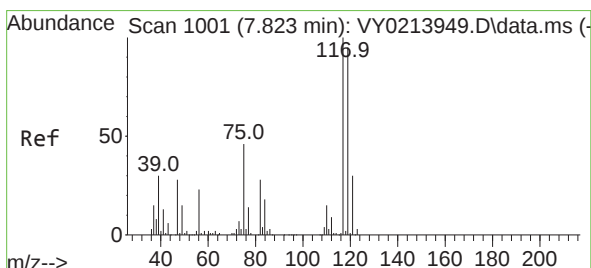
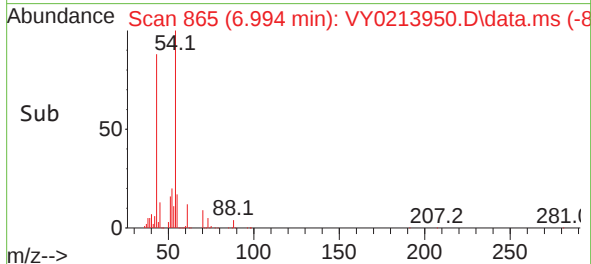
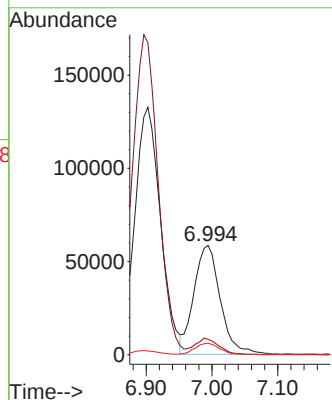
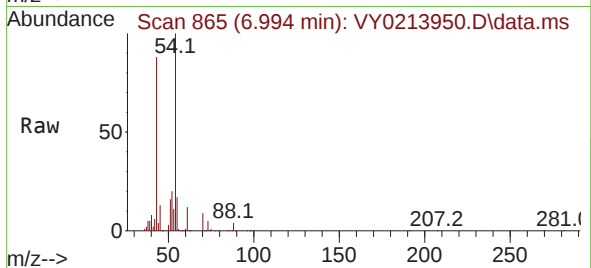
Tgt Ion: 43 Resp: 162380

Ion Ratio Lower Upper

43 100

61 13.2 11.4 17.0

70 10.0 8.2 12.2



#38

Carbon Tetrachloride

Concen: 100.510 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

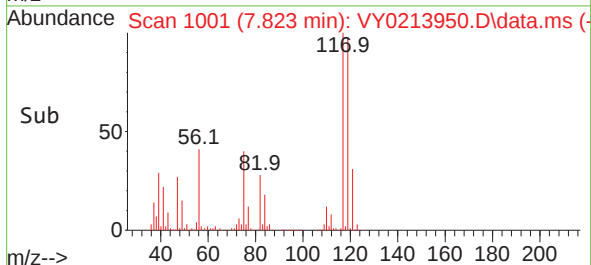
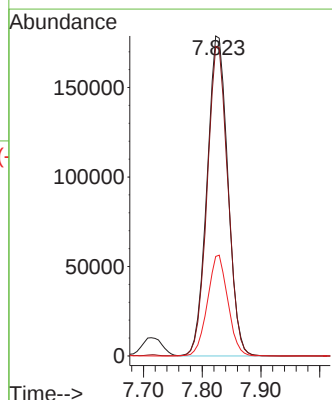
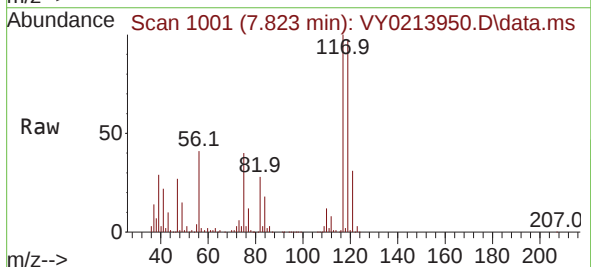
Tgt Ion: 117 Resp: 439762

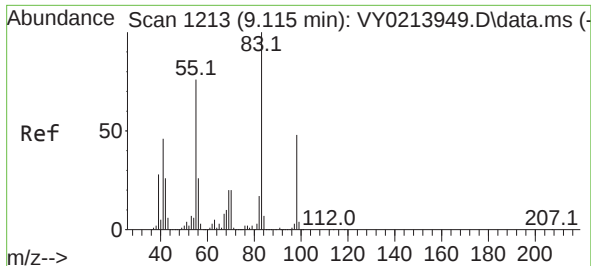
Ion Ratio Lower Upper

117 100

119 96.8 75.8 113.8

121 31.1 23.9 35.9





#39

Methylcyclohexane

Concen: 107.827 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

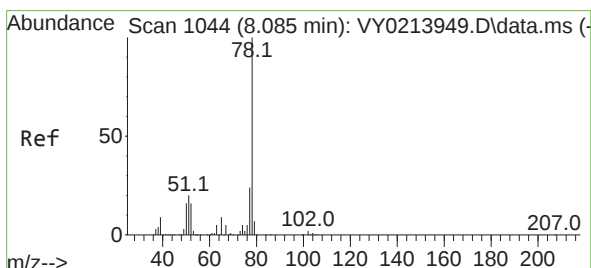
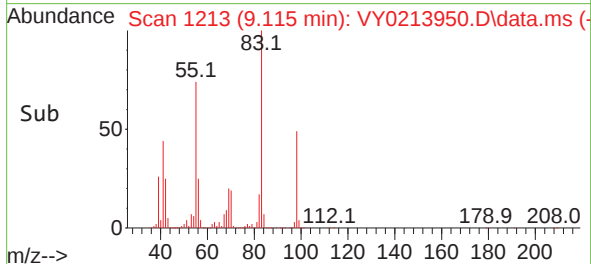
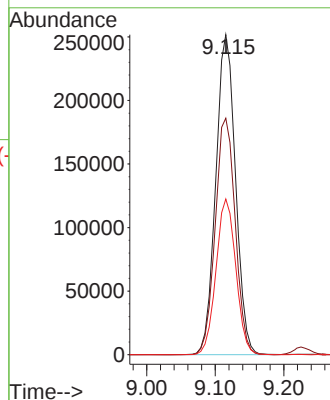
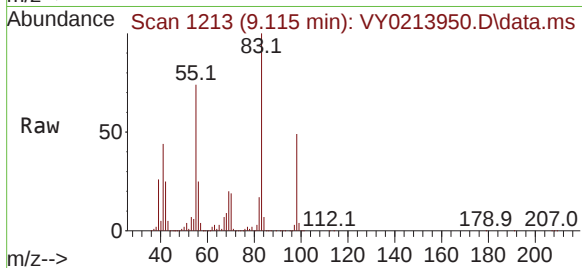
Tgt Ion: 83 Resp: 503172

Ion Ratio Lower Upper

83 100

55 73.9 60.7 91.1

98 48.6 38.6 57.8



#40

Benzene

Concen: 101.621 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY0213950.D

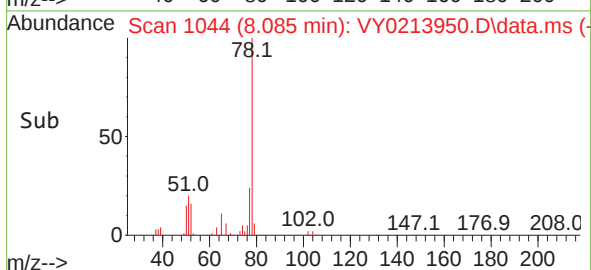
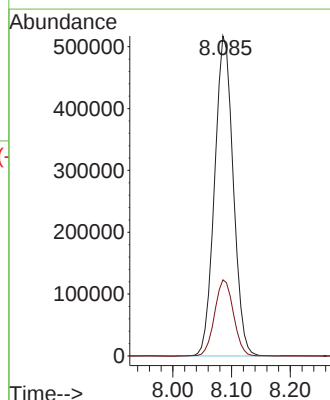
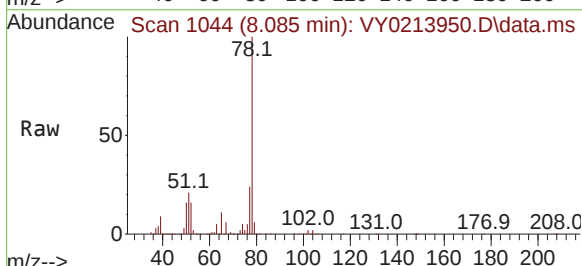
Acq: 04 Mar 2025 11:06

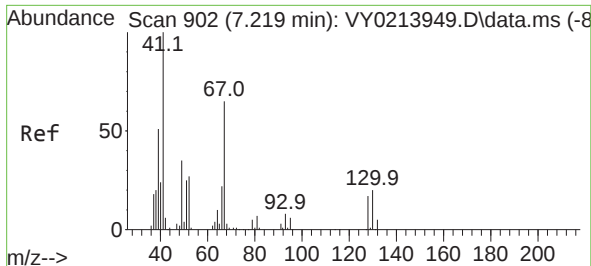
Tgt Ion: 78 Resp: 1138841

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

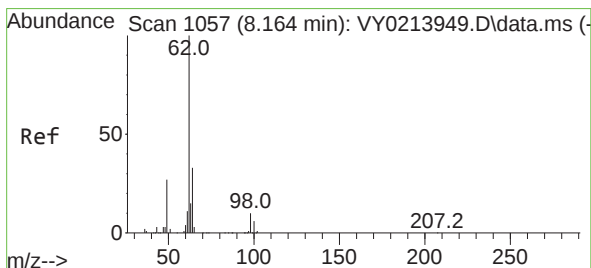
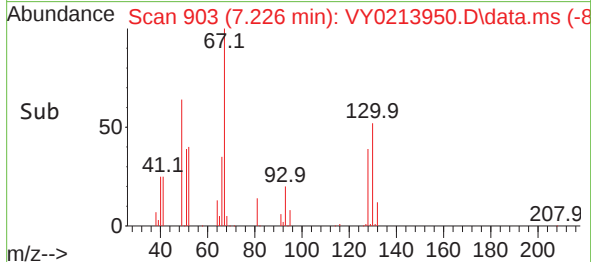
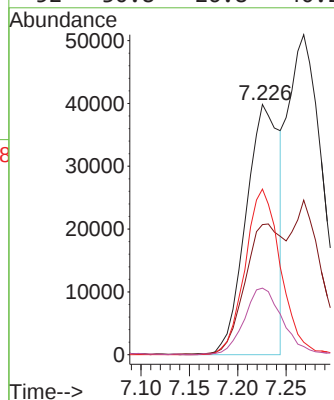
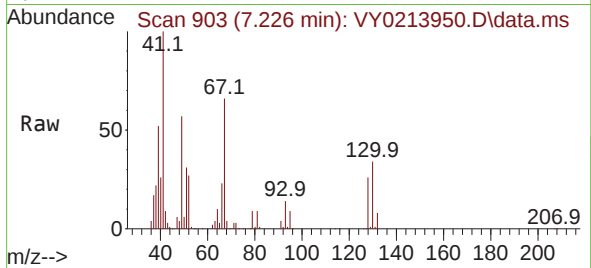




#41
Methacrylonitrile
Concen: 102.238 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

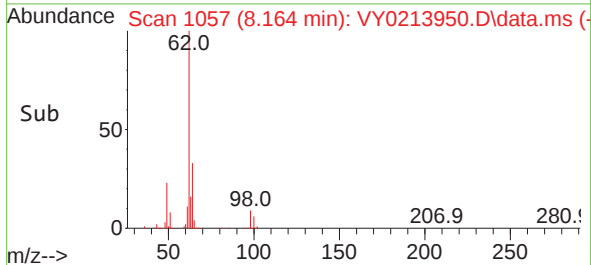
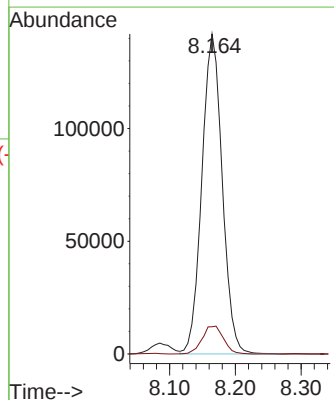
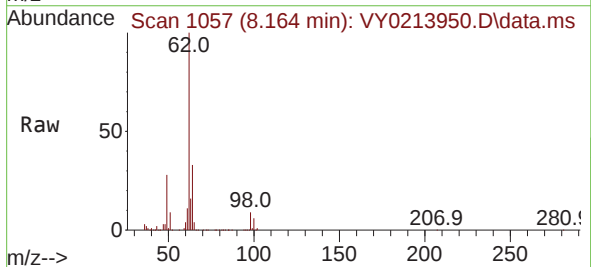
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

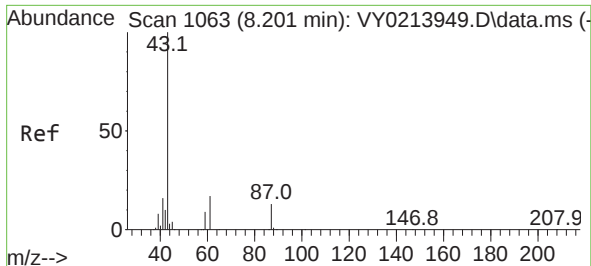
Tgt Ion:	41	Resp:	95564
Ion	Ratio	Lower	Upper
41	100		
39	61.0	35.0	52.6#
67	71.2	61.2	91.8
52	30.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 97.534 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:	62	Resp:	305782
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

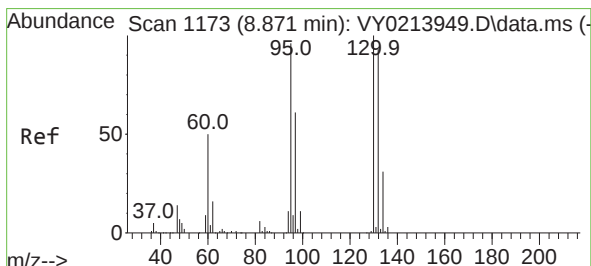
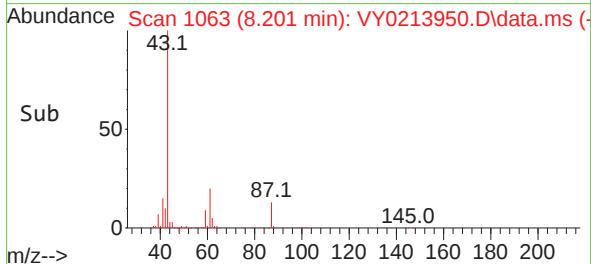
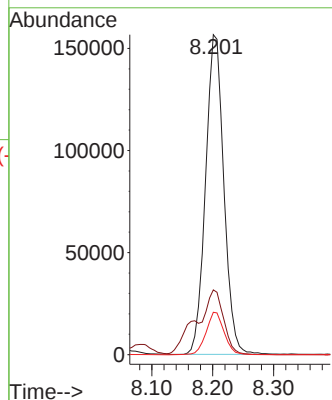
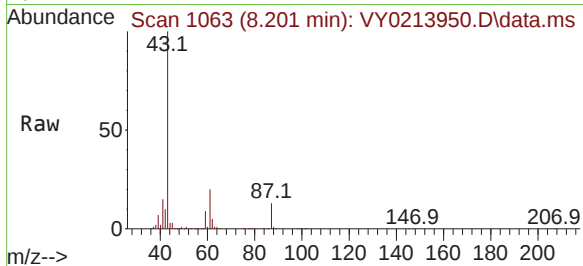




#43
Isopropyl Acetate
Concen: 100.231 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

