

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023546.D
 Acq On : 22 Oct 2025 10:51
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 24 02:27:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	542616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	794200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	691787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	364513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	204806	45.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.280%
35) Dibromofluoromethane	7.634	113	240748	49.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.109	98	883426	48.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.402	95	292410	48.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75983	19.455	ug/l	97
3) Chloromethane	2.074	50	92933	17.467	ug/l	99
4) Vinyl Chloride	2.208	62	126494	18.253	ug/l	98
5) Bromomethane	2.592	94	110374	18.979	ug/l	100
6) Chloroethane	2.739	64	89057	18.853	ug/l	97
7) Trichlorofluoromethane	3.056	101	187963	19.534	ug/l	100
8) Diethyl Ether	3.458	74	48922	19.457	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	101676	20.363	ug/l	99
10) Methyl Iodide	4.007	142	118807	21.373	ug/l	98
11) Tert butyl alcohol	4.860	59	31636	93.720	ug/l	94
12) 1,1-Dichloroethene	3.793	96	96256	19.887	ug/l	92
13) Acrolein	3.653	56	23721	49.732	ug/l	96
14) Allyl chloride	4.391	41	107766	18.269	ug/l	96
15) Acrylonitrile	5.067	53	88820	92.308	ug/l	99
16) Acetone	3.866	43	128229	118.706	ug/l	100
17) Carbon Disulfide	4.110	76	260315	18.791	ug/l	99
18) Methyl Acetate	4.385	43	45233	15.963	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	224408	19.290	ug/l	95
20) Methylene Chloride	4.616	84	105150	18.001	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	106942	20.068	ug/l	98
22) Diisopropyl ether	6.019	45	250099	19.167	ug/l	93
23) Vinyl Acetate	5.964	43	664719	94.117	ug/l	98
24) 1,1-Dichloroethane	5.921	63	171993	19.899	ug/l	97
25) 2-Butanone	6.896	43	138738	105.202	ug/l	100
26) 2,2-Dichloropropane	6.884	77	161087	20.311	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	127379	20.693	ug/l	95
28) Bromochloromethane	7.250	49	62387	19.335	ug/l	93
29) Tetrahydrofuran	7.268	42	63173	84.474	ug/l	93
30) Chloroform	7.427	83	195371	20.573	ug/l	99
31) Cyclohexane	7.707	56	139704	18.508	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	178412	20.674	ug/l	98
36) 1,1-Dichloropropene	7.841	75	132638	20.530	ug/l	100
37) Ethyl Acetate	6.988	43	48392	18.907	ug/l	98
38) Carbon Tetrachloride	7.823	117	160505	20.489	ug/l	95
39) Methylcyclohexane	9.109	83	168002	19.972	ug/l	99
40) Benzene	8.085	78	423056	20.677	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23527	16.996	ug/l	88
42) 1,2-Dichloroethane	8.158	62	102298	19.387	ug/l	97
43) Isopropyl Acetate	8.201	43	92102	18.046	ug/l	98
44) Trichloroethene	8.866	130	126688	21.155	ug/l	98
45) 1,2-Dichloropropane	9.140	63	91803	20.314	ug/l	100
46) Dibromomethane	9.231	93	56943	19.927	ug/l	97
47) Bromodichloromethane	9.426	83	149048	20.710	ug/l	98
48) Methyl methacrylate	9.225	41	41870	17.463	ug/l	93
49) 1,4-Dioxane	9.231	88	12343	372.543	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	240905	91.359	ug/l	98
52) Toluene	10.170	92	281449	21.186	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	125699	20.087	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	150591	20.389	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	81403	21.184	ug/l	97
56) Ethyl methacrylate	10.438	69	84192	18.994	ug/l	95
57) 1,3-Dichloropropane	10.719	76	123408	20.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	194748	98.074	ug/l	99
59) 2-Hexanone	10.762	43	193121	102.481	ug/l	97
60) Dibromochloromethane	10.908	129	111638	20.721	ug/l	100
61) 1,2-Dibromoethane	11.018	107	75216	20.524	ug/l	99
64) Tetrachloroethene	10.646	164	159402	22.316	ug/l	99
65) Chlorobenzene	11.444	112	315885	20.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	113849	21.234	ug/l	99
67) Ethyl Benzene	11.518	91	506760	20.807	ug/l	99
68) m/p-Xylenes	11.627	106	412583	42.235	ug/l	100
69) o-Xylene	11.957	106	193428	21.110	ug/l	98
70) Styrene	11.969	104	319023	21.173	ug/l	99
71) Bromoform	12.133	173	67370	20.257	ug/l	100
73) Isopropylbenzene	12.255	105	500033	20.816	ug/l	99
74) N-amyl acetate	12.072	43	76114	17.641	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75476	19.210	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	102957	32.014	ug/l #	100
77) Bromobenzene	12.530	156	135048	21.147	ug/l	95
78) n-propylbenzene	12.597	91	582648	20.960	ug/l	99
79) 2-Chlorotoluene	12.676	91	337780	20.750	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	412957	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25722	19.613	ug/l	97
82) 4-Chlorotoluene	12.773	91	343300	20.477	ug/l	98
83) tert-Butylbenzene	12.999	119	374031	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	406596	20.988	ug/l	99
85) sec-Butylbenzene	13.176	105	550279	21.403	ug/l	100
86) p-Isopropyltoluene	13.292	119	467814	21.371	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	258722	20.804	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	254047	20.684	ug/l	99
89) n-Butylbenzene	13.615	91	392922	20.600	ug/l	99
90) Hexachloroethane	13.877	117	95771	20.342	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	227404	20.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12234	18.977	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	137068	20.166	ug/l	98
94) Hexachlorobutadiene	15.023	225	86848	20.497	ug/l	97
95) Naphthalene	15.145	128	204628	18.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	114859	19.509	ug/l	99

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ClientSampleId :
VY1022SBSD01

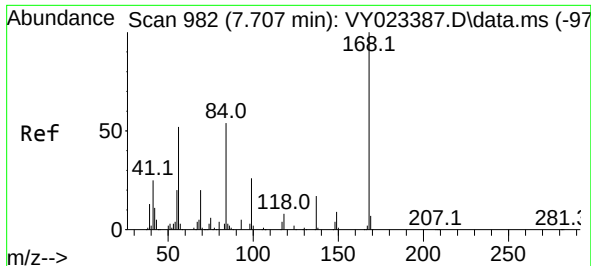
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QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

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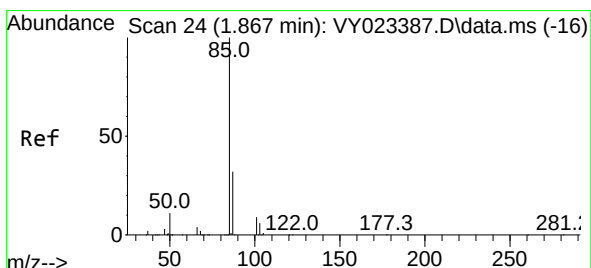
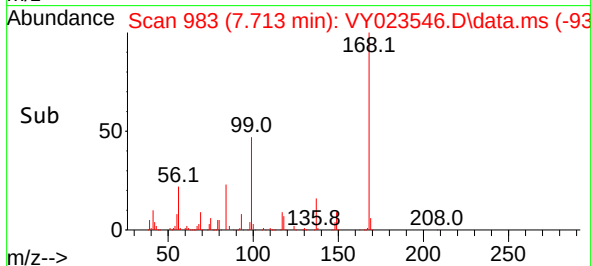
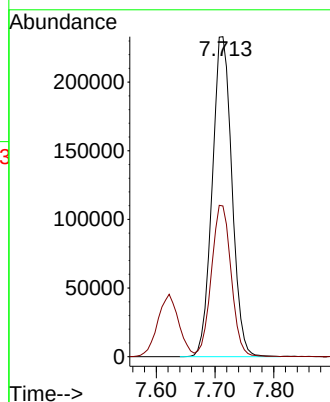
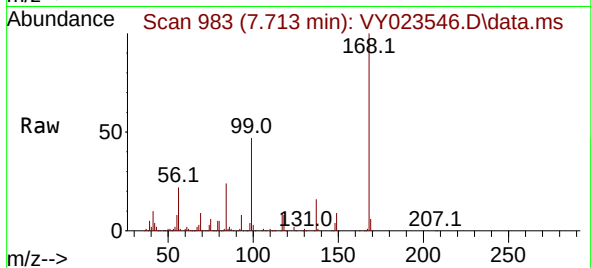




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023546.D
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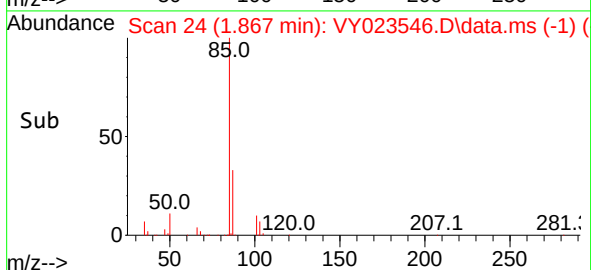
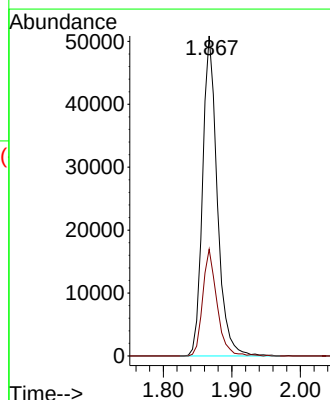
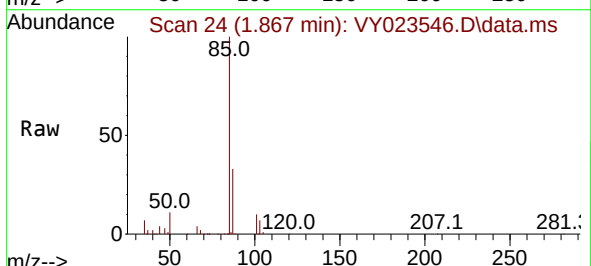
Instrument :
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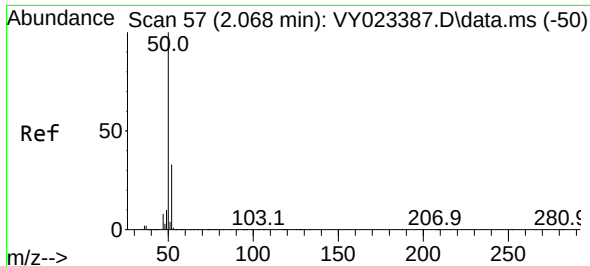
Tgt Ion:168 Resp: 542616
Ion Ratio Lower Upper
168 100
99 47.0 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 19.455 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 85 Resp: 75983
Ion Ratio Lower Upper
85 100
87 33.4 16.0 47.9

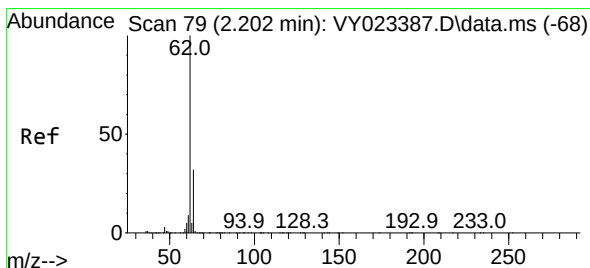
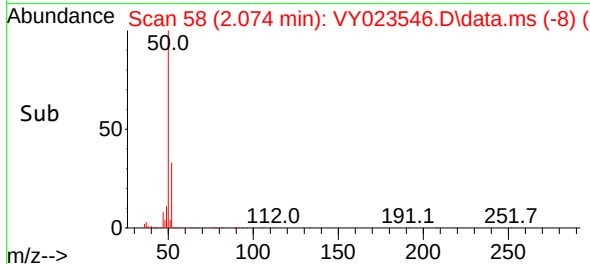
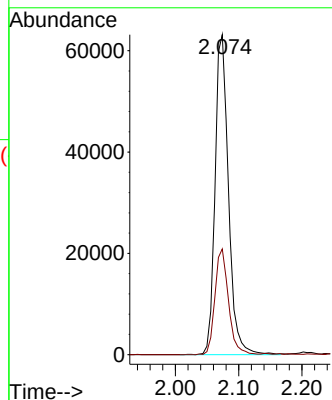
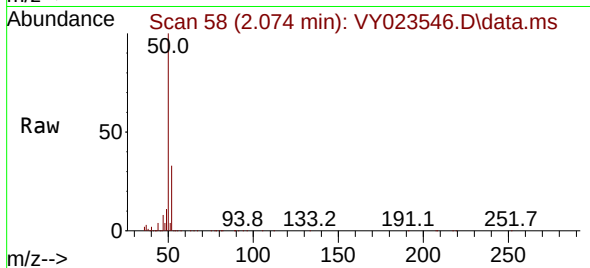




