

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101425\
 Data File : VY023459.D
 Acq On : 14 Oct 2025 12:49
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Quant Time: Oct 15 03:28:21 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	517858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	759118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	662146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	200056	46.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.400%
35) Dibromofluoromethane	7.640	113	229270	49.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	856206	49.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.408	95	268010	46.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78318	21.011	ug/l	98
3) Chloromethane	2.074	50	103193	20.322	ug/l	97
4) Vinyl Chloride	2.208	62	133235	20.145	ug/l	100
5) Bromomethane	2.598	94	114719	20.669	ug/l	97
6) Chloroethane	2.739	64	92706	20.563	ug/l	99
7) Trichlorofluoromethane	3.062	101	183953	20.032	ug/l	98
8) Diethyl Ether	3.458	74	44899	18.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	98755	20.724	ug/l	99
10) Methyl Iodide	4.013	142	107242	20.215	ug/l	99
11) Tert butyl alcohol	4.854	59	25679	79.710	ug/l	98
12) 1,1-Dichloroethene	3.799	96	91657	19.842	ug/l	98
13) Acrolein	3.659	56	30296	66.553	ug/l	100
14) Allyl chloride	4.385	41	108734	19.314	ug/l	97
15) Acrylonitrile	5.061	53	81275	88.505	ug/l	100
16) Acetone	3.866	43	121300	117.660	ug/l	99
17) Carbon Disulfide	4.110	76	268877	20.337	ug/l	99
18) Methyl Acetate	4.391	43	42349	15.660	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	199016	17.925	ug/l	97
20) Methylene Chloride	4.622	84	108519	19.466	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	104310	20.510	ug/l	98
22) Diisopropyl ether	6.031	45	247705	19.891	ug/l	97
23) Vinyl Acetate	5.964	43	630348	93.517	ug/l	99
24) 1,1-Dichloroethane	5.921	63	171213	20.756	ug/l	99
25) 2-Butanone	6.896	43	124515	98.931	ug/l	94
26) 2,2-Dichloropropane	6.890	77	157418	20.797	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	119003	20.257	ug/l	99
28) Bromochloromethane	7.250	49	63641	20.666	ug/l	99
29) Tetrahydrofuran	7.268	42	58790	82.372	ug/l	99
30) Chloroform	7.427	83	190324	21.000	ug/l	99
31) Cyclohexane	7.707	56	135945	18.872	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	172371	20.929	ug/l	100
36) 1,1-Dichloropropene	7.841	75	126310	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	44361	18.133	ug/l	97
38) Carbon Tetrachloride	7.823	117	157808	21.075	ug/l	98
39) Methylcyclohexane	9.109	83	152615	18.981	ug/l	97
40) Benzene	8.085	78	407431	20.834	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22459	16.974	ug/l	95
42) 1,2-Dichloroethane	8.164	62	99914	19.810	ug/l	100
43) Isopropyl Acetate	8.201	43	83017	17.018	ug/l	99
44) Trichloroethene	8.866	130	116408	20.337	ug/l	100
45) 1,2-Dichloropropane	9.146	63	88036	20.381	ug/l	97
46) Dibromomethane	9.231	93	53570	19.613	ug/l	98
47) Bromodichloromethane	9.426	83	142117	20.659	ug/l	98
48) Methyl methacrylate	9.225	41	39390	17.188	ug/l	97
49) 1,4-Dioxane	9.231	88	10866	343.120	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	213668	84.774	ug/l	98
52) Toluene	10.170	92	265219	20.887	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	114994	19.225	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	141658	20.066	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	72278	19.678	ug/l	94
56) Ethyl methacrylate	10.438	69	72999	17.229	ug/l	98
57) 1,3-Dichloropropane	10.719	76	113725	19.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163038	85.900	ug/l	99
59) 2-Hexanone	10.762	43	166759	92.582	ug/l	100
60) Dibromochloromethane	10.914	129	103837	20.164	ug/l	99
61) 1,2-Dibromoethane	11.018	107	68920	19.675	ug/l	96
64) Tetrachloroethene	10.646	164	140307	20.522	ug/l	97
65) Chlorobenzene	11.444	112	295383	20.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106581	20.768	ug/l	100
67) Ethyl Benzene	11.518	91	469622	20.146	ug/l	100
68) m/p-Xylenes	11.627	106	383041	40.966	ug/l	99
69) o-Xylene	11.956	106	175260	19.984	ug/l	100
70) Styrene	11.969	104	295645	20.499	ug/l	100
71) Bromoform	12.133	173	61868	19.435	ug/l #	99
73) Isopropylbenzene	12.255	105	459589	20.230	ug/l	99
74) N-amyl acetate	12.072	43	68107	16.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	69130	18.604	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	91789	30.179	ug/l #	100
77) Bromobenzene	12.530	156	120331	19.923	ug/l	99
78) n-propylbenzene	12.597	91	540264	20.550	ug/l	100
79) 2-Chlorotoluene	12.682	91	311862	20.257	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	379470	20.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22978	18.526	ug/l	97
82) 4-Chlorotoluene	12.779	91	325484	20.528	ug/l	100
83) tert-Butylbenzene	12.999	119	337311	19.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	377183	20.587	ug/l	99
85) sec-Butylbenzene	13.176	105	495374	20.373	ug/l	100
86) p-Isopropyltoluene	13.292	119	420809	20.327	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	237294	20.176	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	230573	19.850	ug/l	98
89) n-Butylbenzene	13.615	91	355030	19.681	ug/l	99
90) Hexachloroethane	13.877	117	93227	20.937	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	204984	19.879	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10581	17.355	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	116389	18.105	ug/l	99
94) Hexachlorobutadiene	15.023	225	81076	20.233	ug/l	99
95) Naphthalene	15.145	128	154485	15.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97618	17.532	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VY1014SBSD01

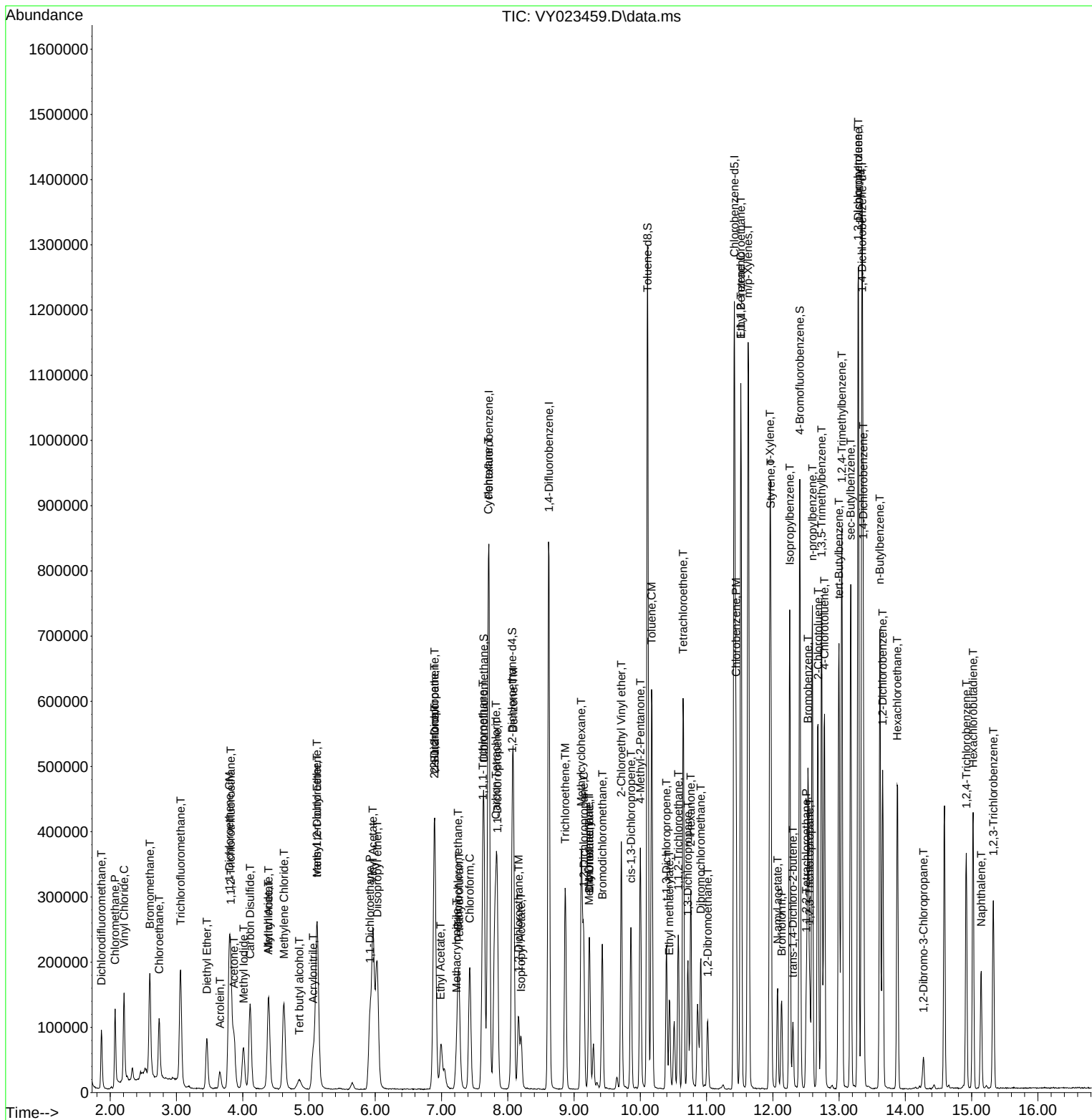
Quant Time: Oct 15 03:28:21 2025
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QLast Update : Wed Oct 08 05:12:50 2025
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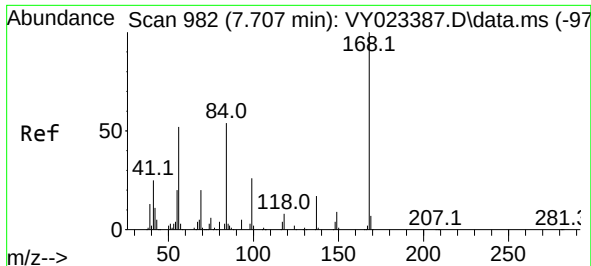
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
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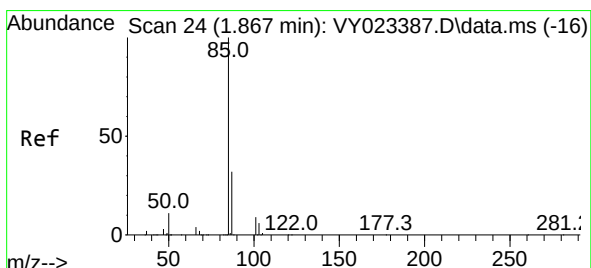
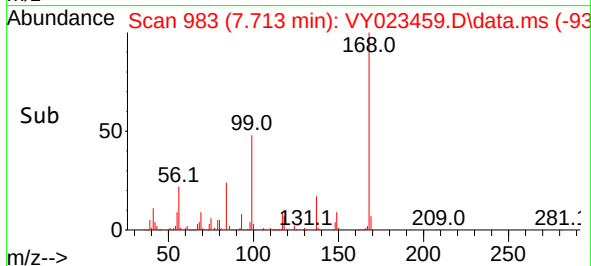
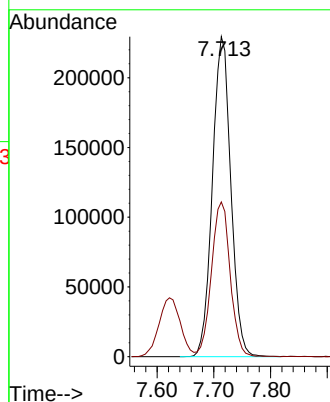
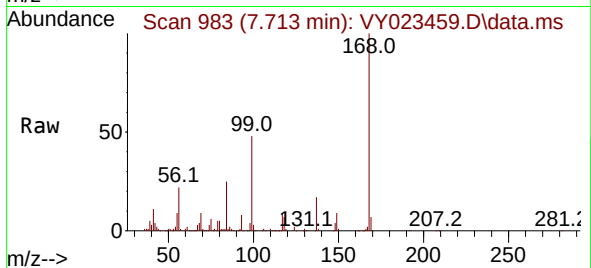




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023459.D
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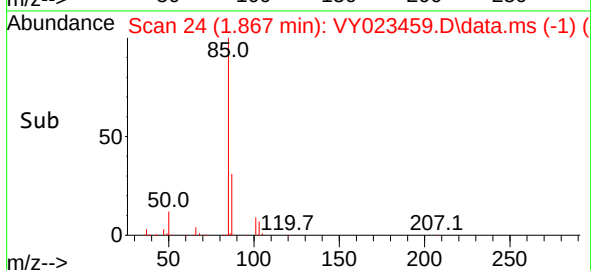
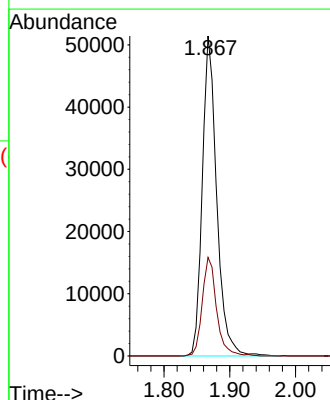
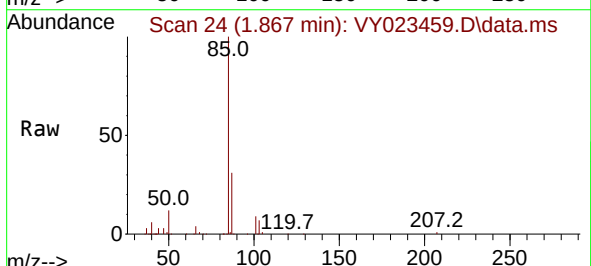
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

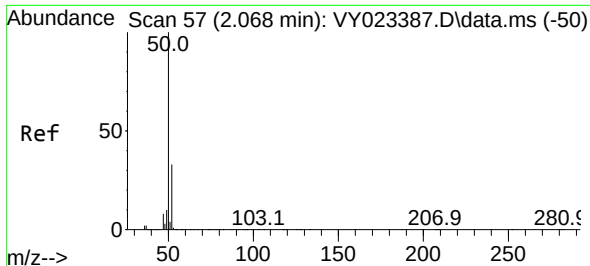
Tgt Ion:168 Resp: 517858
Ion Ratio Lower Upper
168 100
99 48.3 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.011 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 85 Resp: 78318
Ion Ratio Lower Upper
85 100
87 30.8 16.0 47.9

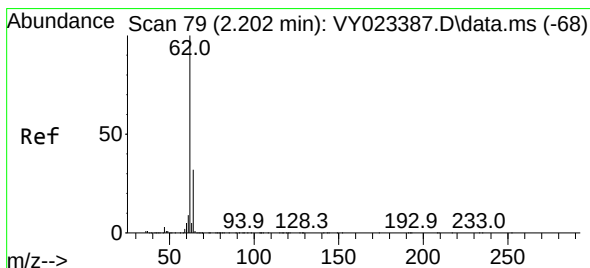
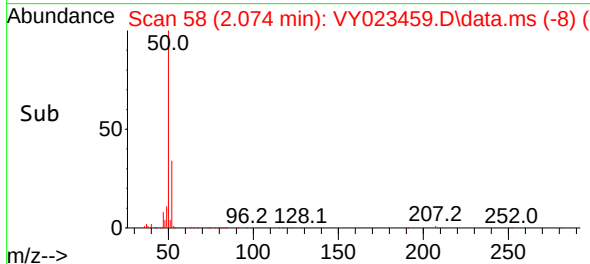
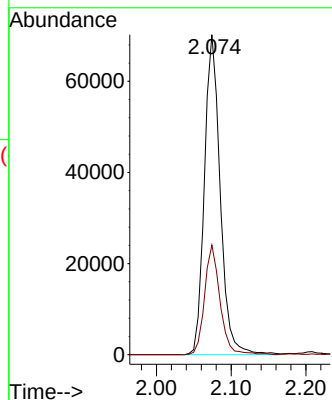
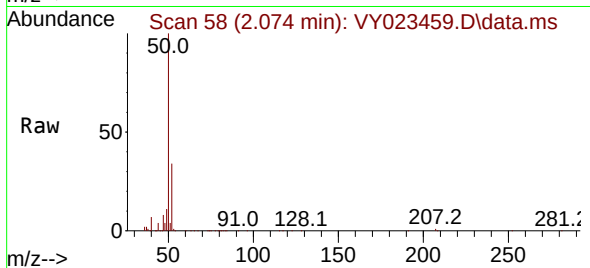




#3
Chloromethane
Concen: 20.322 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

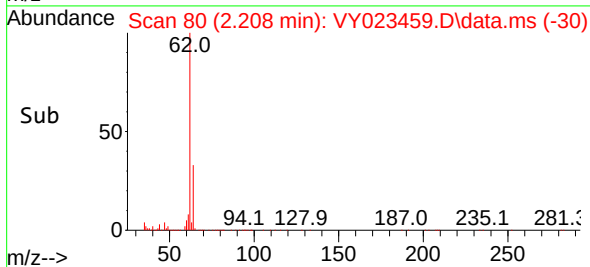
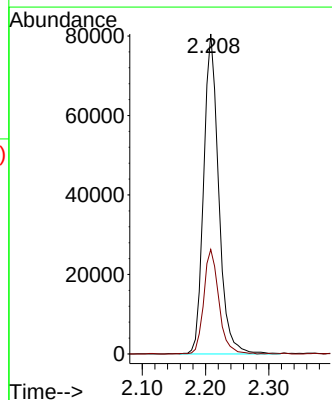
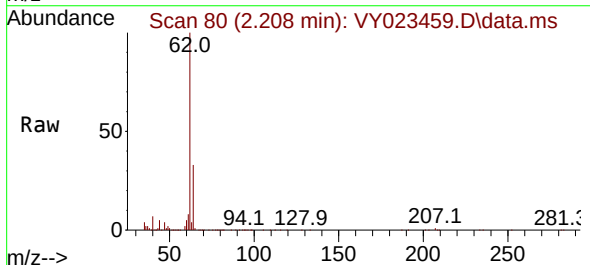
Instrument :
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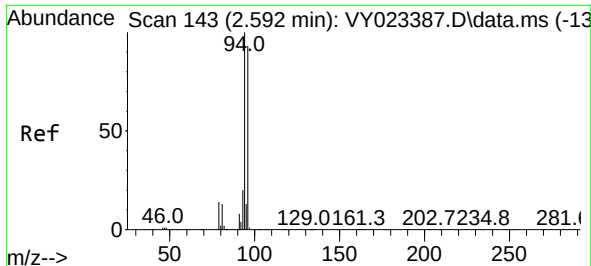
Tgt Ion: 50 Resp: 103193
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#4
Vinyl Chloride
Concen: 20.145 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 62 Resp: 133235
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

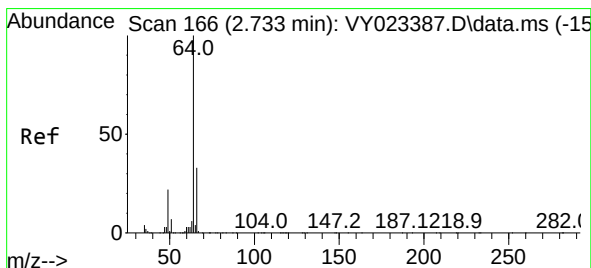
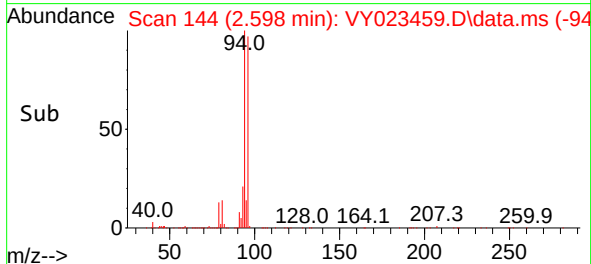
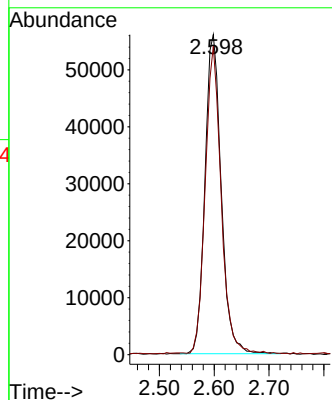
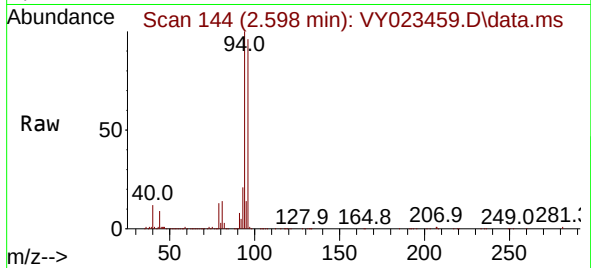




#5
Bromomethane
Concen: 20.669 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

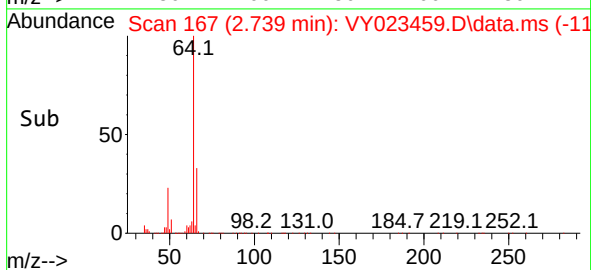
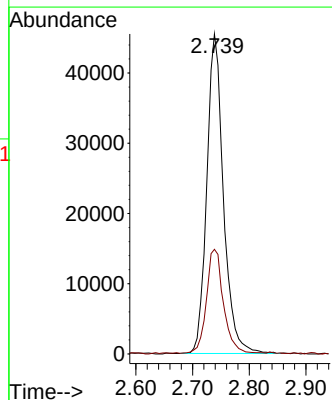
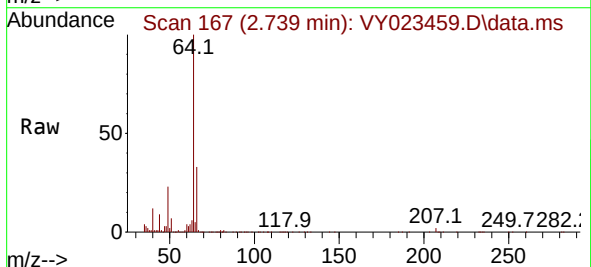
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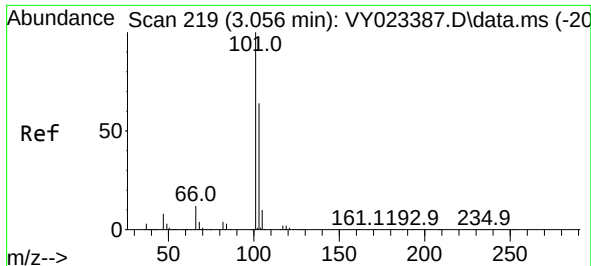
Tgt Ion: 94 Resp: 114719
Ion Ratio Lower Upper
94 100
96 96.3 74.5 111.7



#6
Chloroethane
Concen: 20.563 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 64 Resp: 92706
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

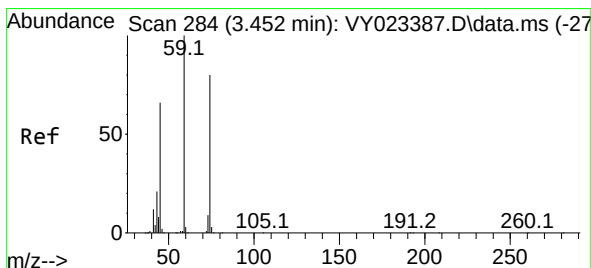
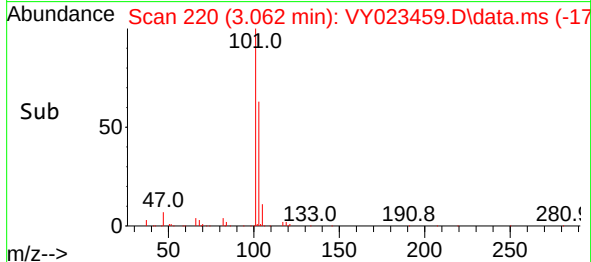
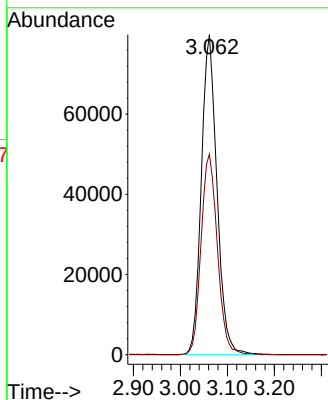
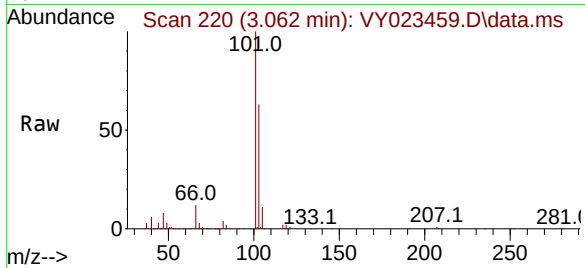




#7
 Trichlorofluoromethane
 Concen: 20.032 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

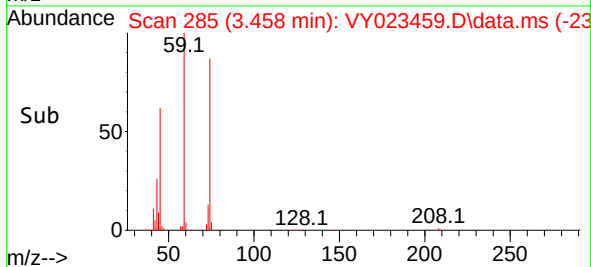
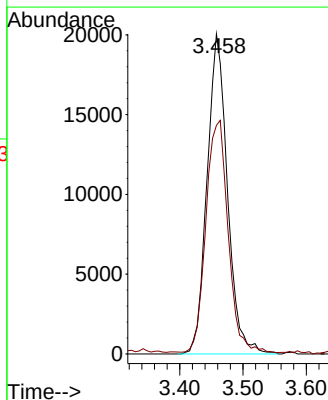
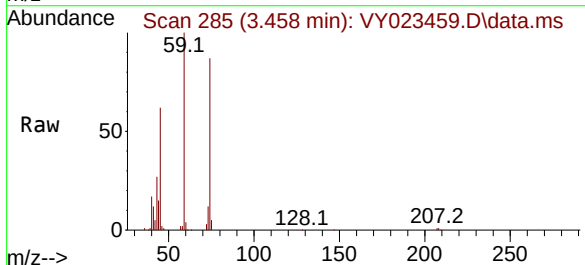
Instrument :
 MSVOA_Y
 ClientSampleId :
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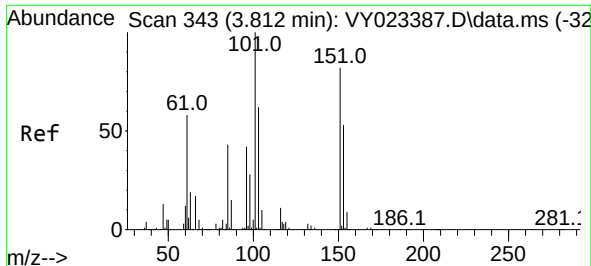
Tgt Ion:101 Resp: 183953
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.711 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023459.D
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Tgt Ion: 74 Resp: 44899
 Ion Ratio Lower Upper
 74 100
 45 78.8 39.9 119.7

