

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
 Data File : VY023965.D
 Acq On : 15 Dec 2025 10:39
 Operator : SY/MD
 Sample : VY1215SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

Quant Time: Dec 16 02:10:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	520415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	734348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	614369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	320830	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	214027	46.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.646	113	253691	52.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.115	98	942082	52.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.413	95	304173	50.963	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	73023	20.234	ug/l	99
3) Chloromethane	2.080	50	82548	17.805	ug/l	99
4) Vinyl Chloride	2.220	62	100783	17.592	ug/l	99
5) Bromomethane	2.610	94	93667	19.204	ug/l	97
6) Chloroethane	2.750	64	71217	17.644	ug/l	99
7) Trichlorofluoromethane	3.074	101	172374	19.986	ug/l	98
8) Diethyl Ether	3.470	74	42936	18.121	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	104896	20.869	ug/l	99
10) Methyl Iodide	4.025	142	104406	16.794	ug/l	99
11) Tert butyl alcohol	4.896	59	18893	70.909	ug/l #	87
12) 1,1-Dichloroethene	3.811	96	94029	19.910	ug/l	94
13) Acrolein	3.665	56	45603	107.015	ug/l	100
14) Allyl chloride	4.409	41	109402	18.104	ug/l	97
15) Acrylonitrile	5.085	53	76657	81.202	ug/l	99
16) Acetone	3.890	43	111710	70.573	ug/l	98
17) Carbon Disulfide	4.128	76	219162	17.475	ug/l	98
18) Methyl Acetate	4.409	43	29547	14.193	ug/l	95
19) Methyl tert-butyl Ether	5.140	73	203905	18.055	ug/l	98
20) Methylene Chloride	4.640	84	108351	20.017	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	101265	19.532	ug/l	90
22) Diisopropyl ether	6.036	45	254141	18.470	ug/l	94
23) Vinyl Acetate	5.982	43	652946	85.402	ug/l	98
24) 1,1-Dichloroethane	5.933	63	168750	19.676	ug/l	98
25) 2-Butanone	6.914	43	114355	80.421	ug/l	99
26) 2,2-Dichloropropane	6.902	77	163535	20.421	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	120787	20.295	ug/l	96
28) Bromochloromethane	7.256	49	64568	19.983	ug/l	89
29) Tetrahydrofuran	7.280	42	54259	74.820	ug/l	96
30) Chloroform	7.439	83	191125	20.401	ug/l	99
31) Cyclohexane	7.713	56	146461	18.561	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	177620	20.445	ug/l	98
36) 1,1-Dichloropropene	7.847	75	131625	20.141	ug/l	99
37) Ethyl Acetate	7.000	43	44600	16.759	ug/l	99
38) Carbon Tetrachloride	7.829	117	169092	21.346	ug/l	97
39) Methylcyclohexane	9.121	83	172872	19.799	ug/l	97
40) Benzene	8.091	78	396935	19.945	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	24792	16.934	ug/l	94
42) 1,2-Dichloroethane	8.170	62	97403	18.664	ug/l	99
43) Isopropyl Acetate	8.207	43	78974	15.757	ug/l #	80
44) Trichloroethene	8.877	130	117819	20.417	ug/l	99
45) 1,2-Dichloropropane	9.152	63	88595	19.731	ug/l	97
46) Dibromomethane	9.243	93	51140	19.337	ug/l	95
47) Bromodichloromethane	9.432	83	138792	19.949	ug/l	98
48) Methyl methacrylate	9.231	41	37277	15.976	ug/l	94
49) 1,4-Dioxane	9.243	88	9296	315.295	ug/l	100
51) 4-Methyl-2-Pentanone	10.005	43	208630	78.563	ug/l	98
52) Toluene	10.176	92	264974	20.121	ug/l	100
53) t-1,3-Dichloropropene	10.401	75	112947	18.786	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	139934	19.752	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	69416	19.070	ug/l	96
56) Ethyl methacrylate	10.444	69	73877	17.120	ug/l	95
57) 1,3-Dichloropropane	10.725	76	108671	18.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	146788	78.531	ug/l	96
59) 2-Hexanone	10.767	43	162880	80.815	ug/l	97
60) Dibromochloromethane	10.920	129	98766	19.598	ug/l	100
61) 1,2-Dibromoethane	11.023	107	63704	18.886	ug/l	99
64) Tetrachloroethene	10.658	164	141499	21.439	ug/l	93
65) Chlorobenzene	11.450	112	299740	21.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	105212	21.073	ug/l	99
67) Ethyl Benzene	11.523	91	486099	20.379	ug/l	99
68) m/p-Xylenes	11.633	106	391856	41.384	ug/l	100
69) o-Xylene	11.962	106	181012	20.436	ug/l	100
70) Styrene	11.974	104	293764	20.529	ug/l	99
71) Bromoform	12.139	173	59064	20.074	ug/l #	98
73) Isopropylbenzene	12.261	105	495694	21.141	ug/l	99
74) N-amyl acetate	12.078	43	62276	14.974	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	64055	17.942	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	86891	32.017	ug/l #	100
77) Bromobenzene	12.541	156	122190	21.003	ug/l	93
78) n-propylbenzene	12.602	91	566390	20.762	ug/l	98
79) 2-Chlorotoluene	12.688	91	321751	20.763	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	393970	21.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	20671	17.338	ug/l	98
82) 4-Chlorotoluene	12.785	91	328268	20.578	ug/l	99
83) tert-Butylbenzene	13.005	119	371318	21.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	384759	20.764	ug/l	99
85) sec-Butylbenzene	13.181	105	532727	21.130	ug/l	99
86) p-Isopropyltoluene	13.297	119	447672	20.978	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	235284	20.826	ug/l	99
88) 1,4-Dichlorobenzene	13.370	146	229337	20.593	ug/l	99
89) n-Butylbenzene	13.620	91	374940	20.082	ug/l	99
90) Hexachloroethane	13.883	117	91368	20.982	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	198155	20.243	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9012	16.303	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	111403	19.364	ug/l	99
94) Hexachlorobutadiene	15.029	225	81137	21.516	ug/l	99
95) Naphthalene	15.151	128	146123	16.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	91196	18.628	ug/l	99

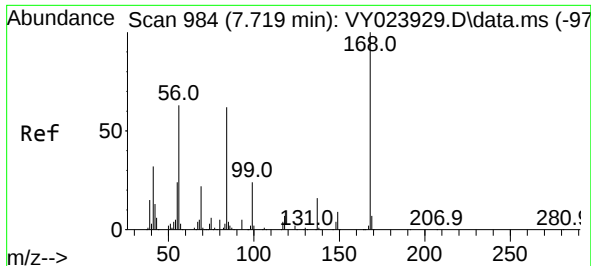
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121525\
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Response via : Initial Calibration

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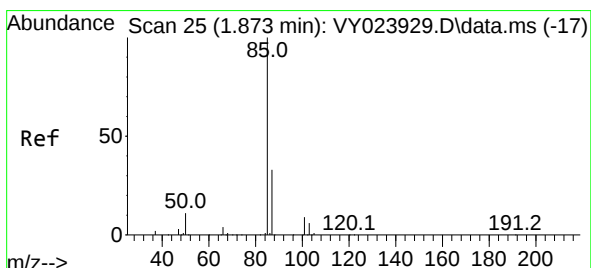
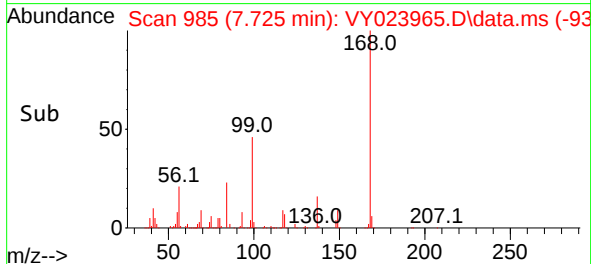
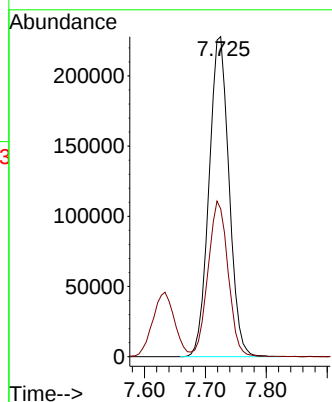
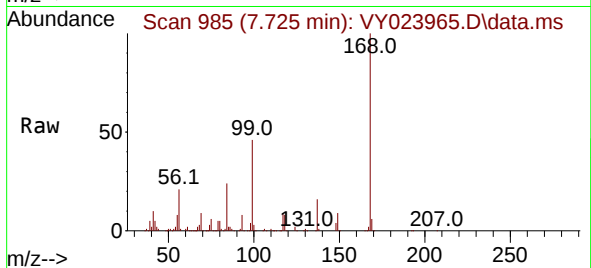
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

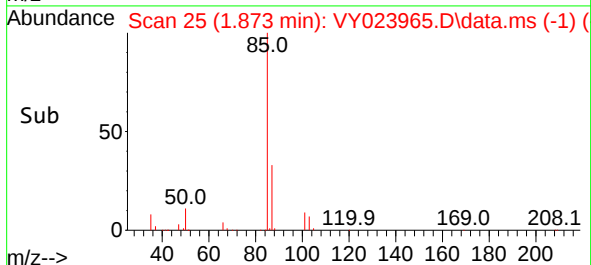
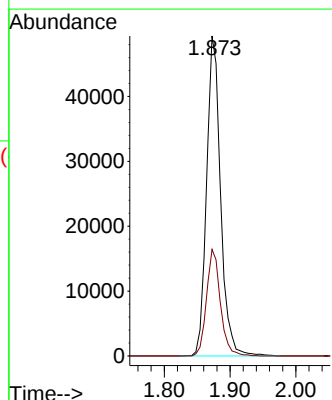
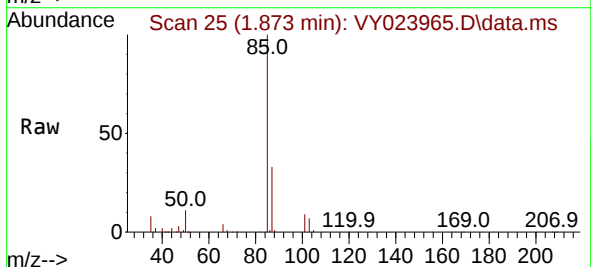
Instrument :
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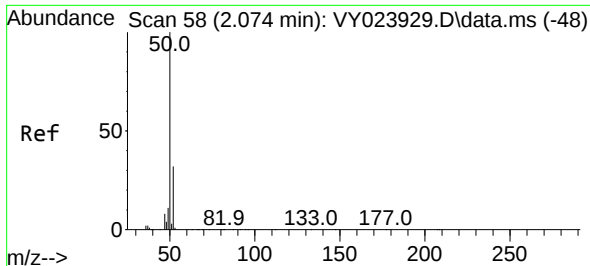
Tgt Ion:168 Resp: 520415
Ion Ratio Lower Upper
168 100
99 46.1 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 20.234 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 85 Resp: 73023
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

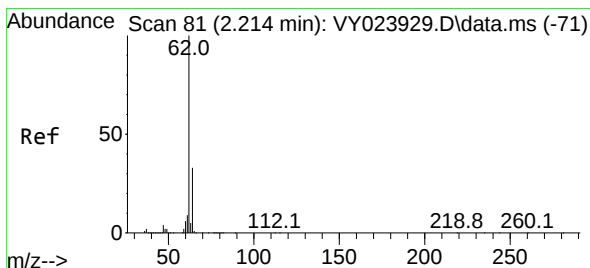
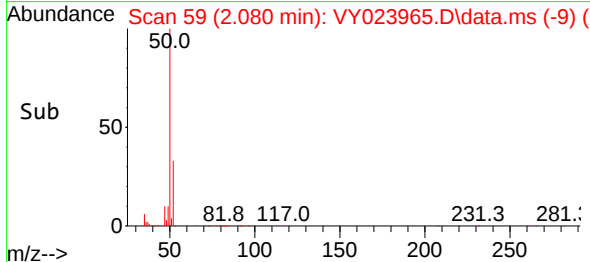
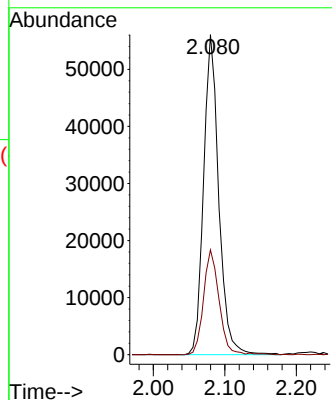
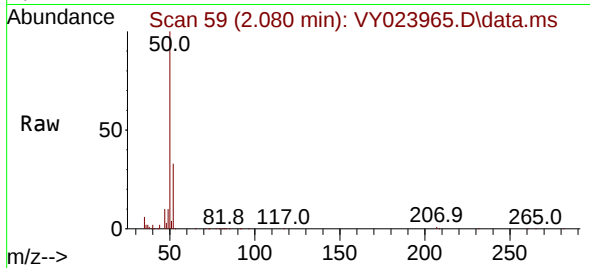




#3
Chloromethane
Concen: 17.805 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

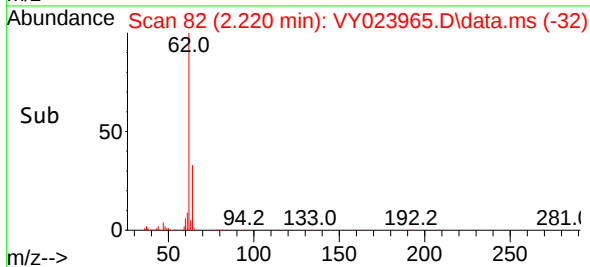
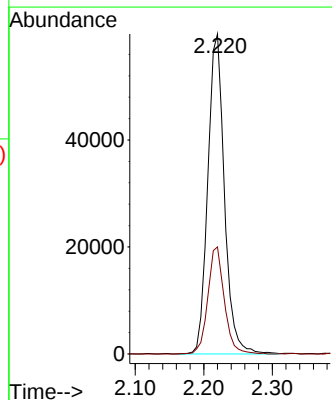
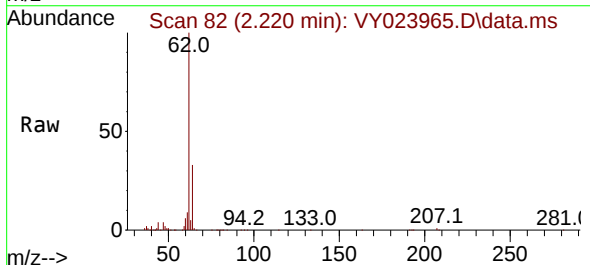
Instrument :
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ClientSampleId :
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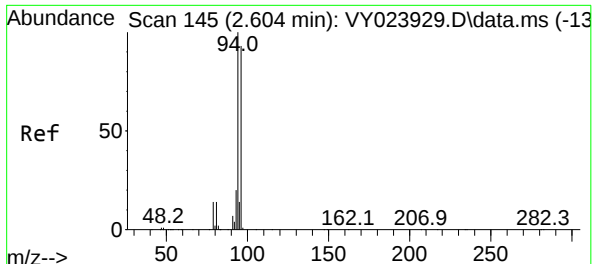
Tgt Ion: 50 Resp: 82548
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 17.592 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 62 Resp: 100783
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.4

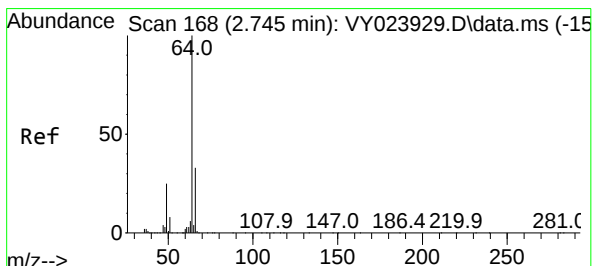
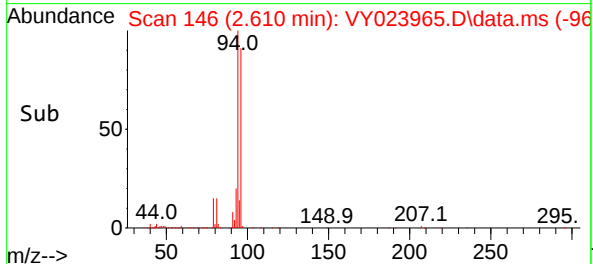
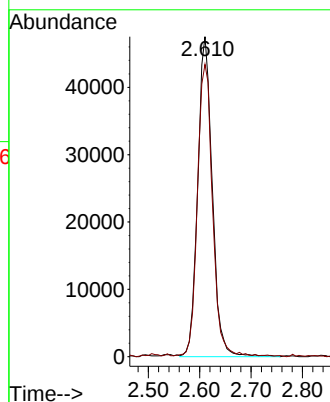
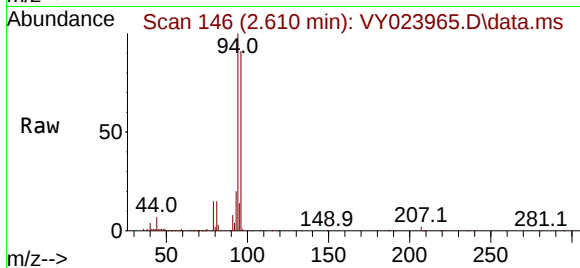




#5
Bromomethane
Concen: 19.204 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

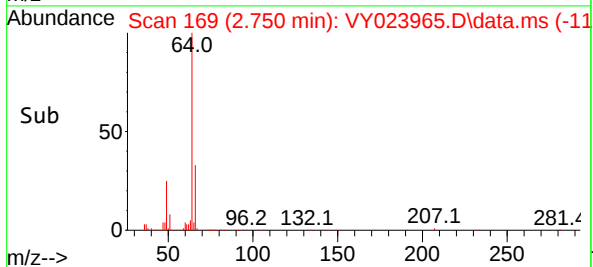
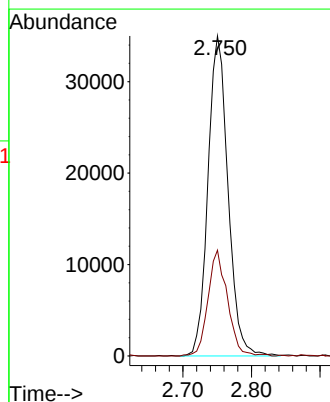
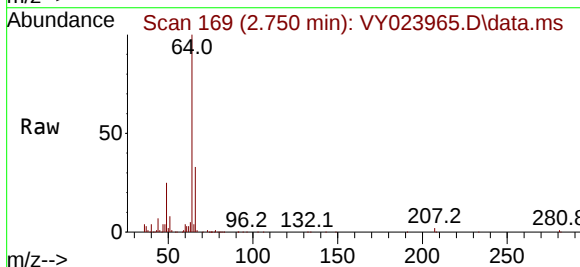
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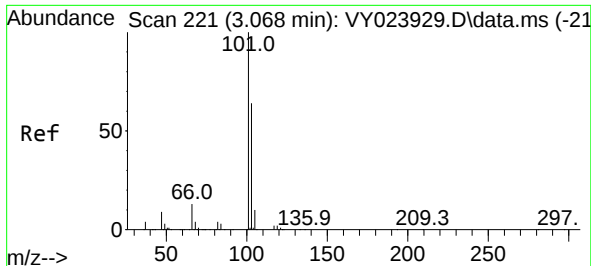
Tgt Ion: 94 Resp: 93667
Ion Ratio Lower Upper
94 100
96 91.0 74.8 112.2



#6
Chloroethane
Concen: 17.644 ug/l
RT: 2.750 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 64 Resp: 71217
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0

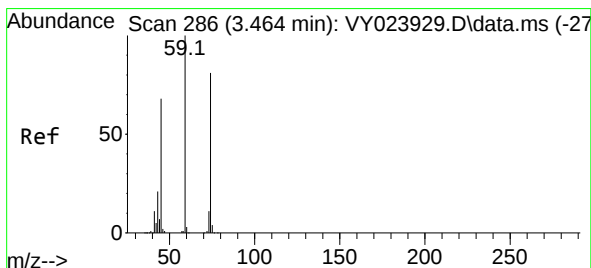
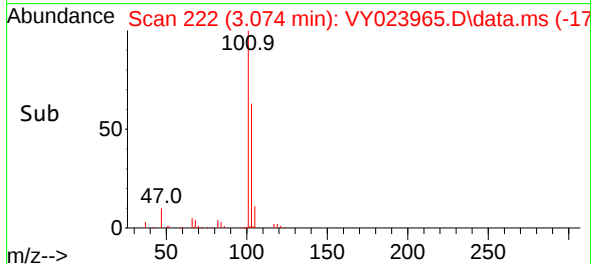
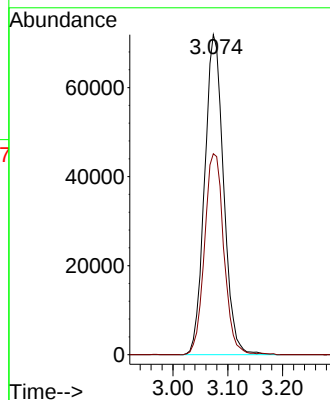
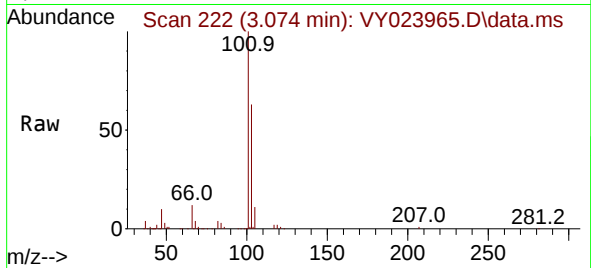




#7
Trichlorofluoromethane
Concen: 19.986 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

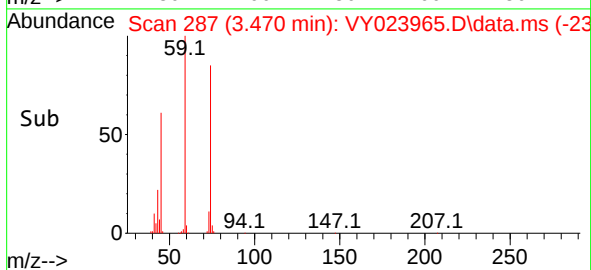
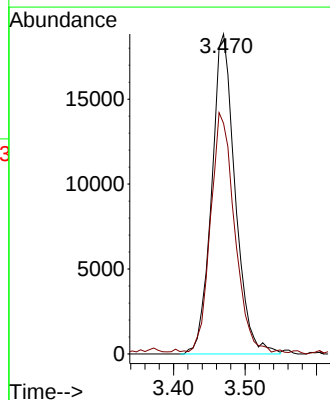
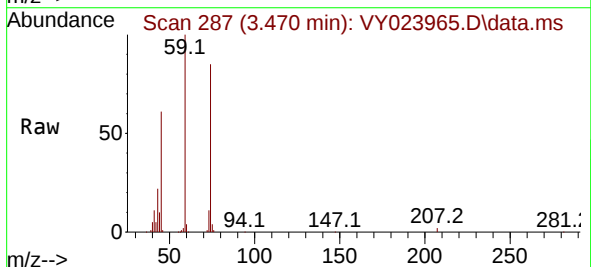
Instrument :
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ClientSampleId :
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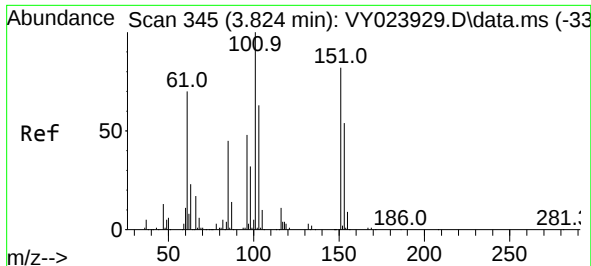
Tgt Ion:101 Resp: 172374
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2



#8
Diethyl Ether
Concen: 18.121 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 74 Resp: 42936
Ion Ratio Lower Upper
74 100
45 76.9 42.0 126.1

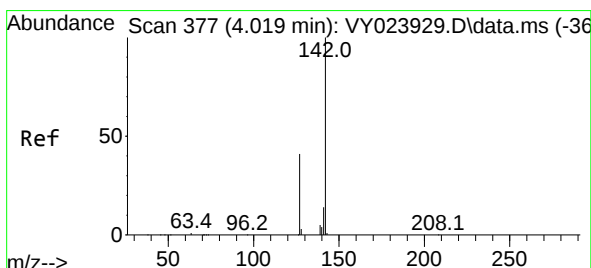
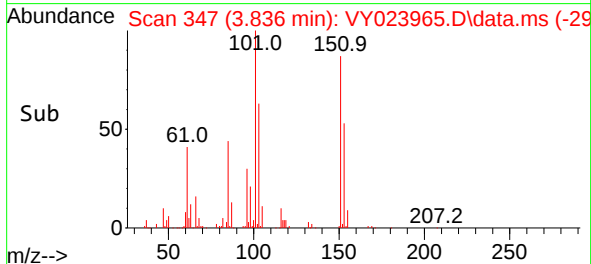
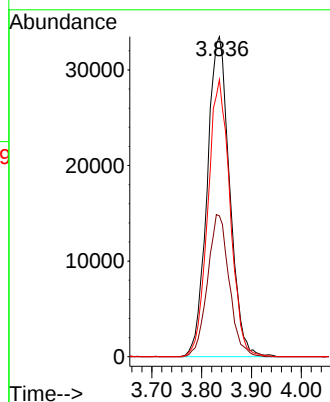
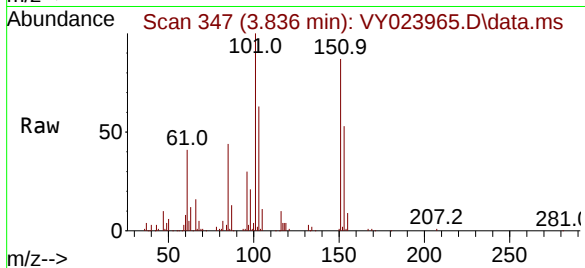




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.869 ug/l
RT: 3.836 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023965.D
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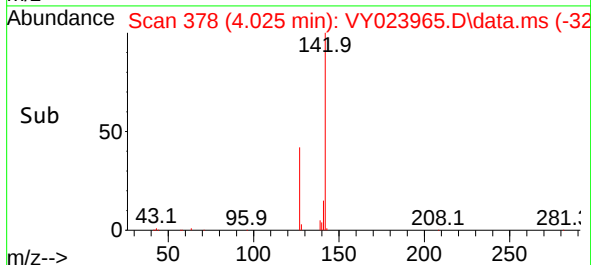
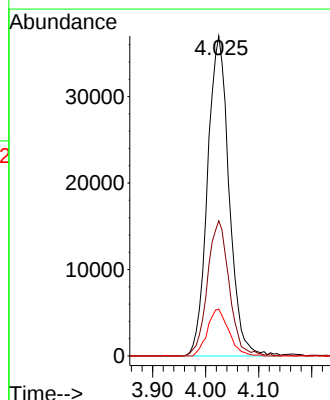
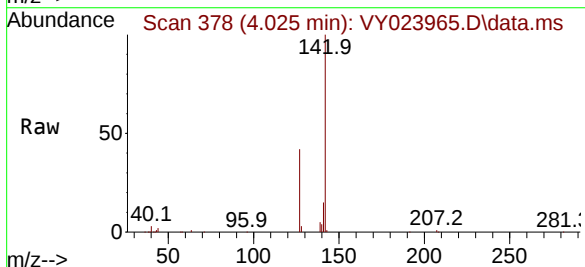
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