#3
Chloromethane
Concen: 17.467 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

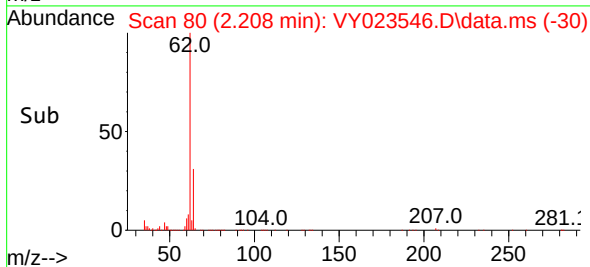
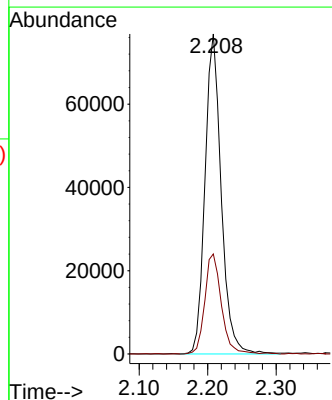
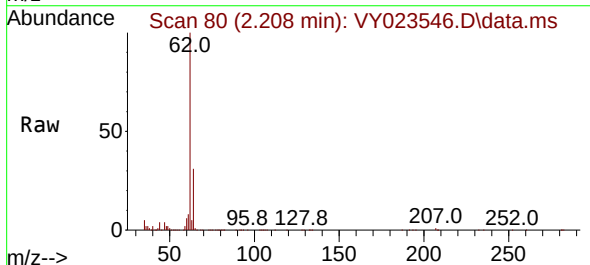
Instrument :
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ClientSampleId :
VY1022SBSD01

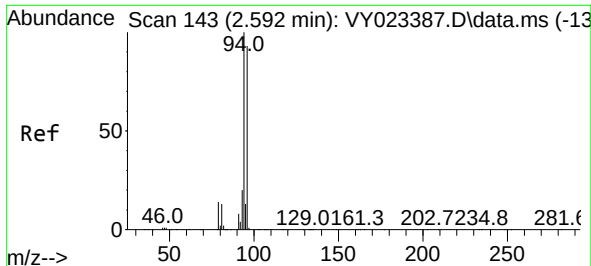
Tgt Ion: 50 Resp: 92933
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 18.253 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 62 Resp: 126494
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8

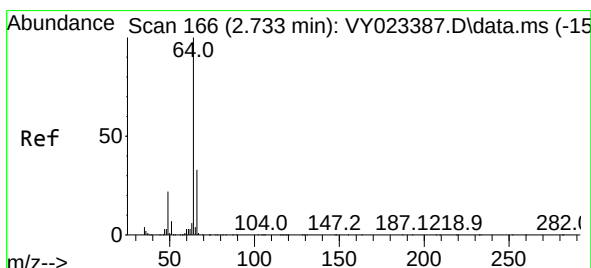
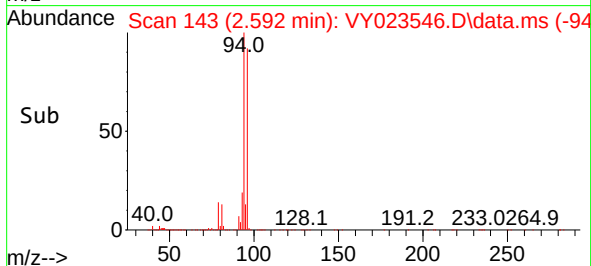
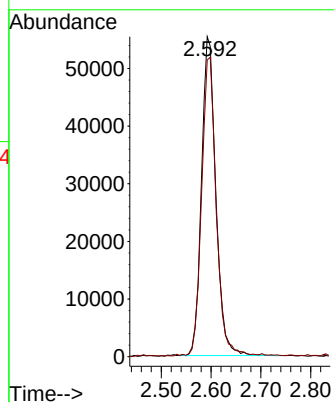
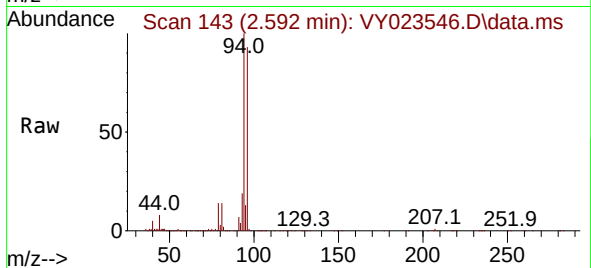




#5
 Bromomethane
 Concen: 18.979 ug/l
 RT: 2.592 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

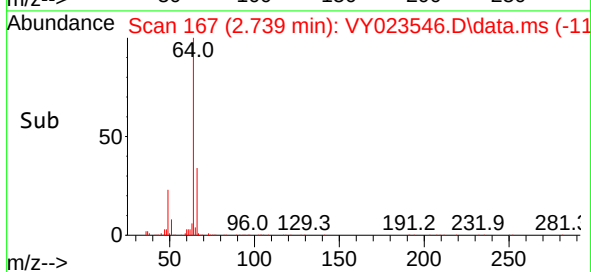
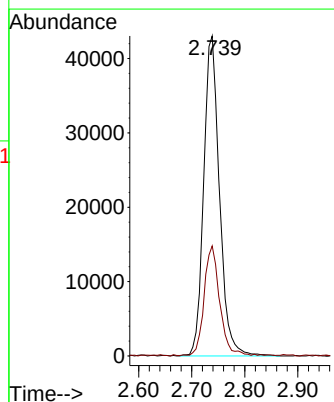
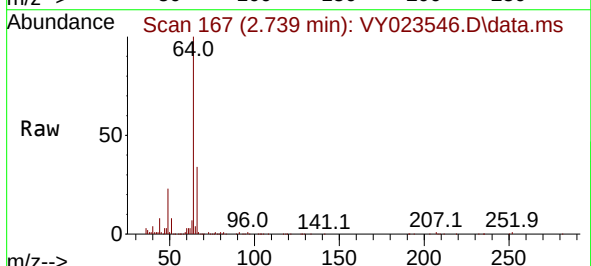
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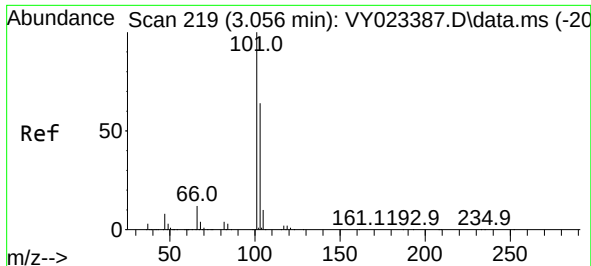
Tgt Ion: 94 Resp: 110374
 Ion Ratio Lower Upper
 94 100
 96 92.7 74.5 111.7



#6
 Chloroethane
 Concen: 18.853 ug/l
 RT: 2.739 min Scan# 167
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion: 64 Resp: 89057
 Ion Ratio Lower Upper
 64 100
 66 34.3 26.2 39.4

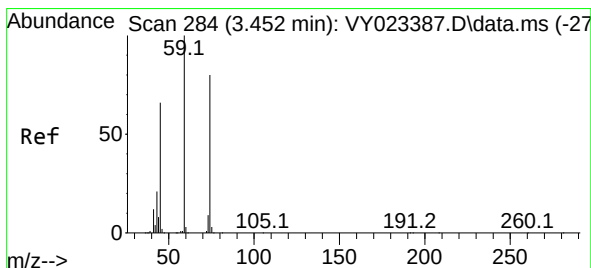
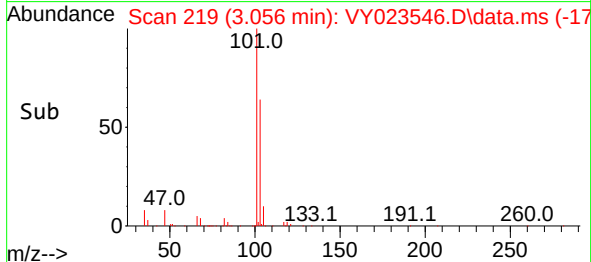
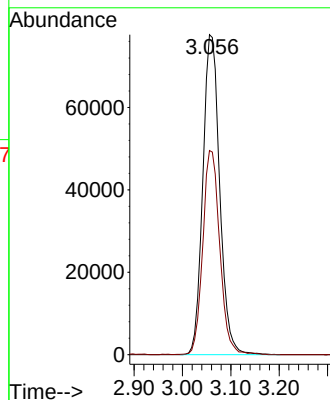
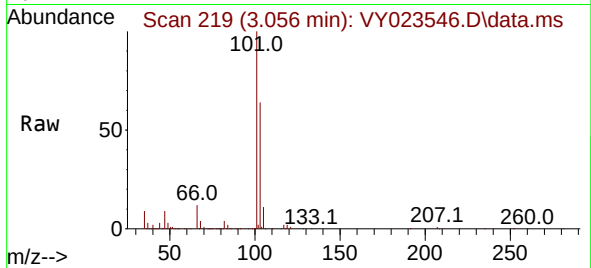




#7
 Trichlorofluoromethane
 Concen: 19.534 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023546.D
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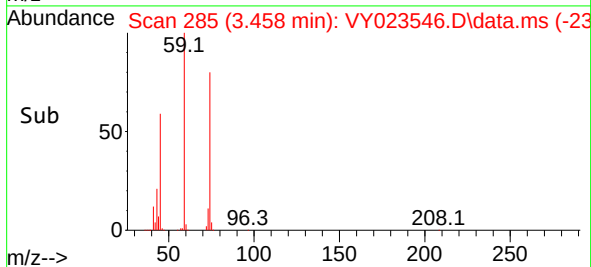
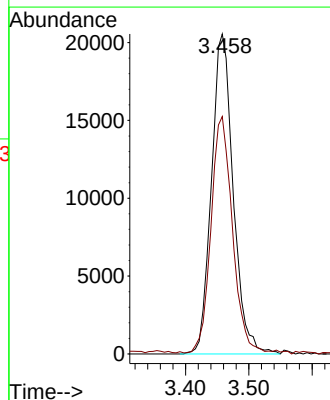
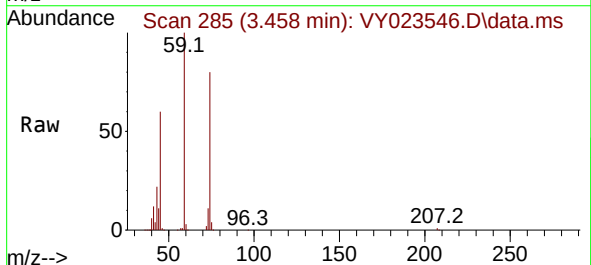
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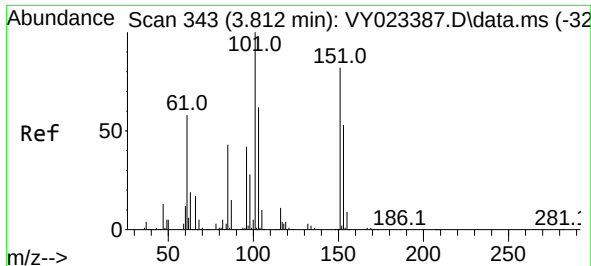
Tgt Ion:101 Resp: 187963
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9



