

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022443.D
 Acq On : 28 May 2025 10:49
 Operator : SY/MD
 Sample : VY0528SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Quant Time: May 29 01:52:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	214074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	375533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	143884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119378	52.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.880%	
35) Dibromofluoromethane	7.634	113	109564	49.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.640%	
50) Toluene-d8	10.109	98	451614	50.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	12.408	95	131082	48.336	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47903	23.454	ug/l	99
3) Chloromethane	2.068	50	105455	20.991	ug/l	97
4) Vinyl Chloride	2.202	62	141477	23.181	ug/l	100
5) Bromomethane	2.592	94	130440	23.519	ug/l	99
6) Chloroethane	2.733	64	98218	24.627	ug/l	98
7) Trichlorofluoromethane	3.050	101	124367	24.152	ug/l	97
8) Diethyl Ether	3.458	74	26315	22.163	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	51475	22.785	ug/l	98
10) Methyl Iodide	4.007	142	53481	20.984	ug/l	98
11) Tert butyl alcohol	4.872	59	16343	102.826	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	49593	22.111	ug/l	98
13) Acrolein	3.659	56	23906	100.383	ug/l	97
14) Allyl chloride	4.385	41	74063	21.952	ug/l	97
15) Acrylonitrile	5.061	53	51879	108.400	ug/l	99
16) Acetone	3.879	43	44334	119.651	ug/l #	90
17) Carbon Disulfide	4.104	76	160294	22.395	ug/l	99
18) Methyl Acetate	4.379	43	29763	21.443	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	127818	21.465	ug/l	97
20) Methylene Chloride	4.616	84	59867	22.881	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	53739	21.947	ug/l	99
22) Diisopropyl ether	6.025	45	162362	21.805	ug/l	96
23) Vinyl Acetate	5.964	43	460750	107.765	ug/l	99
24) 1,1-Dichloroethane	5.915	63	98399	22.363	ug/l	99
25) 2-Butanone	6.896	43	66324	107.480	ug/l	99
26) 2,2-Dichloropropane	6.884	77	87685	22.009	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	61602	21.732	ug/l	98
28) Bromochloromethane	7.244	49	40908	22.265	ug/l	100
29) Tetrahydrofuran	7.262	42	43768	106.350	ug/l	98
30) Chloroform	7.427	83	96939	22.359	ug/l	97
31) Cyclohexane	7.701	56	93841	21.636	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	87441	22.222	ug/l	99
36) 1,1-Dichloropropene	7.835	75	73912	21.179	ug/l	97
37) Ethyl Acetate	6.982	43	31160	21.010	ug/l	98
38) Carbon Tetrachloride	7.817	117	75537	20.778	ug/l	96
39) Methylcyclohexane	9.109	83	94687	20.411	ug/l	94
40) Benzene	8.079	78	222559	21.432	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	25895	28.767	ug/l #	51
42) 1,2-Dichloroethane	8.158	62	56869	20.736	ug/l	99
43) Isopropyl Acetate	8.201	43	65272	20.140	ug/l #	88
44) Trichloroethene	8.866	130	53773	20.947	ug/l	94
45) 1,2-Dichloropropane	9.140	63	51026	20.914	ug/l	94
46) Dibromomethane	9.231	93	28390	20.830	ug/l	99
47) Bromodichloromethane	9.426	83	74007	21.115	ug/l	99
48) Methyl methacrylate	9.225	41	29434	19.565	ug/l	96
49) 1,4-Dioxane	9.231	88	5984	397.499	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	160007	100.063	ug/l	99
52) Toluene	10.170	92	135436	20.881	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	66185	20.273	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	79861	20.818	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	35441	20.567	ug/l	97
56) Ethyl methacrylate	10.438	69	48579	19.645	ug/l	96
57) 1,3-Dichloropropane	10.719	76	62079	20.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	119142	96.671	ug/l	99
59) 2-Hexanone	10.762	43	103695	98.951	ug/l	98
60) Dibromochloromethane	10.908	129	44608	20.265	ug/l	98
61) 1,2-Dibromoethane	11.018	107	32169	20.411	ug/l	99
64) Tetrachloroethene	10.646	164	56670	21.086	ug/l	93
65) Chlorobenzene	11.444	112	138439	20.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	46670	20.471	ug/l	99
67) Ethyl Benzene	11.518	91	254095	20.337	ug/l	100
68) m/p-Xylenes	11.627	106	191217	40.366	ug/l	100
69) o-Xylene	11.957	106	91063	20.454	ug/l	99
70) Styrene	11.969	104	149257	20.134	ug/l	98
71) Bromoform	12.133	173	23341	19.546	ug/l #	99
73) Isopropylbenzene	12.255	105	237313	20.956	ug/l	100
74) N-amyl acetate	12.072	43	56709	20.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	36700	20.570	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	52497	36.425	ug/l #	100
77) Bromobenzene	12.530	156	50154	20.581	ug/l	97
78) n-propylbenzene	12.597	91	288630	21.239	ug/l	99
79) 2-Chlorotoluene	12.676	91	154312	20.976	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	187176	21.154	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13050	20.477	ug/l	95
82) 4-Chlorotoluene	12.780	91	158567	20.929	ug/l	100
83) tert-Butylbenzene	12.999	119	169558	21.210	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	183737	20.635	ug/l	100
85) sec-Butylbenzene	13.176	105	257092	21.685	ug/l	99
86) p-Isopropyltoluene	13.292	119	205559	20.763	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	101221	20.643	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	99007	21.117	ug/l	98
89) n-Butylbenzene	13.615	91	201335	21.690	ug/l	100
90) Hexachloroethane	13.877	117	40971	20.796	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	87029	21.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	5583	20.250	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	48345	21.293	ug/l	94
94) Hexachlorobutadiene	15.023	225	26687	22.397	ug/l	96
95) Naphthalene	15.145	128	89195	21.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	40843	21.934	ug/l	98

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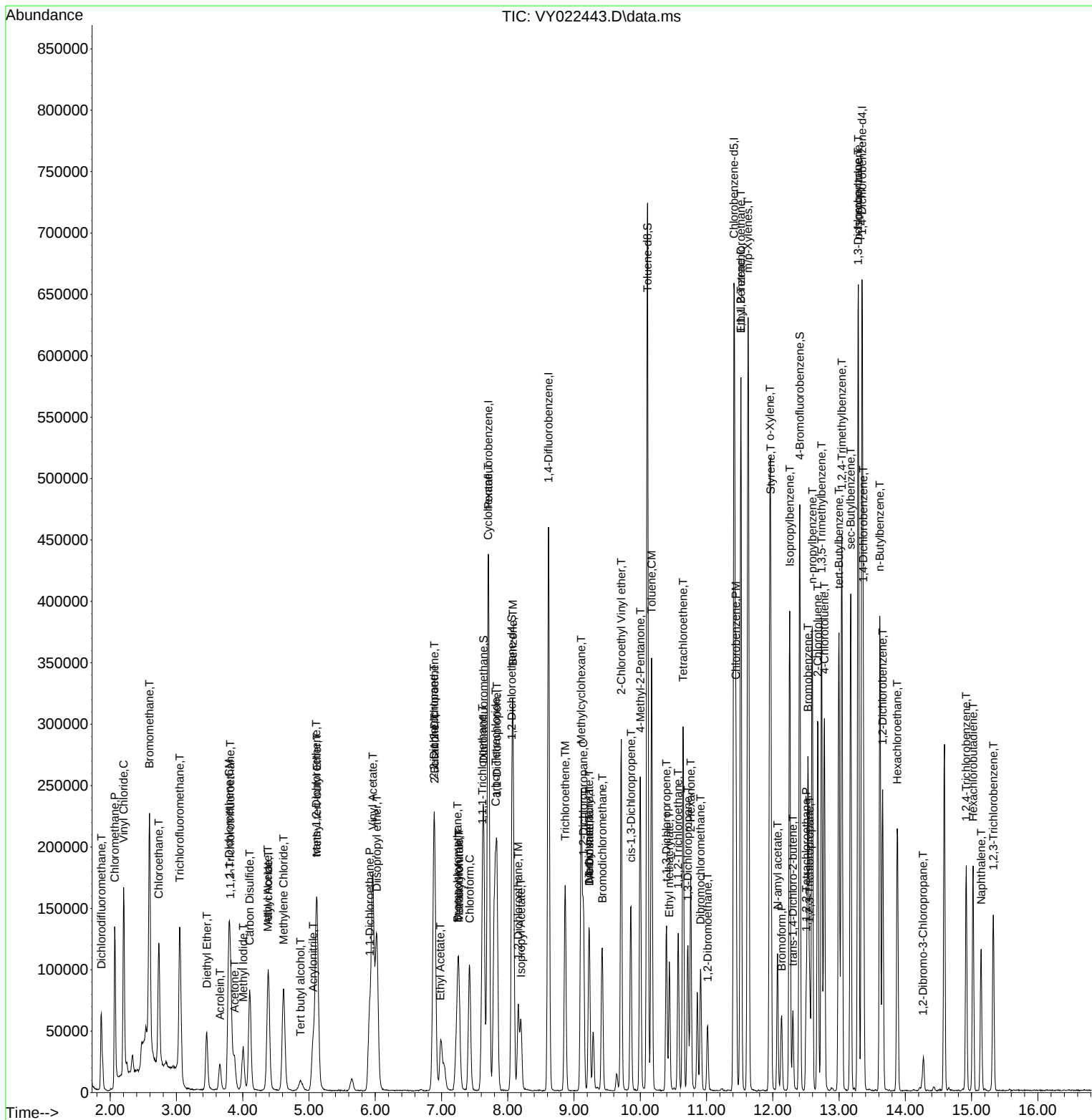
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

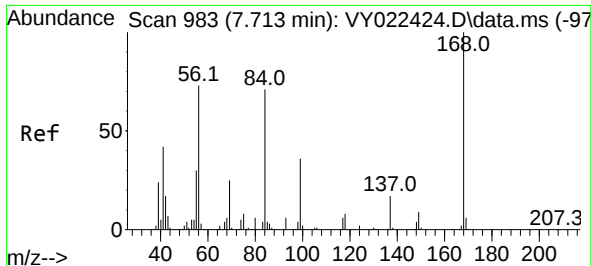
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Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

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

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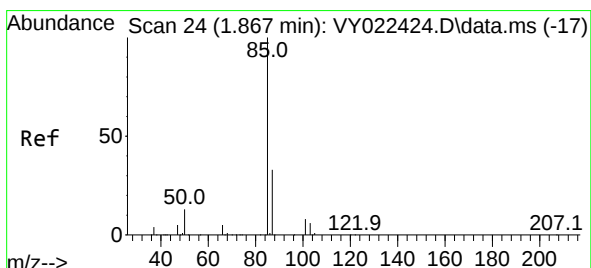
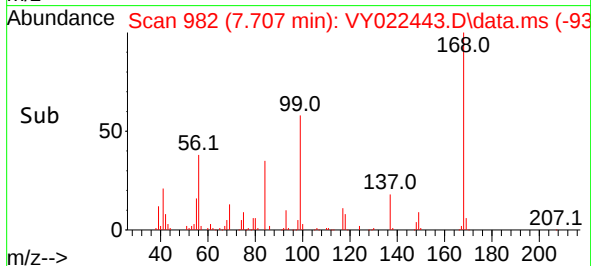
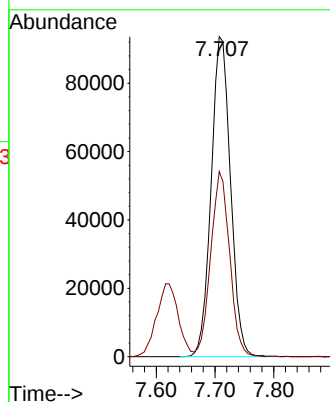
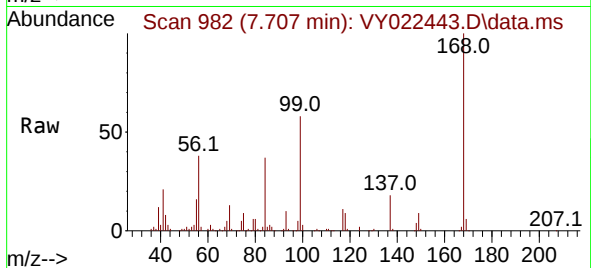




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

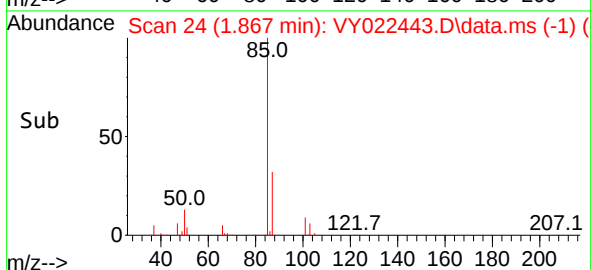
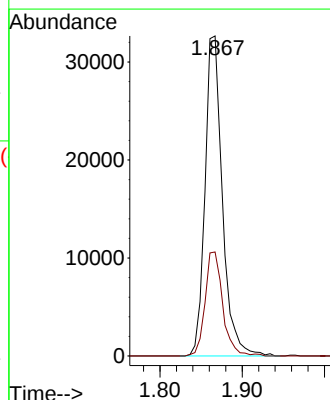
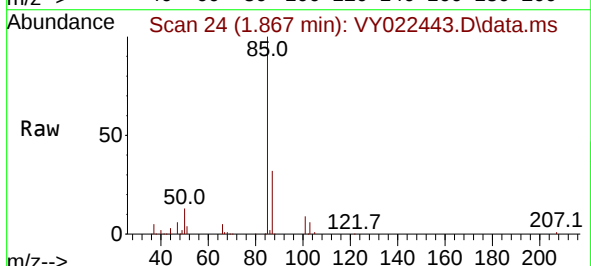
Instrument :
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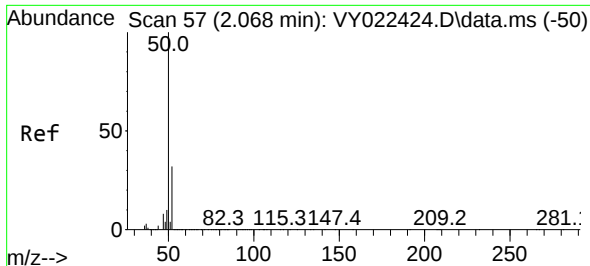
Tgt Ion:168 Resp: 214074
Ion Ratio Lower Upper
168 100
99 57.8 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 23.454 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 85 Resp: 47903
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2

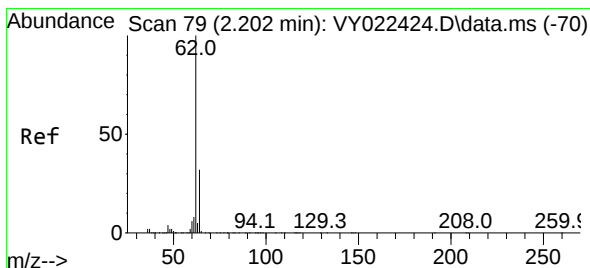
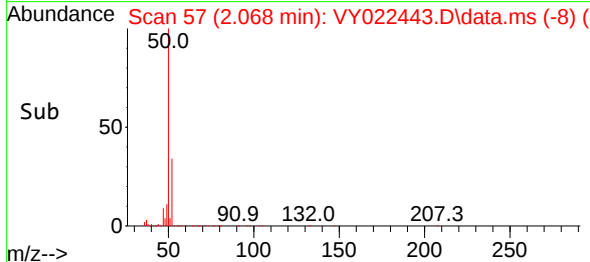
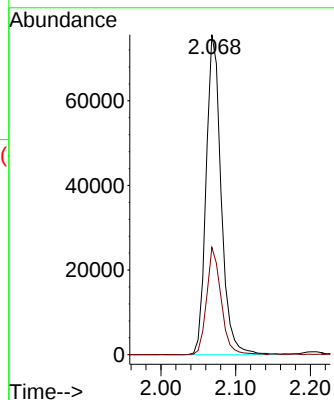
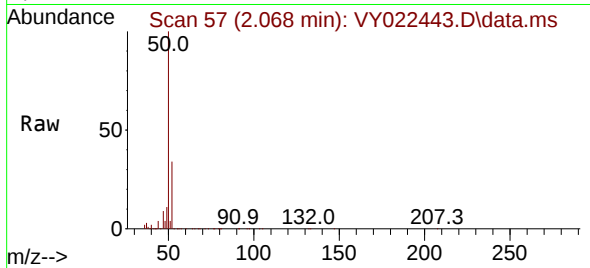




#3
Chloromethane
Concen: 20.991 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

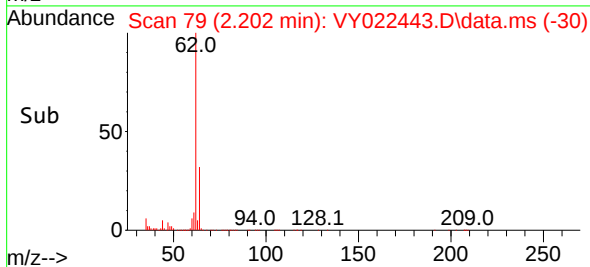
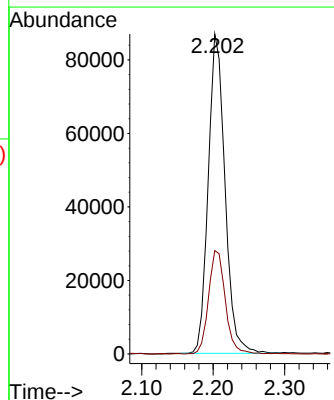
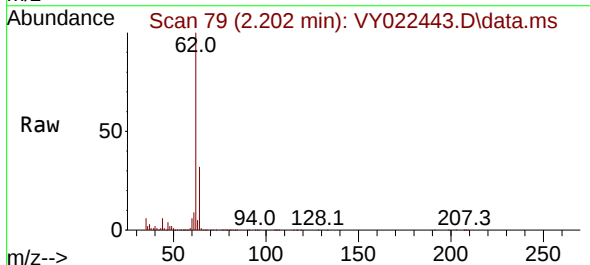
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ClientSampleId :
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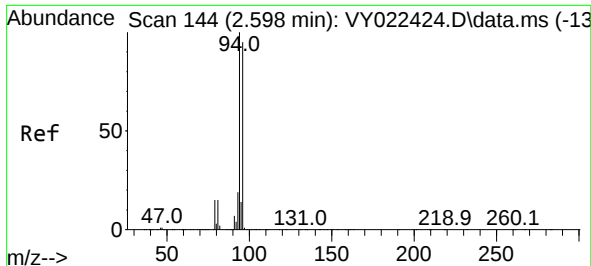
Tgt Ion: 50 Resp: 105455
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3



#4
Vinyl Chloride
Concen: 23.181 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 62 Resp: 141477
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

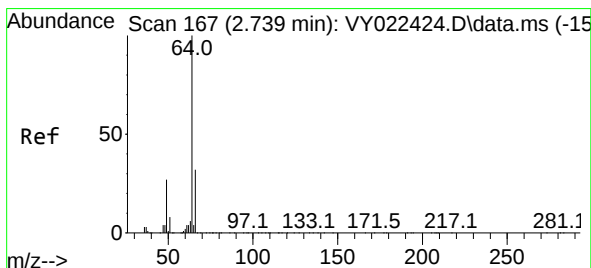
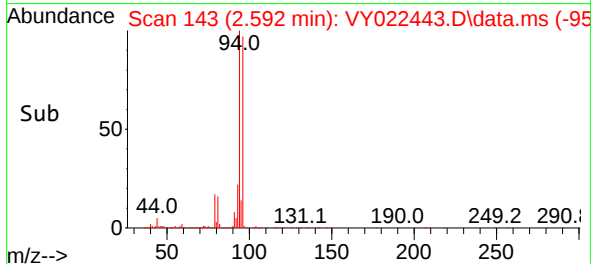
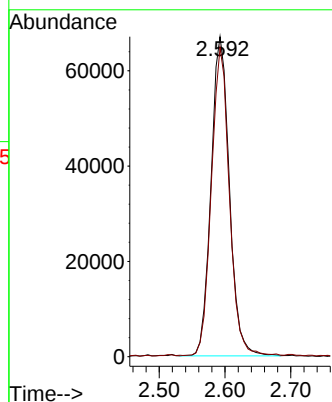
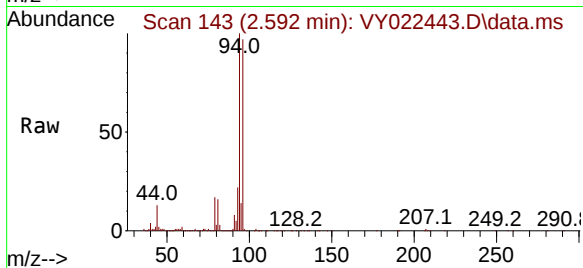




#5
Bromomethane
Concen: 23.519 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

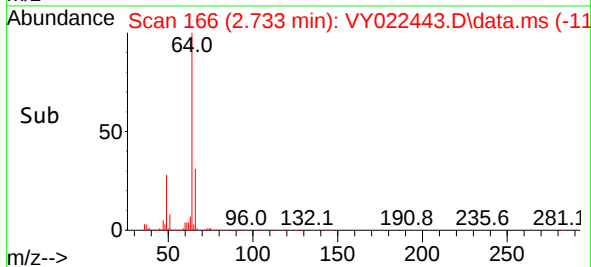
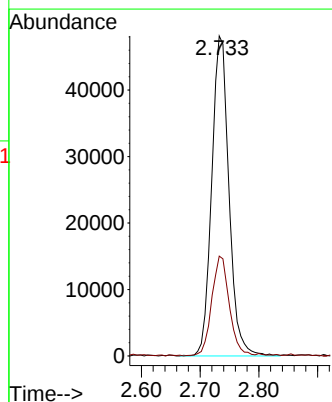
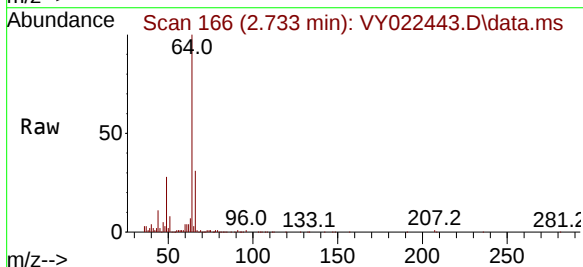
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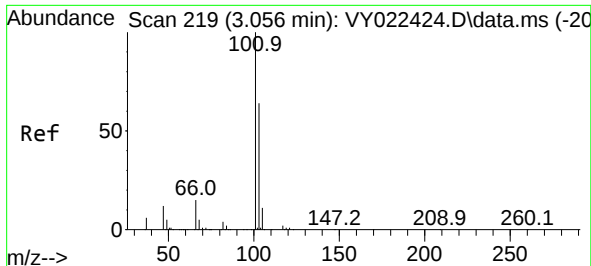
Tgt Ion: 94 Resp: 130440
Ion Ratio Lower Upper
94 100
96 96.4 76.0 114.0



#6
Chloroethane
Concen: 24.627 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 64 Resp: 98218
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9

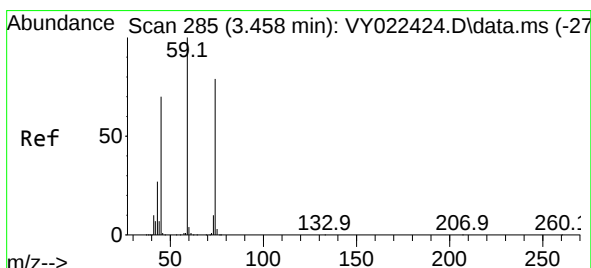
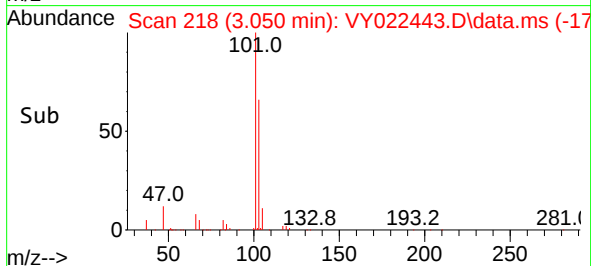
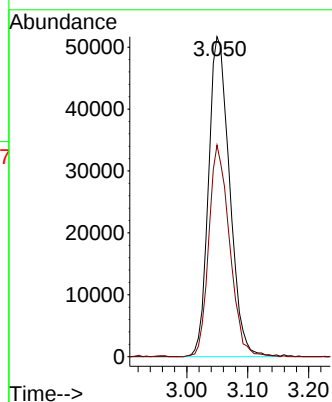
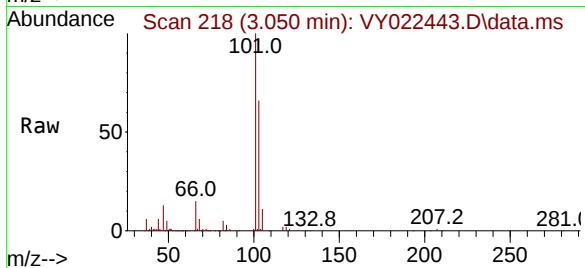




#7
 Trichlorofluoromethane
 Concen: 24.152 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

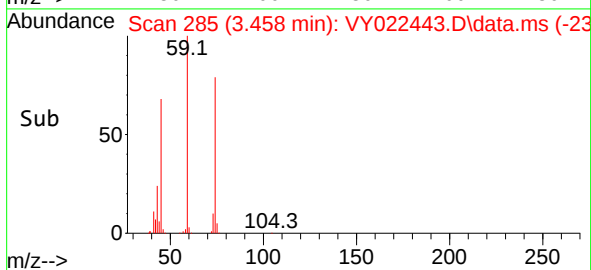
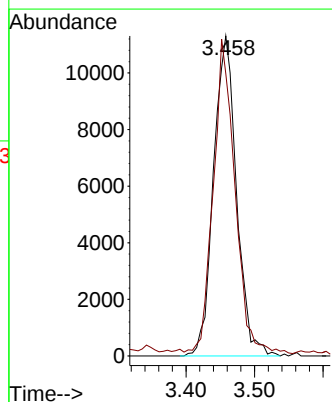
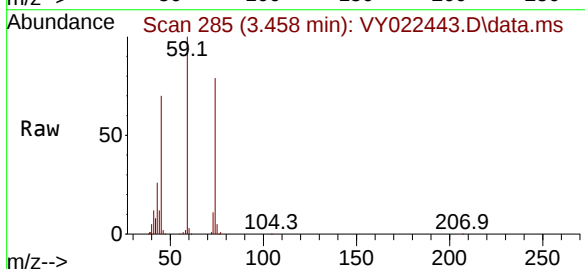
Instrument :
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 ClientSampleId :
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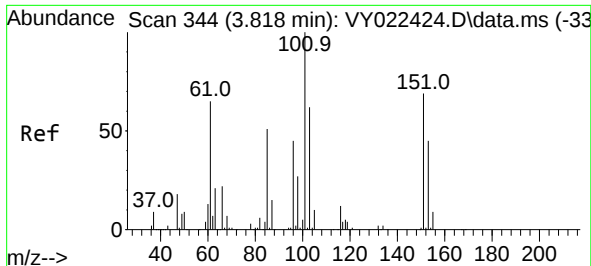
Tgt Ion:101 Resp: 124367
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.9 76.3