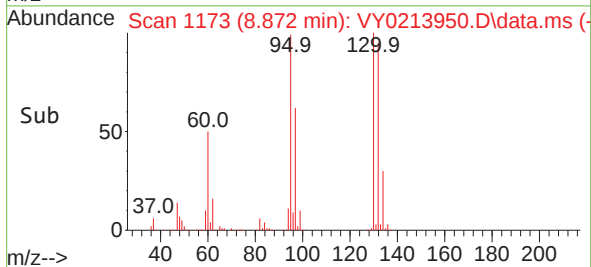
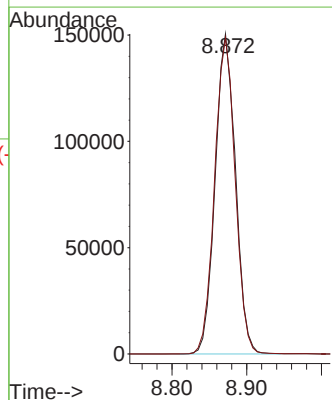
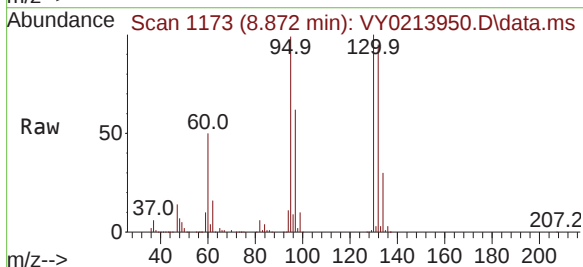
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

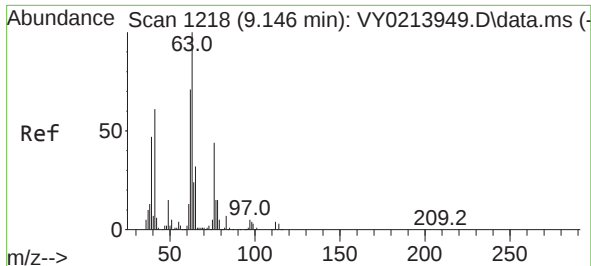
Tgt Ion: 43 Resp: 327171
Ion Ratio Lower Upper
43 100
61 30.1 23.4 35.0
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 100.395 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:130 Resp: 284312
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.6

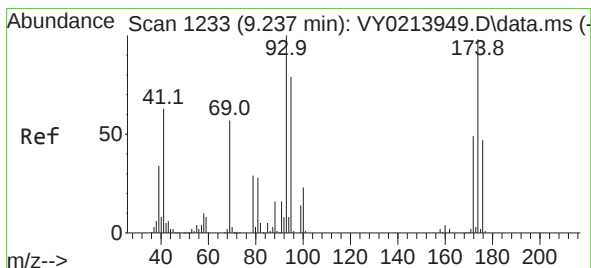
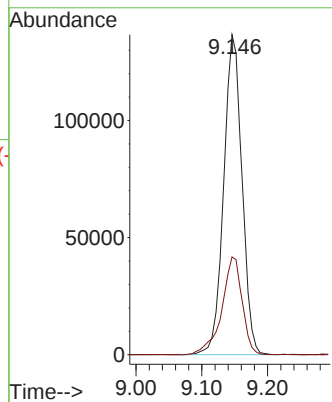
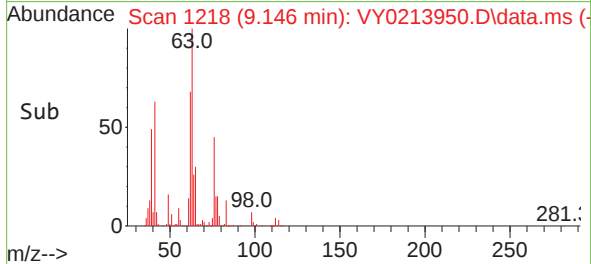
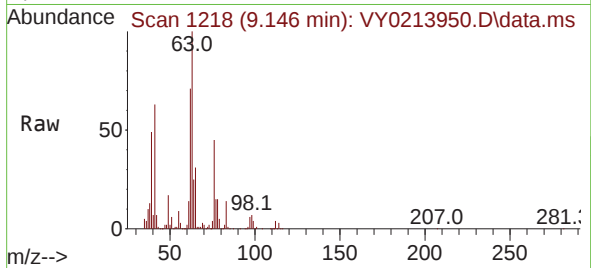




#45
1,2-Dichloropropane
Concen: 99.238 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

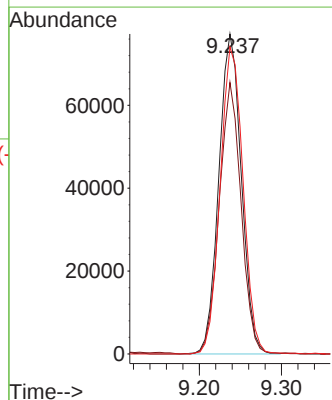
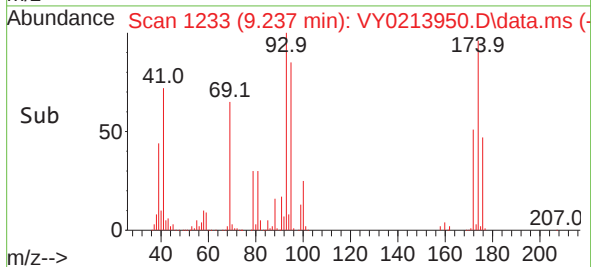
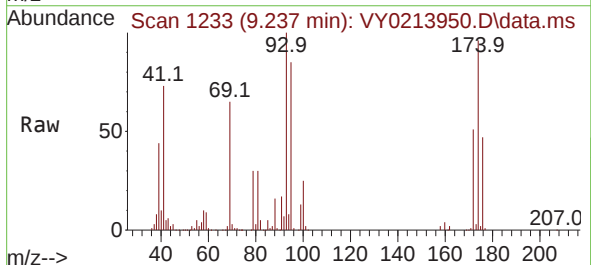
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

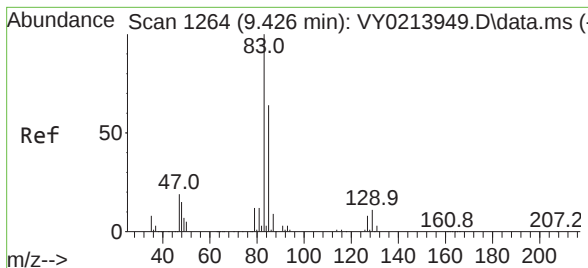
Tgt Ion: 63 Resp: 264690
Ion Ratio Lower Upper
63 100
65 30.6 26.0 39.0



#46
Dibromomethane
Concen: 98.859 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 93 Resp: 146713
Ion Ratio Lower Upper
93 100
95 82.4 65.8 98.8
174 97.6 77.9 116.9





#47

Bromodichloromethane

Concen: 100.395 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

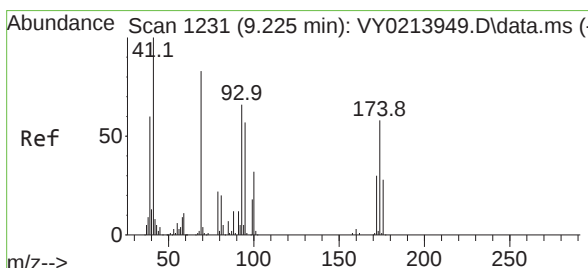
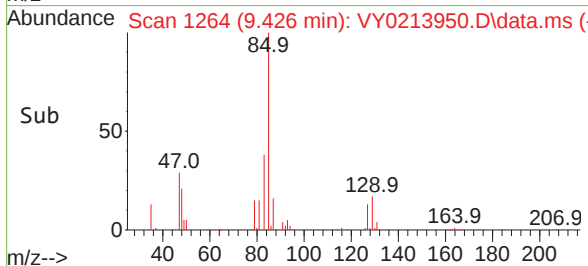
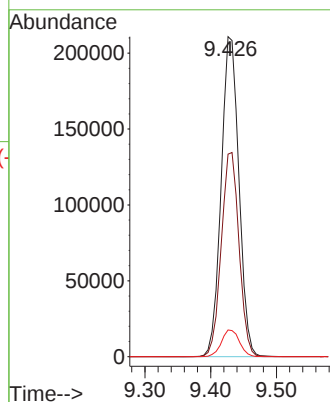
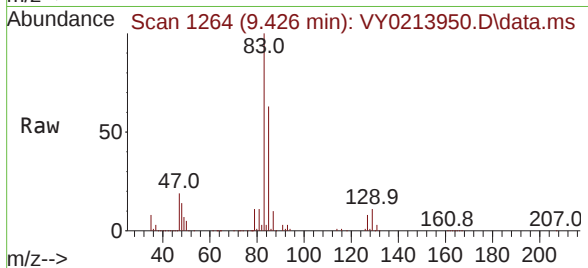
Tgt Ion: 83 Resp: 395676

Ion Ratio Lower Upper

83 100

85 63.3 51.1 76.7

127 8.4 6.7 10.1



#48

Methyl methacrylate

Concen: 103.582 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

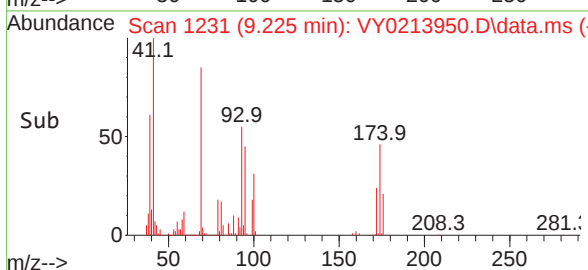
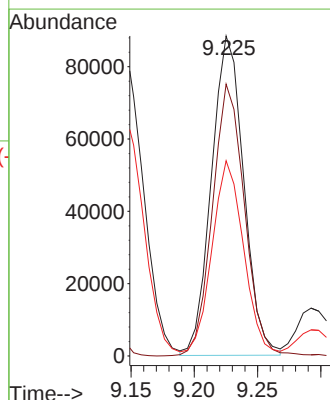
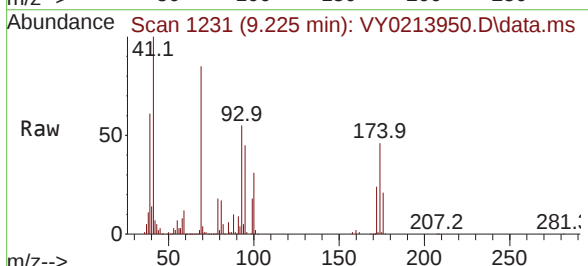
Tgt Ion: 41 Resp: 156771

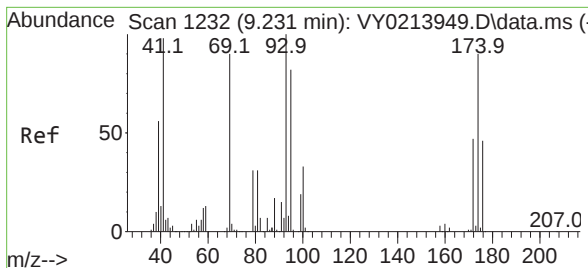
Ion Ratio Lower Upper

41 100

69 84.9 67.8 101.8

39 57.7 46.4 69.6





#49

1,4-Dioxane

Concen: 2052.779 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

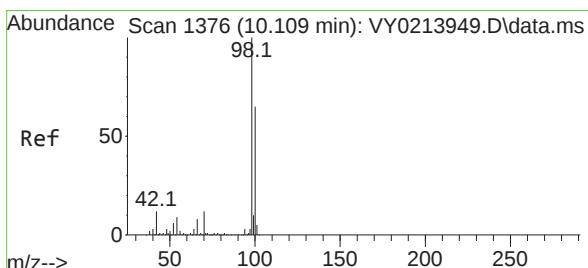
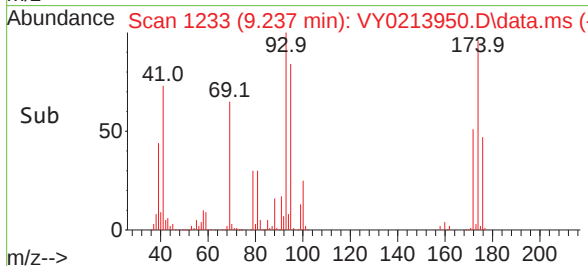
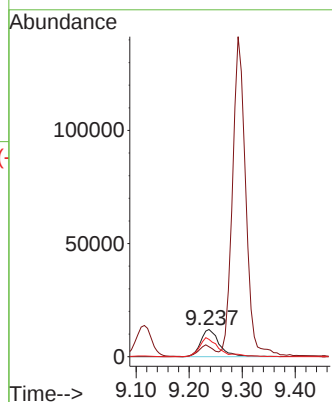
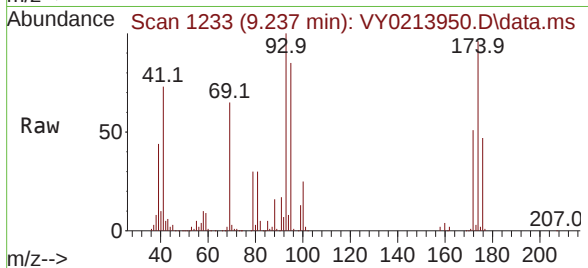
Tgt Ion: 88 Resp: 29902

Ion Ratio Lower Upper

88 100

43 34.6 25.0 37.4

58 71.6 58.4 87.6



#50

Toluene-d8

Concen: 103.596 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY0213950.D

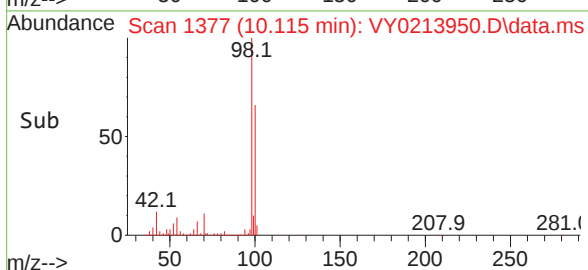
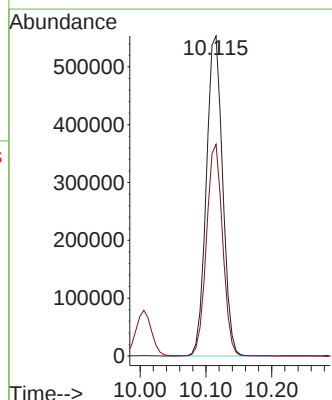
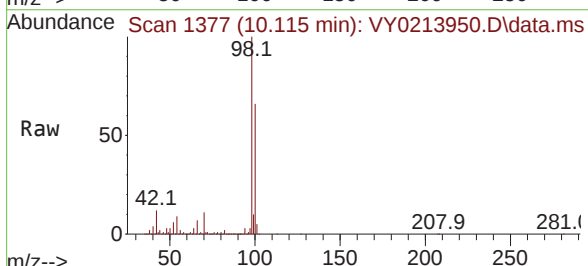
Acq: 04 Mar 2025 11:06