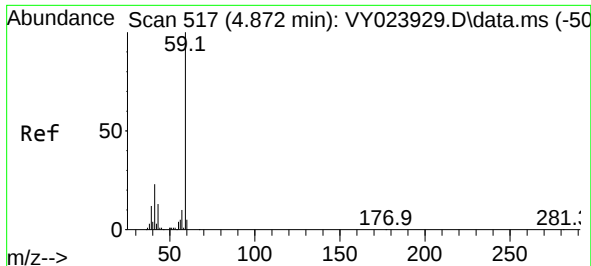
Tgt Ion:101 Resp: 104896
Ion Ratio Lower Upper
101 100
85 42.8 35.1 52.7
151 85.2 67.2 100.8



#10
Methyl Iodide
Concen: 16.794 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion:142 Resp: 104406
Ion Ratio Lower Upper
142 100
127 42.7 34.5 51.7
141 14.6 11.5 17.3

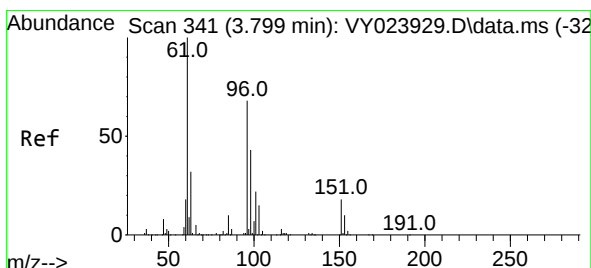
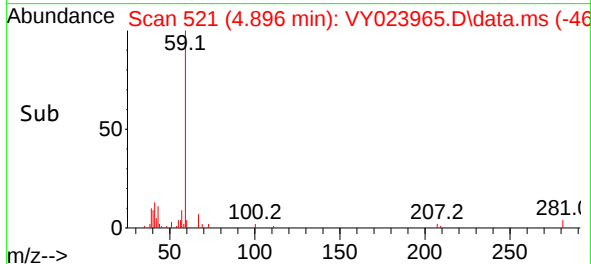
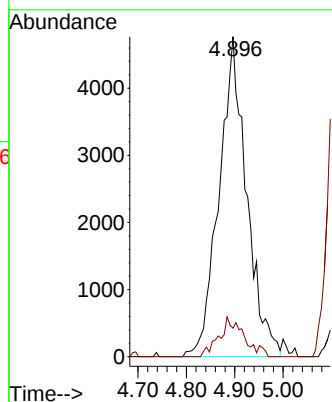
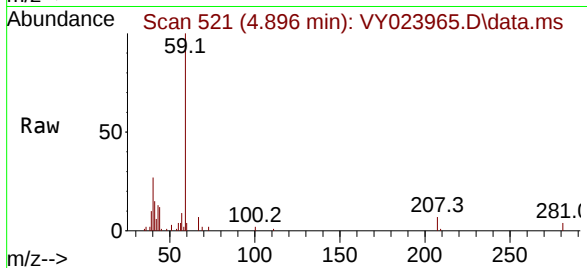




#11
Tert butyl alcohol
Concen: 70.909 ug/l
RT: 4.896 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

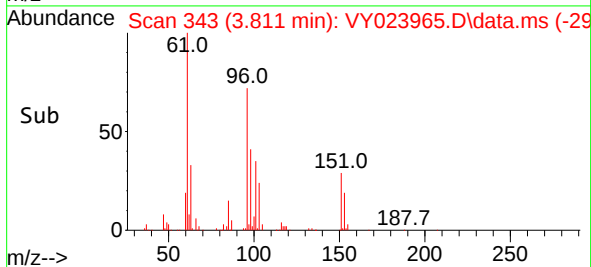
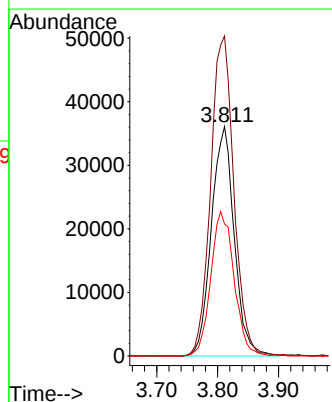
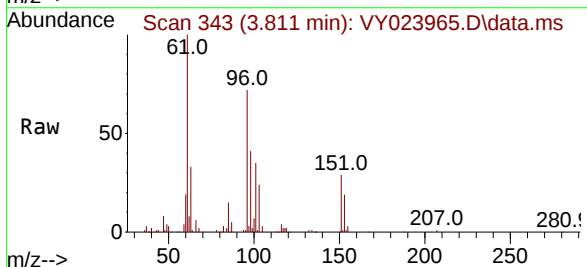
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

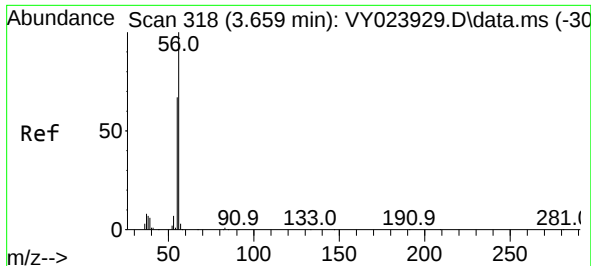
Tgt Ion: 59 Resp: 18893
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 19.910 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 96 Resp: 94029
Ion Ratio Lower Upper
96 100
61 139.4 117.0 175.6
98 57.5 50.5 75.7

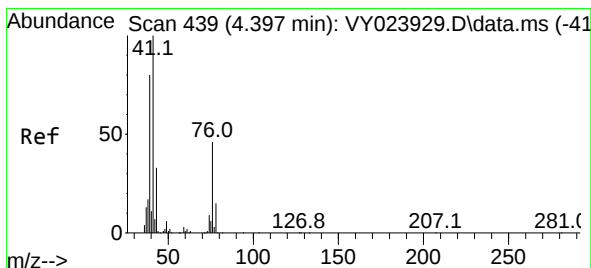
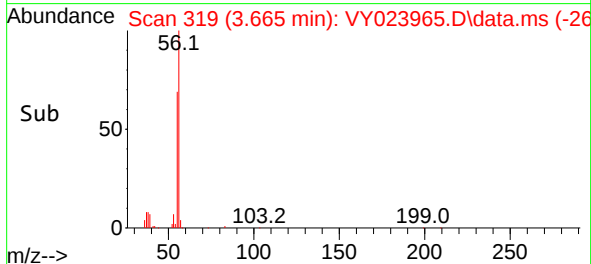
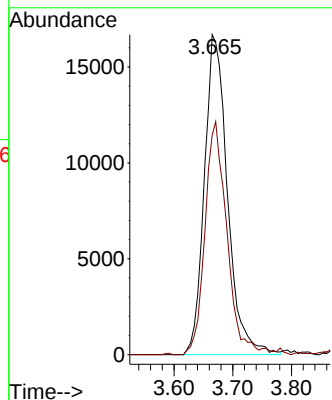
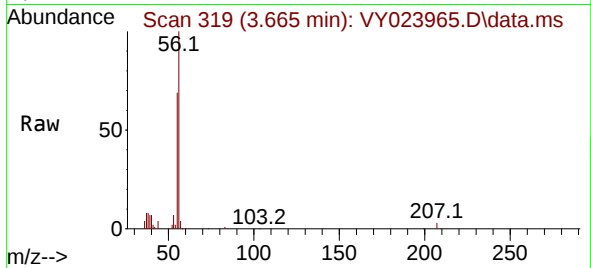




#13
Acrolein
Concen: 107.015 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

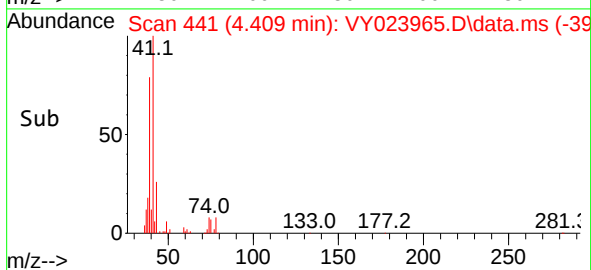
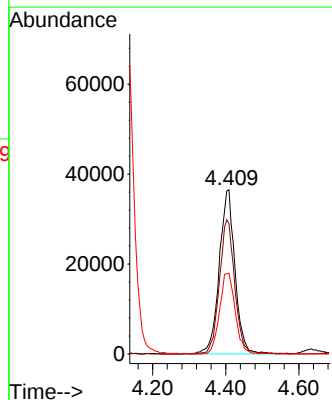
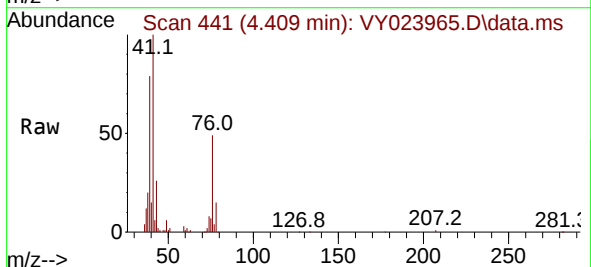
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

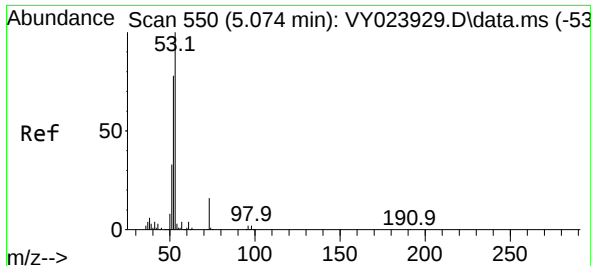
Tgt Ion: 56 Resp: 45603
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5



#14
Allyl chloride
Concen: 18.104 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 41 Resp: 109402
Ion Ratio Lower Upper
41 100
39 79.4 62.9 94.3
76 48.8 35.7 53.5

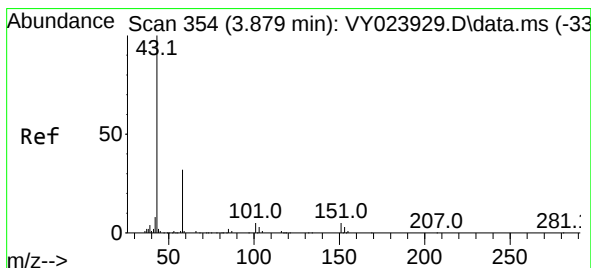
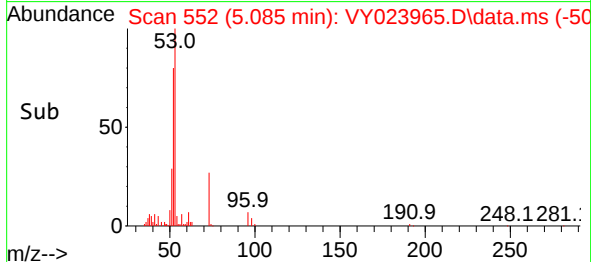
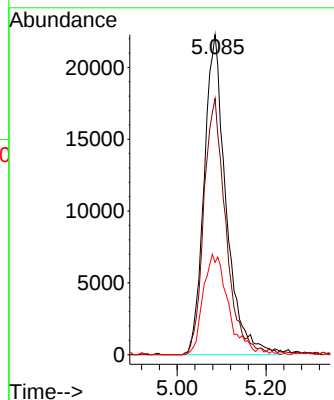
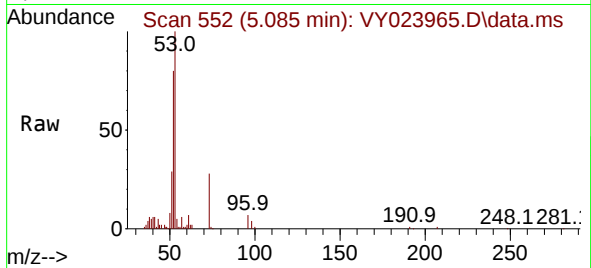




#15
Acrylonitrile
Concen: 81.202 ug/l
RT: 5.085 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

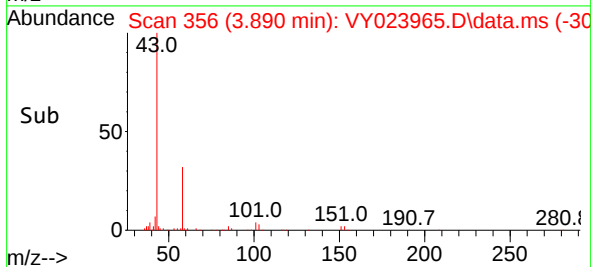
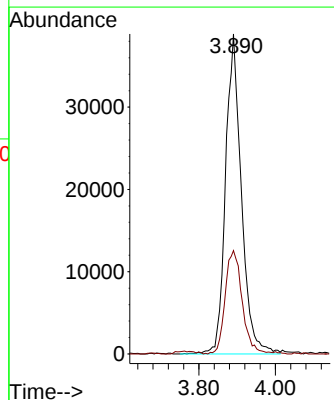
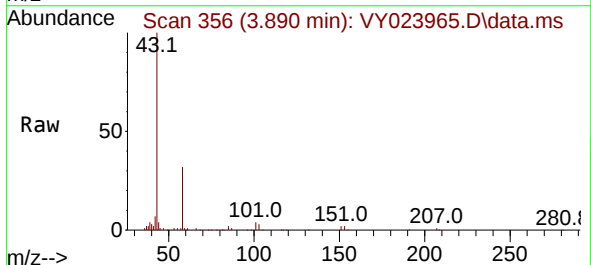
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

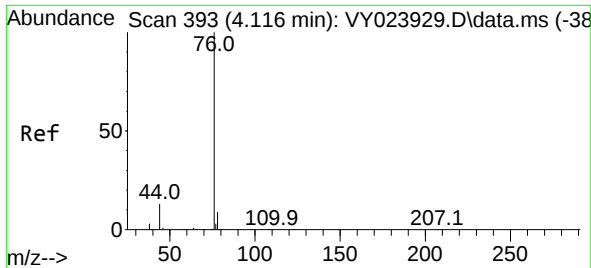
Tgt Ion: 53 Resp: 76657
Ion Ratio Lower Upper
53 100
52 80.0 64.2 96.2
51 35.6 29.3 43.9



#16
Acetone
Concen: 70.573 ug/l
RT: 3.890 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 43 Resp: 111710
Ion Ratio Lower Upper
43 100
58 31.9 26.4 39.6

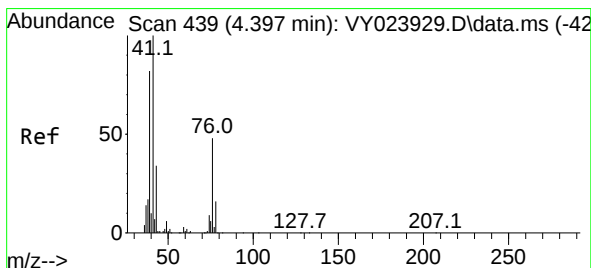
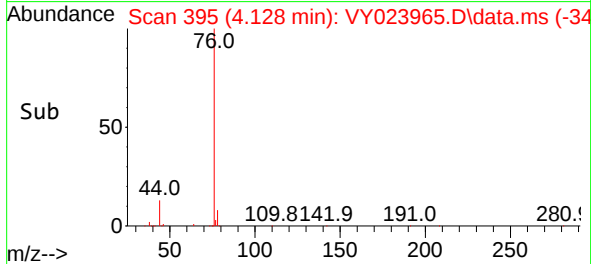
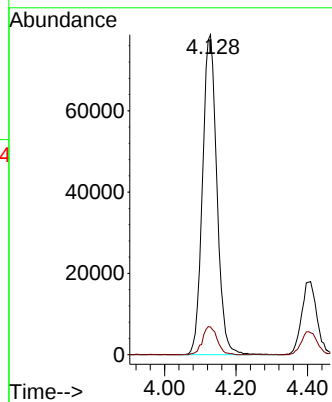
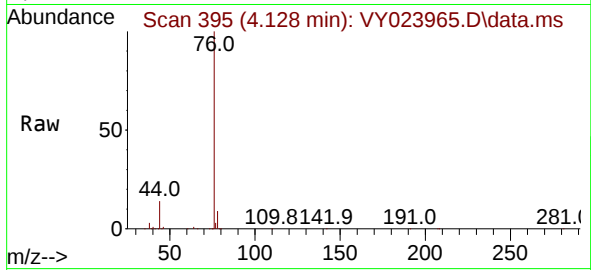




#17
Carbon Disulfide
Concen: 17.475 ug/l
RT: 4.128 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

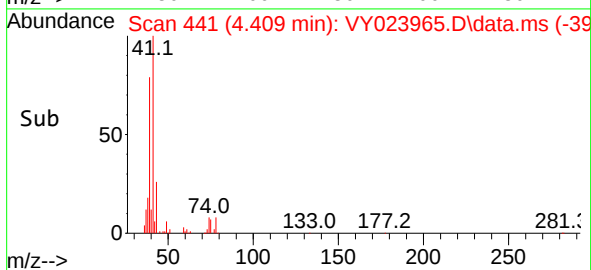
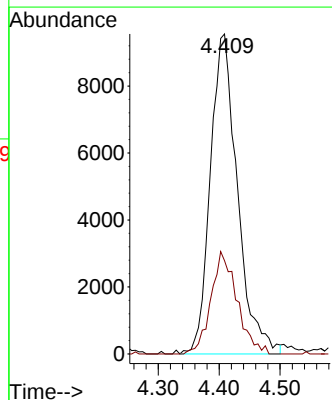
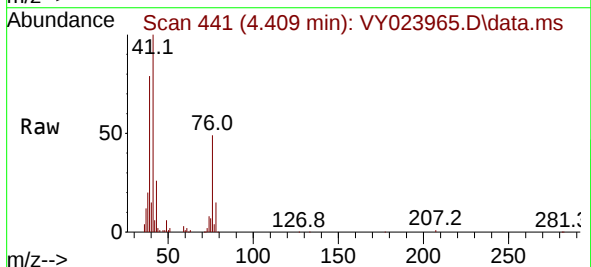
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

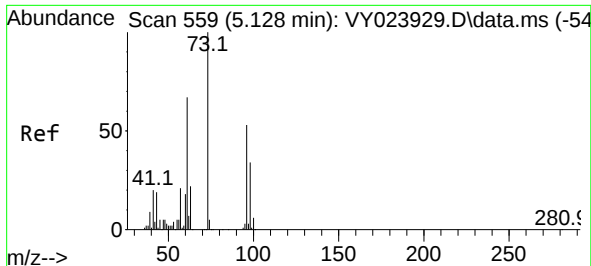
Tgt Ion: 76 Resp: 219162
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 14.193 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 43 Resp: 29547
Ion Ratio Lower Upper
43 100
74 30.8 22.6 33.8

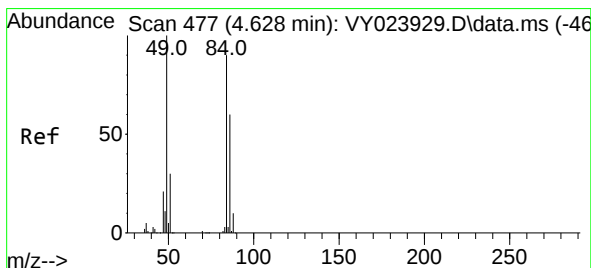
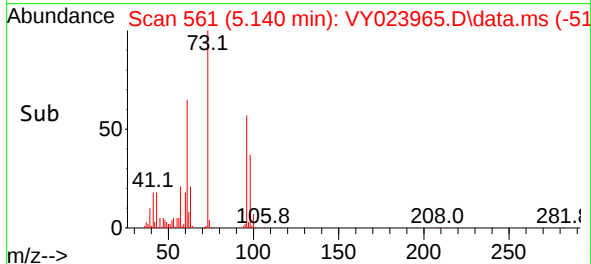
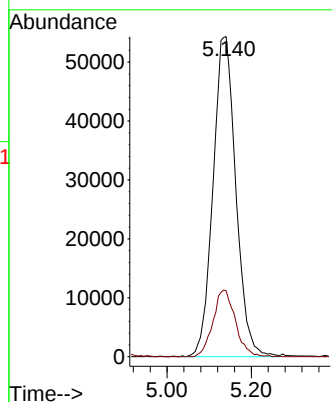
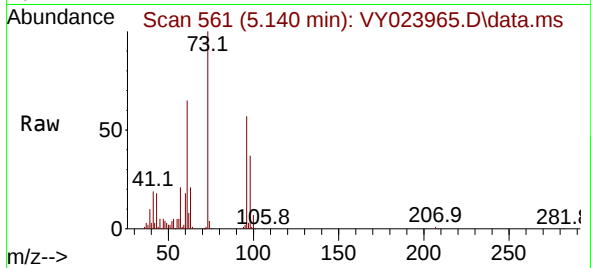




#19
Methyl tert-butyl Ether
Concen: 18.055 ug/l
RT: 5.140 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

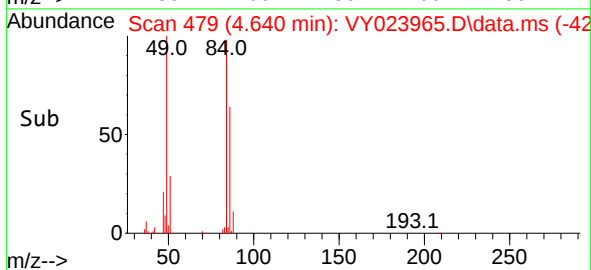
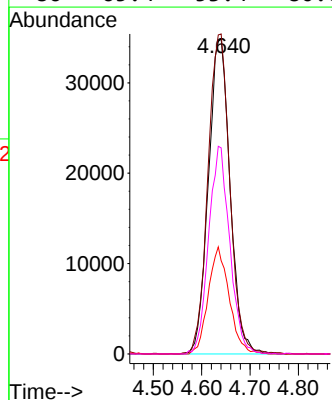
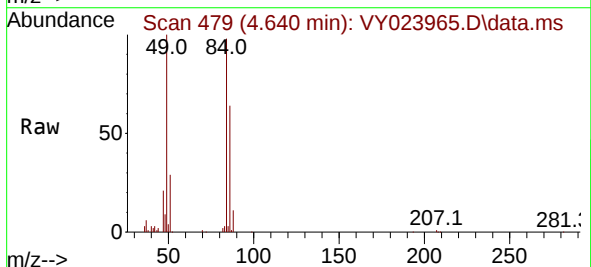
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

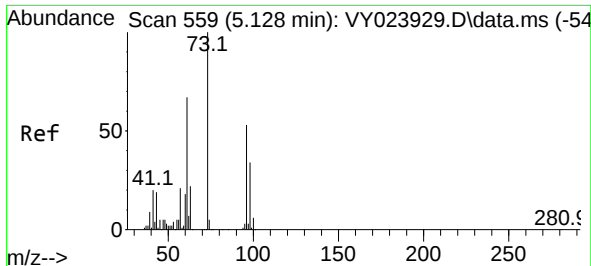
Tgt Ion: 73 Resp: 203905
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7



#20
Methylene Chloride
Concen: 20.017 ug/l
RT: 4.640 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 84 Resp: 108351
Ion Ratio Lower Upper
84 100
49 101.6 89.1 133.7
51 29.6 26.6 39.8
86 65.4 53.4 80.0

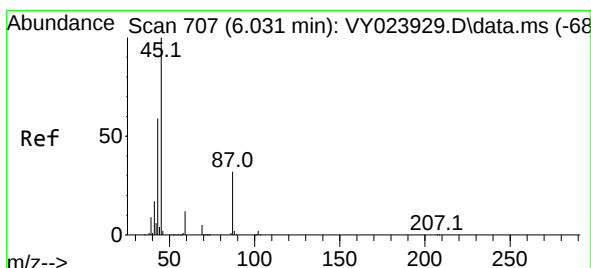
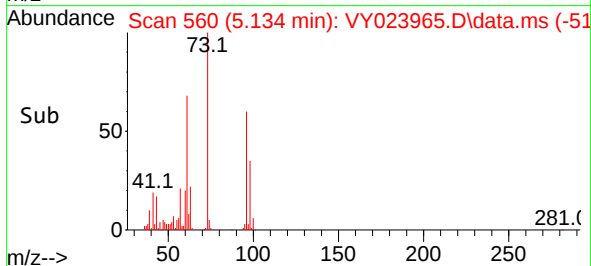
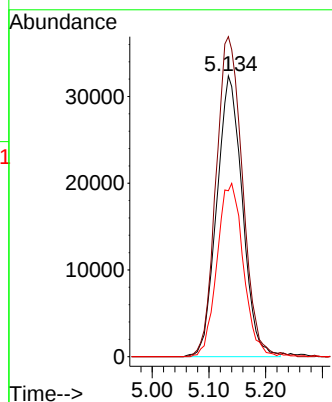
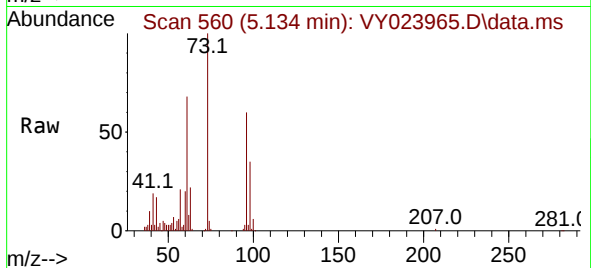




#21
trans-1,2-Dichloroethene
Concen: 19.532 ug/l
RT: 5.134 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

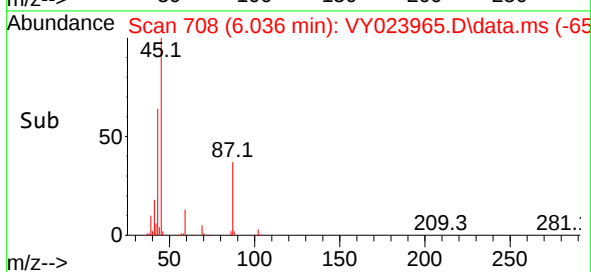
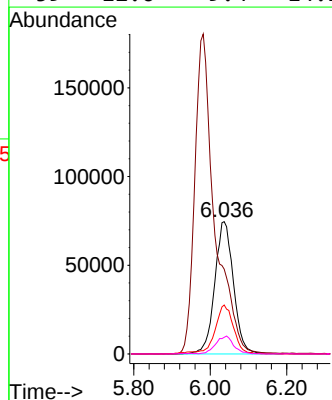
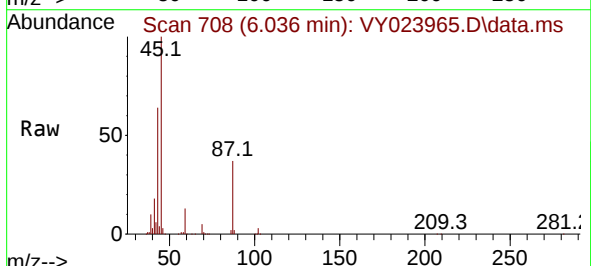
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

