

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023545.D
 Acq On : 22 Oct 2025 10:28
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 24 02:26:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	546555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	794303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	700136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	365280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208863	45.699	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.400%
35) Dibromofluoromethane	7.634	113	240525	49.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.109	98	904633	49.771	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.408	95	295724	49.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78862	20.046	ug/l	99
3) Chloromethane	2.074	50	96728	18.049	ug/l	97
4) Vinyl Chloride	2.208	62	130661	18.718	ug/l	99
5) Bromomethane	2.592	94	117294	20.024	ug/l	99
6) Chloroethane	2.739	64	94090	19.775	ug/l	99
7) Trichlorofluoromethane	3.056	101	195620	20.184	ug/l	99
8) Diethyl Ether	3.458	74	51088	20.172	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	107027	21.280	ug/l	98
10) Methyl Iodide	4.007	142	117165	20.926	ug/l	97
11) Tert butyl alcohol	4.860	59	28049	82.495	ug/l	98
12) 1,1-Dichloroethene	3.793	96	100716	20.658	ug/l	96
13) Acrolein	3.653	56	23166	48.218	ug/l	91
14) Allyl chloride	4.391	41	110064	18.524	ug/l	96
15) Acrylonitrile	5.061	53	90176	93.042	ug/l	99
16) Acetone	3.873	43	137184	126.081	ug/l	98
17) Carbon Disulfide	4.110	76	268938	19.273	ug/l	98
18) Methyl Acetate	4.391	43	49297	17.272	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	231882	19.789	ug/l	97
20) Methylene Chloride	4.622	84	108140	18.380	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	109389	20.379	ug/l	97
22) Diisopropyl ether	6.019	45	262379	19.963	ug/l	96
23) Vinyl Acetate	5.964	43	681501	95.797	ug/l	96
24) 1,1-Dichloroethane	5.915	63	178683	20.524	ug/l	100
25) 2-Butanone	6.896	43	142981	107.638	ug/l	95
26) 2,2-Dichloropropane	6.884	77	167931	21.021	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	131514	21.211	ug/l	94
28) Bromochloromethane	7.250	49	62608	19.264	ug/l	94
29) Tetrahydrofuran	7.262	42	65038	86.341	ug/l	93
30) Chloroform	7.421	83	202767	21.198	ug/l	98
31) Cyclohexane	7.707	56	146973	19.331	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	185487	21.339	ug/l	98
36) 1,1-Dichloropropene	7.835	75	134867	20.873	ug/l	98
37) Ethyl Acetate	6.988	43	47665	18.620	ug/l #	96
38) Carbon Tetrachloride	7.823	117	167506	21.380	ug/l	99
39) Methylcyclohexane	9.109	83	174367	20.726	ug/l	98
40) Benzene	8.085	78	432933	21.157	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23647	17.080	ug/l	# 67
42) 1,2-Dichloroethane	8.158	62	104422	19.787	ug/l	99
43) Isopropyl Acetate	8.201	43	93851	18.386	ug/l	96
44) Trichloroethene	8.866	130	131401	21.940	ug/l	99
45) 1,2-Dichloropropane	9.146	63	94941	21.006	ug/l	99
46) Dibromomethane	9.231	93	59570	20.843	ug/l	98
47) Bromodichloromethane	9.426	83	152859	21.237	ug/l	99
48) Methyl methacrylate	9.225	41	43753	18.246	ug/l	92
49) 1,4-Dioxane	9.225	88	12196	368.059	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	253262	96.032	ug/l	99
52) Toluene	10.170	92	292104	21.986	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	131626	21.031	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	154563	20.924	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	82907	21.572	ug/l	97
56) Ethyl methacrylate	10.438	69	87648	19.771	ug/l	93
57) 1,3-Dichloropropane	10.719	76	126727	20.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	191490	96.421	ug/l	98
59) 2-Hexanone	10.762	43	201768	107.056	ug/l	97
60) Dibromochloromethane	10.908	129	115294	21.397	ug/l	99
61) 1,2-Dibromoethane	11.018	107	77772	21.218	ug/l	99
64) Tetrachloroethene	10.646	164	165184	22.850	ug/l	99
65) Chlorobenzene	11.444	112	325435	21.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	116407	21.452	ug/l	100
67) Ethyl Benzene	11.518	91	522038	21.179	ug/l	99
68) m/p-Xylenes	11.627	106	428308	43.322	ug/l	99
69) o-Xylene	11.956	106	200731	21.646	ug/l	97
70) Styrene	11.969	104	325186	21.324	ug/l	100
71) Bromoform	12.133	173	69048	20.514	ug/l	# 99
73) Isopropylbenzene	12.255	105	521665	21.671	ug/l	100
74) N-amyl acetate	12.072	43	76665	17.731	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	75537	19.185	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	106719	33.114	ug/l	# 100
77) Bromobenzene	12.530	156	136360	21.307	ug/l	97
78) n-propylbenzene	12.597	91	603121	21.651	ug/l	99
79) 2-Chlorotoluene	12.676	91	348031	21.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	426677	21.935	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	26519	20.178	ug/l	97
82) 4-Chlorotoluene	12.773	91	358213	21.322	ug/l	100
83) tert-Butylbenzene	12.999	119	393129	21.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	420267	21.648	ug/l	99
85) sec-Butylbenzene	13.176	105	561763	21.804	ug/l	99
86) p-Isopropyltoluene	13.292	119	485141	22.116	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	265067	21.270	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	260280	21.147	ug/l	99
89) n-Butylbenzene	13.615	91	407439	21.317	ug/l	99
90) Hexachloroethane	13.877	117	100017	21.199	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	232327	21.264	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12117	18.756	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	138915	20.394	ug/l	100
94) Hexachlorobutadiene	15.023	225	88730	20.897	ug/l	97
95) Naphthalene	15.145	128	204152	18.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	116532	19.751	ug/l	100

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

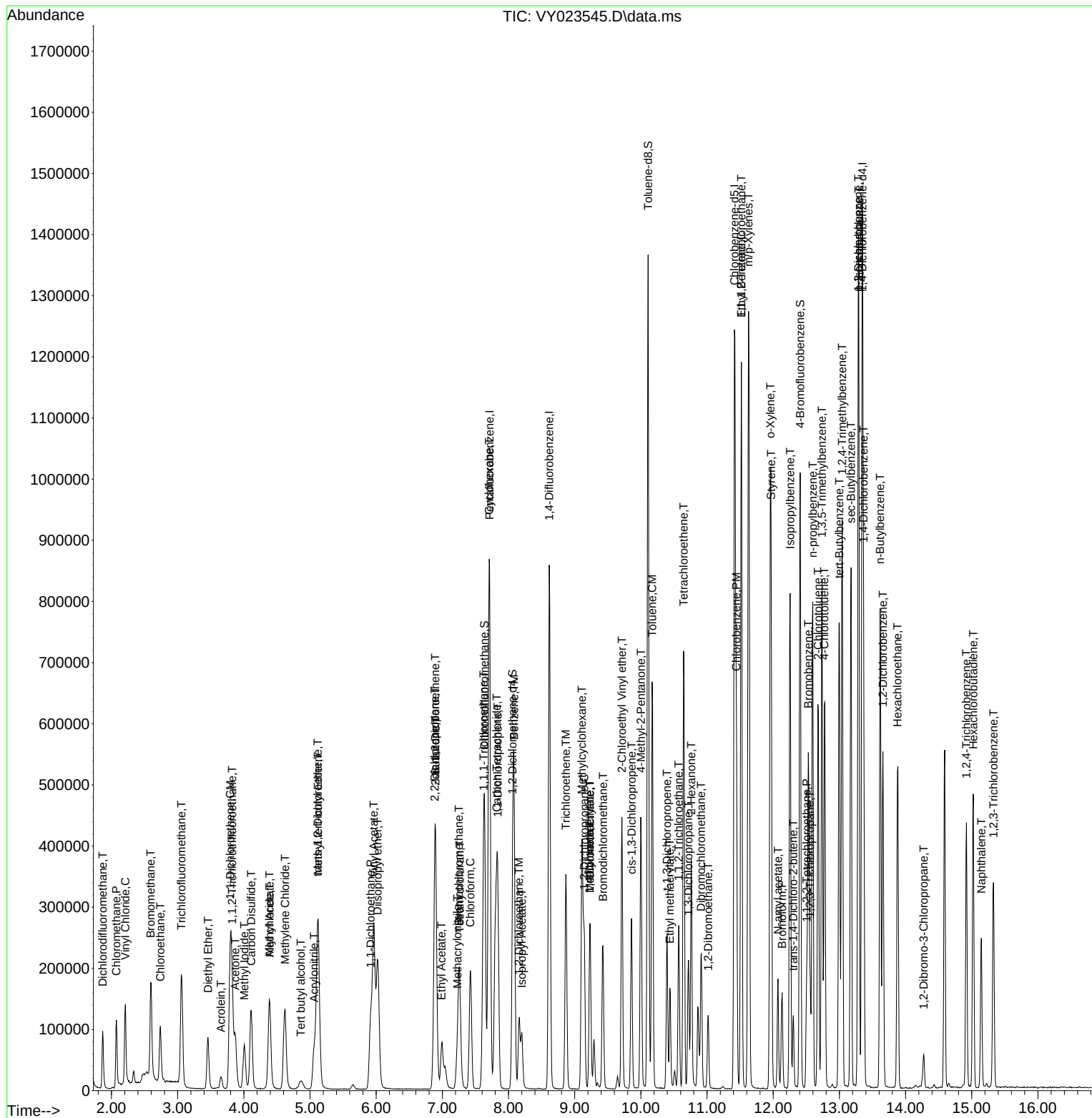
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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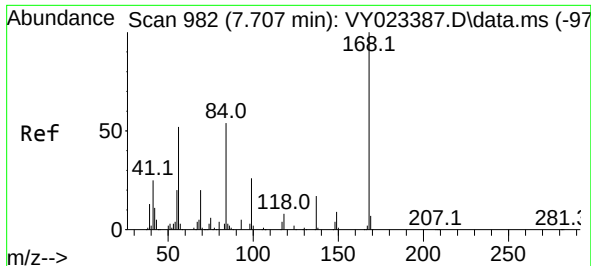
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023545.D
 Acq On : 22 Oct 2025 10:28
 Operator : SY/MD
 Sample : VY10222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY10222SBS01

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 Quant Title : SW846 8260
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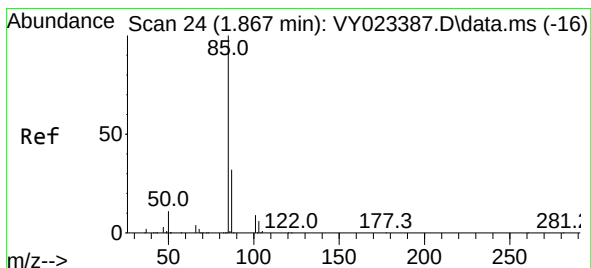
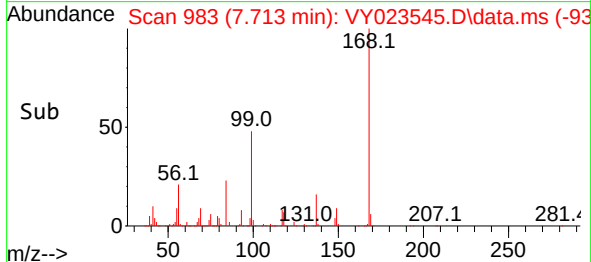
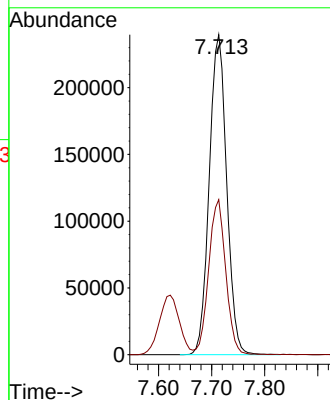
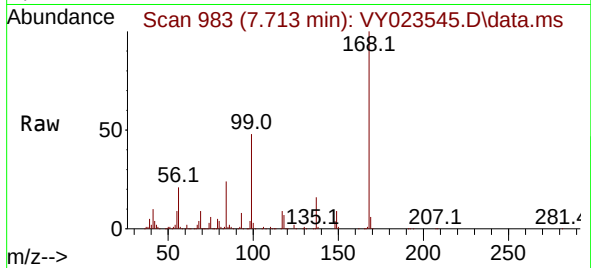




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023545.D
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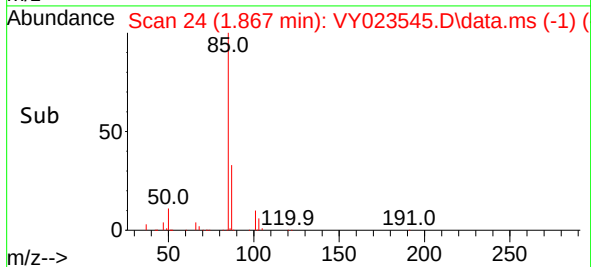
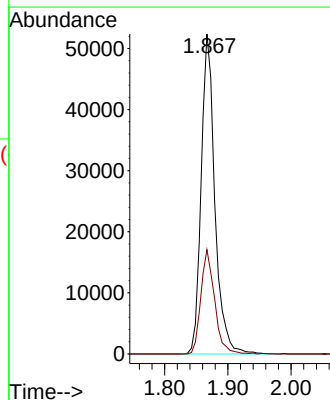
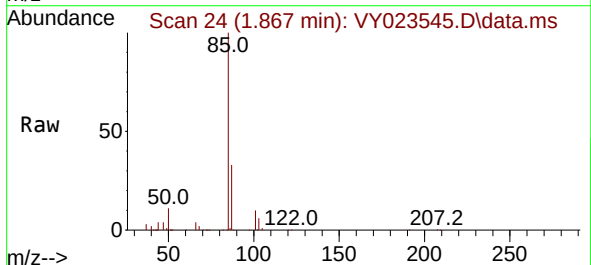
Instrument :
MSVOA_Y
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VY1022SBS01

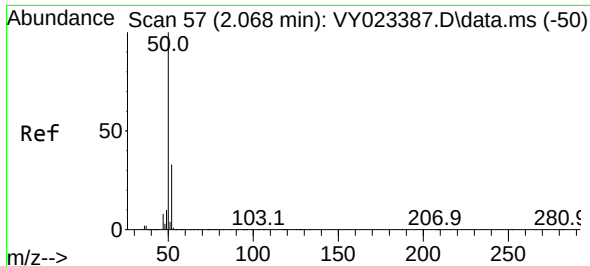
Tgt Ion:168 Resp: 546555
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.046 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 85 Resp: 78862
Ion Ratio Lower Upper
85 100
87 32.6 16.0 47.9

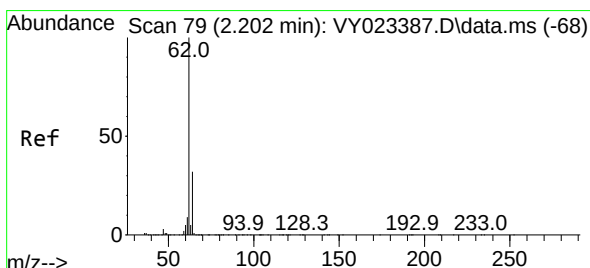
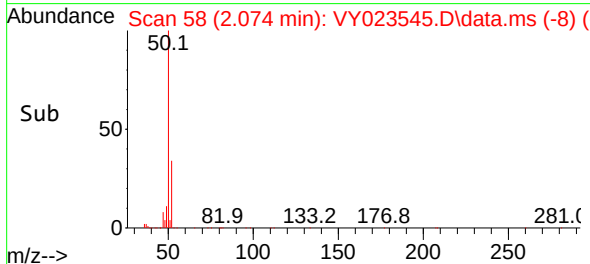
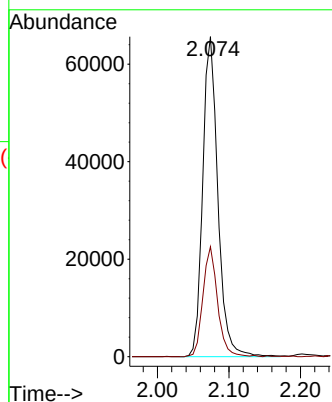
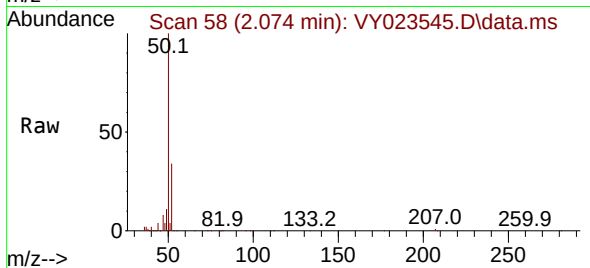




#3
Chloromethane
Concen: 18.049 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

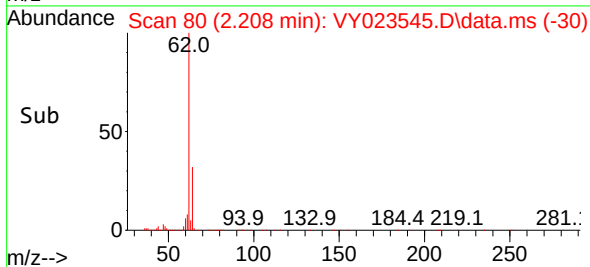
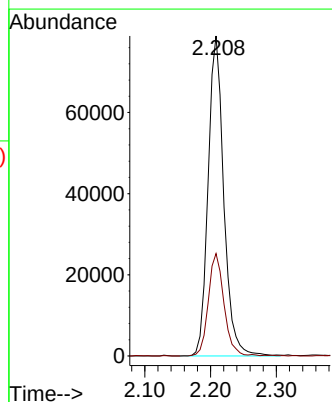
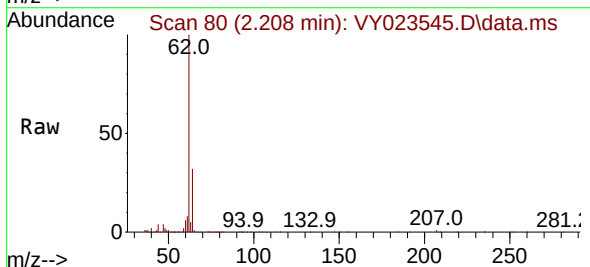
Instrument :
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ClientSampleId :
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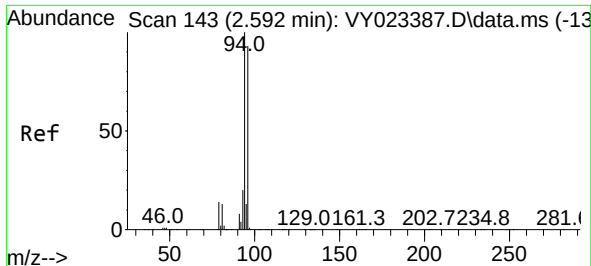
Tgt Ion: 50 Resp: 96728
Ion Ratio Lower Upper
50 100
52 34.4 26.2 39.2



#4
Vinyl Chloride
Concen: 18.718 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 62 Resp: 130661
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8

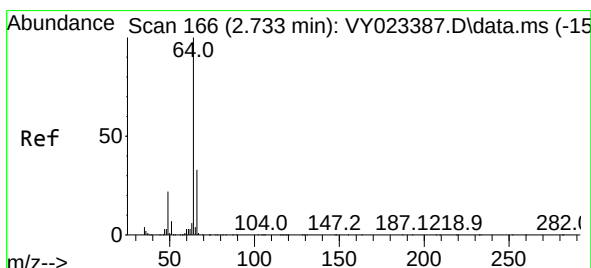
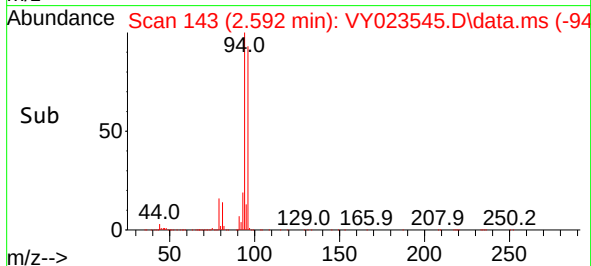
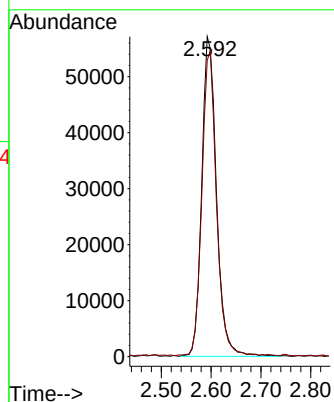
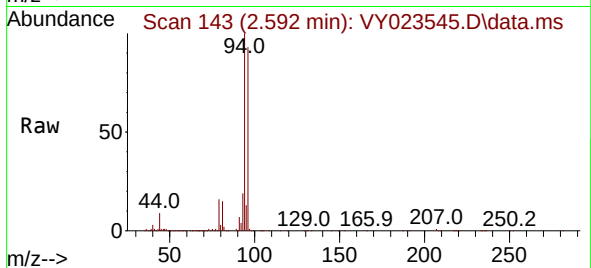




#5
Bromomethane
Concen: 20.024 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

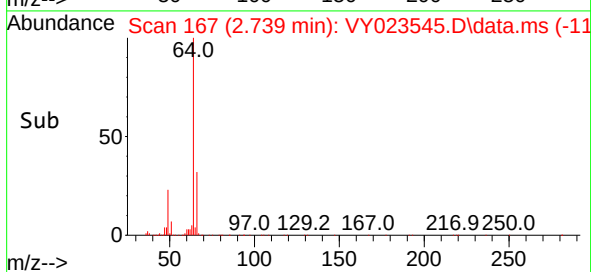
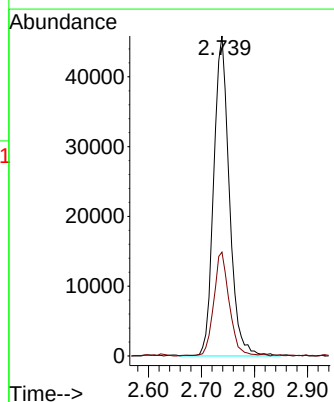
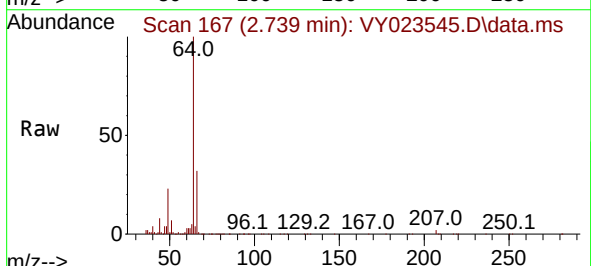
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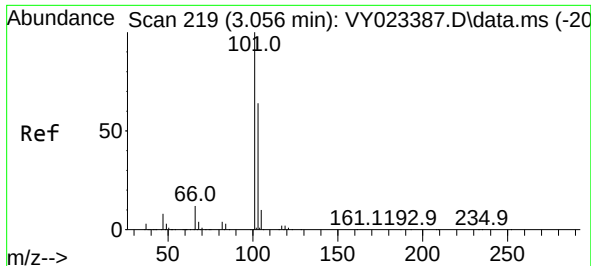
Tgt Ion: 94 Resp: 117294
Ion Ratio Lower Upper
94 100
96 92.4 74.5 111.7



#6
Chloroethane
Concen: 19.775 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 64 Resp: 94090
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

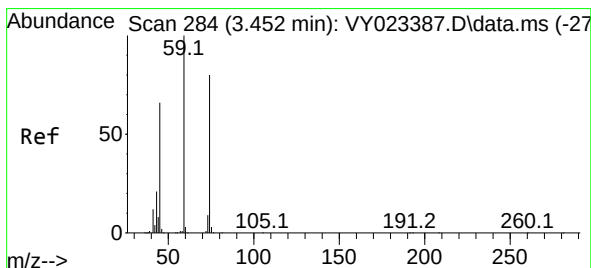
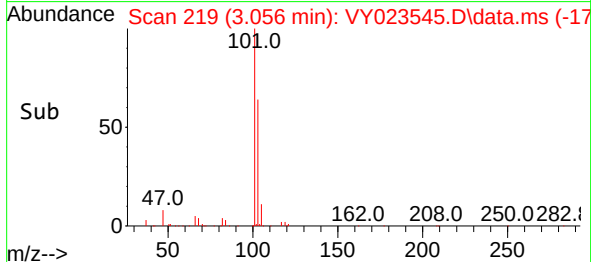
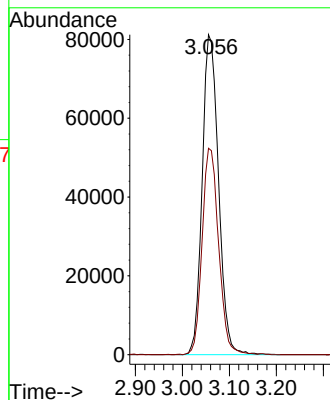
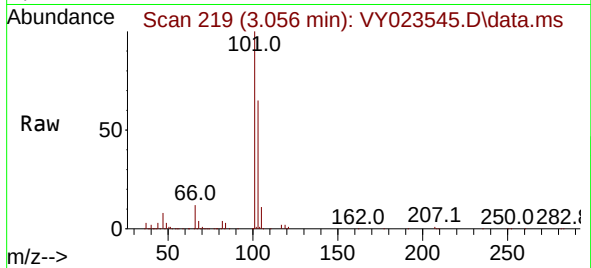




#7
Trichlorofluoromethane
Concen: 20.184 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

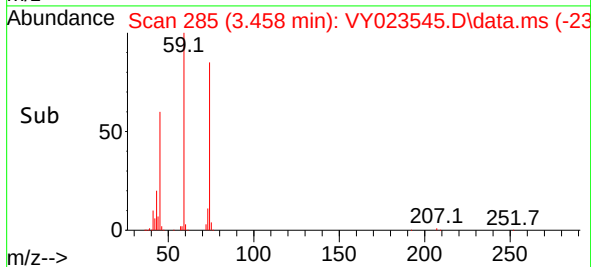
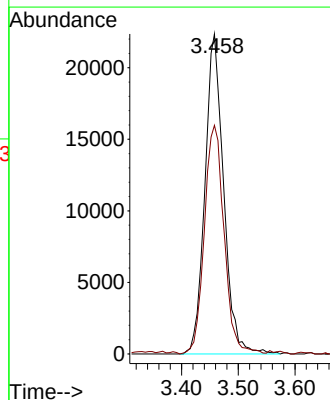
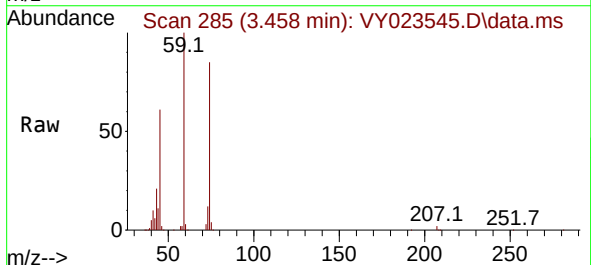
Instrument :
MSVOA_Y
ClientSampleId :
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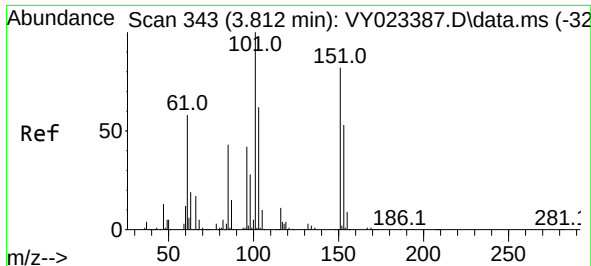
Tgt Ion:101 Resp: 195620
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9