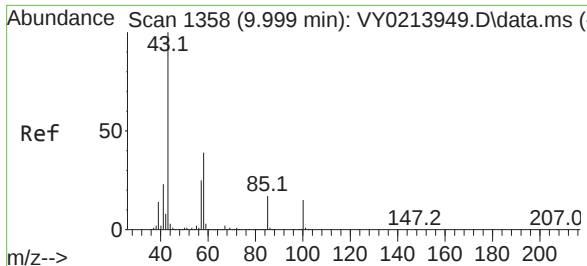
Tgt Ion: 98 Resp: 953319

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1

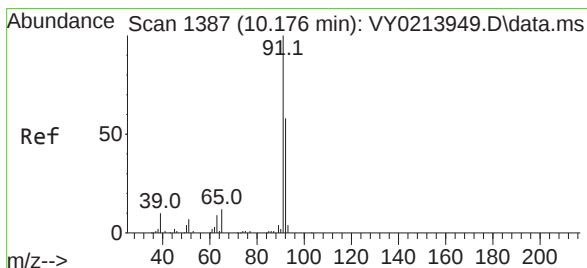
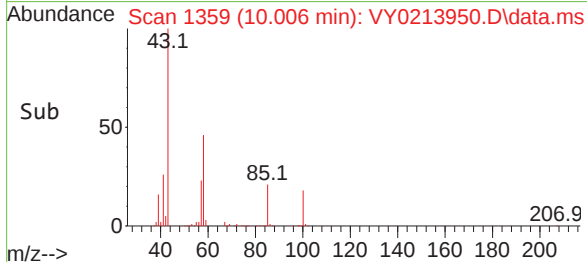
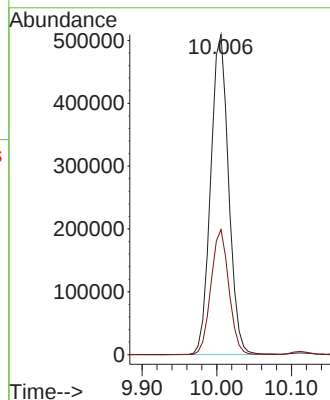
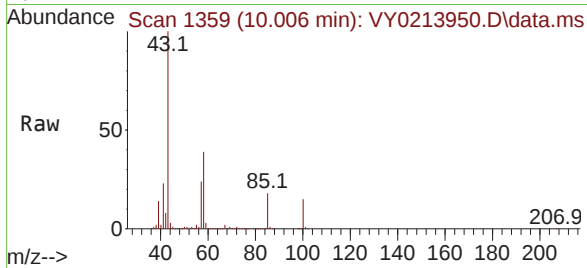




#51
4-Methyl-2-Pentanone
Concen: 504.998 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

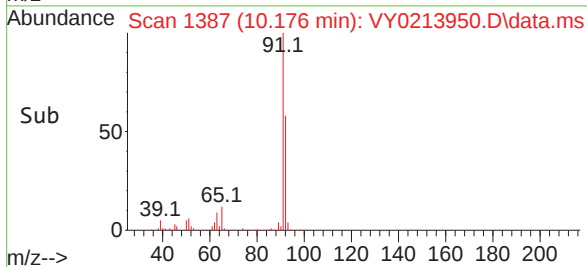
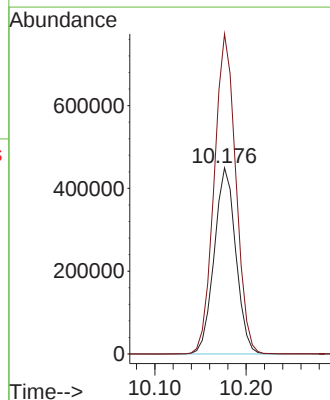
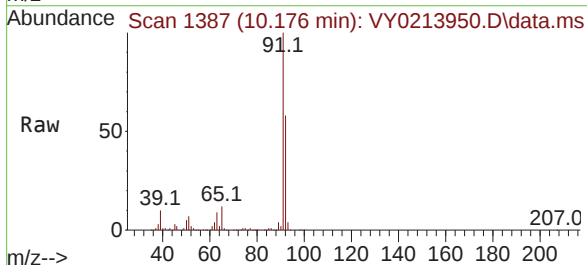
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

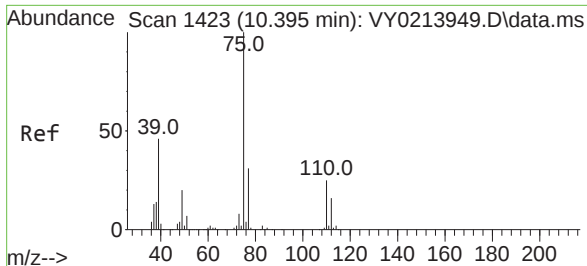
Tgt Ion: 43 Resp: 850519
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2



#52
Toluene
Concen: 104.377 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 92 Resp: 737467
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 105.356 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

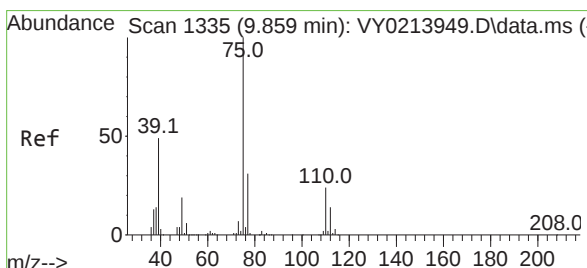
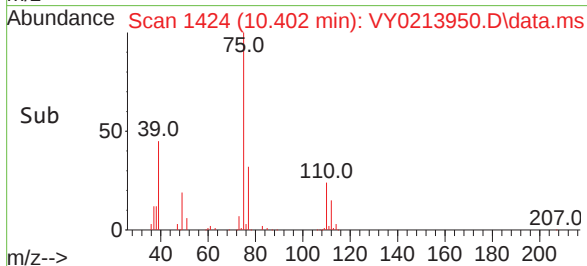
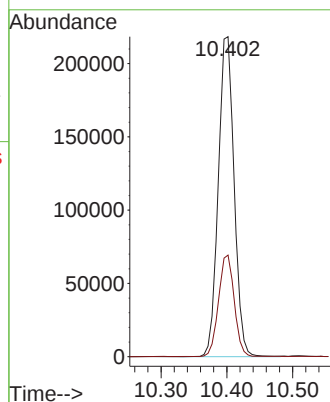
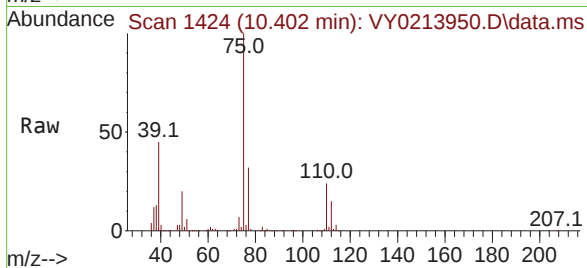
VSTDIC100

Tgt Ion: 75 Resp: 365825

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 103.894 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

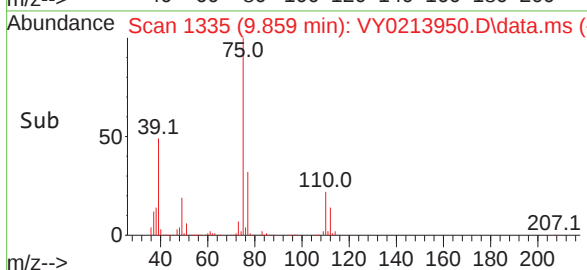
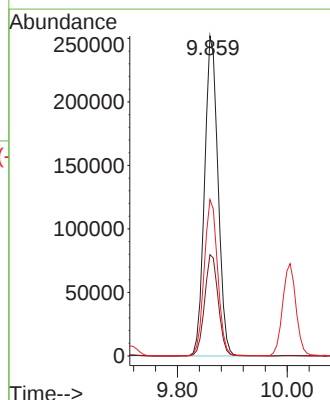
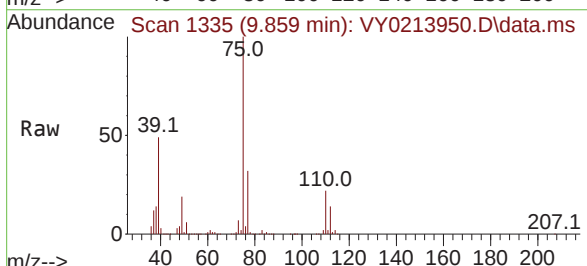
Tgt Ion: 75 Resp: 428305

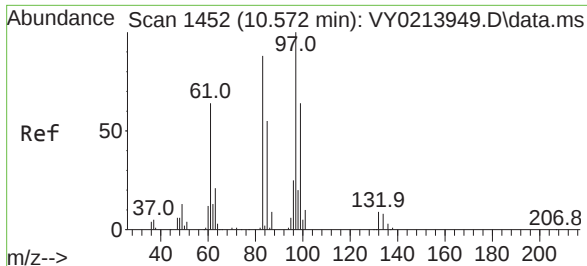
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 48.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 98.848 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 191894

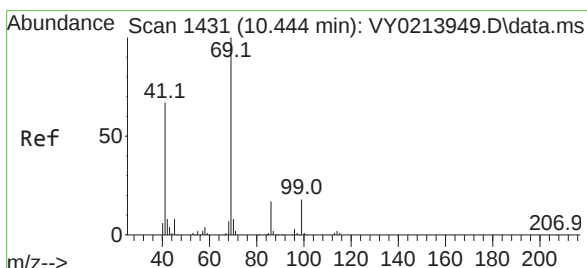
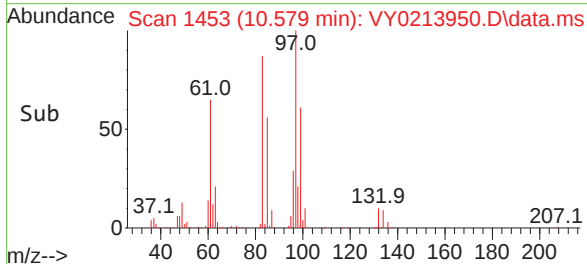
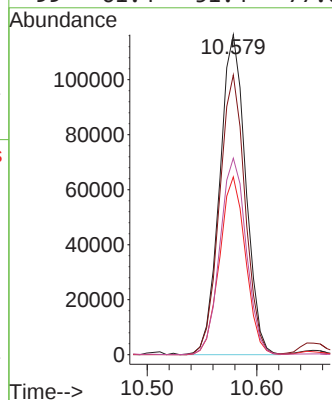
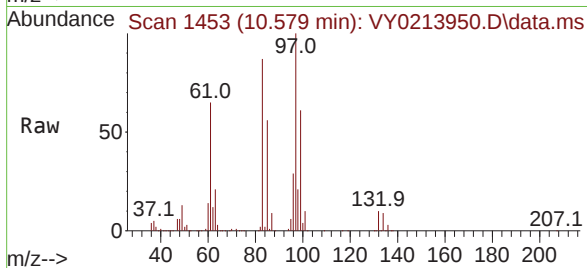
Ion Ratio Lower Upper

97 100

83 87.4 70.0 105.0

85 55.5 44.3 66.5

99 61.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 109.699 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

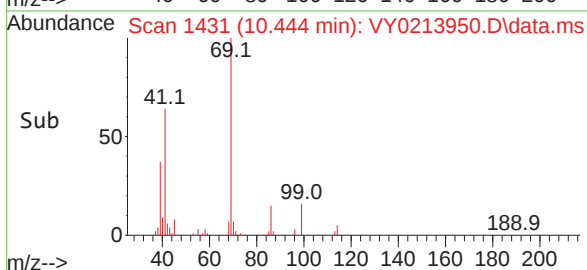
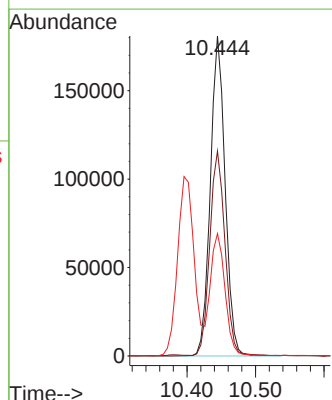
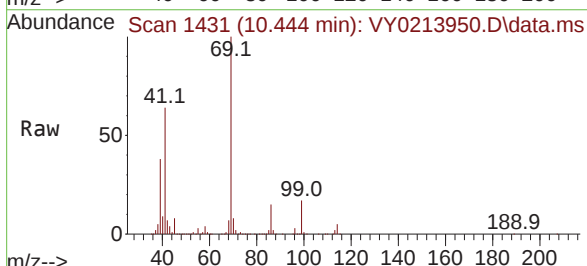
Tgt Ion: 69 Resp: 271599

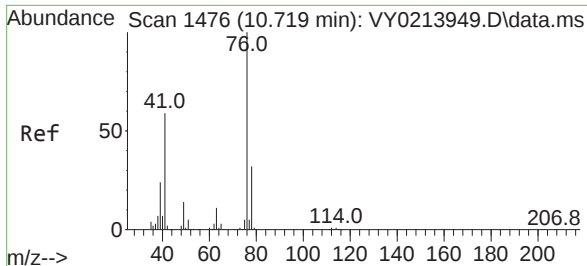
Ion Ratio Lower Upper

69 100

41 65.3 53.3 79.9

39 36.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 99.311 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

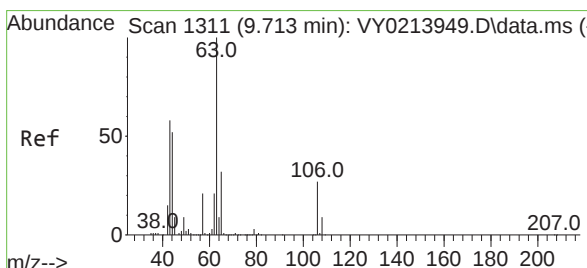
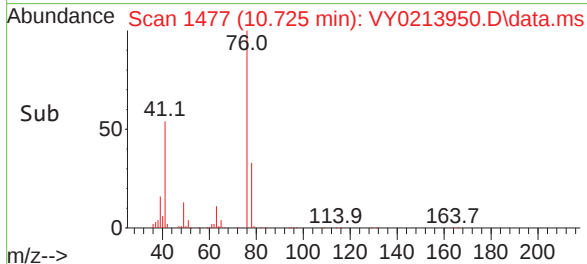
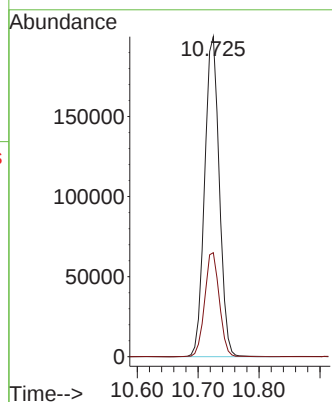
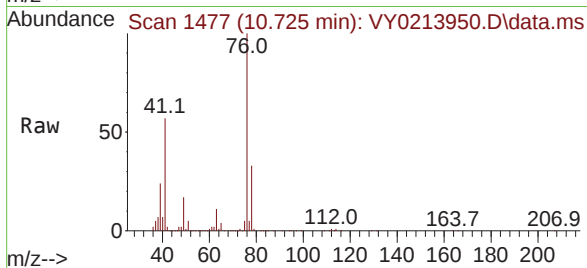
VSTDIC100

Tgt Ion: 76 Resp: 334146

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 525.670 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY0213950.D

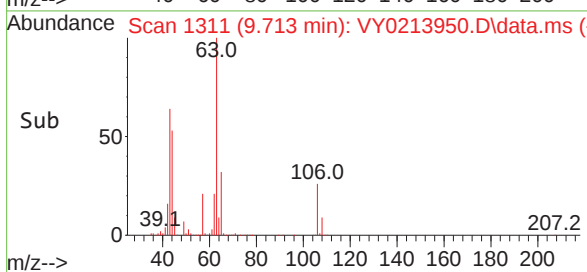
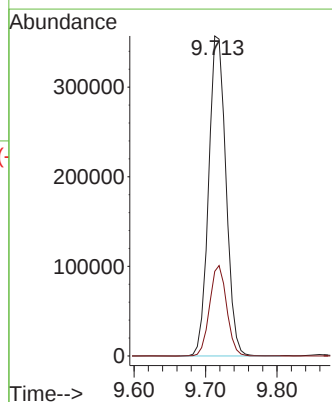
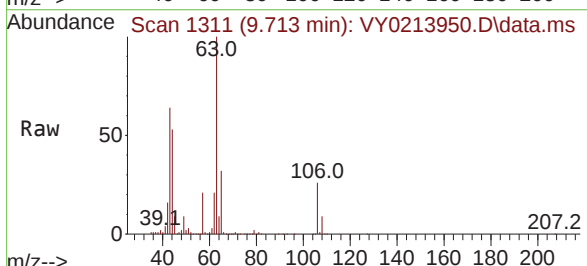
Acq: 04 Mar 2025 11:06