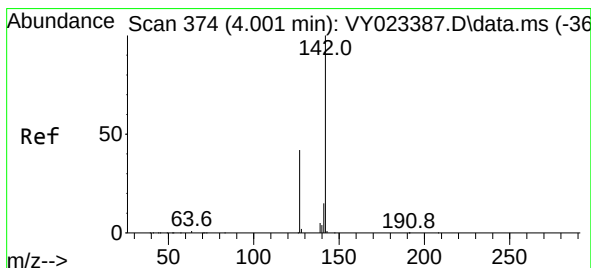
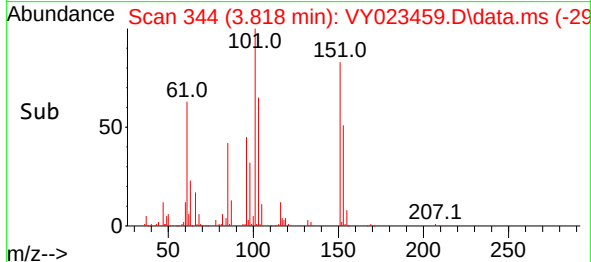
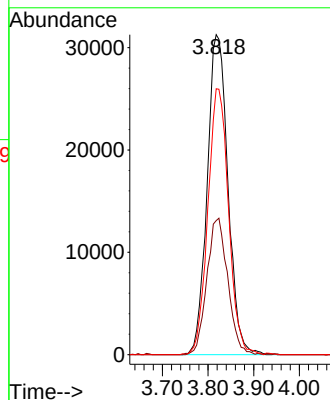
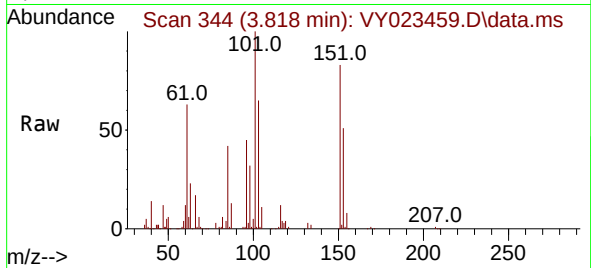




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.724 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

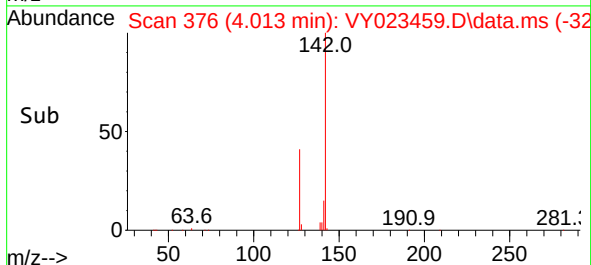
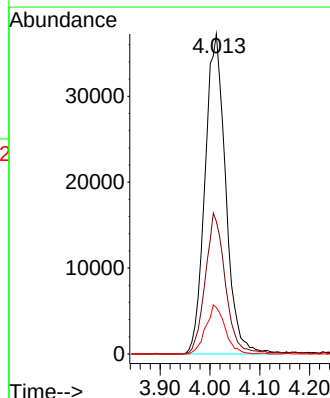
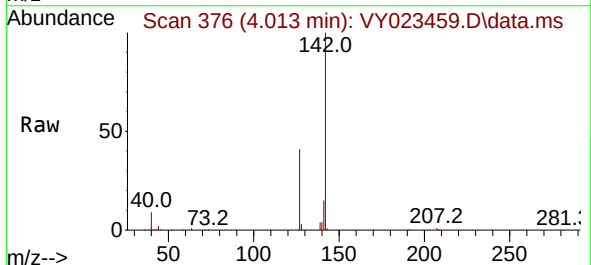
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

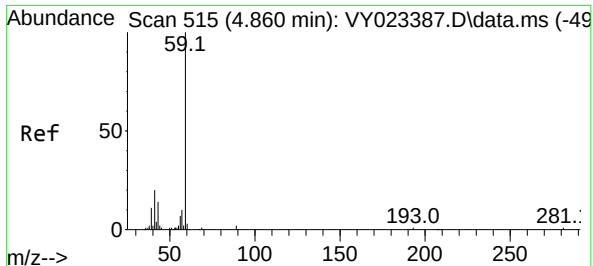
Tgt Ion:101 Resp: 98755
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 82.8 67.0 100.6



#10
Methyl Iodide
Concen: 20.215 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:142 Resp: 107242
Ion Ratio Lower Upper
142 100
127 42.7 34.8 52.2
141 14.2 11.6 17.4

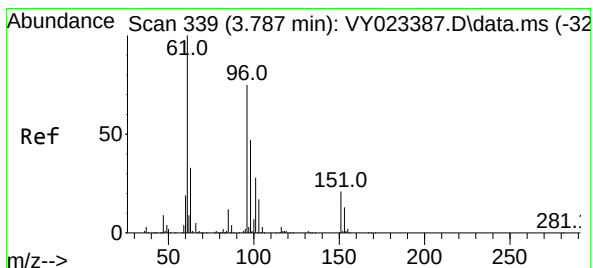
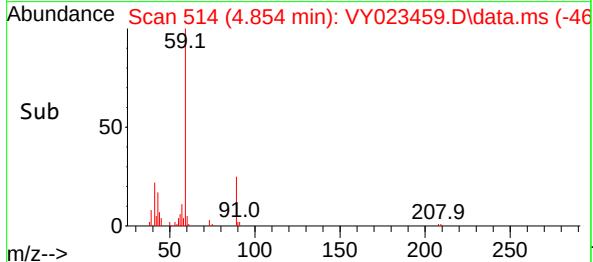
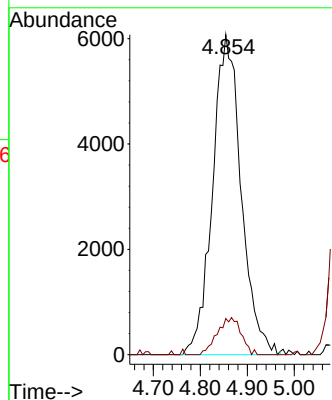
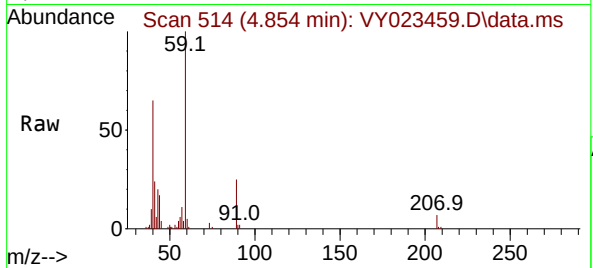




#11
Tert butyl alcohol
Concen: 79.710 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

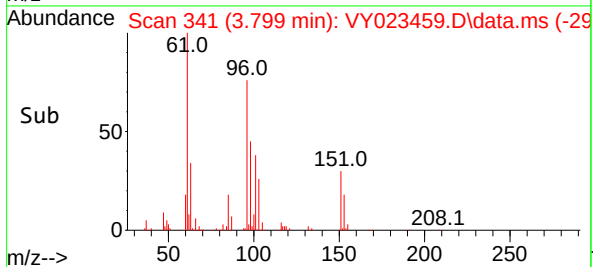
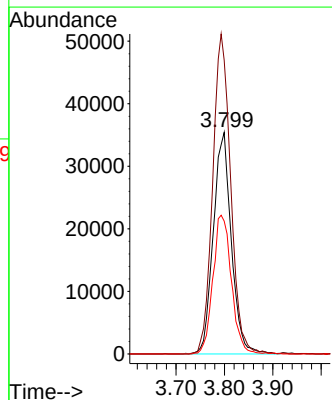
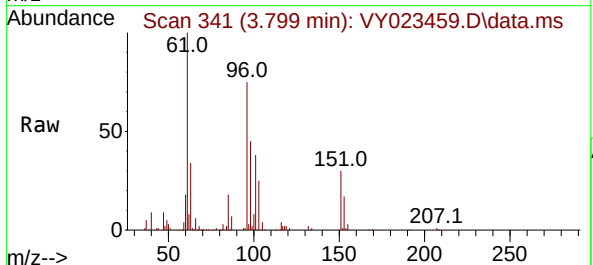
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

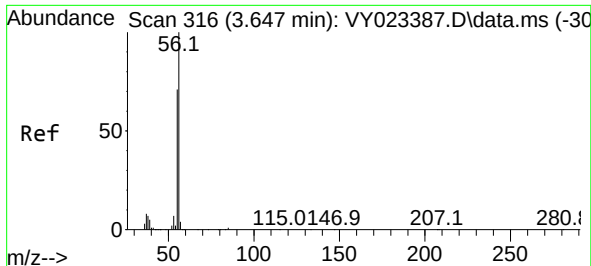
Tgt Ion: 59 Resp: 25679
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.842 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 96 Resp: 91657
Ion Ratio Lower Upper
96 100
61 132.5 106.7 160.1
98 59.9 50.2 75.4

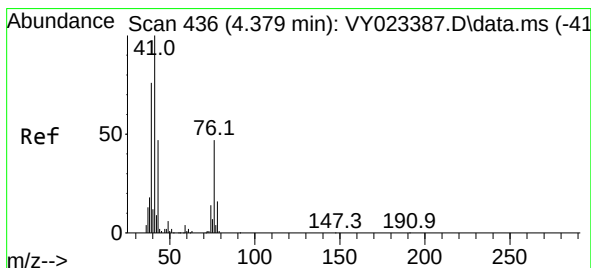
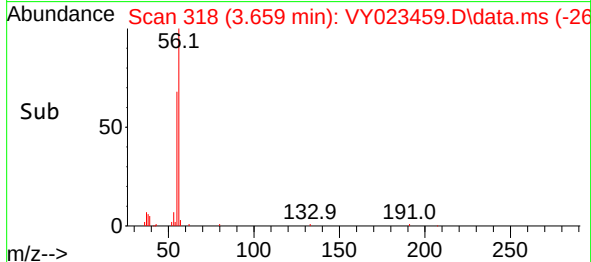
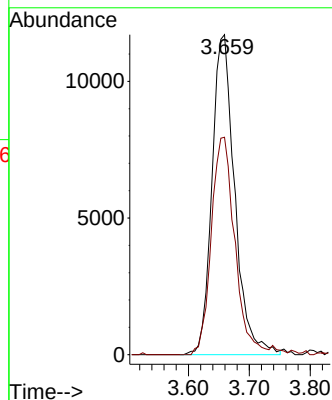
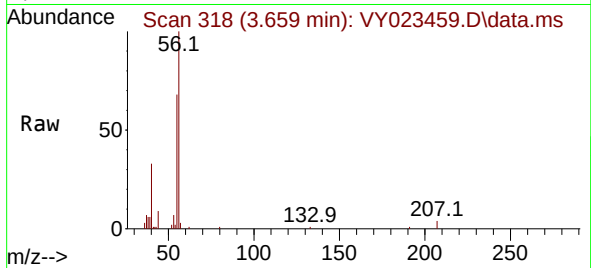




#13
Acrolein
Concen: 66.553 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

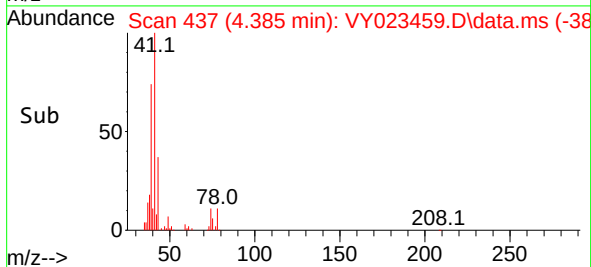
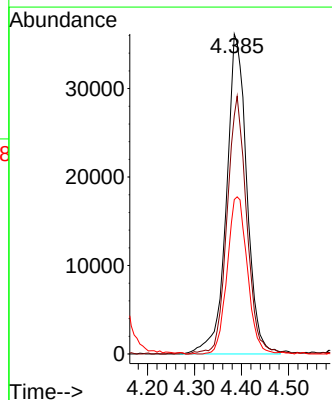
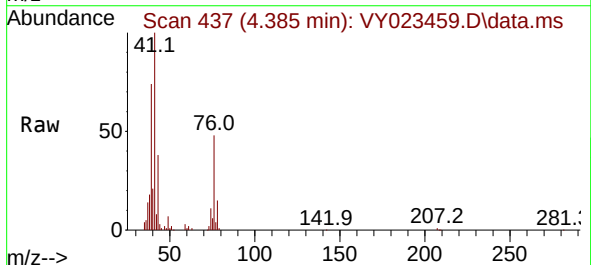
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

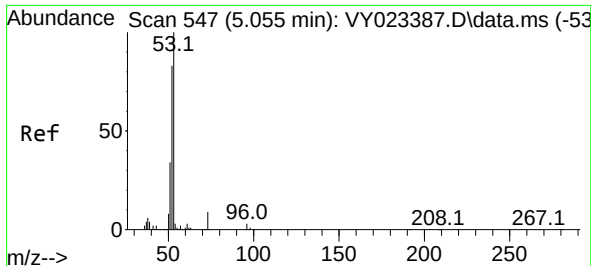
Tgt Ion: 56 Resp: 30296
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 19.314 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 41 Resp: 108734
Ion Ratio Lower Upper
41 100
39 77.6 59.9 89.9
76 48.6 38.0 57.0

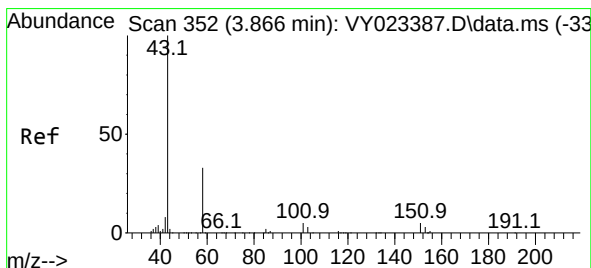
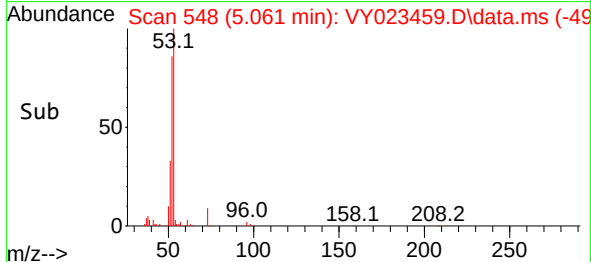
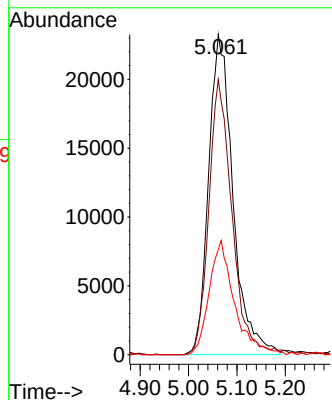
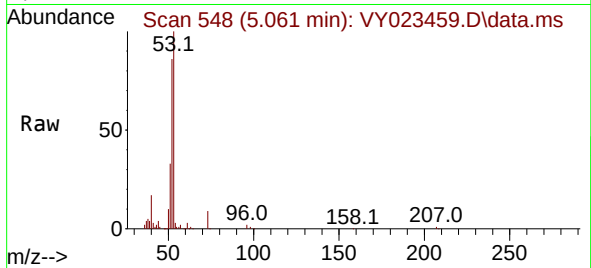




#15
Acrylonitrile
Concen: 88.505 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

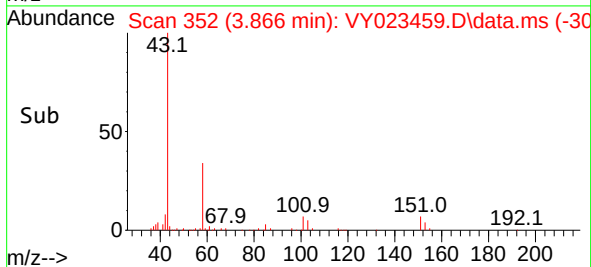
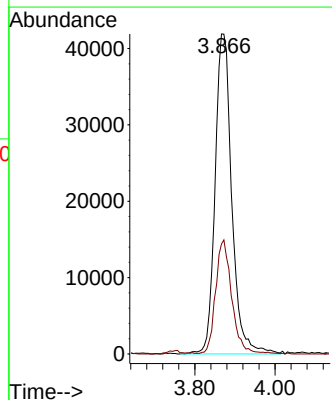
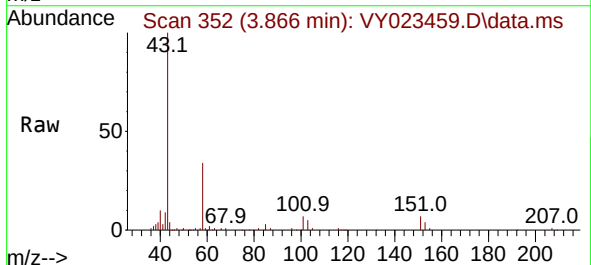
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

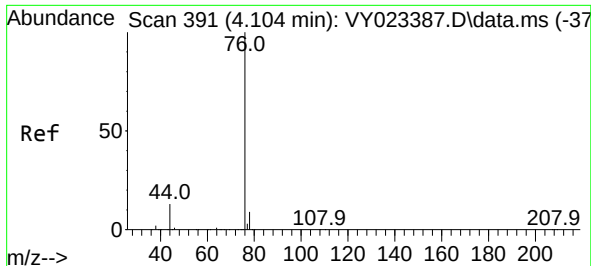
Tgt Ion: 53 Resp: 81275
Ion Ratio Lower Upper
53 100
52 81.0 64.6 97.0
51 37.0 29.5 44.3



#16
Acetone
Concen: 117.660 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 43 Resp: 121300
Ion Ratio Lower Upper
43 100
58 34.2 27.7 41.5

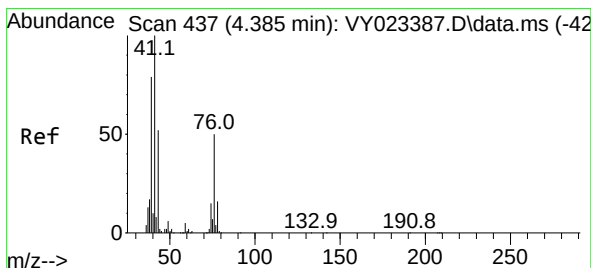
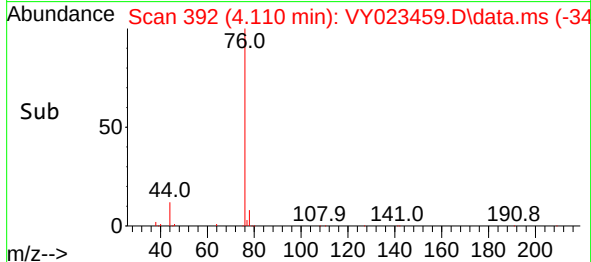
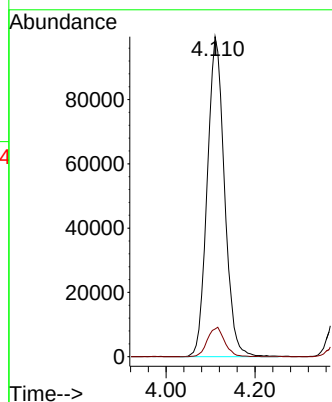
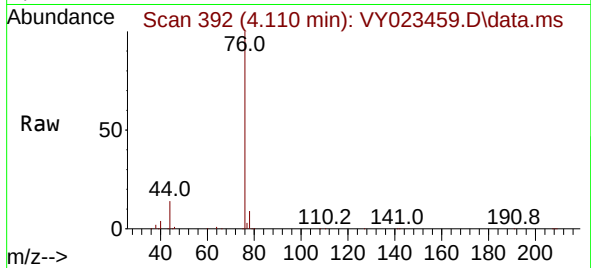




#17
Carbon Disulfide
Concen: 20.337 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

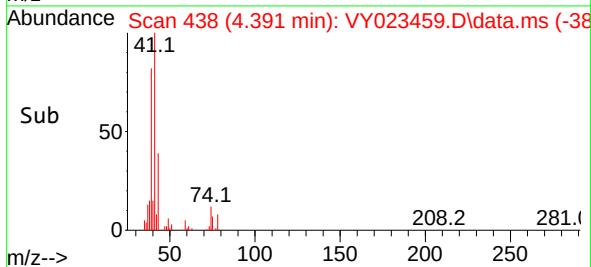
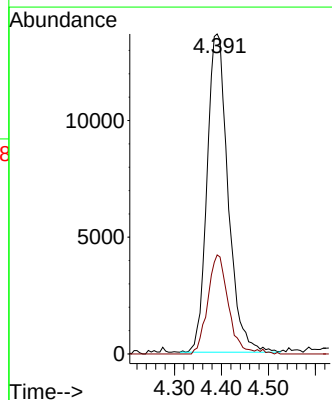
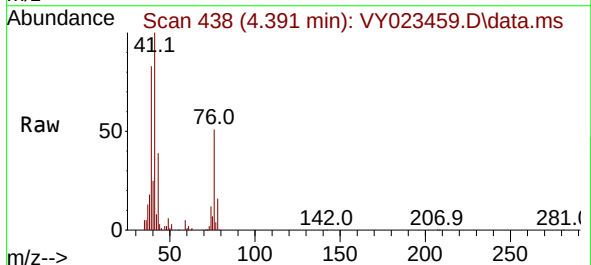
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

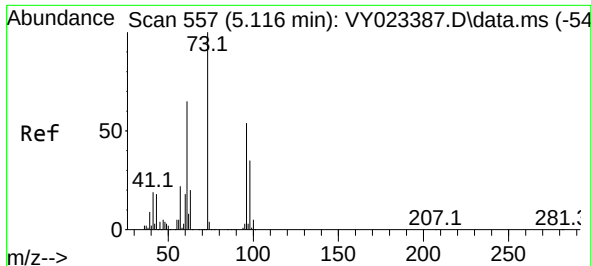
Tgt Ion: 76 Resp: 268877
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 15.660 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 43 Resp: 42349
Ion Ratio Lower Upper
43 100
74 30.2 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 17.925 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

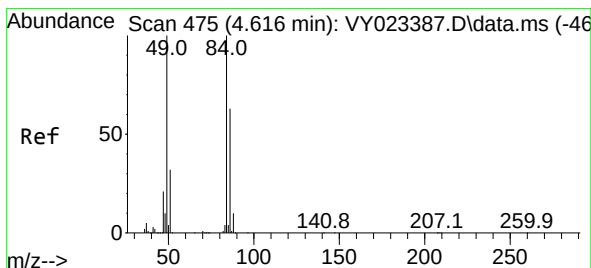
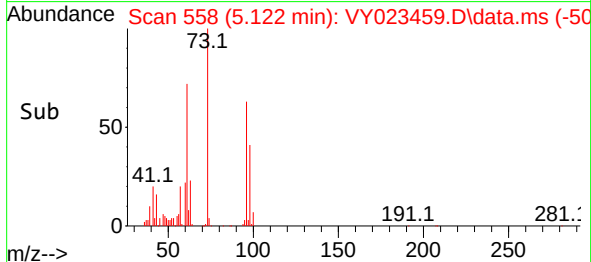
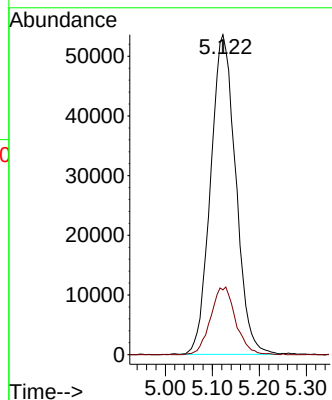
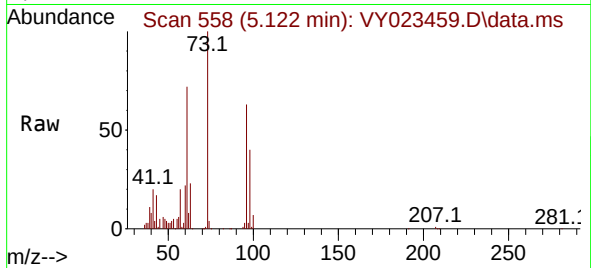
VY1014SBSD01

Tgt Ion: 73 Resp: 199016

Ion Ratio Lower Upper

73 100

57 20.3 17.4 26.0



#20

Methylene Chloride

Concen: 19.466 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Tgt Ion: 84 Resp: 108519

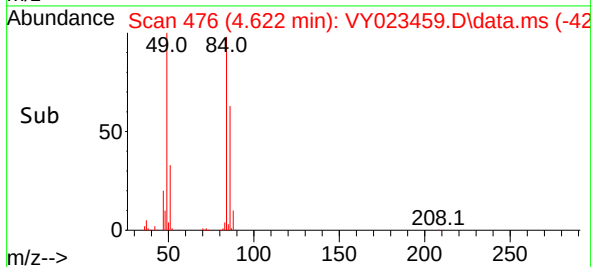
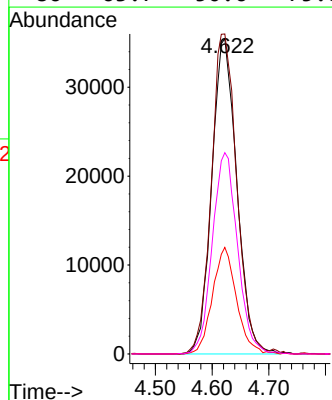
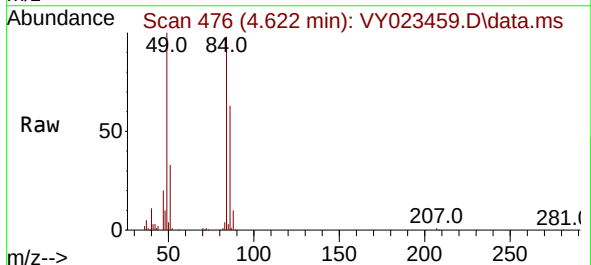
Ion Ratio Lower Upper

