

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022275.D
 Acq On : 15 May 2025 19:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 02:00:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	200166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	304640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	117866	53.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.760%	
35) Dibromofluoromethane	7.634	113	110158	52.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.360%	
50) Toluene-d8	10.103	98	442242	51.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.401	95	133714	49.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	95204	45.582	ug/l	98
3) Chloromethane	2.068	50	200223	45.571	ug/l	100
4) Vinyl Chloride	2.202	62	258263	52.613	ug/l	96
5) Bromomethane	2.592	94	197048	49.312	ug/l	94
6) Chloroethane	2.732	64	176506	57.798	ug/l	99
7) Trichlorofluoromethane	3.049	101	250861	50.476	ug/l	100
8) Diethyl Ether	3.452	74	60490	50.717	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	104255	48.320	ug/l	99
10) Methyl Iodide	4.000	142	131696	52.738	ug/l	100
11) Tert butyl alcohol	4.866	59	40595	243.003	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	105573	49.308	ug/l	99
13) Acrolein	3.647	56	48235	197.507	ug/l	100
14) Allyl chloride	4.385	41	181793	48.423	ug/l	96
15) Acrylonitrile	5.055	53	126006	256.397	ug/l	99
16) Acetone	3.866	43	92726	226.053	ug/l	99
17) Carbon Disulfide	4.104	76	349244	50.021	ug/l	99
18) Methyl Acetate	4.378	43	85059	65.768	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	303808	51.461	ug/l	99
20) Methylene Chloride	4.616	84	127944	48.271	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	120885	51.151	ug/l	98
22) Diisopropyl ether	6.018	45	400400	50.504	ug/l	98
23) Vinyl Acetate	5.957	43	1086547	226.852	ug/l	98
24) 1,1-Dichloroethane	5.915	63	226971	51.243	ug/l	97
25) 2-Butanone	6.890	43	163842	238.789	ug/l	99
26) 2,2-Dichloropropane	6.884	77	179803	45.640	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	141795	51.993	ug/l	98
28) Bromochloromethane	7.244	49	101573	53.763	ug/l	100
29) Tetrahydrofuran	7.262	42	111339	252.225	ug/l	98
30) Chloroform	7.421	83	224372	52.812	ug/l	98
31) Cyclohexane	7.701	56	200037	45.201	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	194589	49.923	ug/l	99
36) 1,1-Dichloropropene	7.835	75	159907	46.428	ug/l	98
37) Ethyl Acetate	6.988	43	75333	45.459	ug/l	99
38) Carbon Tetrachloride	7.817	117	166240	46.629	ug/l	99
39) Methylcyclohexane	9.109	83	210935	45.585	ug/l	97
40) Benzene	8.079	78	503565	49.319	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	41090	37.379	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	134356	48.660	ug/l	99
43) Isopropyl Acetate	8.195	43	165989	45.928	ug/l	99
44) Trichloroethene	8.865	130	123509	48.649	ug/l	100
45) 1,2-Dichloropropane	9.140	63	120095	48.787	ug/l	100
46) Dibromomethane	9.231	93	64278	48.413	ug/l	99
47) Bromodichloromethane	9.420	83	172091	49.963	ug/l	100
48) Methyl methacrylate	9.219	41	80618	47.699	ug/l	98
49) 1,4-Dioxane	9.225	88	14533	968.930	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	417595	235.486	ug/l	98
52) Toluene	10.170	92	315520	48.800	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	158866	47.262	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	184284	47.851	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	83201	48.937	ug/l	99
56) Ethyl methacrylate	10.438	69	126764	47.866	ug/l	100
57) 1,3-Dichloropropane	10.713	76	147656	48.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	317597	267.180	ug/l	100
59) 2-Hexanone	10.761	43	273295	229.855	ug/l	99
60) Dibromochloromethane	10.908	129	107741	48.824	ug/l	98
61) 1,2-Dibromoethane	11.011	107	76587	48.332	ug/l	99
64) Tetrachloroethene	10.646	164	134690	47.833	ug/l	97
65) Chlorobenzene	11.438	112	330781	48.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	112943	47.800	ug/l	98
67) Ethyl Benzene	11.517	91	612536	47.588	ug/l	98
68) m/p-Xylenes	11.627	106	462177	95.289	ug/l	100
69) o-Xylene	11.950	106	220371	48.022	ug/l	98
70) Styrene	11.969	104	374912	48.433	ug/l	99
71) Bromoform	12.133	173	60098	47.123	ug/l #	97
73) Isopropylbenzene	12.255	105	566596	47.714	ug/l	100
74) N-amyl acetate	12.066	43	148480	43.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	87608	47.972	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	124823	85.957	ug/l #	100
77) Bromobenzene	12.529	156	122958	48.481	ug/l	98
78) n-propylbenzene	12.596	91	680966	47.543	ug/l	100
79) 2-Chlorotoluene	12.676	91	375886	47.755	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	455782	47.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30112	42.006	ug/l	98
82) 4-Chlorotoluene	12.773	91	384865	47.537	ug/l	100
83) tert-Butylbenzene	12.993	119	406701	47.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	454585	47.773	ug/l	100
85) sec-Butylbenzene	13.176	105	599530	47.404	ug/l	99
86) p-Isopropyltoluene	13.291	119	503789	47.362	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	245939	47.502	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	238952	47.980	ug/l	98
89) n-Butylbenzene	13.615	91	473672	47.071	ug/l	100
90) Hexachloroethane	13.877	117	101787	47.405	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	211496	48.631	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13683	46.464	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	116136	46.231	ug/l	98
94) Hexachlorobutadiene	15.023	225	62944	44.930	ug/l	99
95) Naphthalene	15.145	128	219362	46.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	98613	46.274	ug/l	99

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QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

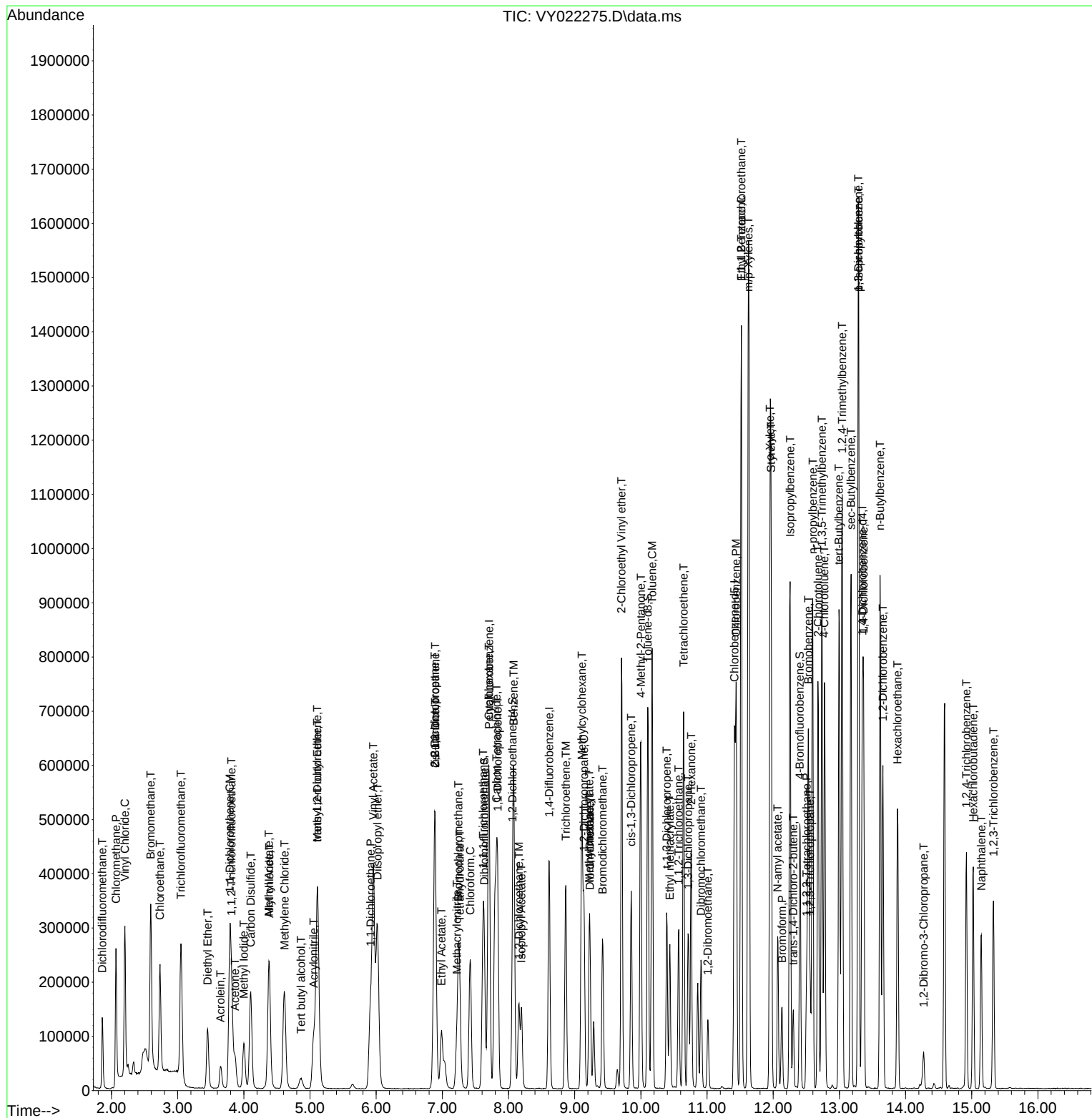
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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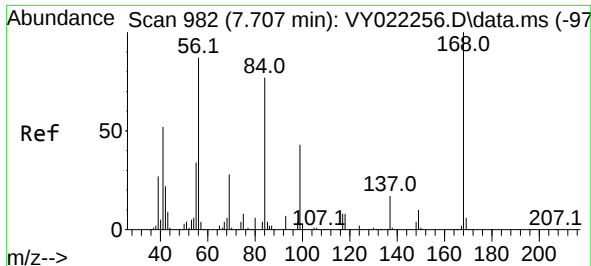
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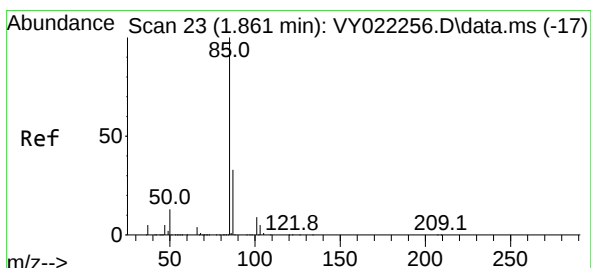
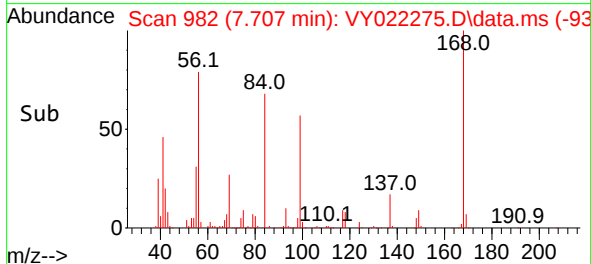
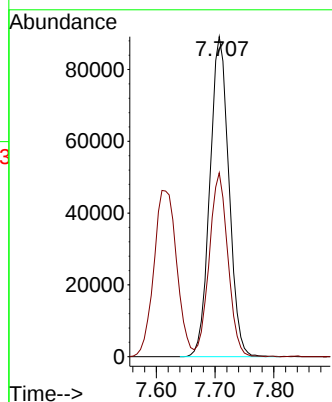
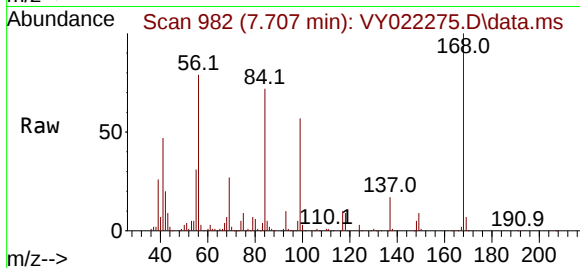




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022275.D
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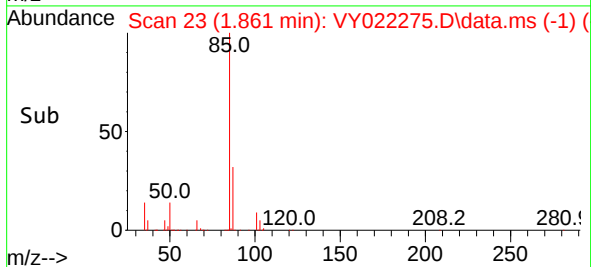
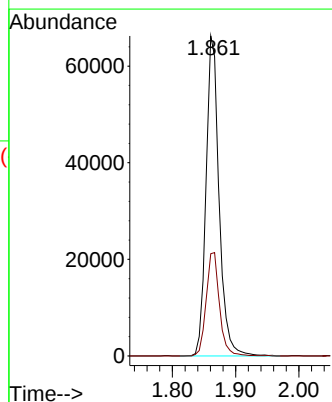
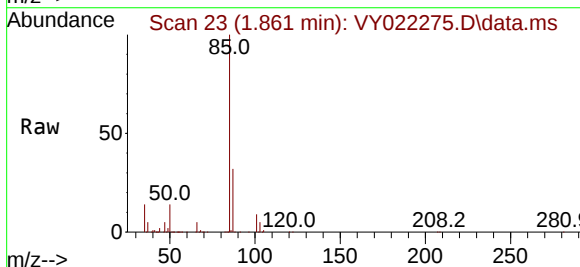
Instrument :
MSVOA_Y
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VSTDCCC050EC

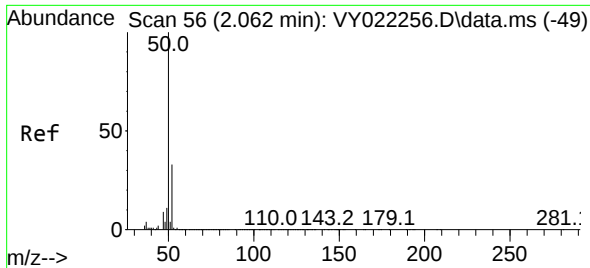
Tgt Ion:168 Resp: 200166
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.582 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 85 Resp: 95204
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5

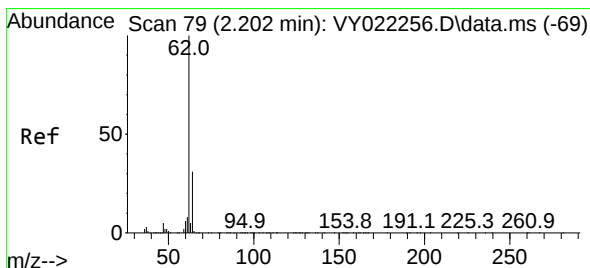
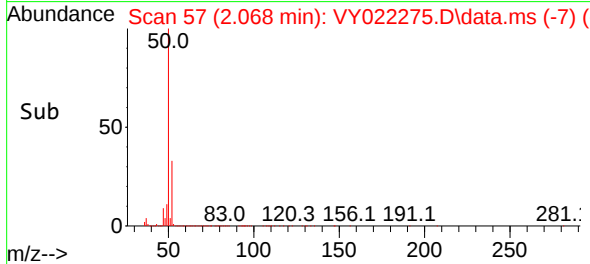
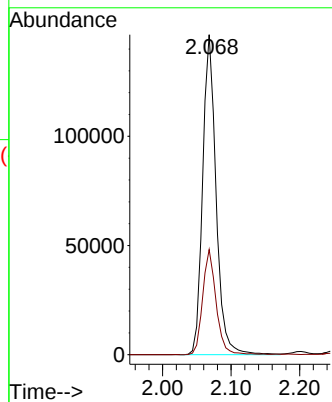
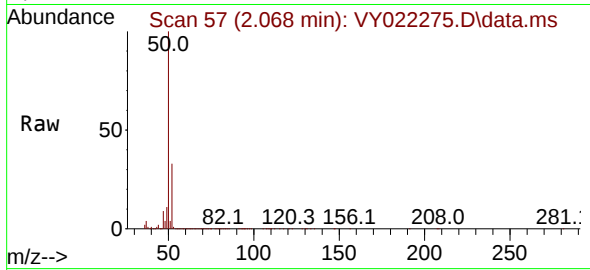




#3
Chloromethane
Concen: 45.571 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

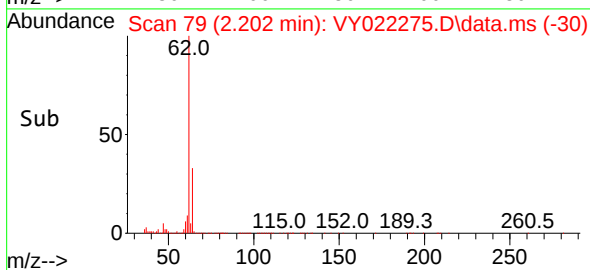
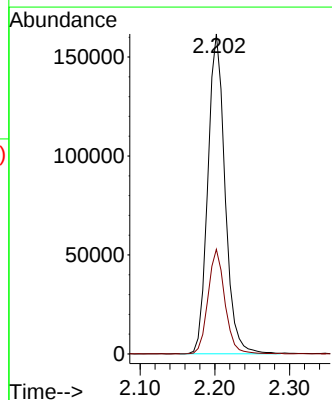
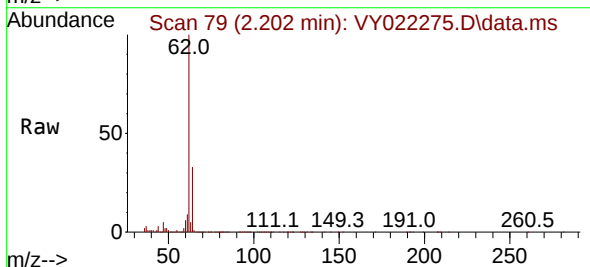
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 200223
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 52.613 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 62 Resp: 258263
Ion Ratio Lower Upper
62 100
64 32.7 24.5 36.7

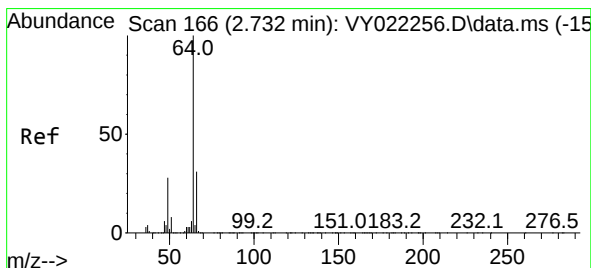
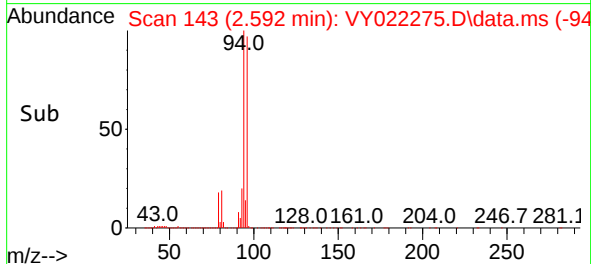
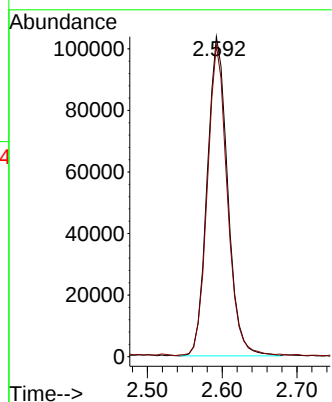
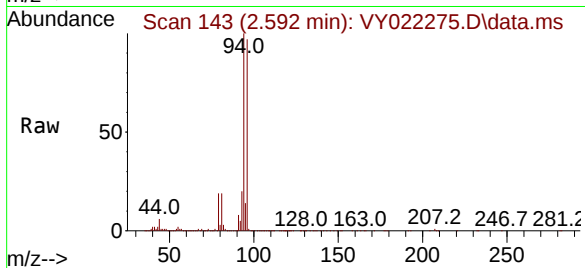




#5
Bromomethane
Concen: 49.312 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

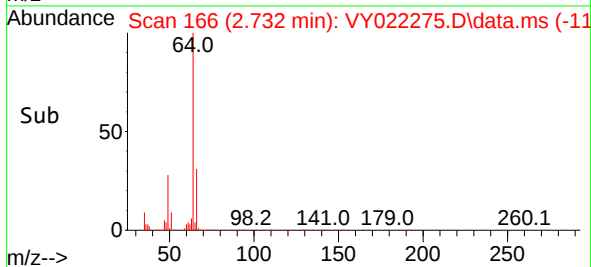
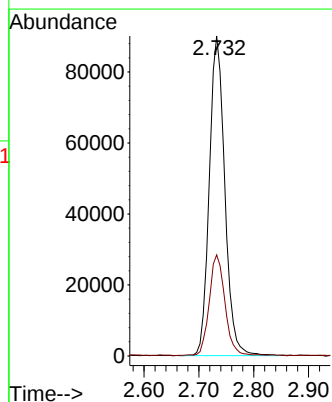
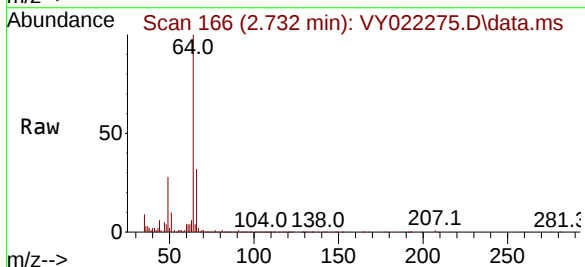
Instrument :
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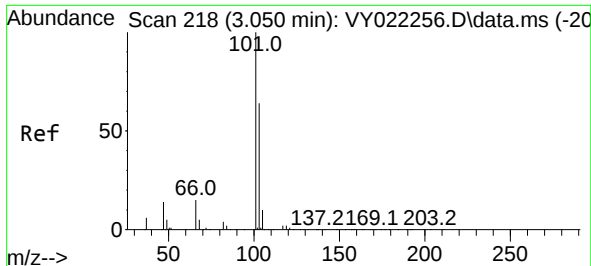
Tgt Ion: 94 Resp: 197048
Ion Ratio Lower Upper
94 100
96 97.1 73.4 110.0



#6
Chloroethane
Concen: 57.798 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 64 Resp: 176506
Ion Ratio Lower Upper
64 100
66 31.4 24.8 37.2

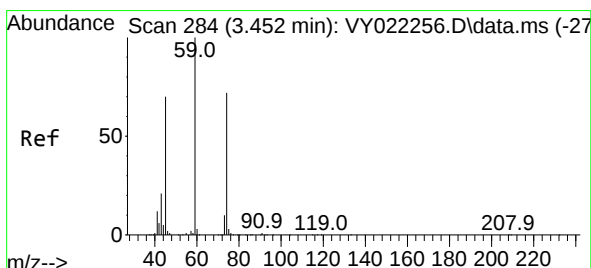
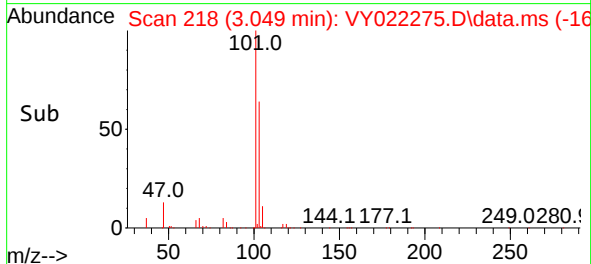
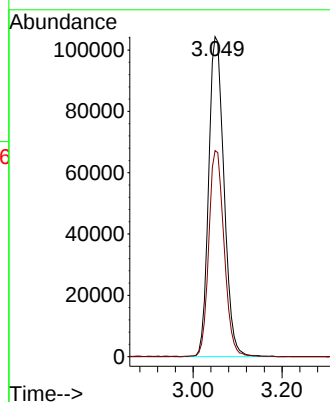
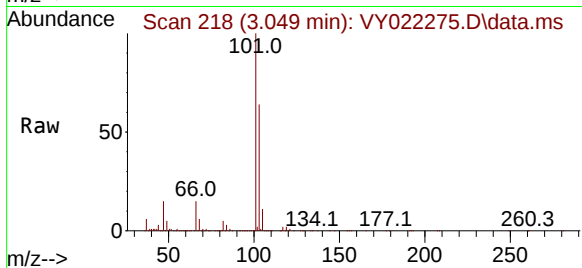




#7
 Trichlorofluoromethane
 Concen: 50.476 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

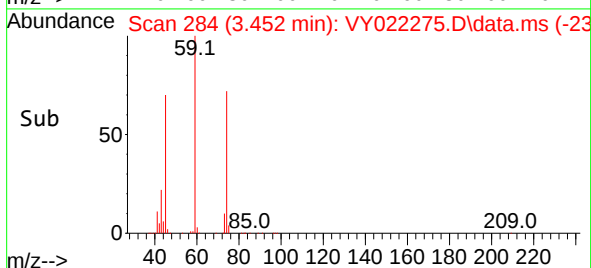
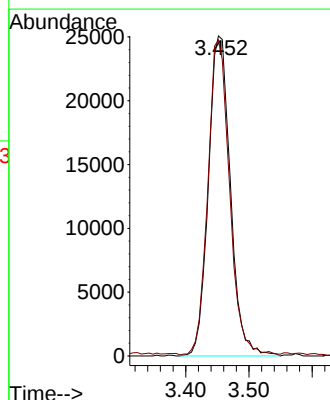
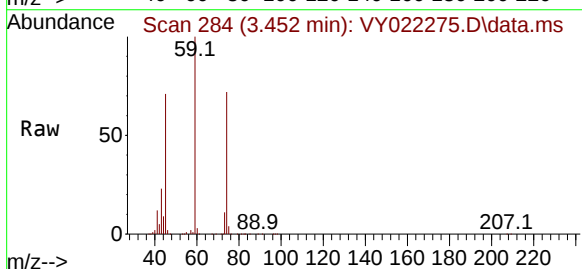
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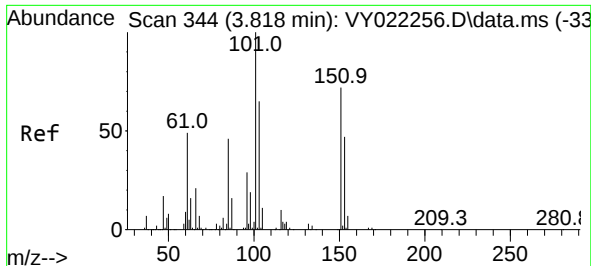
Tgt Ion:101 Resp: 250861
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 50.717 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022275.D
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Tgt Ion: 74 Resp: 60490
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8