#8
Diethyl Ether
Concen: 20.172 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 74 Resp: 51088
Ion Ratio Lower Upper
74 100
45 75.5 39.9 119.7

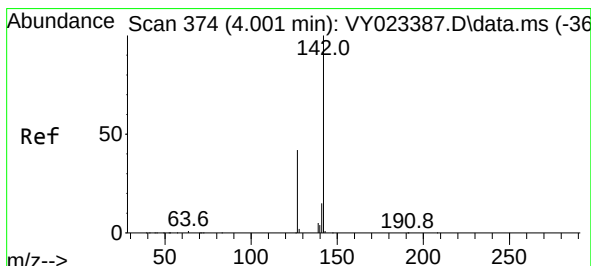
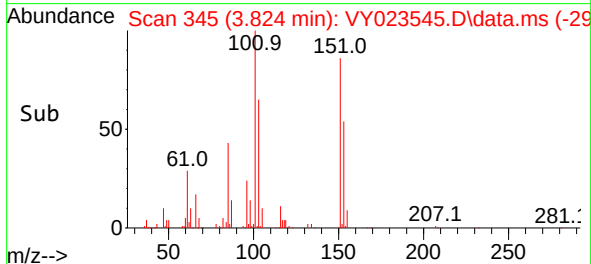
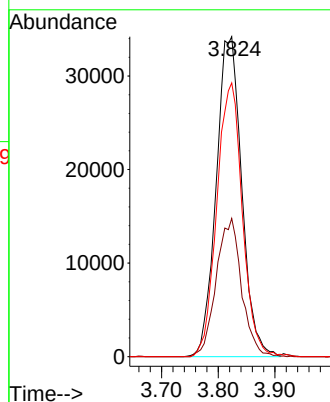
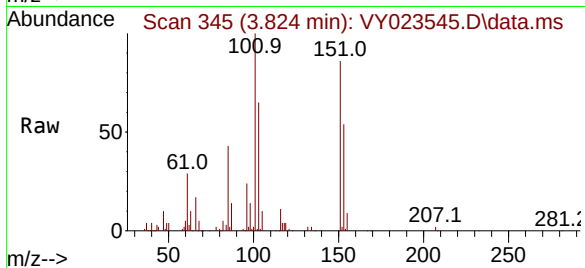




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.280 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

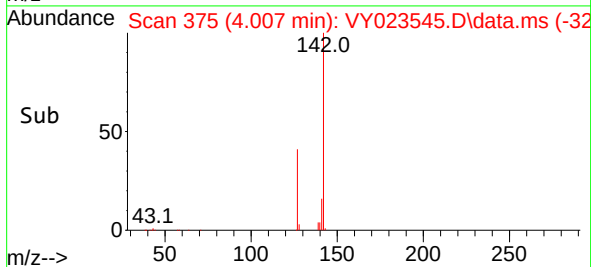
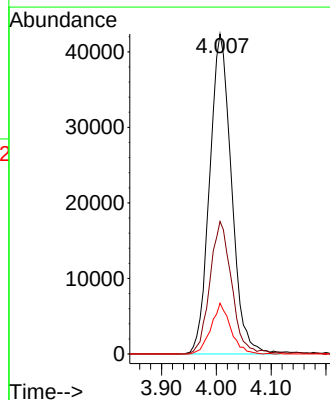
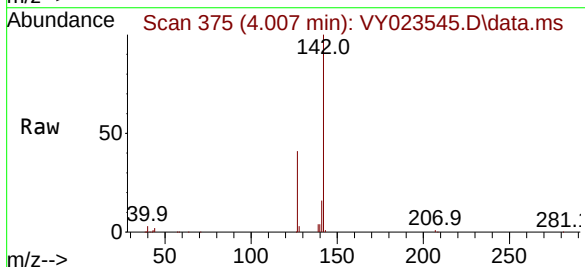
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

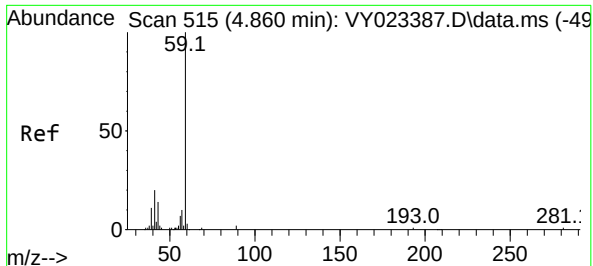
Tgt Ion:101 Resp: 107027
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 85.6 67.0 100.6



#10
Methyl Iodide
Concen: 20.926 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:142 Resp: 117165
Ion Ratio Lower Upper
142 100
127 41.3 34.8 52.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.495 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

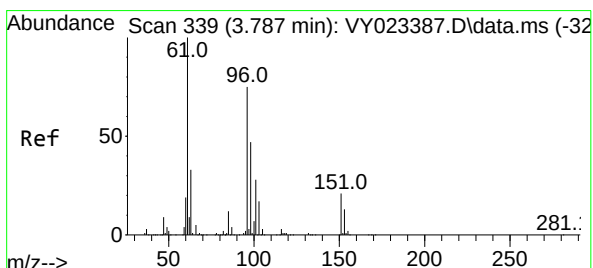
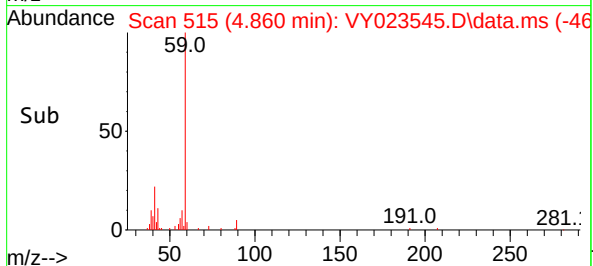
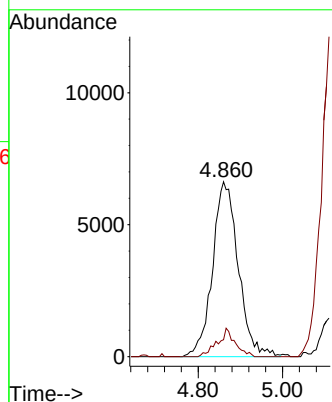
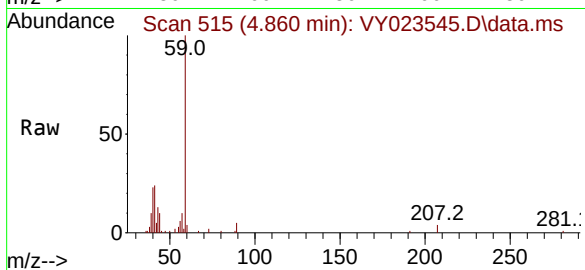
VY1022SBS01

Tgt Ion: 59 Resp: 28049

Ion Ratio Lower Upper

59 100

57 11.0 8.3 12.5



#12

1,1-Dichloroethene

Concen: 20.658 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

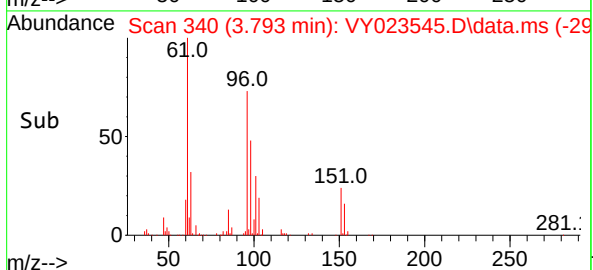
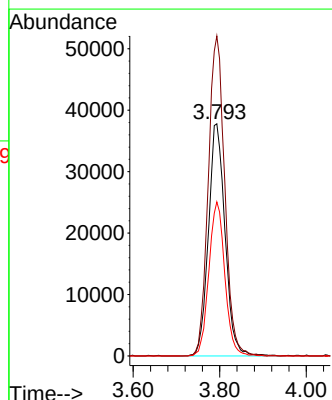
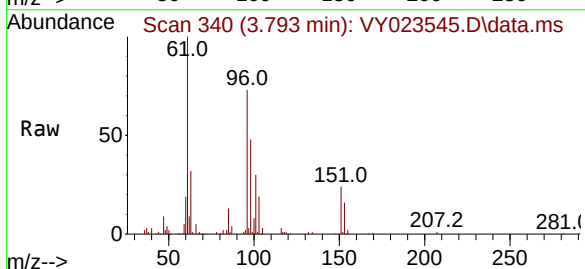
Tgt Ion: 96 Resp: 100716

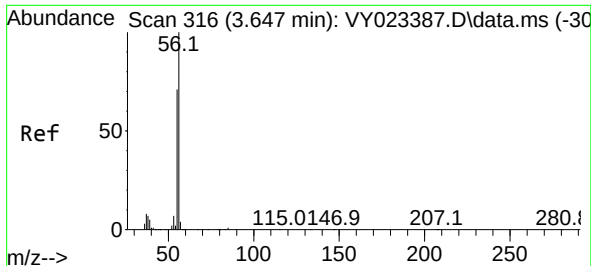
Ion Ratio Lower Upper

96 100

61 137.8 106.7 160.1

98 66.4 50.2 75.4

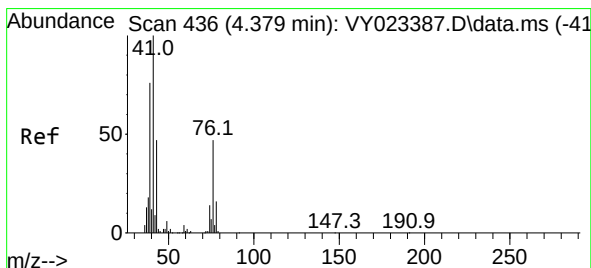
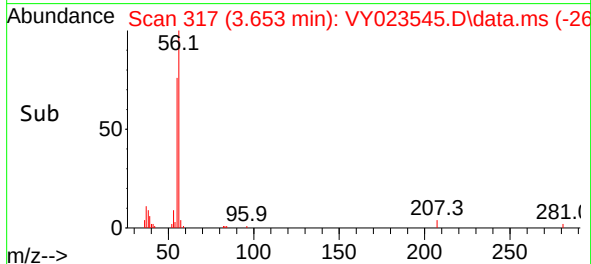
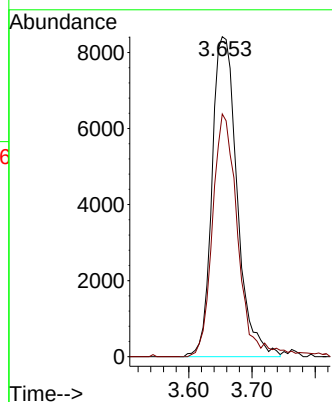
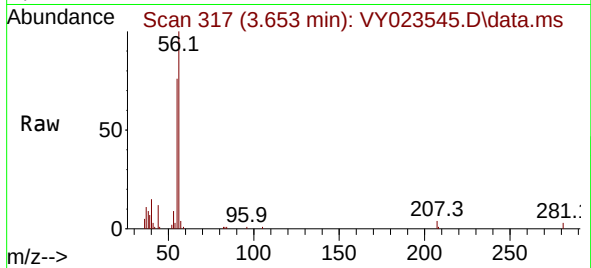




#13
Acrolein
Concen: 48.218 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

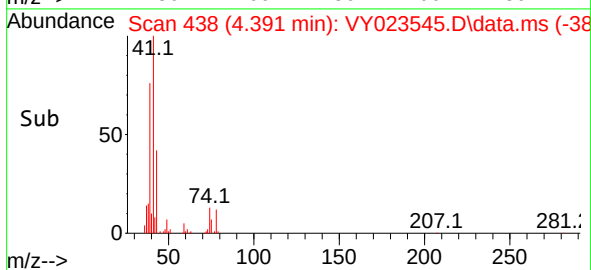
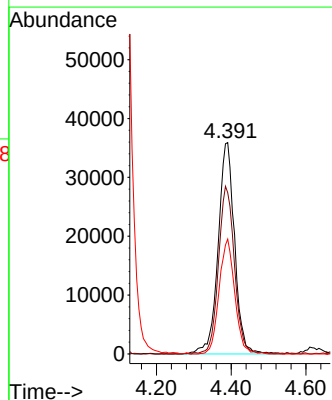
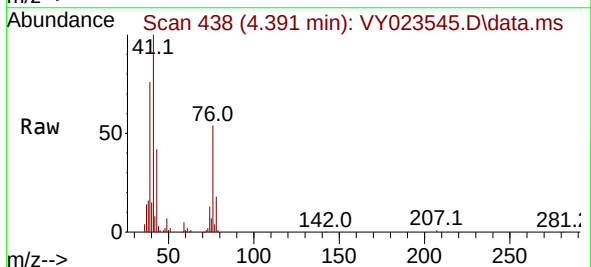
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

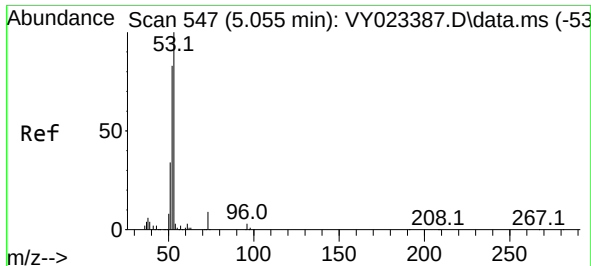
Tgt Ion: 56 Resp: 23166
Ion Ratio Lower Upper
56 100
55 77.1 56.1 84.1



#14
Allyl chloride
Concen: 18.524 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 41 Resp: 110064
Ion Ratio Lower Upper
41 100
39 77.2 59.9 89.9
76 51.6 38.0 57.0

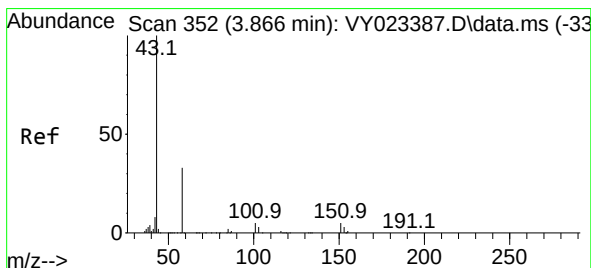
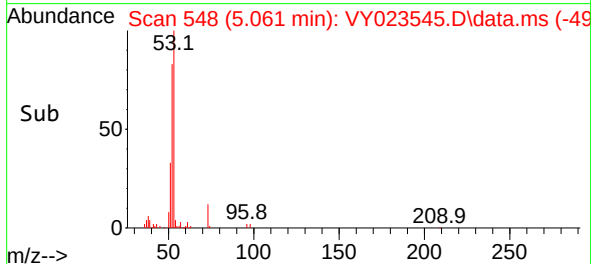
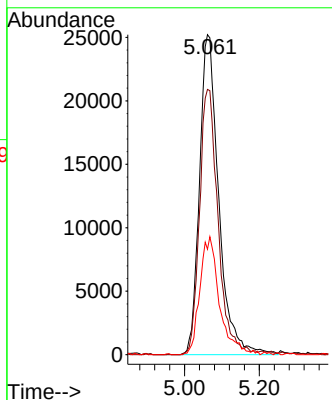
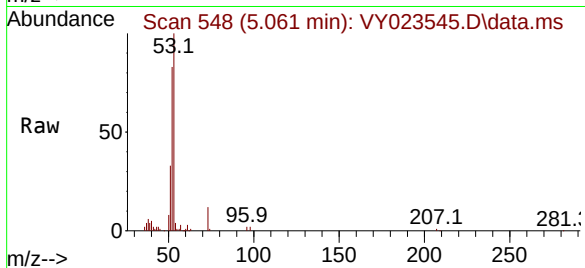




#15
Acrylonitrile
Concen: 93.042 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

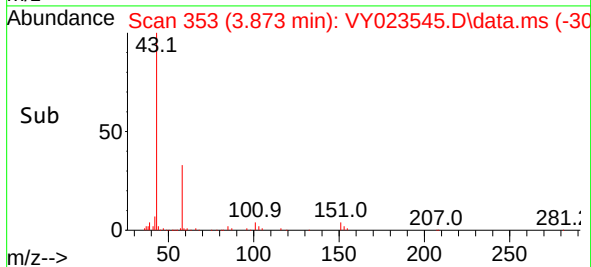
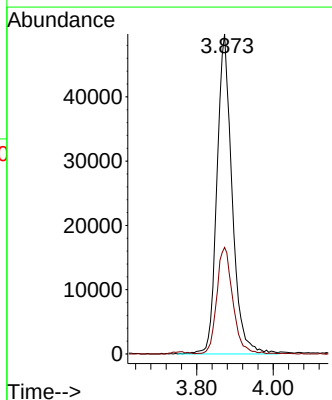
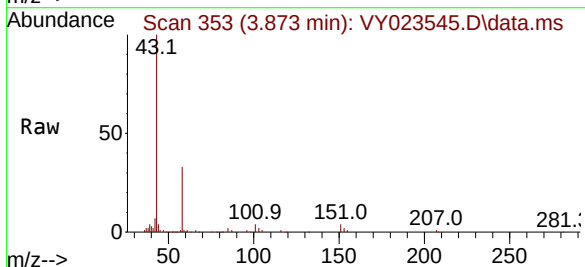
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

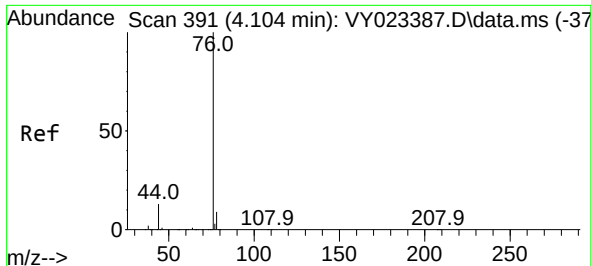
Tgt Ion: 53 Resp: 90176
Ion Ratio Lower Upper
53 100
52 79.9 64.6 97.0
51 37.2 29.5 44.3



#16
Acetone
Concen: 126.081 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 43 Resp: 137184
Ion Ratio Lower Upper
43 100
58 33.2 27.7 41.5

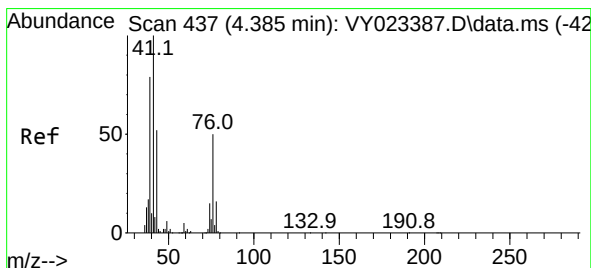
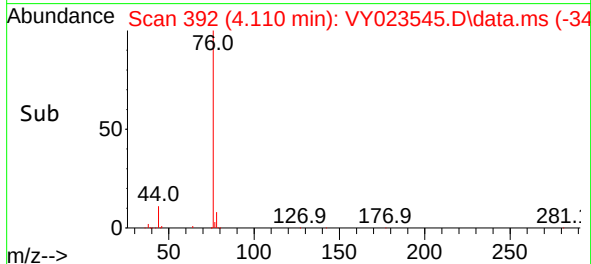
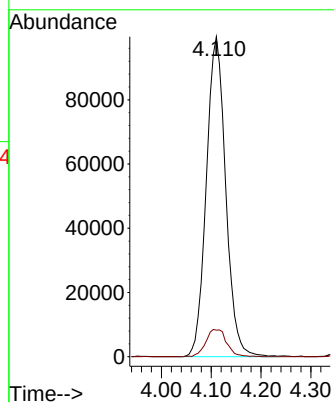
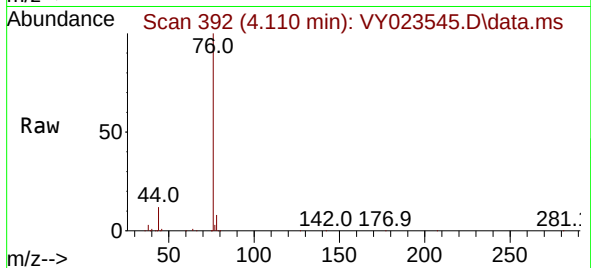




#17
Carbon Disulfide
Concen: 19.273 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

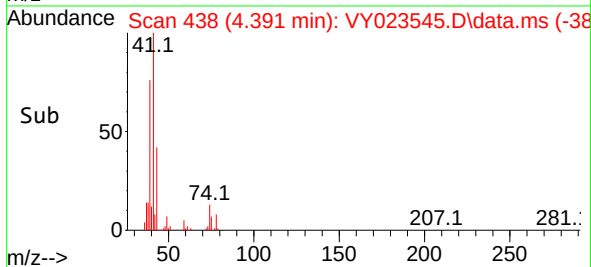
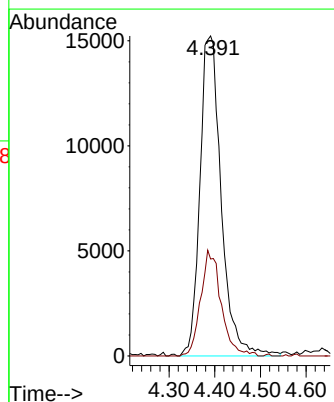
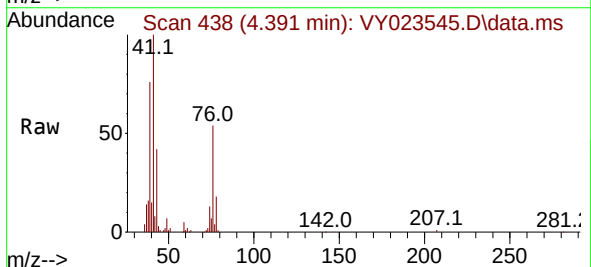
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

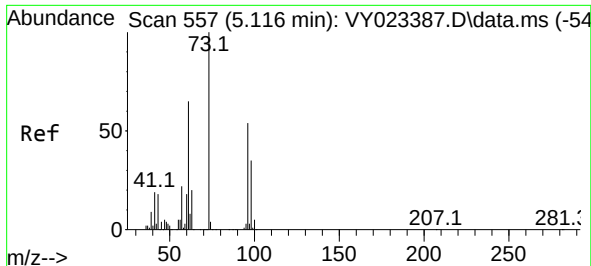
Tgt Ion: 76 Resp: 268938
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 17.272 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 43 Resp: 49297
Ion Ratio Lower Upper
43 100
74 31.6 24.2 36.4

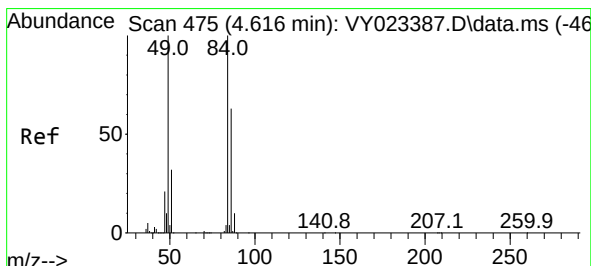
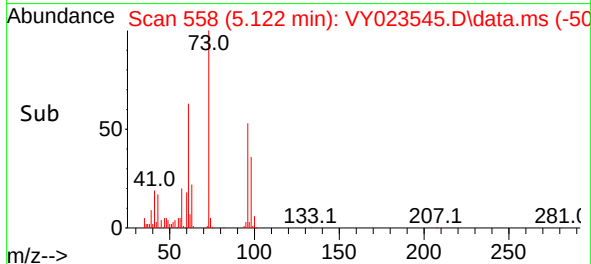
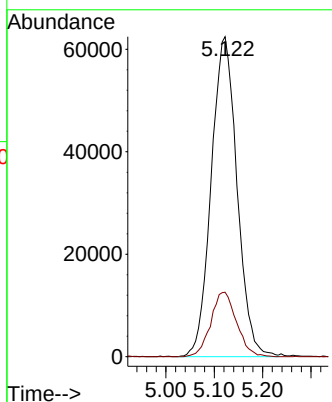
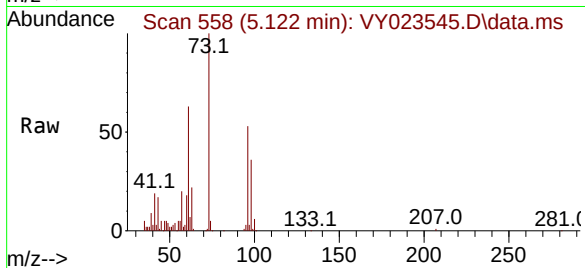




#19
Methyl tert-butyl Ether
Concen: 19.789 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

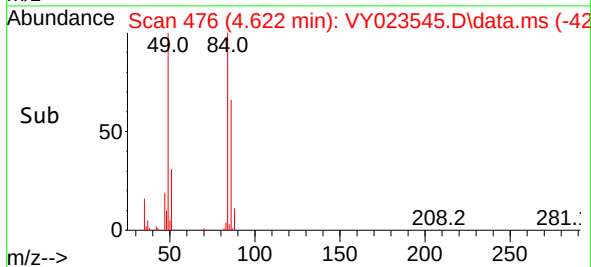
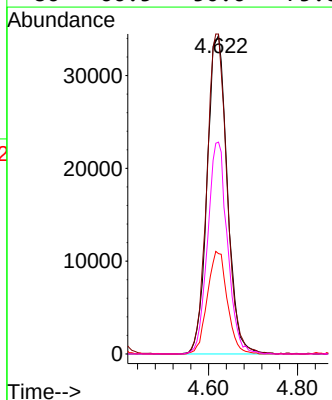
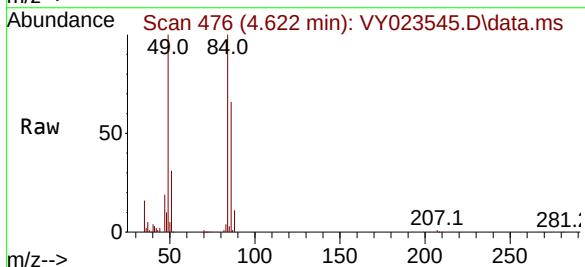
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

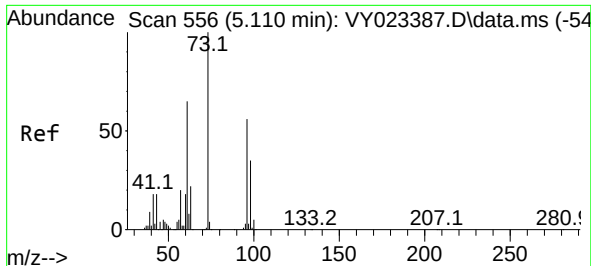
Tgt Ion: 73 Resp: 231882
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0



#20
Methylene Chloride
Concen: 18.380 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 84 Resp: 108140
Ion Ratio Lower Upper
84 100
49 100.4 80.2 120.4
51 31.5 25.9 38.9
86 66.5 50.6 75.8