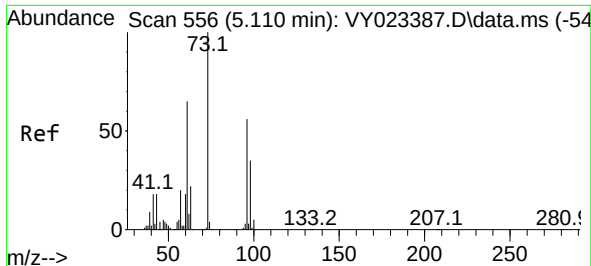
84 100

49 101.5 80.2 120.4

51 33.8 25.9 38.9

86 63.7 50.6 75.8

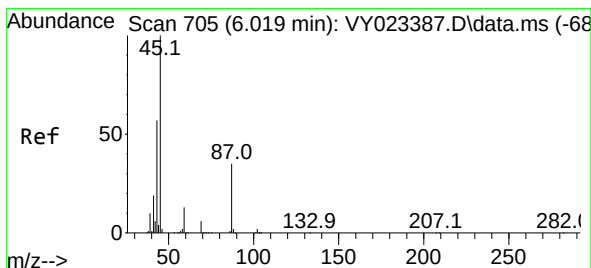
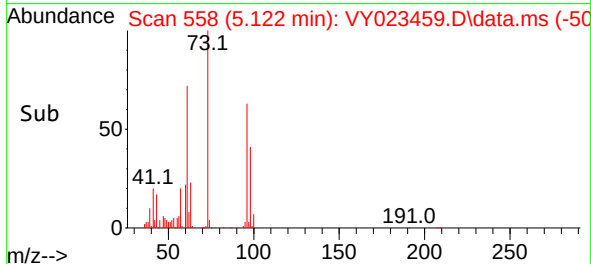
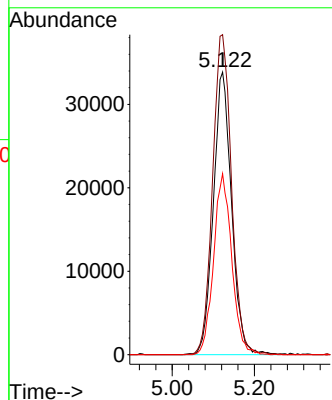
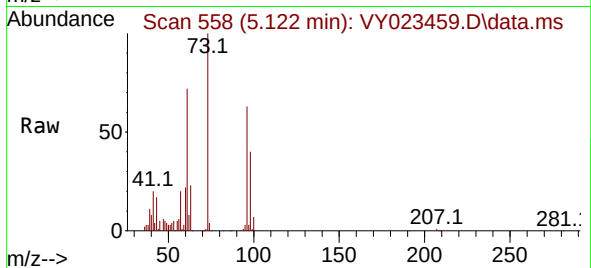




#21
trans-1,2-Dichloroethene
Concen: 20.510 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

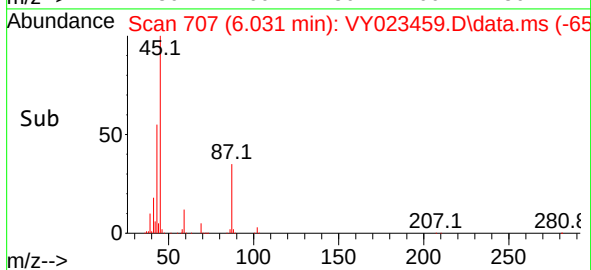
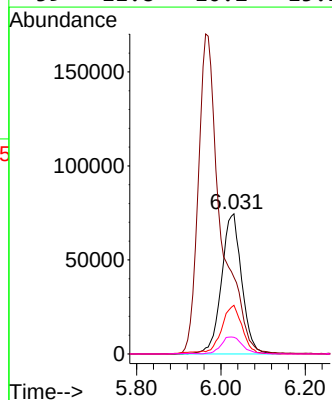
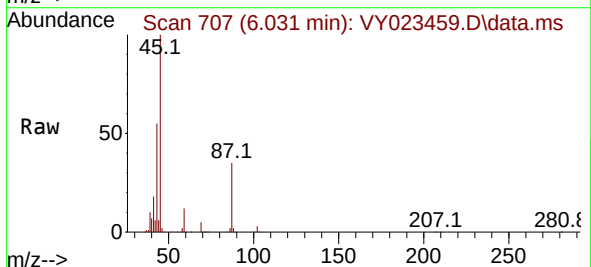
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

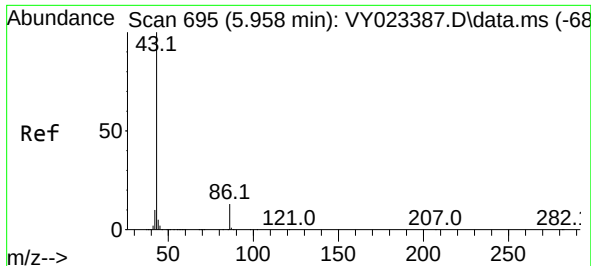
Tgt Ion: 96 Resp: 104310
Ion Ratio Lower Upper
96 100
61 113.3 92.7 139.1
98 64.0 49.7 74.5



#22
Diisopropyl ether
Concen: 19.891 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 45 Resp: 247705
Ion Ratio Lower Upper
45 100
43 54.2 45.6 68.4
87 34.7 28.1 42.1
59 11.8 10.2 15.2

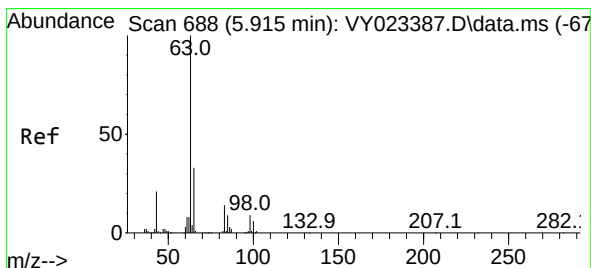
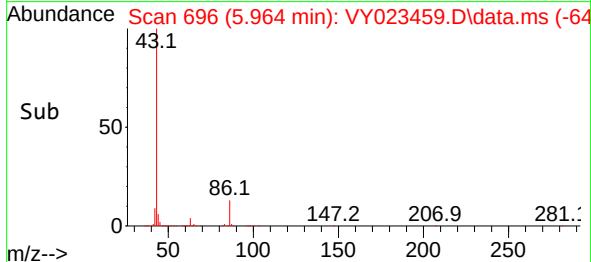
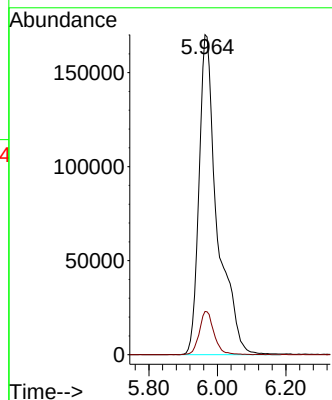
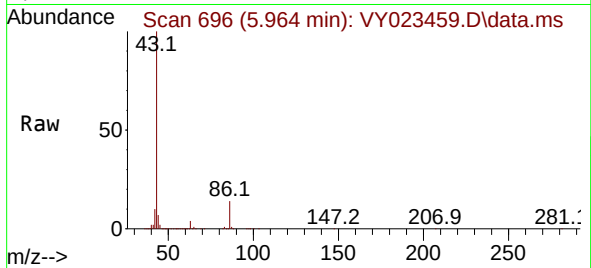




#23
 Vinyl Acetate
 Concen: 93.517 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

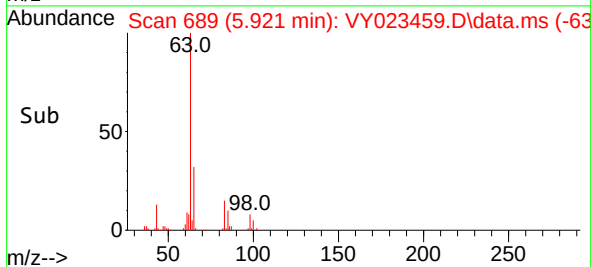
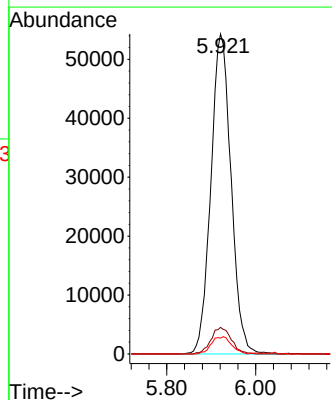
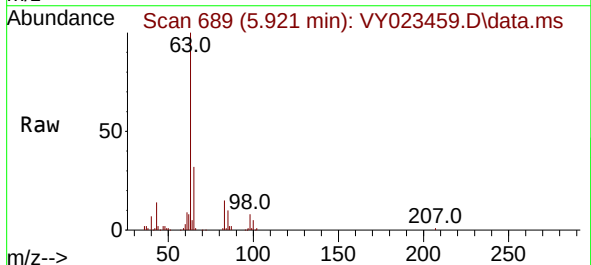
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBSD01

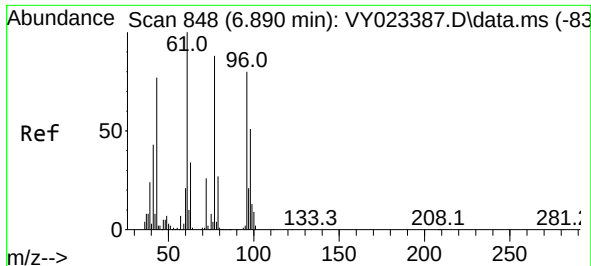
Tgt Ion: 43 Resp: 630348
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.756 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

Tgt Ion: 63 Resp: 171213
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 13.1
 100 5.0 2.8 8.4

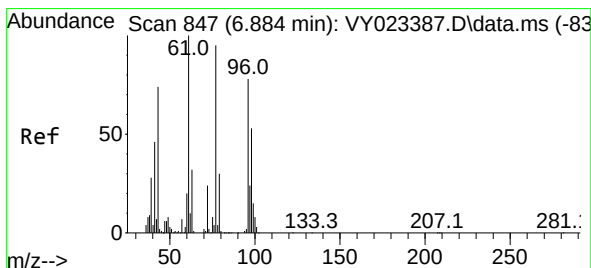
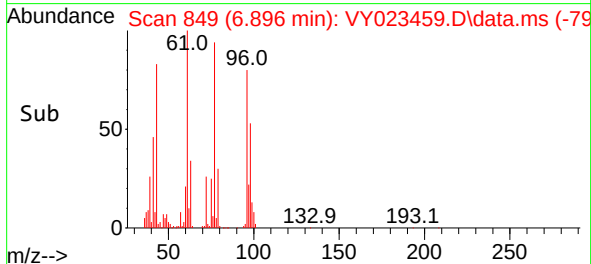
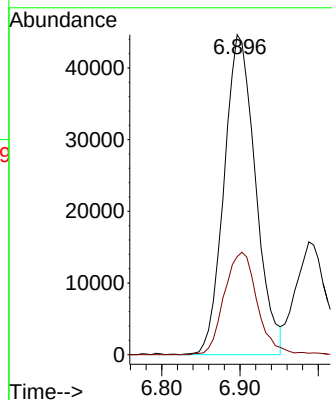
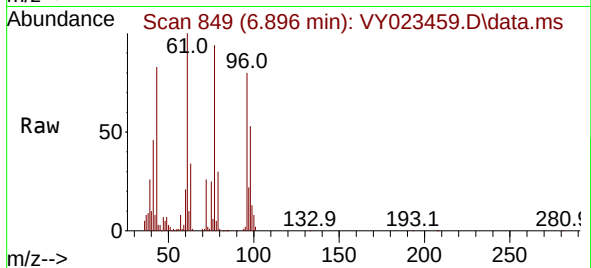




#25
2-Butanone
Concen: 98.931 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

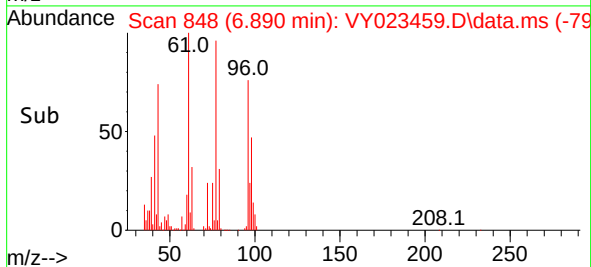
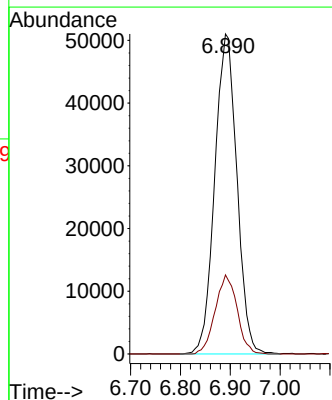
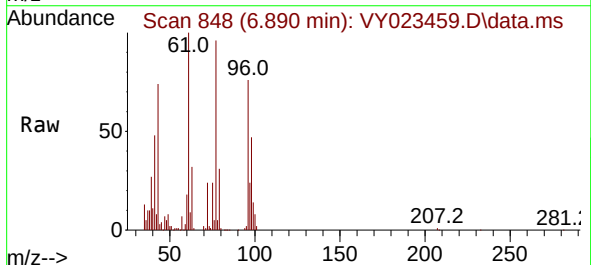
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

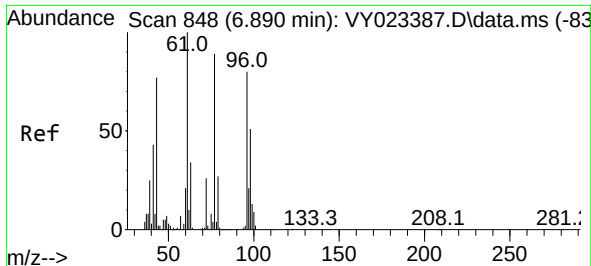
Tgt Ion: 43 Resp: 124515
Ion Ratio Lower Upper
43 100
72 30.6 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.797 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 77 Resp: 157418
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.257 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

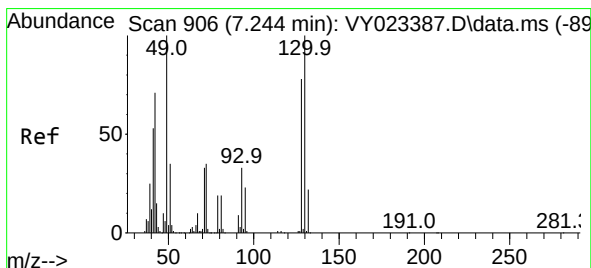
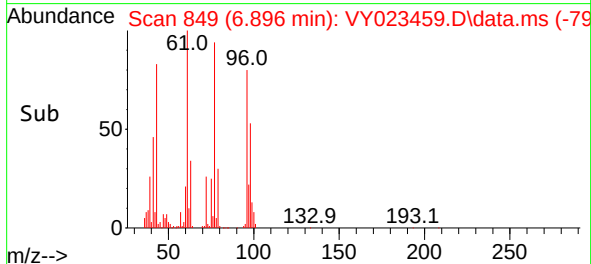
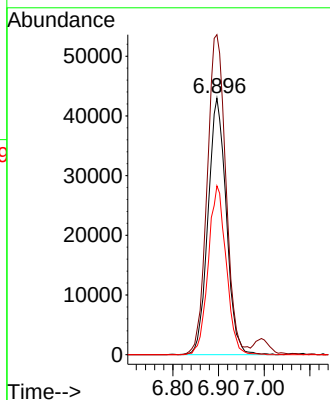
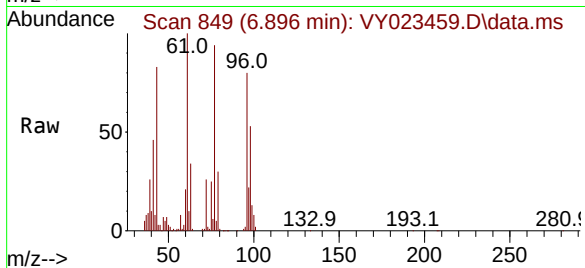
Tgt Ion: 96 Resp: 119003

Ion Ratio Lower Upper

96 100

61 128.6 0.0 258.2

98 64.7 0.0 132.0



#28

Bromochloromethane

Concen: 20.666 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

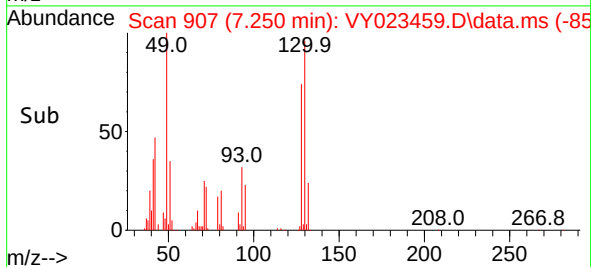
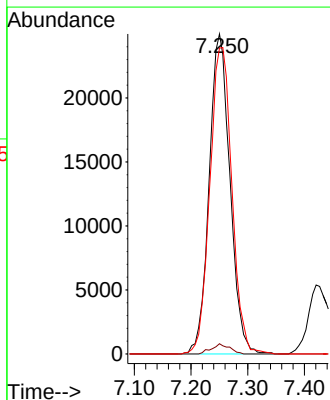
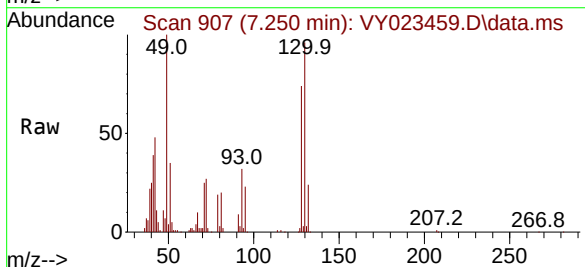
Tgt Ion: 49 Resp: 63641

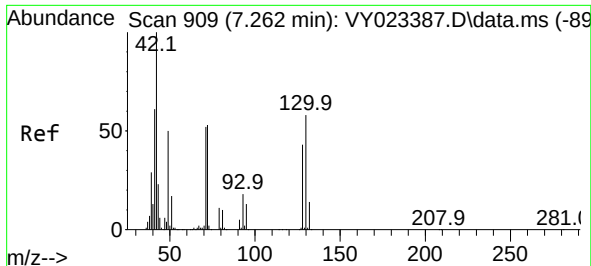
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 101.7 81.9 122.9





#29

Tetrahydrofuran

Concen: 82.372 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

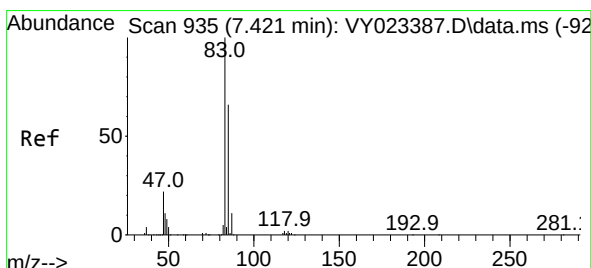
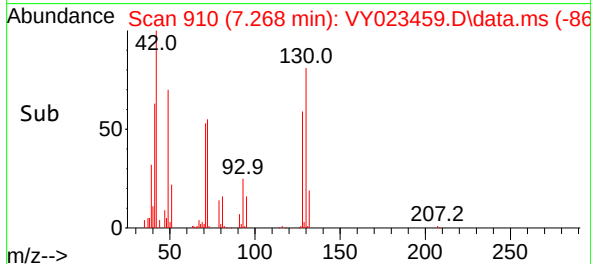
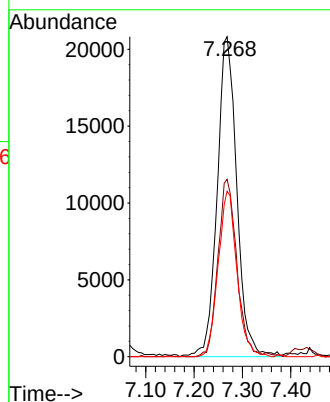
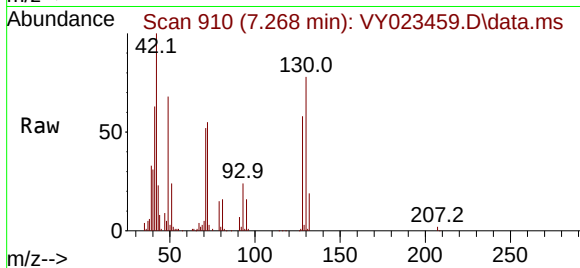
Tgt Ion: 42 Resp: 58790

Ion Ratio Lower Upper

42 100

72 53.1 43.0 64.6

71 49.3 40.1 60.1



#30

Chloroform

Concen: 21.000 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023459.D

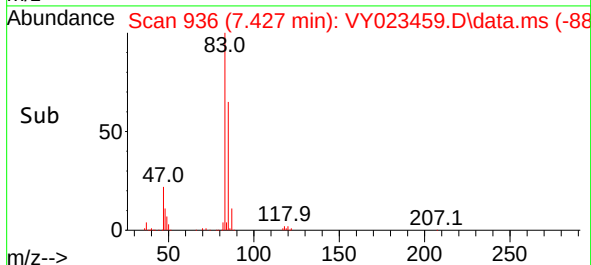
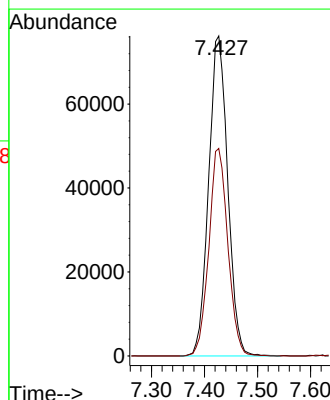
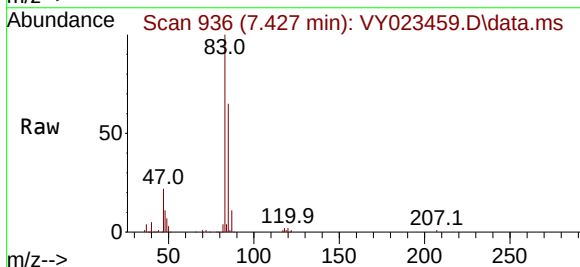
Acq: 14 Oct 2025 12:49

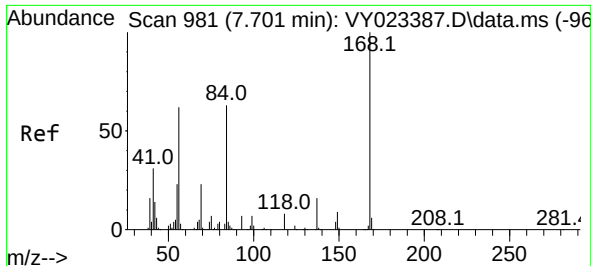
Tgt Ion: 83 Resp: 190324

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7

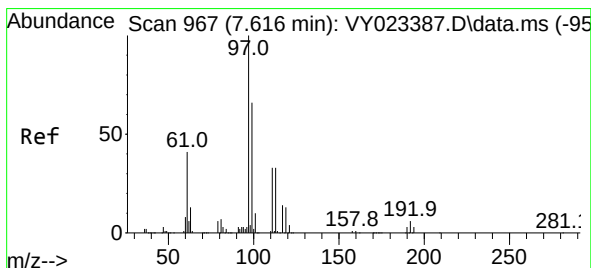
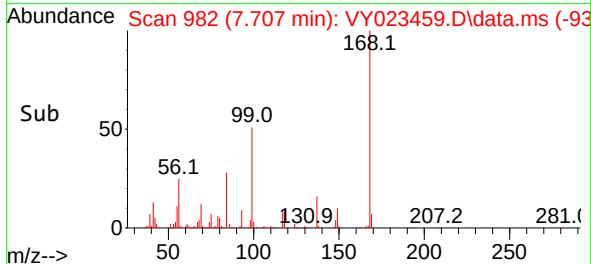
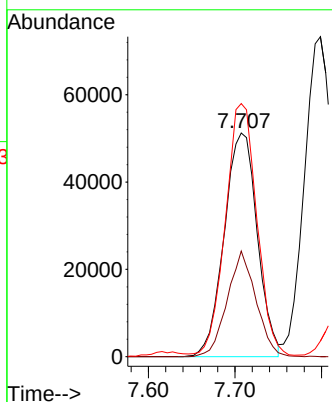
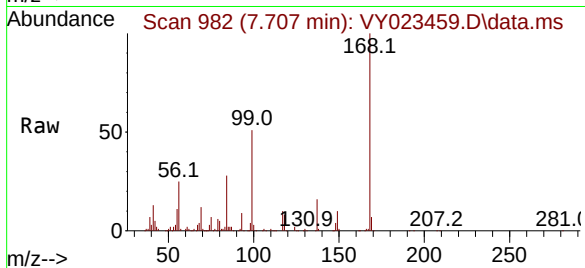




#31
Cyclohexane
Concen: 18.872 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

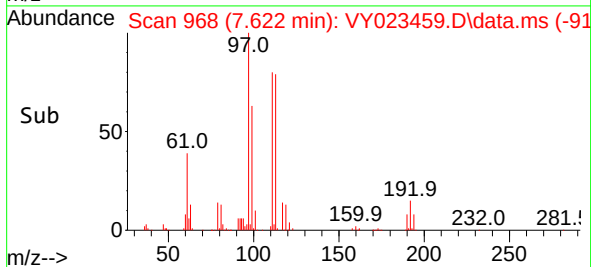
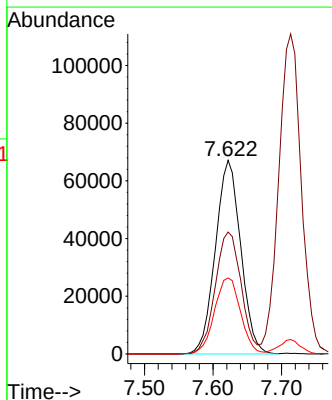
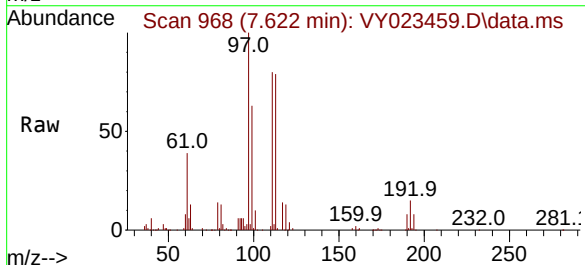
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

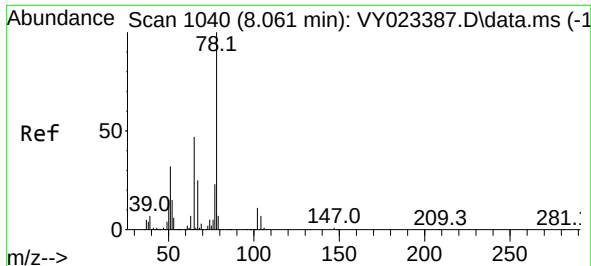
Tgt Ion: 56 Resp: 135945
Ion Ratio Lower Upper
56 100
69 47.2 30.0 45.0#
84 111.6 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.929 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 97 Resp: 172371
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.198 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

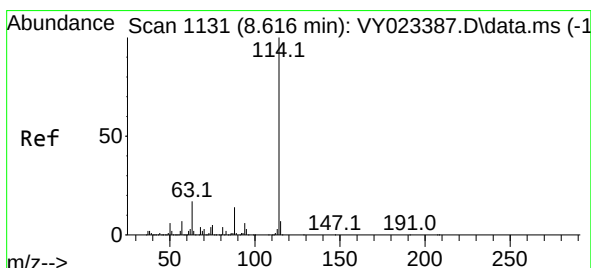
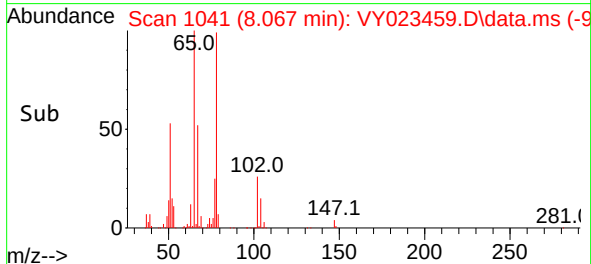
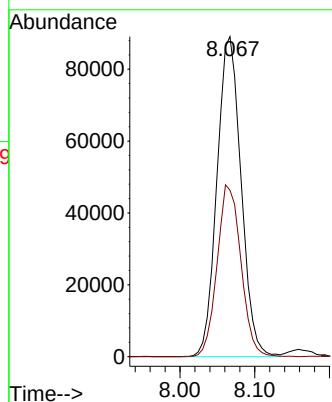
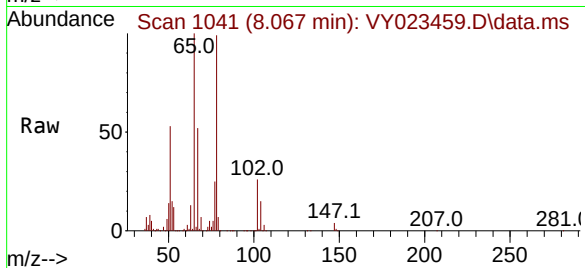
VY1014SBS01