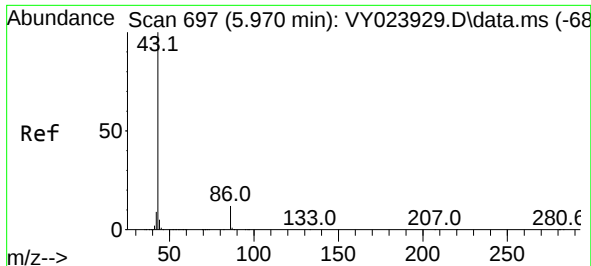
Tgt Ion: 96 Resp: 101265
Ion Ratio Lower Upper
96 100
61 113.9 101.4 152.0
98 59.1 51.7 77.5



#22
Diisopropyl ether
Concen: 18.470 ug/l
RT: 6.036 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 45 Resp: 254141
Ion Ratio Lower Upper
45 100
43 63.6 47.0 70.6
87 36.9 26.0 39.0
59 12.6 9.4 14.2

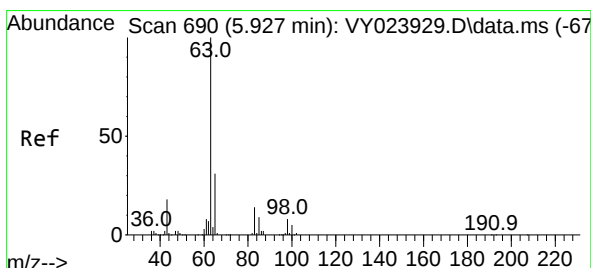
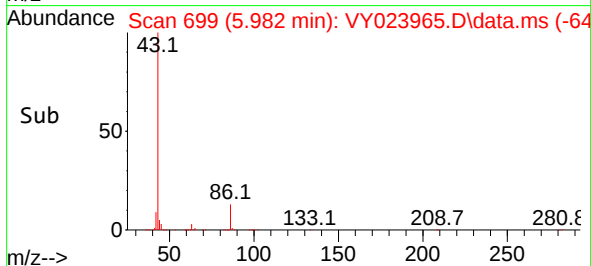
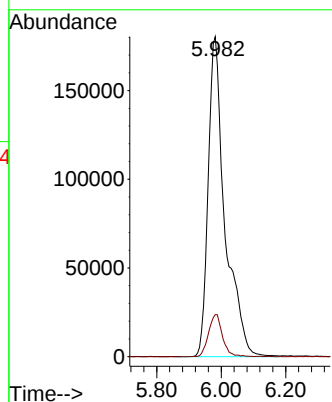
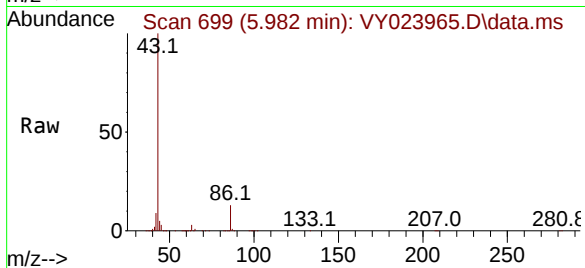




#23
 Vinyl Acetate
 Concen: 85.402 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

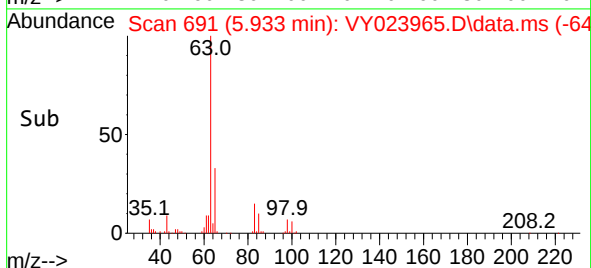
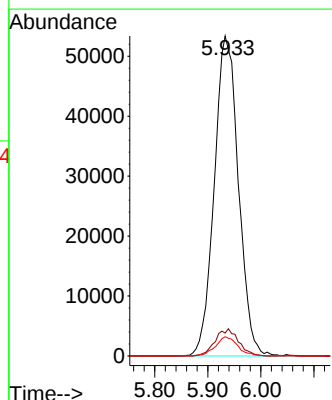
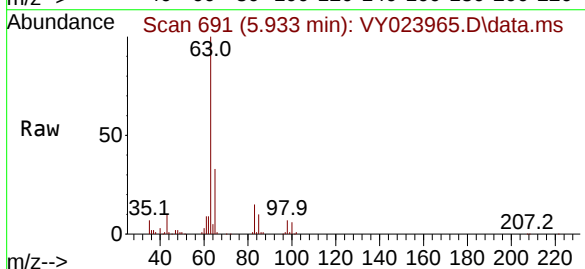
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

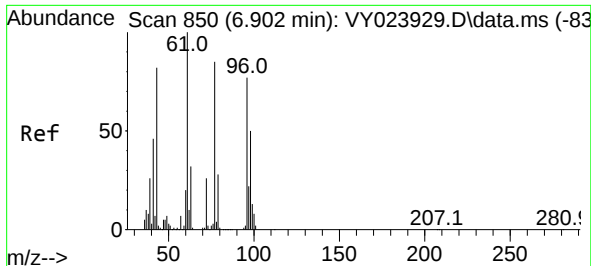
Tgt Ion: 43 Resp: 652946
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.676 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

Tgt Ion: 63 Resp: 168750
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 6.0 2.3 6.9

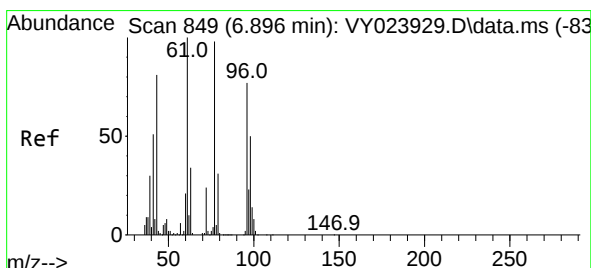
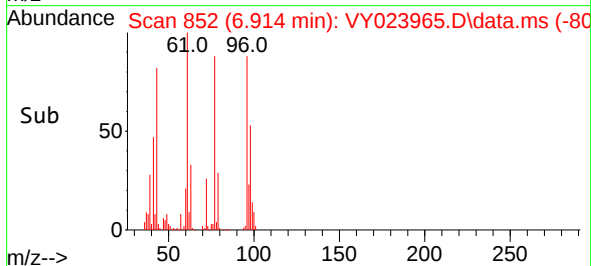
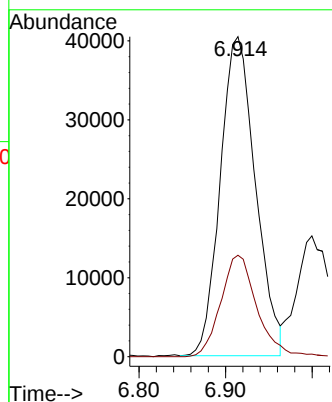
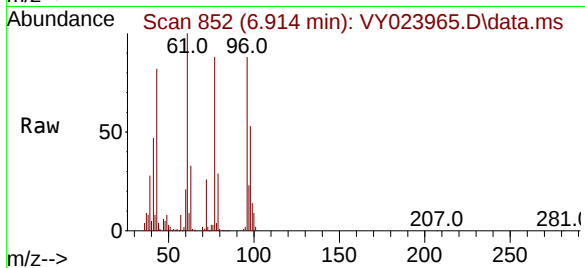




#25
2-Butanone
Concen: 80.421 ug/l
RT: 6.914 min Scan# 81
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

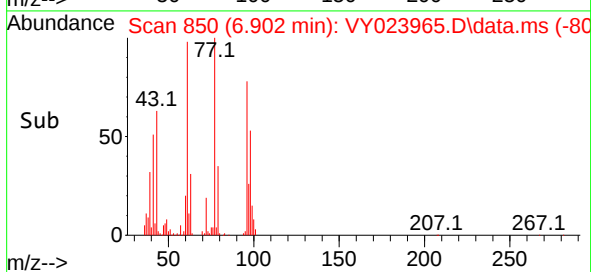
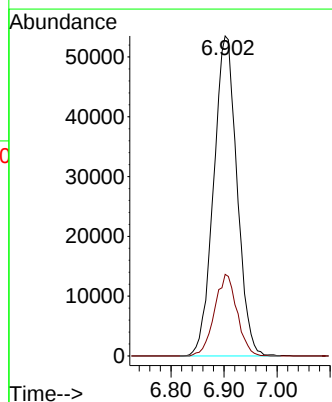
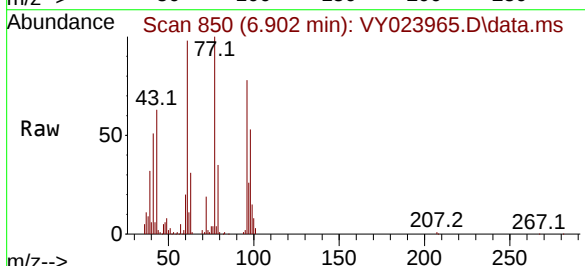
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

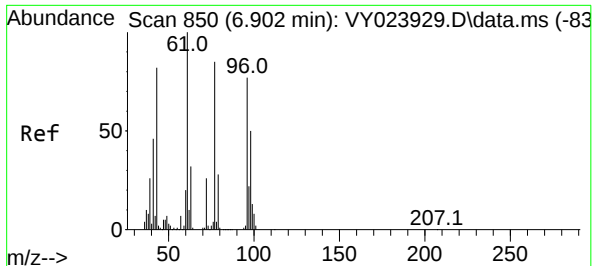
Tgt Ion: 43 Resp: 114355
Ion Ratio Lower Upper
43 100
72 31.8 25.0 37.6



#26
2,2-Dichloropropane
Concen: 20.421 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 77 Resp: 163535
Ion Ratio Lower Upper
77 100
97 24.6 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.295 ug/l

RT: 6.908 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

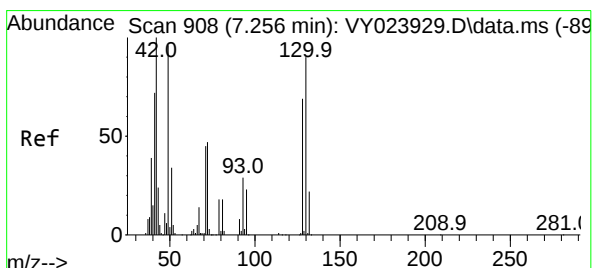
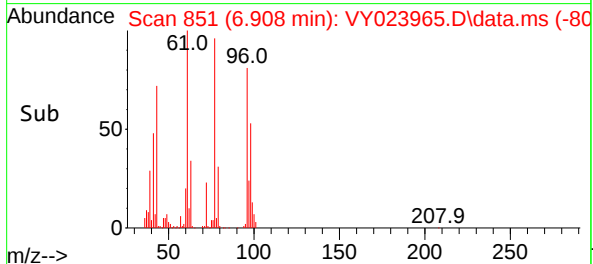
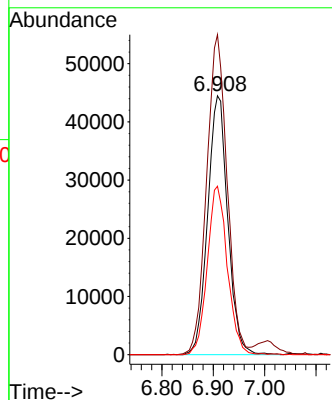
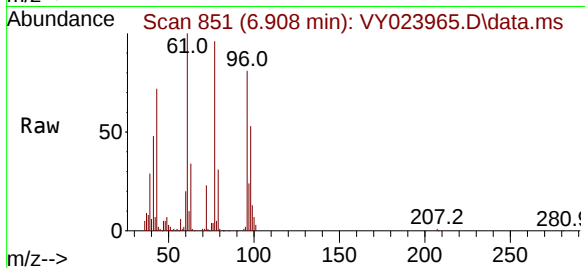
Tgt Ion: 96 Resp: 120787

Ion Ratio Lower Upper

96 100

61 126.0 0.0 264.6

98 64.9 0.0 129.6



#28

Bromochloromethane

Concen: 19.983 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

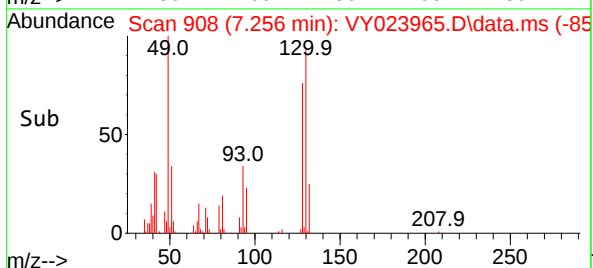
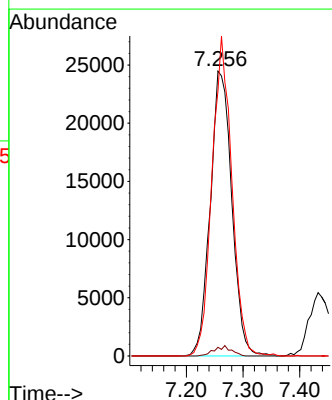
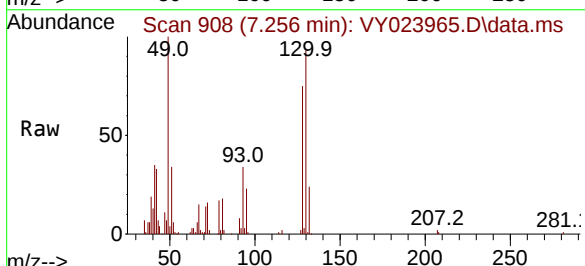
Tgt Ion: 49 Resp: 64568

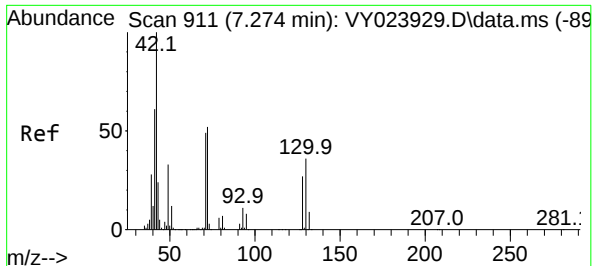
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 103.5 74.4 111.6





#29

Tetrahydrofuran

Concen: 74.820 ug/l

RT: 7.280 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

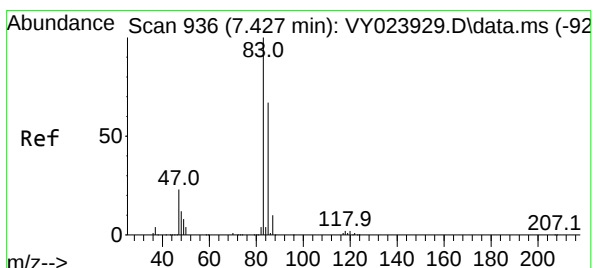
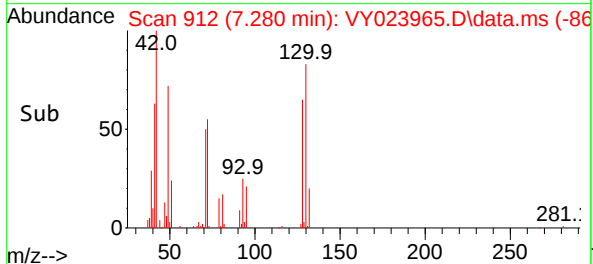
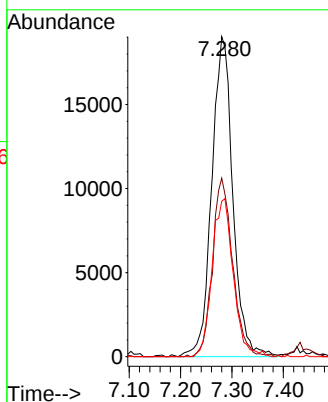
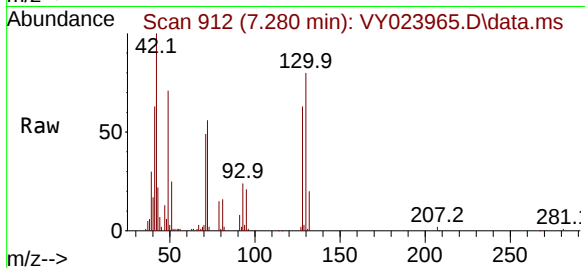
Tgt Ion: 42 Resp: 54259

Ion Ratio Lower Upper

42 100

72 53.4 40.0 60.0

71 49.7 37.7 56.5



#30

Chloroform

Concen: 20.401 ug/l

RT: 7.439 min Scan# 938

Delta R.T. 0.012 min

Lab File: VY023965.D

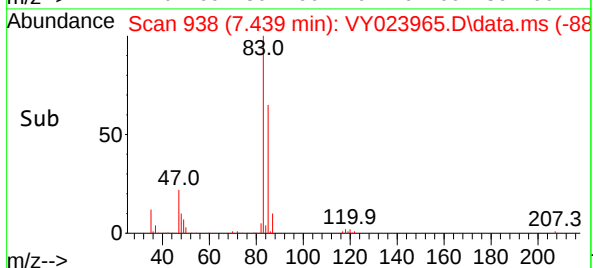
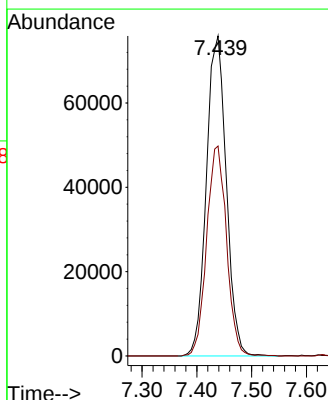
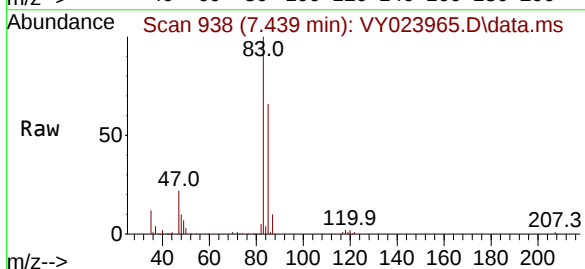
Acq: 15 Dec 2025 10:39

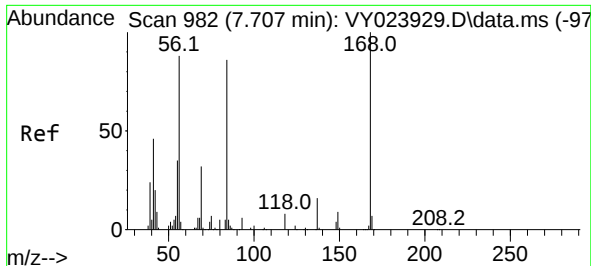
Tgt Ion: 83 Resp: 191125

Ion Ratio Lower Upper

83 100

85 65.6 53.4 80.0

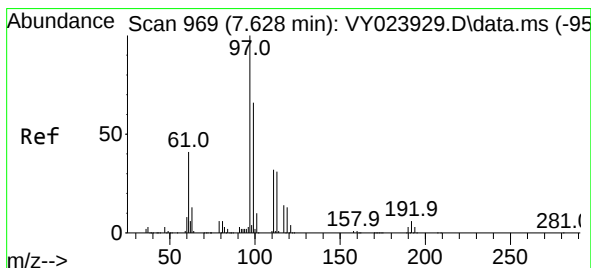
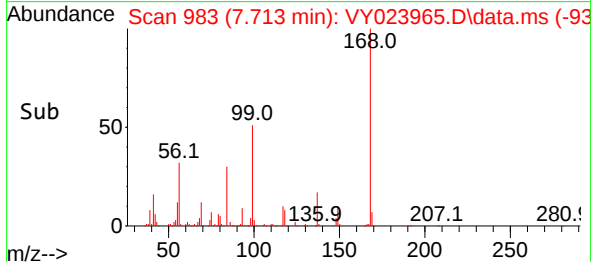
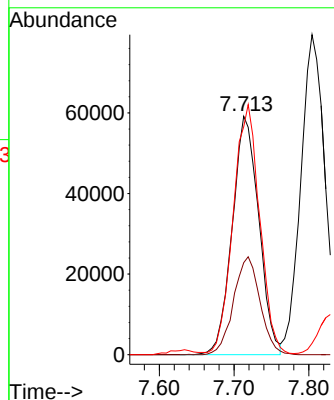
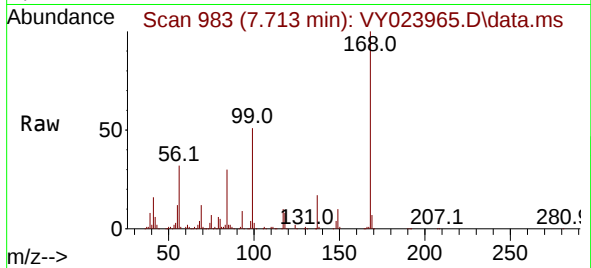




#31
Cyclohexane
Concen: 18.561 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

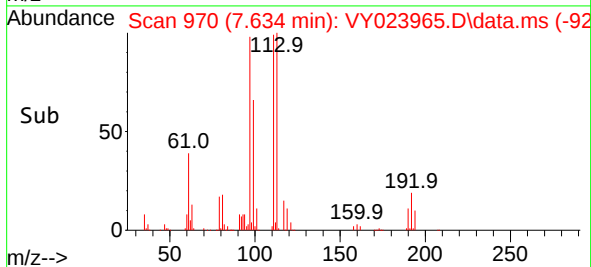
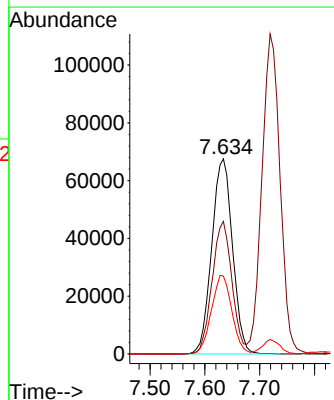
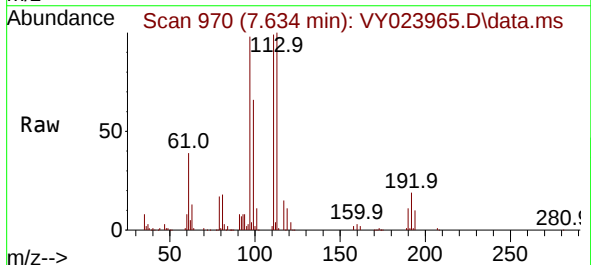
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

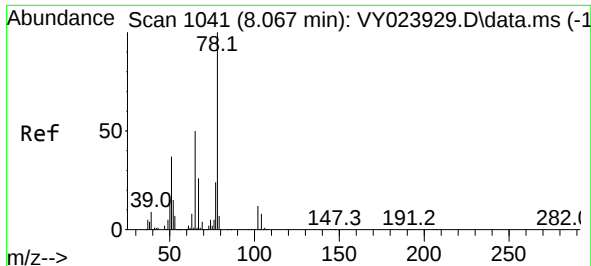
Tgt Ion: 56 Resp: 146461
Ion Ratio Lower Upper
56 100
69 38.6 29.1 43.7
84 93.9 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 20.445 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 97 Resp: 177620
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 39.6 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

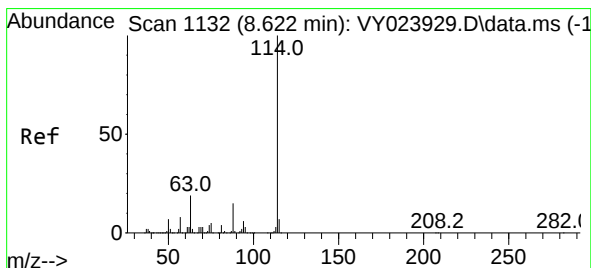
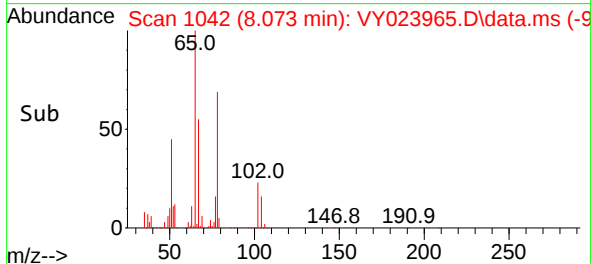
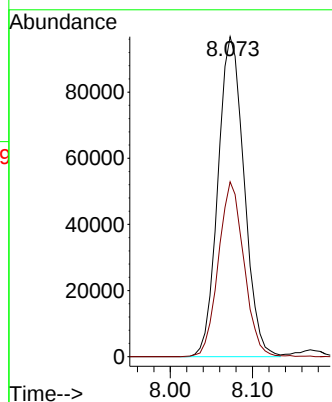
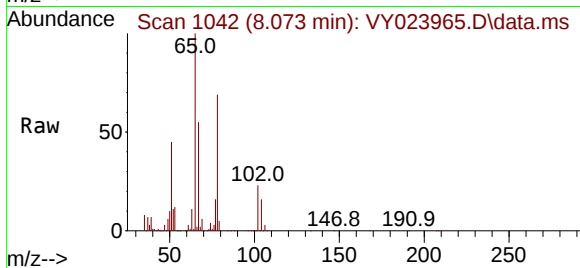
VY1215SBS01

Tgt Ion: 65 Resp: 214027

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

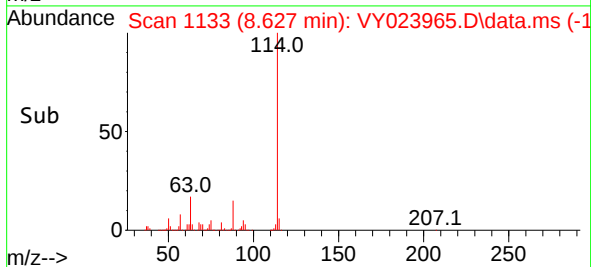
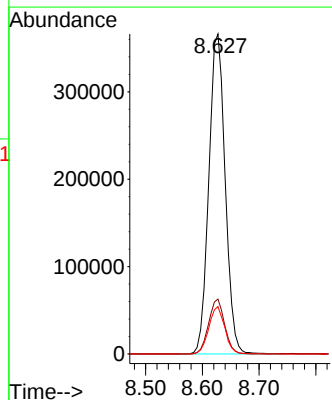
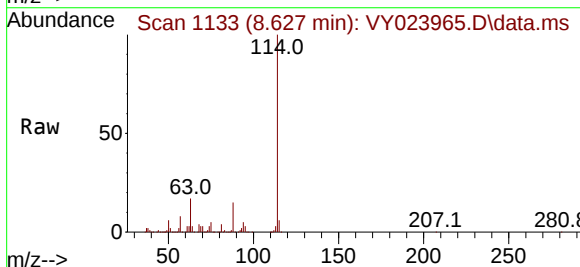
Tgt Ion: 114 Resp: 734348