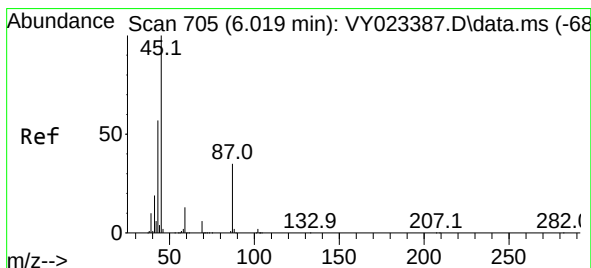
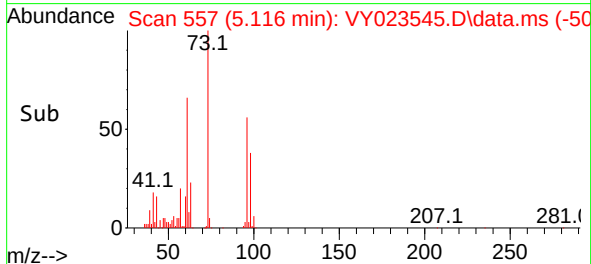
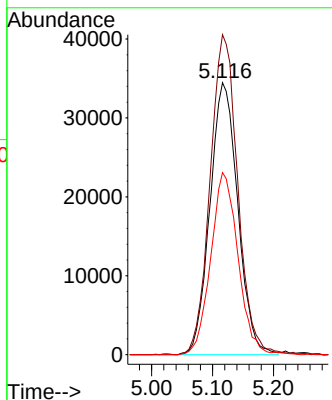
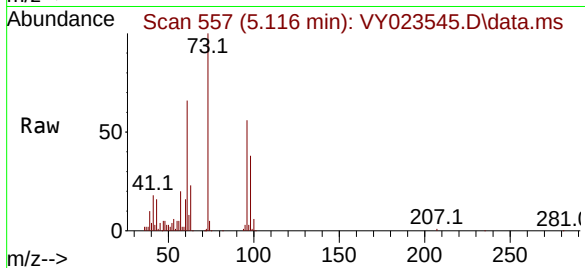




#21
trans-1,2-Dichloroethene
Concen: 20.379 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

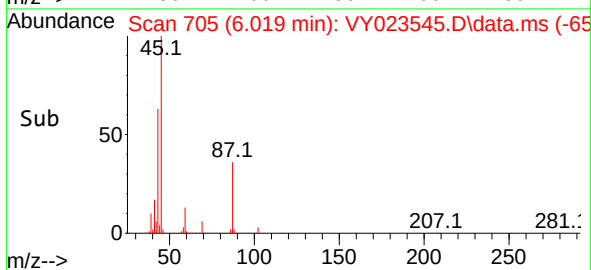
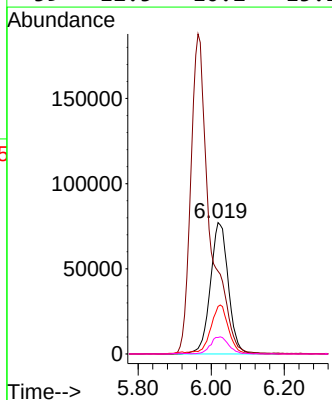
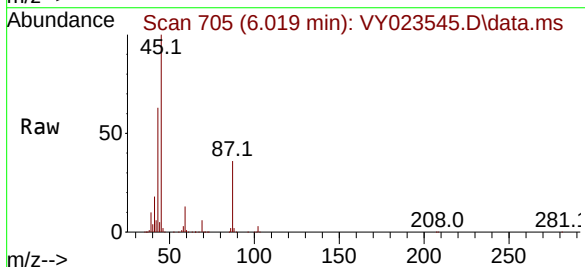
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

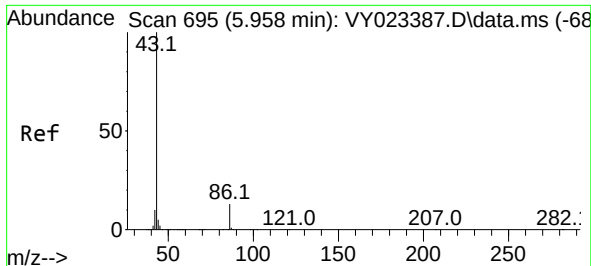
Tgt Ion: 96 Resp: 109389
Ion Ratio Lower Upper
96 100
61 117.6 92.7 139.1
98 66.9 49.7 74.5



#22
Diisopropyl ether
Concen: 19.963 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 45 Resp: 262379
Ion Ratio Lower Upper
45 100
43 62.2 45.6 68.4
87 36.1 28.1 42.1
59 12.5 10.2 15.2

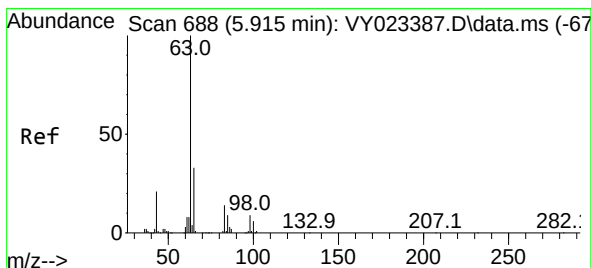
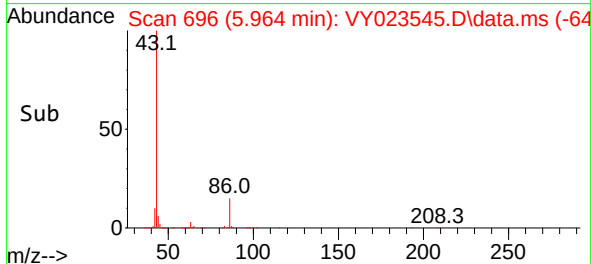
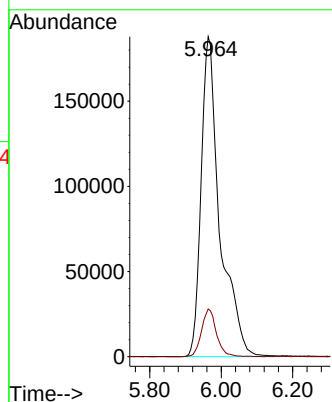
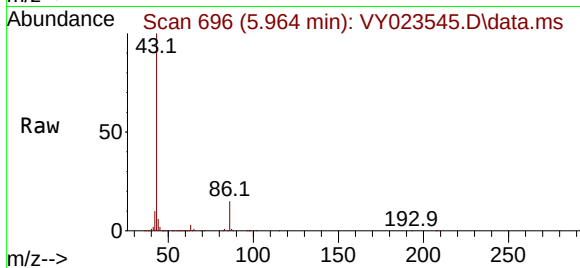




#23
 Vinyl Acetate
 Concen: 95.797 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

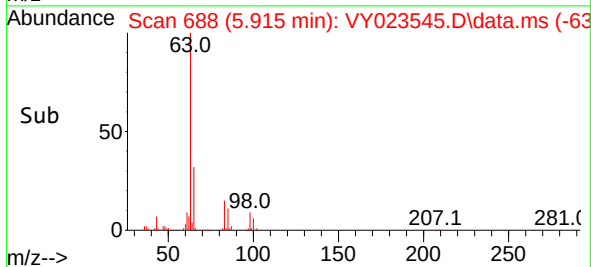
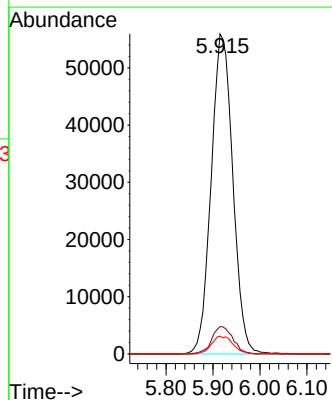
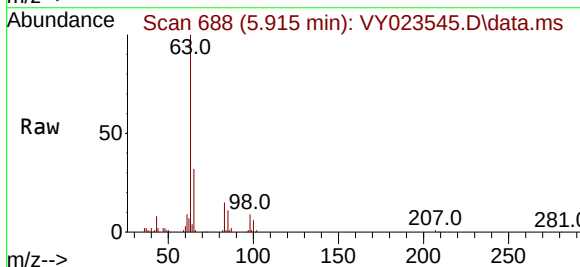
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

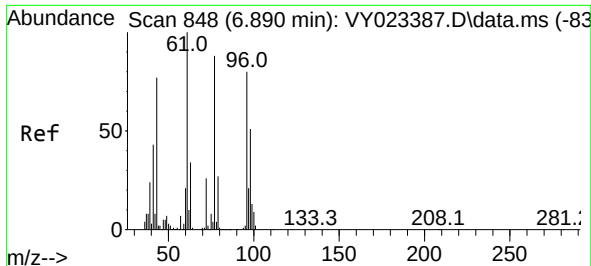
Tgt Ion: 43 Resp: 681501
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.524 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion: 63 Resp: 178683
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 13.1
 100 5.5 2.8 8.4





#25

2-Butanone

Concen: 107.638 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

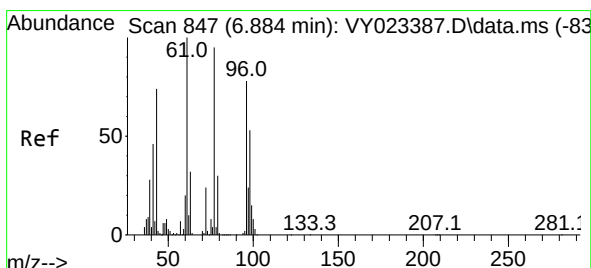
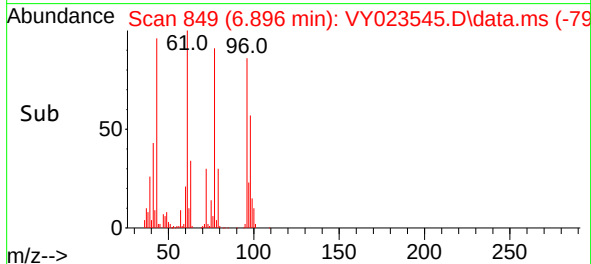
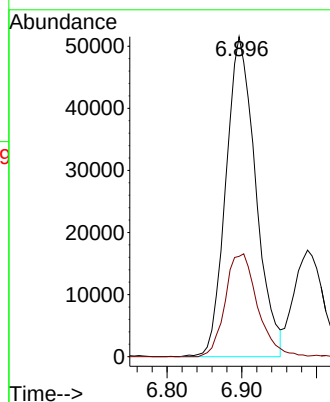
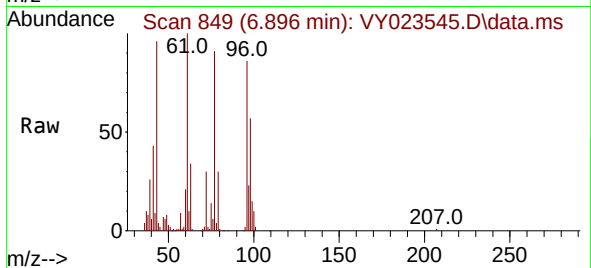
VY1022SBS01

Tgt Ion: 43 Resp: 142981

Ion Ratio Lower Upper

43 100

72 31.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.021 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023545.D

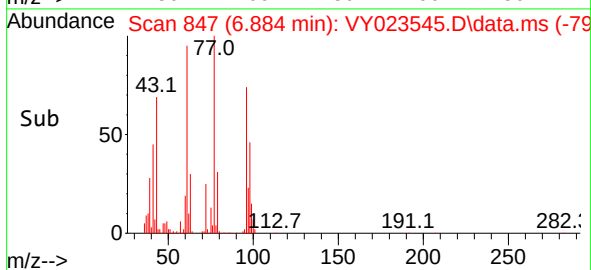
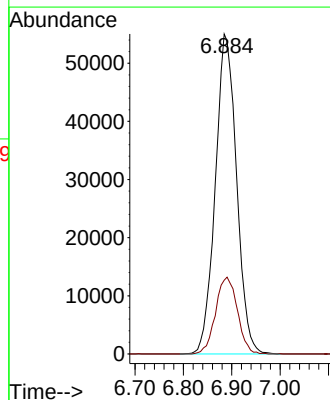
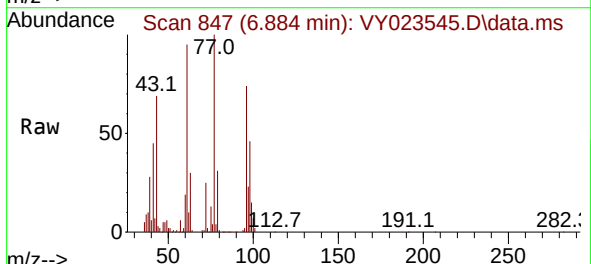
Acq: 22 Oct 2025 10:28

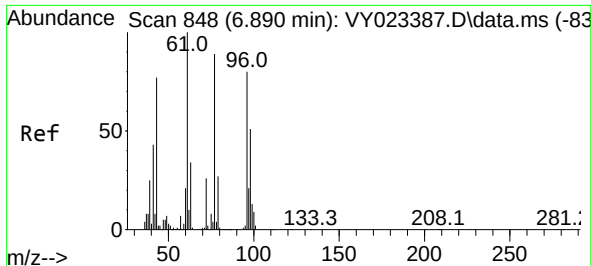
Tgt Ion: 77 Resp: 167931

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3

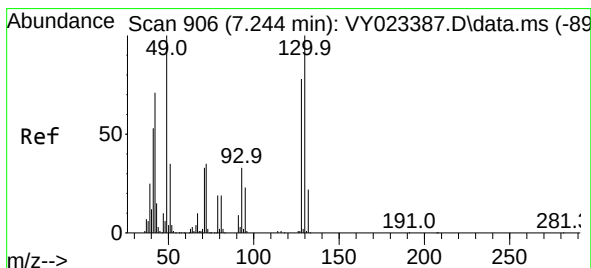
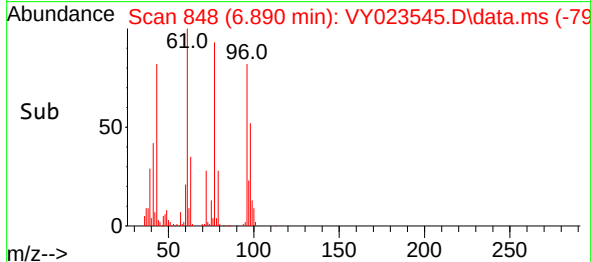
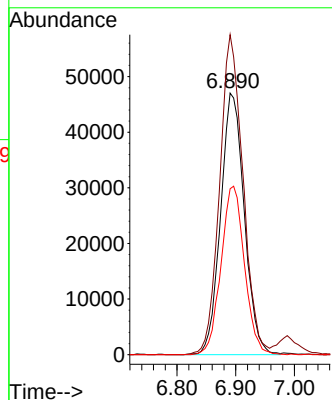
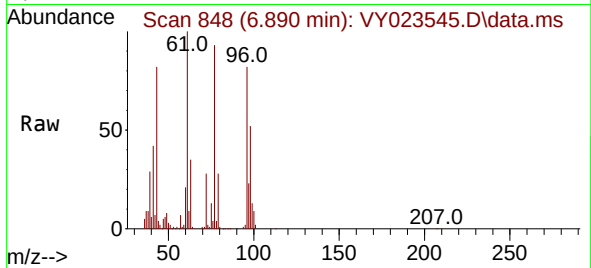




#27
 cis-1,2-Dichloroethene
 Concen: 21.211 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

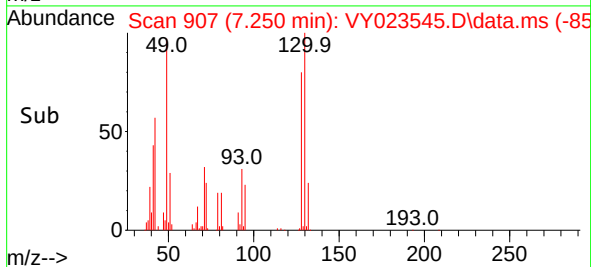
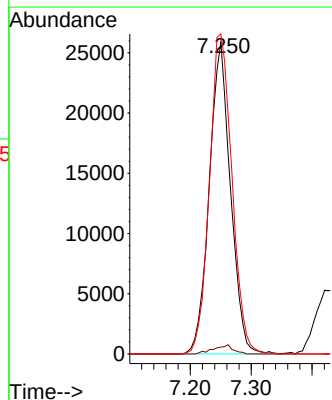
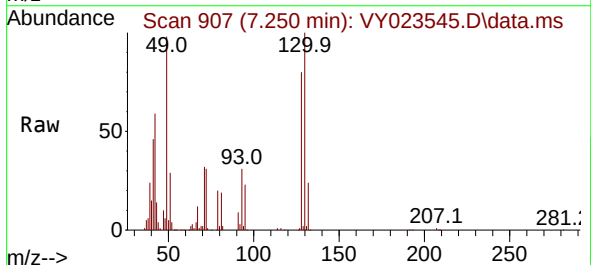
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

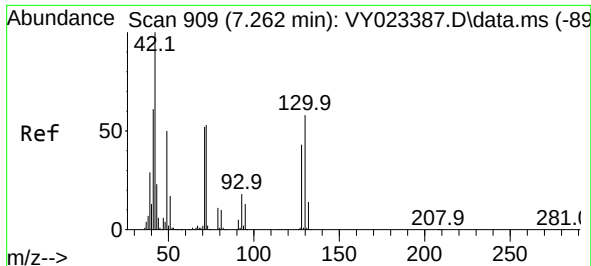
Tgt Ion: 96 Resp: 131514
 Ion Ratio Lower Upper
 96 100
 61 120.8 0.0 258.2
 98 63.9 0.0 132.0



#28
 Bromochloromethane
 Concen: 19.264 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion: 49 Resp: 62608
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 108.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 86.341 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

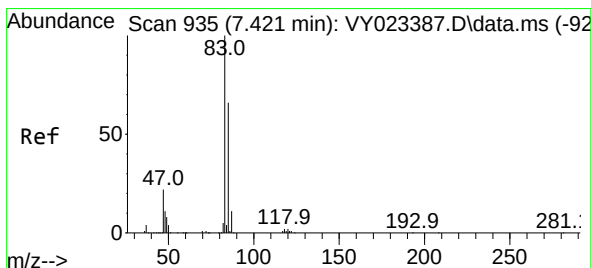
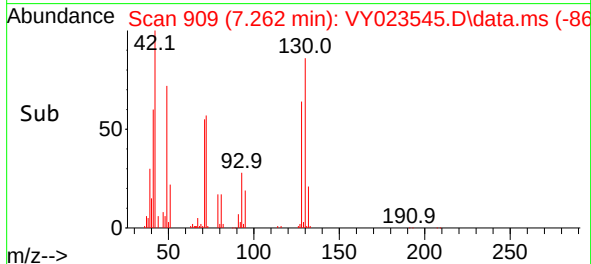
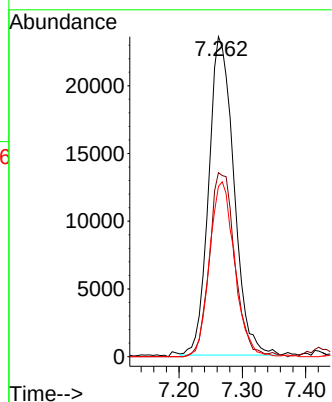
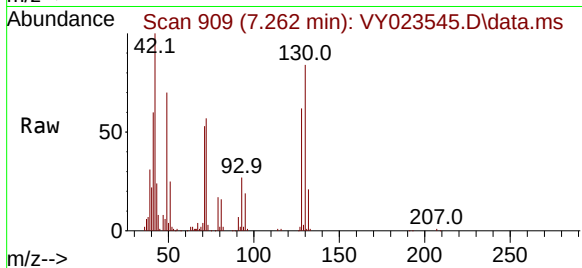
Tgt Ion: 42 Resp: 65038

Ion Ratio Lower Upper

42 100

72 58.5 43.0 64.6

71 54.7 40.1 60.1



#30

Chloroform

Concen: 21.198 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023545.D

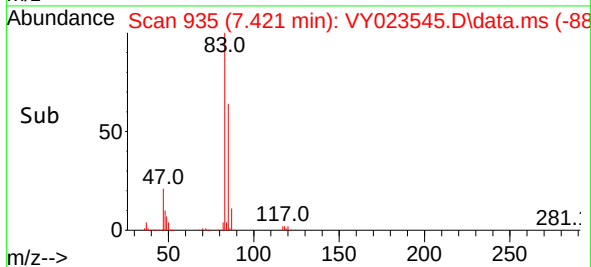
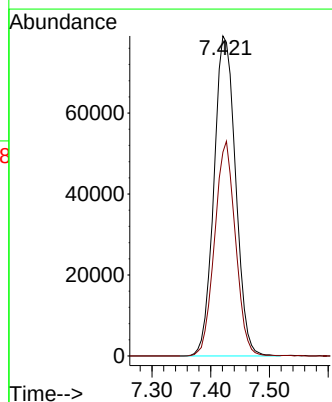
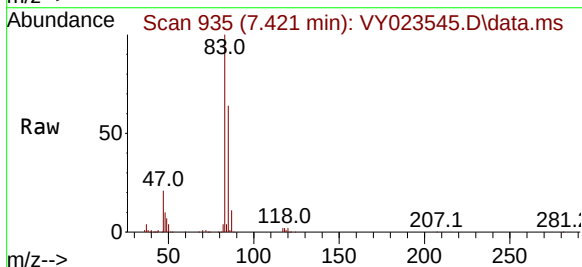
Acq: 22 Oct 2025 10:28

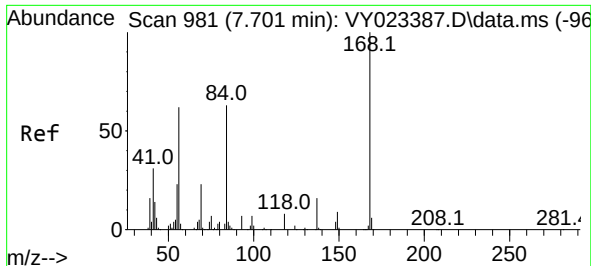
Tgt Ion: 83 Resp: 202767

Ion Ratio Lower Upper

83 100

85 63.7 52.5 78.7

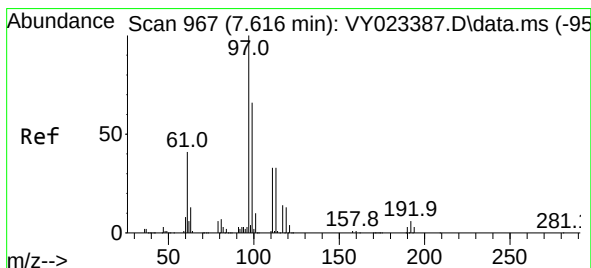
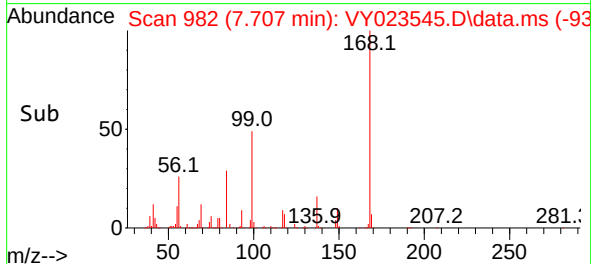
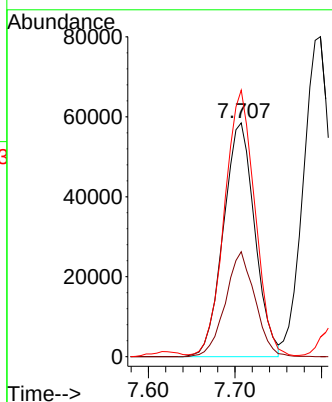
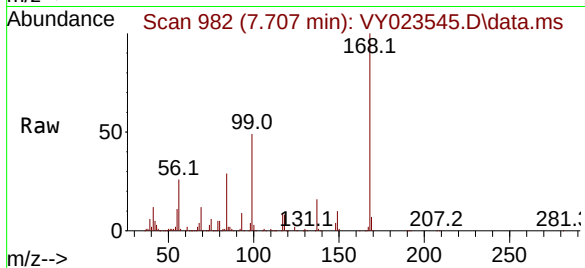




#31
Cyclohexane
Concen: 19.331 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

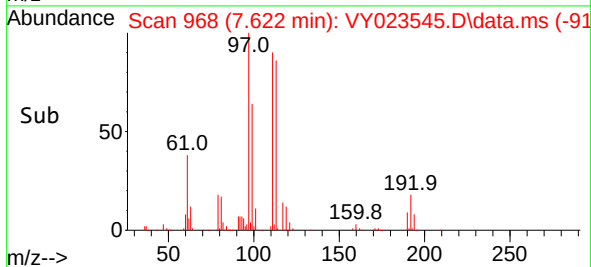
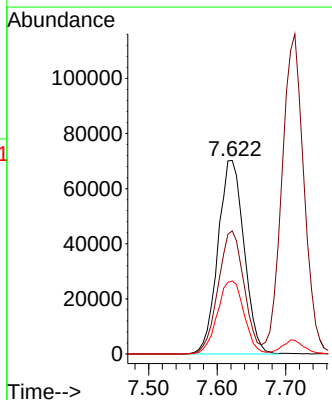
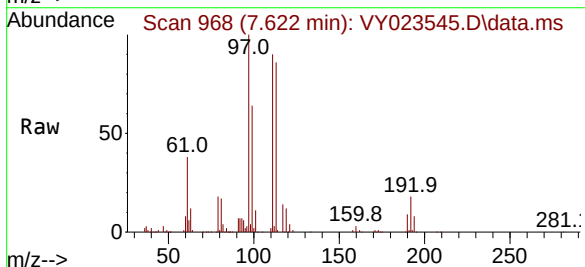
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

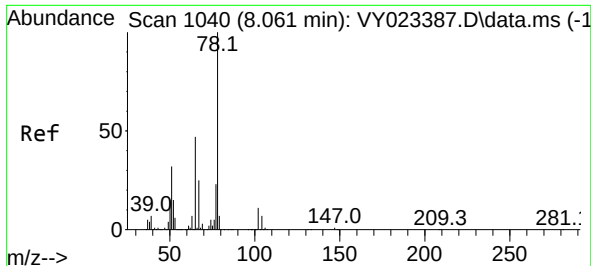
Tgt Ion: 56 Resp: 146973
Ion Ratio Lower Upper
56 100
69 44.9 30.0 45.0
84 112.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.339 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 97 Resp: 185487
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.2
61 38.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.699 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

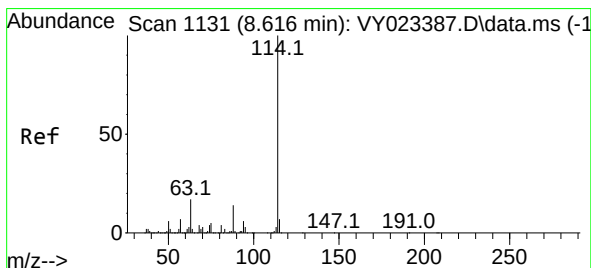
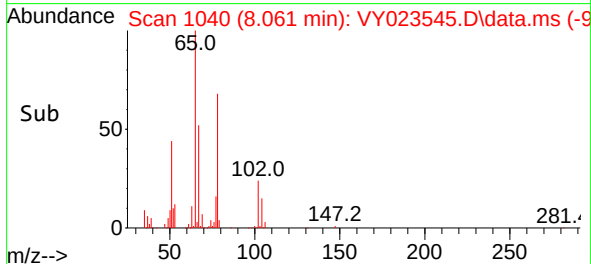
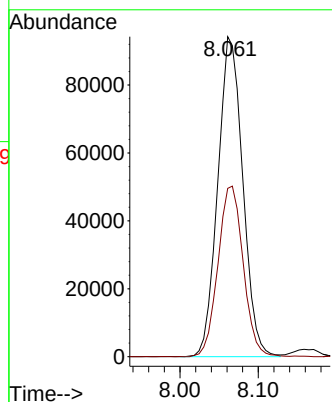
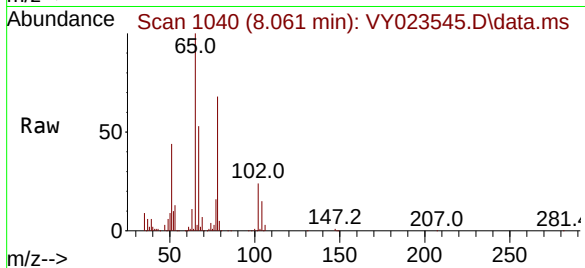
VY1022SBS01