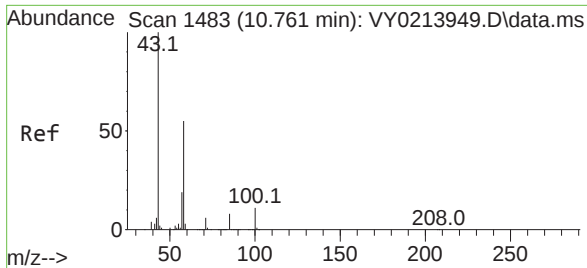
Tgt Ion: 63 Resp: 600796

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

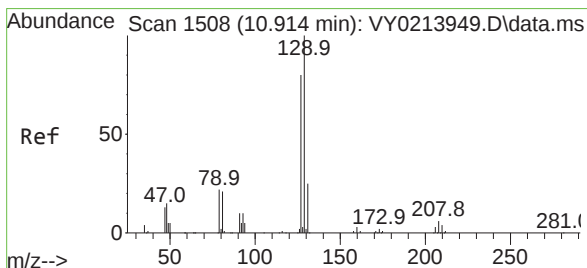
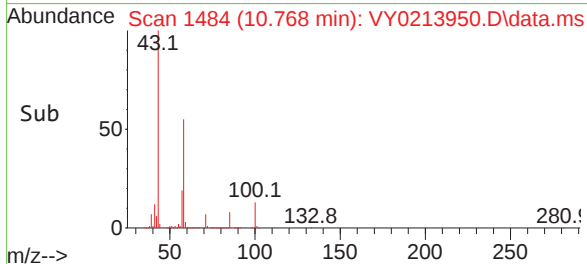
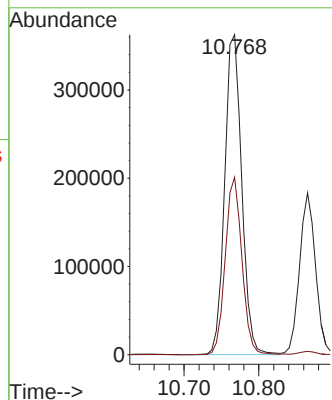
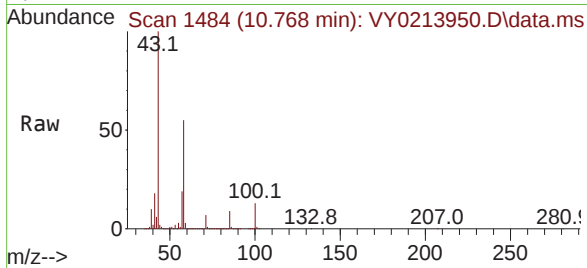




#59
2-Hexanone
Concen: 516.516 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

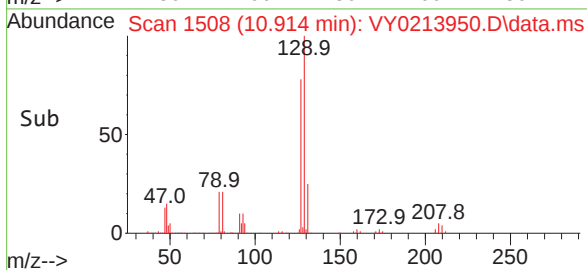
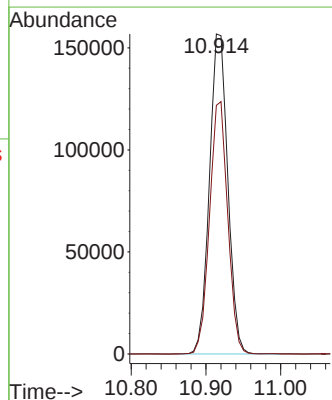
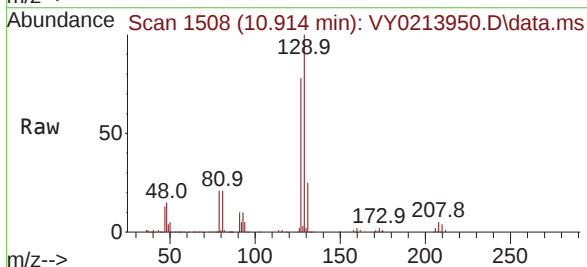
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

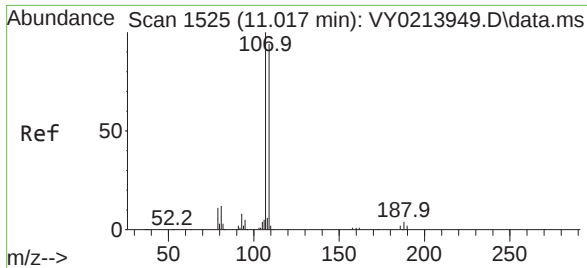
Tgt Ion: 43 Resp: 575211
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 100.834 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 129 Resp: 268359
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3

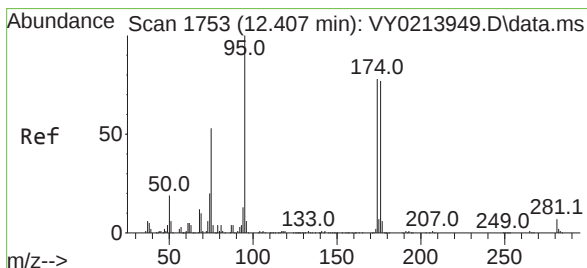
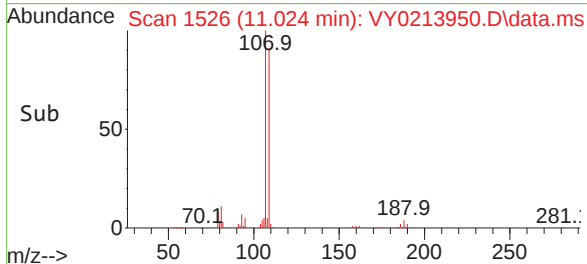
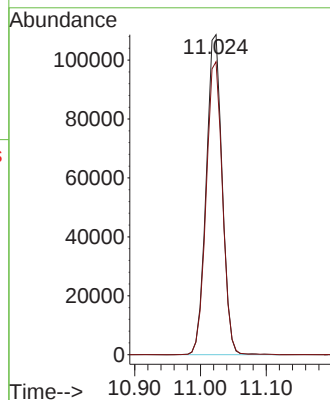
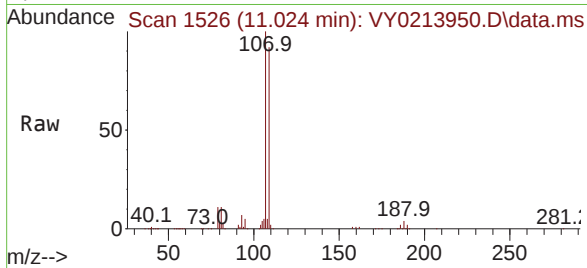




#61
1,2-Dibromoethane
Concen: 99.993 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

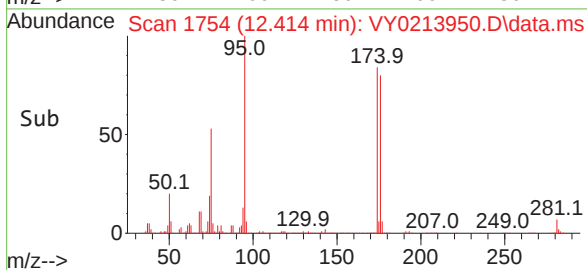
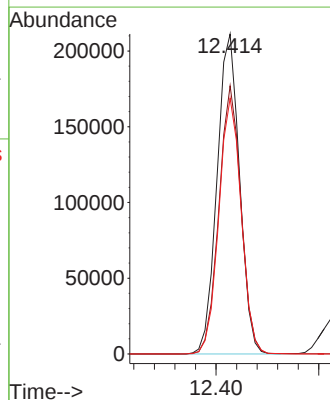
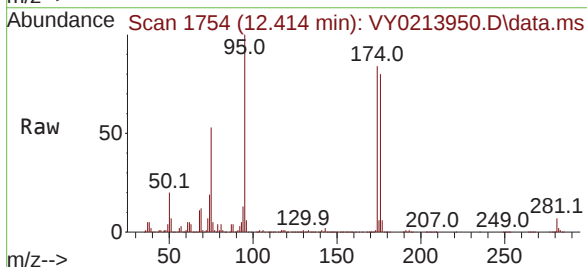
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

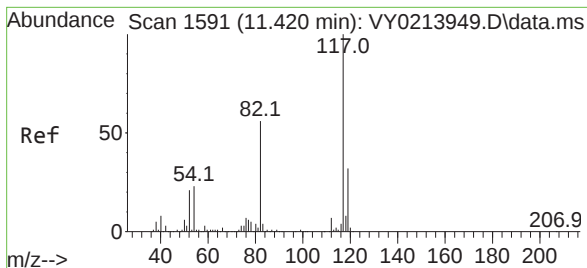
Tgt Ion:107 Resp: 183206
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 102.231 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 95 Resp: 320008
Ion Ratio Lower Upper
95 100
174 82.5 0.0 165.0
176 79.5 0.0 160.0

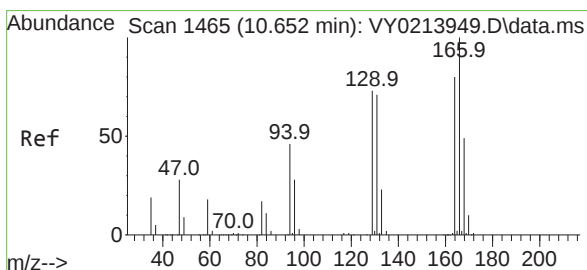
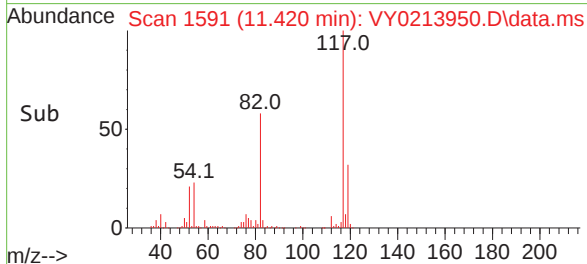
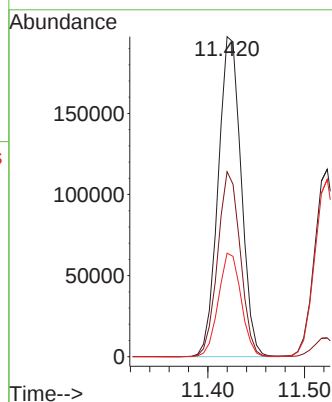
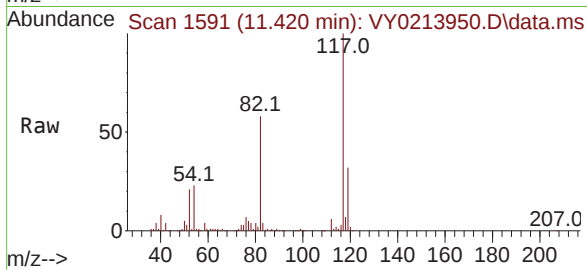




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

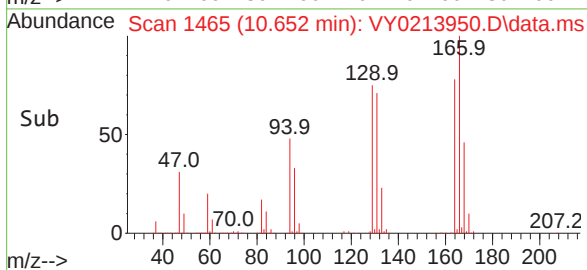
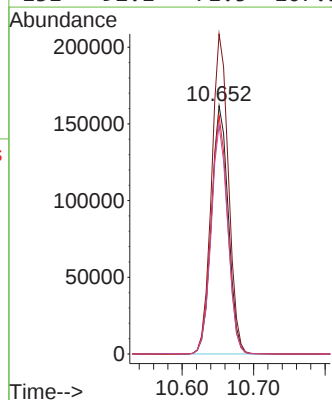
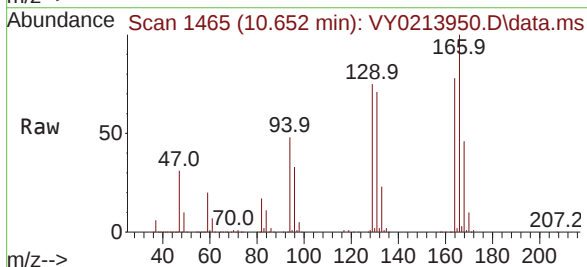
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

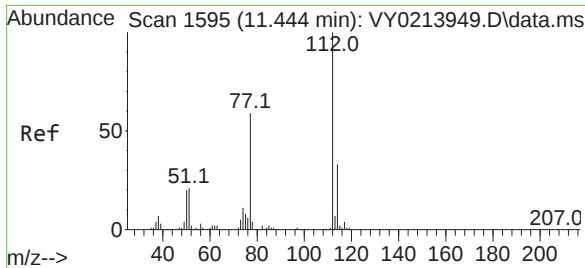
Tgt Ion:117 Resp: 325902
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 100.033 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:164 Resp: 265100
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 96.0 73.8 110.8
131 92.1 71.5 107.3

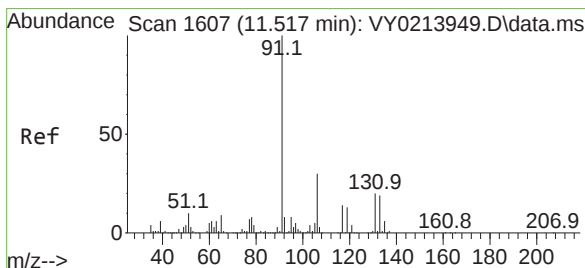
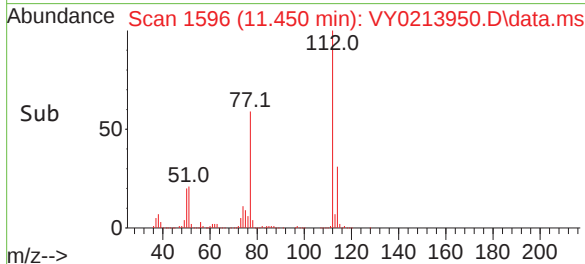
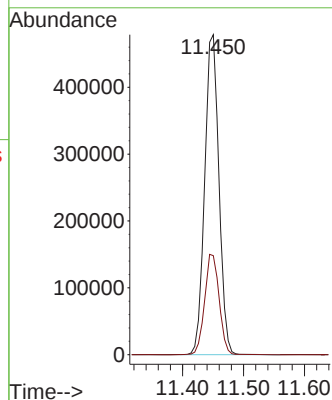
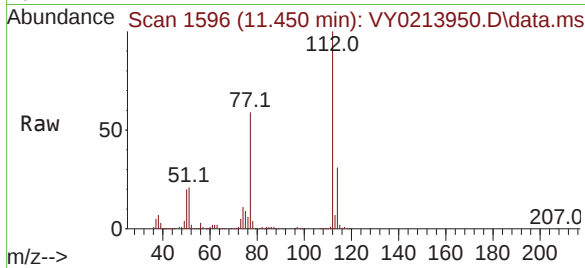




#65
Chlorobenzene
Concen: 100.956 ug/l
RT: 11.450 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

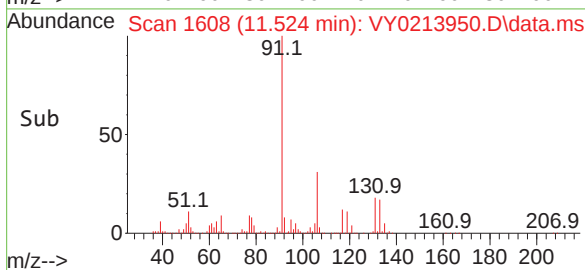
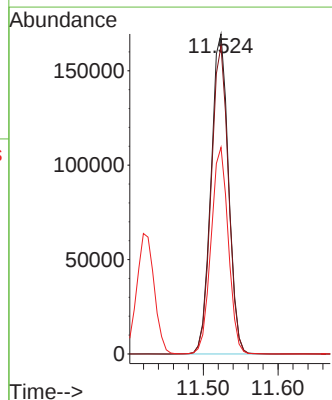
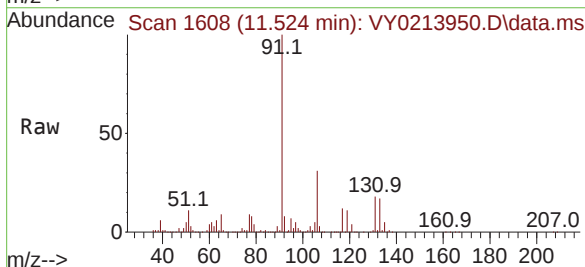
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

