

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022487.D
 Acq On : 30 May 2025 18:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 02:32:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	182387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	316610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	267381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111525	58.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.100%	
35) Dibromofluoromethane	7.640	113	103292	55.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.103	98	410646	54.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.402	95	123471	54.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	75945	43.644	ug/l	99
3) Chloromethane	2.068	50	213948	49.985	ug/l	96
4) Vinyl Chloride	2.202	62	296026	56.930	ug/l	100
5) Bromomethane	2.592	94	242297	51.277	ug/l	95
6) Chloroethane	2.733	64	209142	61.551	ug/l	97
7) Trichlorofluoromethane	3.050	101	246213	56.121	ug/l	100
8) Diethyl Ether	3.452	74	55693	55.055	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	97391	50.600	ug/l	99
10) Methyl Iodide	4.001	142	115907	53.378	ug/l	98
11) Tert butyl alcohol	4.866	59	37897	279.863	ug/l	100
12) 1,1-Dichloroethene	3.787	96	97225	50.879	ug/l	97
13) Acrolein	3.647	56	36433	179.564	ug/l	98
14) Allyl chloride	4.379	41	152933	53.203	ug/l	98
15) Acrylonitrile	5.055	53	117940	289.248	ug/l	99
16) Acetone	3.873	43	99875	316.378	ug/l #	87
17) Carbon Disulfide	4.104	76	306234	50.218	ug/l	98
18) Methyl Acetate	4.385	43	76019	64.285	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	275754	54.355	ug/l	98
20) Methylene Chloride	4.616	84	131819	59.133	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	108162	51.847	ug/l	99
22) Diisopropyl ether	6.019	45	343599	54.161	ug/l	98
23) Vinyl Acetate	5.958	43	950665	260.981	ug/l	100
24) 1,1-Dichloroethane	5.915	63	205228	54.746	ug/l	99
25) 2-Butanone	6.896	43	151832	288.795	ug/l	99
26) 2,2-Dichloropropane	6.884	77	165741	48.828	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	129937	53.802	ug/l	99
28) Bromochloromethane	7.244	49	91062	58.173	ug/l	99
29) Tetrahydrofuran	7.268	42	99259	283.088	ug/l	100
30) Chloroform	7.421	83	205785	55.710	ug/l	97
31) Cyclohexane	7.701	56	174434	47.204	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	177075	52.820	ug/l	98
36) 1,1-Dichloropropene	7.835	75	149323	50.751	ug/l	99
37) Ethyl Acetate	6.982	43	65610	52.470	ug/l	98
38) Carbon Tetrachloride	7.817	117	154079	50.271	ug/l	96
39) Methylcyclohexane	9.109	83	189539	48.462	ug/l	99
40) Benzene	8.079	78	465694	53.192	ug/l	99

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 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	40119	52.863	ug/l	91
42) 1,2-Dichloroethane	8.158	62	124976	54.050	ug/l	99
43) Isopropyl Acetate	8.201	43	146634	53.665	ug/l #	87
44) Trichloroethene	8.866	130	110110	50.876	ug/l	92
45) 1,2-Dichloropropane	9.140	63	110049	53.500	ug/l	98
46) Dibromomethane	9.231	93	61760	53.747	ug/l	98
47) Bromodichloromethane	9.426	83	157073	53.156	ug/l	97
48) Methyl methacrylate	9.219	41	69252	54.599	ug/l	98
49) 1,4-Dioxane	9.231	88	14825	1168.055	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	377234	279.813	ug/l	100
52) Toluene	10.170	92	290236	53.076	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	143248	52.044	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	168461	52.088	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	78632	54.123	ug/l	96
56) Ethyl methacrylate	10.438	69	112374	53.899	ug/l	96
57) 1,3-Dichloropropane	10.719	76	141019	55.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	291801	280.829	ug/l	98
59) 2-Hexanone	10.762	43	250949	284.034	ug/l	99
60) Dibromochloromethane	10.914	129	98674	53.169	ug/l	97
61) 1,2-Dibromoethane	11.012	107	73204	55.090	ug/l	100
64) Tetrachloroethene	10.646	164	122496	53.793	ug/l	95
65) Chlorobenzene	11.438	112	301482	52.879	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	103794	53.732	ug/l	99
67) Ethyl Benzene	11.518	91	557798	52.691	ug/l	99
68) m/p-Xylenes	11.627	106	418447	104.255	ug/l	99
69) o-Xylene	11.950	106	197123	52.257	ug/l	99
70) Styrene	11.969	104	337801	53.780	ug/l	99
71) Bromoform	12.133	173	53273	52.651	ug/l #	98
73) Isopropylbenzene	12.255	105	506653	50.983	ug/l	99
74) N-amyl acetate	12.066	43	126743	52.122	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	82929	52.966	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	120345	95.152	ug/l #	100
77) Bromobenzene	12.530	156	109310	51.114	ug/l	97
78) n-propylbenzene	12.591	91	613496	51.442	ug/l	100
79) 2-Chlorotoluene	12.676	91	333610	51.677	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	400633	51.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27108	48.470	ug/l	96
82) 4-Chlorotoluene	12.773	91	339359	51.040	ug/l	100
83) tert-Butylbenzene	12.993	119	360101	51.331	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	402845	51.556	ug/l	99
85) sec-Butylbenzene	13.176	105	538390	51.749	ug/l	100
86) p-Isopropyltoluene	13.292	119	444569	51.172	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	218974	50.890	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	211421	51.386	ug/l	99
89) n-Butylbenzene	13.615	91	416041	51.074	ug/l	99
90) Hexachloroethane	13.877	117	88507	51.194	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	187920	52.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12762	52.749	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	99161	49.768	ug/l	97
94) Hexachlorobutadiene	15.023	225	51881	49.616	ug/l	99
95) Naphthalene	15.145	128	199942	54.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	84290	51.583	ug/l	98

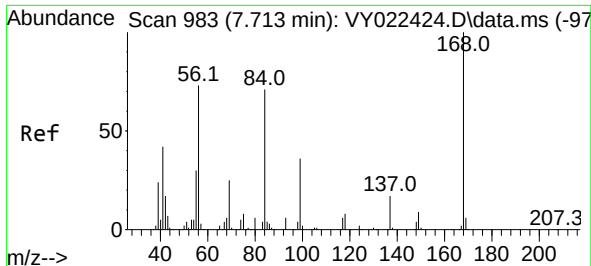
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
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ClientSampleId :
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Response via : Initial Calibration

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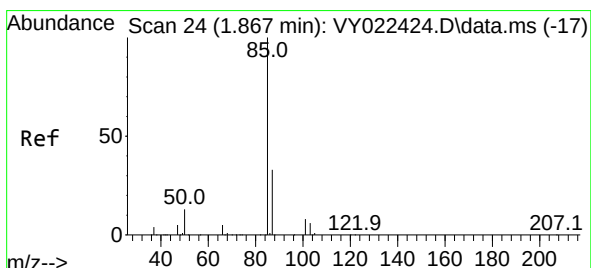
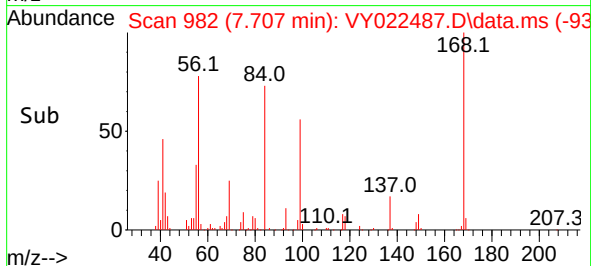
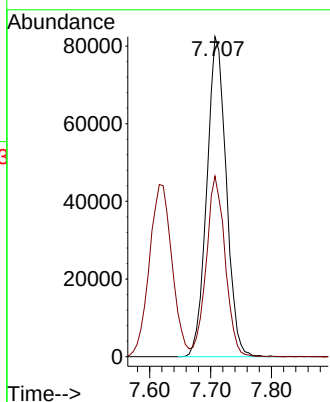
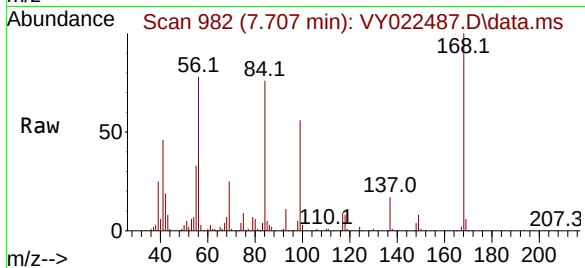
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

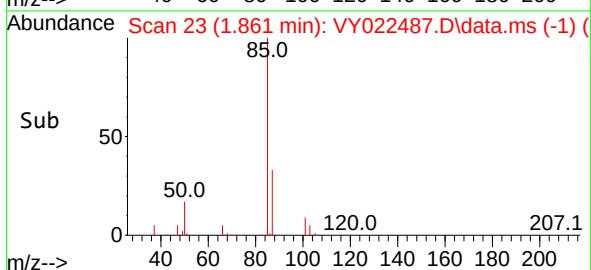
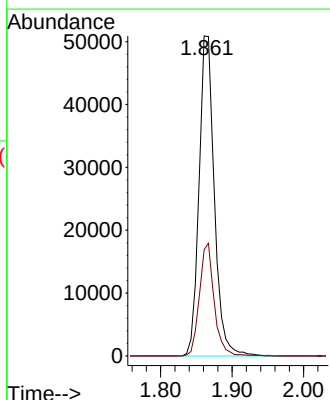
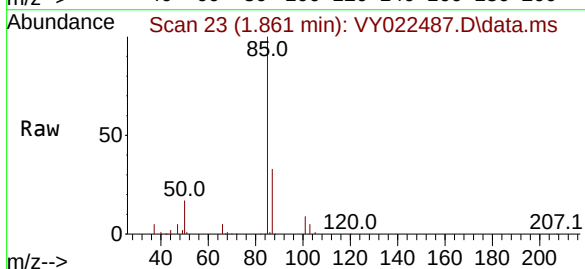
Instrument :
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ClientSampleId :
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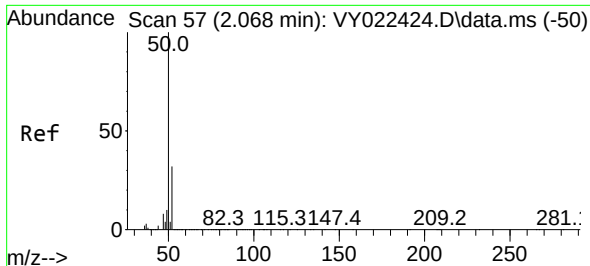
Tgt Ion:168 Resp: 182387
Ion Ratio Lower Upper
168 100
99 56.3 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 43.644 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 85 Resp: 75945
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.2

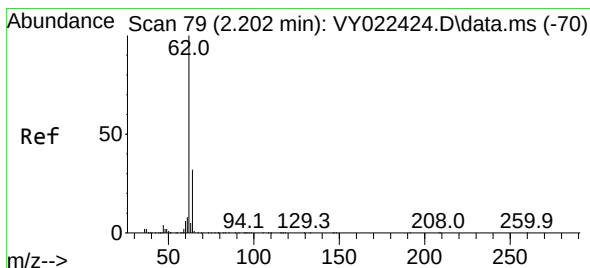
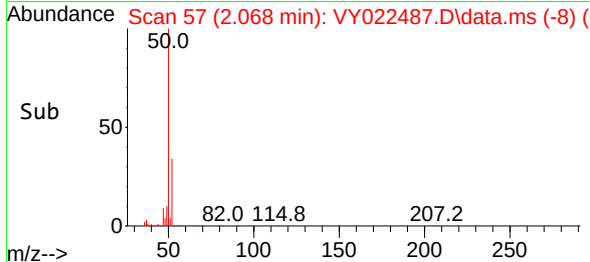
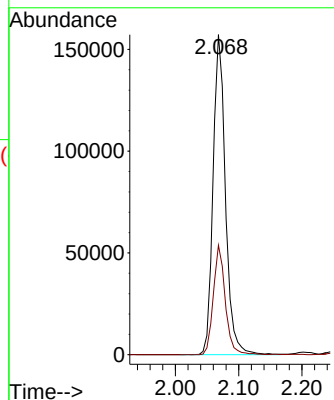
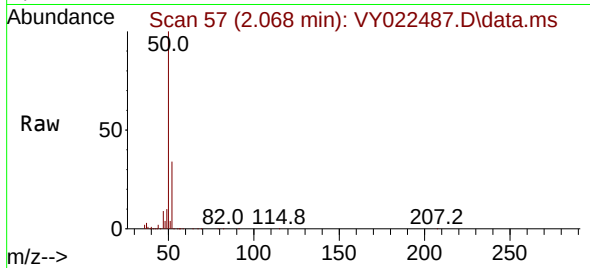




#3
Chloromethane
Concen: 49.985 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

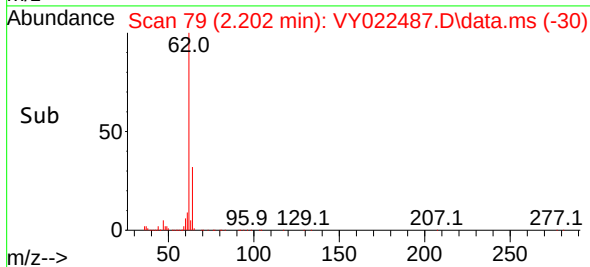
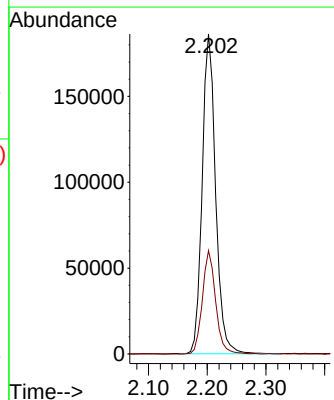
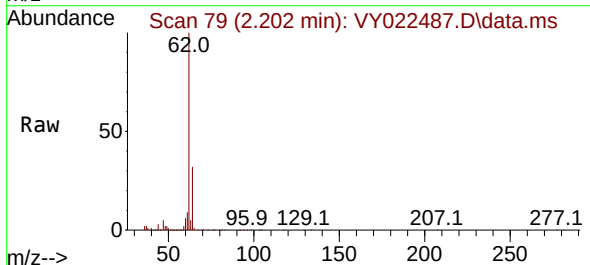
Instrument :
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ClientSampleId :
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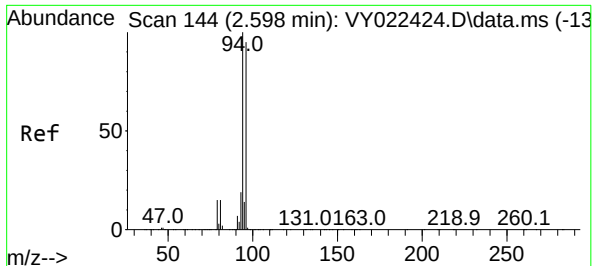
Tgt Ion: 50 Resp: 213948
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3



#4
Vinyl Chloride
Concen: 56.930 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 62 Resp: 296026
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

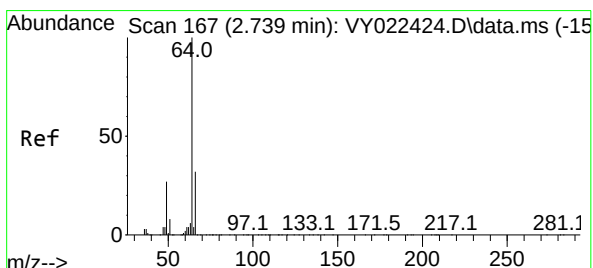
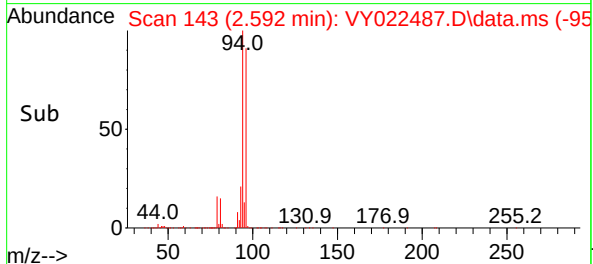
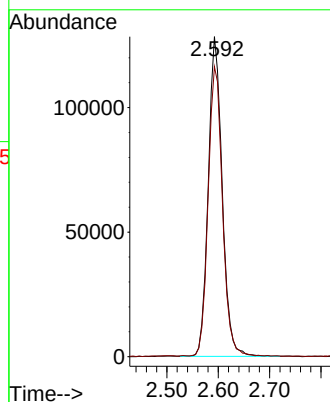
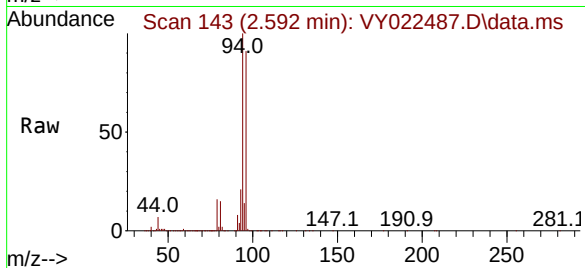




#5
Bromomethane
Concen: 51.277 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

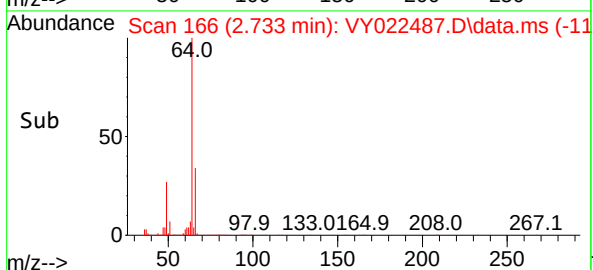
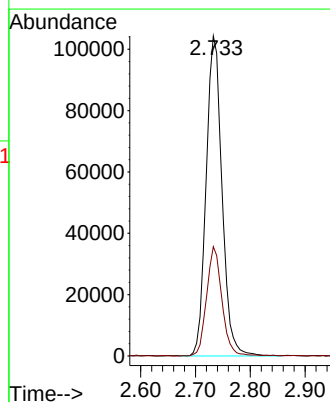
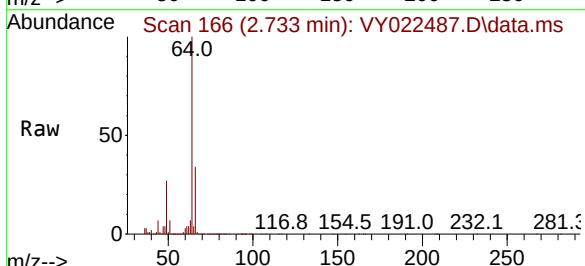
Instrument :
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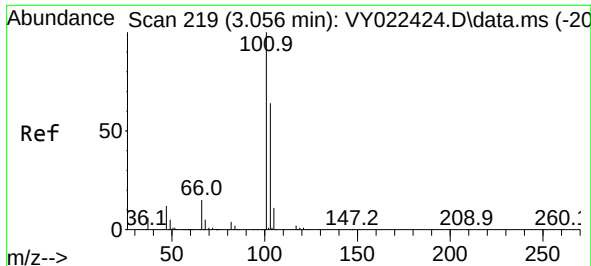
Tgt Ion: 94 Resp: 242297
Ion Ratio Lower Upper
94 100
96 90.5 76.0 114.0



#6
Chloroethane
Concen: 61.551 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 64 Resp: 209142
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9

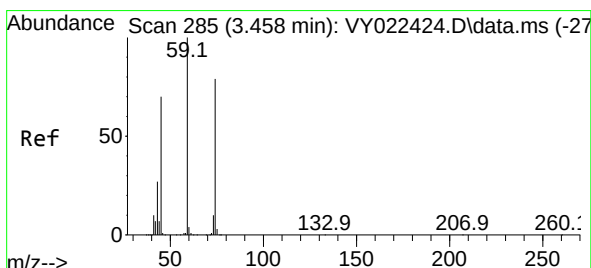
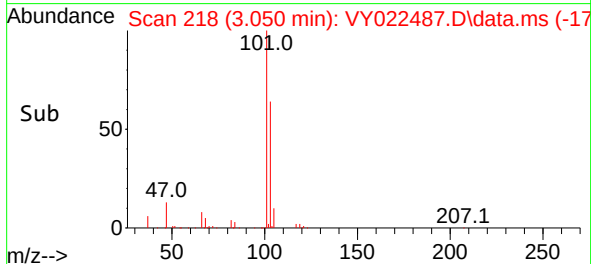
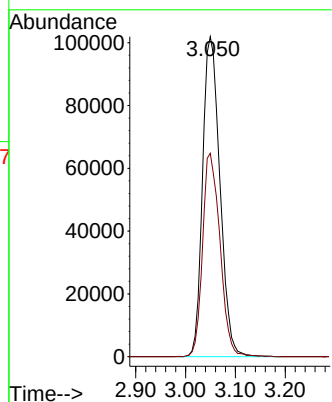
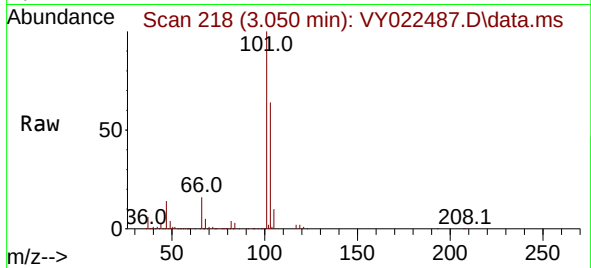




#7
 Trichlorofluoromethane
 Concen: 56.121 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

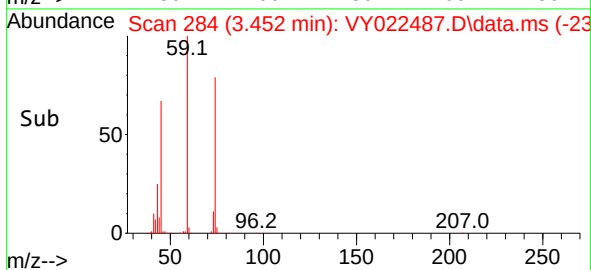
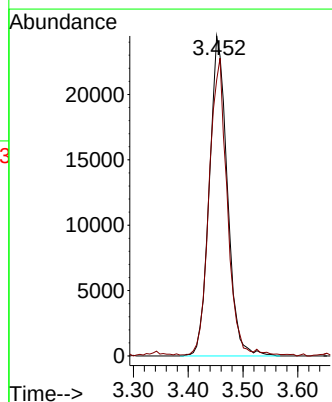
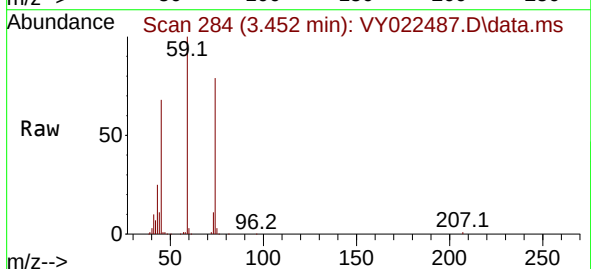
Instrument :
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 VSTDCCC050EC

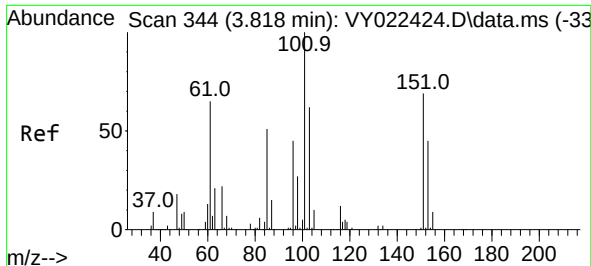
Tgt Ion:101 Resp: 246213
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3



#8
 Diethyl Ether
 Concen: 55.055 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

Tgt Ion: 74 Resp: 55693
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.9 134.5

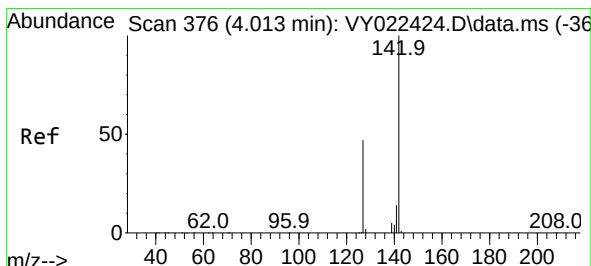
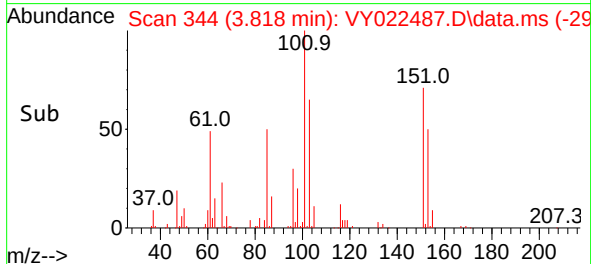
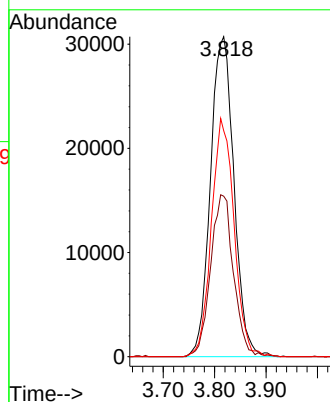
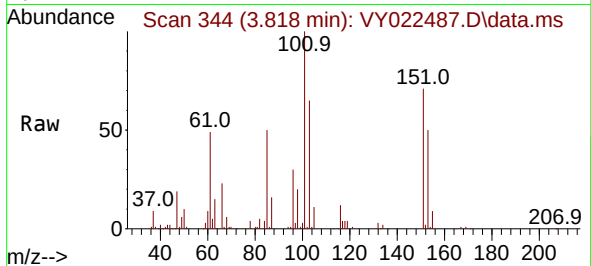




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.600 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022487.D
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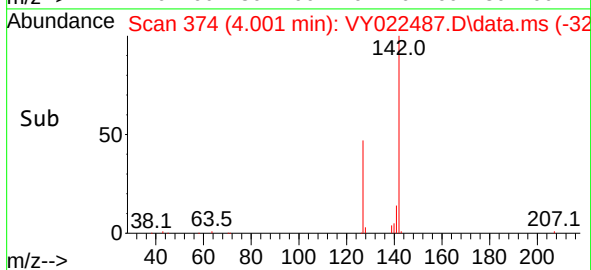
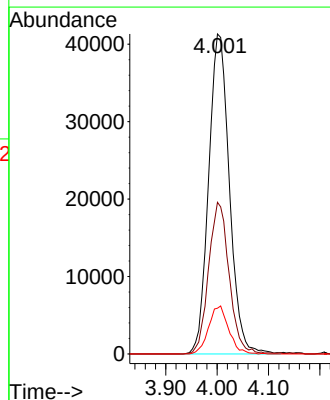
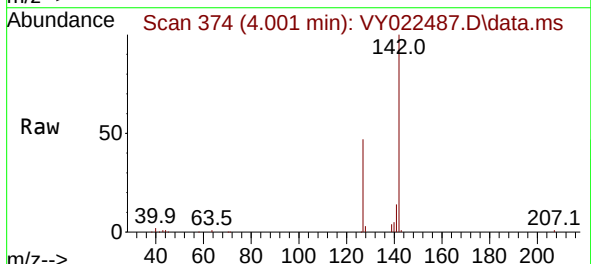
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