#8
 Diethyl Ether
 Concen: 22.163 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022443.D
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Tgt Ion: 74 Resp: 26315
 Ion Ratio Lower Upper
 74 100
 45 92.9 44.9 134.5

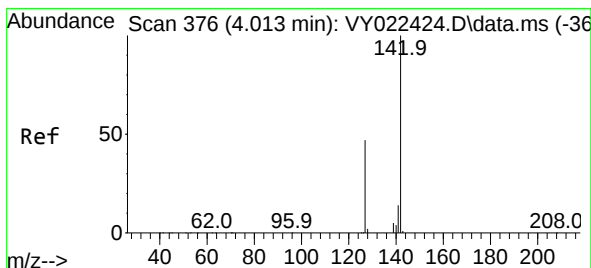
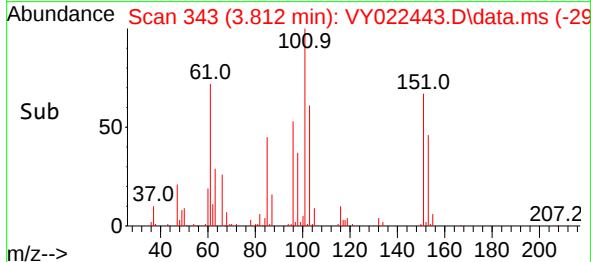
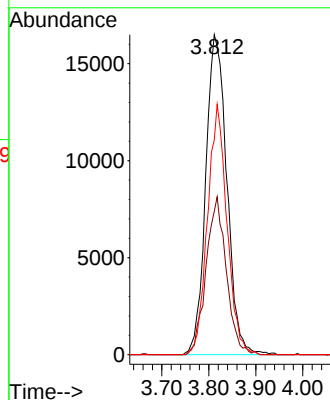
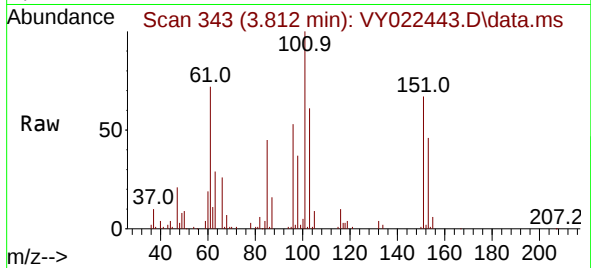




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.785 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

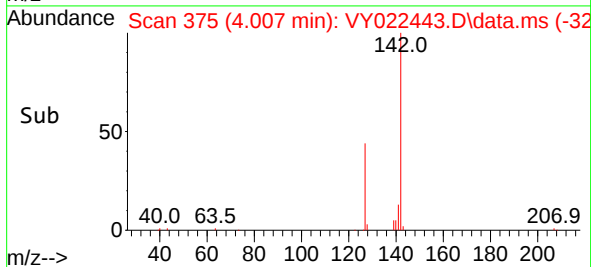
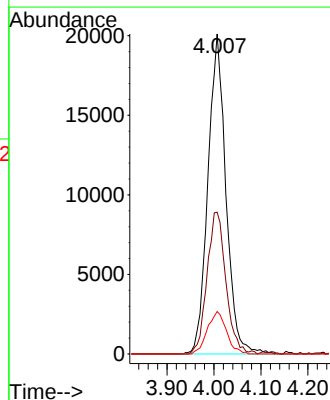
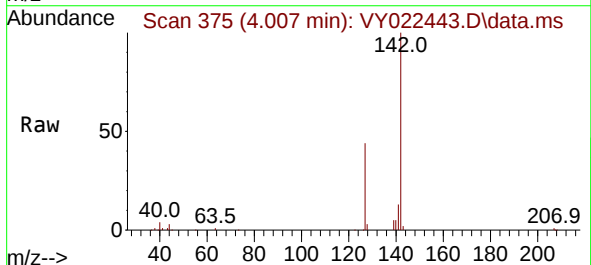
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

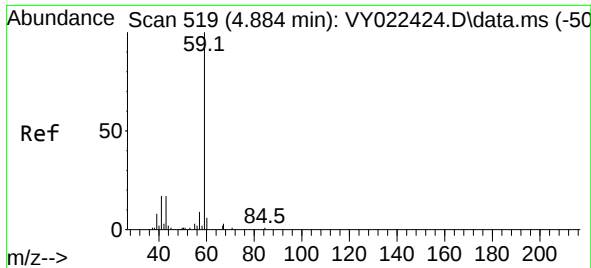
Tgt Ion:101 Resp: 51475
Ion Ratio Lower Upper
101 100
85 47.3 39.2 58.8
151 72.1 58.8 88.2



#10
Methyl Iodide
Concen: 20.984 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion:142 Resp: 53481
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.4
141 14.1 11.6 17.4

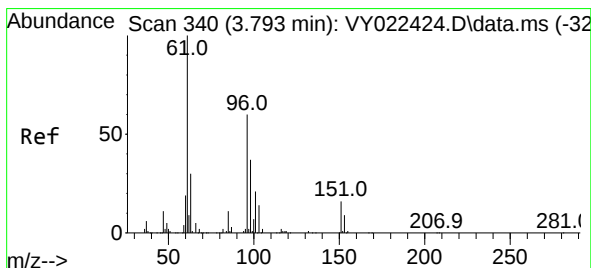
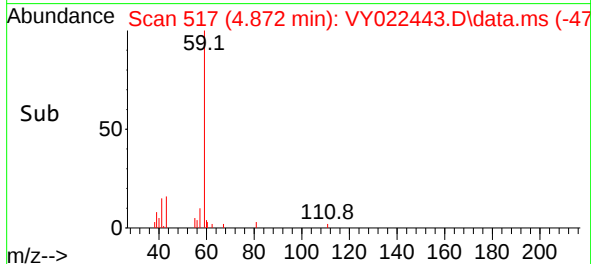
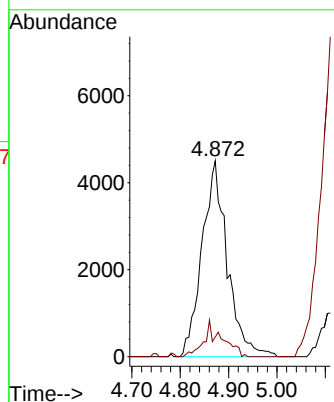
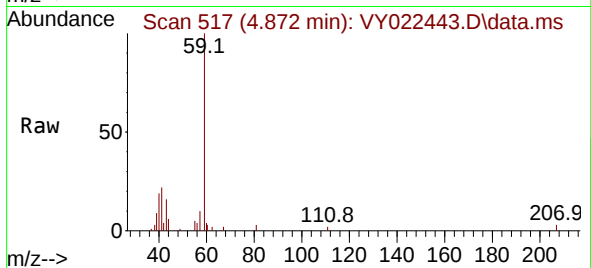




#11
Tert butyl alcohol
Concen: 102.826 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

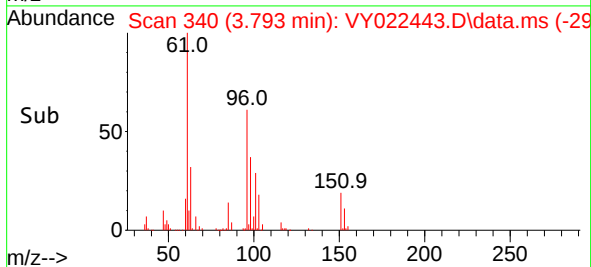
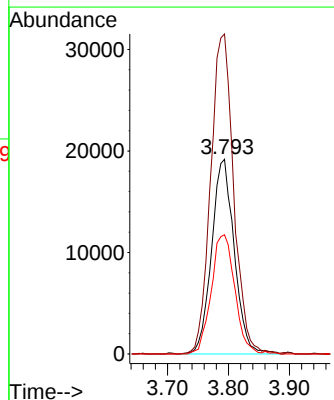
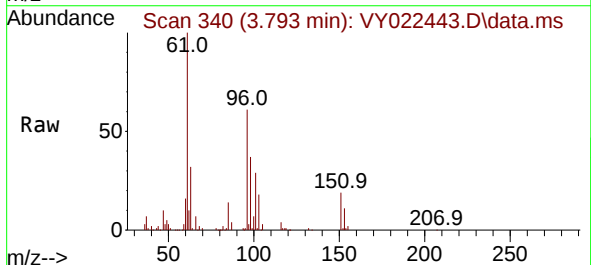
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

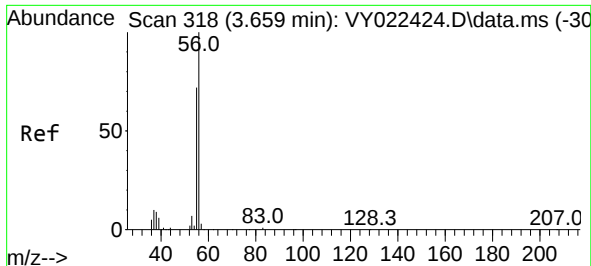
Tgt Ion: 59 Resp: 16343
Ion Ratio Lower Upper
59 100
57 7.1 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 22.111 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 96 Resp: 49593
Ion Ratio Lower Upper
96 100
61 164.3 134.1 201.1
98 61.2 50.2 75.2

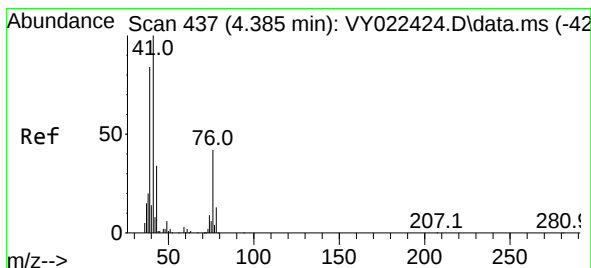
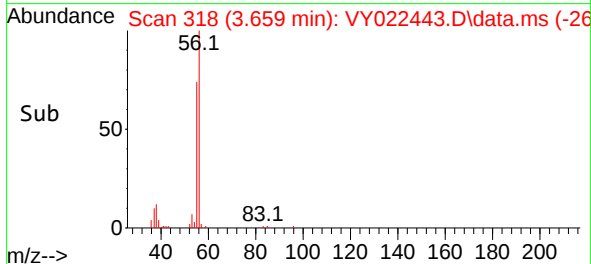
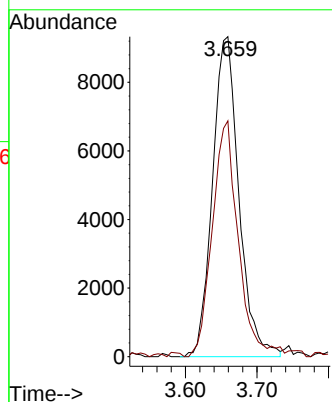
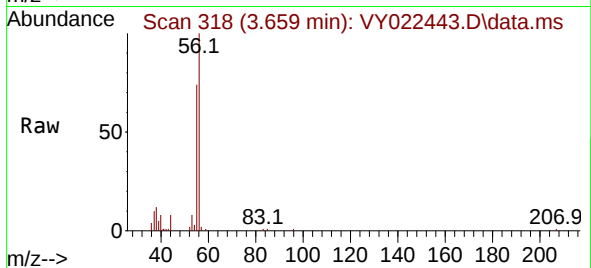




#13
Acrolein
Concen: 100.383 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

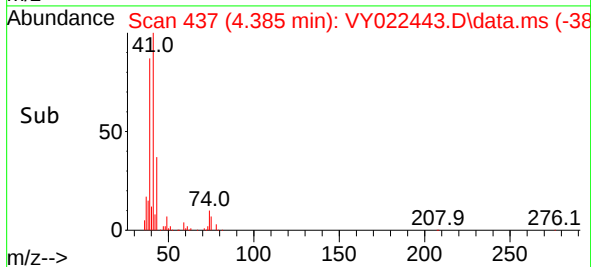
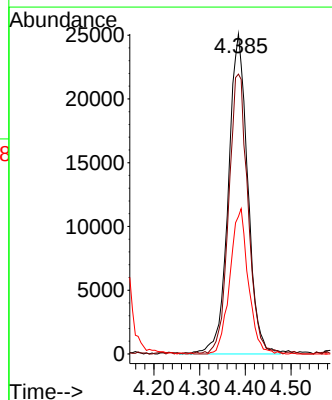
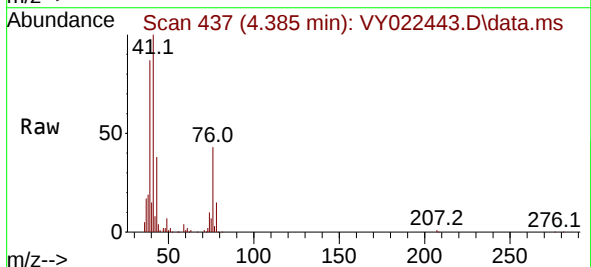
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

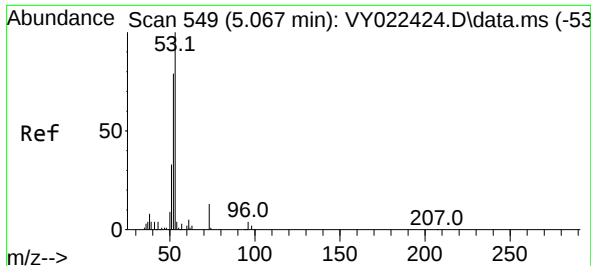
Tgt Ion: 56 Resp: 23906
Ion Ratio Lower Upper
56 100
55 72.8 56.5 84.7



#14
Allyl chloride
Concen: 21.952 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

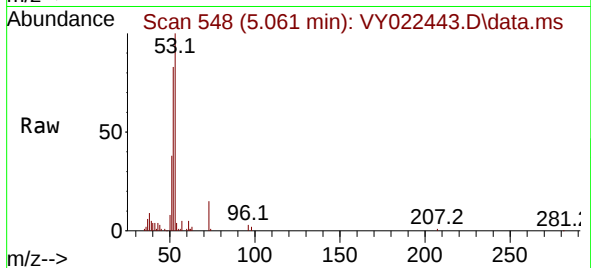
Tgt Ion: 41 Resp: 74063
Ion Ratio Lower Upper
41 100
39 86.7 66.6 100.0
76 43.0 33.7 50.5



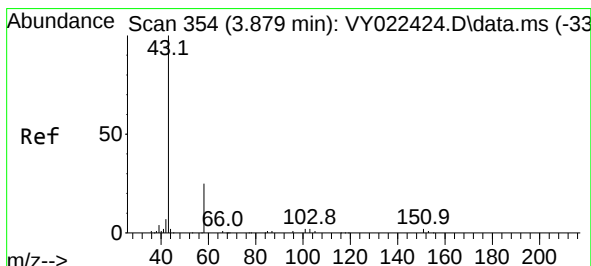
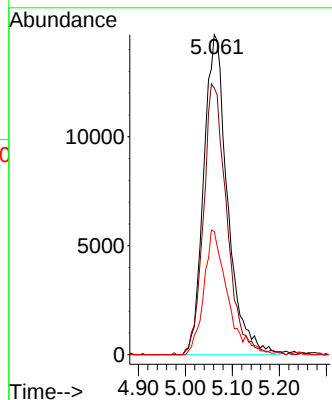
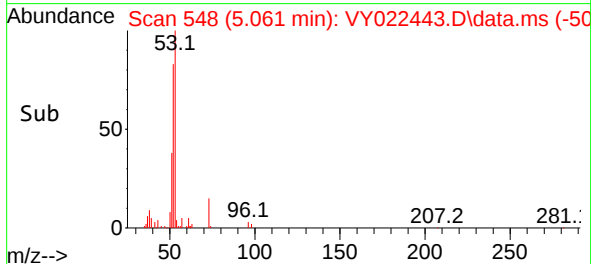


#15
Acrylonitrile
Concen: 108.400 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

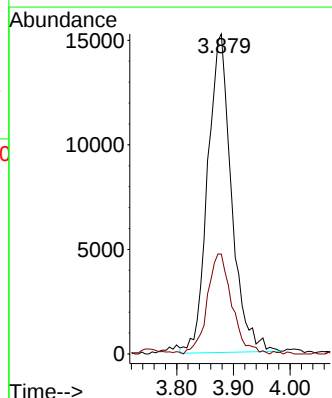
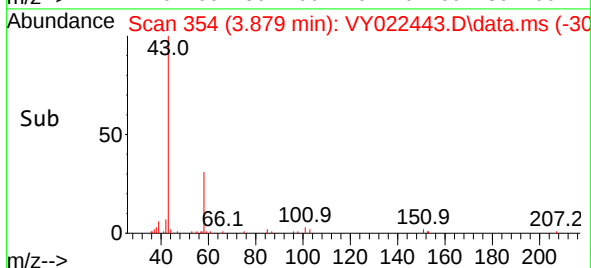
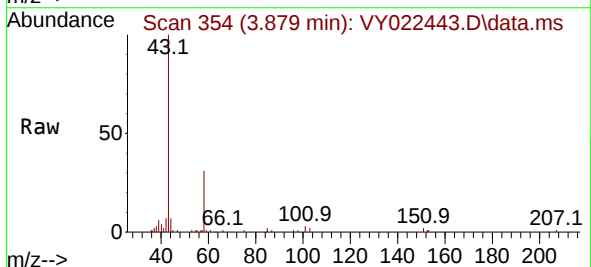


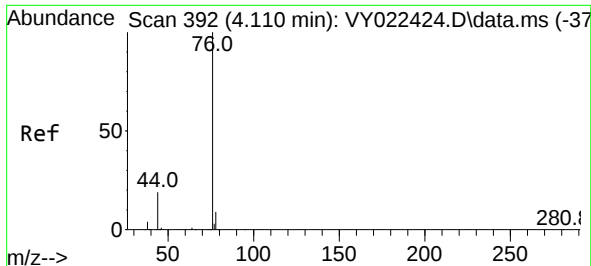
Tgt Ion: 53 Resp: 51879
Ion Ratio Lower Upper
53 100
52 82.1 65.1 97.7
51 38.6 30.0 45.0



#16
Acetone
Concen: 119.651 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 43 Resp: 44334
Ion Ratio Lower Upper
43 100
58 30.9 20.6 30.8#

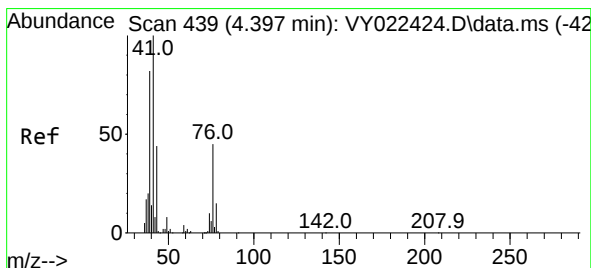
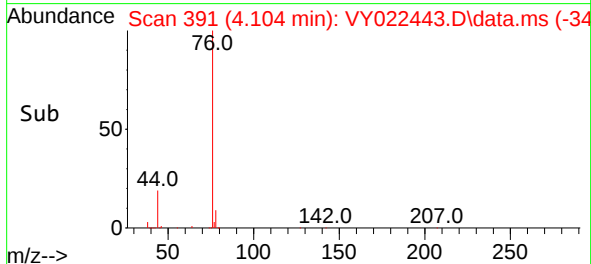
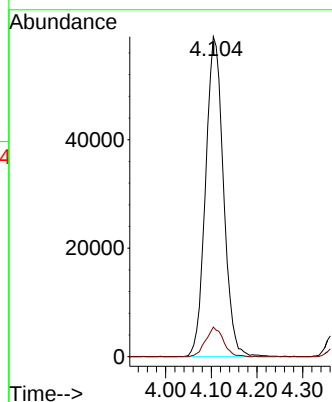
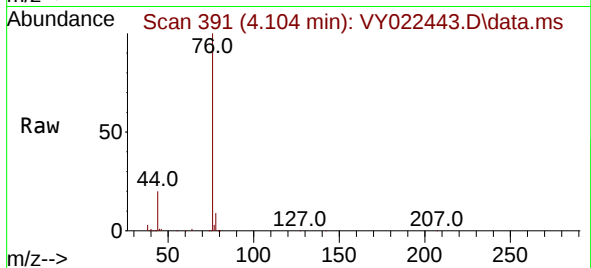




#17
Carbon Disulfide
Concen: 22.395 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

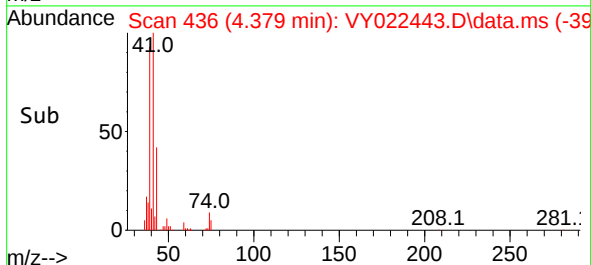
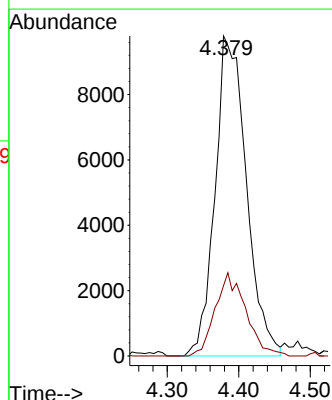
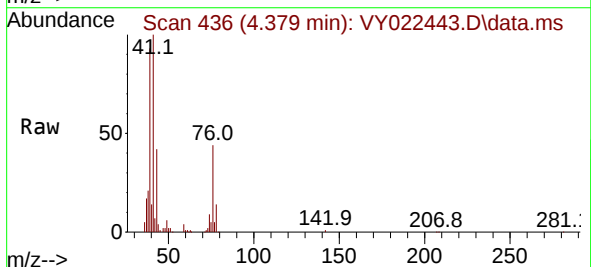
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

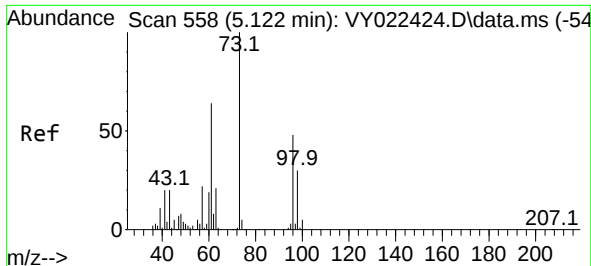
Tgt Ion: 76 Resp: 160294
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.443 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 43 Resp: 29763
Ion Ratio Lower Upper
43 100
74 25.4 21.2 31.8

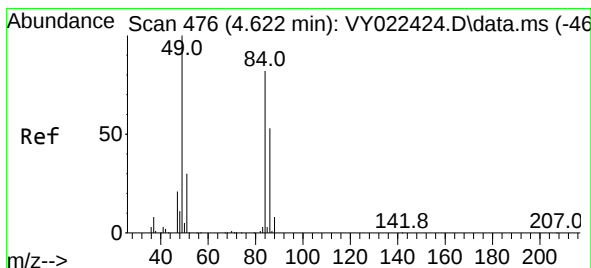
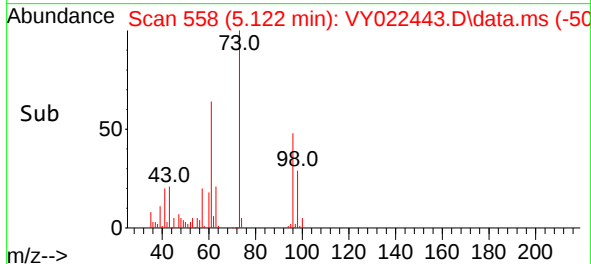
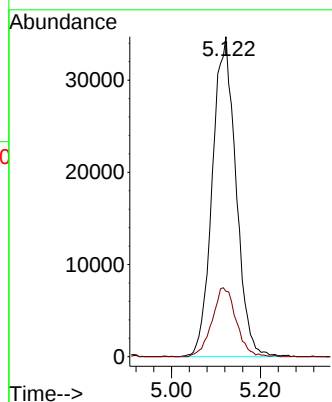
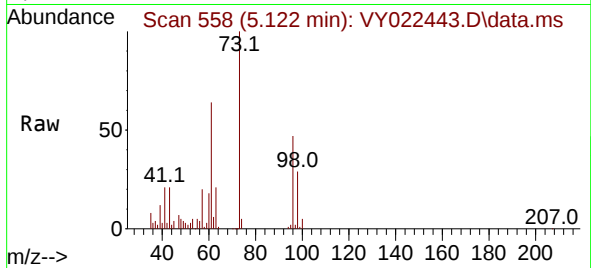




#19
Methyl tert-butyl Ether
Concen: 21.465 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

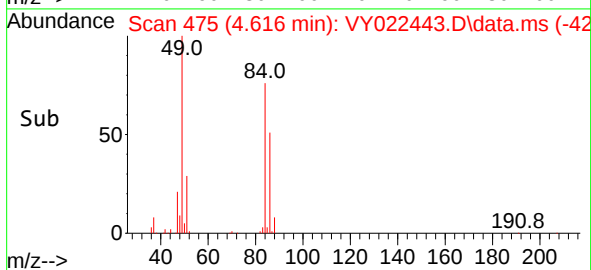
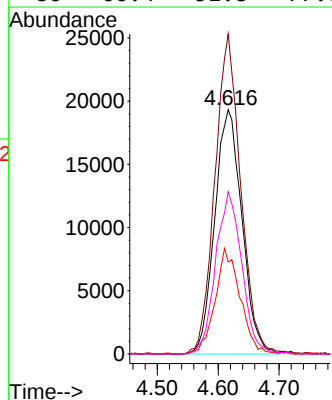
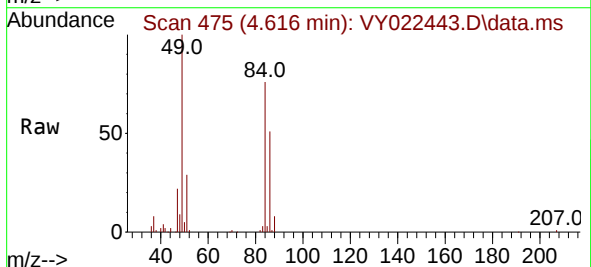
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

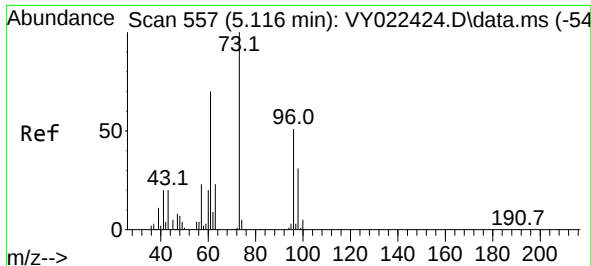
Tgt Ion: 73 Resp: 127818
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 22.881 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 84 Resp: 59867
Ion Ratio Lower Upper
84 100
49 130.9 97.8 146.8
51 37.7 29.5 44.3
86 66.4 51.8 77.6