Tgt Ion: 65 Resp: 208863

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

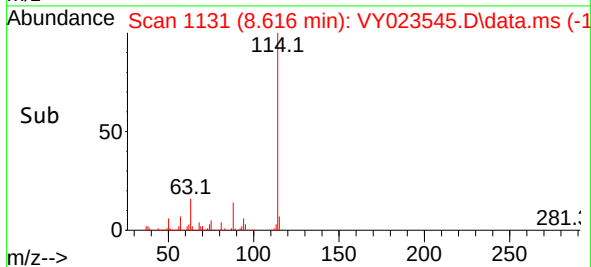
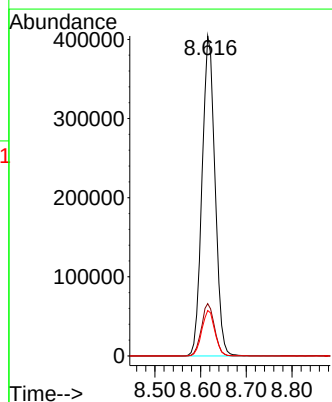
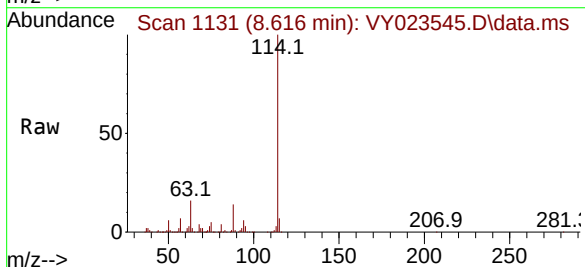
Tgt Ion: 114 Resp: 794303

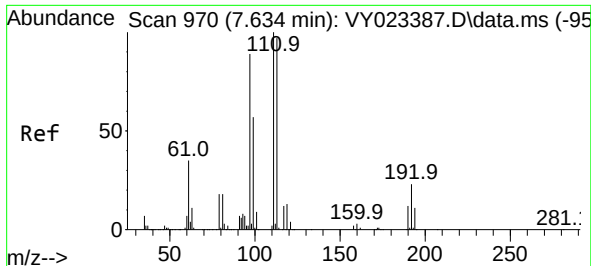
Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.2

88 14.2 0.0 28.4

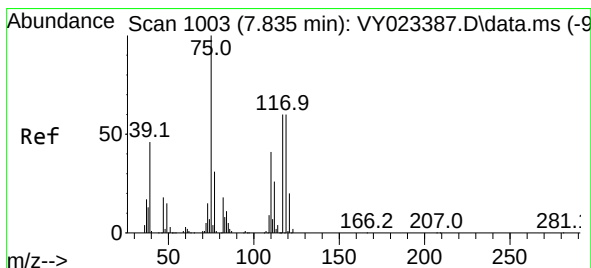
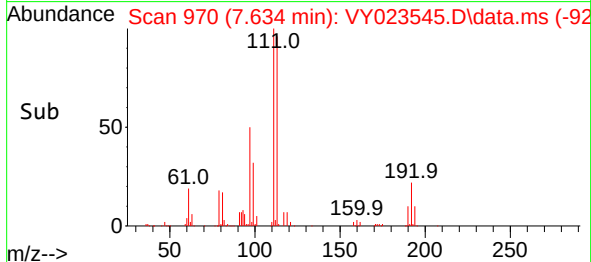
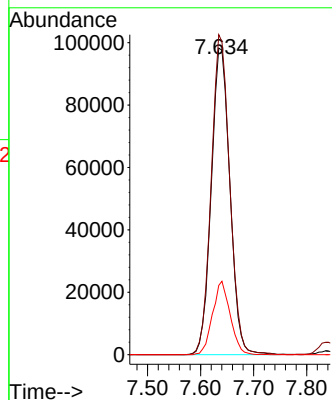
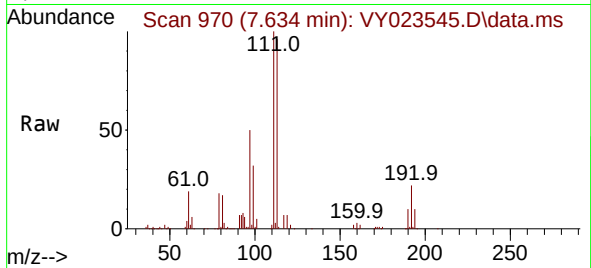




#35
Dibromofluoromethane
Concen: 49.282 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

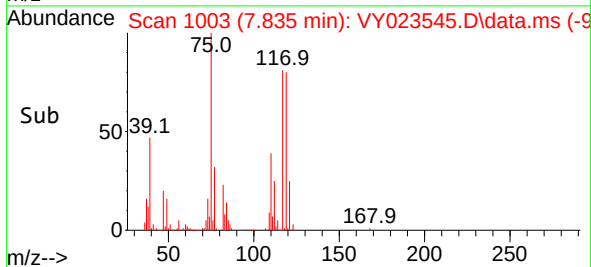
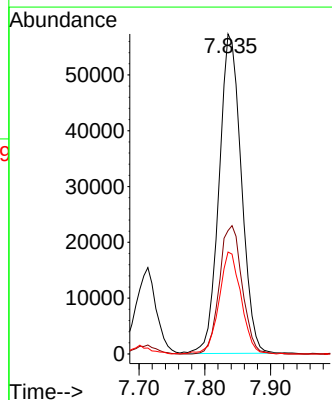
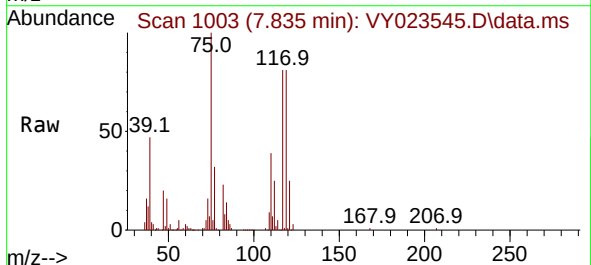
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

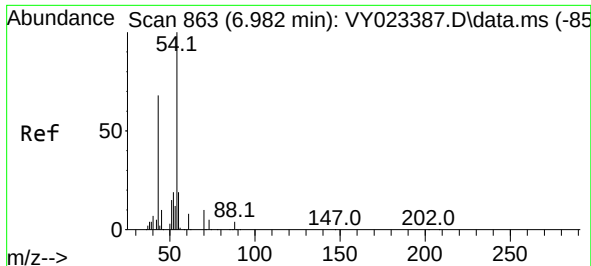
Tgt Ion:113 Resp: 240525
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.873 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 75 Resp: 134867
Ion Ratio Lower Upper
75 100
110 41.2 19.9 59.7
77 31.7 25.0 37.6

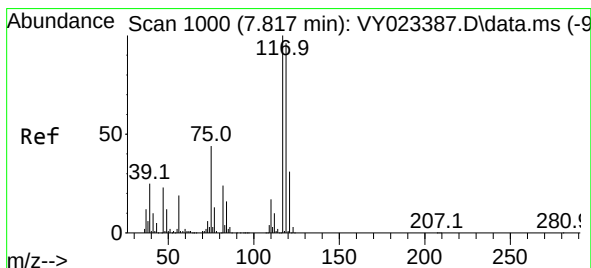
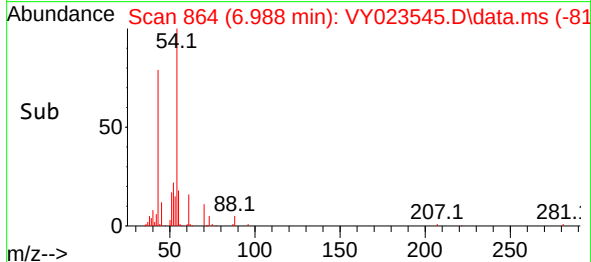
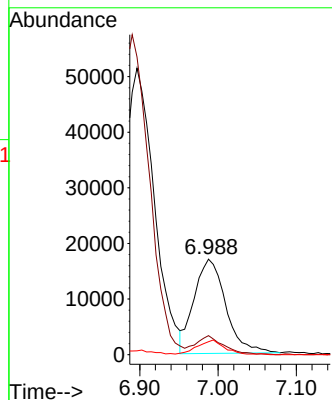
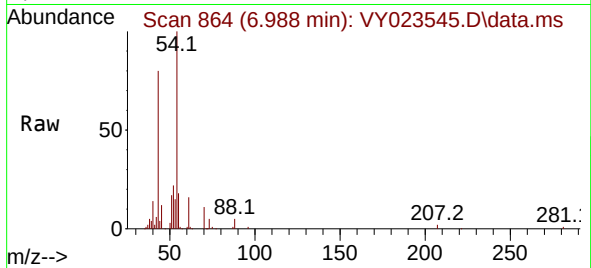




#37
Ethyl Acetate
Concen: 18.620 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

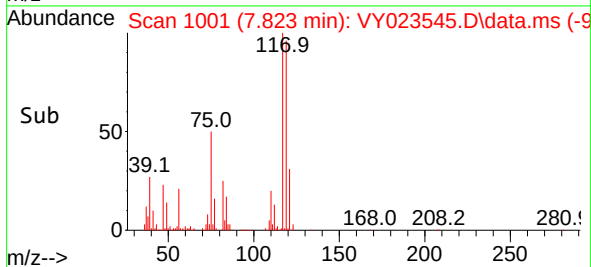
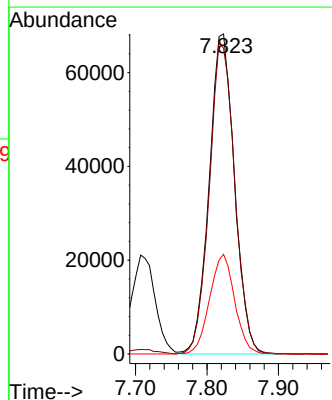
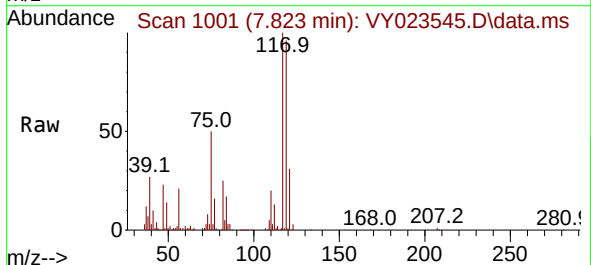
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

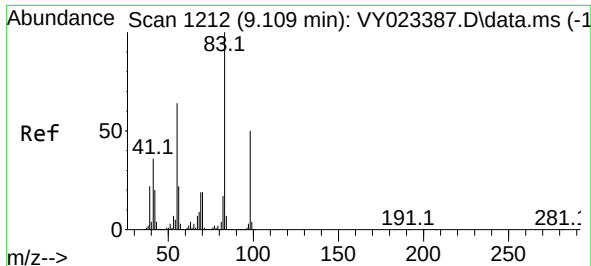
Tgt Ion: 43 Resp: 47665
Ion Ratio Lower Upper
43 100
61 17.8 11.8 17.8#
70 13.5 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.380 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 117 Resp: 167506
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 20.726 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023545.D

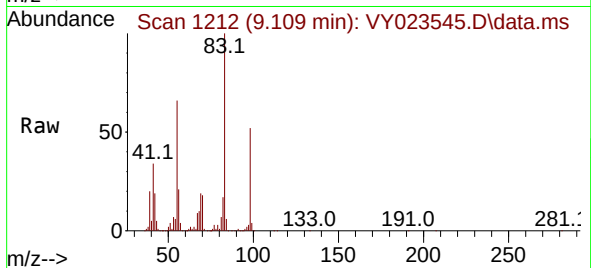
Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

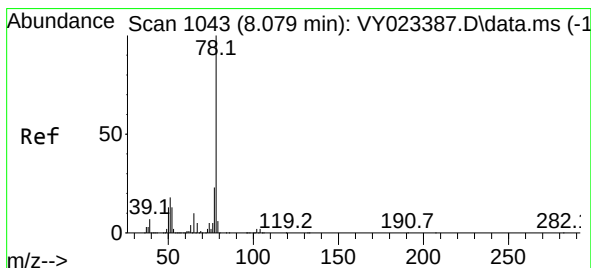
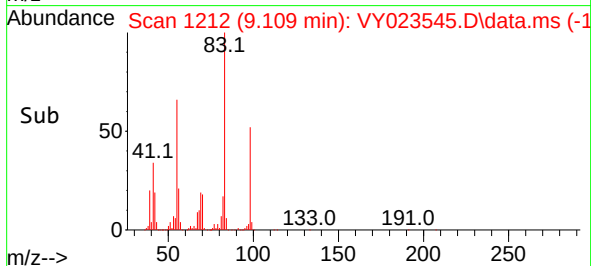
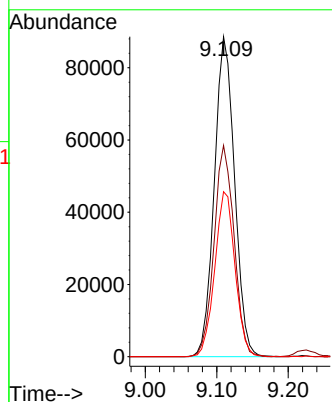
ClientSampleId :

VY1022SBS01



Tgt Ion: 83 Resp: 174367

Ion	Ratio	Lower	Upper
83	100		
55	66.0	51.4	77.2
98	51.6	40.4	60.6



#40

Benzene

Concen: 21.157 ug/l

RT: 8.085 min Scan# 1044

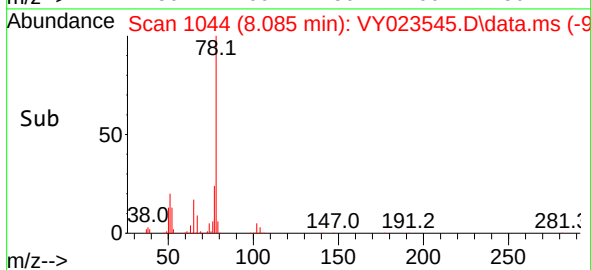
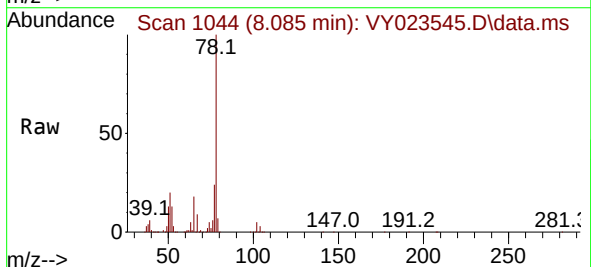
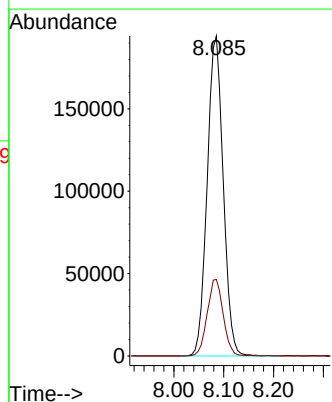
Delta R.T. 0.006 min

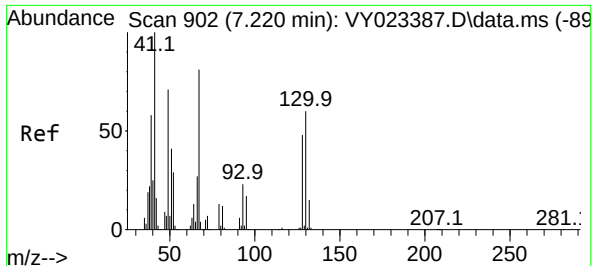
Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Tgt Ion: 78 Resp: 432933

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5

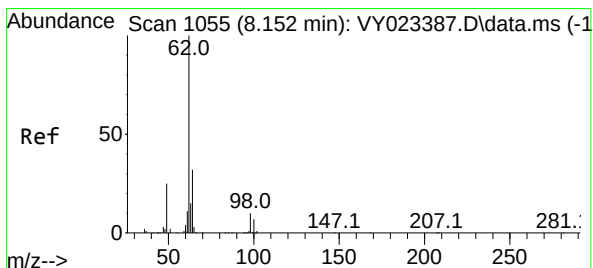
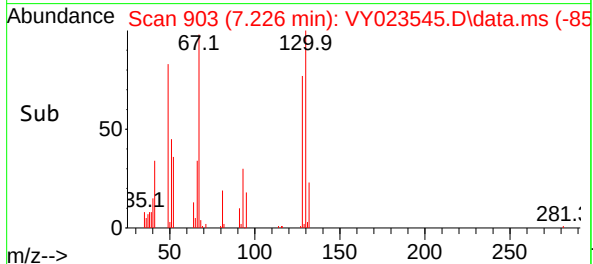
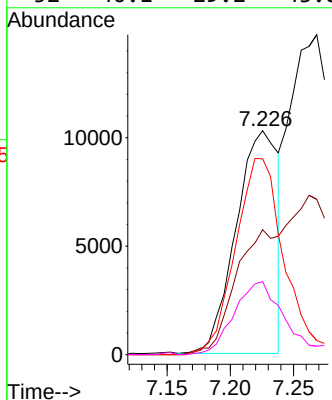
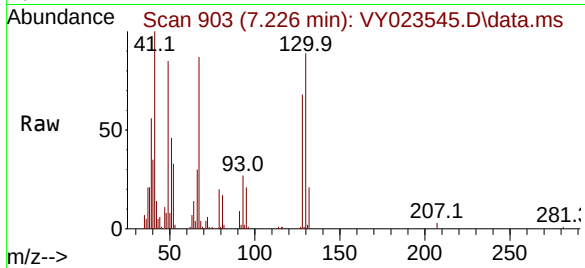




#41
Methacrylonitrile
Concen: 17.080 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

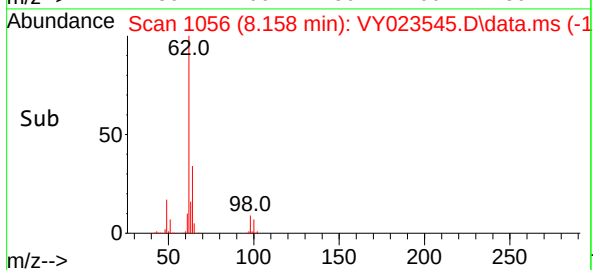
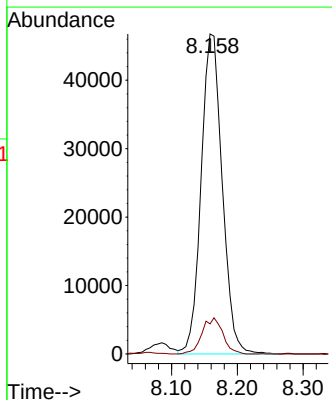
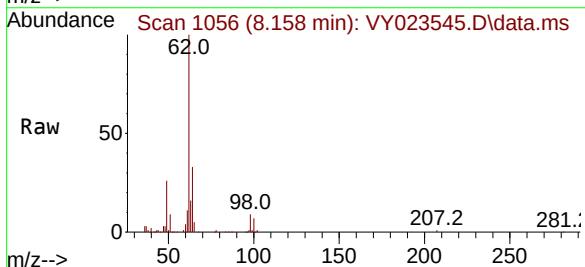
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

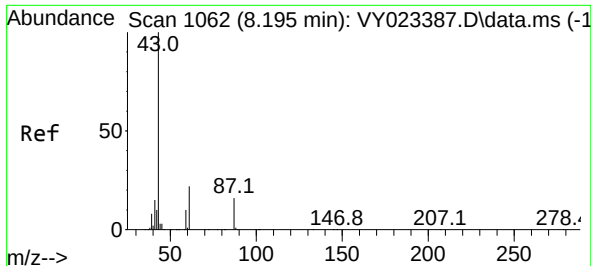
Tgt Ion: 41 Resp: 23647
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4#
67 102.5 74.9 112.3
52 40.1 29.2 43.8



#42
1,2-Dichloroethane
Concen: 19.787 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 62 Resp: 104422
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.6

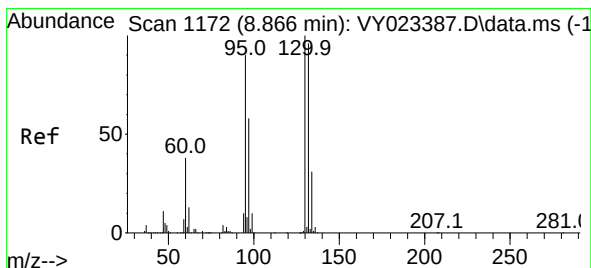
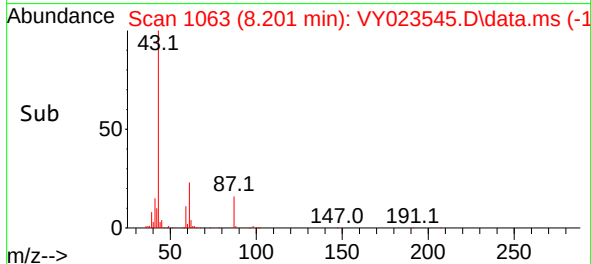
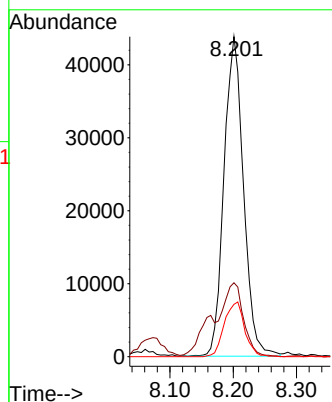
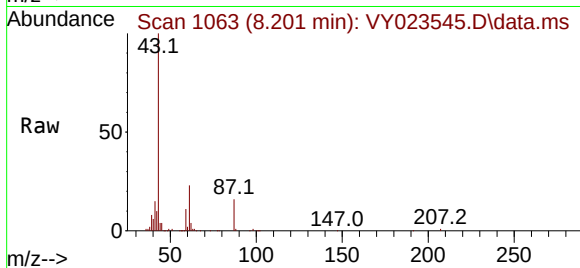




#43
Isopropyl Acetate
Concen: 18.386 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

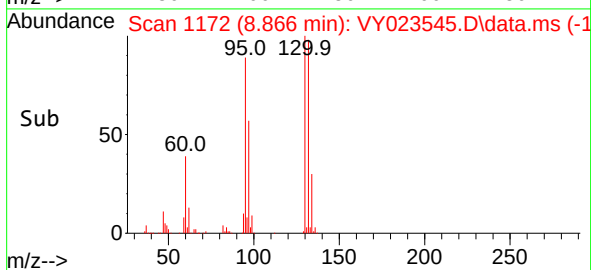
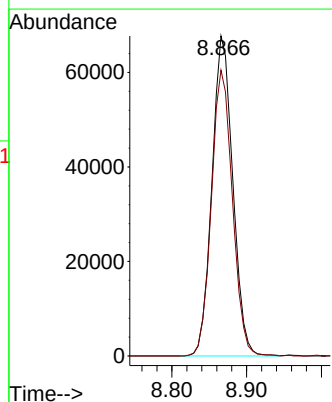
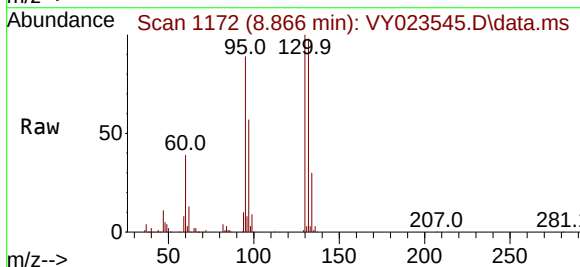
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

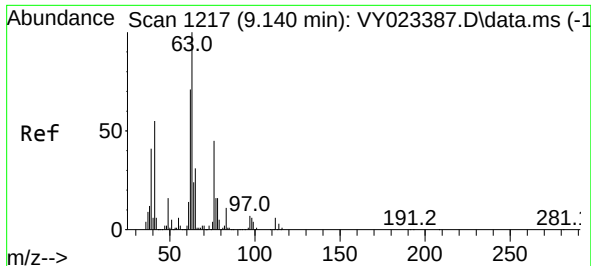
Tgt Ion: 43 Resp: 93851
Ion Ratio Lower Upper
43 100
61 25.1 18.1 27.1
87 17.9 13.5 20.3



#44
Trichloroethene
Concen: 21.940 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:130 Resp: 131401
Ion Ratio Lower Upper
130 100
95 89.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.006 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

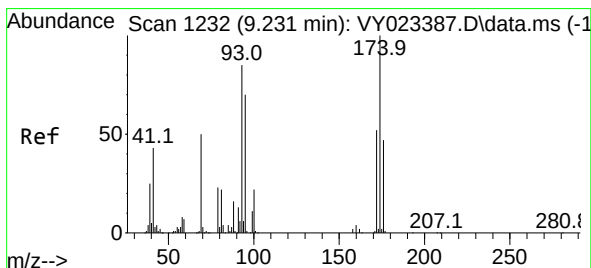
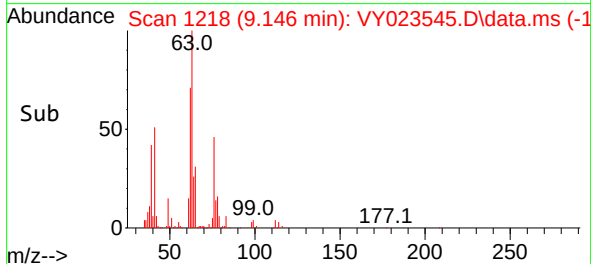
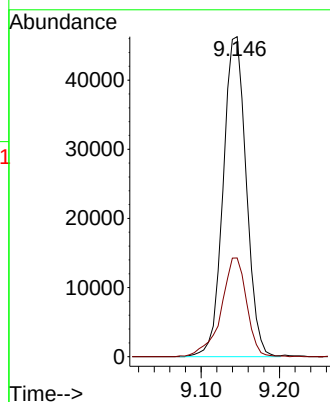
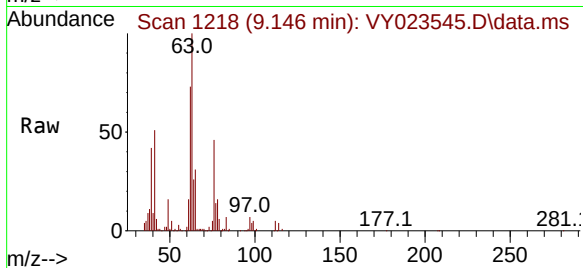
VY1022SBS01

Tgt Ion: 63 Resp: 94941

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 20.843 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