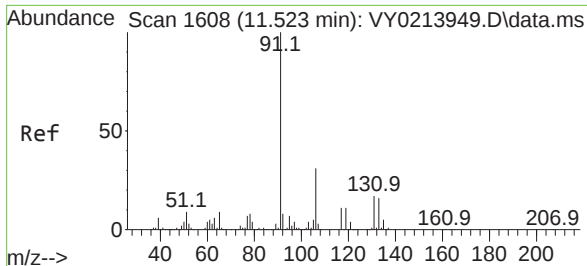
Tgt Ion:112 Resp: 776963
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 101.302 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:131 Resp: 275635
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 106.585 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

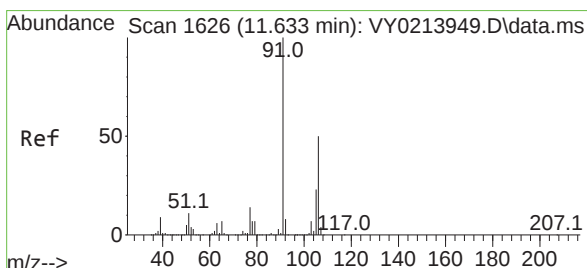
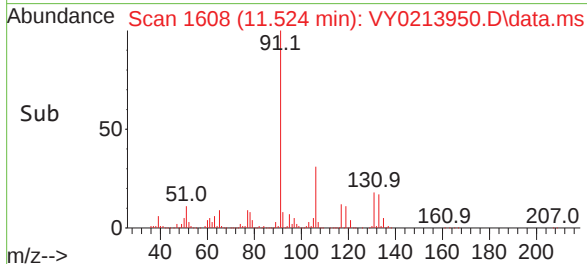
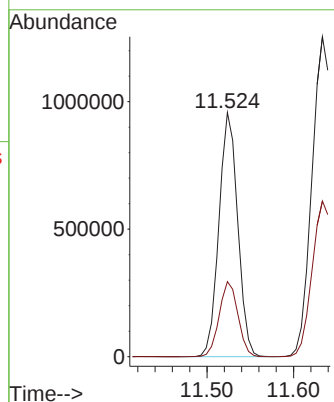
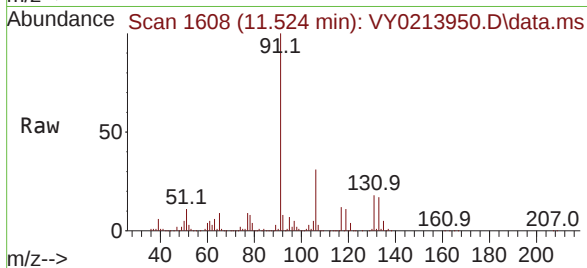
VSTDICC100

Tgt Ion: 91 Resp: 1439764

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 211.694 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY0213950.D

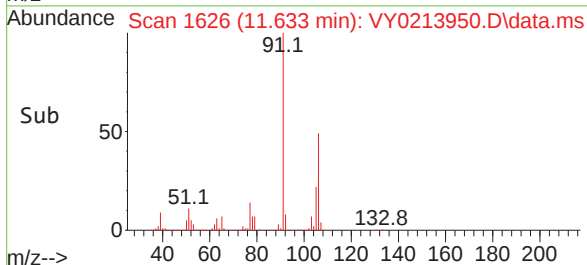
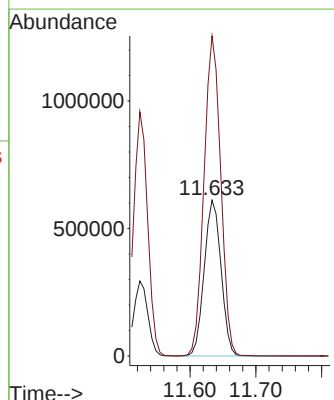
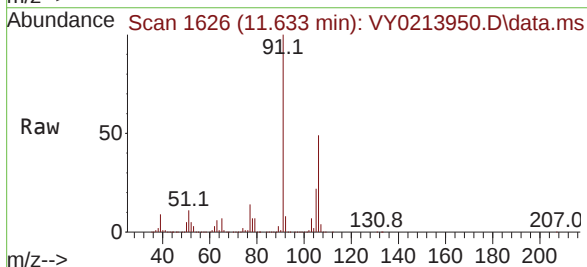
Acq: 04 Mar 2025 11:06

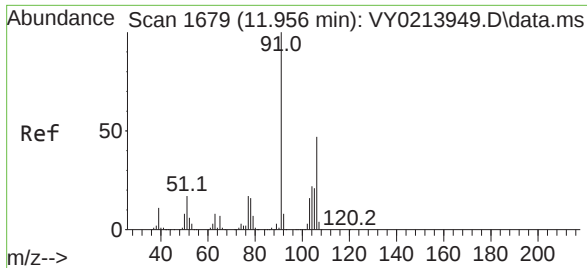
Tgt Ion:106 Resp: 1085642

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5

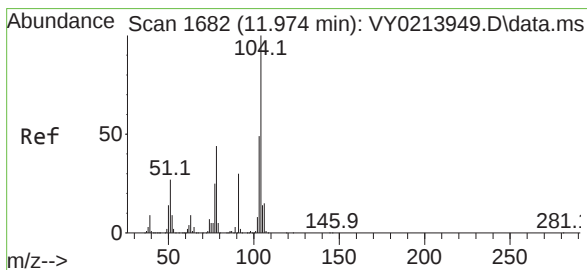
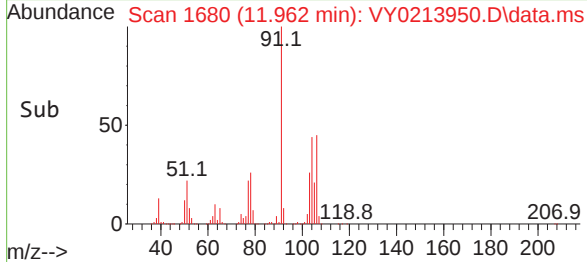
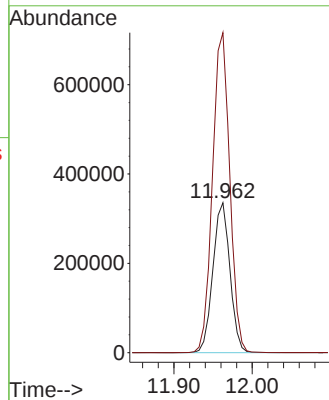
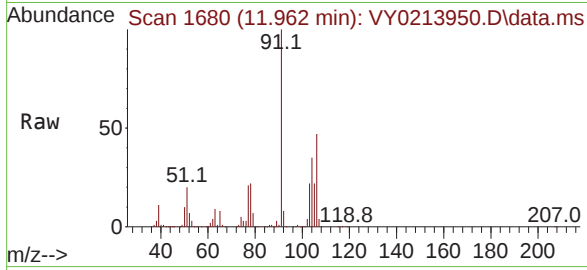




#69
o-Xylene
Concen: 107.399 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

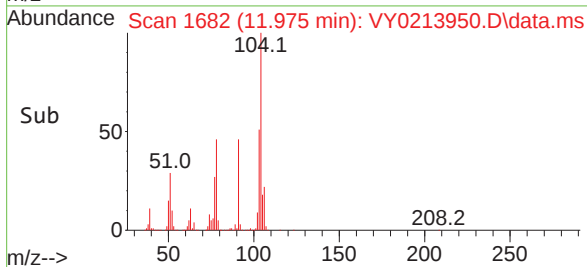
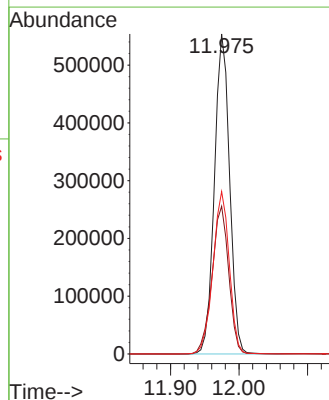
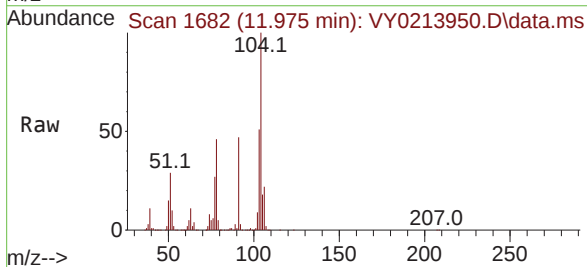
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

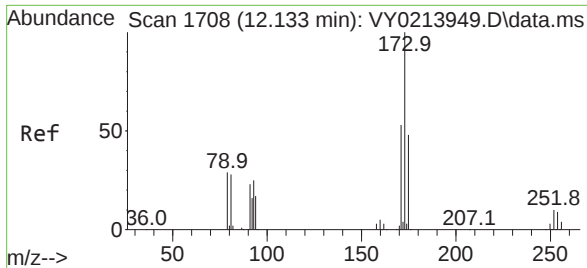
Tgt Ion:106 Resp: 507619
Ion Ratio Lower Upper
106 100
91 215.7 107.6 322.8



#70
Styrene
Concen: 108.590 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:104 Resp: 851456
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.6 44.1 66.1

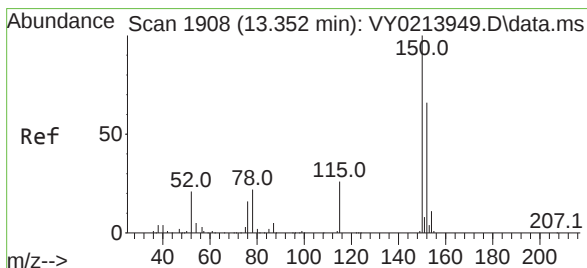
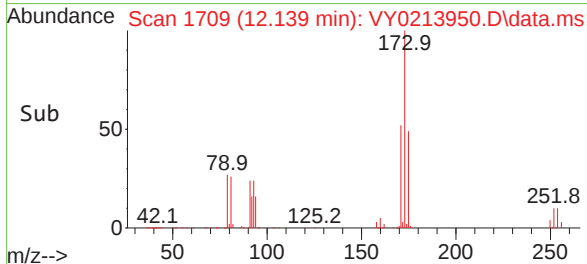
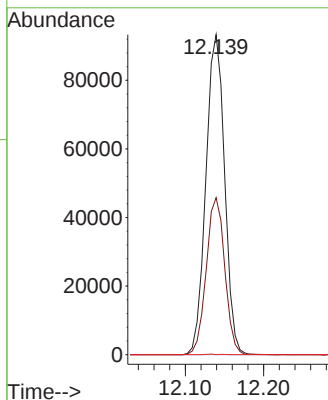
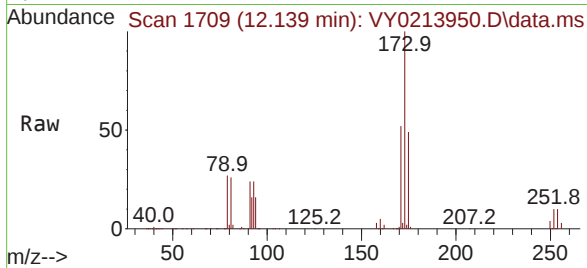




#71
Bromoform
Concen: 101.579 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

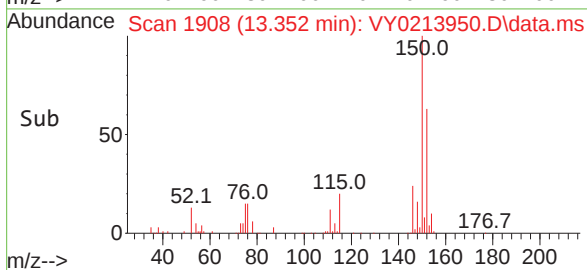
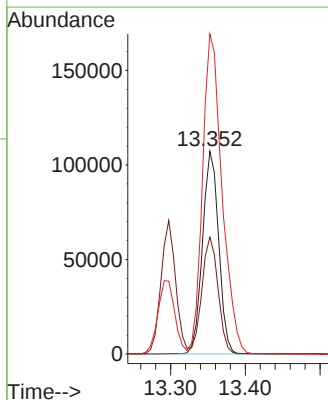
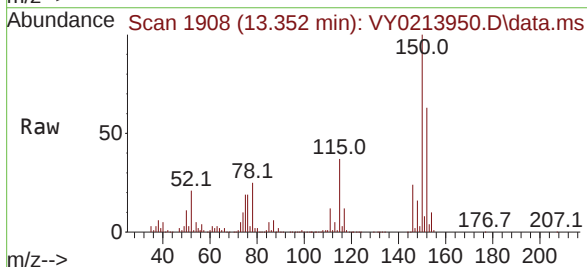
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

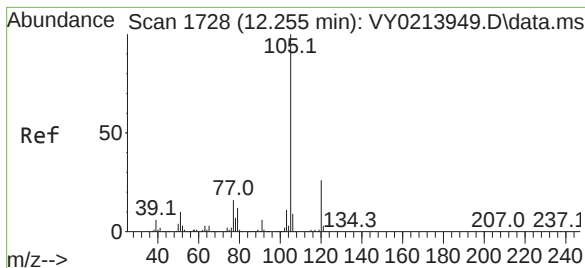
Tgt Ion:173 Resp: 154505
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:152 Resp: 161237
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 190.1 0.0 347.2

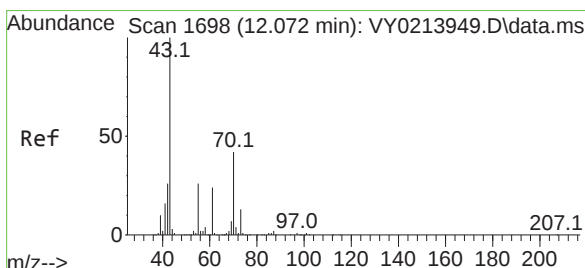
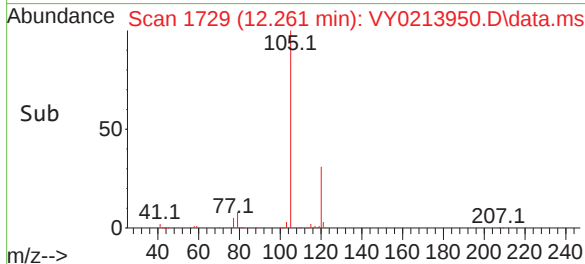
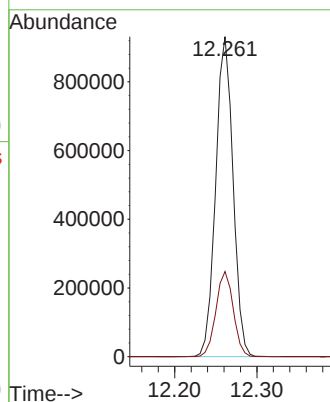
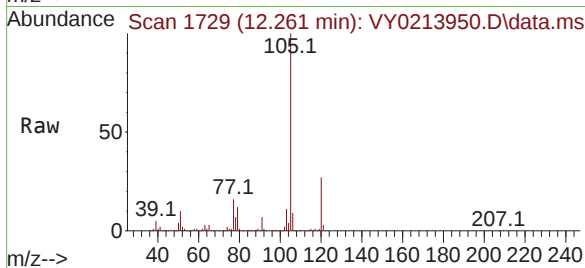




