

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023587.D
 Acq On : 27 Oct 2025 10:17
 Operator : SY/MD
 Sample : VY1027SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

Quant Time: Oct 28 04:36:05 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	7.707	168	499774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	732575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	644176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195073	46.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.634	113	227097	50.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.109	98	822762	49.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.408	95	271973	49.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71824	19.966	ug/l	95
3) Chloromethane	2.074	50	90648	18.498	ug/l	99
4) Vinyl Chloride	2.208	62	122333	19.166	ug/l	99
5) Bromomethane	2.592	94	111461	20.809	ug/l	97
6) Chloroethane	2.732	64	87222	20.047	ug/l	100
7) Trichlorofluoromethane	3.056	101	182989	20.648	ug/l	95
8) Diethyl Ether	3.452	74	44668	19.288	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	98823	21.488	ug/l	98
10) Methyl Iodide	4.007	142	99971	19.527	ug/l	99
11) Tert butyl alcohol	4.854	59	25017	80.465	ug/l	97
12) 1,1-Dichloroethene	3.793	96	91057	20.425	ug/l	96
13) Acrolein	3.653	56	18444	41.983	ug/l	100
14) Allyl chloride	4.385	41	106830	19.663	ug/l	97
15) Acrylonitrile	5.055	53	85666	96.662	ug/l	99
16) Acetone	3.872	43	131477	132.147	ug/l	100
17) Carbon Disulfide	4.110	76	248009	19.437	ug/l	100
18) Methyl Acetate	4.391	43	40005	15.328	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	211366	19.727	ug/l	96
20) Methylene Chloride	4.616	84	105371	19.586	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	103122	21.010	ug/l	96
22) Diisopropyl ether	6.018	45	249840	20.789	ug/l	98
23) Vinyl Acetate	5.964	43	658856	101.283	ug/l	100
24) 1,1-Dichloroethane	5.921	63	167346	21.021	ug/l	98
25) 2-Butanone	6.896	43	133835	110.184	ug/l	93
26) 2,2-Dichloropropane	6.890	77	157622	21.578	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	122389	21.587	ug/l	97
28) Bromochloromethane	7.250	49	60920	20.499	ug/l	98
29) Tetrahydrofuran	7.262	42	62255	90.383	ug/l	99
30) Chloroform	7.421	83	190441	21.773	ug/l	98
31) Cyclohexane	7.701	56	138725	19.954	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	173001	21.765	ug/l	99
36) 1,1-Dichloropropene	7.835	75	126802	21.278	ug/l	99
37) Ethyl Acetate	6.988	43	45622	19.324	ug/l	98
38) Carbon Tetrachloride	7.823	117	156366	21.639	ug/l	100
39) Methylcyclohexane	9.109	83	159113	20.507	ug/l	98
40) Benzene	8.079	78	407526	21.594	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23723	18.579	ug/l	93
42) 1,2-Dichloroethane	8.158	62	101743	20.904	ug/l	99
43) Isopropyl Acetate	8.195	43	87878	18.667	ug/l	98
44) Trichloroethene	8.865	130	120671	21.846	ug/l	98
45) 1,2-Dichloropropane	9.140	63	90039	21.600	ug/l	96
46) Dibromomethane	9.231	93	55698	21.131	ug/l	98
47) Bromodichloromethane	9.426	83	143142	21.562	ug/l	97
48) Methyl methacrylate	9.225	41	40623	18.368	ug/l	99
49) 1,4-Dioxane	9.231	88	11549	377.901	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	232057	95.406	ug/l	99
52) Toluene	10.170	92	264958	21.623	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	118614	20.549	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	143035	20.995	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	74277	20.955	ug/l	97
56) Ethyl methacrylate	10.438	69	79786	19.514	ug/l	98
57) 1,3-Dichloropropane	10.719	76	118060	21.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	172090	93.954	ug/l	99
59) 2-Hexanone	10.761	43	188221	108.283	ug/l	99
60) Dibromochloromethane	10.914	129	103231	20.773	ug/l	98
61) 1,2-Dibromoethane	11.018	107	69606	20.591	ug/l	99
64) Tetrachloroethene	10.646	164	149629	22.496	ug/l	98
65) Chlorobenzene	11.444	112	300150	21.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	107648	21.561	ug/l	100
67) Ethyl Benzene	11.517	91	482176	21.261	ug/l	99
68) m/p-Xylenes	11.627	106	396042	43.538	ug/l	98
69) o-Xylene	11.956	106	182977	21.446	ug/l	99
70) Styrene	11.969	104	299250	21.328	ug/l	99
71) Bromoform	12.133	173	63230	20.417	ug/l #	99
73) Isopropylbenzene	12.255	105	477591	20.978	ug/l	100
74) N-amyl acetate	12.072	43	73513	17.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70375	18.899	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	99119	32.520	ug/l #	100
77) Bromobenzene	12.529	156	124518	20.573	ug/l	100
78) n-propylbenzene	12.596	91	565369	21.460	ug/l	99
79) 2-Chlorotoluene	12.682	91	326754	21.179	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	399645	21.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	23427	18.848	ug/l	97
82) 4-Chlorotoluene	12.773	91	339541	21.370	ug/l	99
83) tert-Butylbenzene	12.999	119	363021	21.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	397243	21.636	ug/l	99
85) sec-Butylbenzene	13.176	105	529053	21.712	ug/l	100
86) p-Isopropyltoluene	13.291	119	450136	21.697	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	250810	21.280	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	243581	20.925	ug/l	98
89) n-Butylbenzene	13.615	91	380196	21.032	ug/l	99
90) Hexachloroethane	13.877	117	94960	21.281	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	218613	21.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11178	18.295	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	127872	19.850	ug/l	100
94) Hexachlorobutadiene	15.023	225	84513	21.046	ug/l	97
95) Naphthalene	15.145	128	177886	17.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	107539	19.273	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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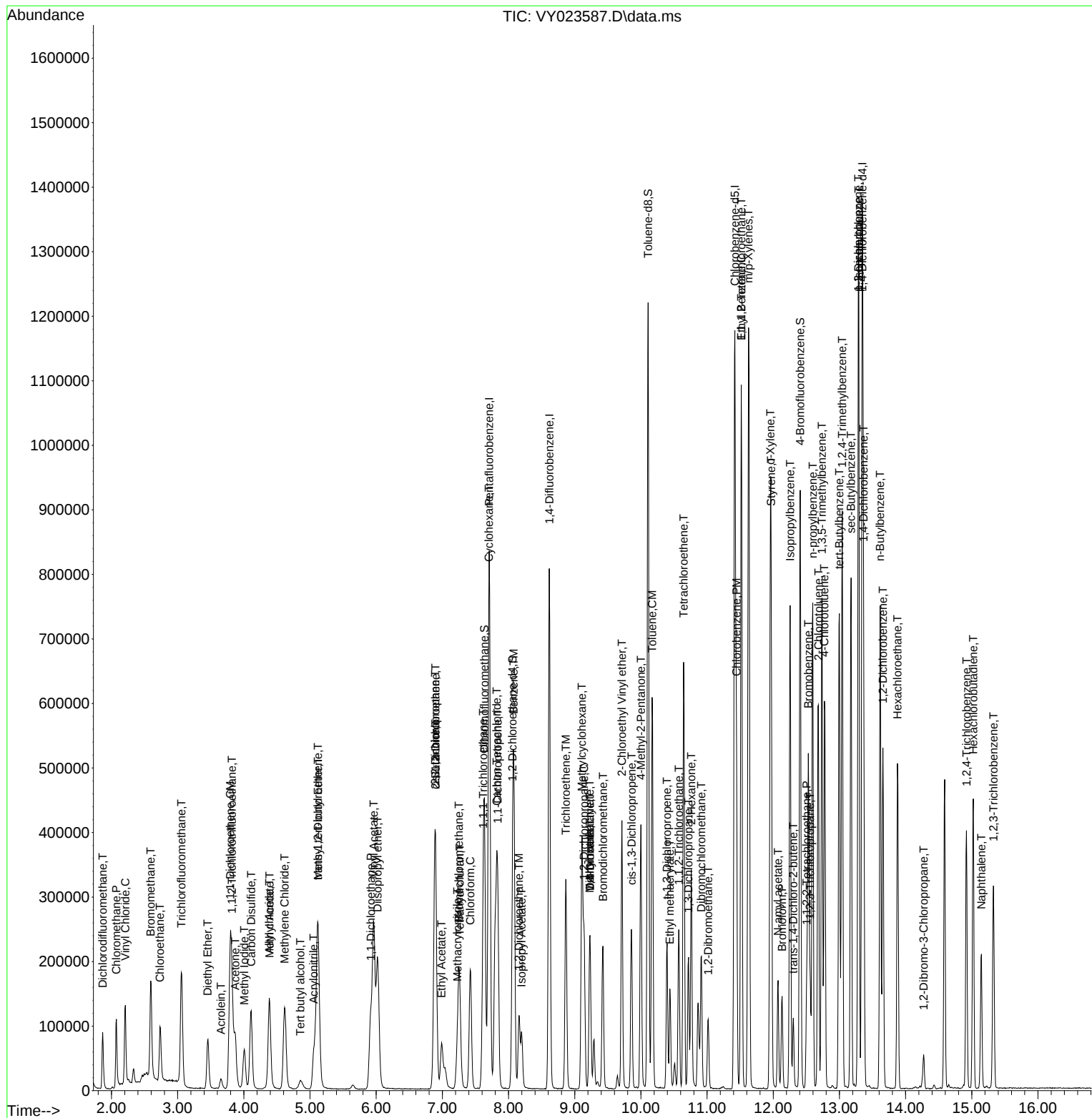
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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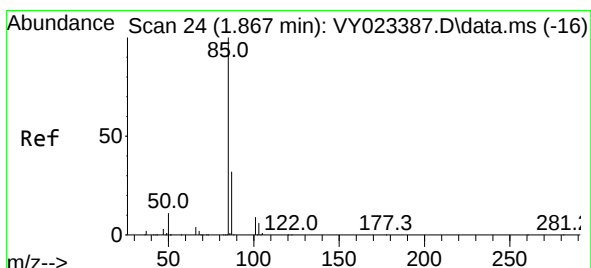
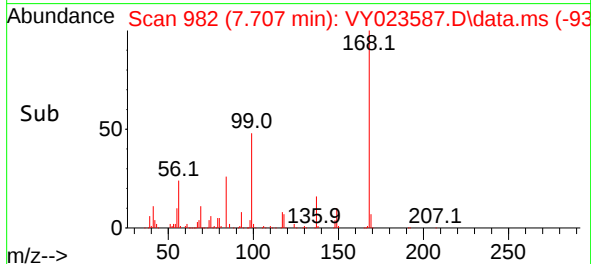
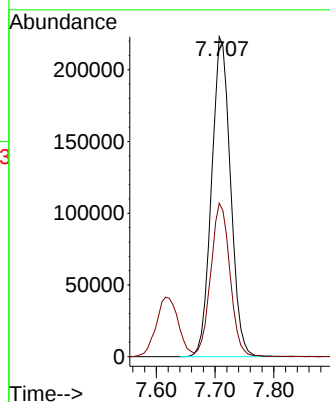
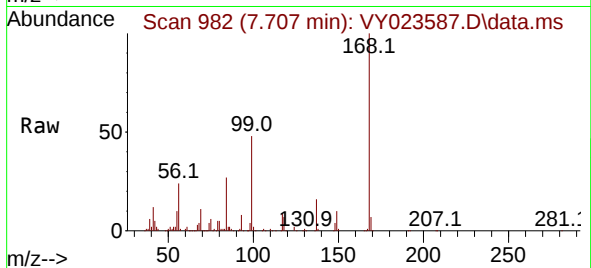




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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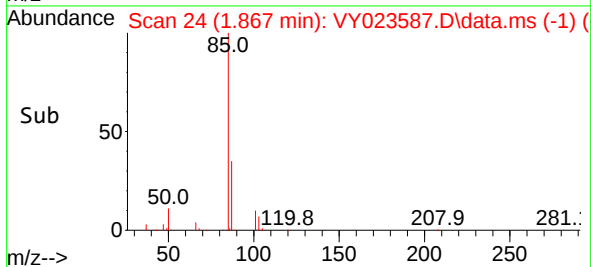
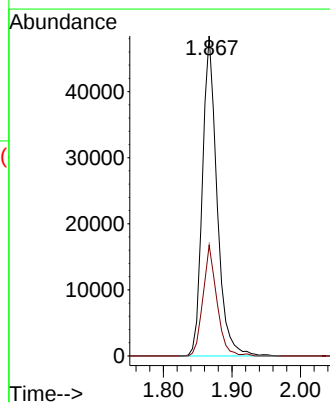
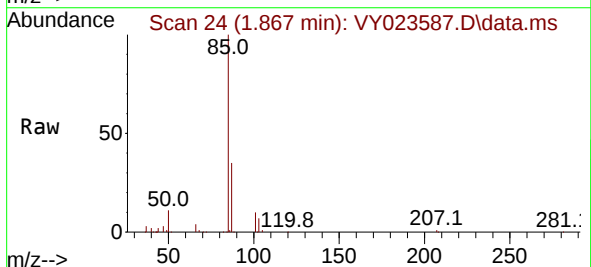
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion:168 Resp: 499774
Ion Ratio Lower Upper
168 100
99 47.9 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 19.966 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 85 Resp: 71824
Ion Ratio Lower Upper
85 100
87 34.6 16.0 47.9

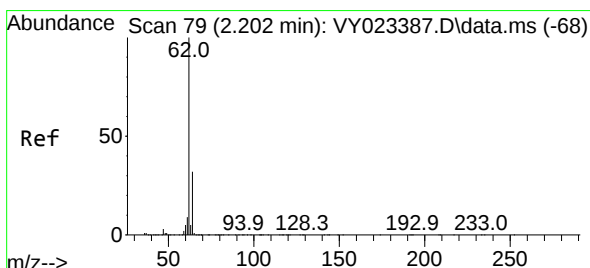
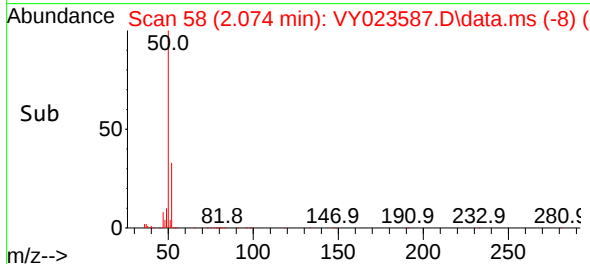
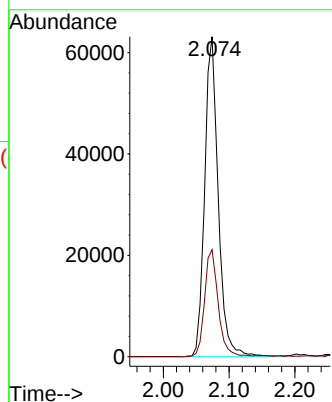
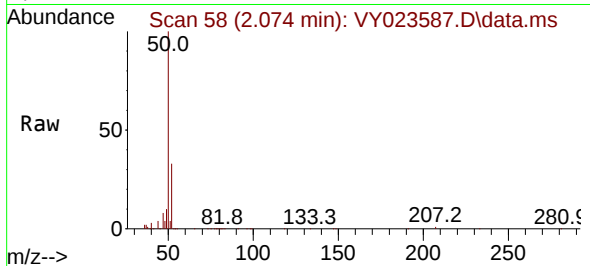




#3
Chloromethane
Concen: 18.498 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

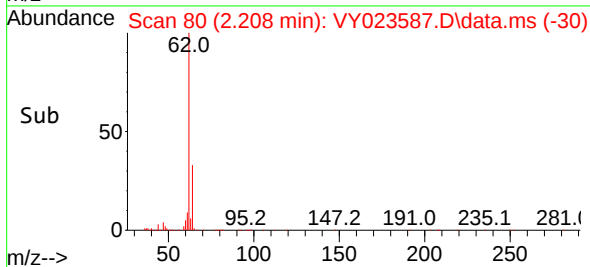
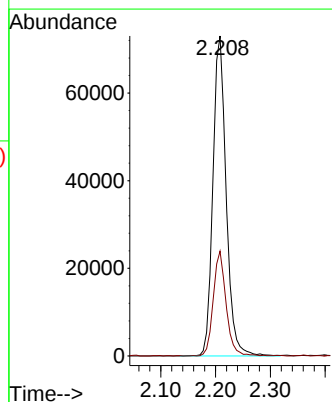
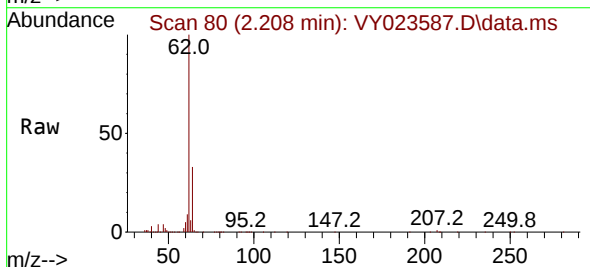
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion: 50 Resp: 90648
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 19.166 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 62 Resp: 122333
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8

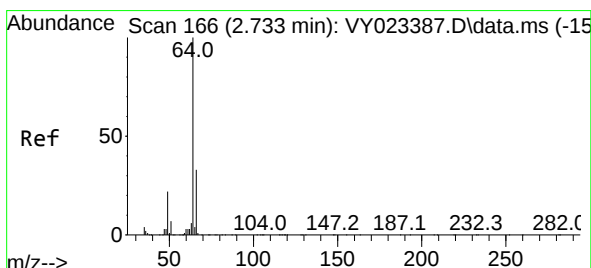
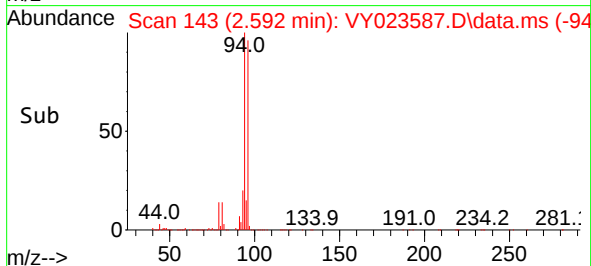
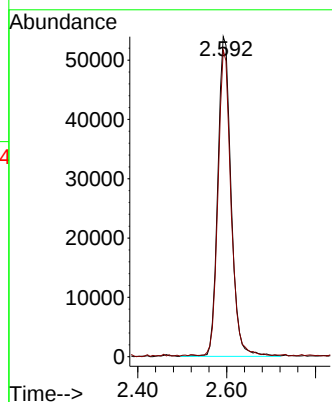
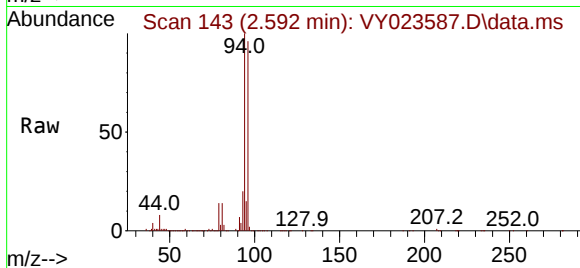




#5
Bromomethane
Concen: 20.809 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

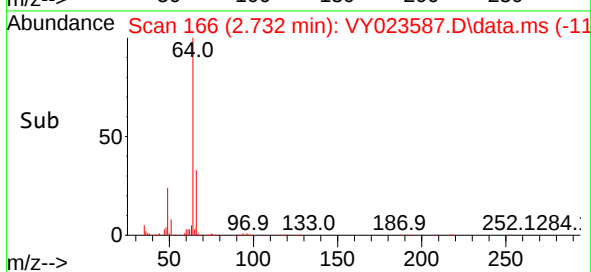
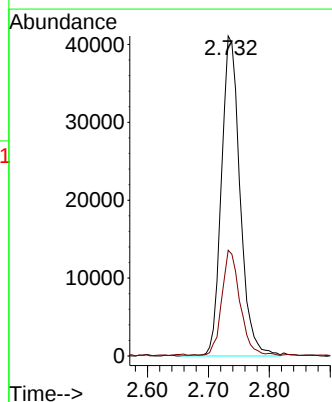
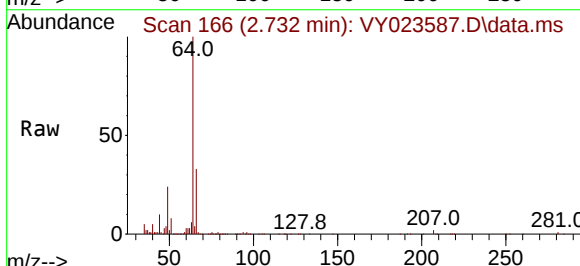
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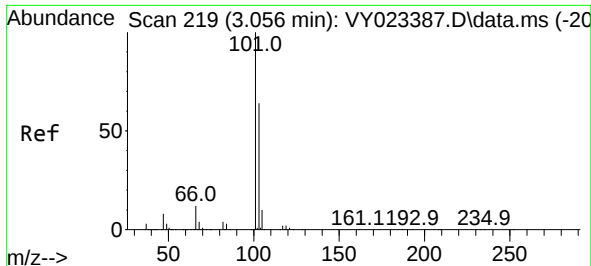
Tgt Ion: 94 Resp: 111461
Ion Ratio Lower Upper
94 100
96 95.7 74.5 111.7



#6
Chloroethane
Concen: 20.047 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 64 Resp: 87222
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

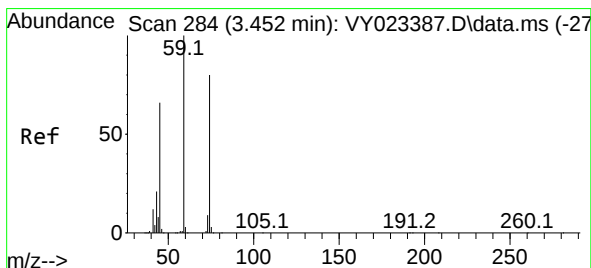
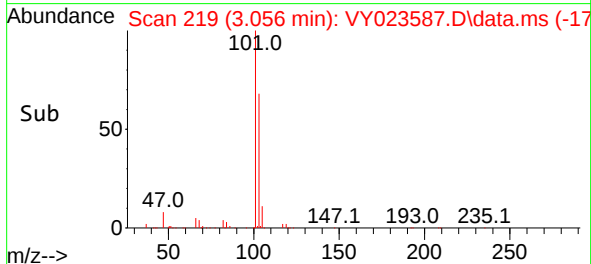
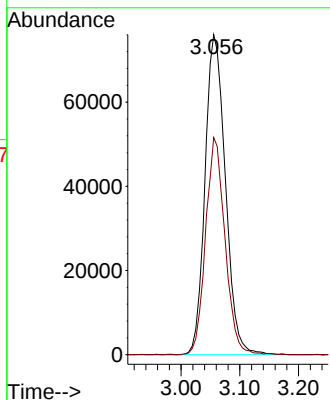
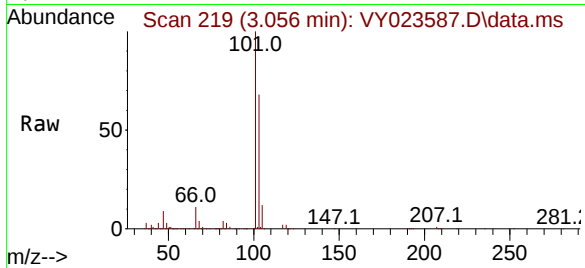




#7
Trichlorofluoromethane
Concen: 20.648 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023587.D
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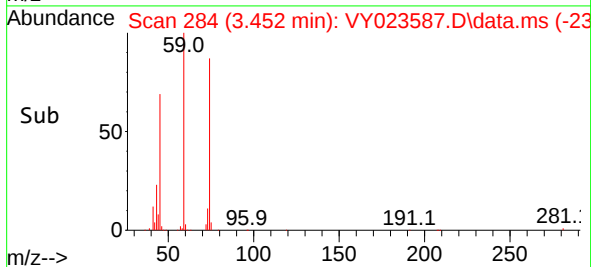
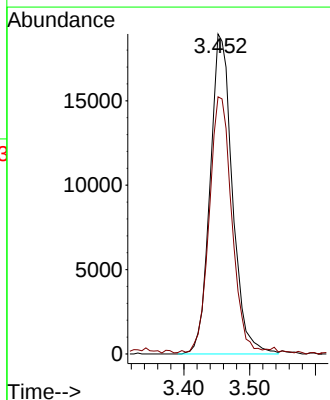
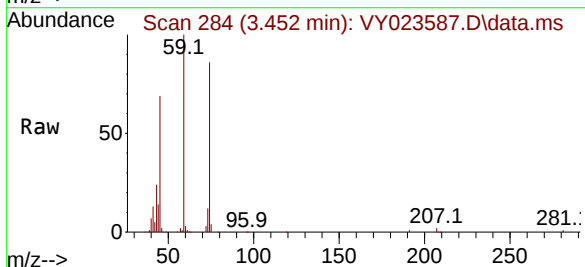
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion:101 Resp: 182989
Ion Ratio Lower Upper
101 100
103 67.9 51.3 76.9



#8
Diethyl Ether
Concen: 19.288 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 74 Resp: 44668
Ion Ratio Lower Upper
74 100
45 80.4 39.9 119.7

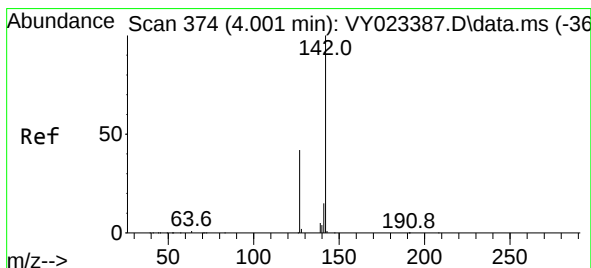
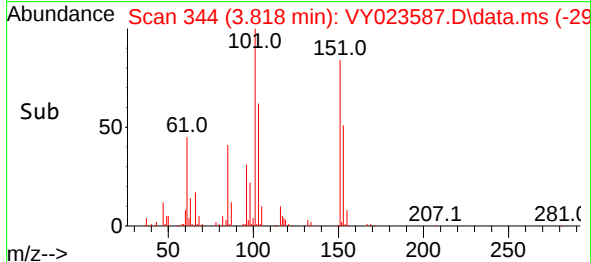
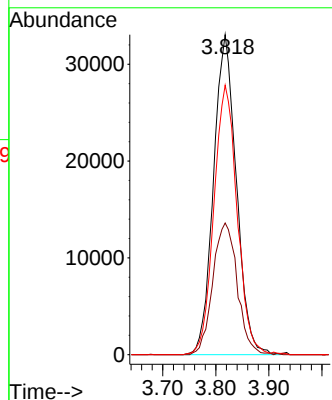
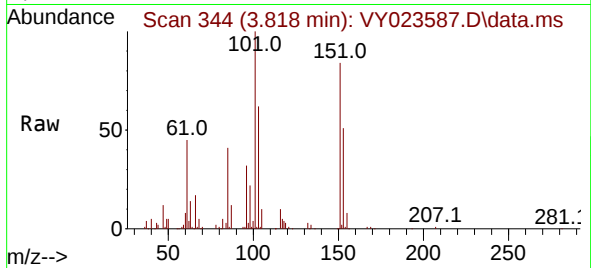