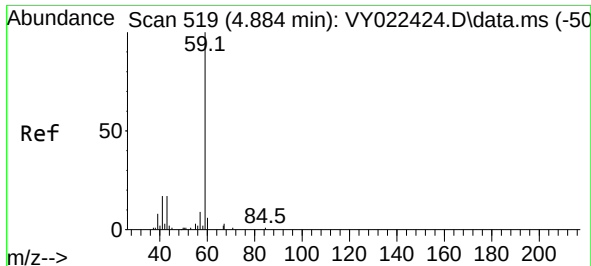
Tgt Ion:101 Resp: 97391
Ion Ratio Lower Upper
101 100
85 49.5 39.2 58.8
151 72.0 58.8 88.2



#10
Methyl Iodide
Concen: 53.378 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion:142 Resp: 115907
Ion Ratio Lower Upper
142 100
127 47.0 36.2 54.4
141 14.4 11.6 17.4

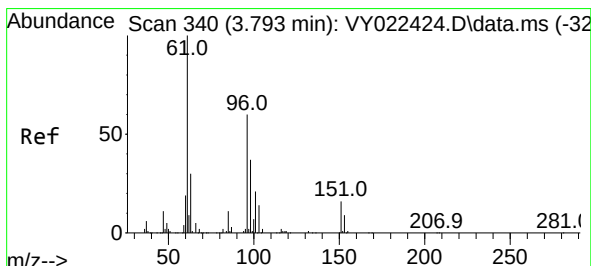
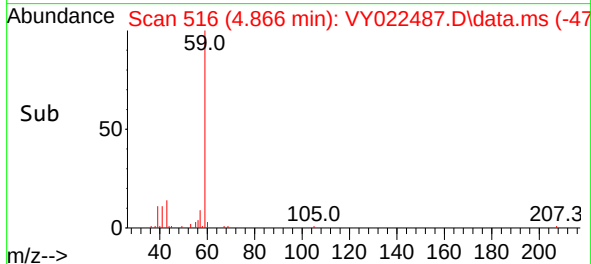
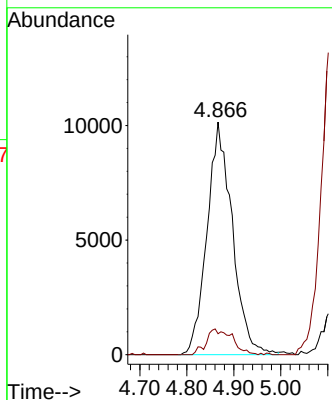
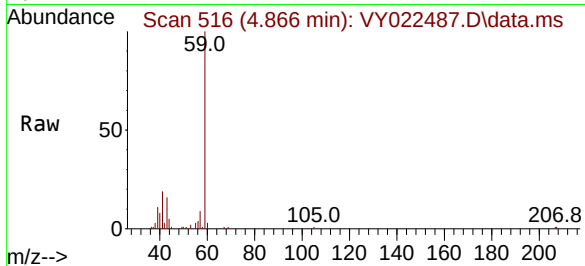




#11
Tert butyl alcohol
Concen: 279.863 ug/l
RT: 4.866 min Scan# 519
Delta R.T. -0.018 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

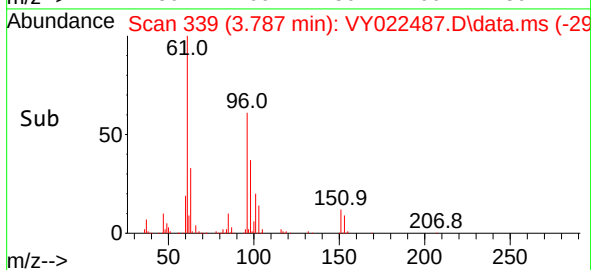
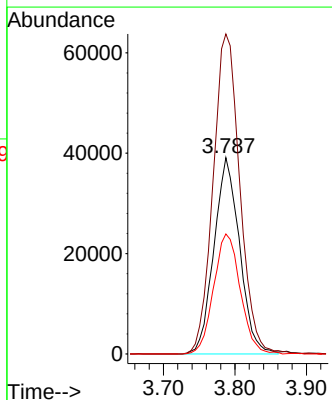
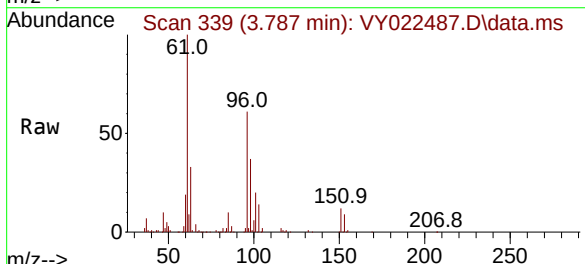
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

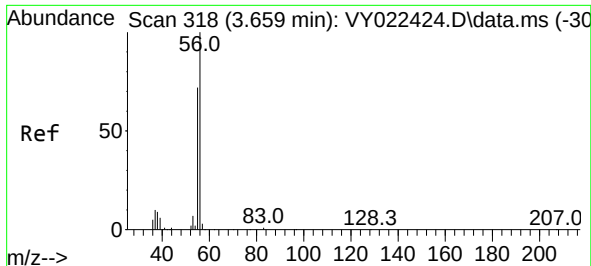
Tgt Ion: 59 Resp: 37897
Ion Ratio Lower Upper
59 100
57 11.4 9.1 13.7



#12
1,1-Dichloroethene
Concen: 50.879 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 96 Resp: 97225
Ion Ratio Lower Upper
96 100
61 162.9 134.1 201.1
98 61.1 50.2 75.2

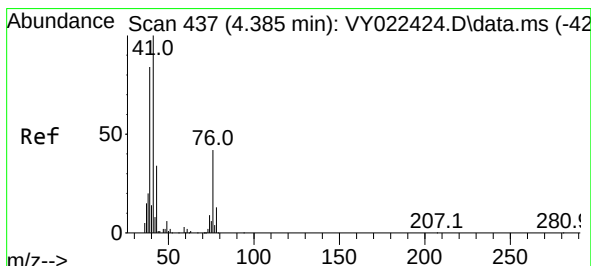
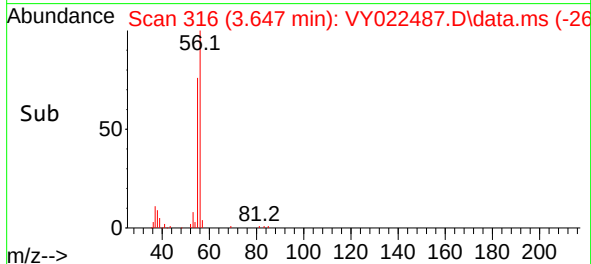
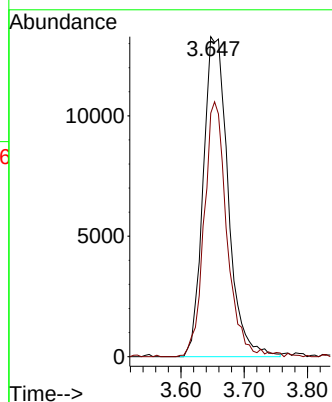
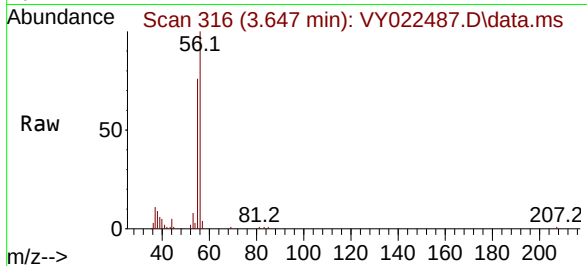




#13
Acrolein
Concen: 179.564 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

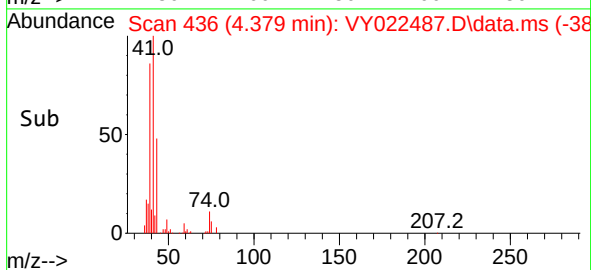
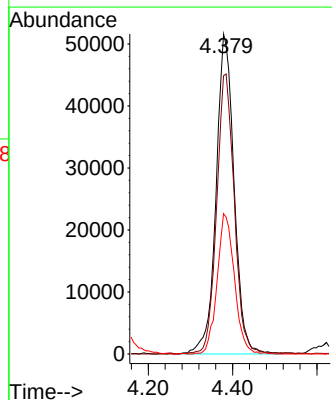
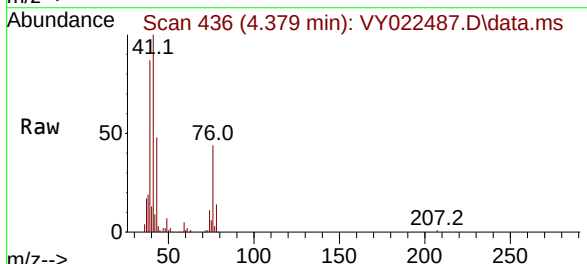
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

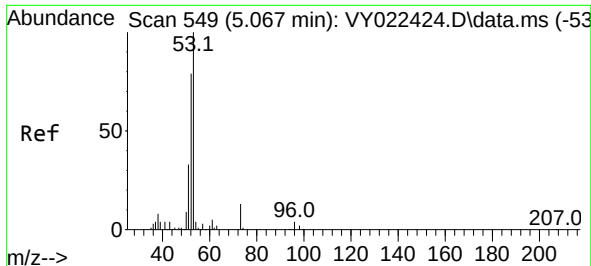
Tgt Ion: 56 Resp: 36433
Ion Ratio Lower Upper
56 100
55 71.9 56.5 84.7



#14
Allyl chloride
Concen: 53.203 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 41 Resp: 152933
Ion Ratio Lower Upper
41 100
39 85.8 66.6 100.0
76 42.1 33.7 50.5

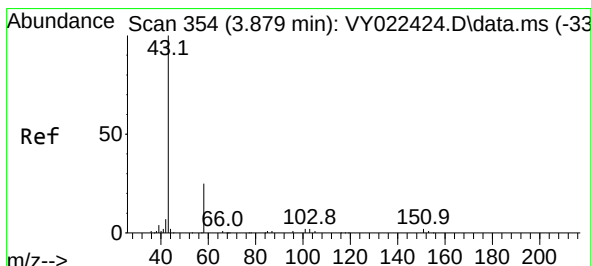
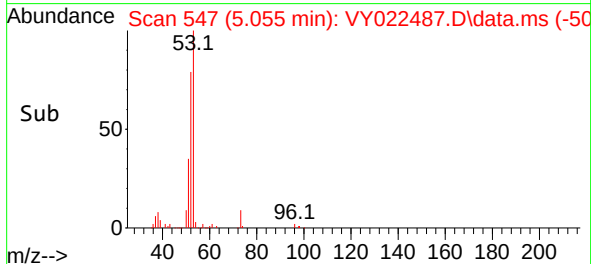
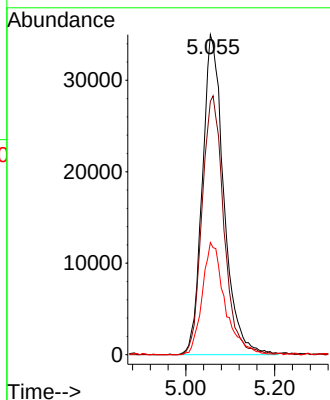
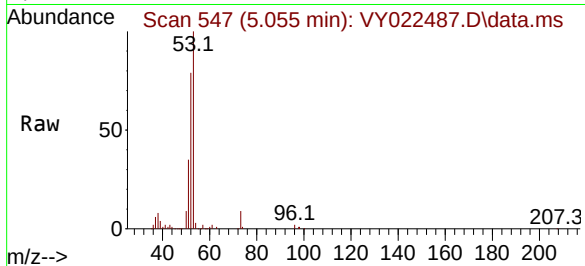




#15
Acrylonitrile
Concen: 289.248 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

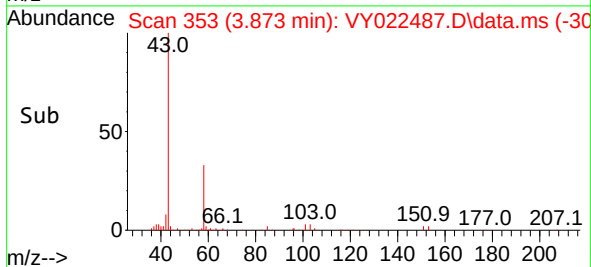
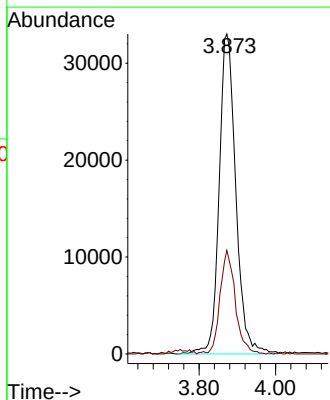
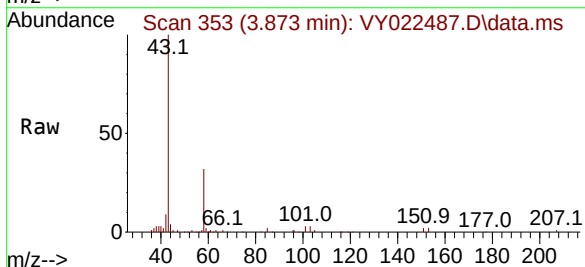
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

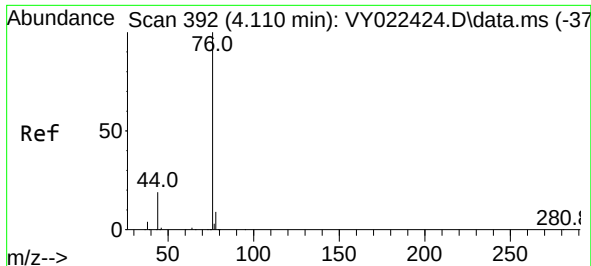
Tgt Ion: 53 Resp: 117940
Ion Ratio Lower Upper
53 100
52 81.8 65.1 97.7
51 36.9 30.0 45.0



#16
Acetone
Concen: 316.378 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 43 Resp: 99875
Ion Ratio Lower Upper
43 100
58 32.1 20.6 30.8#

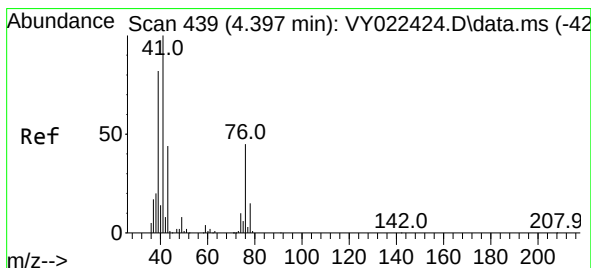
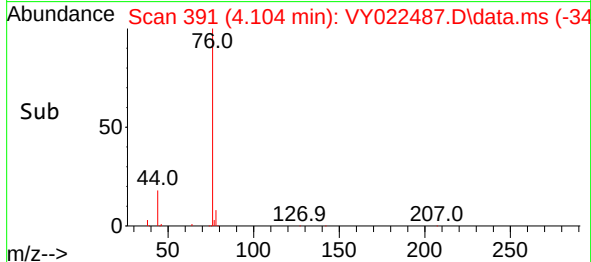
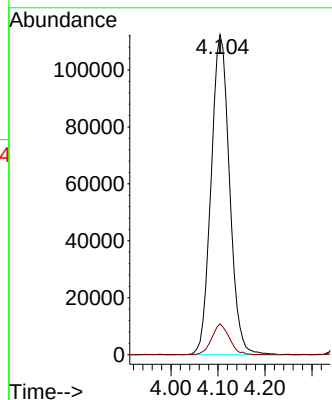
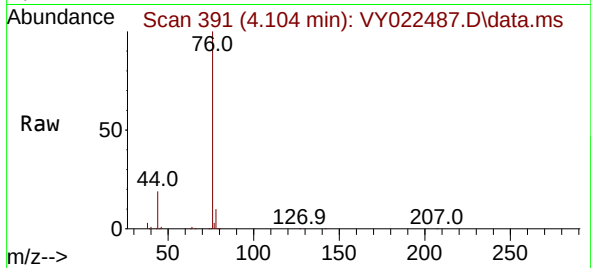




#17
Carbon Disulfide
Concen: 50.218 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

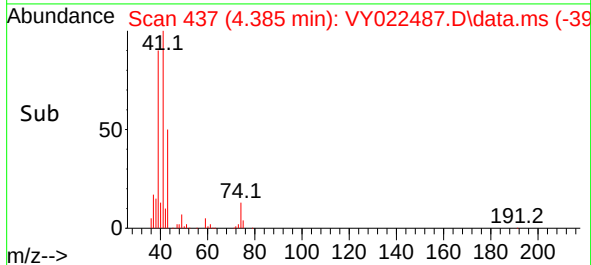
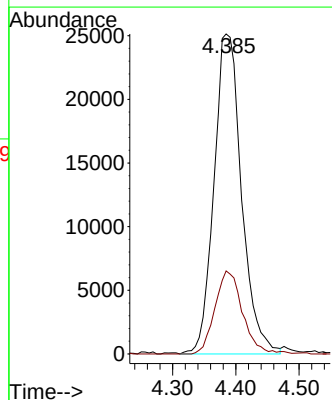
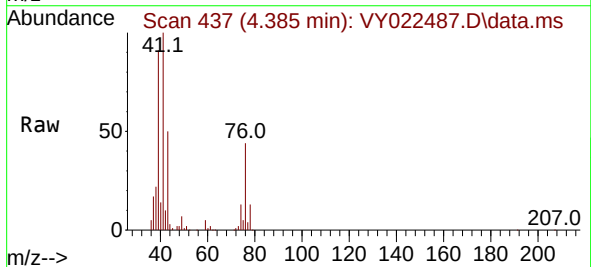
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

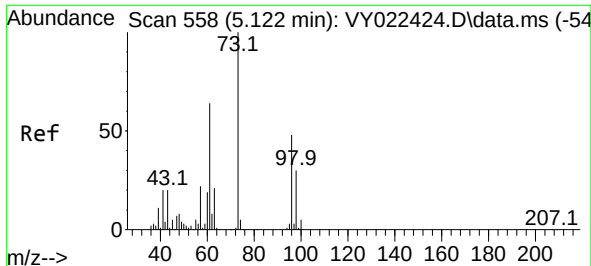
Tgt Ion: 76 Resp: 306234
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 64.285 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 43 Resp: 76019
Ion Ratio Lower Upper
43 100
74 26.0 21.2 31.8

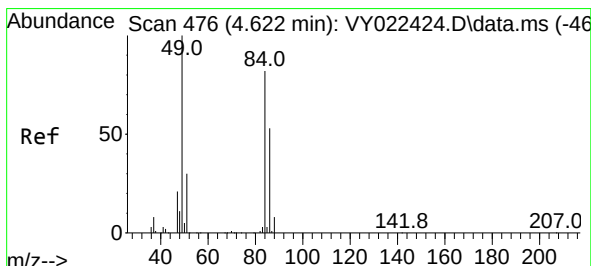
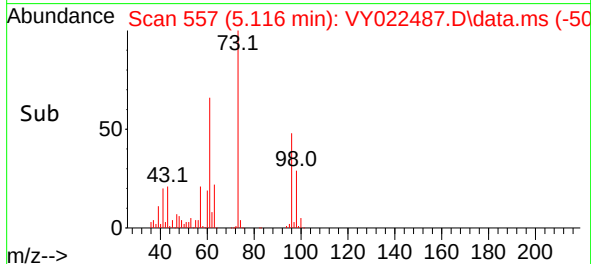
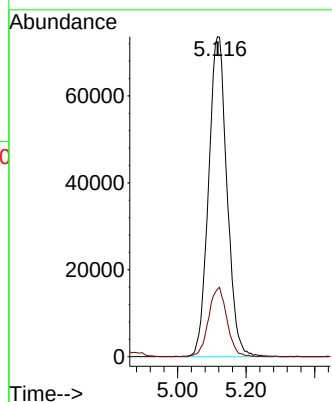
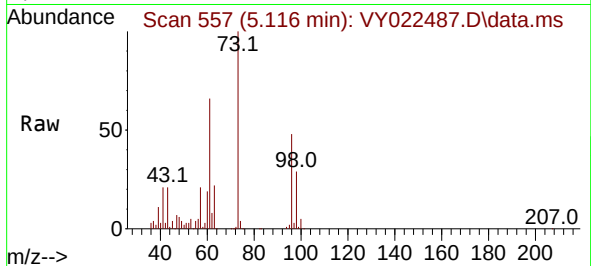




#19
Methyl tert-butyl Ether
Concen: 54.355 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

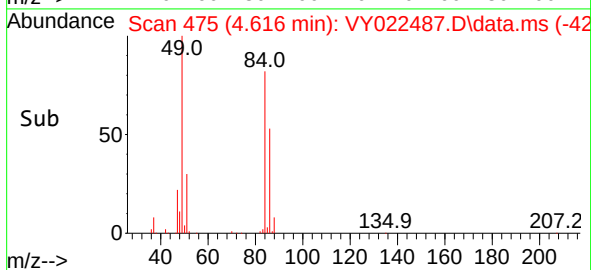
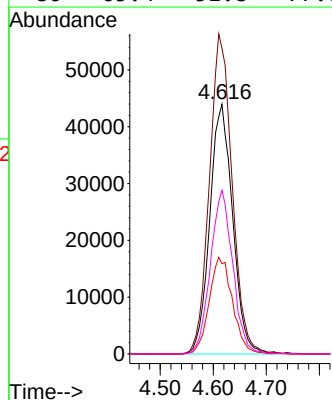
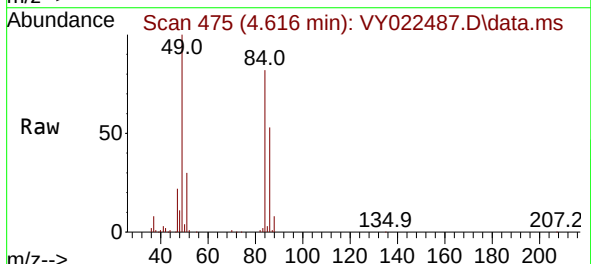
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

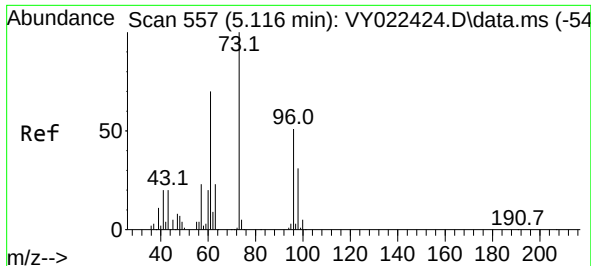
Tgt Ion: 73 Resp: 275754
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 59.133 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 84 Resp: 131819
Ion Ratio Lower Upper
84 100
49 122.2 97.8 146.8
51 36.2 29.5 44.3
86 65.4 51.8 77.6

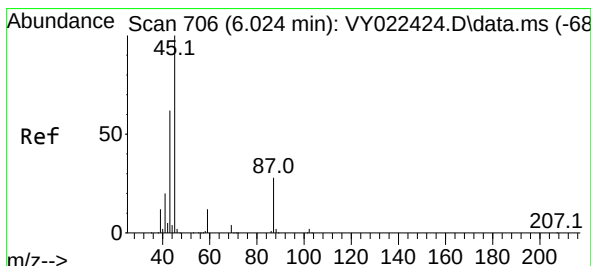
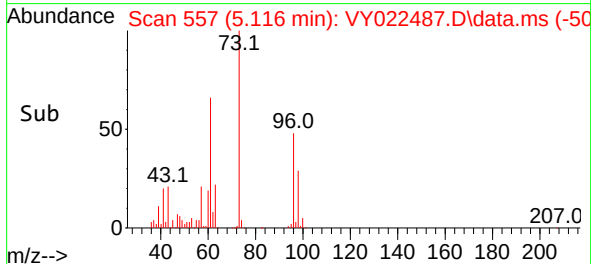
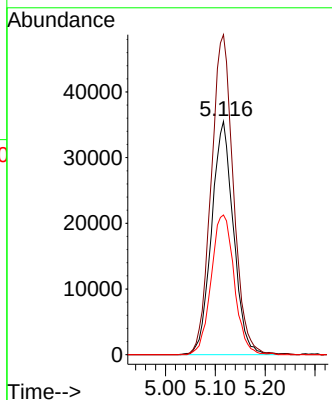
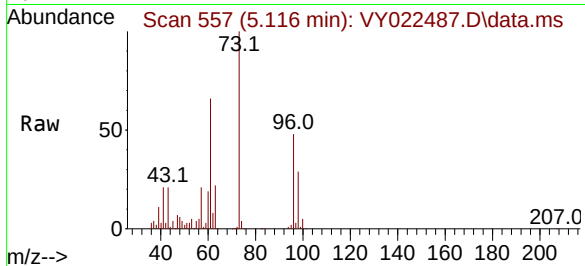




#21
trans-1,2-Dichloroethene
Concen: 51.847 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

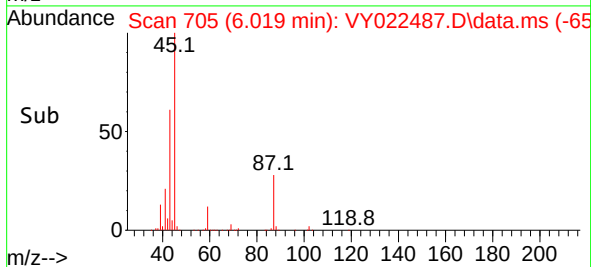
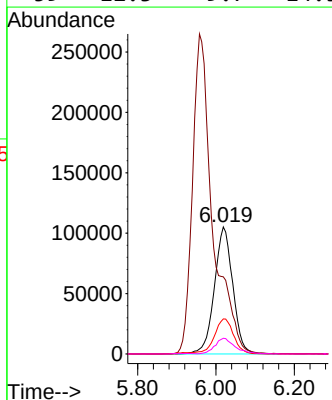
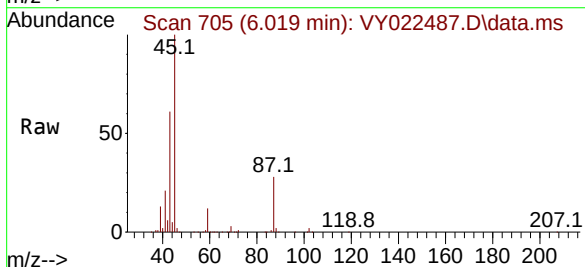
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