Tgt Ion: 65 Resp: 200056

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

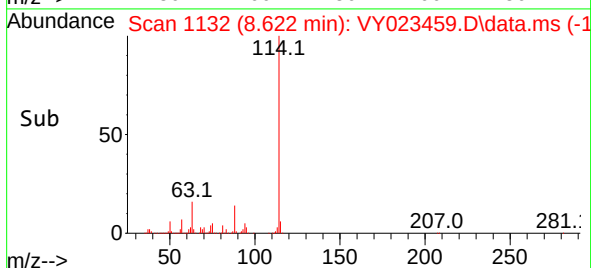
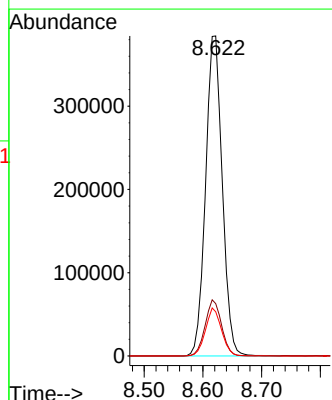
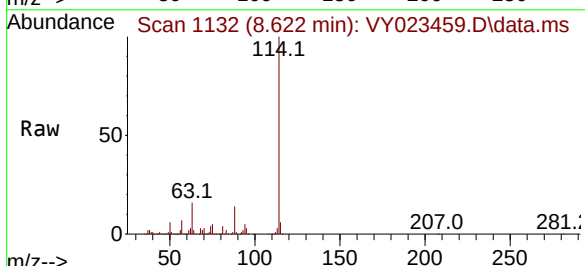
Tgt Ion: 114 Resp: 759118

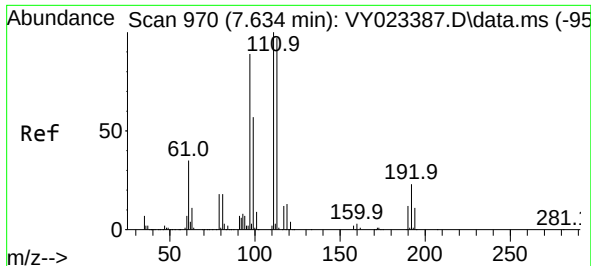
Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.2

88 13.8 0.0 28.4

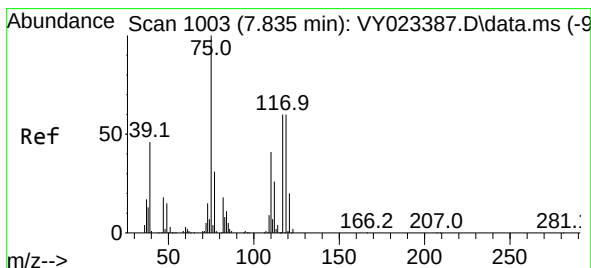
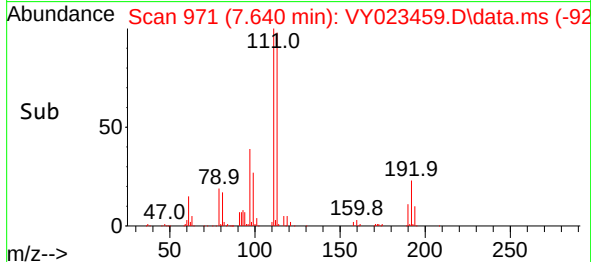
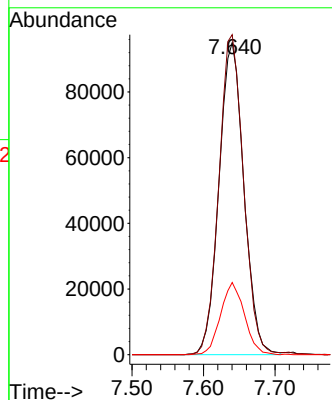
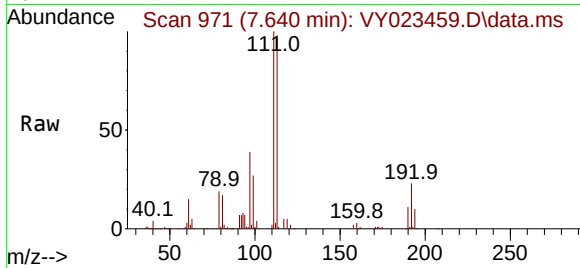




#35
Dibromofluoromethane
Concen: 49.153 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

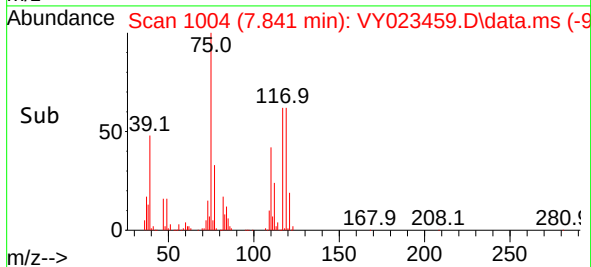
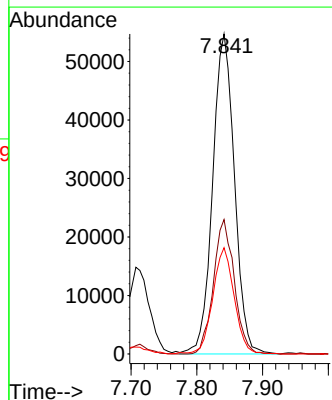
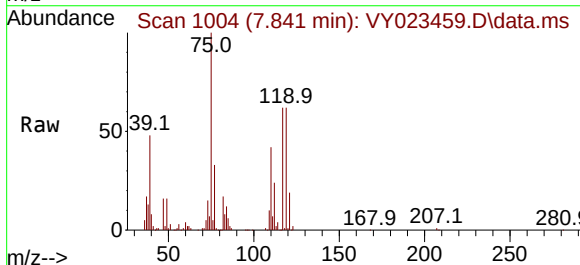
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

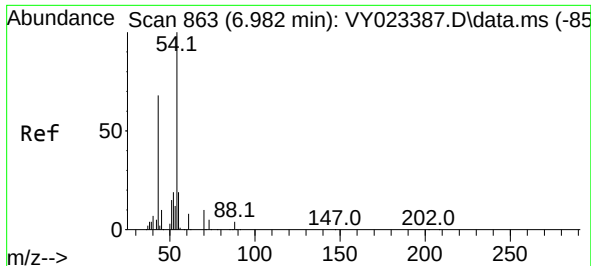
Tgt Ion:113 Resp: 229270
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.454 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 75 Resp: 126310
Ion Ratio Lower Upper
75 100
110 40.2 19.9 59.7
77 32.7 25.0 37.6





#37

Ethyl Acetate

Concen: 18.133 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

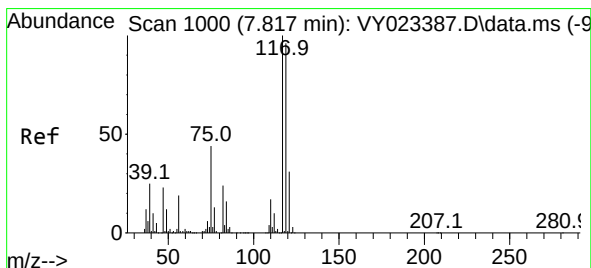
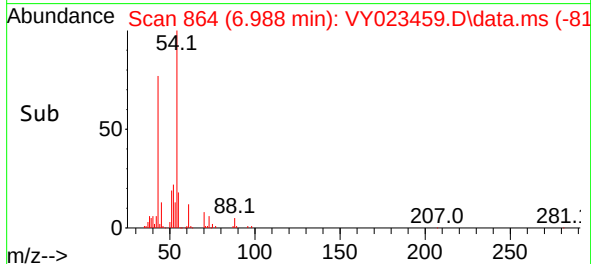
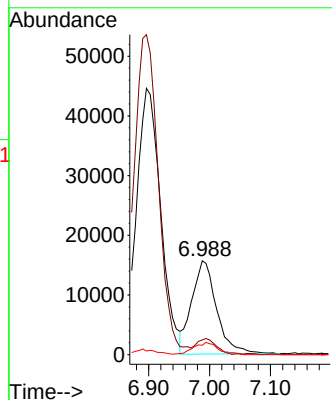
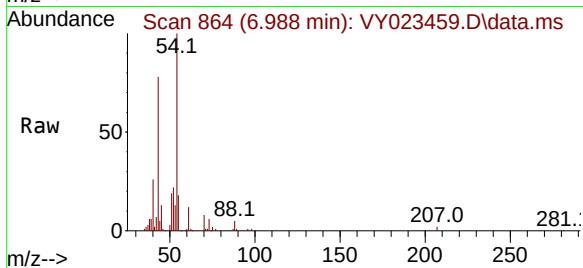
Tgt Ion: 43 Resp: 44361

Ion Ratio Lower Upper

43 100

61 13.3 11.8 17.8

70 12.6 10.5 15.7



#38

Carbon Tetrachloride

Concen: 21.075 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

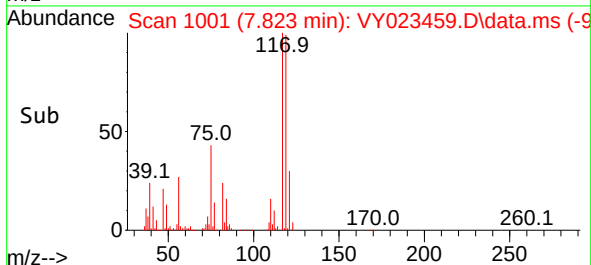
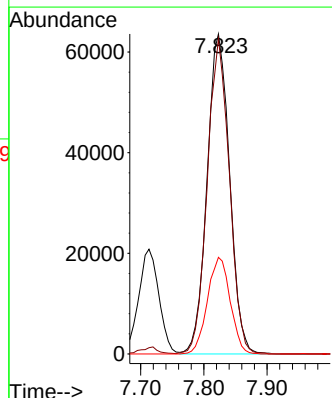
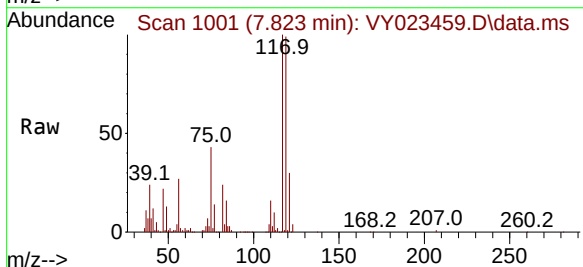
Tgt Ion: 117 Resp: 157808

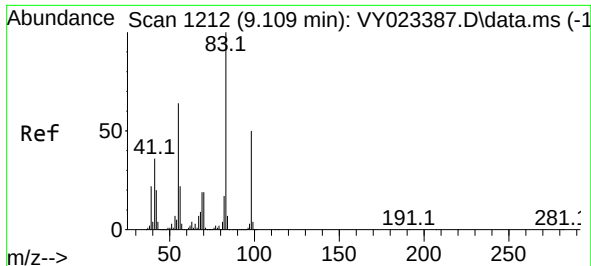
Ion Ratio Lower Upper

117 100

119 98.6 76.8 115.2

121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 18.981 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

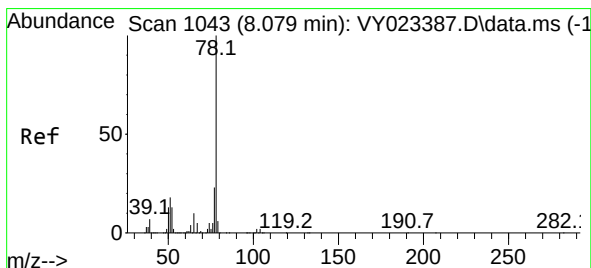
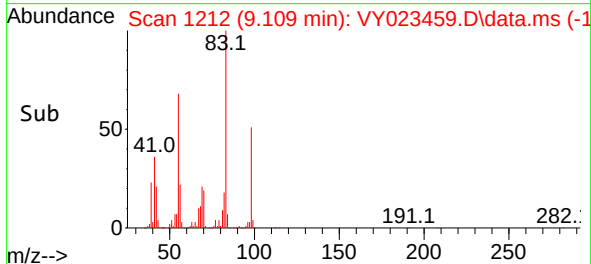
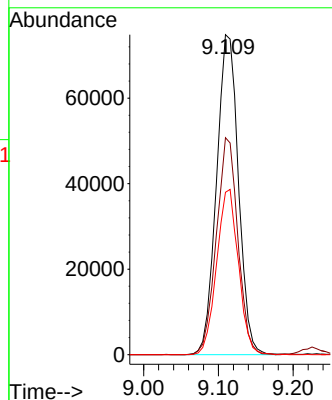
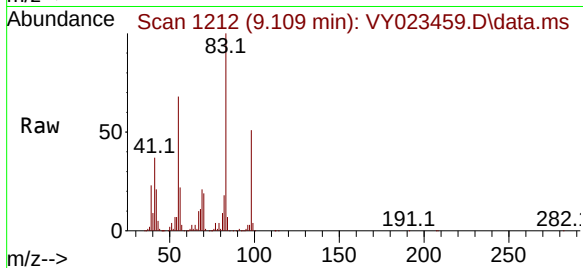
Tgt Ion: 83 Resp: 152615

Ion Ratio Lower Upper

83 100

55 67.8 51.4 77.2

98 50.7 40.4 60.6



#40

Benzene

Concen: 20.834 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023459.D

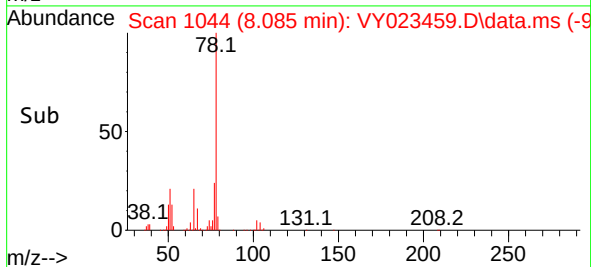
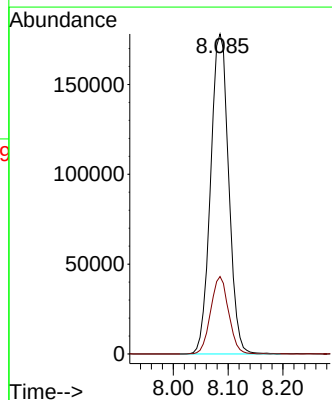
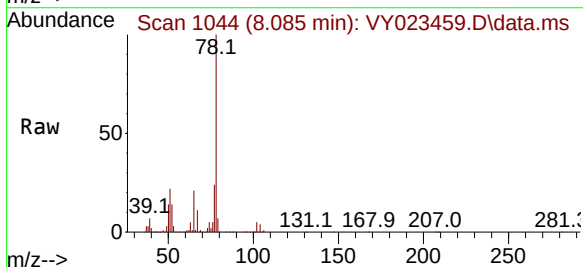
Acq: 14 Oct 2025 12:49

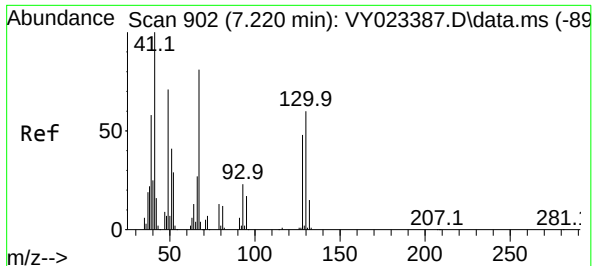
Tgt Ion: 78 Resp: 407431

Ion Ratio Lower Upper

78 100

77 24.2 18.3 27.5

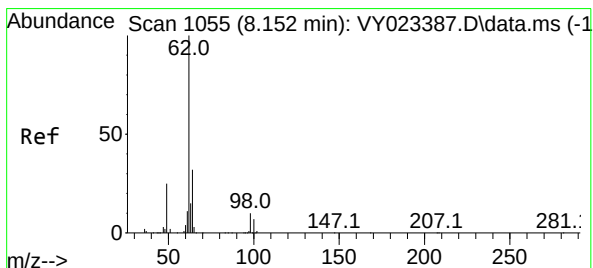
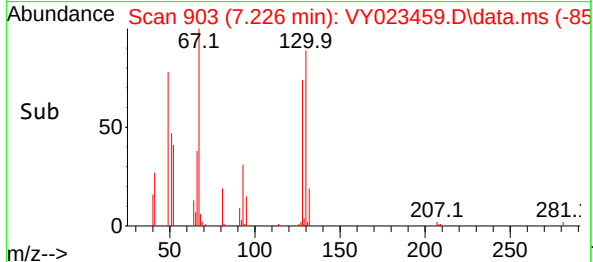
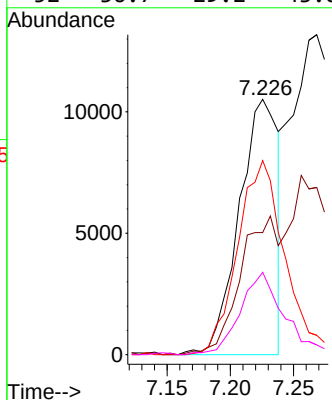
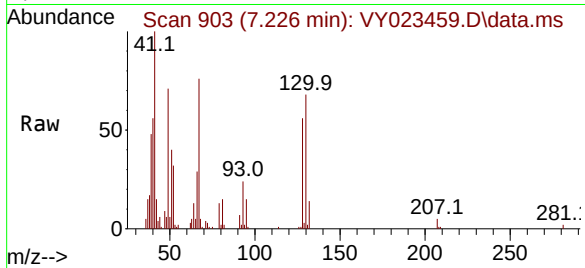




#41
Methacrylonitrile
Concen: 16.974 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

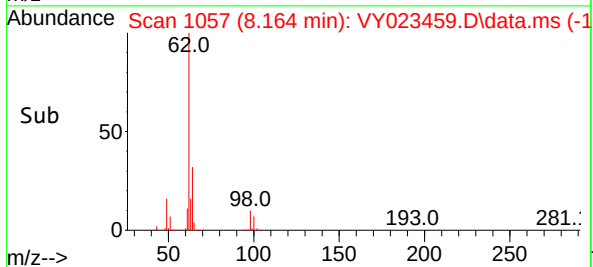
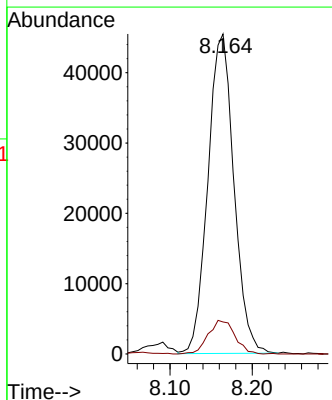
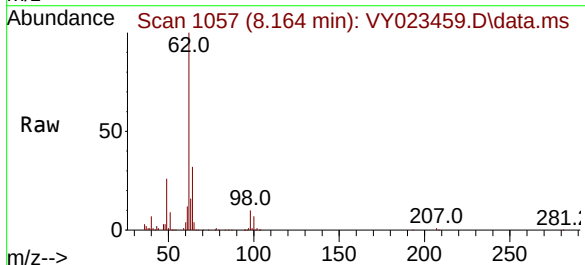
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

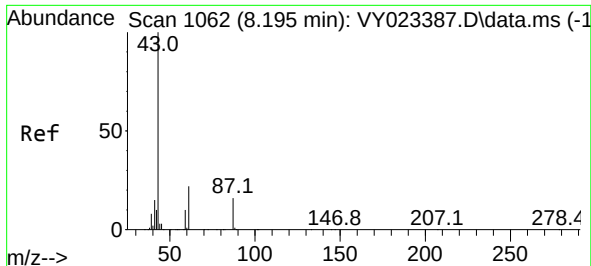
Tgt Ion:	41	Resp:	22459
Ion	Ratio	Lower	Upper
41	100		
39	53.0	52.2	78.4
67	94.1	74.9	112.3
52	36.7	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.810 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:	62	Resp:	99914
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

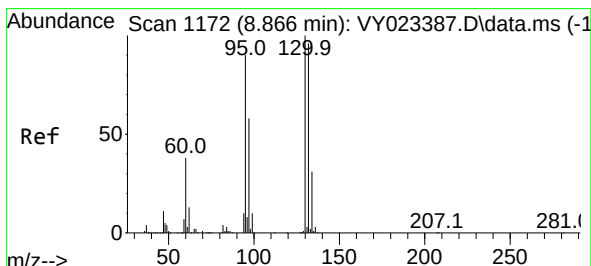
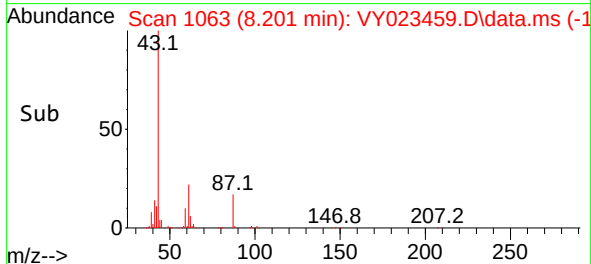
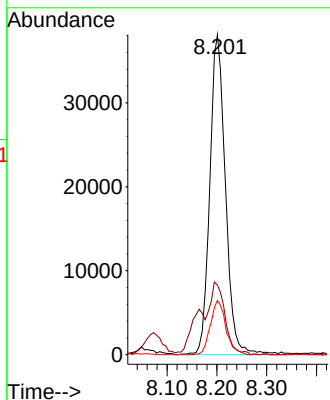
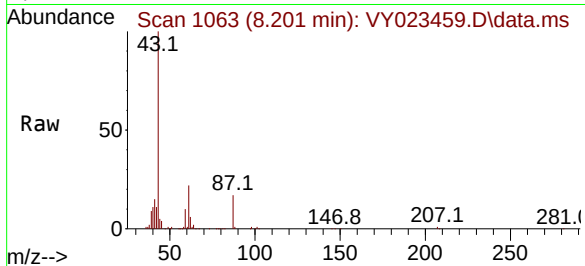




#43
Isopropyl Acetate
Concen: 17.018 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

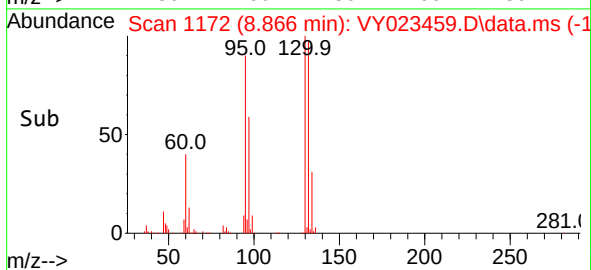
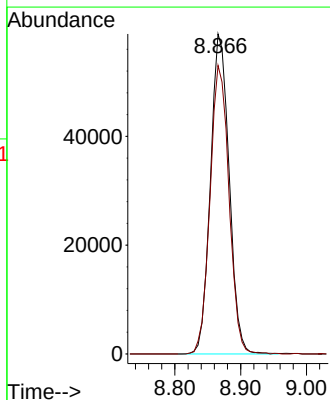
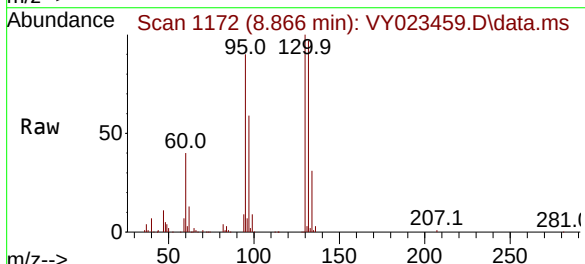
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

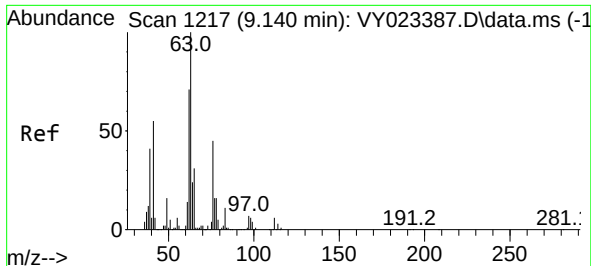
Tgt Ion: 43 Resp: 83017
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 16.7 13.5 20.3



#44
Trichloroethene
Concen: 20.337 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:130 Resp: 116408
Ion Ratio Lower Upper
130 100
95 90.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.381 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

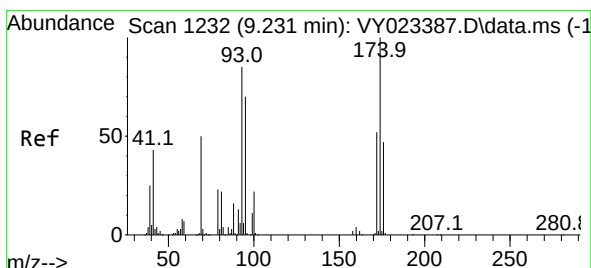
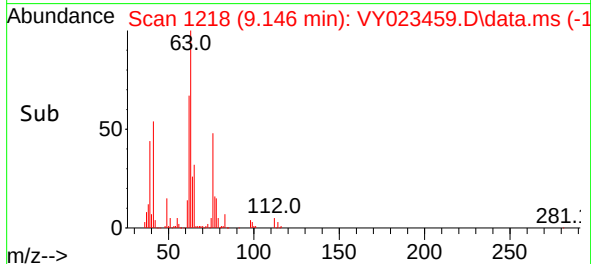
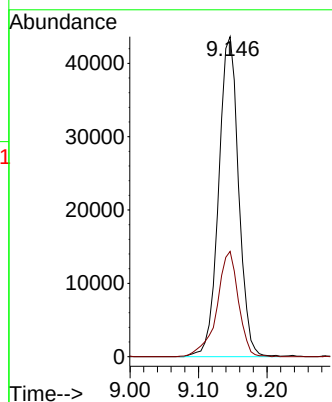
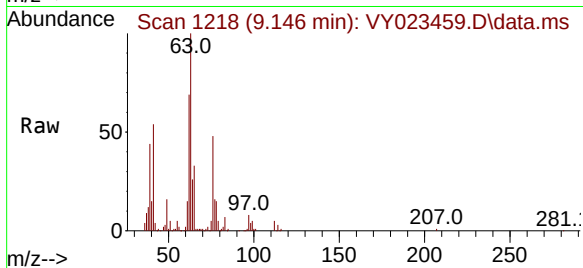
VY1014SBS01