#8
 Diethyl Ether
 Concen: 19.457 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion: 74 Resp: 48922
 Ion Ratio Lower Upper
 74 100
 45 72.8 39.9 119.7

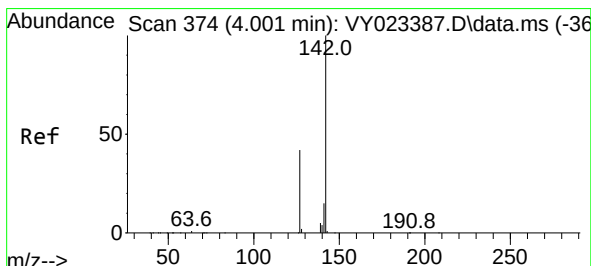
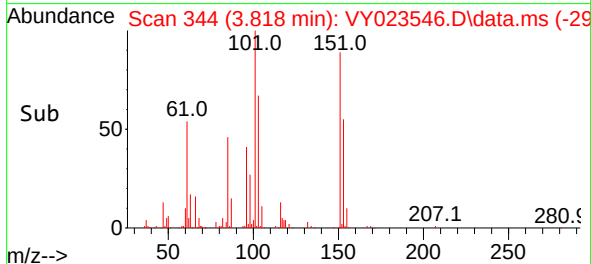
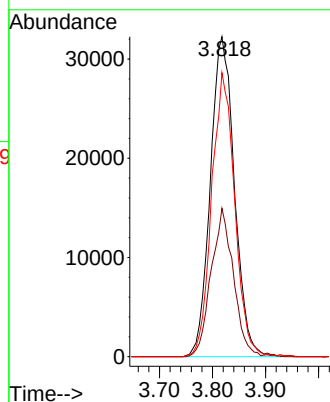
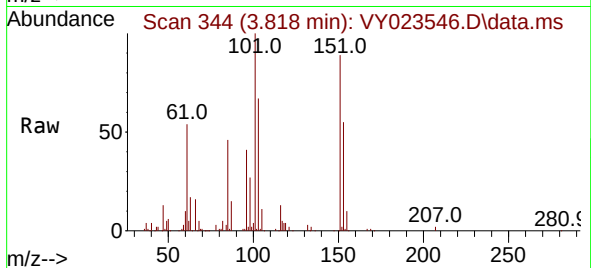




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.363 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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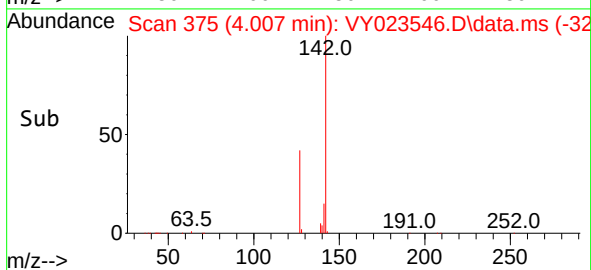
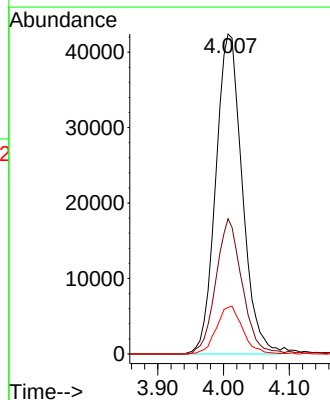
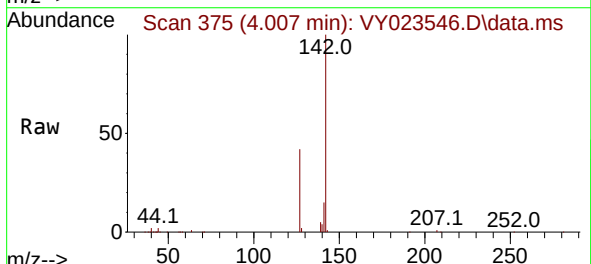
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

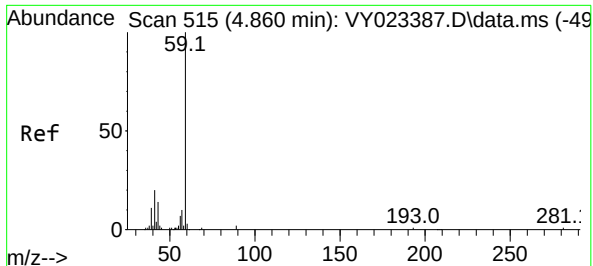
Tgt Ion:101 Resp: 101676
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 84.8 67.0 100.6



#10
Methyl Iodide
Concen: 21.373 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:142 Resp: 118807
Ion Ratio Lower Upper
142 100
127 41.8 34.8 52.2
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 93.720 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

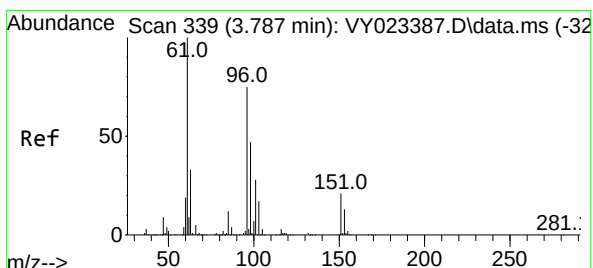
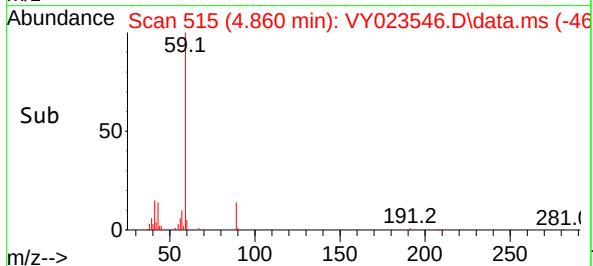
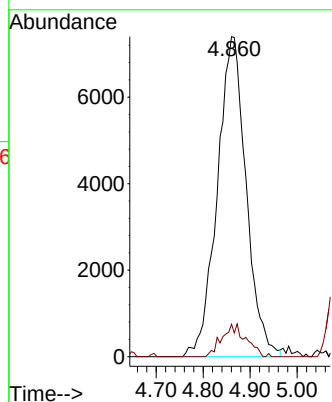
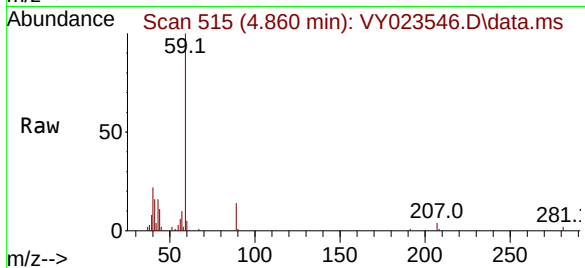
VY1022SBS01

Tgt Ion: 59 Resp: 31636

Ion Ratio Lower Upper

59 100

57 8.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.887 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

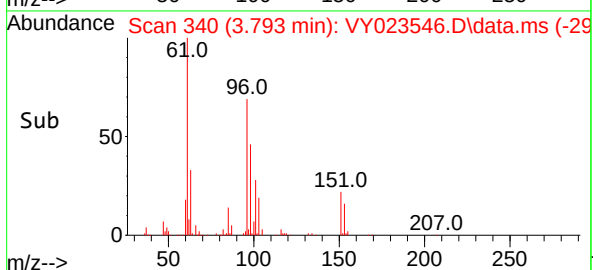
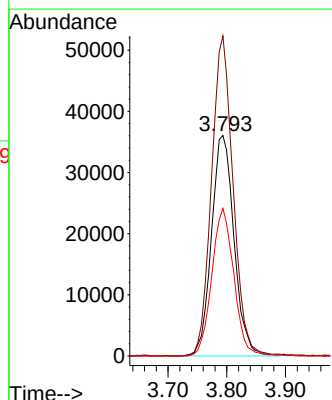
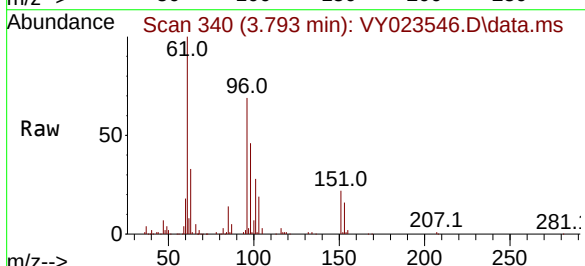
Tgt Ion: 96 Resp: 96256

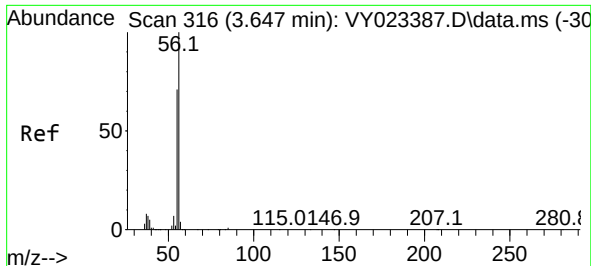
Ion Ratio Lower Upper

96 100

61 145.1 106.7 160.1

98 66.9 50.2 75.4

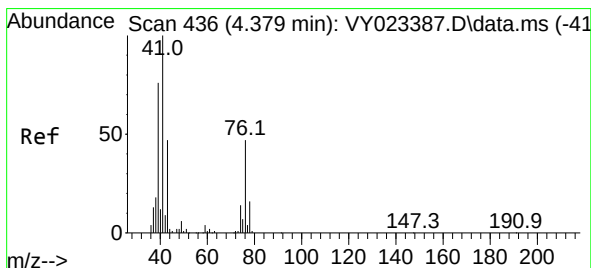
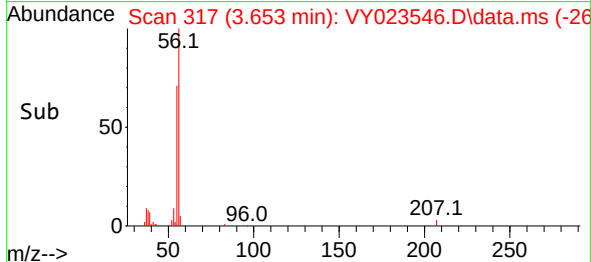
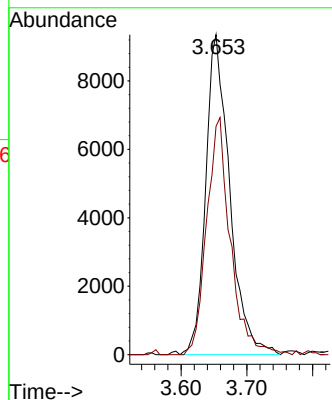
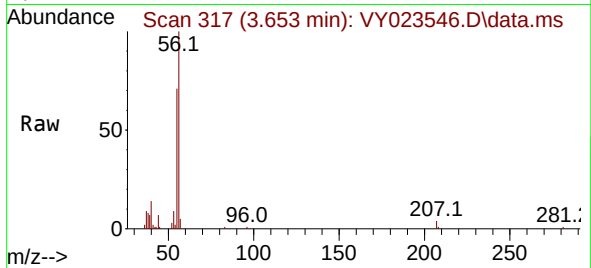




#13
Acrolein
Concen: 49.732 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