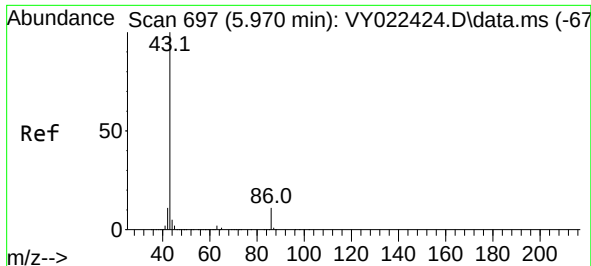
Tgt Ion: 96 Resp: 108162
Ion Ratio Lower Upper
96 100
61 137.1 110.4 165.6
98 59.8 48.6 73.0



#22
Diisopropyl ether
Concen: 54.161 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 45 Resp: 343599
Ion Ratio Lower Upper
45 100
43 60.5 49.8 74.8
87 27.5 23.0 34.6
59 12.3 9.7 14.5

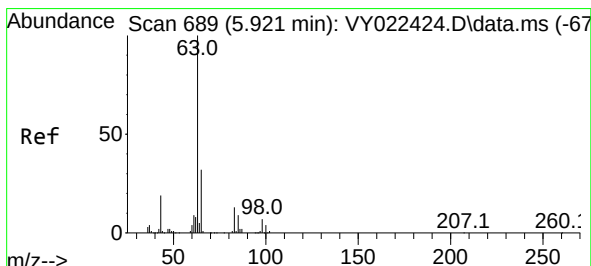
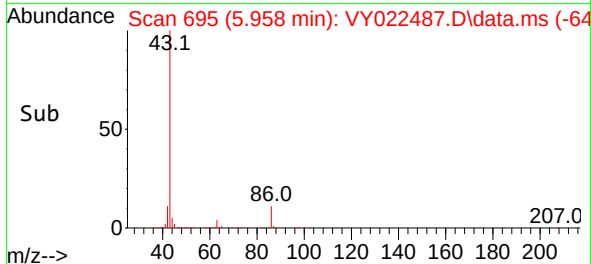
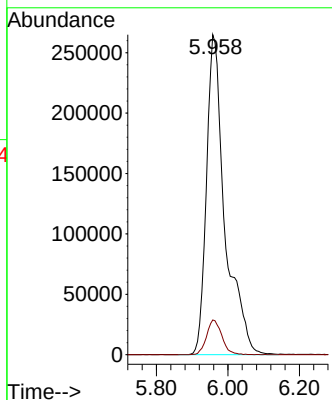
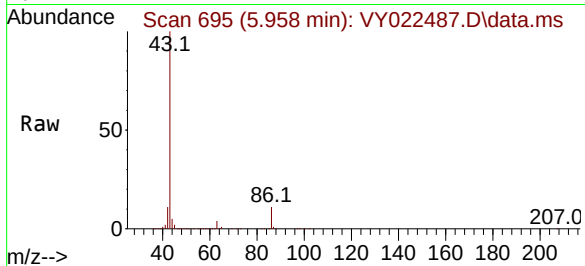




#23
 Vinyl Acetate
 Concen: 260.981 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

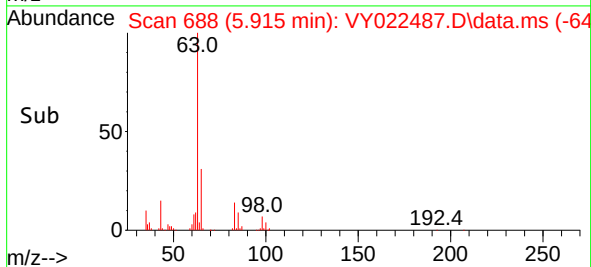
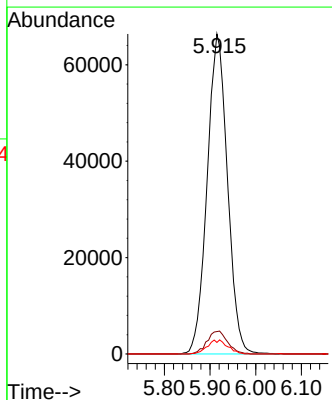
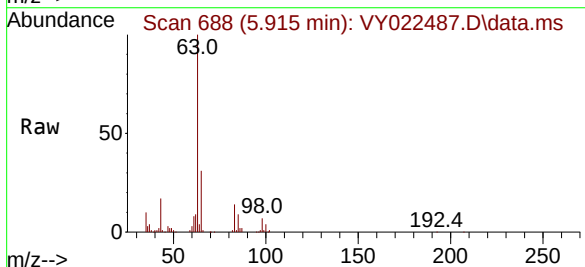
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

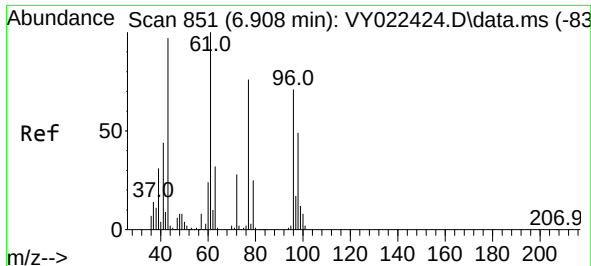
Tgt Ion: 43 Resp: 950665
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 54.746 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

Tgt Ion: 63 Resp: 205228
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 3.6 2.1 6.5

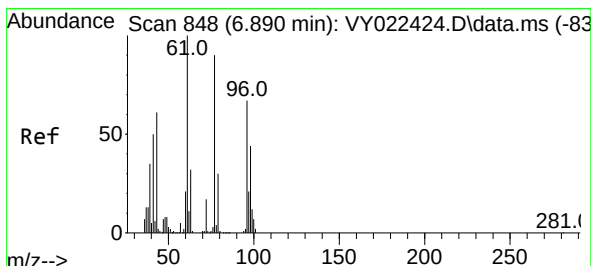
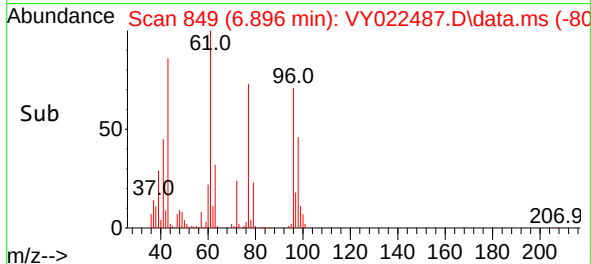
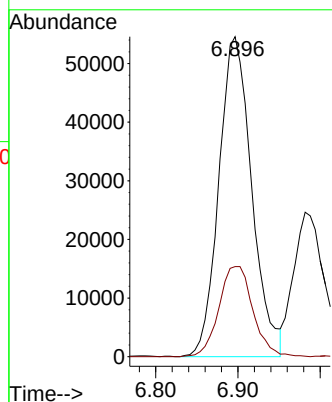
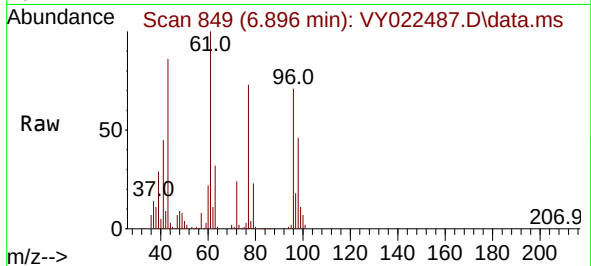




#25
2-Butanone
Concen: 288.795 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

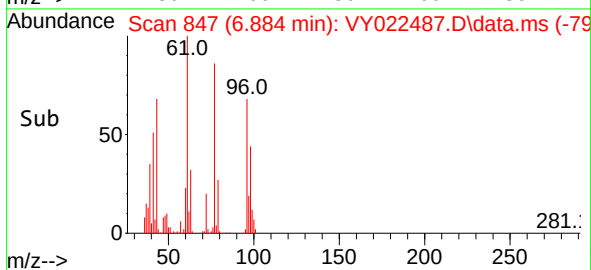
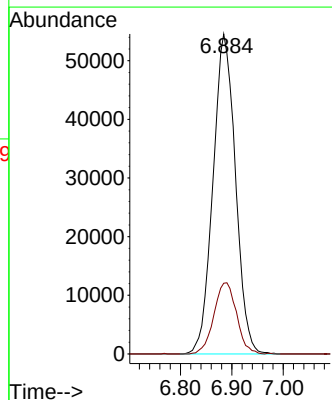
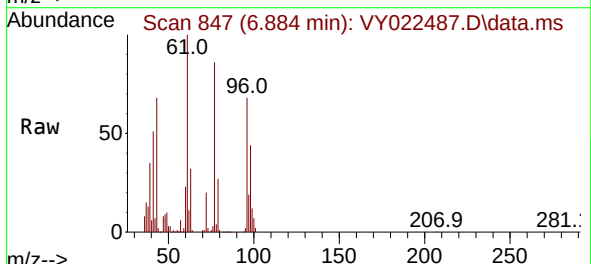
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

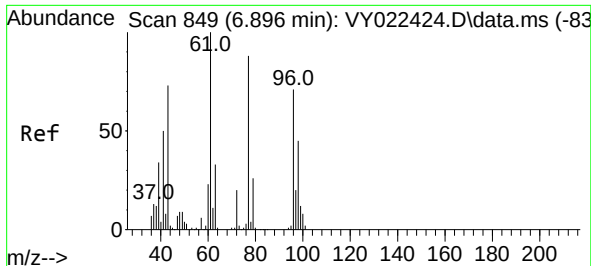
Tgt Ion: 43 Resp: 151832
Ion Ratio Lower Upper
43 100
72 28.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 48.828 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 77 Resp: 165741
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 53.802 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

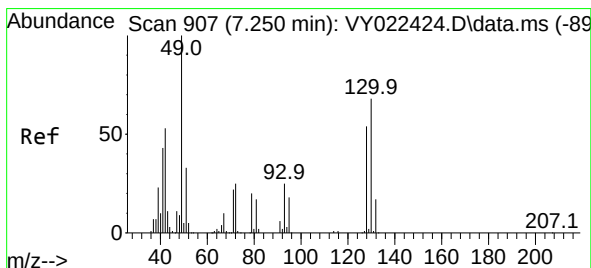
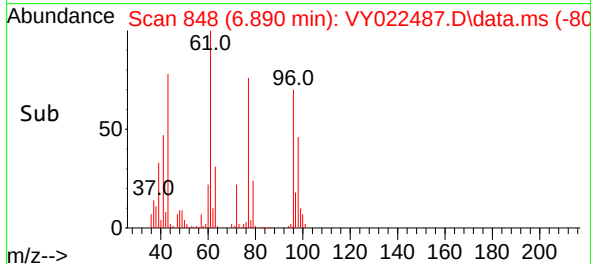
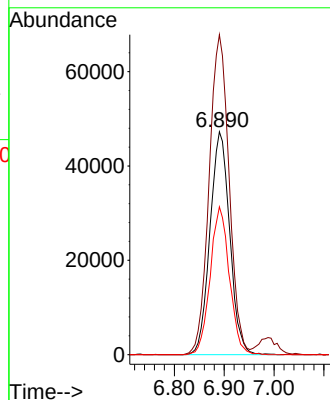
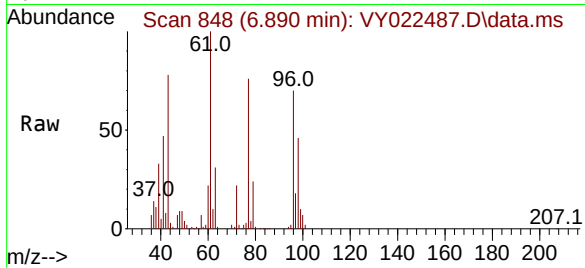
Tgt Ion: 96 Resp: 129937

Ion Ratio Lower Upper

96 100

61 145.2 0.0 292.0

98 64.4 0.0 131.0



#28

Bromochloromethane

Concen: 58.173 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

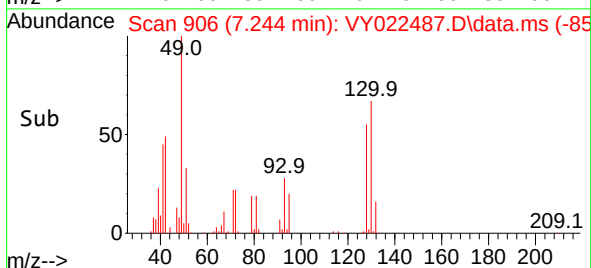
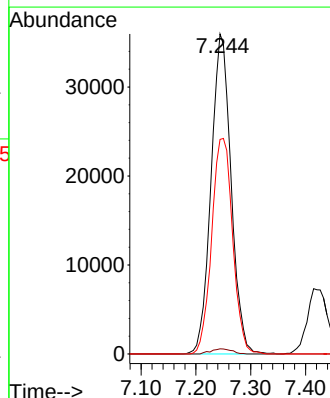
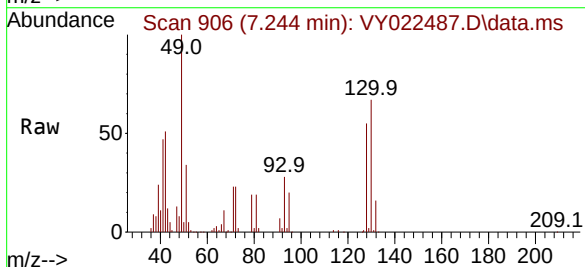
Tgt Ion: 49 Resp: 91062

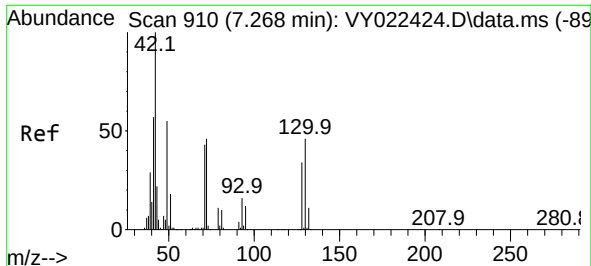
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 70.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 283.088 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

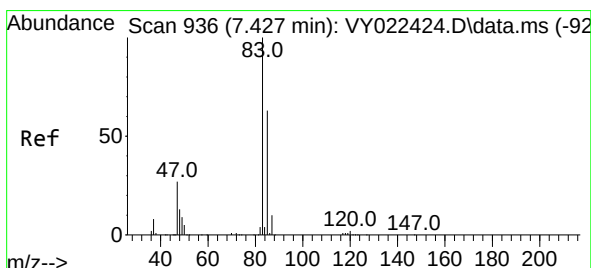
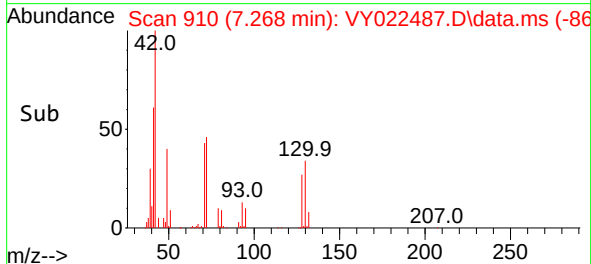
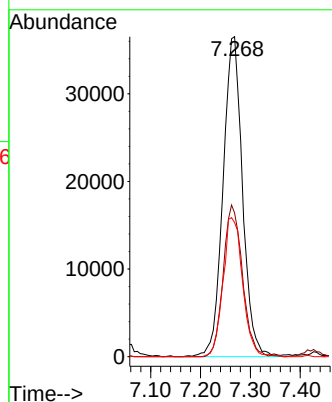
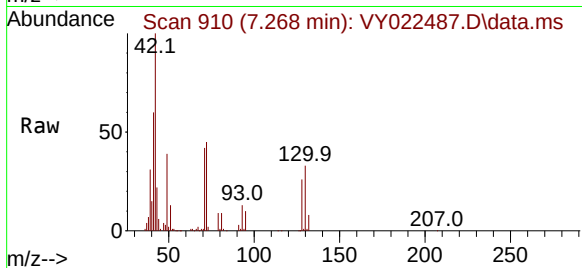
Tgt Ion: 42 Resp: 99259

Ion Ratio Lower Upper

42 100

72 46.8 37.7 56.5

71 43.7 34.7 52.1



#30

Chloroform

Concen: 55.710 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022487.D

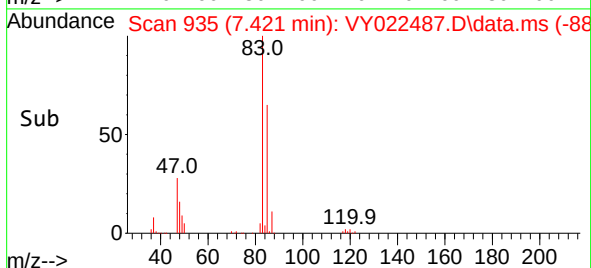
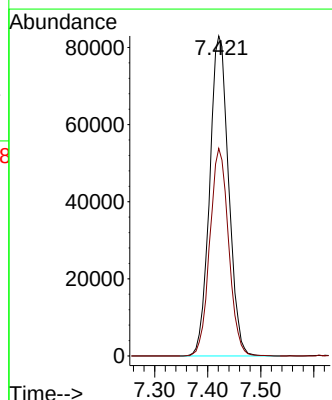
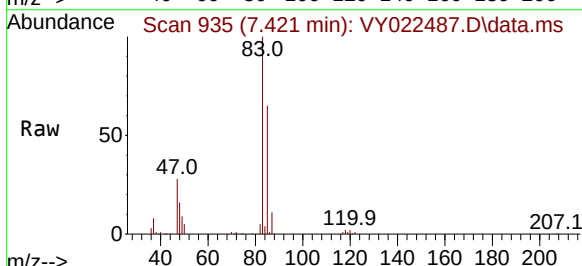
Acq: 30 May 2025 18:57

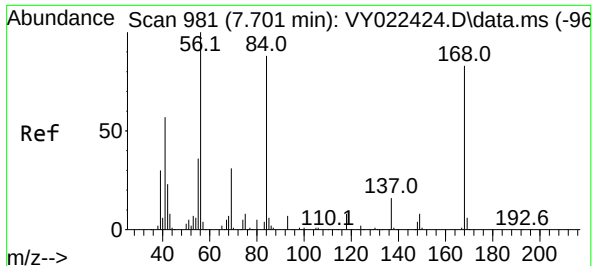
Tgt Ion: 83 Resp: 205785

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

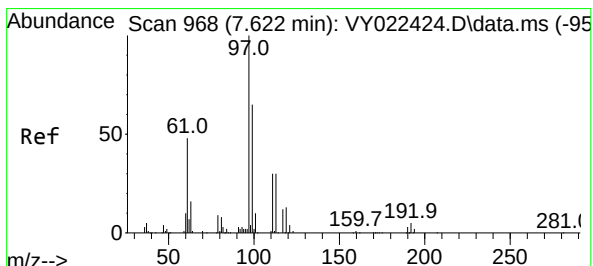
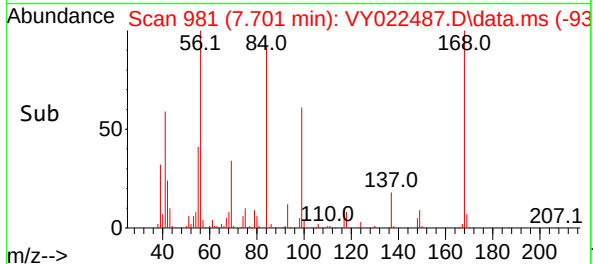
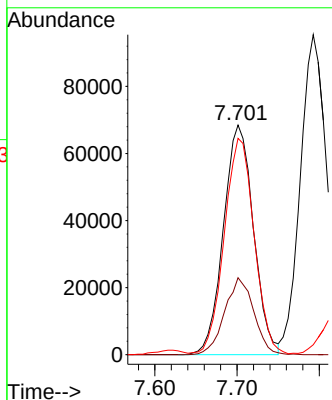
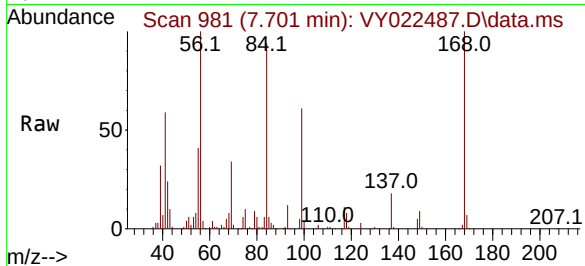




#31
Cyclohexane
Concen: 47.204 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

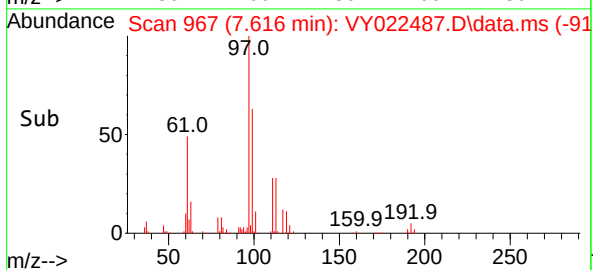
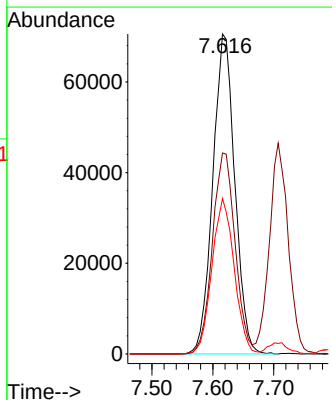
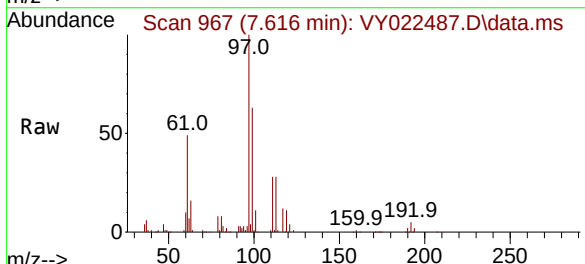
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

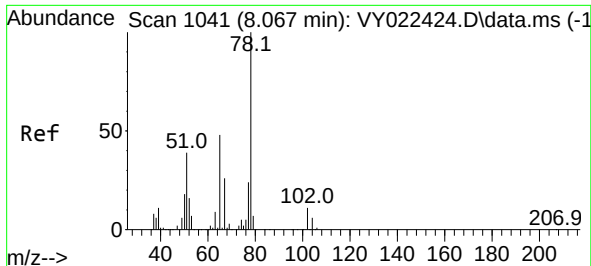
Tgt Ion: 56 Resp: 174434
Ion Ratio Lower Upper
56 100
69 33.6 24.6 36.8
84 92.6 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 52.820 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 97 Resp: 177075
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 49.3 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 58.053 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

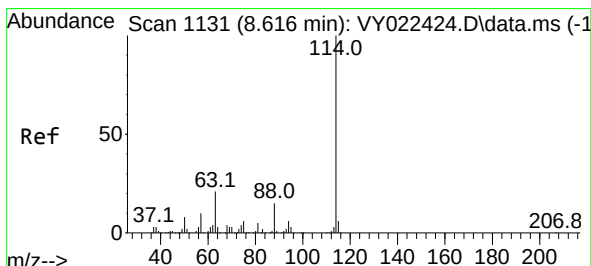
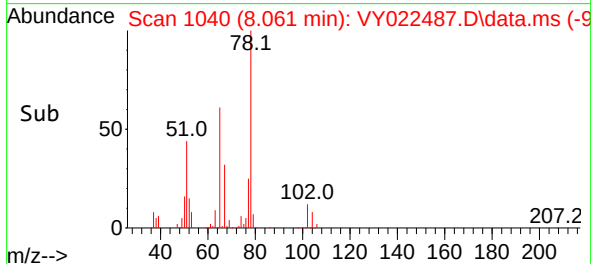
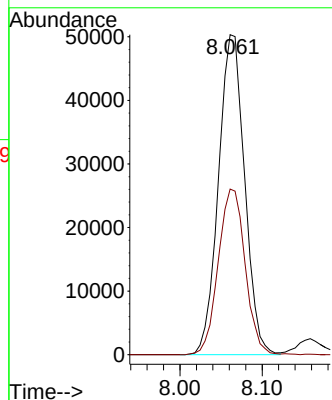
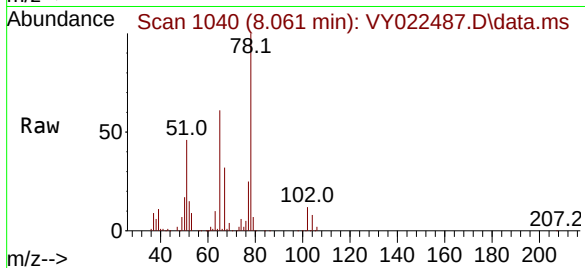
VSTDCCC050EC

Tgt Ion: 65 Resp: 111525

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

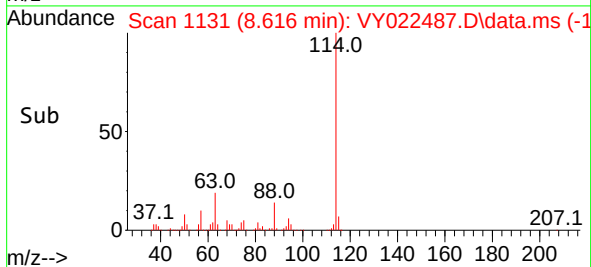
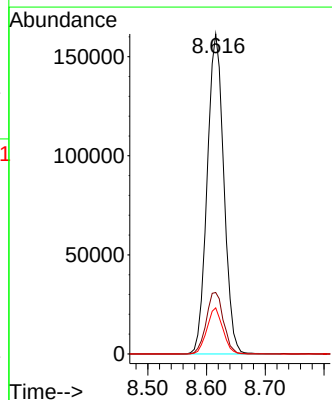
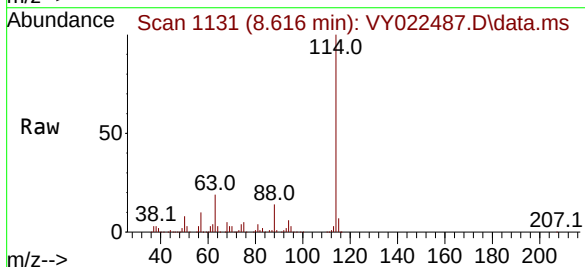
Tgt Ion: 114 Resp: 316610