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.488 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023587.D
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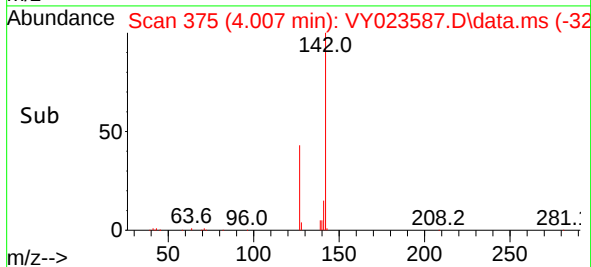
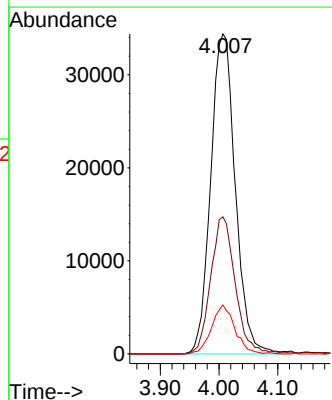
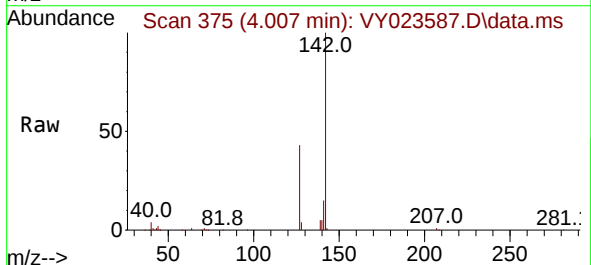
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion:101 Resp: 98823
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 85.8 67.0 100.6



#10
Methyl Iodide
Concen: 19.527 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:142 Resp: 99971
Ion Ratio Lower Upper
142 100
127 42.8 34.8 52.2
141 14.5 11.6 17.4

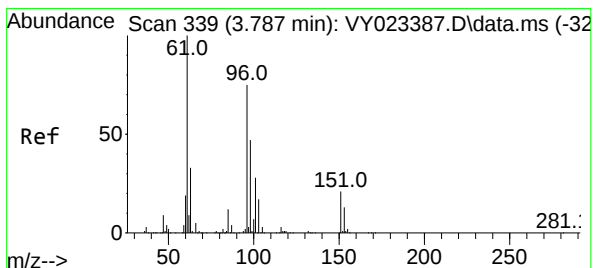
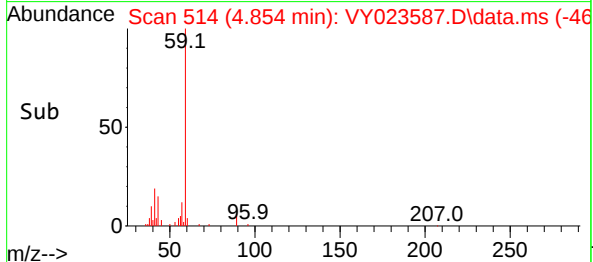
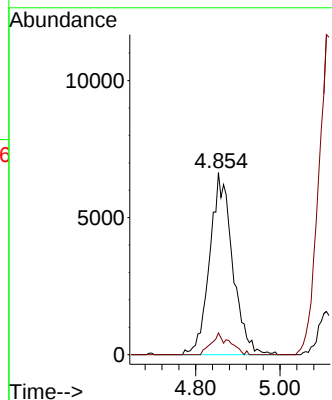
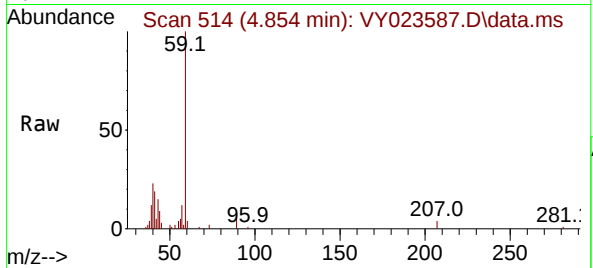




#11
Tert butyl alcohol
Concen: 80.465 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

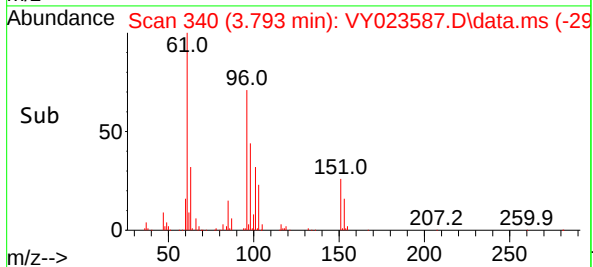
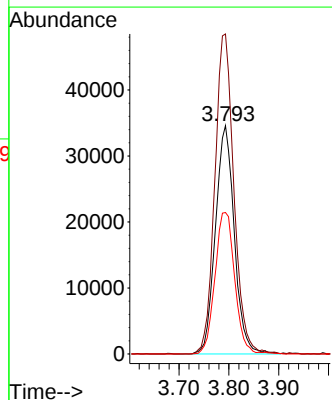
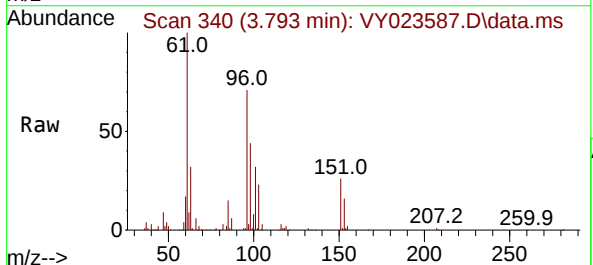
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

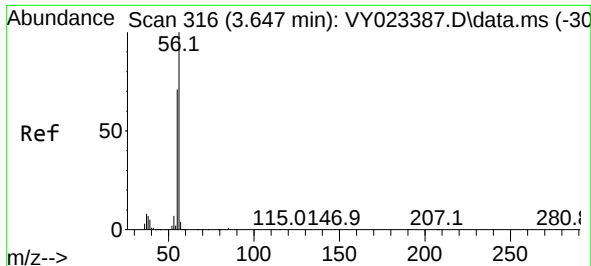
Tgt Ion: 59 Resp: 25017
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.425 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 96 Resp: 91057
Ion Ratio Lower Upper
96 100
61 140.1 106.7 160.1
98 61.9 50.2 75.4

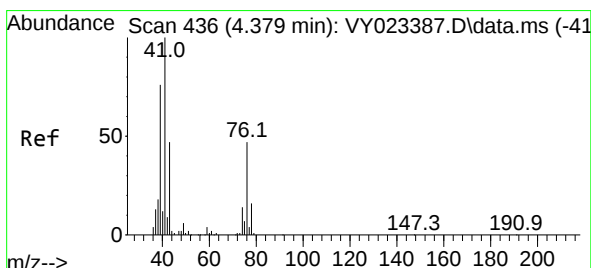
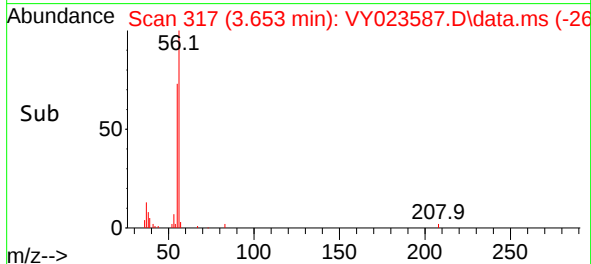
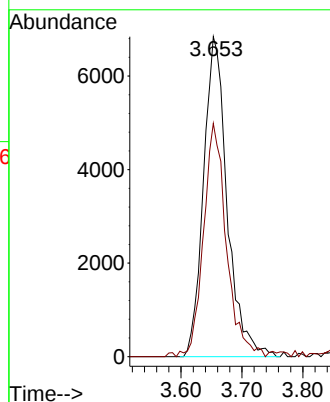
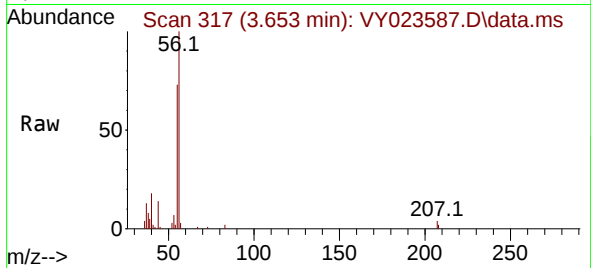




#13
Acrolein
Concen: 41.983 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

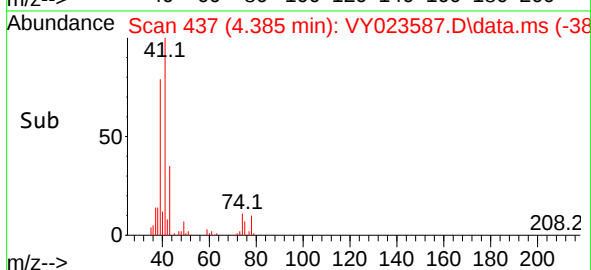
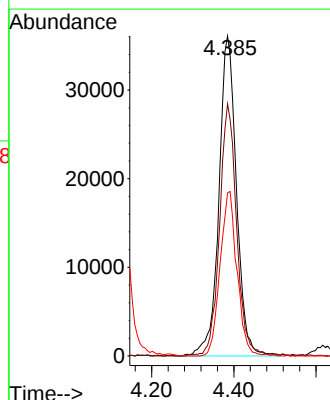
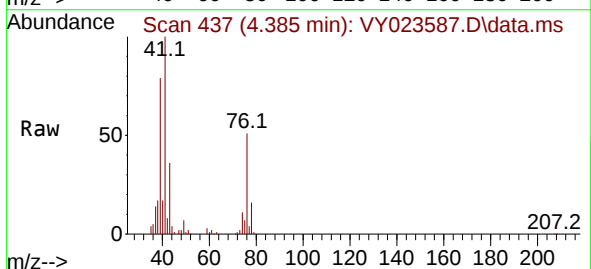
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

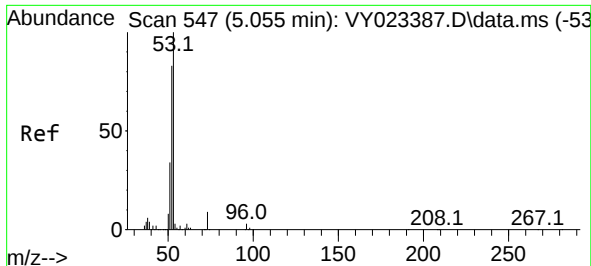
Tgt Ion: 56 Resp: 18444
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Allyl chloride
Concen: 19.663 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 41 Resp: 106830
Ion Ratio Lower Upper
41 100
39 77.0 59.9 89.9
76 49.5 38.0 57.0

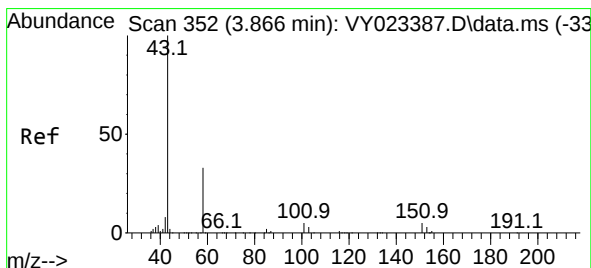
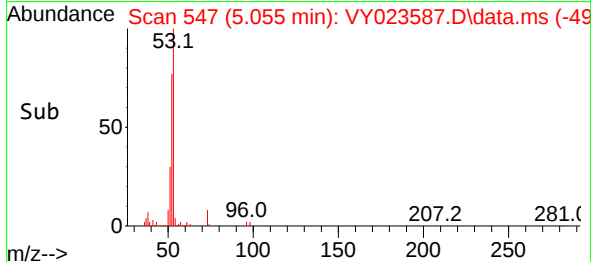
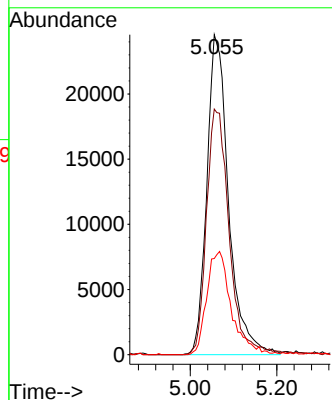
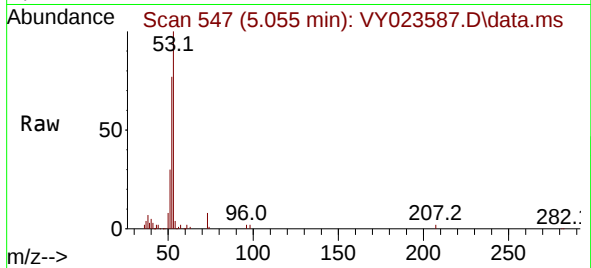




#15
Acrylonitrile
Concen: 96.662 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

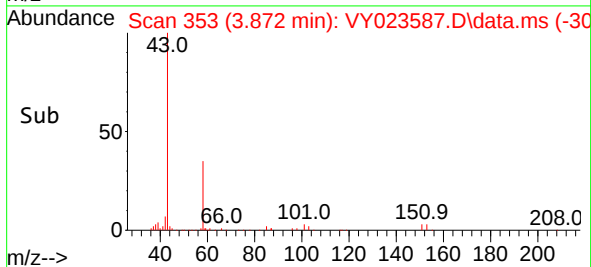
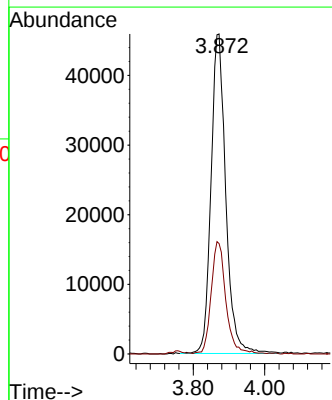
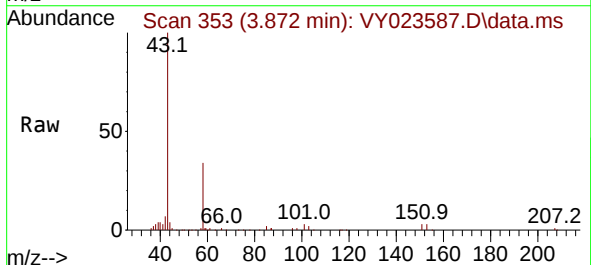
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

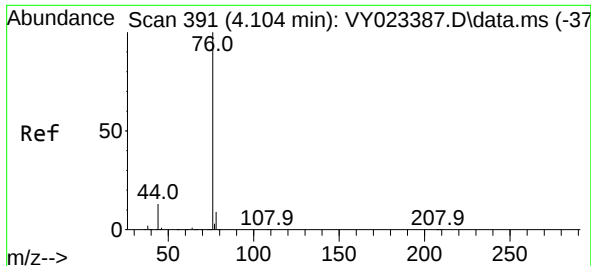
Tgt Ion: 53 Resp: 85666
Ion Ratio Lower Upper
53 100
52 80.4 64.6 97.0
51 36.3 29.5 44.3



#16
Acetone
Concen: 132.147 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 43 Resp: 131477
Ion Ratio Lower Upper
43 100
58 34.5 27.7 41.5

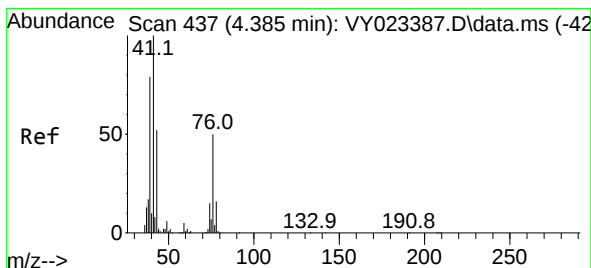
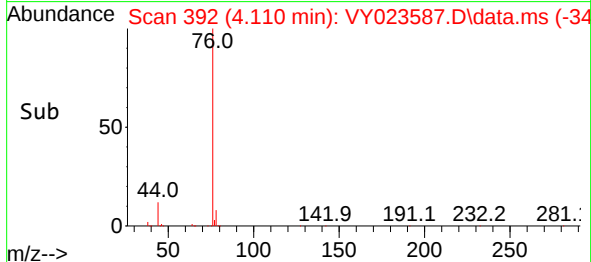
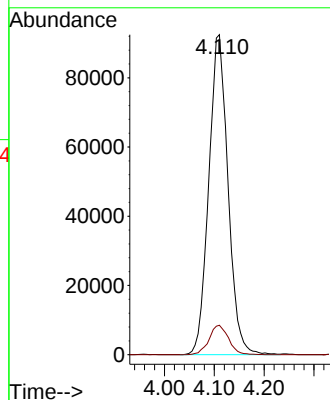
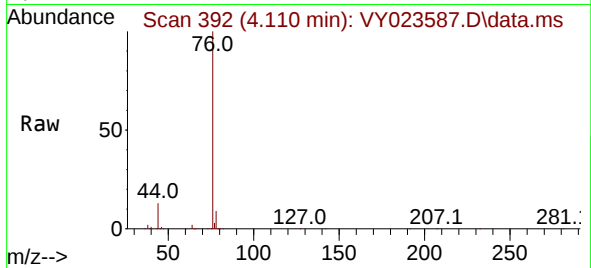




#17
Carbon Disulfide
Concen: 19.437 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

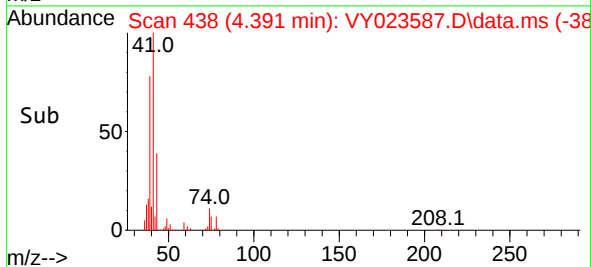
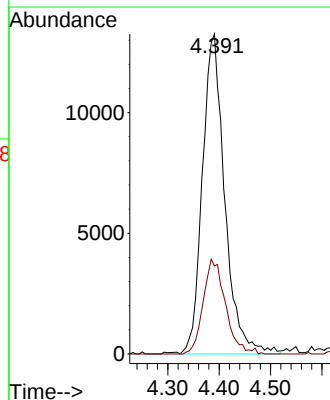
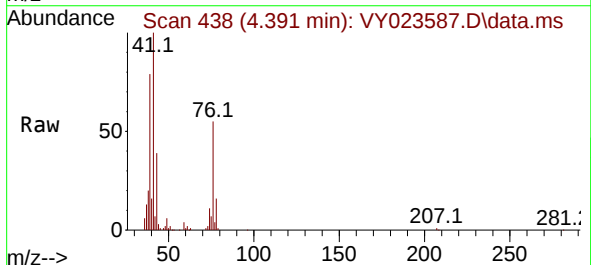
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

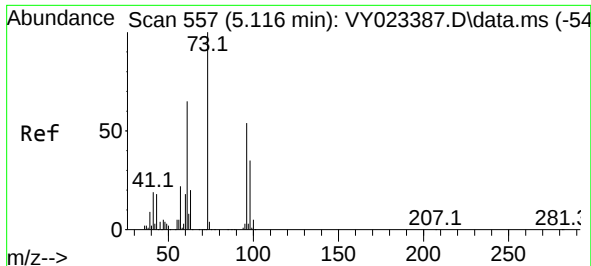
Tgt Ion: 76 Resp: 248009
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 15.328 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 43 Resp: 40005
Ion Ratio Lower Upper
43 100
74 29.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.727 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

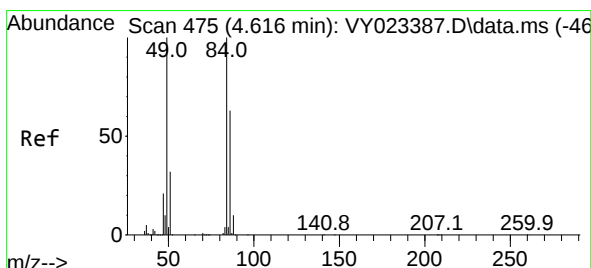
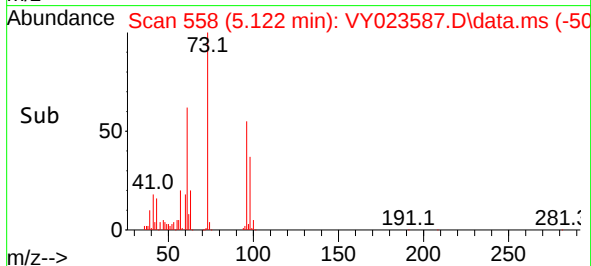
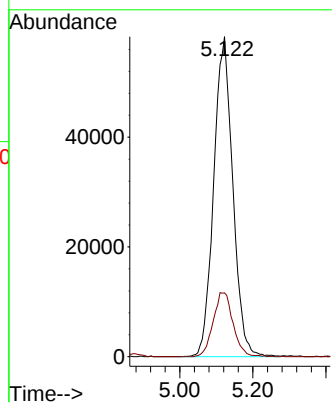
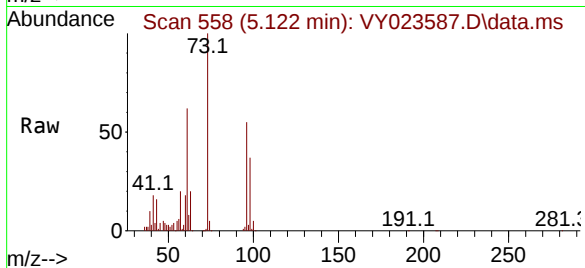
VY1027SBS01

Tgt Ion: 73 Resp: 211366

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.0



#20

Methylene Chloride

Concen: 19.586 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Tgt Ion: 84 Resp: 105371

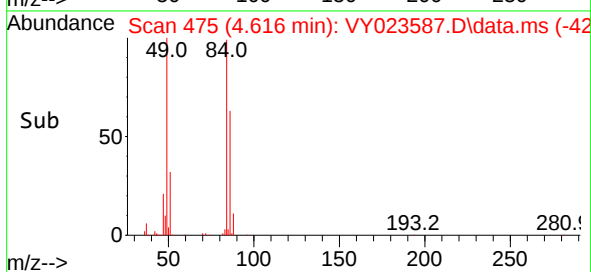
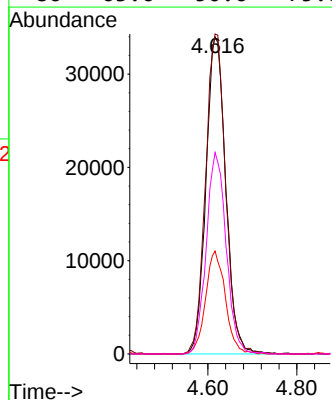
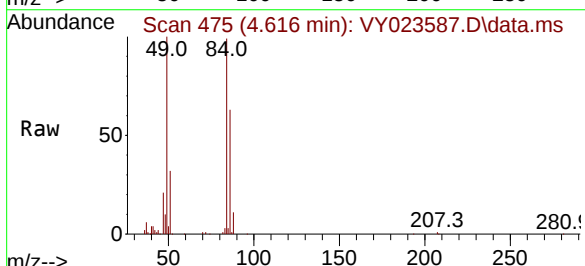
Ion Ratio Lower Upper

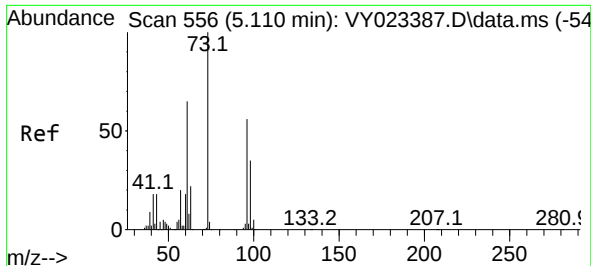
84 100

49 101.0 80.2 120.4

51 32.5 25.9 38.9

86 63.6 50.6 75.8

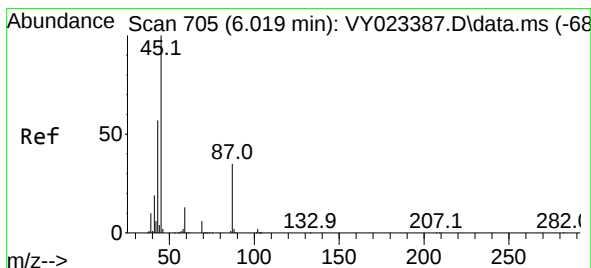
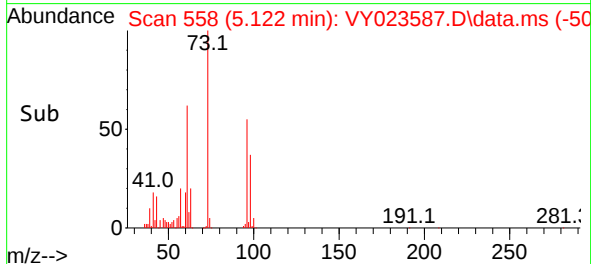
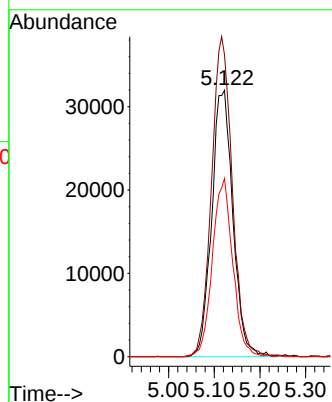
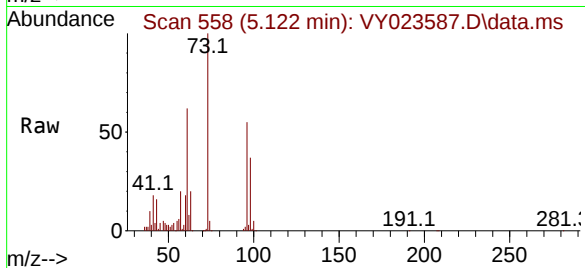




#21
trans-1,2-Dichloroethene
Concen: 21.010 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