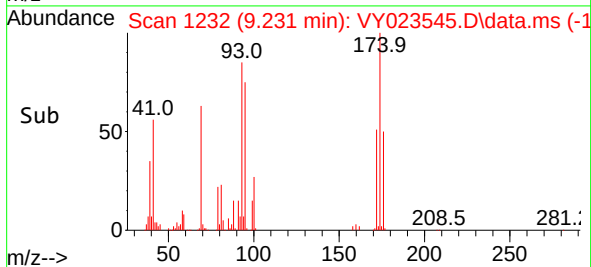
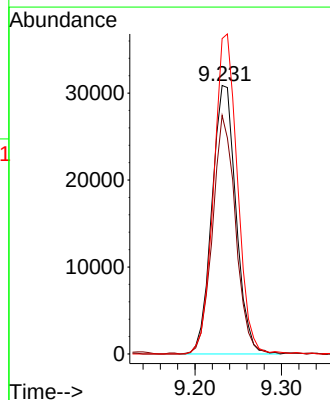
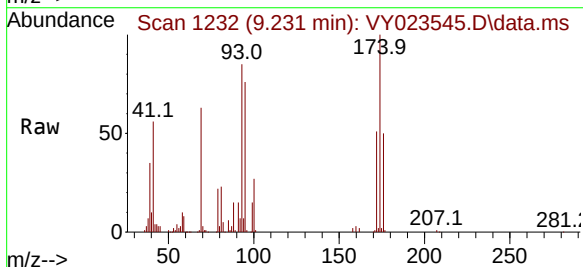
Tgt Ion: 93 Resp: 59570

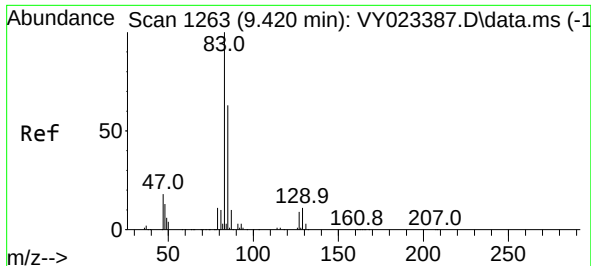
Ion Ratio Lower Upper

93 100

95 85.1 65.4 98.0

174 117.7 92.9 139.3

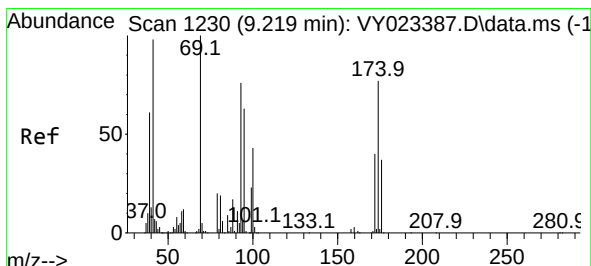
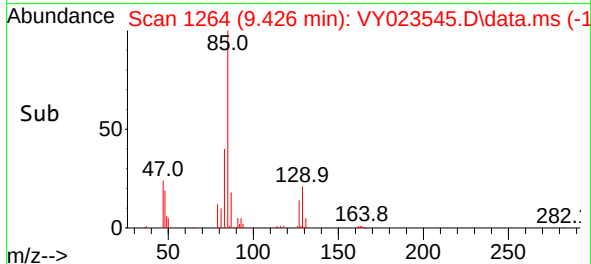
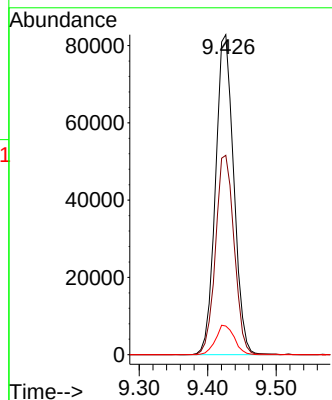
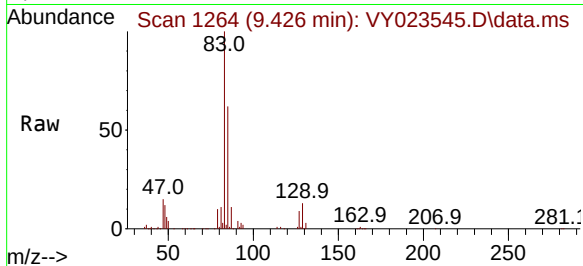




#47
Bromodichloromethane
Concen: 21.237 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

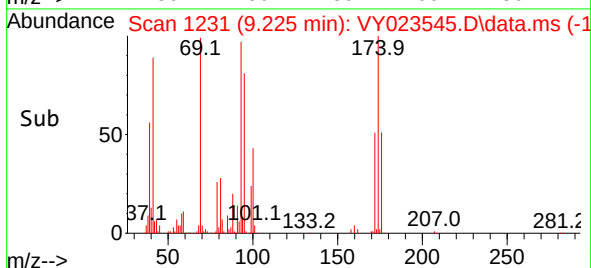
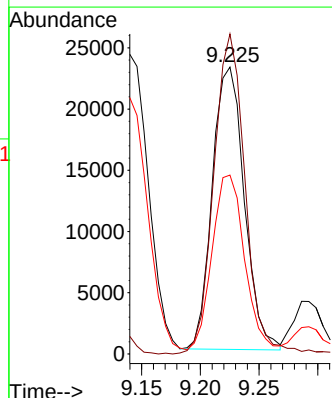
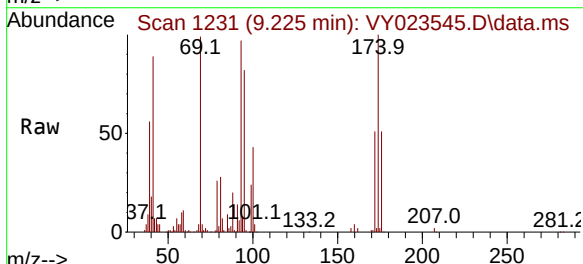
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

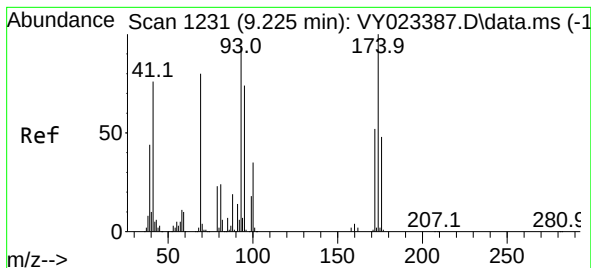
Tgt Ion: 83 Resp: 152859
Ion Ratio Lower Upper
83 100
85 62.3 50.8 76.2
127 8.9 7.4 11.2



#48
Methyl methacrylate
Concen: 18.246 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 41 Resp: 43753
Ion Ratio Lower Upper
41 100
69 111.4 81.0 121.4
39 62.9 48.2 72.4





#49

1,4-Dioxane

Concen: 368.059 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

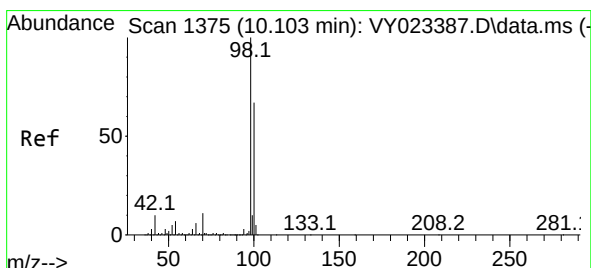
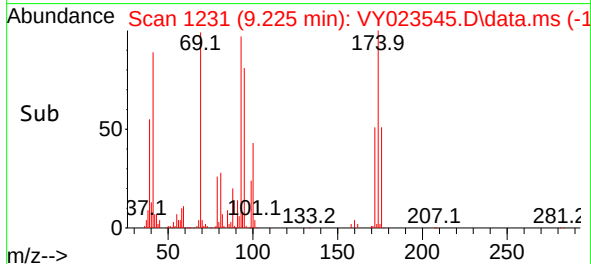
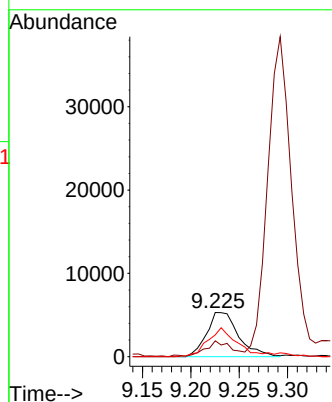
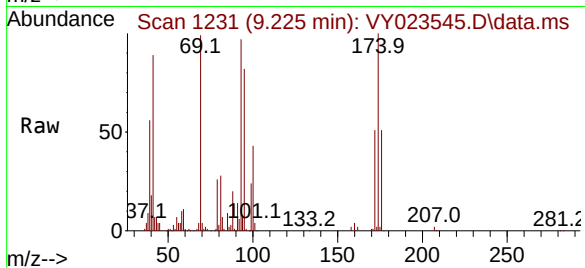
Tgt Ion: 88 Resp: 12196

Ion Ratio Lower Upper

88 100

43 30.0 21.8 32.8

58 60.8 46.8 70.2



#50

Toluene-d8

Concen: 49.771 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023545.D

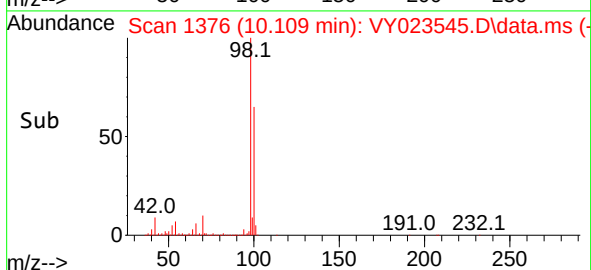
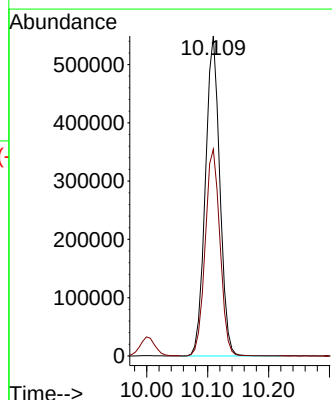
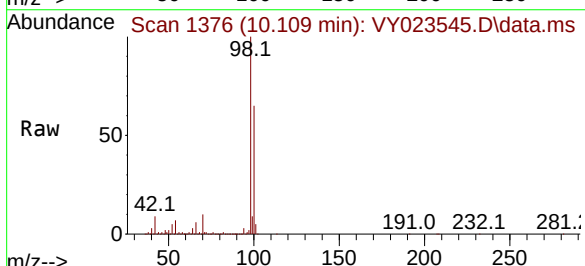
Acq: 22 Oct 2025 10:28

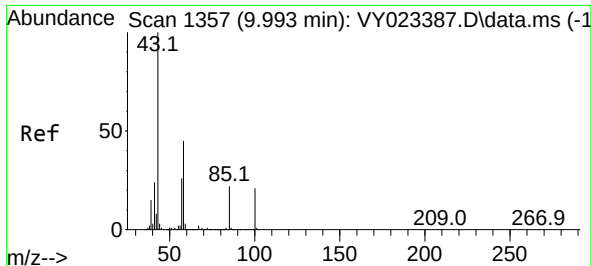
Tgt Ion: 98 Resp: 904633

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

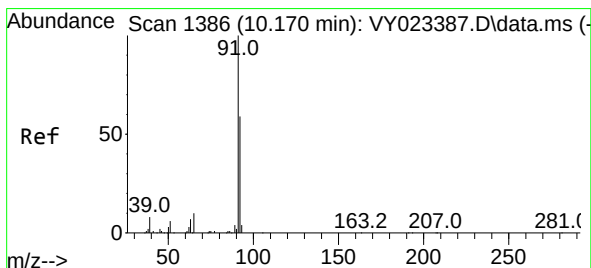
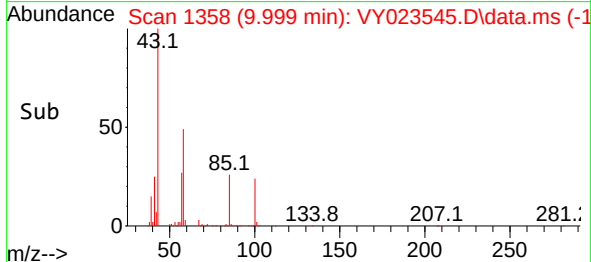
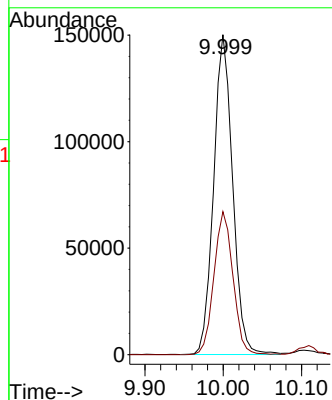
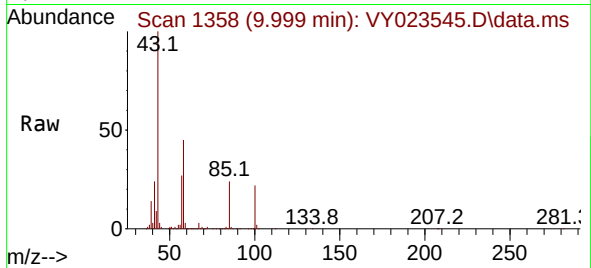




#51
4-Methyl-2-Pentanone
Concen: 96.032 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

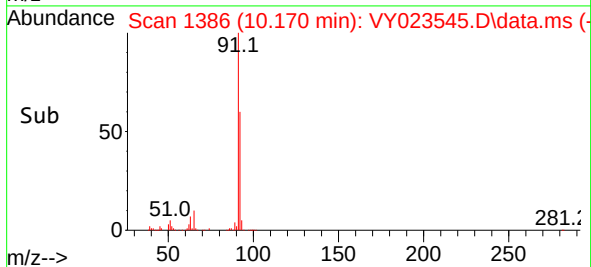
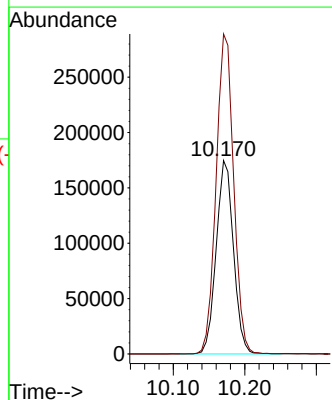
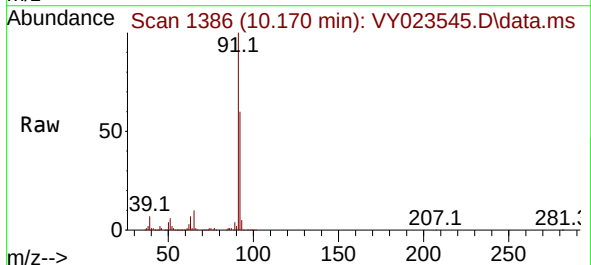
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

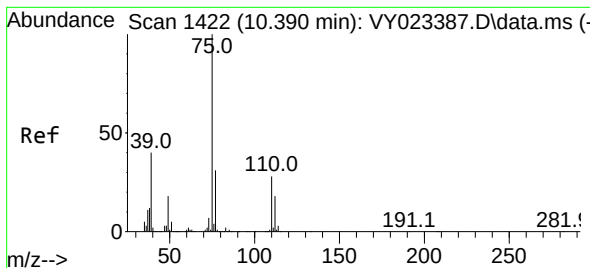
Tgt Ion: 43 Resp: 253262
Ion Ratio Lower Upper
43 100
58 45.0 35.3 52.9



#52
Toluene
Concen: 21.986 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 92 Resp: 292104
Ion Ratio Lower Upper
92 100
91 168.4 136.4 204.6

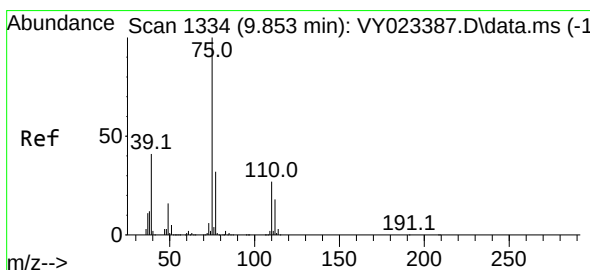
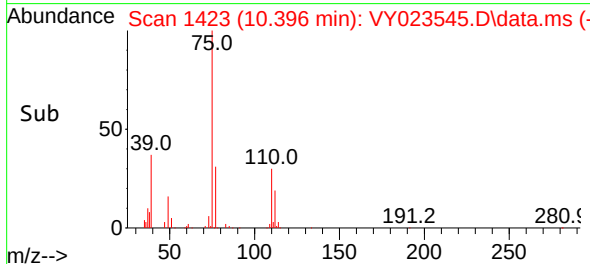
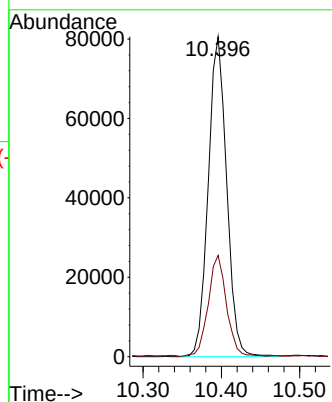
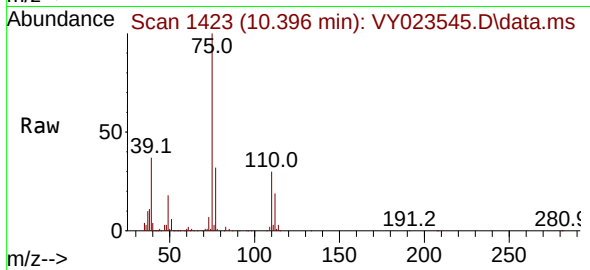




#53
 t-1,3-Dichloropropene
 Concen: 21.031 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

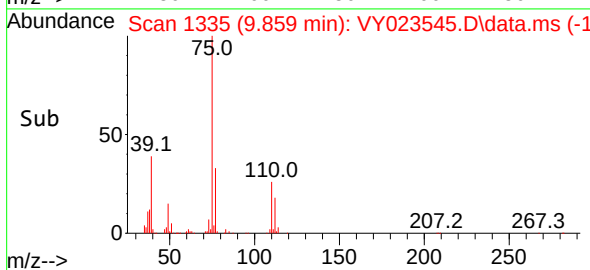
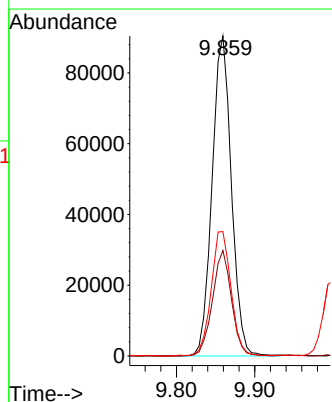
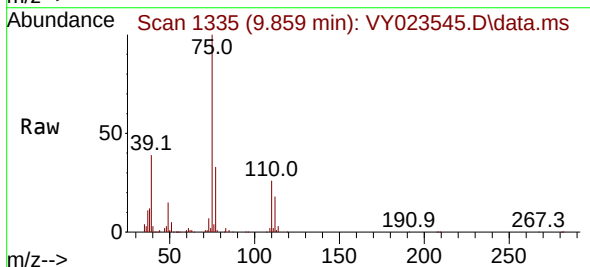
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

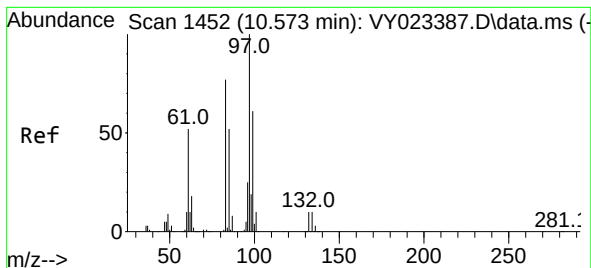
Tgt Ion: 75 Resp: 131626
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.924 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion: 75 Resp: 154563
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 38.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 21.572 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 97 Resp: 82907

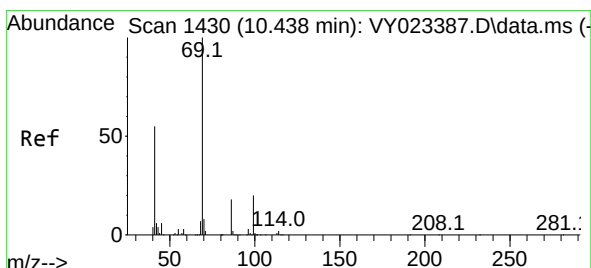
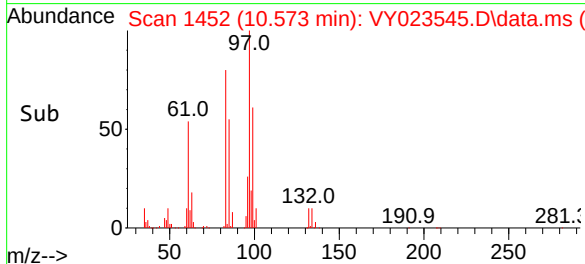
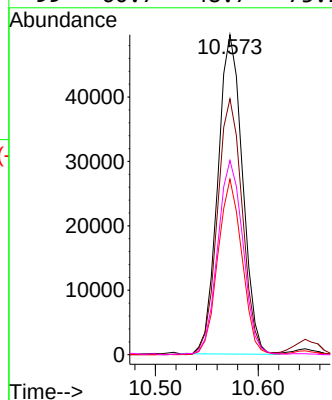
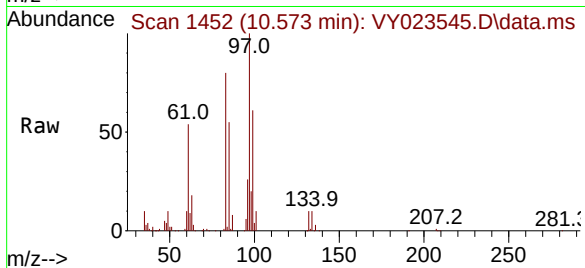
Ion Ratio Lower Upper

97 100

83 80.1 61.8 92.6

85 55.0 41.3 61.9

99 60.7 48.7 73.1



#56

Ethyl methacrylate

Concen: 19.771 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

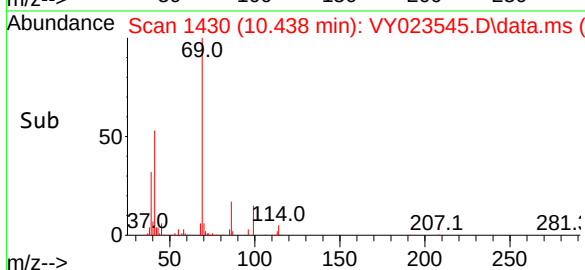
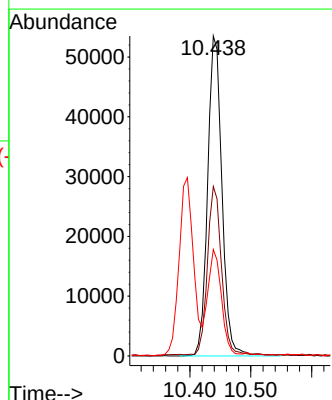
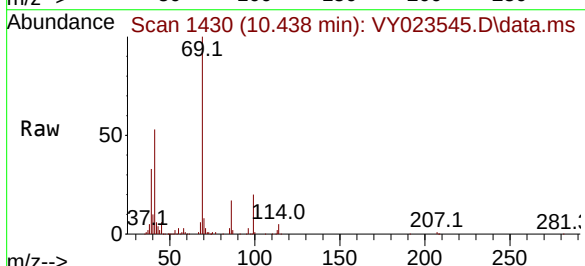
Tgt Ion: 69 Resp: 87648

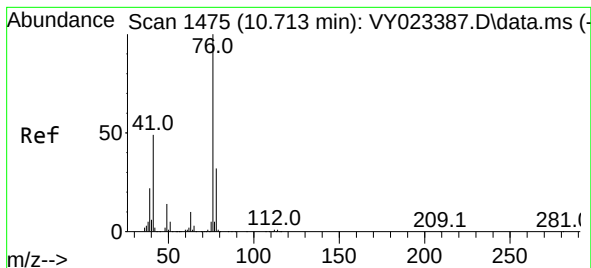
Ion Ratio Lower Upper

69 100

41 50.7 44.6 67.0

39 30.3 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.809 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

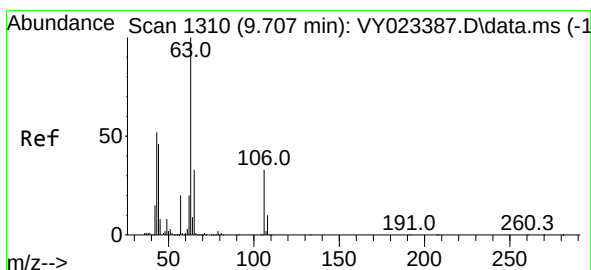
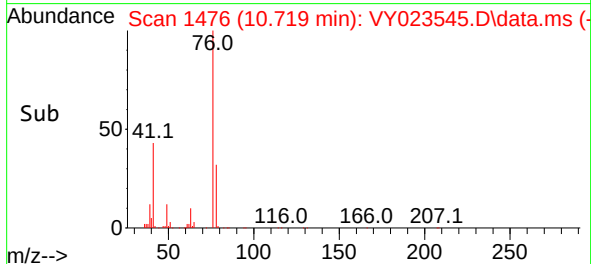
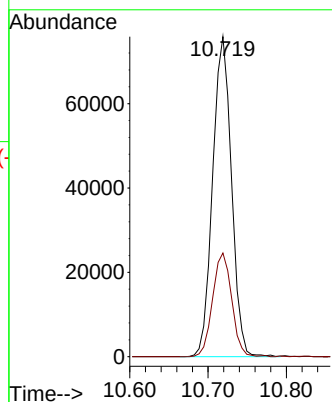
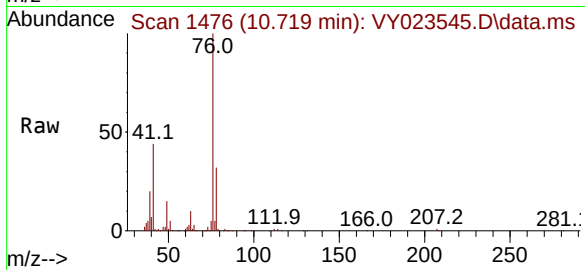
VY1022SBS01

Tgt Ion: 76 Resp: 126727

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.421 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023545.D

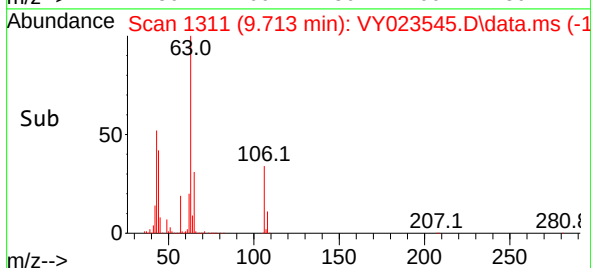
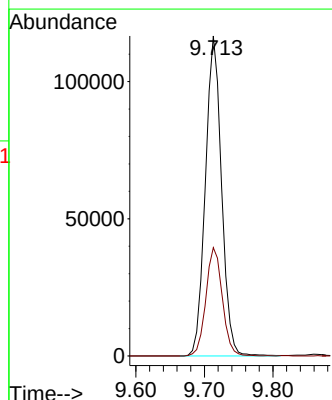
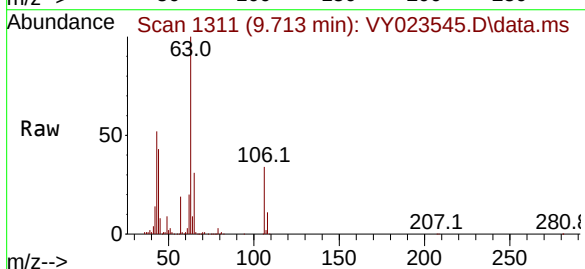
Acq: 22 Oct 2025 10:28