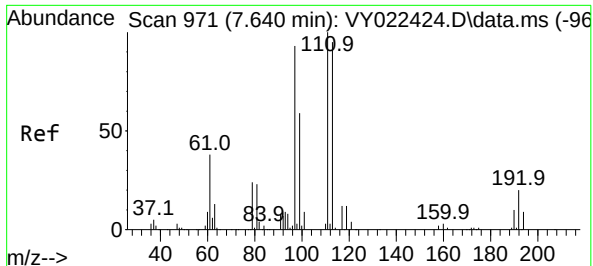
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

88 14.4 0.0 29.4

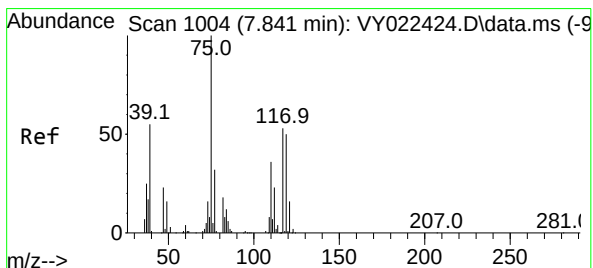
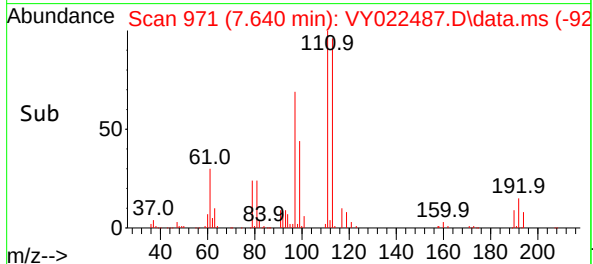
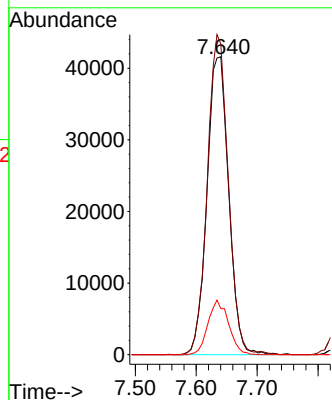
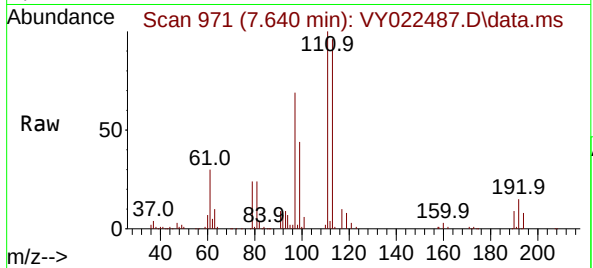




#35
Dibromofluoromethane
Concen: 55.708 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

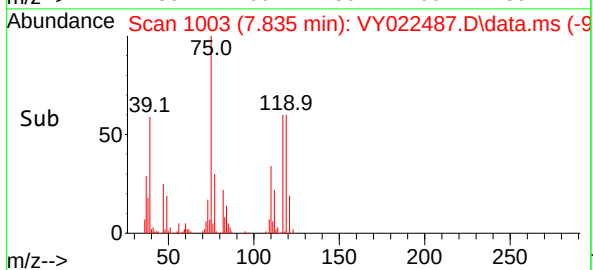
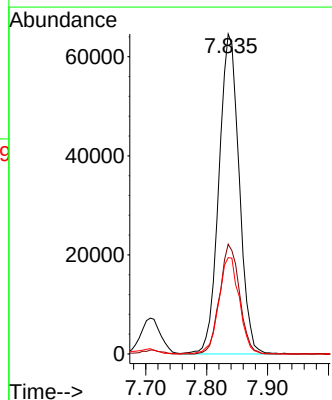
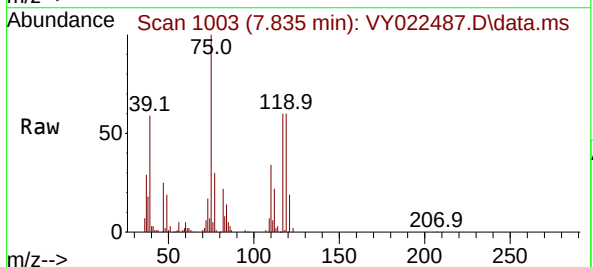
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

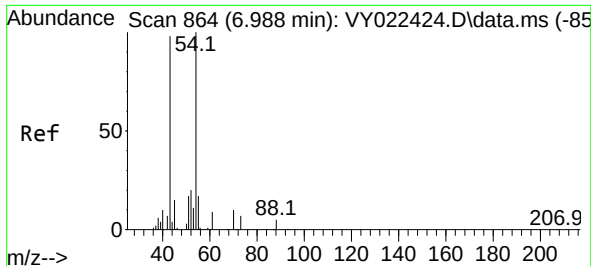
Tgt Ion:113 Resp: 103292
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 17.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.751 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 75 Resp: 149323
Ion Ratio Lower Upper
75 100
110 33.6 17.1 51.2
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 52.470 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022487.D

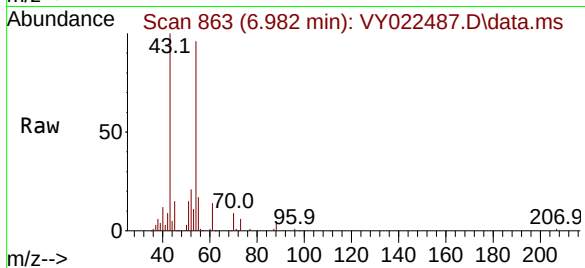
Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



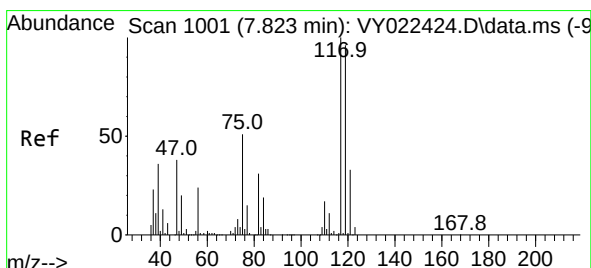
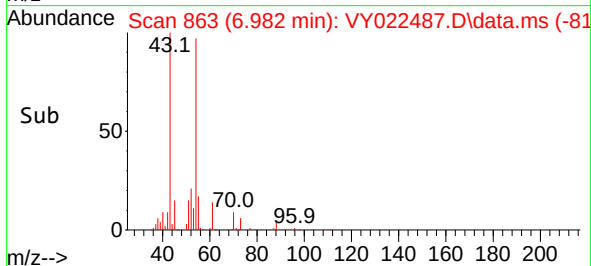
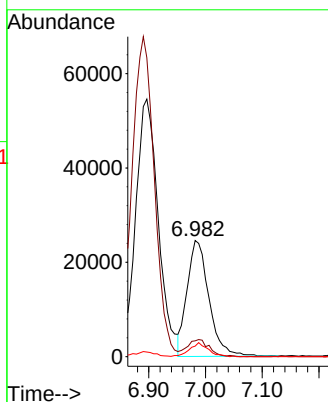
Tgt Ion: 43 Resp: 65610

Ion Ratio Lower Upper

43 100

61 13.8 11.7 17.5

70 10.3 7.8 11.6



#38

Carbon Tetrachloride

Concen: 50.271 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

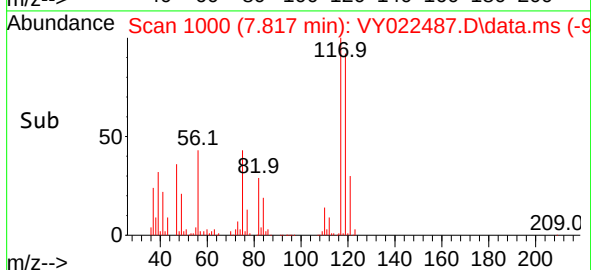
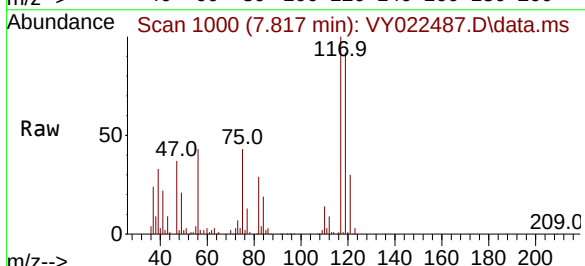
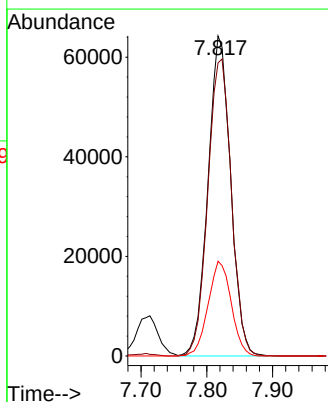
Tgt Ion: 117 Resp: 154079

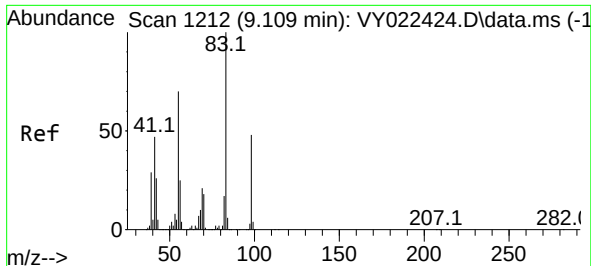
Ion Ratio Lower Upper

117 100

119 91.6 76.3 114.5

121 29.6 26.1 39.1





#39

Methylcyclohexane

Concen: 48.462 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

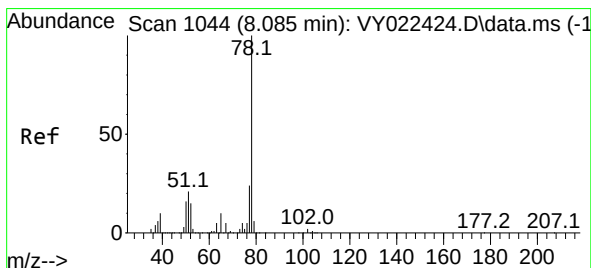
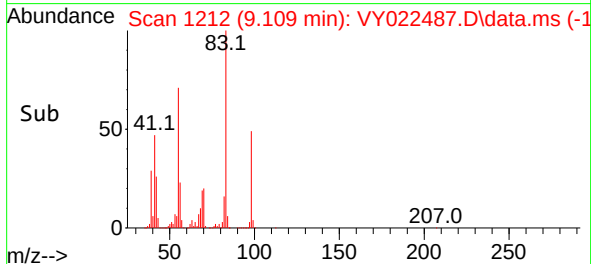
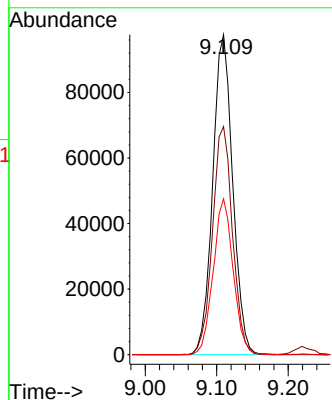
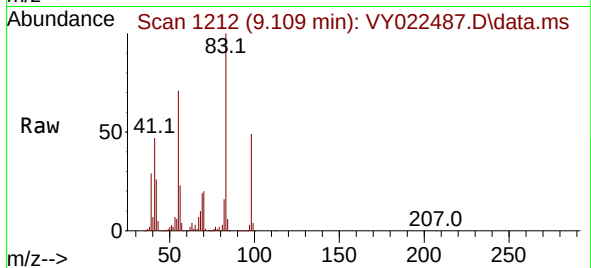
Tgt Ion: 83 Resp: 189539

Ion Ratio Lower Upper

83 100

55 71.3 56.2 84.2

98 48.7 38.4 57.6



#40

Benzene

Concen: 53.192 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022487.D

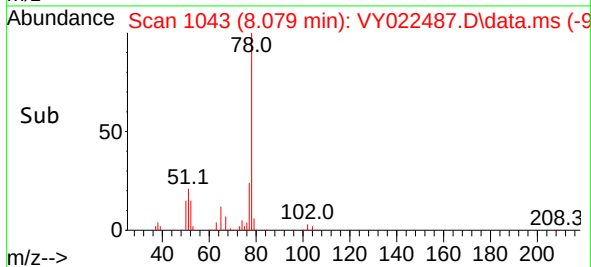
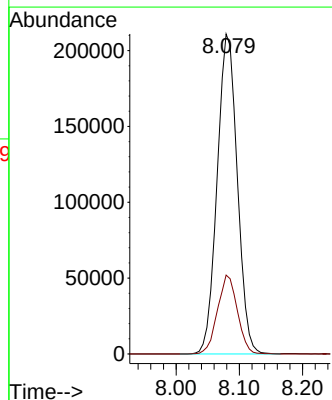
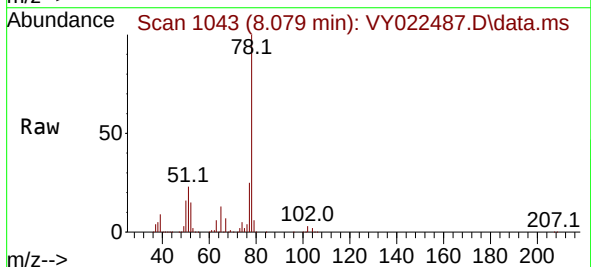
Acq: 30 May 2025 18:57

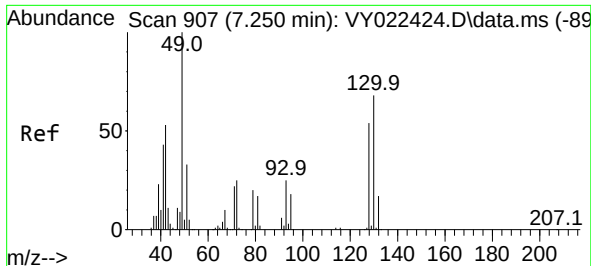
Tgt Ion: 78 Resp: 465694

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2

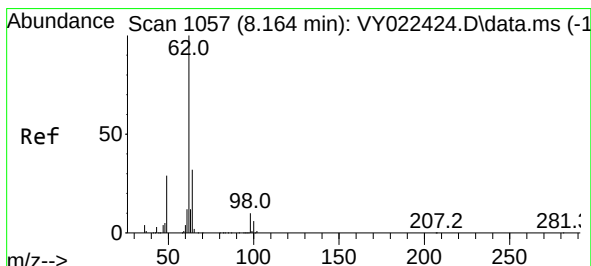
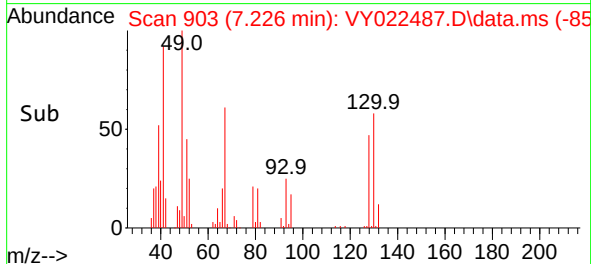
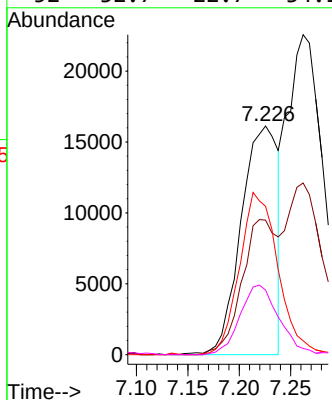
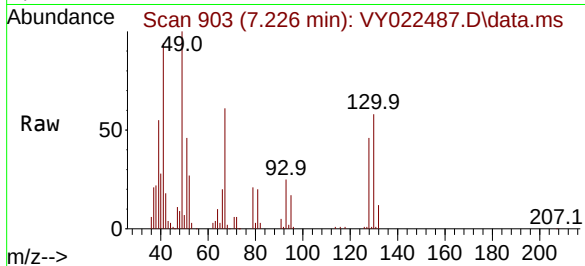




#41
Methacrylonitrile
Concen: 52.863 ug/l
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

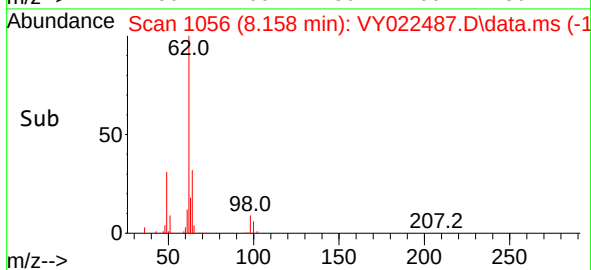
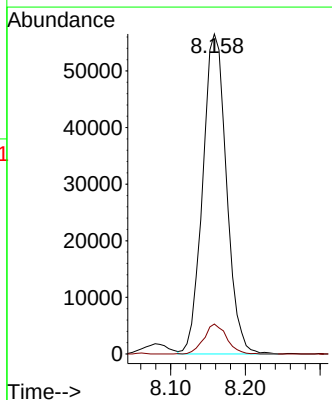
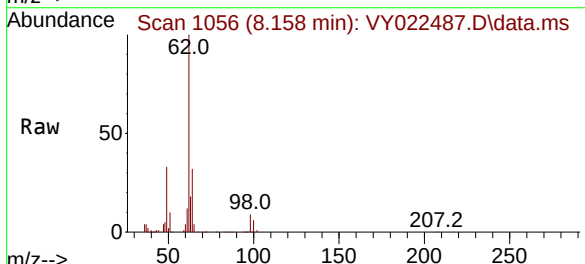
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

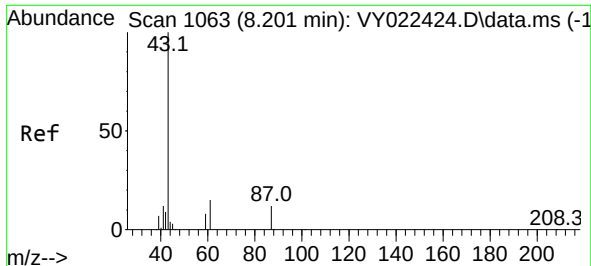
Tgt Ion:	41	Resp:	40119
Ion	Ratio	Lower	Upper
41	100		
39	56.6	40.4	60.6
67	74.6	53.0	79.4
52	32.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.050 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion:	62	Resp:	124976
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

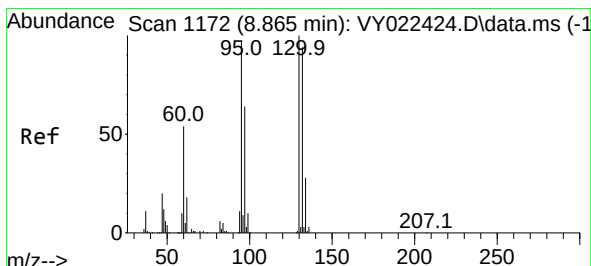
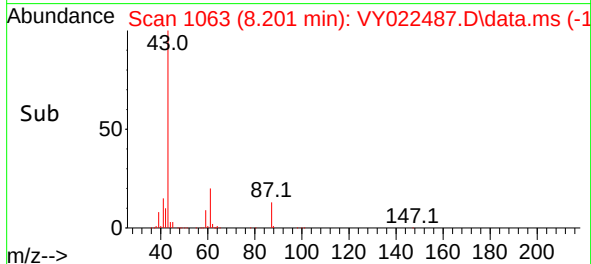
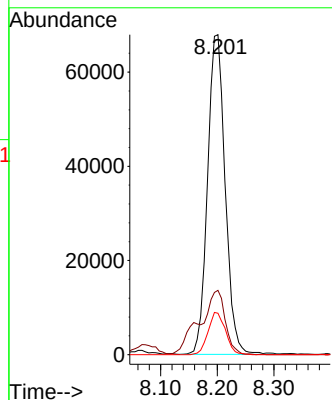
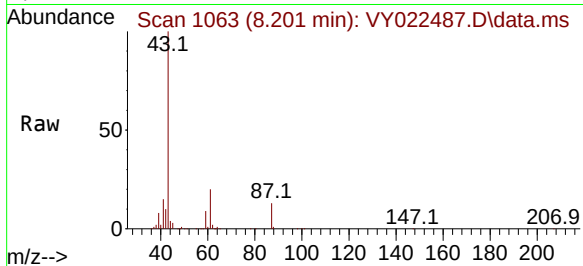




#43
Isopropyl Acetate
Concen: 53.665 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

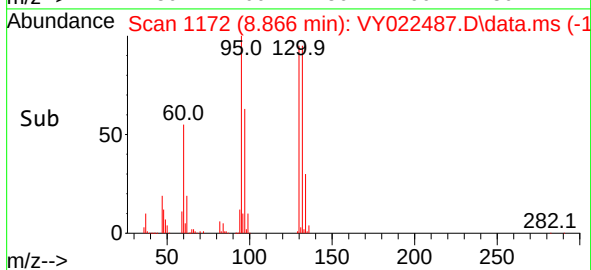
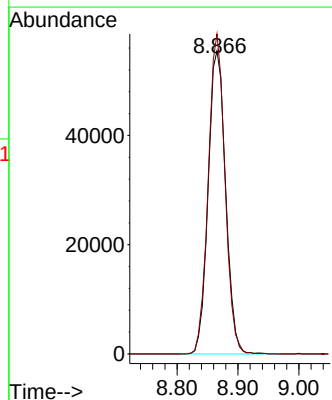
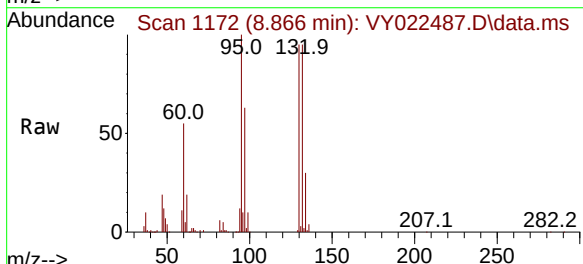
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

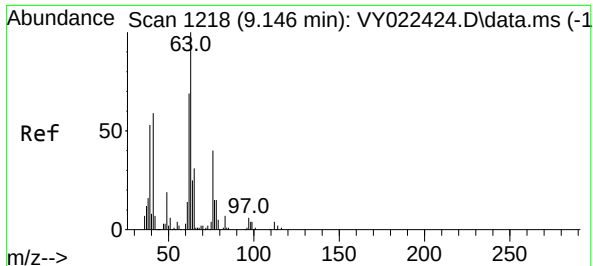
Tgt Ion: 43 Resp: 146634
Ion Ratio Lower Upper
43 100
61 29.4 15.4 23.0#
87 13.1 10.6 15.8



#44
Trichloroethene
Concen: 50.876 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion:130 Resp: 110110
Ion Ratio Lower Upper
130 100
95 105.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.500 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

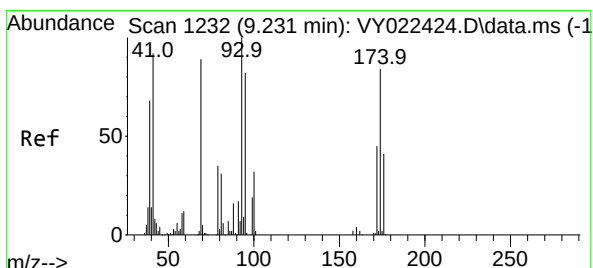
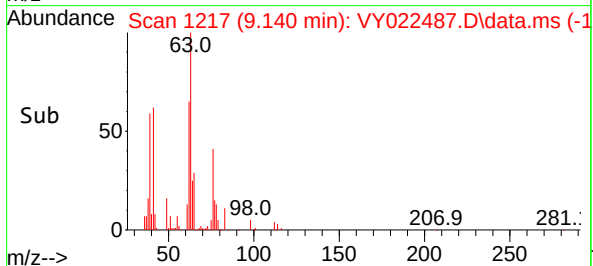
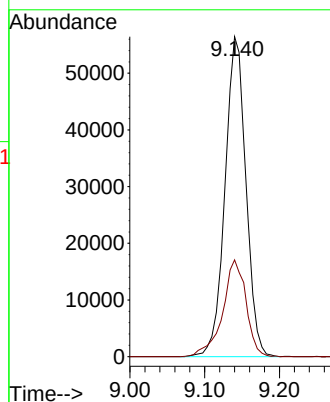
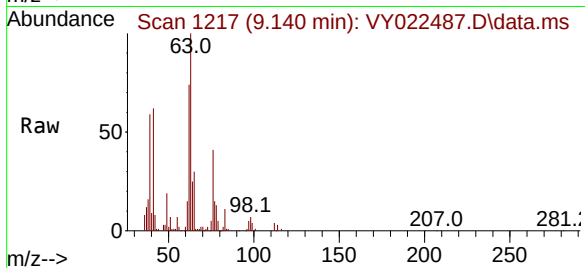
VSTDCCC050EC

Tgt Ion: 63 Resp: 110049

Ion Ratio Lower Upper

63 100

65 30.3 25.1 37.7



#46

Dibromomethane

Concen: 53.747 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

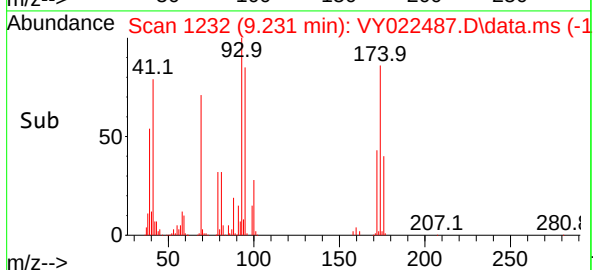
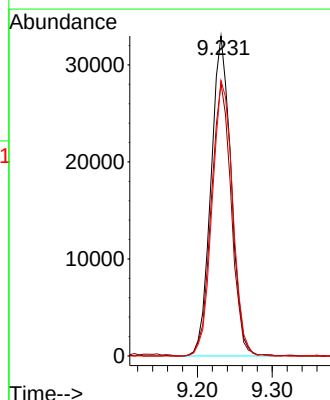
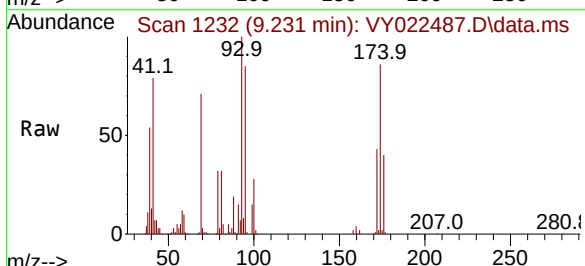
Tgt Ion: 93 Resp: 61760

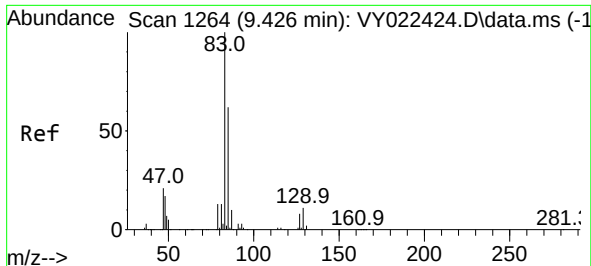
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.2