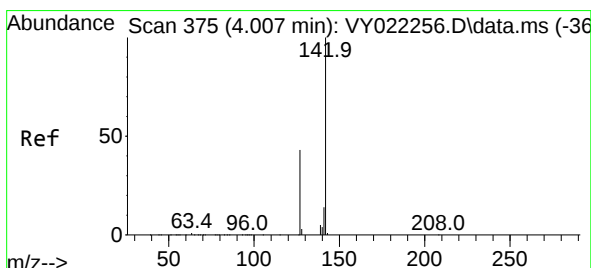
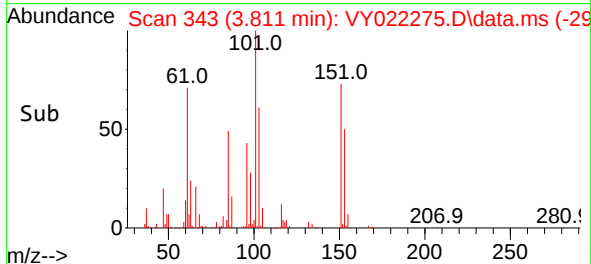
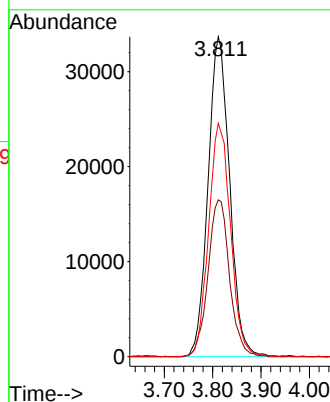
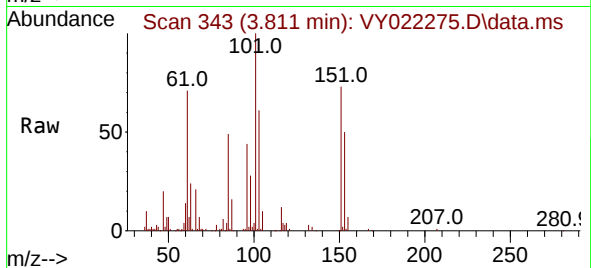




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.320 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

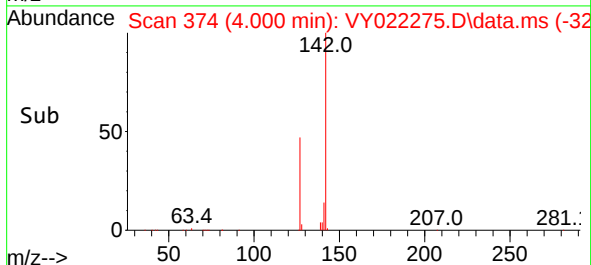
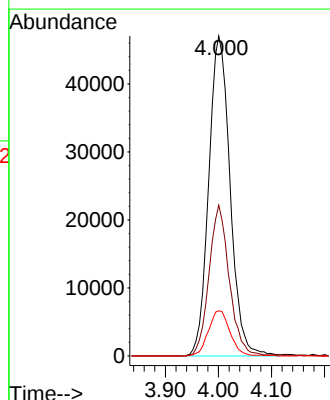
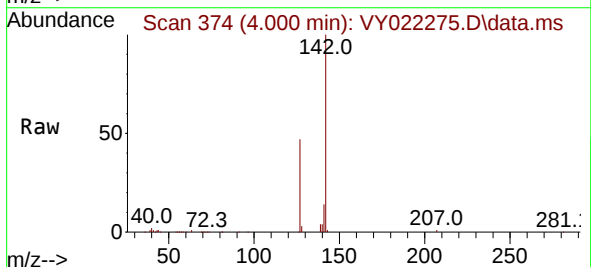
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

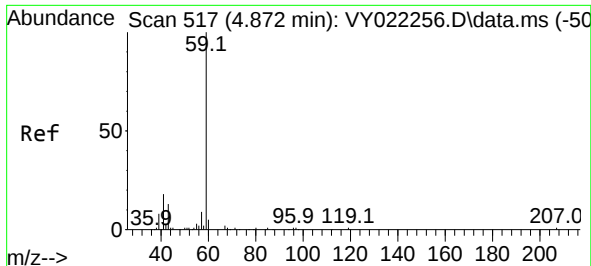
Tgt Ion:101 Resp: 104255
Ion Ratio Lower Upper
101 100
85 49.0 38.6 58.0
151 74.1 59.7 89.5



#10
Methyl Iodide
Concen: 52.738 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:142 Resp: 131696
Ion Ratio Lower Upper
142 100
127 44.7 35.7 53.5
141 14.3 11.1 16.7

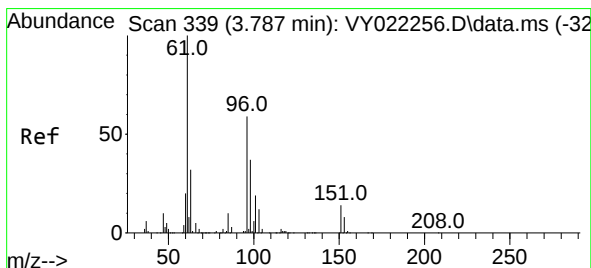
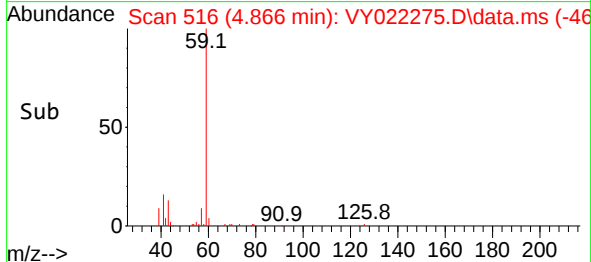
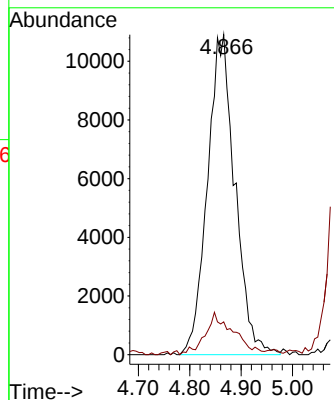
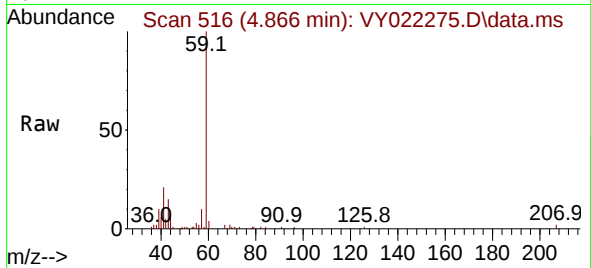




#11
Tert butyl alcohol
Concen: 243.003 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

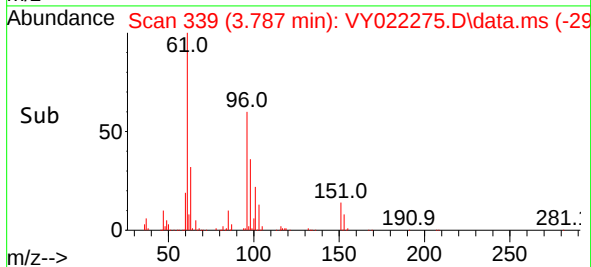
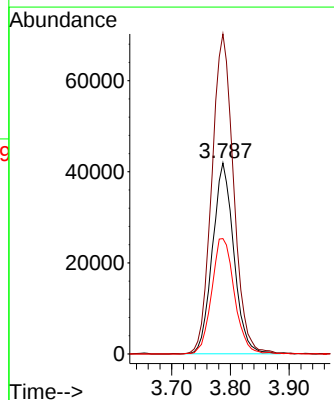
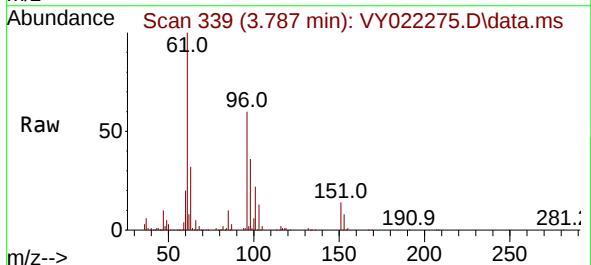
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

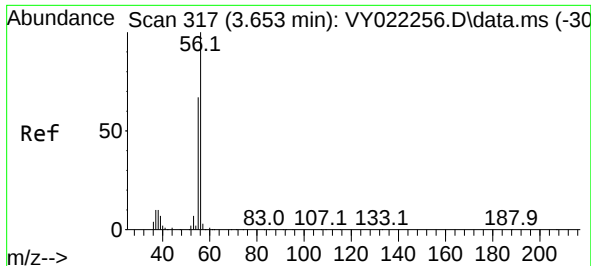
Tgt Ion: 59 Resp: 40595
Ion Ratio Lower Upper
59 100
57 13.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.308 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 96 Resp: 105573
Ion Ratio Lower Upper
96 100
61 167.7 134.9 202.3
98 60.4 49.9 74.9

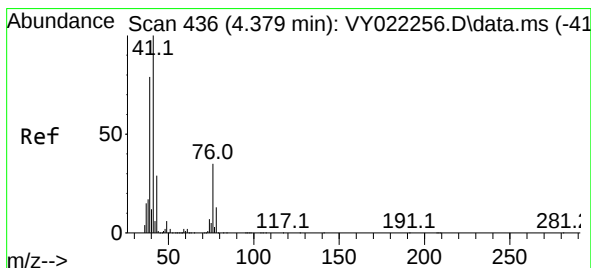
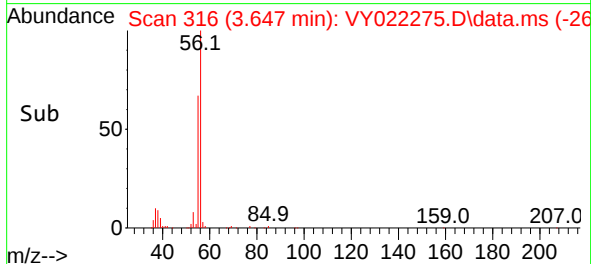
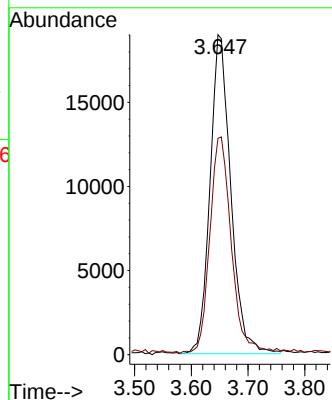
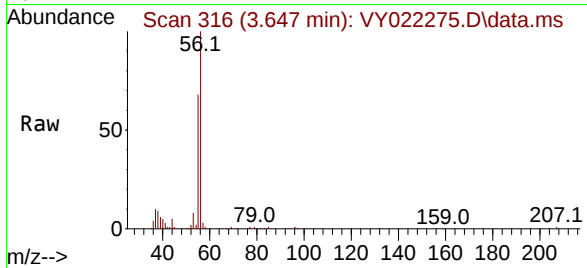




#13
Acrolein
Concen: 197.507 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

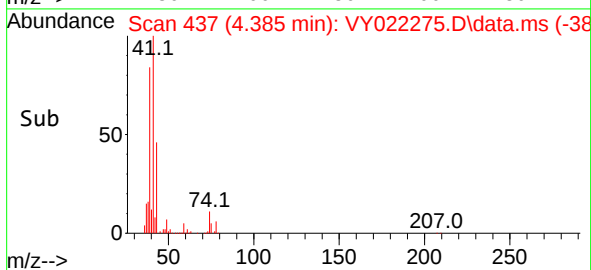
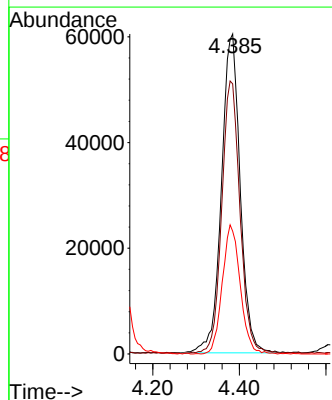
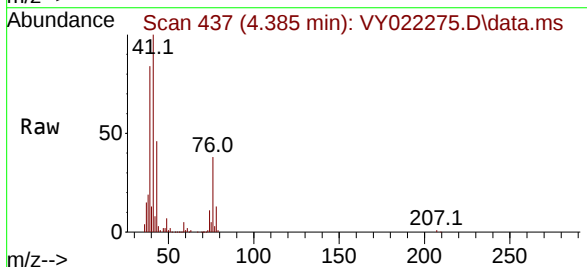
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 48235
Ion Ratio Lower Upper
56 100
55 69.8 55.6 83.4



#14
Allyl chloride
Concen: 48.423 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 41 Resp: 181793
Ion Ratio Lower Upper
41 100
39 83.1 63.4 95.0
76 38.8 29.5 44.3





#15

Acrylonitrile

Concen: 256.397 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

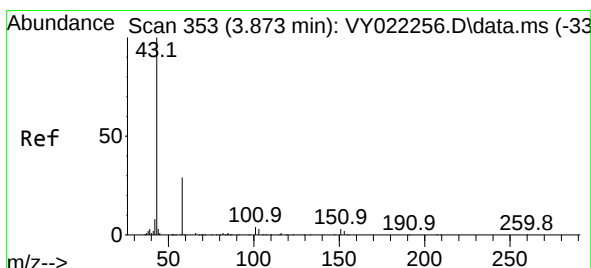
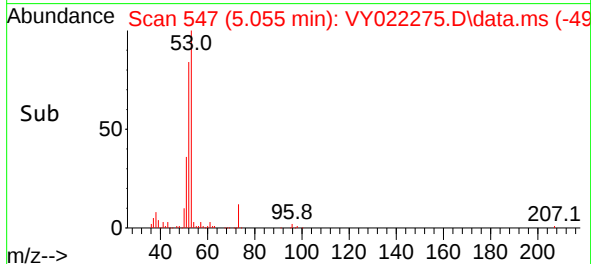
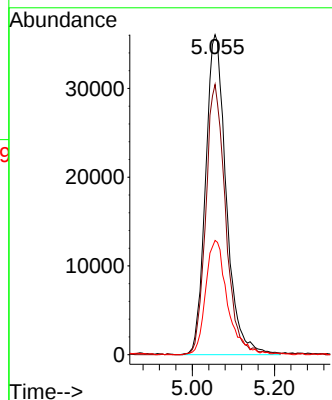
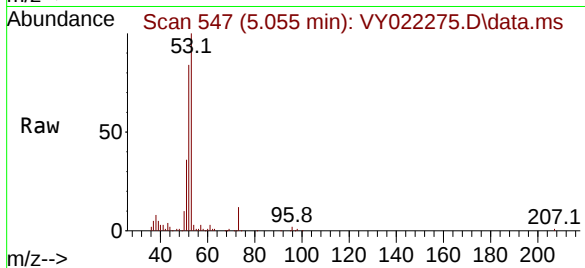
Tgt Ion: 53 Resp: 126006

Ion Ratio Lower Upper

53 100

52 81.2 66.1 99.1

51 37.5 30.0 45.0



#16

Acetone

Concen: 226.053 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY022275.D

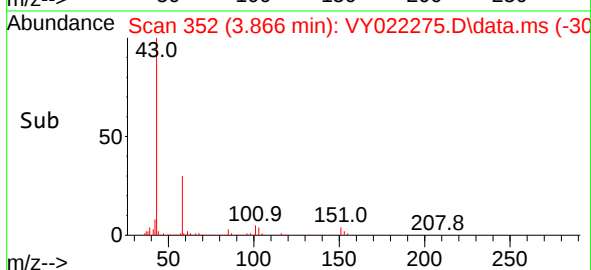
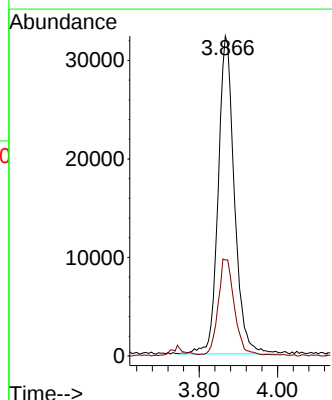
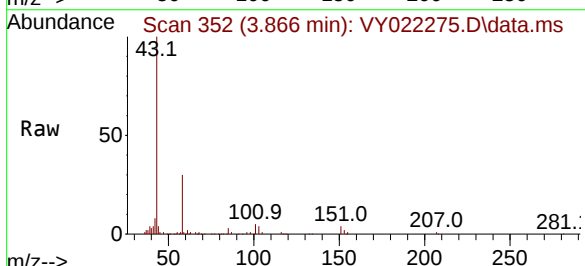
Acq: 15 May 2025 19:52

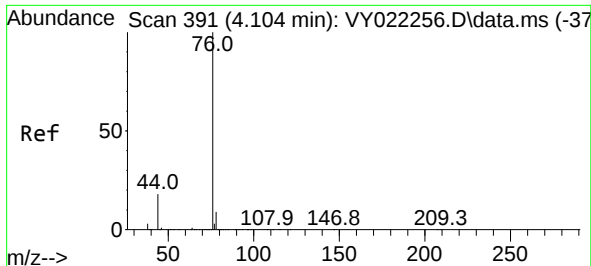
Tgt Ion: 43 Resp: 92726

Ion Ratio Lower Upper

43 100

58 29.9 23.6 35.4

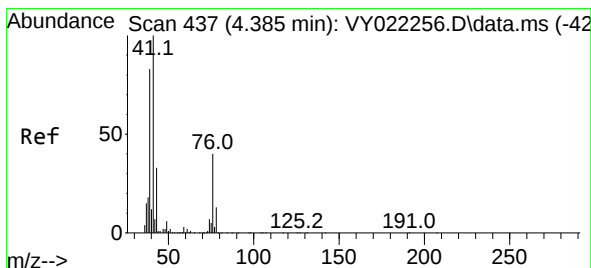
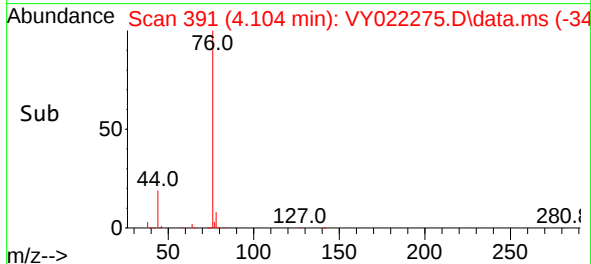
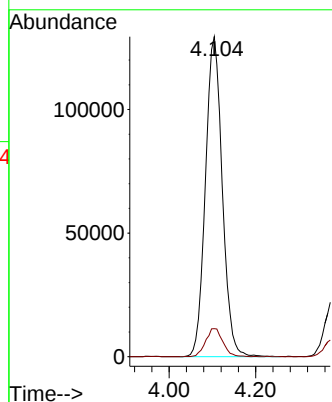
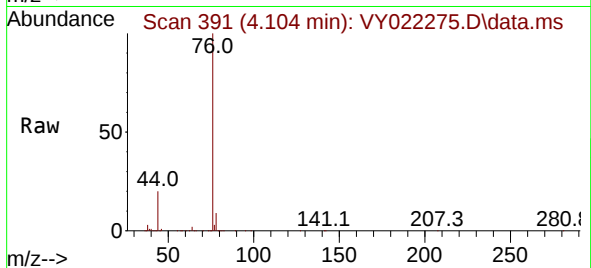




#17
Carbon Disulfide
Concen: 50.021 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

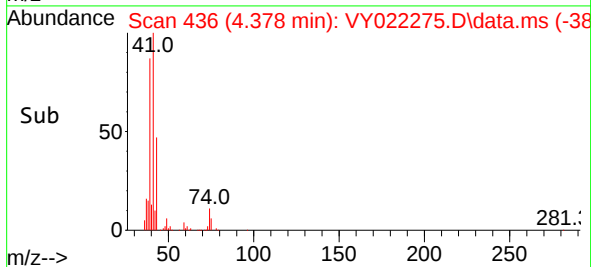
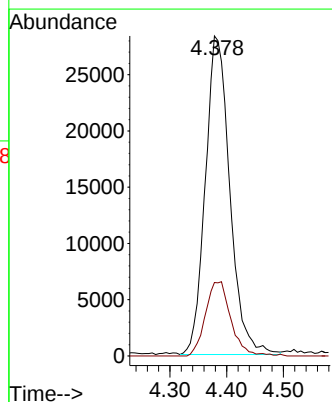
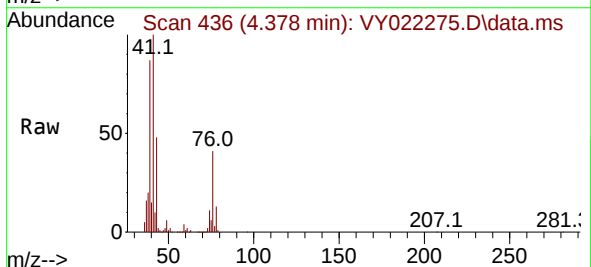
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

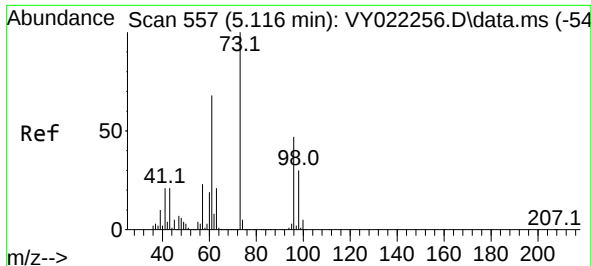
Tgt Ion: 76 Resp: 349244
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 65.768 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 43 Resp: 85059
Ion Ratio Lower Upper
43 100
74 24.1 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 51.461 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

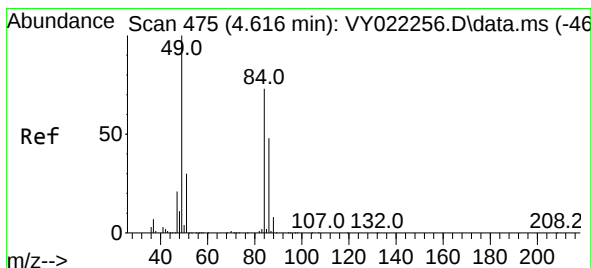
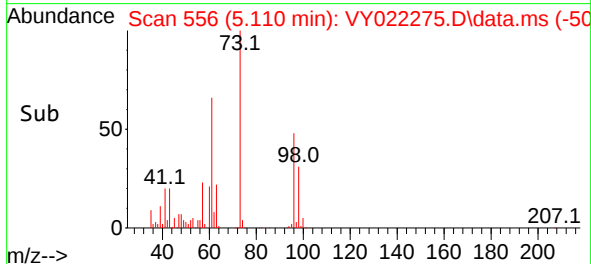
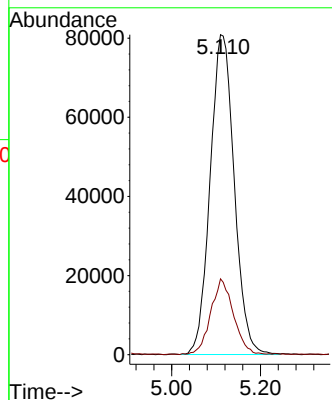
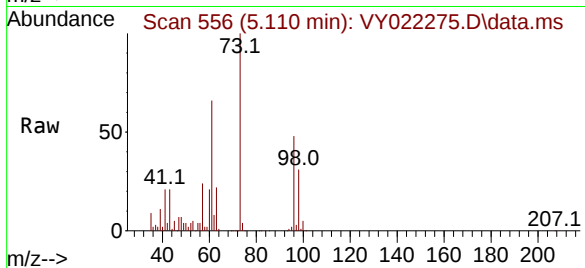
VSTDCCC050EC

Tgt Ion: 73 Resp: 303808

Ion Ratio Lower Upper

73 100

57 23.7 18.6 28.0



#20

Methylene Chloride

Concen: 48.271 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Tgt Ion: 84 Resp: 127944

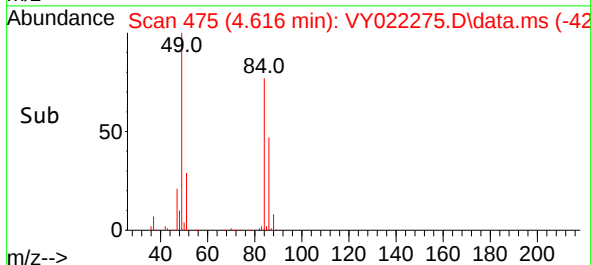
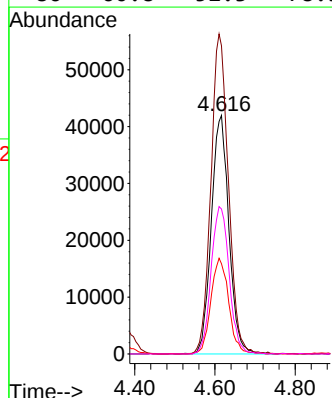
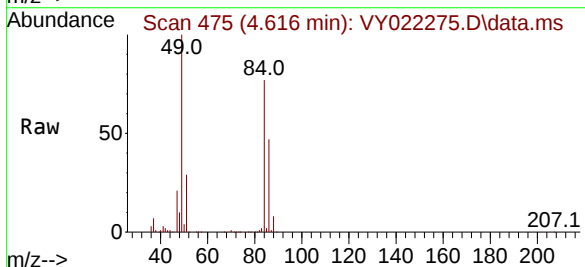
Ion Ratio Lower Upper

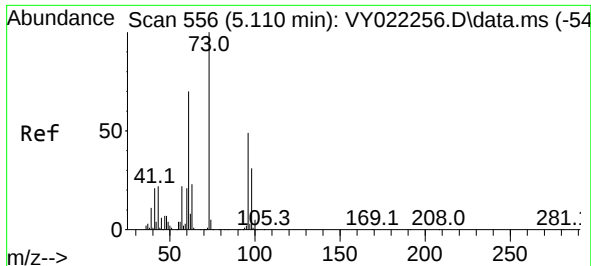
84 100

49 129.2 109.6 164.4

51 37.8 32.4 48.6

86 60.8 52.3 78.5

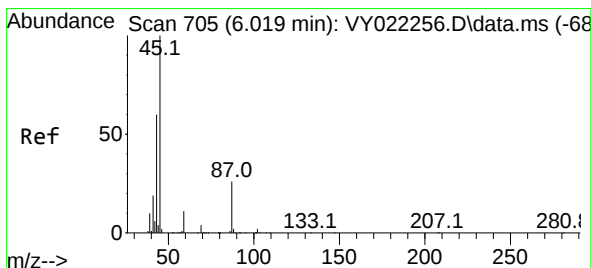
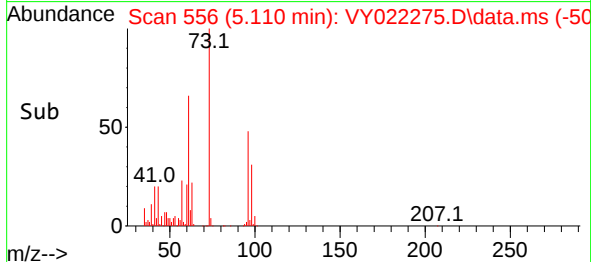
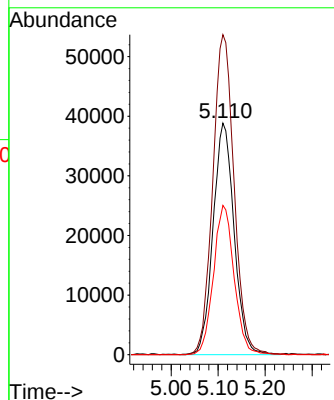
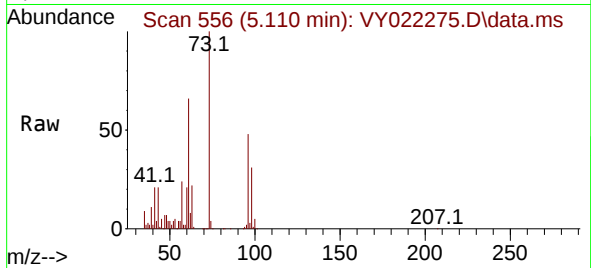