Tgt Ion: 63 Resp: 88036

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3



#46

Dibromomethane

Concen: 19.613 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

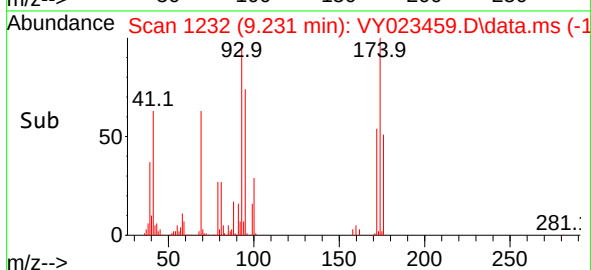
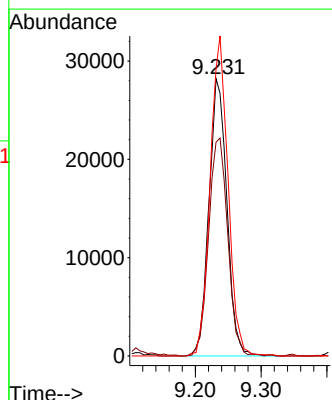
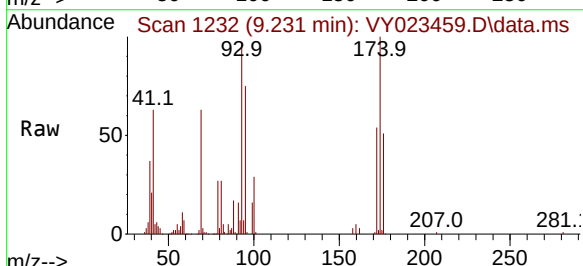
Tgt Ion: 93 Resp: 53570

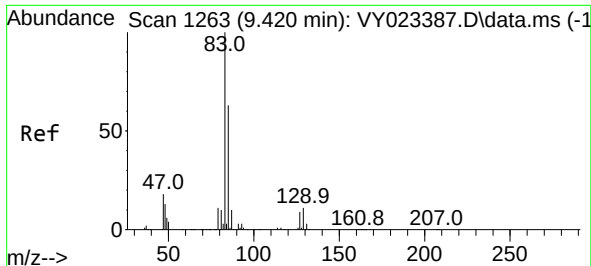
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 114.9 92.9 139.3

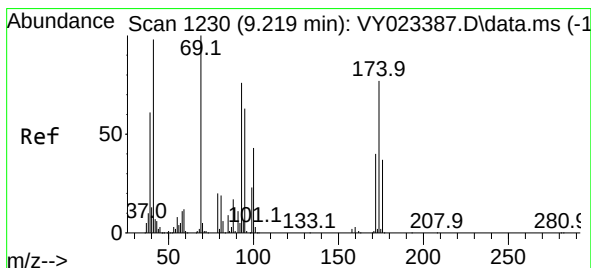
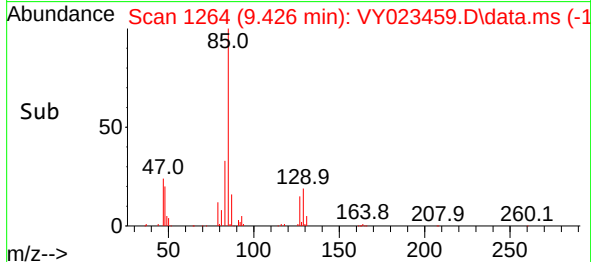
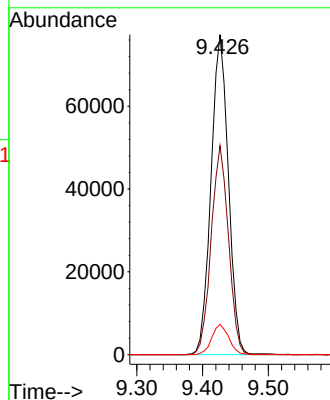
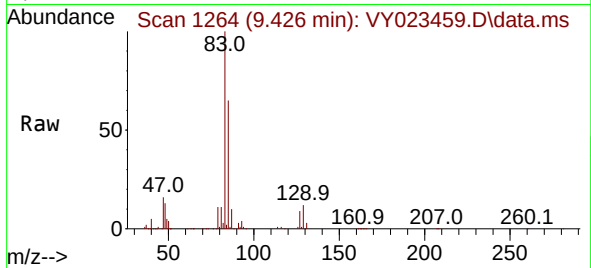




#47
Bromodichloromethane
Concen: 20.659 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

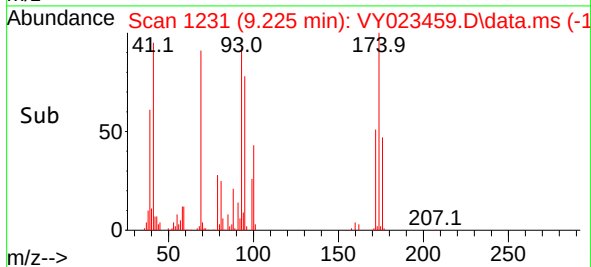
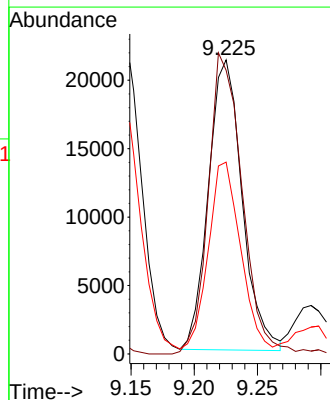
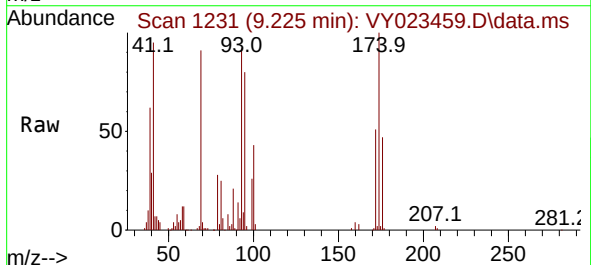
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

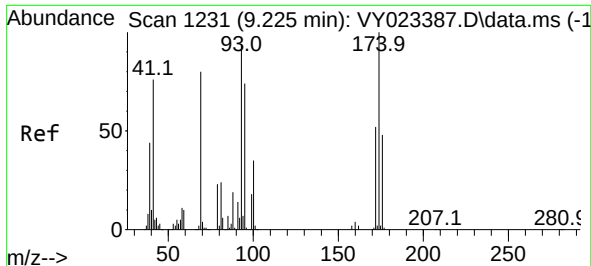
Tgt Ion: 83 Resp: 142117
Ion Ratio Lower Upper
83 100
85 65.3 50.8 76.2
127 9.5 7.4 11.2



#48
Methyl methacrylate
Concen: 17.188 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 41 Resp: 39390
Ion Ratio Lower Upper
41 100
69 104.8 81.0 121.4
39 61.1 48.2 72.4

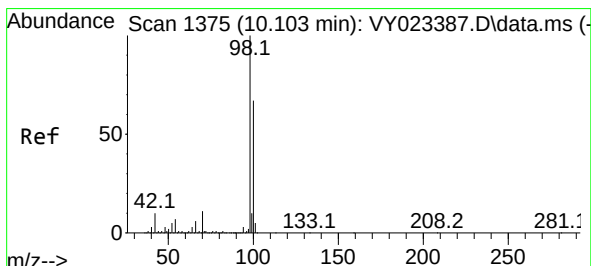
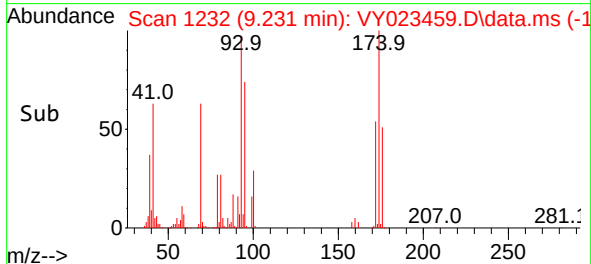
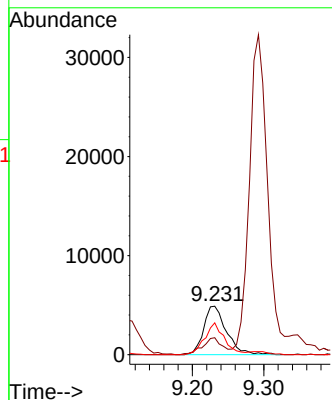
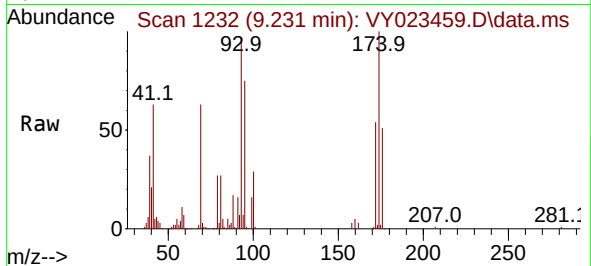




#49
1,4-Dioxane
Concen: 343.120 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

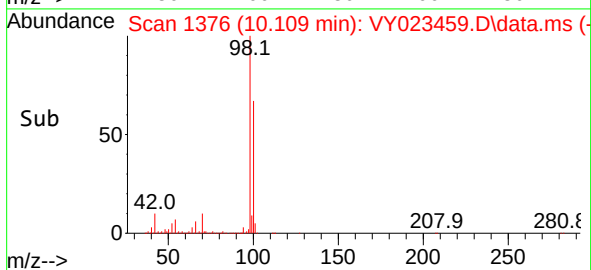
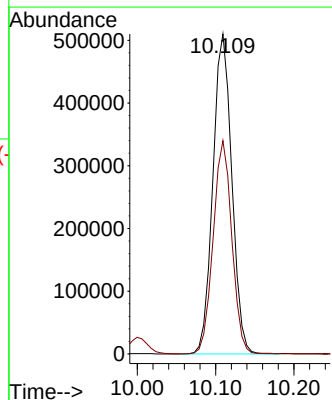
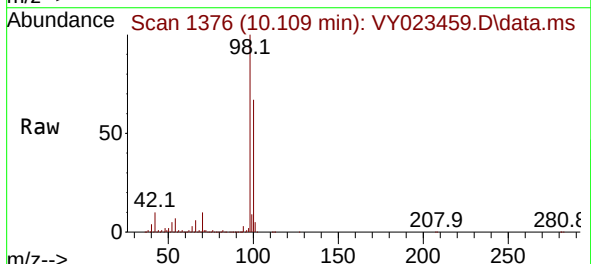
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

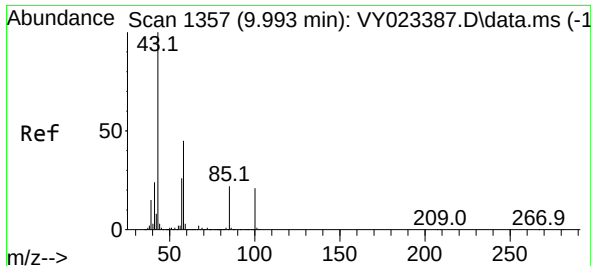
Tgt Ion: 88 Resp: 10866
Ion Ratio Lower Upper
88 100
43 29.4 21.8 32.8
58 56.6 46.8 70.2



#50
Toluene-d8
Concen: 49.290 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 98 Resp: 856206
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

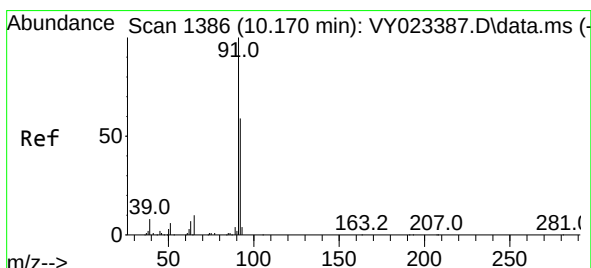
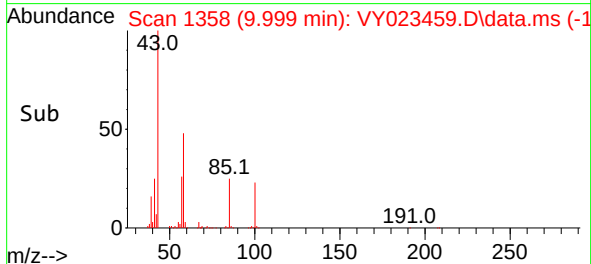
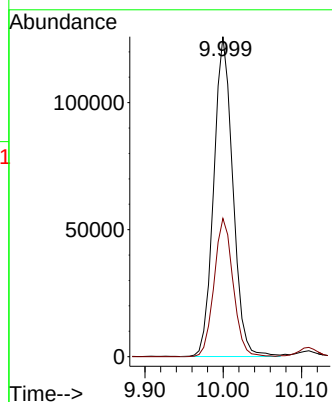
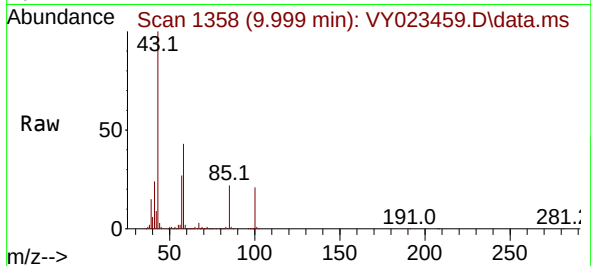




#51
4-Methyl-2-Pentanone
Concen: 84.774 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

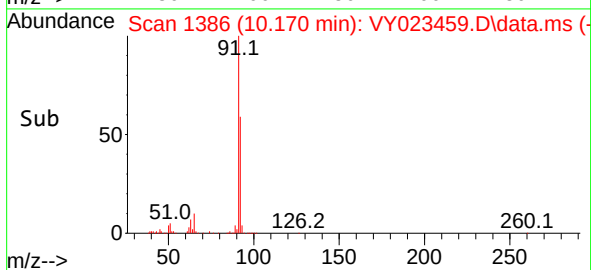
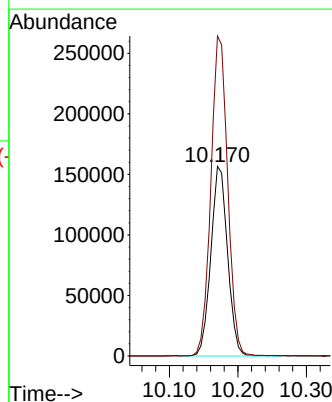
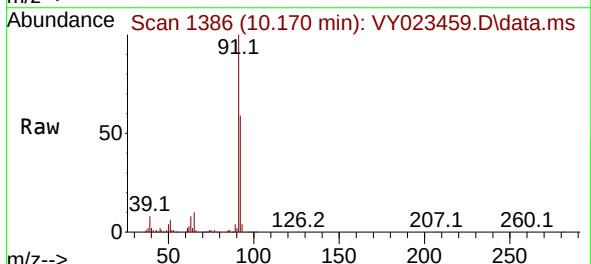
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

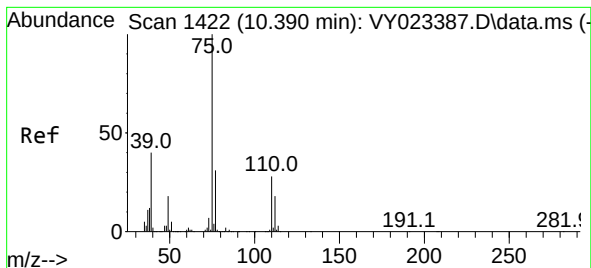
Tgt Ion: 43 Resp: 213668
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9



#52
Toluene
Concen: 20.887 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 92 Resp: 265219
Ion Ratio Lower Upper
92 100
91 170.2 136.4 204.6

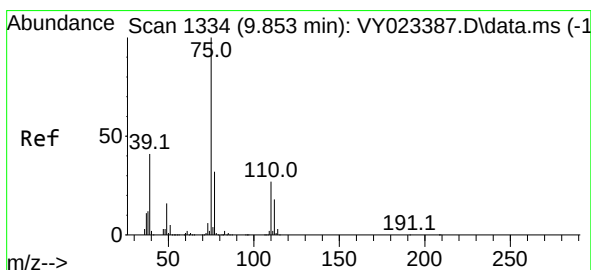
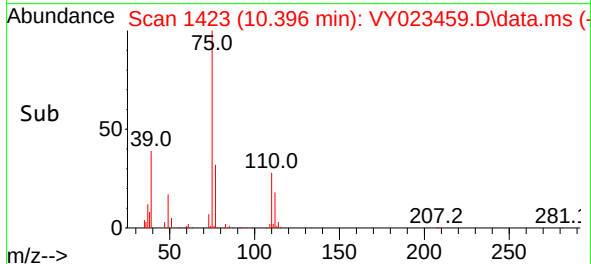
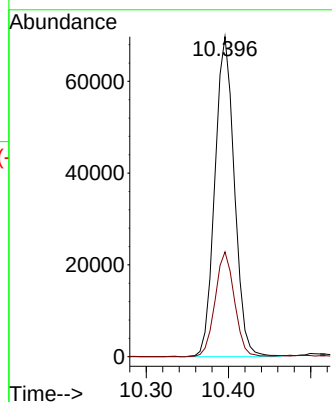
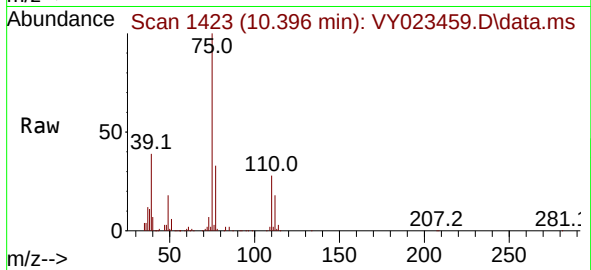




#53
t-1,3-Dichloropropene
Concen: 19.225 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

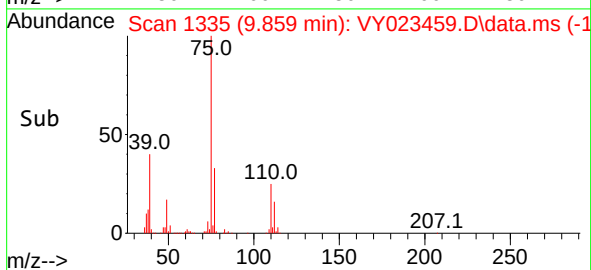
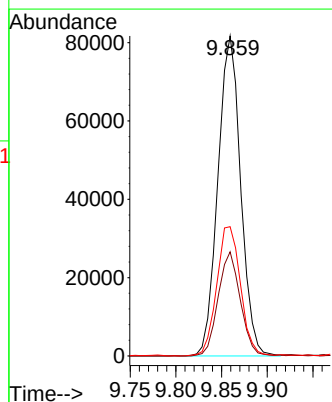
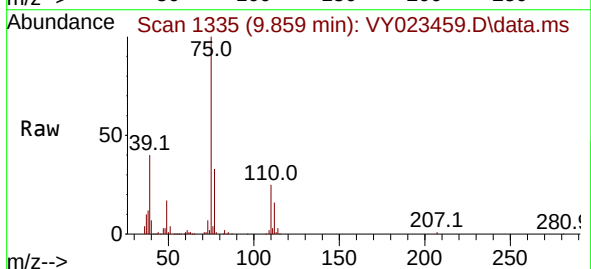
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

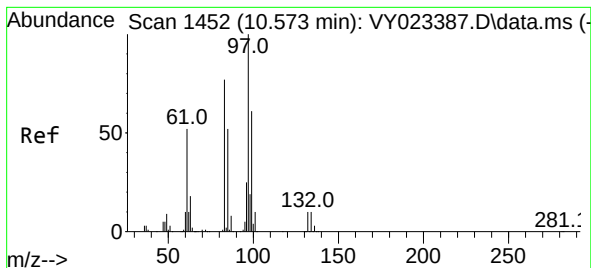
Tgt Ion: 75 Resp: 114994
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.066 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 75 Resp: 141658
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 40.4 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 19.678 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

Tgt Ion: 97 Resp: 72278

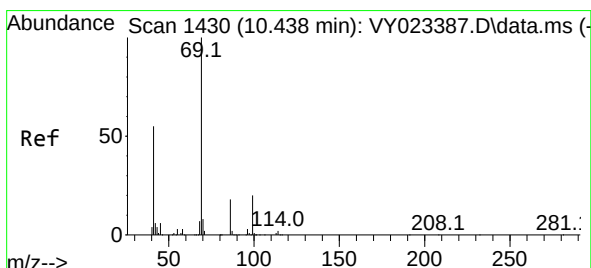
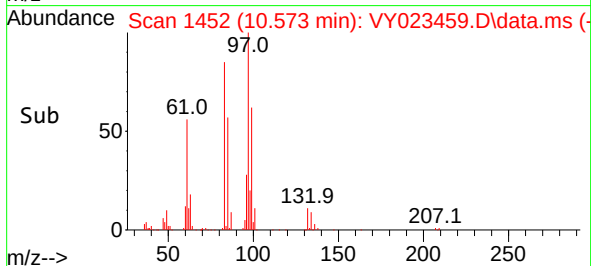
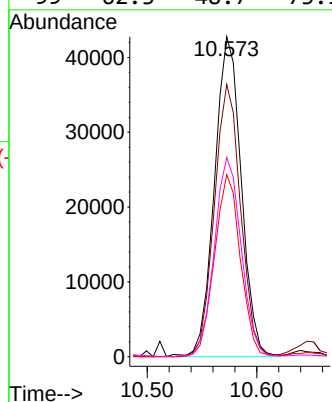
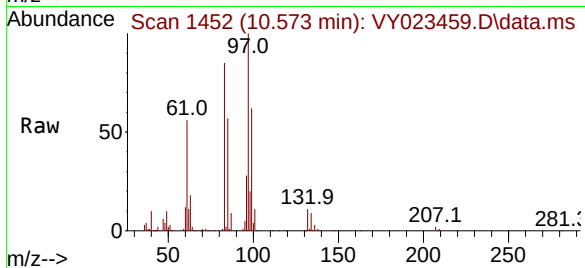
Ion Ratio Lower Upper

97 100

83 85.2 61.8 92.6

85 57.1 41.3 61.9

99 62.3 48.7 73.1



#56

Ethyl methacrylate

Concen: 17.229 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

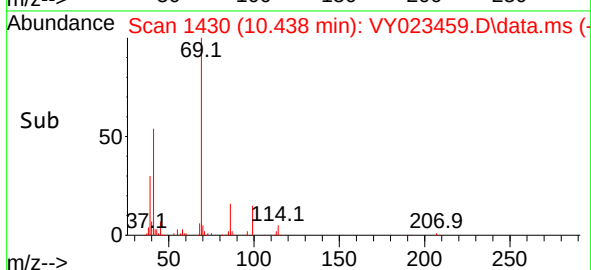
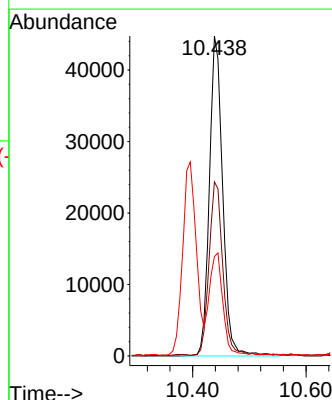
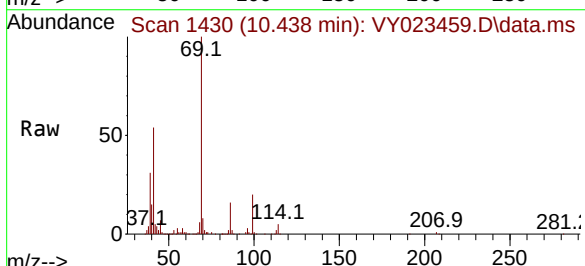
Tgt Ion: 69 Resp: 72999

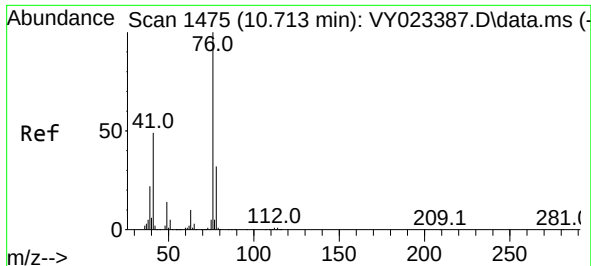
Ion Ratio Lower Upper

69 100

41 56.2 44.6 67.0

39 31.8 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.539 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

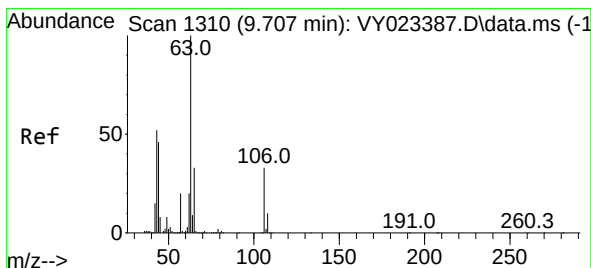
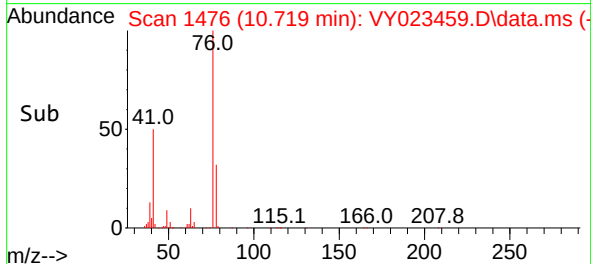
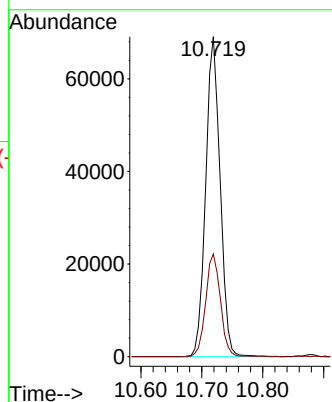
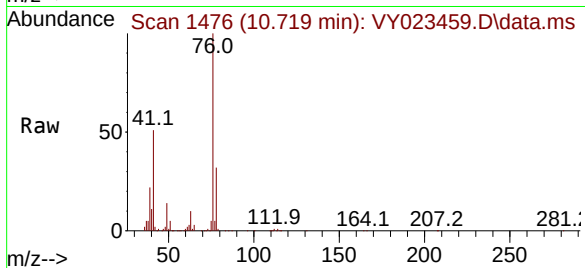
VY1014SBSD01

Tgt Ion: 76 Resp: 113725

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.900 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023459.D

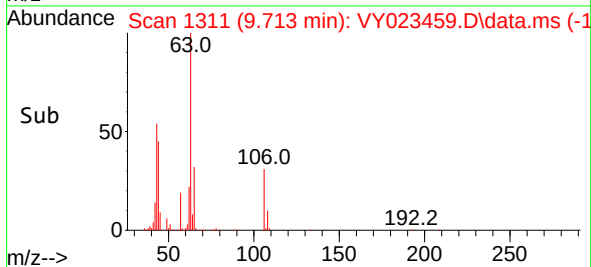
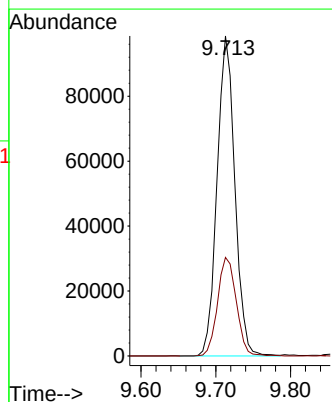
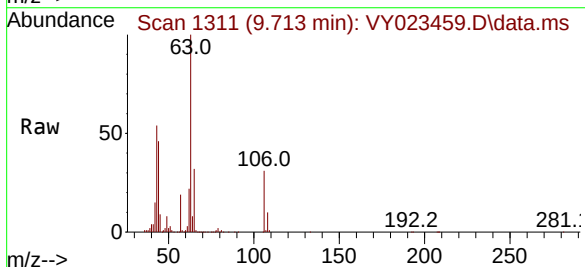
Acq: 14 Oct 2025 12:49