174 87.7 71.1 106.7

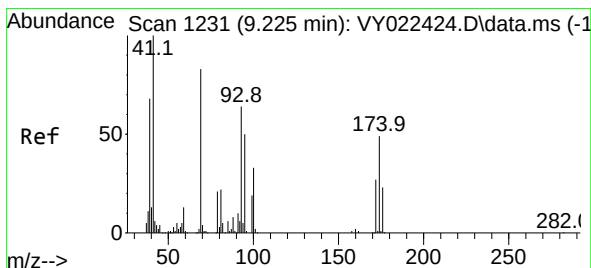
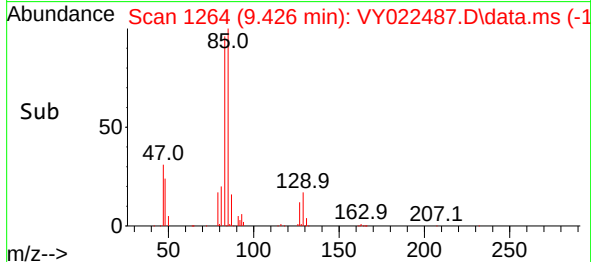
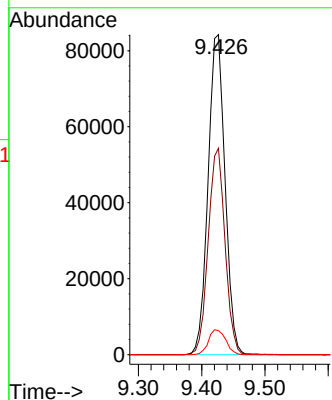
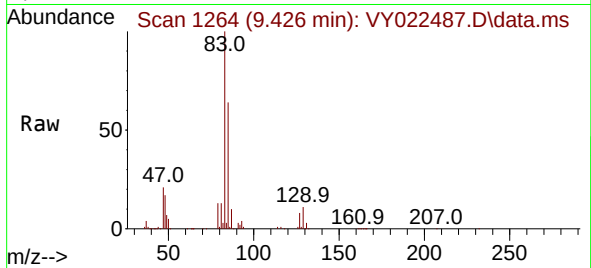




#47
Bromodichloromethane
Concen: 53.156 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

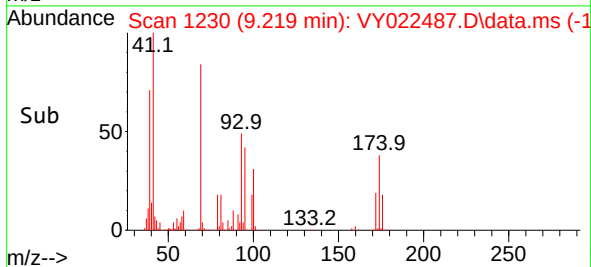
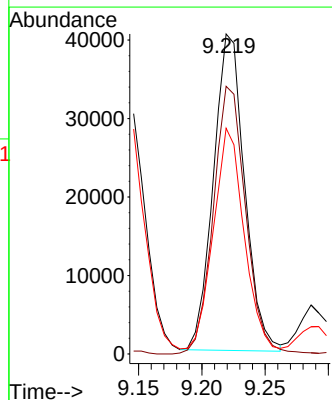
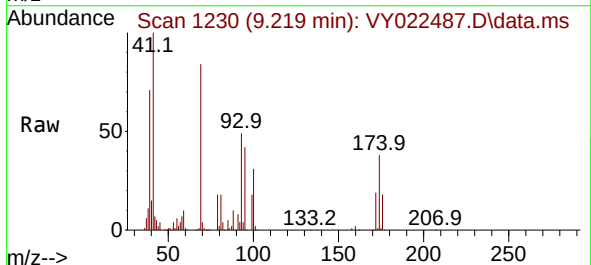
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

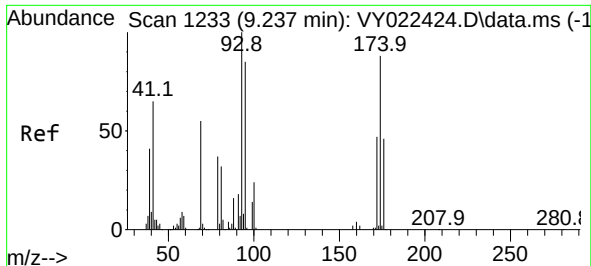
Tgt Ion: 83 Resp: 157073
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 7.5 6.6 9.8



#48
Methyl methacrylate
Concen: 54.599 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 41 Resp: 69252
Ion Ratio Lower Upper
41 100
69 87.6 70.3 105.5
39 71.8 55.4 83.0





#49

1,4-Dioxane

Concen: 1168.055 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

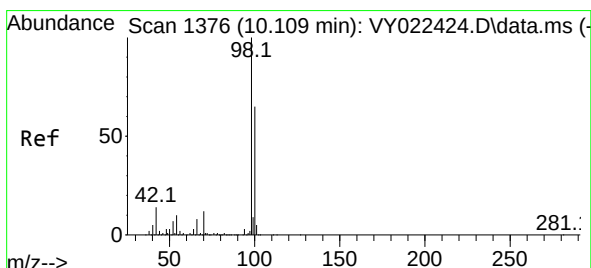
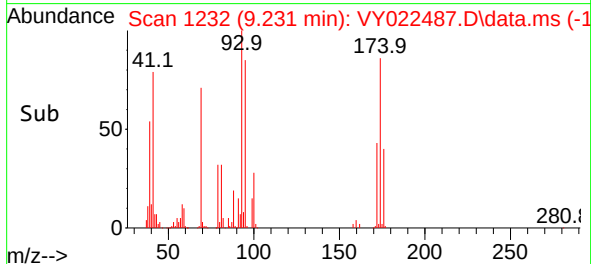
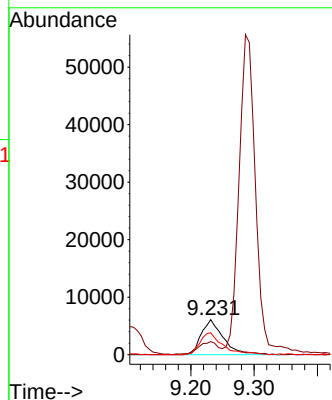
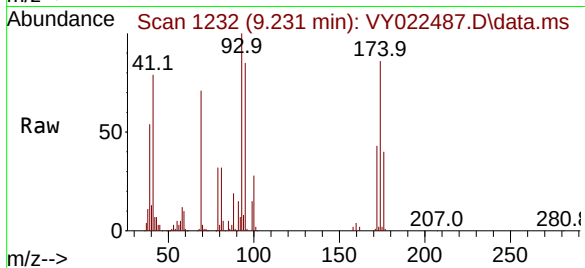
Tgt Ion: 88 Resp: 14825

Ion Ratio Lower Upper

88 100

43 33.9 26.9 40.3

58 65.2 55.8 83.6



#50

Toluene-d8

Concen: 54.328 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022487.D

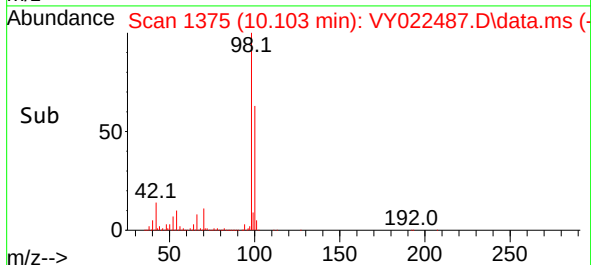
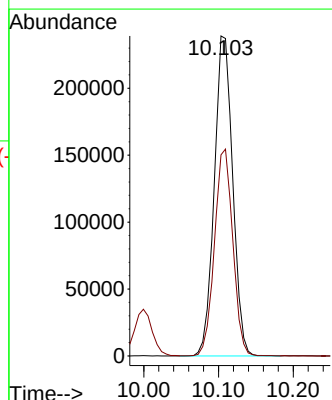
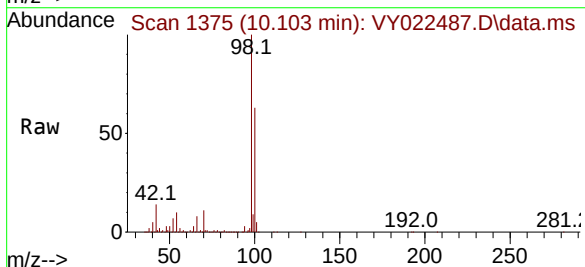
Acq: 30 May 2025 18:57

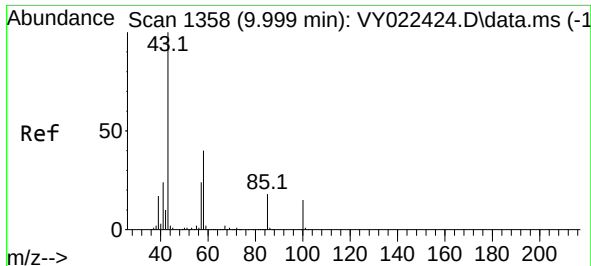
Tgt Ion: 98 Resp: 410646

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 279.813 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

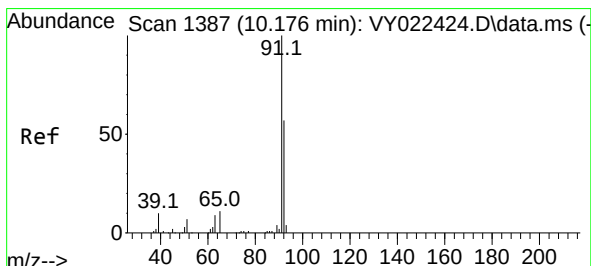
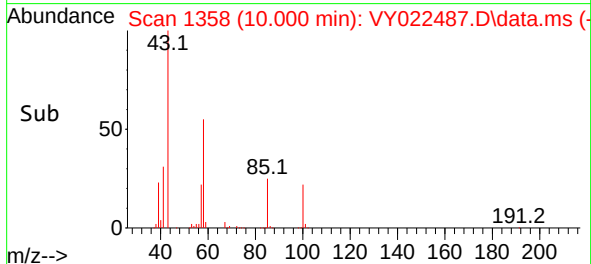
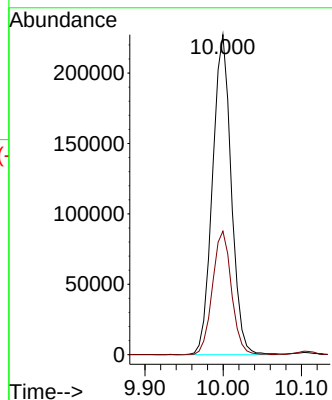
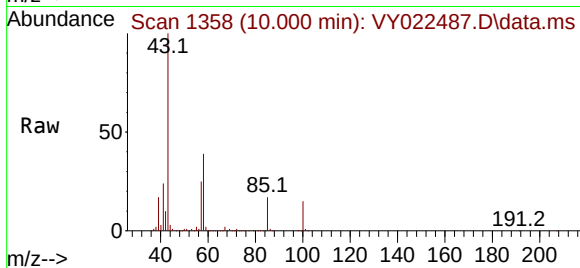
VSTDCCC050EC

Tgt Ion: 43 Resp: 377234

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 53.076 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022487.D

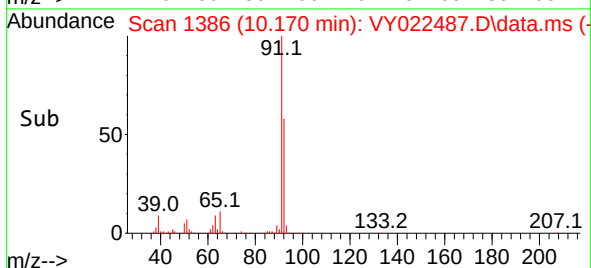
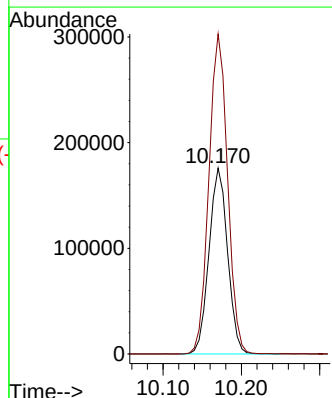
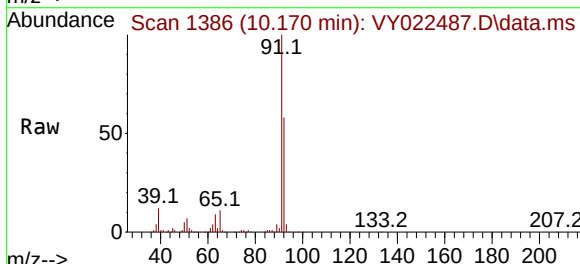
Acq: 30 May 2025 18:57

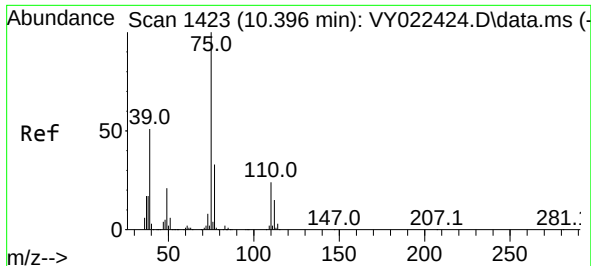
Tgt Ion: 92 Resp: 290236

Ion Ratio Lower Upper

92 100

91 172.7 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 52.044 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

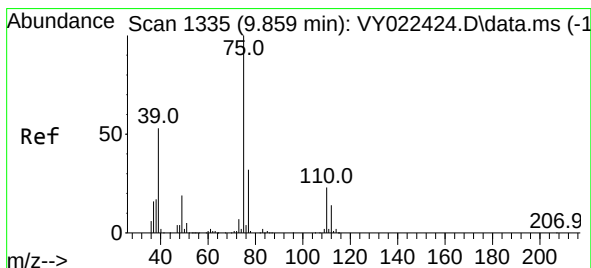
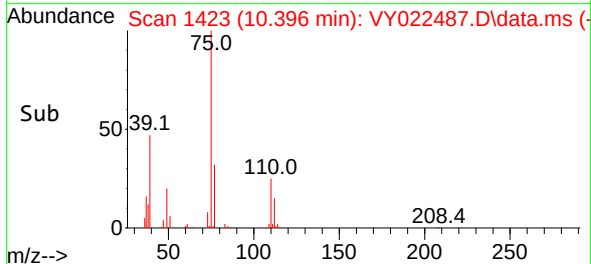
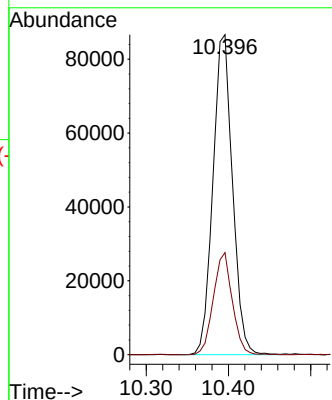
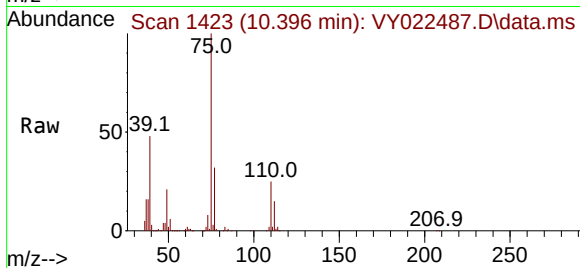
VSTDCCC050EC

Tgt Ion: 75 Resp: 143248

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 52.088 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

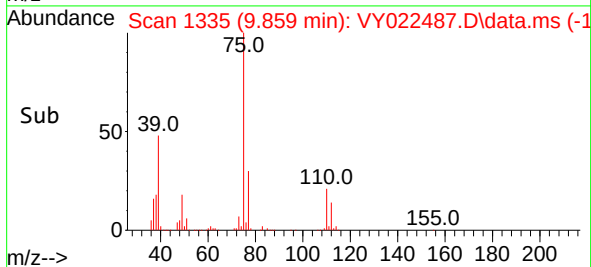
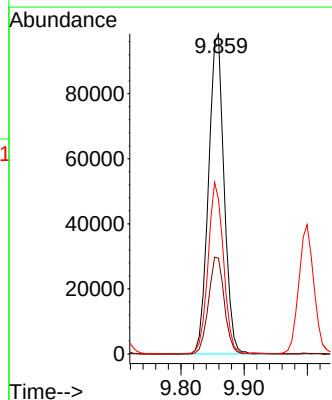
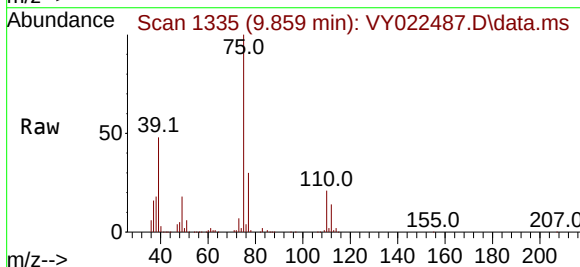
Tgt Ion: 75 Resp: 168461

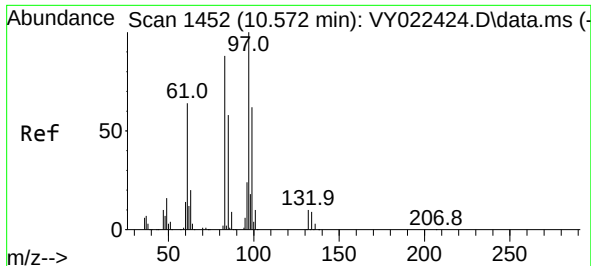
Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2

39 48.4 42.5 63.7

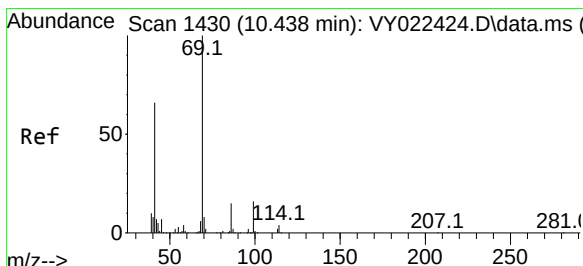
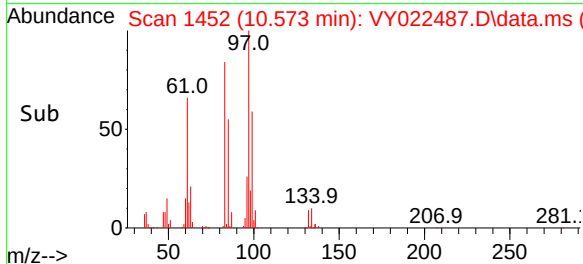
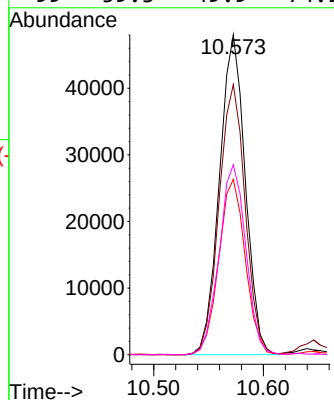
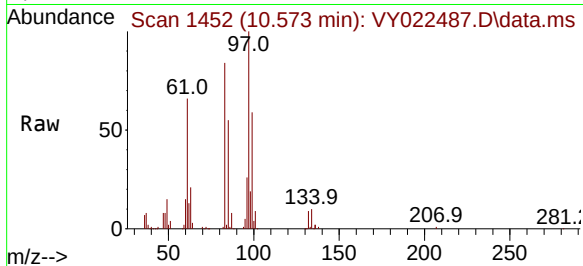




#55
1,1,2-Trichloroethane
Concen: 54.123 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

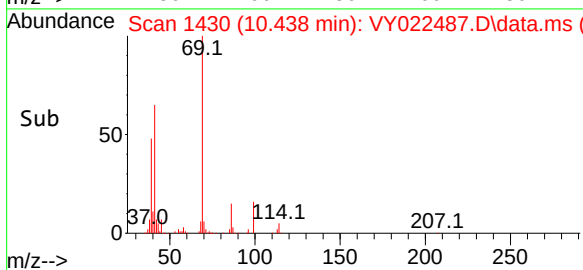
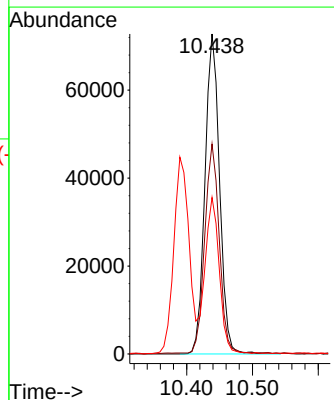
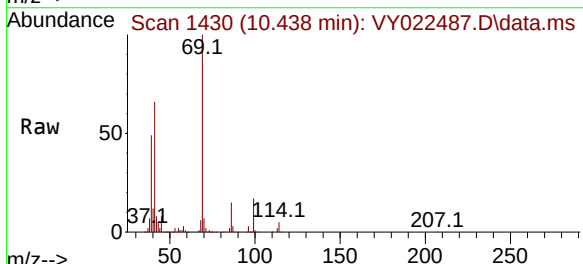
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

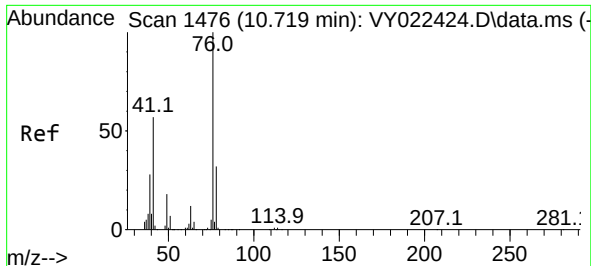
Tgt Ion:	97	Resp:	78632
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.4
85	54.8	46.1	69.1
99	59.3	49.9	74.9



#56
Ethyl methacrylate
Concen: 53.899 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion:	69	Resp:	112374
Ion	Ratio	Lower	Upper
69	100		
41	66.5	51.2	76.8
39	47.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 55.080 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

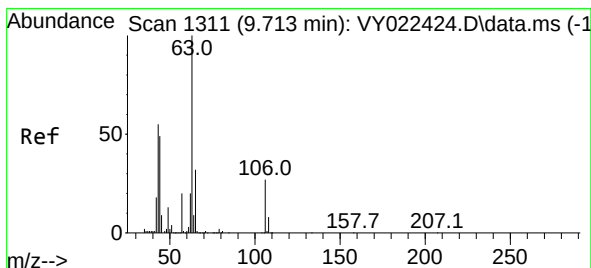
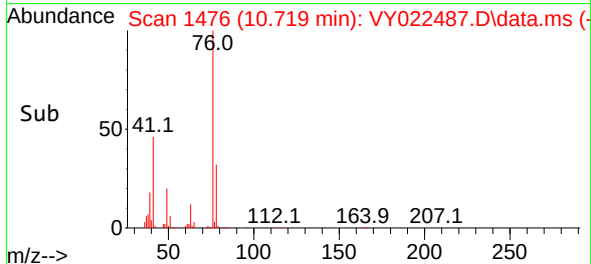
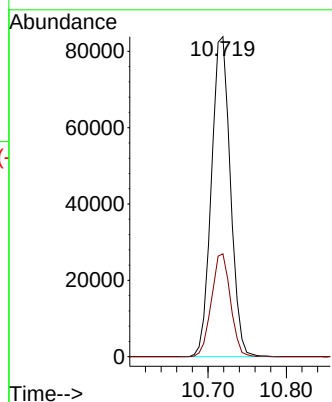
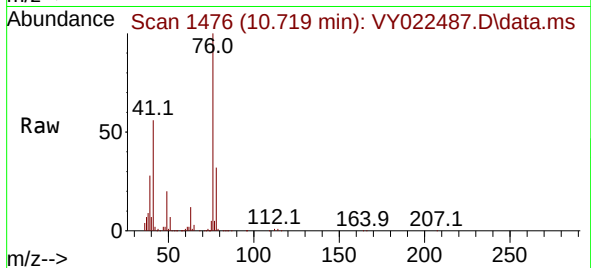
VSTDCCC050EC

Tgt Ion: 76 Resp: 141019

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 280.829 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022487.D

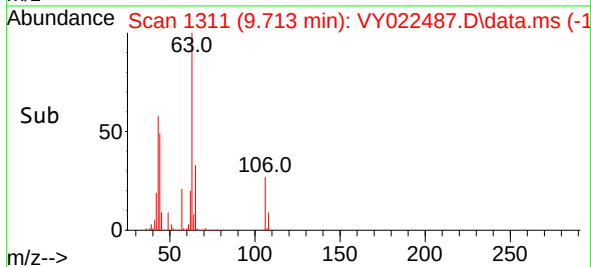
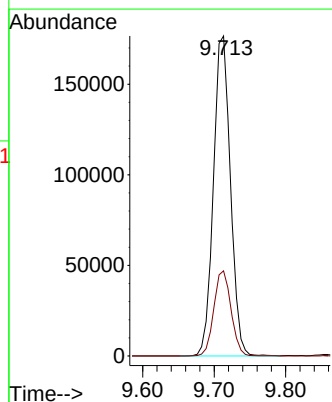
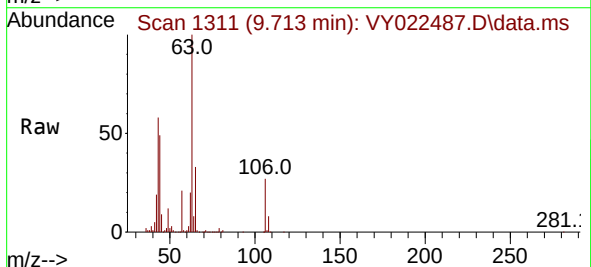
Acq: 30 May 2025 18:57