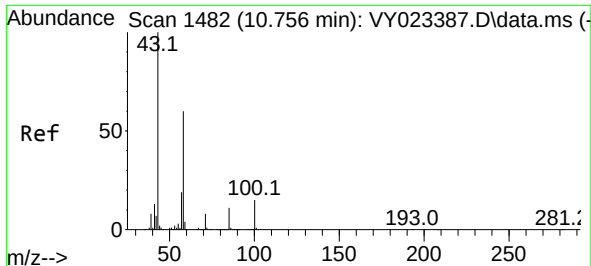
Tgt Ion: 63 Resp: 191490

Ion Ratio Lower Upper

63 100

106 34.4 26.6 39.8





#59

2-Hexanone

Concen: 107.056 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

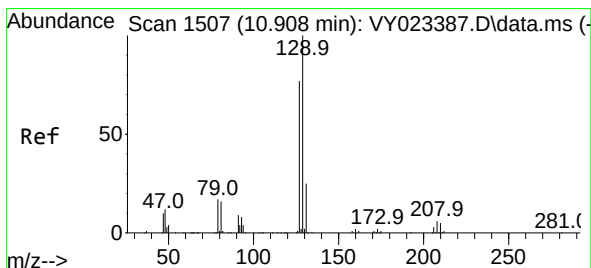
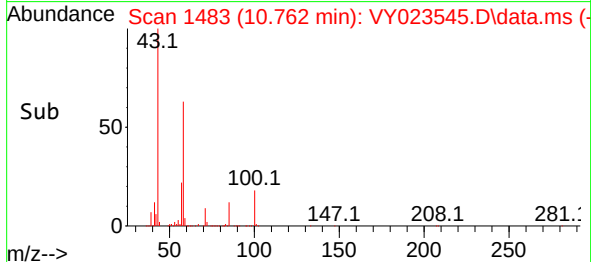
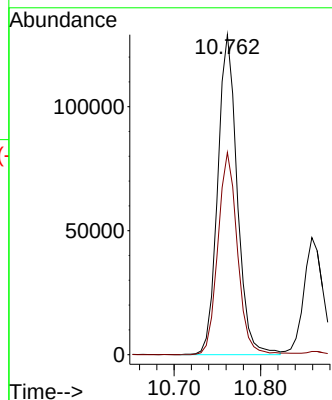
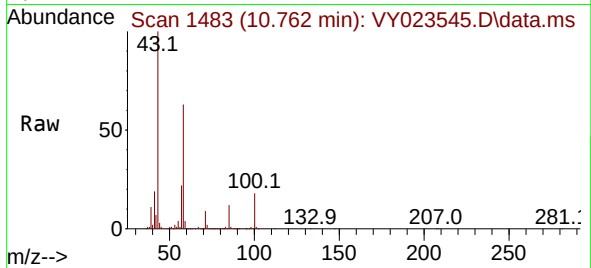
VY1022SBS01

Tgt Ion: 43 Resp: 201768

Ion Ratio Lower Upper

43 100

58 63.4 30.5 91.5



#60

Dibromochloromethane

Concen: 21.397 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY023545.D

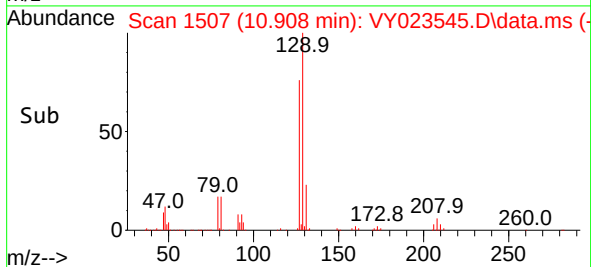
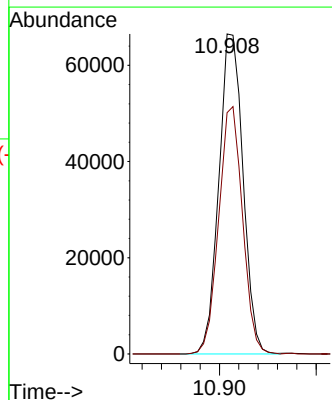
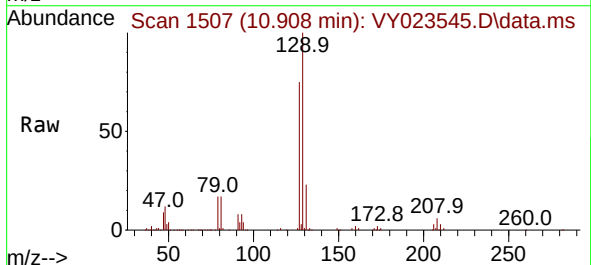
Acq: 22 Oct 2025 10:28

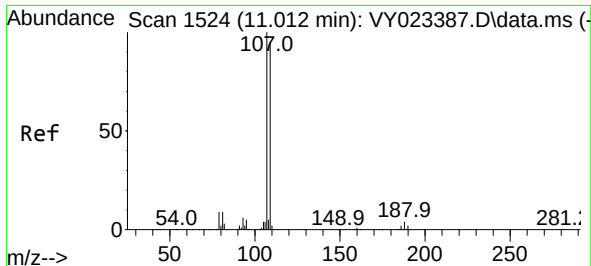
Tgt Ion: 129 Resp: 115294

Ion Ratio Lower Upper

129 100

127 76.1 38.6 115.7

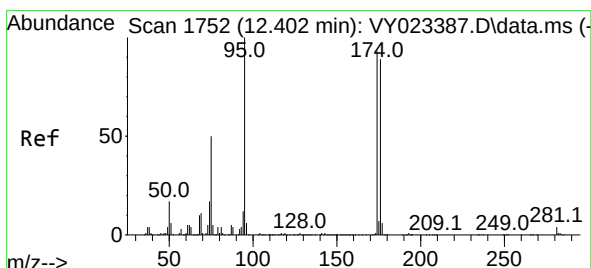
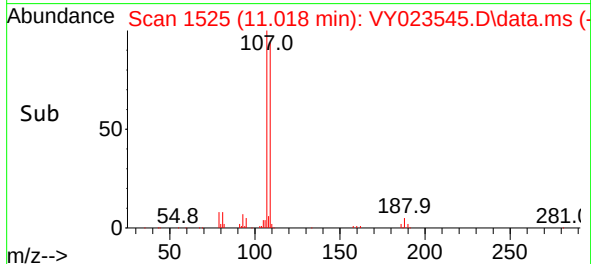
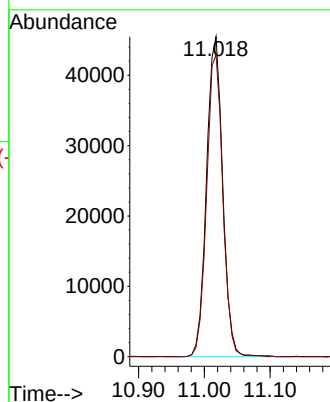
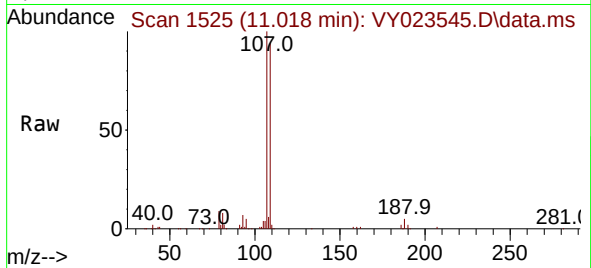




#61
1,2-Dibromoethane
Concen: 21.218 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

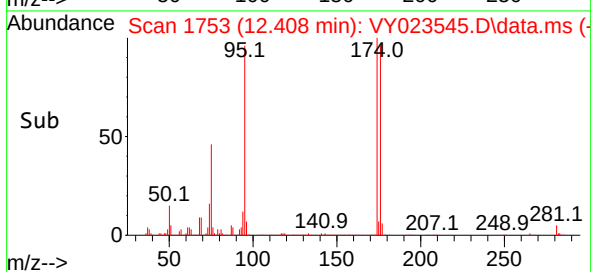
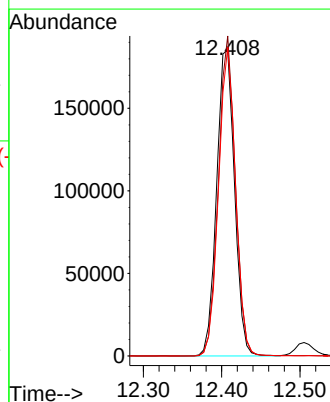
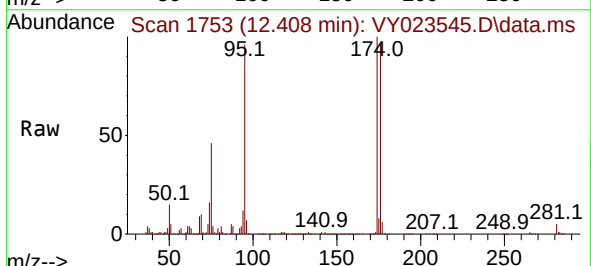
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

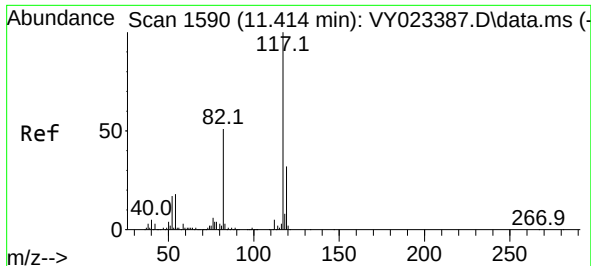
Tgt Ion:107 Resp: 77772
Ion Ratio Lower Upper
107 100
109 94.1 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.281 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 95 Resp: 295724
Ion Ratio Lower Upper
95 100
174 98.8 0.0 192.8
176 95.7 0.0 187.6

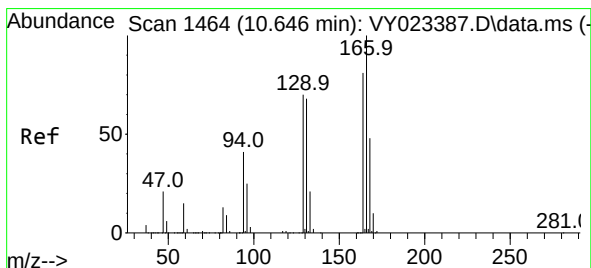
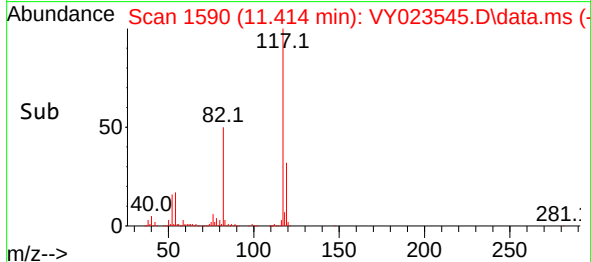
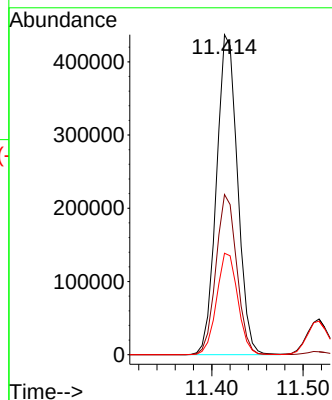
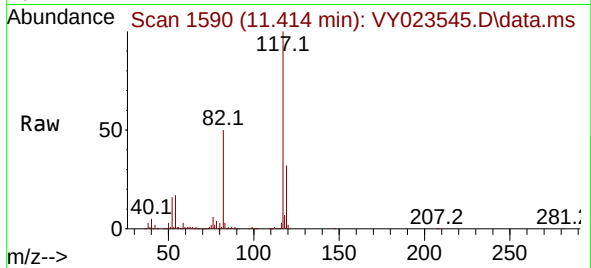




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

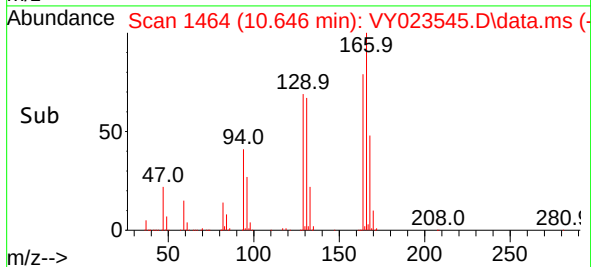
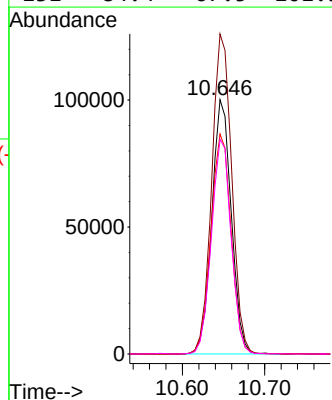
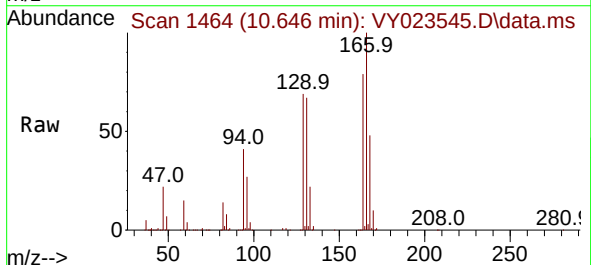
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

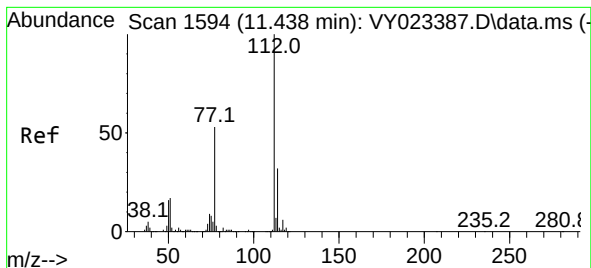
Tgt Ion:117 Resp: 700136
Ion Ratio Lower Upper
117 100
82 50.1 41.0 61.4
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 22.850 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:164 Resp: 165184
Ion Ratio Lower Upper
164 100
166 125.9 99.4 149.0
129 86.5 69.4 104.2
131 84.4 67.5 101.3





#65

Chlorobenzene

Concen: 21.371 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

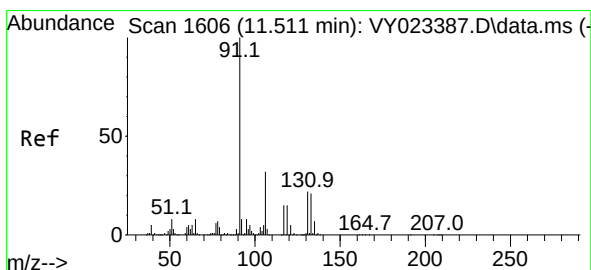
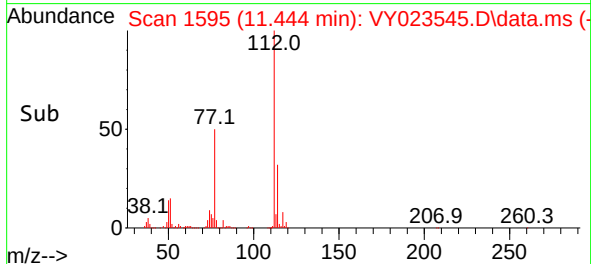
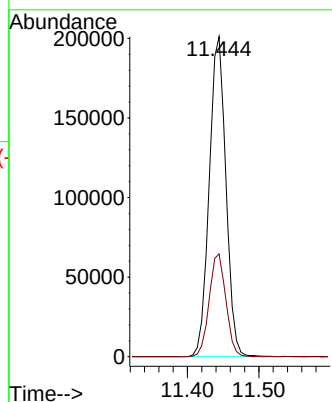
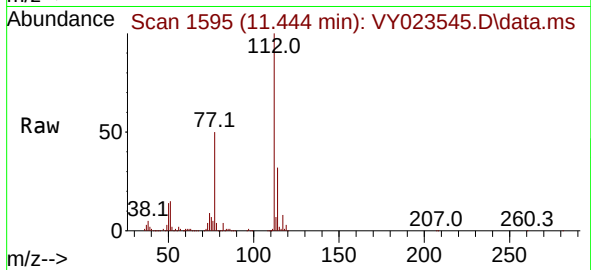
VY1022SBS01

Tgt Ion:112 Resp: 325435

Ion Ratio Lower Upper

112 100

114 32.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 21.452 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

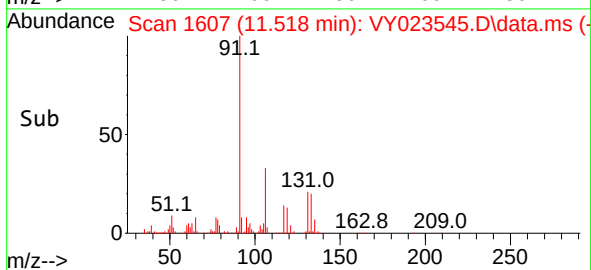
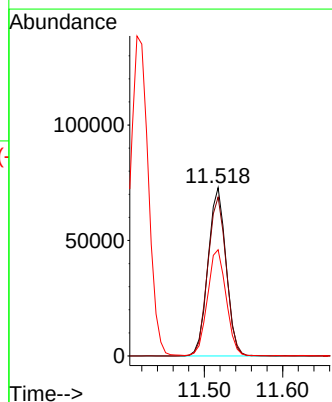
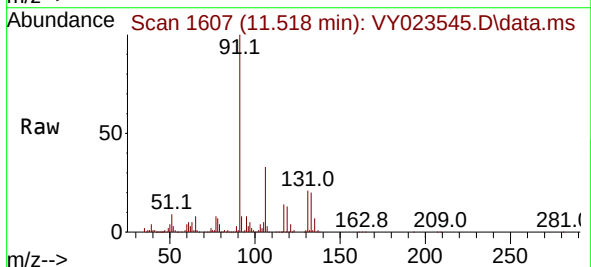
Tgt Ion:131 Resp: 116407

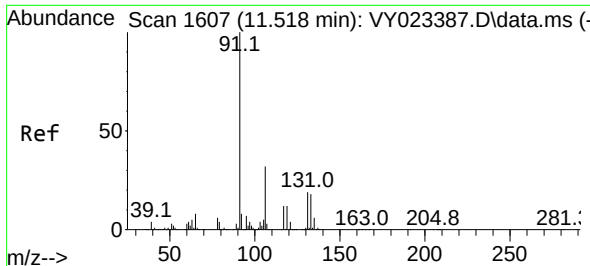
Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.2

119 65.4 32.4 97.2

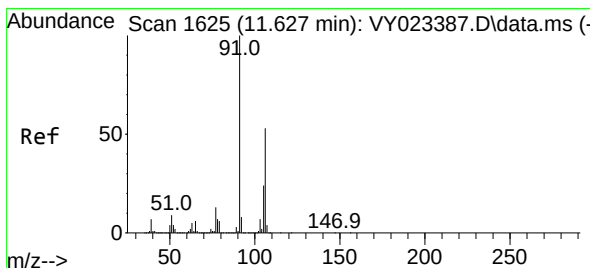
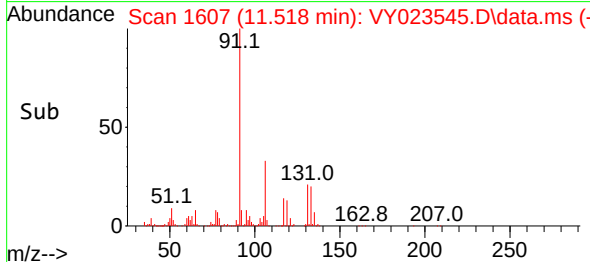
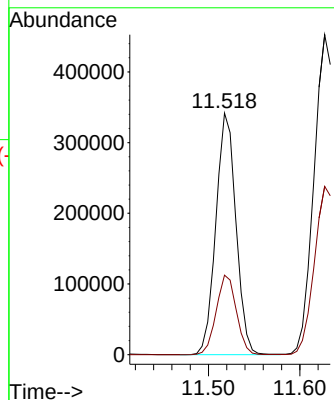
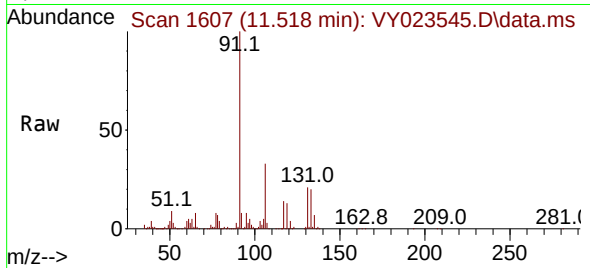




#67
Ethyl Benzene
Concen: 21.179 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

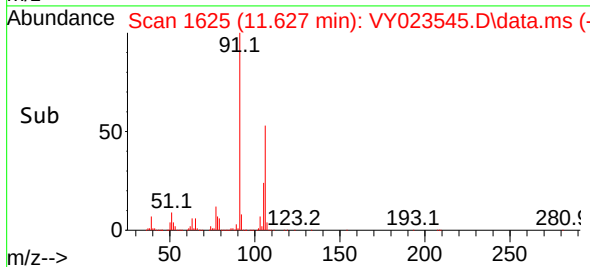
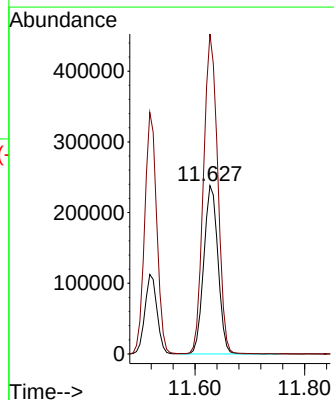
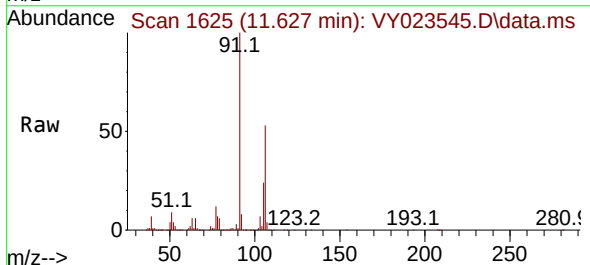
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

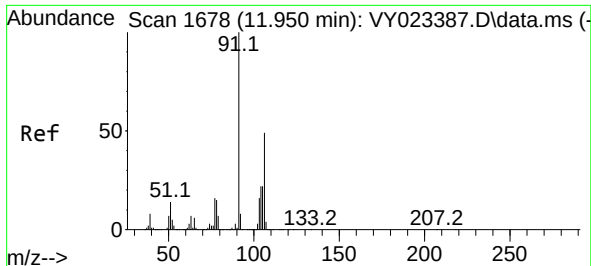
Tgt Ion: 91 Resp: 522038
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.8



#68
m/p-Xylenes
Concen: 43.322 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:106 Resp: 428308
Ion Ratio Lower Upper
106 100
91 189.4 152.6 229.0

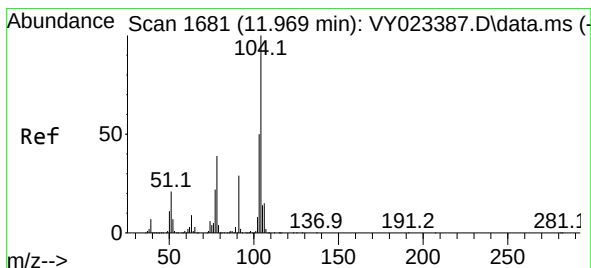
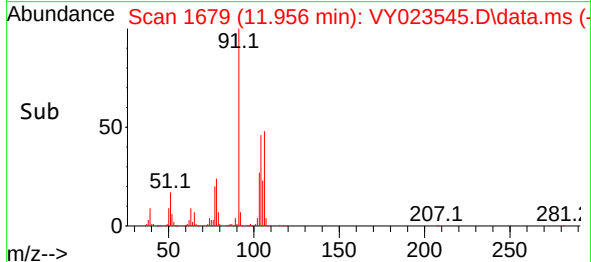
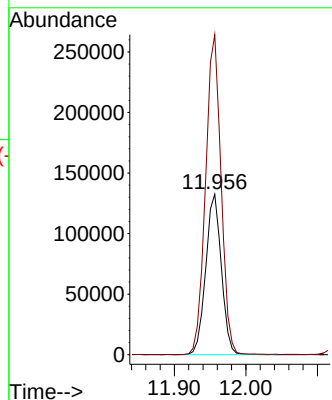
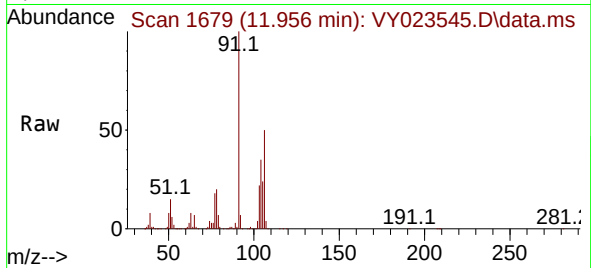




#69
o-Xylene
Concen: 21.646 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

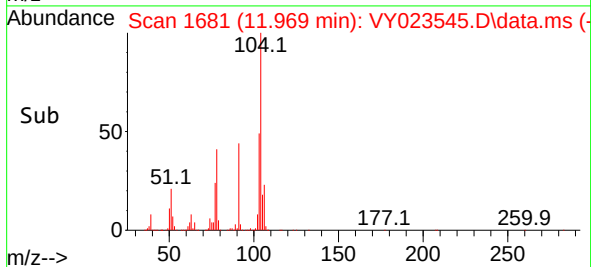
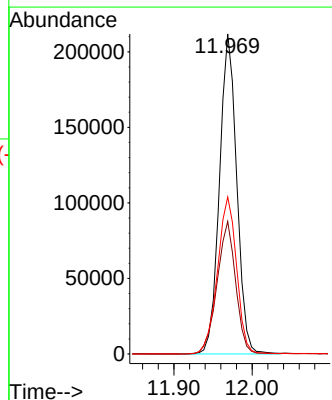
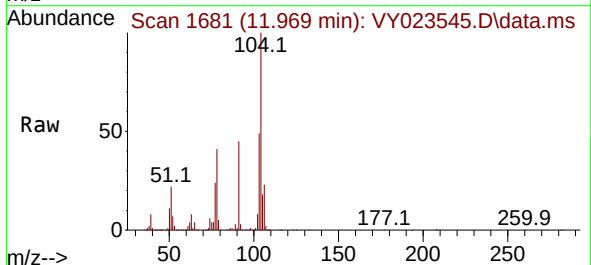
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

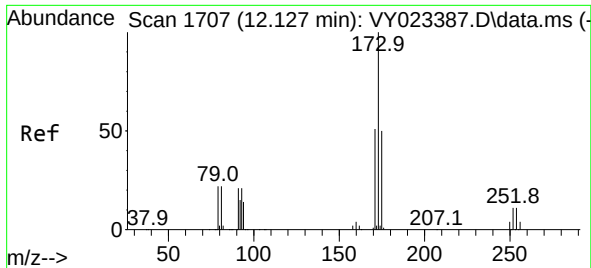
Tgt Ion:106 Resp: 200731
Ion Ratio Lower Upper
106 100
91 198.5 101.4 304.1



#70
Styrene
Concen: 21.324 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:104 Resp: 325186
Ion Ratio Lower Upper
104 100
78 44.8 36.1 54.1
103 54.1 43.2 64.8