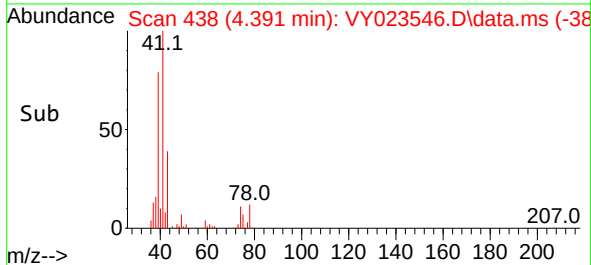
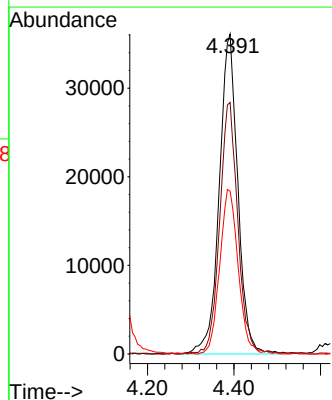
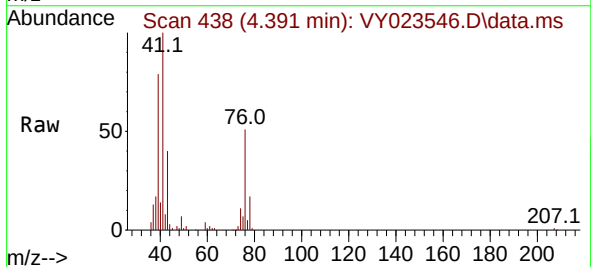
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

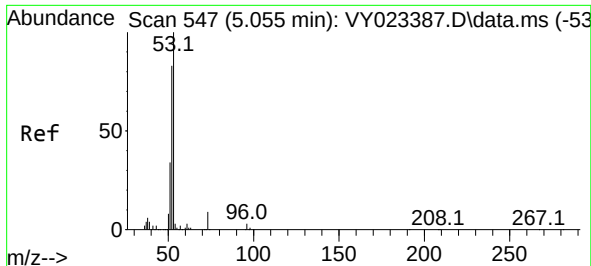
Tgt Ion: 56 Resp: 23721
Ion Ratio Lower Upper
56 100
55 73.2 56.1 84.1



#14
Allyl chloride
Concen: 18.269 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 41 Resp: 107766
Ion Ratio Lower Upper
41 100
39 77.1 59.9 89.9
76 51.0 38.0 57.0

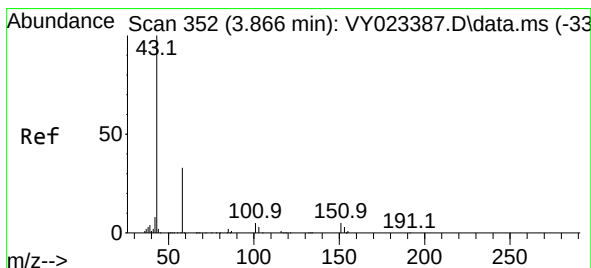
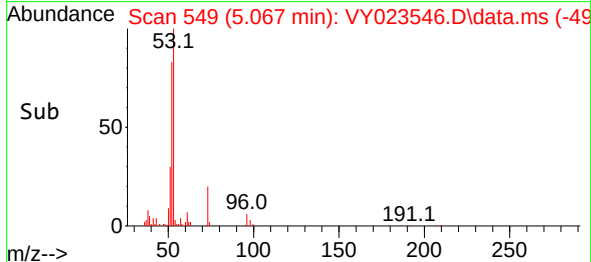
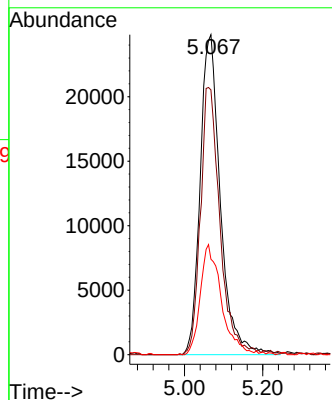
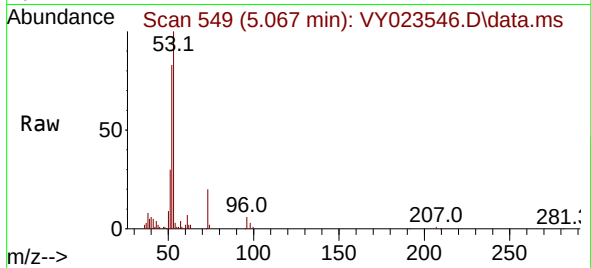




#15
Acrylonitrile
Concen: 92.308 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

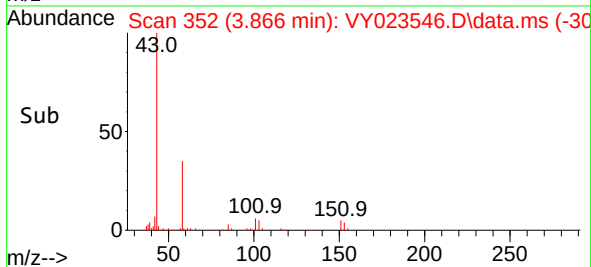
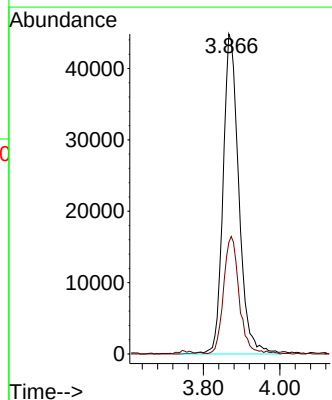
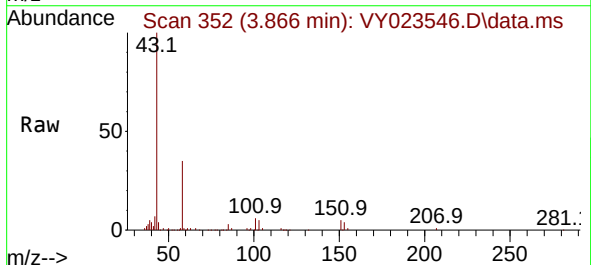
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

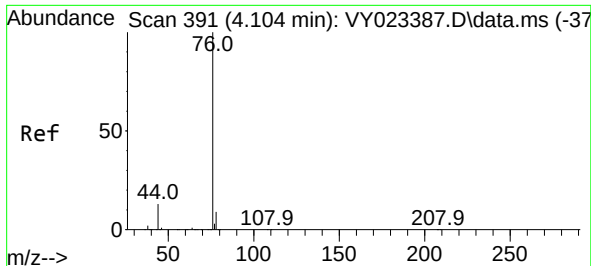
Tgt Ion: 53 Resp: 88820
Ion Ratio Lower Upper
53 100
52 80.6 64.6 97.0
51 36.1 29.5 44.3



#16
Acetone
Concen: 118.706 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 43 Resp: 128229
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5

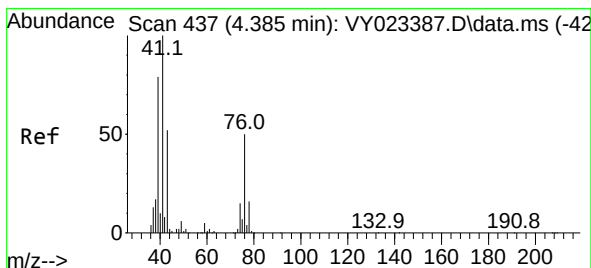
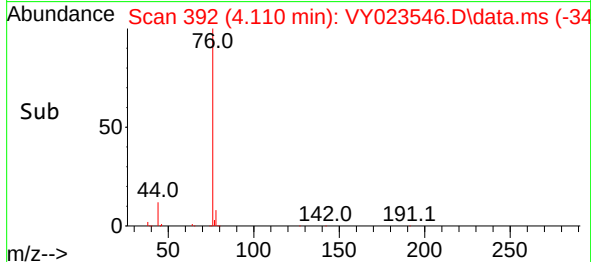
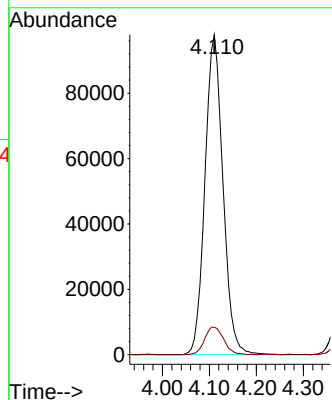
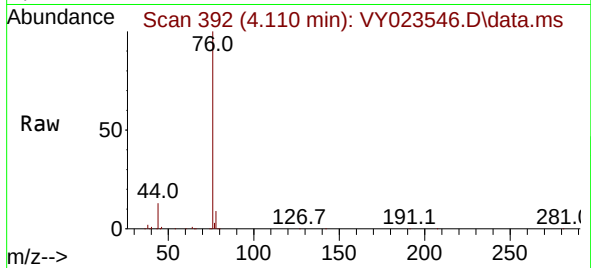




#17
Carbon Disulfide
Concen: 18.791 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

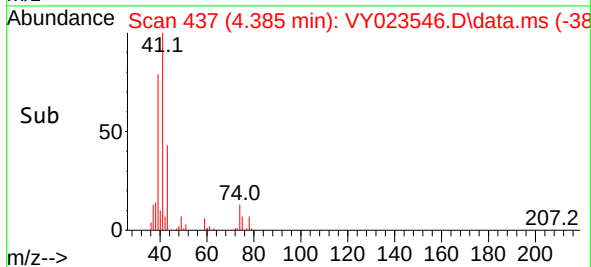
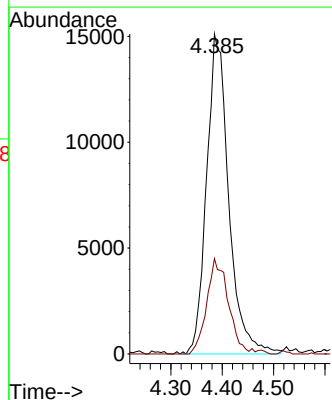
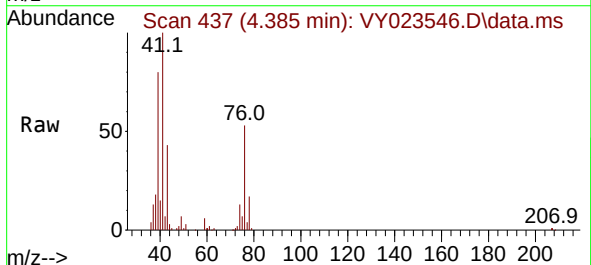
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

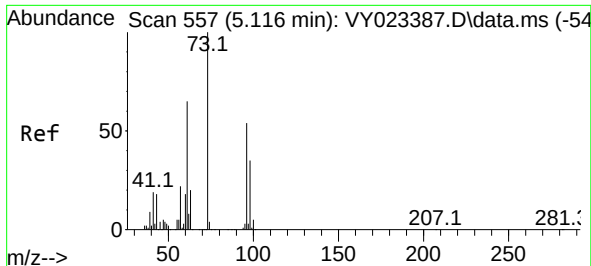
Tgt Ion: 76 Resp: 260315
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 15.963 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 43 Resp: 45233
Ion Ratio Lower Upper
43 100
74 29.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.290 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

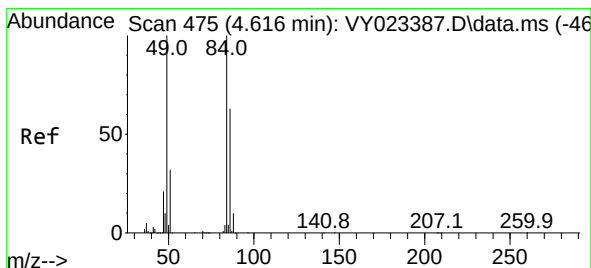
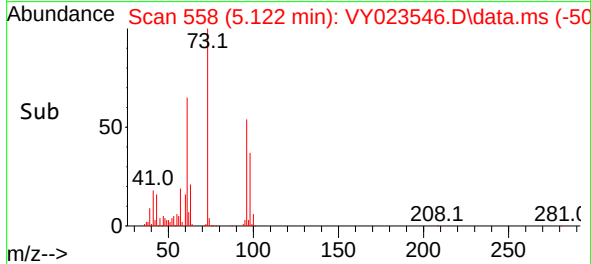
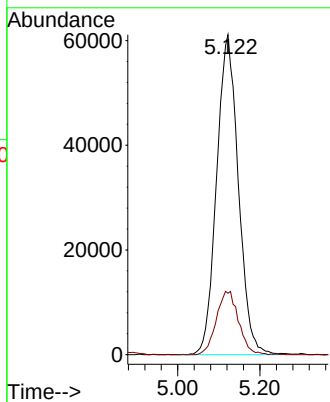
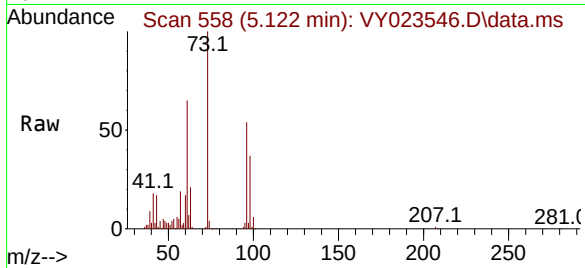
VY1022SBSD01