#21
trans-1,2-Dichloroethene
Concen: 51.151 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

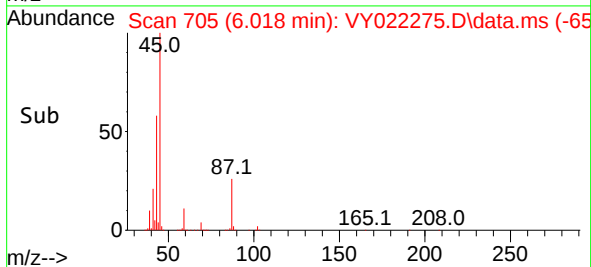
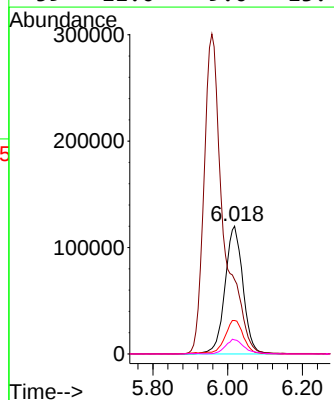
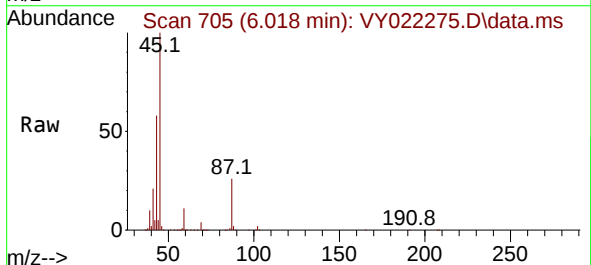
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

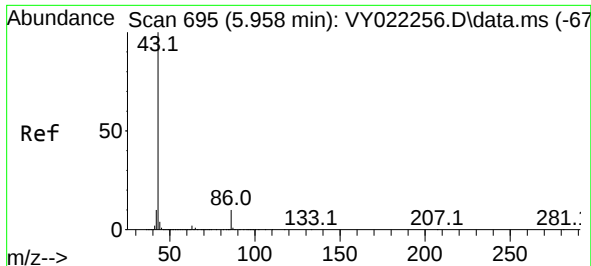
Tgt Ion: 96 Resp: 120885
Ion Ratio Lower Upper
96 100
61 138.3 113.4 170.0
98 64.5 50.9 76.3



#22
Diisopropyl ether
Concen: 50.504 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 45 Resp: 400400
Ion Ratio Lower Upper
45 100
43 57.8 48.2 72.2
87 26.1 21.4 32.0
59 11.0 9.0 13.4

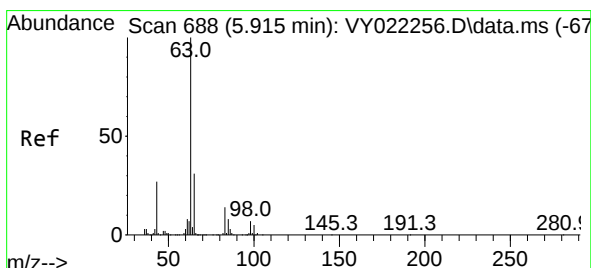
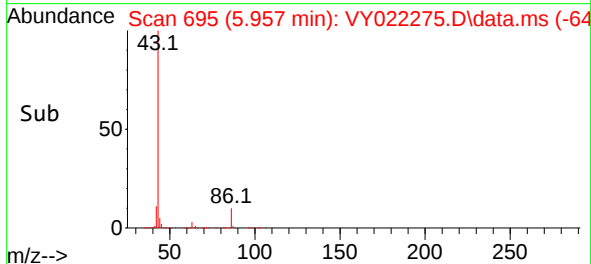
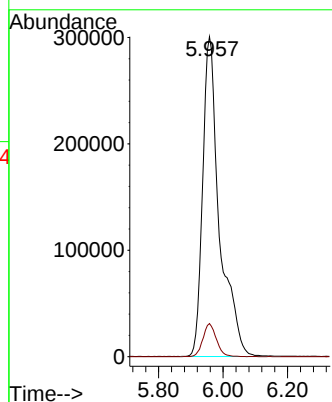
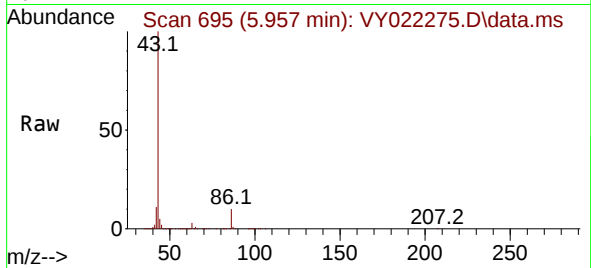




#23
 Vinyl Acetate
 Concen: 226.852 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

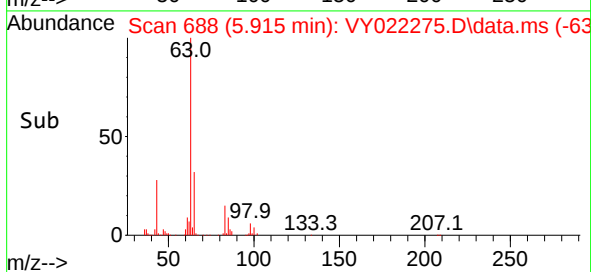
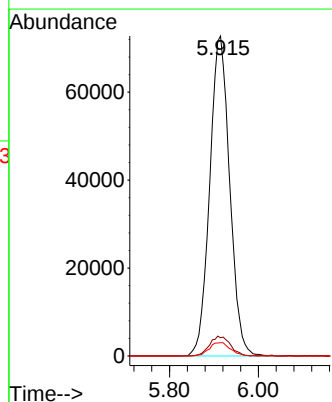
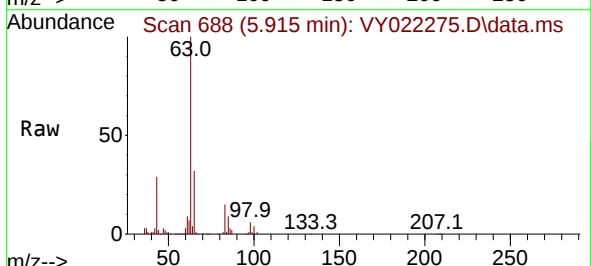
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

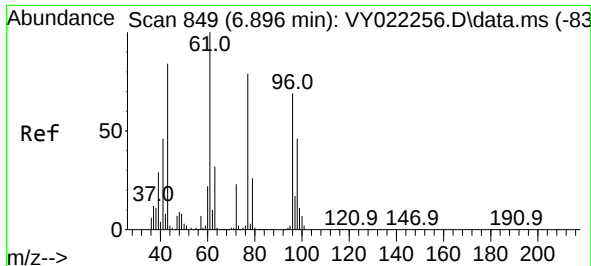
Tgt Ion: 43 Resp: 1086547
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.243 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

Tgt Ion: 63 Resp: 226971
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.5 10.5
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 238.789 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

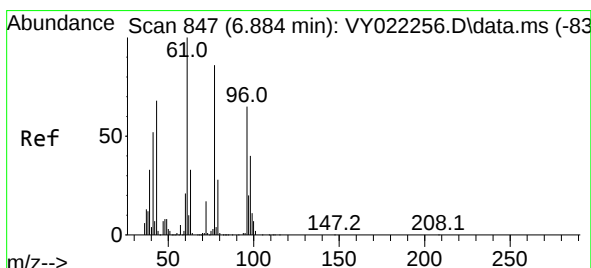
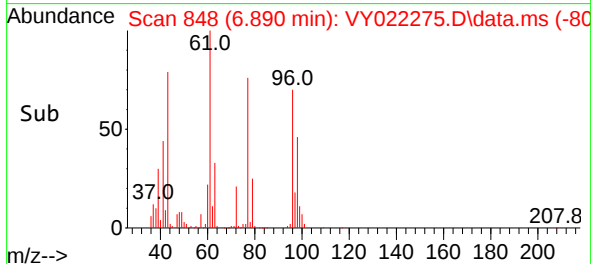
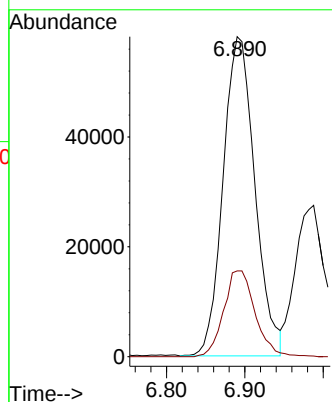
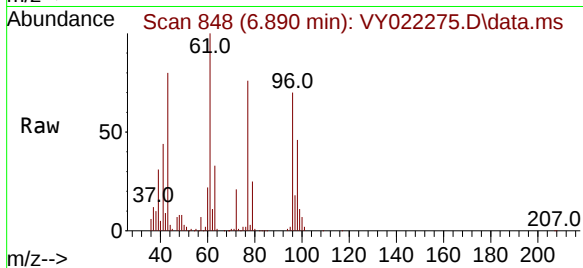
VSTDCCC050EC

Tgt Ion: 43 Resp: 163842

Ion Ratio Lower Upper

43 100

72 26.9 22.1 33.1



#26

2,2-Dichloropropane

Concen: 45.640 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022275.D

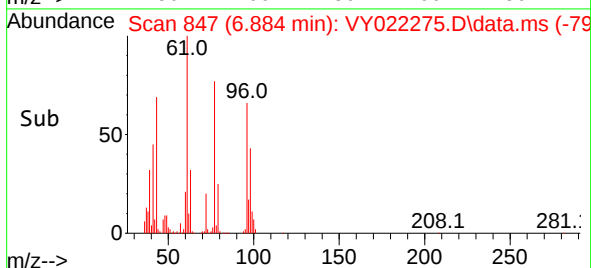
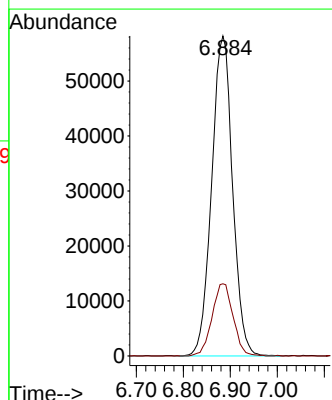
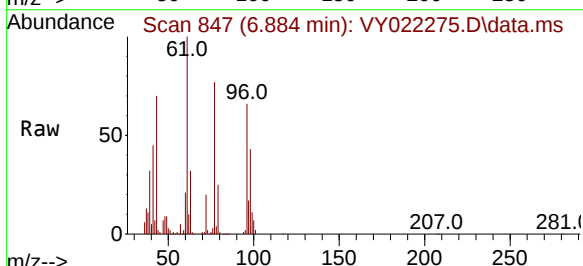
Acq: 15 May 2025 19:52

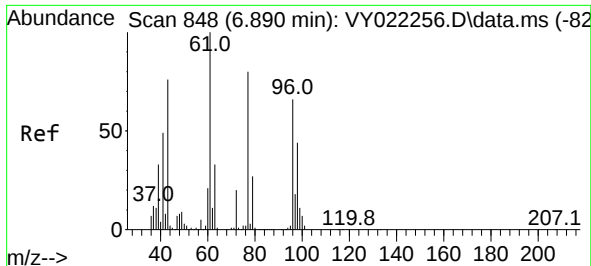
Tgt Ion: 77 Resp: 179803

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5

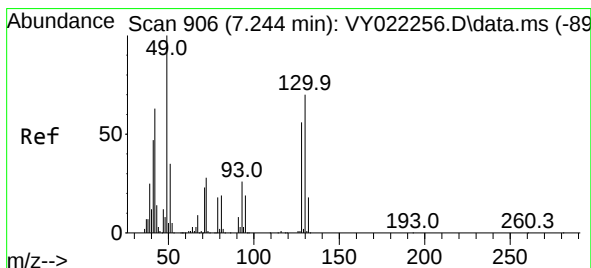
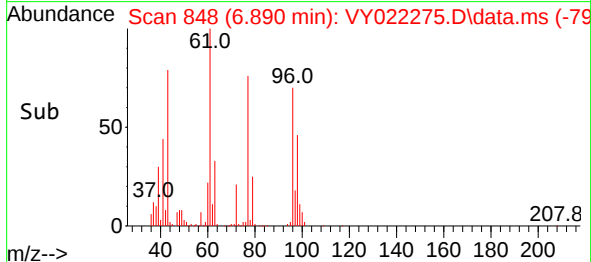
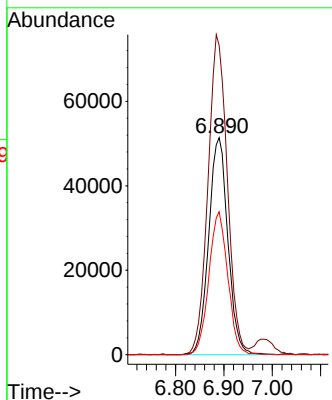
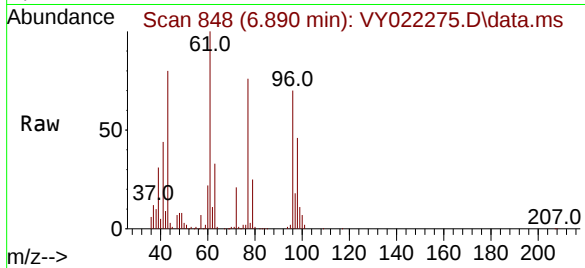




#27
 cis-1,2-Dichloroethene
 Concen: 51.993 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

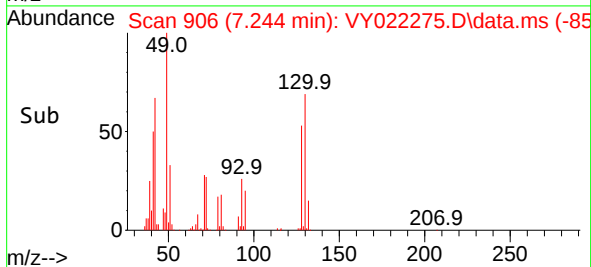
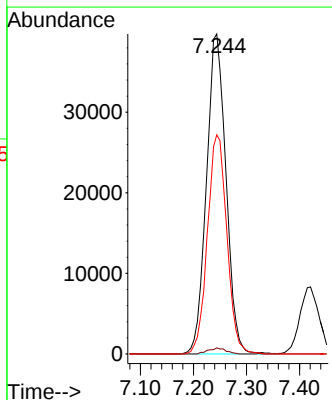
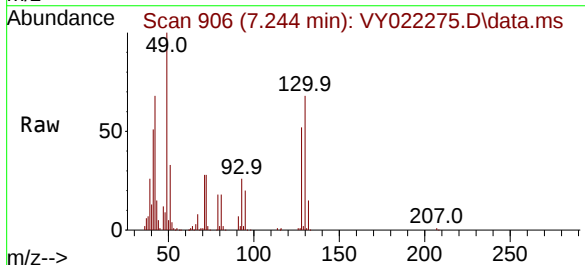
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

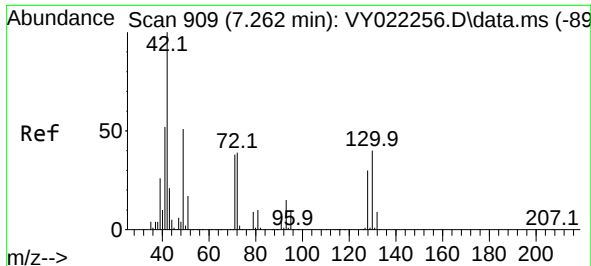
Tgt Ion: 96 Resp: 141795
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 302.6
 98 65.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.763 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

Tgt Ion: 49 Resp: 101573
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 68.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 252.225 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

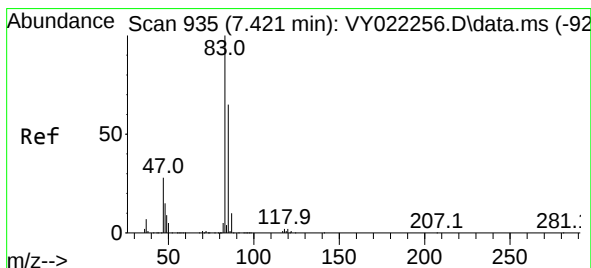
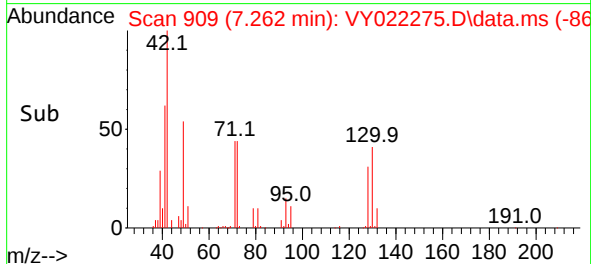
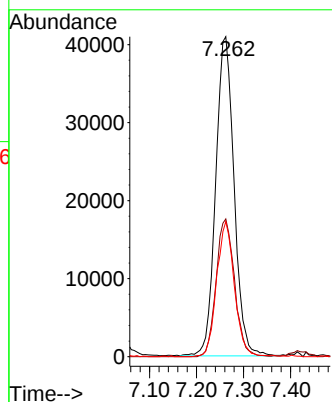
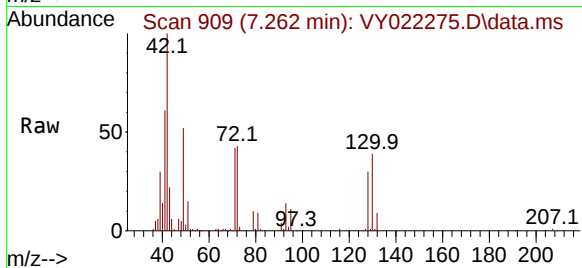
Tgt Ion: 42 Resp: 111339

Ion Ratio Lower Upper

42 100

72 43.4 33.8 50.6

71 41.0 31.5 47.3



#30

Chloroform

Concen: 52.812 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022275.D

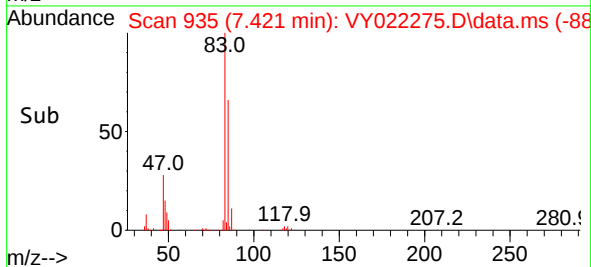
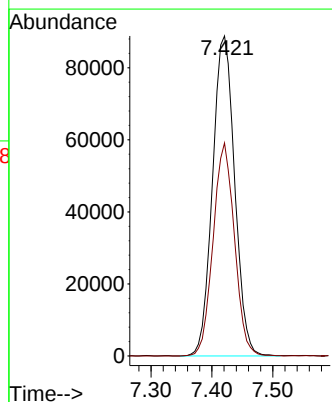
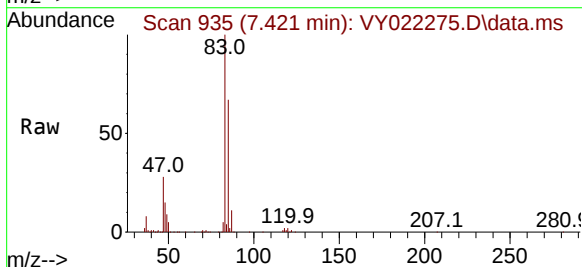
Acq: 15 May 2025 19:52

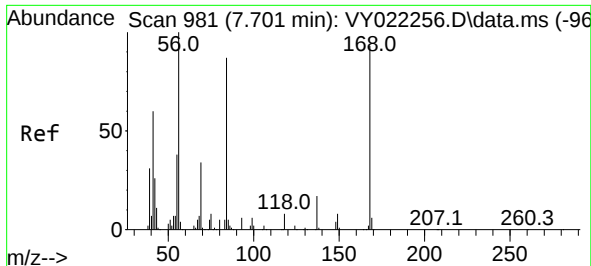
Tgt Ion: 83 Resp: 224372

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.8

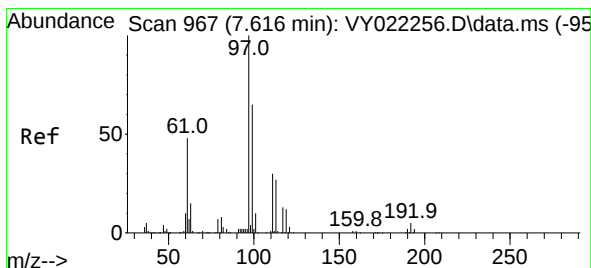
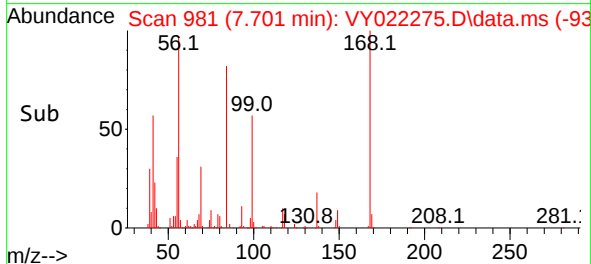
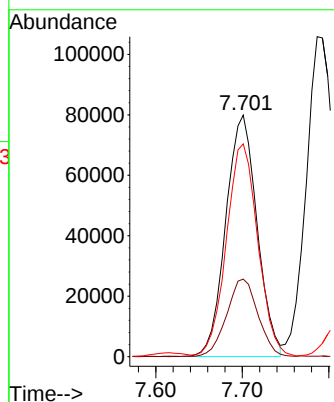
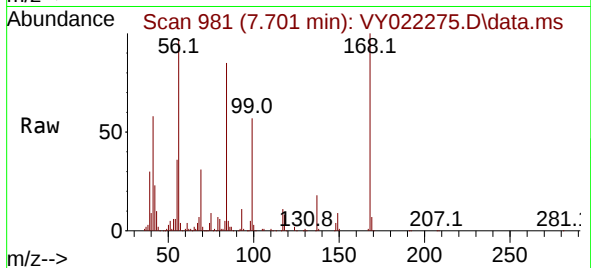




#31
Cyclohexane
Concen: 45.201 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

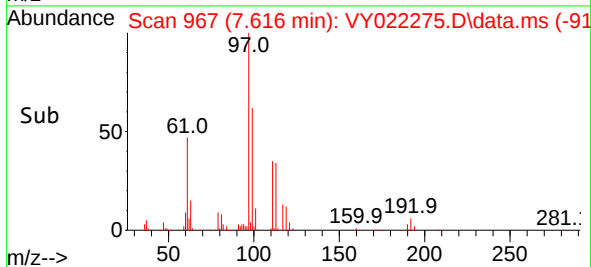
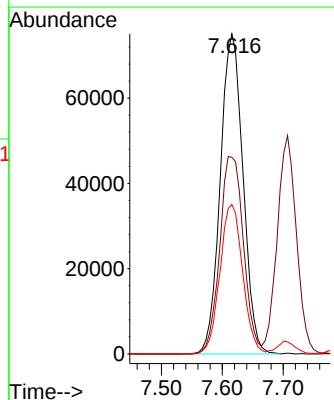
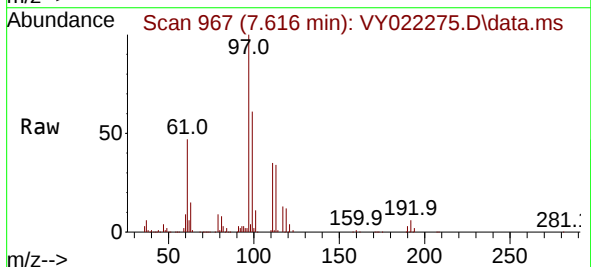
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

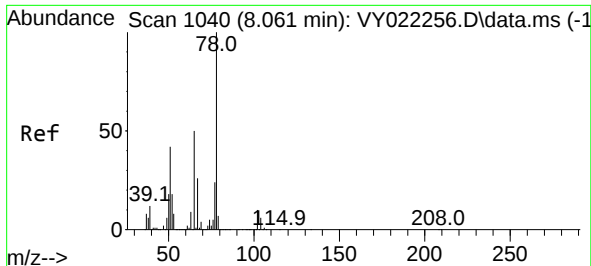
Tgt Ion: 56 Resp: 200037
Ion Ratio Lower Upper
56 100
69 32.1 27.4 41.2
84 86.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.923 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 97 Resp: 194589
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.8 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 53.878 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

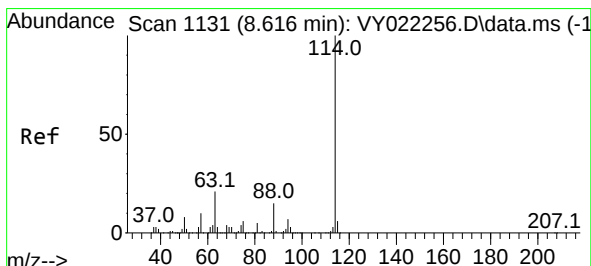
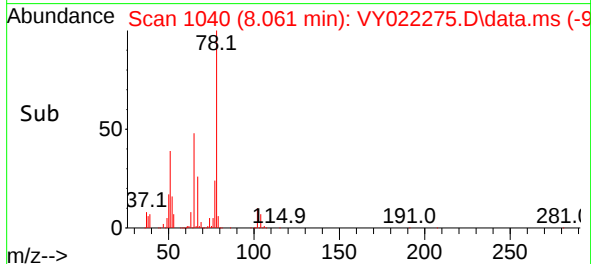
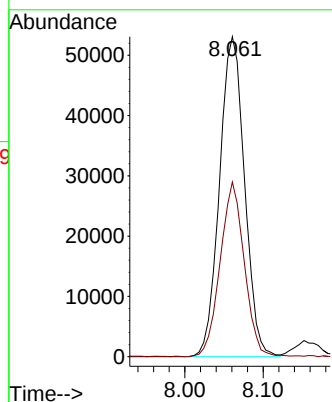
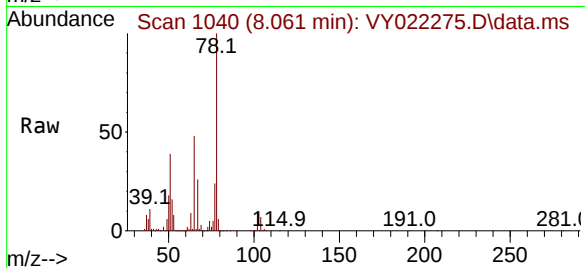
VSTDCCC050EC