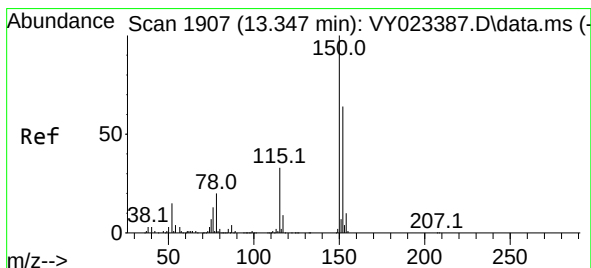
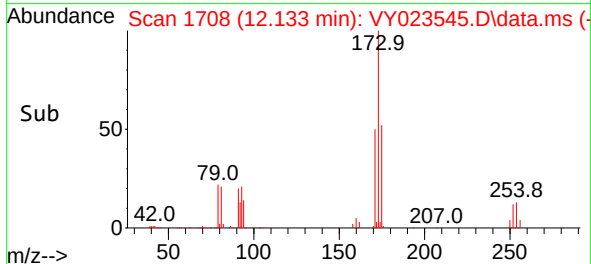
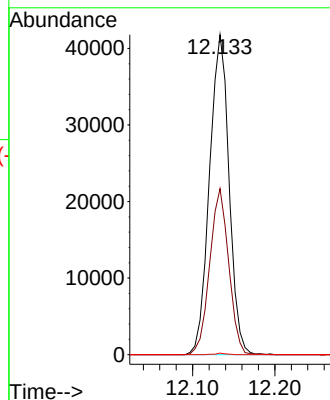
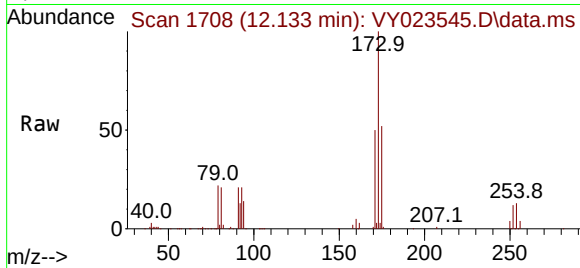




#71
Bromoform
Concen: 20.514 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

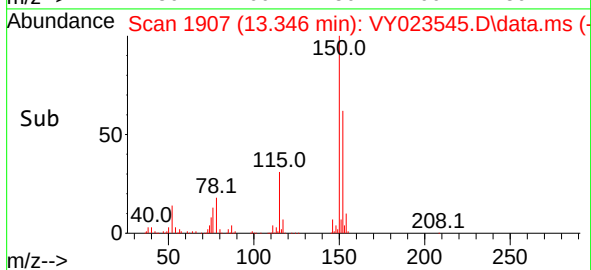
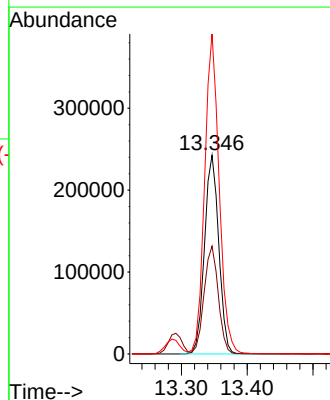
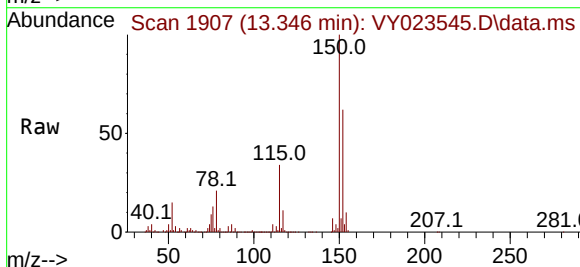
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

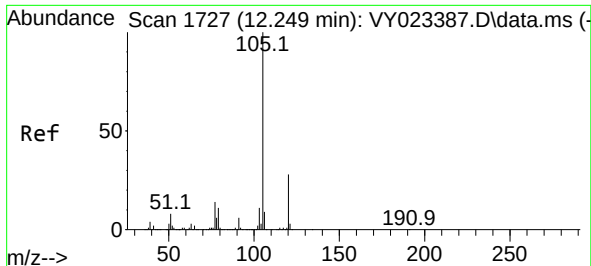
Tgt Ion:173 Resp: 69048
Ion Ratio Lower Upper
173 100
175 50.4 24.8 74.3
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:152 Resp: 365280
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.2
150 163.7 0.0 347.4

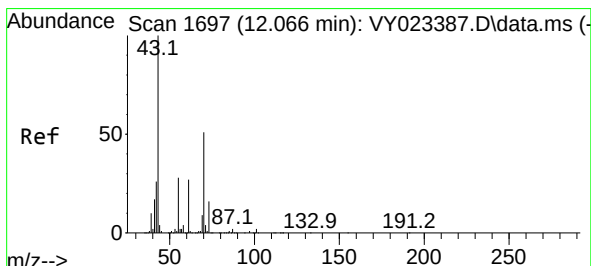
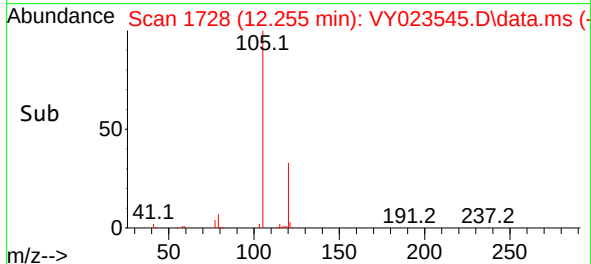
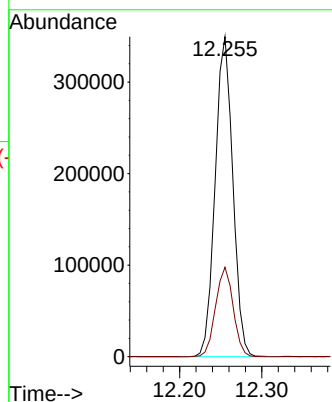
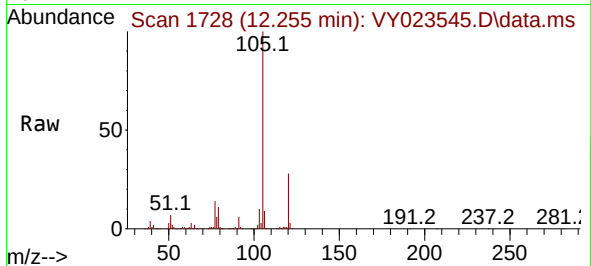




#73
Isopropylbenzene
Concen: 21.671 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

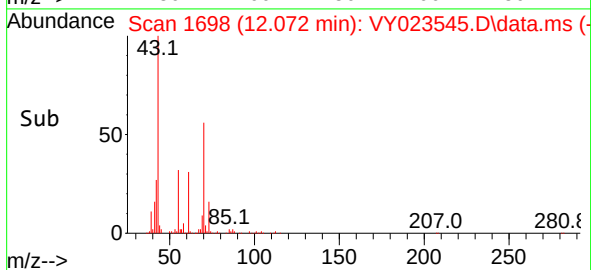
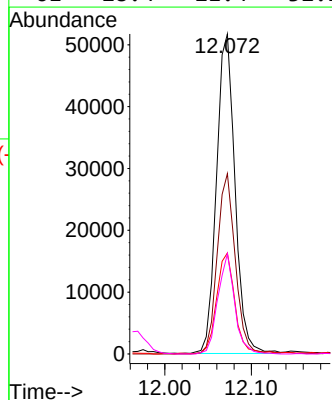
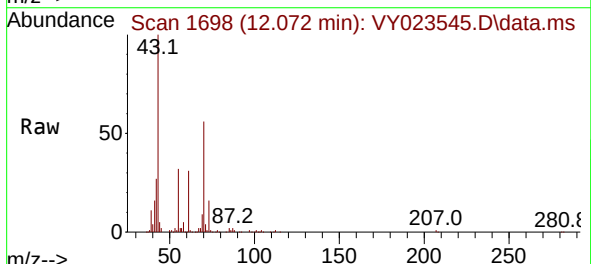
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

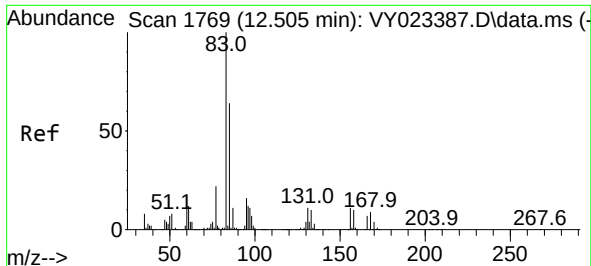
Tgt Ion:105 Resp: 521665
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7



#74
N-ethyl acetate
Concen: 17.731 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 43 Resp: 76665
Ion Ratio Lower Upper
43 100
70 55.8 41.1 61.7
55 30.9 23.0 34.6
61 28.4 21.4 32.2

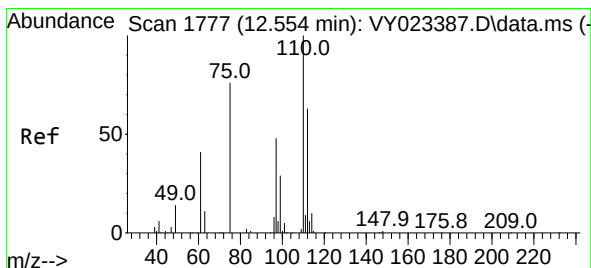
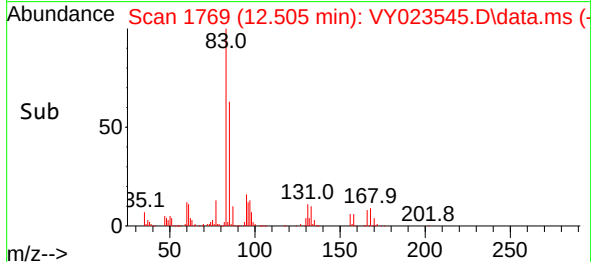
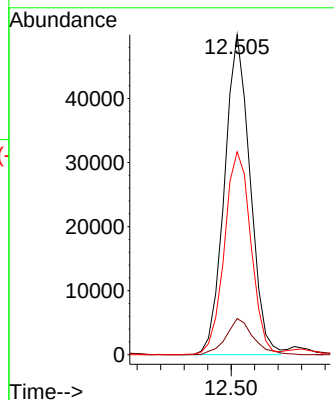
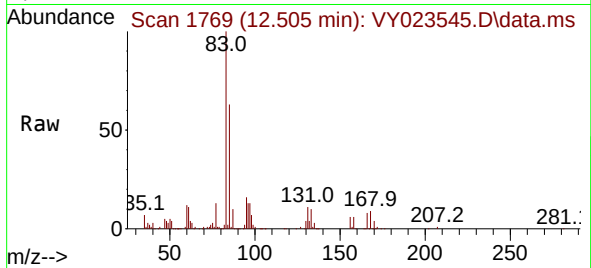




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.185 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

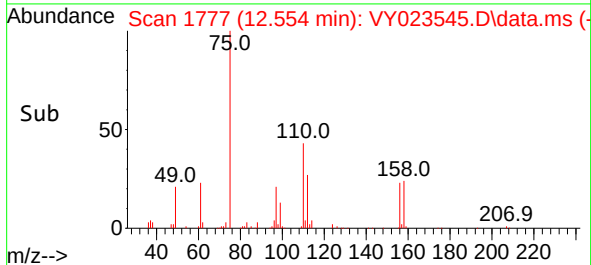
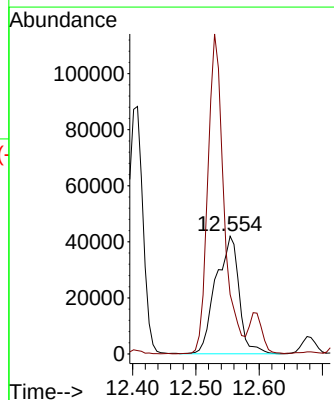
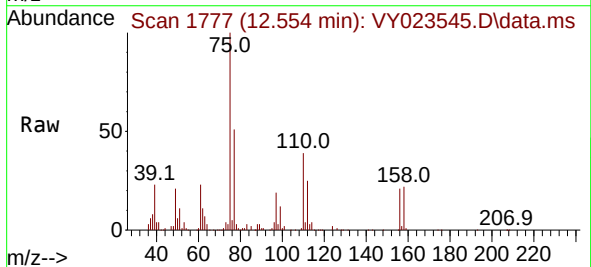
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

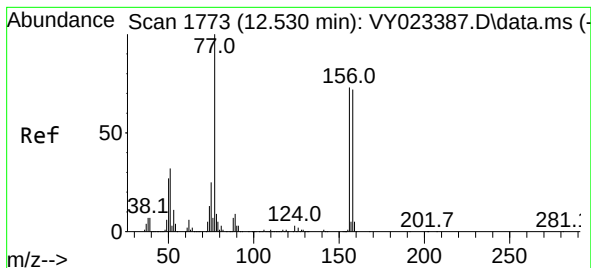
Tgt Ion: 83 Resp: 75537
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.9 17.6
 85 65.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 33.114 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion: 75 Resp: 106719
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.307 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

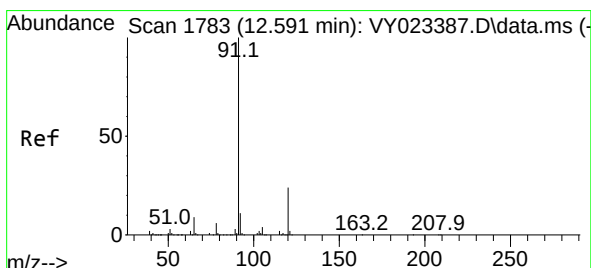
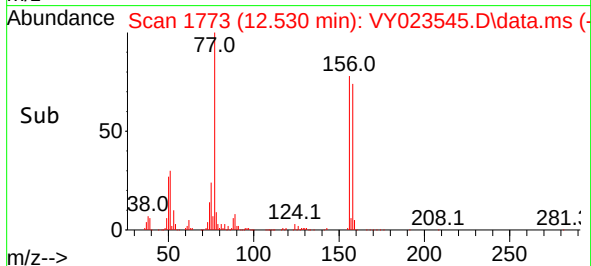
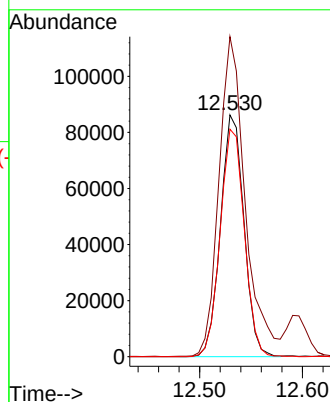
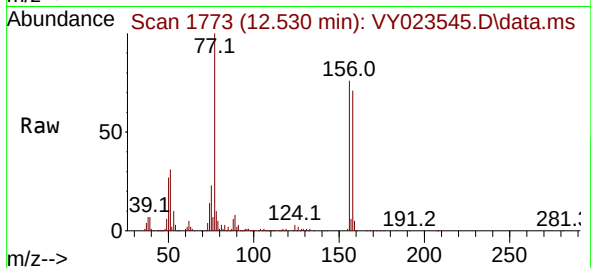
Tgt Ion:156 Resp: 136360

Ion Ratio Lower Upper

156 100

77 149.0 76.8 230.5

158 96.9 49.0 147.2



#78

n-propylbenzene

Concen: 21.651 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023545.D

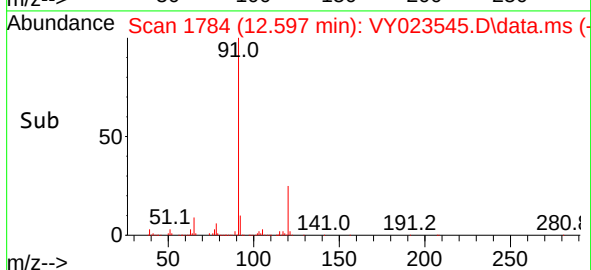
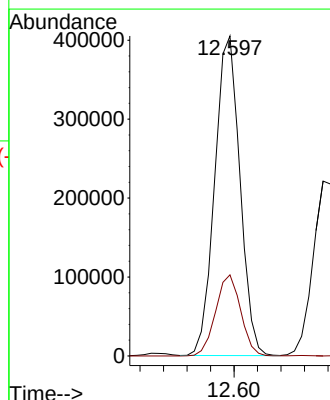
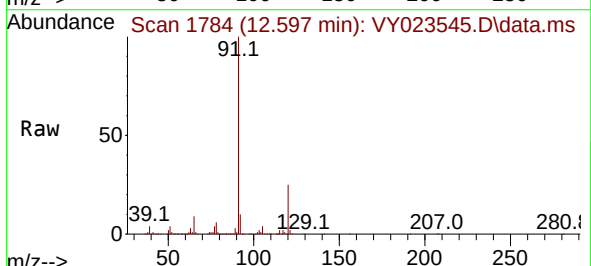
Acq: 22 Oct 2025 10:28

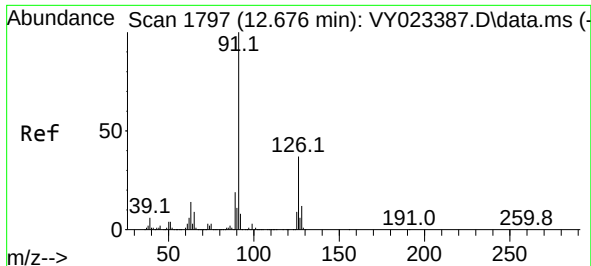
Tgt Ion: 91 Resp: 603121

Ion Ratio Lower Upper

91 100

120 25.2 12.3 36.8

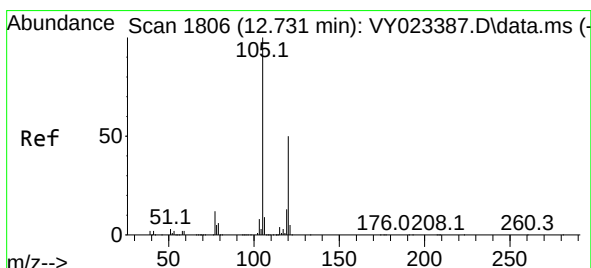
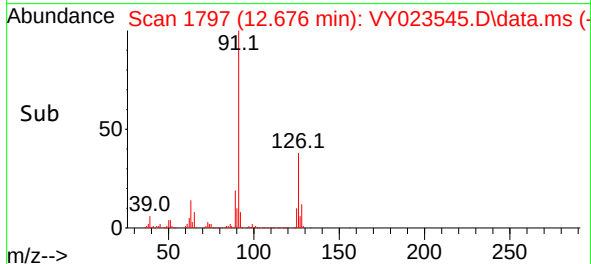
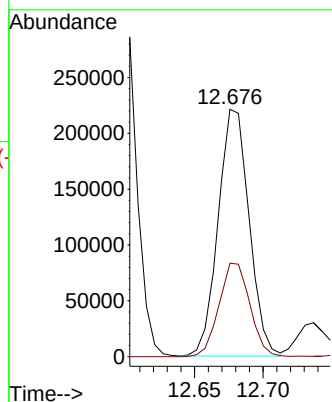
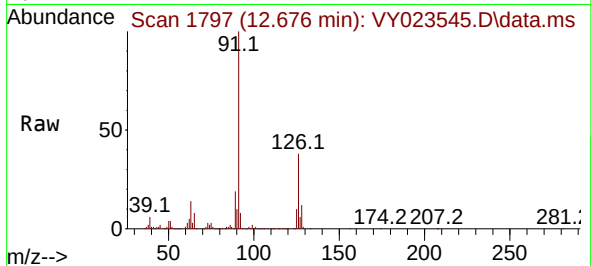




#79
2-Chlorotoluene
Concen: 21.335 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

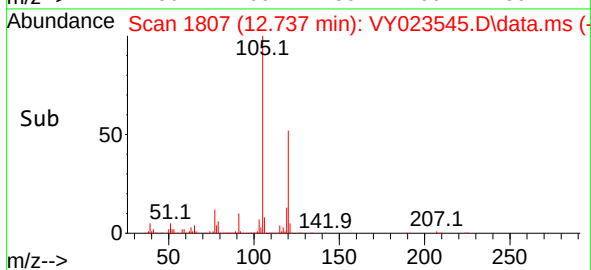
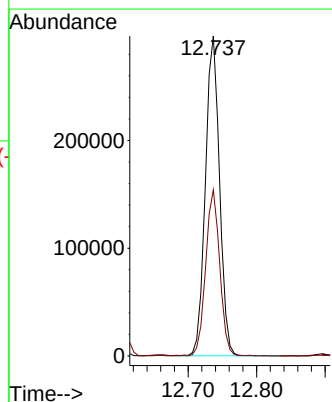
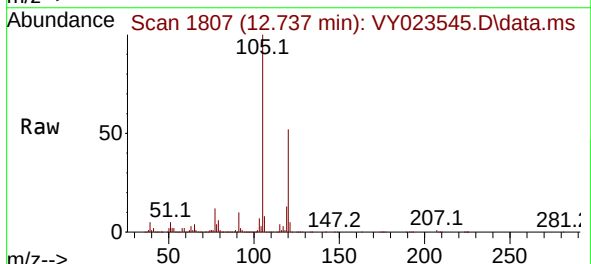
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

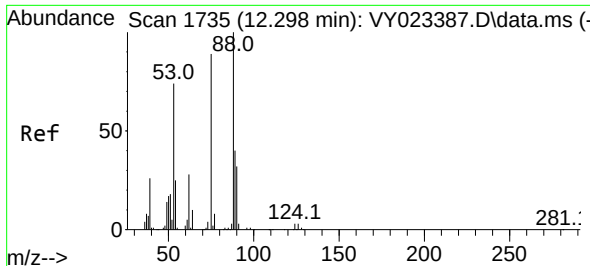
Tgt Ion: 91 Resp: 348031
Ion Ratio Lower Upper
91 100
126 37.8 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.935 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 105 Resp: 426677
Ion Ratio Lower Upper
105 100
120 51.8 25.4 76.4

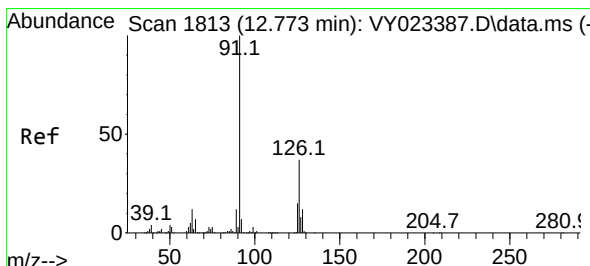
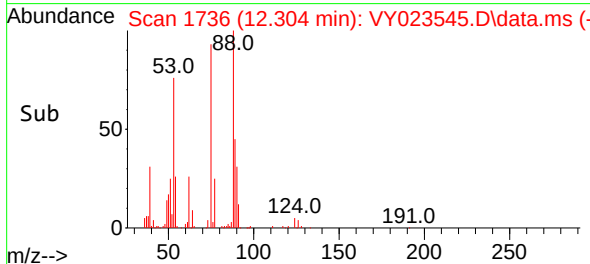
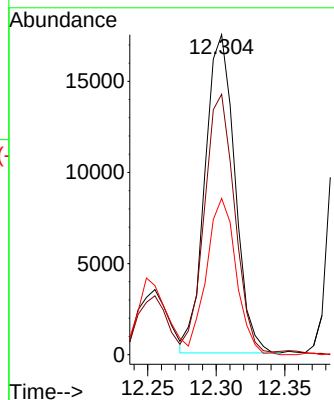
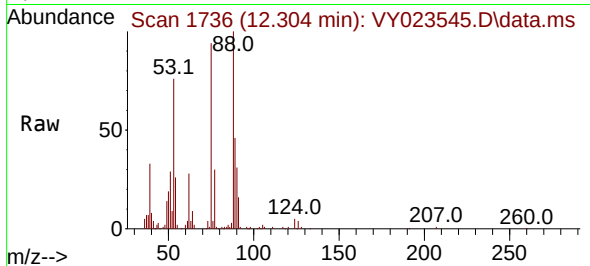




#81
trans-1,4-Dichloro-2-butene
Concen: 20.178 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

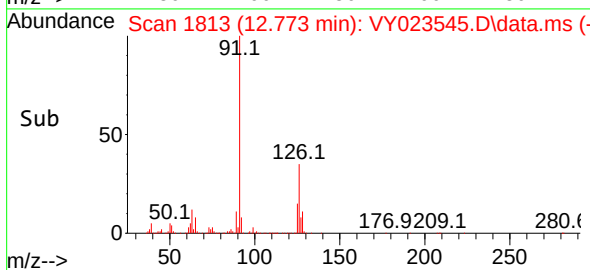
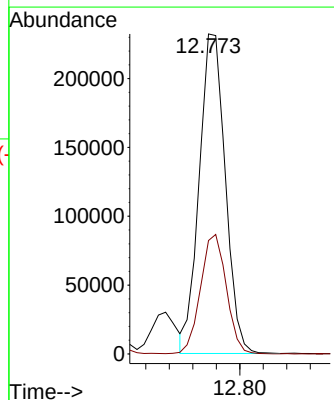
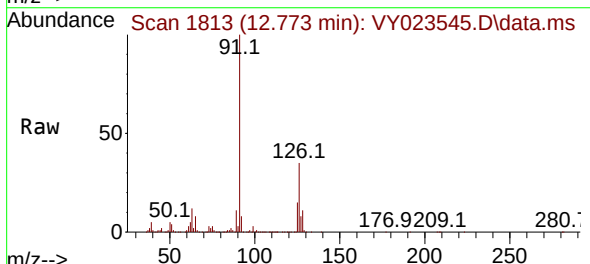
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

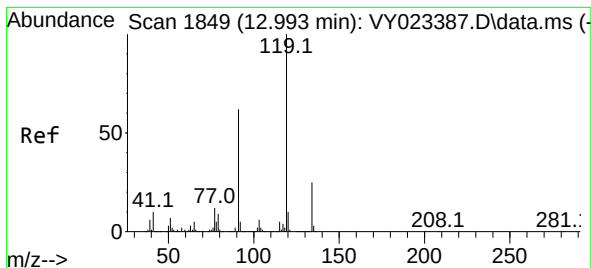
Tgt Ion: 75 Resp: 26519
Ion Ratio Lower Upper
75 100
53 81.9 68.6 102.8
89 48.4 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.322 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion: 91 Resp: 358213
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.4





#83

tert-Butylbenzene

Concen: 21.889 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

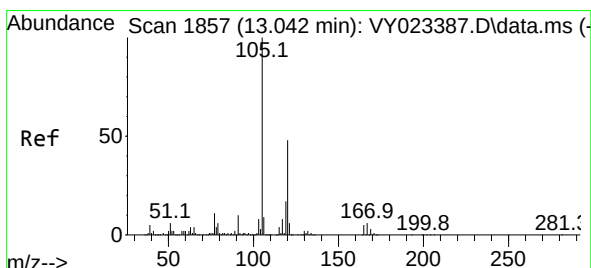
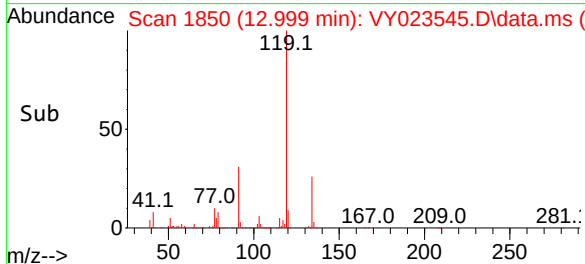
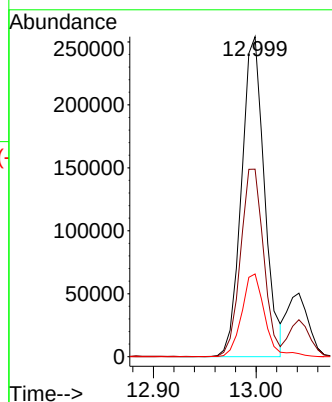
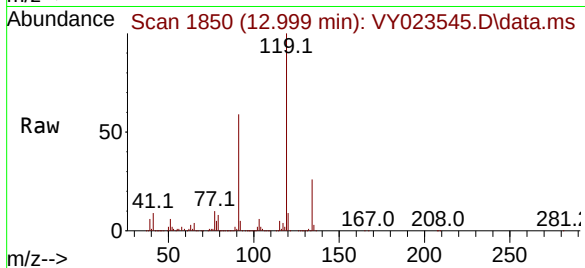
Tgt Ion:119 Resp: 393129