Tgt Ion: 73 Resp: 224408

Ion Ratio Lower Upper

73 100

57 19.2 17.4 26.0



#20

Methylene Chloride

Concen: 18.001 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Tgt Ion: 84 Resp: 105150

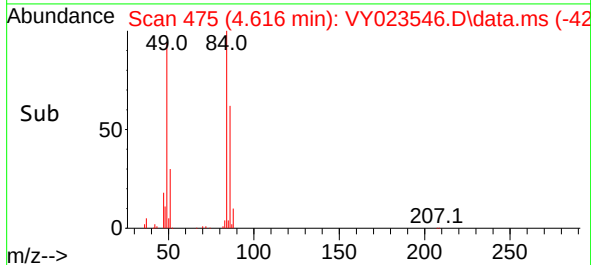
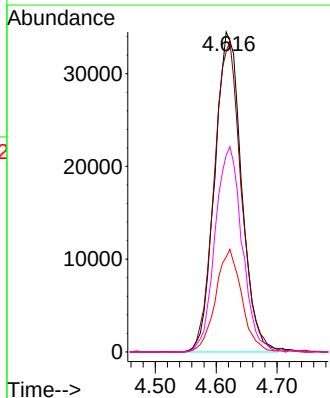
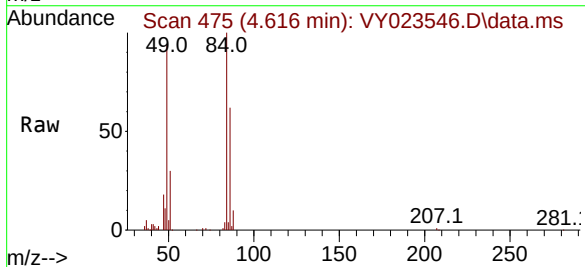
Ion Ratio Lower Upper

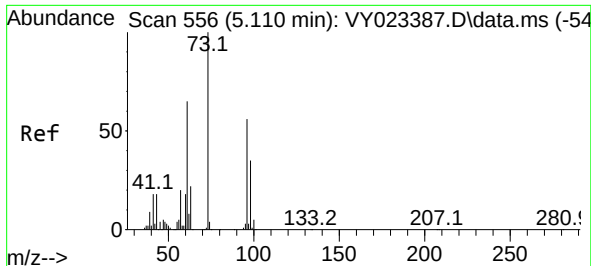
84 100

49 93.9 80.2 120.4

51 29.7 25.9 38.9

86 61.5 50.6 75.8

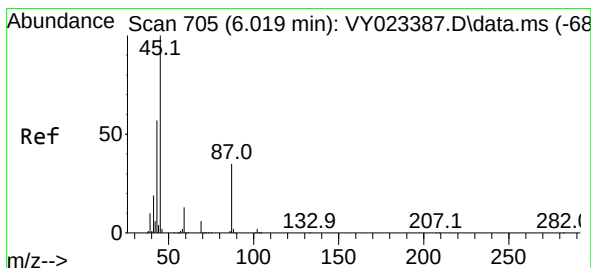
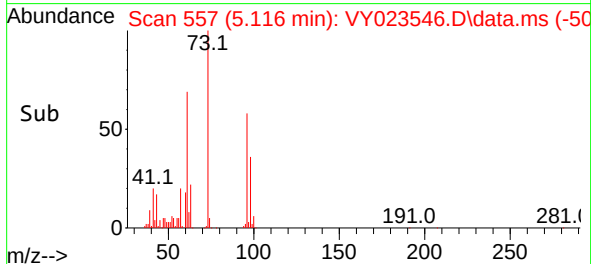
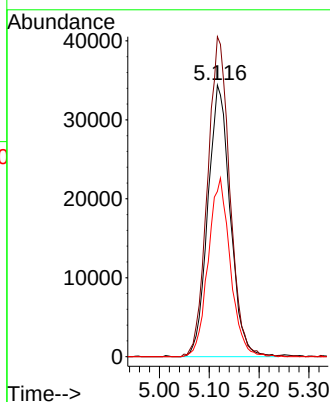
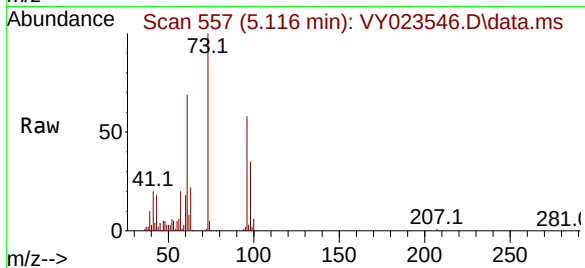




#21
trans-1,2-Dichloroethene
Concen: 20.068 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

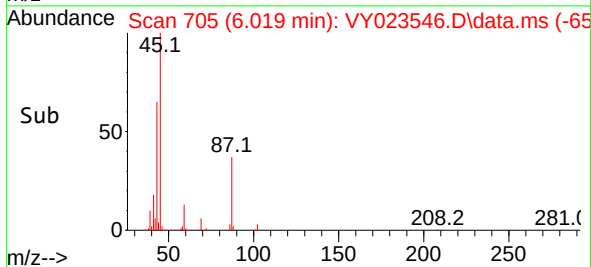
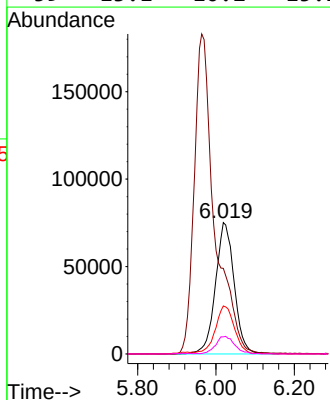
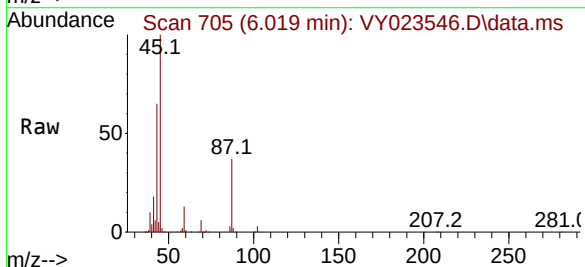
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

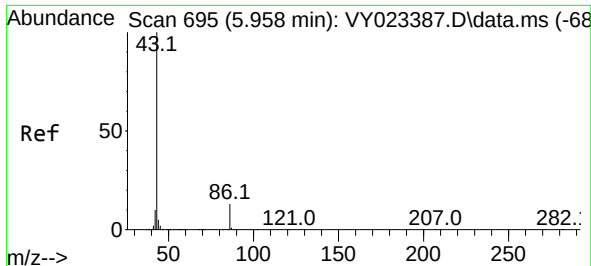
Tgt Ion: 96 Resp: 106942
Ion Ratio Lower Upper
96 100
61 117.8 92.7 139.1
98 60.8 49.7 74.5



#22
Diisopropyl ether
Concen: 19.167 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 45 Resp: 250099
Ion Ratio Lower Upper
45 100
43 64.7 45.6 68.4
87 36.5 28.1 42.1
59 13.1 10.2 15.2

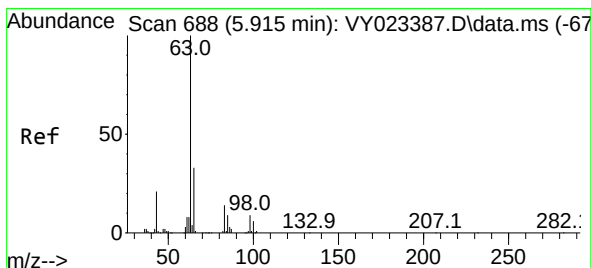
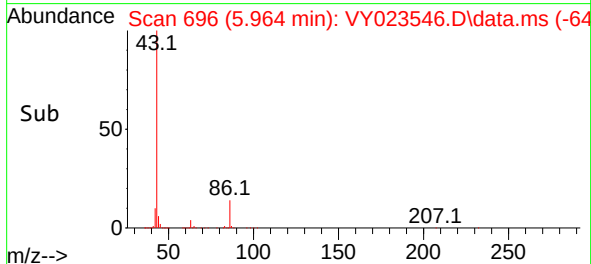
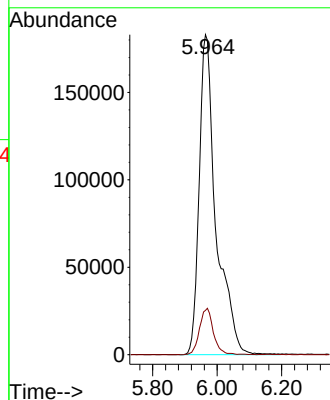
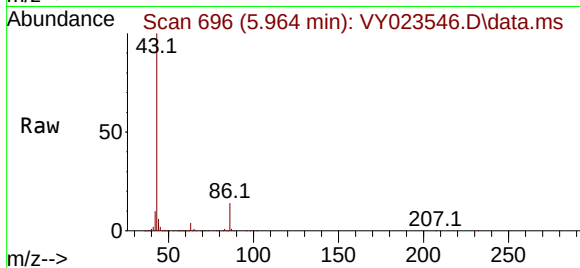




#23
 Vinyl Acetate
 Concen: 94.117 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

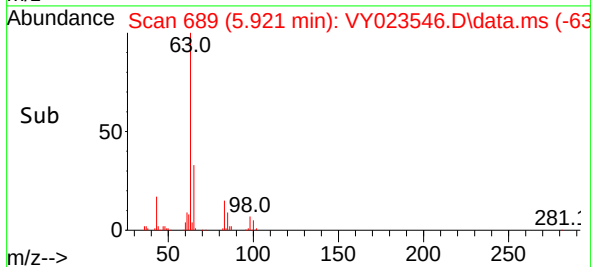
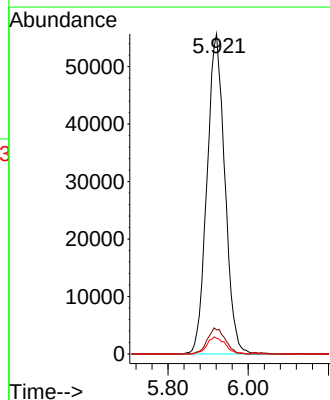
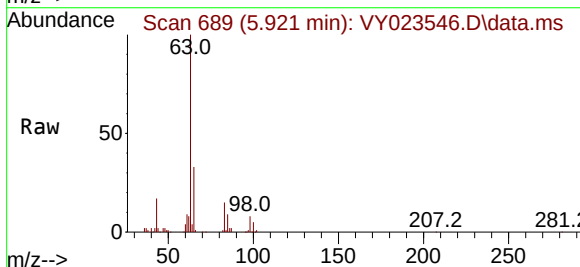
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

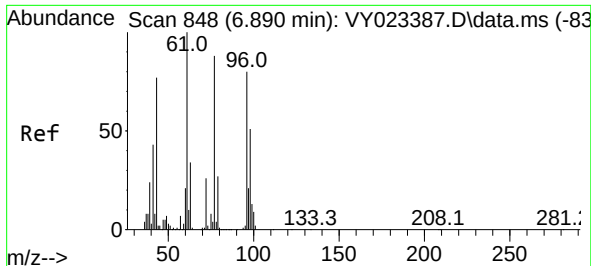
Tgt Ion: 43 Resp: 664719
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 19.899 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion: 63 Resp: 171993
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.3 13.1
 100 4.9 2.8 8.4