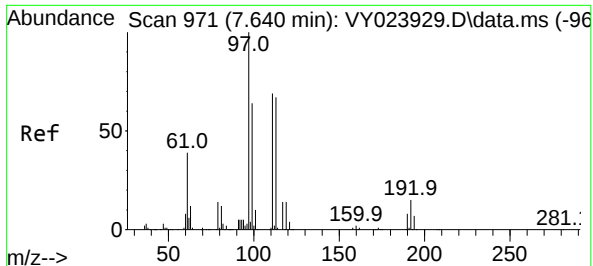
Ion Ratio Lower Upper

114 100

63 17.1 0.0 37.2

88 14.8 0.0 29.4

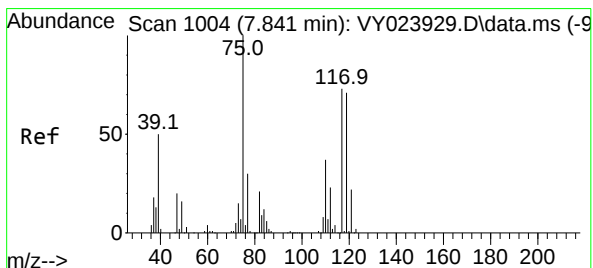
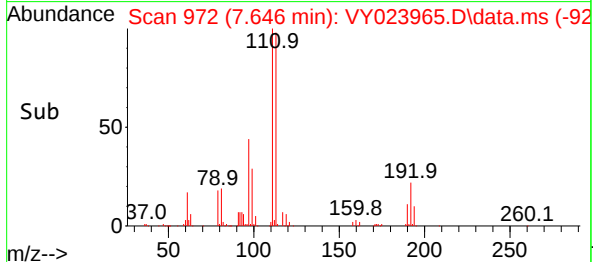
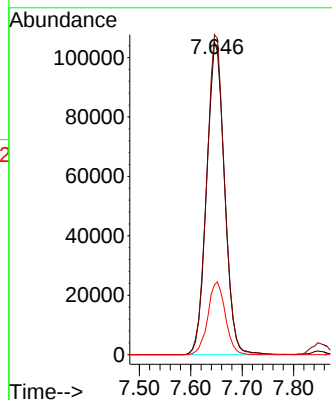
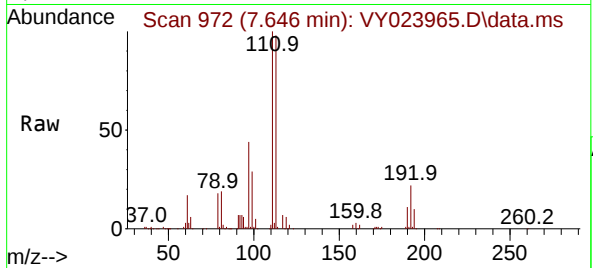




#35
Dibromofluoromethane
Concen: 52.849 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

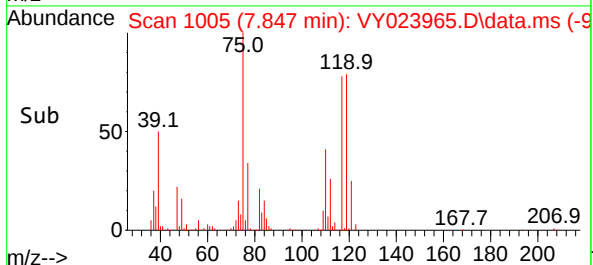
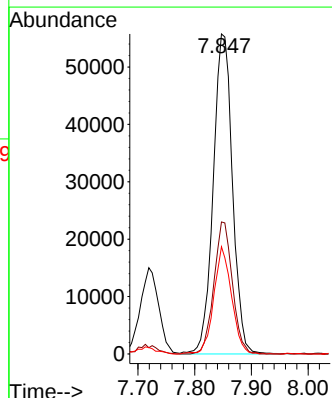
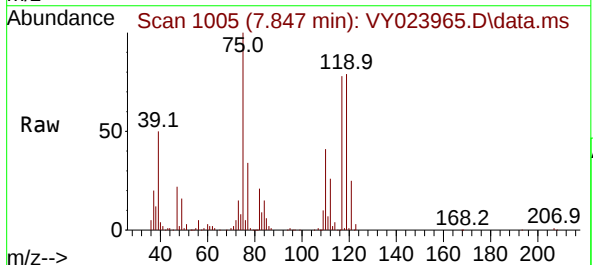
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

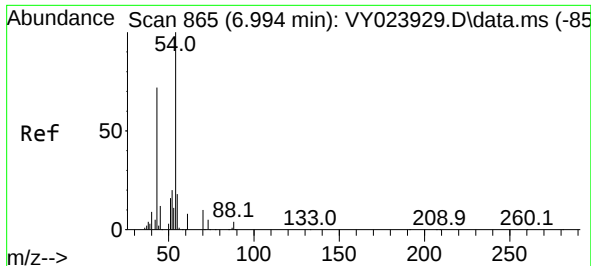
Tgt Ion:113 Resp: 253691
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 22.8 17.9 26.9



#36
1,1-Dichloropropene
Concen: 20.141 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 75 Resp: 131625
Ion Ratio Lower Upper
75 100
110 39.7 19.2 57.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 16.759 ug/l

RT: 7.000 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

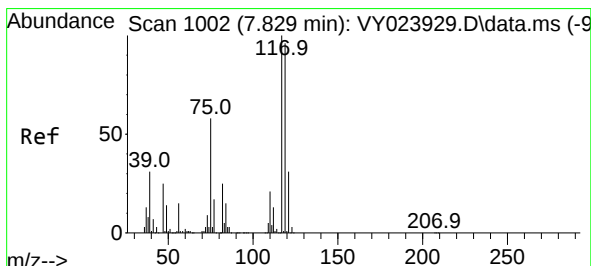
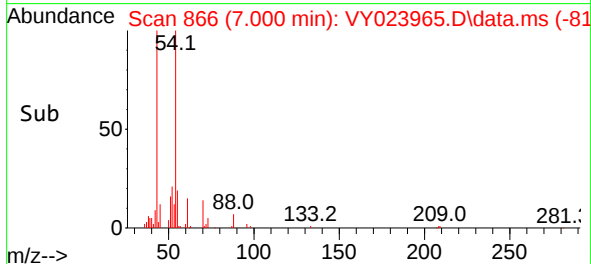
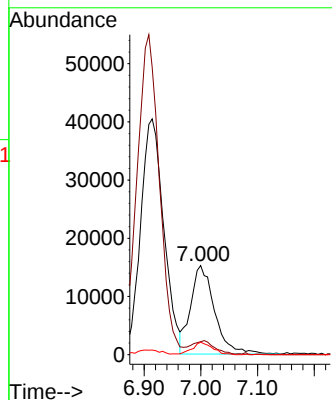
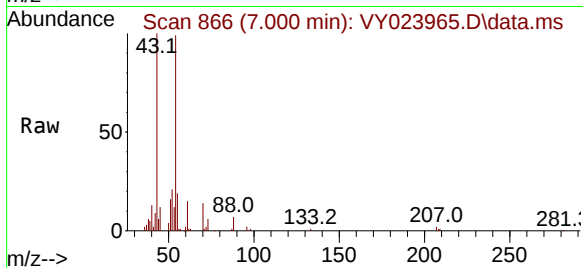
Tgt Ion: 43 Resp: 44600

Ion Ratio Lower Upper

43 100

61 14.7 11.9 17.9

70 11.8 9.2 13.8



#38

Carbon Tetrachloride

Concen: 21.346 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

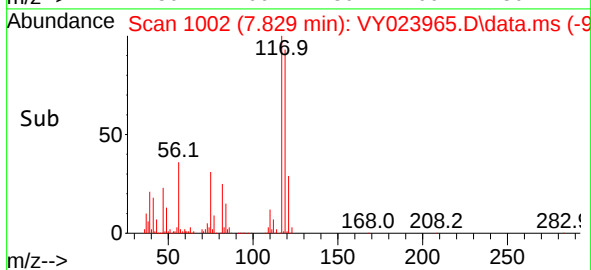
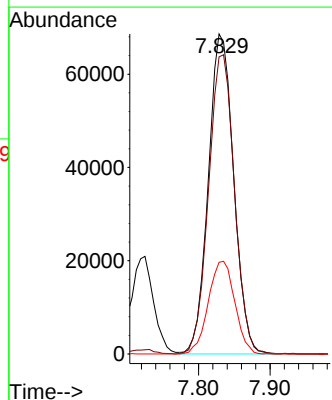
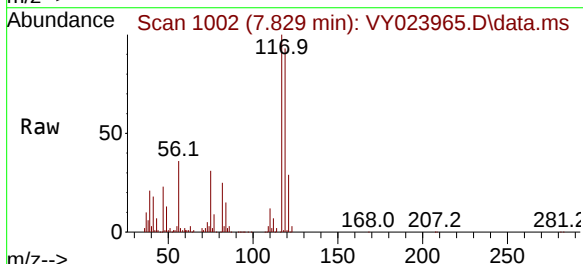
Tgt Ion: 117 Resp: 169092

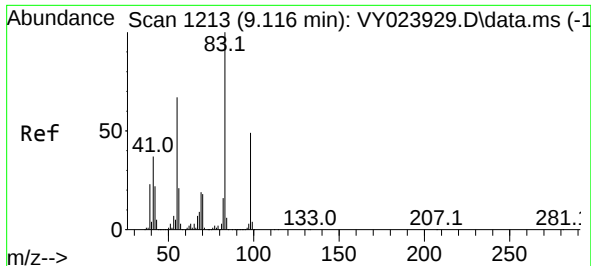
Ion Ratio Lower Upper

117 100

119 92.8 76.6 114.8

121 28.6 24.8 37.2





#39

Methylcyclohexane

Concen: 19.799 ug/l

RT: 9.121 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

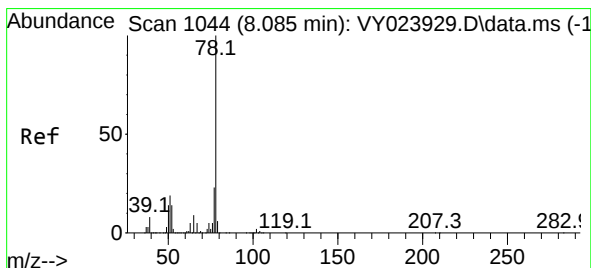
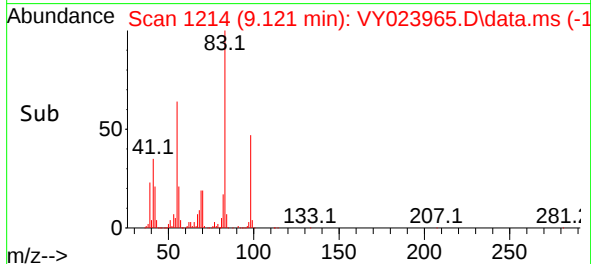
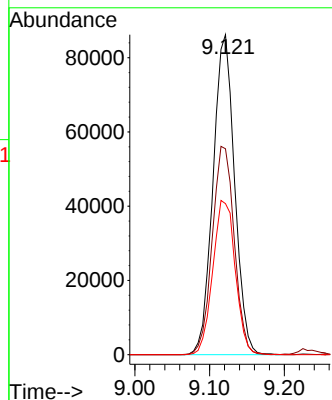
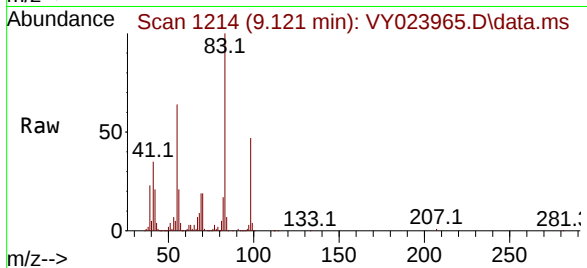
Tgt Ion: 83 Resp: 172872

Ion Ratio Lower Upper

83 100

55 64.3 53.4 80.0

98 47.2 39.2 58.8



#40

Benzene

Concen: 19.945 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023965.D

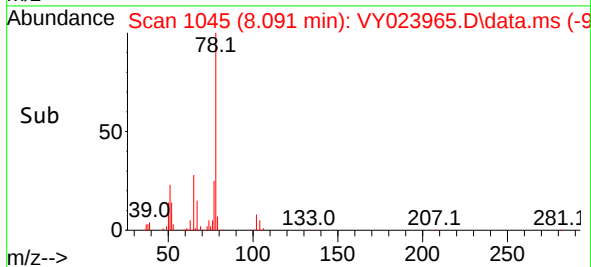
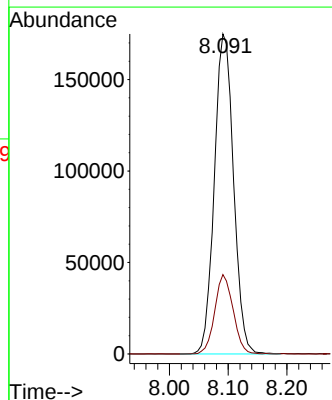
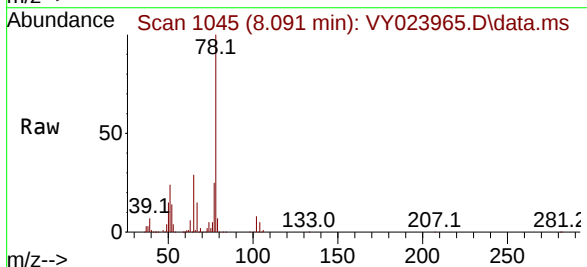
Acq: 15 Dec 2025 10:39

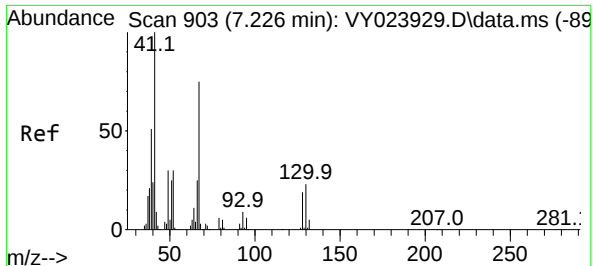
Tgt Ion: 78 Resp: 396935

Ion Ratio Lower Upper

78 100

77 24.8 18.3 27.5

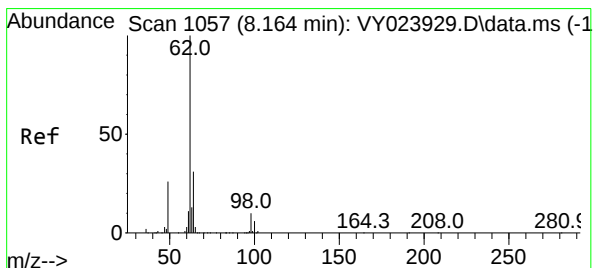
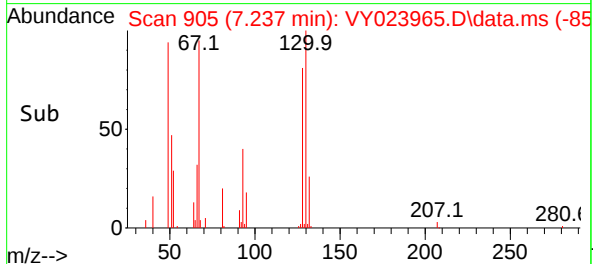
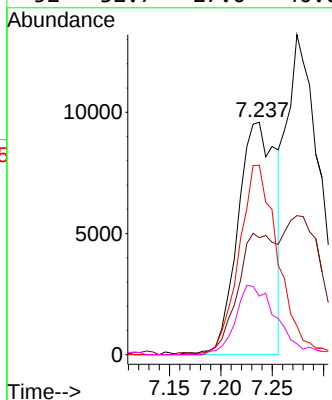
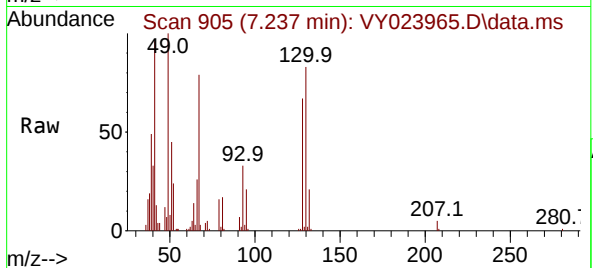




#41
Methacrylonitrile
Concen: 16.934 ug/l
RT: 7.237 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

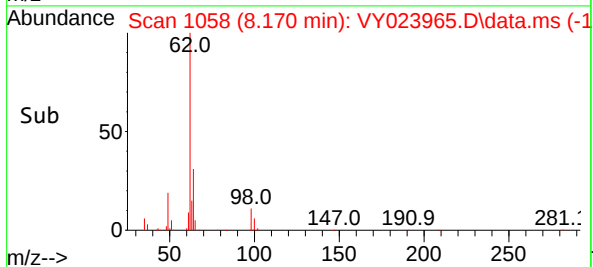
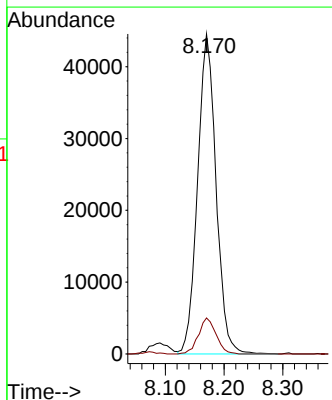
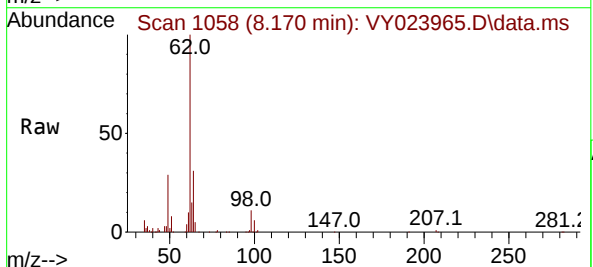
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

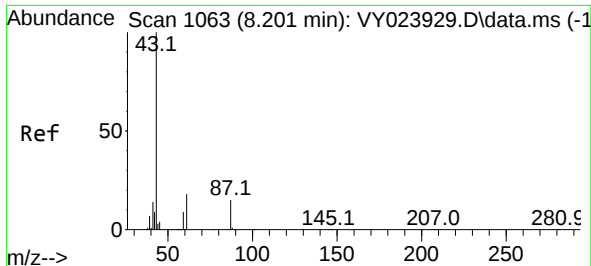
Tgt Ion:	41	Resp:	24792
Ion	Ratio	Lower	Upper
41	100		
39	52.4	50.6	75.8
67	84.0	68.0	102.0
52	32.7	27.0	40.6



#42
1,2-Dichloroethane
Concen: 18.664 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion:	62	Resp:	97403
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8

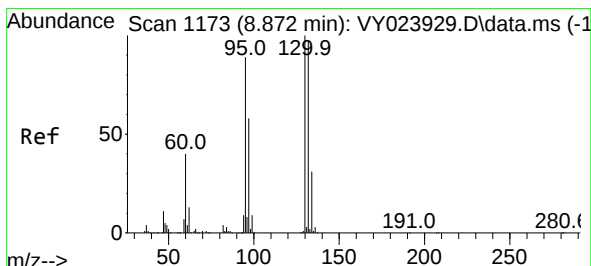
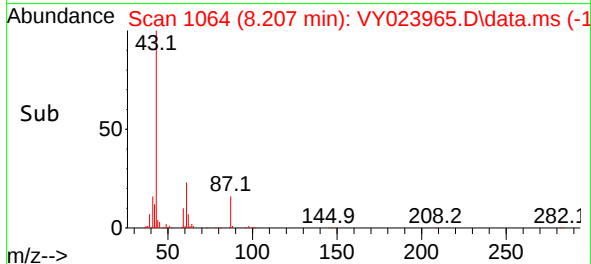
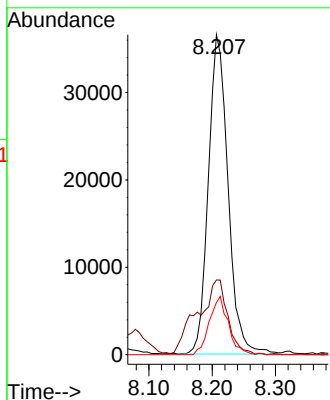
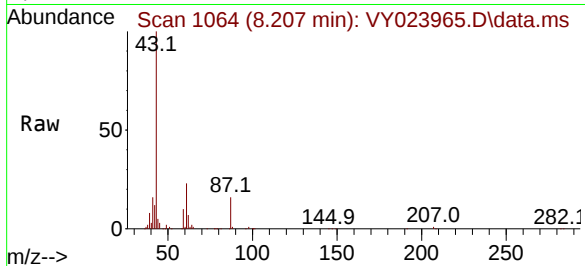




#43
Isopropyl Acetate
Concen: 15.757 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

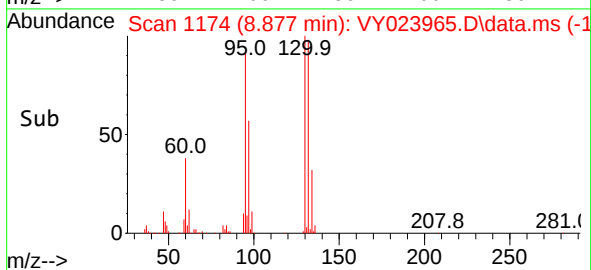
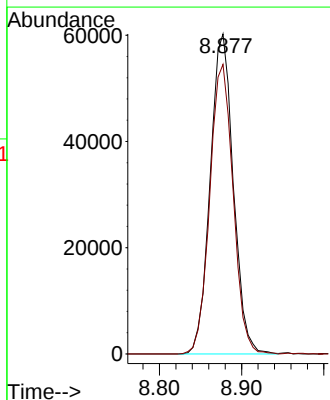
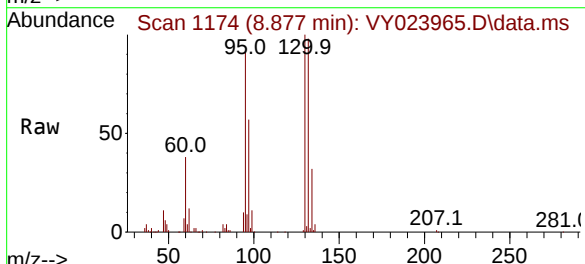
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

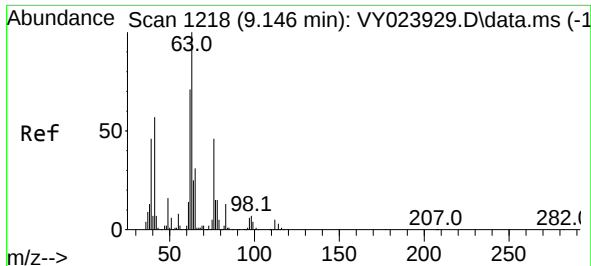
Tgt Ion: 43 Resp: 78974
Ion Ratio Lower Upper
43 100
61 36.0 17.4 26.2#
87 17.5 12.3 18.5



#44
Trichloroethene
Concen: 20.417 ug/l
RT: 8.877 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion:130 Resp: 117819
Ion Ratio Lower Upper
130 100
95 90.5 0.0 178.8





#45

1,2-Dichloropropane

Concen: 19.731 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

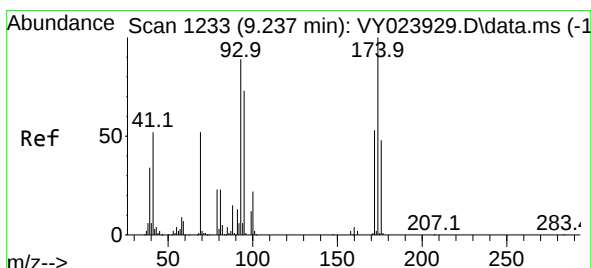
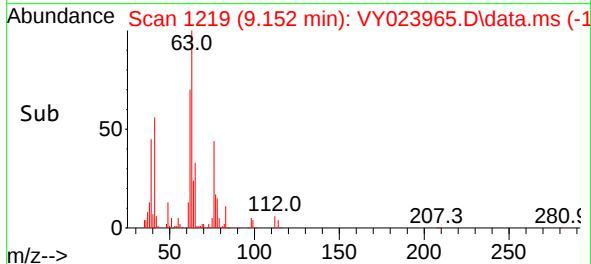
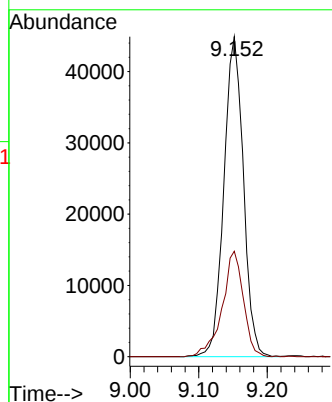
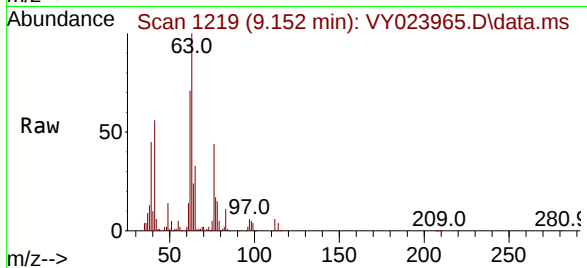
VY1215SBS01

Tgt Ion: 63 Resp: 88595

Ion Ratio Lower Upper

63 100

65 33.0 25.1 37.7



#46

Dibromomethane

Concen: 19.337 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

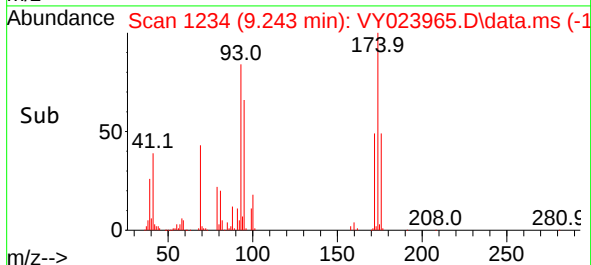
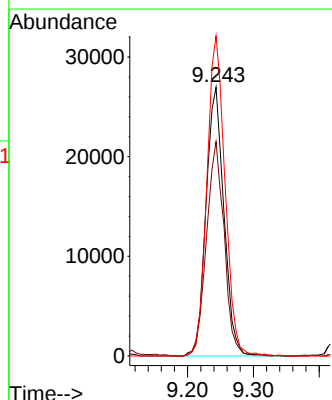
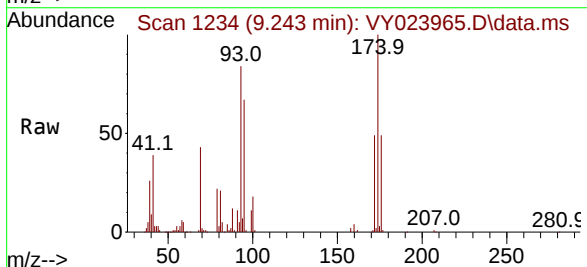
Tgt Ion: 93 Resp: 51140