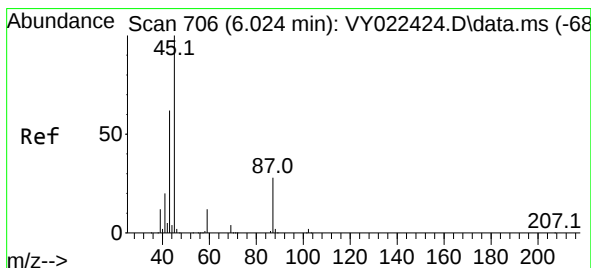
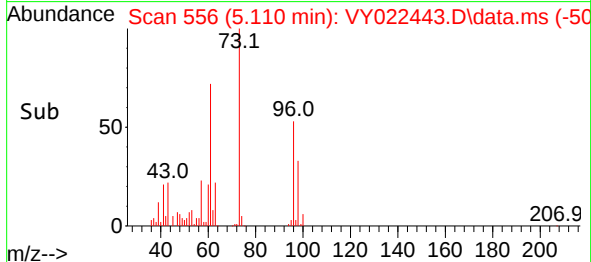
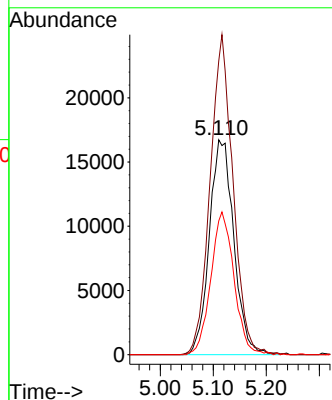
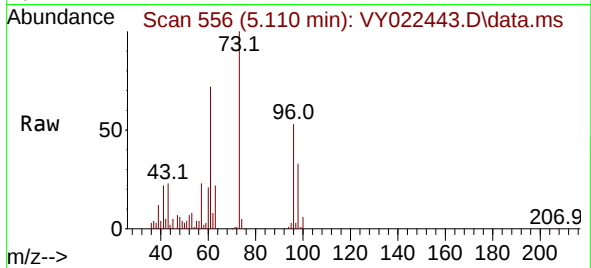




#21
trans-1,2-Dichloroethene
Concen: 21.947 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

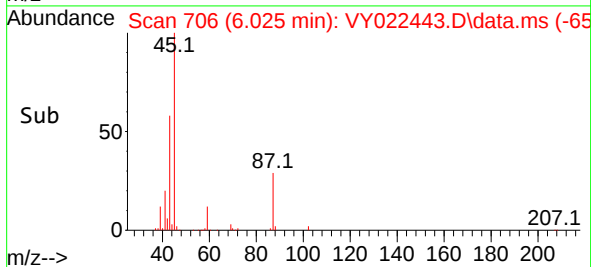
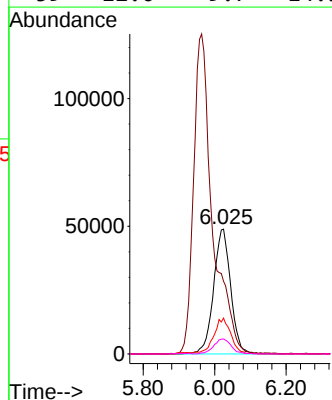
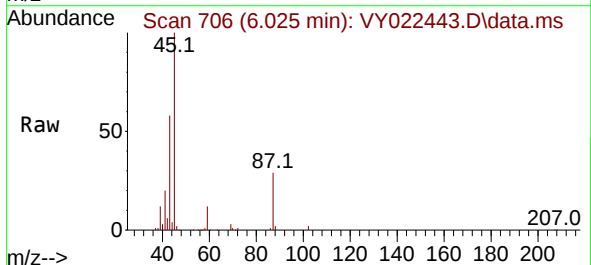
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

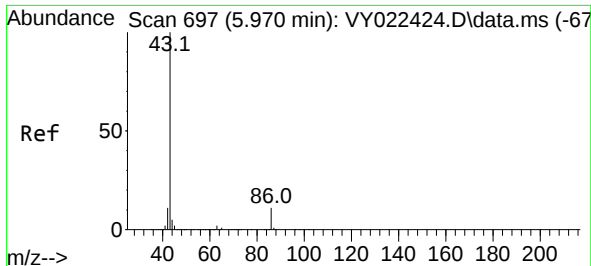
Tgt Ion: 96 Resp: 53739
Ion Ratio Lower Upper
96 100
61 136.7 110.4 165.6
98 62.3 48.6 73.0



#22
Diisopropyl ether
Concen: 21.805 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 45 Resp: 162362
Ion Ratio Lower Upper
45 100
43 57.9 49.8 74.8
87 28.8 23.0 34.6
59 12.0 9.7 14.5

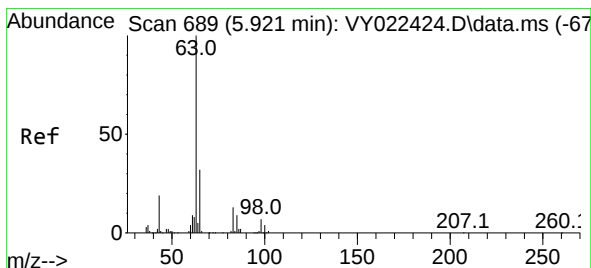
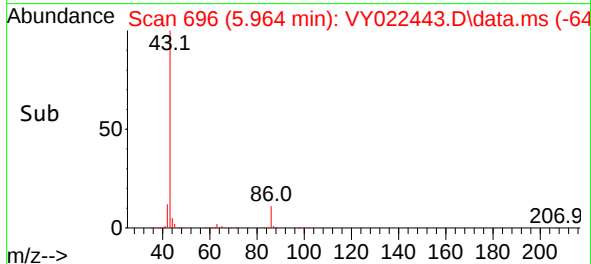
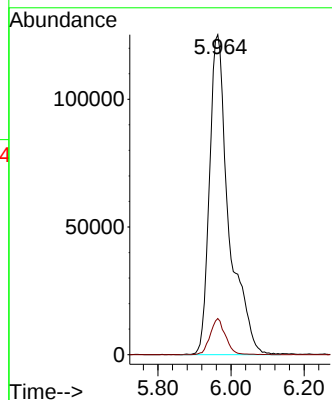
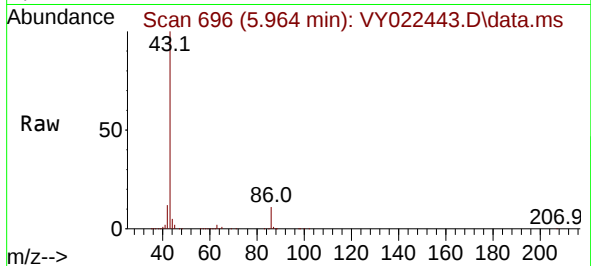




#23
 Vinyl Acetate
 Concen: 107.765 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

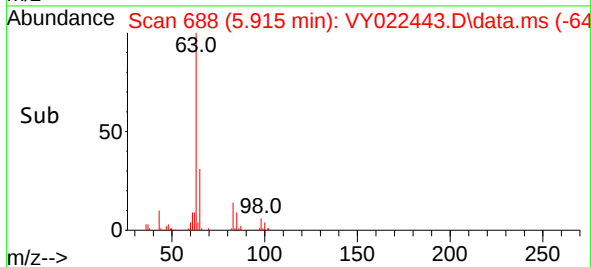
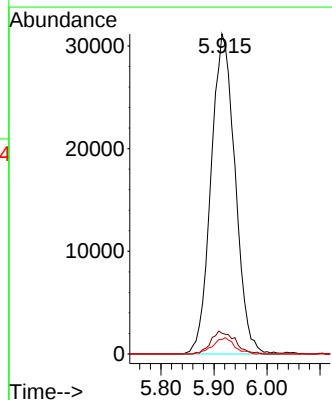
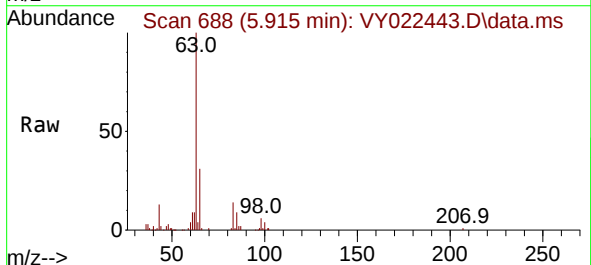
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBSD01

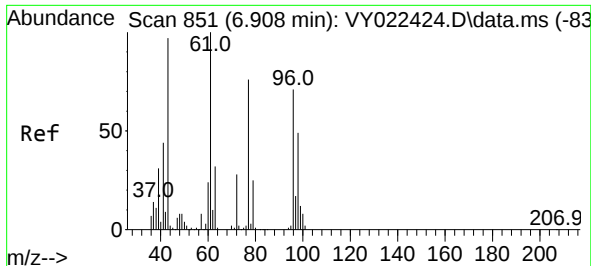
Tgt Ion: 43 Resp: 460750
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 22.363 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

Tgt Ion: 63 Resp: 98399
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 107.480 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

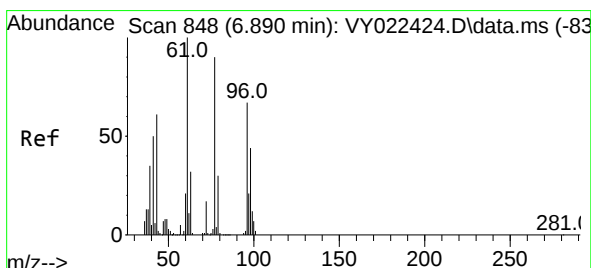
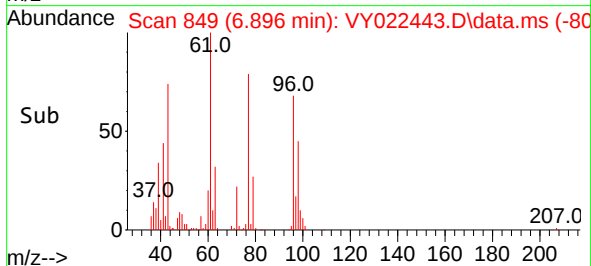
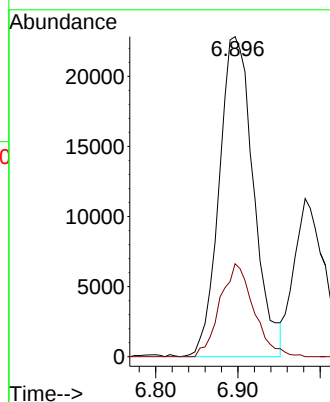
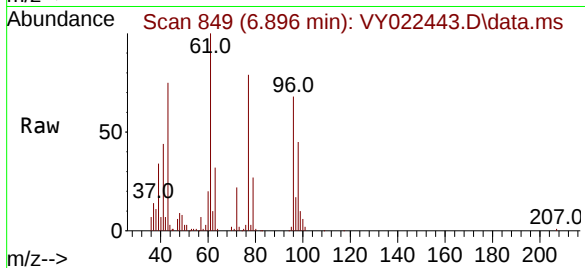
VY0528SBS01

Tgt Ion: 43 Resp: 66324

Ion Ratio Lower Upper

43 100

72 29.0 22.8 34.2



#26

2,2-Dichloropropane

Concen: 22.009 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY022443.D

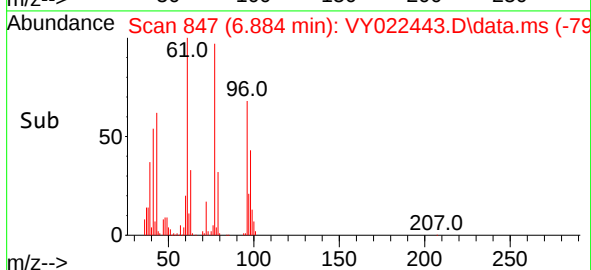
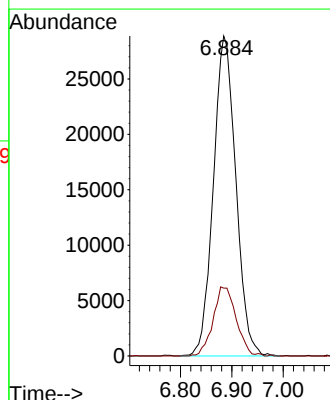
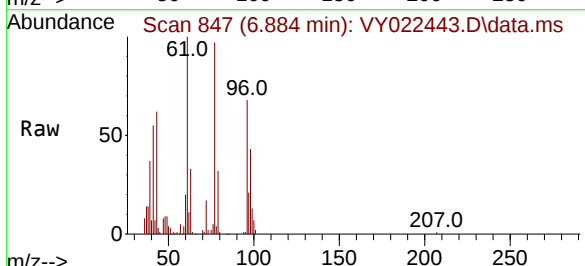
Acq: 28 May 2025 10:49

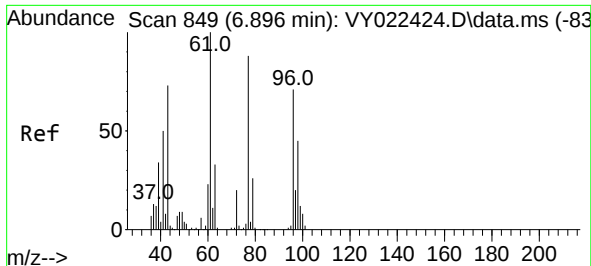
Tgt Ion: 77 Resp: 87685

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.732 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

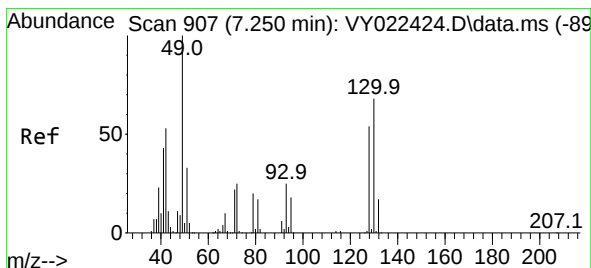
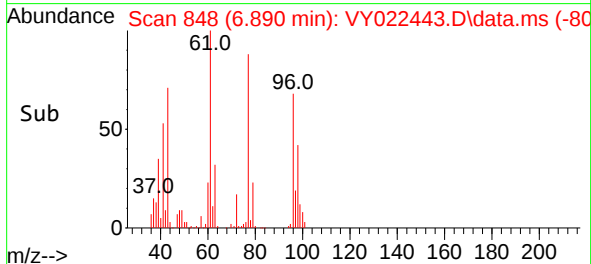
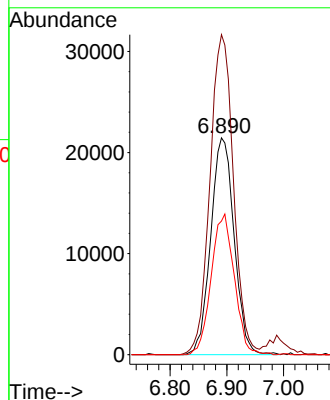
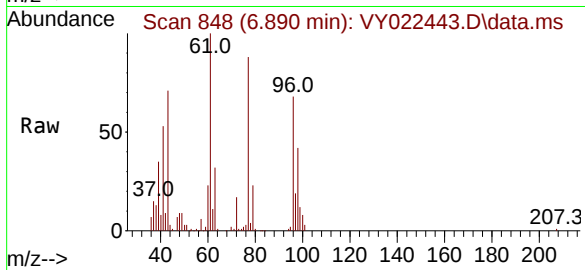
Tgt Ion: 96 Resp: 61602

Ion Ratio Lower Upper

96 100

61 147.8 0.0 292.0

98 64.1 0.0 131.0



#28

Bromochloromethane

Concen: 22.265 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

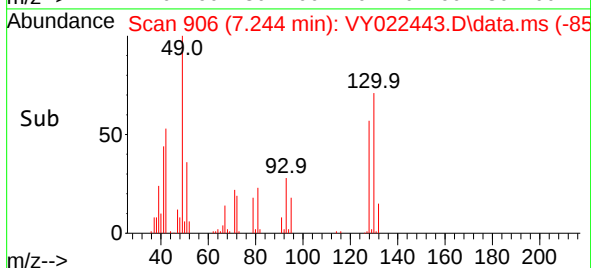
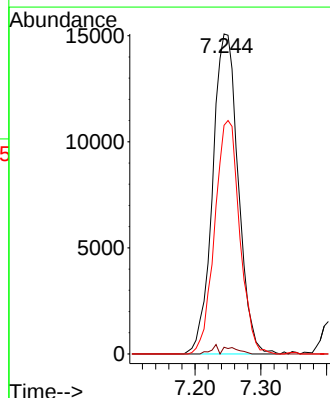
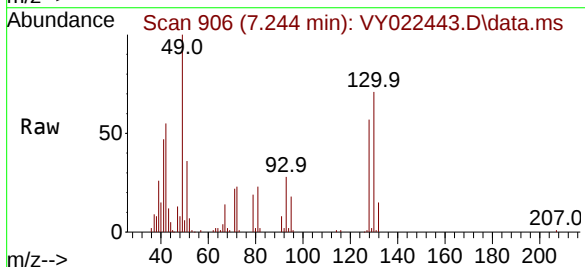
Tgt Ion: 49 Resp: 40908

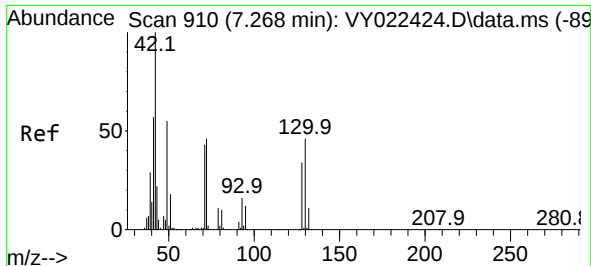
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

130 71.1 56.9 85.3

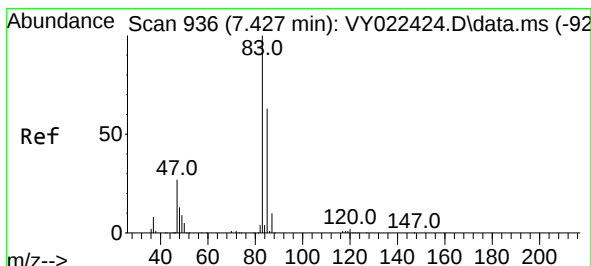
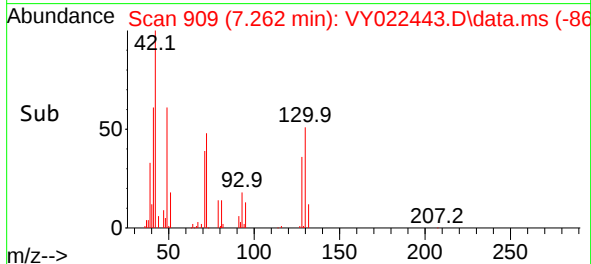
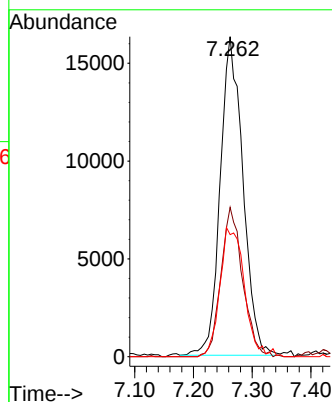
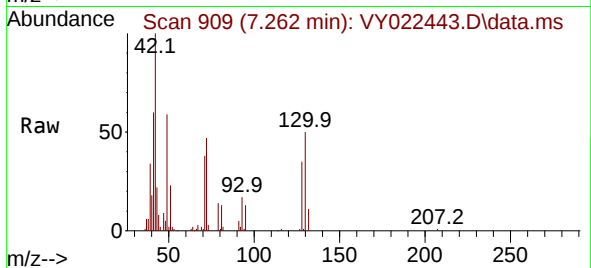




#29
Tetrahydrofuran
Concen: 106.350 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

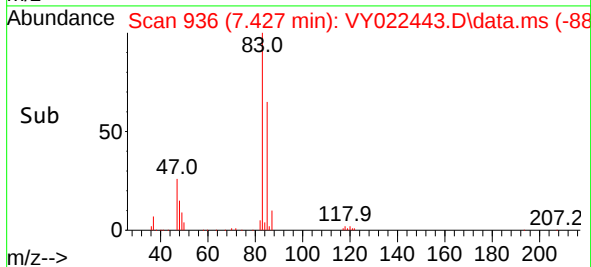
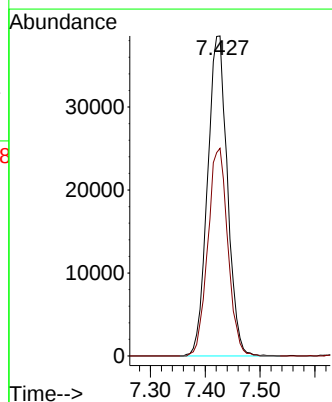
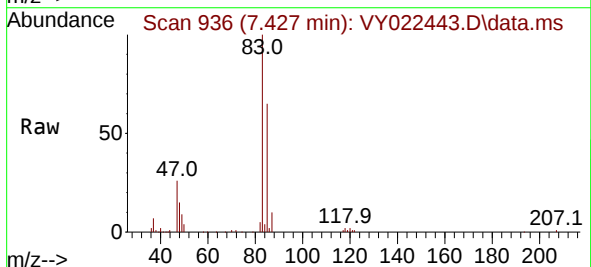
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

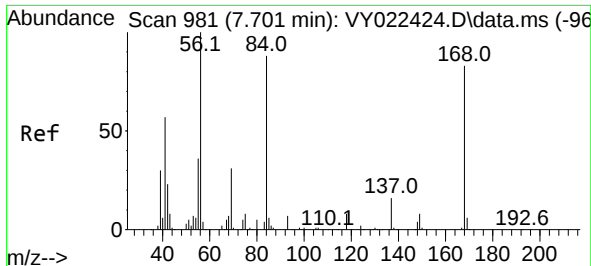
Tgt Ion: 42 Resp: 43768
Ion Ratio Lower Upper
42 100
72 44.9 37.7 56.5
71 43.0 34.7 52.1



#30
Chloroform
Concen: 22.359 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 83 Resp: 96939
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1

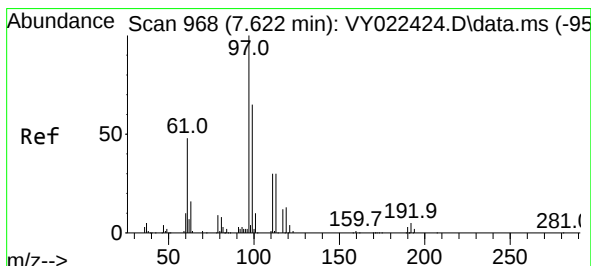
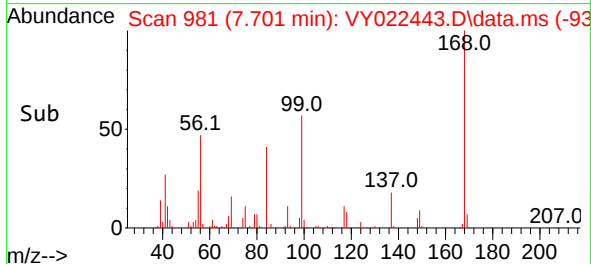
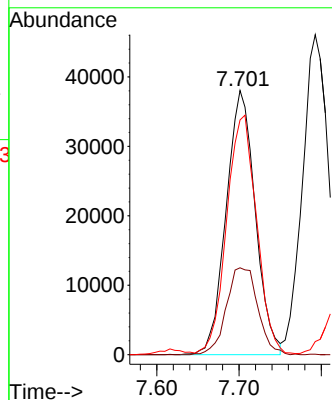
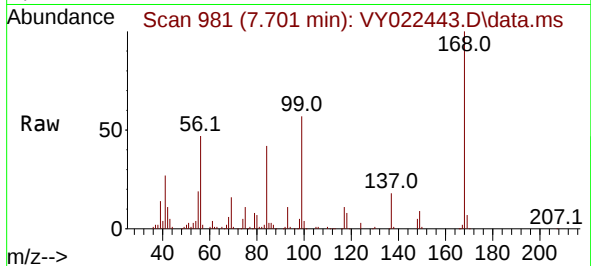




#31
Cyclohexane
Concen: 21.636 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

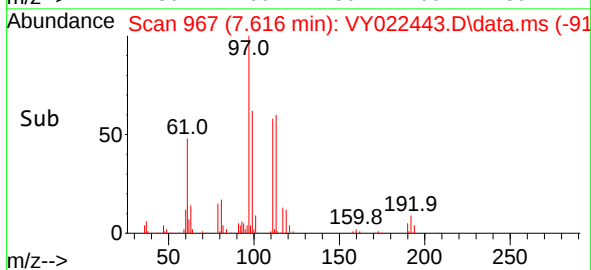
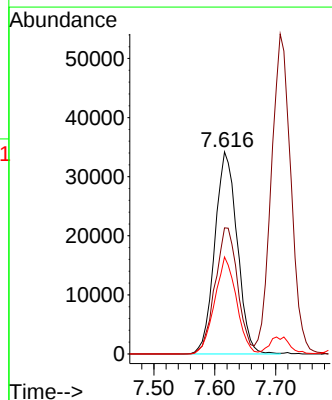
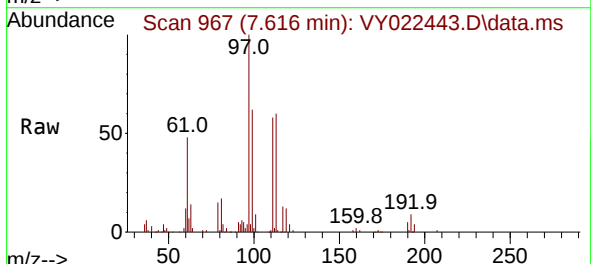
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

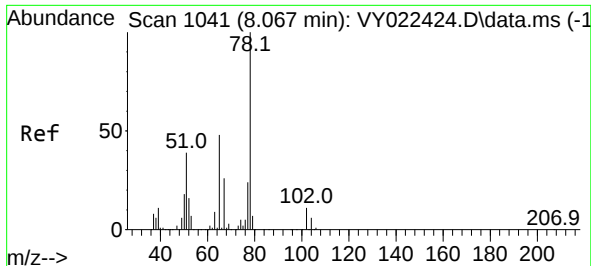
Tgt Ion: 56 Resp: 93841
Ion Ratio Lower Upper
56 100
69 32.9 24.6 36.8
84 87.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 22.222 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 97 Resp: 87441
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 46.7 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 52.943 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

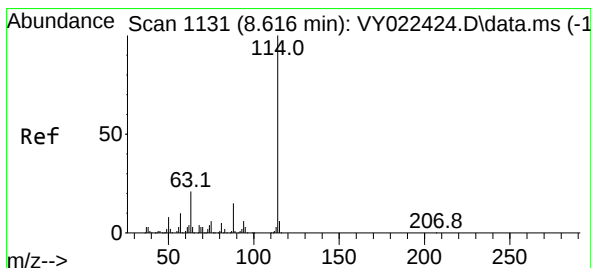
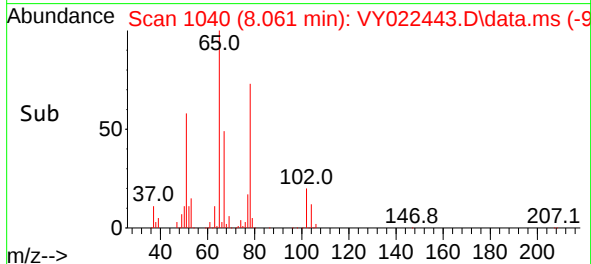
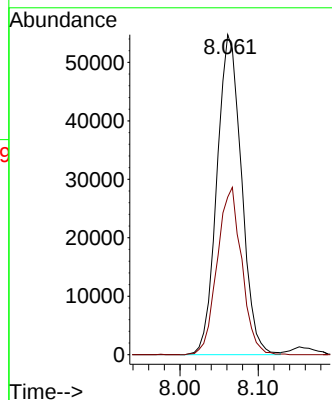
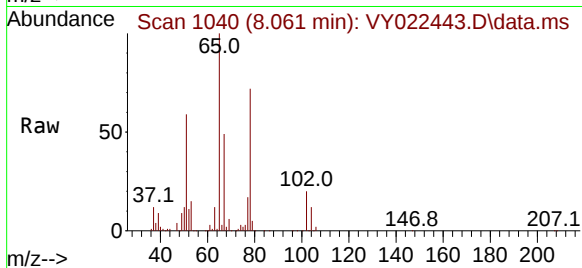
VY0528SBS01