#73
Isopropylbenzene
Concen: 107.432 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

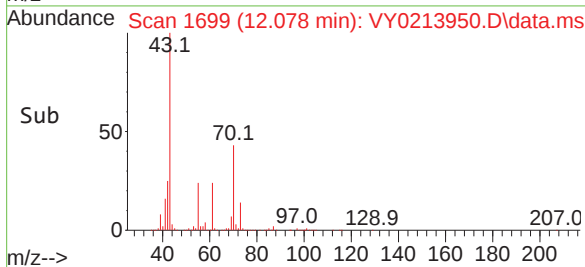
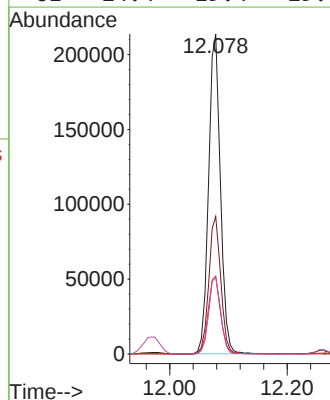
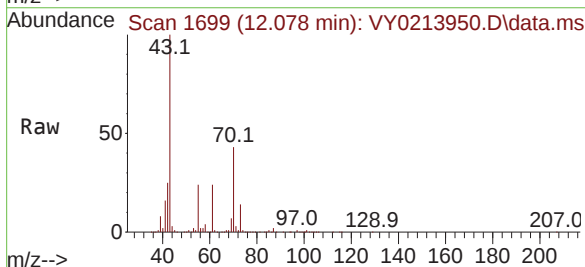
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

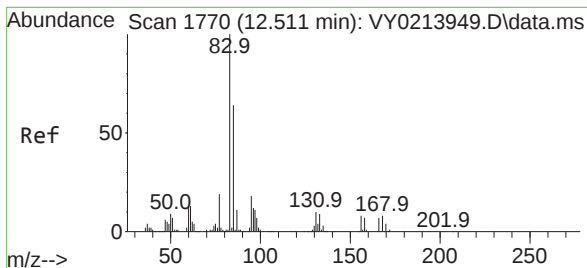
Tgt Ion:105 Resp: 1364499
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 108.151 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 43 Resp: 298318
Ion Ratio Lower Upper
43 100
70 43.4 34.6 51.8
55 25.5 21.1 31.7
61 24.4 19.4 29.0

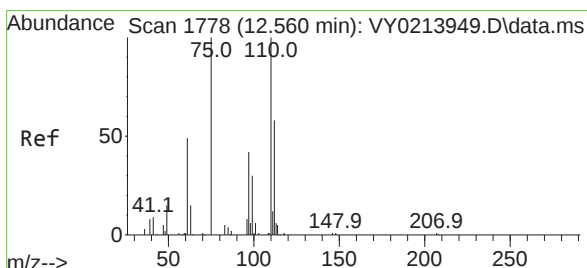
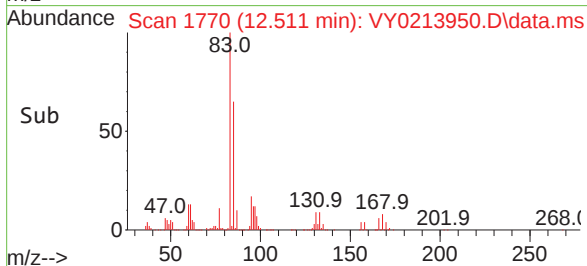
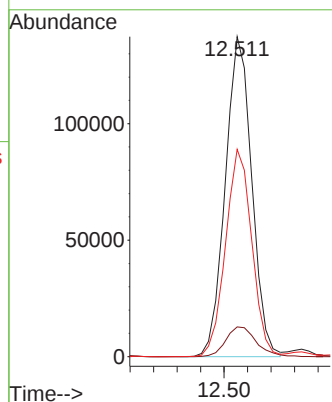
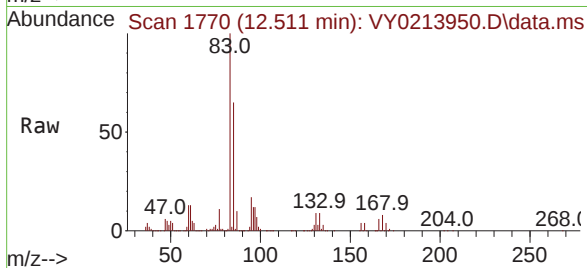




#75
 1,1,2,2-Tetrachloroethane
 Concen: 96.028 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

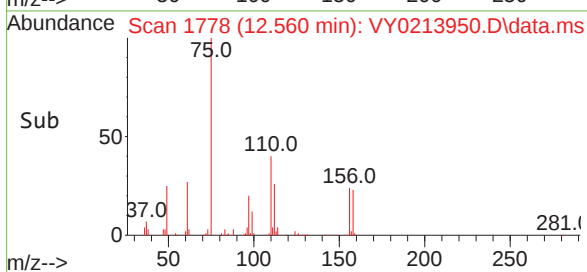
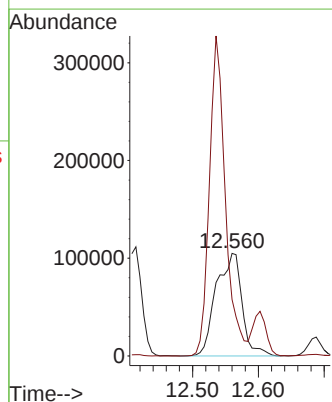
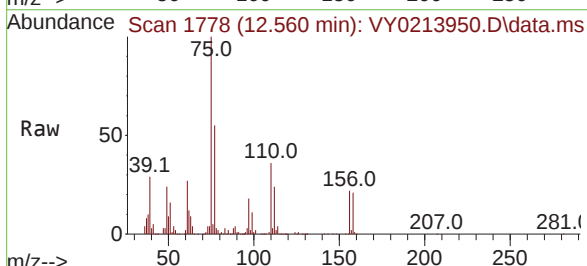
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

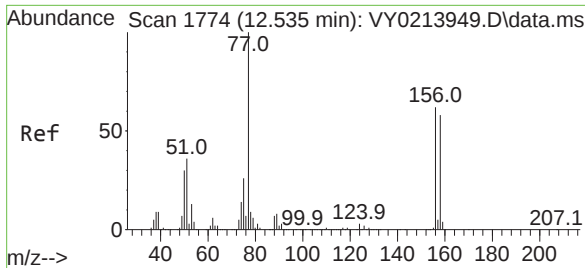
Tgt Ion: 83 Resp: 215229
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 64.2 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 176.973 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion: 75 Resp: 287539
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

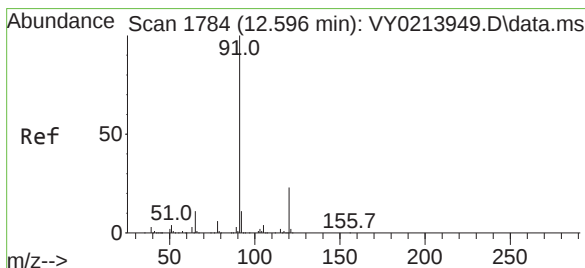
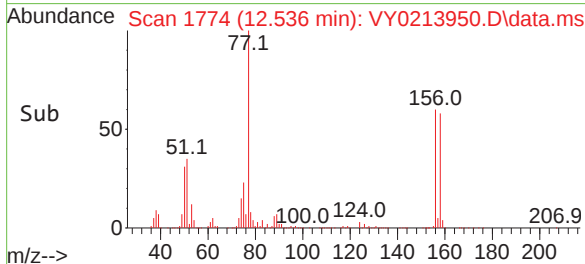
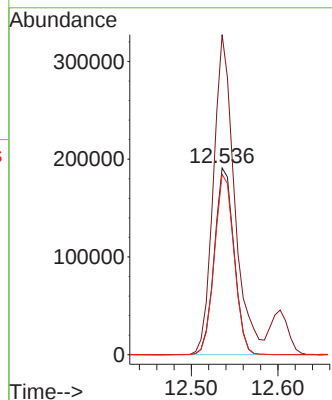
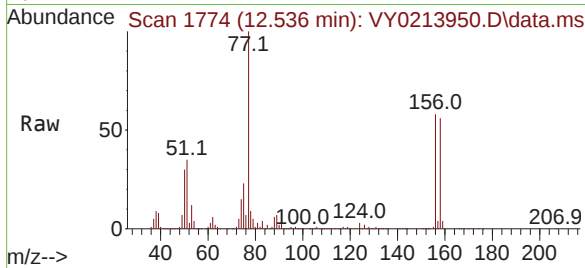




#77
Bromobenzene
Concen: 101.611 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

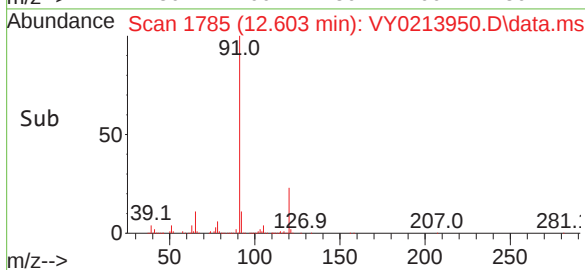
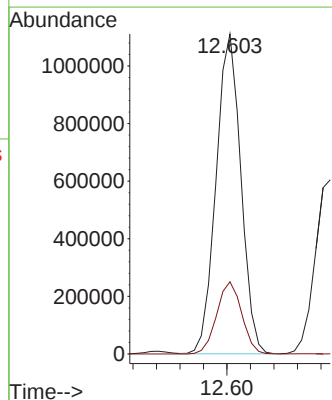
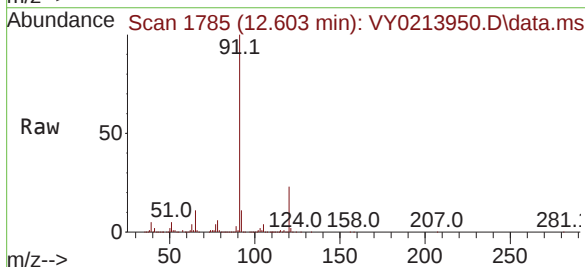
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

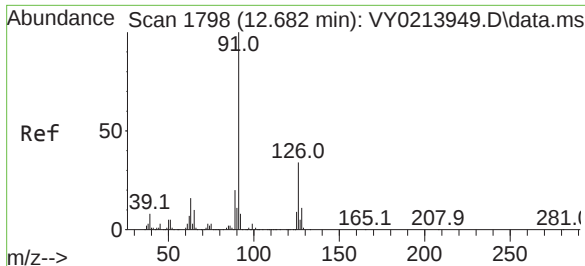
Tgt Ion:156 Resp: 301928
Ion Ratio Lower Upper
156 100
77 184.8 93.6 280.8
158 96.4 48.3 144.8



#78
n-propylbenzene
Concen: 105.485 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 1627111
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 103.236 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.006 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

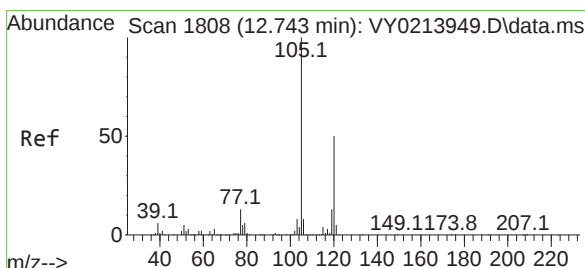
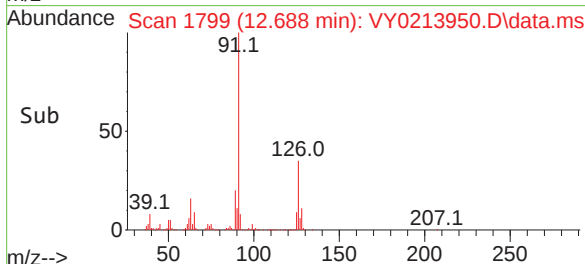
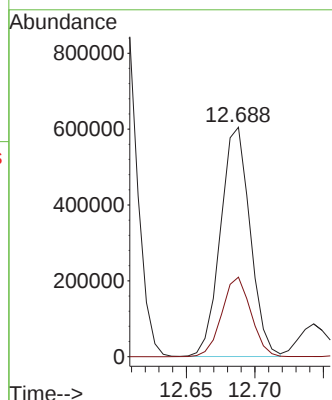
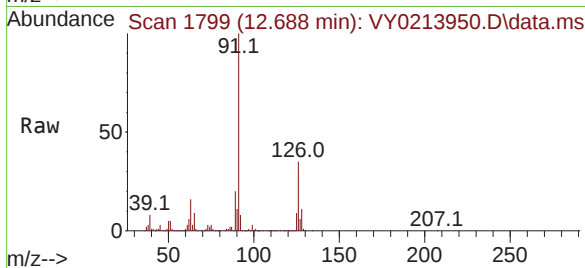
VSTDIC100

Tgt Ion: 91 Resp: 910543

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 105.392 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY0213950.D

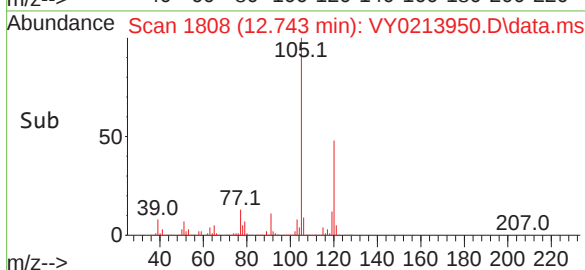
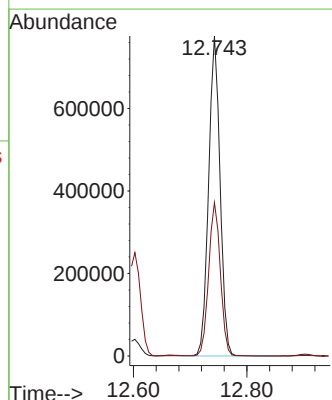
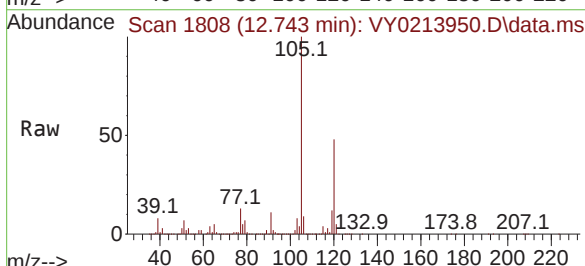
Acq: 04 Mar 2025 11:06

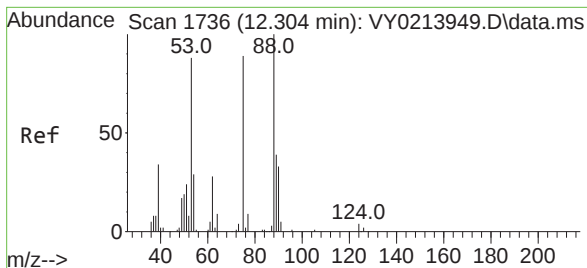
Tgt Ion: 105 Resp: 1087821

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6

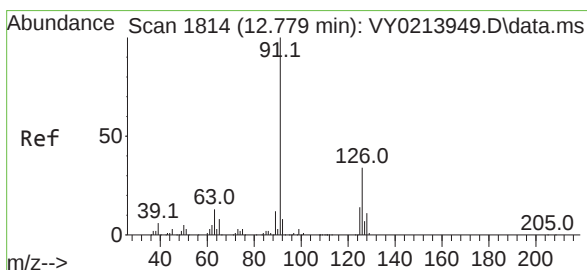
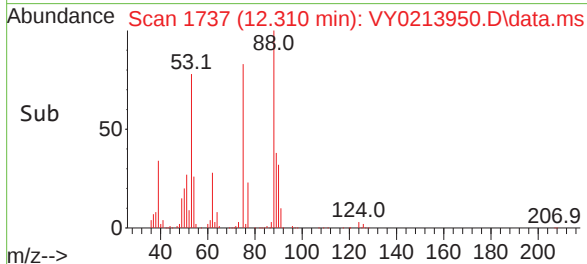
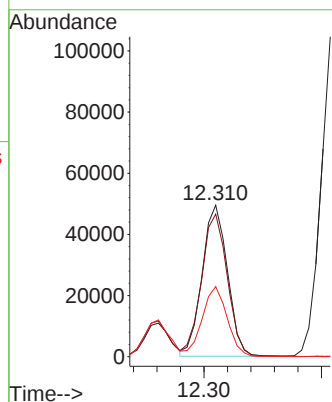
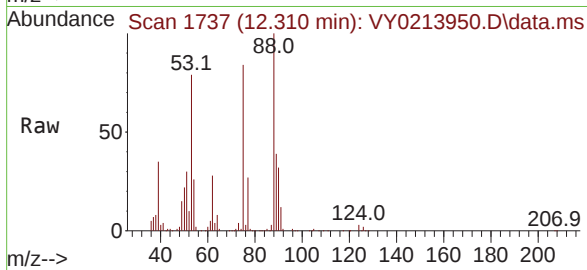