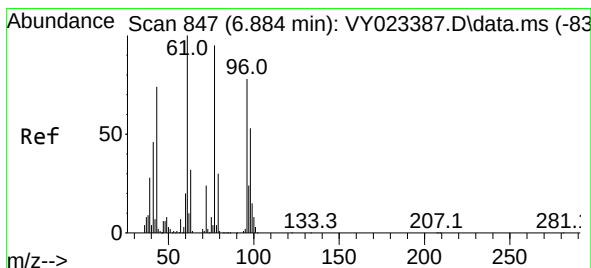
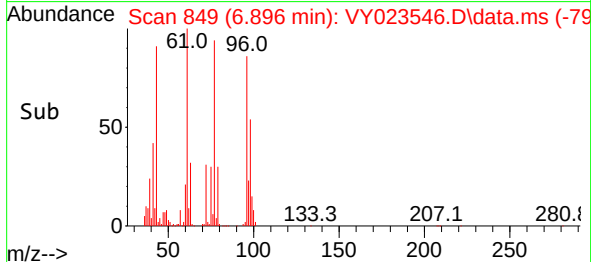
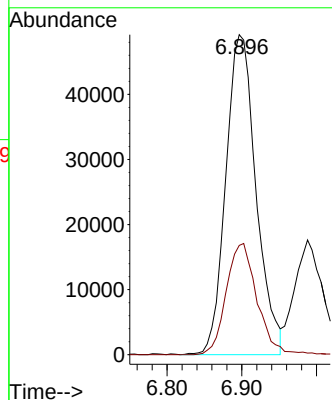
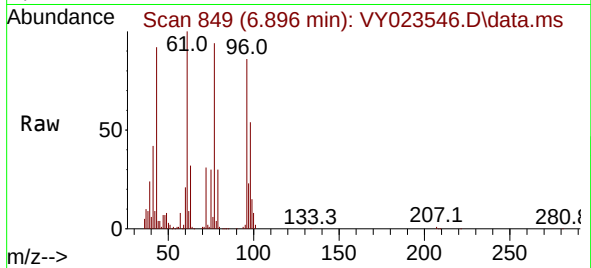




#25
2-Butanone
Concen: 105.202 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

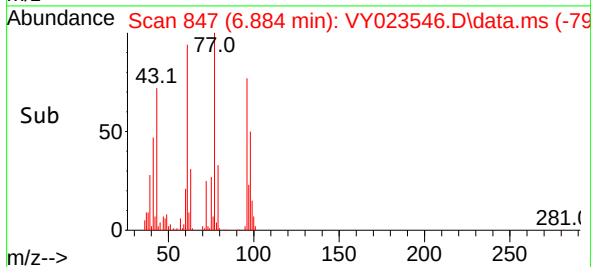
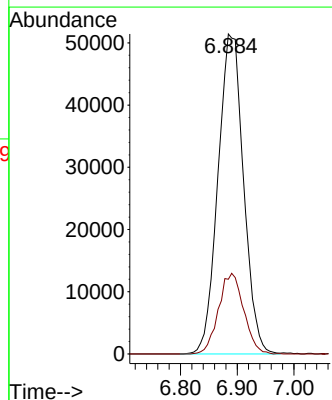
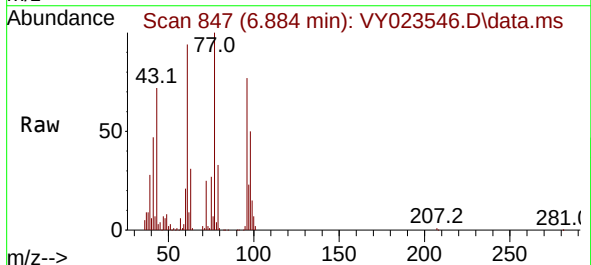
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

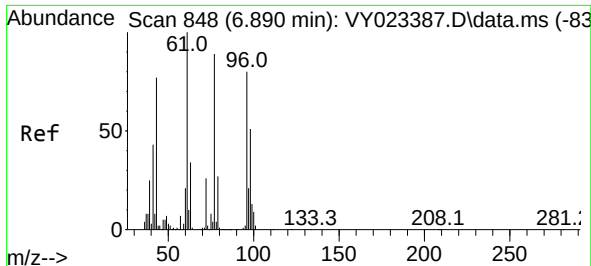
Tgt Ion: 43 Resp: 138738
Ion Ratio Lower Upper
43 100
72 34.1 27.4 41.2



#26
2,2-Dichloropropane
Concen: 20.311 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 77 Resp: 161087
Ion Ratio Lower Upper
77 100
97 24.8 12.1 36.3

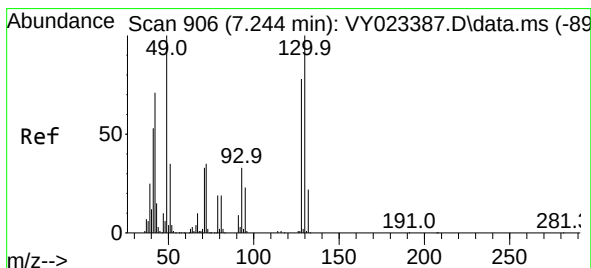
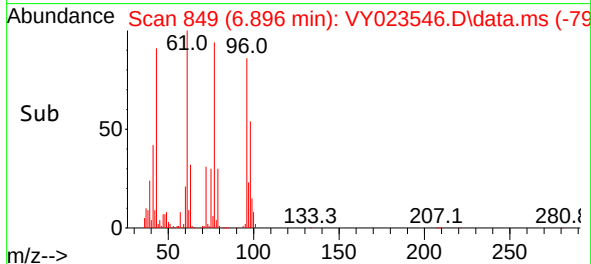
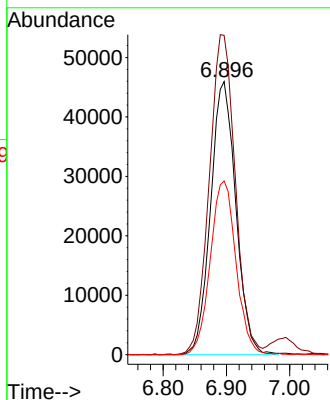
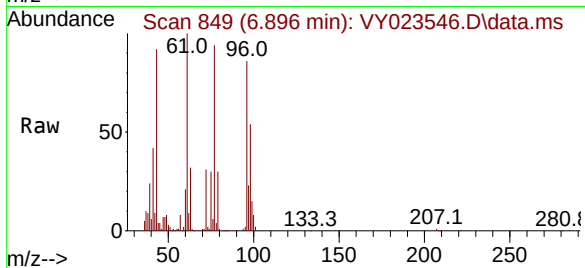




#27
 cis-1,2-Dichloroethene
 Concen: 20.693 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

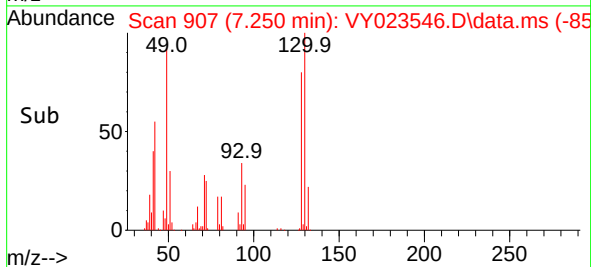
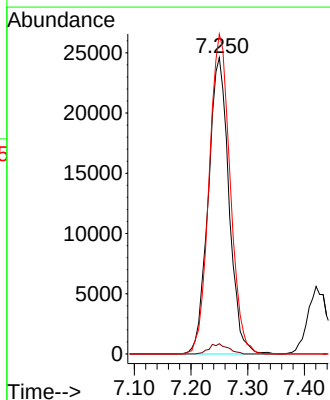
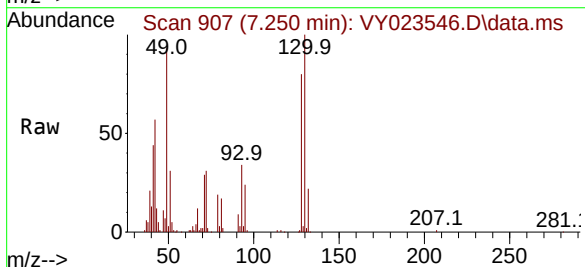
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

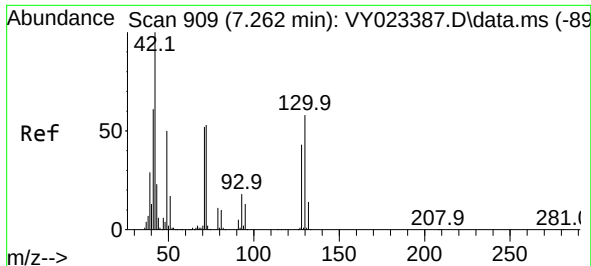
Tgt Ion: 96 Resp: 127379
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 258.2
 98 64.8 0.0 132.0



#28
 Bromochloromethane
 Concen: 19.335 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion: 49 Resp: 62387
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 5.6
 130 109.4 81.9 122.9





#29

Tetrahydrofuran

Concen: 84.474 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

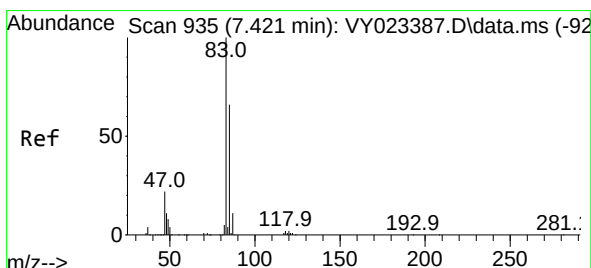
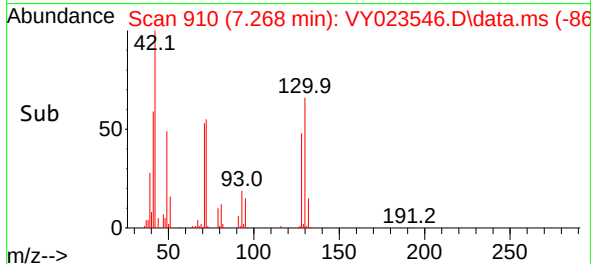
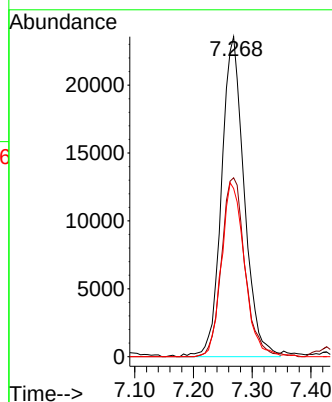
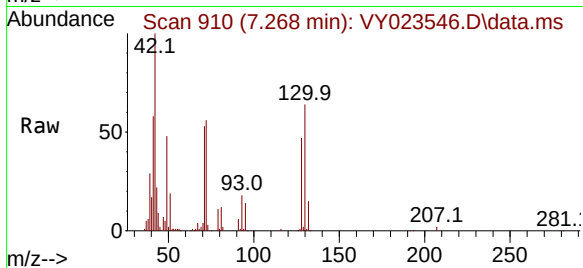
Tgt Ion: 42 Resp: 63173