Tgt Ion: 65 Resp: 119378

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

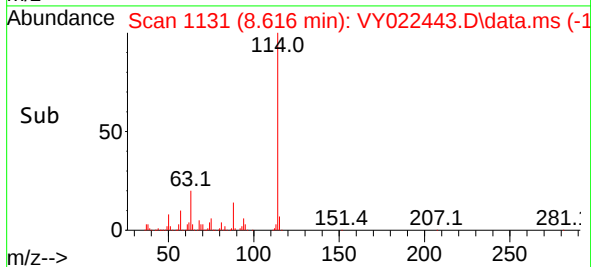
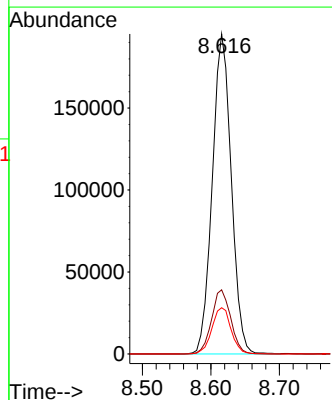
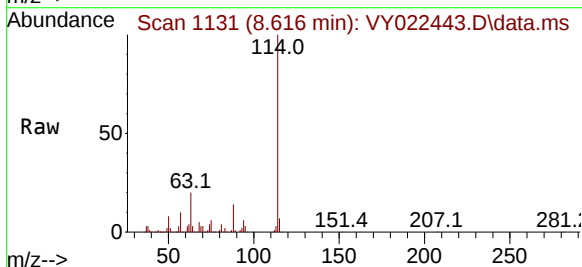
Tgt Ion:114 Resp: 375533

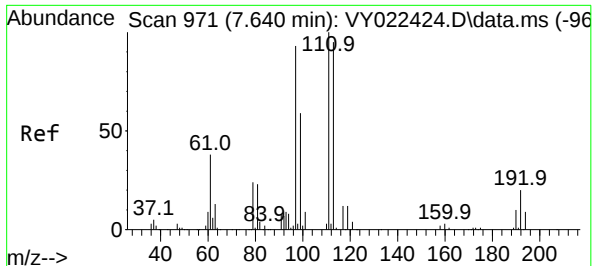
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 14.5 0.0 29.4

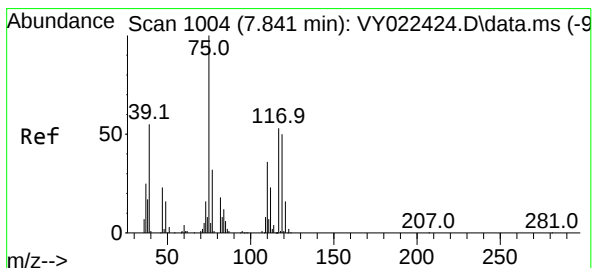
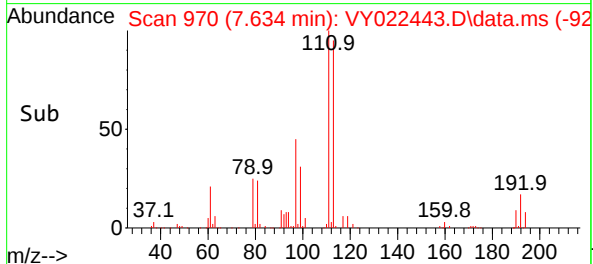
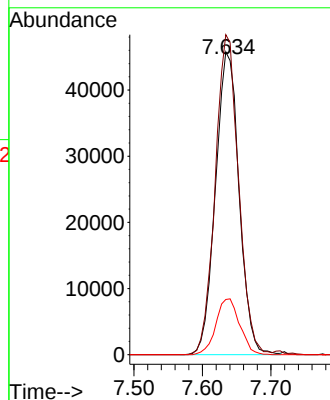
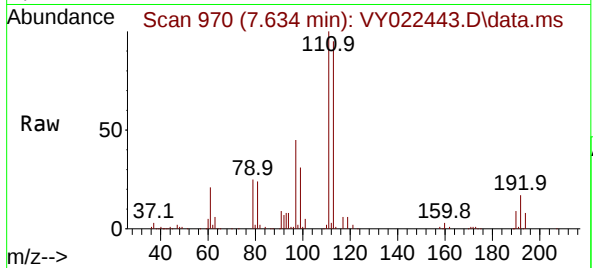




#35
Dibromofluoromethane
Concen: 49.819 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

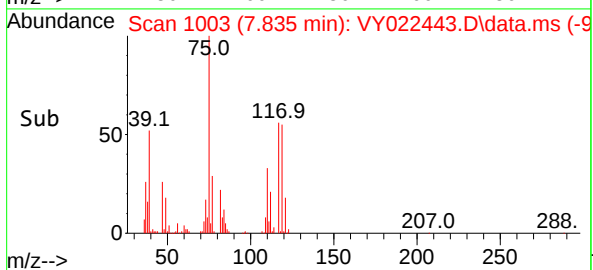
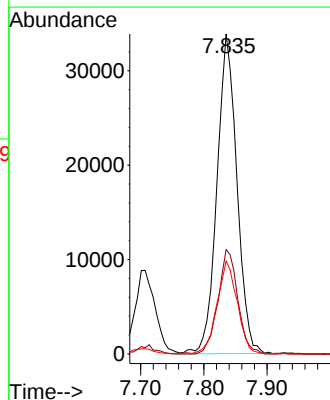
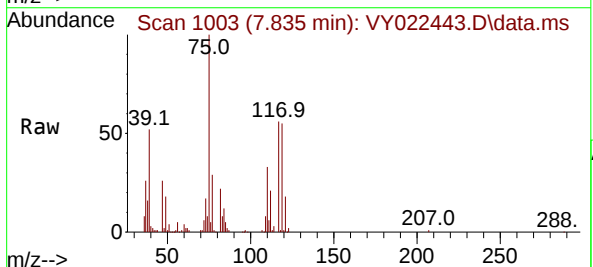
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

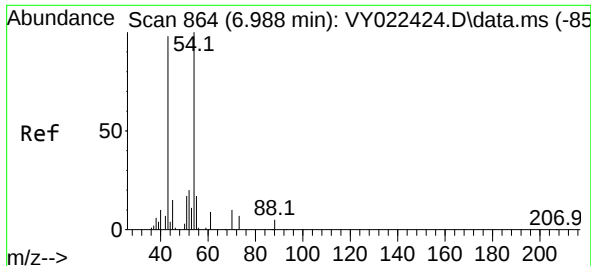
Tgt Ion:113 Resp: 109564
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 21.179 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 75 Resp: 73912
Ion Ratio Lower Upper
75 100
110 32.2 17.1 51.2
77 29.8 25.1 37.7





#37

Ethyl Acetate

Concen: 21.010 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

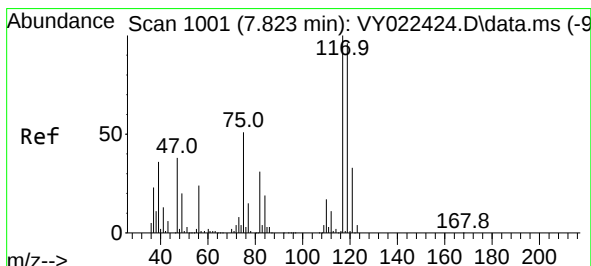
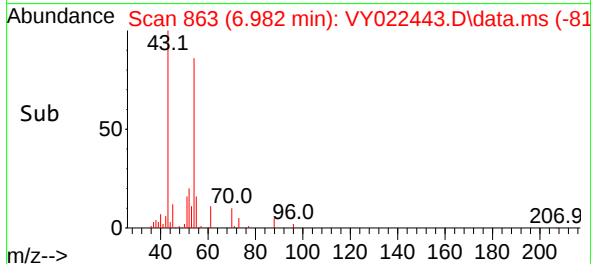
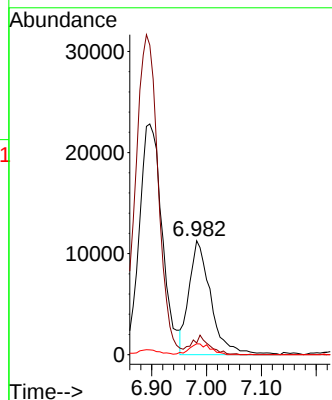
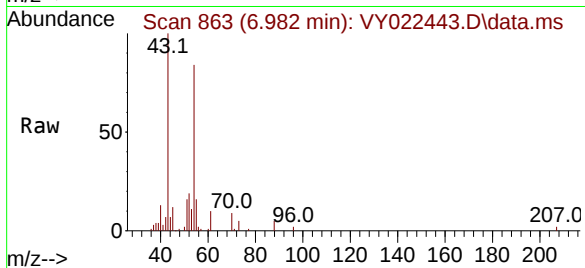
Tgt Ion: 43 Resp: 31160

Ion Ratio Lower Upper

43 100

61 13.7 11.7 17.5

70 9.3 7.8 11.6



#38

Carbon Tetrachloride

Concen: 20.778 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

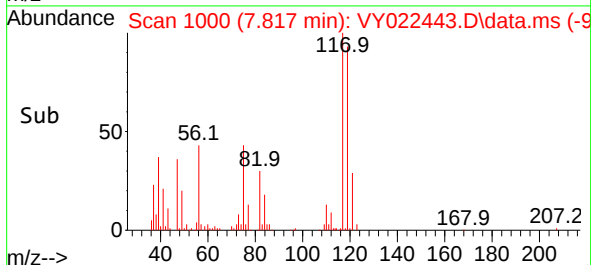
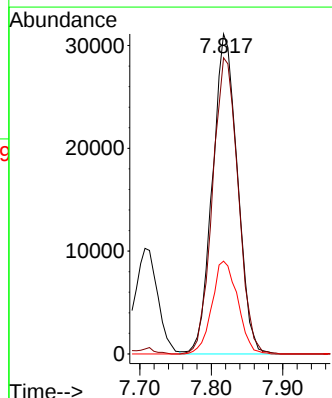
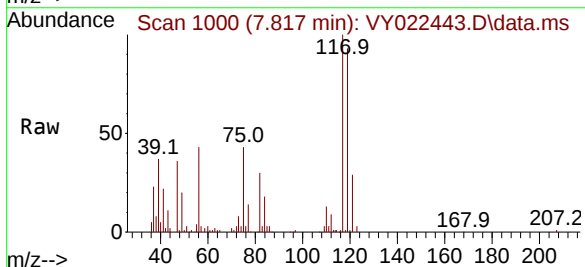
Tgt Ion: 117 Resp: 75537

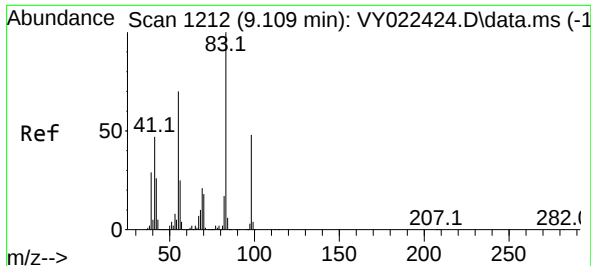
Ion Ratio Lower Upper

117 100

119 92.5 76.3 114.5

121 29.0 26.1 39.1





#39

Methylcyclohexane

Concen: 20.411 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBSD01

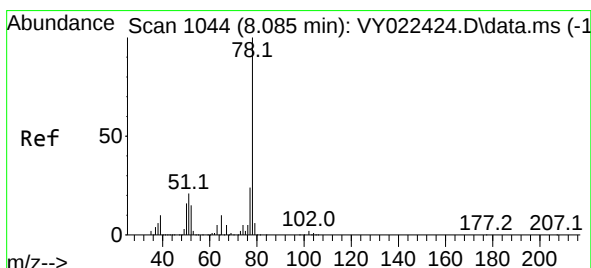
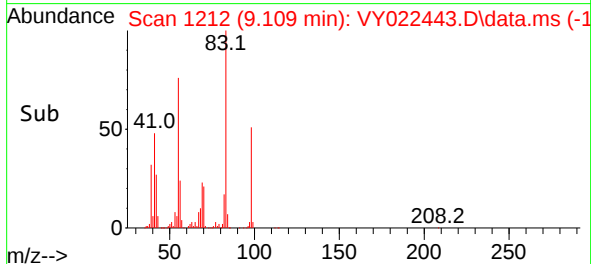
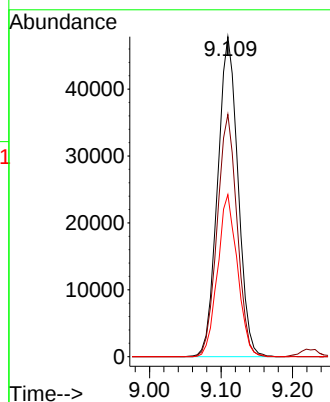
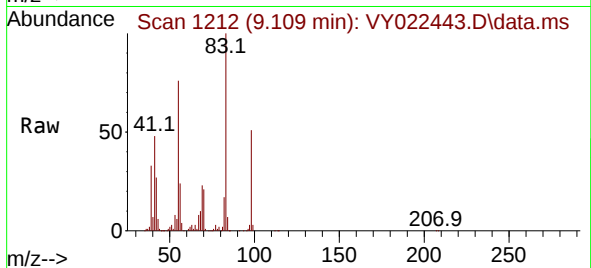
Tgt Ion: 83 Resp: 94687

Ion Ratio Lower Upper

83 100

55 75.7 56.2 84.2

98 50.7 38.4 57.6



#40

Benzene

Concen: 21.432 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022443.D

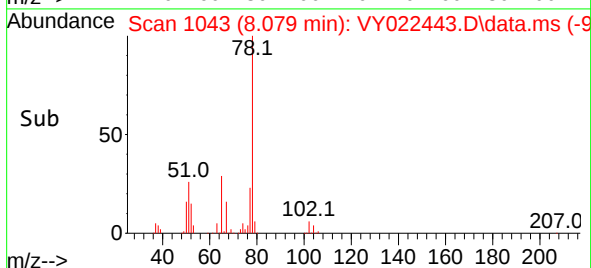
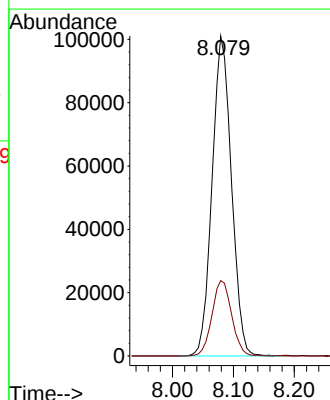
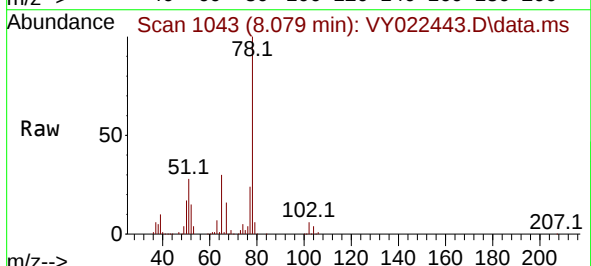
Acq: 28 May 2025 10:49

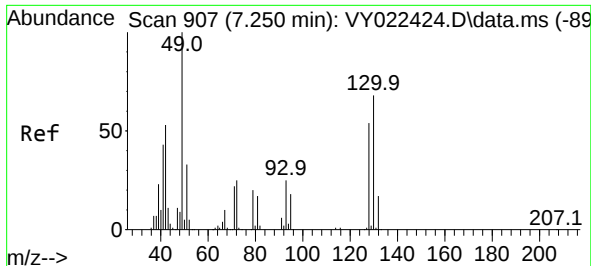
Tgt Ion: 78 Resp: 222559

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.2

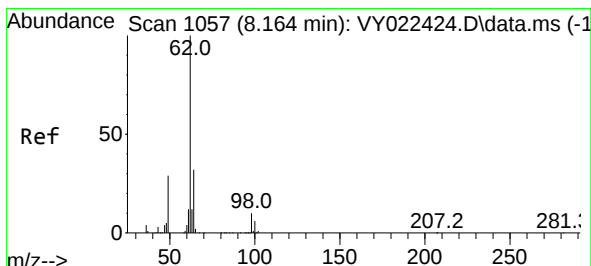
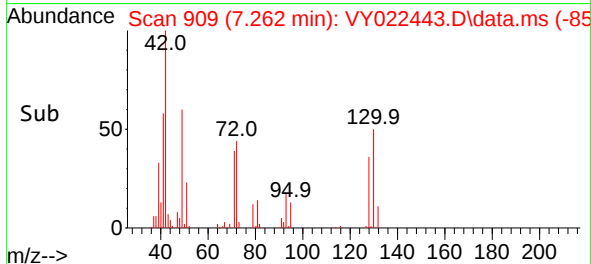
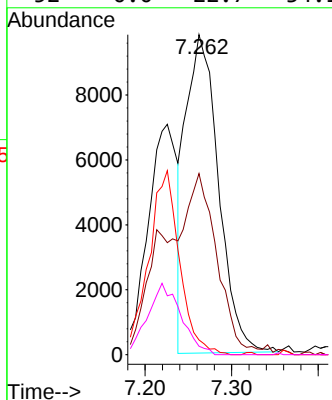
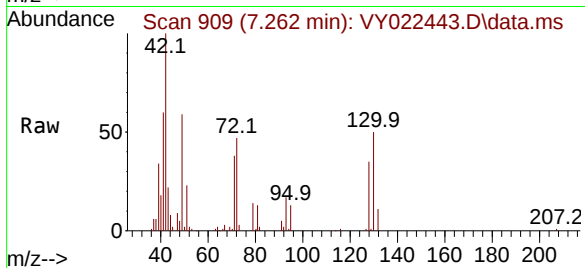




#41
Methacrylonitrile
Concen: 28.767 ug/l
RT: 7.262 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

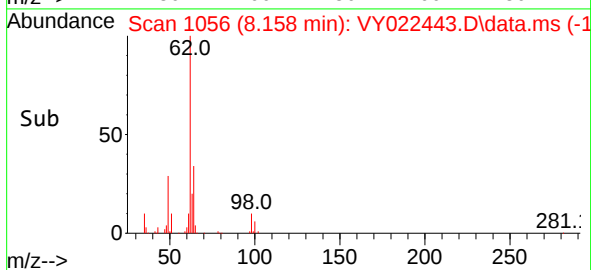
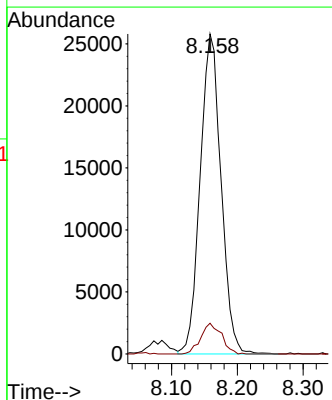
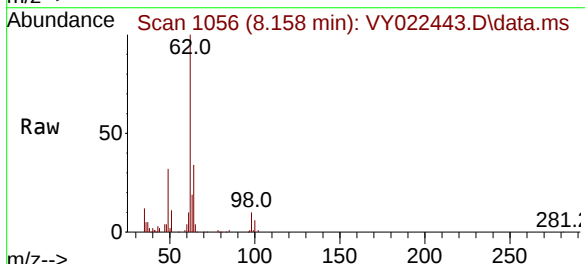
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

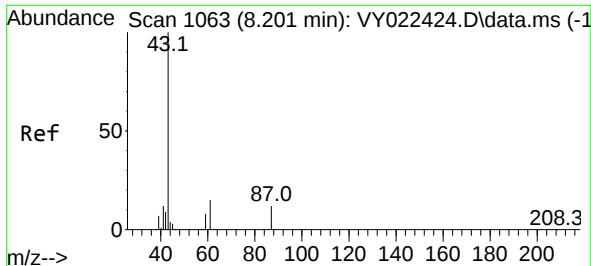
Tgt Ion: 41 Resp: 25895
Ion Ratio Lower Upper
41 100
39 52.3 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 20.736 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 62 Resp: 56869
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4

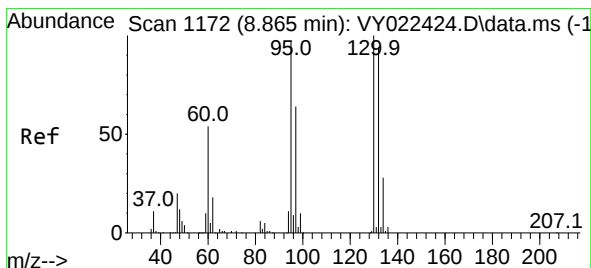
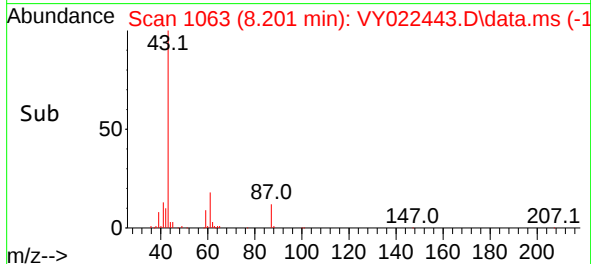
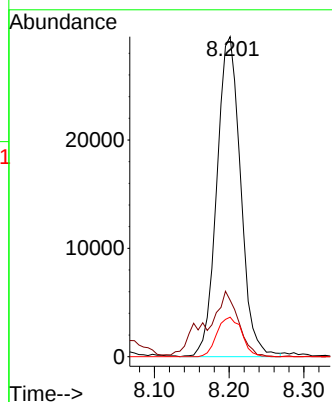
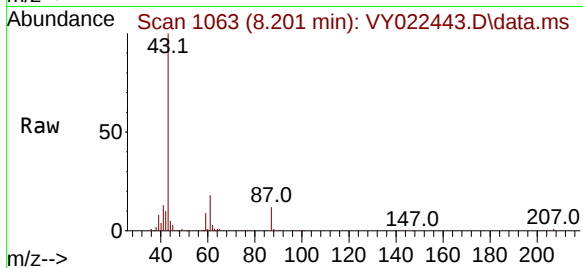




#43
Isopropyl Acetate
Concen: 20.140 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

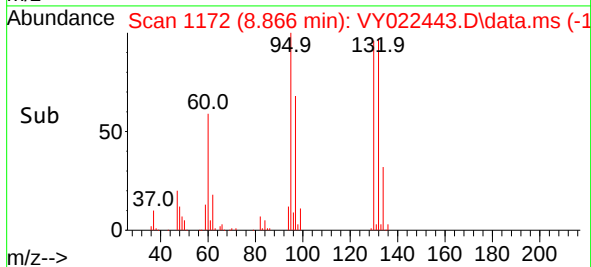
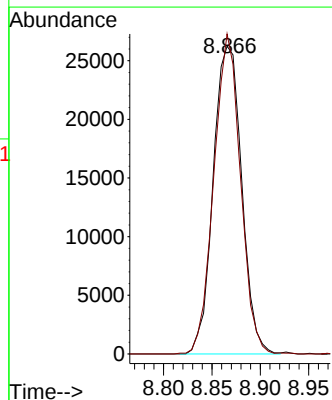
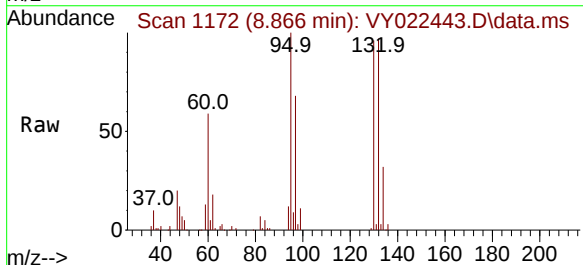
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

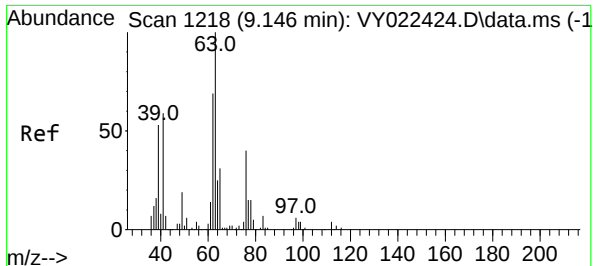
Tgt Ion: 43 Resp: 65272
Ion Ratio Lower Upper
43 100
61 27.9 15.4 23.0#
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 20.947 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion:130 Resp: 53773
Ion Ratio Lower Upper
130 100
95 103.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.914 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

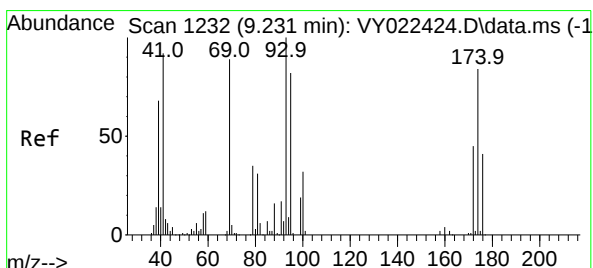
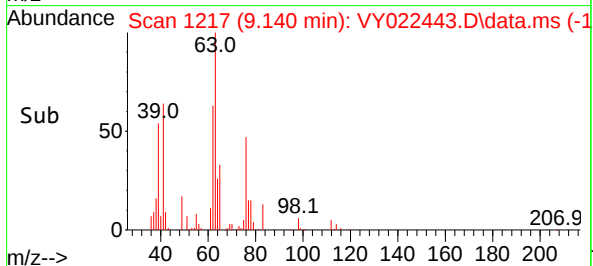
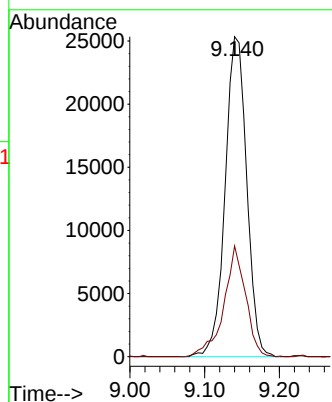
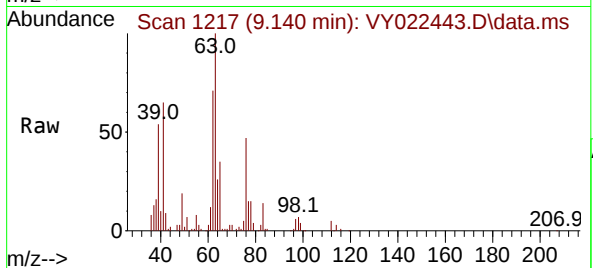
VY0528SBS01