Tgt Ion: 65 Resp: 117866

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

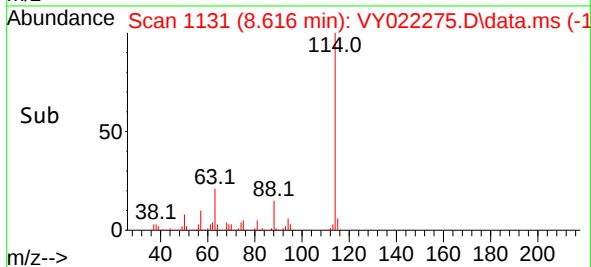
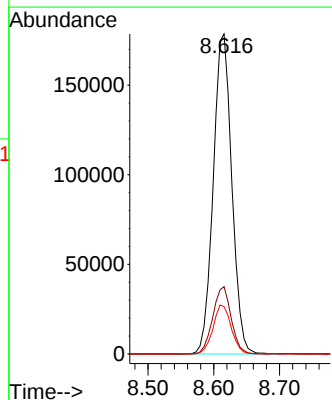
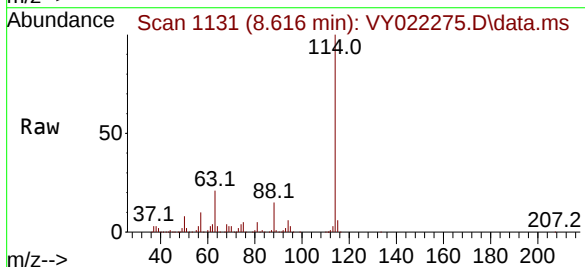
Tgt Ion: 114 Resp: 350341

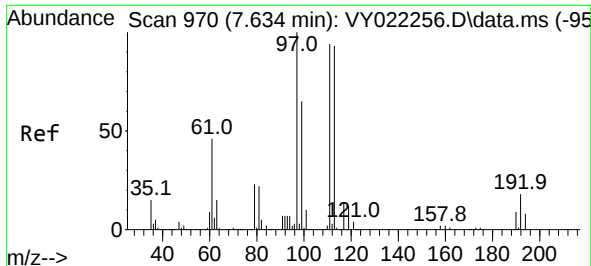
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

88 14.8 0.0 29.4

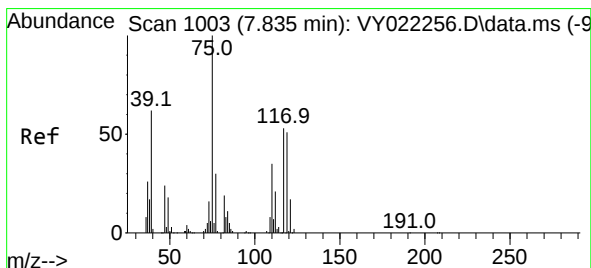
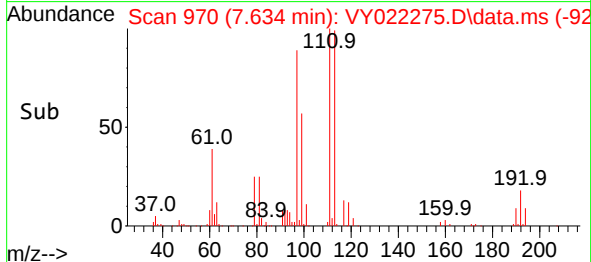
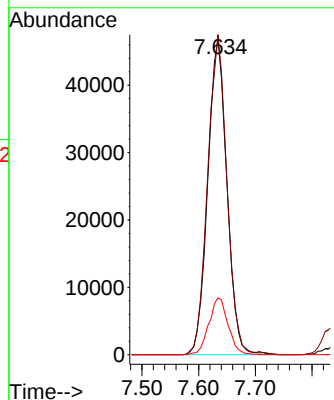
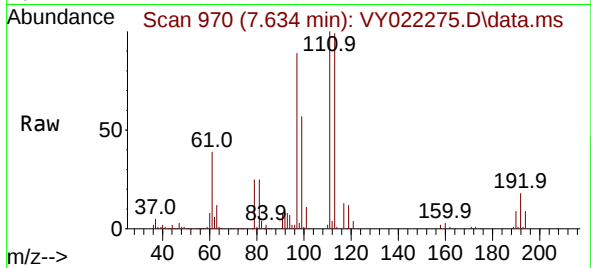




#35
Dibromofluoromethane
Concen: 52.681 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

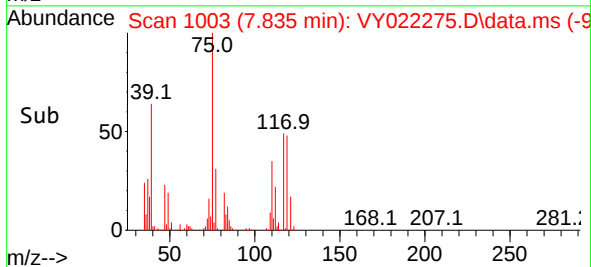
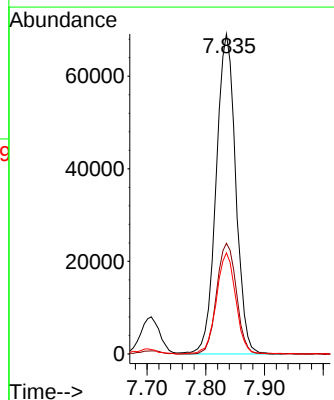
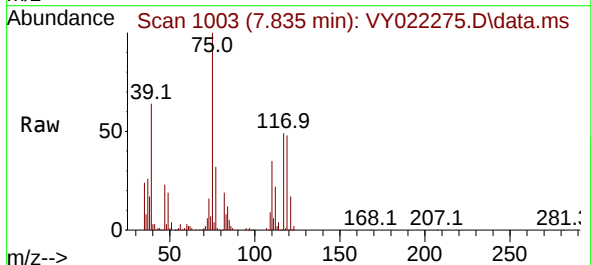
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

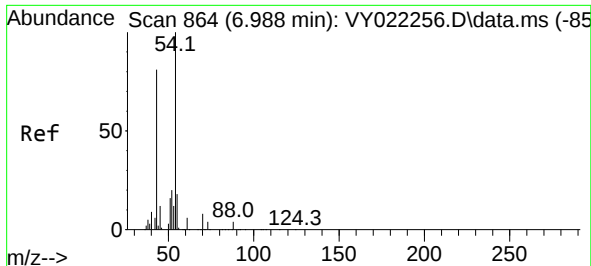
Tgt Ion:113 Resp: 110158
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 18.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 46.428 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 75 Resp: 159907
Ion Ratio Lower Upper
75 100
110 34.8 16.6 49.8
77 31.3 24.6 37.0

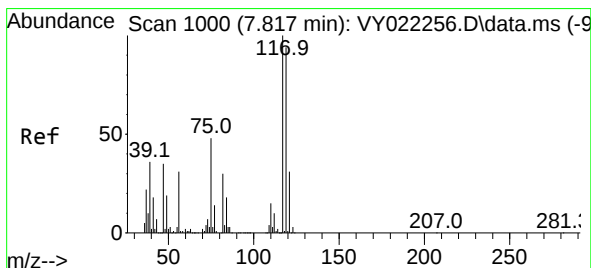
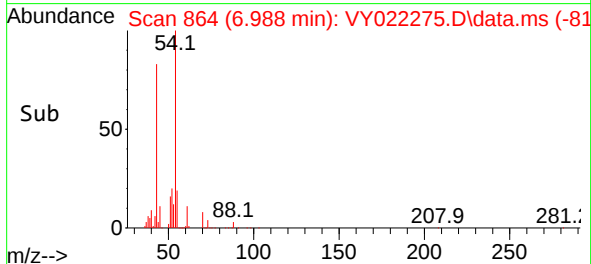
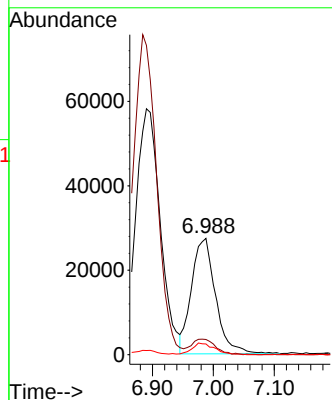
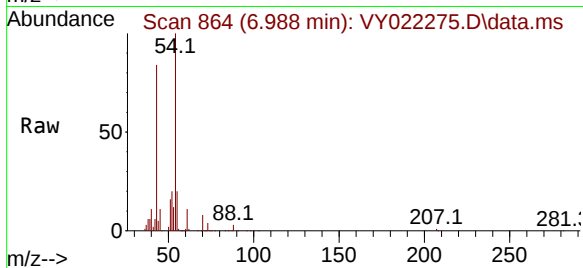




#37
Ethyl Acetate
Concen: 45.459 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

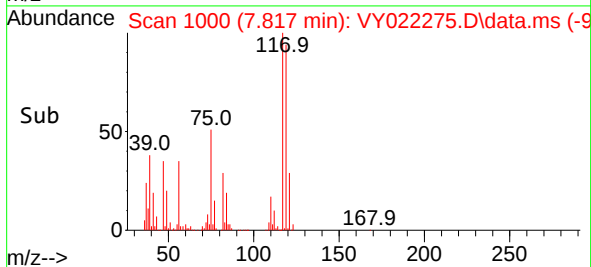
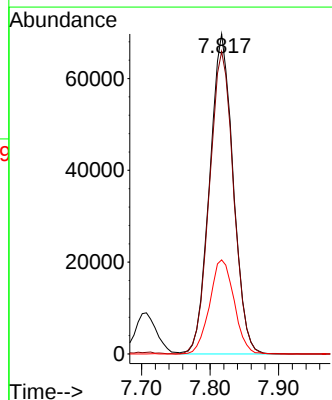
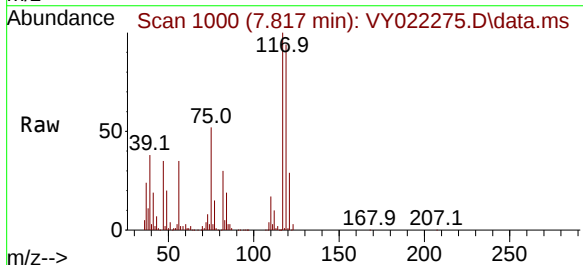
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

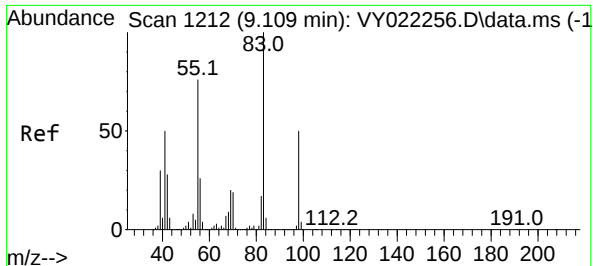
Tgt Ion: 43 Resp: 75333
Ion Ratio Lower Upper
43 100
61 13.6 10.2 15.2
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.629 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 117 Resp: 166240
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 45.585 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

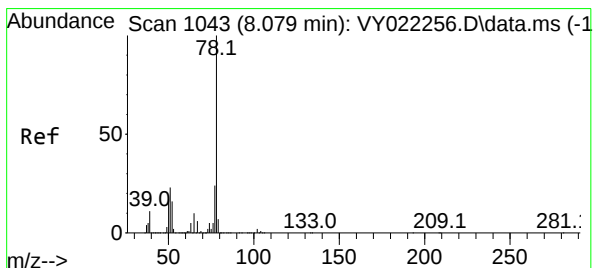
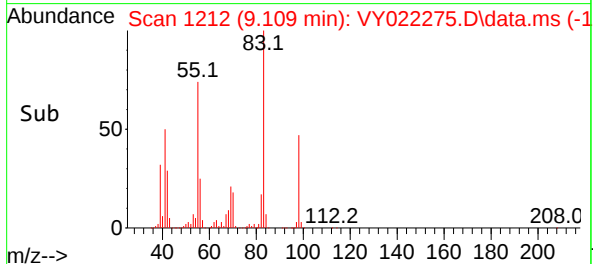
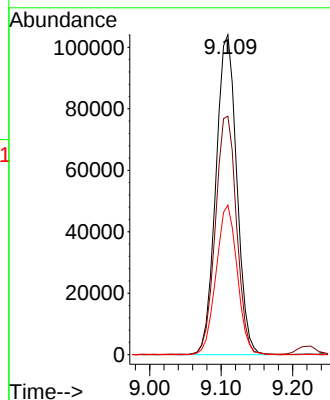
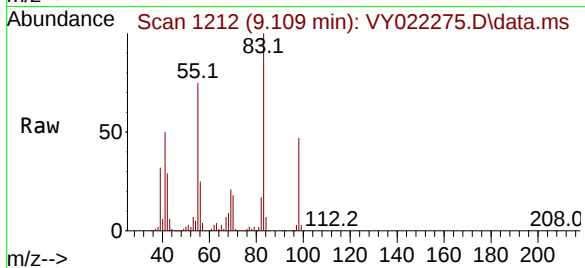
Tgt Ion: 83 Resp: 210935

Ion Ratio Lower Upper

83 100

55 74.4 60.6 90.8

98 46.7 40.0 60.0



#40

Benzene

Concen: 49.319 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022275.D

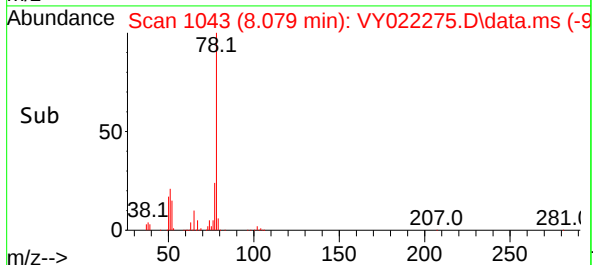
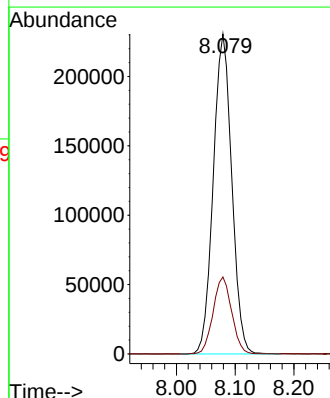
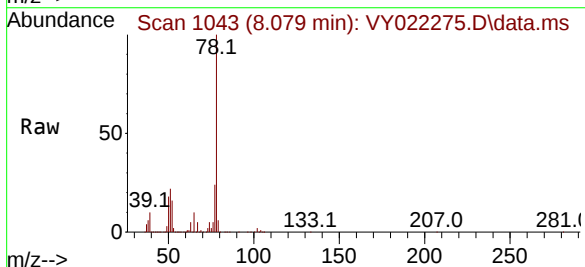
Acq: 15 May 2025 19:52

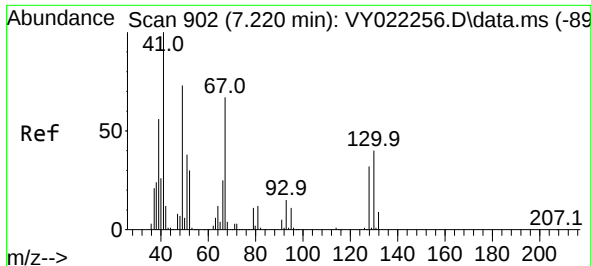
Tgt Ion: 78 Resp: 503565

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3

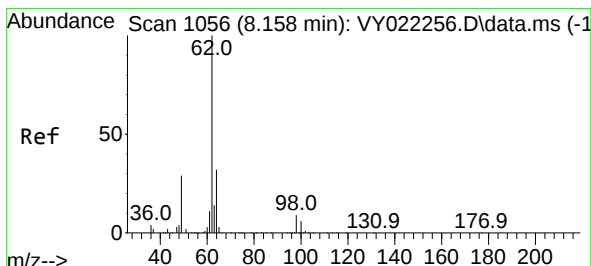
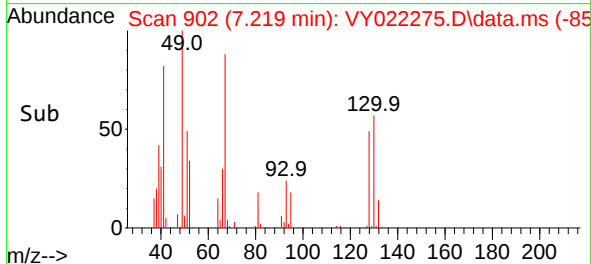
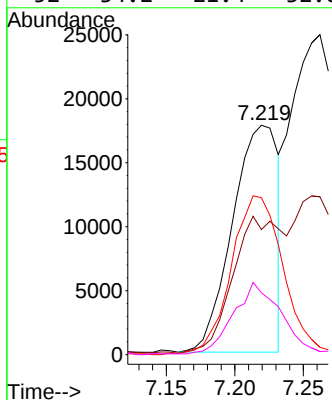
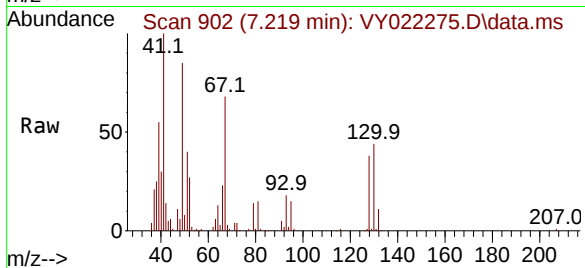




#41
Methacrylonitrile
Concen: 37.379 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

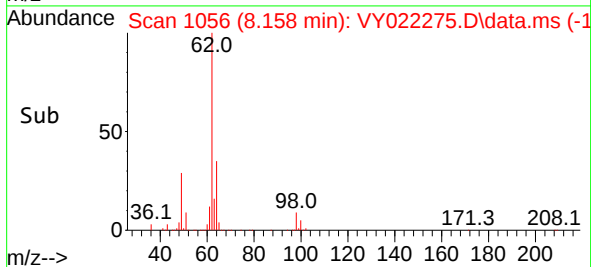
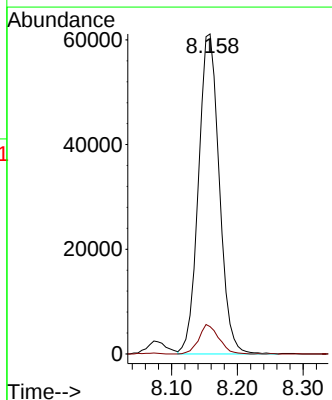
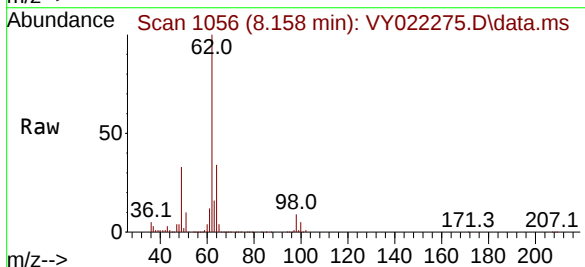
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

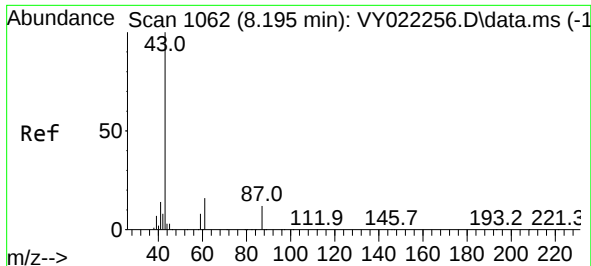
Tgt Ion:	41	Resp:	41090
Ion	Ratio	Lower	Upper
41	100		
39	67.4	39.1	58.7#
67	81.2	47.1	70.7#
52	34.2	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 48.660 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:	62	Resp:	134356
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

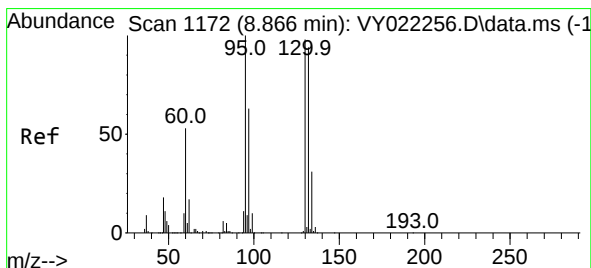
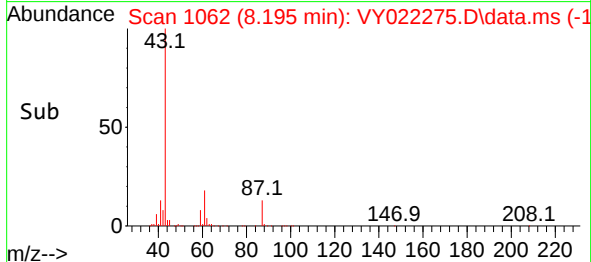
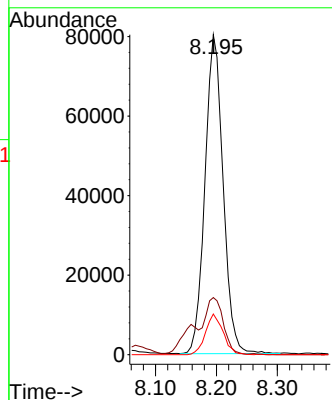
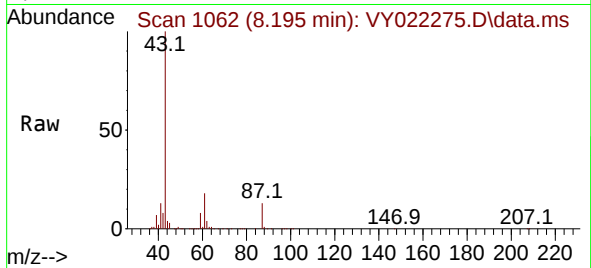




#43
Isopropyl Acetate
Concen: 45.928 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

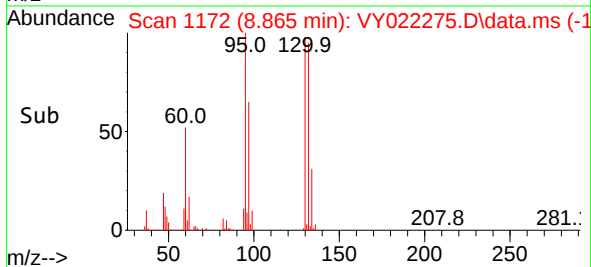
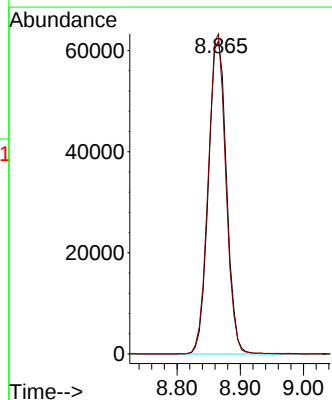
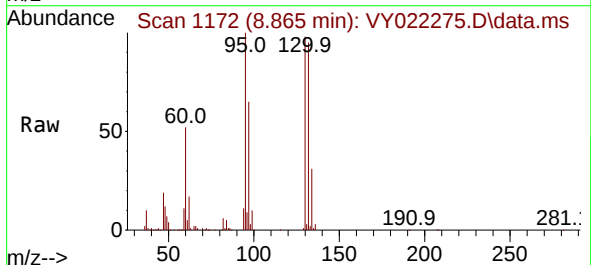
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

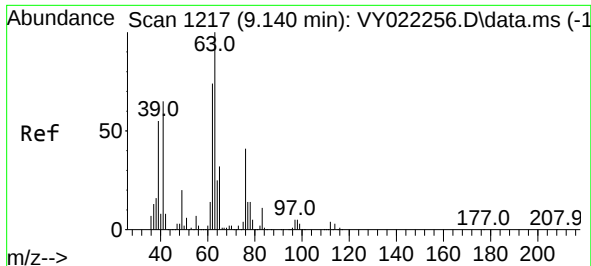
Tgt Ion: 43 Resp: 165989
Ion Ratio Lower Upper
43 100
61 18.0 15.1 22.7
87 12.4 9.7 14.5



#44
Trichloroethene
Concen: 48.649 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:130 Resp: 123509
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 48.787 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

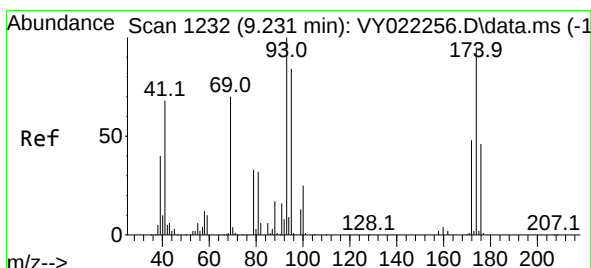
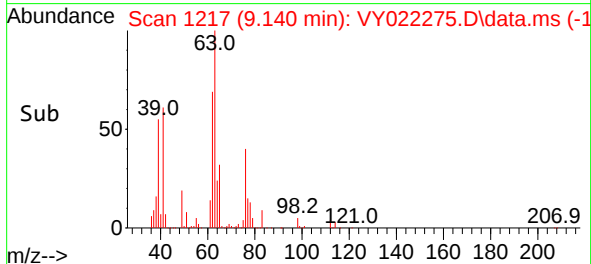
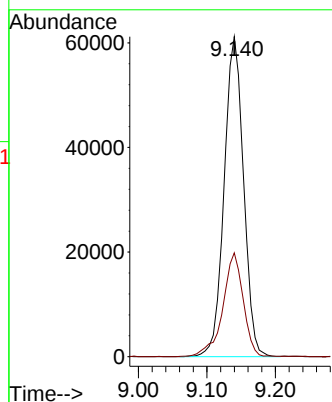
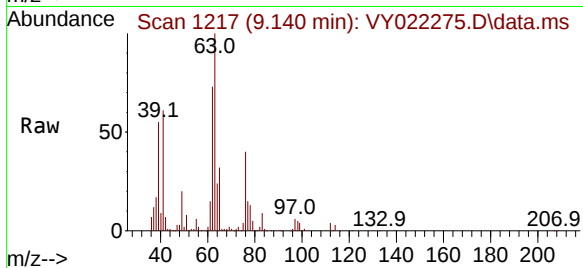
VSTDCCC050EC

Tgt Ion: 63 Resp: 120095

Ion Ratio Lower Upper

63 100

65 32.4 25.7 38.5



#46

Dibromomethane

Concen: 48.413 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

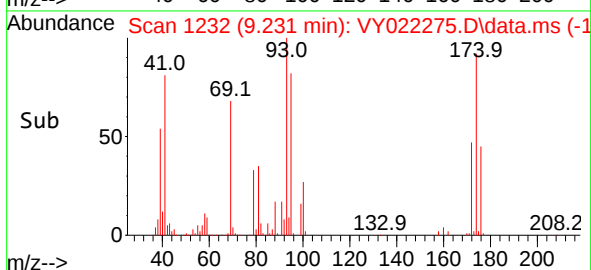
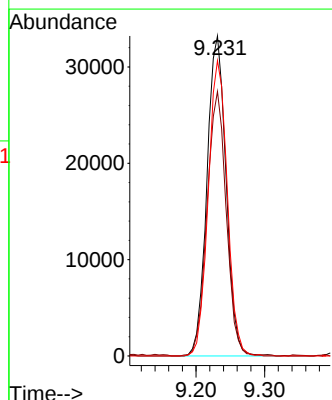
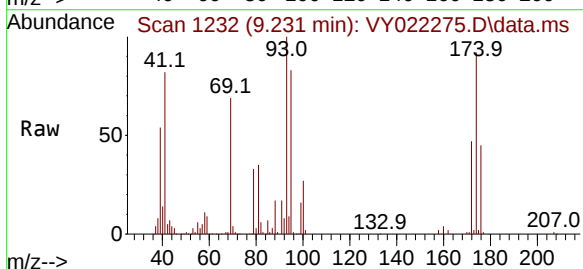
Tgt Ion: 93 Resp: 64278