Ion Ratio Lower Upper

42 100

72 58.1 43.0 64.6

71 55.5 40.1 60.1



#30

Chloroform

Concen: 20.573 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023546.D

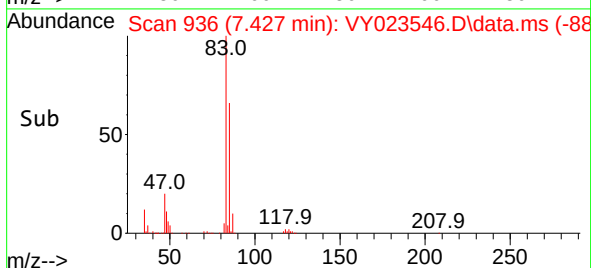
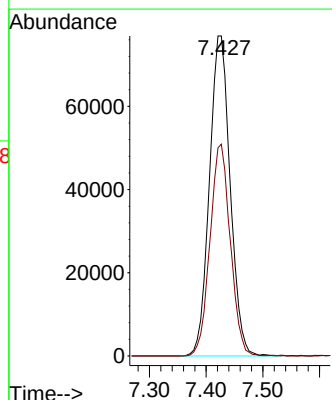
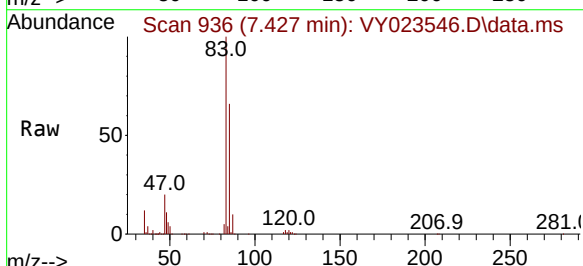
Acq: 22 Oct 2025 10:51

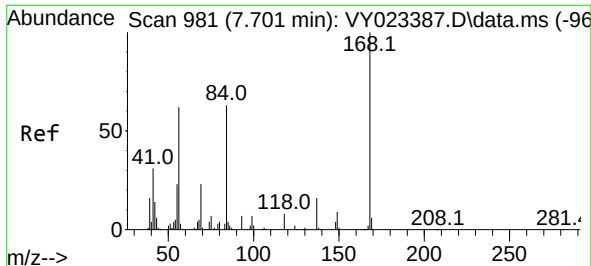
Tgt Ion: 83 Resp: 195371

Ion Ratio Lower Upper

83 100

85 66.2 52.5 78.7

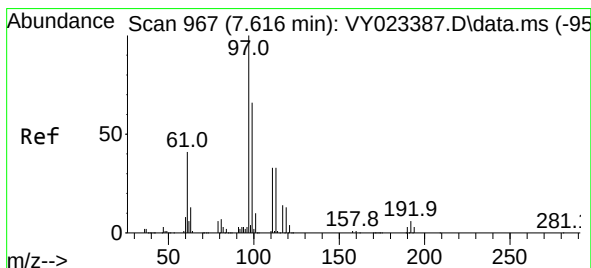
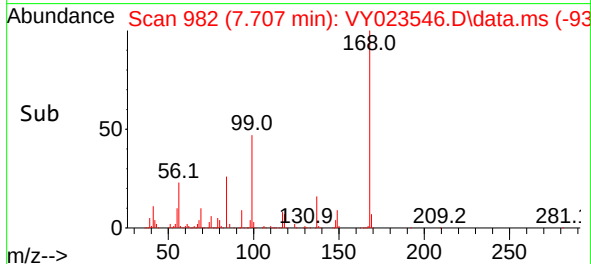
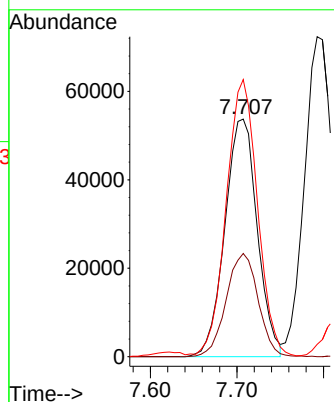
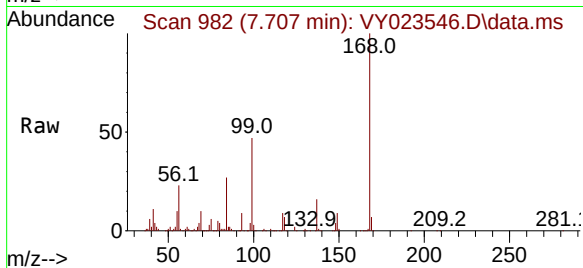




#31
Cyclohexane
Concen: 18.508 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

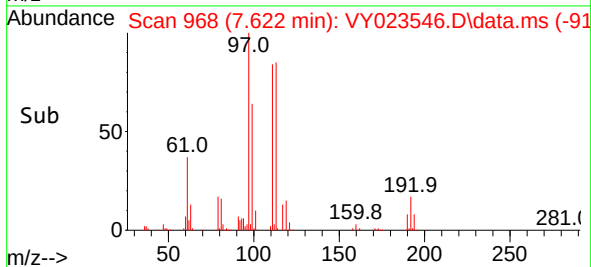
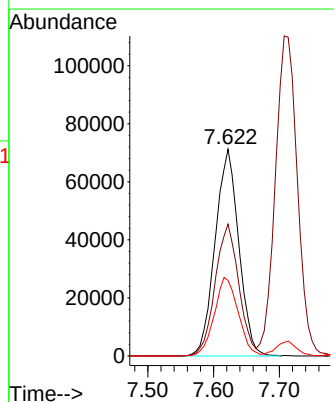
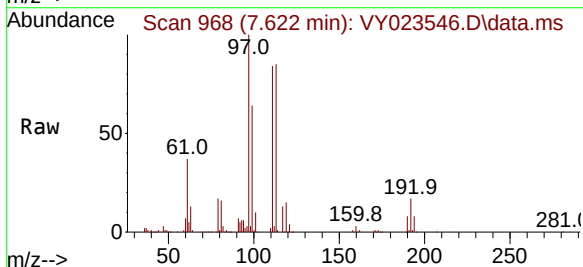
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

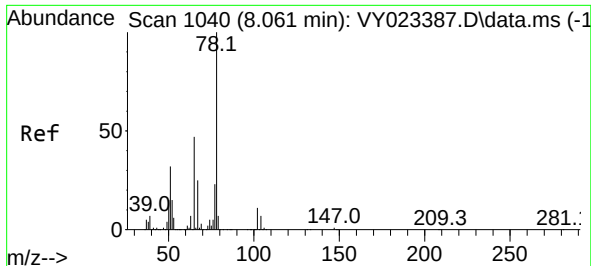
Tgt Ion: 56 Resp: 139704
Ion Ratio Lower Upper
56 100
69 43.4 30.0 45.0
84 114.9 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.674 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 97 Resp: 178412
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 38.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.137 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

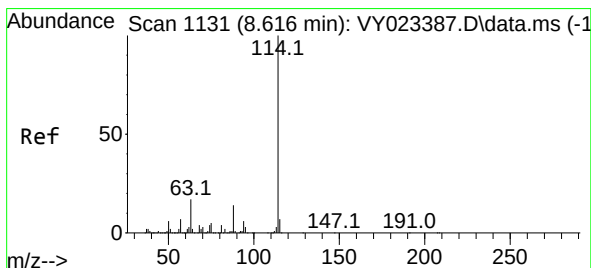
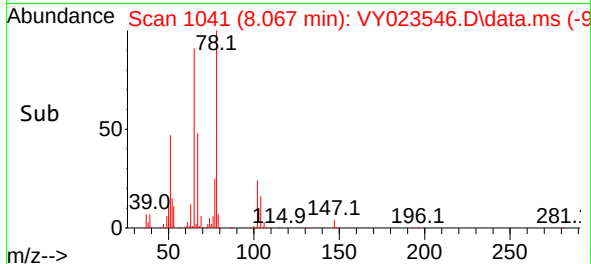
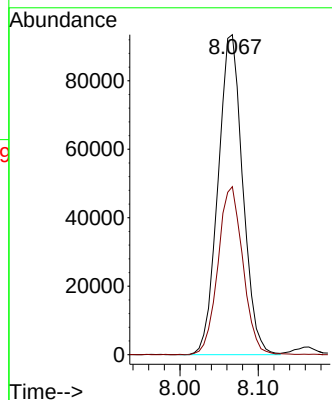
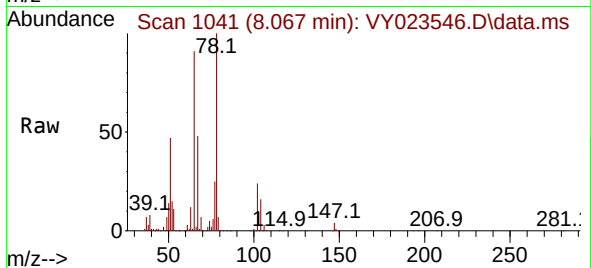
VY1022SBS01

Tgt Ion: 65 Resp: 204806

Ion Ratio Lower Upper

65 100

67 53.1 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: VY023546.D

Acq: 22 Oct 2025 10:51

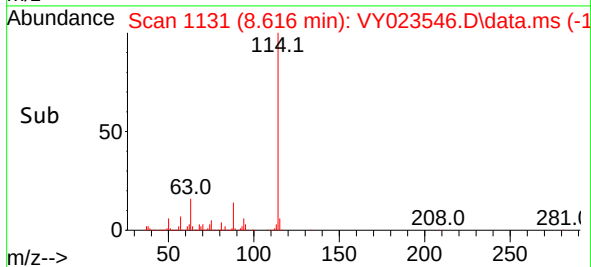
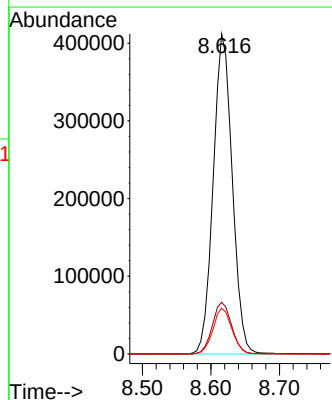
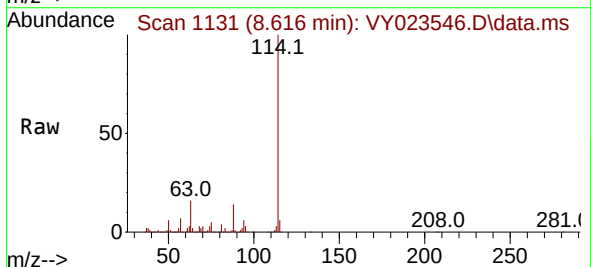
Tgt Ion: 114 Resp: 794200

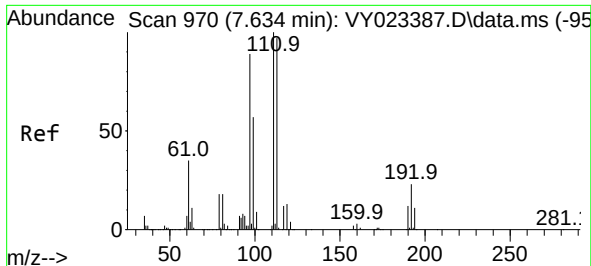
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.2

88 14.3 0.0 28.4

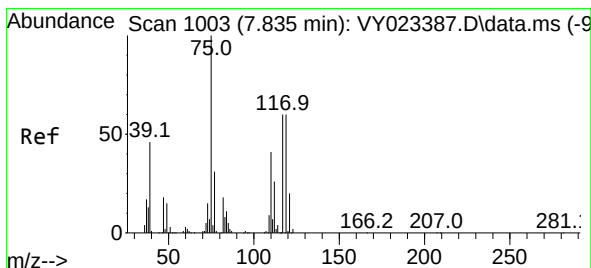
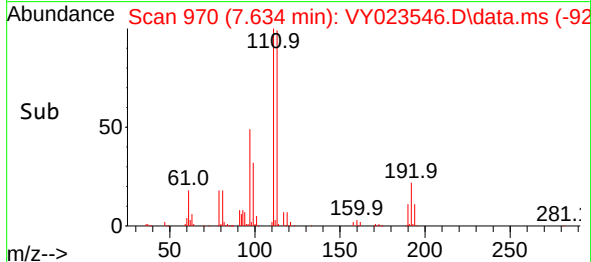
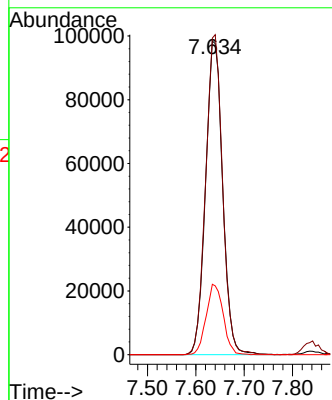
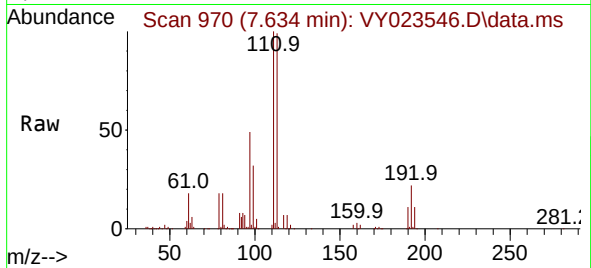