Tgt Ion: 63 Resp: 51026

Ion Ratio Lower Upper

63 100

65 34.6 25.1 37.7



#46

Dibromomethane

Concen: 20.830 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

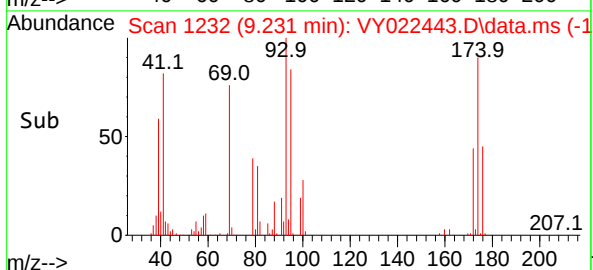
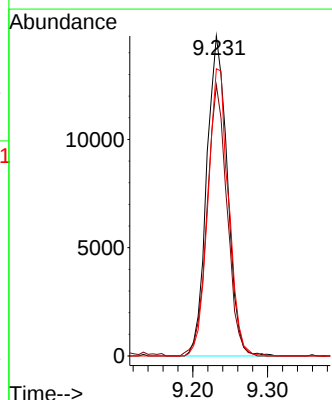
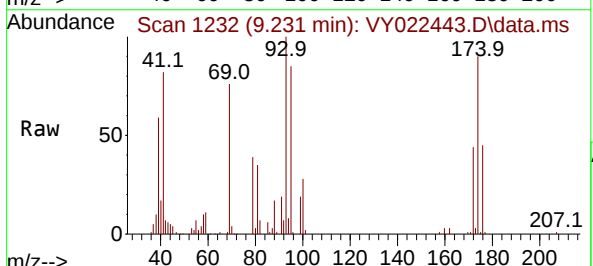
Tgt Ion: 93 Resp: 28390

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

174 89.3 71.1 106.7

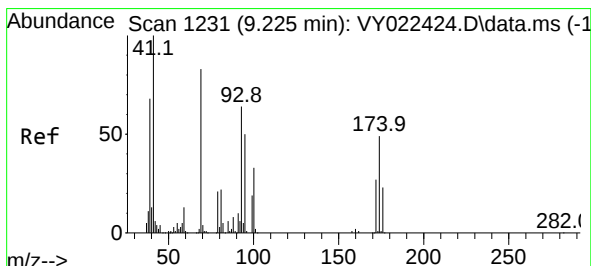
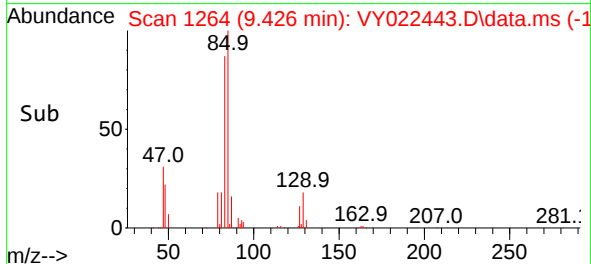
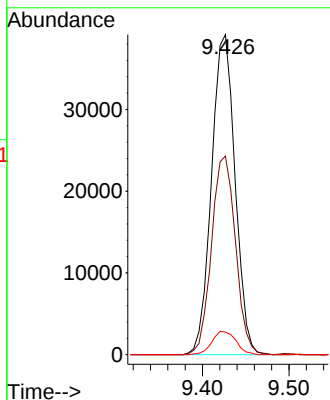
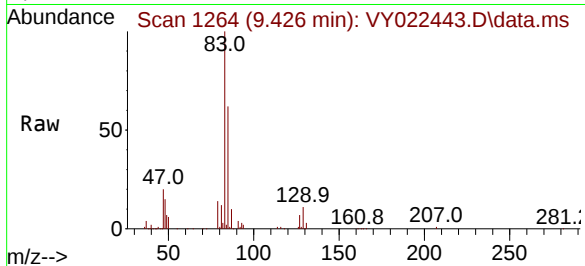




#47
Bromodichloromethane
Concen: 21.115 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

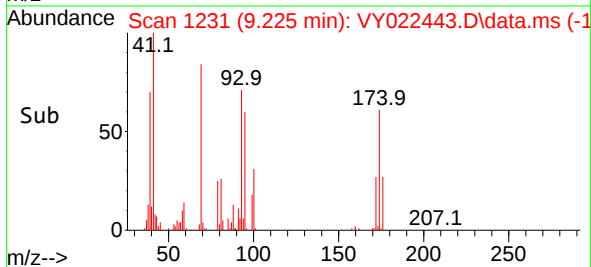
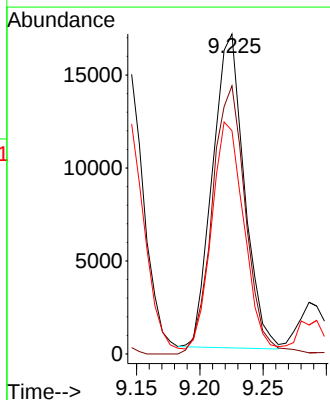
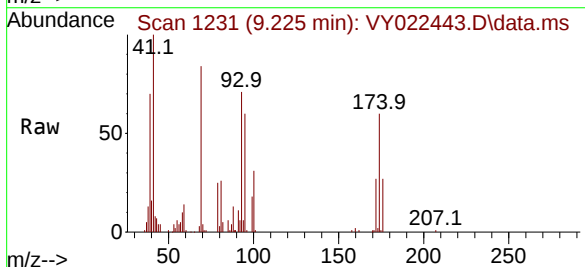
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

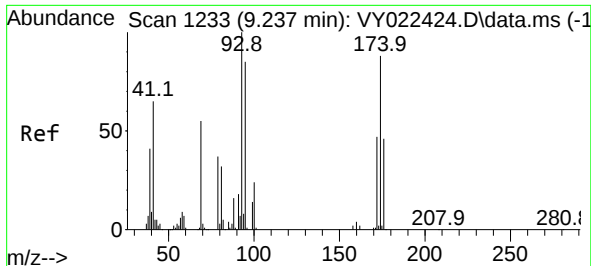
Tgt Ion: 83 Resp: 74007
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 7.0 6.6 9.8



#48
Methyl methacrylate
Concen: 19.565 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 41 Resp: 29434
Ion Ratio Lower Upper
41 100
69 90.3 70.3 105.5
39 73.5 55.4 83.0





#49

1,4-Dioxane

Concen: 397.499 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBSD01

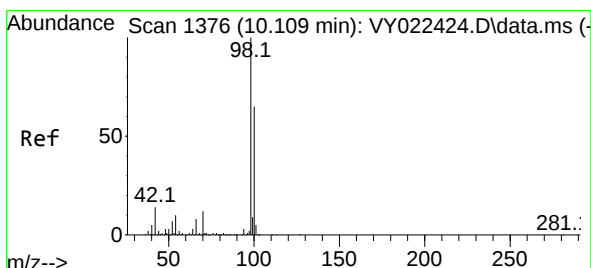
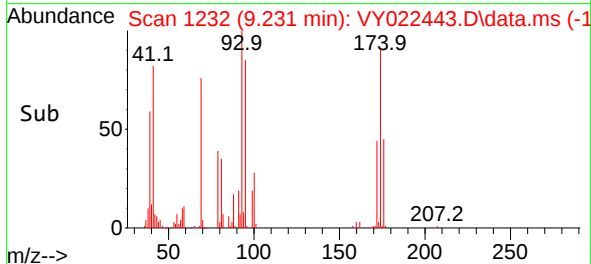
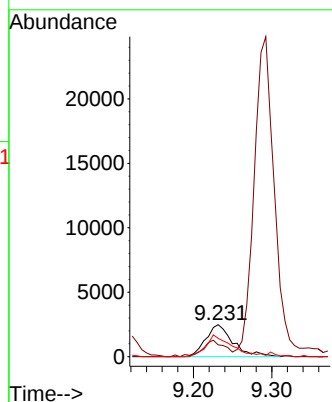
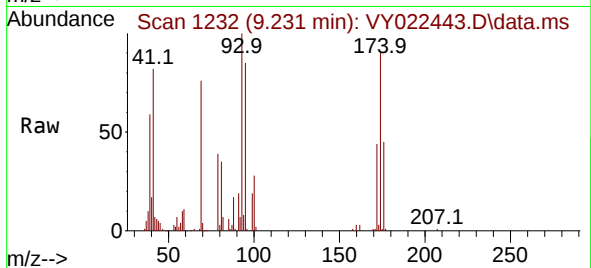
Tgt Ion: 88 Resp: 5984

Ion Ratio Lower Upper

88 100

43 41.8 26.9 40.3#

58 64.7 55.8 83.6



#50

Toluene-d8

Concen: 50.373 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022443.D

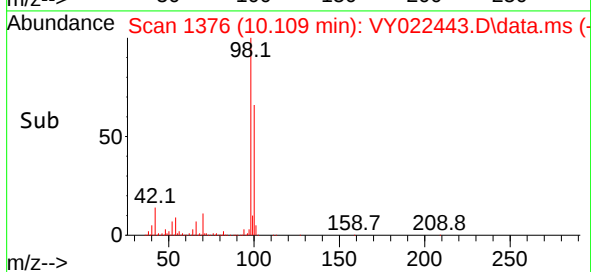
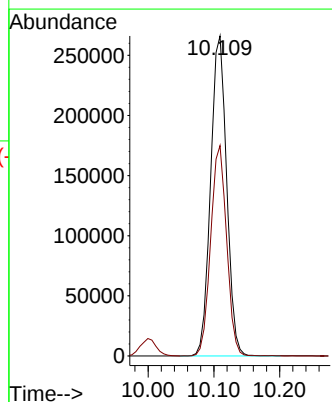
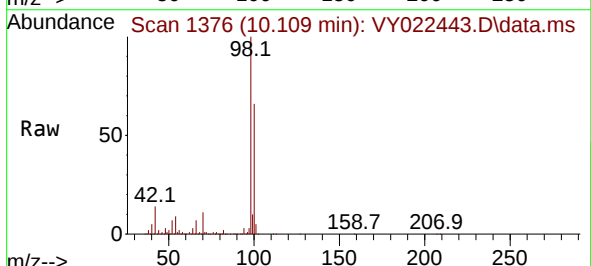
Acq: 28 May 2025 10:49

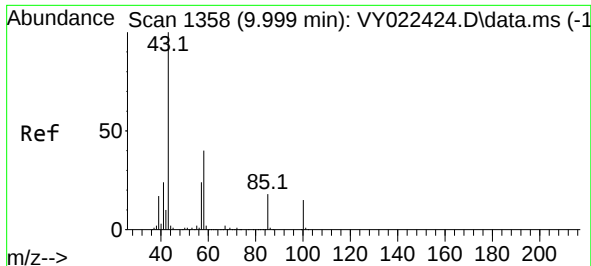
Tgt Ion: 98 Resp: 451614

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

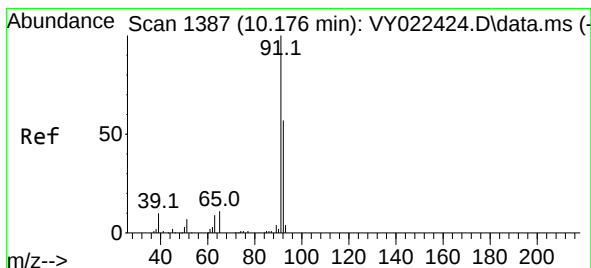
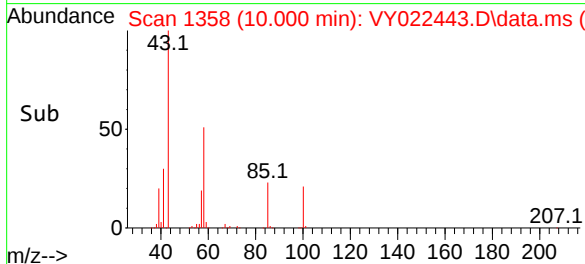
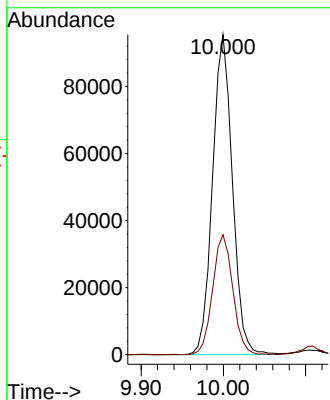
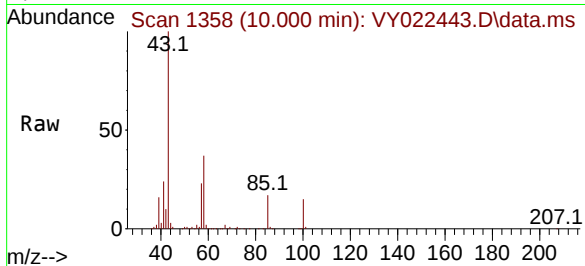




#51
4-Methyl-2-Pentanone
Concen: 100.063 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

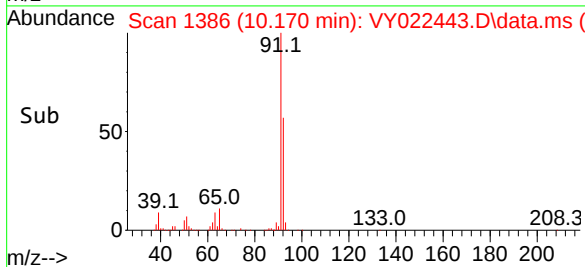
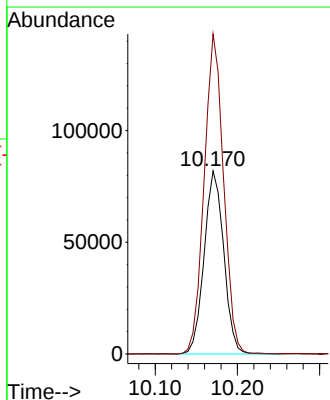
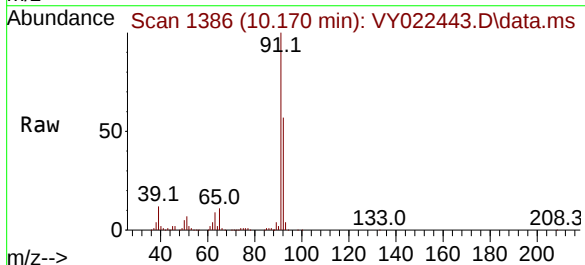
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

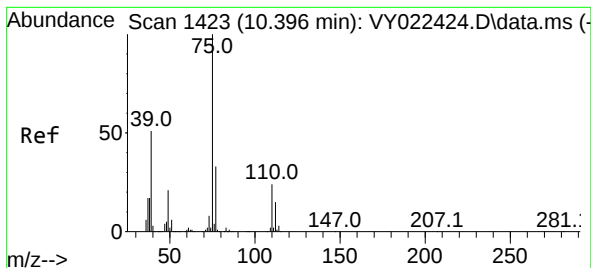
Tgt Ion: 43 Resp: 160007
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8



#52
Toluene
Concen: 20.881 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 92 Resp: 135436
Ion Ratio Lower Upper
92 100
91 173.2 139.8 209.6

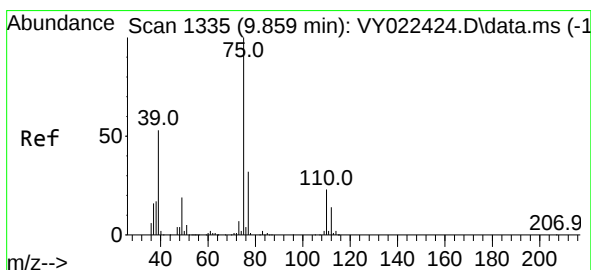
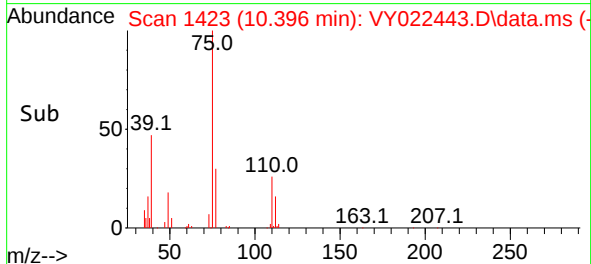
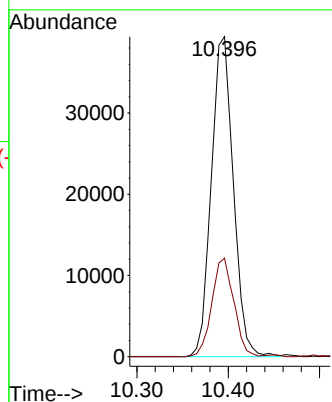
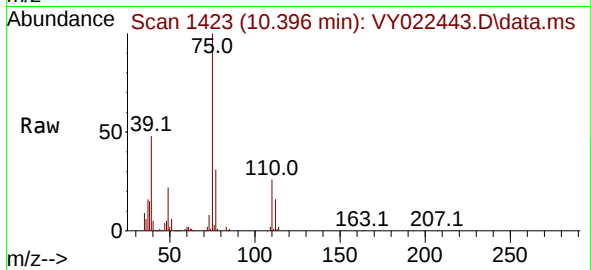




#53
 t-1,3-Dichloropropene
 Concen: 20.273 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

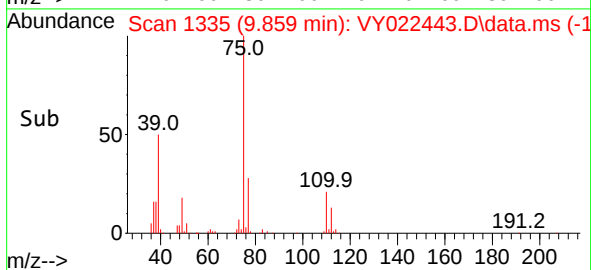
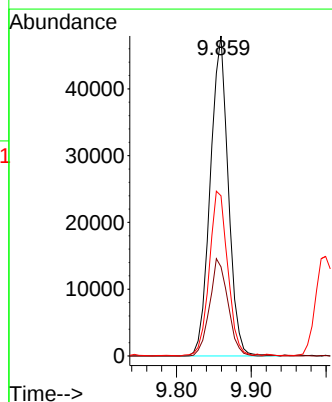
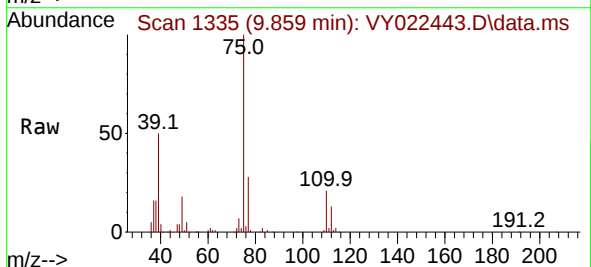
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBSD01

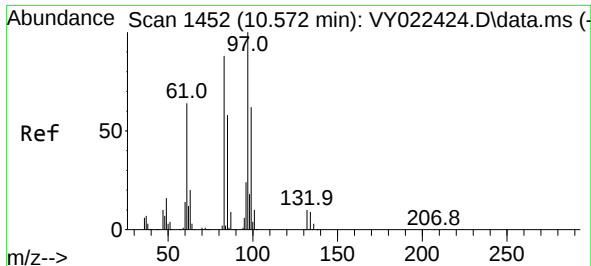
Tgt Ion: 75 Resp: 66185
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.818 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

Tgt Ion: 75 Resp: 79861
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.4 38.2
 39 50.0 42.5 63.7

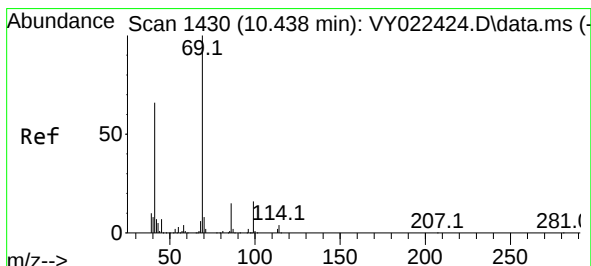
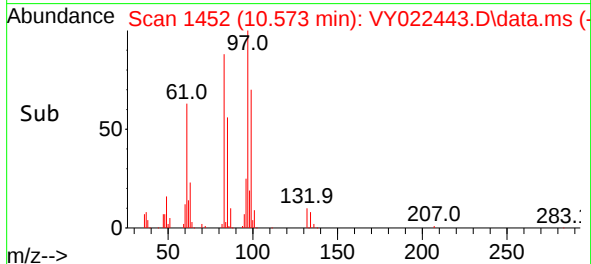
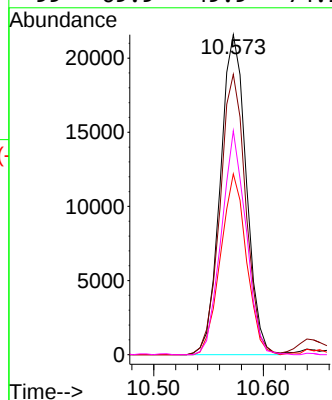
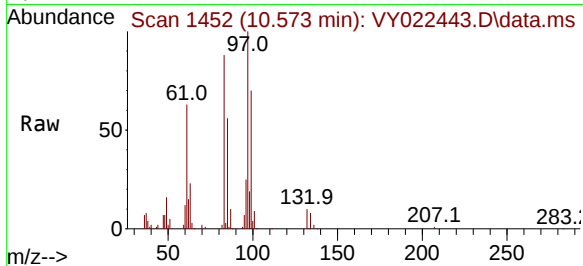




#55
1,1,2-Trichloroethane
Concen: 20.567 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

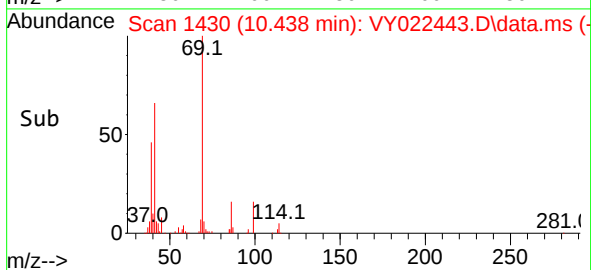
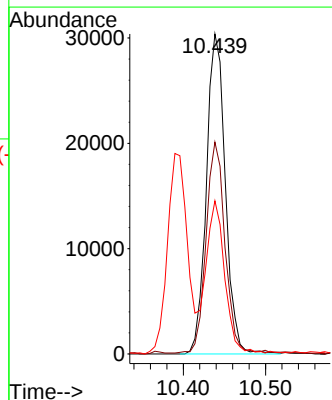
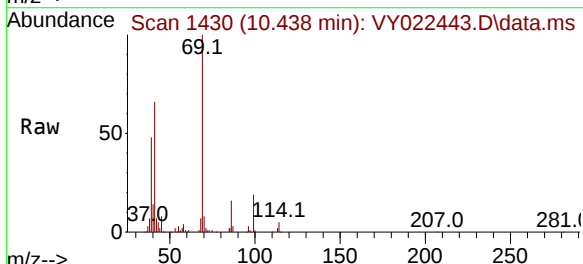
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

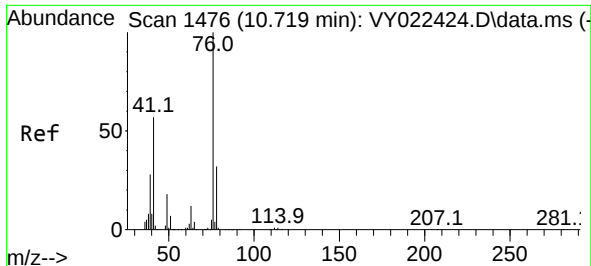
Tgt Ion:	97	Resp:	35441
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.4
85	56.5	46.1	69.1
99	69.9	49.9	74.9



#56
Ethyl methacrylate
Concen: 19.645 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion:	69	Resp:	48579
Ion	Ratio	Lower	Upper
69	100		
41	65.6	51.2	76.8
39	47.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 20.443 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

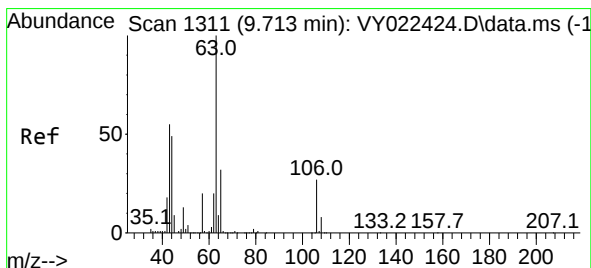
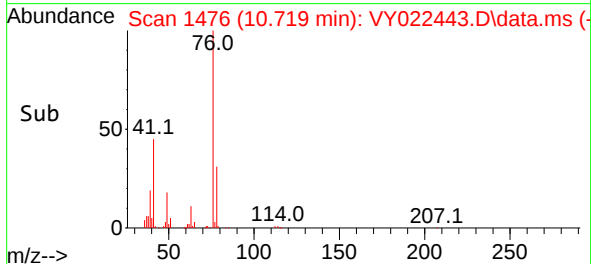
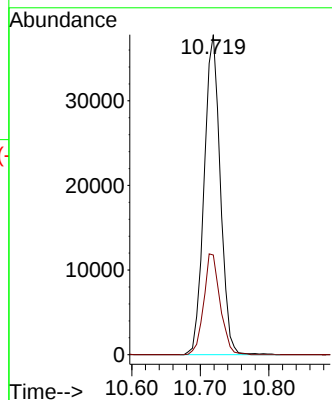
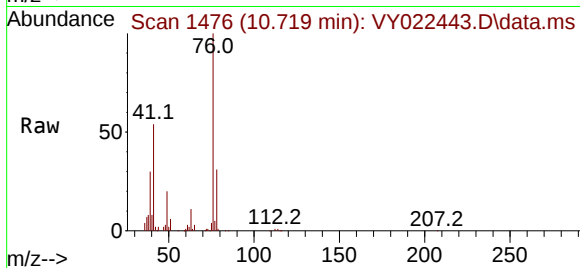
VY0528SBSD01

Tgt Ion: 76 Resp: 62079

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.671 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022443.D

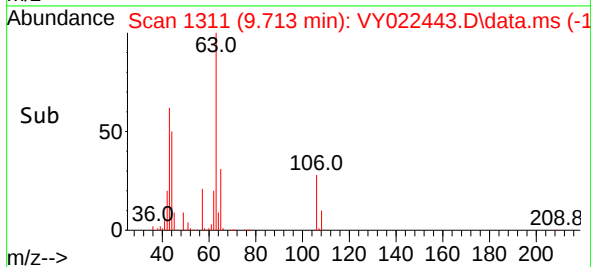
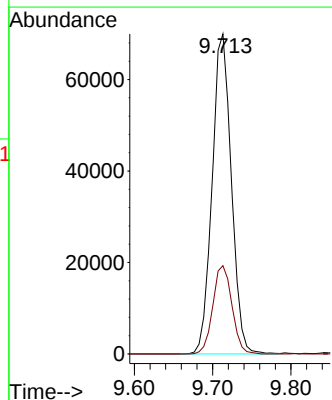
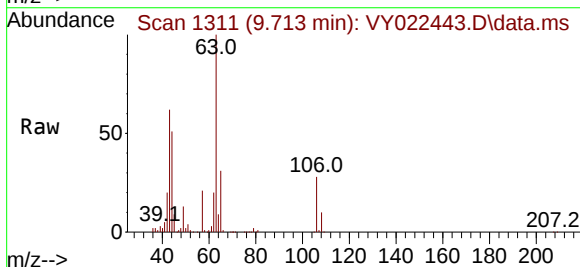
Acq: 28 May 2025 10:49