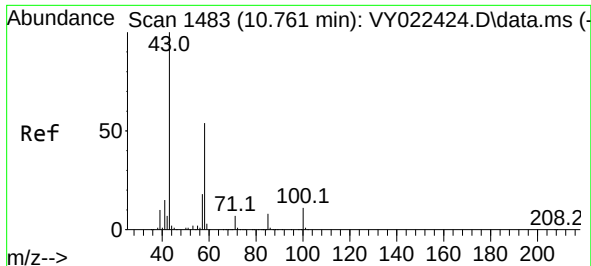
Tgt Ion: 63 Resp: 291801

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2

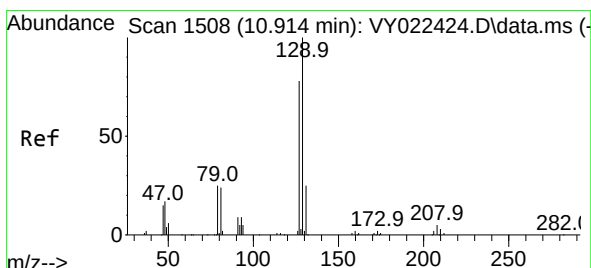
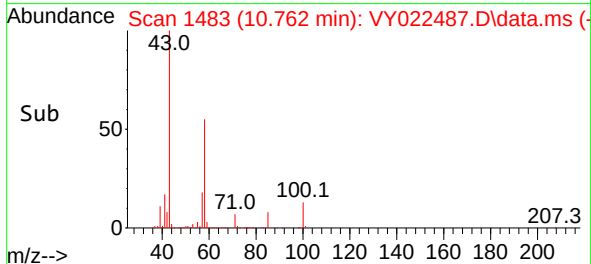
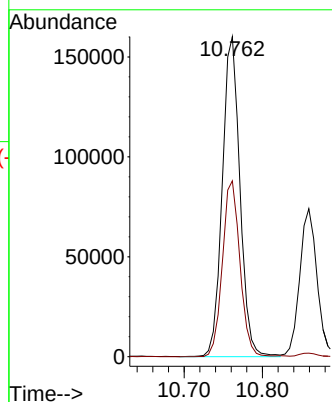
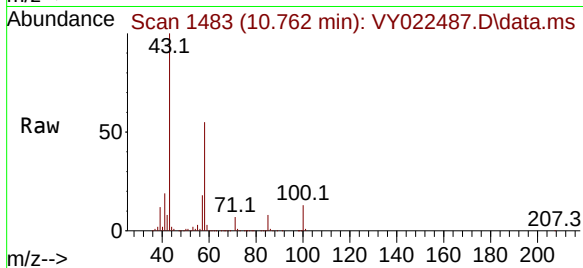




#59
2-Hexanone
Concen: 284.034 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

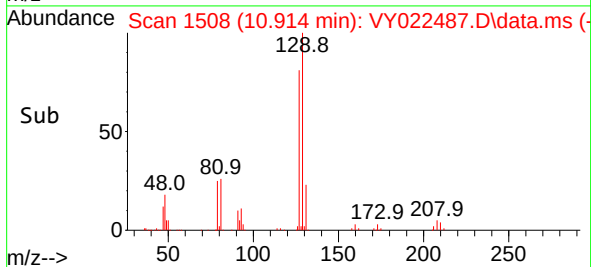
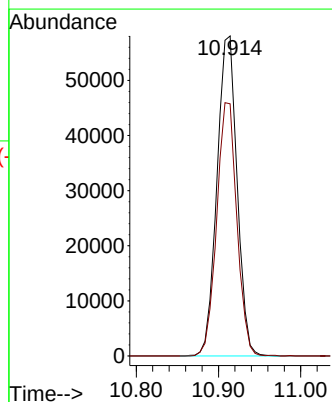
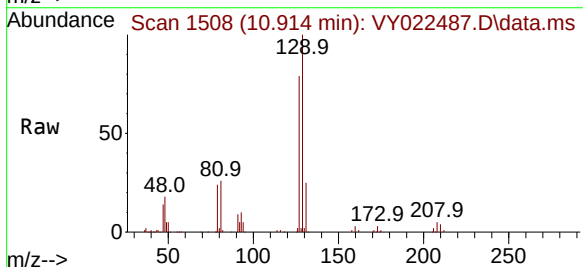
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

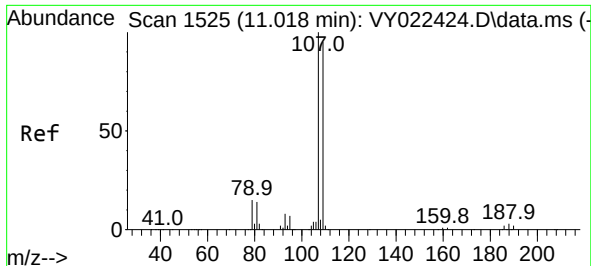
Tgt Ion: 43 Resp: 250949
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 53.169 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 129 Resp: 98674
Ion Ratio Lower Upper
129 100
127 79.4 38.3 114.8

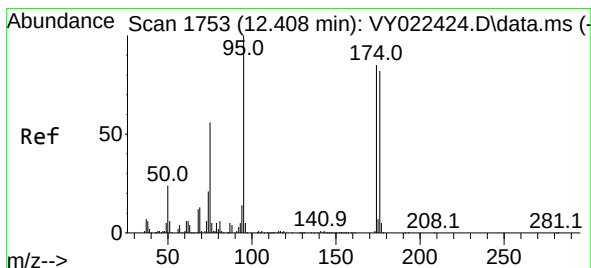
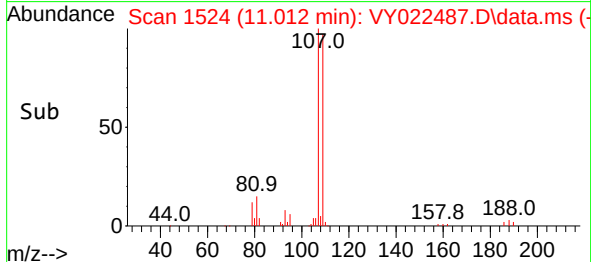
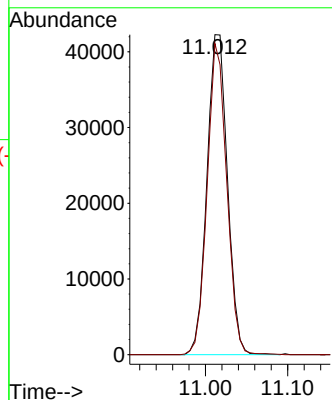
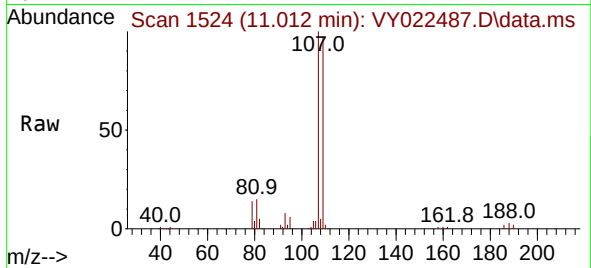




#61
1,2-Dibromoethane
Concen: 55.090 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

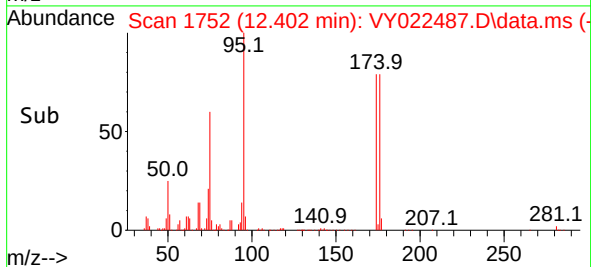
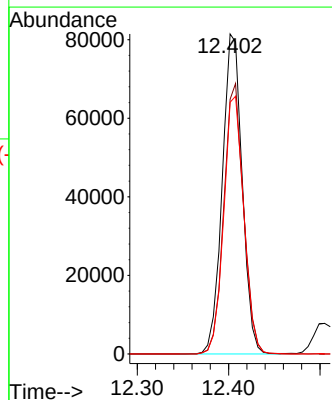
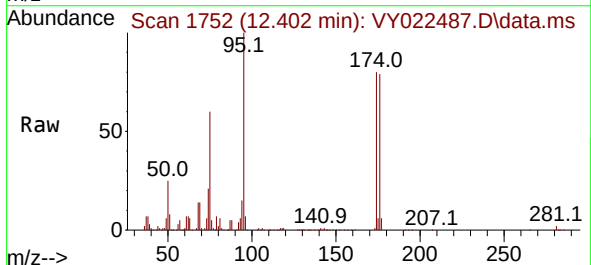
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

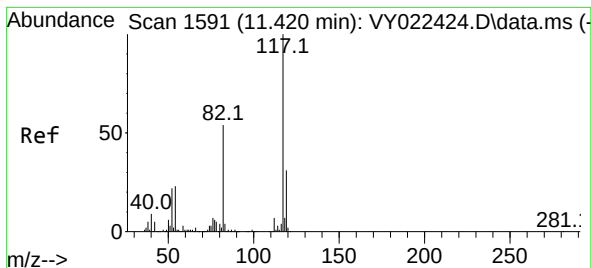
Tgt Ion:107 Resp: 73204
Ion Ratio Lower Upper
107 100
109 92.7 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 54.003 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 95 Resp: 123471
Ion Ratio Lower Upper
95 100
174 83.4 0.0 171.6
176 81.3 0.0 164.6

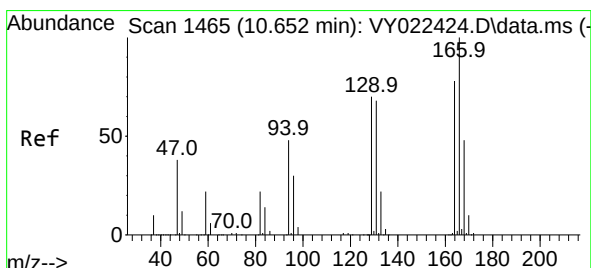
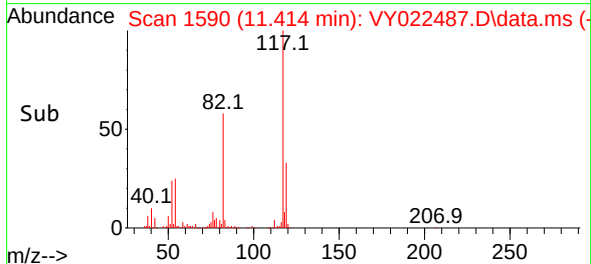
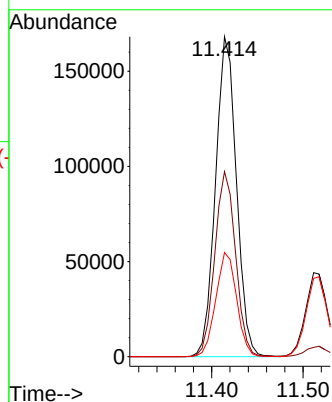
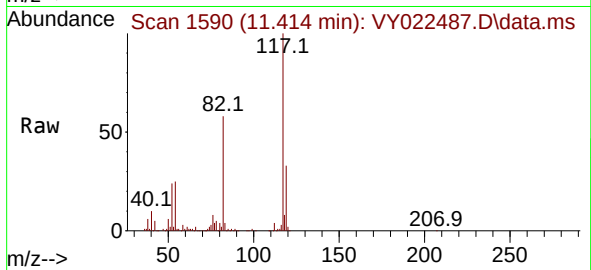




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

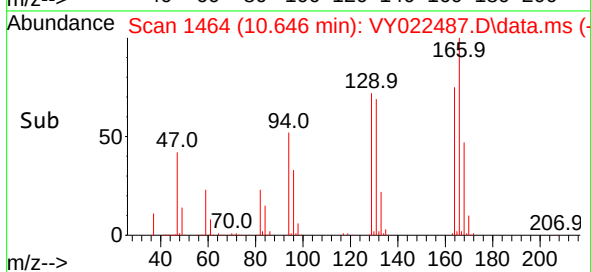
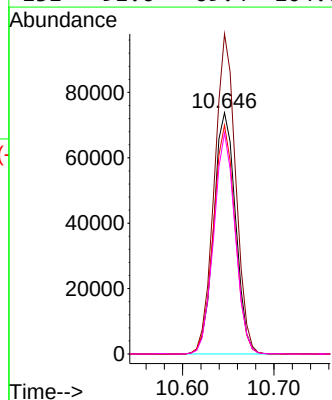
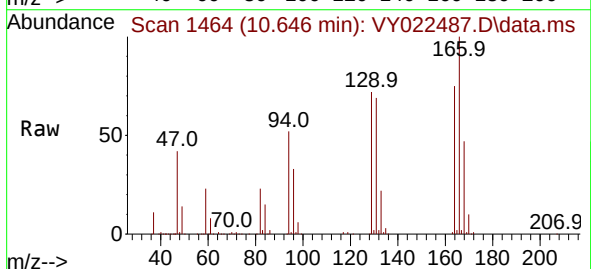
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

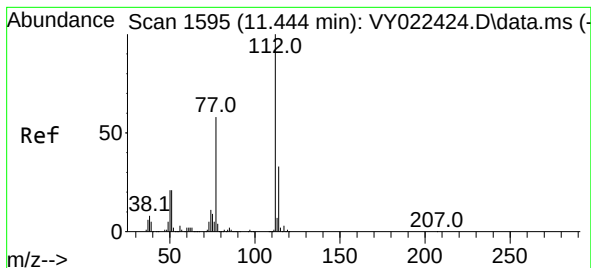
Tgt Ion:117 Resp: 267381
Ion Ratio Lower Upper
117 100
82 57.9 43.3 64.9
119 32.5 24.5 36.7



#64
Tetrachloroethene
Concen: 53.793 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion:164 Resp: 122496
Ion Ratio Lower Upper
164 100
166 132.7 102.0 153.0
129 94.9 71.3 106.9
131 91.6 69.4 104.0





#65

Chlorobenzene

Concen: 52.879 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

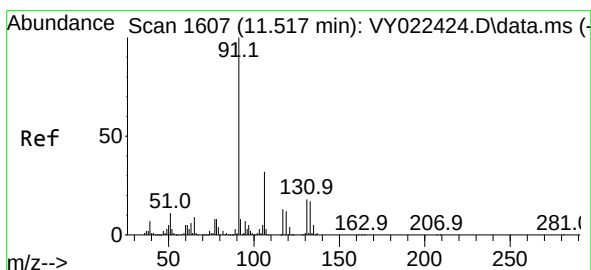
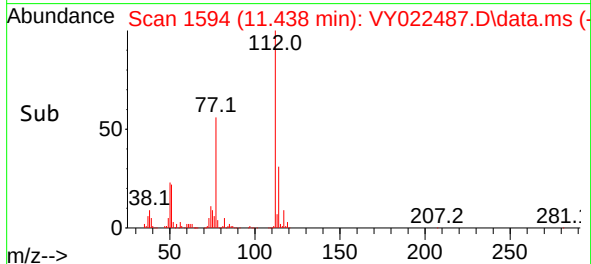
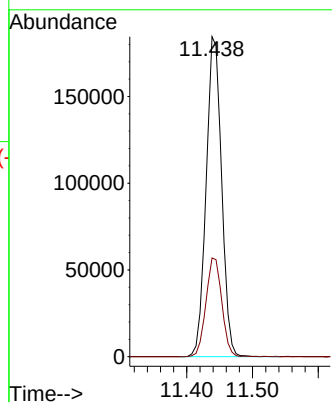
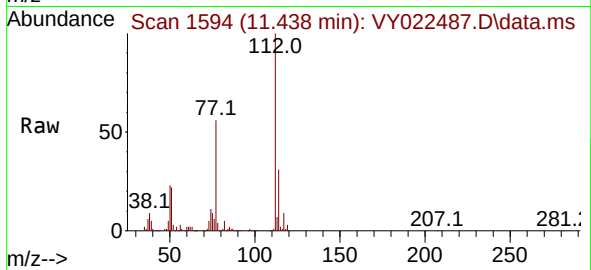
VSTDCCC050EC

Tgt Ion:112 Resp: 301482

Ion Ratio Lower Upper

112 100

114 30.9 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.732 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

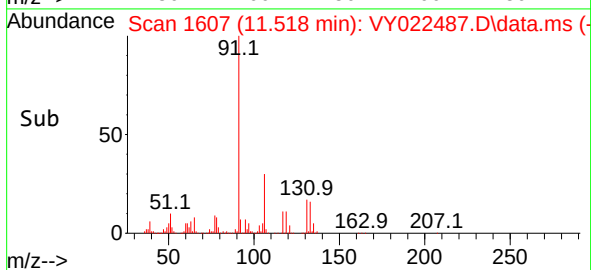
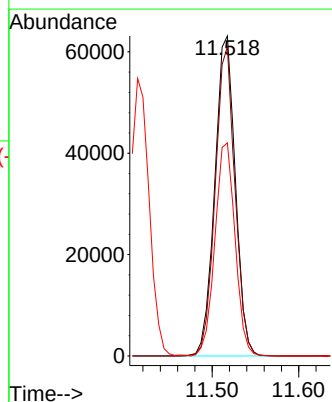
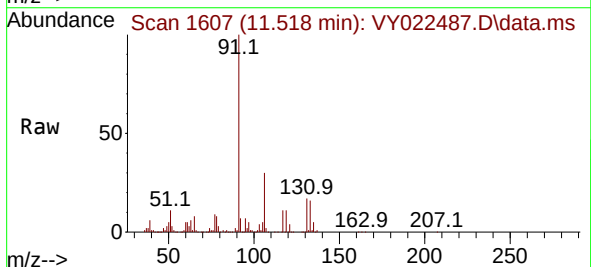
Tgt Ion:131 Resp: 103794

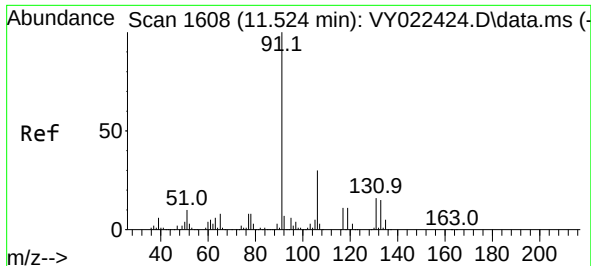
Ion Ratio Lower Upper

131 100

133 93.4 46.6 139.8

119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 52.691 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

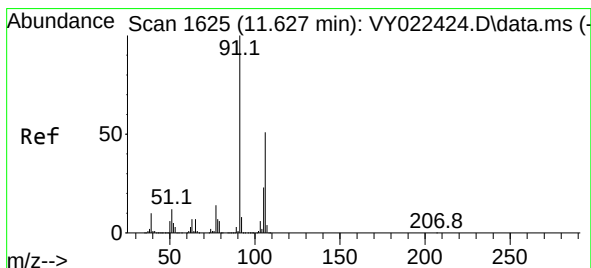
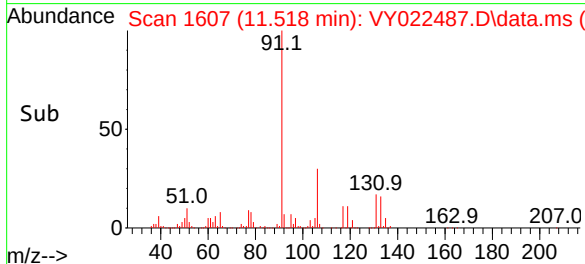
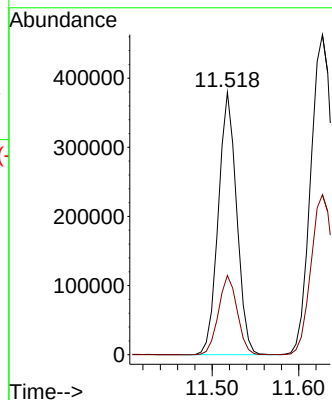
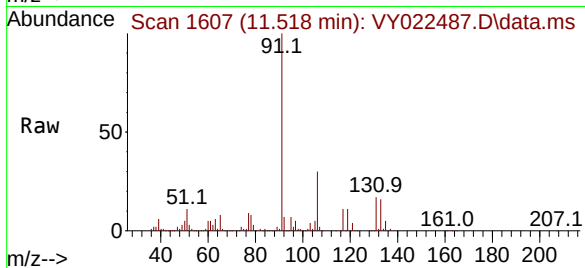
VSTDCCC050EC

Tgt Ion: 91 Resp: 557798

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 104.255 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022487.D

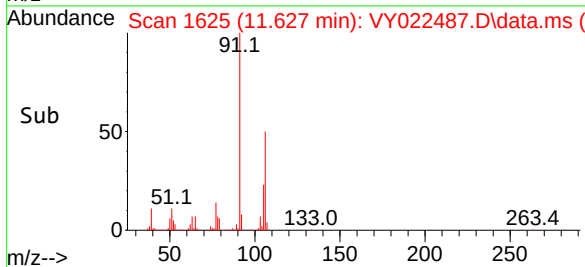
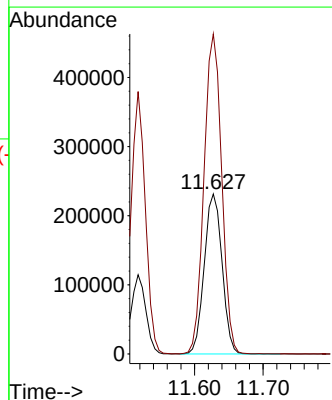
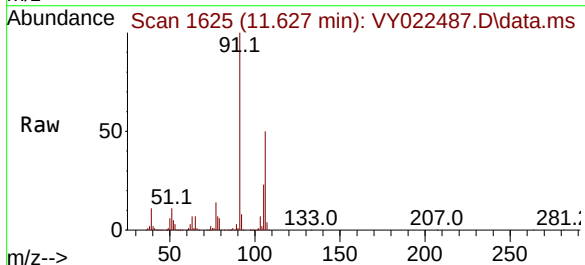
Acq: 30 May 2025 18:57

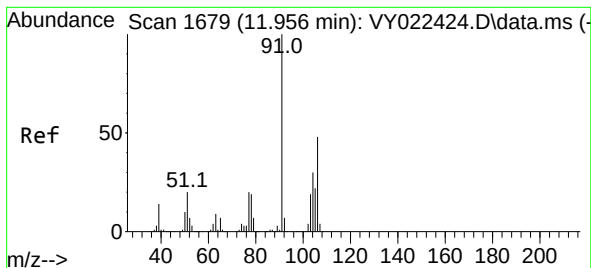
Tgt Ion:106 Resp: 418447

Ion Ratio Lower Upper

106 100

91 198.3 159.8 239.8





#69

o-Xylene

Concen: 52.257 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

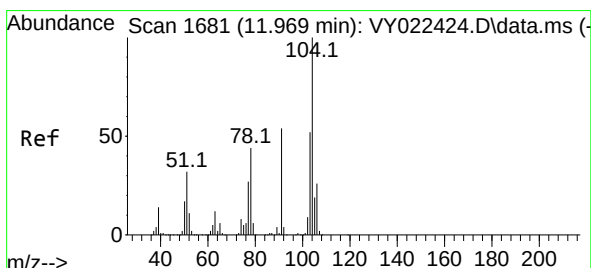
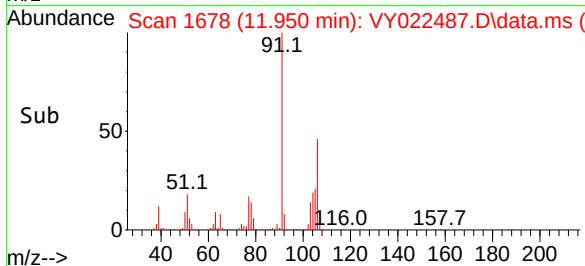
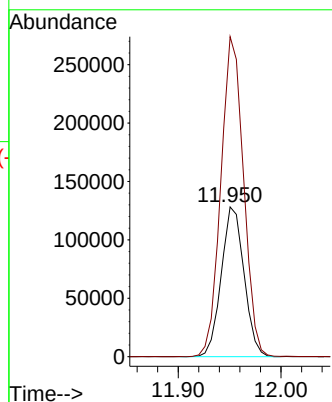
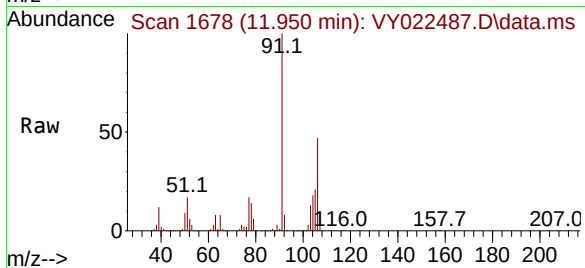
VSTDCCC050EC

Tgt Ion:106 Resp: 197123

Ion Ratio Lower Upper

106 100

91 213.4 106.3 318.9



#70

Styrene

Concen: 53.780 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

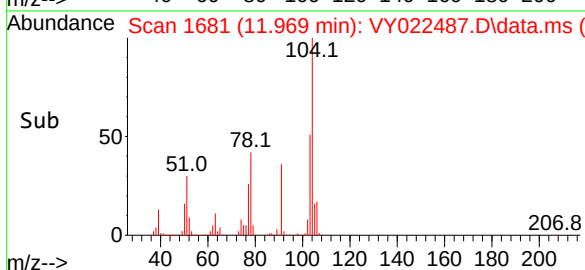
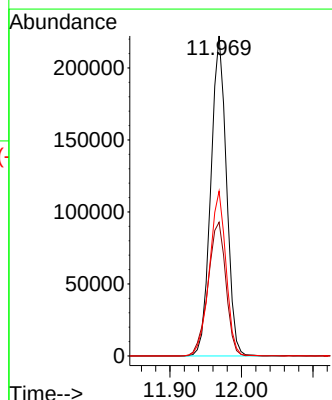
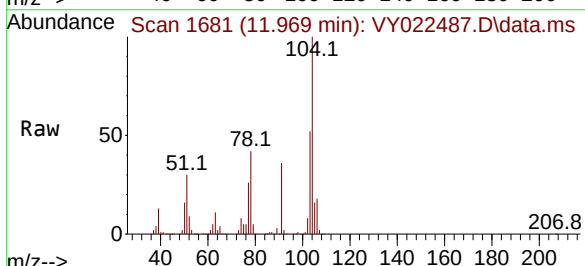
Tgt Ion:104 Resp: 337801