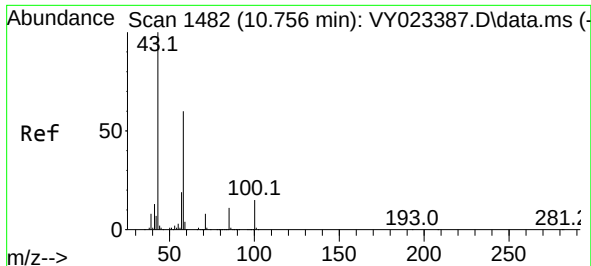
Tgt Ion: 63 Resp: 163038

Ion Ratio Lower Upper

63 100

106 32.5 26.6 39.8

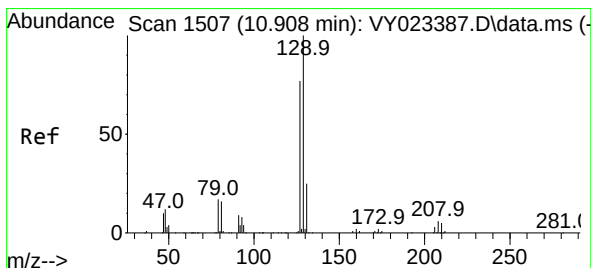
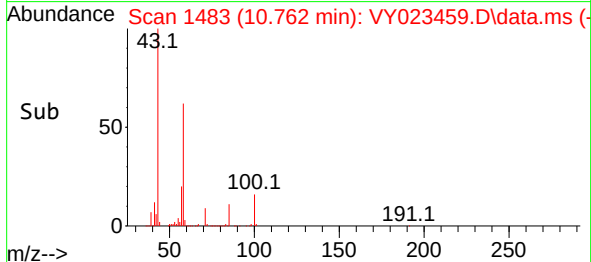
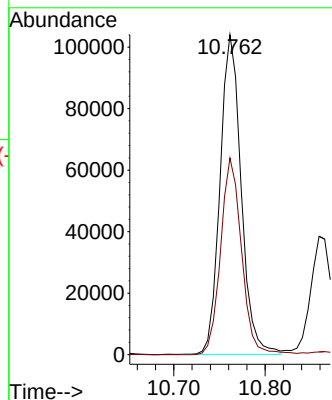
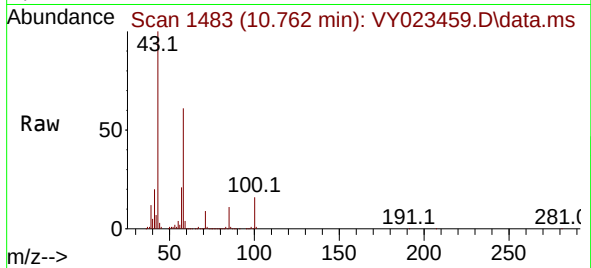




#59
2-Hexanone
Concen: 92.582 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

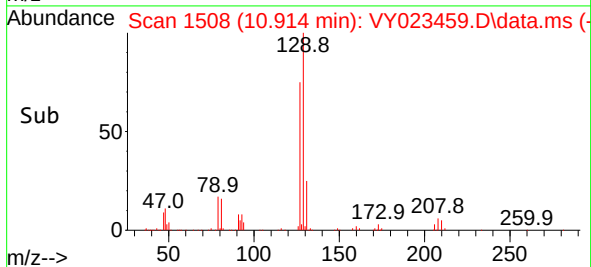
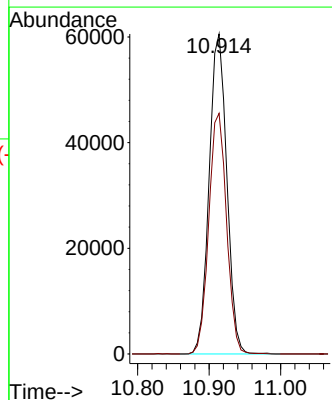
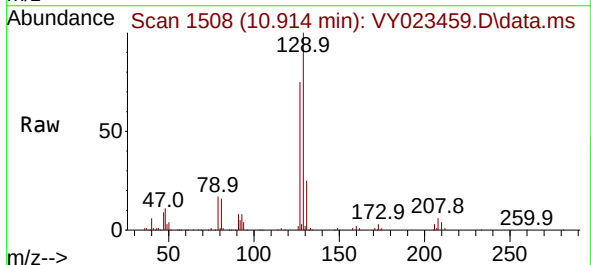
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

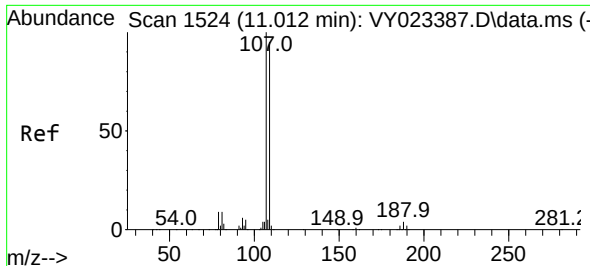
Tgt Ion: 43 Resp: 166759
Ion Ratio Lower Upper
43 100
58 61.3 30.5 91.5



#60
Dibromochloromethane
Concen: 20.164 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 129 Resp: 103837
Ion Ratio Lower Upper
129 100
127 75.8 38.6 115.7

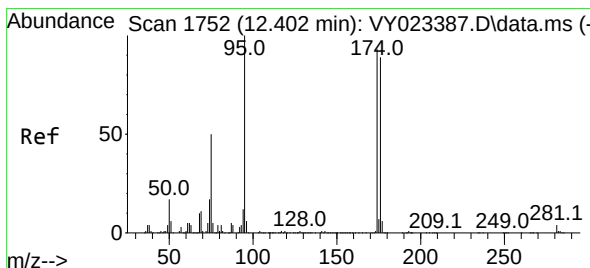
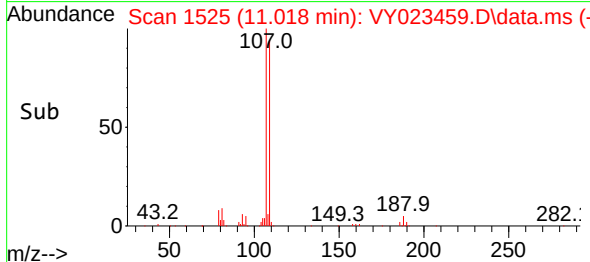
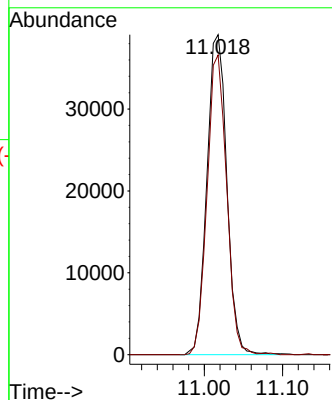
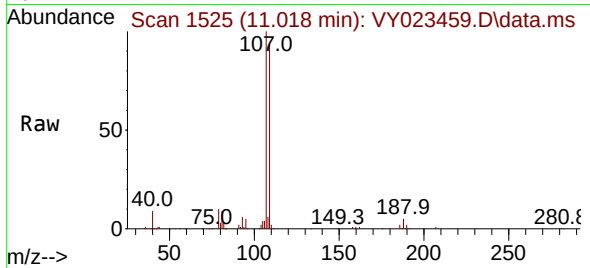




#61
1,2-Dibromoethane
Concen: 19.675 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

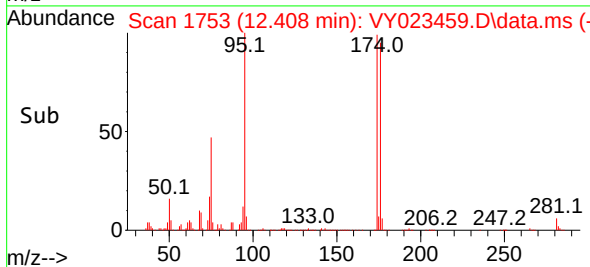
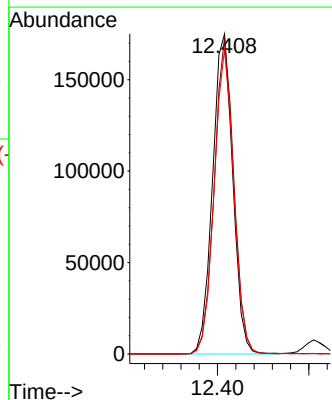
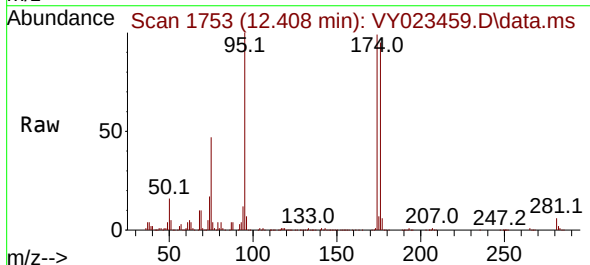
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

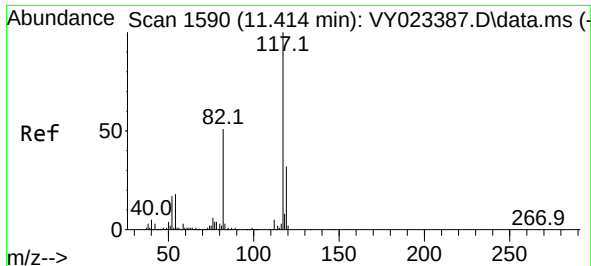
Tgt Ion:107 Resp: 68920
Ion Ratio Lower Upper
107 100
109 91.7 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 46.733 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 95 Resp: 268010
Ion Ratio Lower Upper
95 100
174 95.8 0.0 192.8
176 92.3 0.0 187.6

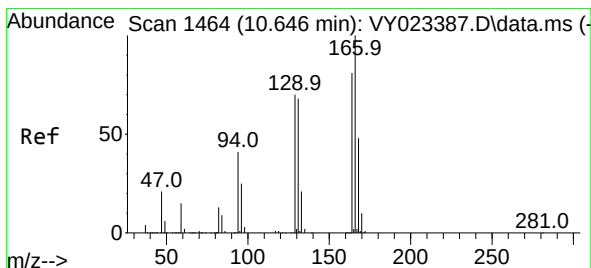
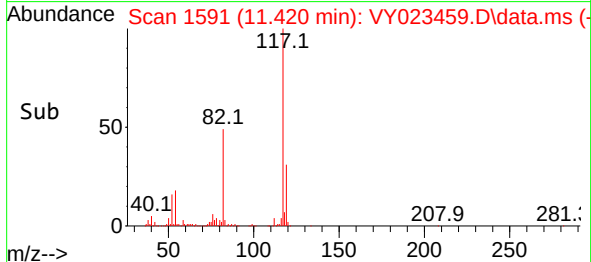
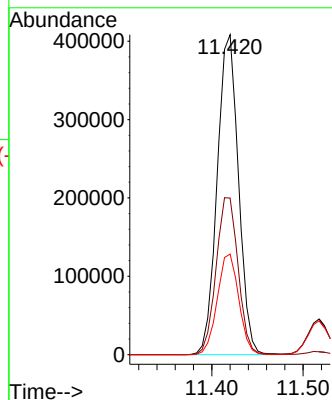
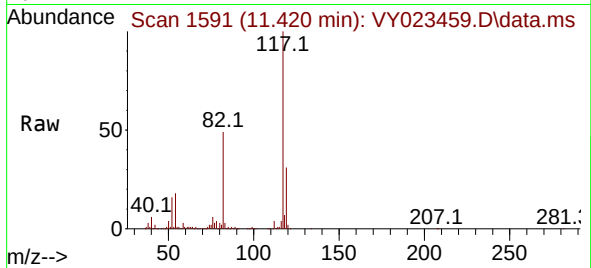




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

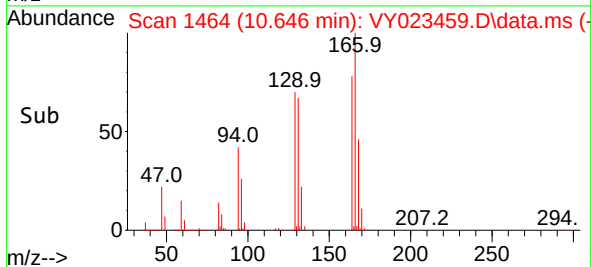
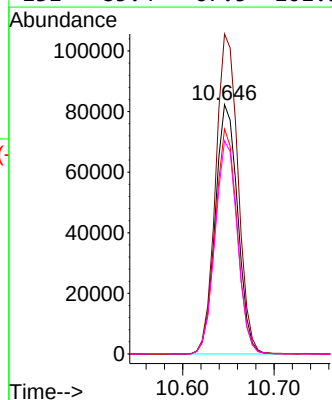
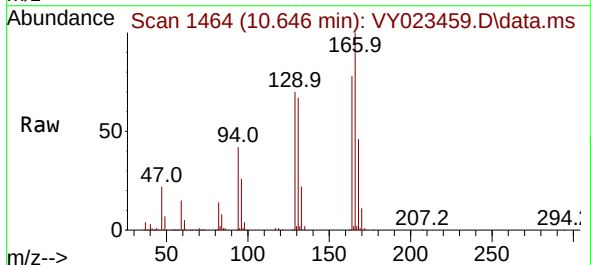
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

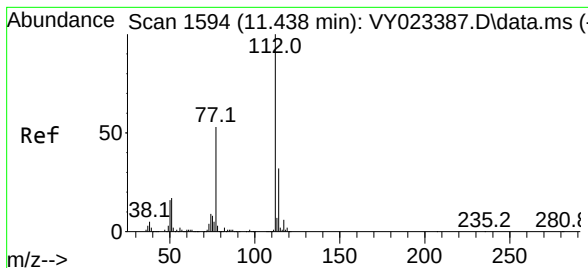
Tgt Ion:117 Resp: 662146
Ion Ratio Lower Upper
117 100
82 49.0 41.0 61.4
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 20.522 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:164 Resp: 140307
Ion Ratio Lower Upper
164 100
166 128.2 99.4 149.0
129 90.2 69.4 104.2
131 85.4 67.5 101.3

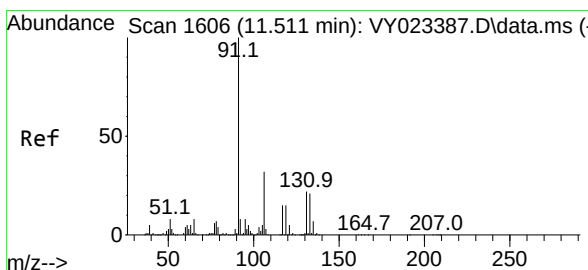
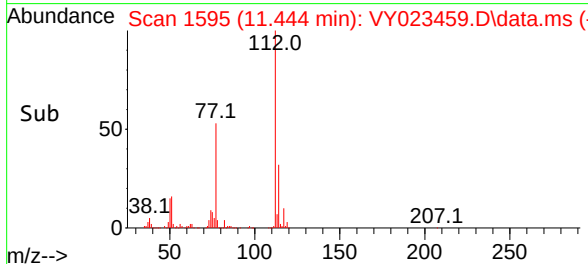
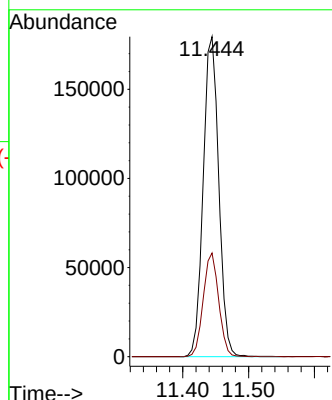
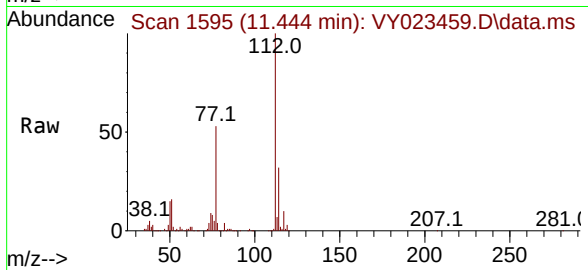




#65
Chlorobenzene
Concen: 20.511 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

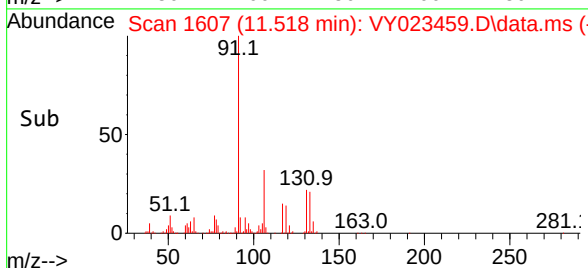
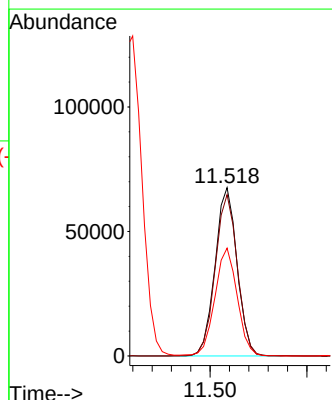
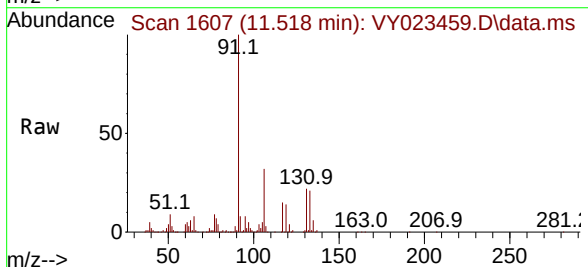
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

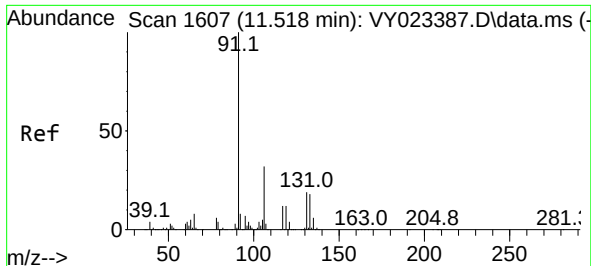
Tgt Ion:112 Resp: 295383
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.768 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:131 Resp: 106581
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.2
119 65.3 32.4 97.2





#67

Ethyl Benzene

Concen: 20.146 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

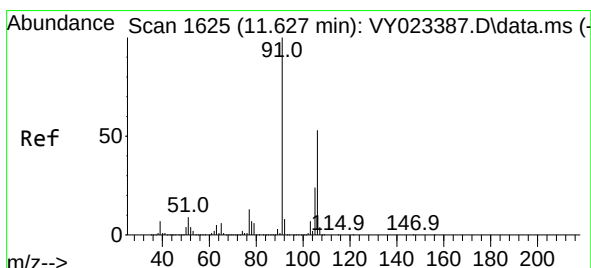
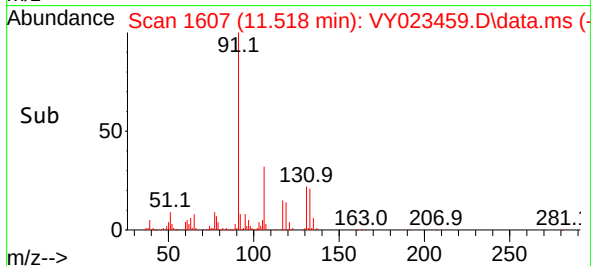
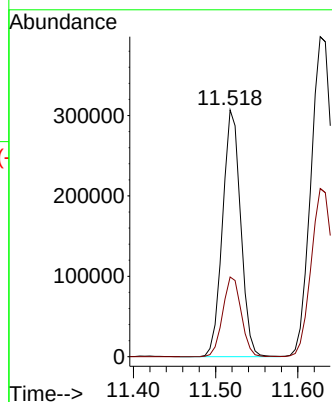
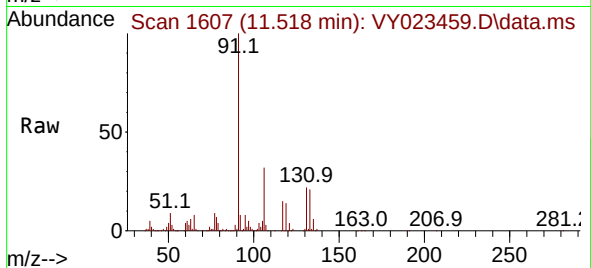
VY1014SBSD01

Tgt Ion: 91 Resp: 469622

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.8



#68

m/p-Xylenes

Concen: 40.966 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023459.D

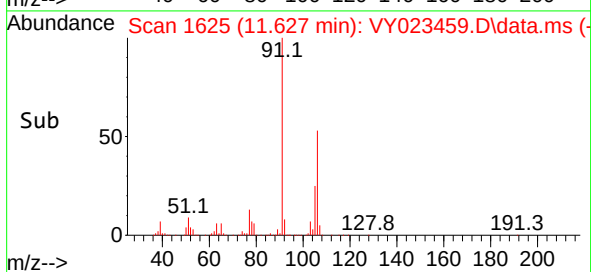
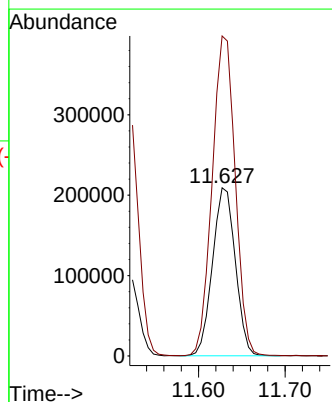
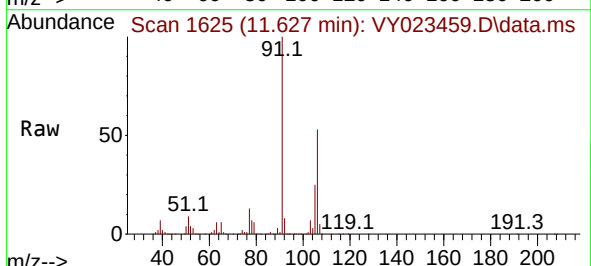
Acq: 14 Oct 2025 12:49

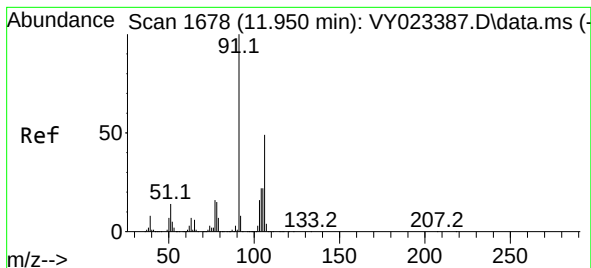
Tgt Ion: 106 Resp: 383041

Ion Ratio Lower Upper

106 100

91 192.1 152.6 229.0

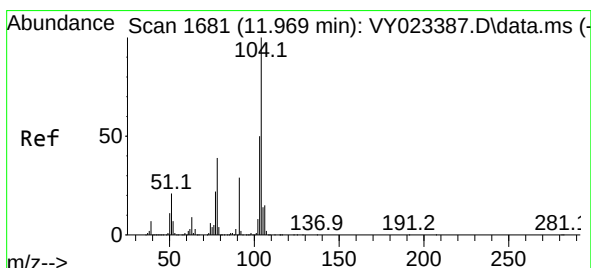
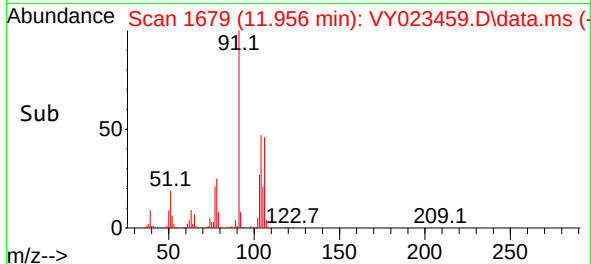
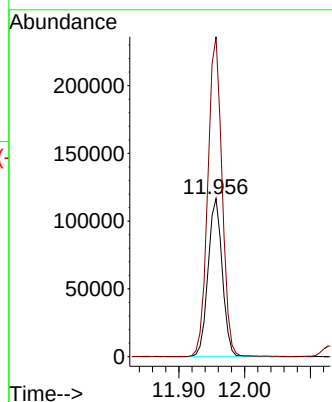
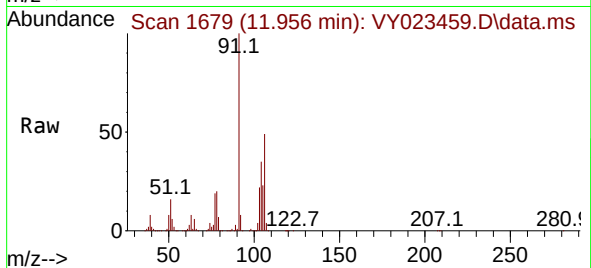




#69
o-Xylene
Concen: 19.984 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

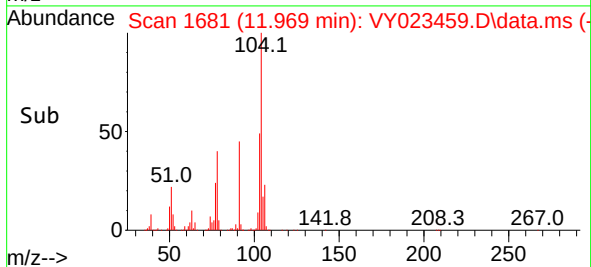
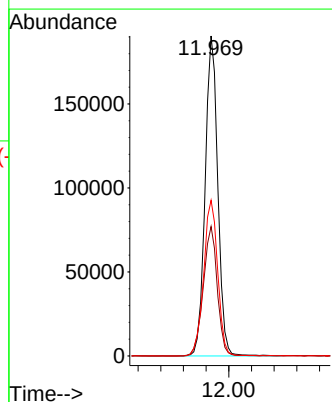
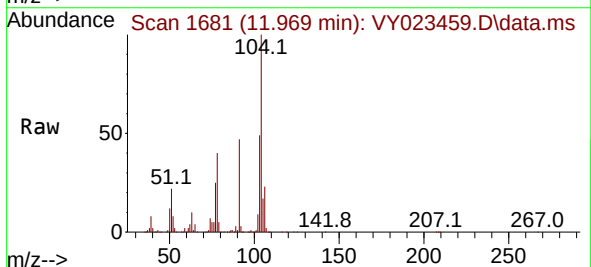
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

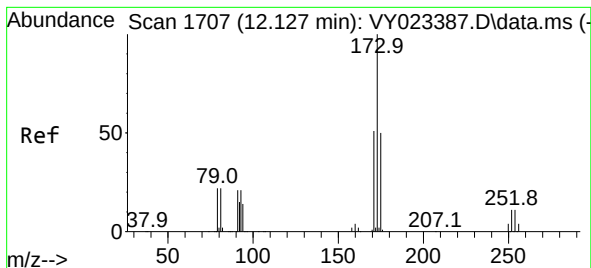
Tgt Ion:106 Resp: 175260
Ion Ratio Lower Upper
106 100
91 202.9 101.4 304.1



#70
Styrene
Concen: 20.499 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion:104 Resp: 295645
Ion Ratio Lower Upper
104 100
78 44.8 36.1 54.1
103 53.8 43.2 64.8