#81
trans-1,4-Dichloro-2-butene
Concen: 103.120 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

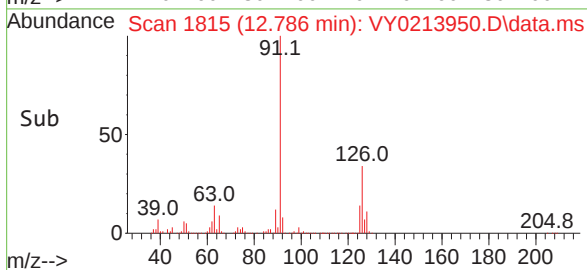
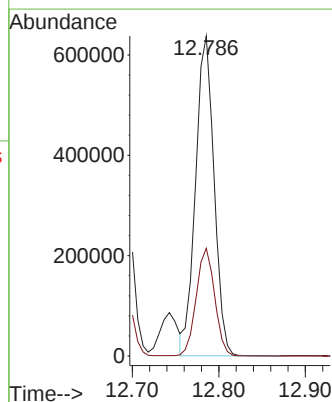
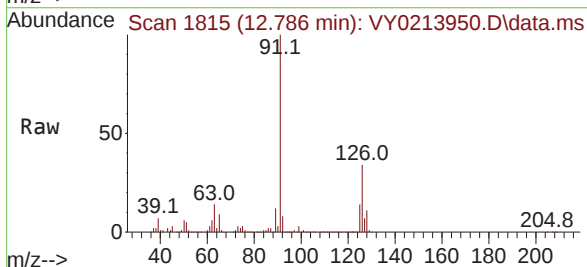
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

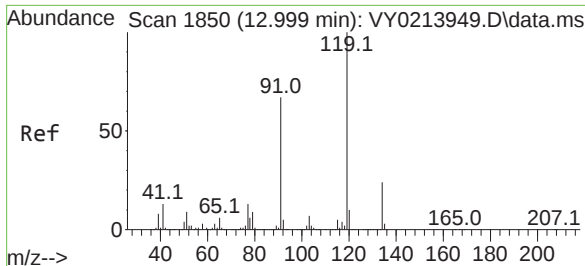
Tgt Ion: 75 Resp: 73701
Ion Ratio Lower Upper
75 100
53 97.5 81.0 121.4
89 46.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 103.470 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 91 Resp: 945021
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

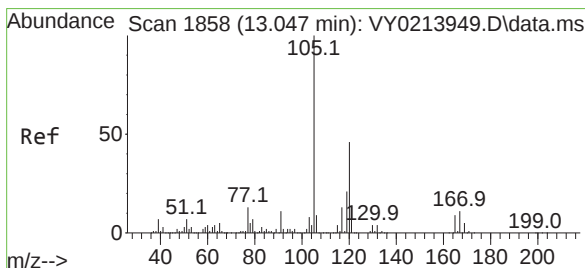
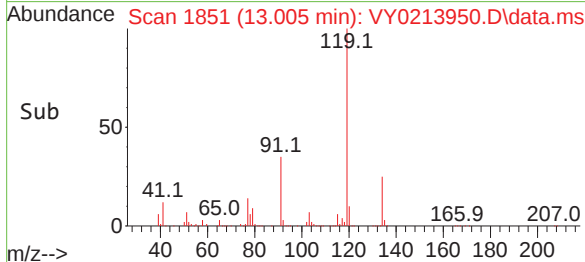
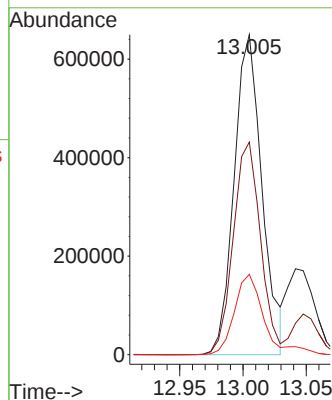
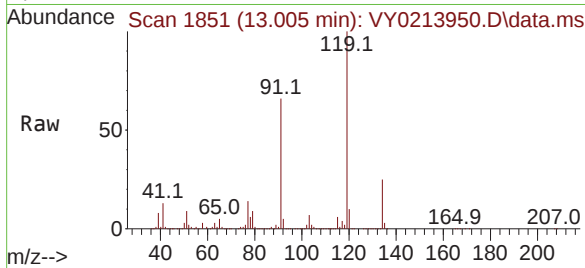




#83
 tert-Butylbenzene
 Concen: 108.425 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

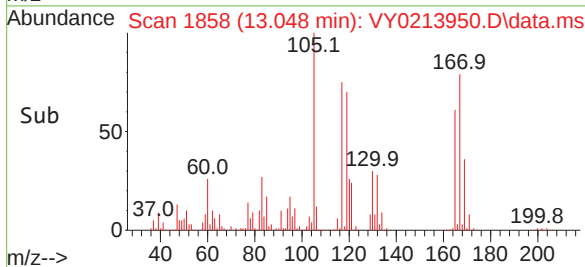
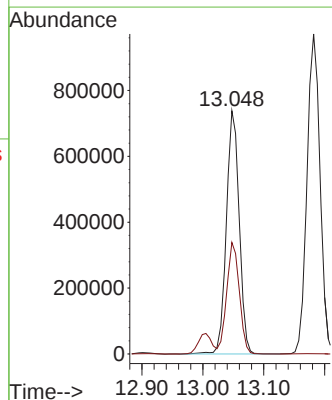
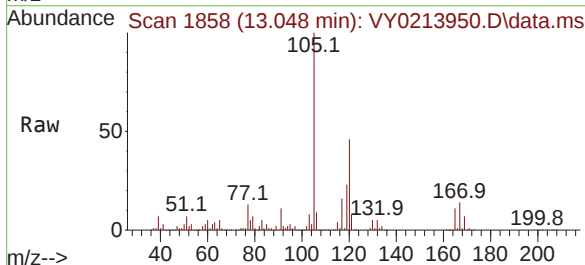
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

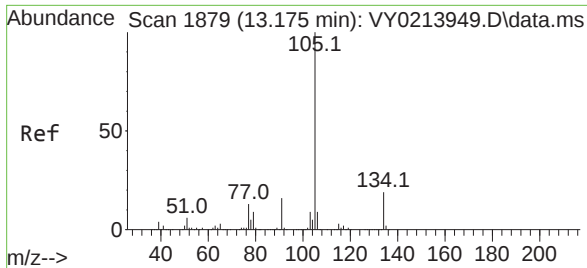
Tgt Ion:119 Resp: 998366
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.2 99.6
 134 26.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 105.512 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion:105 Resp: 1081299
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1

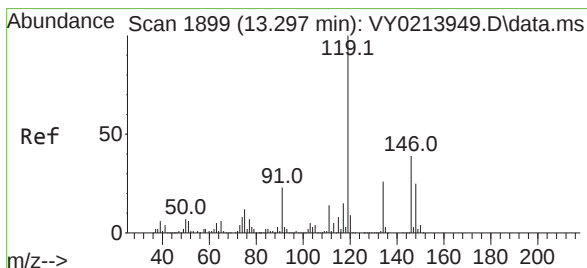
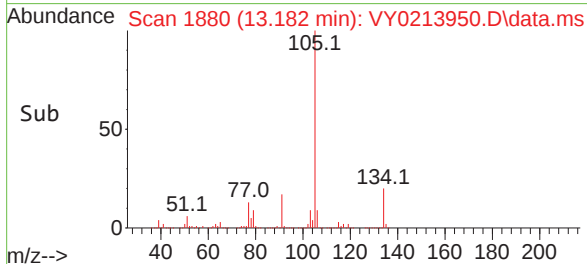
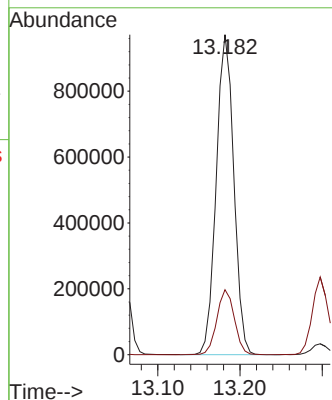
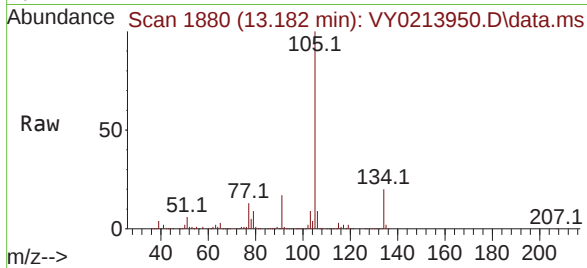




#85
 sec-Butylbenzene
 Concen: 105.232 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

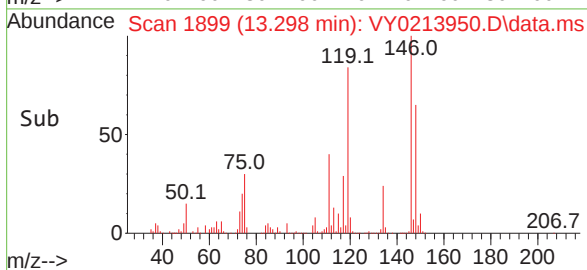
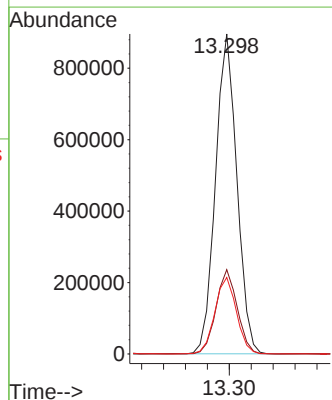
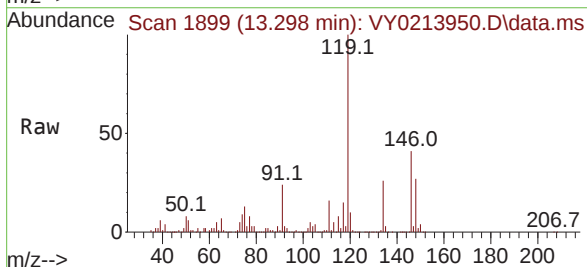
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

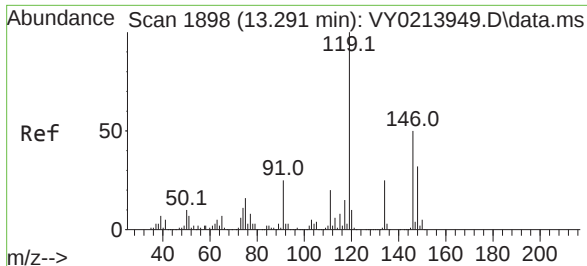
Tgt Ion:105 Resp: 1441675
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 107.466 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion:119 Resp: 1212941
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.2 12.2 36.6

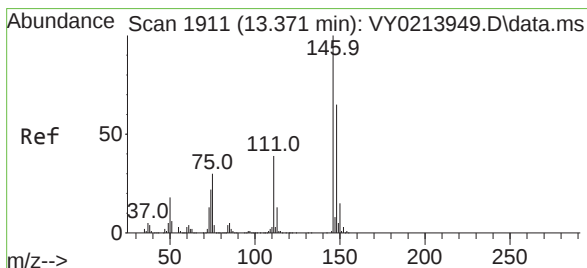
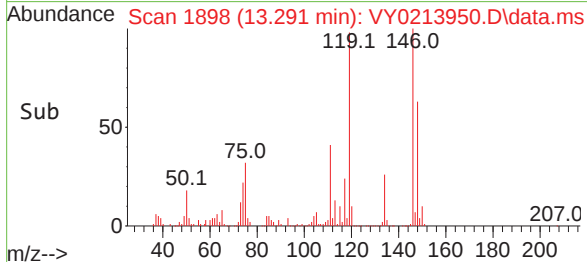
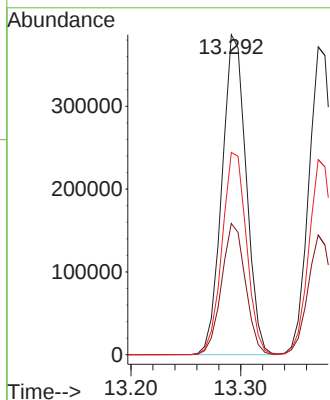
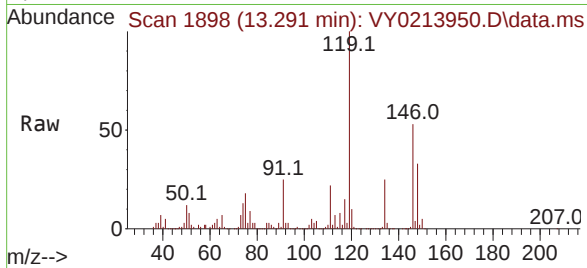




#87
1,3-Dichlorobenzene
Concen: 100.292 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

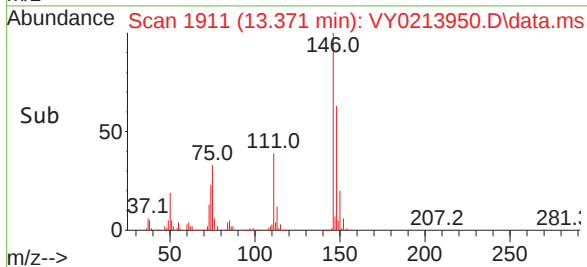
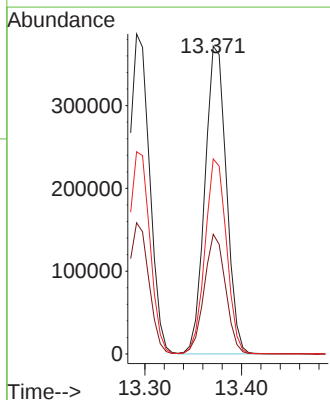
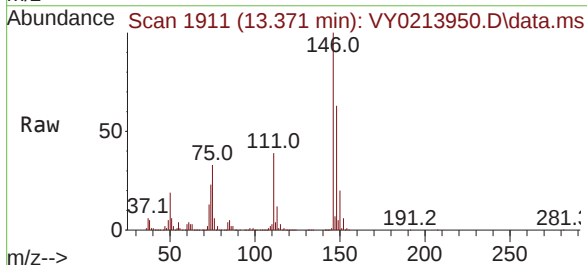
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

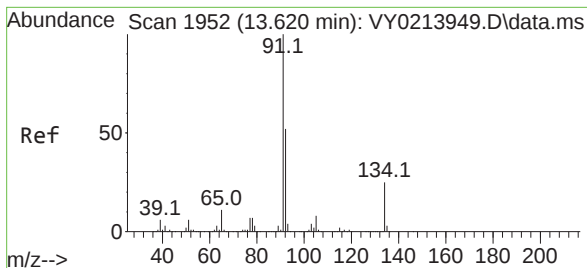
Tgt Ion:146 Resp: 593203
Ion Ratio Lower Upper
146 100
111 40.4 20.0 60.0
148 63.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 99.419 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion:146 Resp: 575089
Ion Ratio Lower Upper
146 100
111 38.6 19.6 58.8
148 63.3 32.3 96.8