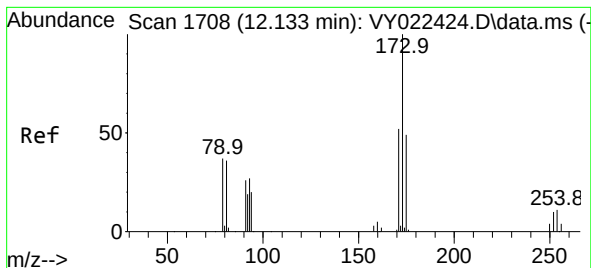
Ion Ratio Lower Upper

104 100

78 47.8 38.8 58.2

103 54.6 43.4 65.2





#71

Bromoform

Concen: 52.651 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

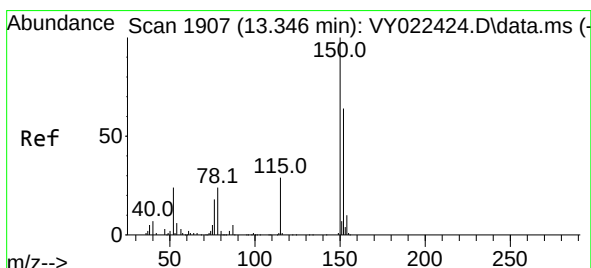
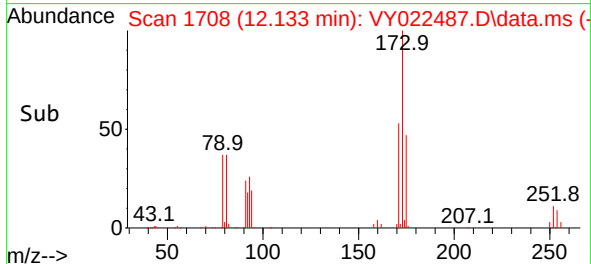
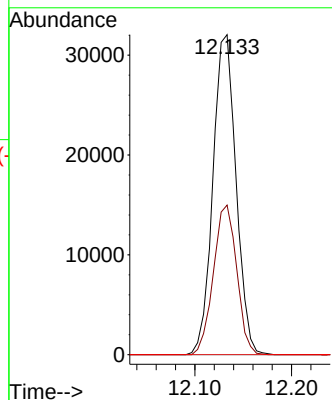
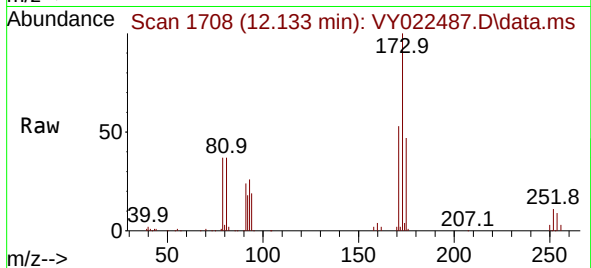
Tgt Ion:173 Resp: 53273

Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

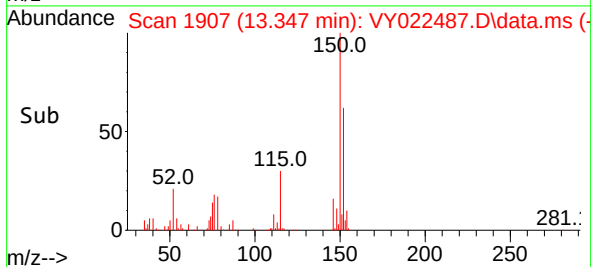
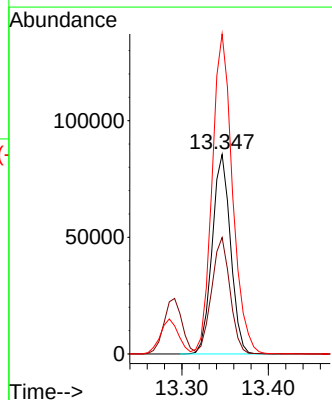
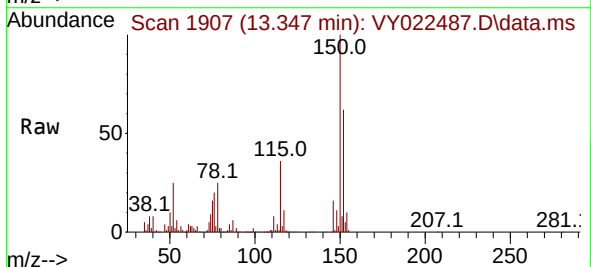
Tgt Ion:152 Resp: 126266

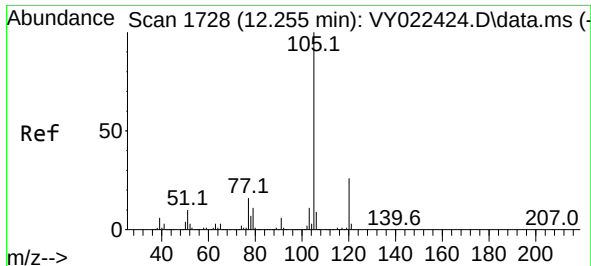
Ion Ratio Lower Upper

152 100

115 58.3 28.4 85.3

150 177.4 0.0 345.8

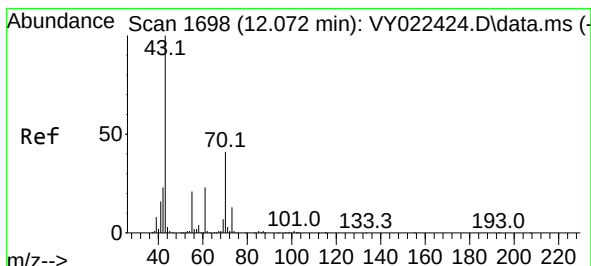
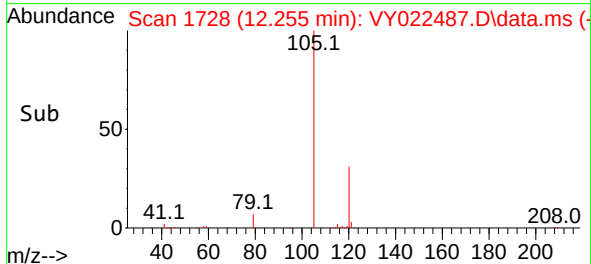
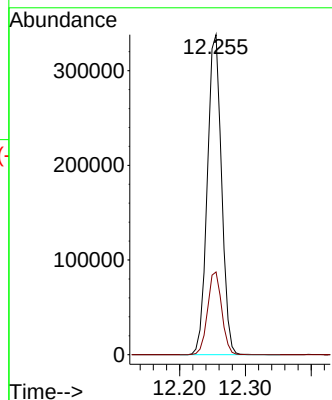
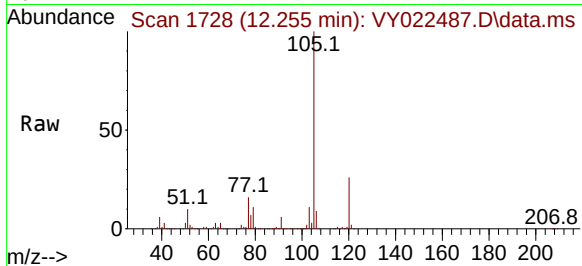




#73
Isopropylbenzene
Concen: 50.983 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

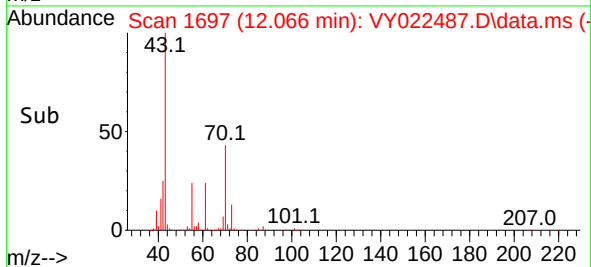
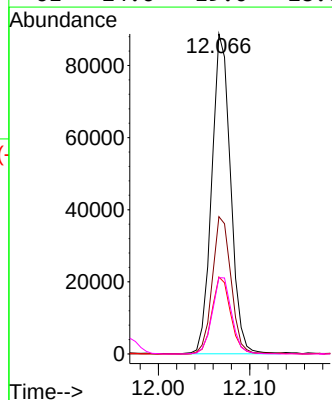
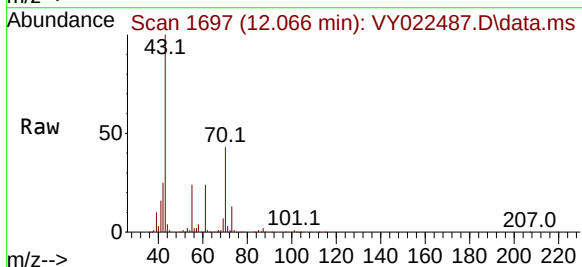
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

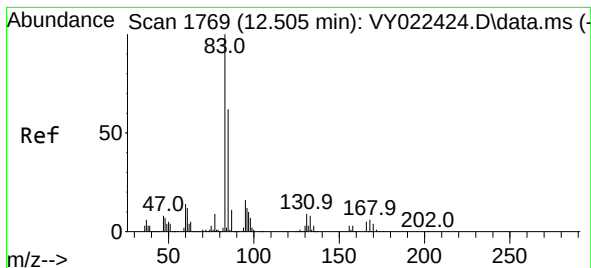
Tgt Ion:105 Resp: 506653
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 52.122 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 43 Resp: 126743
Ion Ratio Lower Upper
43 100
70 42.9 33.0 49.4
55 24.0 17.5 26.3
61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.966 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

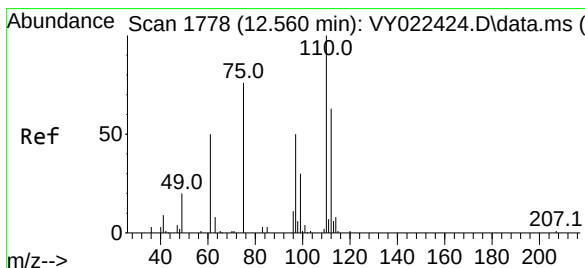
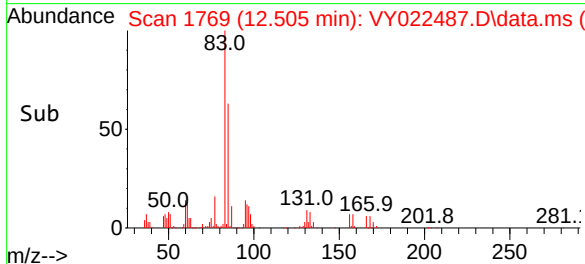
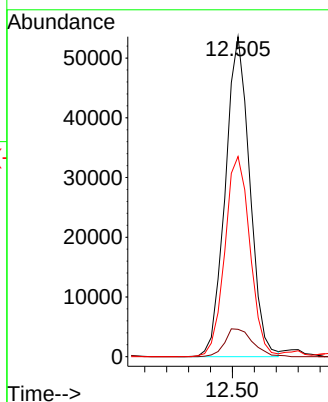
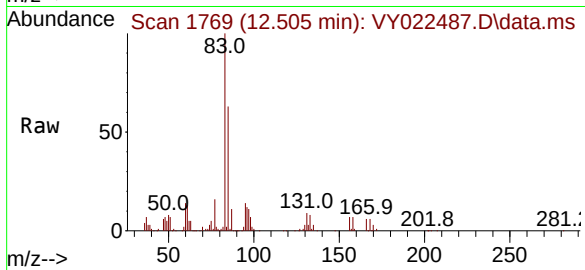
Tgt Ion: 83 Resp: 82929

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.4

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 95.152 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY022487.D

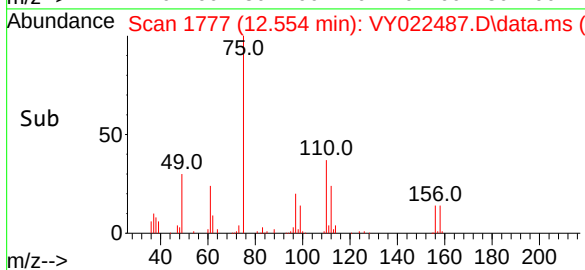
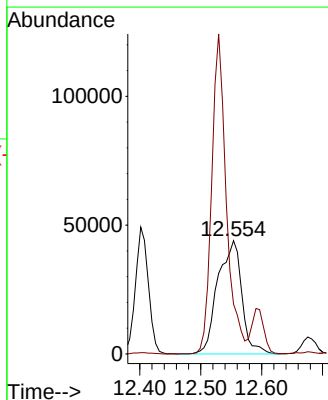
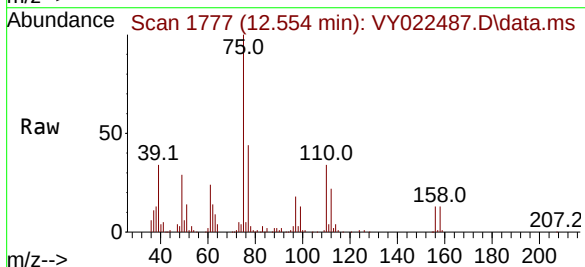
Acq: 30 May 2025 18:57

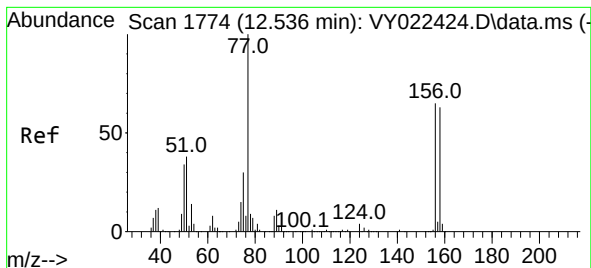
Tgt Ion: 75 Resp: 120345

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.114 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

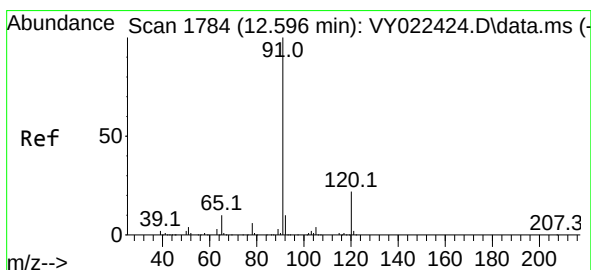
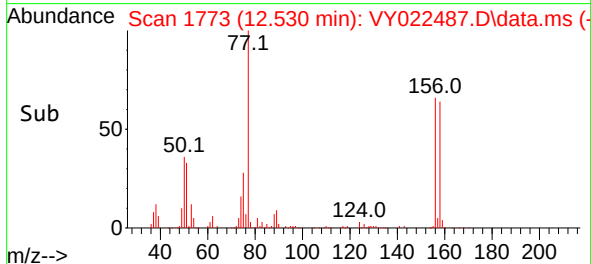
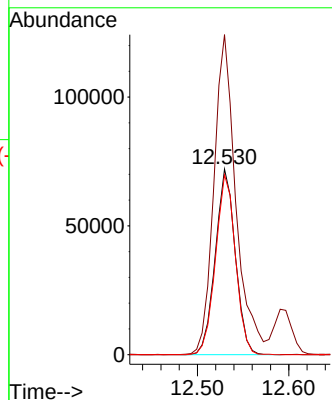
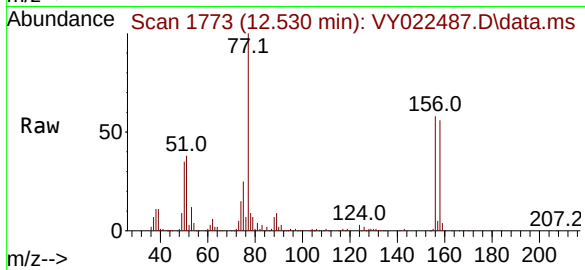
Tgt Ion:156 Resp: 109310

Ion Ratio Lower Upper

156 100

77 189.7 91.4 274.2

158 96.8 48.1 144.3



#78

n-propylbenzene

Concen: 51.442 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022487.D

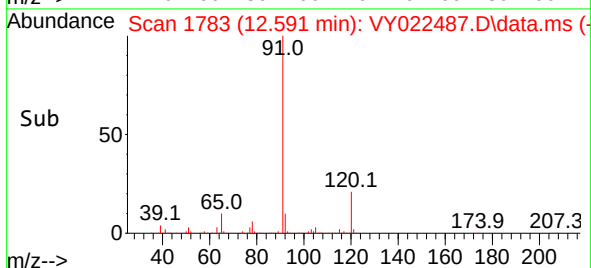
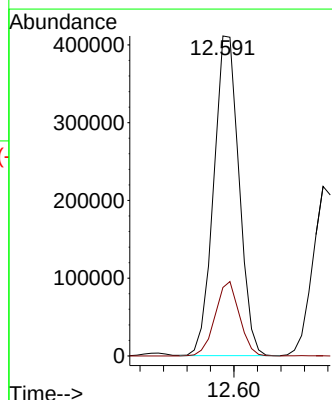
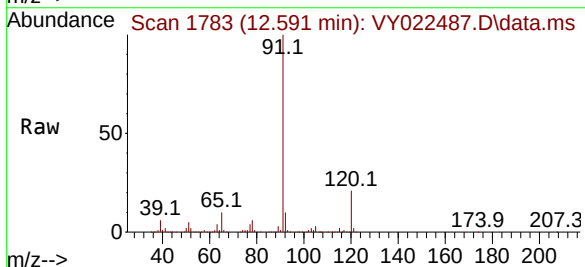
Acq: 30 May 2025 18:57

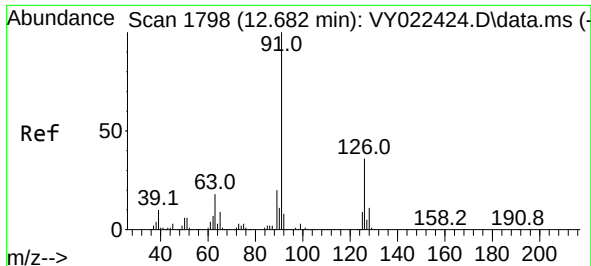
Tgt Ion: 91 Resp: 613496

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5

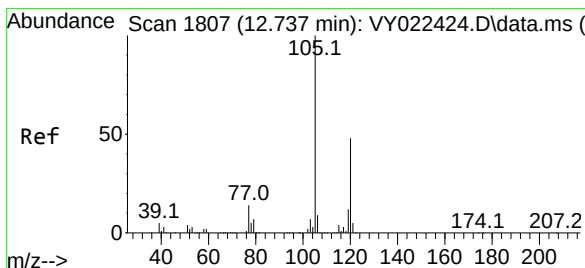
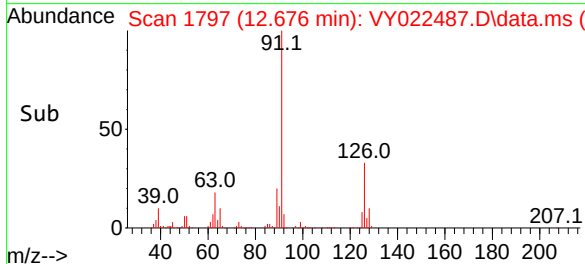
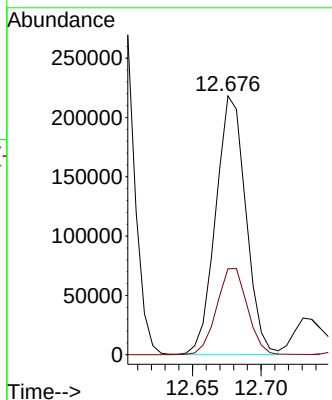
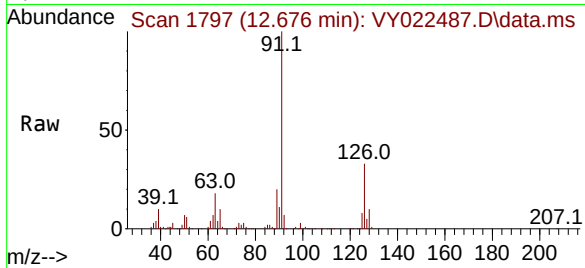




#79
2-Chlorotoluene
Concen: 51.677 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

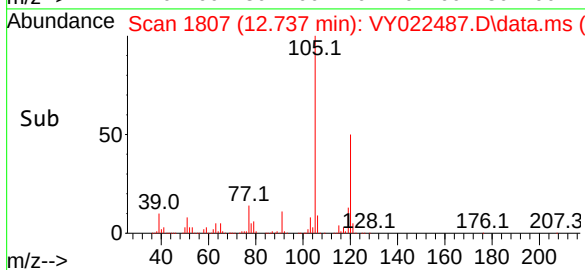
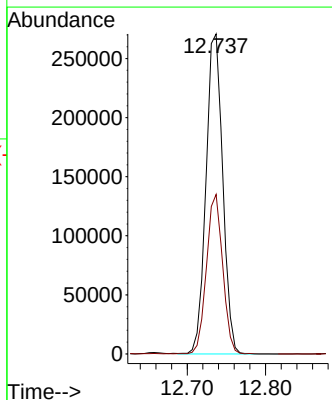
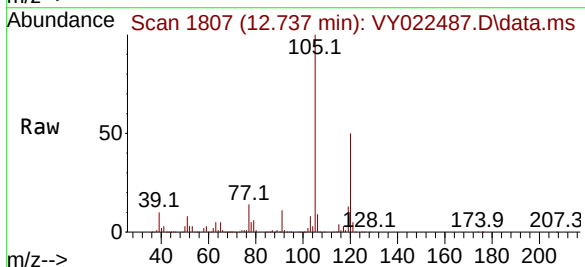
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

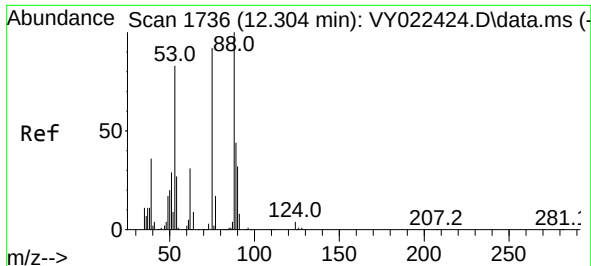
Tgt Ion: 91 Resp: 333610
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.597 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 105 Resp: 400633
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0

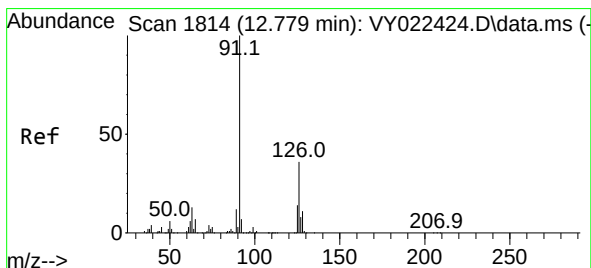
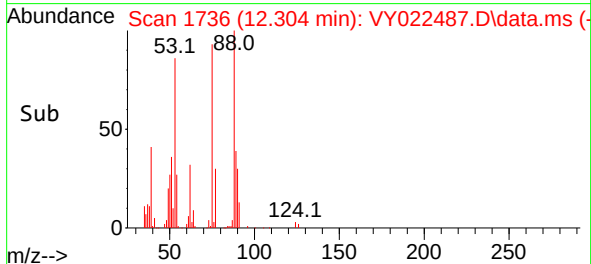
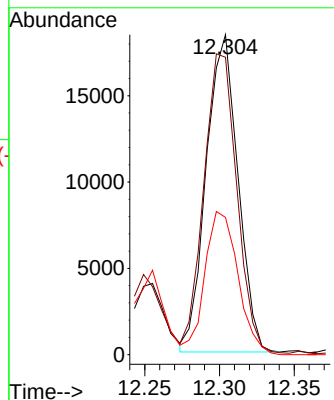
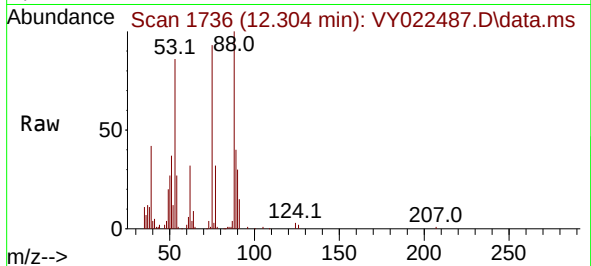




#81
trans-1,4-Dichloro-2-butene
Concen: 48.470 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

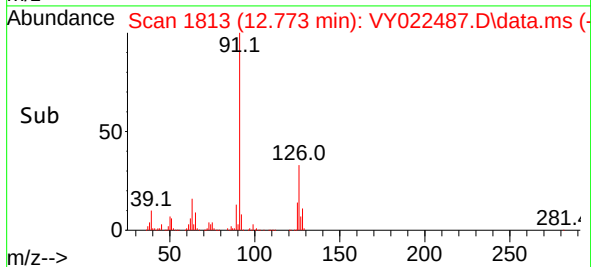
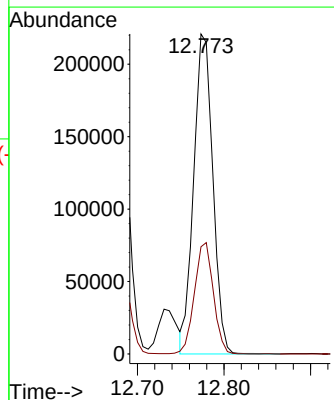
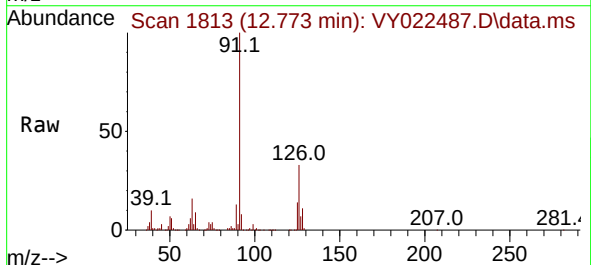
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

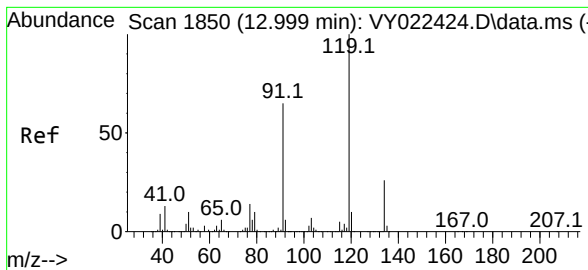
Tgt Ion: 75 Resp: 27108
Ion Ratio Lower Upper
75 100
53 98.7 75.1 112.7
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.040 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022487.D
Acq: 30 May 2025 18:57

Tgt Ion: 91 Resp: 339359
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

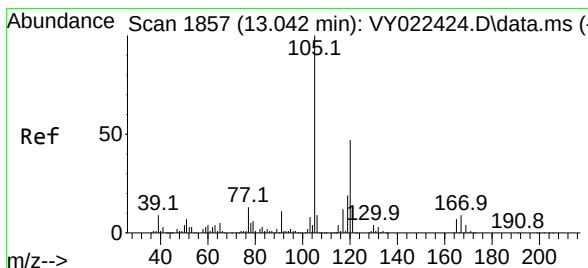
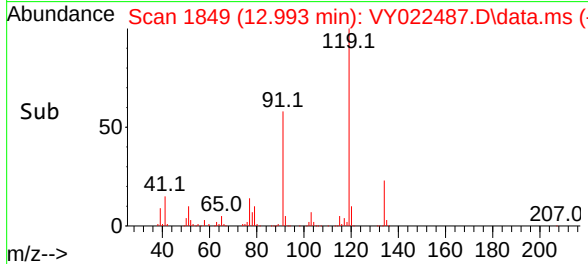
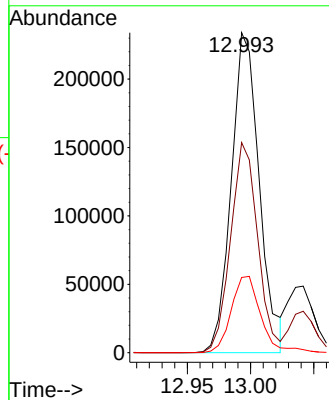
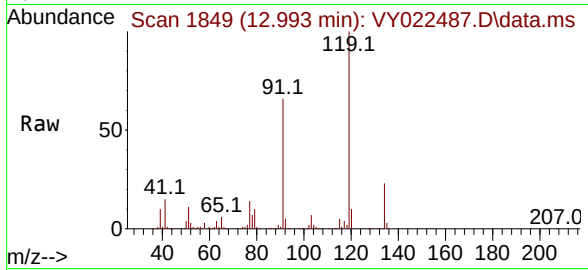