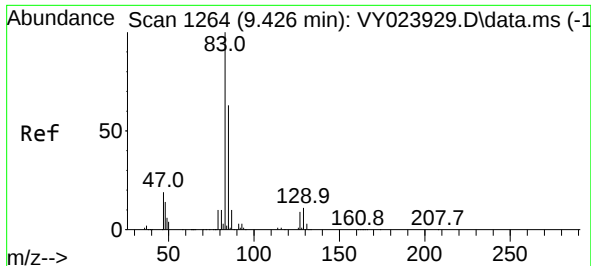
Ion Ratio Lower Upper

93 100

95 78.6 65.1 97.7

174 120.1 90.6 136.0

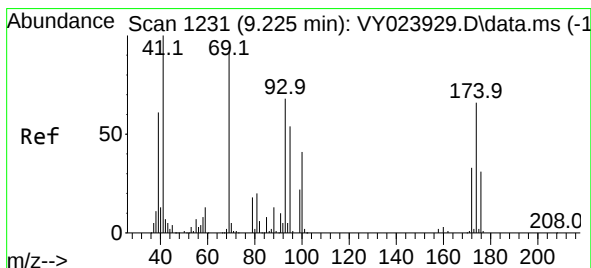
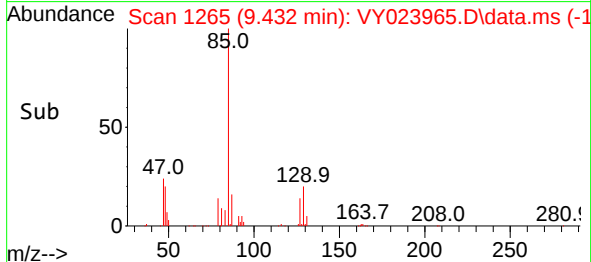
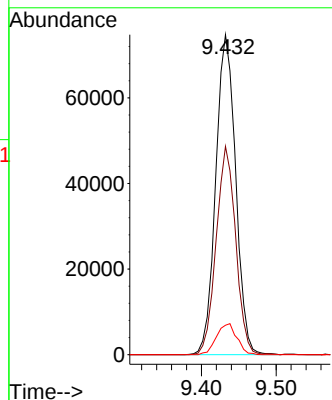
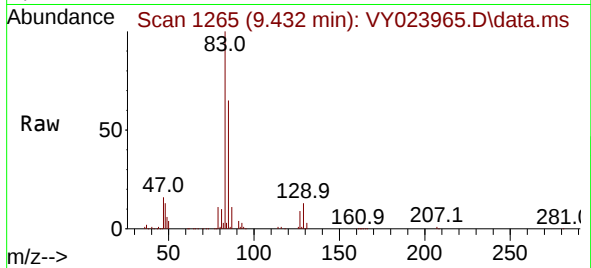




#47
Bromodichloromethane
Concen: 19.949 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

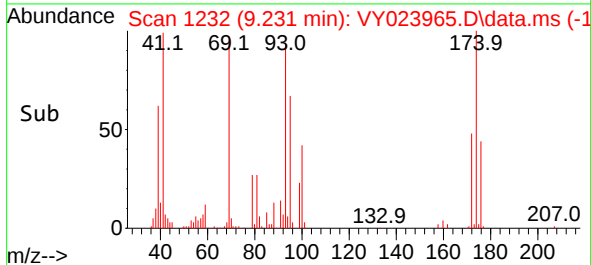
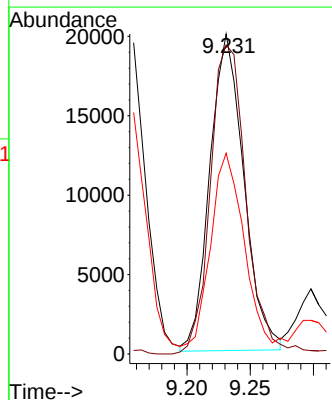
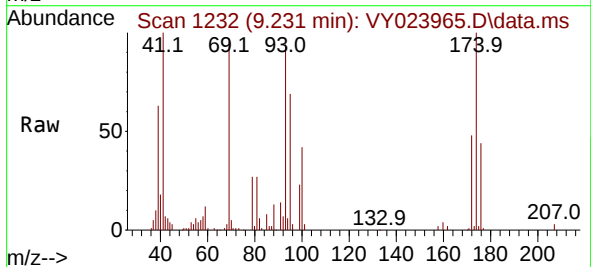
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

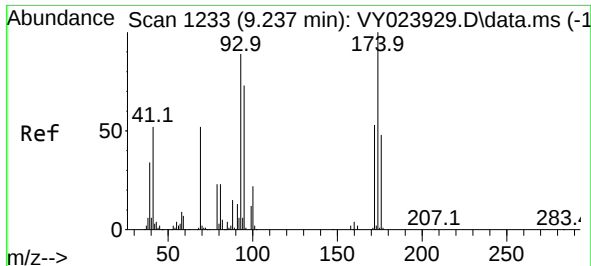
Tgt Ion: 83 Resp: 138792
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1
127 9.2 7.0 10.4



#48
Methyl methacrylate
Concen: 15.976 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 41 Resp: 37277
Ion Ratio Lower Upper
41 100
69 103.2 74.7 112.1
39 59.2 47.4 71.2





#49

1,4-Dioxane

Concen: 315.295 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

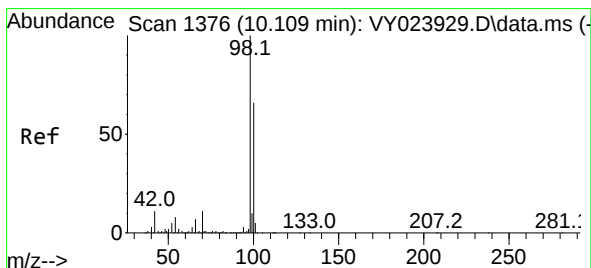
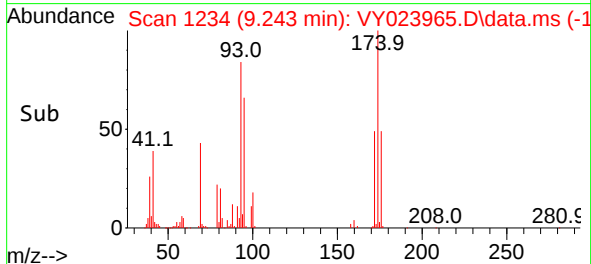
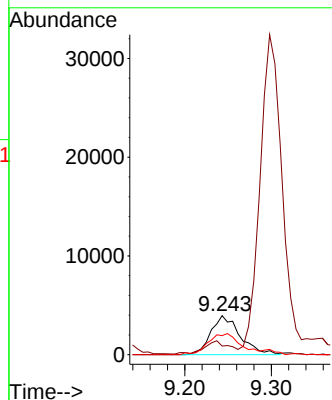
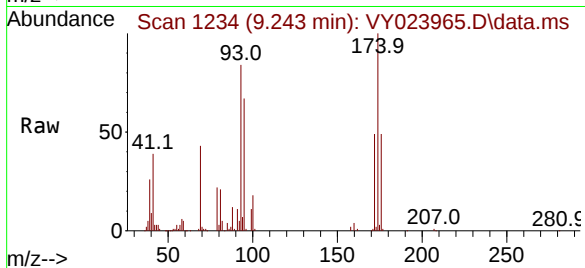
Tgt Ion: 88 Resp: 9296

Ion Ratio Lower Upper

88 100

43 28.3 22.3 33.5

58 65.4 52.3 78.5



#50

Toluene-d8

Concen: 52.712 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023965.D

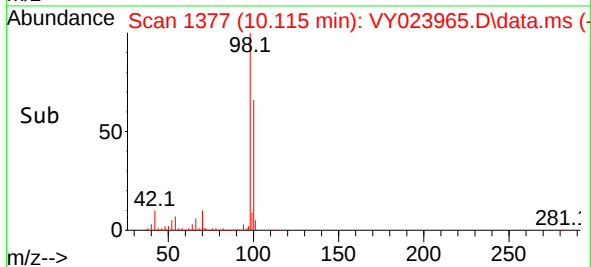
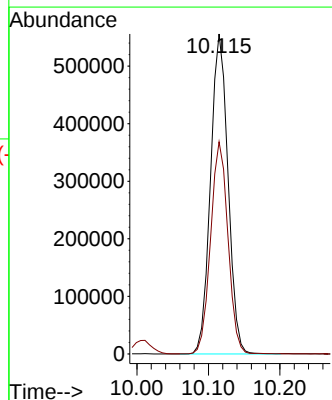
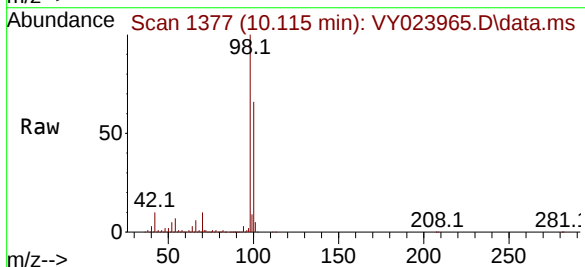
Acq: 15 Dec 2025 10:39

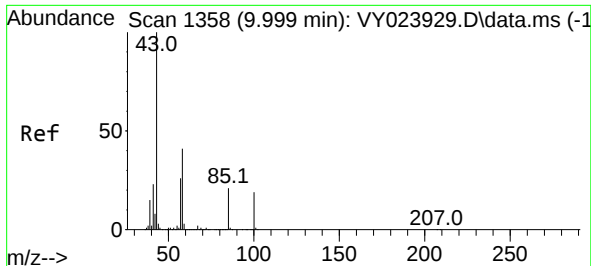
Tgt Ion: 98 Resp: 942082

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 78.563 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

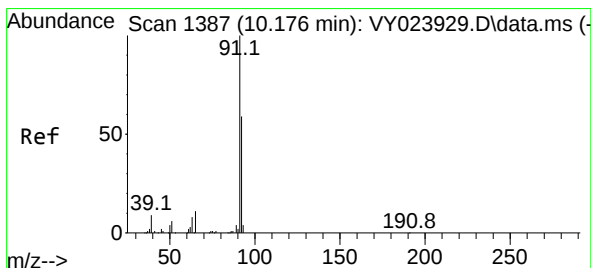
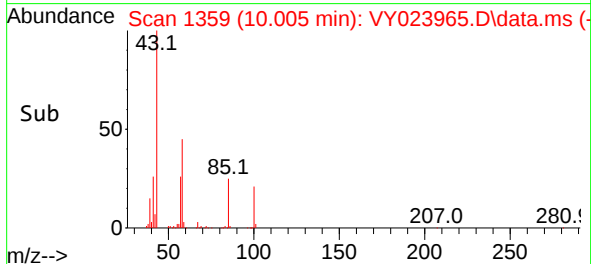
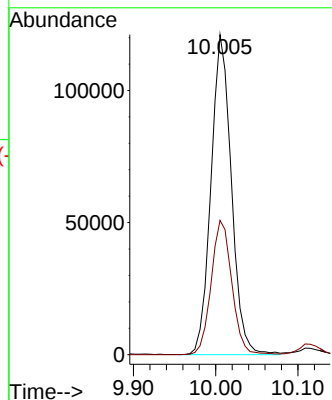
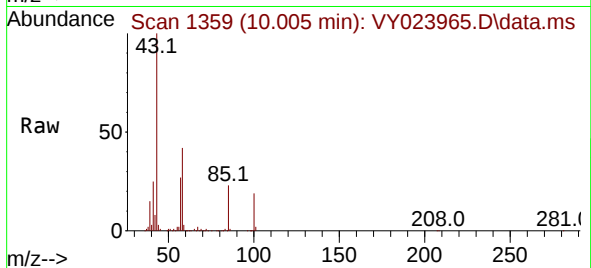
VY1215SBS01

Tgt Ion: 43 Resp: 208630

Ion Ratio Lower Upper

43 100

58 42.6 33.1 49.7



#52

Toluene

Concen: 20.121 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY023965.D

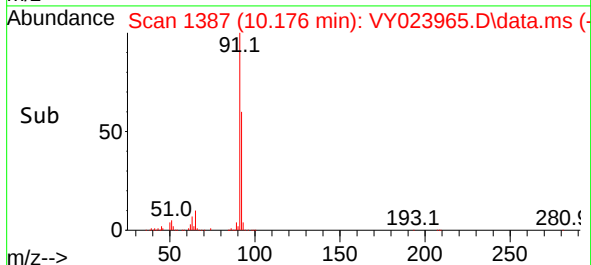
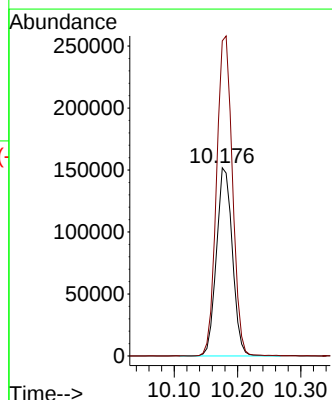
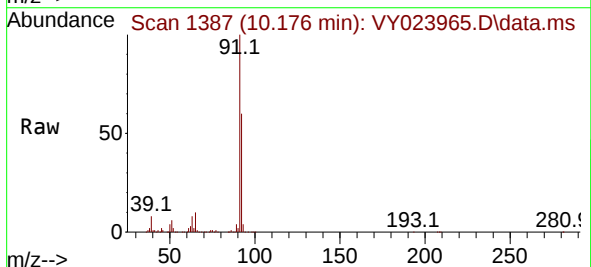
Acq: 15 Dec 2025 10:39

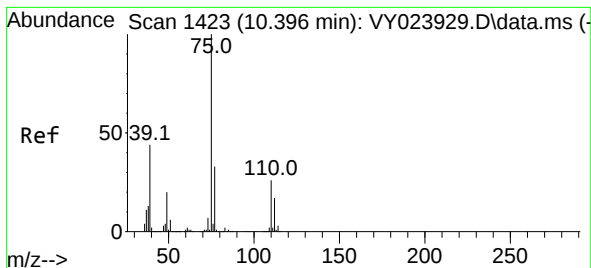
Tgt Ion: 92 Resp: 264974

Ion Ratio Lower Upper

92 100

91 169.8 135.8 203.6

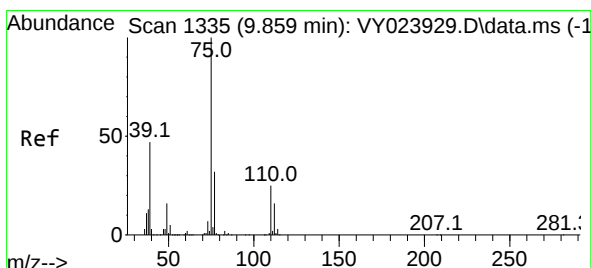
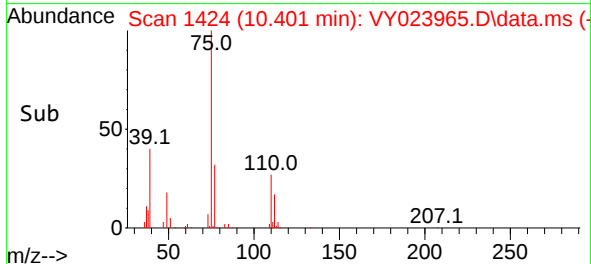
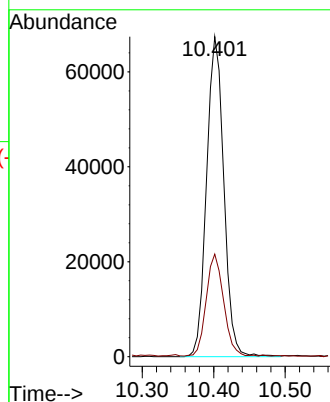
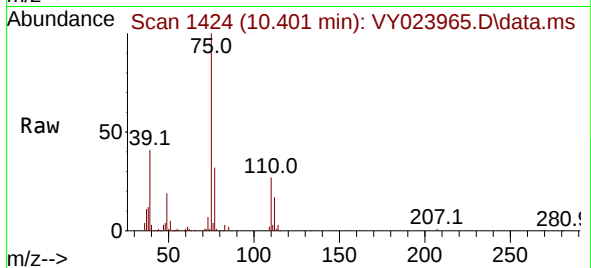




#53
 t-1,3-Dichloropropene
 Concen: 18.786 ug/l
 RT: 10.401 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

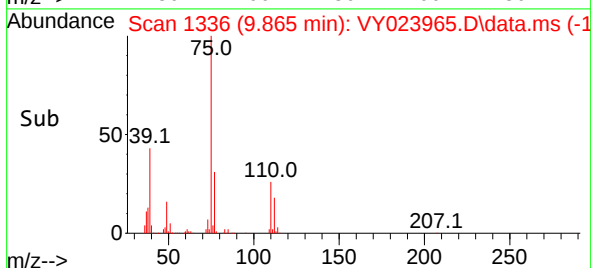
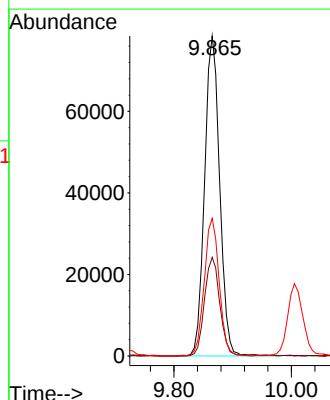
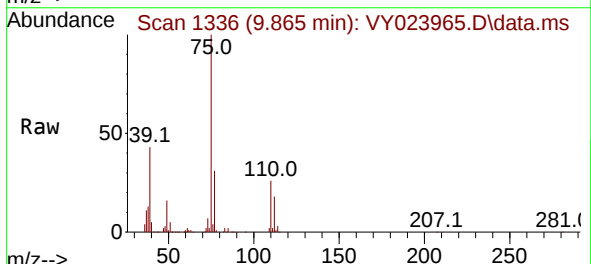
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

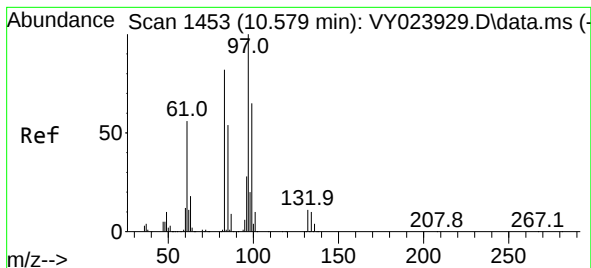
Tgt Ion: 75 Resp: 112947
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.752 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

Tgt Ion: 75 Resp: 139934
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 42.9 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 19.070 ug/l

RT: 10.578 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

Tgt Ion: 97 Resp: 69416

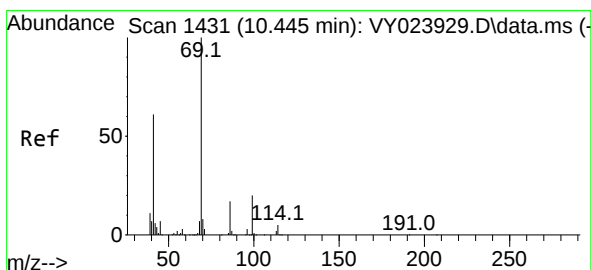
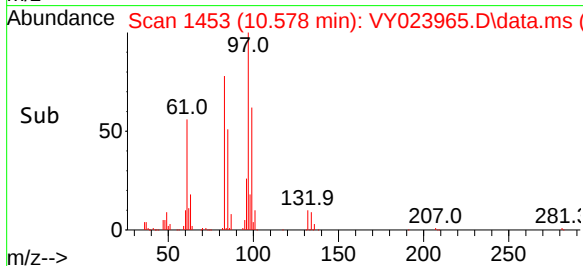
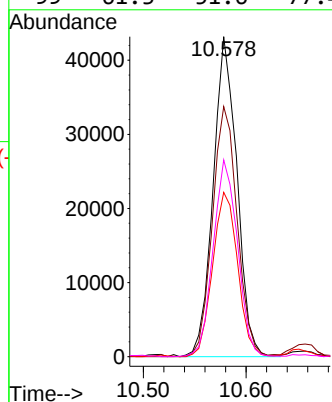
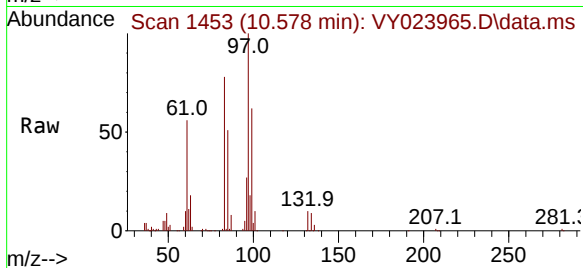
Ion Ratio Lower Upper

97 100

83 78.1 65.8 98.6

85 51.4 43.1 64.7

99 61.3 51.6 77.4



#56

Ethyl methacrylate

Concen: 17.120 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

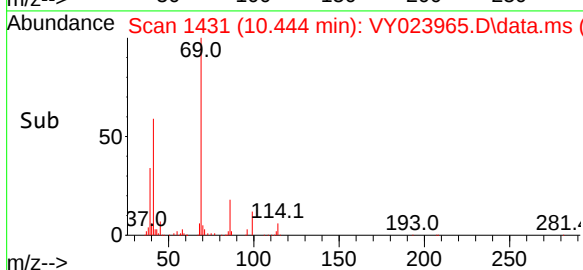
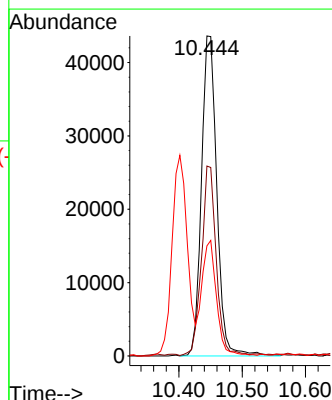
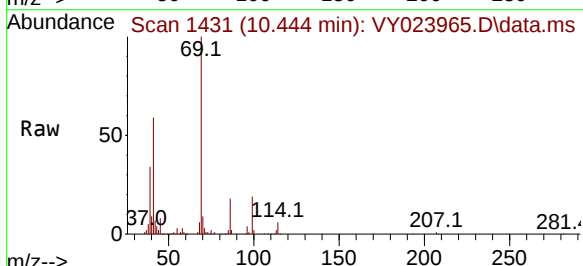
Tgt Ion: 69 Resp: 73877

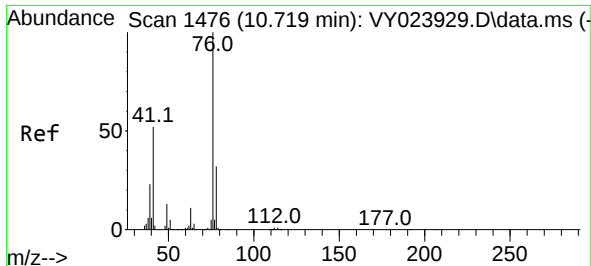
Ion Ratio Lower Upper

69 100

41 56.6 49.0 73.4

39 34.2 29.1 43.7





#57

1,3-Dichloropropane

Concen: 18.459 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

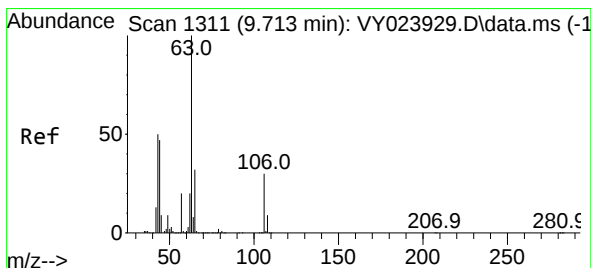
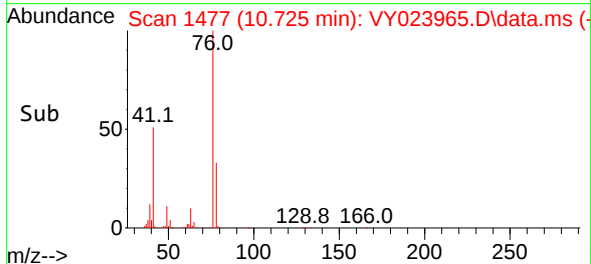
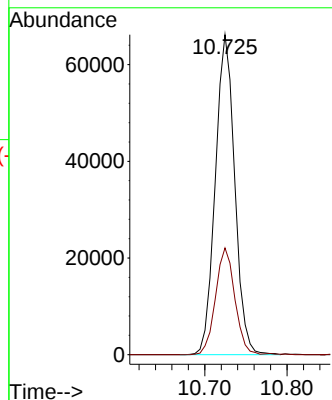
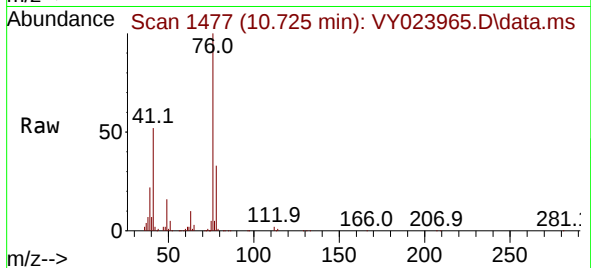
VY1215SBS01

Tgt Ion: 76 Resp: 108671

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 78.531 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023965.D

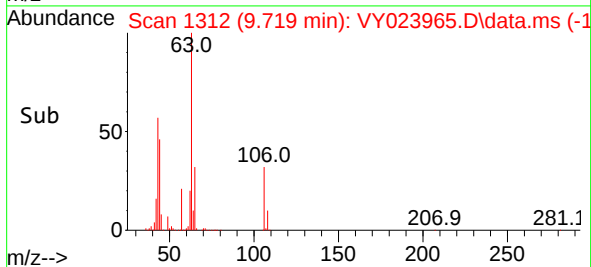
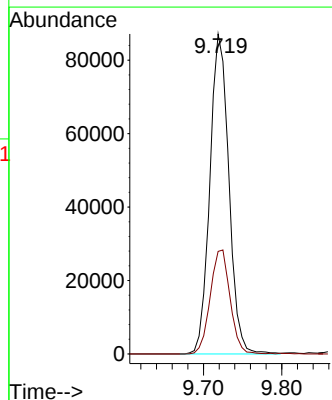
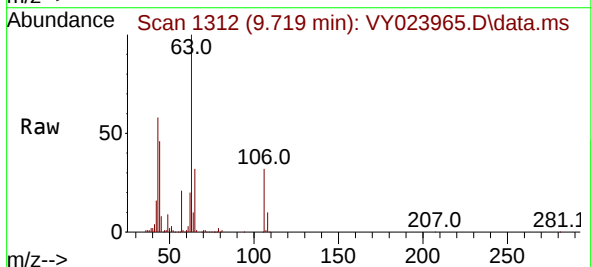
Acq: 15 Dec 2025 10:39