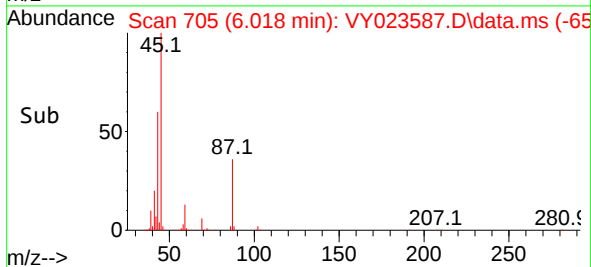
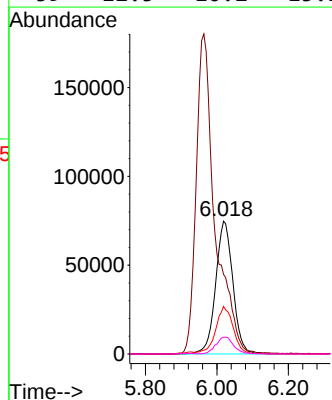
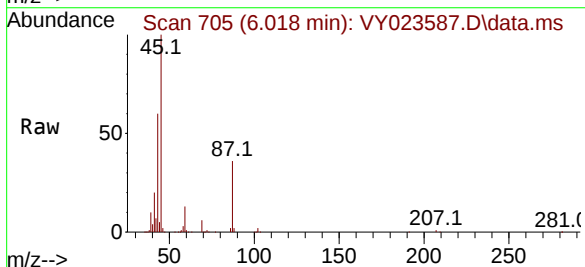
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion: 96 Resp: 103122
Ion Ratio Lower Upper
96 100
61 113.3 92.7 139.1
98 66.9 49.7 74.5



#22
Diisopropyl ether
Concen: 20.789 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 45 Resp: 249840
Ion Ratio Lower Upper
45 100
43 59.5 45.6 68.4
87 35.8 28.1 42.1
59 12.5 10.2 15.2

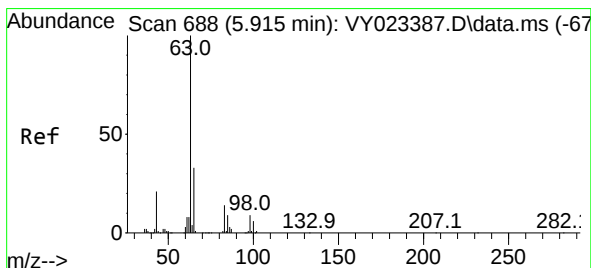
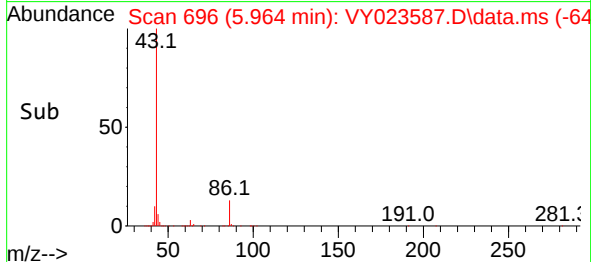
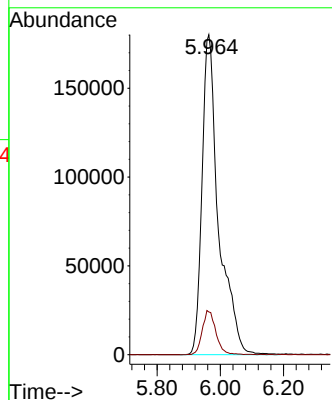
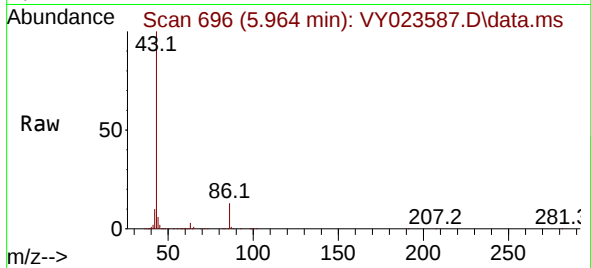




#23
 Vinyl Acetate
 Concen: 101.283 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

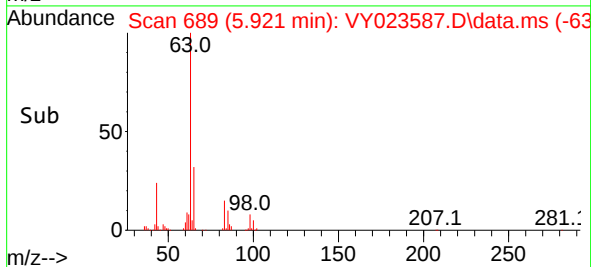
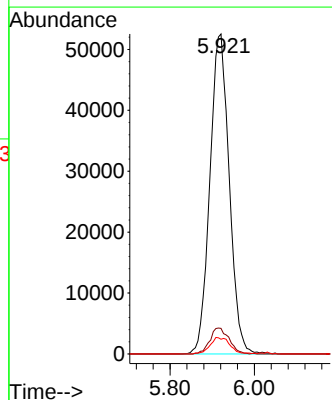
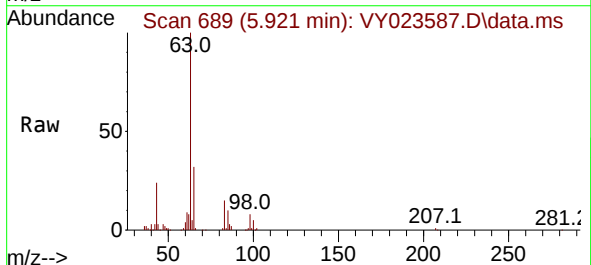
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

Tgt Ion: 43 Resp: 658856
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 21.021 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

Tgt Ion: 63 Resp: 167346
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 4.6 2.8 8.4

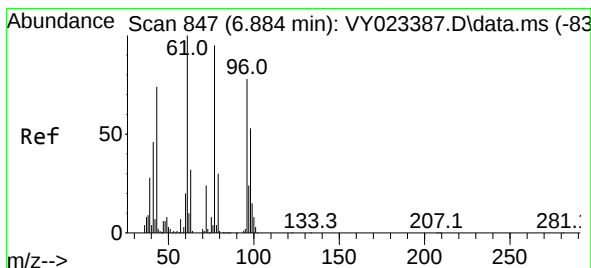
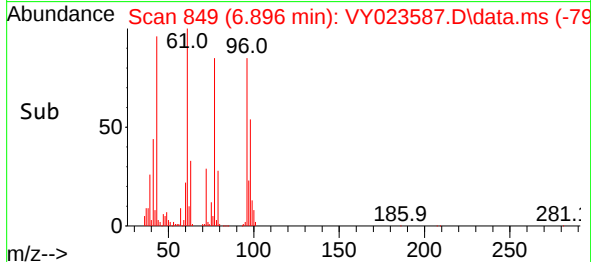
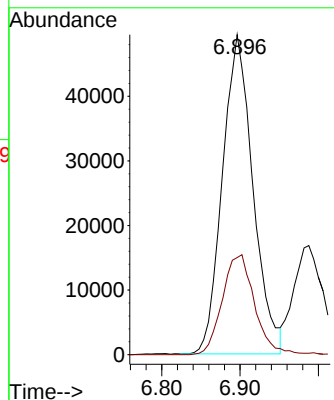
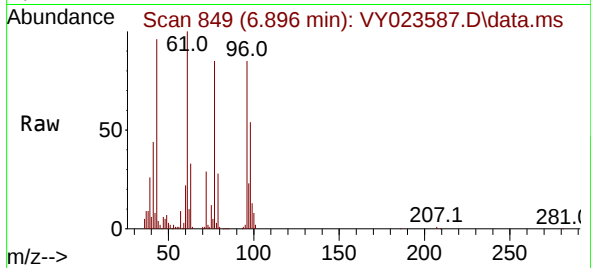




#25
2-Butanone
Concen: 110.184 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

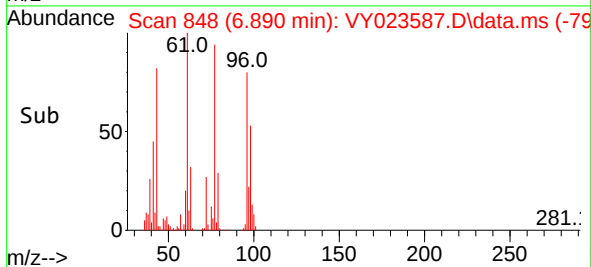
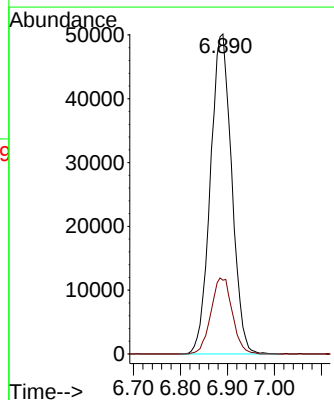
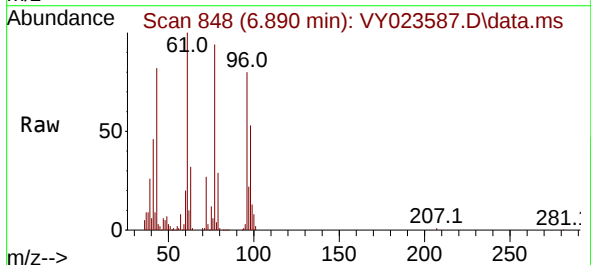
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion: 43 Resp: 133835
Ion Ratio Lower Upper
43 100
72 30.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 21.578 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 77 Resp: 157622
Ion Ratio Lower Upper
77 100
97 23.8 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.587 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

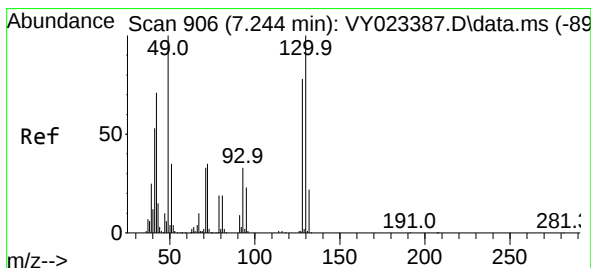
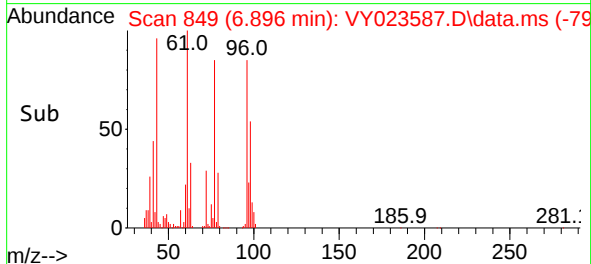
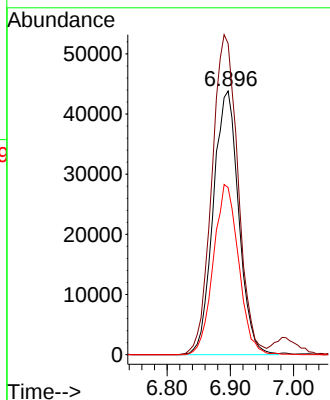
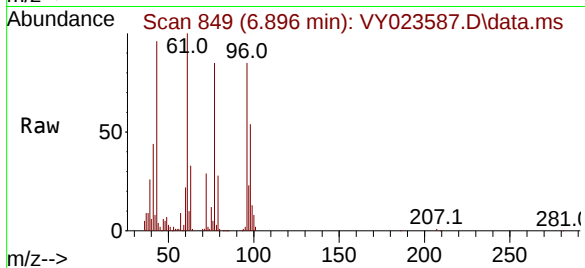
Tgt Ion: 96 Resp: 122389

Ion Ratio Lower Upper

96 100

61 124.6 0.0 258.2

98 64.1 0.0 132.0



#28

Bromochloromethane

Concen: 20.499 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

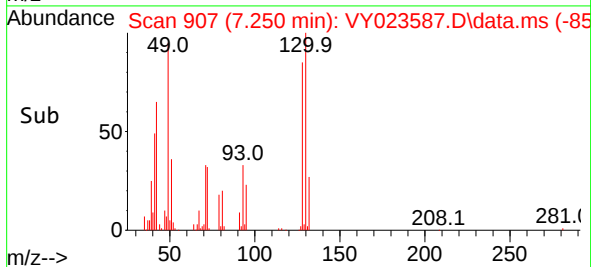
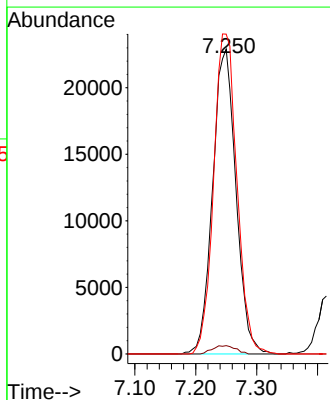
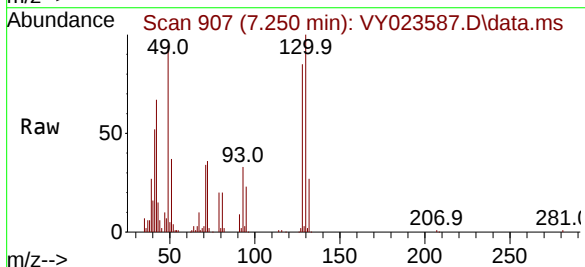
Tgt Ion: 49 Resp: 60920

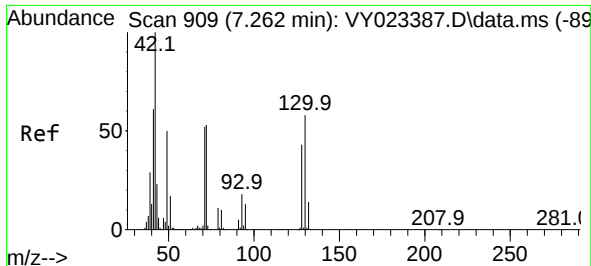
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 104.9 81.9 122.9

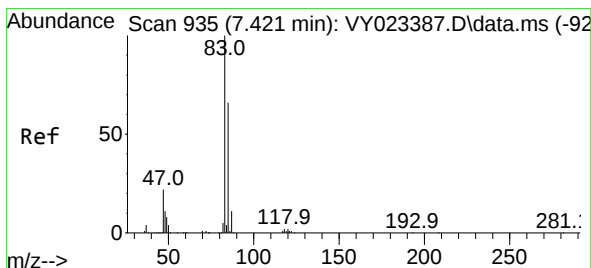
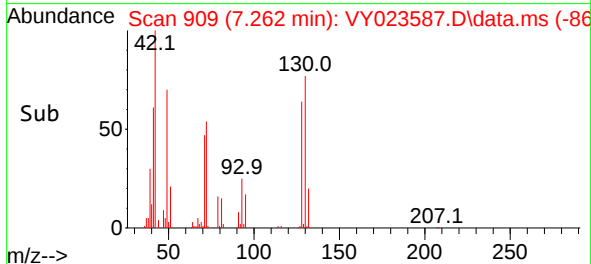
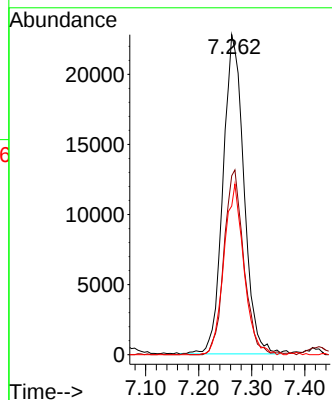
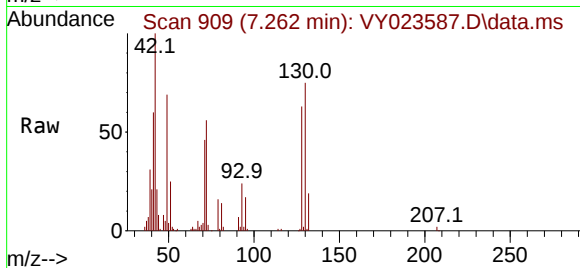




#29
Tetrahydrofuran
Concen: 90.383 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

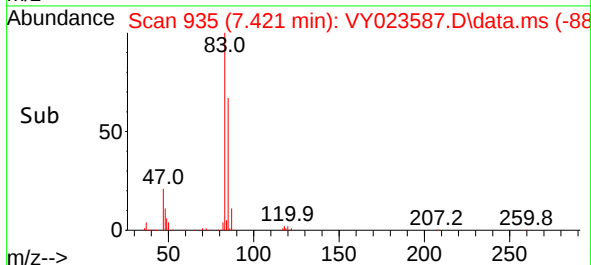
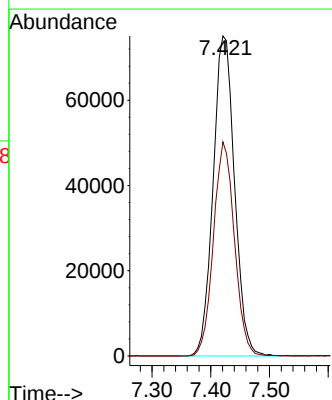
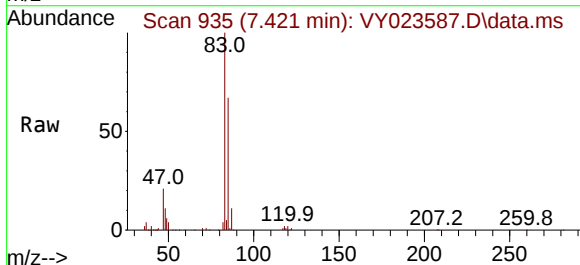
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

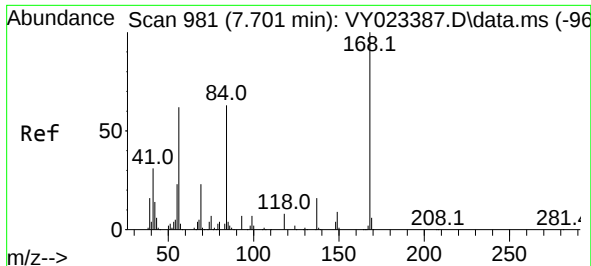
Tgt Ion: 42 Resp: 62255
Ion Ratio Lower Upper
42 100
72 54.7 43.0 64.6
71 51.3 40.1 60.1



#30
Chloroform
Concen: 21.773 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 83 Resp: 190441
Ion Ratio Lower Upper
83 100
85 66.9 52.5 78.7

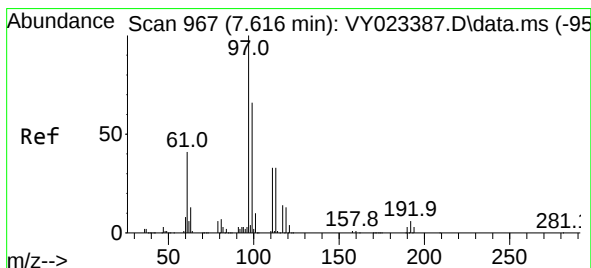
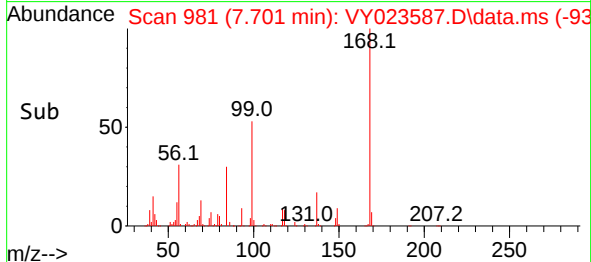
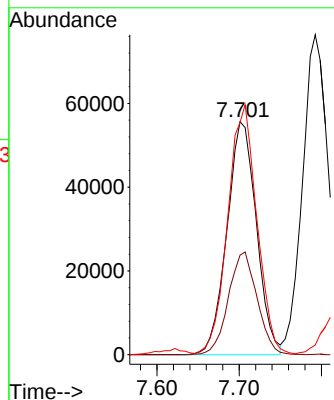
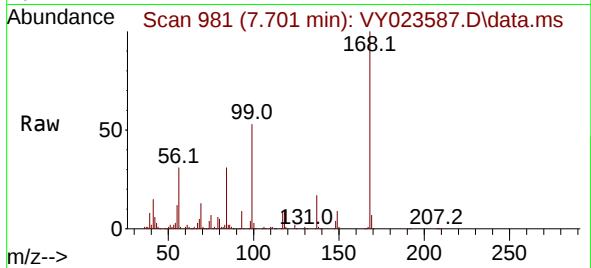




#31
Cyclohexane
Concen: 19.954 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

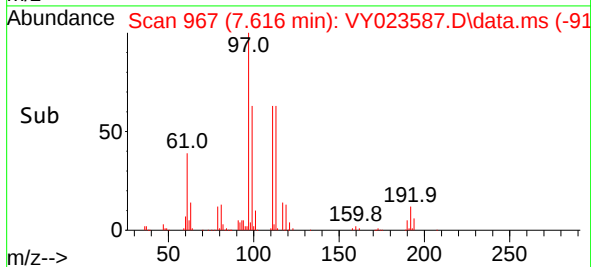
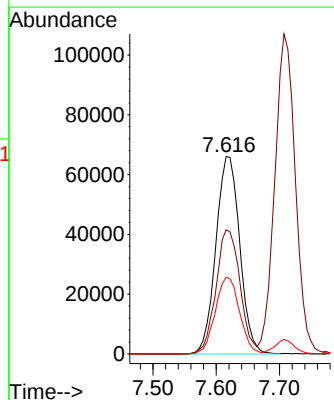
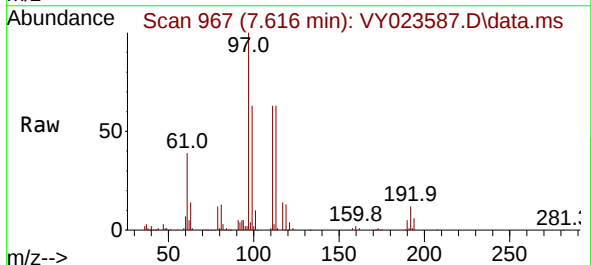
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

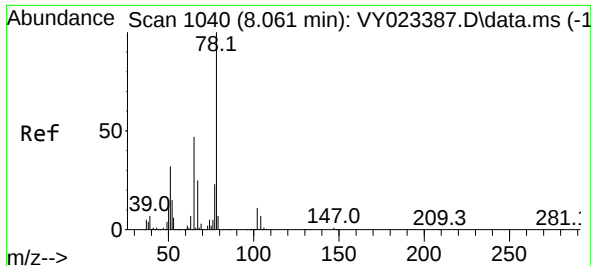
Tgt Ion: 56 Resp: 138725
Ion Ratio Lower Upper
56 100
69 42.7 30.0 45.0
84 98.0 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.765 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 97 Resp: 173001
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 39.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.677 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

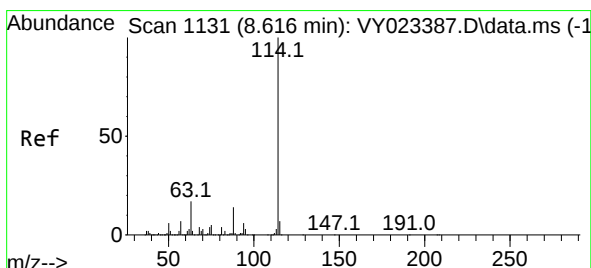
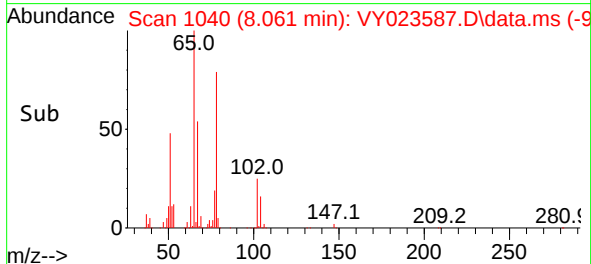
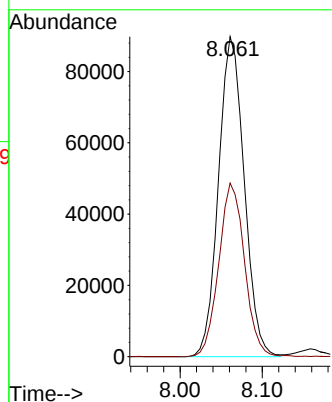
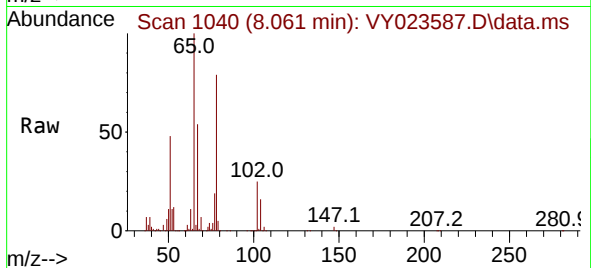
VY1027SBS01

Tgt Ion: 65 Resp: 195073

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

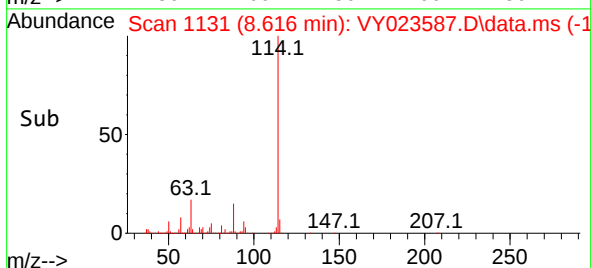
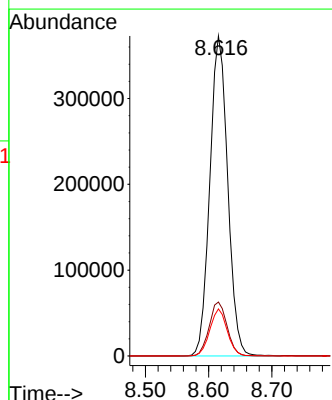
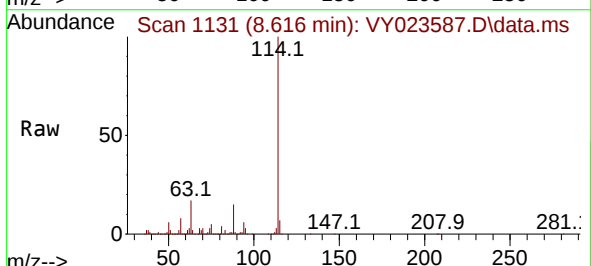
Tgt Ion:114 Resp: 732575