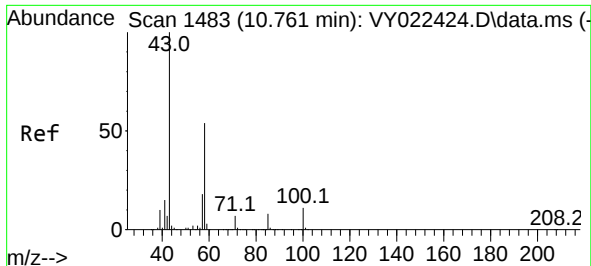
Tgt Ion: 63 Resp: 119142

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2

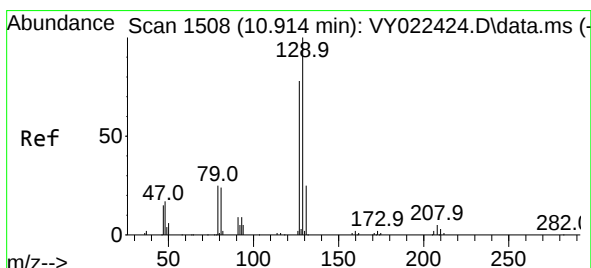
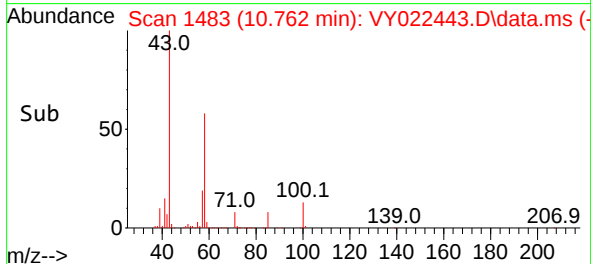
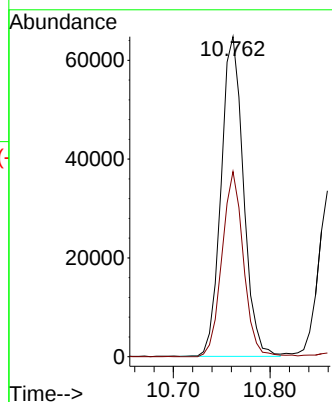
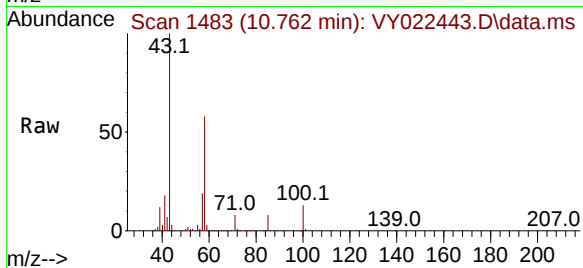




#59
2-Hexanone
Concen: 98.951 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

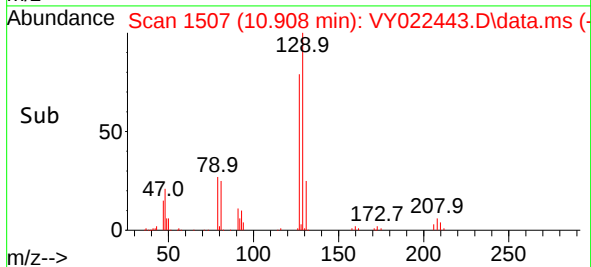
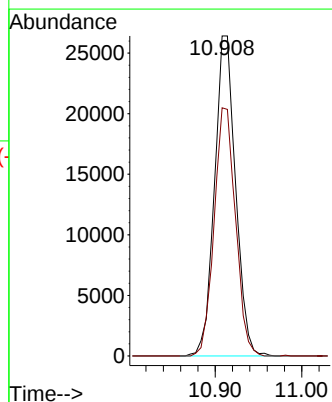
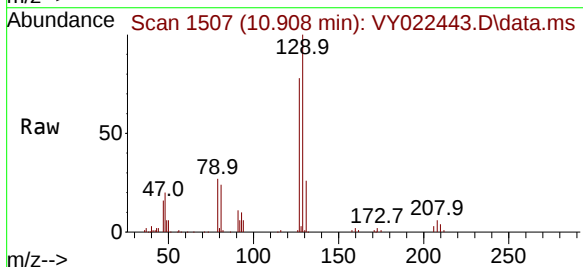
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

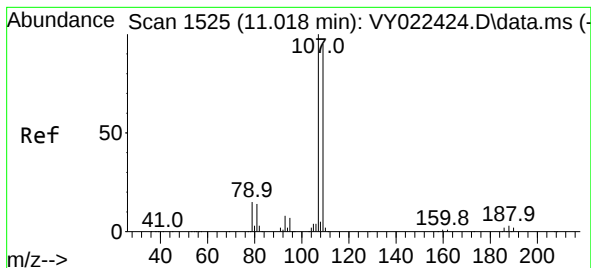
Tgt Ion: 43 Resp: 103695
Ion Ratio Lower Upper
43 100
58 55.7 27.1 81.2



#60
Dibromochloromethane
Concen: 20.265 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 129 Resp: 44608
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.8

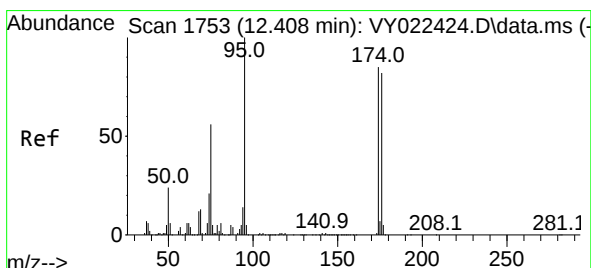
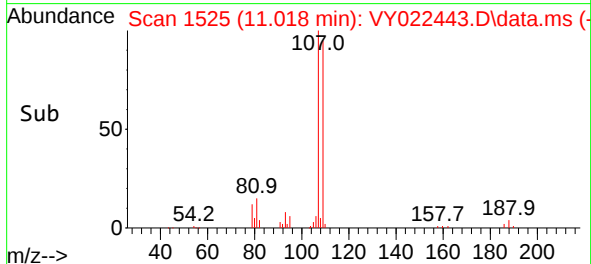
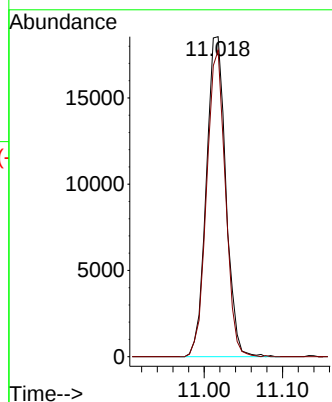
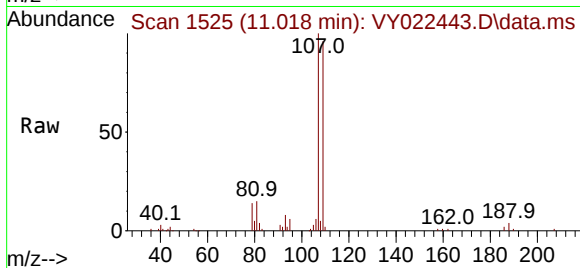




#61
1,2-Dibromoethane
Concen: 20.411 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

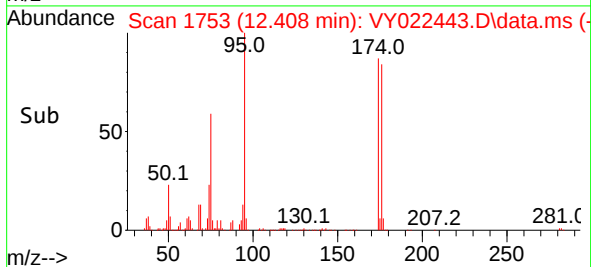
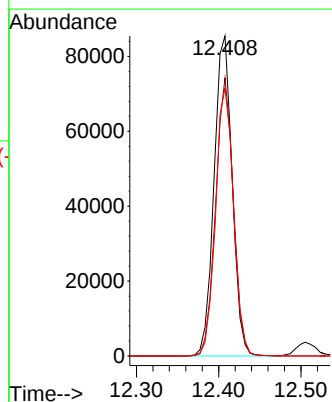
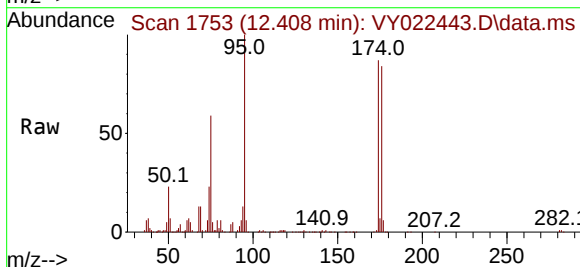
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

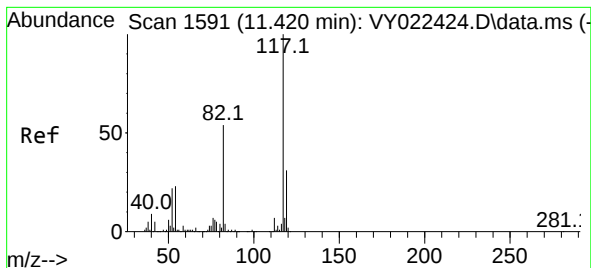
Tgt Ion:107 Resp: 32169
Ion Ratio Lower Upper
107 100
109 91.7 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 95 Resp: 131082
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.6
176 83.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBSD01

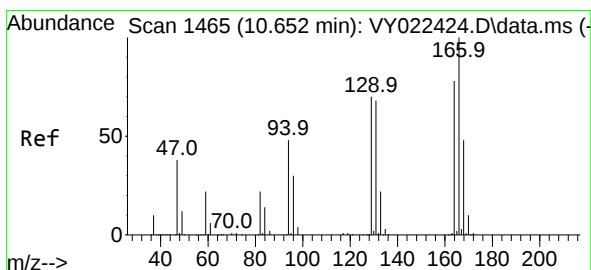
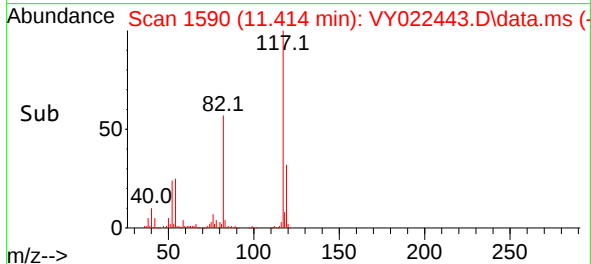
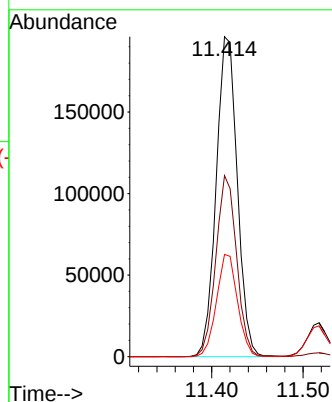
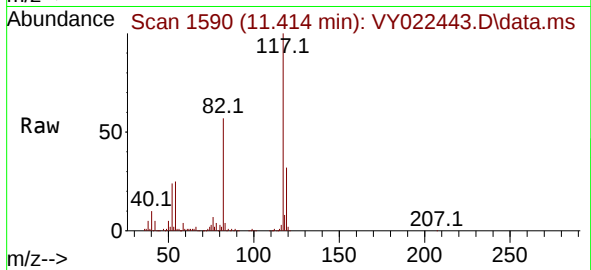
Tgt Ion:117 Resp: 315571

Ion Ratio Lower Upper

117 100

82 56.6 43.3 64.9

119 32.0 24.5 36.7



#64

Tetrachloroethene

Concen: 21.086 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Tgt Ion:164 Resp: 56670

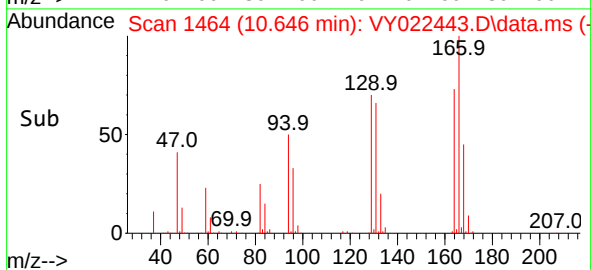
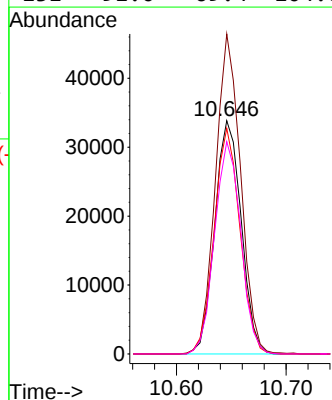
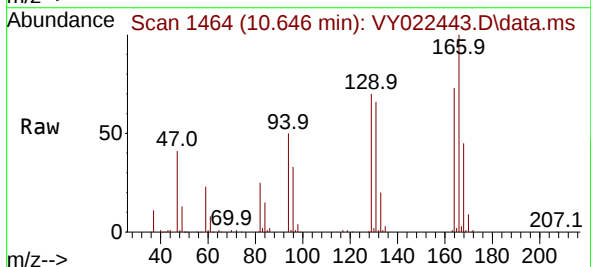
Ion Ratio Lower Upper

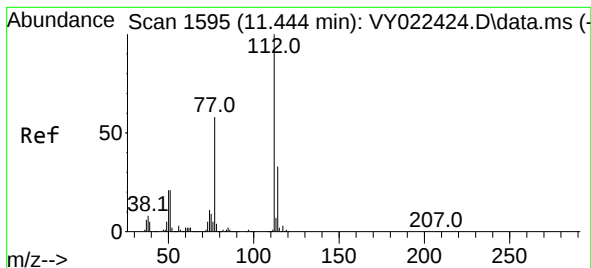
164 100

166 137.2 102.0 153.0

129 96.7 71.3 106.9

131 91.0 69.4 104.0





#65

Chlorobenzene

Concen: 20.574 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

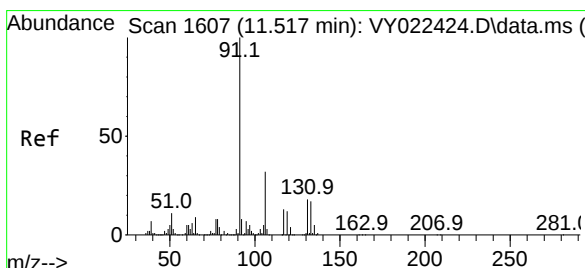
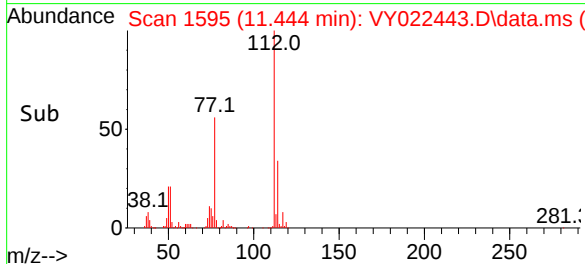
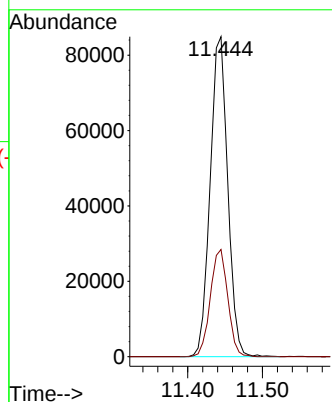
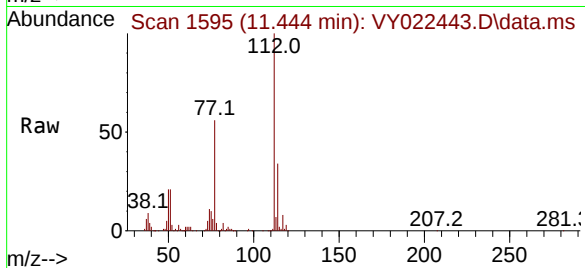
VY0528SBSD01

Tgt Ion:112 Resp: 138439

Ion Ratio Lower Upper

112 100

114 33.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.471 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

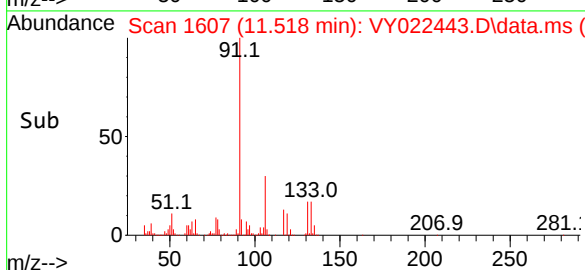
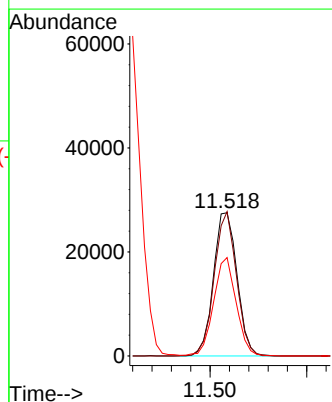
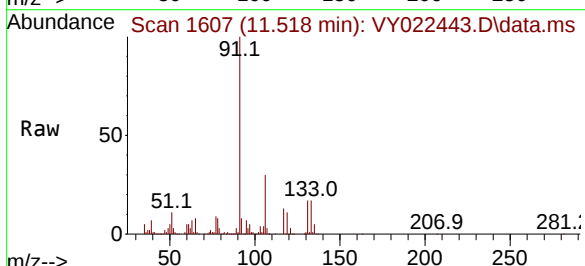
Tgt Ion:131 Resp: 46670

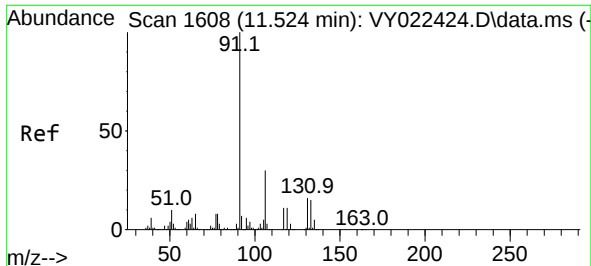
Ion Ratio Lower Upper

131 100

133 94.7 46.6 139.8

119 65.7 33.3 99.8





#67

Ethyl Benzene

Concen: 20.337 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

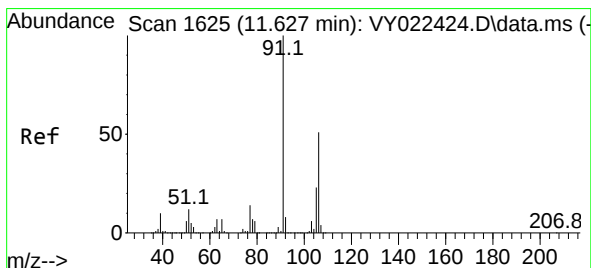
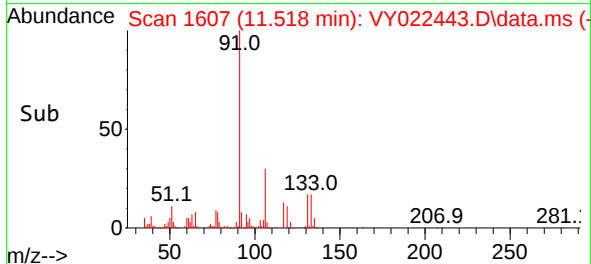
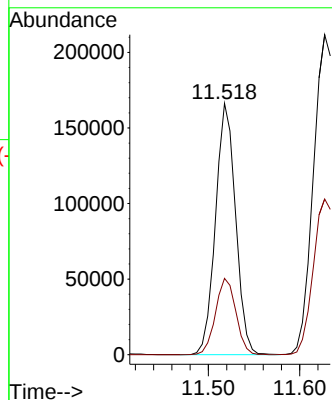
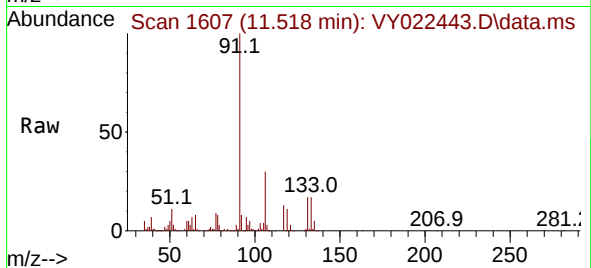
VY0528SBS01

Tgt Ion: 91 Resp: 254095

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 40.366 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022443.D

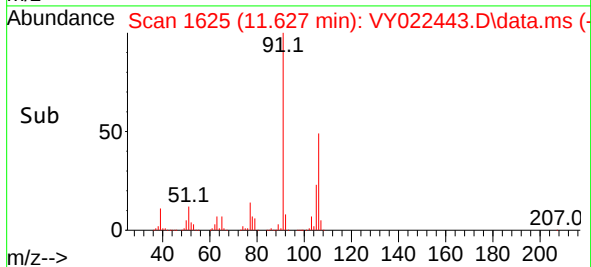
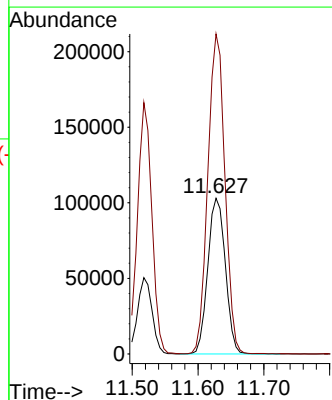
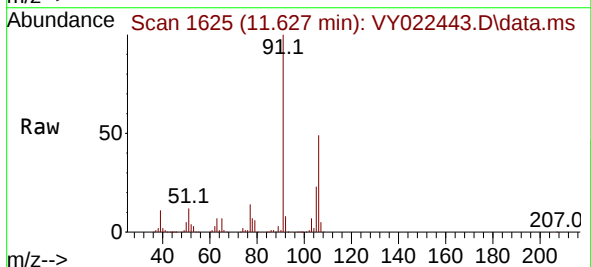
Acq: 28 May 2025 10:49

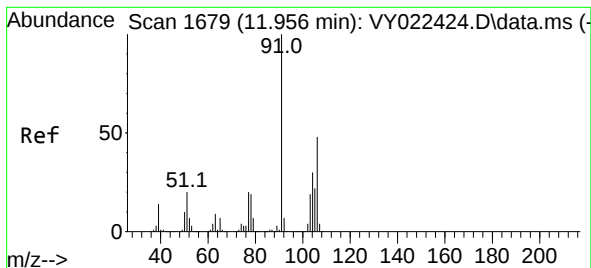
Tgt Ion: 106 Resp: 191217

Ion Ratio Lower Upper

106 100

91 200.1 159.8 239.8





#69

o-Xylene

Concen: 20.454 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

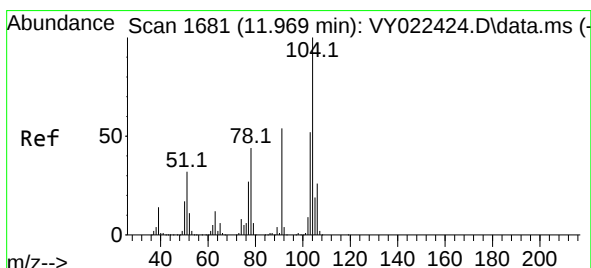
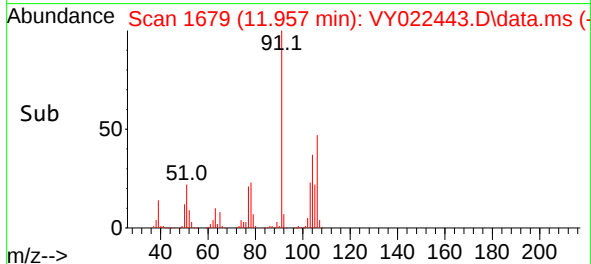
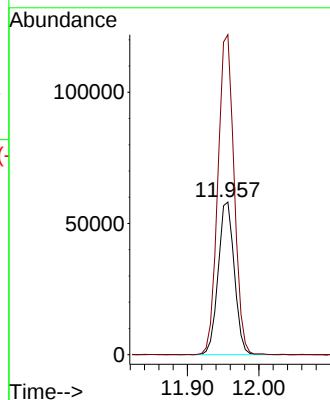
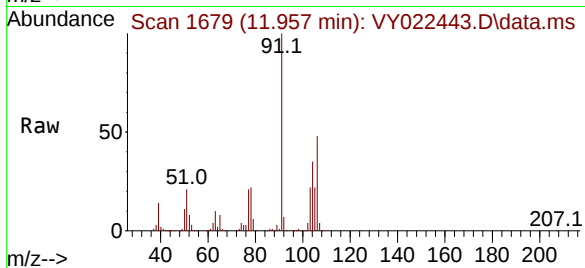
VY0528SBS01

Tgt Ion:106 Resp: 91063

Ion Ratio Lower Upper

106 100

91 211.0 106.3 318.9



#70

Styrene

Concen: 20.134 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

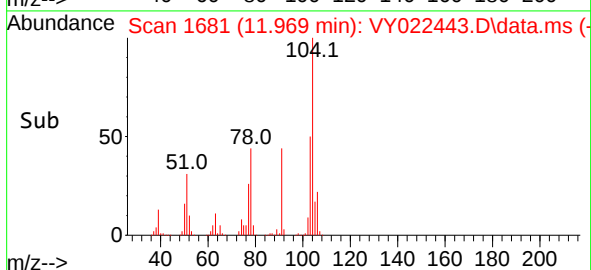
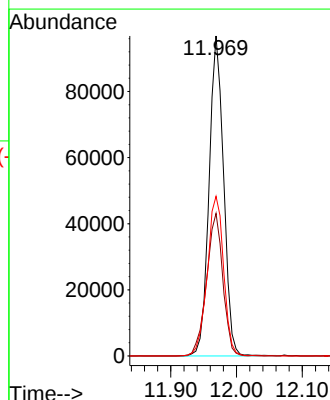
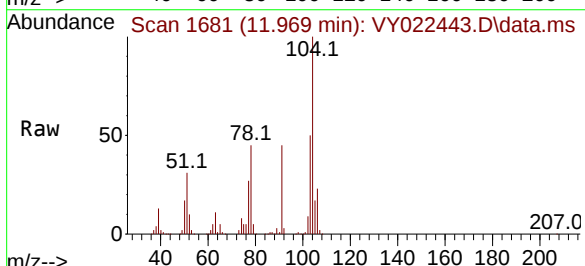
Tgt Ion:104 Resp: 149257