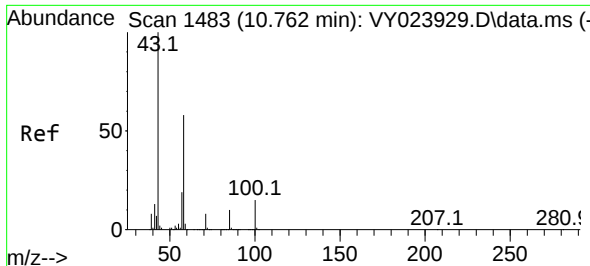
Tgt Ion: 63 Resp: 146788

Ion Ratio Lower Upper

63 100

106 33.9 25.2 37.8

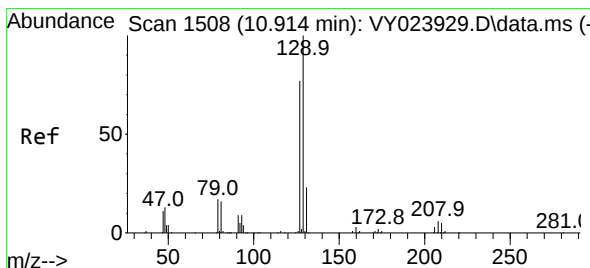
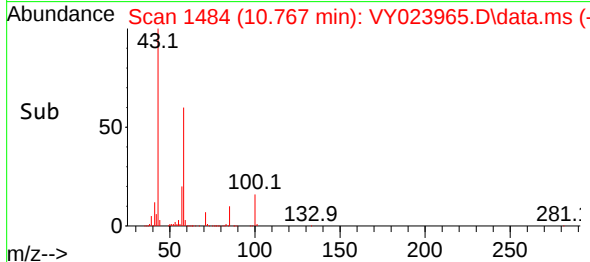
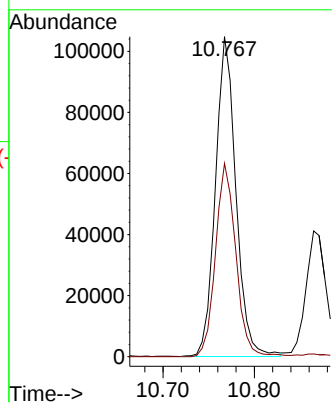
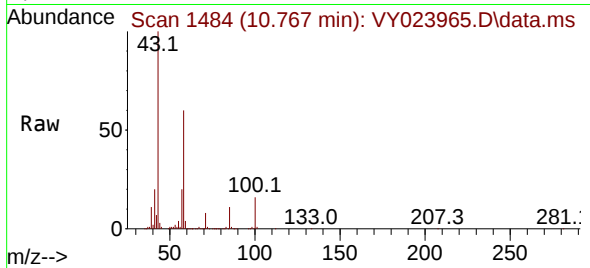




#59
2-Hexanone
Concen: 80.815 ug/l
RT: 10.767 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

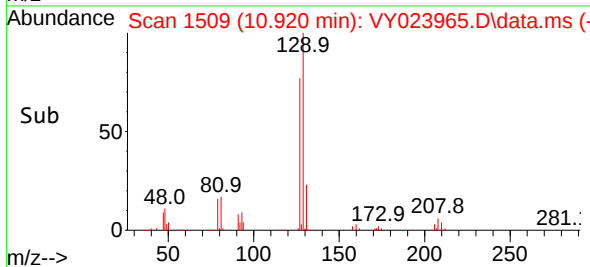
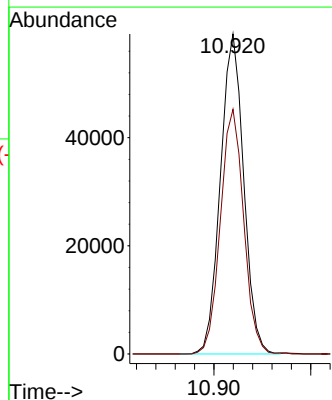
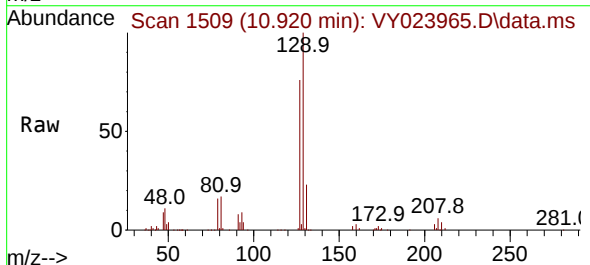
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

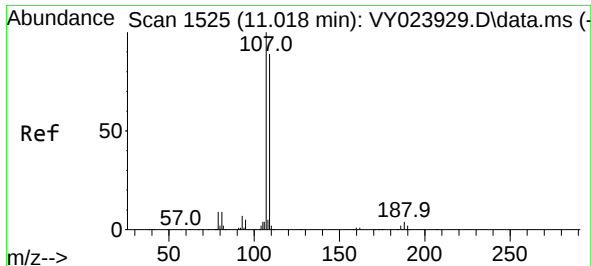
Tgt Ion: 43 Resp: 162880
Ion Ratio Lower Upper
43 100
58 60.1 29.0 87.0



#60
Dibromochloromethane
Concen: 19.598 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 129 Resp: 98766
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5

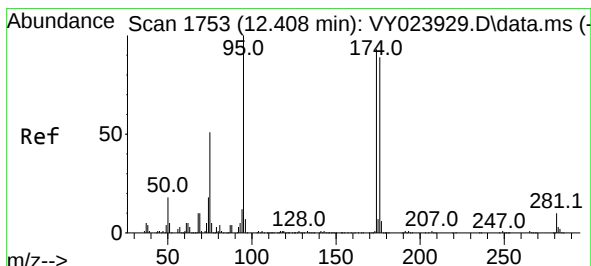
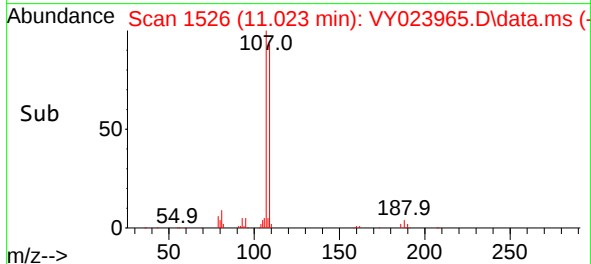
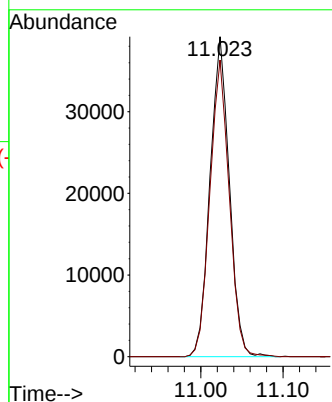
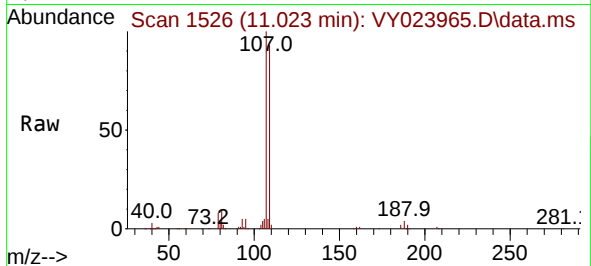




#61
1,2-Dibromoethane
Concen: 18.886 ug/l
RT: 11.023 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

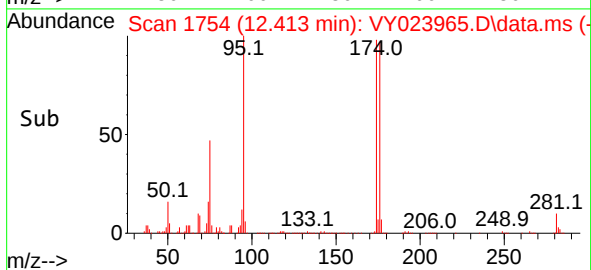
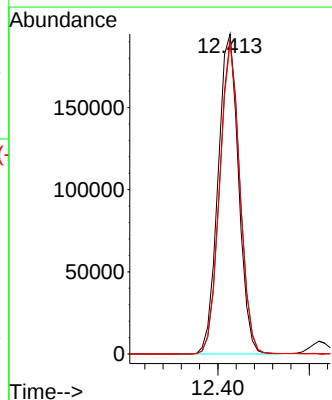
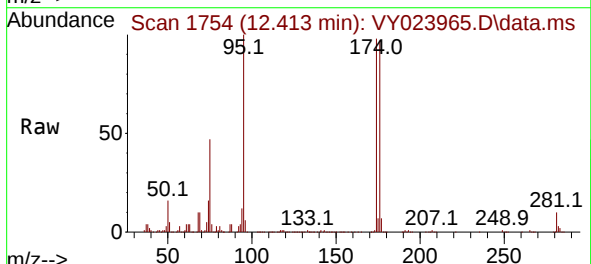
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

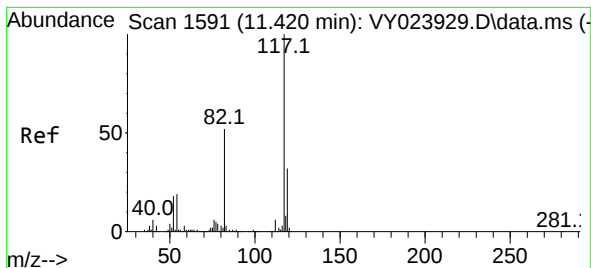
Tgt Ion:107 Resp: 63704
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 50.963 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 95 Resp: 304173
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 94.8 0.0 179.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

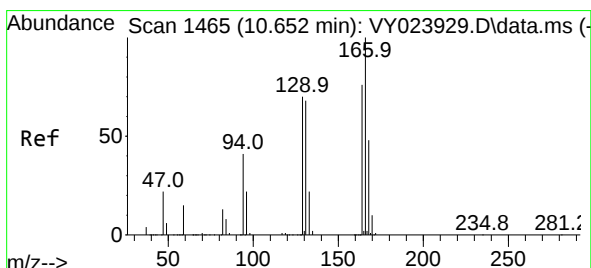
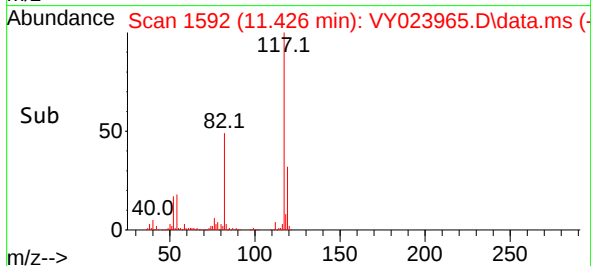
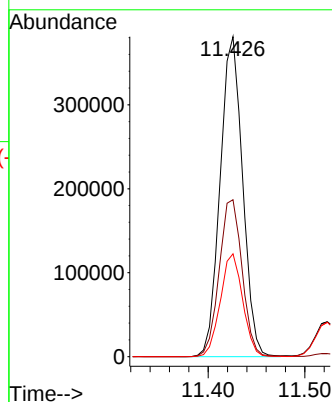
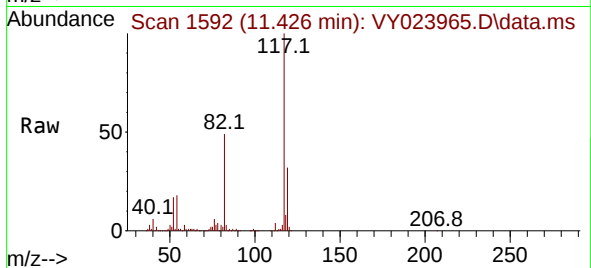
Tgt Ion:117 Resp: 614369

Ion Ratio Lower Upper

117 100

82 49.0 41.4 62.2

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 21.439 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Tgt Ion:164 Resp: 141499

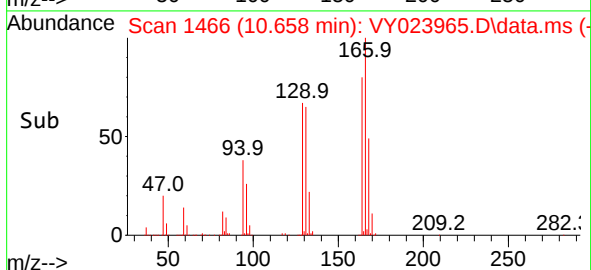
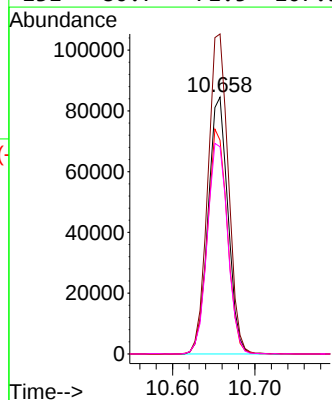
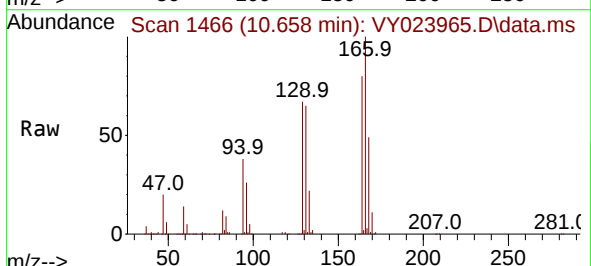
Ion Ratio Lower Upper

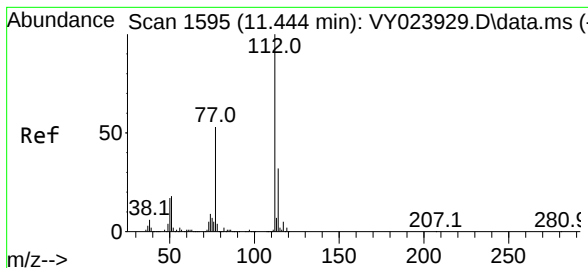
164 100

166 124.6 105.0 157.4

129 83.2 73.0 109.4

131 80.7 71.5 107.3





#65

Chlorobenzene

Concen: 21.055 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

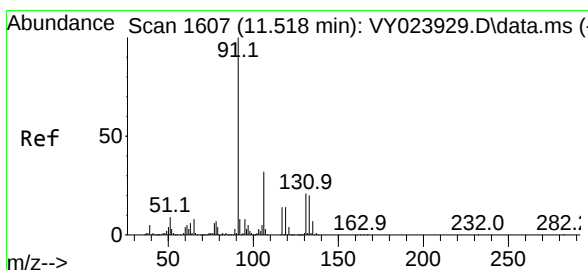
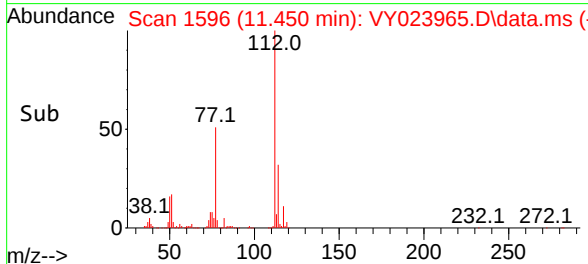
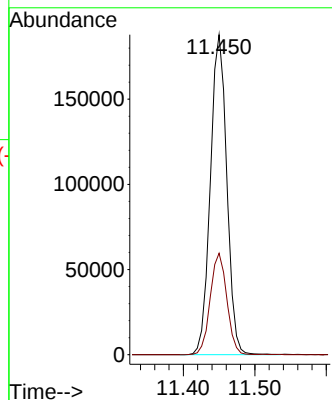
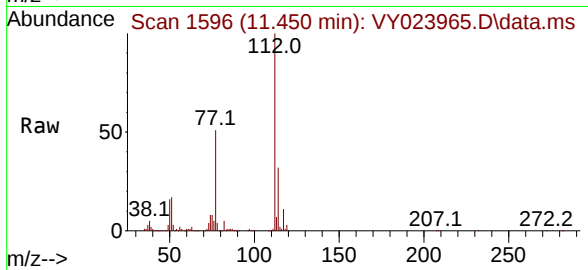
VY1215SBS01

Tgt Ion:112 Resp: 299740

Ion Ratio Lower Upper

112 100

114 31.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.073 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

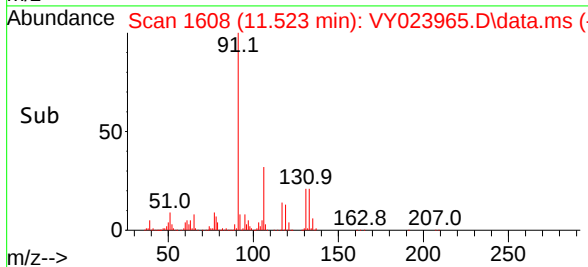
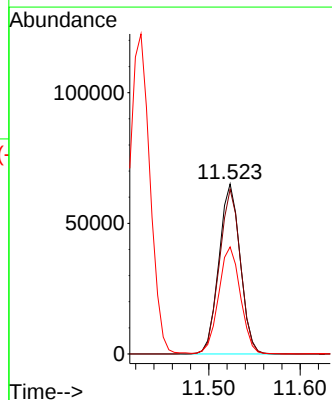
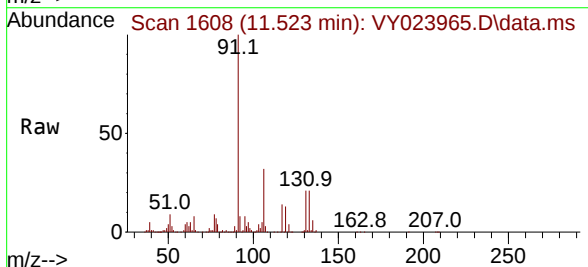
Tgt Ion:131 Resp: 105212

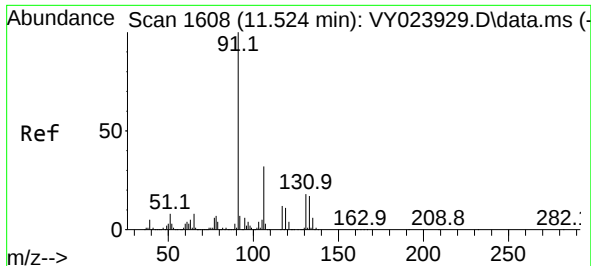
Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.3

119 64.8 33.1 99.2





#67

Ethyl Benzene

Concen: 20.379 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

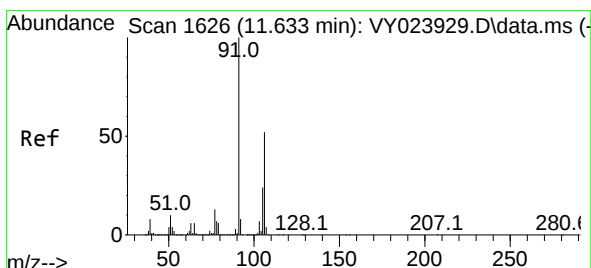
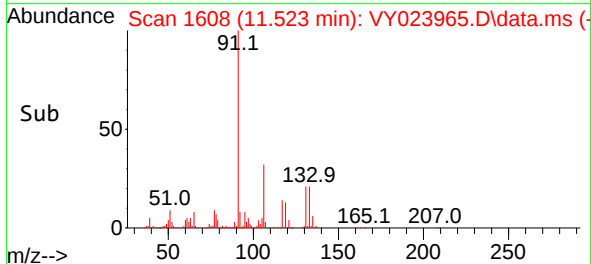
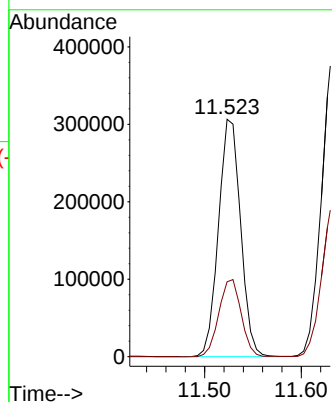
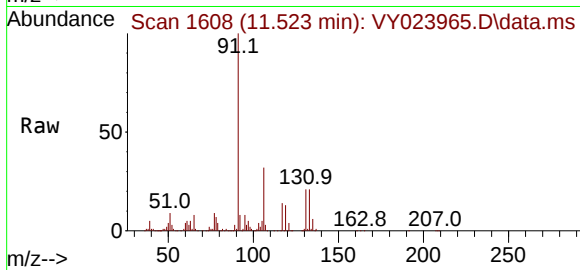
VY1215SBS01

Tgt Ion: 91 Resp: 486099

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.8



#68

m/p-Xylenes

Concen: 41.384 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY023965.D

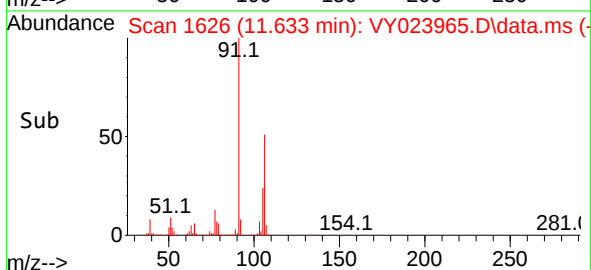
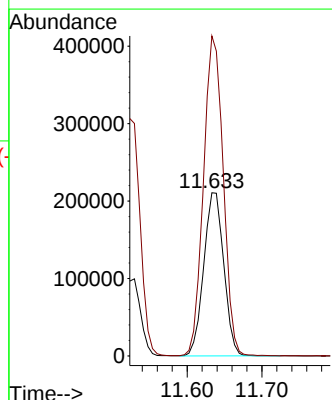
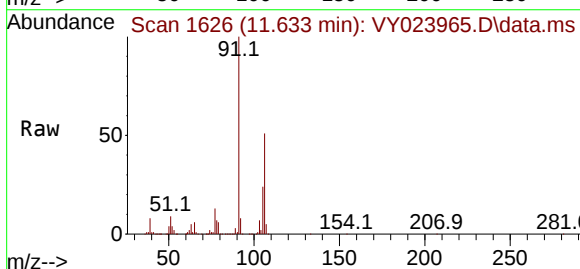
Acq: 15 Dec 2025 10:39

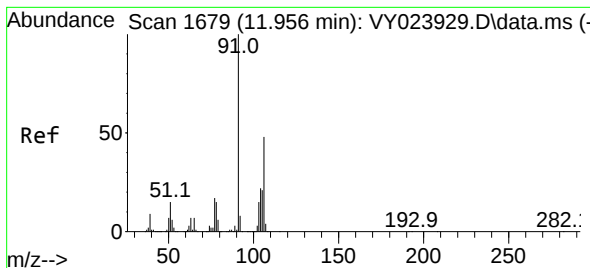
Tgt Ion:106 Resp: 391856

Ion Ratio Lower Upper

106 100

91 193.5 155.0 232.6





#69

o-Xylene

Concen: 20.436 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

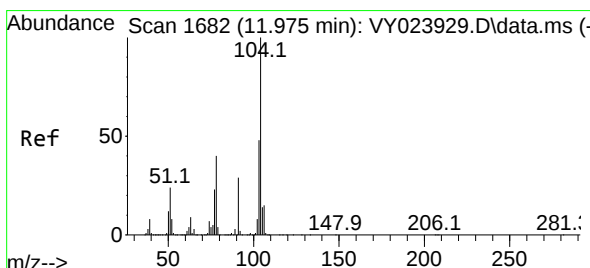
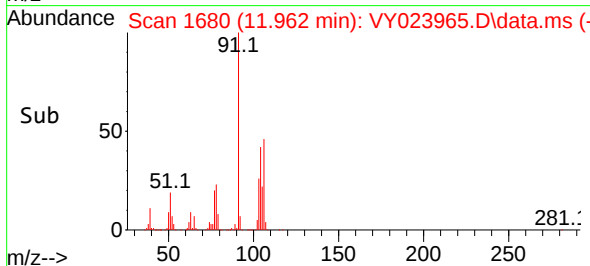
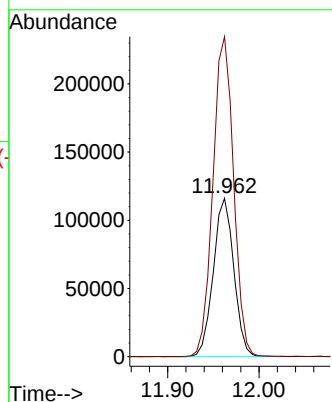
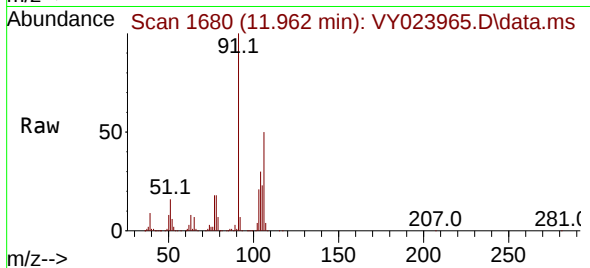
VY1215SBS01

Tgt Ion:106 Resp: 181012

Ion Ratio Lower Upper

106 100

91 203.6 102.1 306.1



#70

Styrene

Concen: 20.529 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

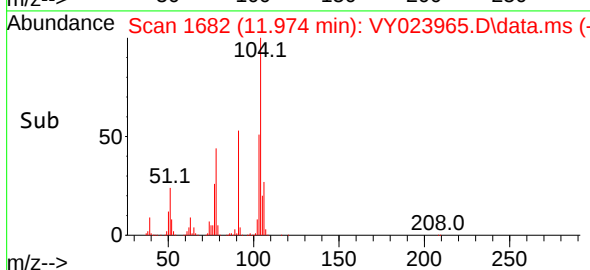
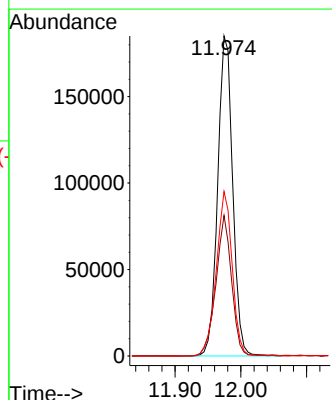
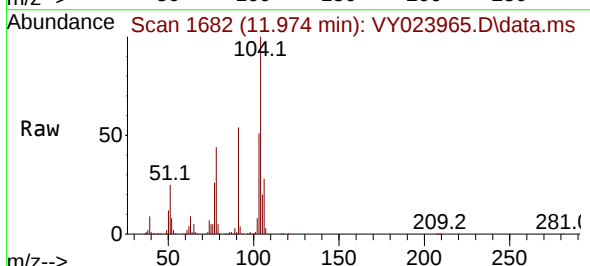
Tgt Ion:104 Resp: 293764