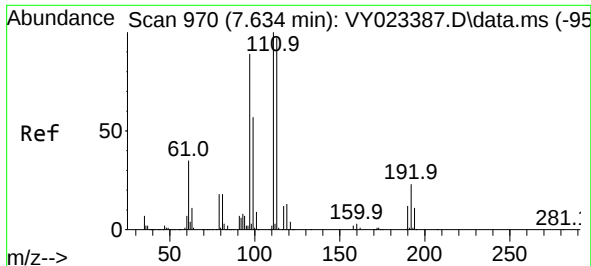
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

88 14.7 0.0 28.4

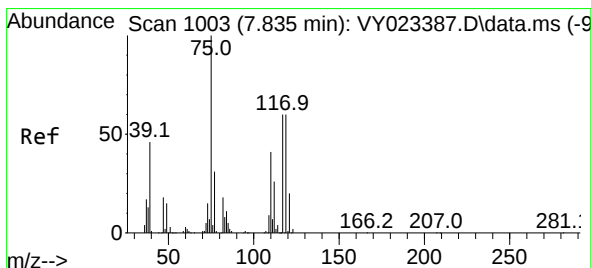
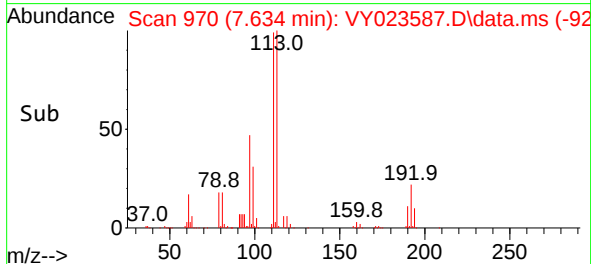
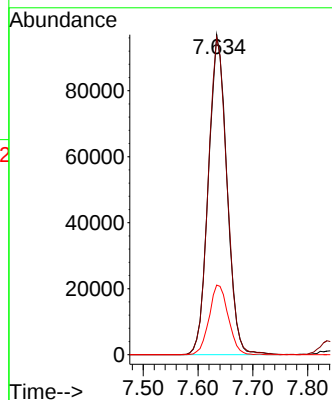
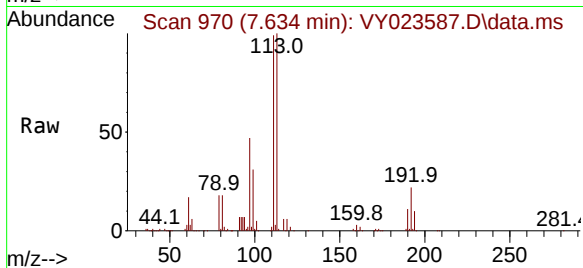




#35
Dibromofluoromethane
Concen: 50.451 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

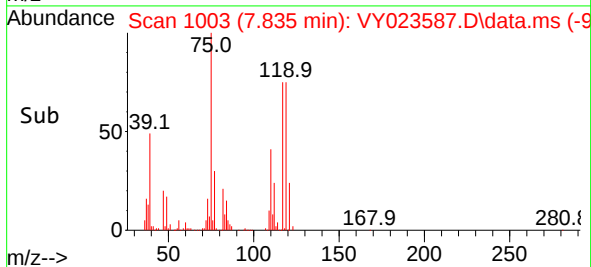
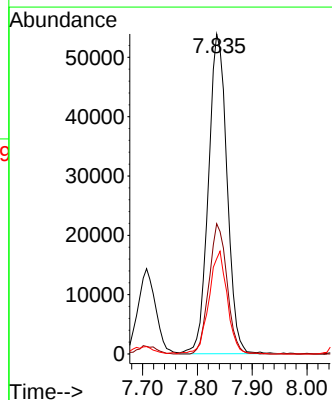
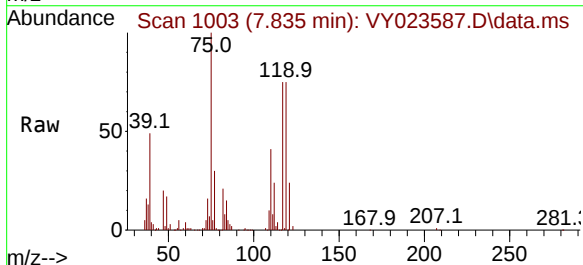
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

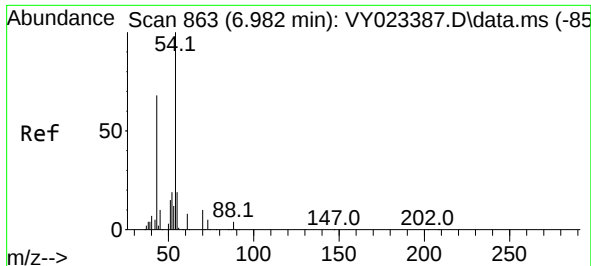
Tgt Ion:113 Resp: 227097
Ion Ratio Lower Upper
113 100
111 100.3 81.8 122.6
192 22.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.278 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 75 Resp: 126802
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.8 25.0 37.6

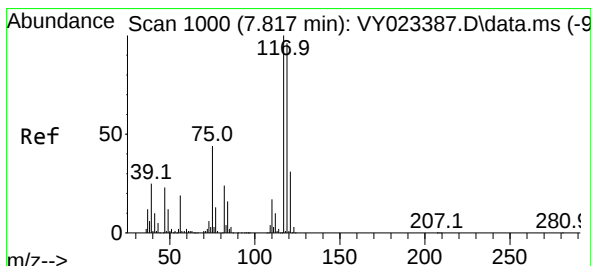
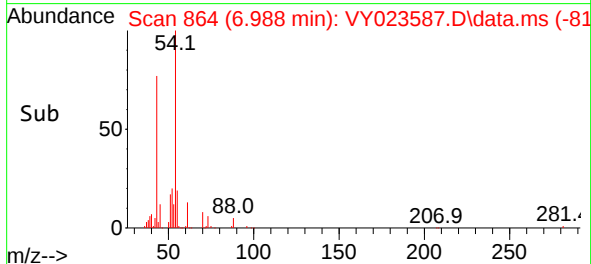
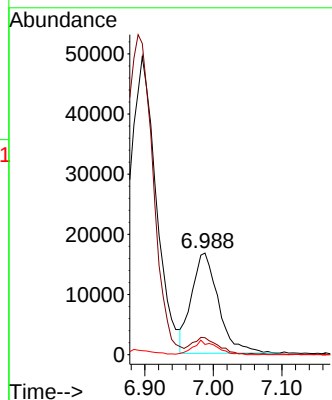
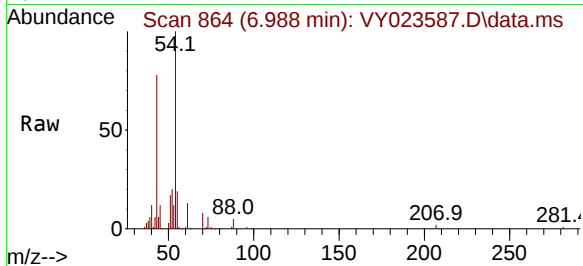




#37
Ethyl Acetate
Concen: 19.324 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

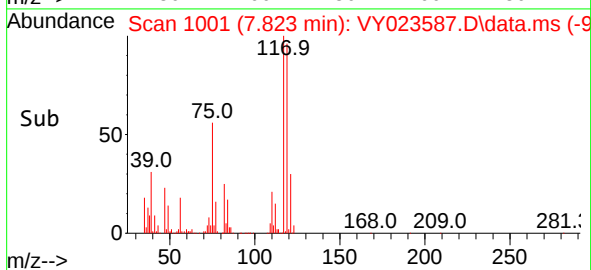
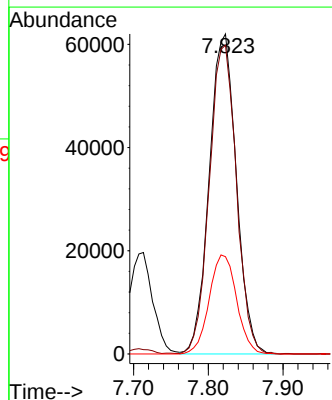
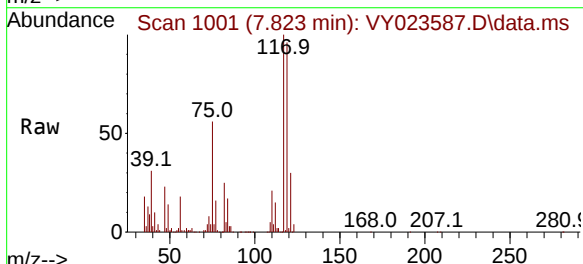
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

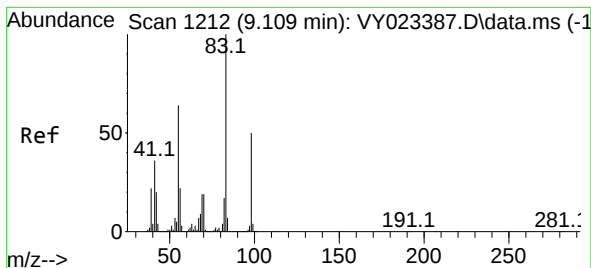
Tgt Ion: 43 Resp: 45622
Ion Ratio Lower Upper
43 100
61 15.6 11.8 17.8
70 12.1 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.639 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 117 Resp: 156366
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 20.507 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

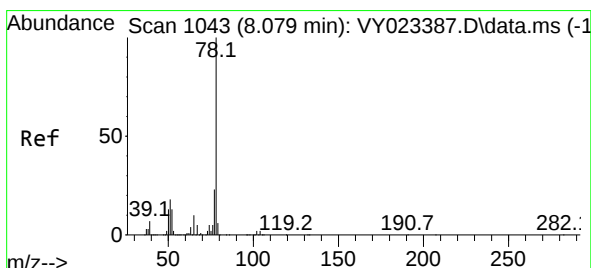
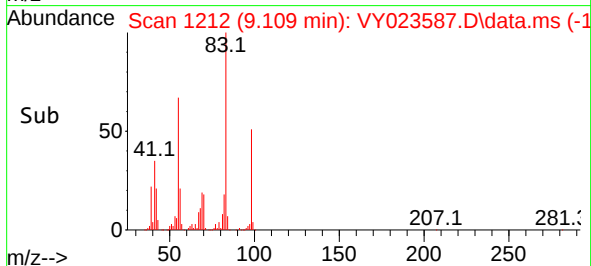
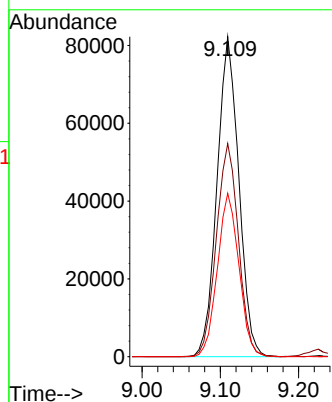
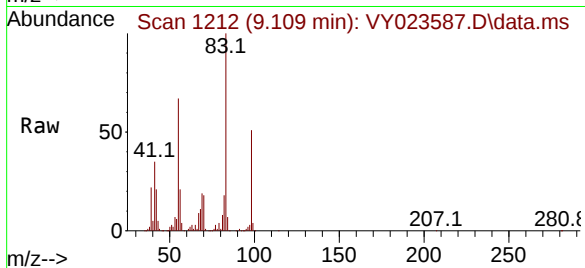
Tgt Ion: 83 Resp: 159113

Ion Ratio Lower Upper

83 100

55 66.6 51.4 77.2

98 51.1 40.4 60.6



#40

Benzene

Concen: 21.594 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023587.D

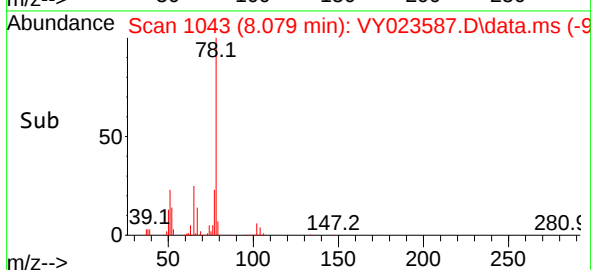
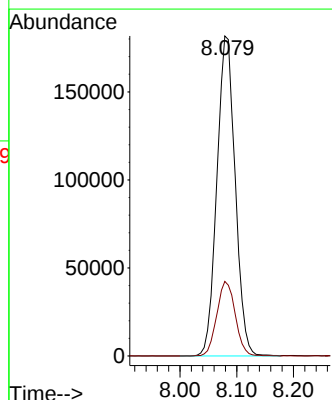
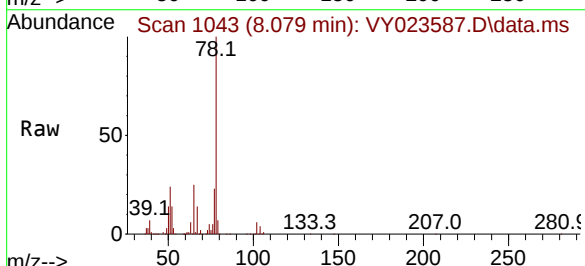
Acq: 27 Oct 2025 10:17

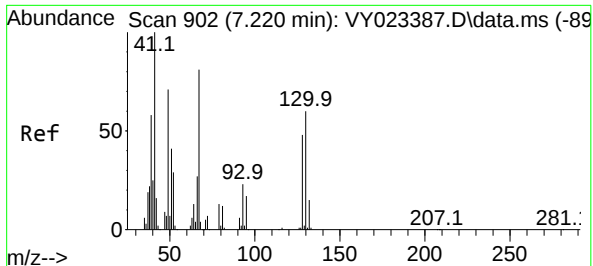
Tgt Ion: 78 Resp: 407526

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5



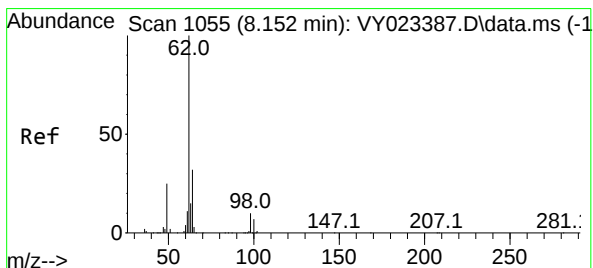
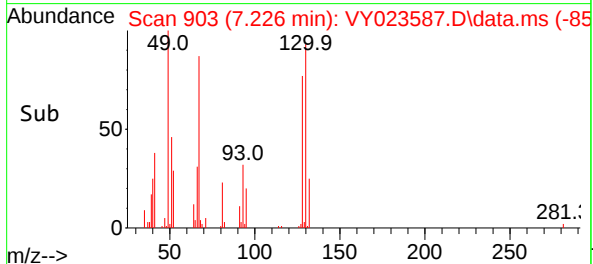
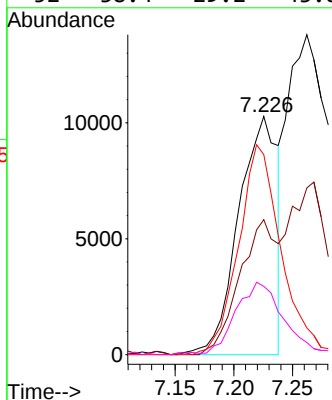
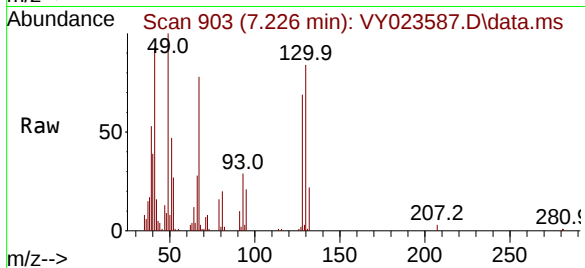


#41
Methacrylonitrile
Concen: 18.579 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion: 41 Resp: 23723

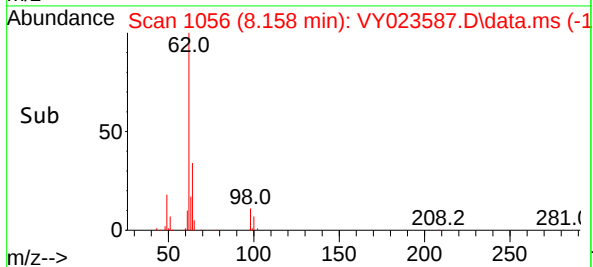
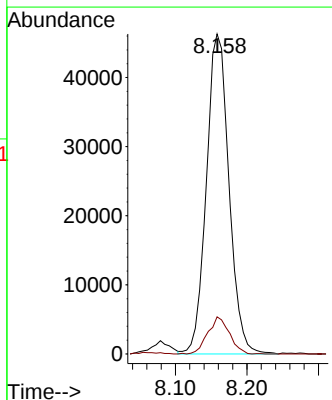
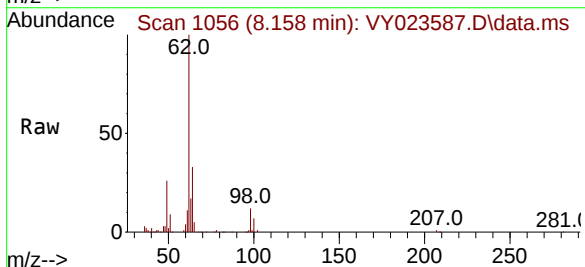
Ion	Ratio	Lower	Upper
41	100		
39	54.3	52.2	78.4
67	97.3	74.9	112.3
52	38.4	29.2	43.8

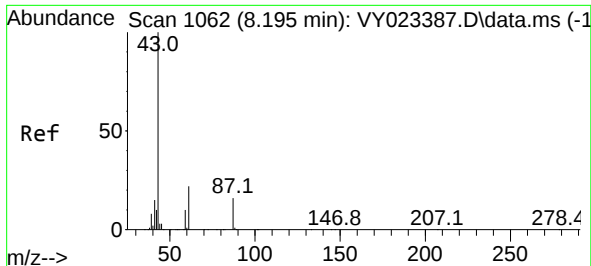


#42
1,2-Dichloroethane
Concen: 20.904 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 62 Resp: 101743

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.6

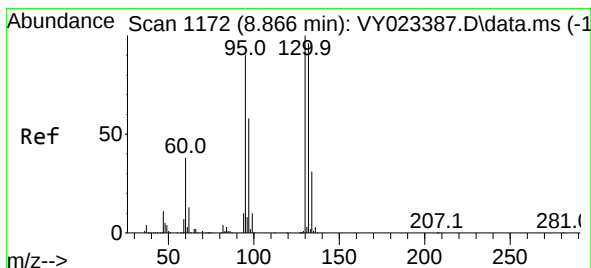
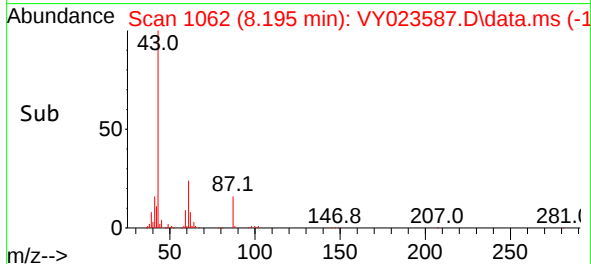
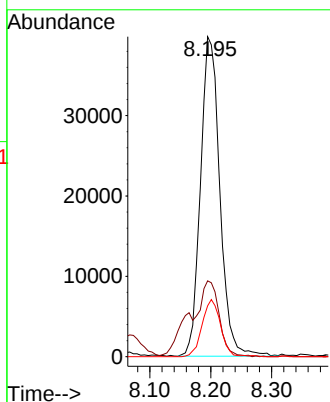
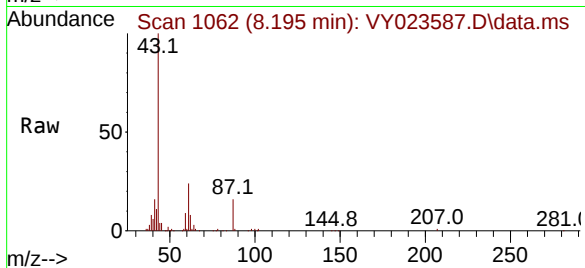




#43
Isopropyl Acetate
Concen: 18.667 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

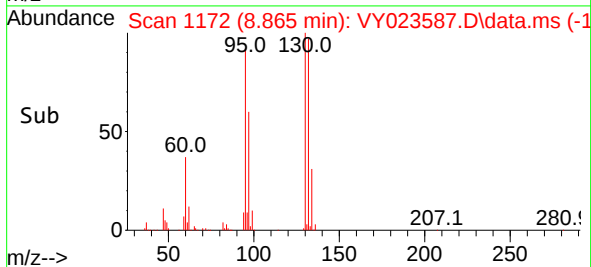
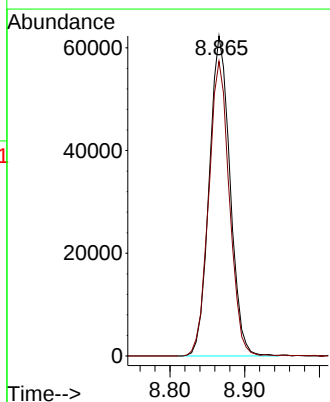
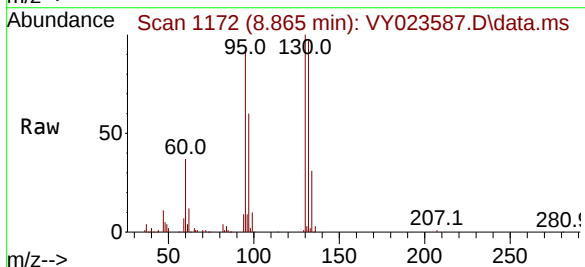
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

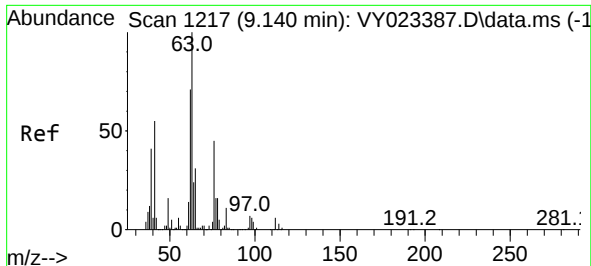
Tgt Ion: 43 Resp: 87878
Ion Ratio Lower Upper
43 100
61 24.2 18.1 27.1
87 16.9 13.5 20.3



#44
Trichloroethene
Concen: 21.846 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:130 Resp: 120671
Ion Ratio Lower Upper
130 100
95 92.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.600 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

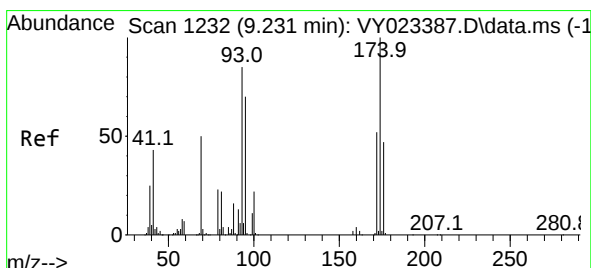
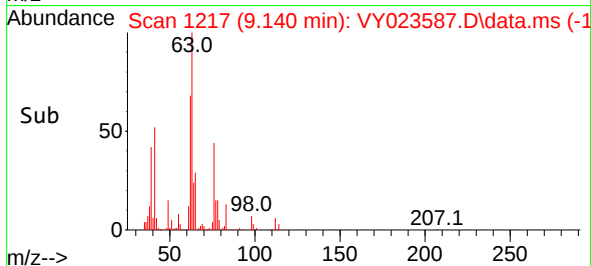
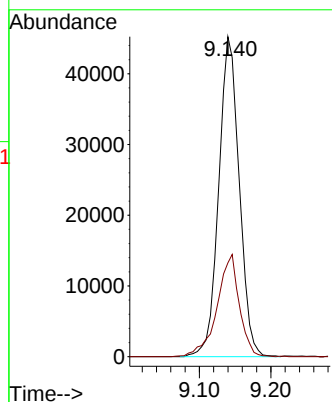
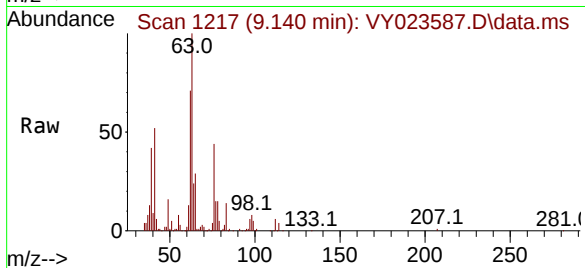
VY1027SBS01

Tgt Ion: 63 Resp: 90039

Ion Ratio Lower Upper

63 100

65 29.1 24.9 37.3



#46

Dibromomethane

Concen: 21.131 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

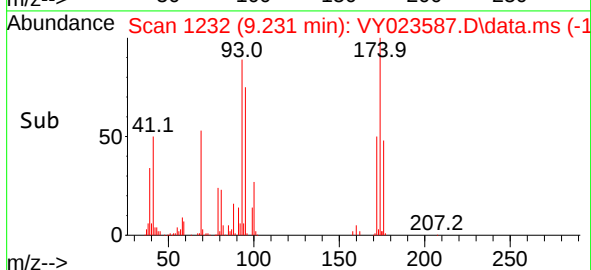
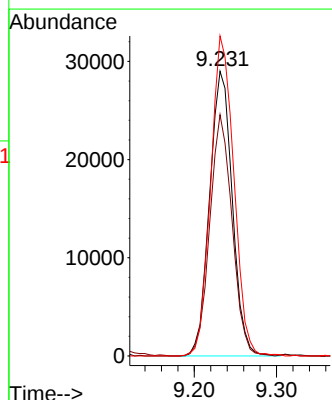
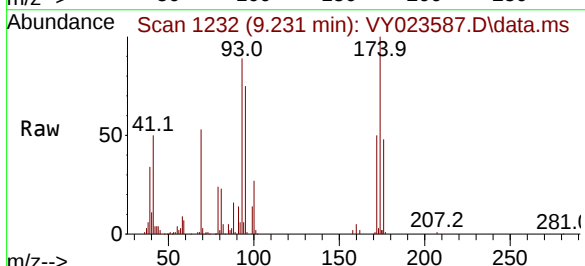
Tgt Ion: 93 Resp: 55698