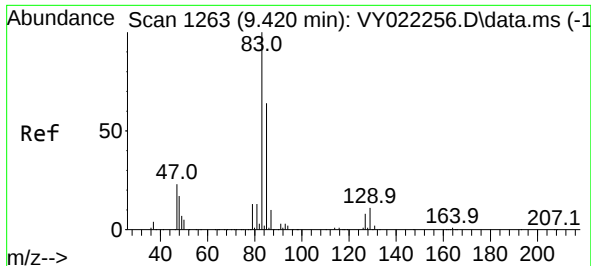
Ion Ratio Lower Upper

93 100

95 83.0 65.2 97.8

174 92.1 74.3 111.5

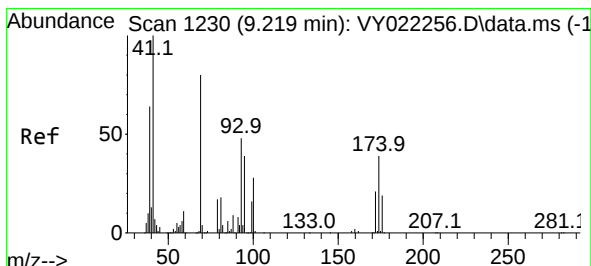
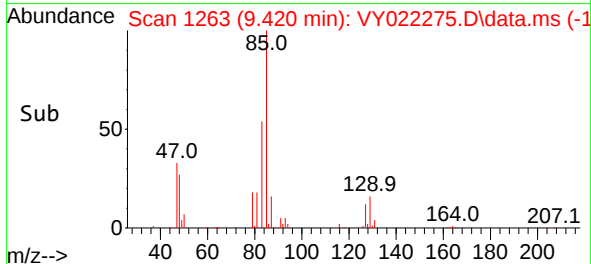
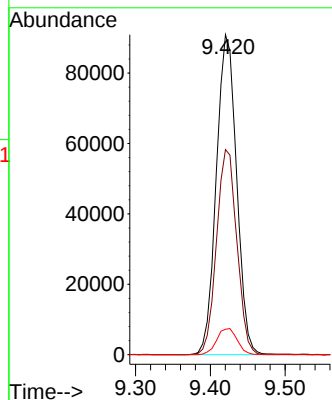
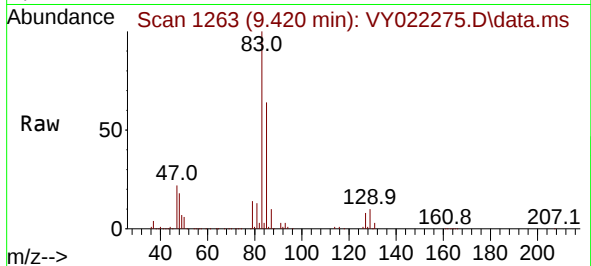




#47
Bromodichloromethane
Concen: 49.963 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

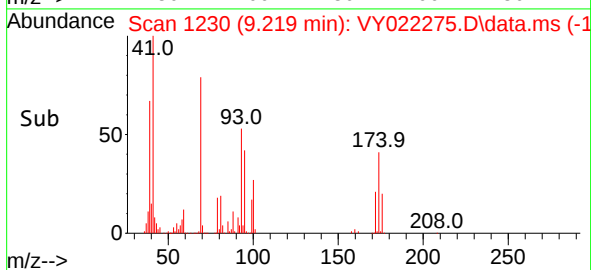
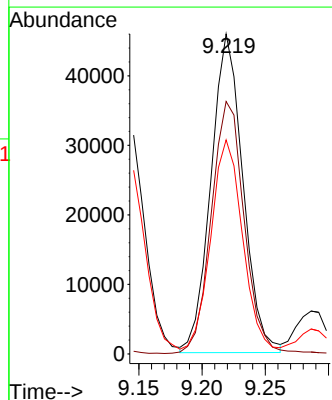
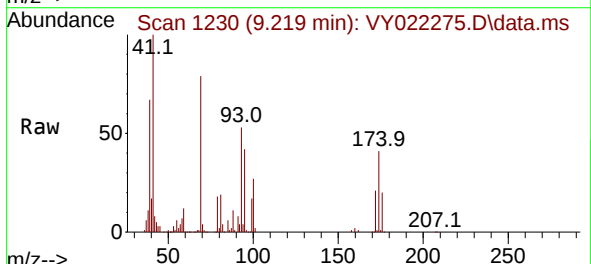
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

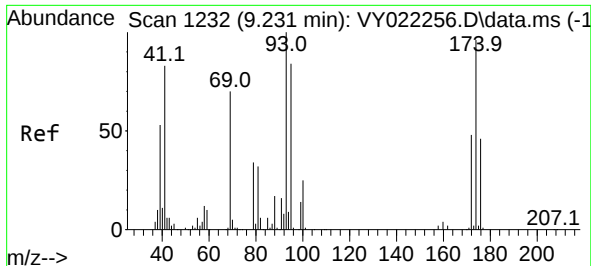
Tgt Ion: 83 Resp: 172091
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 47.699 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 41 Resp: 80618
Ion Ratio Lower Upper
41 100
69 81.3 63.5 95.3
39 64.8 50.8 76.2

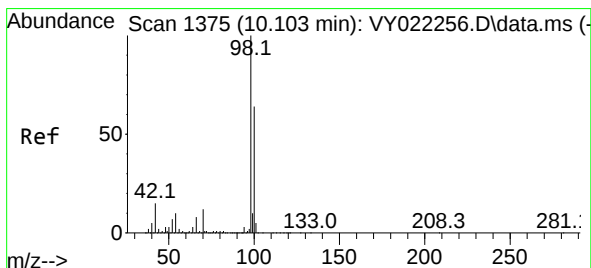
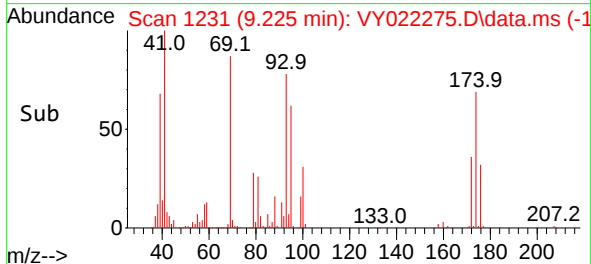
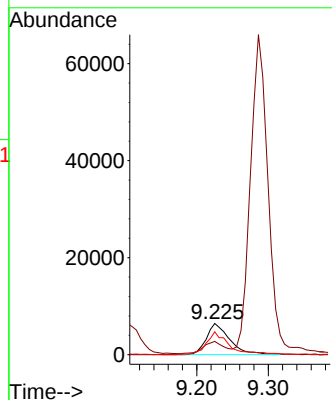
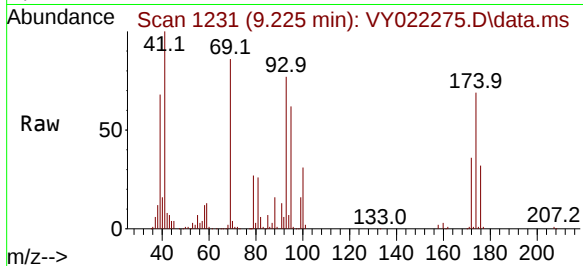




#49
1,4-Dioxane
Concen: 968.930 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

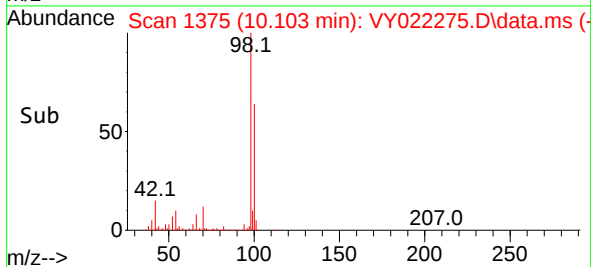
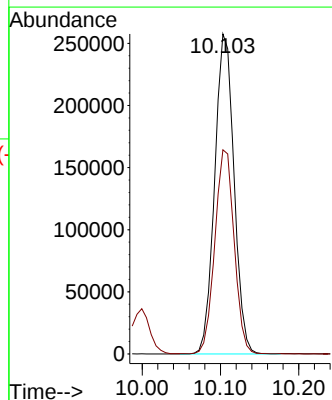
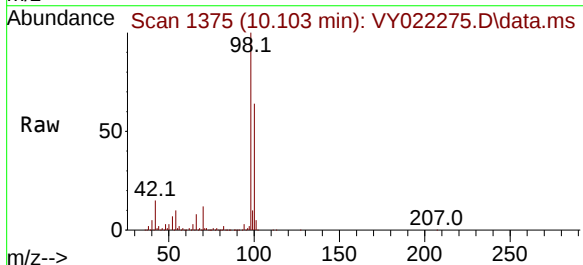
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

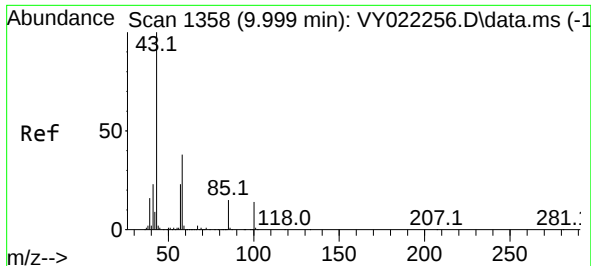
Tgt Ion: 88 Resp: 14533
Ion Ratio Lower Upper
88 100
43 35.0 28.5 42.7
58 73.1 61.4 92.2



#50
Toluene-d8
Concen: 51.640 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 98 Resp: 442242
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8

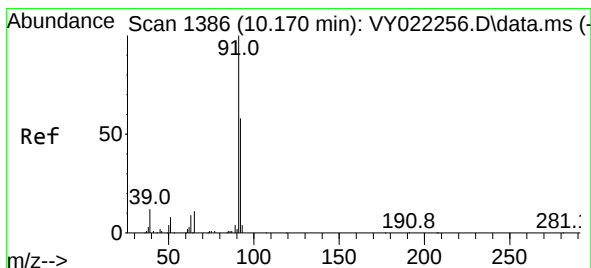
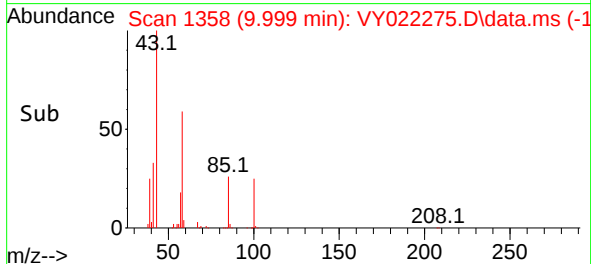
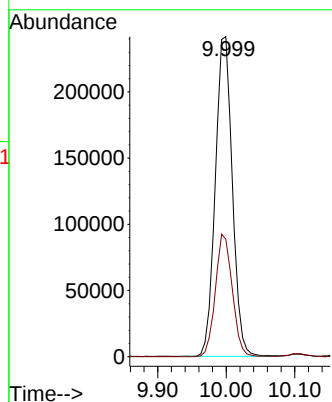
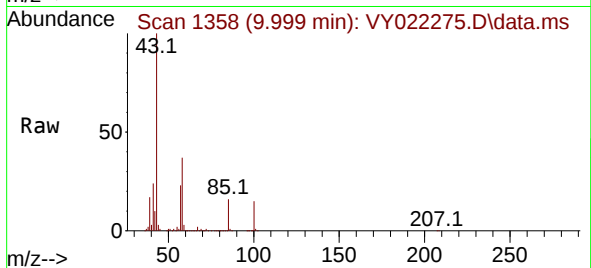




#51
4-Methyl-2-Pentanone
Concen: 235.486 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

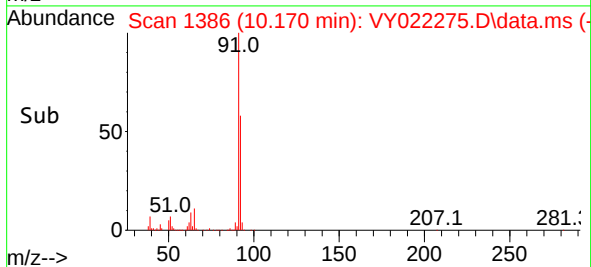
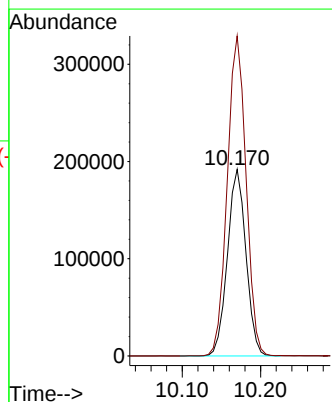
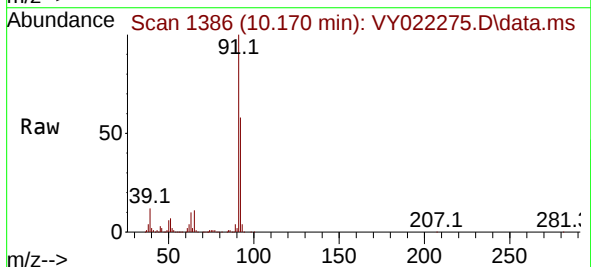
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

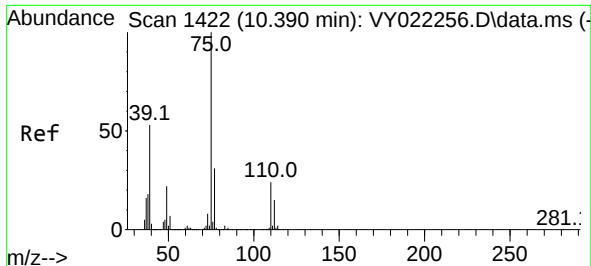
Tgt Ion: 43 Resp: 417595
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2



#52
Toluene
Concen: 48.800 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 92 Resp: 315520
Ion Ratio Lower Upper
92 100
91 174.1 139.1 208.7

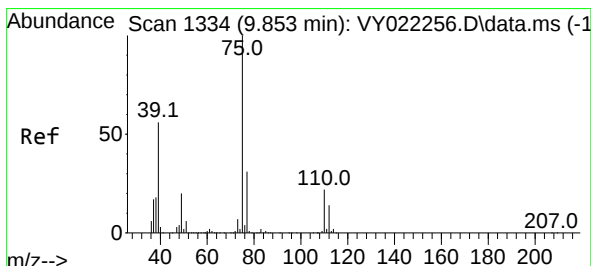
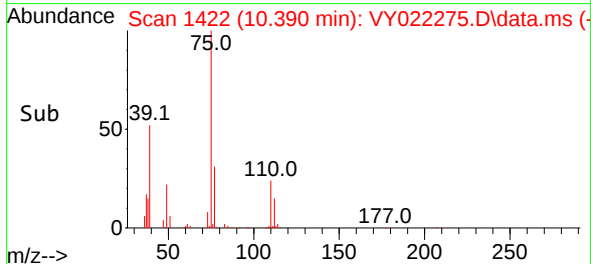
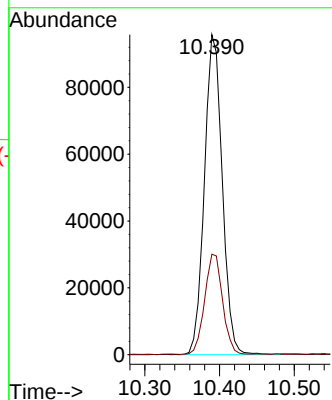
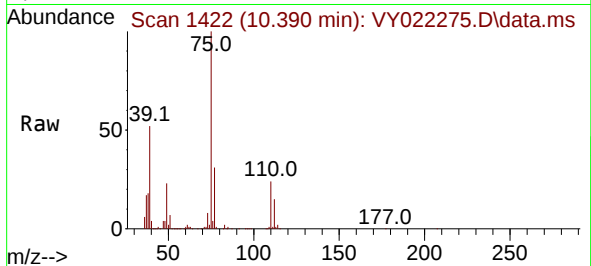




#53
 t-1,3-Dichloropropene
 Concen: 47.262 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

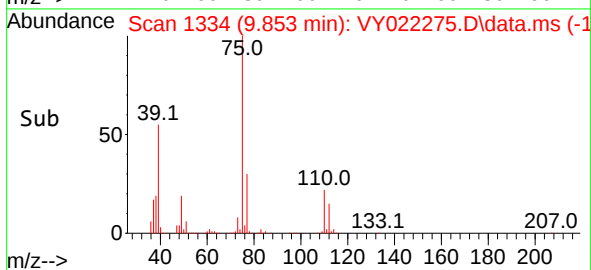
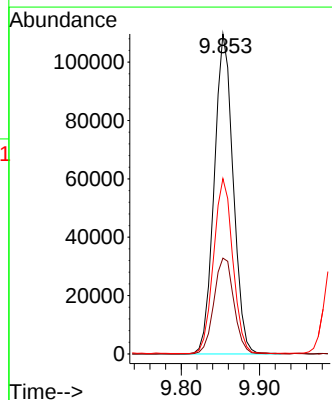
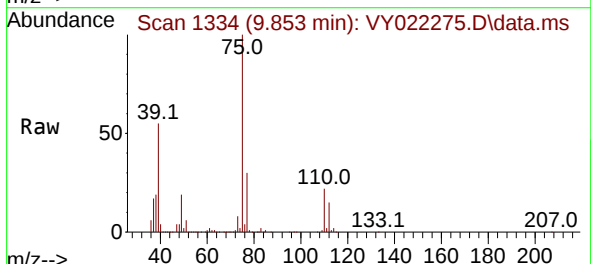
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

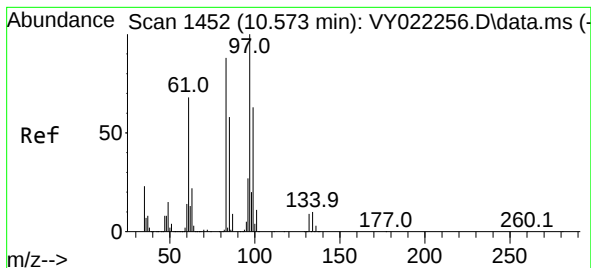
Tgt Ion: 75 Resp: 158866
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.851 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

Tgt Ion: 75 Resp: 184284
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.1 37.7
 39 54.7 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 48.937 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 83201

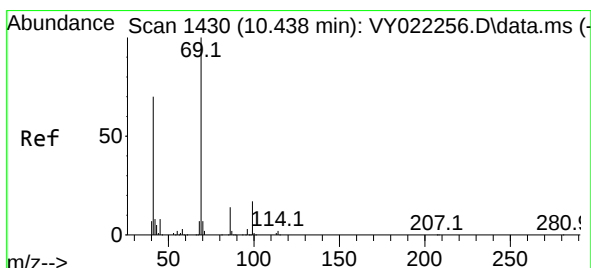
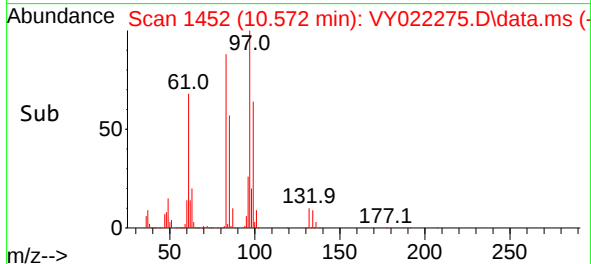
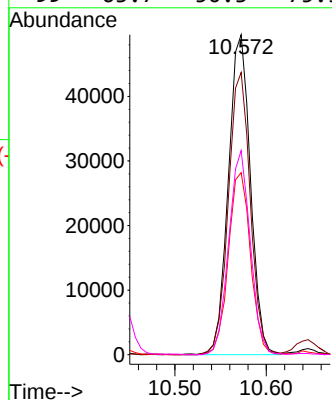
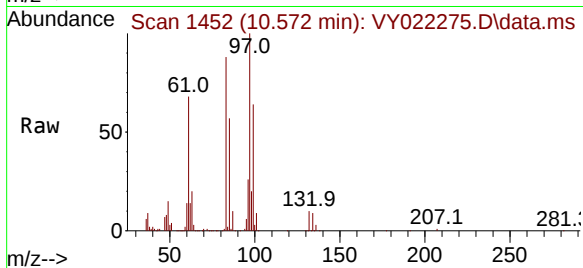
Ion Ratio Lower Upper

97 100

83 88.2 70.3 105.5

85 56.9 46.2 69.4

99 63.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 47.866 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

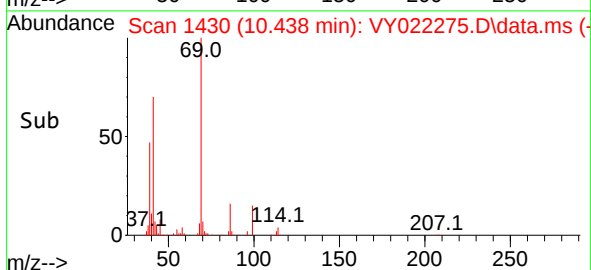
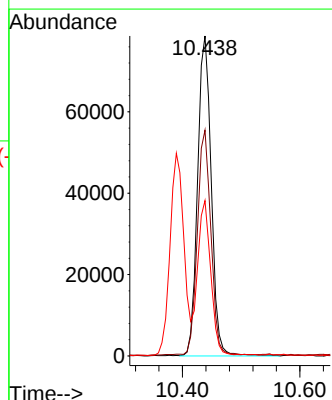
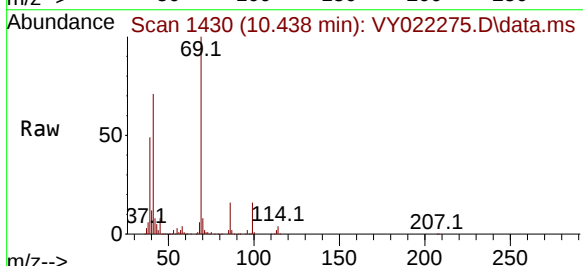
Tgt Ion: 69 Resp: 126764

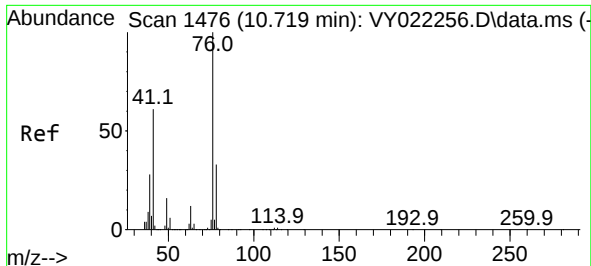
Ion Ratio Lower Upper

69 100

41 70.9 56.5 84.7

39 46.0 37.1 55.7





#57

1,3-Dichloropropane

Concen: 48.881 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

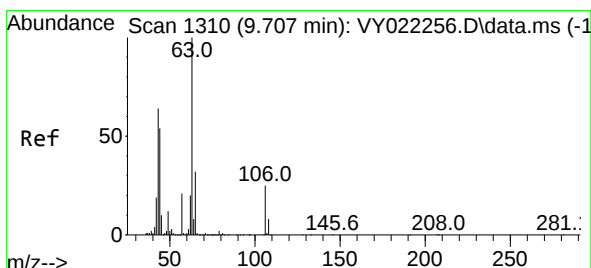
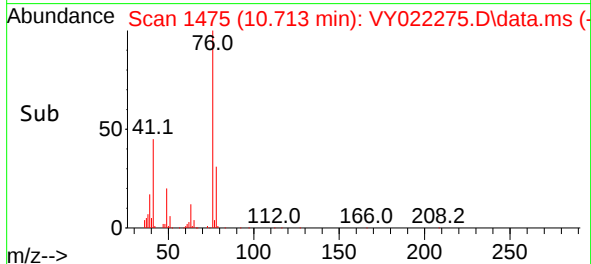
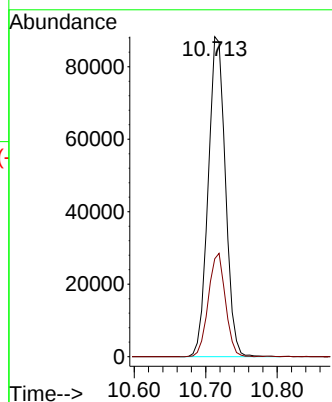
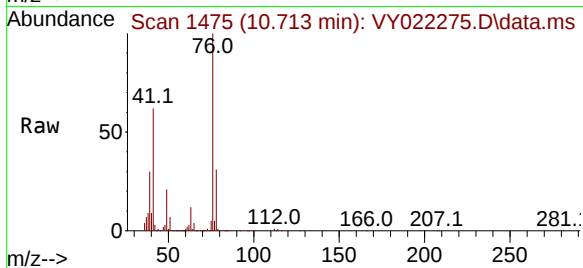
VSTDCCC050EC

Tgt Ion: 76 Resp: 147656

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.180 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022275.D

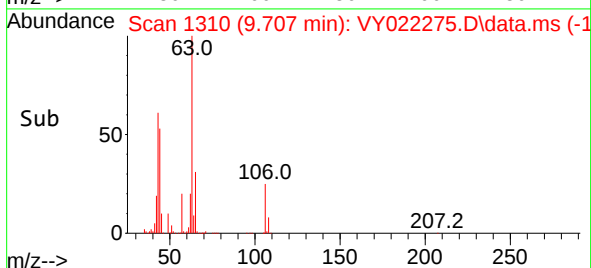
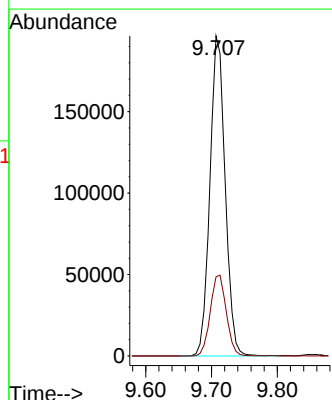
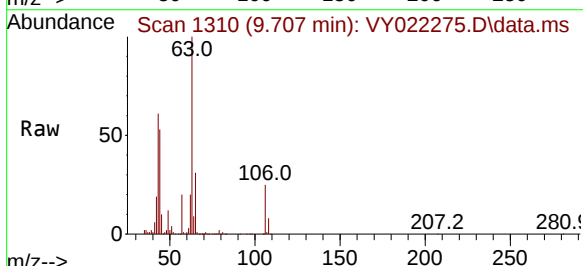
Acq: 15 May 2025 19:52