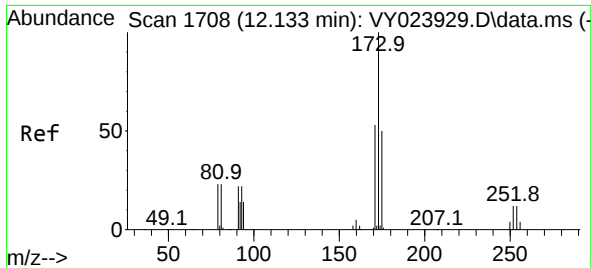
Ion Ratio Lower Upper

104 100

78 45.9 37.4 56.0

103 54.6 43.0 64.4

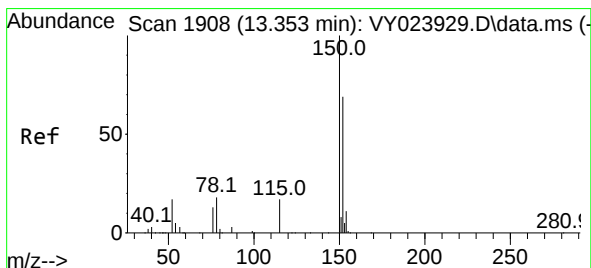
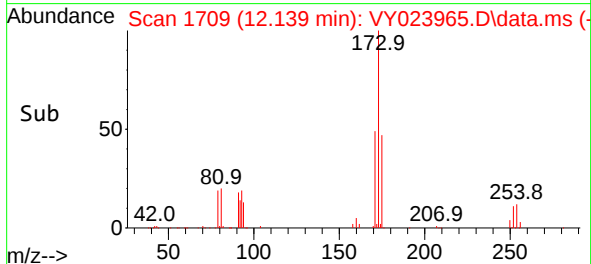
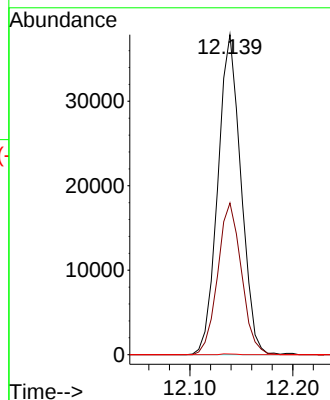
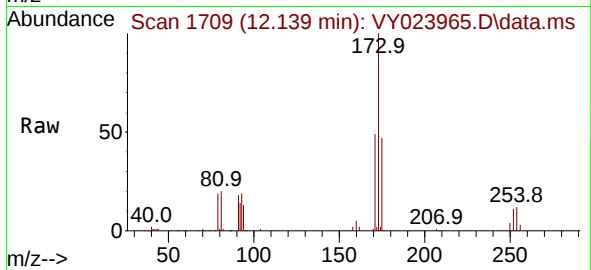




#71
Bromoform
Concen: 20.074 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

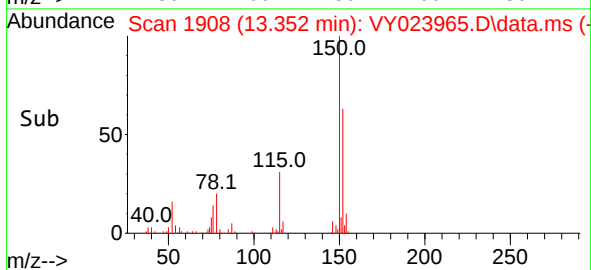
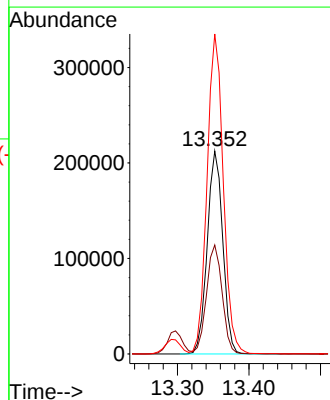
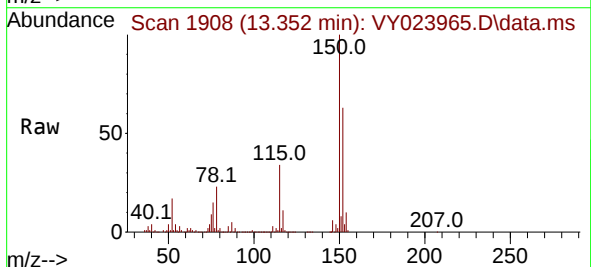
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

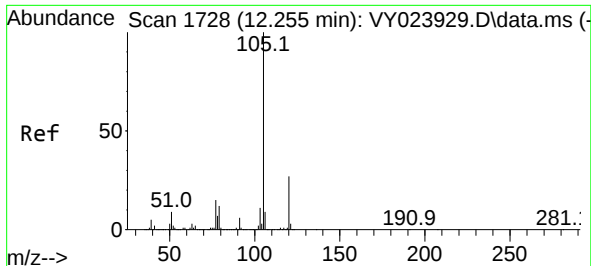
Tgt Ion:173 Resp: 59064
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion:152 Resp: 320830
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 164.5 0.0 347.6

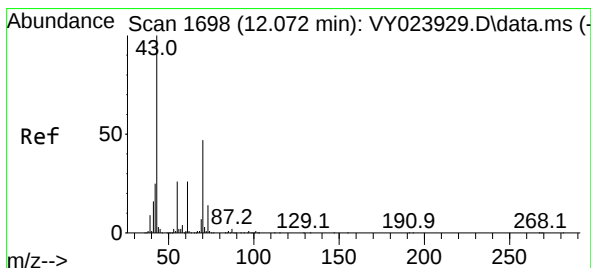
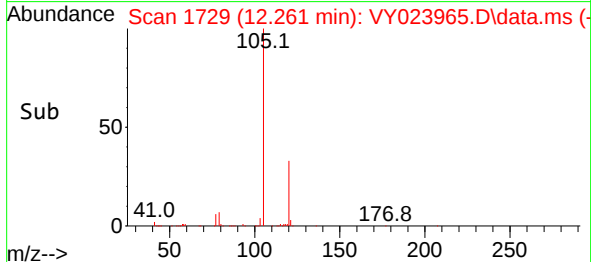
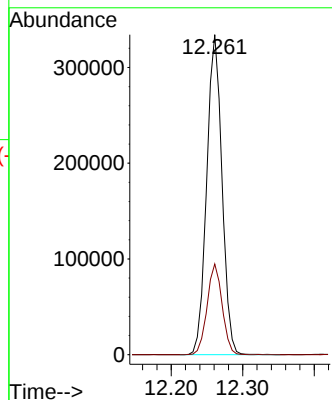
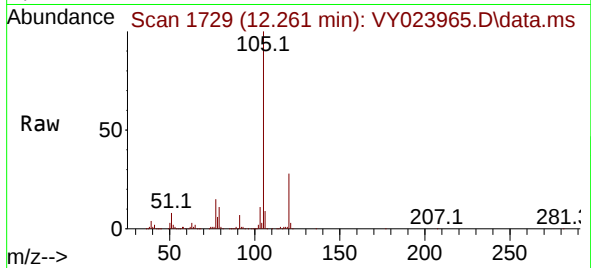




#73
Isopropylbenzene
Concen: 21.141 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

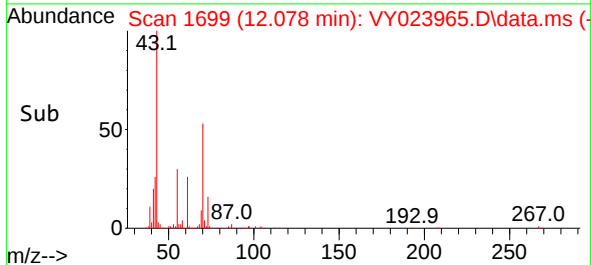
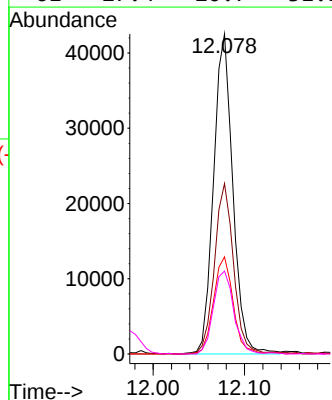
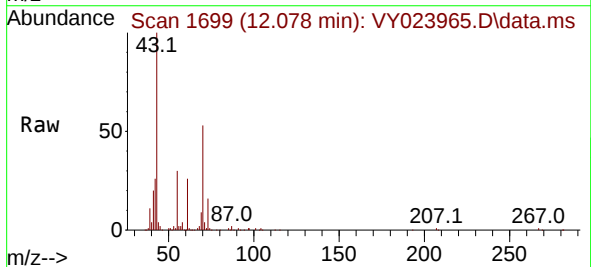
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

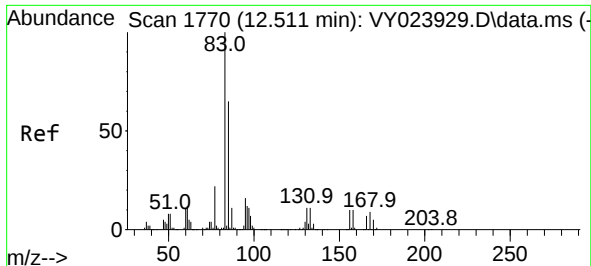
Tgt Ion:105 Resp: 495694
Ion Ratio Lower Upper
105 100
120 27.9 13.7 41.0



#74
N-ethyl acetate
Concen: 14.974 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 43 Resp: 62276
Ion Ratio Lower Upper
43 100
70 53.3 37.4 56.0
55 30.8 21.6 32.4
61 27.4 20.7 31.1

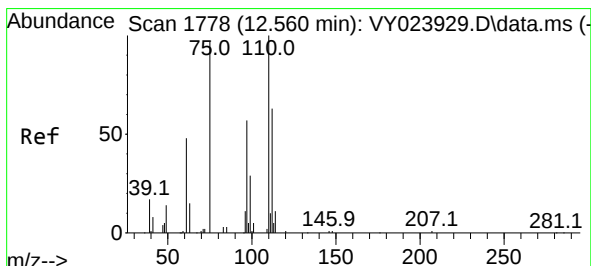
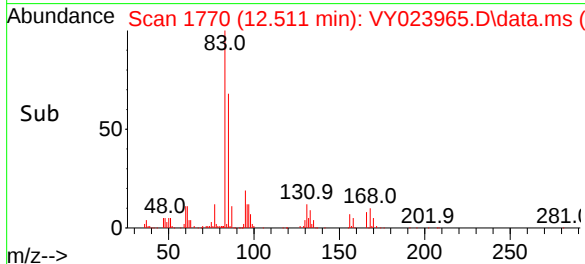
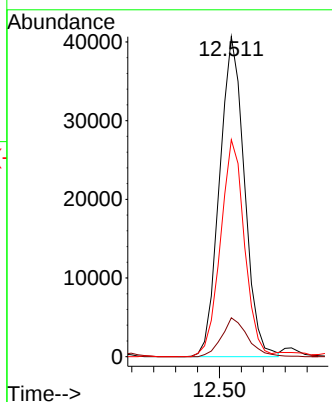
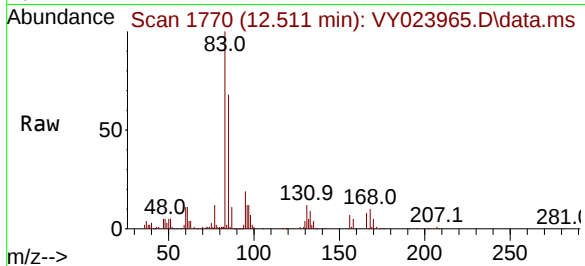




#75
1,1,2,2-Tetrachloroethane
Concen: 17.942 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

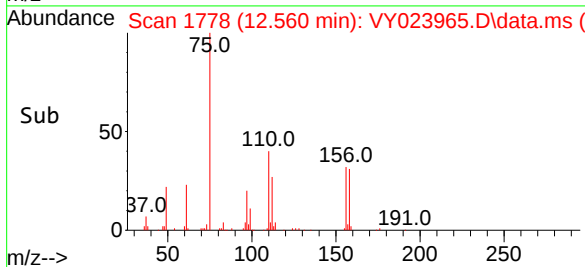
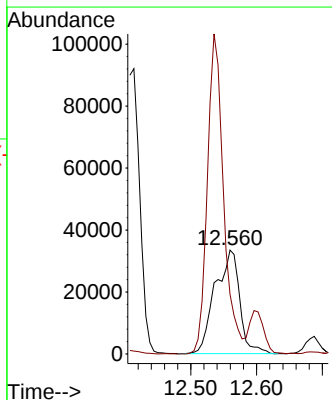
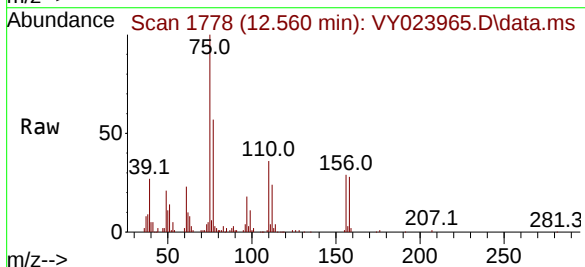
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

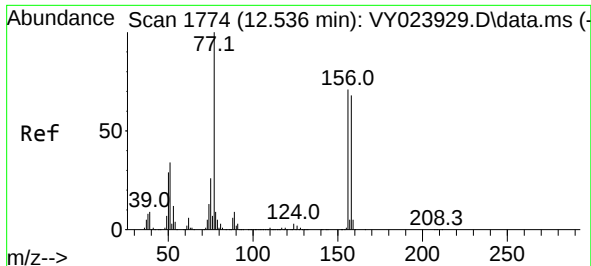
Tgt Ion: 83 Resp: 64055
Ion Ratio Lower Upper
83 100
131 12.8 5.6 16.8
85 66.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 32.017 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 75 Resp: 86891
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

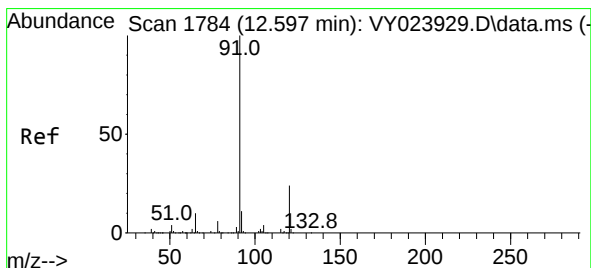
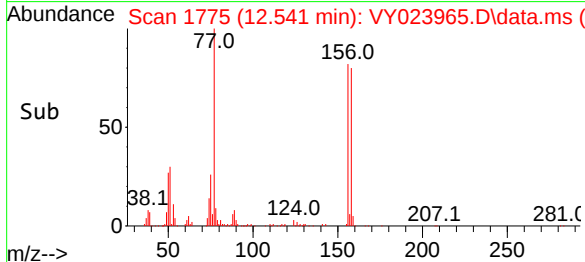
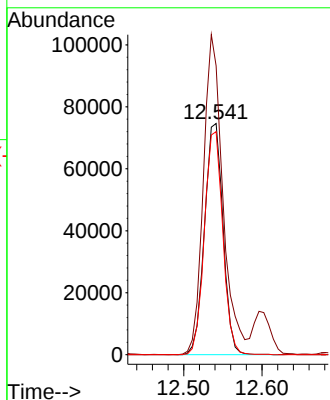
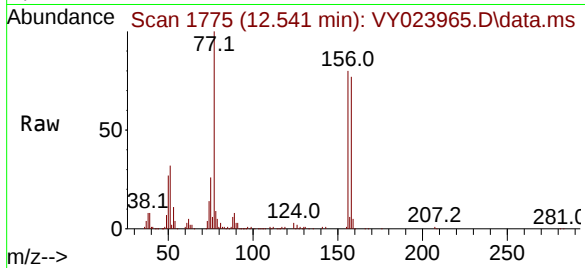




#77
Bromobenzene
Concen: 21.003 ug/l
RT: 12.541 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

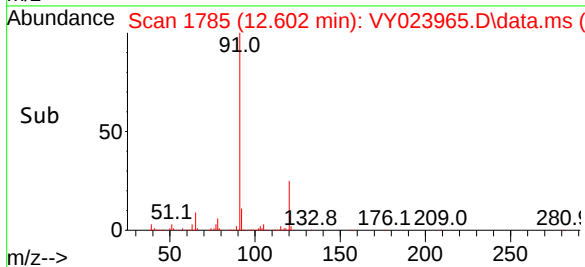
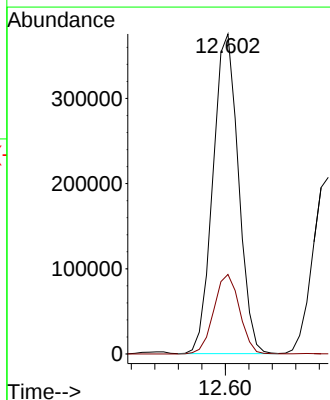
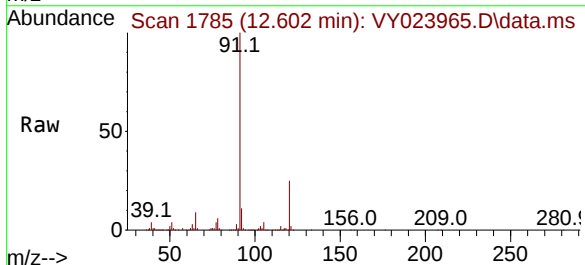
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

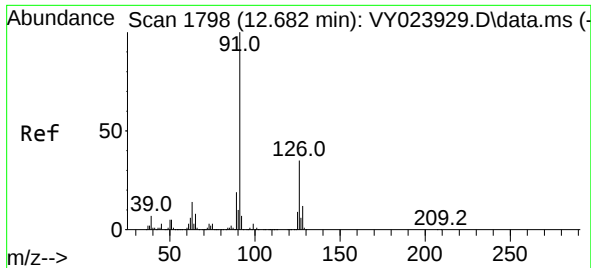
Tgt Ion:156 Resp: 122190
Ion Ratio Lower Upper
156 100
77 145.1 79.8 239.4
158 96.0 48.0 144.2



#78
n-propylbenzene
Concen: 20.762 ug/l
RT: 12.602 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 91 Resp: 566390
Ion Ratio Lower Upper
91 100
120 25.1 12.0 36.0

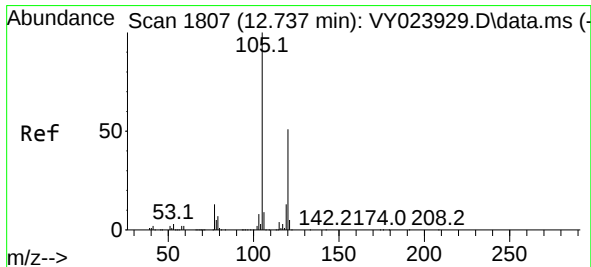
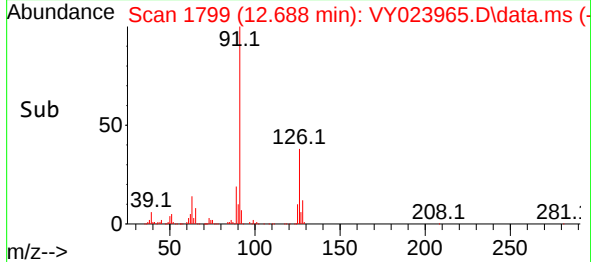
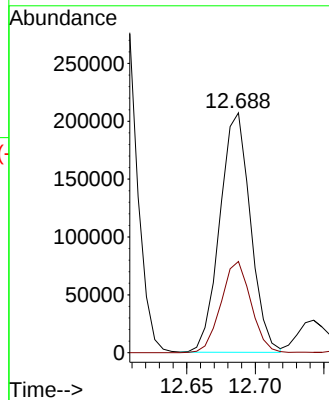
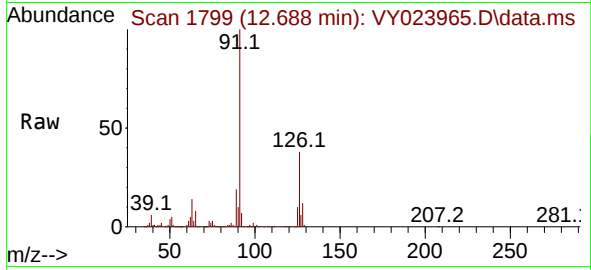




#79
2-Chlorotoluene
Concen: 20.763 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

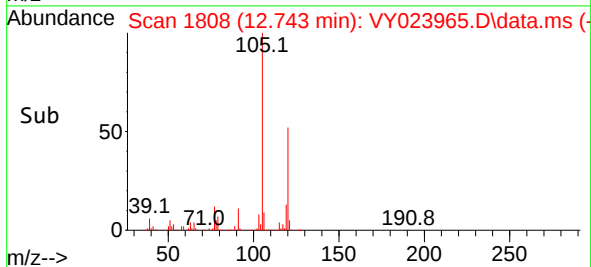
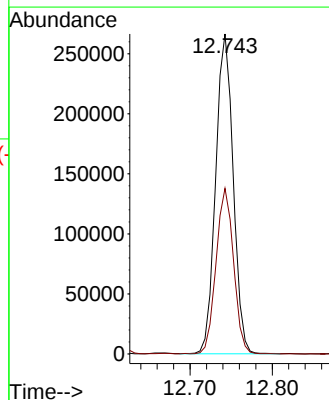
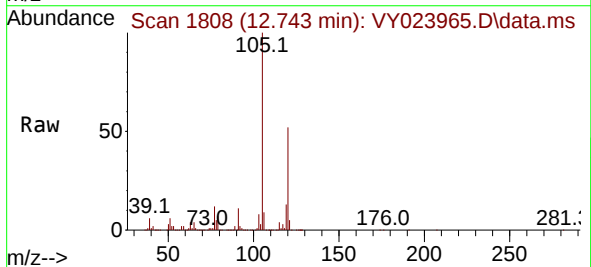
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

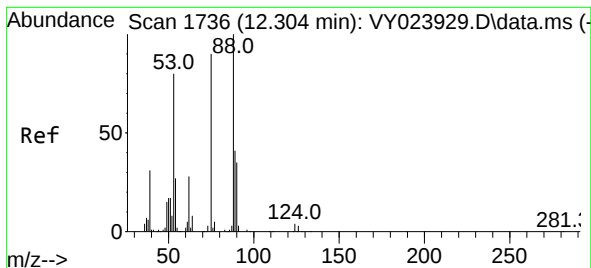
Tgt Ion: 91 Resp: 321751
Ion Ratio Lower Upper
91 100
126 37.4 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 21.062 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 105 Resp: 393970
Ion Ratio Lower Upper
105 100
120 51.7 25.7 77.1

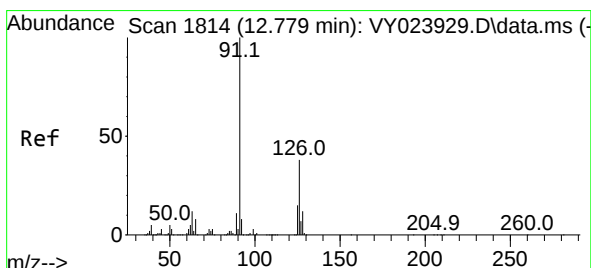
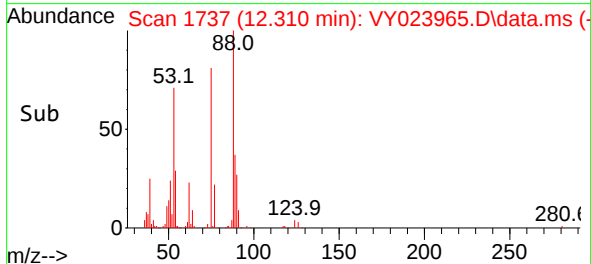
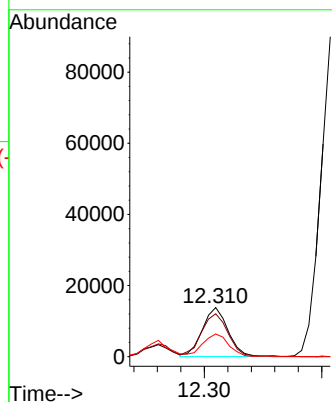
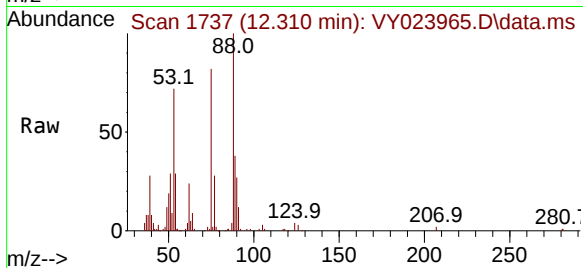




#81
trans-1,4-Dichloro-2-butene
Concen: 17.338 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

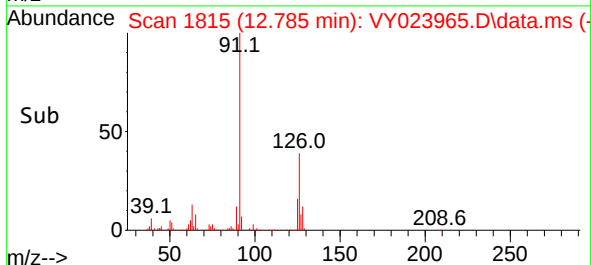
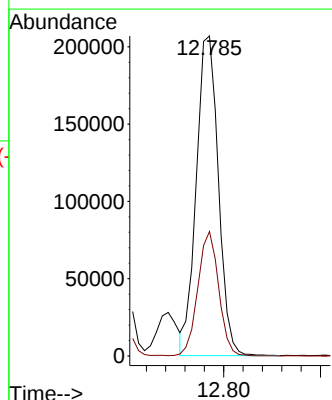
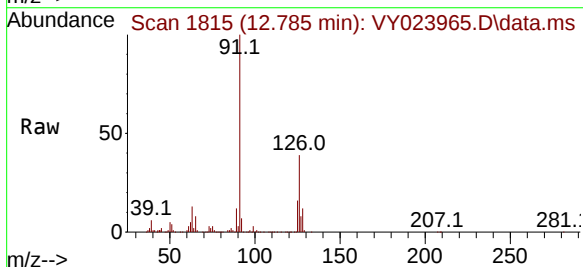
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

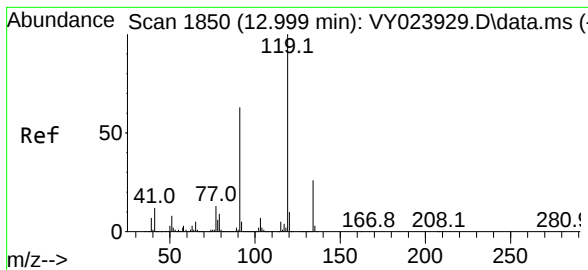
Tgt Ion: 75 Resp: 20671
Ion Ratio Lower Upper
75 100
53 93.3 73.4 110.0
89 46.9 38.9 58.3



#82
4-Chlorotoluene
Concen: 20.578 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion: 91 Resp: 328268
Ion Ratio Lower Upper
91 100
126 36.8 18.1 54.1

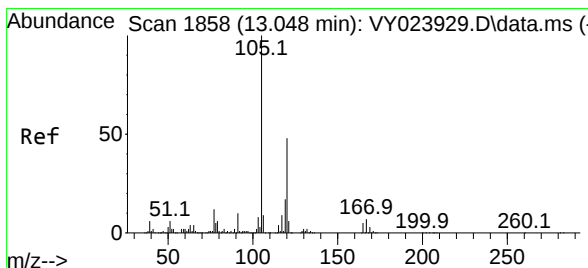
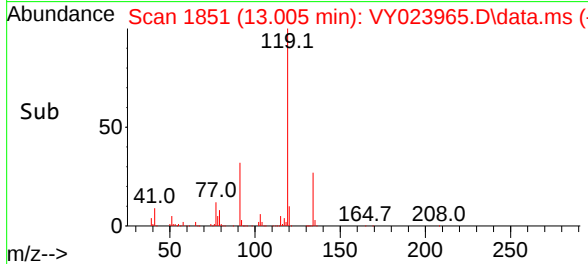
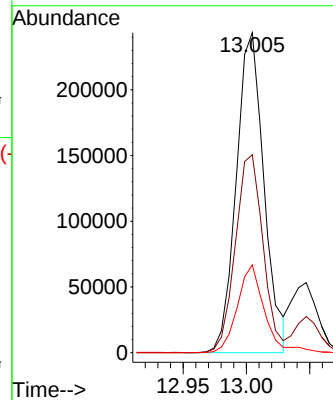
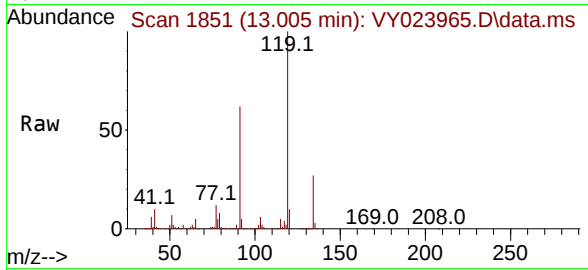