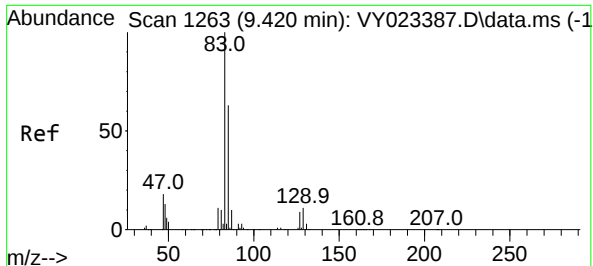
Ion Ratio Lower Upper

93 100

95 83.3 65.4 98.0

174 114.6 92.9 139.3





#47

Bromodichloromethane

Concen: 21.562 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

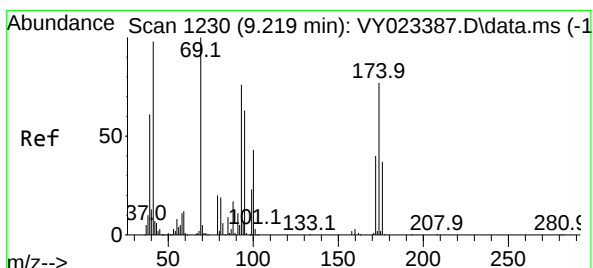
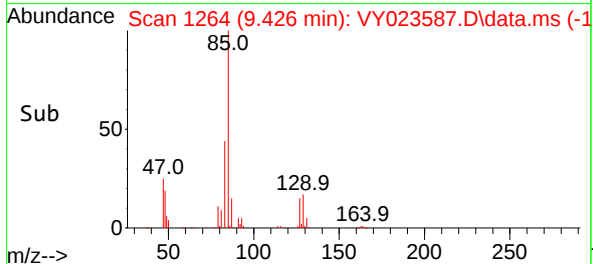
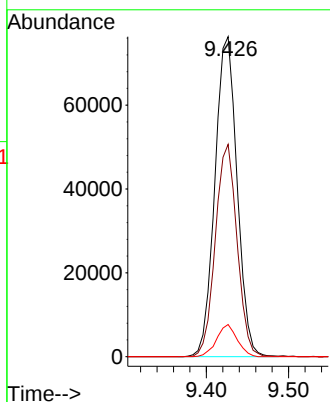
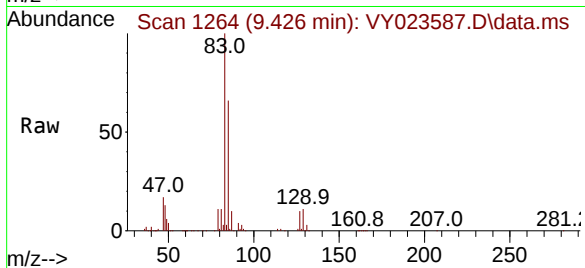
Tgt Ion: 83 Resp: 143142

Ion Ratio Lower Upper

83 100

85 66.4 50.8 76.2

127 10.0 7.4 11.2



#48

Methyl methacrylate

Concen: 18.368 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

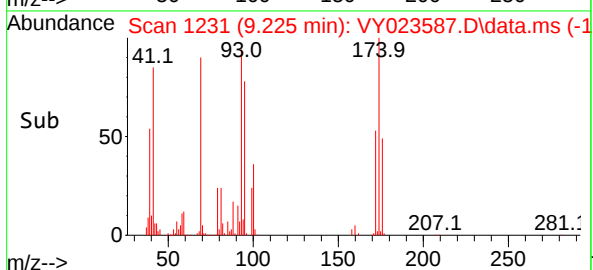
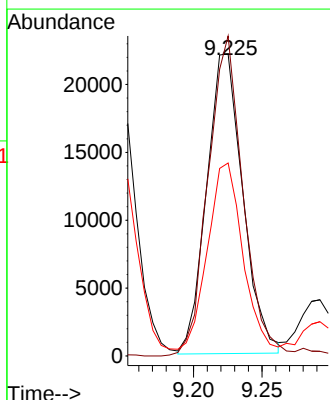
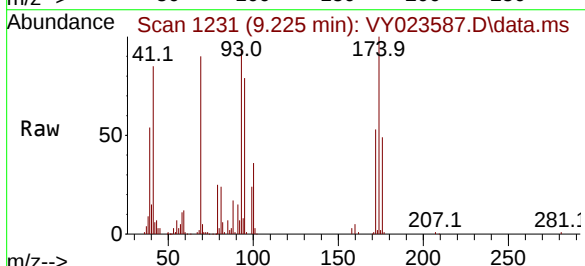
Tgt Ion: 41 Resp: 40623

Ion Ratio Lower Upper

41 100

69 102.7 81.0 121.4

39 60.0 48.2 72.4





#49

1,4-Dioxane

Concen: 377.901 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

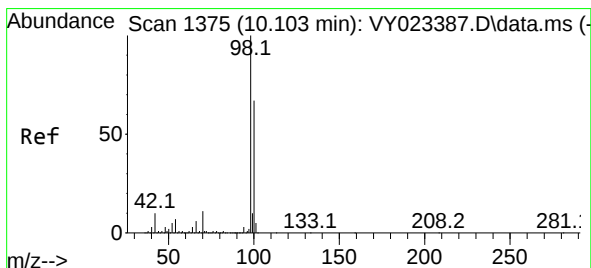
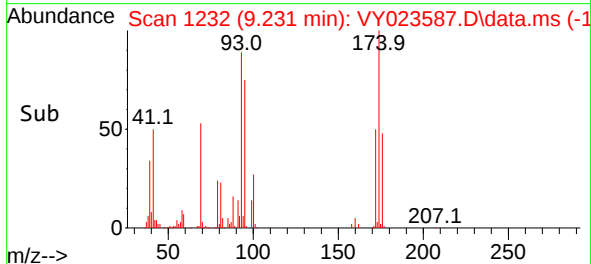
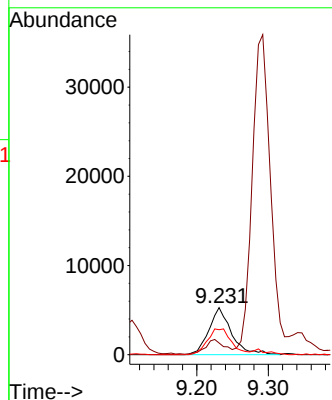
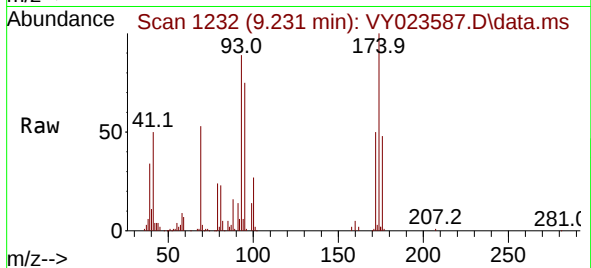
Tgt Ion: 88 Resp: 11549

Ion Ratio Lower Upper

88 100

43 26.2 21.8 32.8

58 58.2 46.8 70.2



#50

Toluene-d8

Concen: 49.081 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023587.D

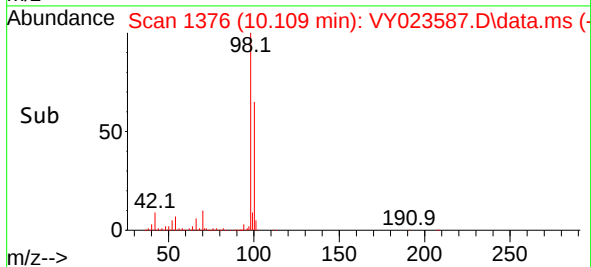
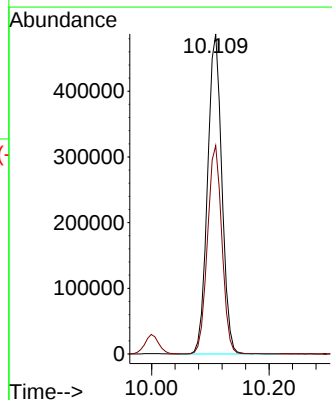
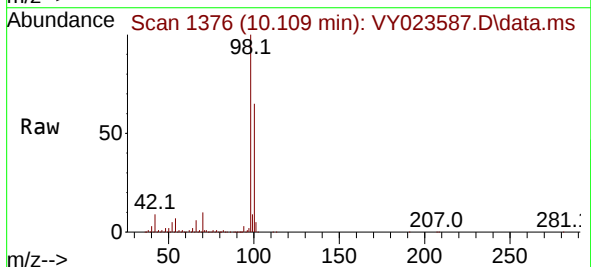
Acq: 27 Oct 2025 10:17

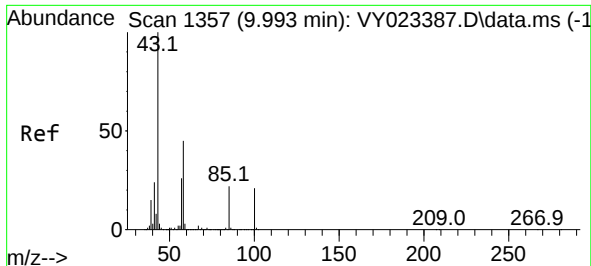
Tgt Ion: 98 Resp: 822762

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4

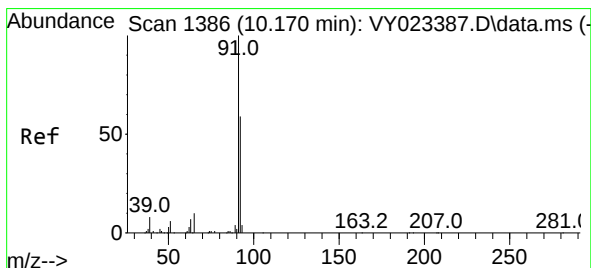
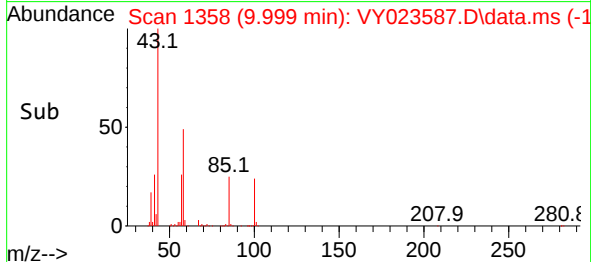
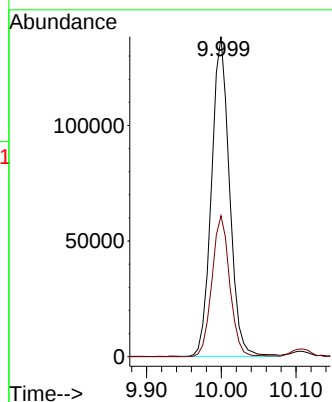
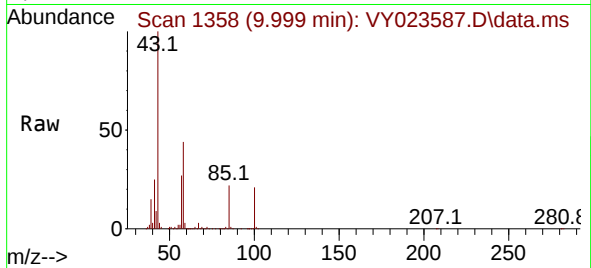




#51
4-Methyl-2-Pentanone
Concen: 95.406 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

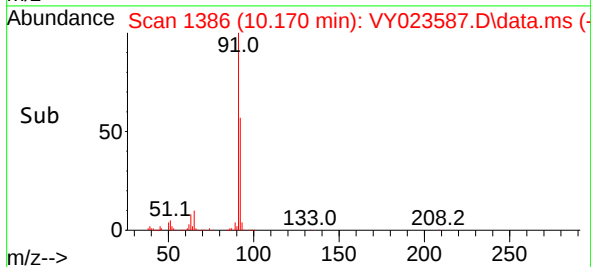
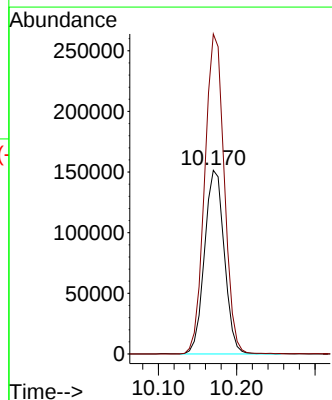
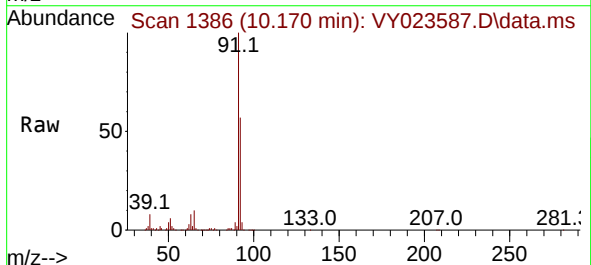
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

Tgt Ion: 43 Resp: 232057
Ion Ratio Lower Upper
43 100
58 43.7 35.3 52.9



#52
Toluene
Concen: 21.623 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 92 Resp: 264958
Ion Ratio Lower Upper
92 100
91 172.4 136.4 204.6

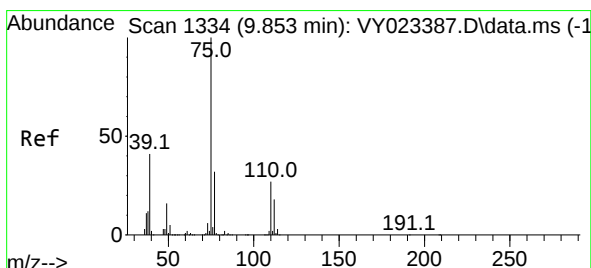
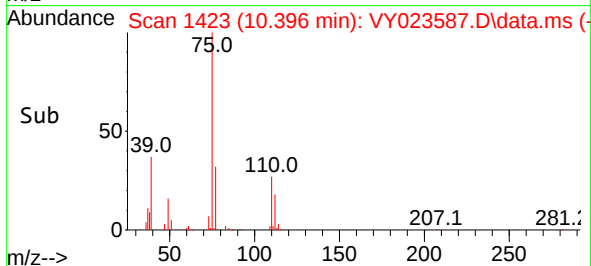
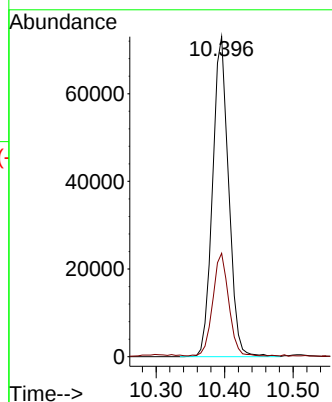
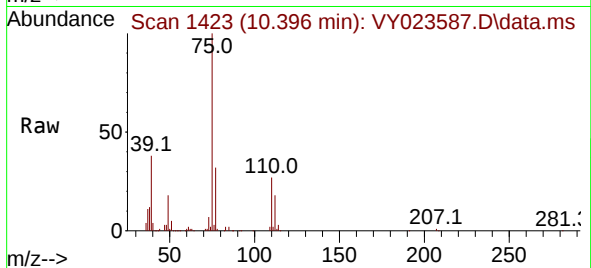




#53
t-1,3-Dichloropropene
Concen: 20.549 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

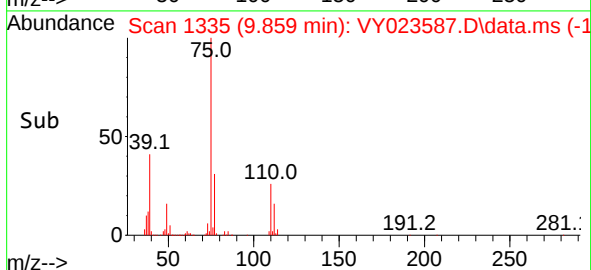
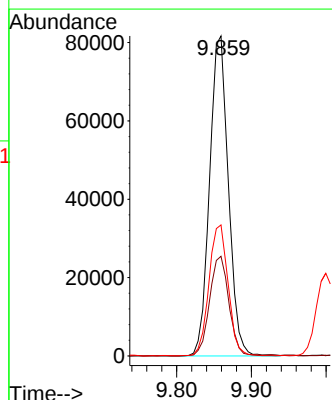
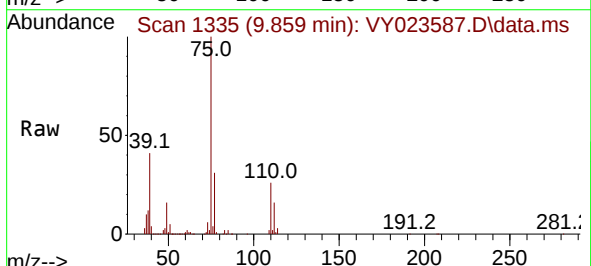
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

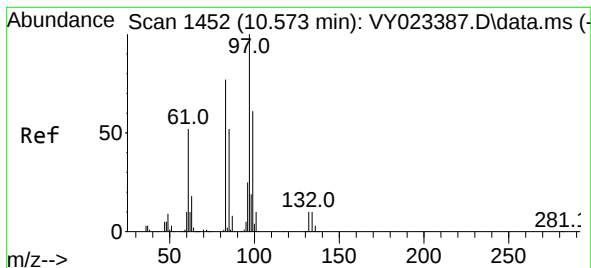
Tgt Ion: 75 Resp: 118614
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.995 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 75 Resp: 143035
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 40.8 32.8 49.2

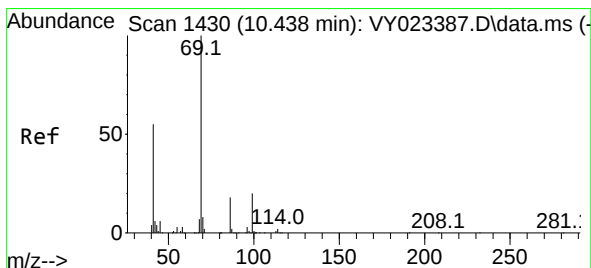
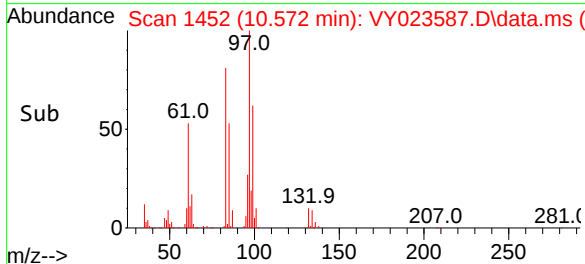
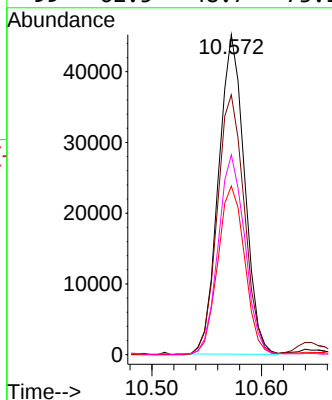
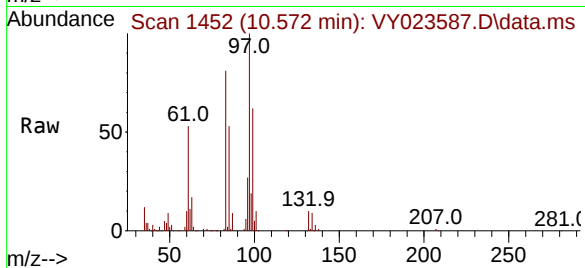




#55
1,1,2-Trichloroethane
Concen: 20.955 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

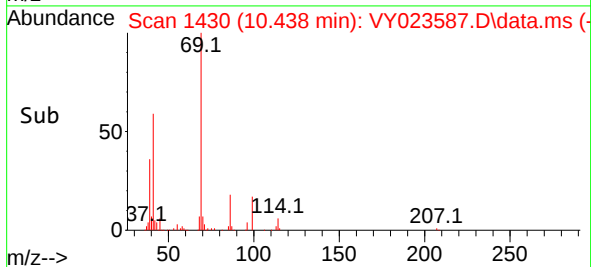
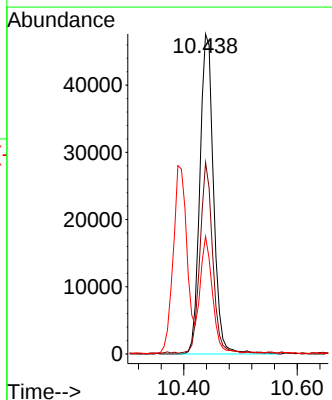
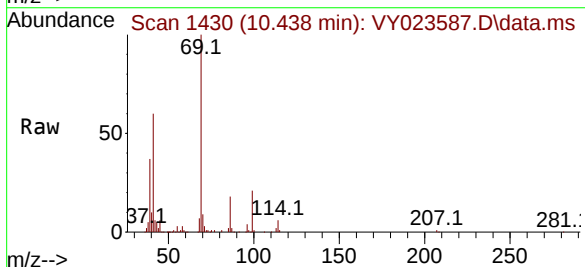
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

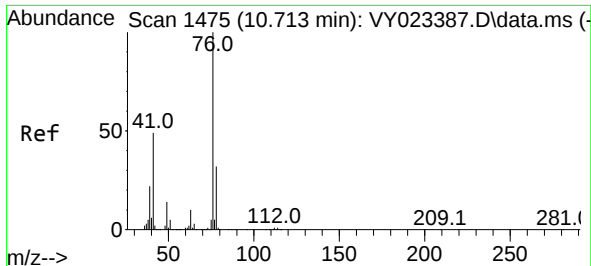
Tgt Ion:	97	Resp:	74277
Ion	Ratio	Lower	Upper
97	100		
83	81.4	61.8	92.6
85	52.9	41.3	61.9
99	62.5	48.7	73.1



#56
Ethyl methacrylate
Concen: 19.514 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:	69	Resp:	79786
Ion	Ratio	Lower	Upper
69	100		
41	55.4	44.6	67.0
39	31.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 21.019 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

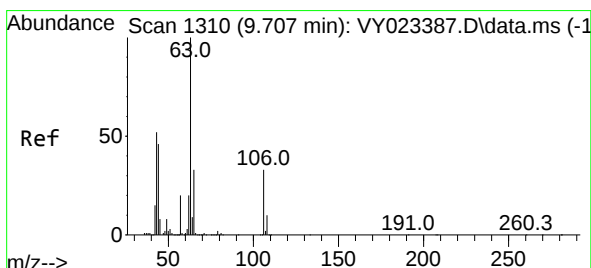
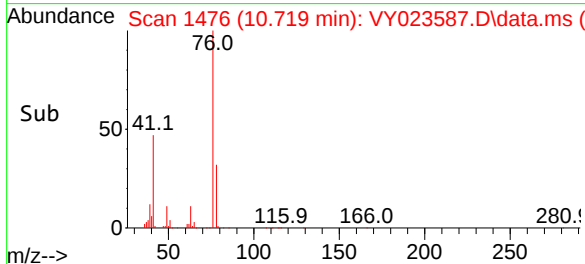
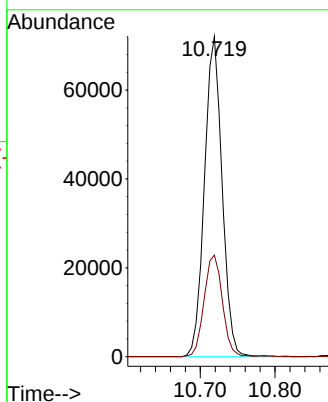
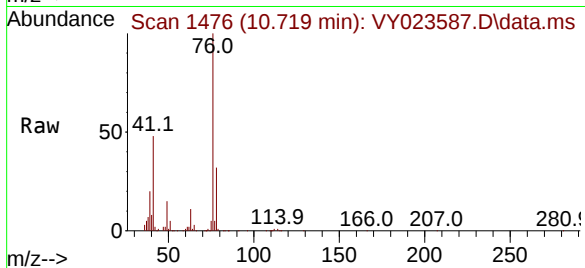
VY1027SBS01

Tgt Ion: 76 Resp: 118060

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 93.954 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023587.D

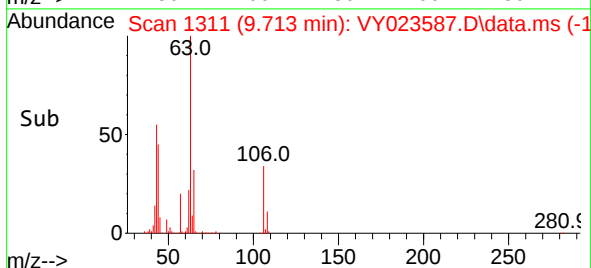
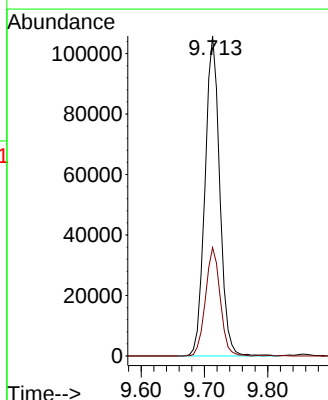
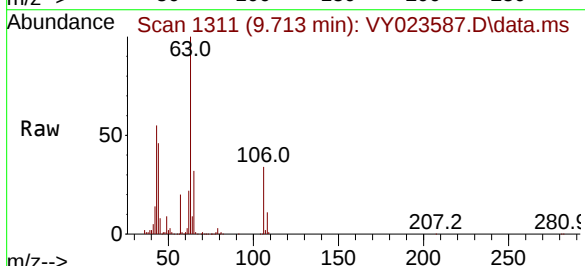
Acq: 27 Oct 2025 10:17

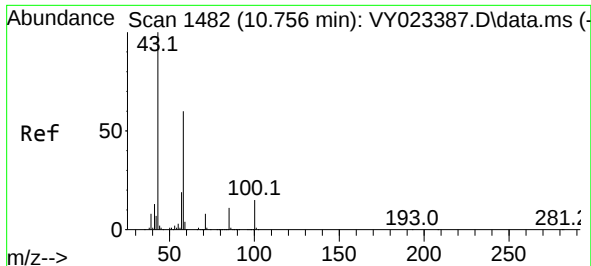
Tgt Ion: 63 Resp: 172090

Ion Ratio Lower Upper

63 100

106 33.7 26.6 39.8

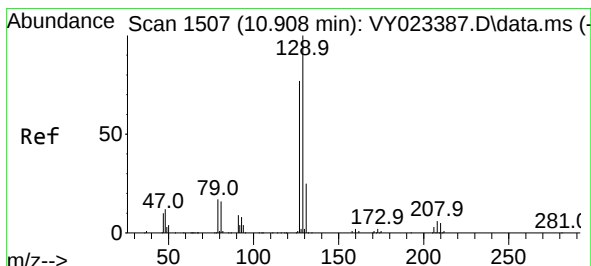
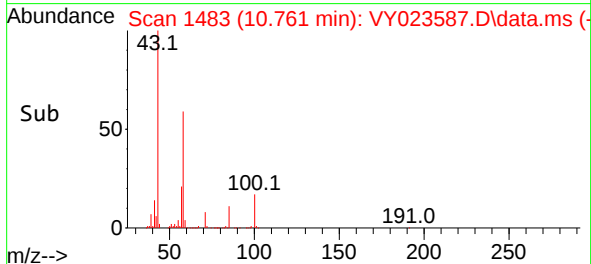
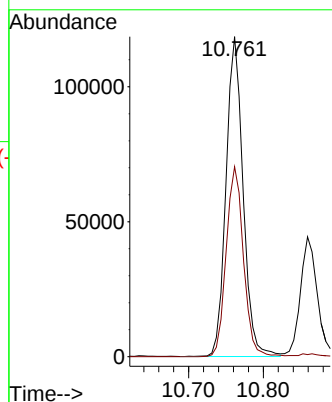
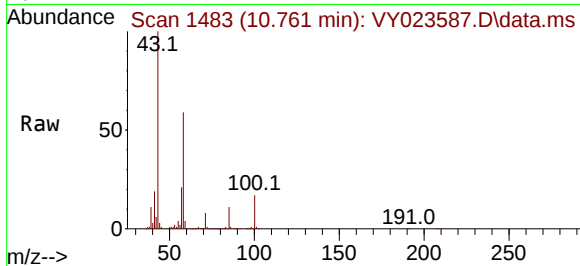