#71

Bromoform

Concen: 19.435 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

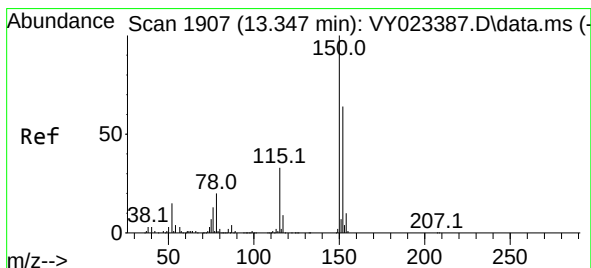
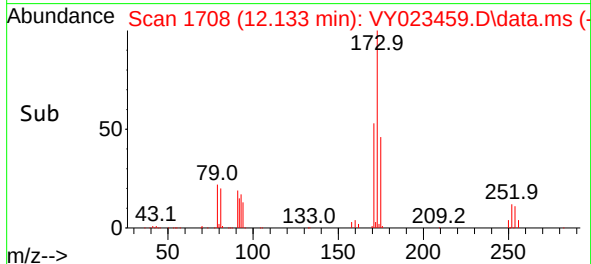
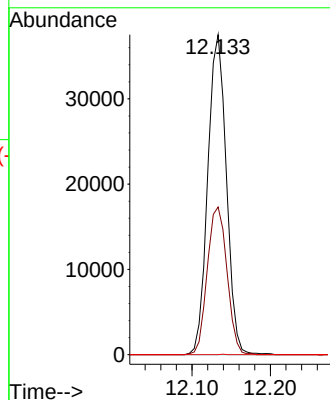
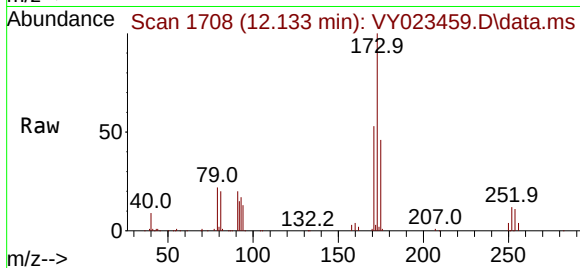
Tgt Ion:173 Resp: 61868

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

254 0.0 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: VY023459.D

Acq: 14 Oct 2025 12:49

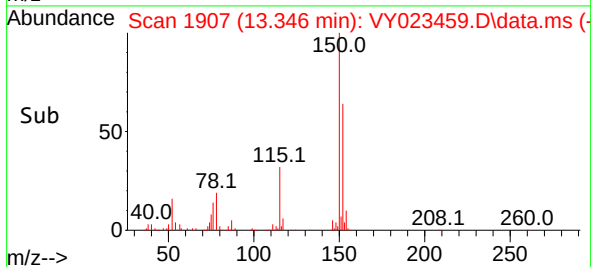
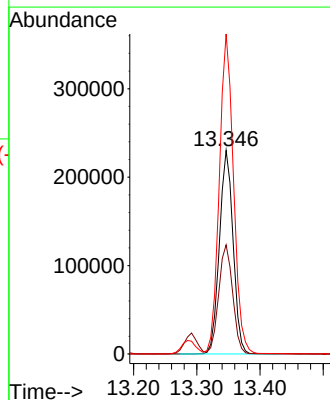
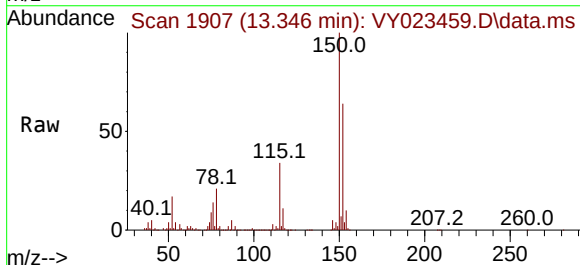
Tgt Ion:152 Resp: 344738

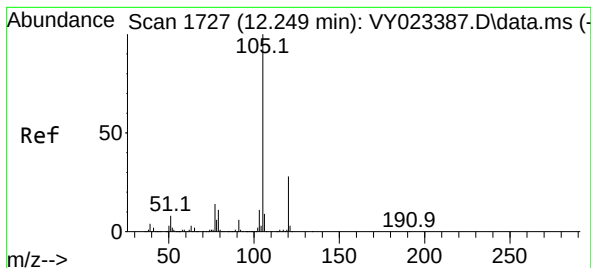
Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

150 163.3 0.0 347.4





#73

Isopropylbenzene

Concen: 20.230 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

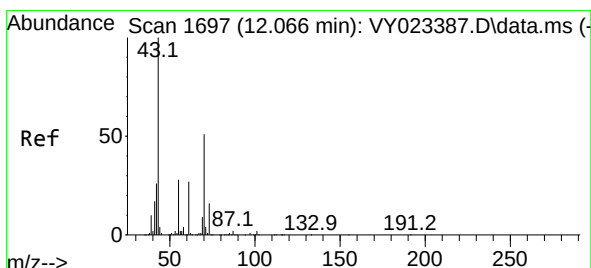
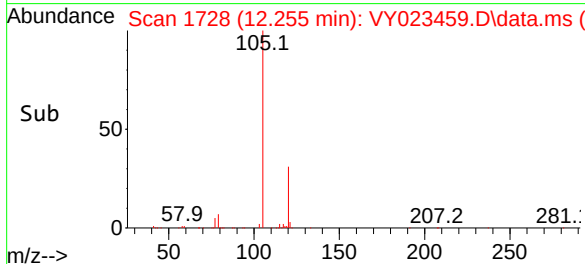
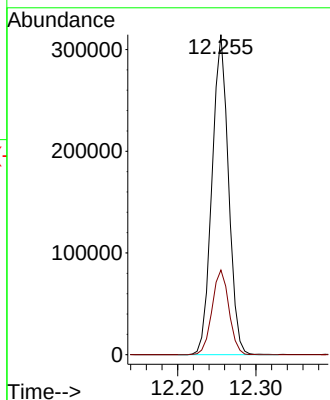
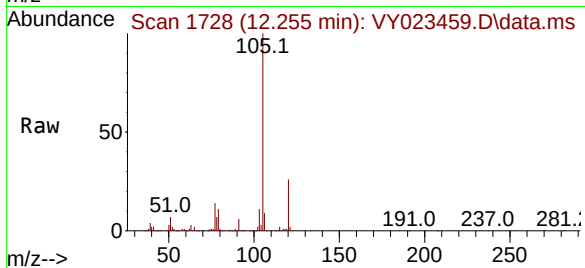
VY1014SBSD01

Tgt Ion:105 Resp: 459589

Ion Ratio Lower Upper

105 100

120 27.0 13.9 41.7



#74

N-ethyl acetate

Concen: 16.690 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Tgt Ion: 43 Resp: 68107

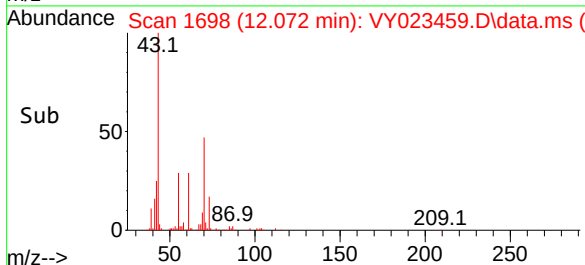
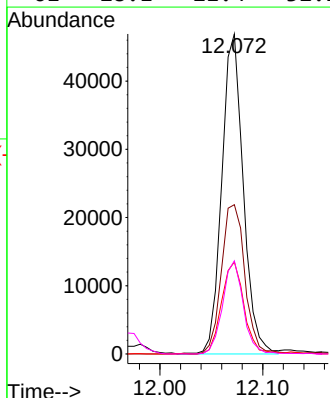
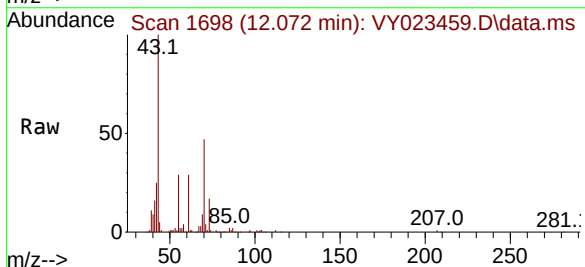
Ion Ratio Lower Upper

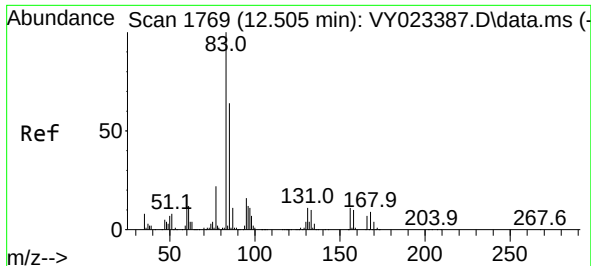
43 100

70 51.1 41.1 61.7

55 30.0 23.0 34.6

61 28.1 21.4 32.2

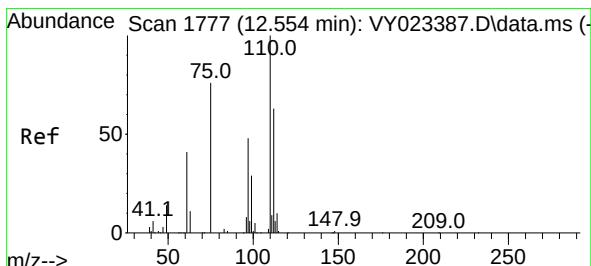
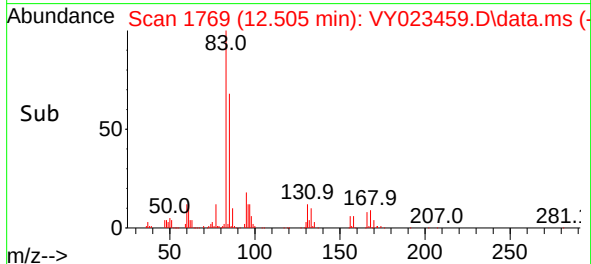
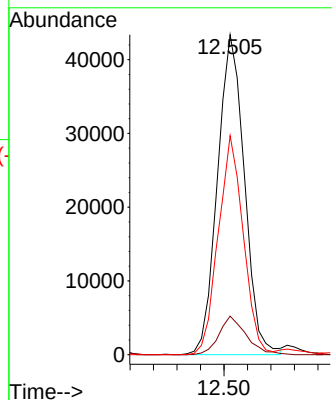
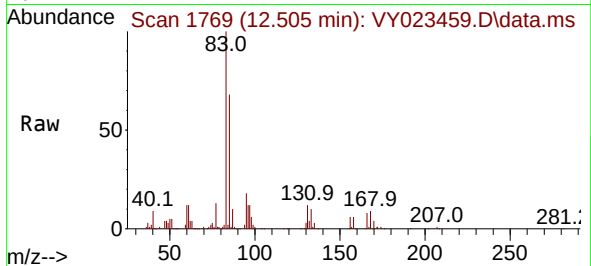




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.604 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

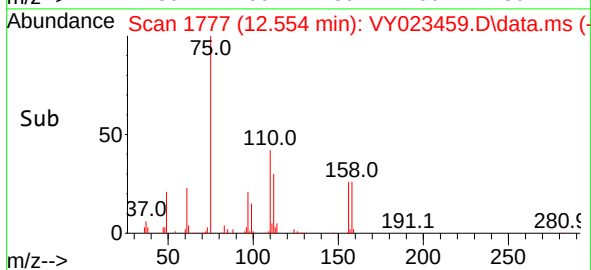
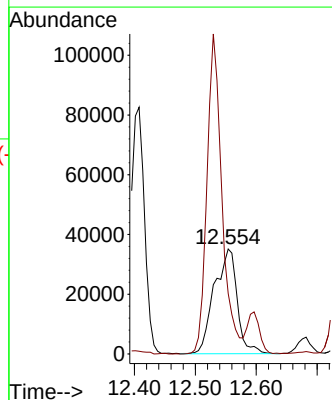
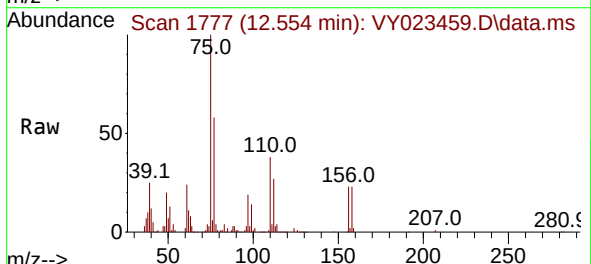
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBSD01

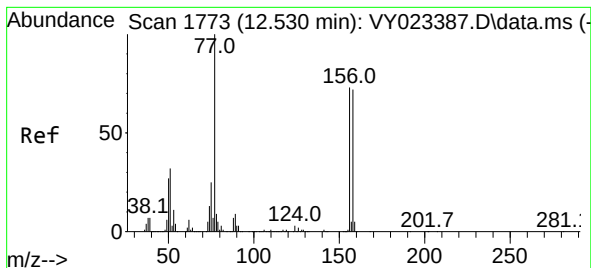
Tgt Ion: 83 Resp: 69130
 Ion Ratio Lower Upper
 83 100
 131 12.1 5.9 17.6
 85 63.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 30.179 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

Tgt Ion: 75 Resp: 91789
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.923 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

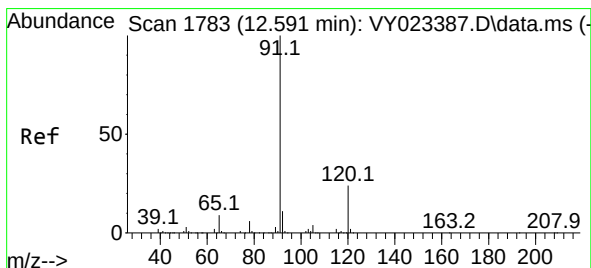
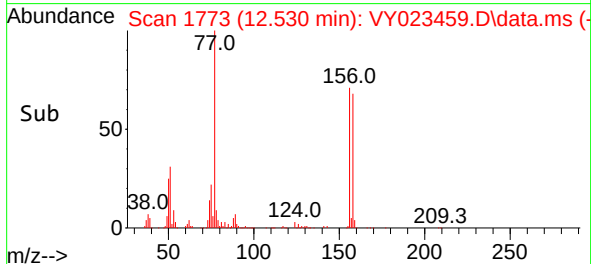
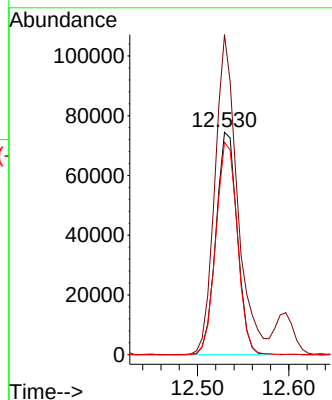
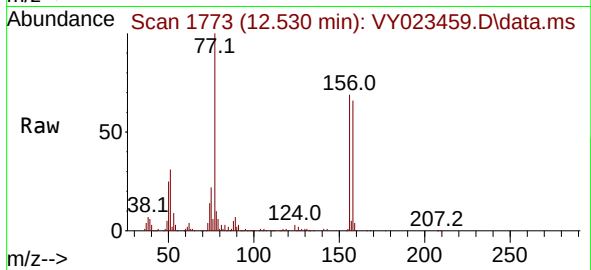
Tgt Ion:156 Resp: 120331

Ion Ratio Lower Upper

156 100

77 153.4 76.8 230.5

158 96.8 49.0 147.2



#78

n-propylbenzene

Concen: 20.550 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023459.D

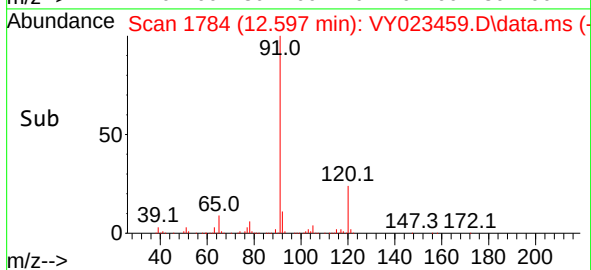
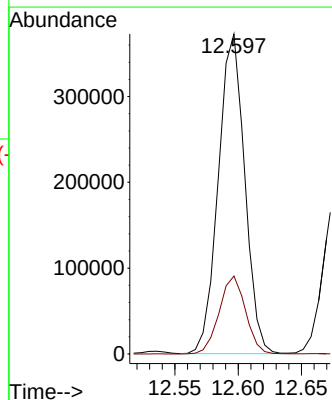
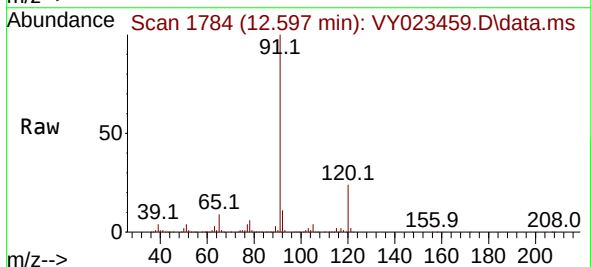
Acq: 14 Oct 2025 12:49

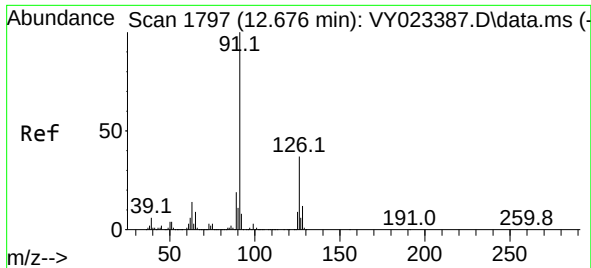
Tgt Ion: 91 Resp: 540264

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8

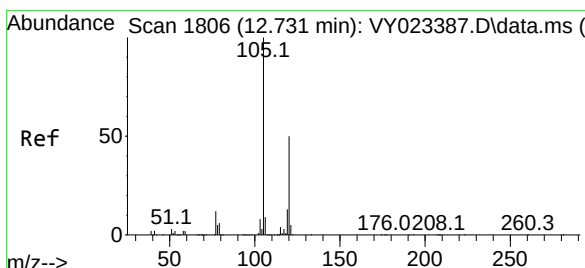
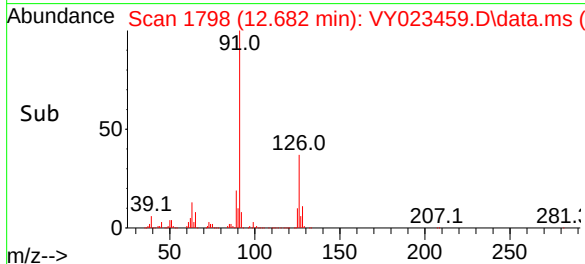
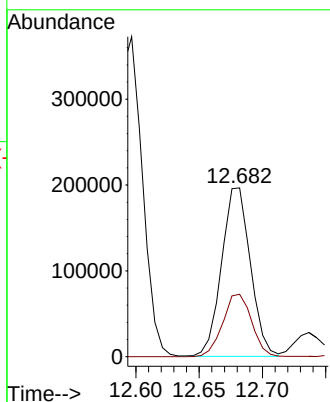
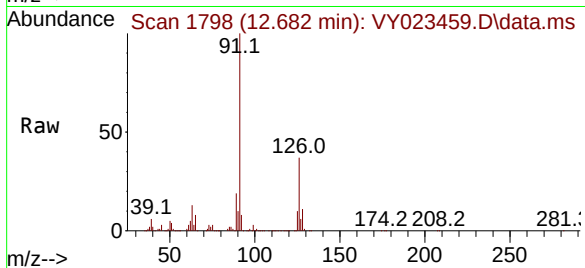




#79
2-Chlorotoluene
Concen: 20.257 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

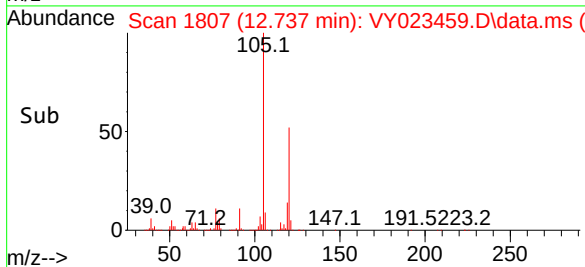
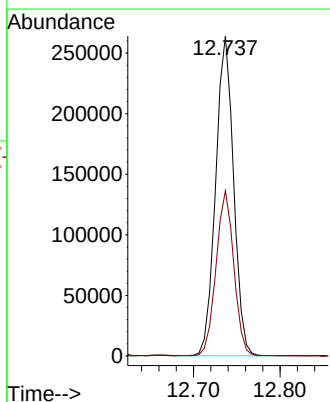
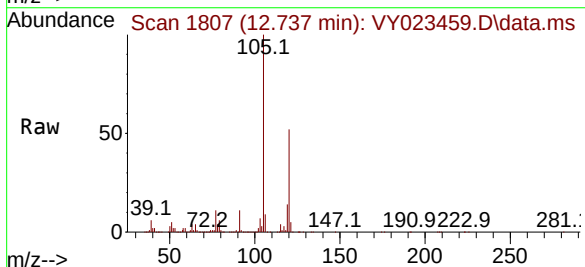
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

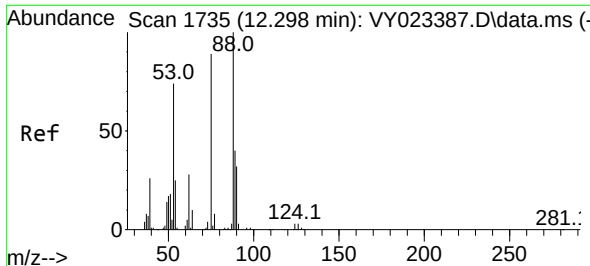
Tgt Ion: 91 Resp: 311862
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 20.670 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 105 Resp: 379470
Ion Ratio Lower Upper
105 100
120 51.2 25.4 76.4

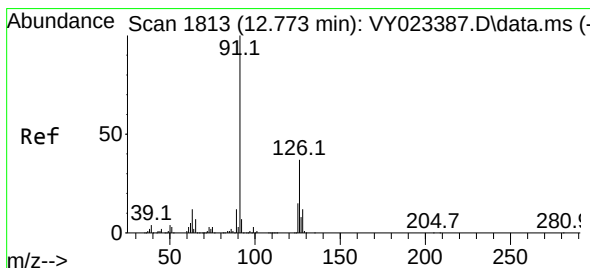
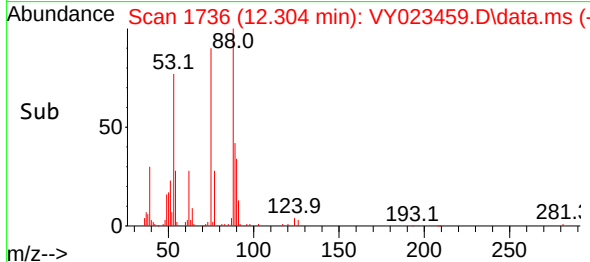
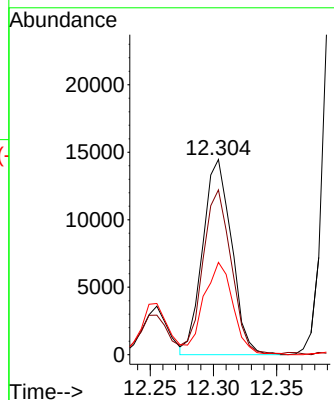
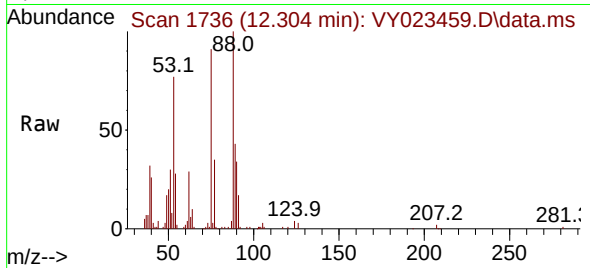




#81
trans-1,4-Dichloro-2-butene
Concen: 18.526 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

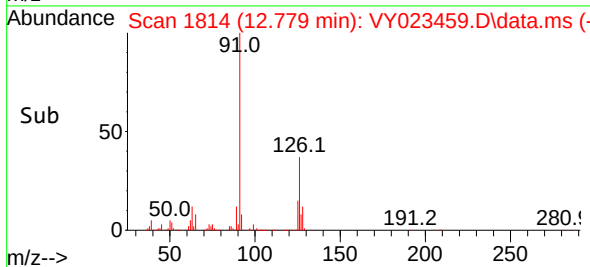
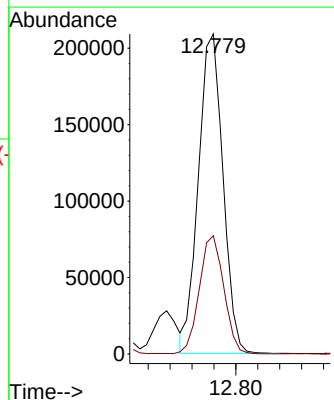
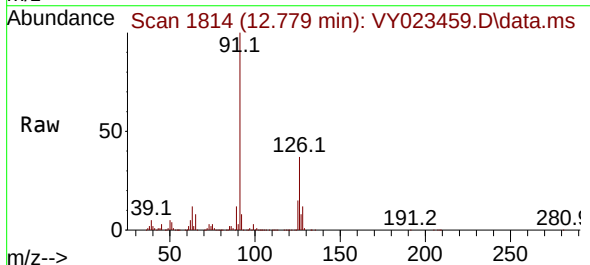
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

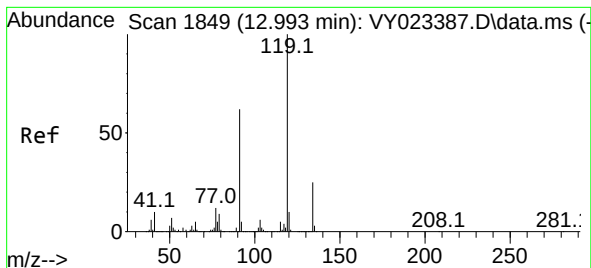
Tgt Ion: 75 Resp: 22978
Ion Ratio Lower Upper
75 100
53 82.1 68.6 102.8
89 47.4 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.528 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 91 Resp: 325484
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4





#83

tert-Butylbenzene

Concen: 19.900 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBSD01

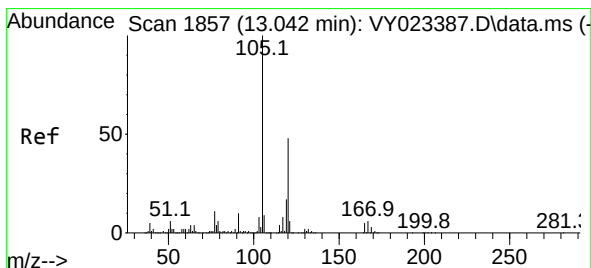
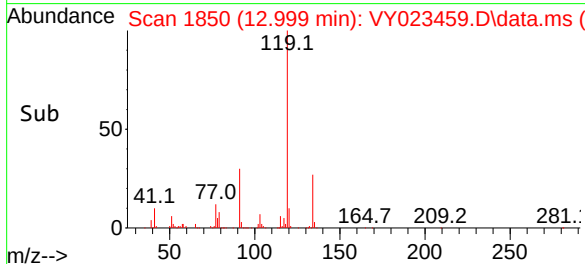
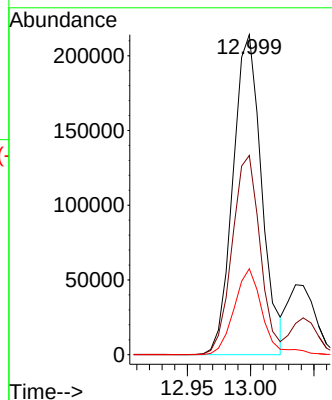
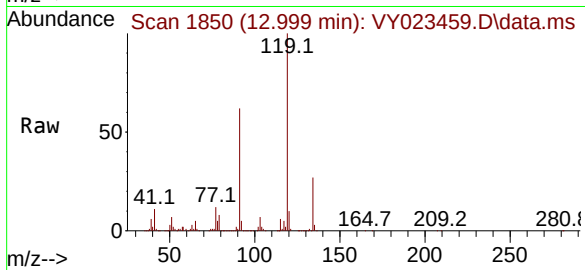
Tgt Ion:119 Resp: 337311