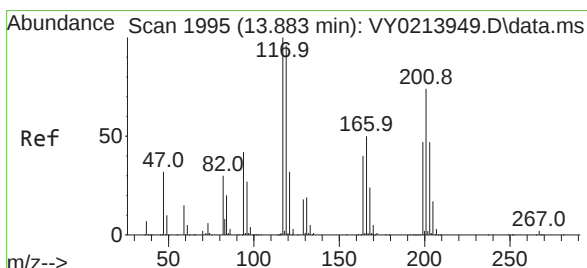
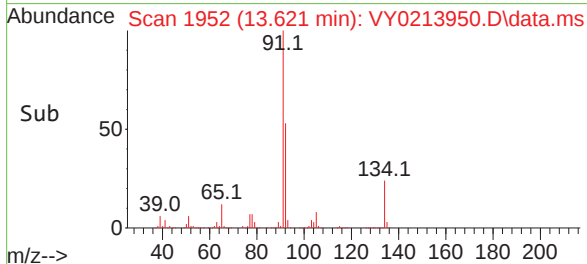
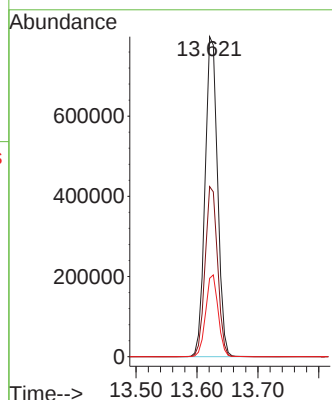
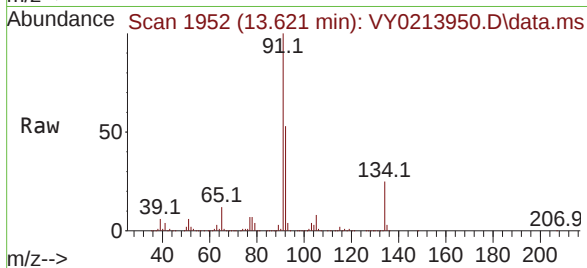




#89
n-Butylbenzene
Concen: 109.374 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

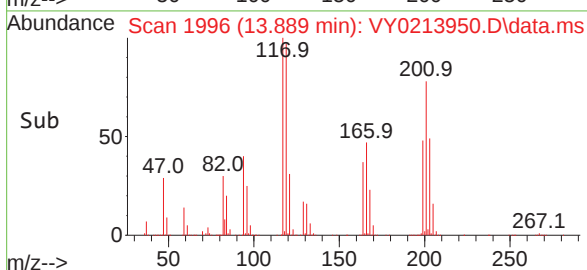
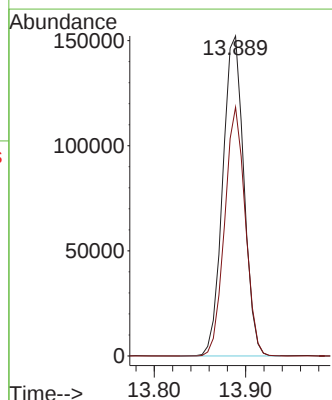
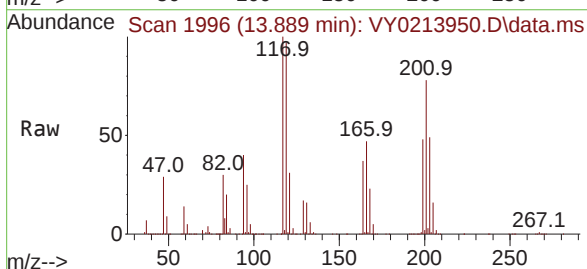
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

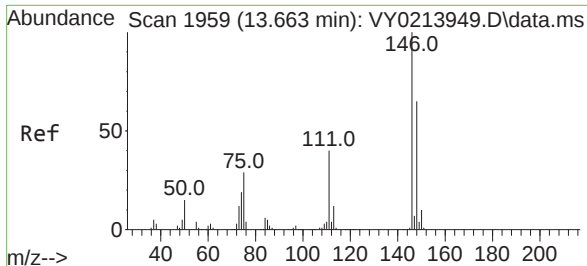
Tgt Ion: 91 Resp: 1139920
Ion Ratio Lower Upper
91 100
92 53.2 26.1 78.3
134 25.5 12.6 37.8



#90
Hexachloroethane
Concen: 101.612 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY0213950.D
Acq: 04 Mar 2025 11:06

Tgt Ion: 117 Resp: 244664
Ion Ratio Lower Upper
117 100
201 75.6 37.4 112.2

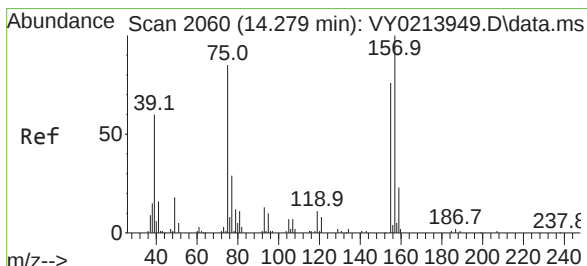
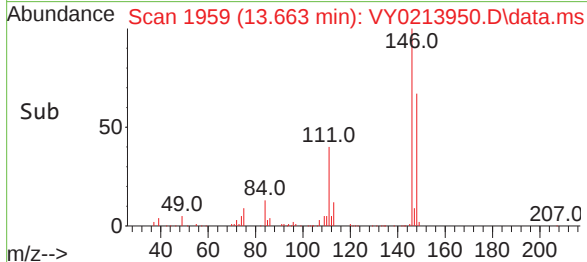
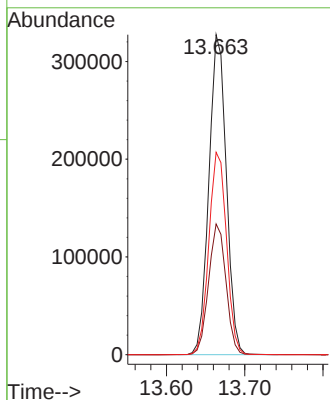
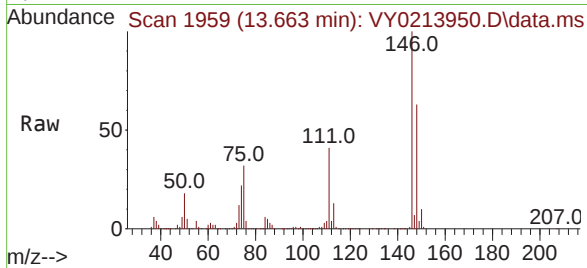




#91
 1,2-Dichlorobenzene
 Concen: 99.761 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

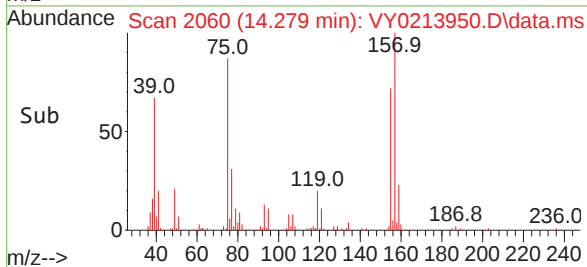
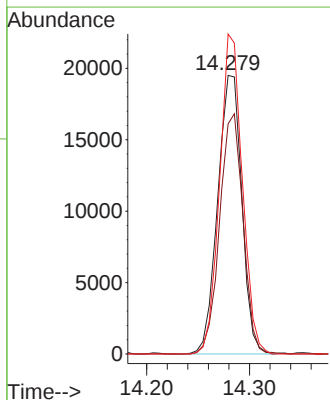
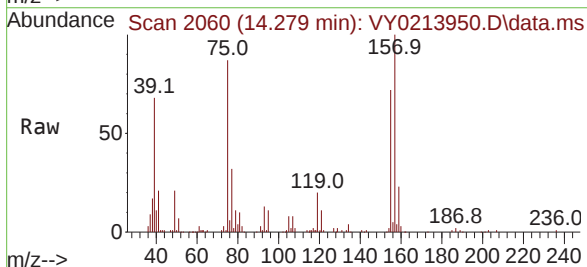
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 MSVOA_Y
 ClientSampleId :
 VSTDIC100

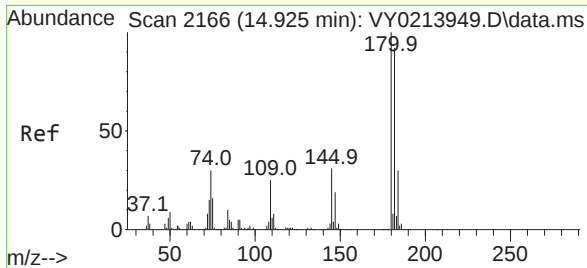
Tgt Ion:146 Resp: 505733
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.7 62.1
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.443 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion: 75 Resp: 31708
 Ion Ratio Lower Upper
 75 100
 155 83.8 43.5 130.5
 157 108.1 54.4 163.2

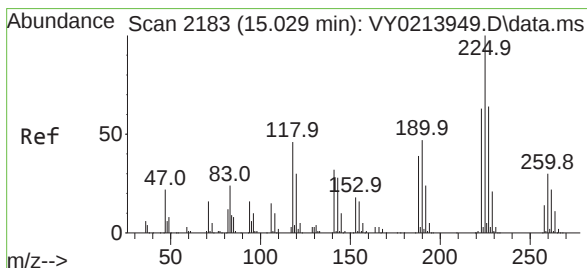
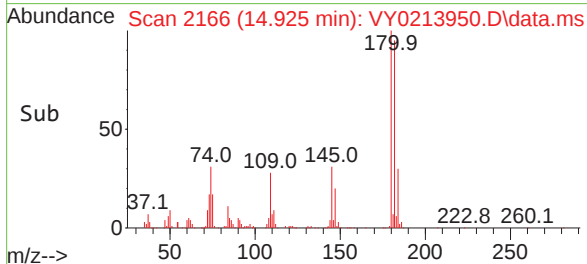
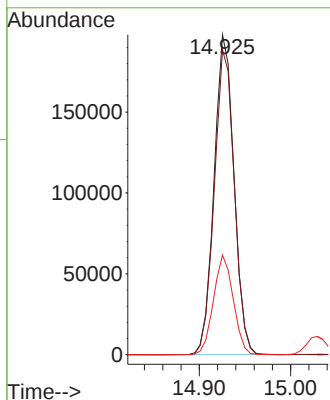
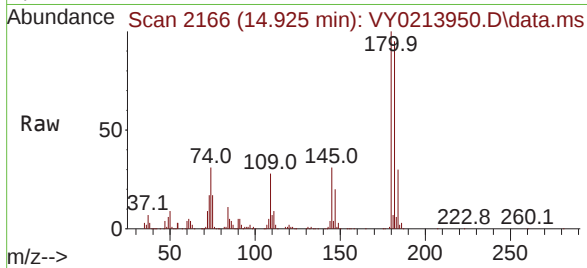




#93
 1,2,4-Trichlorobenzene
 Concen: 107.869 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

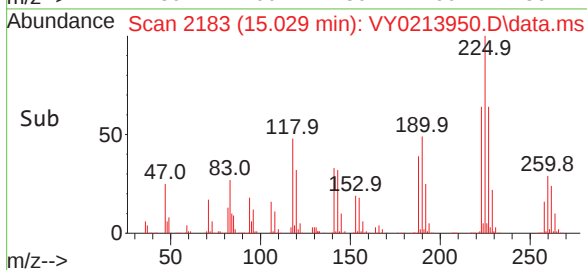
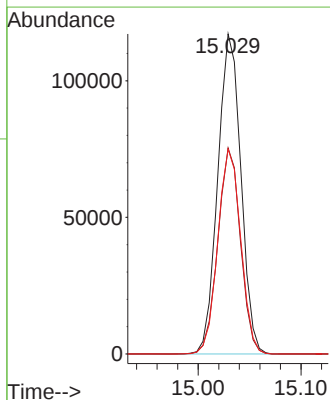
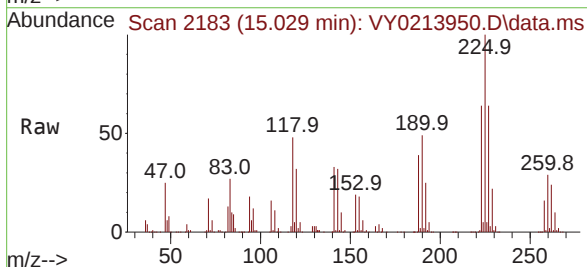
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

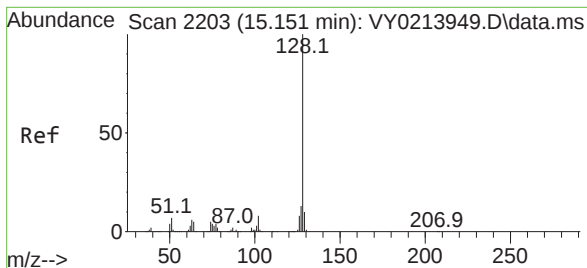
Tgt Ion:180 Resp: 298684
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.7 140.0
 145 30.9 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 105.287 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY0213950.D
 Acq: 04 Mar 2025 11:06

Tgt Ion:225 Resp: 182747
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 63.5 31.8 95.4





#95

Naphthalene

Concen: 97.607 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

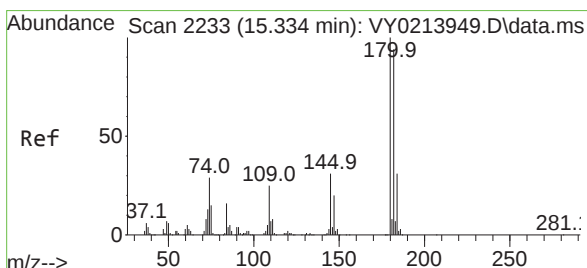
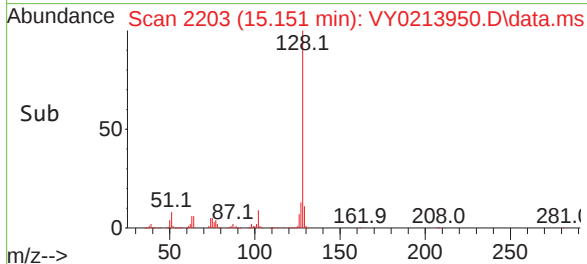
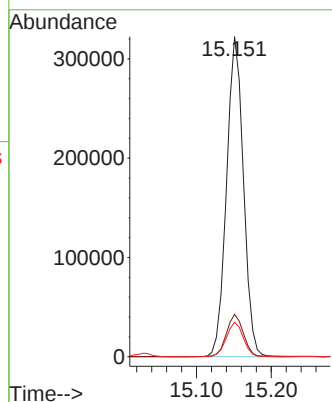
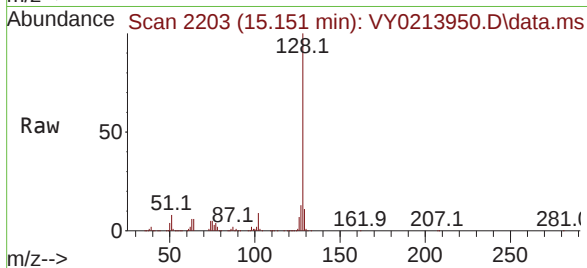
Tgt Ion:128 Resp: 506570

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 106.805 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY0213950.D

Acq: 04 Mar 2025 11:06

Tgt Ion:180 Resp: 248728

Ion Ratio Lower Upper

180 100

182 95.0 47.2 141.6

145 32.0 16.4 49.1