#83
 tert-Butylbenzene
 Concen: 51.331 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

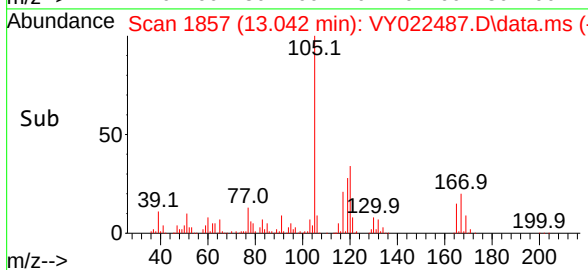
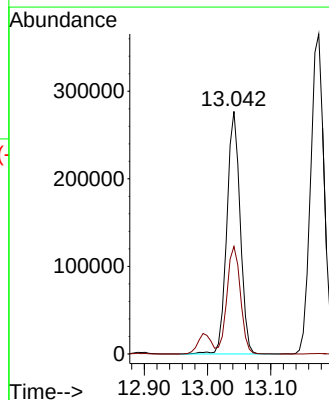
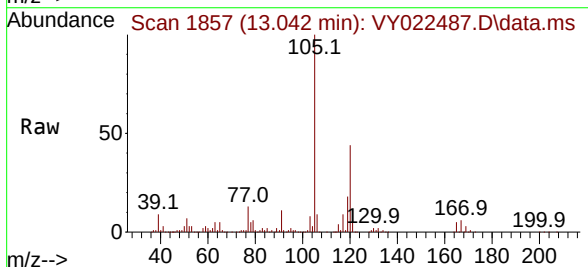
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

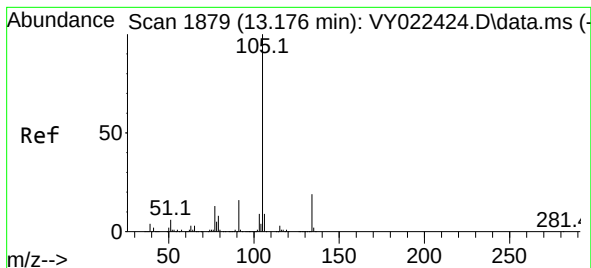
Tgt Ion:119 Resp: 360101
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.8 95.3
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.556 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

Tgt Ion:105 Resp: 402845
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 51.749 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

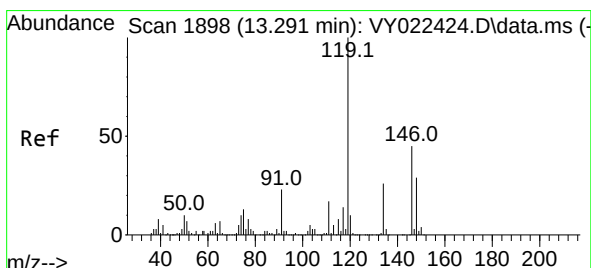
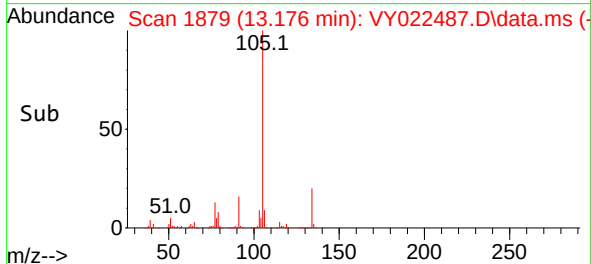
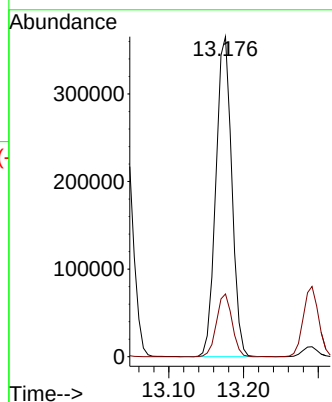
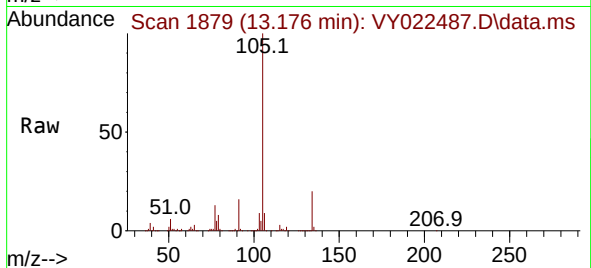
VSTDCCC050EC

Tgt Ion:105 Resp: 538390

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 51.172 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

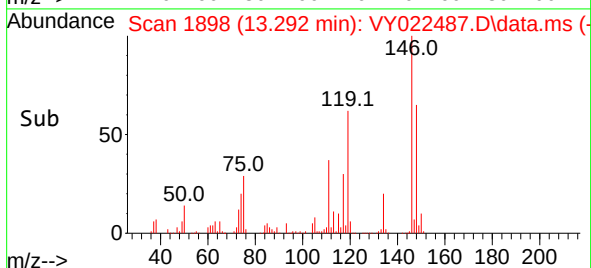
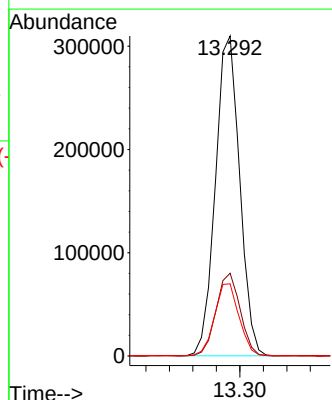
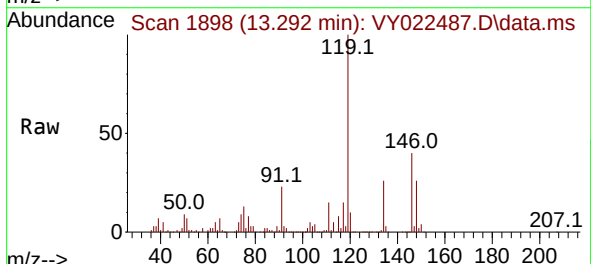
Tgt Ion:119 Resp: 444569

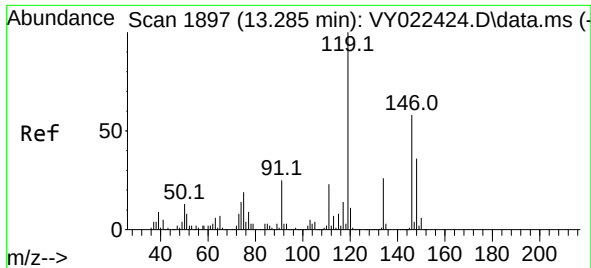
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 22.9 11.6 34.8

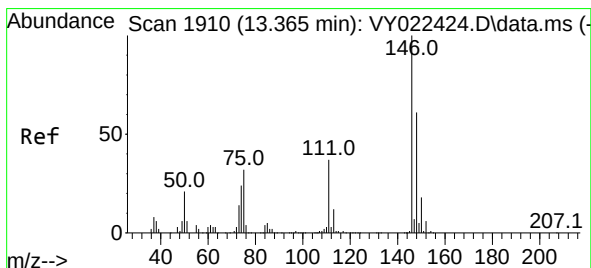
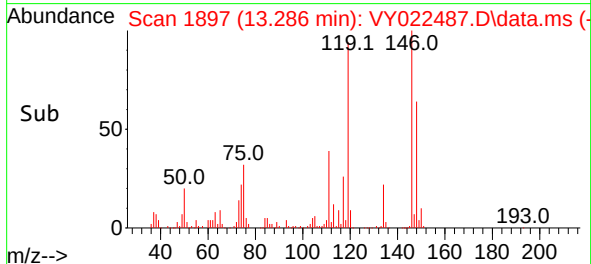
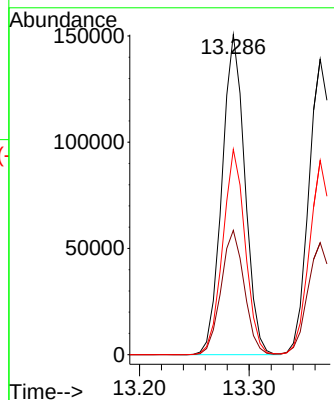
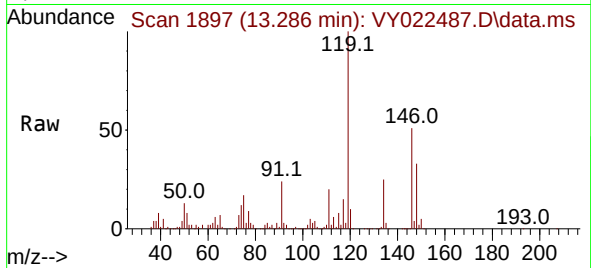




#87
 1,3-Dichlorobenzene
 Concen: 50.890 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

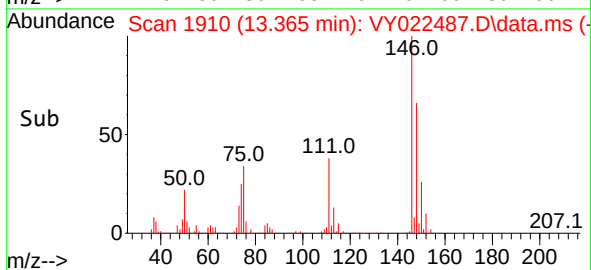
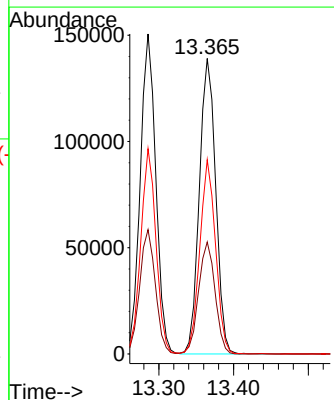
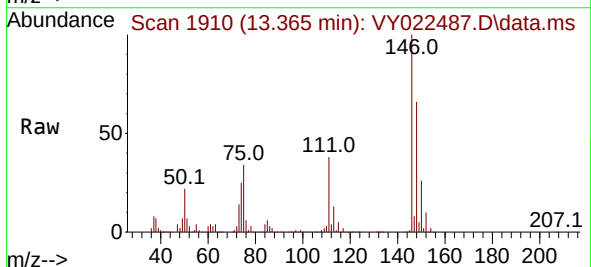
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

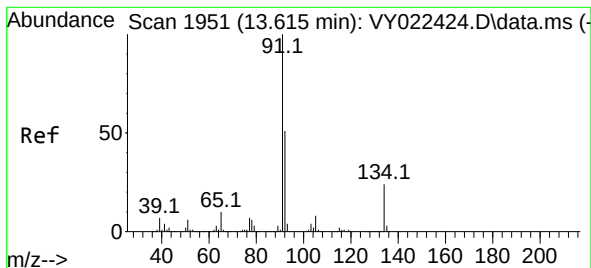
Tgt Ion:146 Resp: 218974
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 62.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.386 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022487.D
 Acq: 30 May 2025 18:57

Tgt Ion:146 Resp: 211421
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 51.074 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

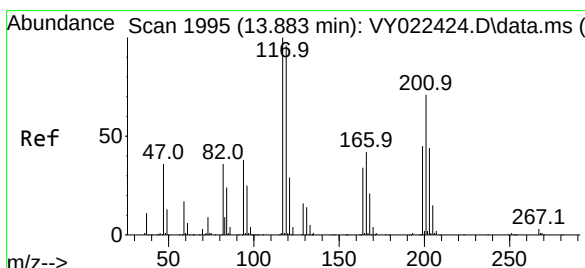
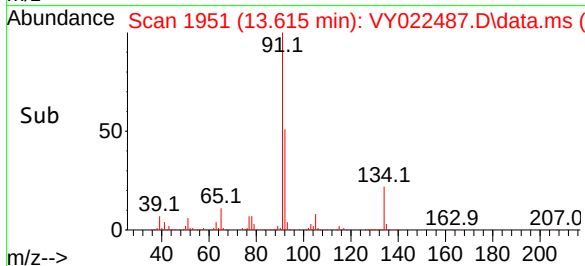
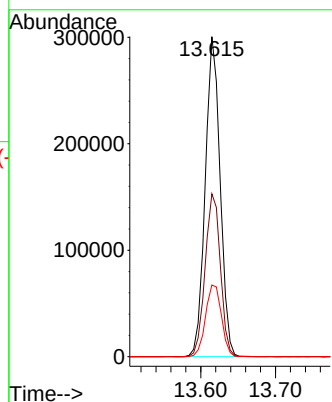
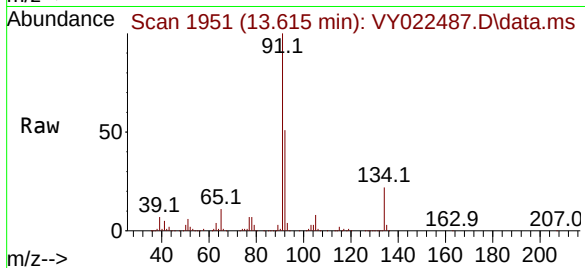
Tgt Ion: 91 Resp: 416041

Ion Ratio Lower Upper

91 100

92 52.1 25.9 77.6

134 23.9 12.4 37.0



#90

Hexachloroethane

Concen: 51.194 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022487.D

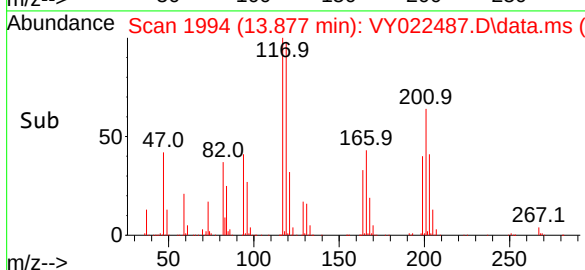
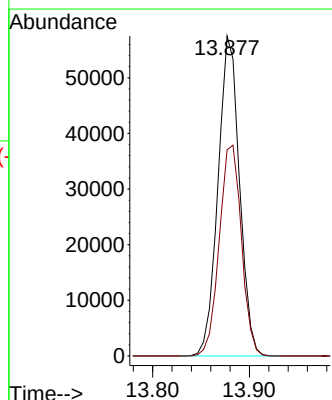
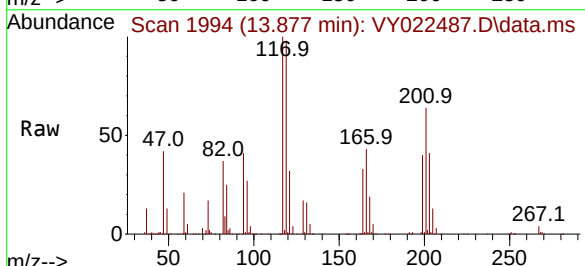
Acq: 30 May 2025 18:57

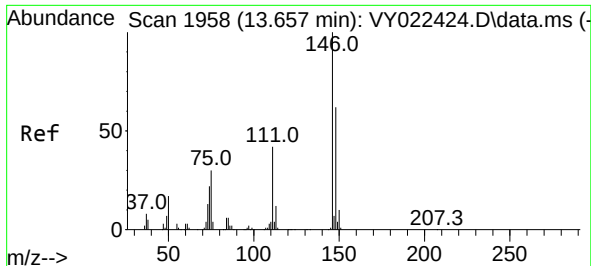
Tgt Ion: 117 Resp: 88507

Ion Ratio Lower Upper

117 100

201 67.9 35.0 105.0





#91

1,2-Dichlorobenzene

Concen: 52.287 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

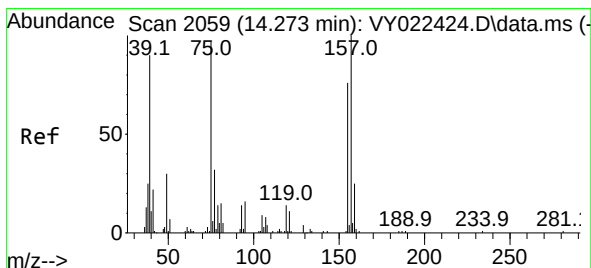
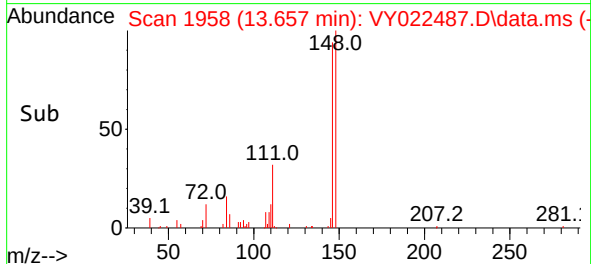
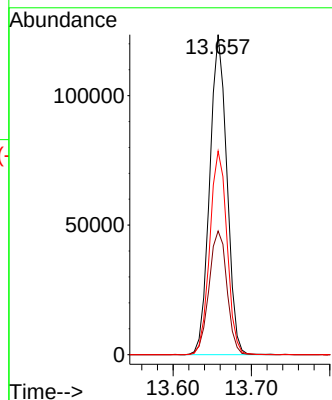
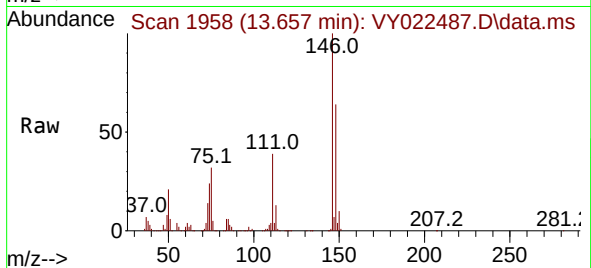
Tgt Ion:146 Resp: 187920

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.6

148 63.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.749 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

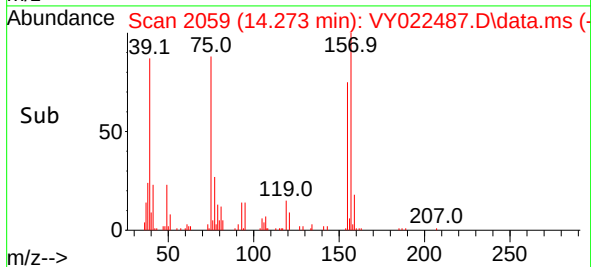
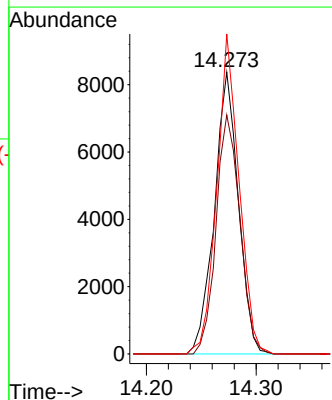
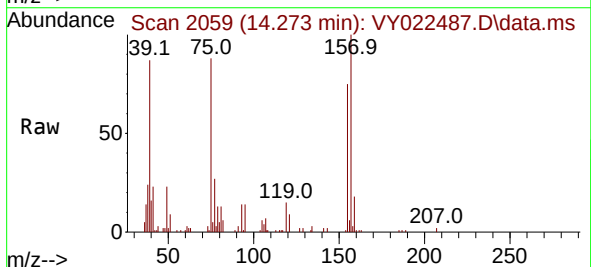
Tgt Ion: 75 Resp: 12762

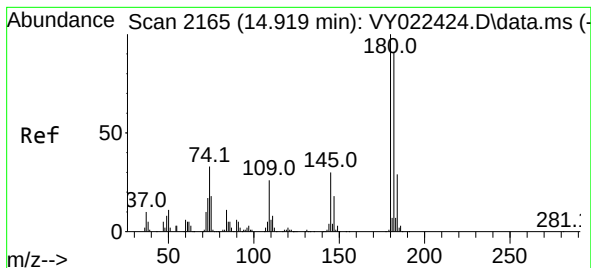
Ion Ratio Lower Upper

75 100

155 83.9 42.3 126.8

157 105.1 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 49.768 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

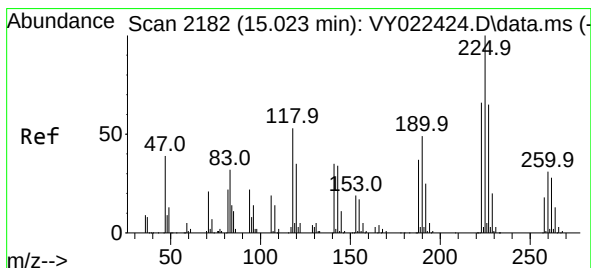
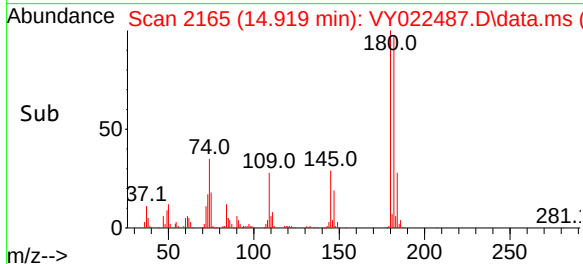
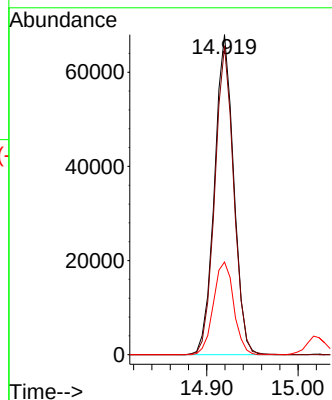
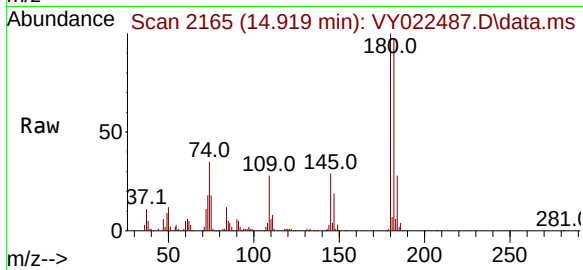
Tgt Ion:180 Resp: 99161

Ion Ratio Lower Upper

180 100

182 95.0 46.2 138.6

145 30.5 14.2 42.8



#94

Hexachlorobutadiene

Concen: 49.616 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

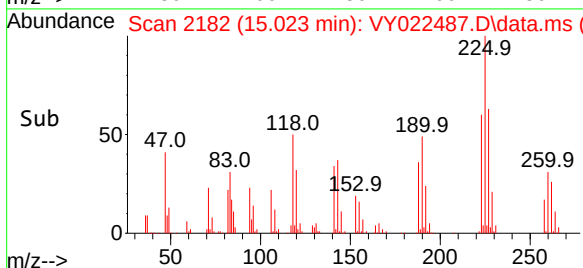
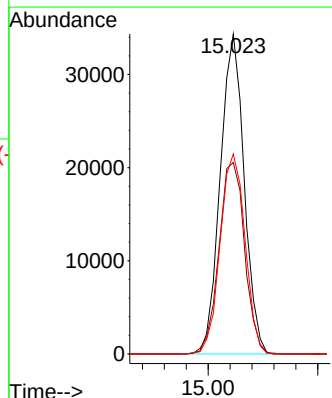
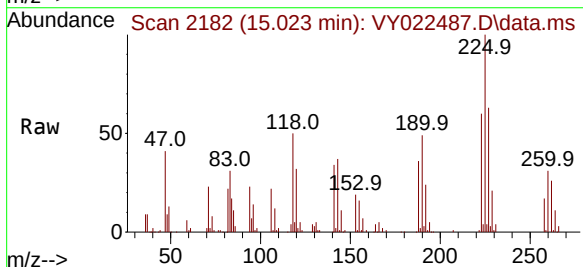
Tgt Ion:225 Resp: 51881

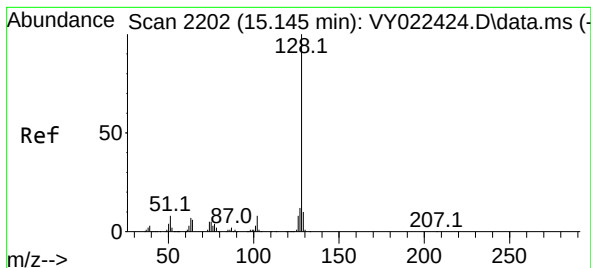
Ion Ratio Lower Upper

225 100

223 64.5 32.6 97.7

227 65.2 33.0 99.0





#95

Naphthalene

Concen: 54.281 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

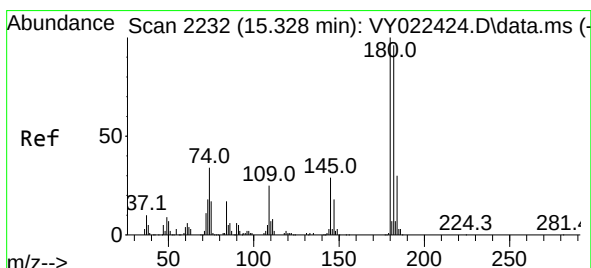
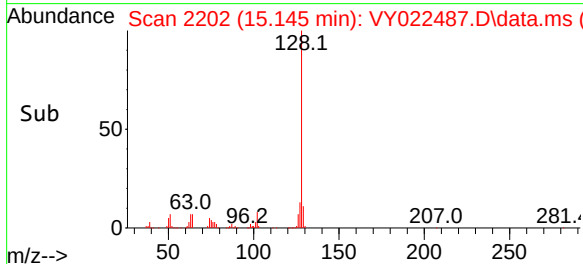
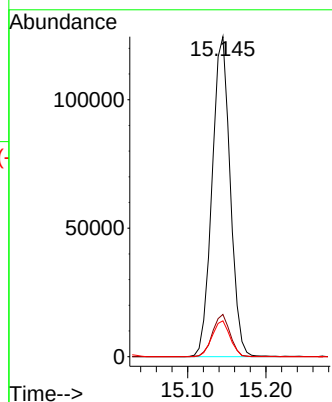
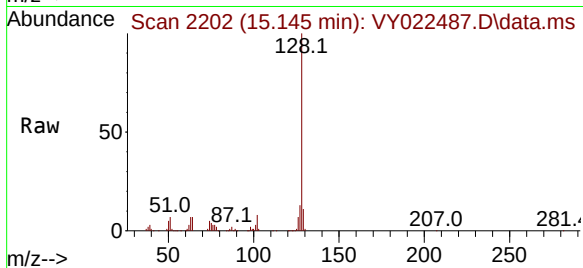
Tgt Ion:128 Resp: 199942

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 51.583 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022487.D

Acq: 30 May 2025 18:57

Tgt Ion:180 Resp: 84290

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

145 33.3 14.9 44.5