Ion Ratio Lower Upper

119 100

91 60.7 29.9 89.8

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.587 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023459.D

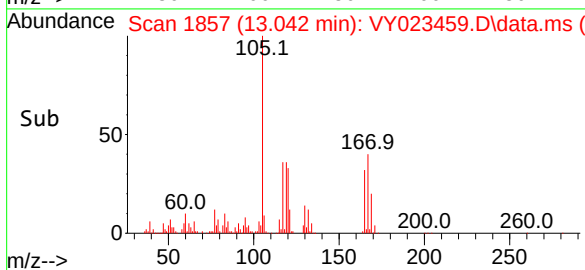
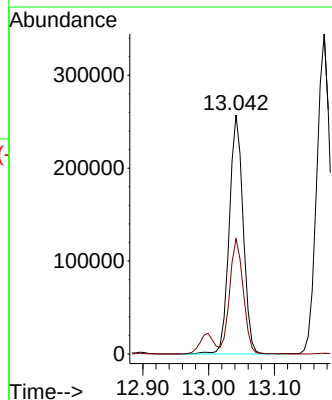
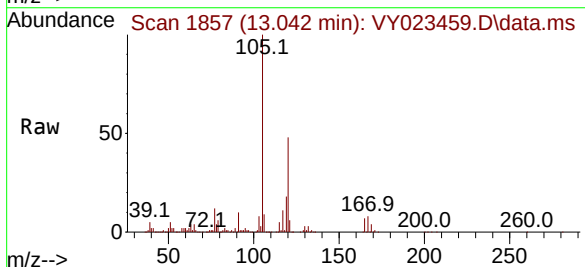
Acq: 14 Oct 2025 12:49

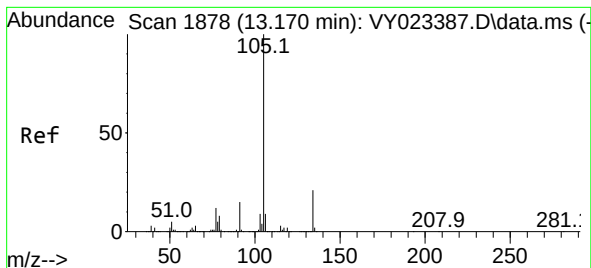
Tgt Ion:105 Resp: 377183

Ion Ratio Lower Upper

105 100

120 46.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.373 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

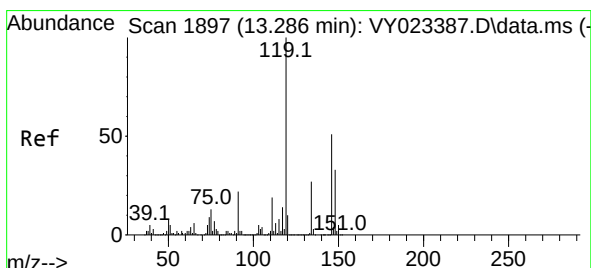
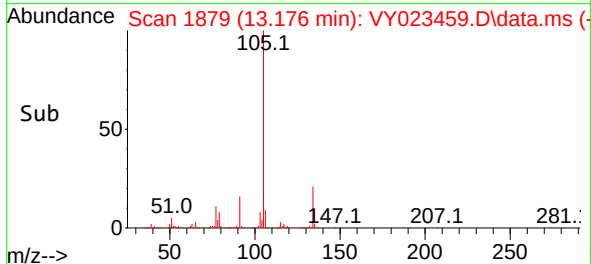
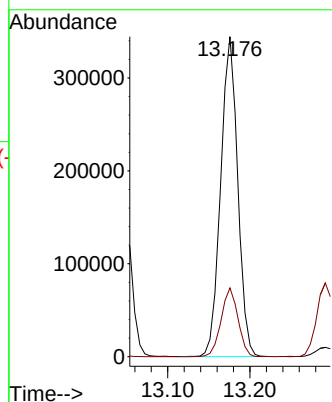
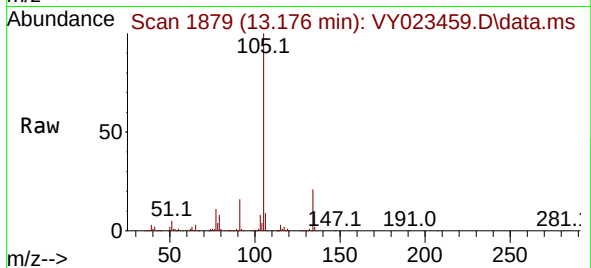
VY1014SBSD01

Tgt Ion:105 Resp: 495374

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.327 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

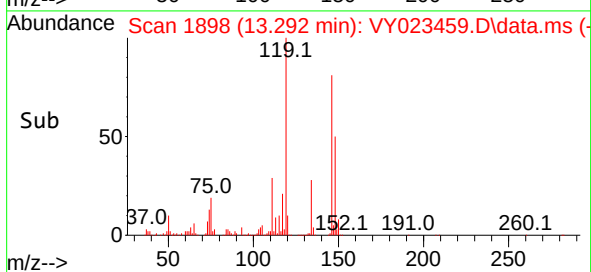
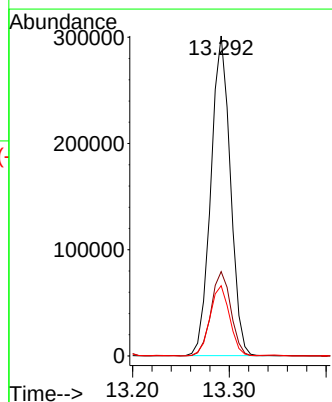
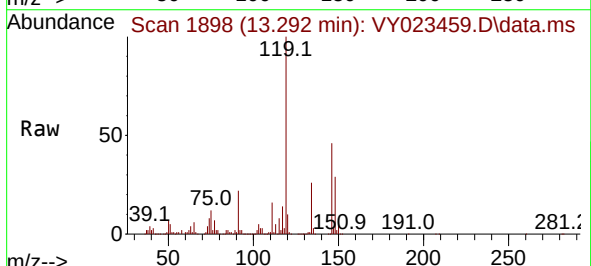
Tgt Ion:119 Resp: 420809

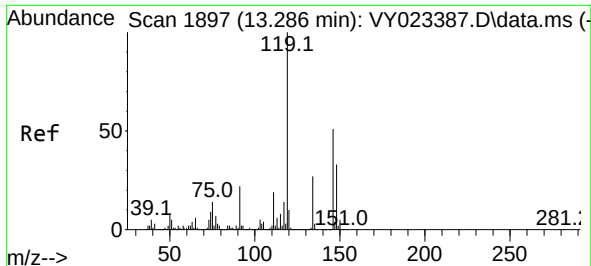
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 10.9 32.9

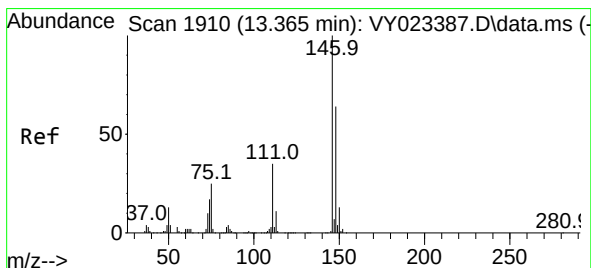
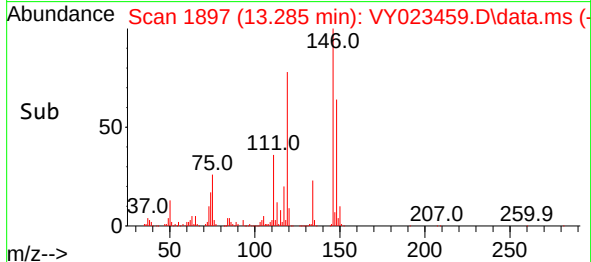
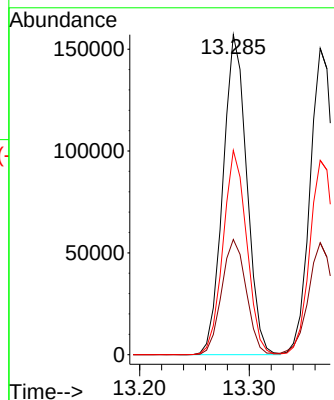
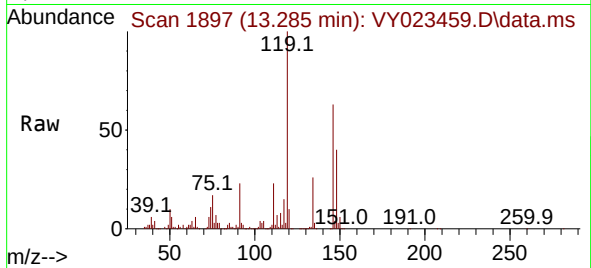




#87
 1,3-Dichlorobenzene
 Concen: 20.176 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

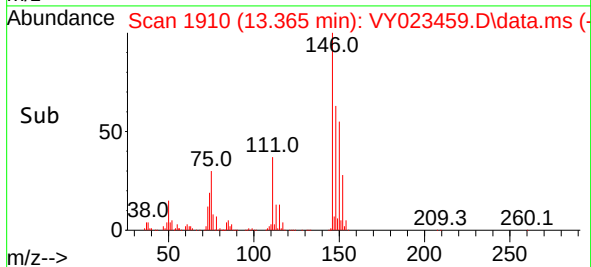
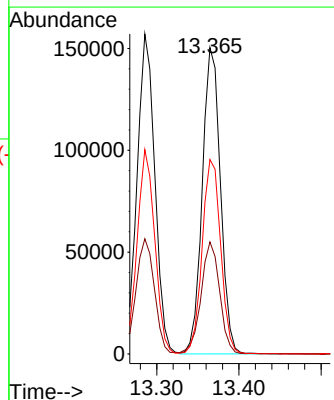
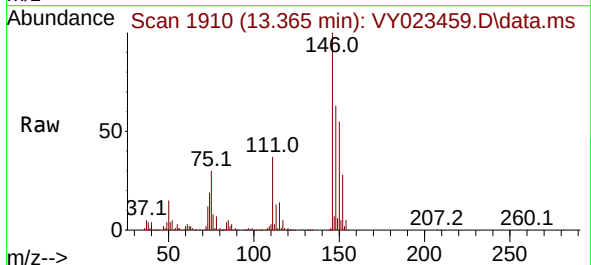
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

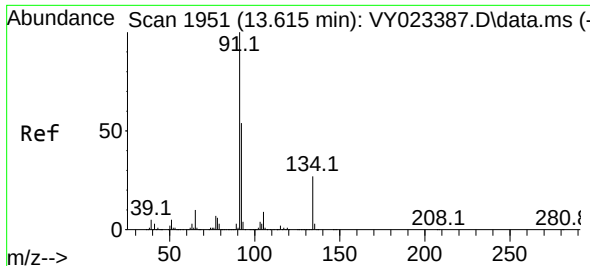
Tgt Ion:146 Resp: 237294
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.850 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

Tgt Ion:146 Resp: 230573
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.0 54.0
 148 64.8 31.9 95.7

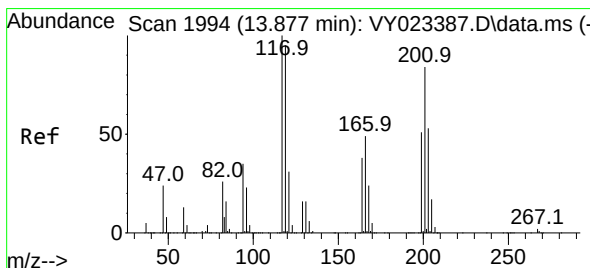
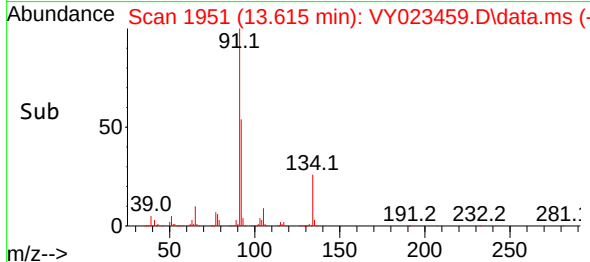
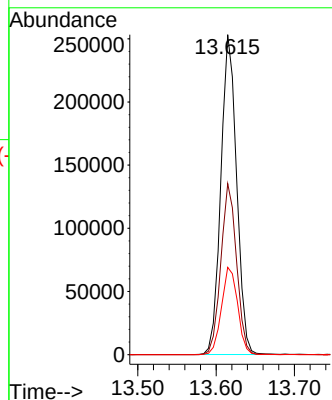
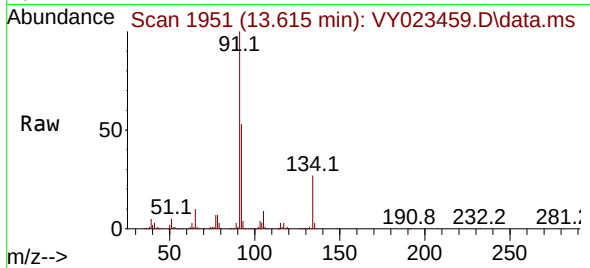




#89
n-Butylbenzene
Concen: 19.681 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

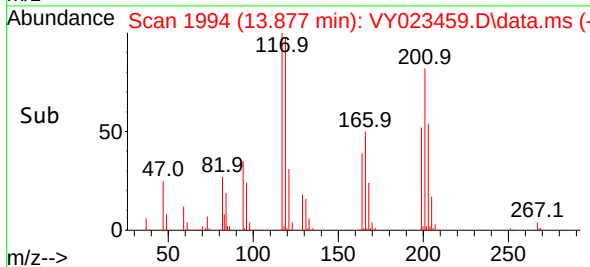
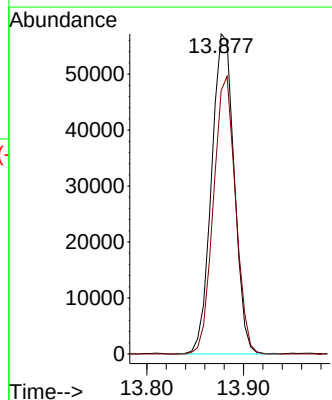
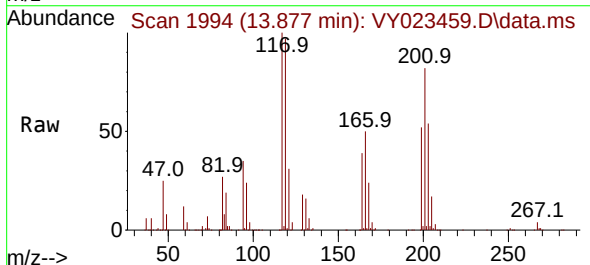
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

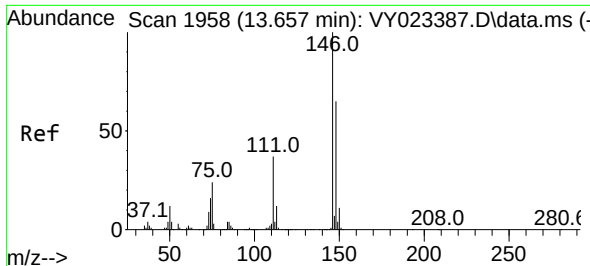
Tgt Ion: 91 Resp: 355030
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 28.0 14.1 42.2



#90
Hexachloroethane
Concen: 20.937 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023459.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 117 Resp: 93227
Ion Ratio Lower Upper
117 100
201 84.3 43.8 131.4

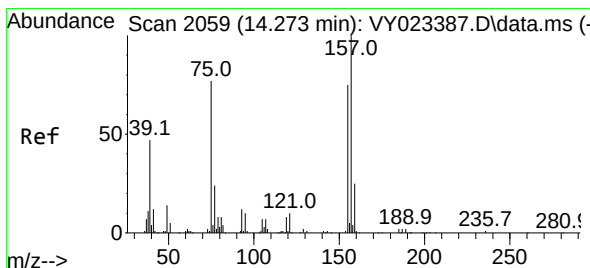
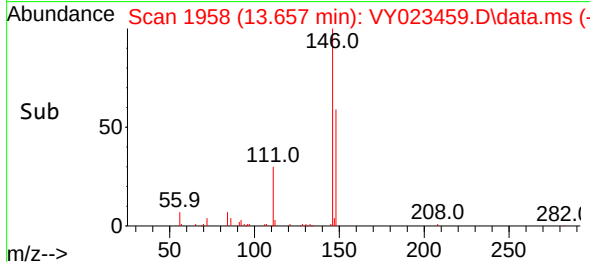
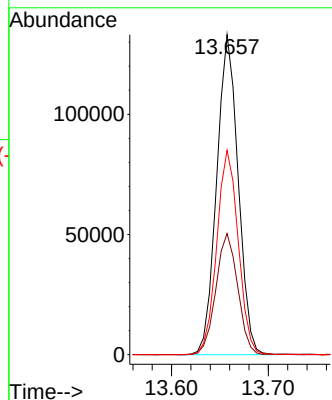
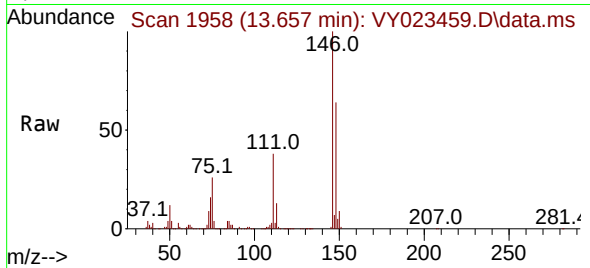




#91
 1,2-Dichlorobenzene
 Concen: 19.879 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

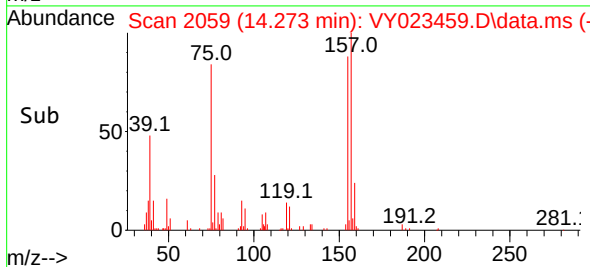
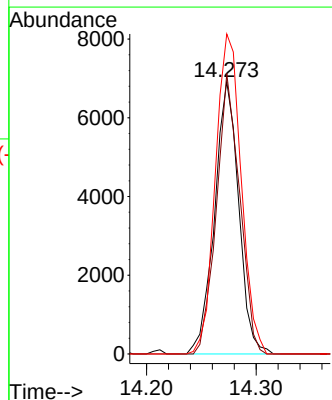
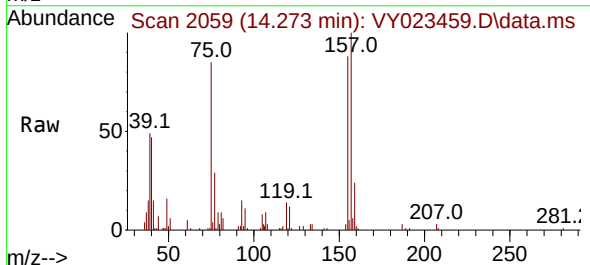
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBSD01

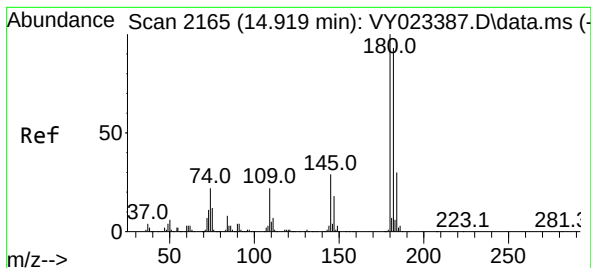
Tgt Ion:146 Resp: 204984
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.0 57.0
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.355 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023459.D
 Acq: 14 Oct 2025 12:49

Tgt Ion: 75 Resp: 10581
 Ion Ratio Lower Upper
 75 100
 155 99.2 50.0 150.0
 157 125.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 18.105 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

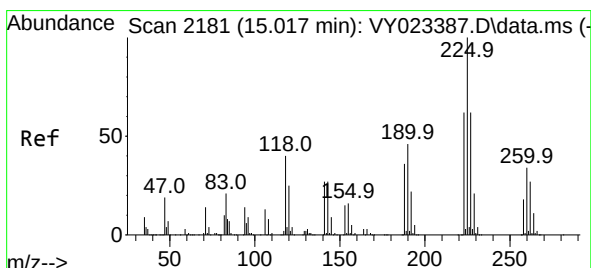
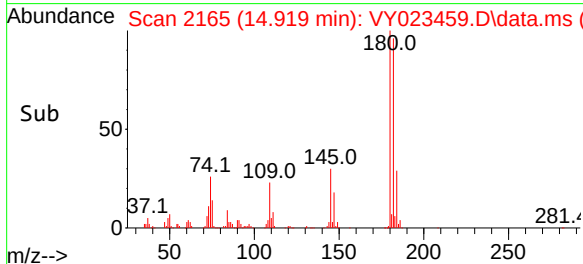
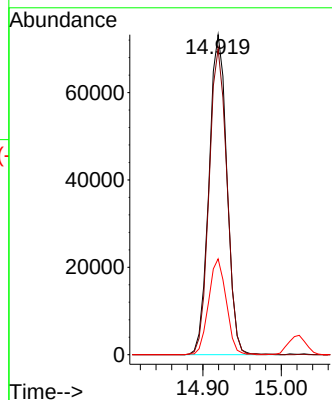
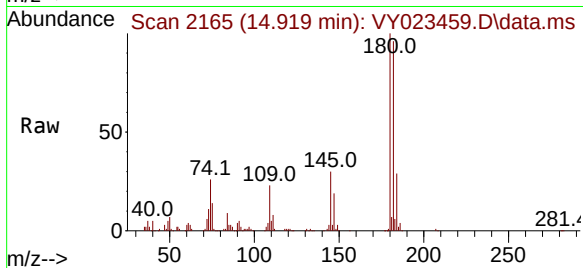
Tgt Ion:180 Resp: 116389

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.233 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

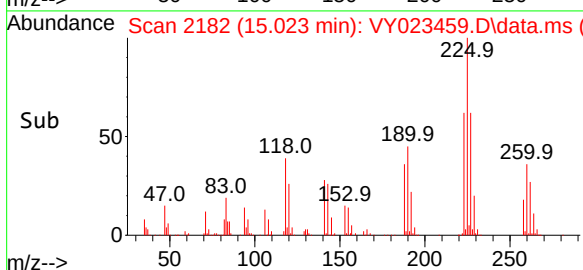
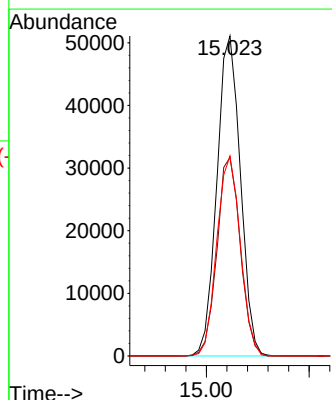
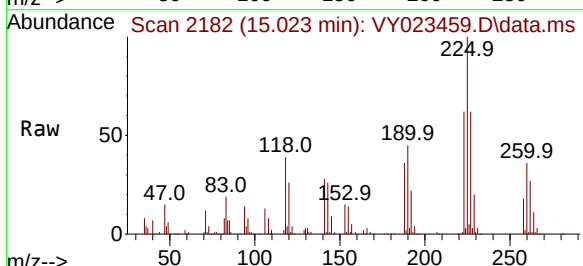
Tgt Ion:225 Resp: 81076

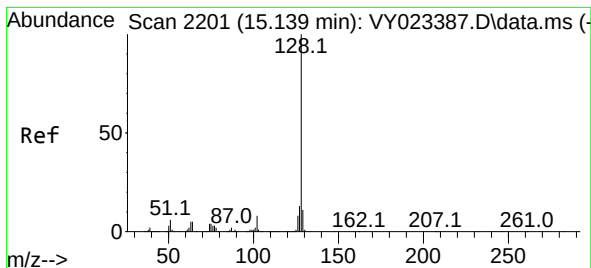
Ion Ratio Lower Upper

225 100

223 61.4 30.8 92.3

227 62.4 31.9 95.7





#95

Naphthalene

Concen: 15.092 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

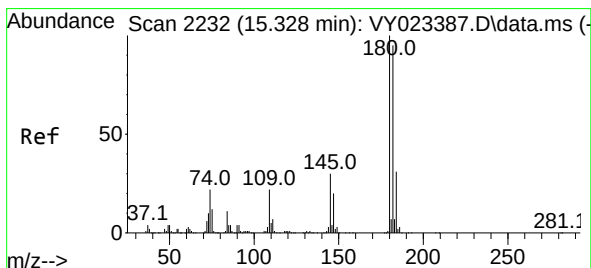
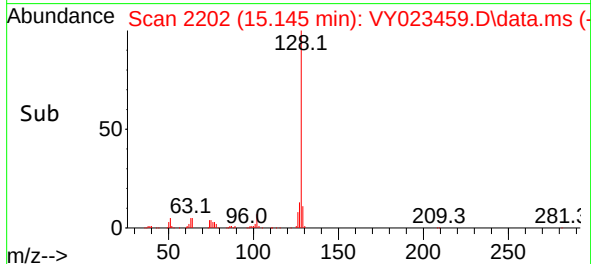
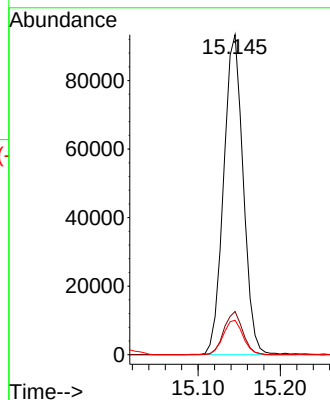
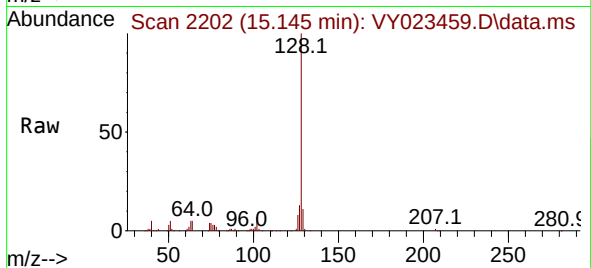
Tgt Ion:128 Resp: 154485

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.532 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023459.D

Acq: 14 Oct 2025 12:49

Tgt Ion:180 Resp: 97618

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.8

145 31.2 15.3 45.9