#59
2-Hexanone
Concen: 108.283 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

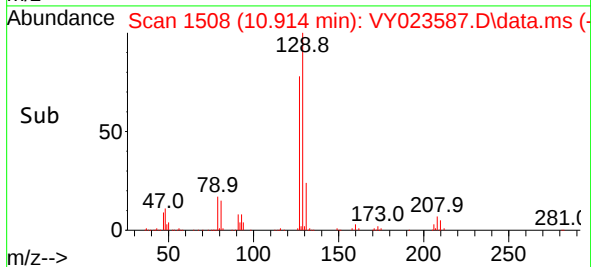
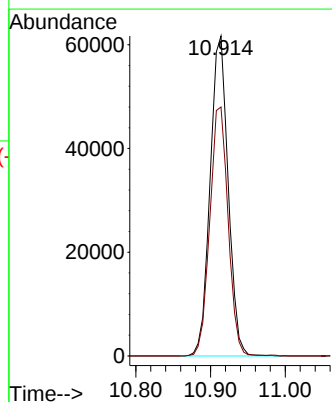
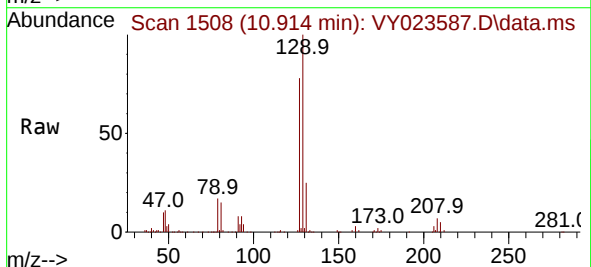
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

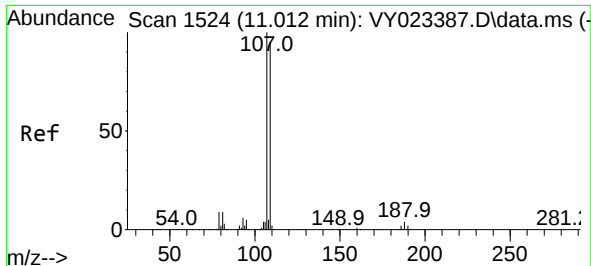
Tgt Ion: 43 Resp: 188221
Ion Ratio Lower Upper
43 100
58 60.3 30.5 91.5



#60
Dibromochloromethane
Concen: 20.773 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 129 Resp: 103231
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

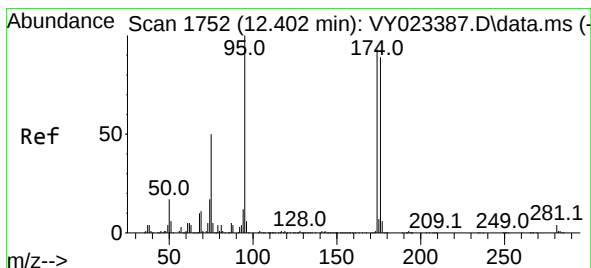
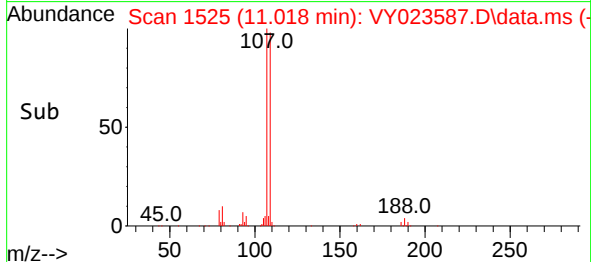
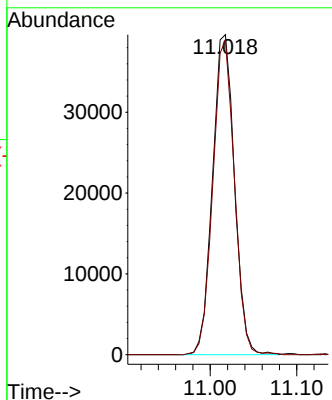
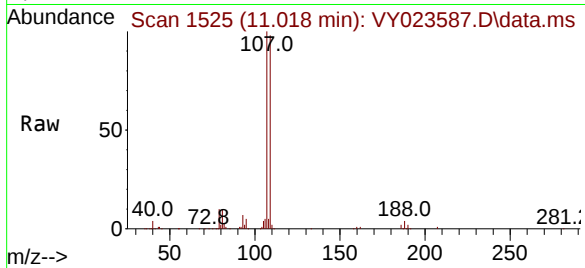




#61
1,2-Dibromoethane
Concen: 20.591 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

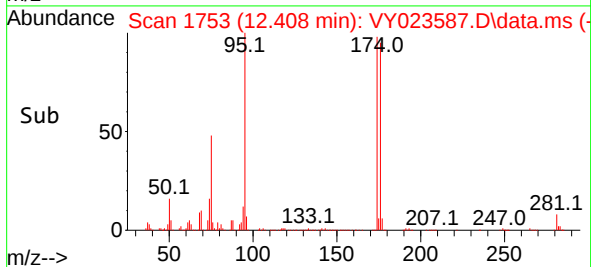
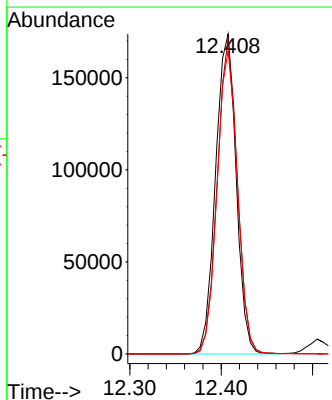
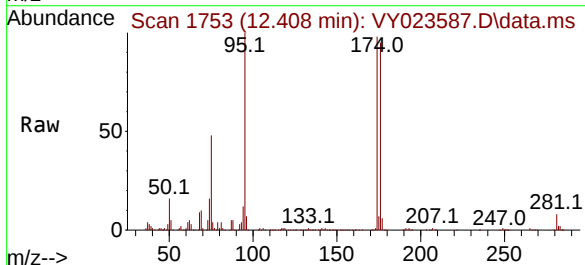
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

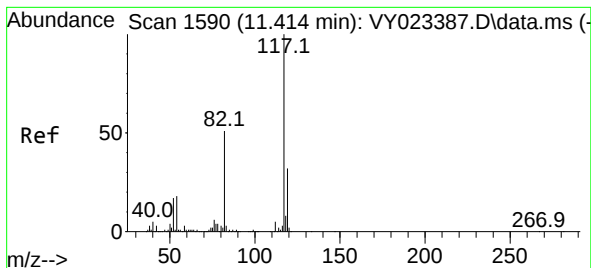
Tgt Ion:107 Resp: 69606
Ion Ratio Lower Upper
107 100
109 96.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.142 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 95 Resp: 271973
Ion Ratio Lower Upper
95 100
174 96.4 0.0 192.8
176 93.8 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: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

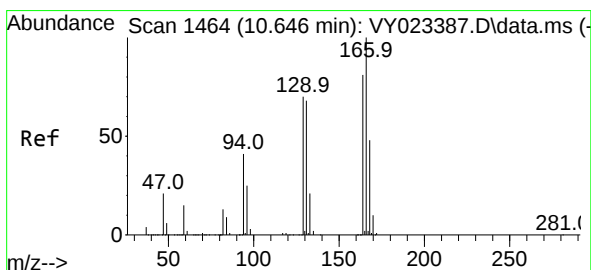
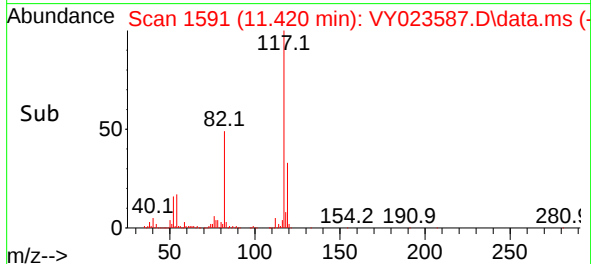
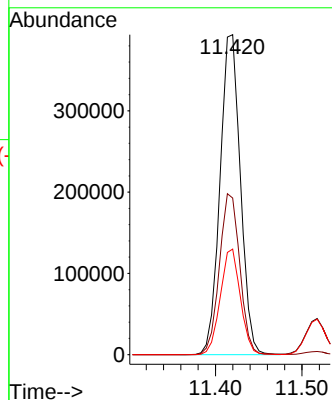
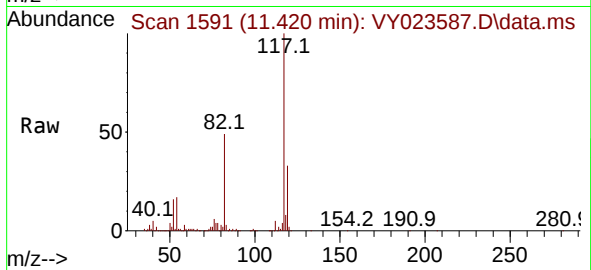
Tgt Ion:117 Resp: 644176

Ion Ratio Lower Upper

117 100

82 48.9 41.0 61.4

119 33.0 25.6 38.4



#64

Tetrachloroethene

Concen: 22.496 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Tgt Ion:164 Resp: 149629

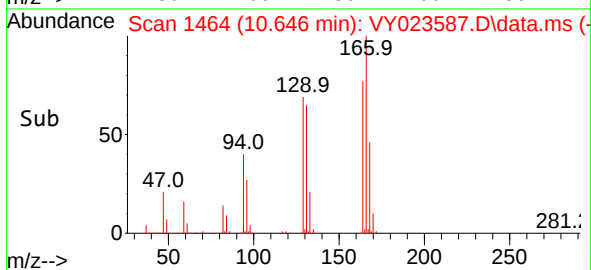
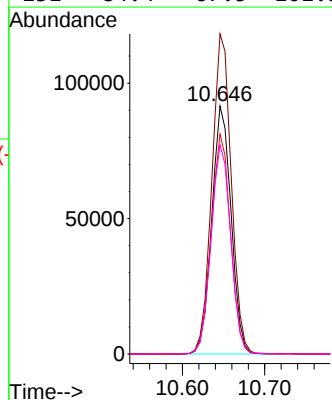
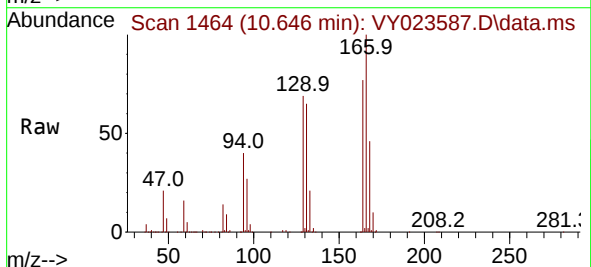
Ion Ratio Lower Upper

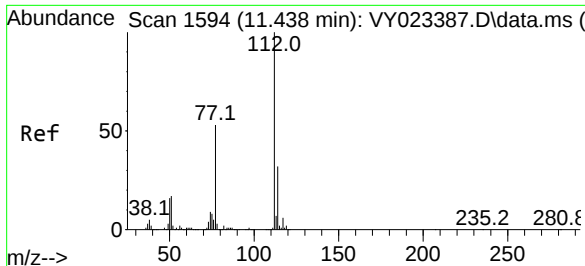
164 100

166 129.1 99.4 149.0

129 88.7 69.4 104.2

131 84.4 67.5 101.3

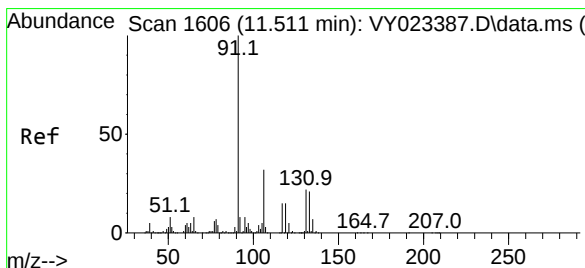
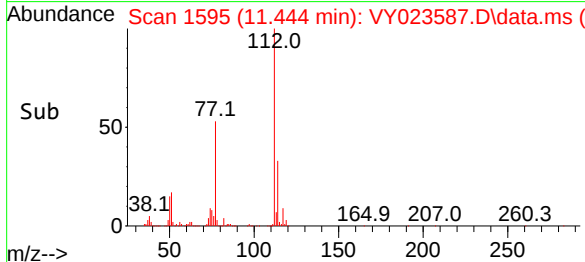
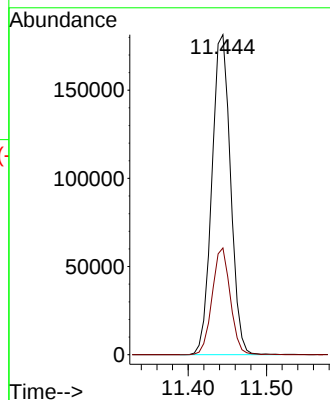
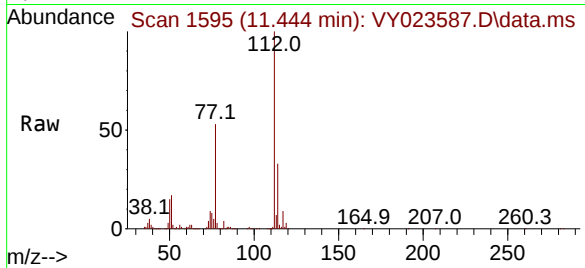




#65
Chlorobenzene
Concen: 21.423 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

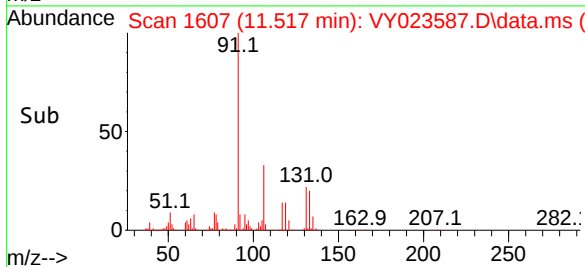
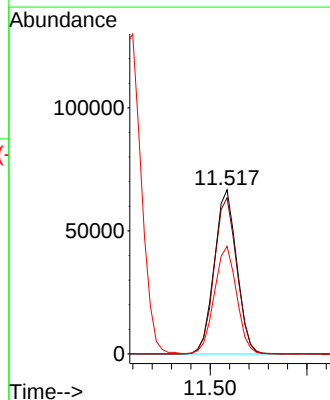
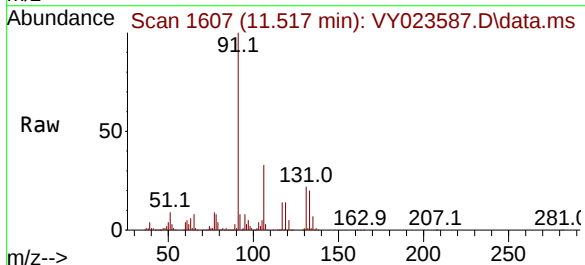
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

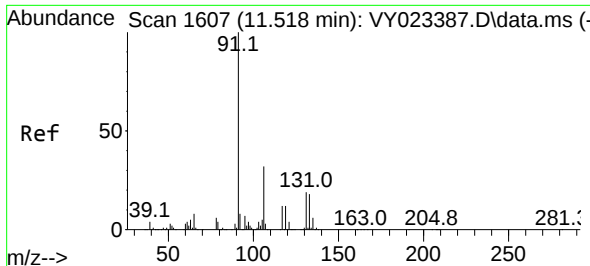
Tgt Ion:112 Resp: 300150
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.561 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:131 Resp: 107648
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.2
119 65.2 32.4 97.2

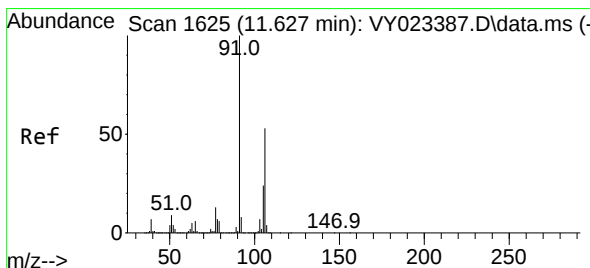
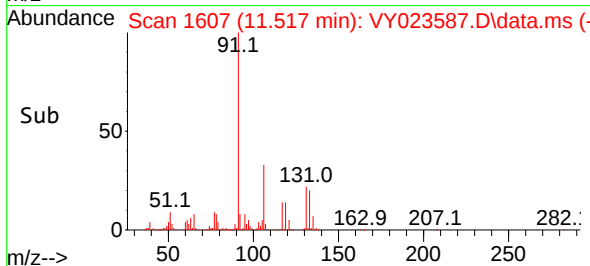
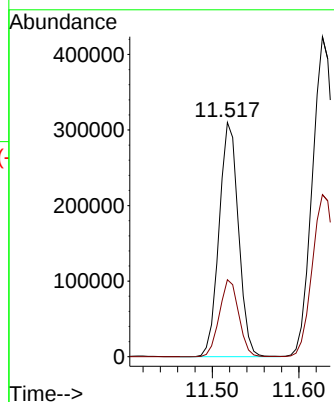
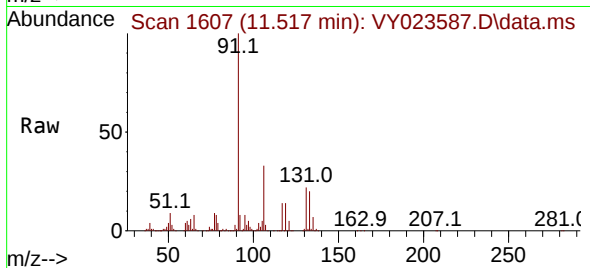




#67
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

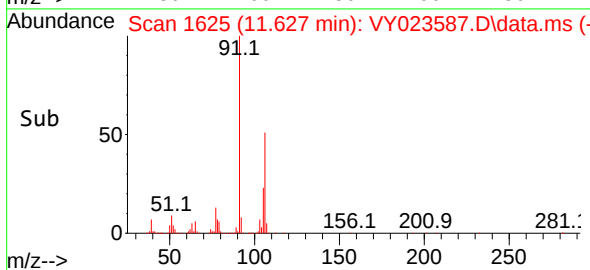
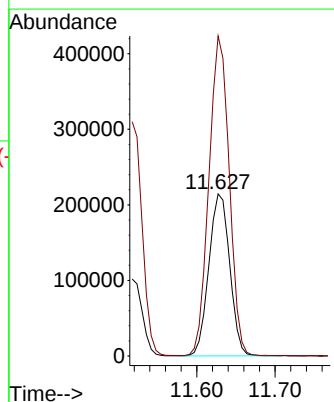
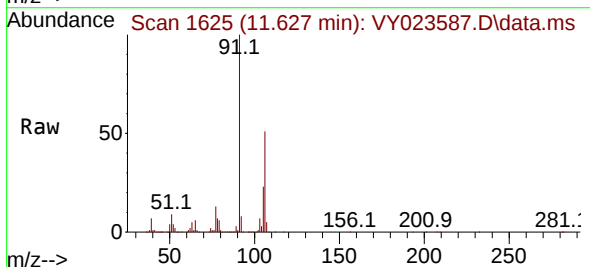
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

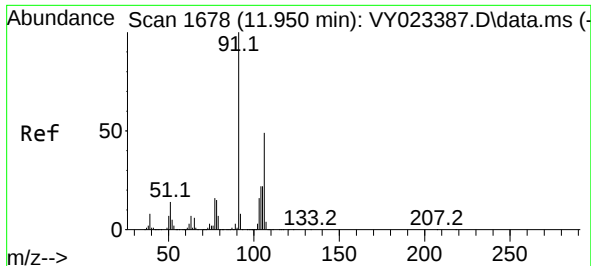
Tgt Ion: 91 Resp: 482176
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8



#68
m/p-Xylenes
Concen: 43.538 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:106 Resp: 396042
Ion Ratio Lower Upper
106 100
91 193.1 152.6 229.0

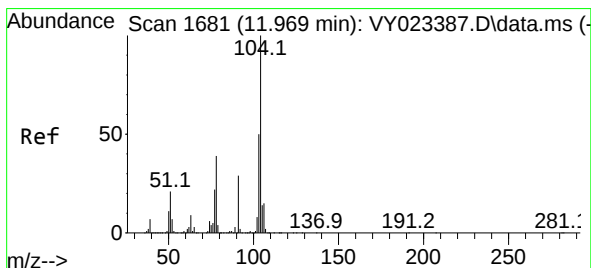
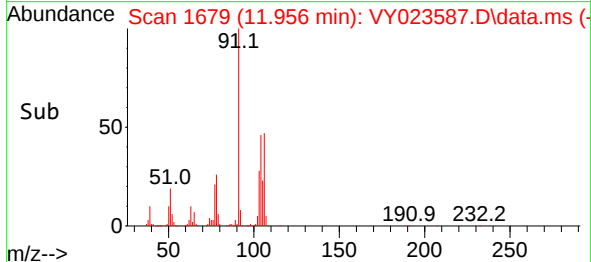
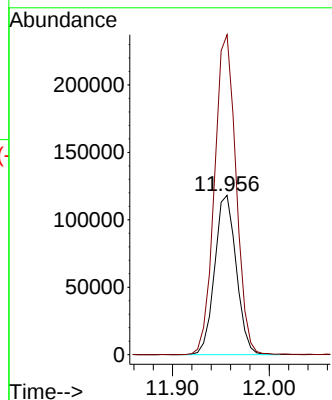
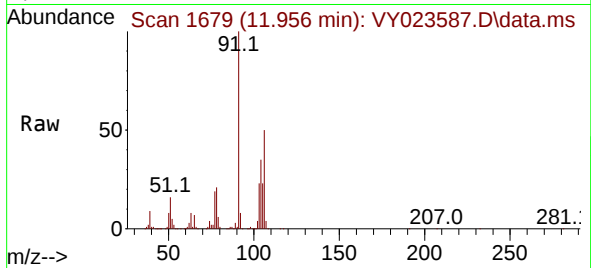




#69
o-Xylene
Concen: 21.446 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

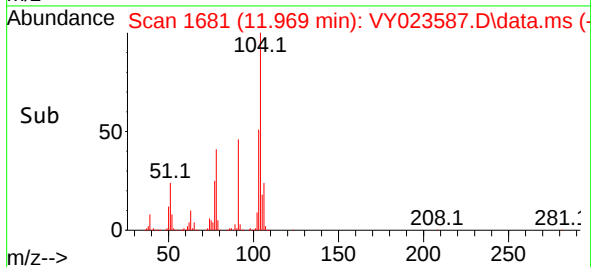
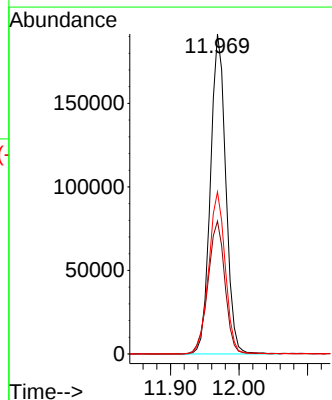
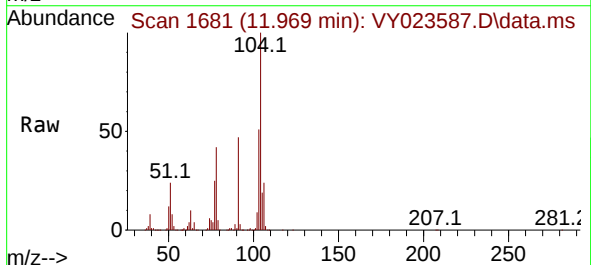
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

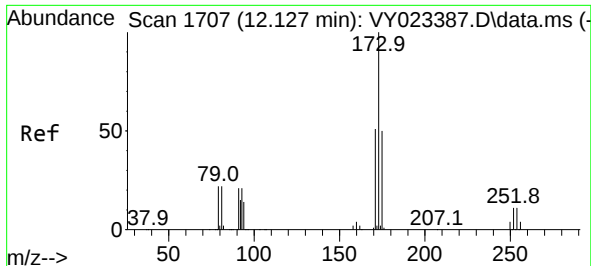
Tgt Ion:106 Resp: 182977
Ion Ratio Lower Upper
106 100
91 200.9 101.4 304.1



#70
Styrene
Concen: 21.328 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:104 Resp: 299250
Ion Ratio Lower Upper
104 100
78 45.8 36.1 54.1
103 54.3 43.2 64.8

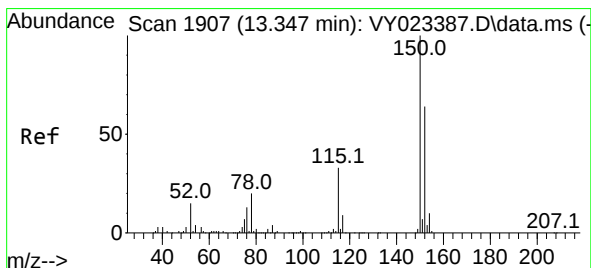
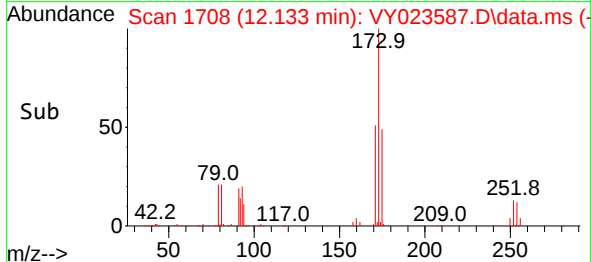
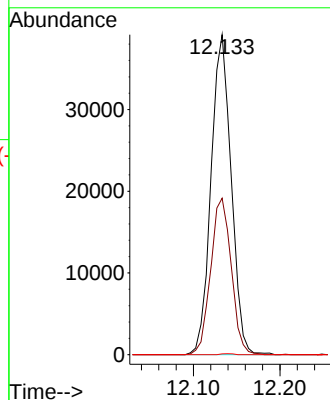
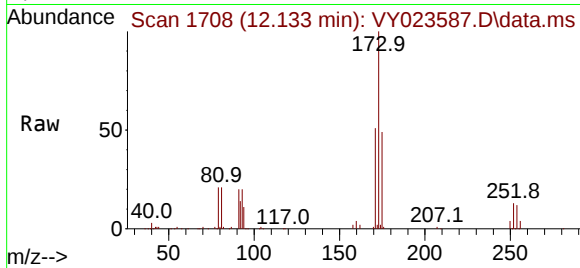