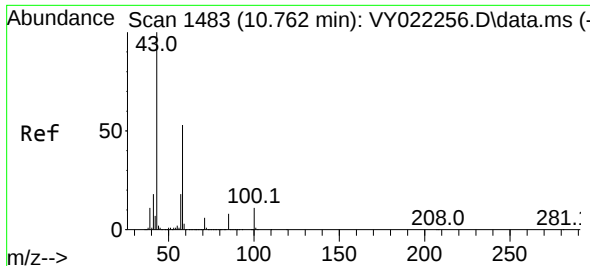
Tgt Ion: 63 Resp: 317597

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4

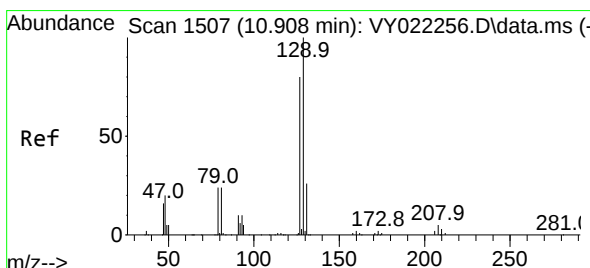
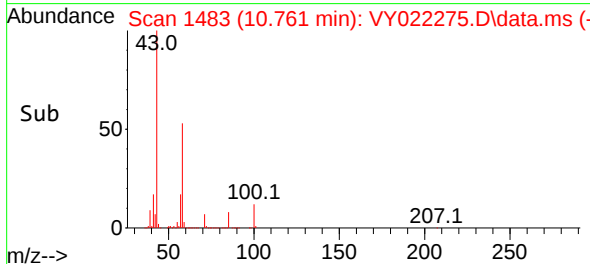
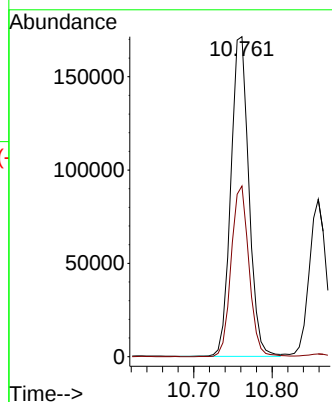
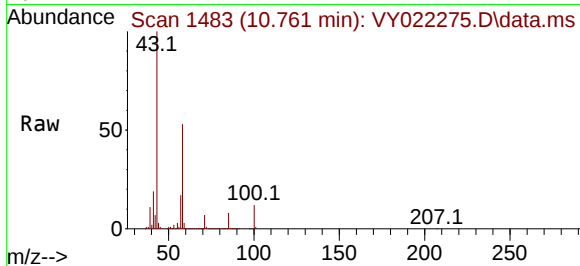




#59
2-Hexanone
Concen: 229.855 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

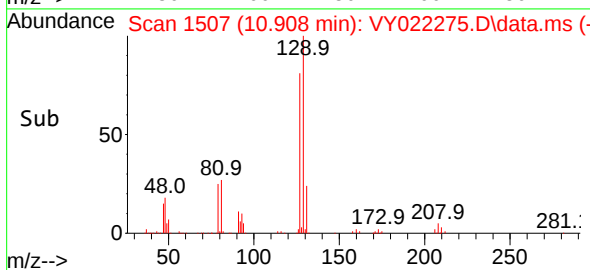
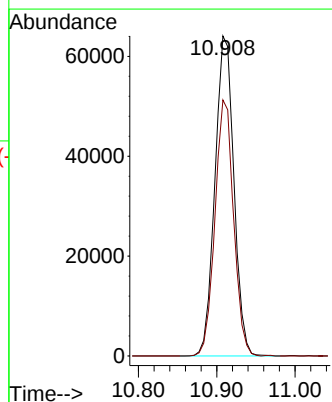
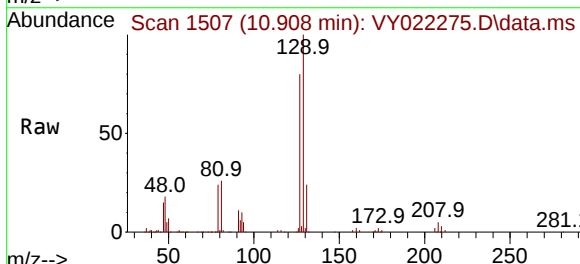
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

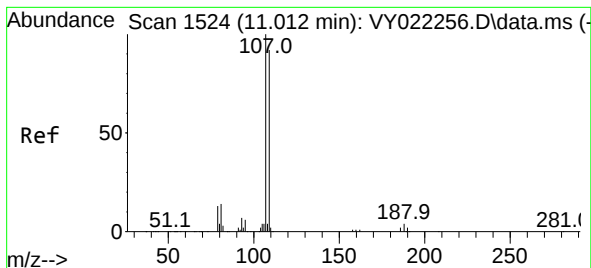
Tgt Ion: 43 Resp: 273295
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.3



#60
Dibromochloromethane
Concen: 48.824 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 129 Resp: 107741
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7

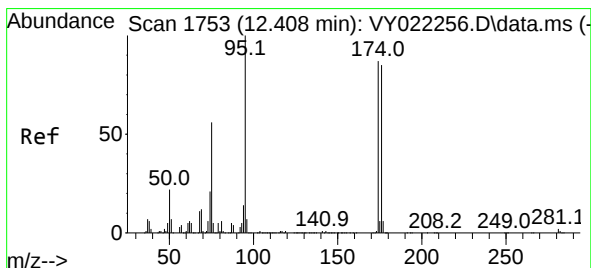
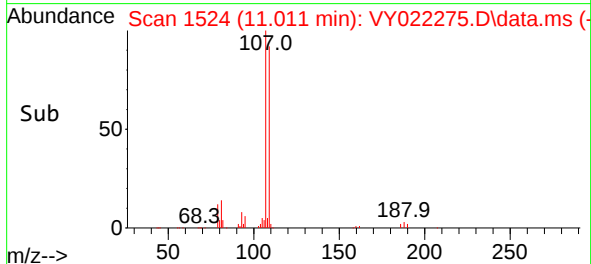
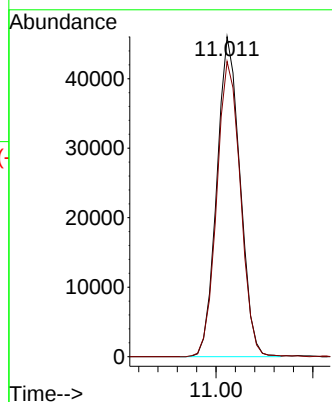
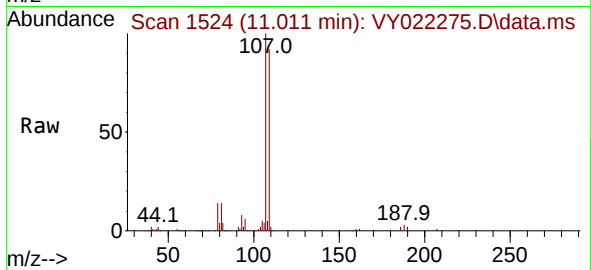




#61
1,2-Dibromoethane
Concen: 48.332 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

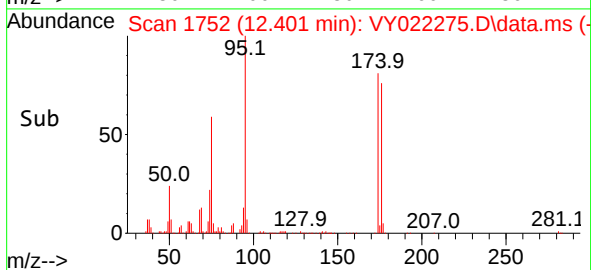
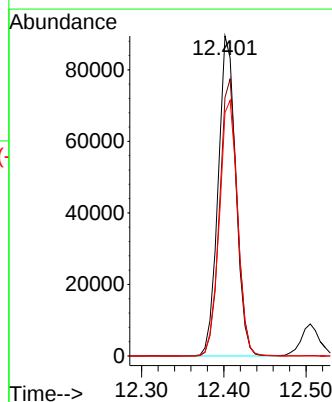
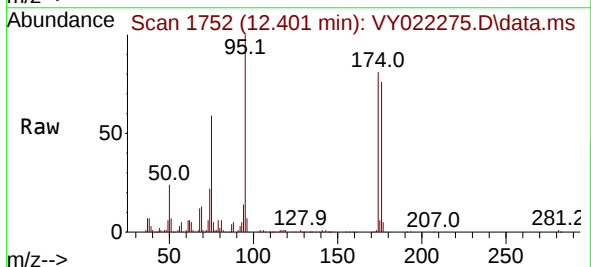
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

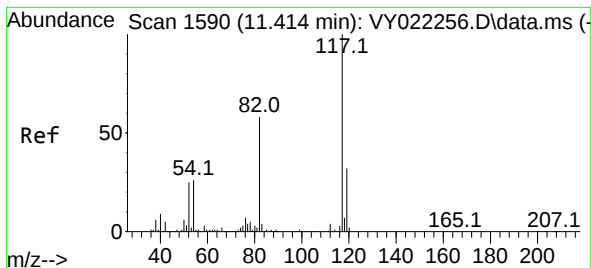
Tgt Ion:107 Resp: 76587
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 95 Resp: 133714
Ion Ratio Lower Upper
95 100
174 86.4 0.0 166.8
176 82.7 0.0 160.8

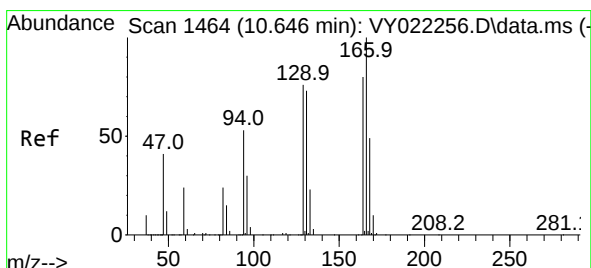
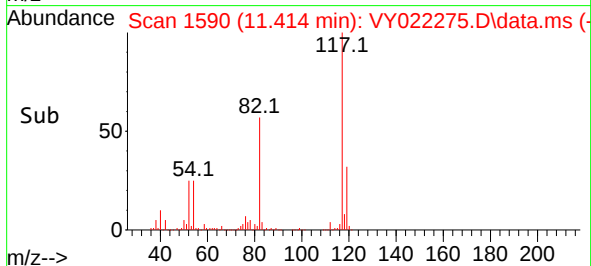
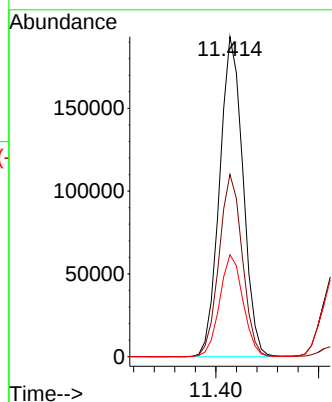
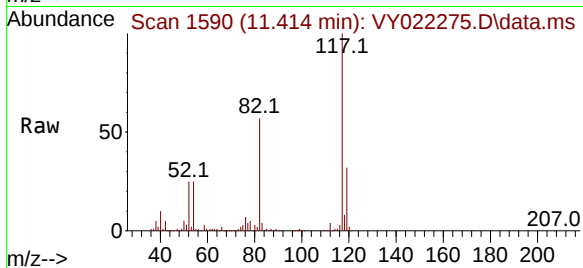




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

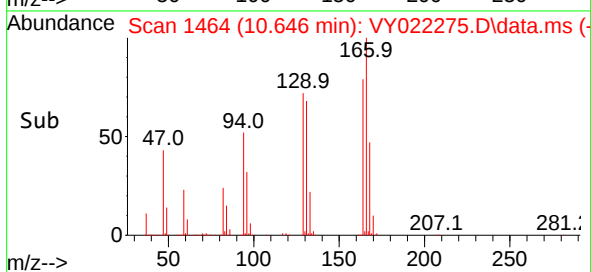
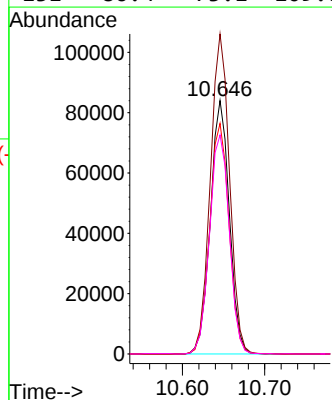
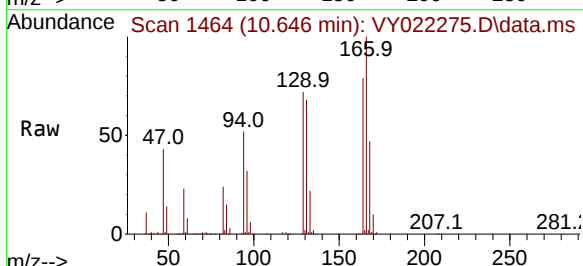
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

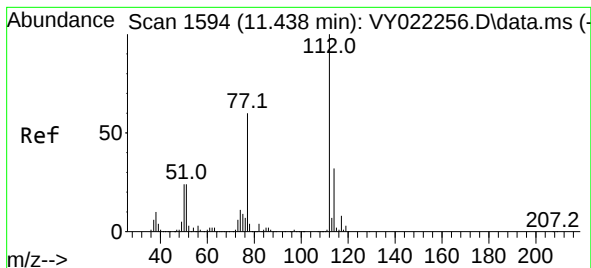
Tgt Ion:117 Resp: 304640
Ion Ratio Lower Upper
117 100
82 57.0 46.6 70.0
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 47.833 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:164 Resp: 134690
Ion Ratio Lower Upper
164 100
166 126.3 100.4 150.6
129 91.0 76.4 114.6
131 86.4 73.1 109.7

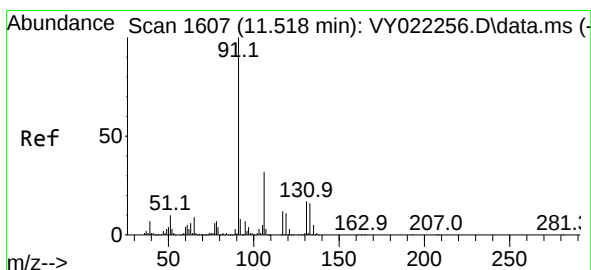
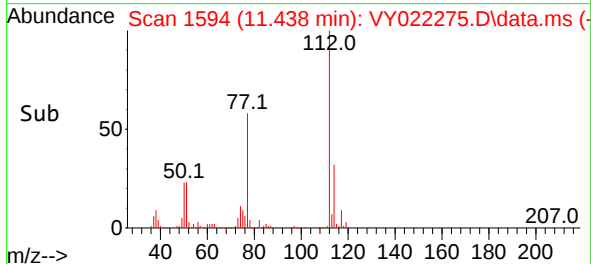
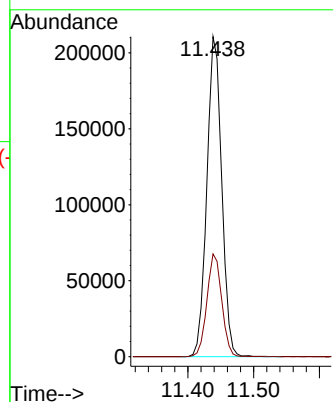
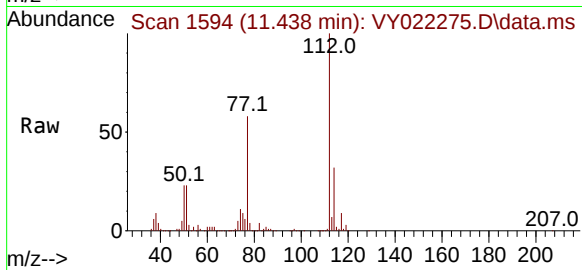




#65
Chlorobenzene
Concen: 48.128 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

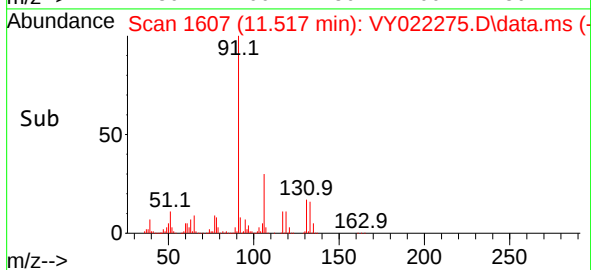
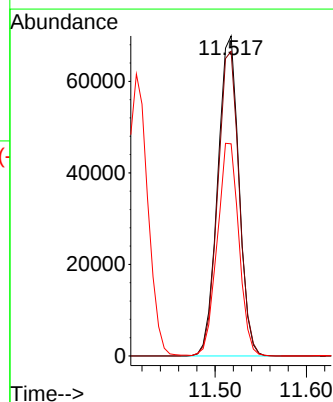
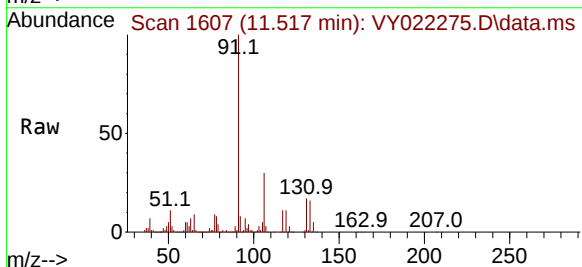
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

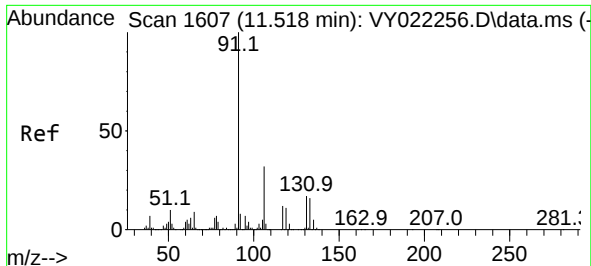
Tgt Ion:112 Resp: 330781
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.800 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:131 Resp: 112943
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 67.7 33.1 99.2





#67

Ethyl Benzene

Concen: 47.588 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

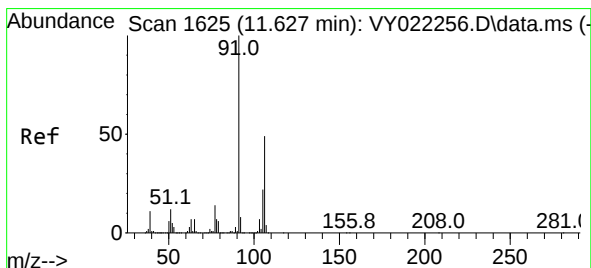
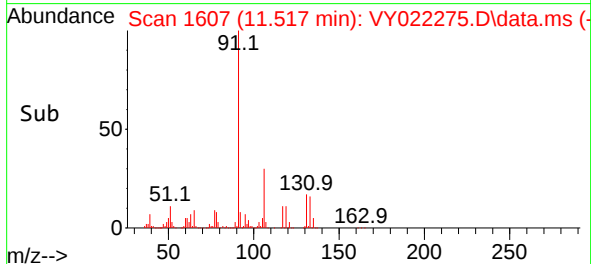
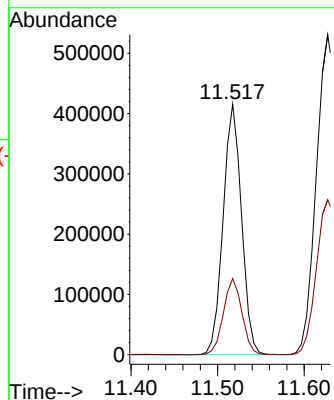
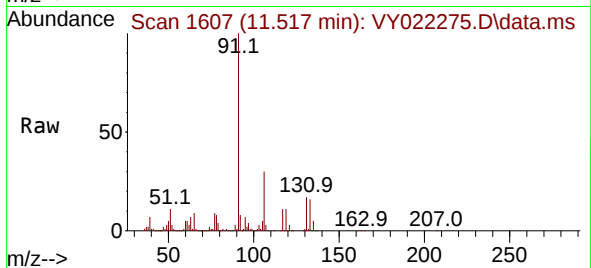
VSTDCCC050EC

Tgt Ion: 91 Resp: 612536

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 95.289 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022275.D

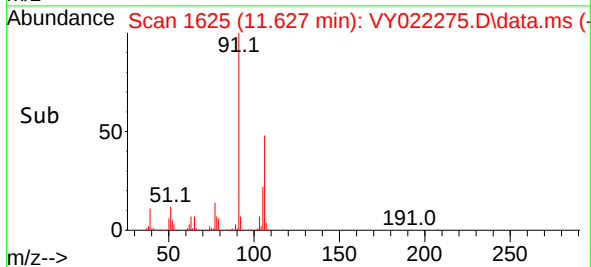
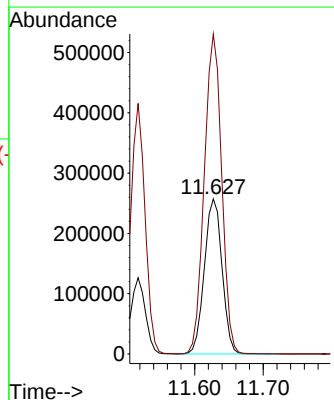
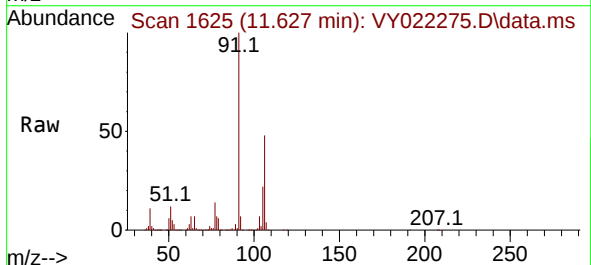
Acq: 15 May 2025 19:52

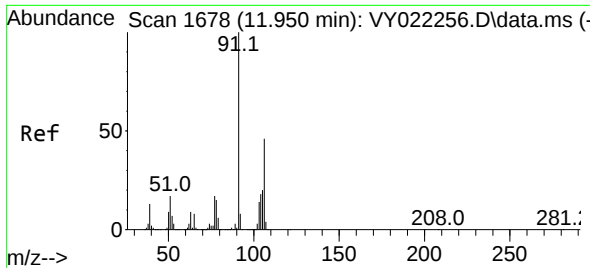
Tgt Ion:106 Resp: 462177

Ion Ratio Lower Upper

106 100

91 203.0 163.0 244.4

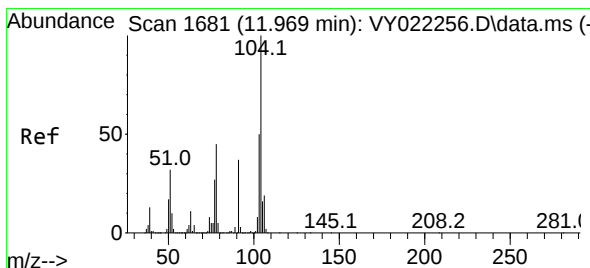
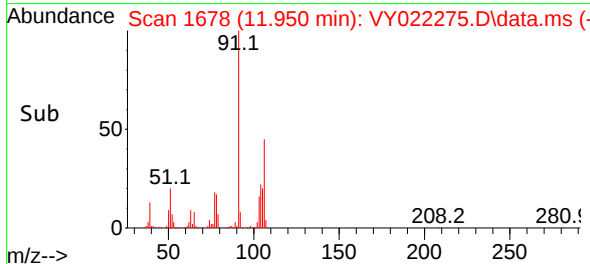
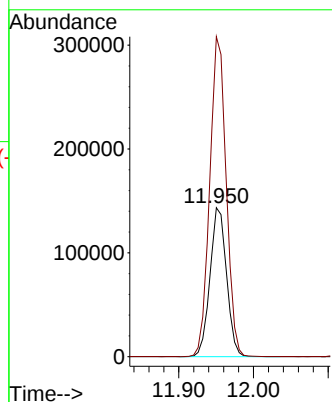
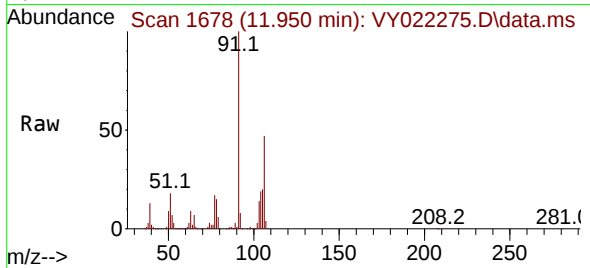




#69
o-Xylene
Concen: 48.022 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

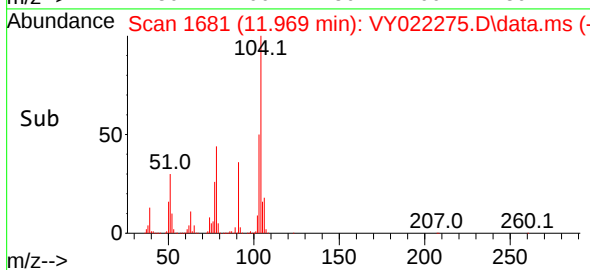
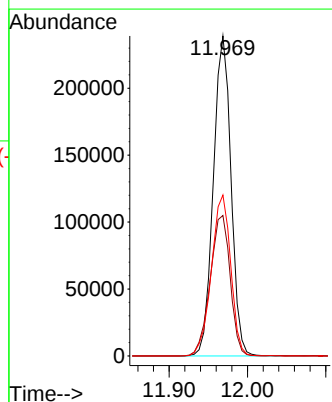
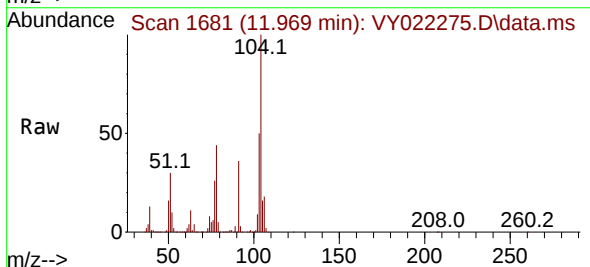
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

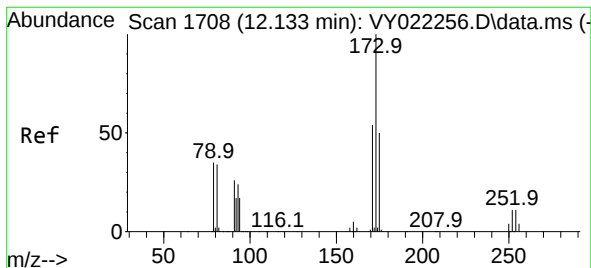
Tgt Ion:106 Resp: 220371
Ion Ratio Lower Upper
106 100
91 213.6 108.3 324.8



#70
Styrene
Concen: 48.433 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion:104 Resp: 374912
Ion Ratio Lower Upper
104 100
78 49.7 40.9 61.3
103 54.9 43.7 65.5