#83
 tert-Butylbenzene
 Concen: 21.485 ug/l
 RT: 13.005 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

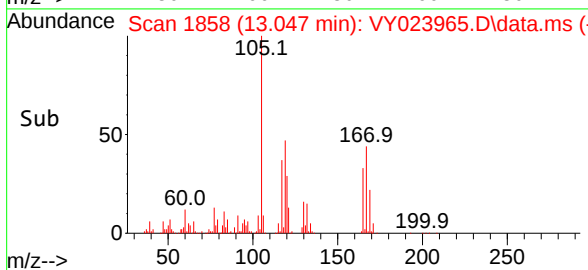
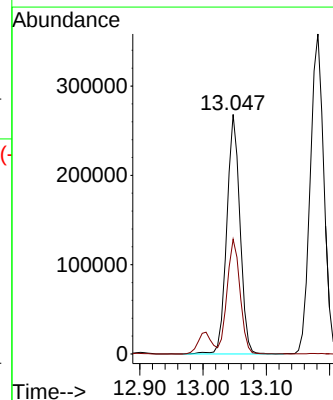
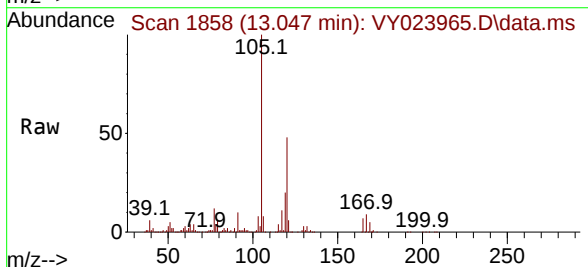
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBS01

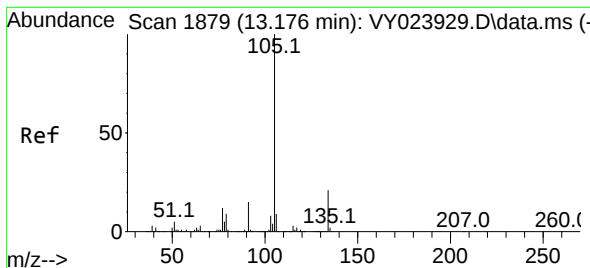
Tgt Ion:119 Resp: 371318
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.6 94.7
 134 26.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.764 ug/l
 RT: 13.047 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY023965.D
 Acq: 15 Dec 2025 10:39

Tgt Ion:105 Resp: 384759
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.130 ug/l

RT: 13.181 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

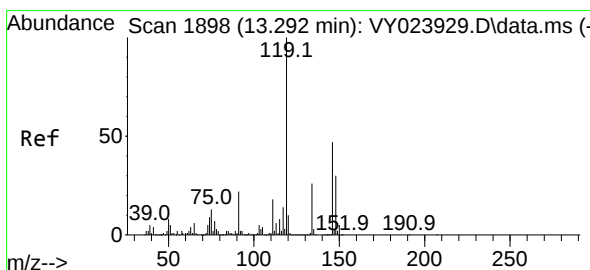
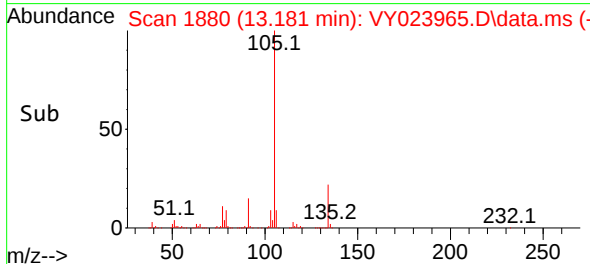
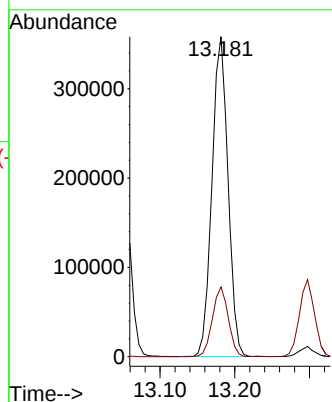
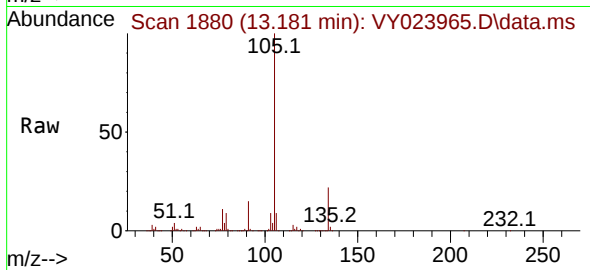
VY1215SBS01

Tgt Ion:105 Resp: 532727

Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.978 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

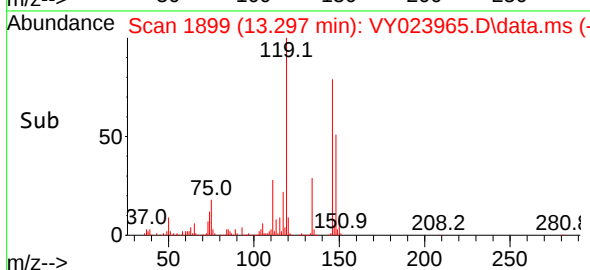
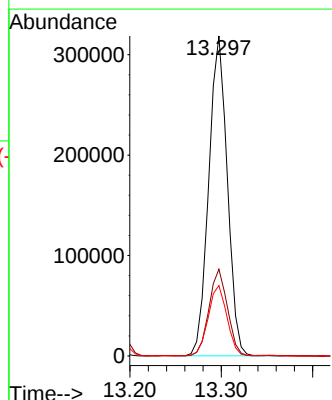
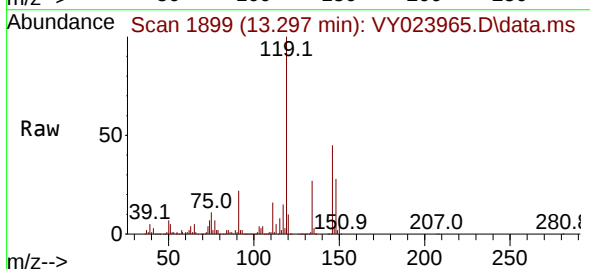
Tgt Ion:119 Resp: 447672

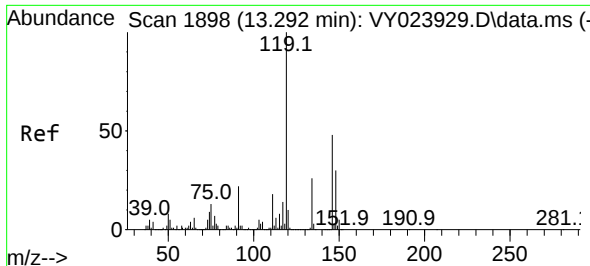
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.2 11.1 33.3

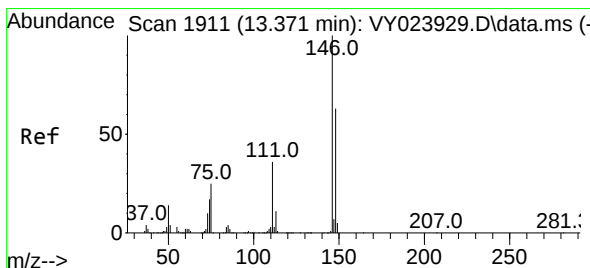
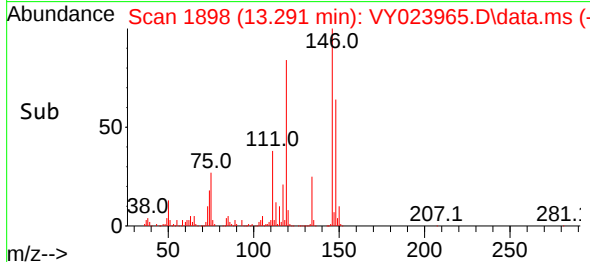
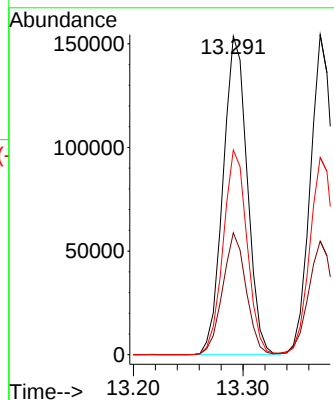
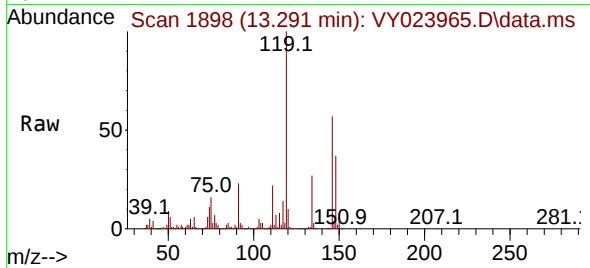




#87
1,3-Dichlorobenzene
Concen: 20.826 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

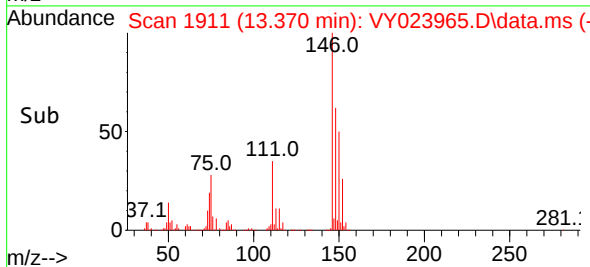
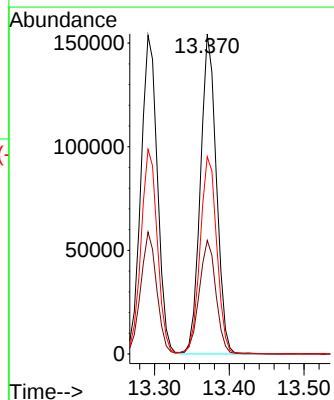
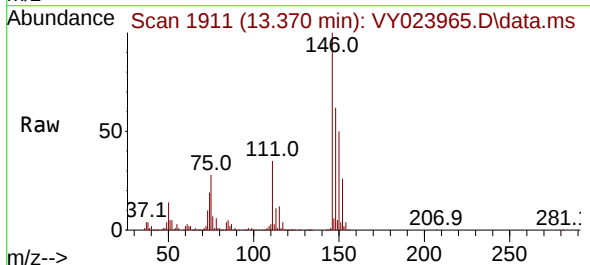
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBS01

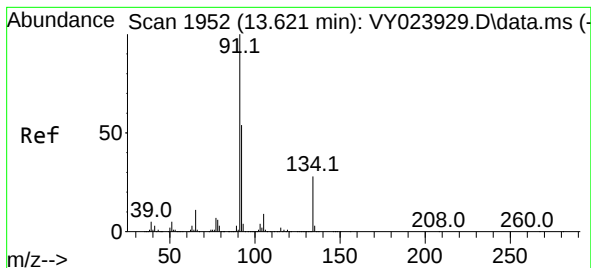
Tgt Ion:146 Resp: 235284
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.9
148 63.7 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.593 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY023965.D
Acq: 15 Dec 2025 10:39

Tgt Ion:146 Resp: 229337
Ion Ratio Lower Upper
146 100
111 37.3 18.4 55.0
148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 20.082 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

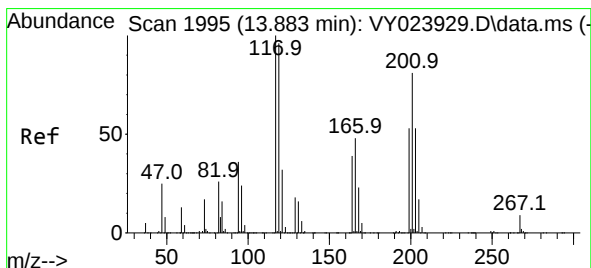
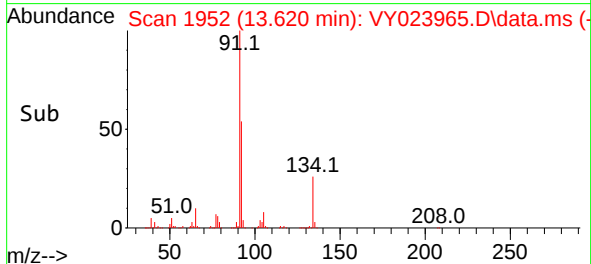
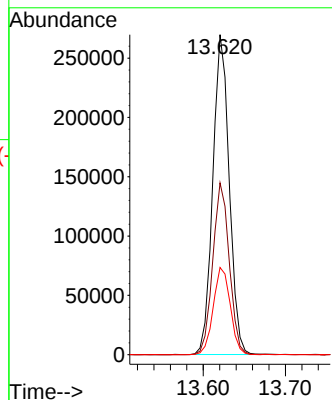
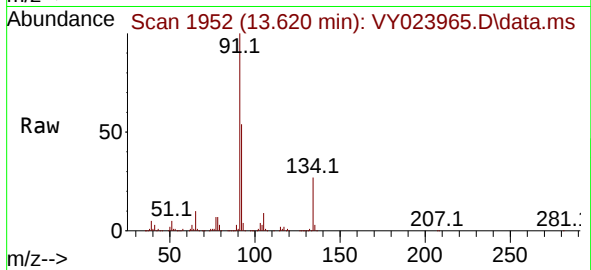
Tgt Ion: 91 Resp: 374940

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.6

134 28.3 13.9 41.6



#90

Hexachloroethane

Concen: 20.982 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY023965.D

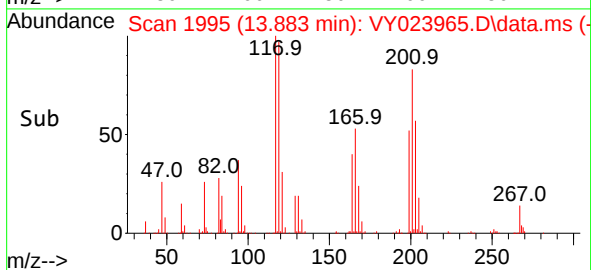
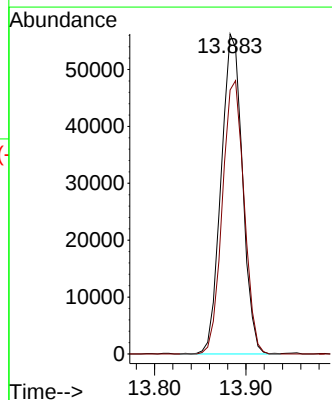
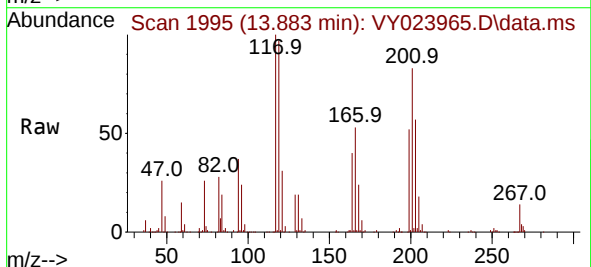
Acq: 15 Dec 2025 10:39

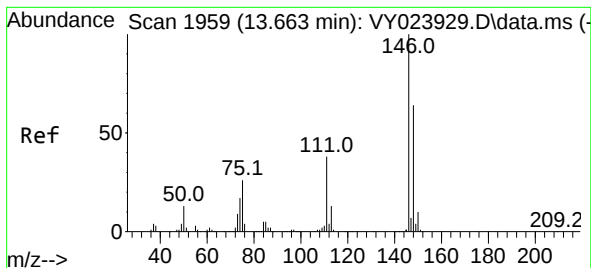
Tgt Ion: 117 Resp: 91368

Ion Ratio Lower Upper

117 100

201 86.7 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

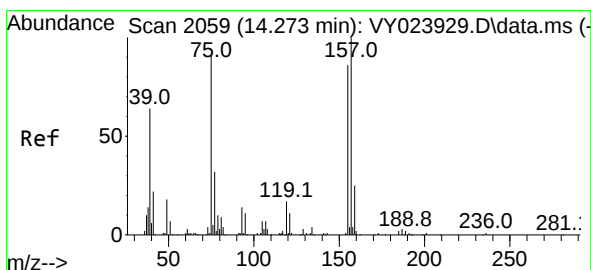
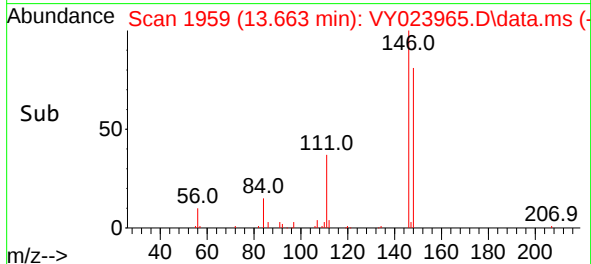
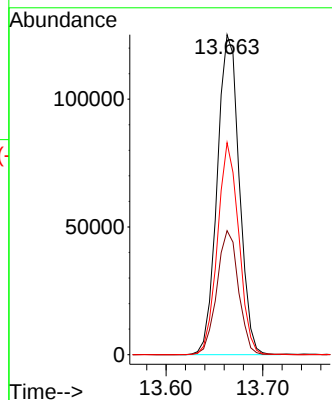
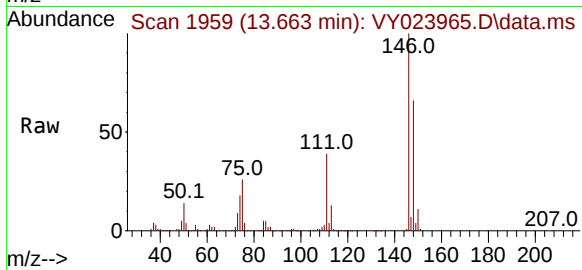
Tgt Ion:146 Resp: 198155

Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.303 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

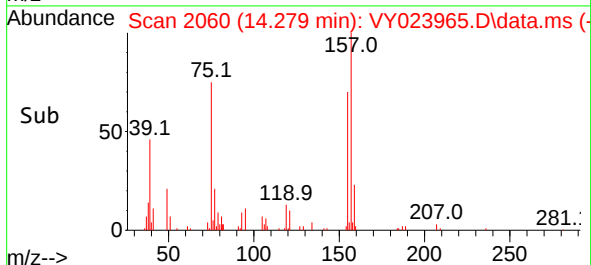
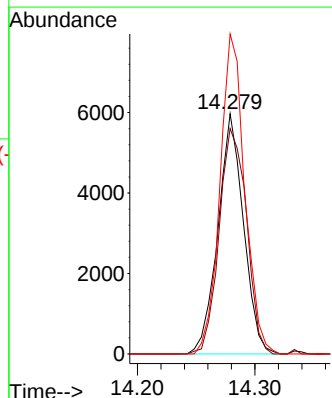
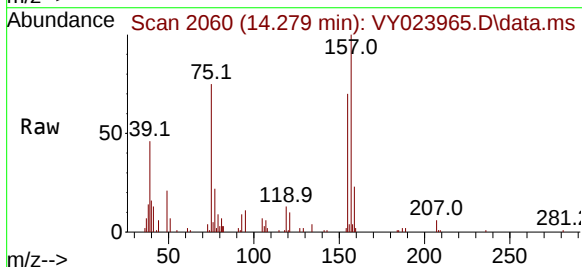
Tgt Ion: 75 Resp: 9012

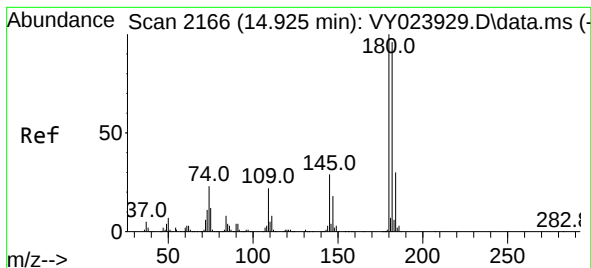
Ion Ratio Lower Upper

75 100

155 100.4 50.2 150.7

157 128.8 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 19.364 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

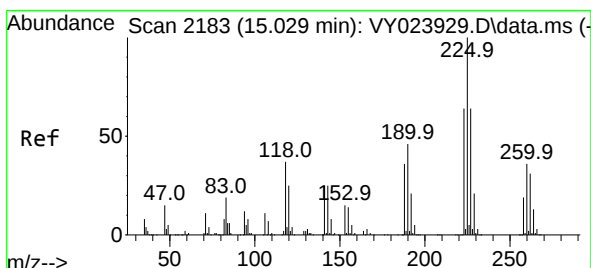
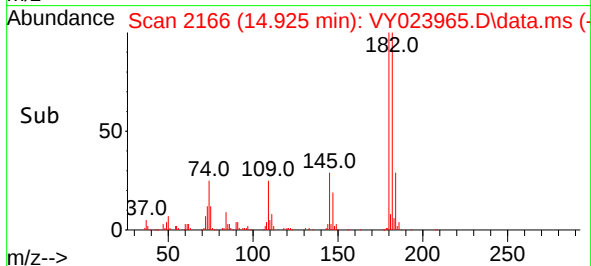
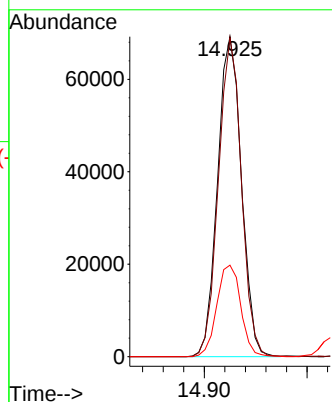
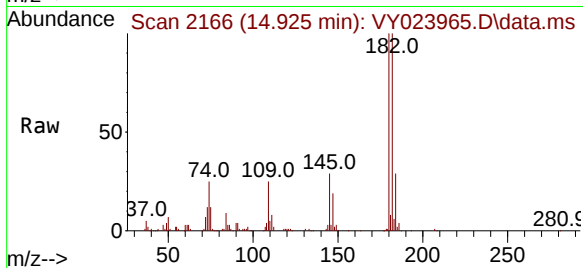
Tgt Ion:180 Resp: 111403

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 28.8 14.8 44.4



#94

Hexachlorobutadiene

Concen: 21.516 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

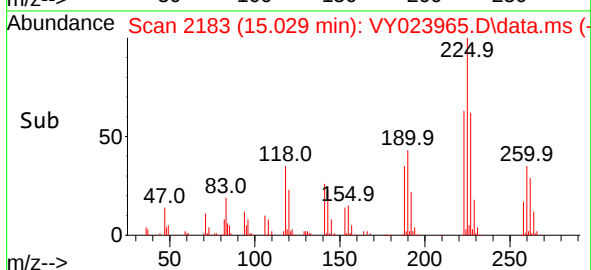
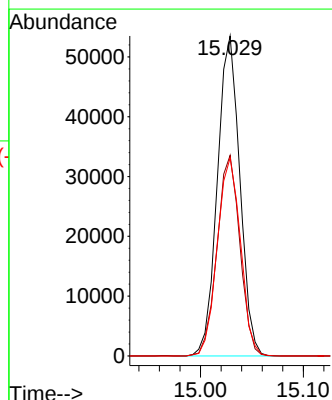
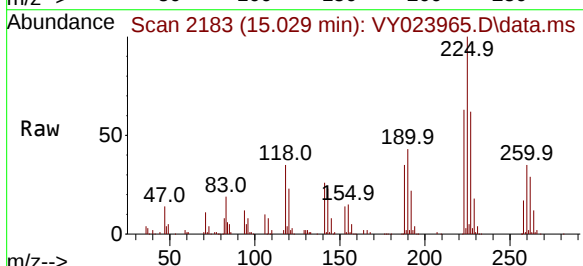
Tgt Ion:225 Resp: 81137

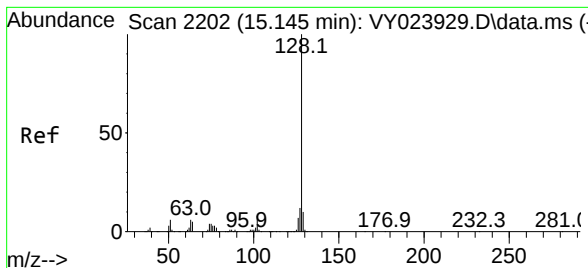
Ion Ratio Lower Upper

225 100

223 63.6 31.6 95.0

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 16.426 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBS01

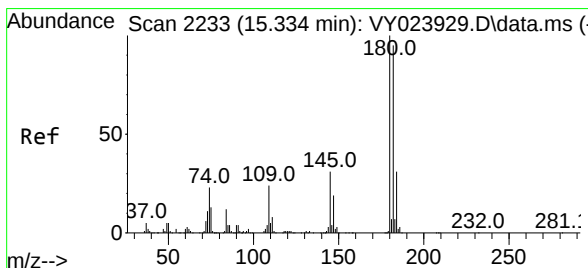
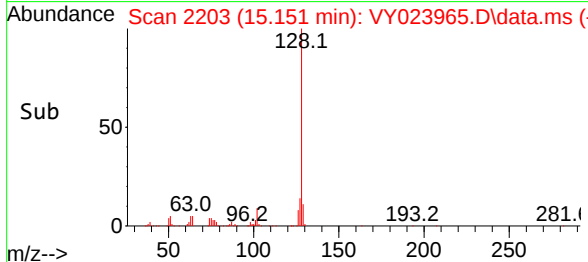
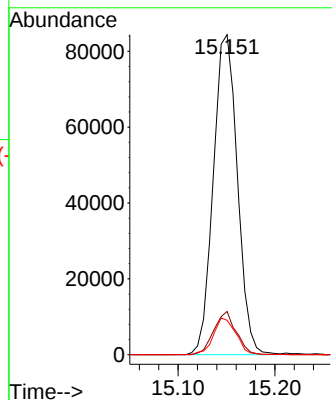
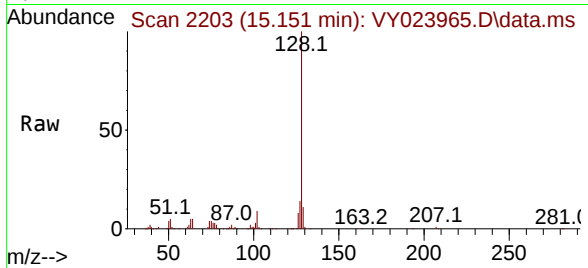
Tgt Ion:128 Resp: 146123

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.628 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY023965.D

Acq: 15 Dec 2025 10:39

Tgt Ion:180 Resp: 91196

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.4

145 30.2 15.6 46.8