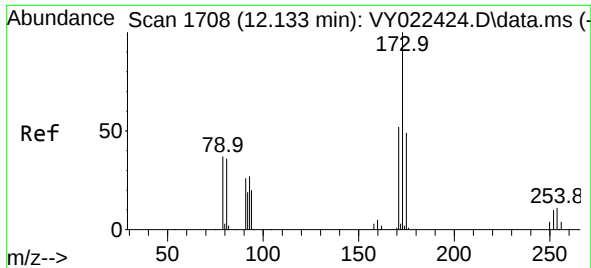
Ion Ratio Lower Upper

104 100

78 49.8 38.8 58.2

103 55.8 43.4 65.2

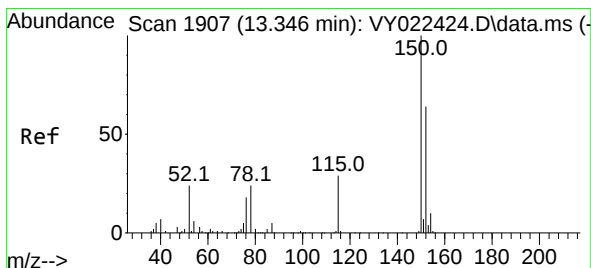
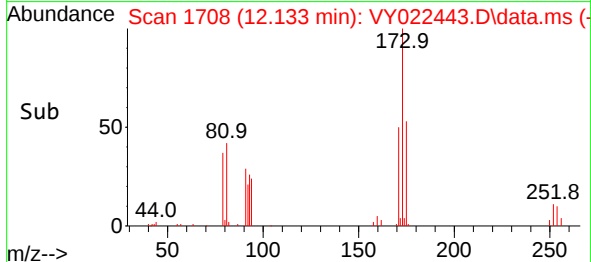
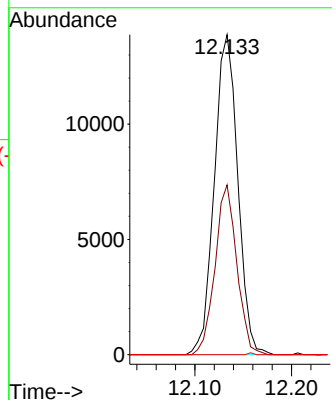
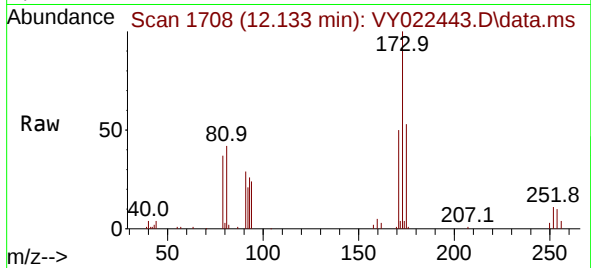




#71
Bromoform
Concen: 19.546 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

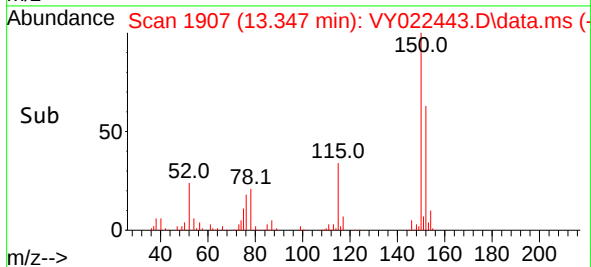
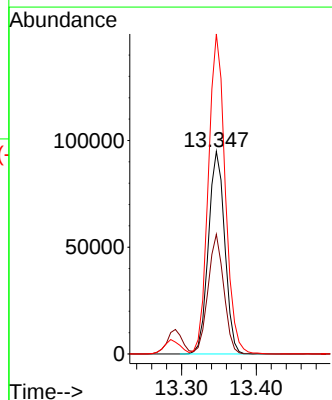
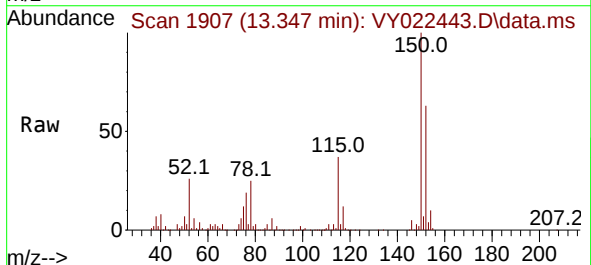
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

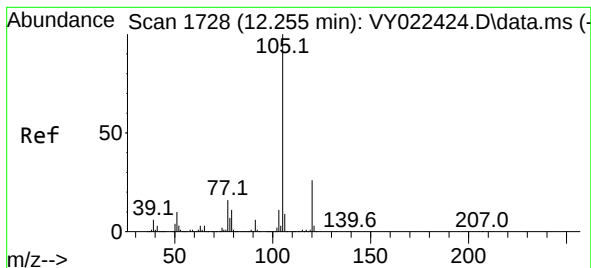
Tgt Ion:173 Resp: 23341
Ion Ratio Lower Upper
173 100
175 49.3 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion:152 Resp: 143884
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.3
150 163.3 0.0 345.8





#73

Isopropylbenzene

Concen: 20.956 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

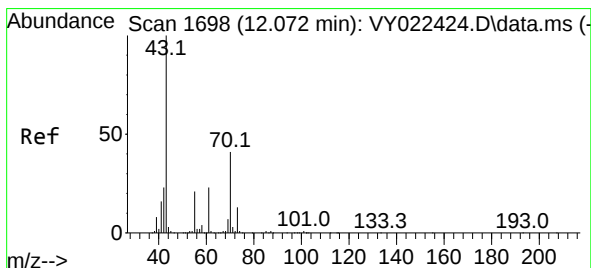
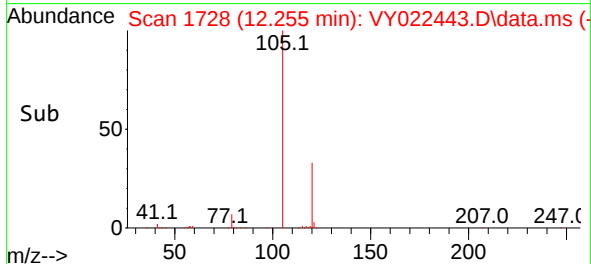
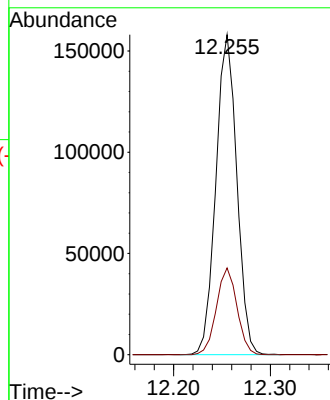
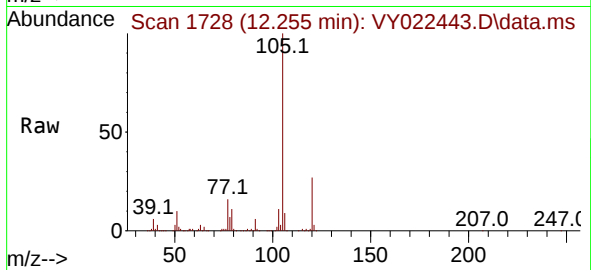
VY0528SBS01

Tgt Ion:105 Resp: 237313

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 20.465 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Tgt Ion: 43 Resp: 56709

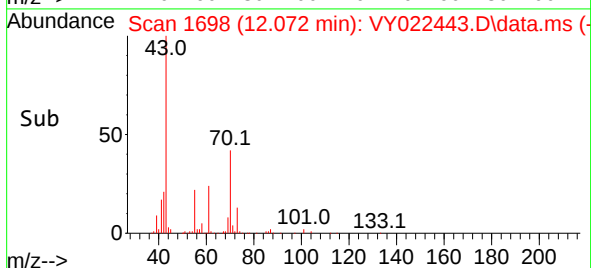
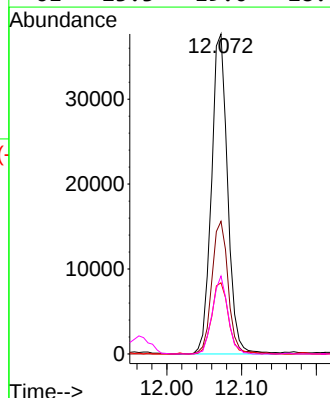
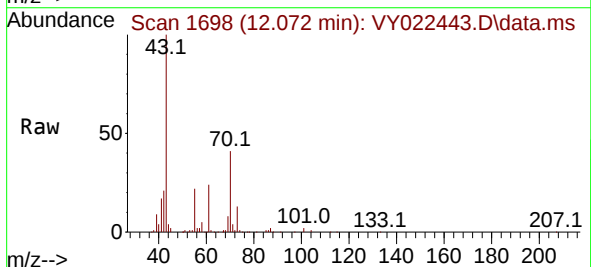
Ion Ratio Lower Upper

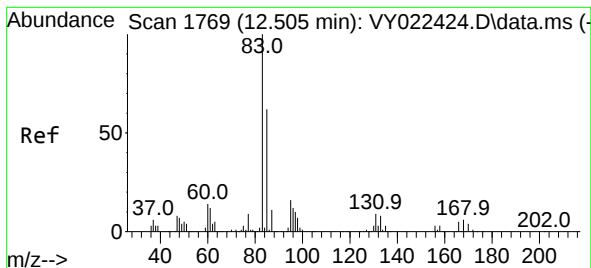
43 100

70 41.7 33.0 49.4

55 23.1 17.5 26.3

61 23.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.570 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

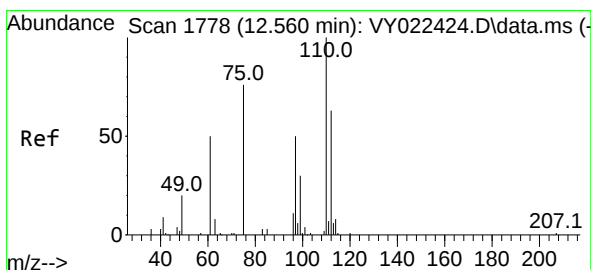
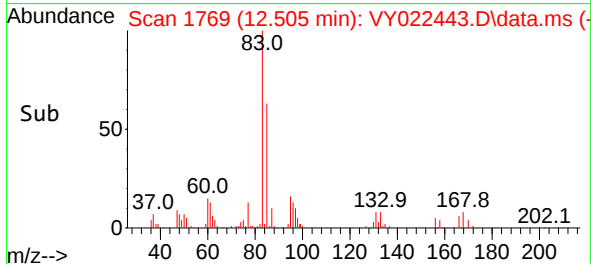
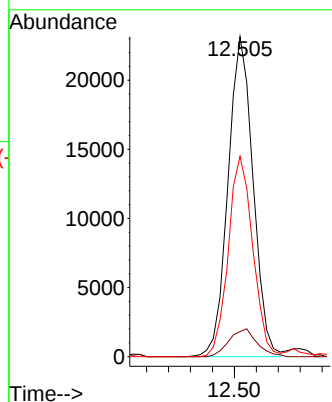
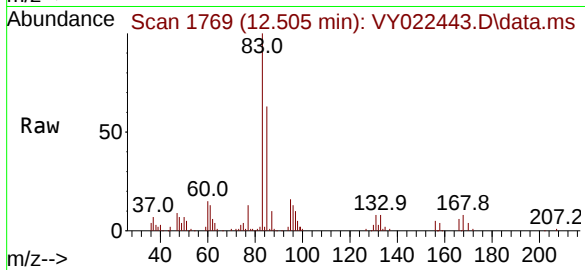
Tgt Ion: 83 Resp: 36700

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 61.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 36.425 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY022443.D

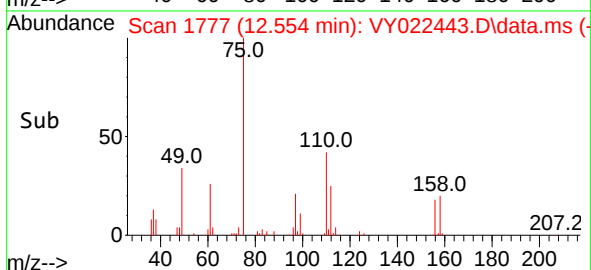
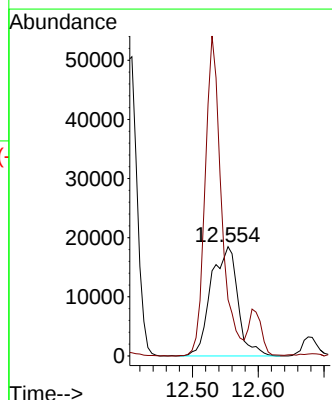
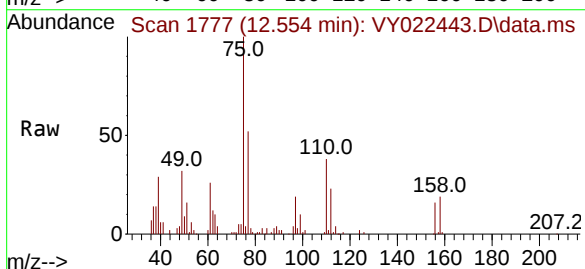
Acq: 28 May 2025 10:49

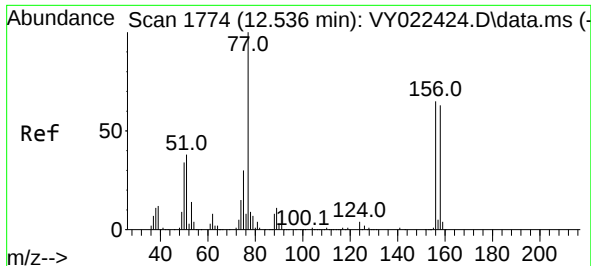
Tgt Ion: 75 Resp: 52497

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

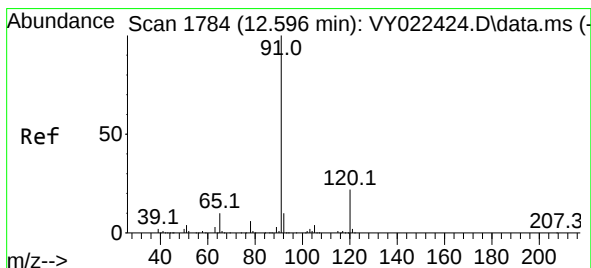
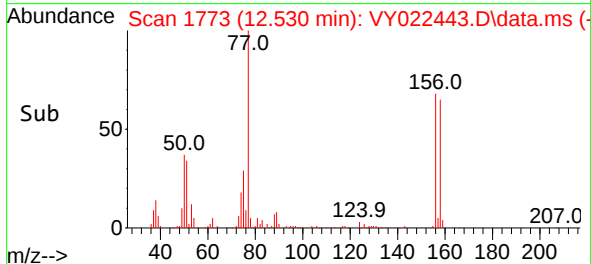
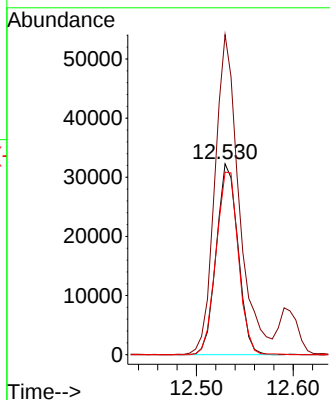
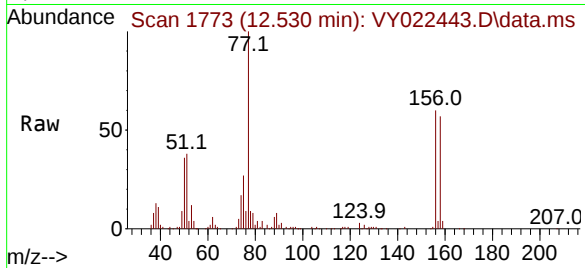




#77
Bromobenzene
Concen: 20.581 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

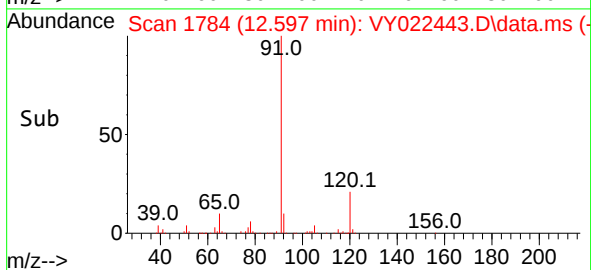
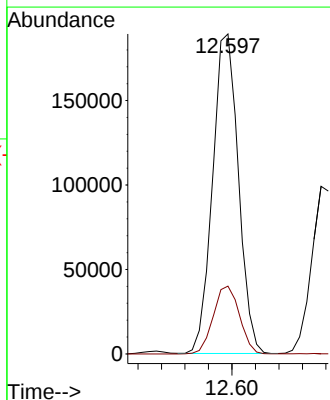
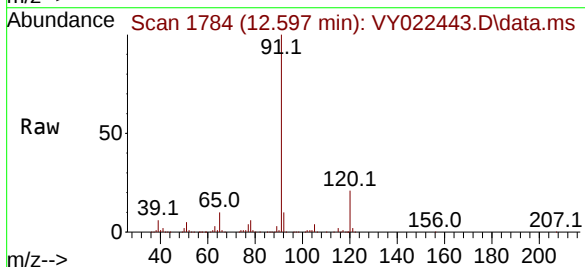
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

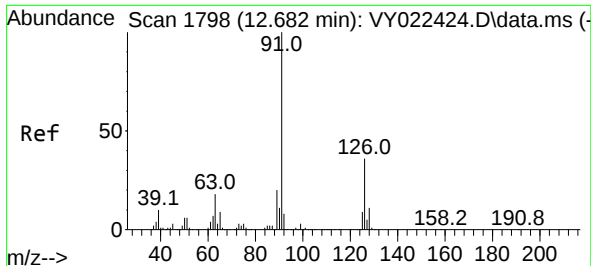
Tgt Ion:156 Resp: 50154
Ion Ratio Lower Upper
156 100
77 187.7 91.4 274.2
158 98.8 48.1 144.3



#78
n-propylbenzene
Concen: 21.239 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 91 Resp: 288630
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.5

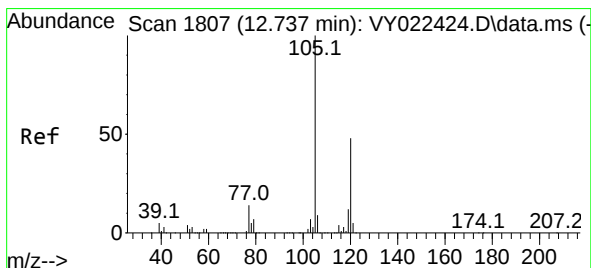
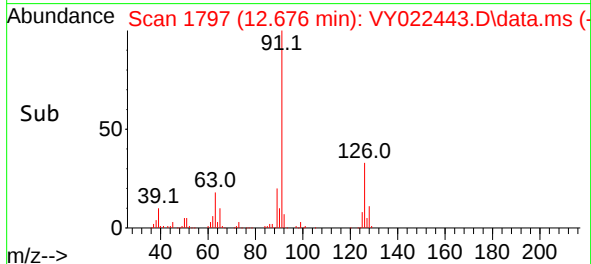
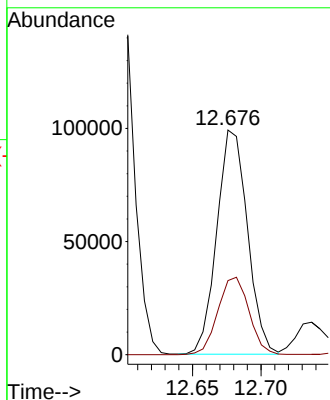
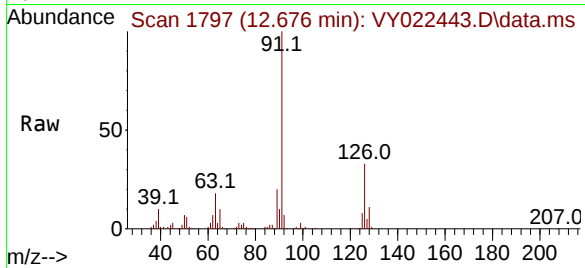




#79
2-Chlorotoluene
Concen: 20.976 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

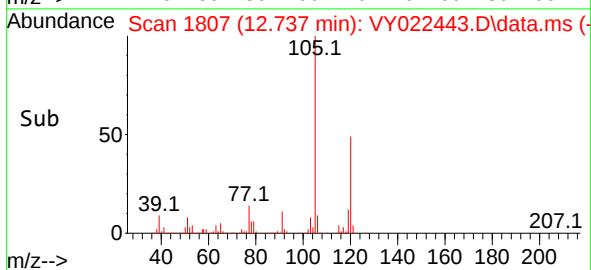
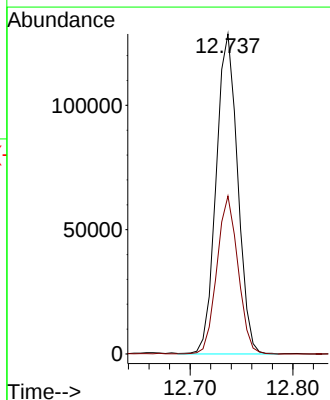
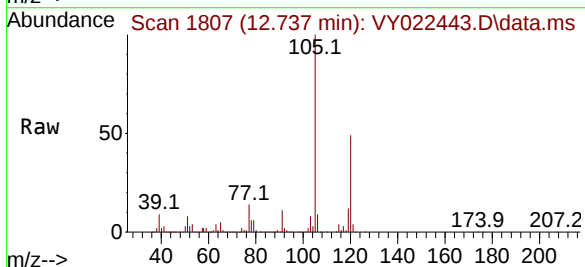
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

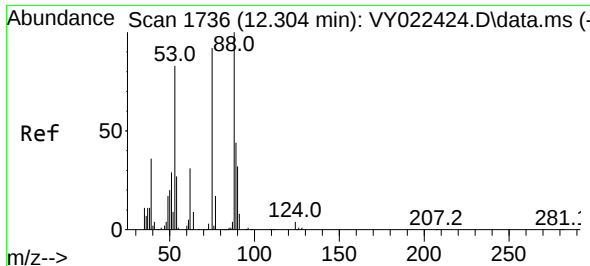
Tgt Ion: 91 Resp: 154312
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 21.154 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion:105 Resp: 187176
Ion Ratio Lower Upper
105 100
120 48.4 24.3 73.0

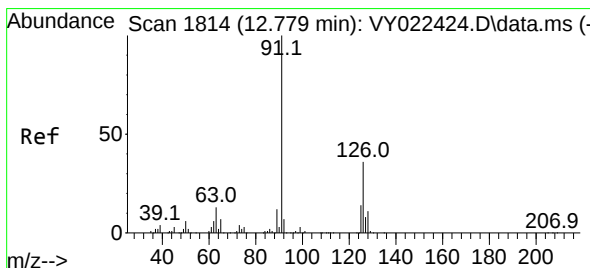
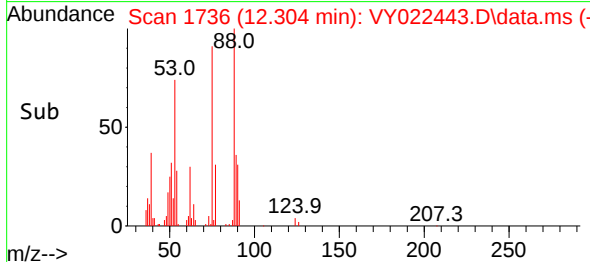
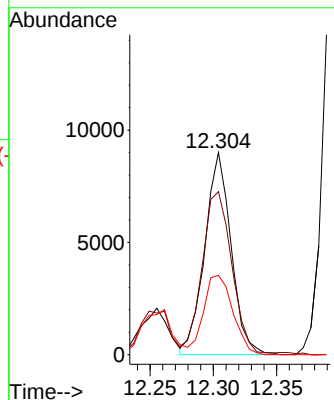
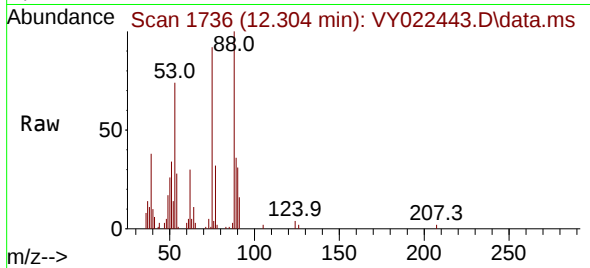




#81
trans-1,4-Dichloro-2-butene
Concen: 20.477 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

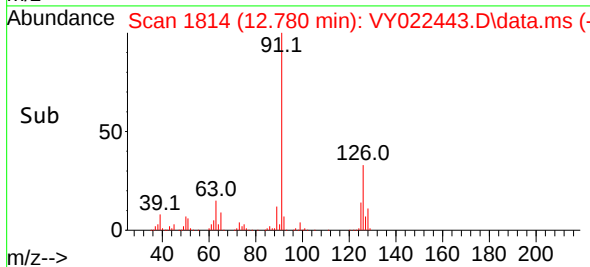
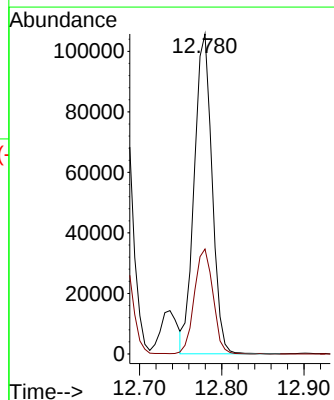
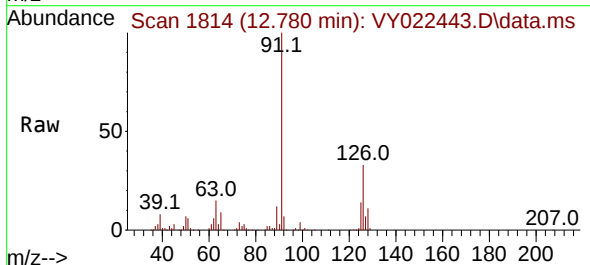
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

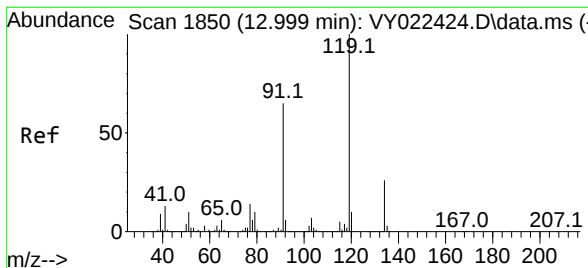
Tgt Ion: 75 Resp: 13050
Ion Ratio Lower Upper
75 100
53 89.4 75.1 112.7
89 43.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.929 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 91 Resp: 158567
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.210 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

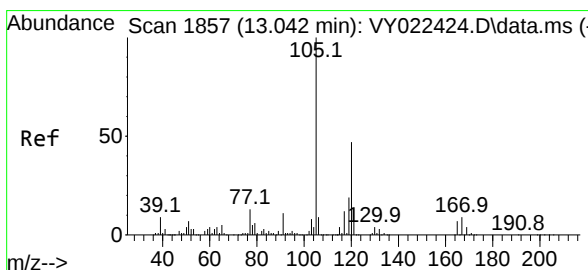
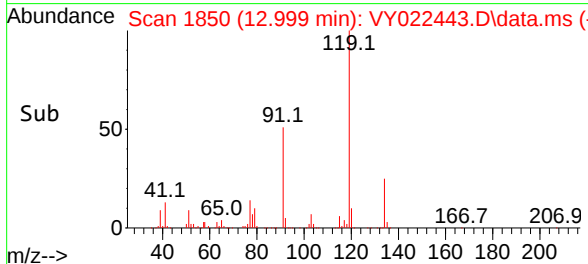
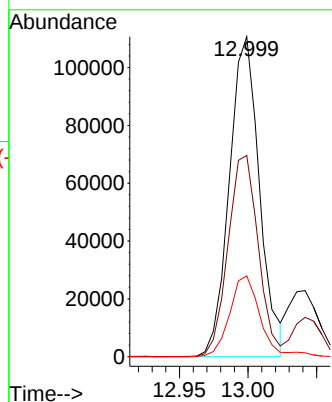
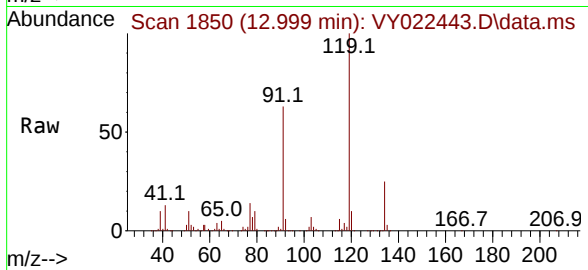
Tgt Ion:119 Resp: 169558