#71

Bromoform

Concen: 47.123 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

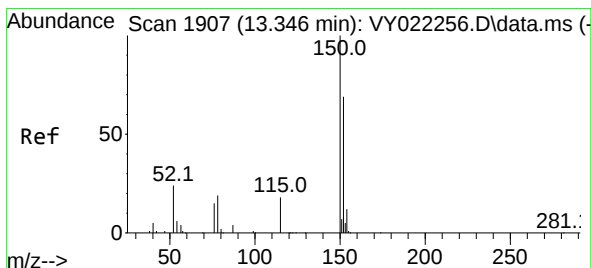
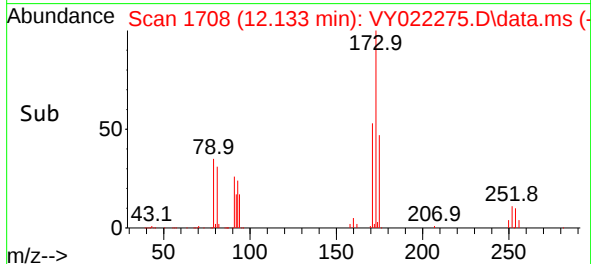
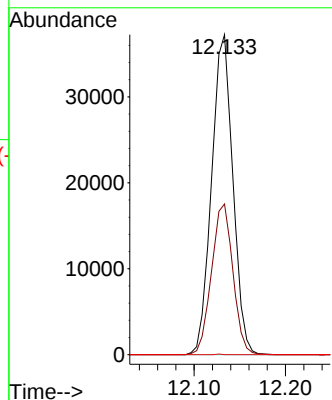
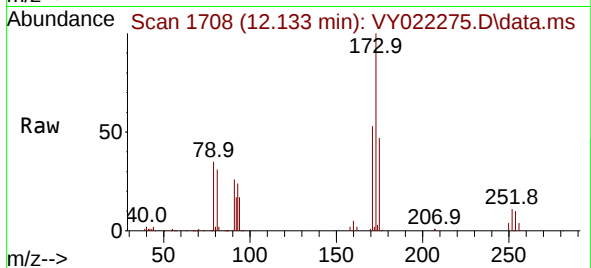
Tgt Ion:173 Resp: 60098

Ion Ratio Lower Upper

173 100

175 47.5 24.7 74.1

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

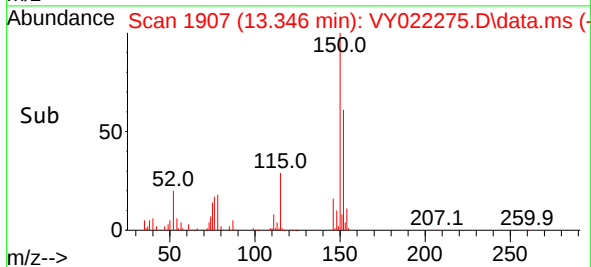
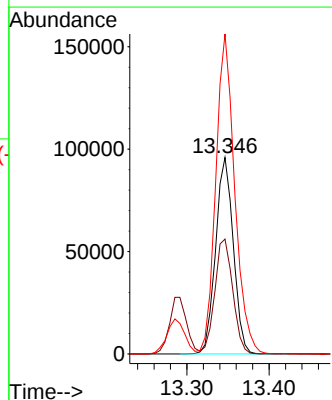
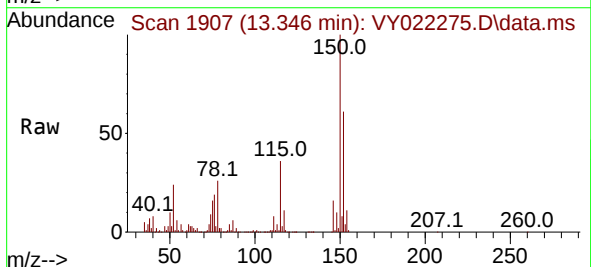
Tgt Ion:152 Resp: 143337

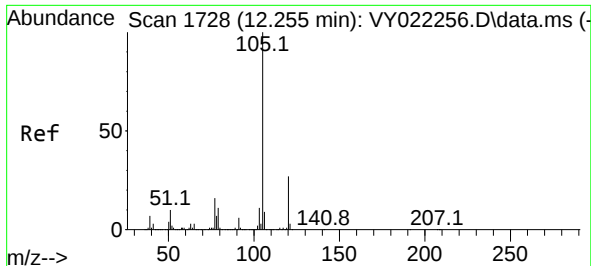
Ion Ratio Lower Upper

152 100

115 59.3 29.4 88.2

150 174.3 0.0 353.8

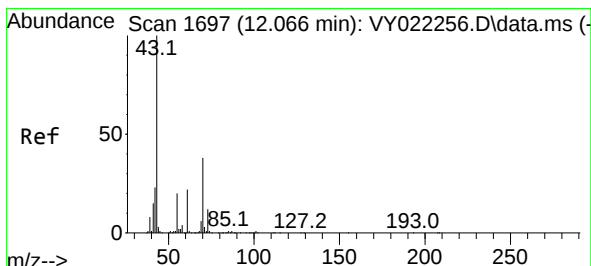
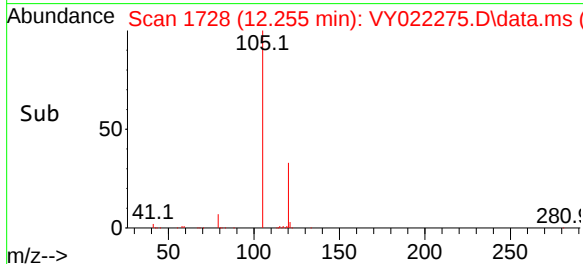
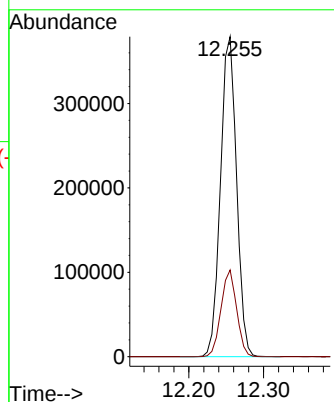
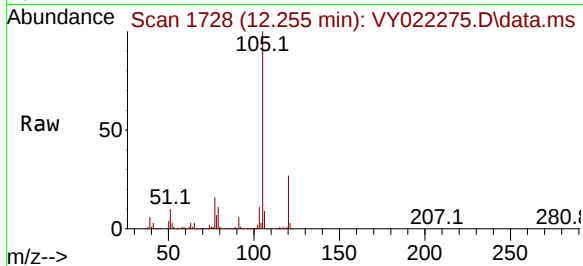




#73
Isopropylbenzene
Concen: 47.714 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

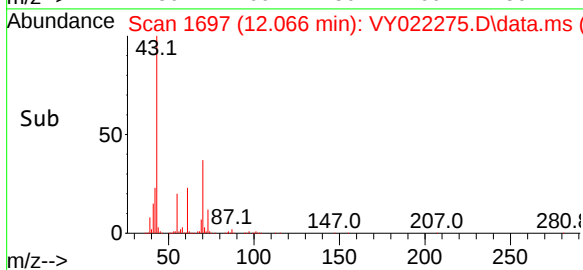
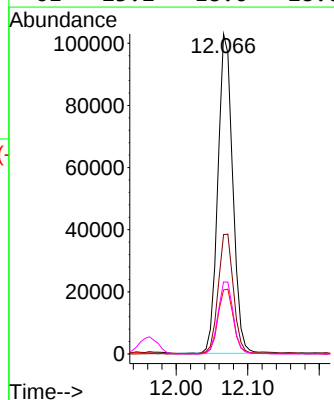
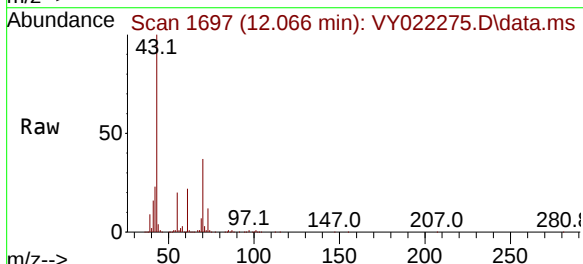
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

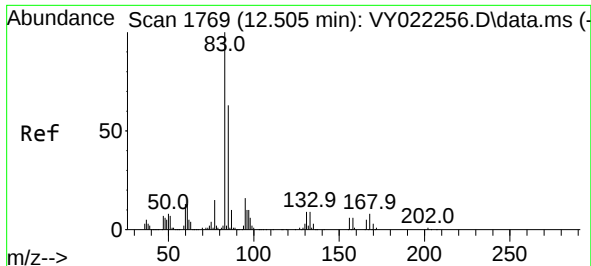
Tgt Ion:105 Resp: 566596
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 43.719 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 43 Resp: 148480
Ion Ratio Lower Upper
43 100
70 38.6 31.4 47.0
55 21.2 17.0 25.6
61 23.2 18.6 28.0

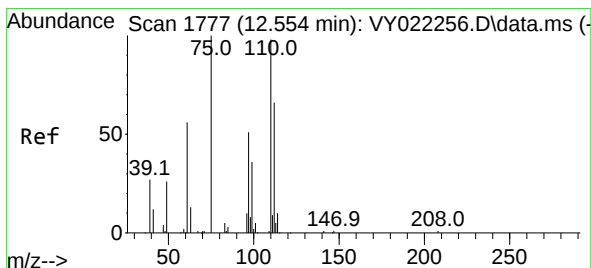
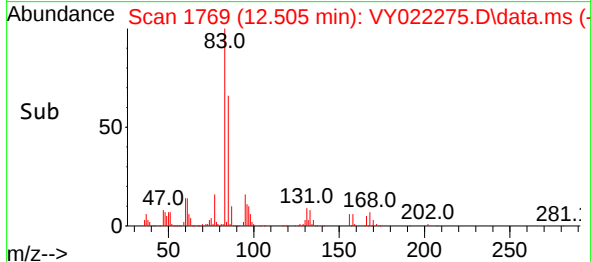
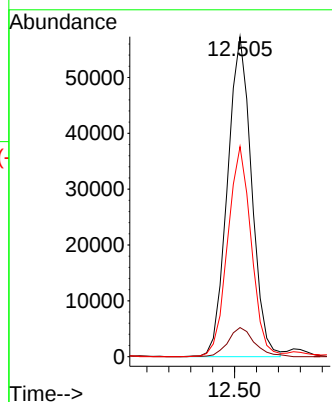
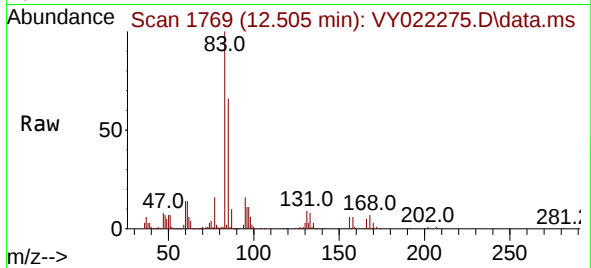




#75
1,1,2,2-Tetrachloroethane
Concen: 47.972 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

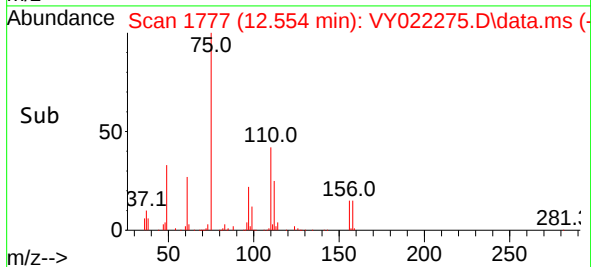
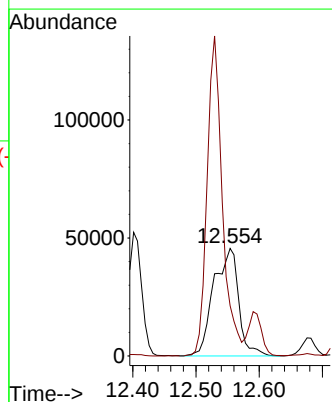
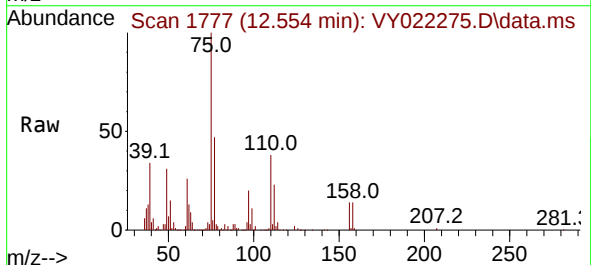
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

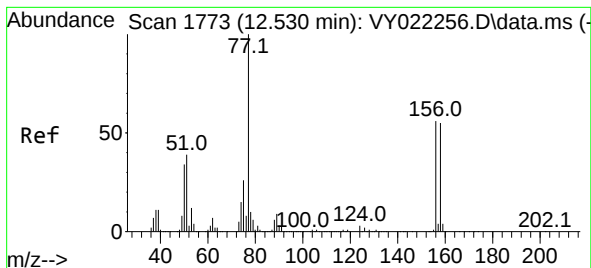
Tgt Ion: 83 Resp: 87608
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 85.957 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 75 Resp: 124823
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.481 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

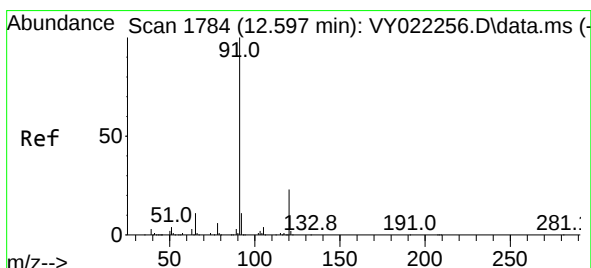
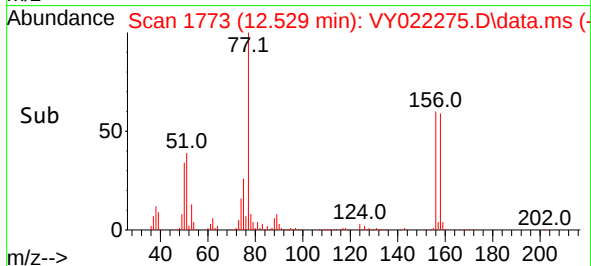
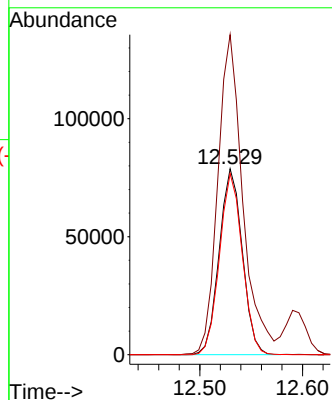
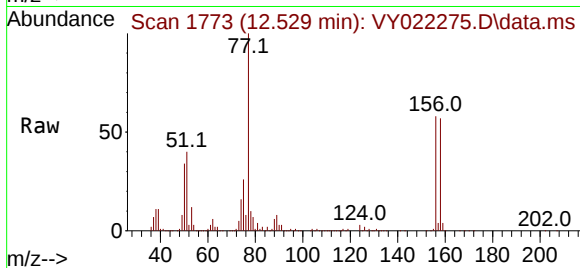
Tgt Ion:156 Resp: 122958

Ion Ratio Lower Upper

156 100

77 185.9 94.5 283.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 47.543 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022275.D

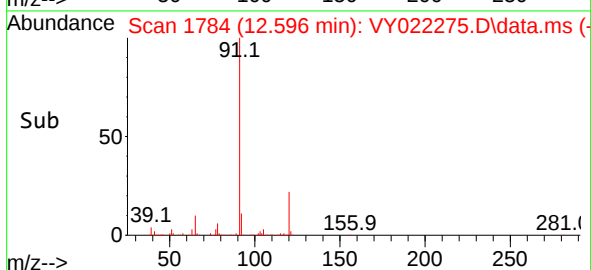
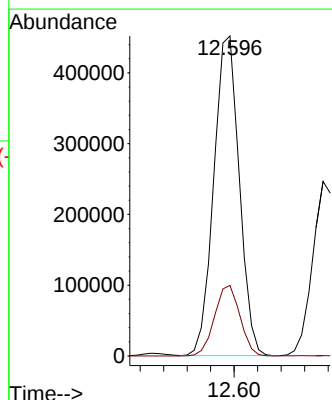
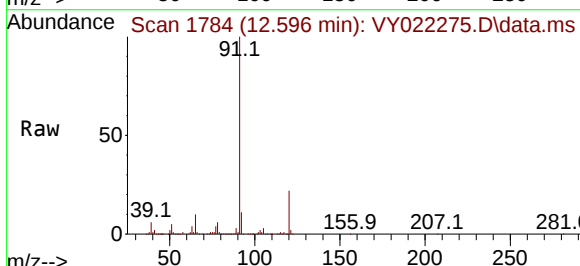
Acq: 15 May 2025 19:52

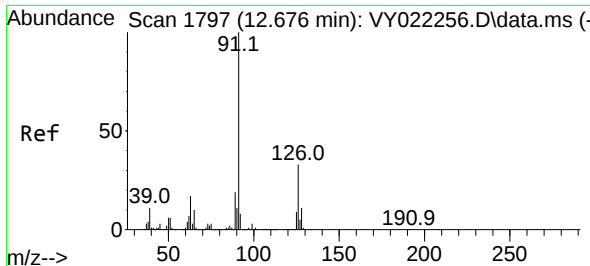
Tgt Ion: 91 Resp: 680966

Ion Ratio Lower Upper

91 100

120 22.0 11.1 33.3

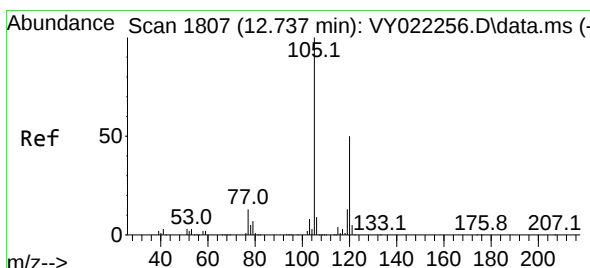
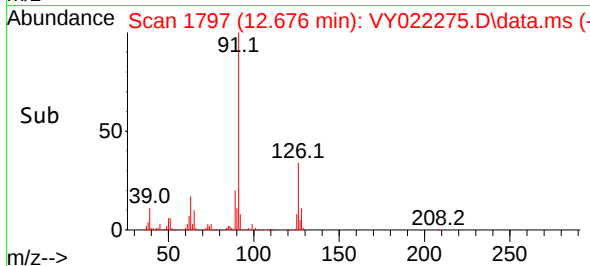
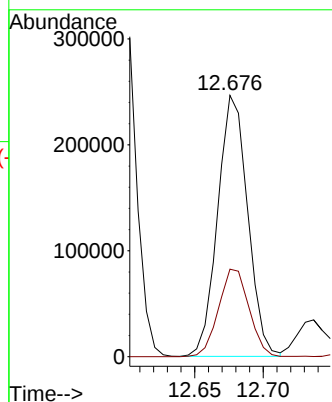
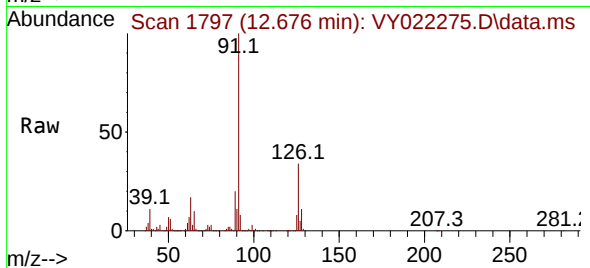




#79
2-Chlorotoluene
Concen: 47.755 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

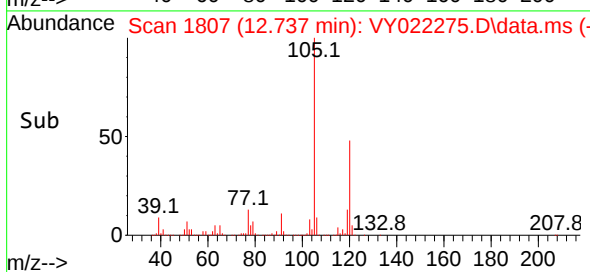
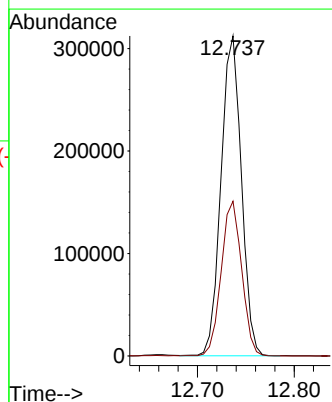
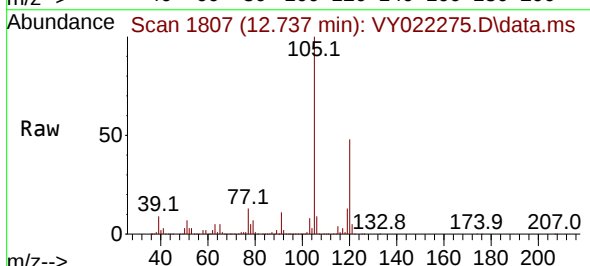
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

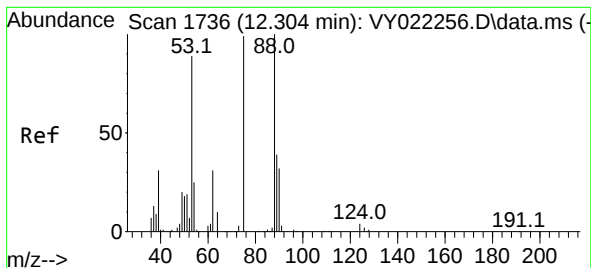
Tgt Ion: 91 Resp: 375886
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 47.548 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022275.D
Acq: 15 May 2025 19:52

Tgt Ion: 105 Resp: 455782
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

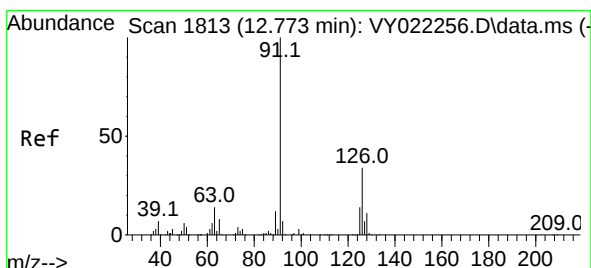
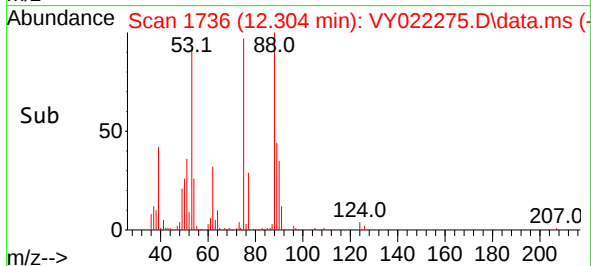
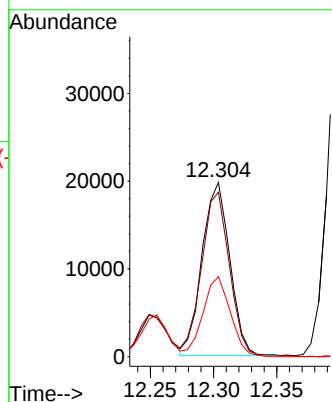
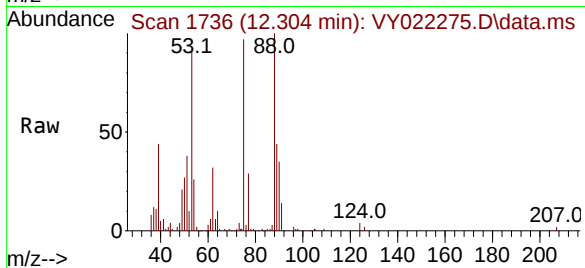




#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.006 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

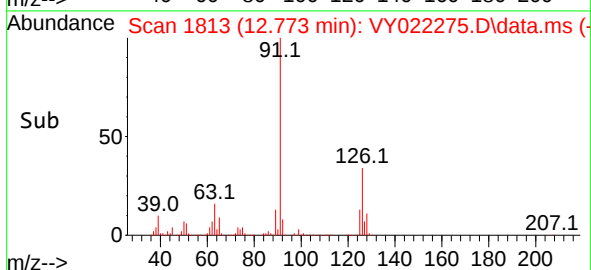
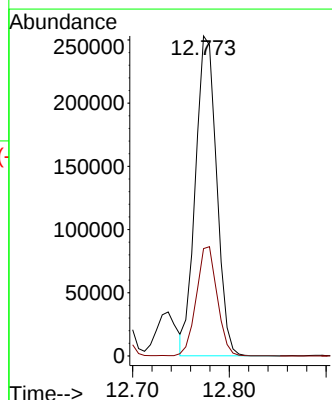
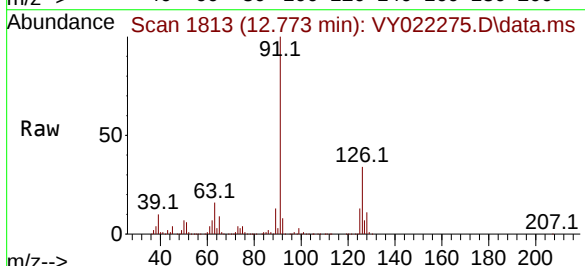
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

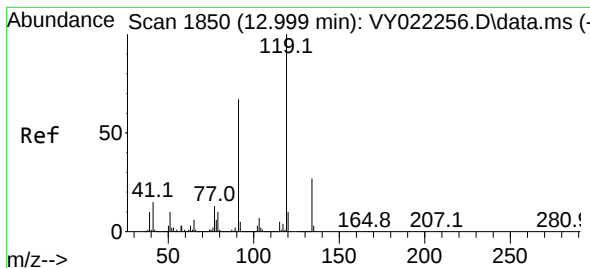
Tgt Ion: 75 Resp: 30112
 Ion Ratio Lower Upper
 75 100
 53 96.6 75.8 113.8
 89 45.8 36.2 54.2



#82
 4-Chlorotoluene
 Concen: 47.537 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VY022275.D
 Acq: 15 May 2025 19:52

Tgt Ion: 91 Resp: 384865
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 47.735 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

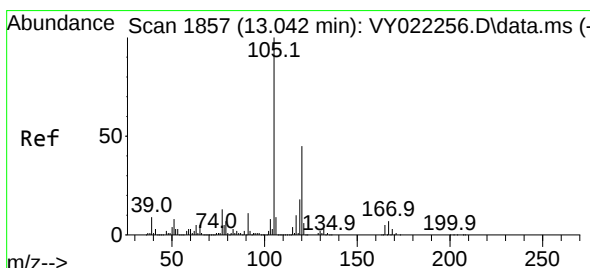
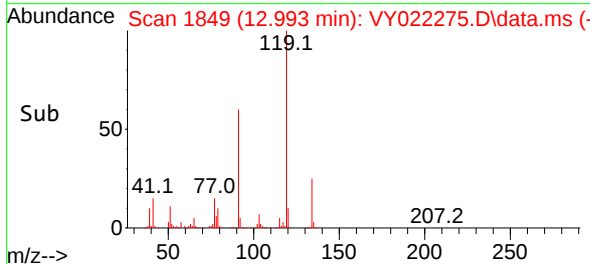
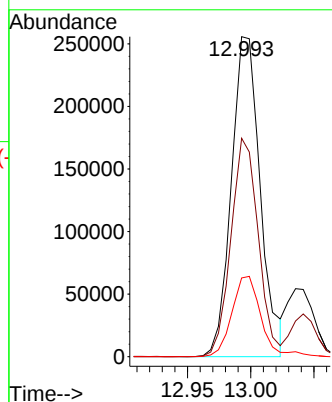
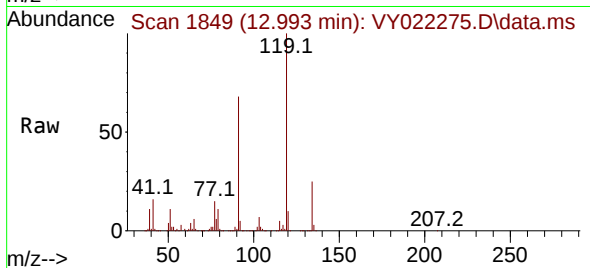
Tgt Ion:119 Resp: 406701