#71
Bromoform
Concen: 20.417 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

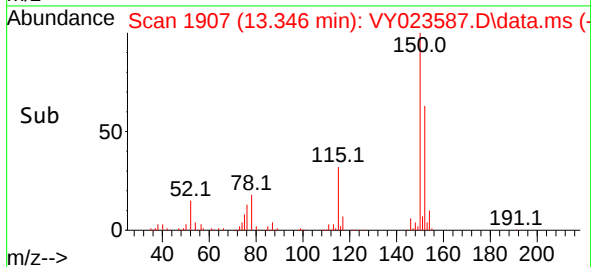
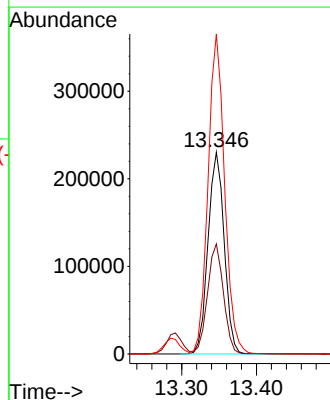
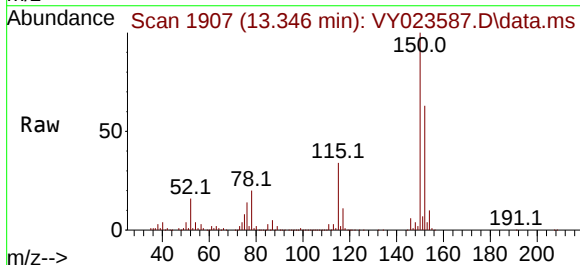
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

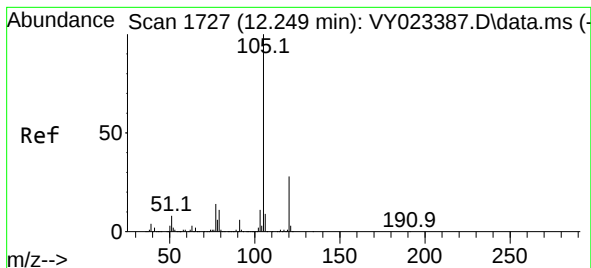
Tgt Ion:173 Resp: 63230
Ion Ratio Lower Upper
173 100
175 49.9 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion:152 Resp: 345467
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 162.5 0.0 347.4





#73

Isopropylbenzene

Concen: 20.978 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

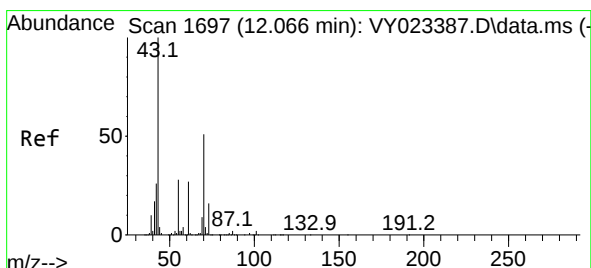
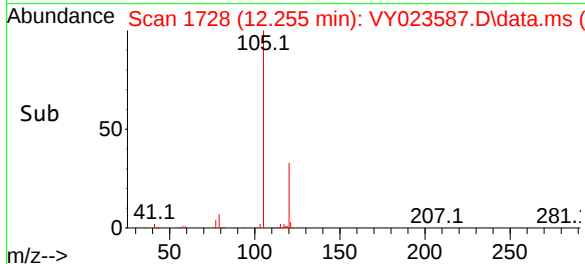
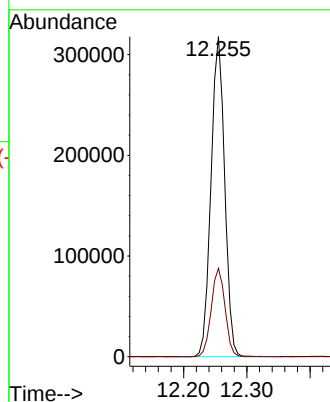
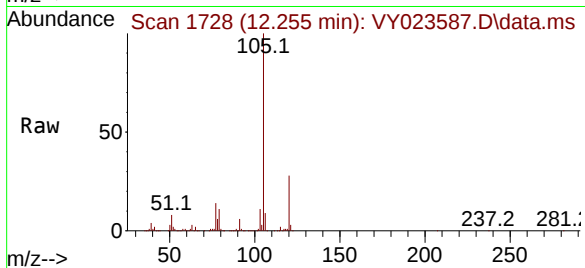
VY1027SBS01

Tgt Ion:105 Resp: 477591

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 17.977 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Tgt Ion: 43 Resp: 73513

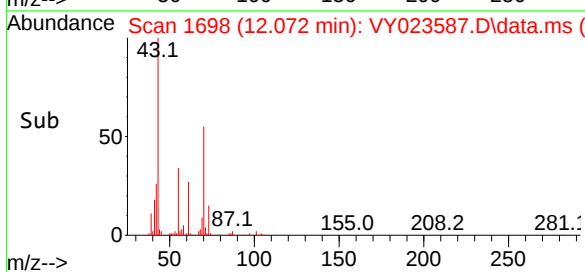
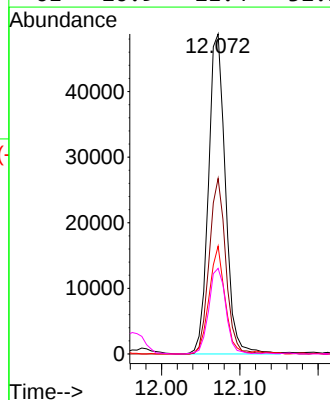
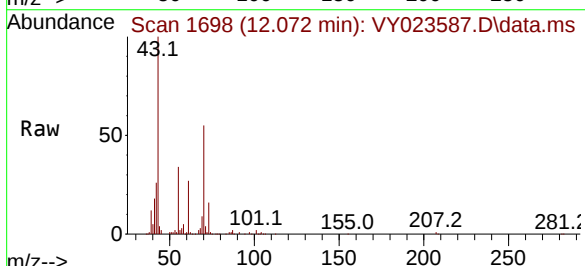
Ion Ratio Lower Upper

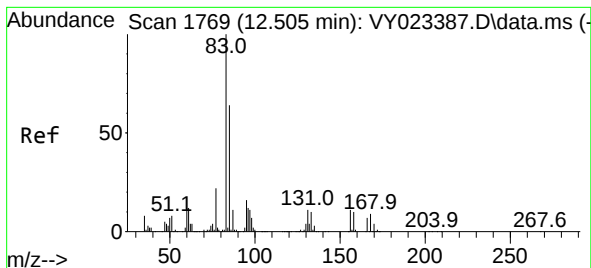
43 100

70 53.4 41.1 61.7

55 31.2 23.0 34.6

61 26.9 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.899 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

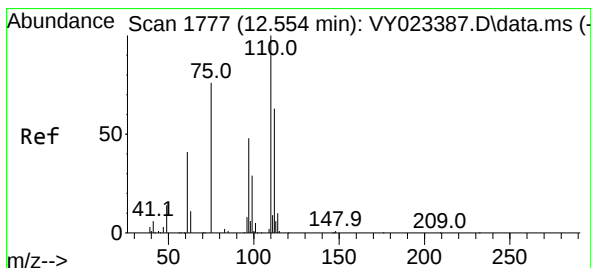
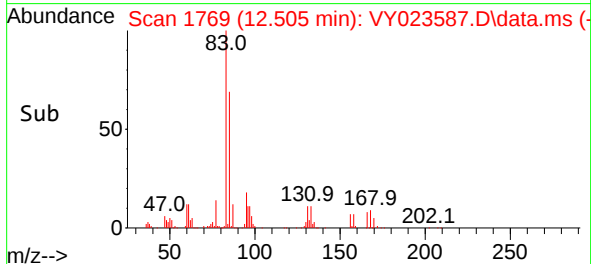
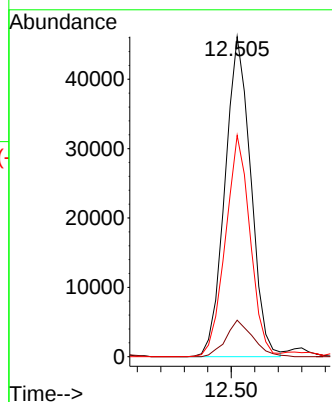
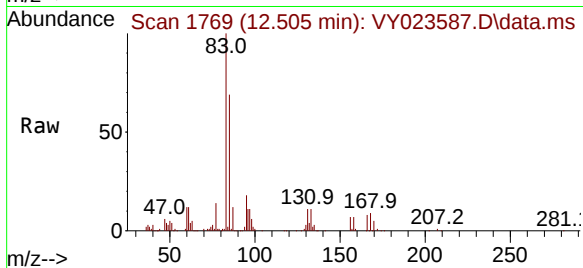
Tgt Ion: 83 Resp: 70375

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.6

85 66.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.520 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023587.D

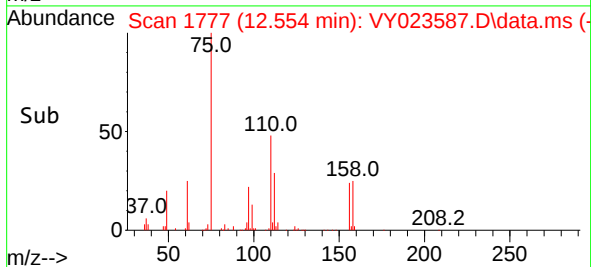
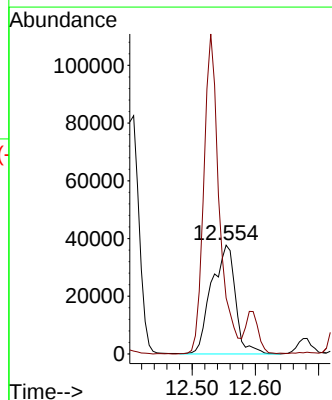
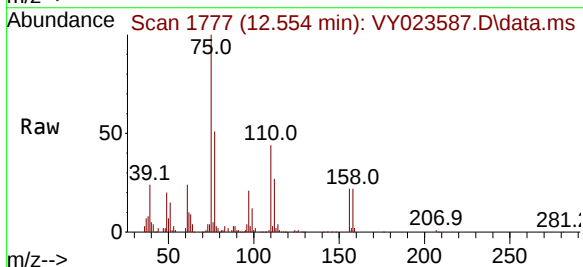
Acq: 27 Oct 2025 10:17

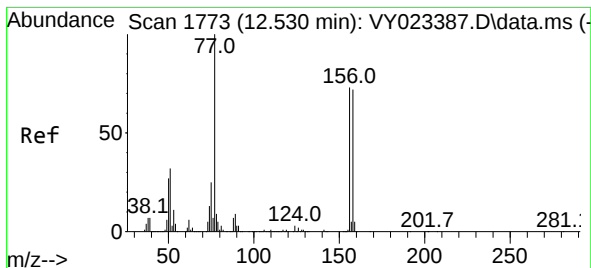
Tgt Ion: 75 Resp: 99119

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.573 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

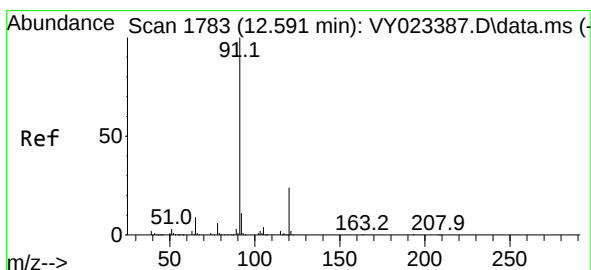
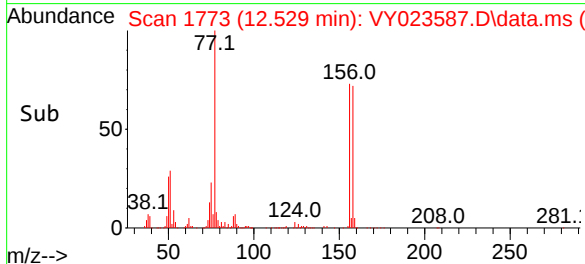
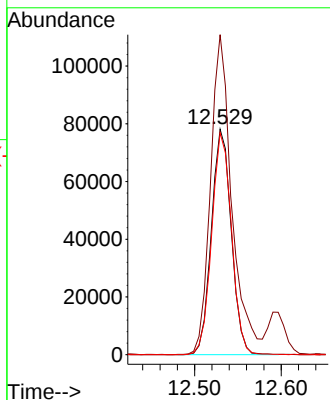
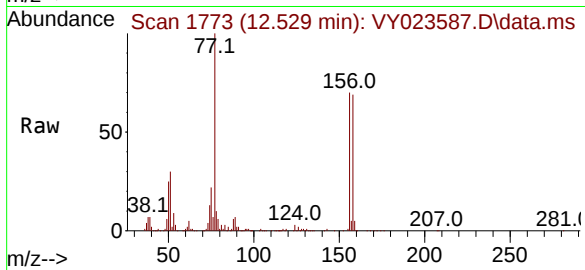
Tgt Ion:156 Resp: 124518

Ion Ratio Lower Upper

156 100

77 152.9 76.8 230.5

158 98.1 49.0 147.2



#78

n-propylbenzene

Concen: 21.460 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023587.D

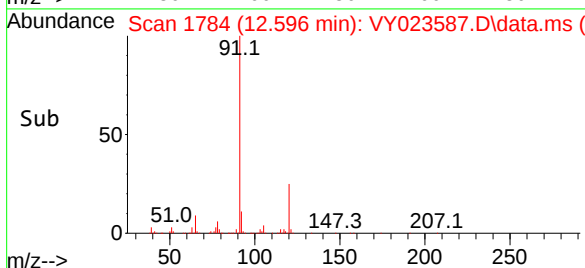
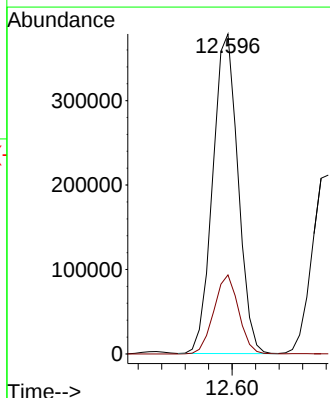
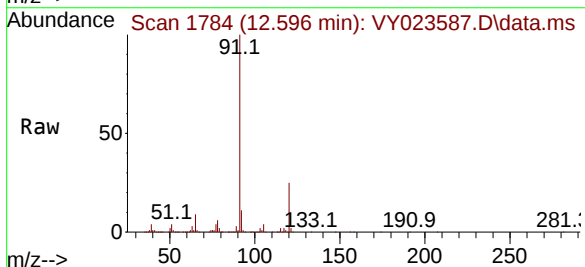
Acq: 27 Oct 2025 10:17

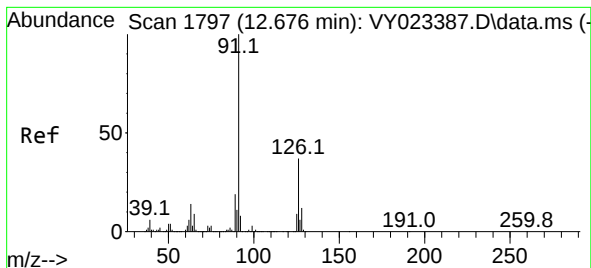
Tgt Ion: 91 Resp: 565369

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8





#79

2-Chlorotoluene

Concen: 21.179 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

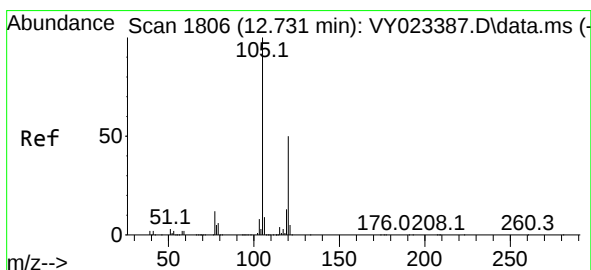
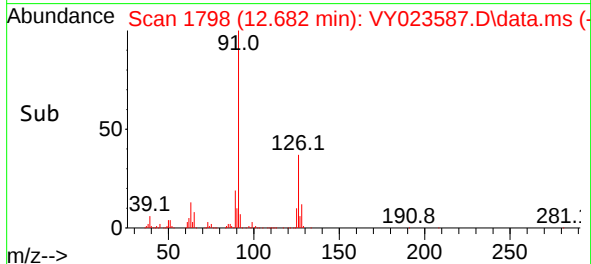
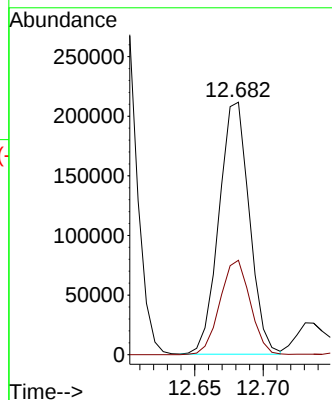
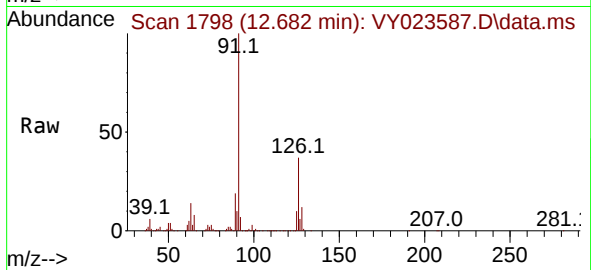
VY1027SBS01

Tgt Ion: 91 Resp: 326754

Ion Ratio Lower Upper

91 100

126 37.4 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 21.723 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023587.D

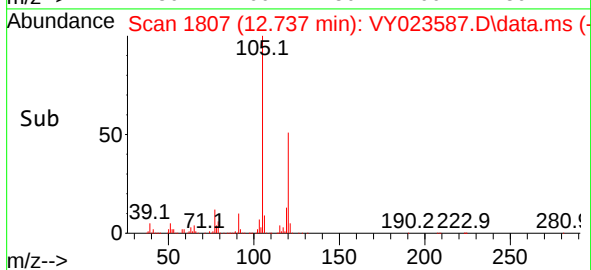
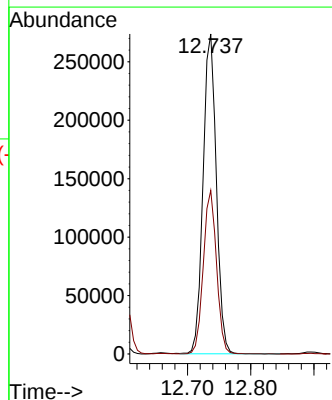
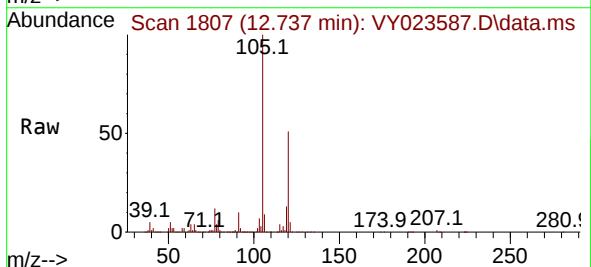
Acq: 27 Oct 2025 10:17

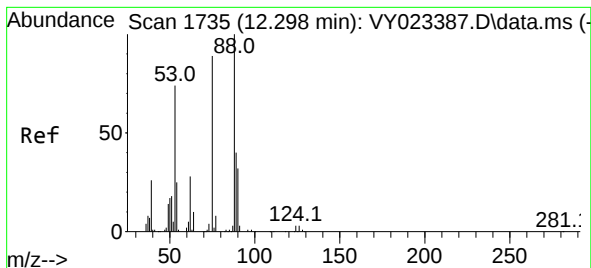
Tgt Ion: 105 Resp: 399645

Ion Ratio Lower Upper

105 100

120 51.1 25.4 76.4

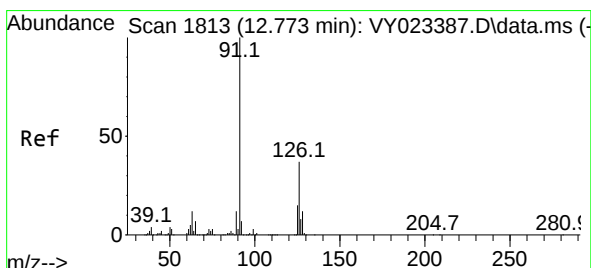
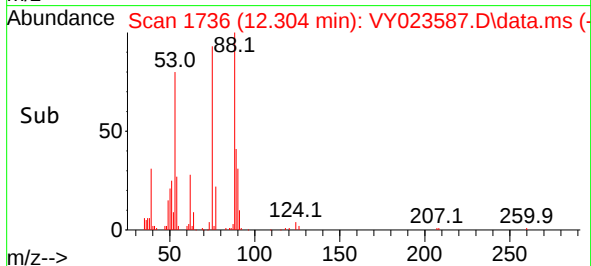
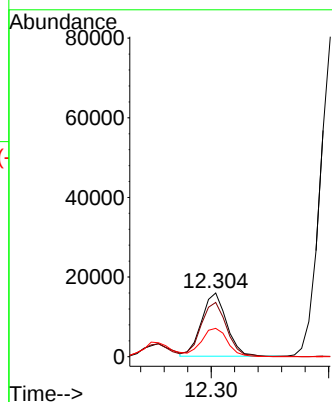
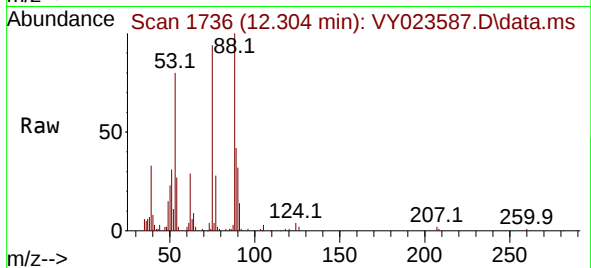




#81
trans-1,4-Dichloro-2-butene
Concen: 18.848 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

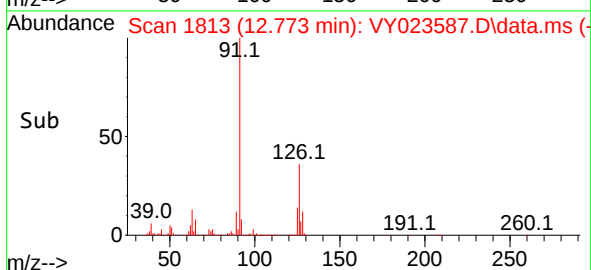
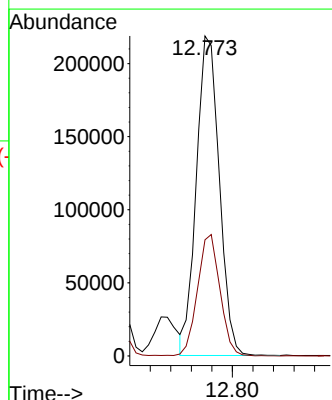
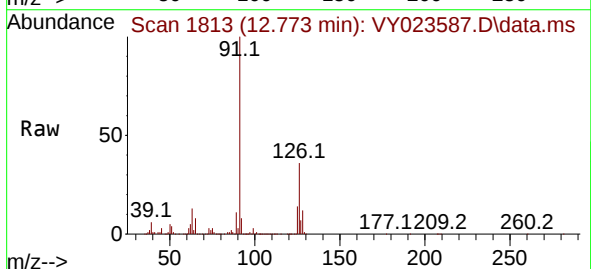
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBS01

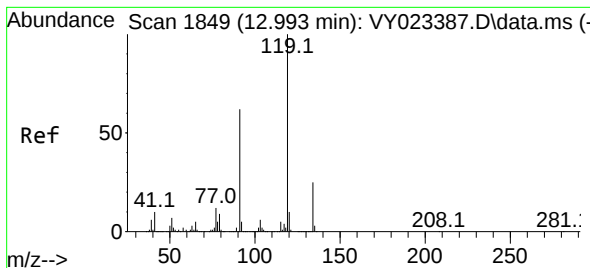
Tgt Ion: 75 Resp: 23427
Ion Ratio Lower Upper
75 100
53 87.8 68.6 102.8
89 46.6 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.370 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023587.D
Acq: 27 Oct 2025 10:17

Tgt Ion: 91 Resp: 339541
Ion Ratio Lower Upper
91 100
126 37.3 18.4 55.4





#83

tert-Butylbenzene

Concen: 21.371 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

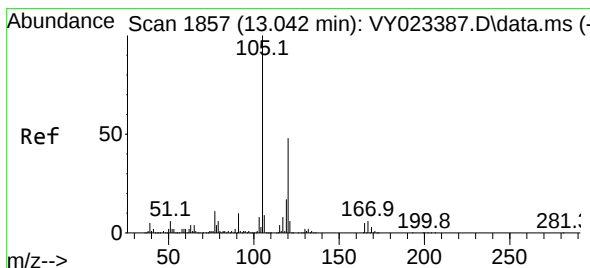
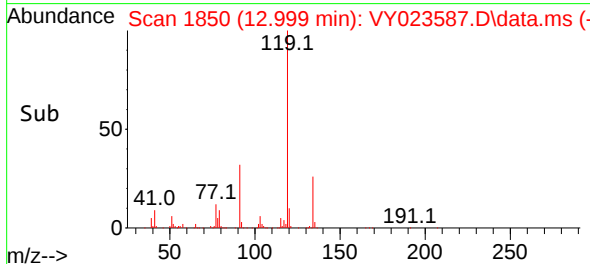
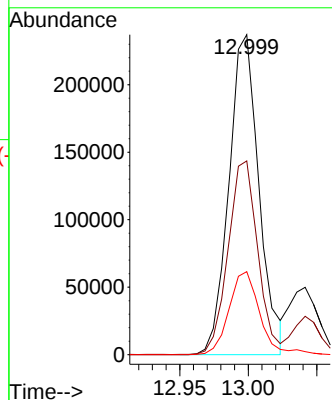
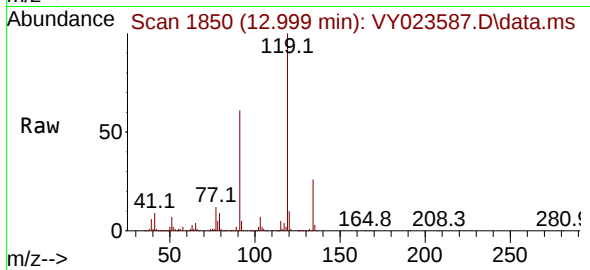
Tgt Ion:119 Resp: 363021