Ion Ratio Lower Upper

119 100

91 59.2 29.9 89.8

134 26.1 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.648 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023545.D

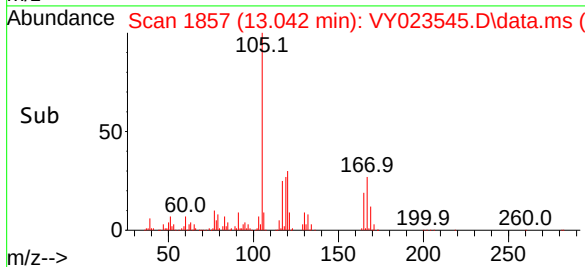
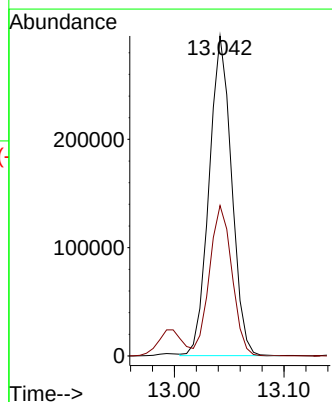
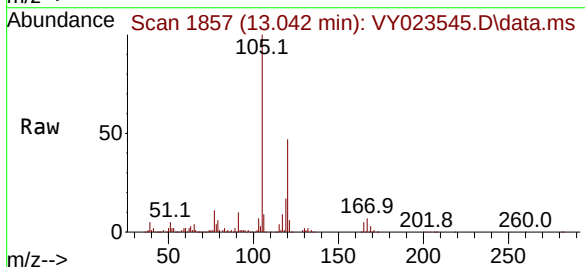
Acq: 22 Oct 2025 10:28

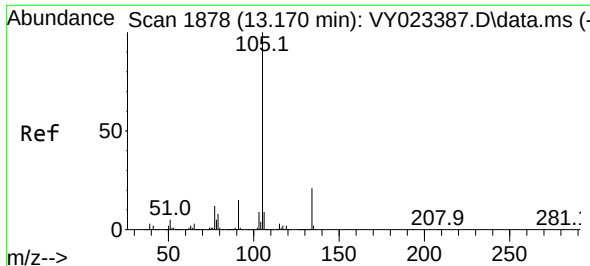
Tgt Ion:105 Resp: 420267

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.2

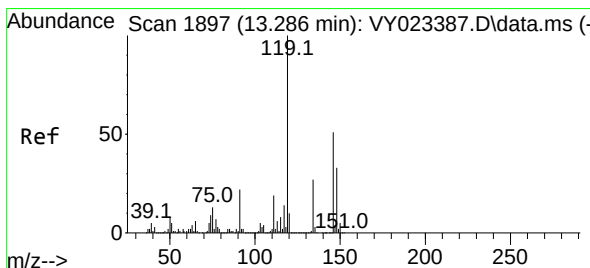
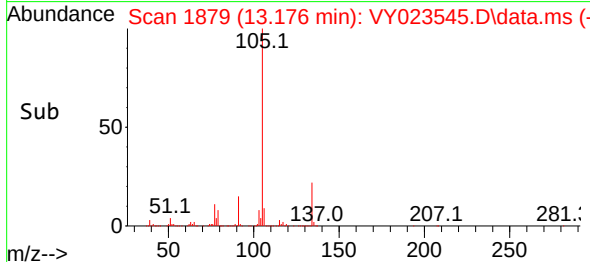
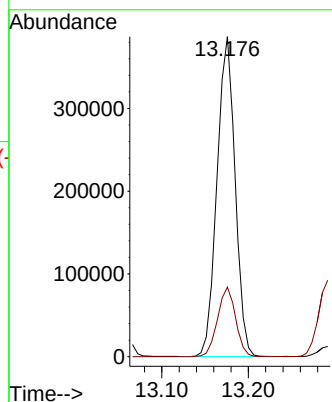
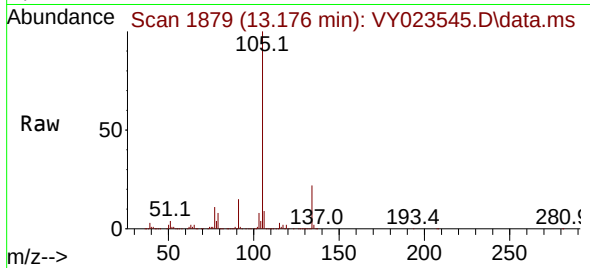




#85
 sec-Butylbenzene
 Concen: 21.804 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

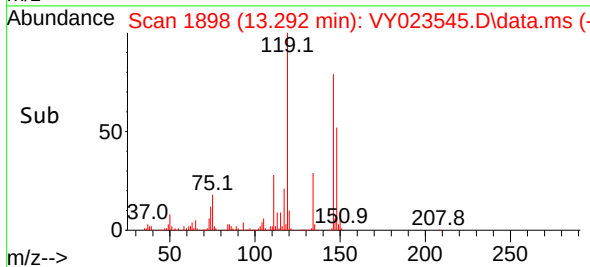
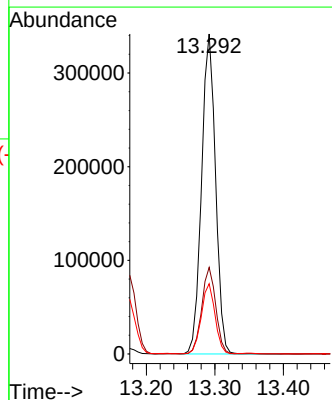
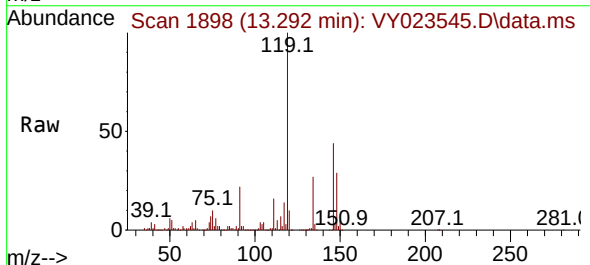
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

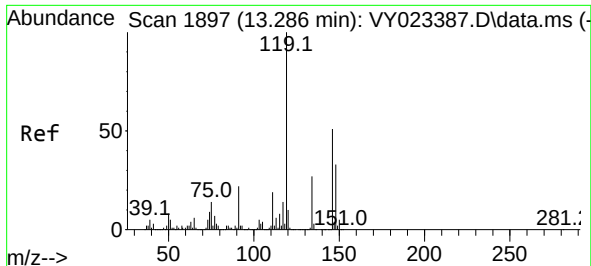
Tgt Ion:105 Resp: 561763
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 22.116 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion:119 Resp: 485141
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.5 10.9 32.9

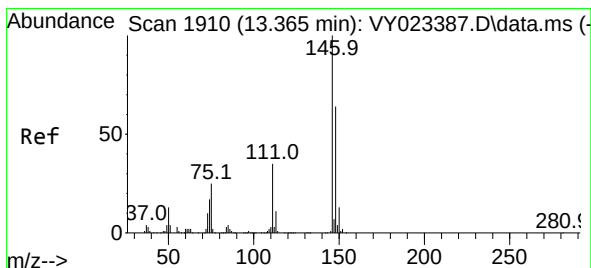
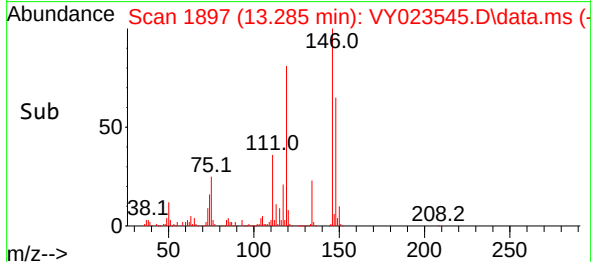
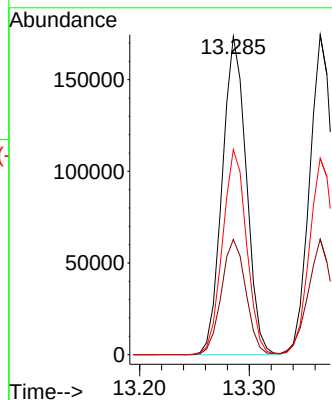
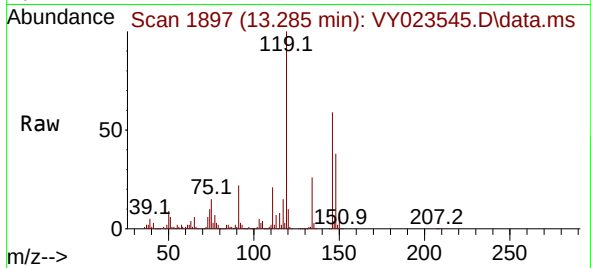




#87
1,3-Dichlorobenzene
Concen: 21.270 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

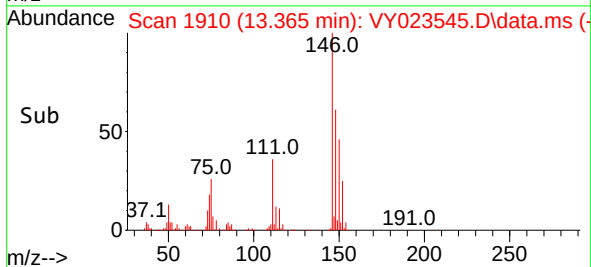
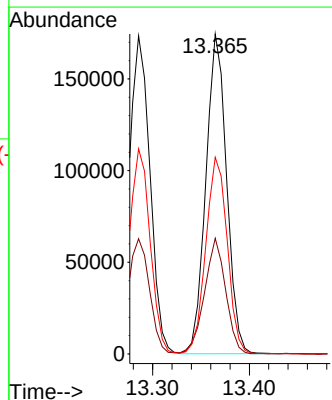
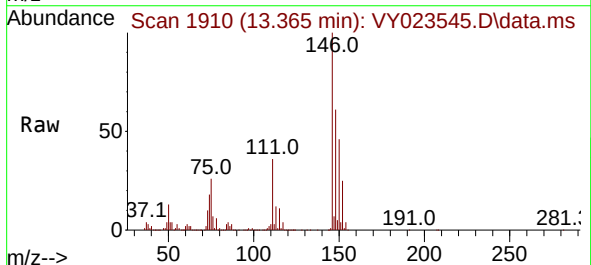
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

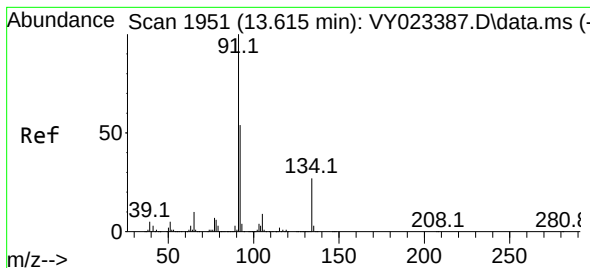
Tgt Ion:146 Resp: 265067
Ion Ratio Lower Upper
146 100
111 36.7 18.7 56.1
148 64.2 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 21.147 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023545.D
Acq: 22 Oct 2025 10:28

Tgt Ion:146 Resp: 260280
Ion Ratio Lower Upper
146 100
111 36.9 18.0 54.0
148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 21.317 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

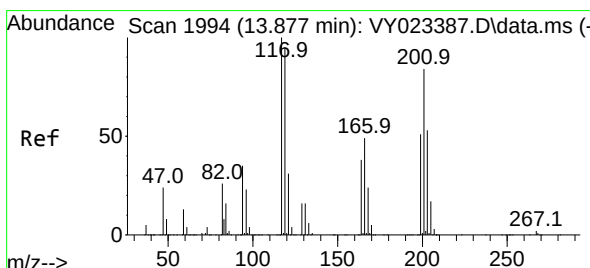
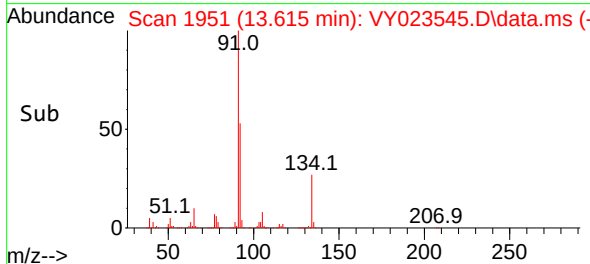
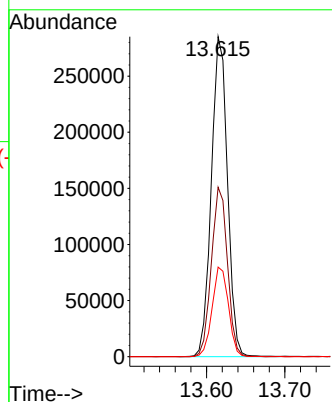
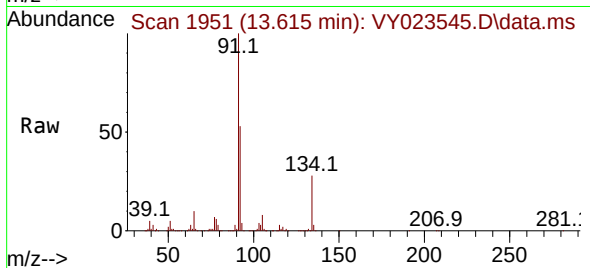
Tgt Ion: 91 Resp: 407439

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

134 28.3 14.1 42.2



#90

Hexachloroethane

Concen: 21.199 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023545.D

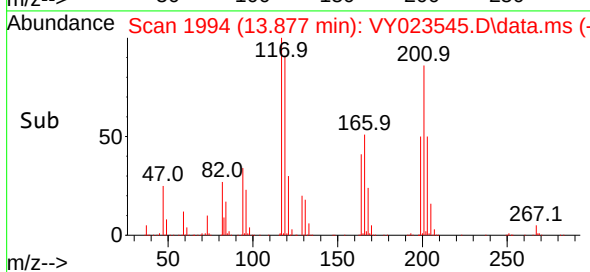
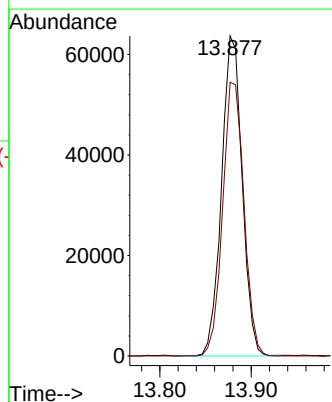
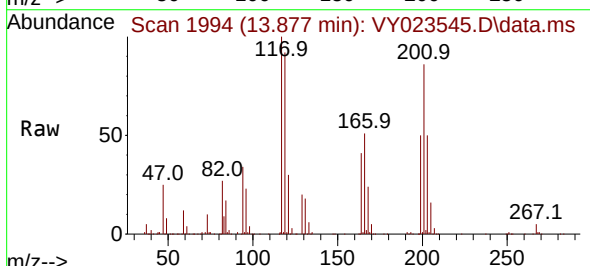
Acq: 22 Oct 2025 10:28

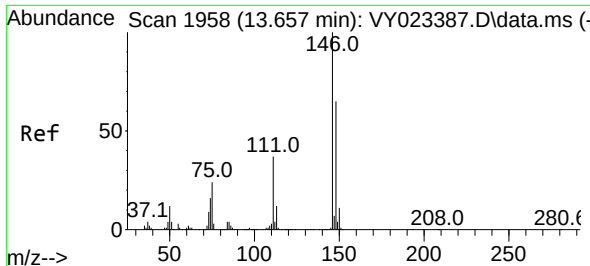
Tgt Ion: 117 Resp: 100017

Ion Ratio Lower Upper

117 100

201 88.2 43.8 131.4

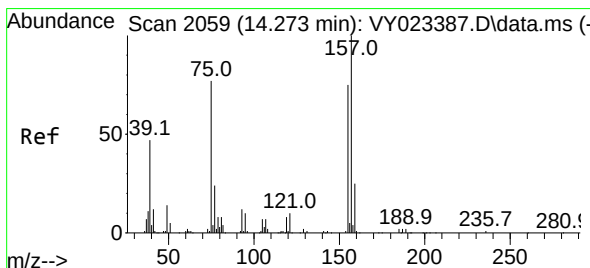
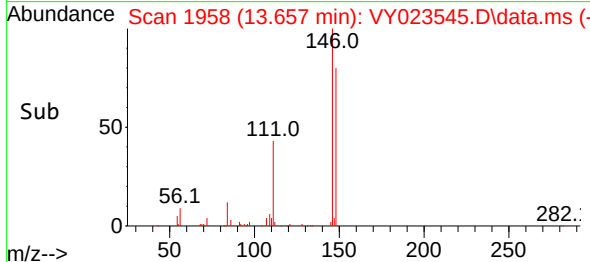
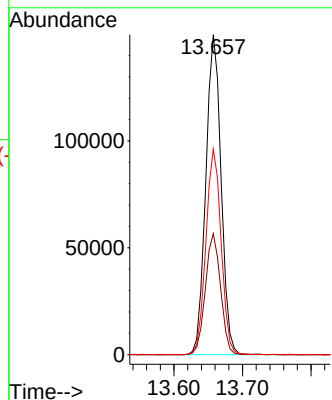
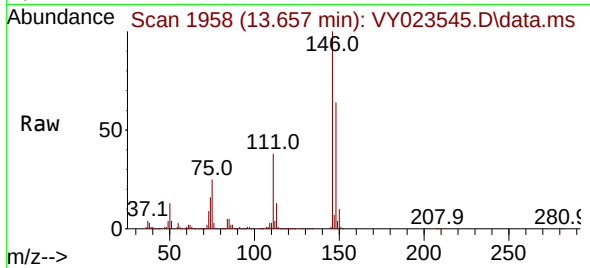




#91
 1,2-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

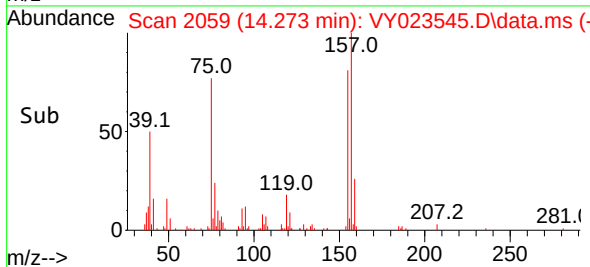
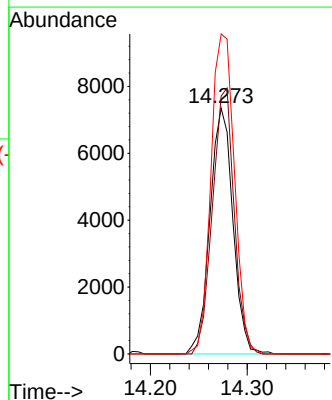
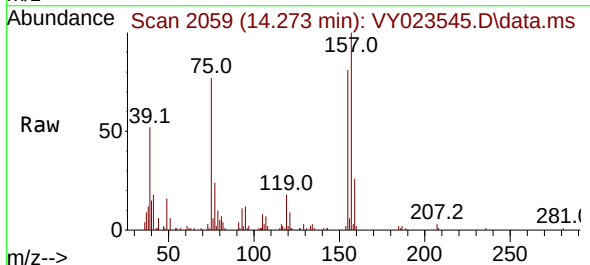
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

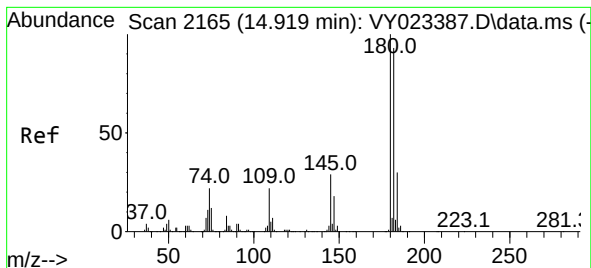
Tgt Ion:146 Resp: 232327
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.756 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023545.D
 Acq: 22 Oct 2025 10:28

Tgt Ion: 75 Resp: 12117
 Ion Ratio Lower Upper
 75 100
 155 102.3 50.0 150.0
 157 132.5 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.394 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

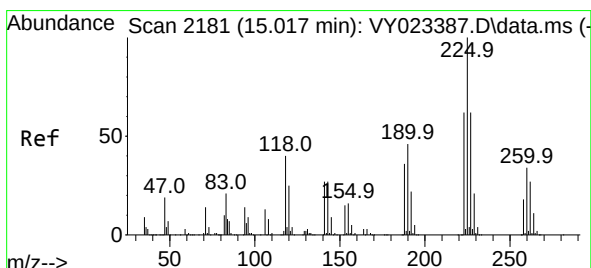
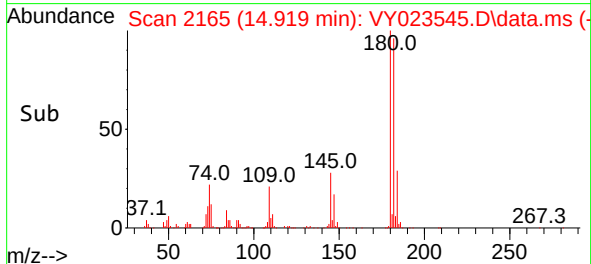
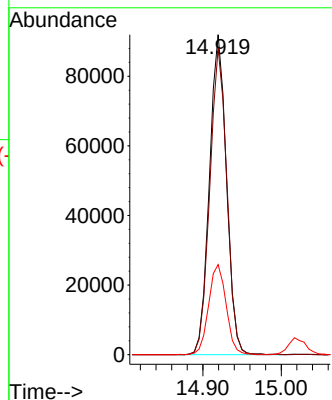
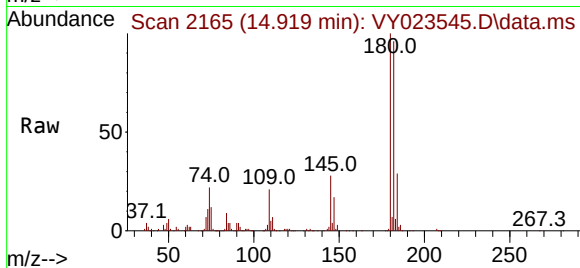
Tgt Ion:180 Resp: 138915

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 28.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.897 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

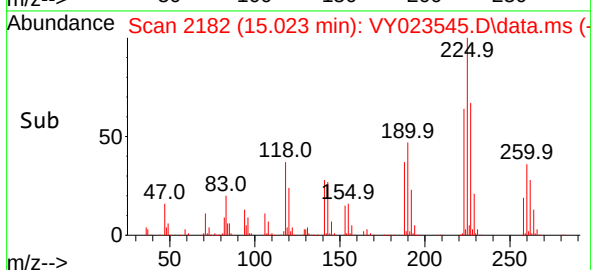
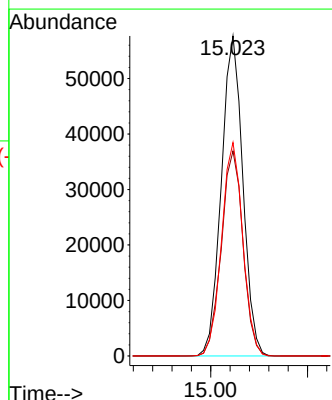
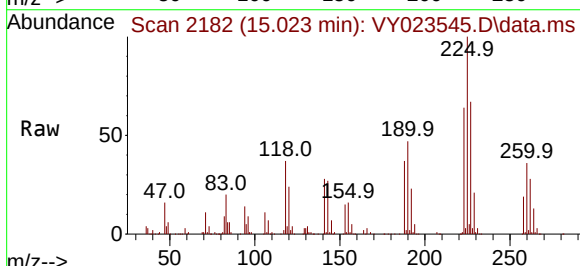
Tgt Ion:225 Resp: 88730

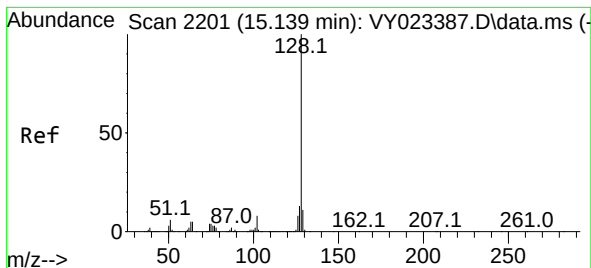
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 66.0 31.9 95.7





#95

Naphthalene

Concen: 18.822 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

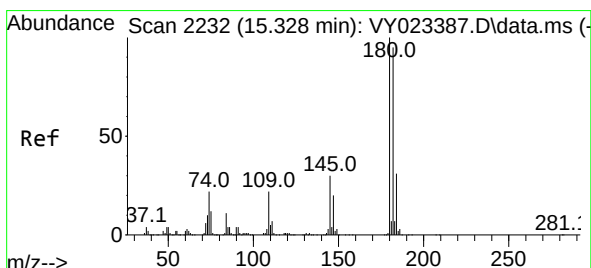
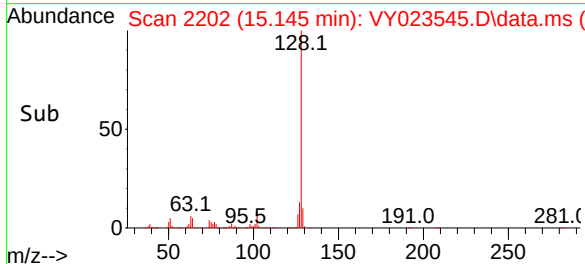
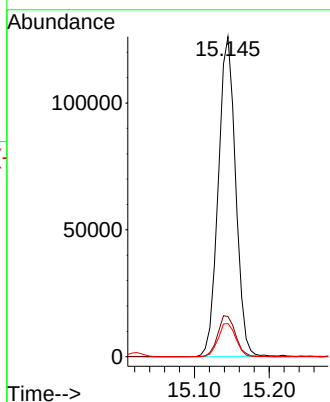
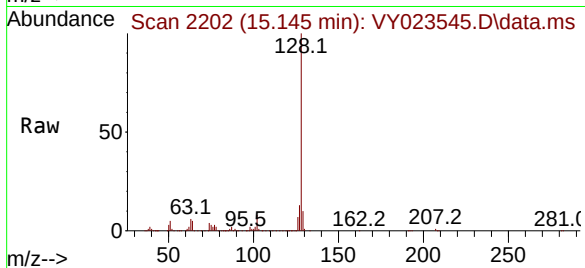
Tgt Ion:128 Resp: 204152

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.751 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023545.D

Acq: 22 Oct 2025 10:28

Tgt Ion:180 Resp: 116532

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 30.1 15.3 45.9