Ion Ratio Lower Upper

119 100

91 64.6 32.8 98.3

134 25.4 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 47.773 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022275.D

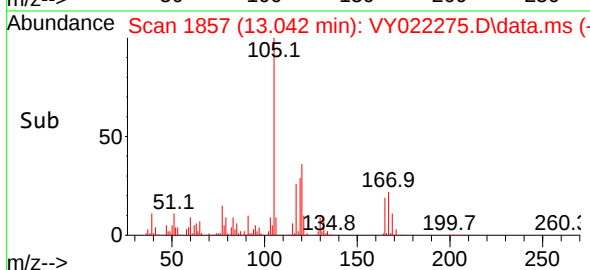
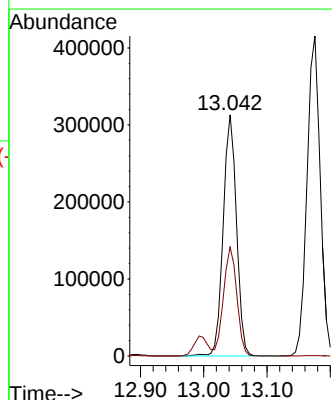
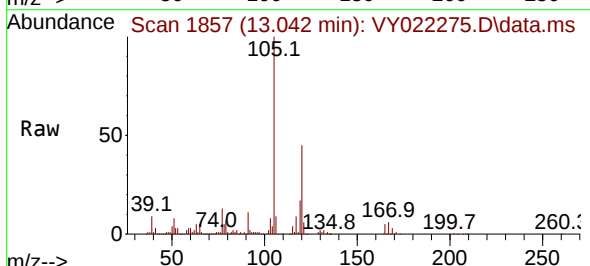
Acq: 15 May 2025 19:52

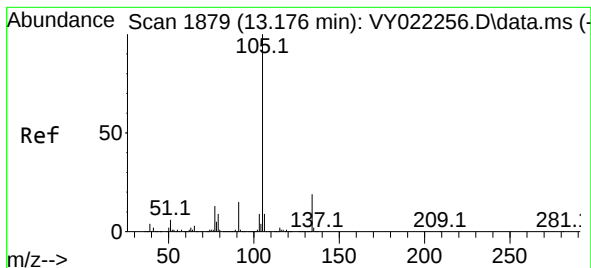
Tgt Ion:105 Resp: 454585

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.404 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

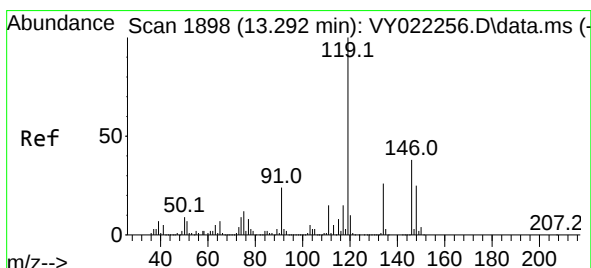
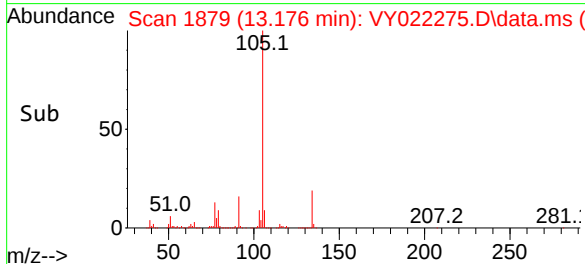
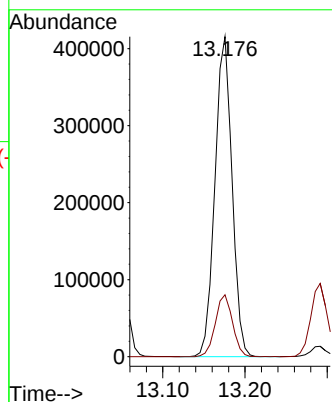
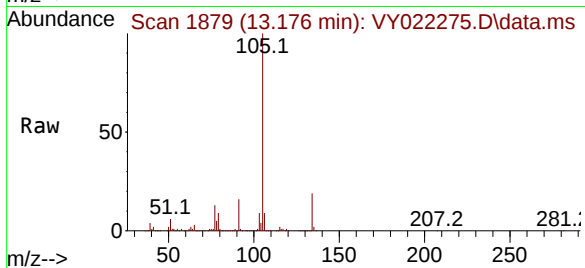
VSTDCCC050EC

Tgt Ion:105 Resp: 599530

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 47.362 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

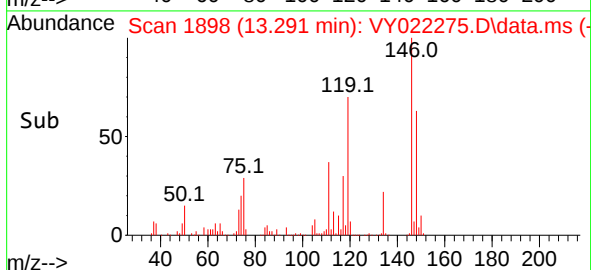
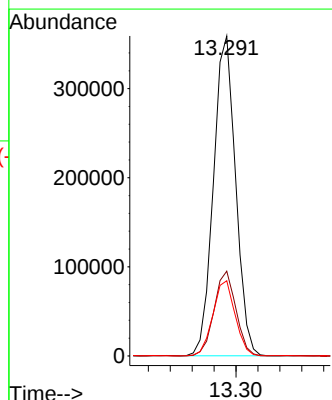
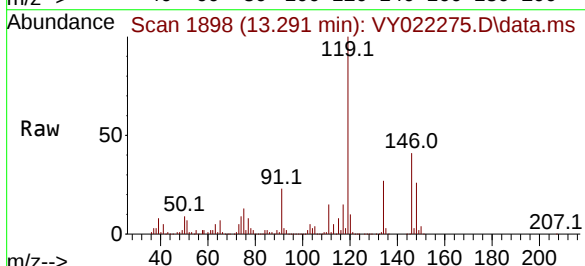
Tgt Ion:119 Resp: 503789

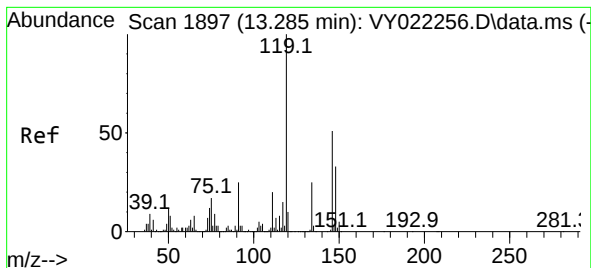
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.502 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

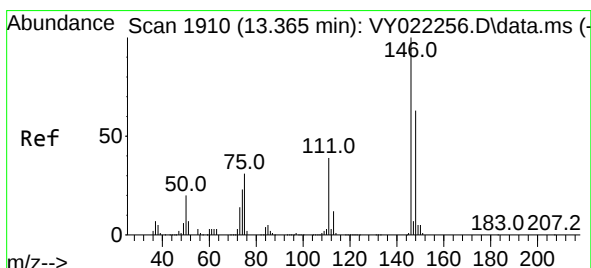
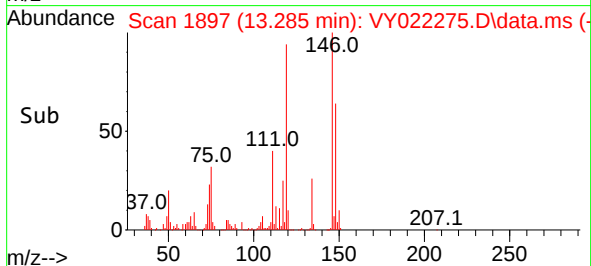
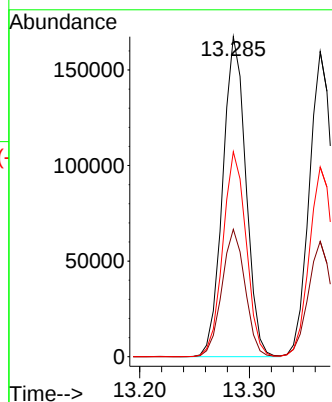
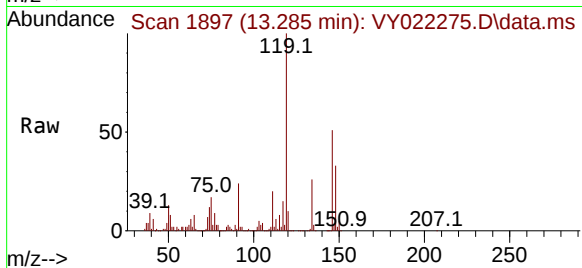
Tgt Ion:146 Resp: 245939

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 64.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.980 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

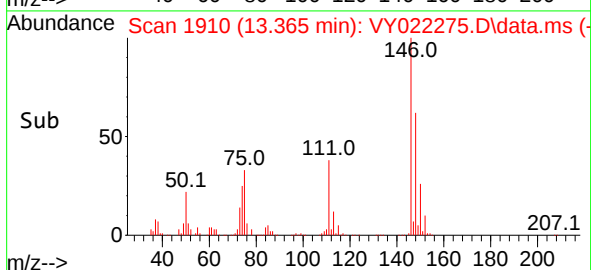
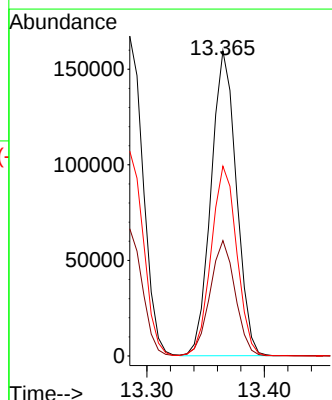
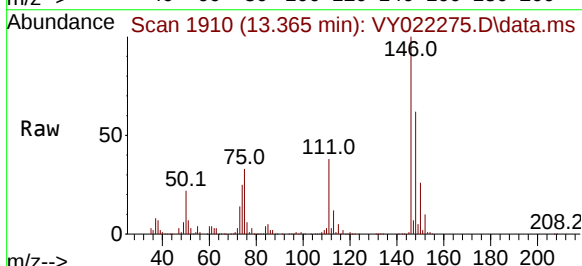
Tgt Ion:146 Resp: 238952

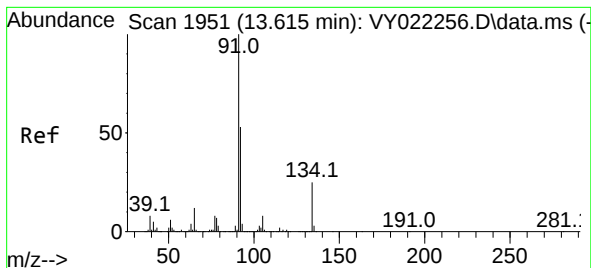
Ion Ratio Lower Upper

146 100

111 37.8 20.0 59.9

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 47.071 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

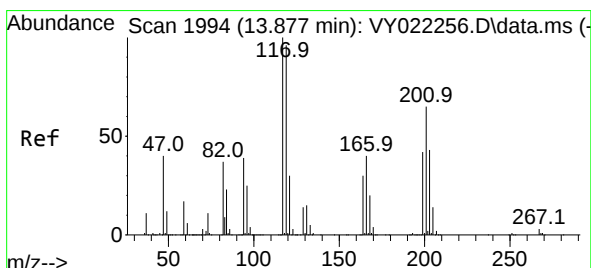
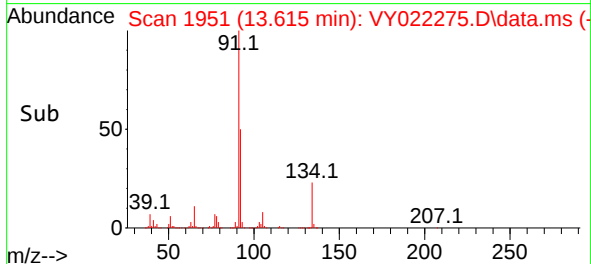
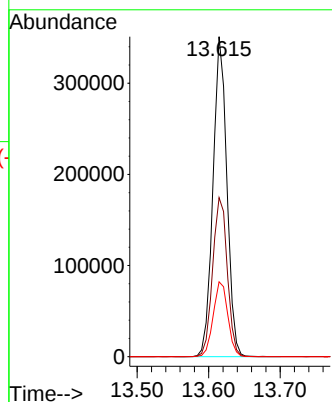
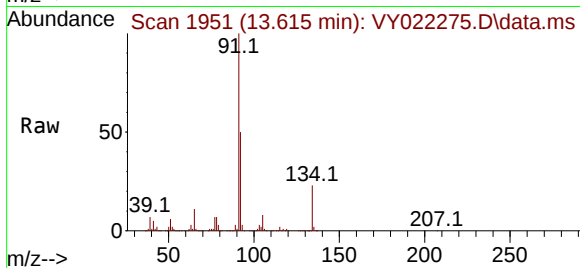
Tgt Ion: 91 Resp: 473672

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 24.6 12.4 37.4



#90

Hexachloroethane

Concen: 47.405 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022275.D

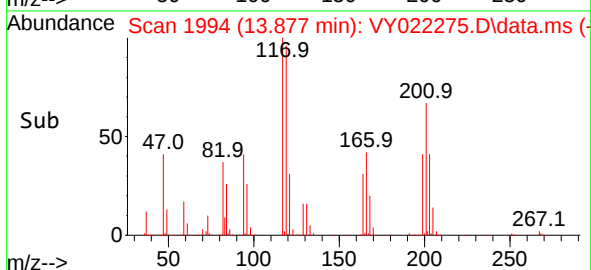
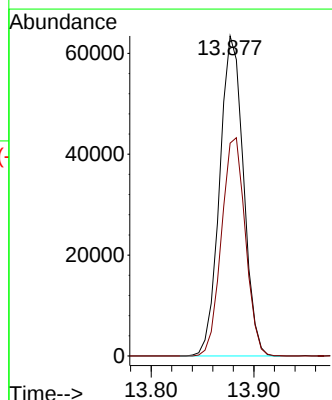
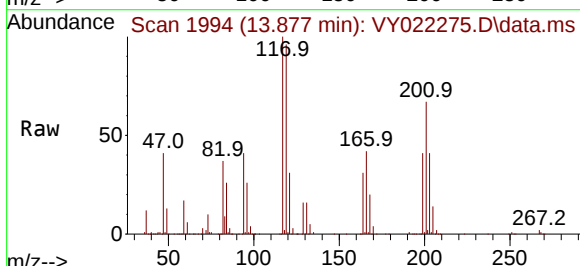
Acq: 15 May 2025 19:52

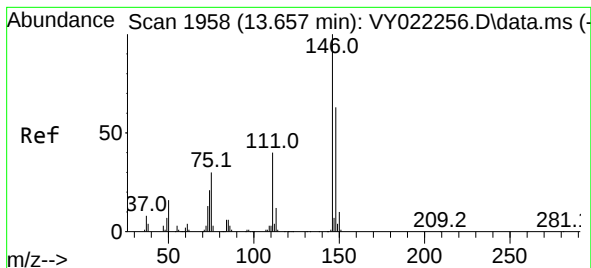
Tgt Ion: 117 Resp: 101787

Ion Ratio Lower Upper

117 100

201 68.6 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 48.631 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

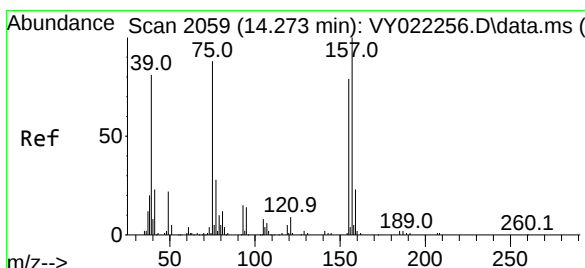
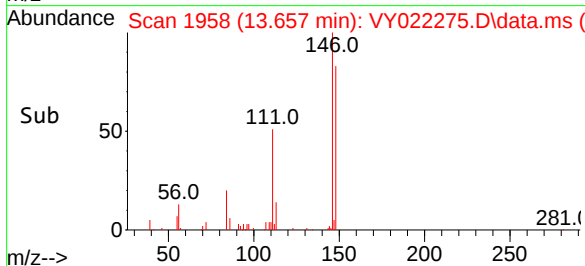
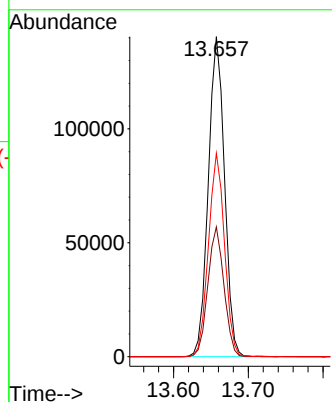
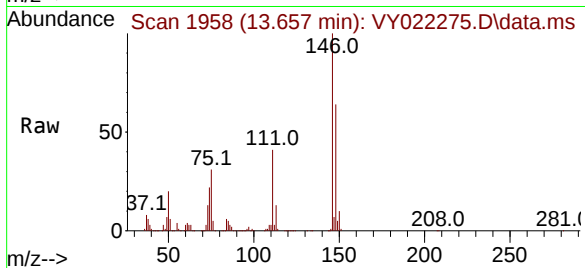
Tgt Ion:146 Resp: 211496

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

148 62.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.464 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

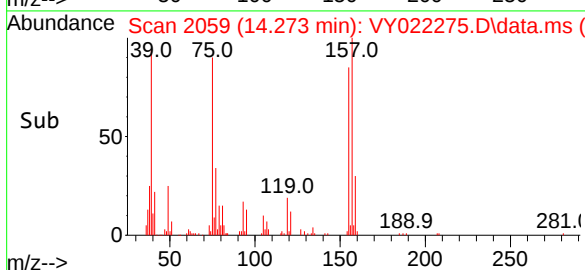
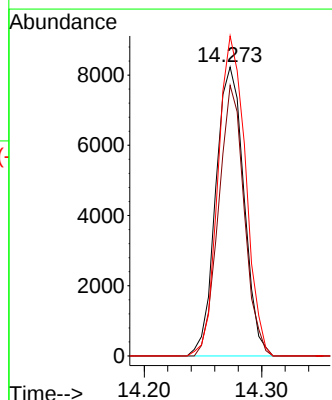
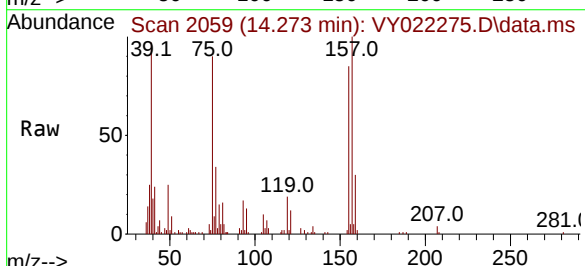
Tgt Ion: 75 Resp: 13683

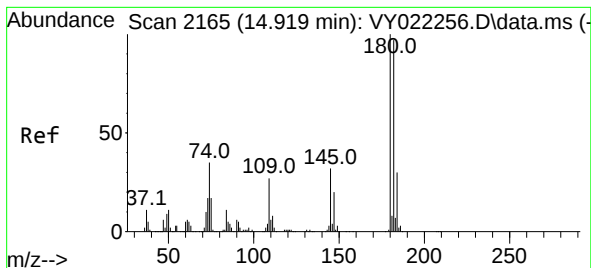
Ion Ratio Lower Upper

75 100

155 85.3 43.4 130.1

157 108.3 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.231 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

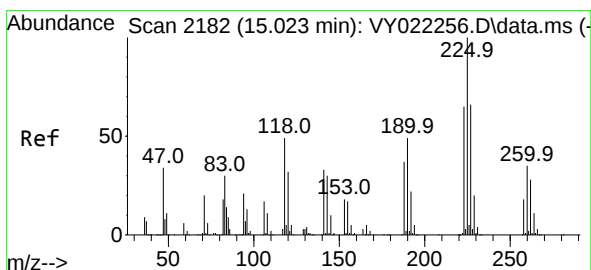
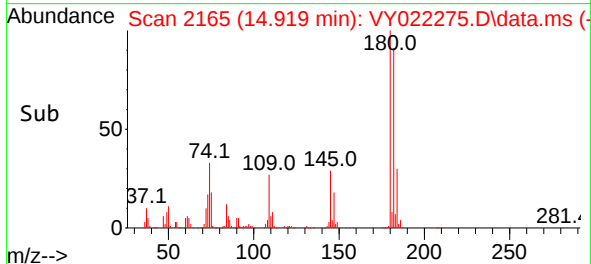
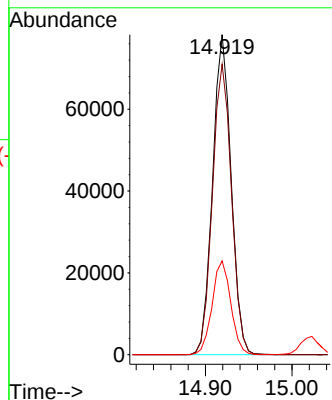
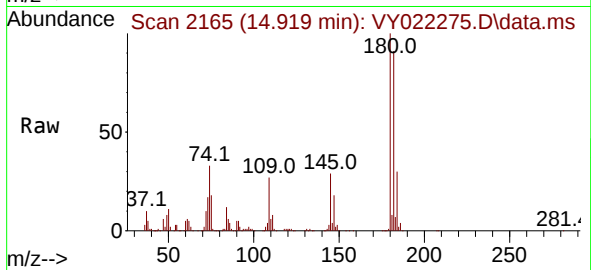
Tgt Ion:180 Resp: 116136

Ion Ratio Lower Upper

180 100

182 93.5 48.0 144.0

145 29.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 44.930 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

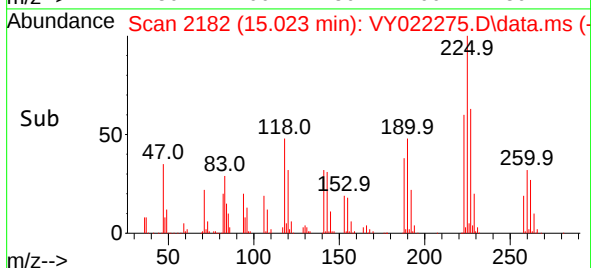
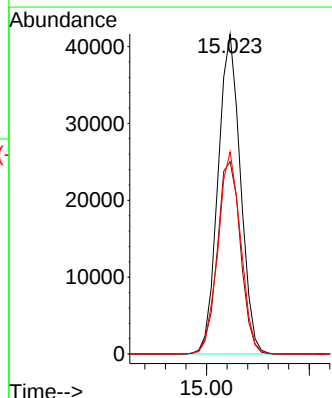
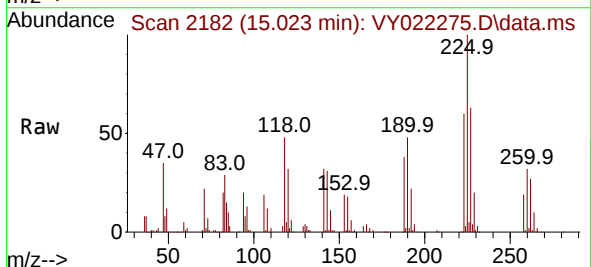
Tgt Ion:225 Resp: 62944

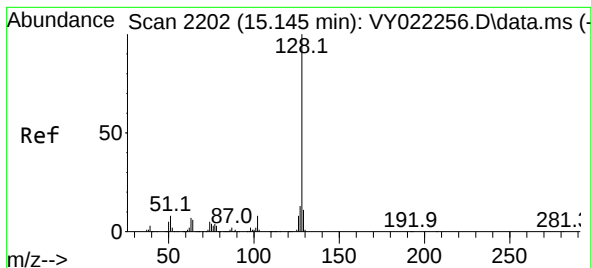
Ion Ratio Lower Upper

225 100

223 62.4 31.5 94.5

227 63.8 32.1 96.3





#95

Naphthalene

Concen: 46.015 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

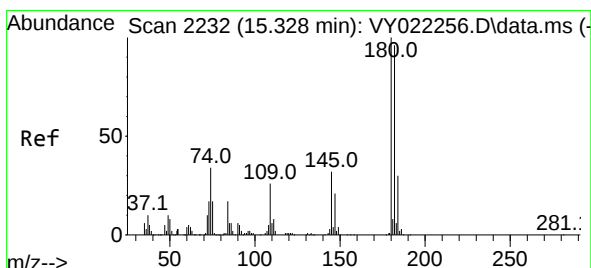
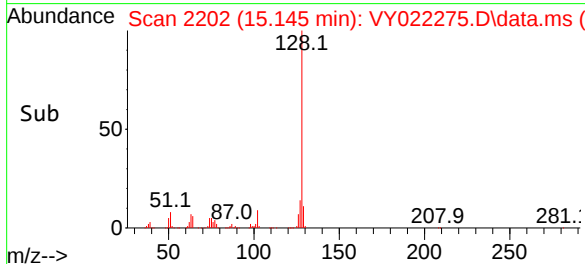
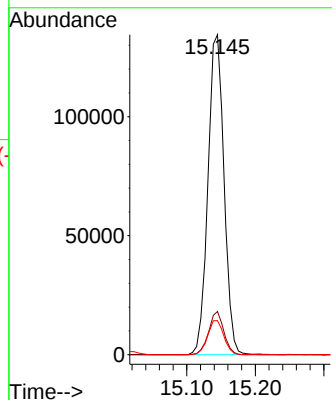
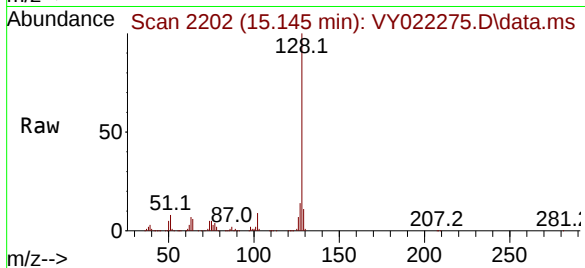
Tgt Ion:128 Resp: 219362

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.274 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022275.D

Acq: 15 May 2025 19:52

Tgt Ion:180 Resp: 98613

Ion Ratio Lower Upper

180 100

182 93.6 47.1 141.3

145 31.6 15.9 47.6