Ion Ratio Lower Upper

119 100

91 59.6 29.9 89.8

134 26.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.636 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023587.D

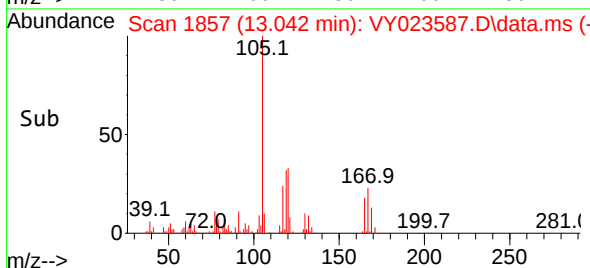
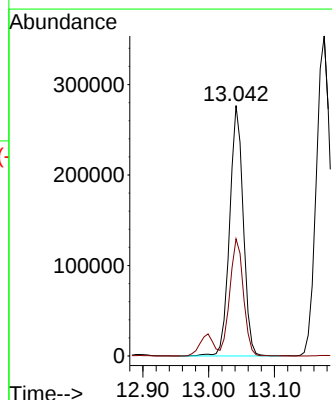
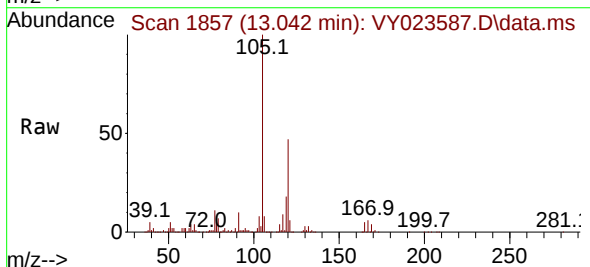
Acq: 27 Oct 2025 10:17

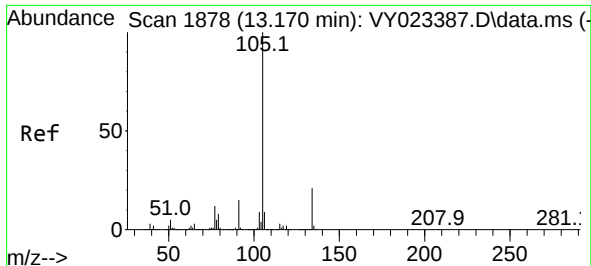
Tgt Ion:105 Resp: 397243

Ion Ratio Lower Upper

105 100

120 46.7 23.8 71.2

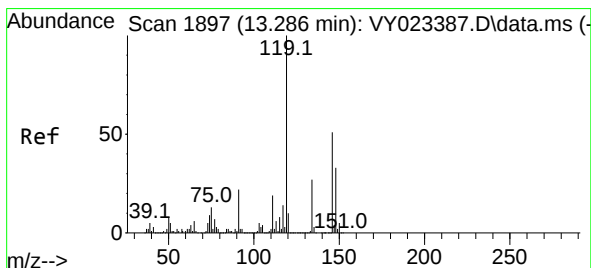
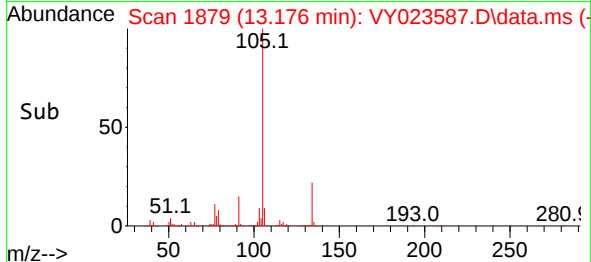
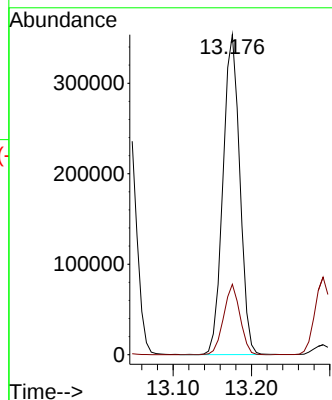
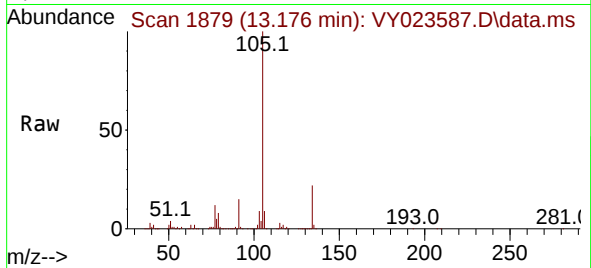




#85
 sec-Butylbenzene
 Concen: 21.712 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

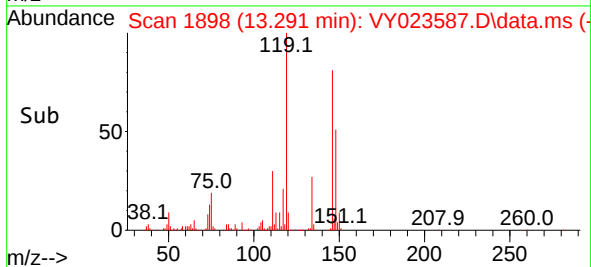
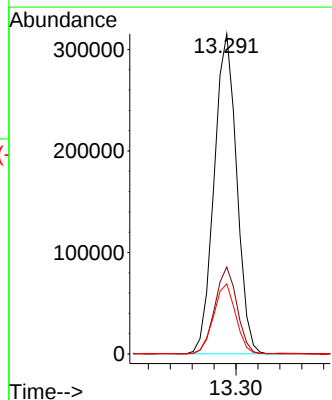
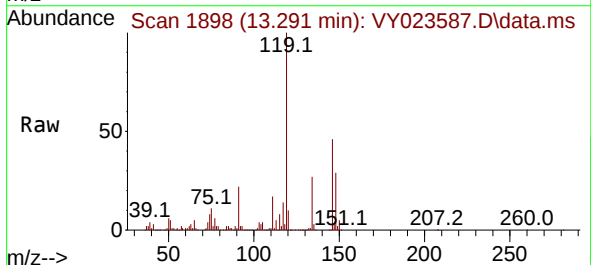
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

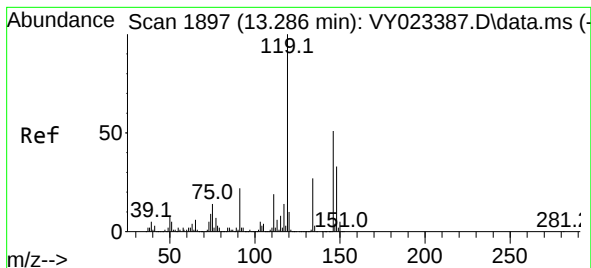
Tgt Ion:105 Resp: 529053
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.697 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

Tgt Ion:119 Resp: 450136
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.6 40.7
 91 21.5 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 21.280 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

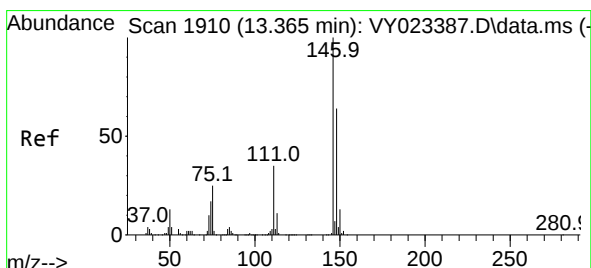
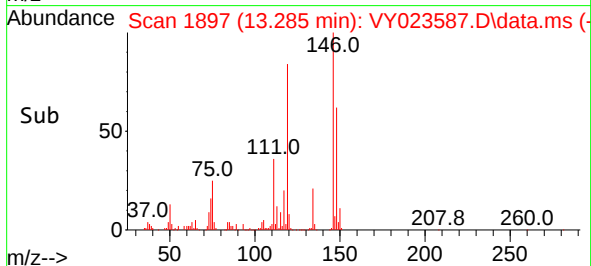
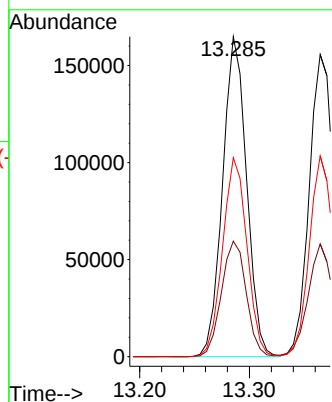
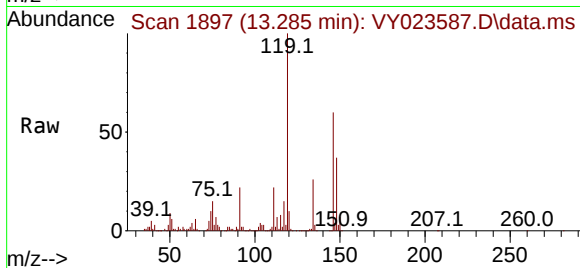
Tgt Ion:146 Resp: 250810

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.925 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

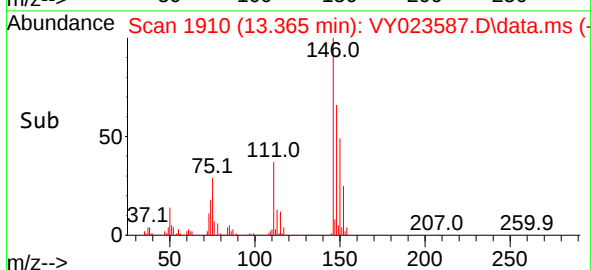
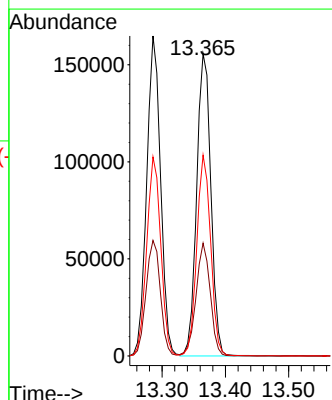
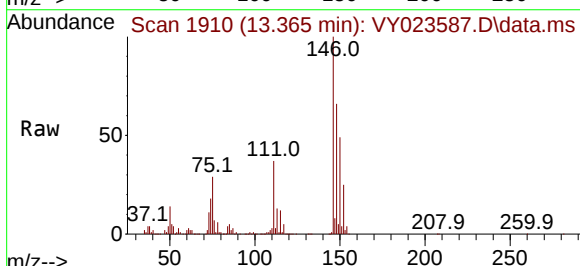
Tgt Ion:146 Resp: 243581

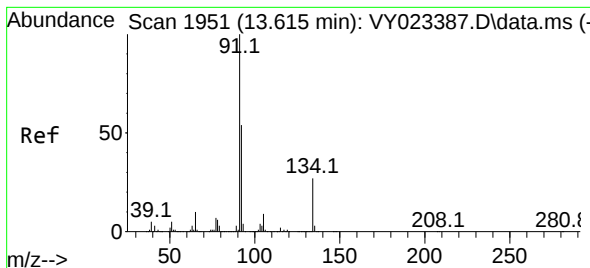
Ion Ratio Lower Upper

146 100

111 37.5 18.0 54.0

148 64.9 31.9 95.7





#89

n-Butylbenzene

Concen: 21.032 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

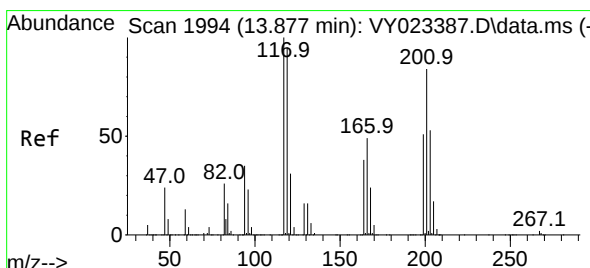
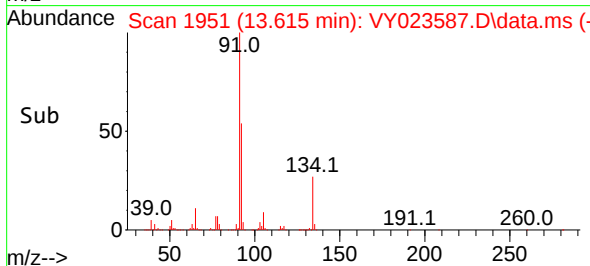
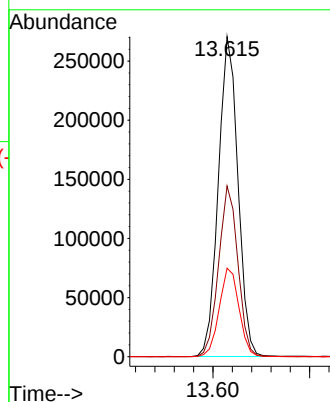
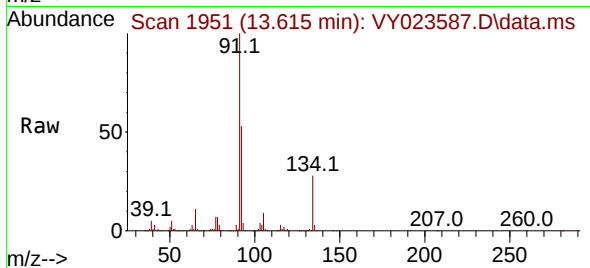
Tgt Ion: 91 Resp: 380196

Ion Ratio Lower Upper

91 100

92 52.6 27.0 80.8

134 27.9 14.1 42.2



#90

Hexachloroethane

Concen: 21.281 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023587.D

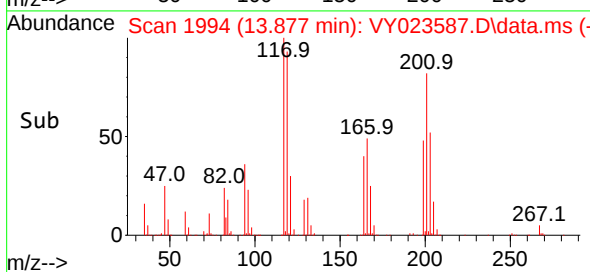
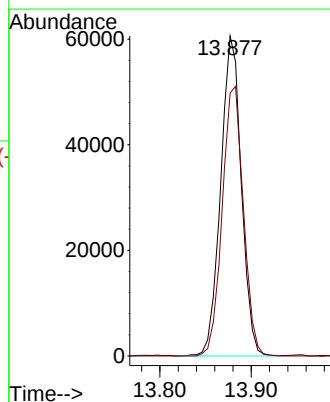
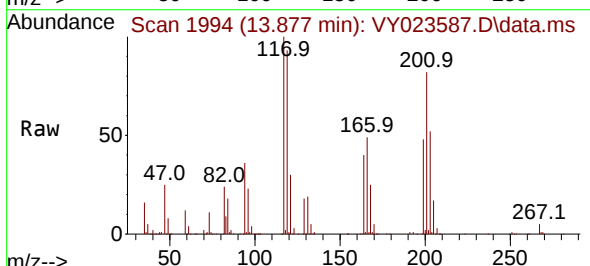
Acq: 27 Oct 2025 10:17

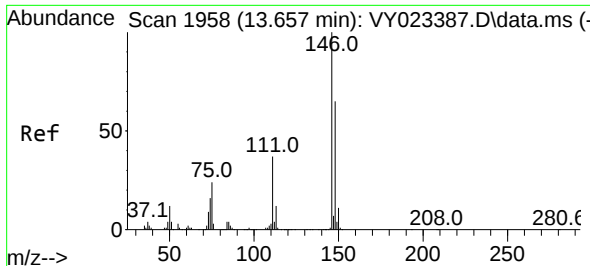
Tgt Ion: 117 Resp: 94960

Ion Ratio Lower Upper

117 100

201 86.4 43.8 131.4

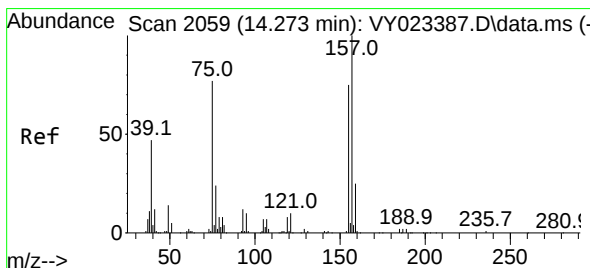
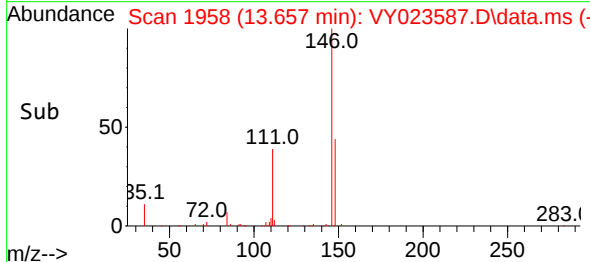
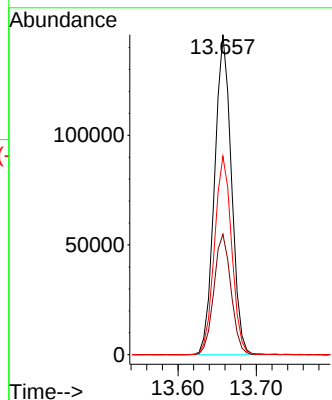
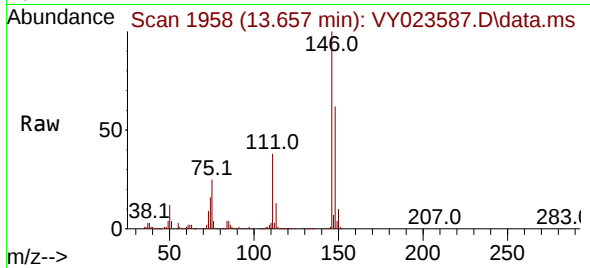




#91
 1,2-Dichlorobenzene
 Concen: 21.156 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

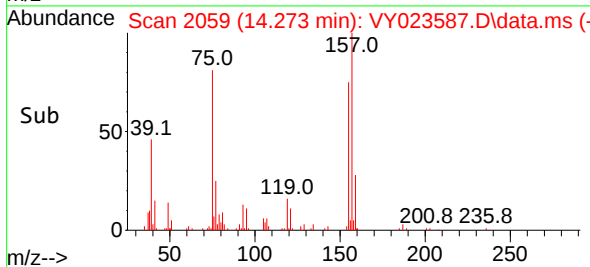
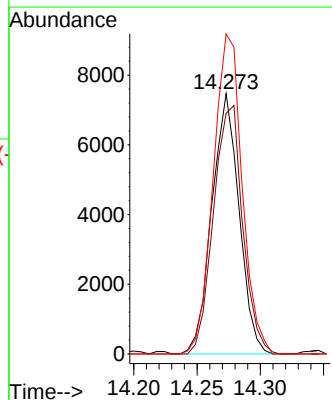
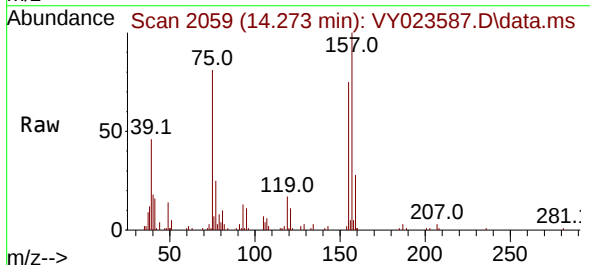
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBS01

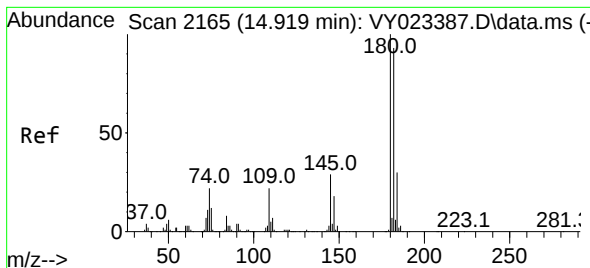
Tgt Ion:146 Resp: 218613
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 63.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.295 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023587.D
 Acq: 27 Oct 2025 10:17

Tgt Ion: 75 Resp: 11178
 Ion Ratio Lower Upper
 75 100
 155 102.2 50.0 150.0
 157 130.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 19.850 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

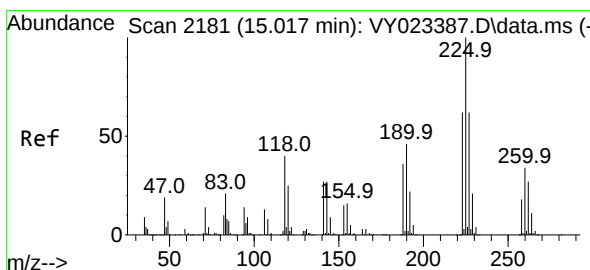
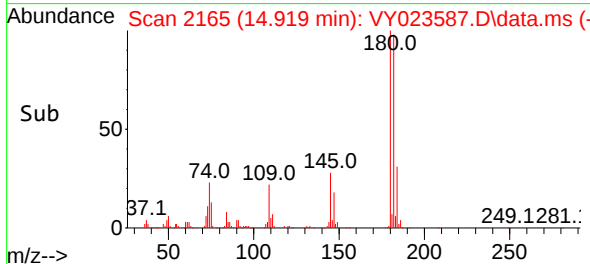
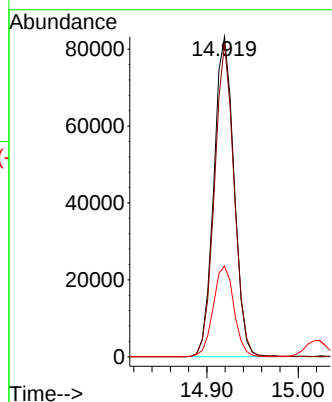
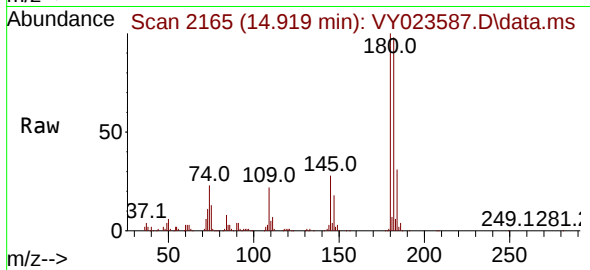
Tgt Ion:180 Resp: 127872

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.6

145 29.1 14.7 44.1



#94

Hexachlorobutadiene

Concen: 21.046 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

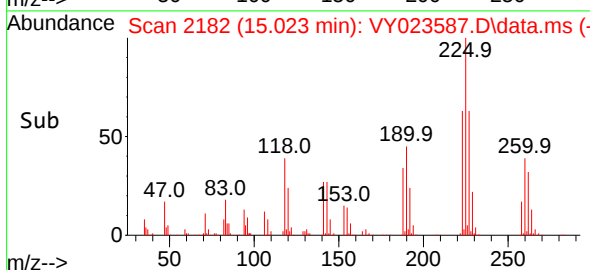
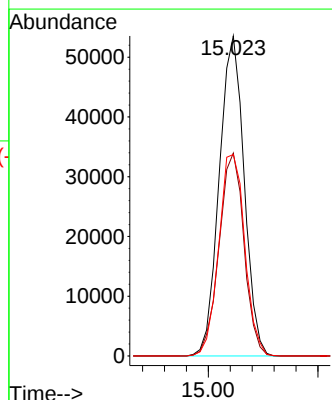
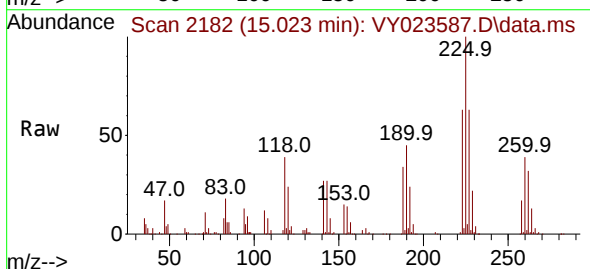
Tgt Ion:225 Resp: 84513

Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 65.8 31.9 95.7





#95

Naphthalene

Concen: 17.341 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBS01

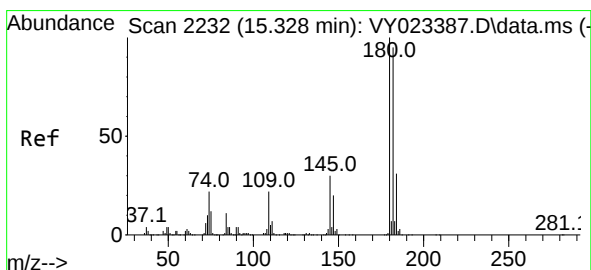
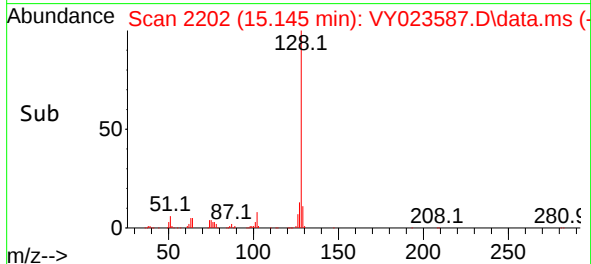
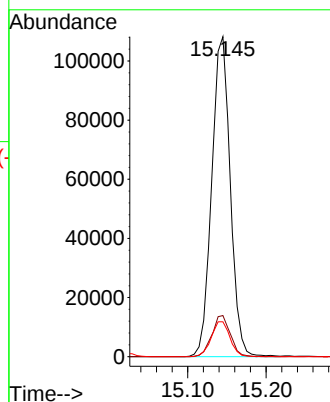
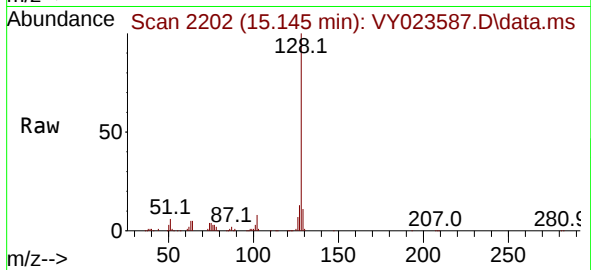
Tgt Ion:128 Resp: 177886

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.273 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023587.D

Acq: 27 Oct 2025 10:17

Tgt Ion:180 Resp: 107539

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 30.1 15.3 45.9