Ion Ratio Lower Upper

119 100

91 63.3 31.8 95.3

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.635 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022443.D

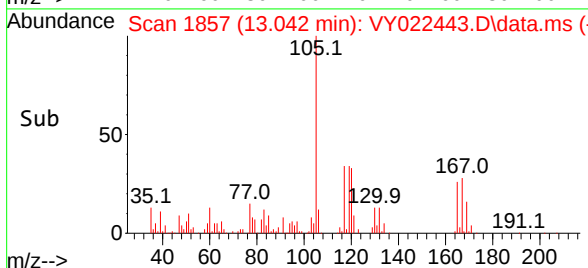
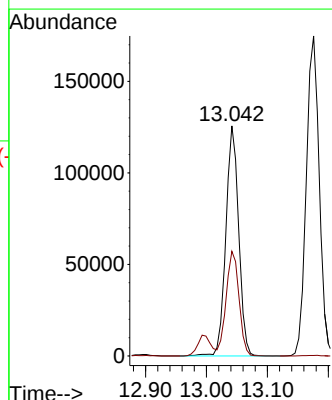
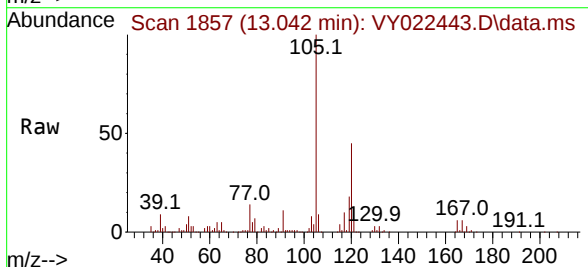
Acq: 28 May 2025 10:49

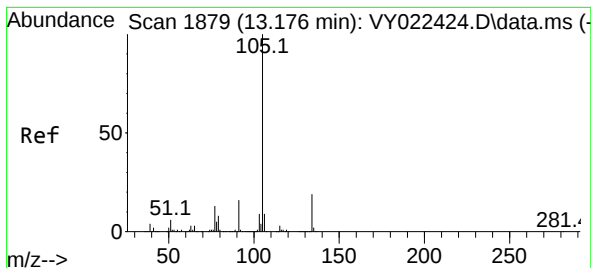
Tgt Ion:105 Resp: 183737

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 21.685 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

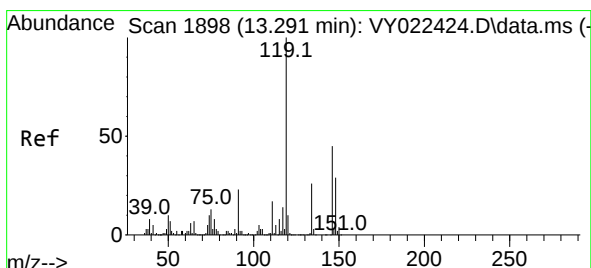
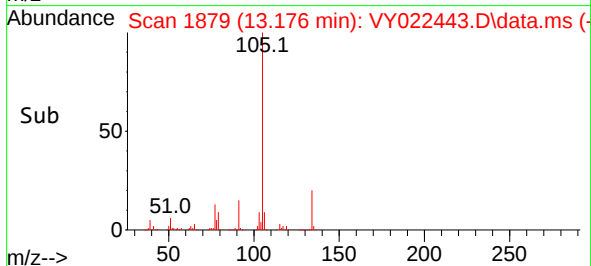
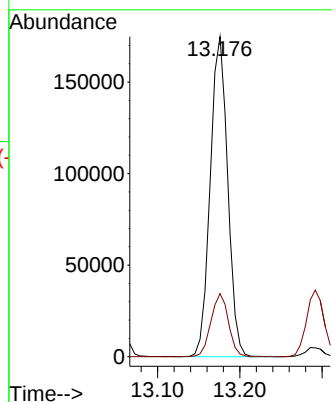
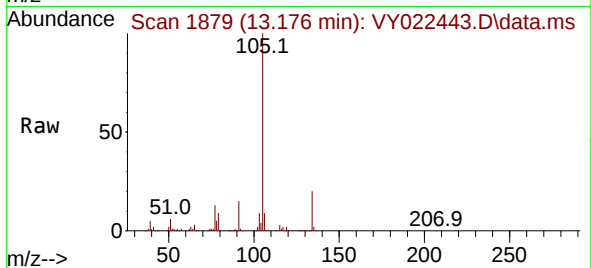
VY0528SBS01

Tgt Ion:105 Resp: 257092

Ion Ratio Lower Upper

105 100

134 19.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 20.763 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

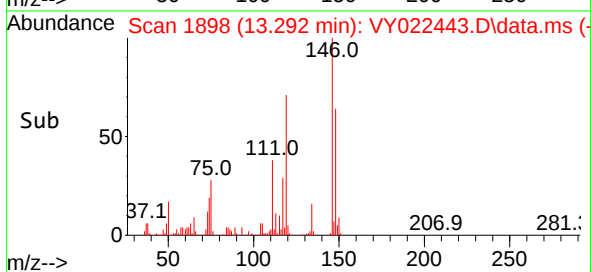
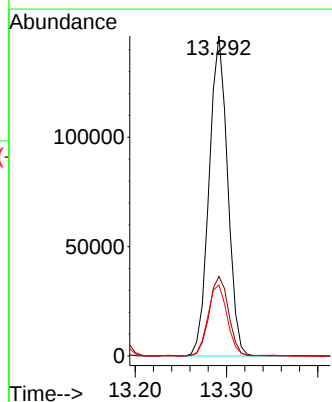
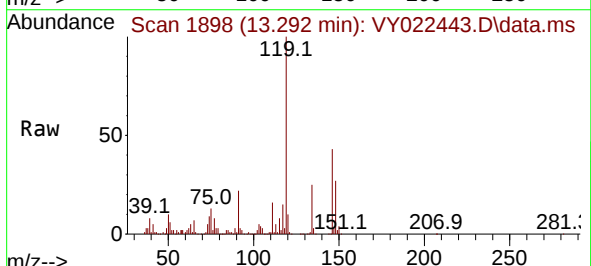
Tgt Ion:119 Resp: 205559

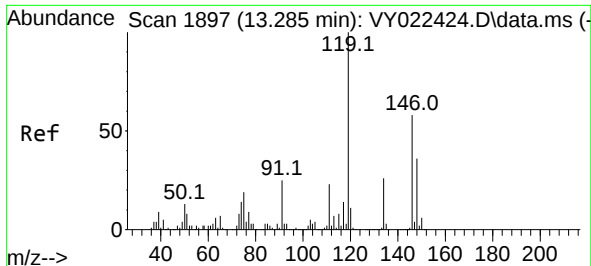
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.3 11.6 34.8

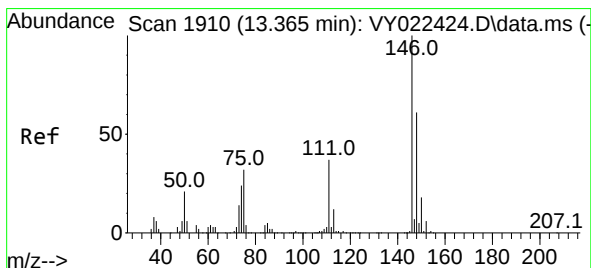
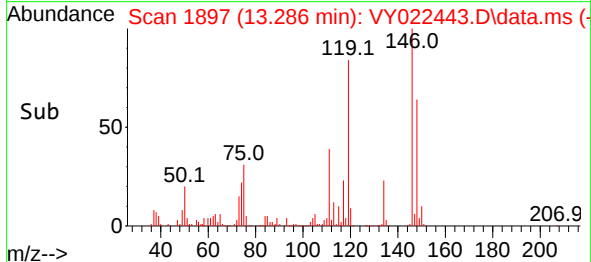
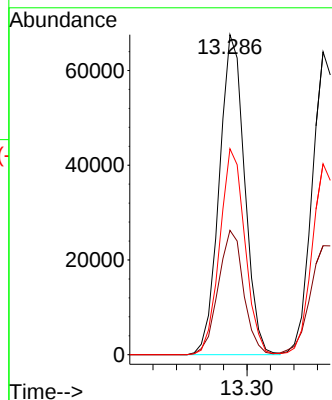
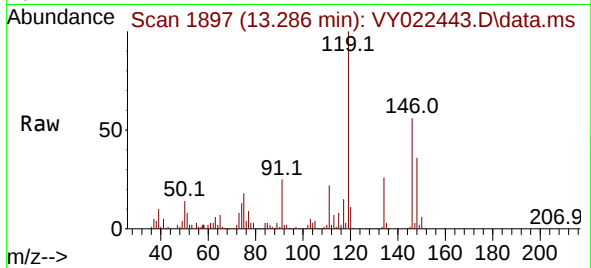




#87
 1,3-Dichlorobenzene
 Concen: 20.643 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

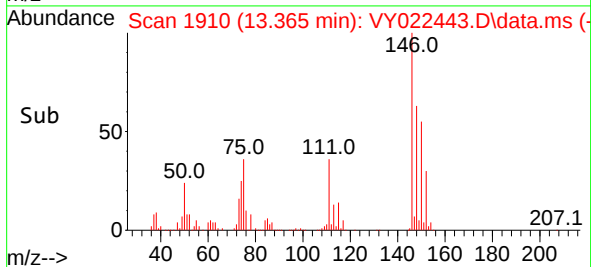
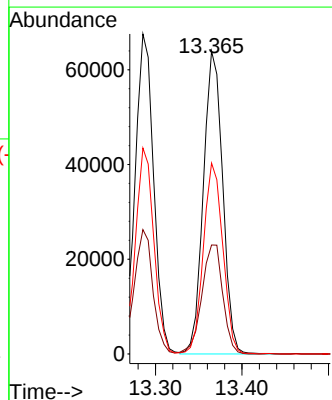
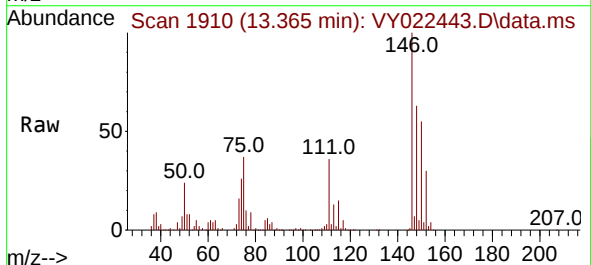
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

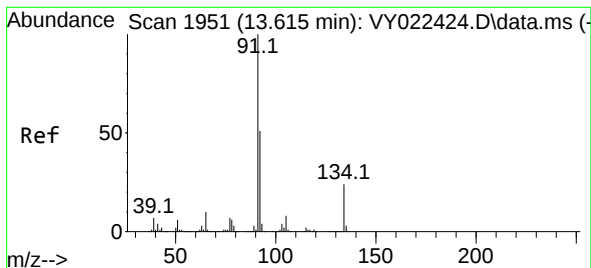
Tgt Ion:146 Resp: 101221
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.8
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 21.117 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022443.D
 Acq: 28 May 2025 10:49

Tgt Ion:146 Resp: 99007
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.7 56.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 21.690 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBSD01

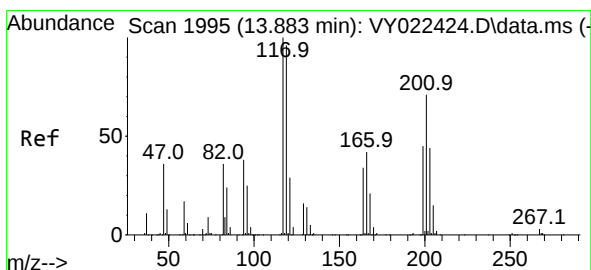
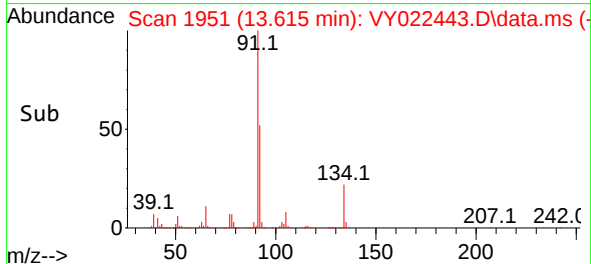
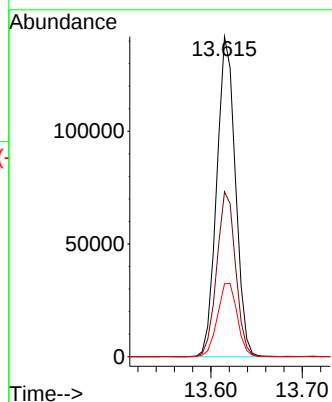
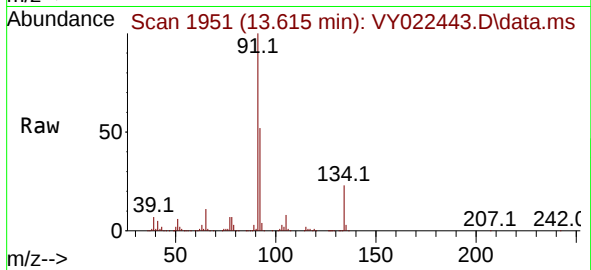
Tgt Ion: 91 Resp: 201335

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.6

134 24.4 12.4 37.0



#90

Hexachloroethane

Concen: 20.796 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022443.D

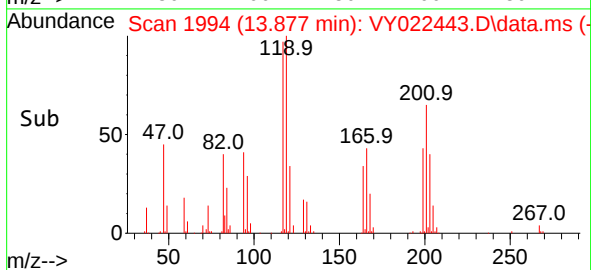
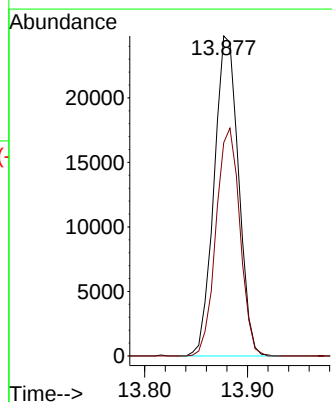
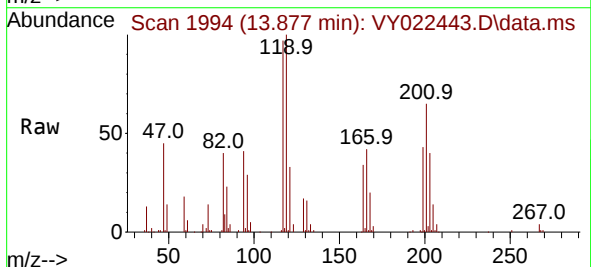
Acq: 28 May 2025 10:49

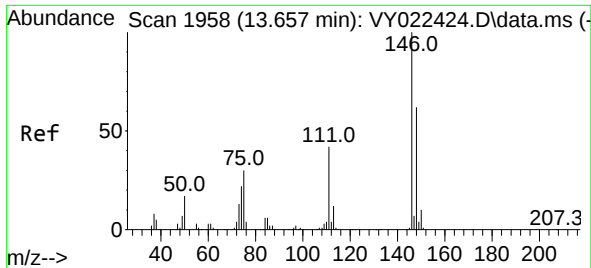
Tgt Ion: 117 Resp: 40971

Ion Ratio Lower Upper

117 100

201 69.5 35.0 105.0

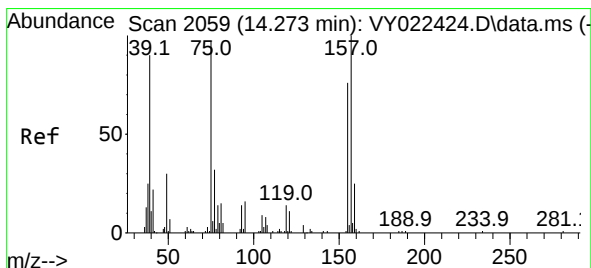
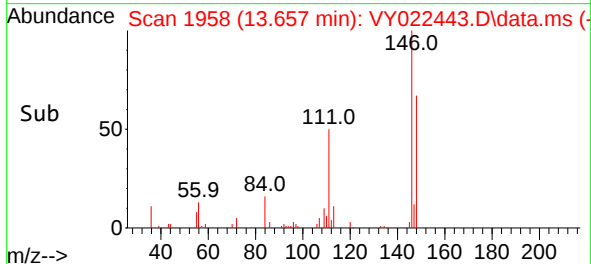
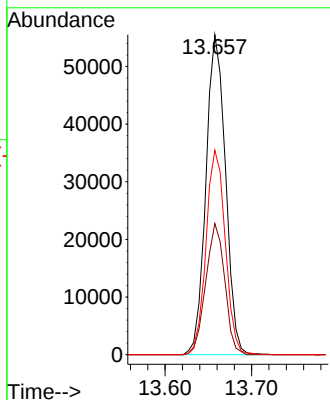
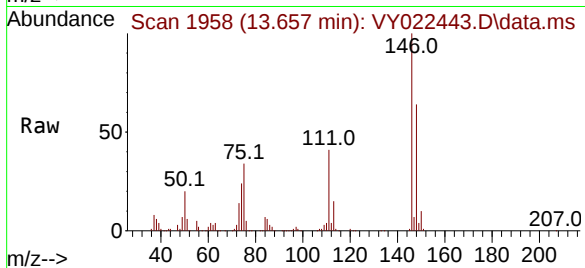




#91
1,2-Dichlorobenzene
Concen: 21.250 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

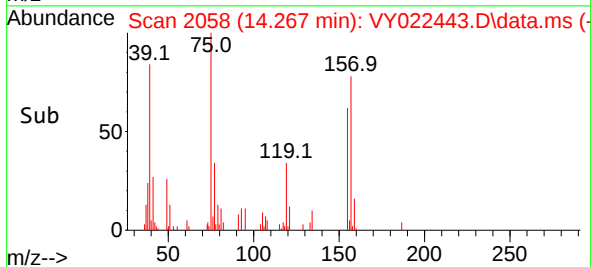
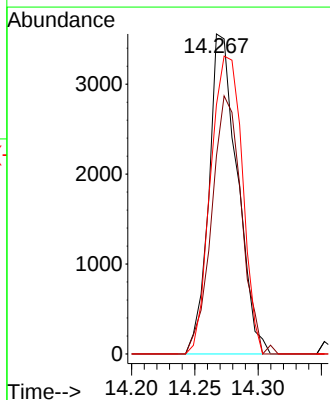
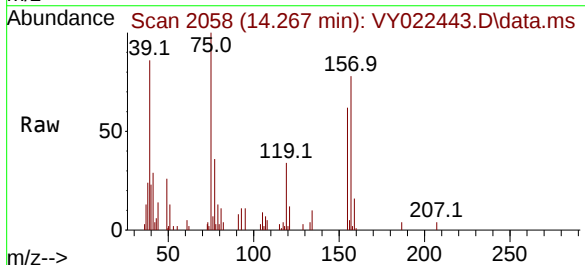
Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBSD01

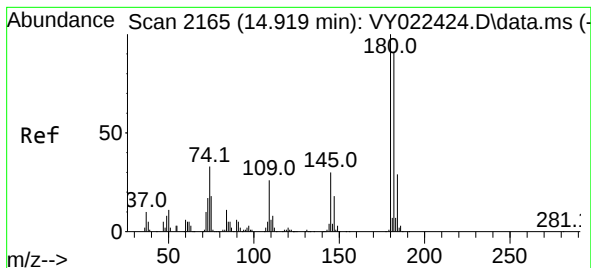
Tgt Ion:146 Resp: 87029
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.6
148 63.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.250 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY022443.D
Acq: 28 May 2025 10:49

Tgt Ion: 75 Resp: 5583
Ion Ratio Lower Upper
75 100
155 84.3 42.3 126.8
157 103.3 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 21.293 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

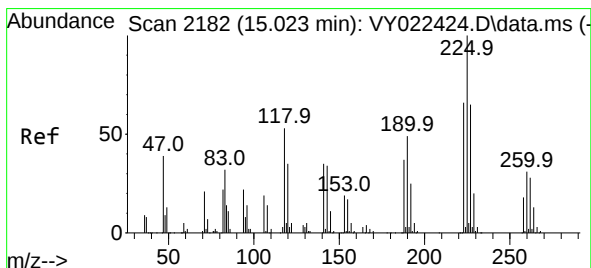
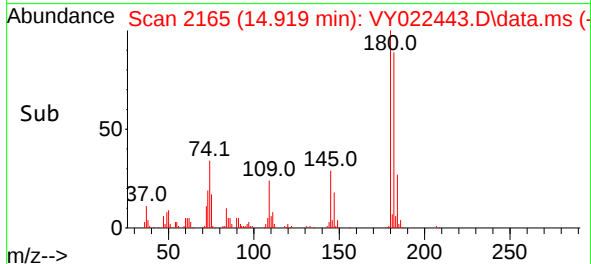
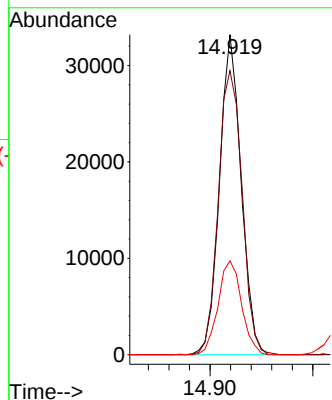
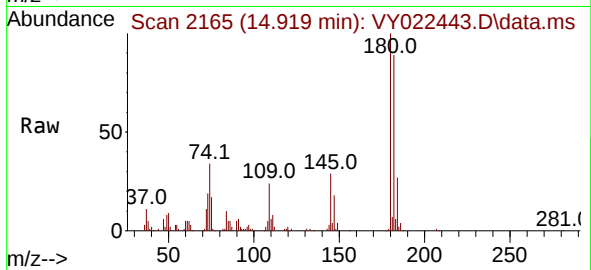
Tgt Ion:180 Resp: 48345

Ion Ratio Lower Upper

180 100

182 97.6 46.2 138.6

145 31.9 14.2 42.8



#94

Hexachlorobutadiene

Concen: 22.397 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

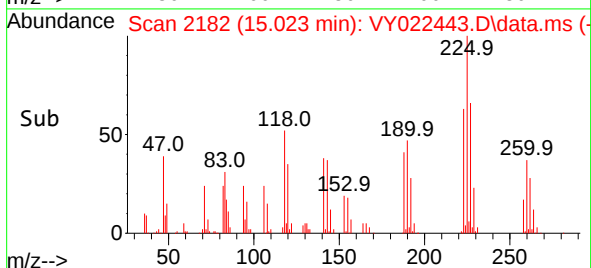
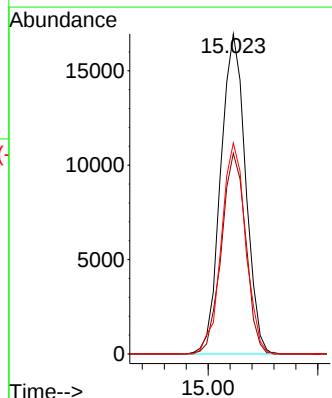
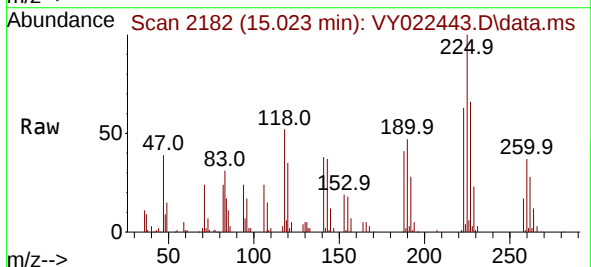
Tgt Ion:225 Resp: 26687

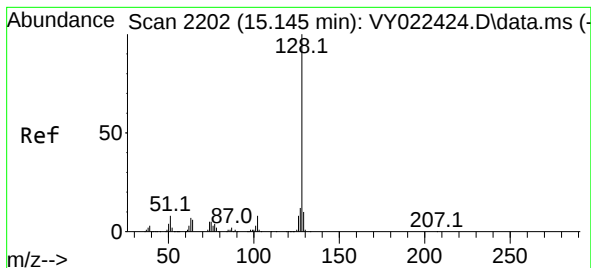
Ion Ratio Lower Upper

225 100

223 61.2 32.6 97.7

227 64.2 33.0 99.0





#95

Naphthalene

Concen: 21.250 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

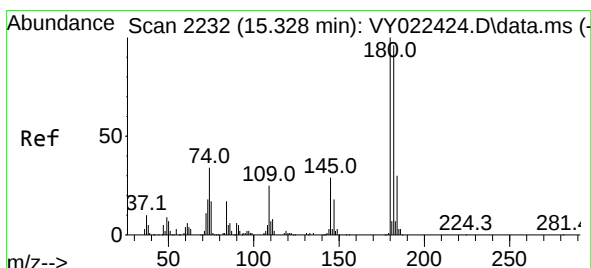
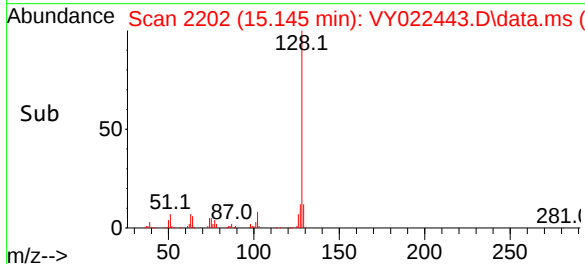
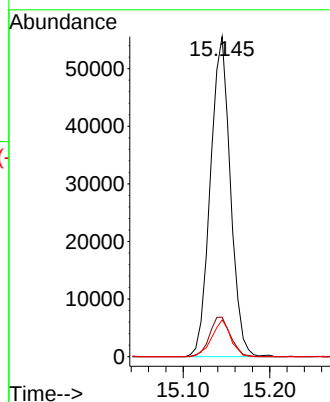
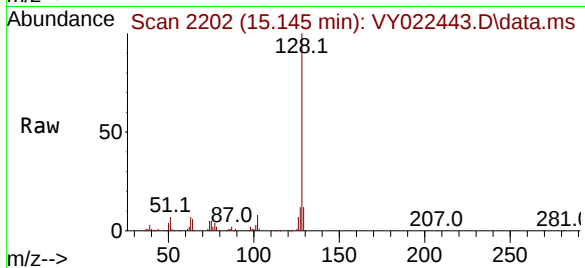
Tgt Ion:128 Resp: 89195

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 21.934 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022443.D

Acq: 28 May 2025 10:49

Tgt Ion:180 Resp: 40843

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.3

145 31.3 14.9 44.5