#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

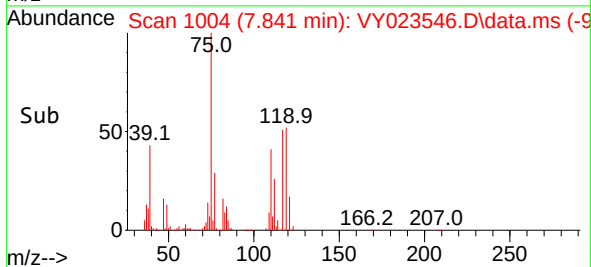
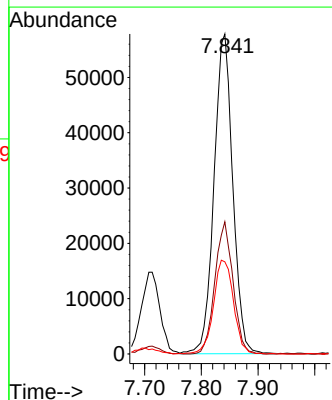
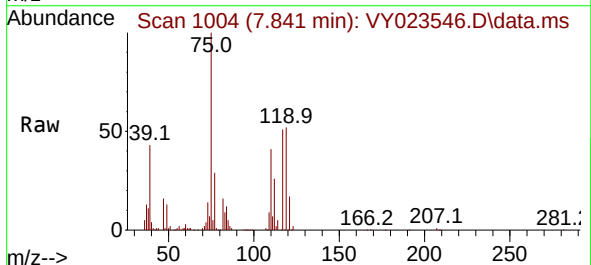
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

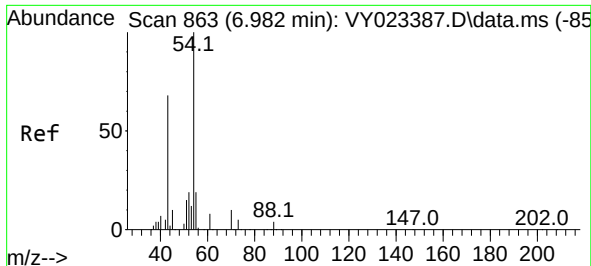
Tgt Ion:113 Resp: 240748
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.530 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 75 Resp: 132638
Ion Ratio Lower Upper
75 100
110 39.9 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 18.907 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

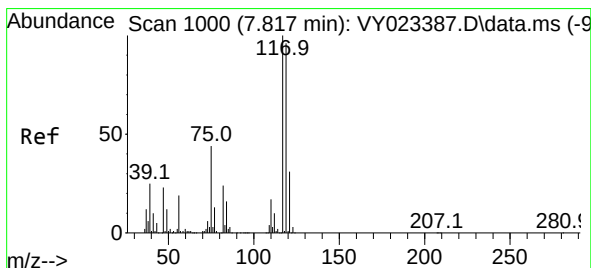
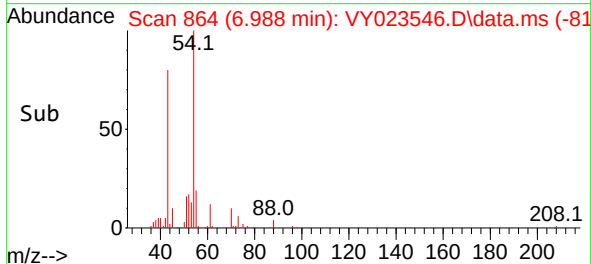
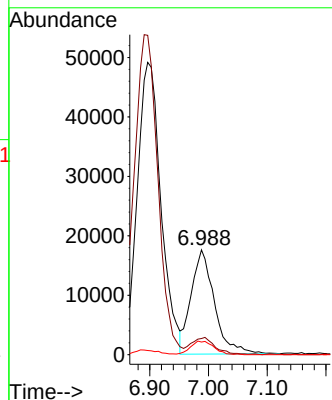
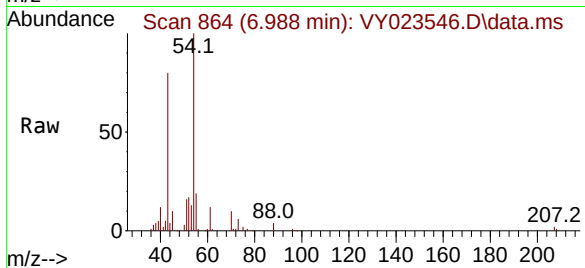
Tgt Ion: 43 Resp: 48392

Ion Ratio Lower Upper

43 100

61 16.0 11.8 17.8

70 13.0 10.5 15.7



#38

Carbon Tetrachloride

Concen: 20.489 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

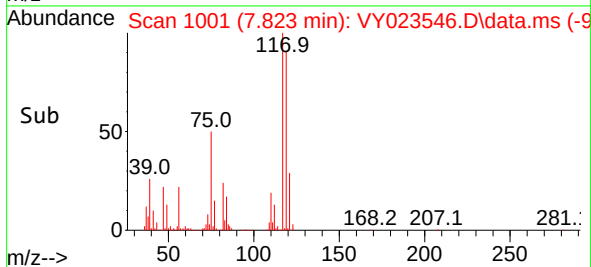
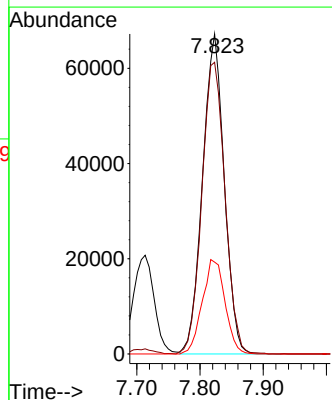
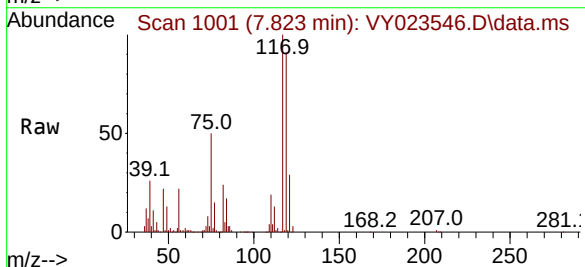
Tgt Ion: 117 Resp: 160505

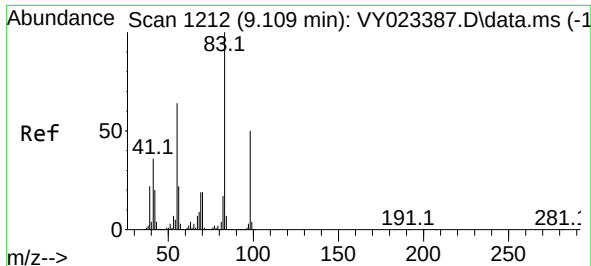
Ion Ratio Lower Upper

117 100

119 91.1 76.8 115.2

121 28.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.972 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

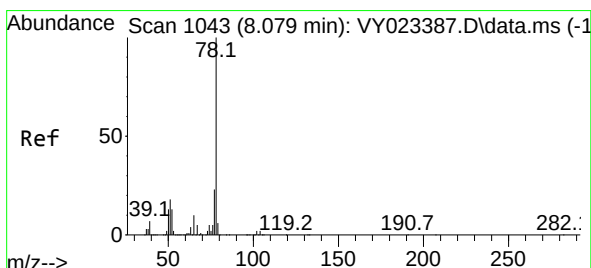
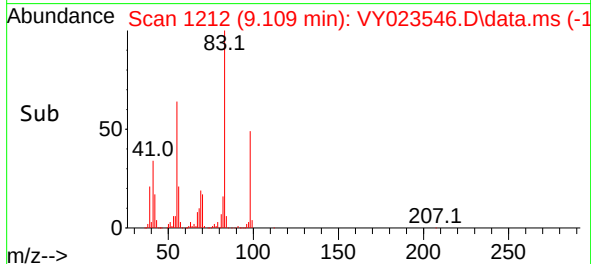
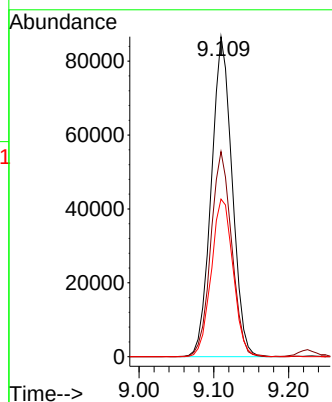
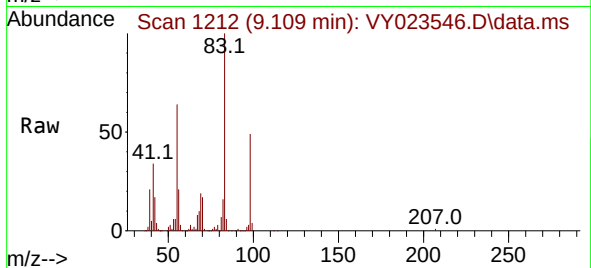
Tgt Ion: 83 Resp: 168002

Ion Ratio Lower Upper

83 100

55 64.0 51.4 77.2

98 49.2 40.4 60.6



#40

Benzene

Concen: 20.677 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023546.D

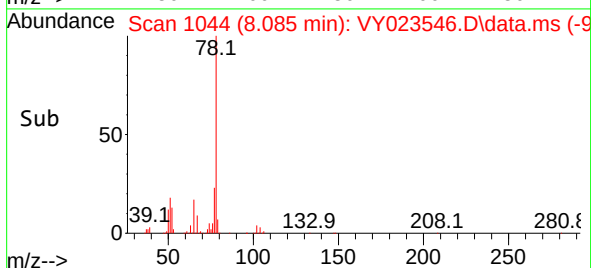
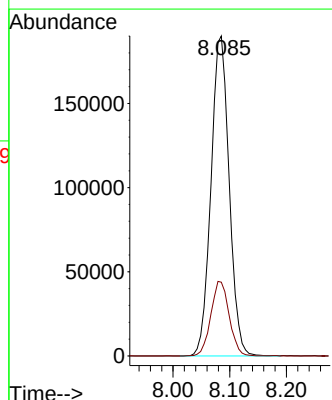
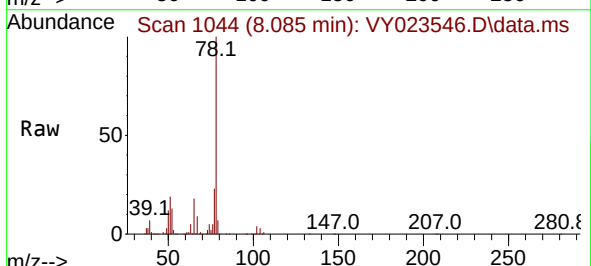
Acq: 22 Oct 2025 10:51

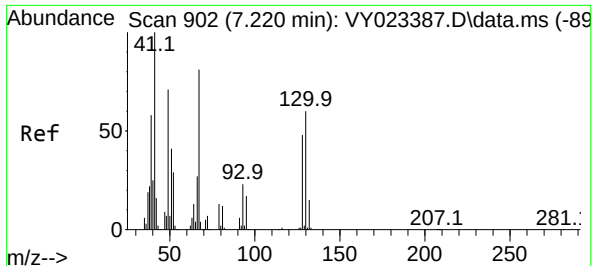
Tgt Ion: 78 Resp: 423056

Ion Ratio Lower Upper

78 100

77 23.0 18.3 27.5

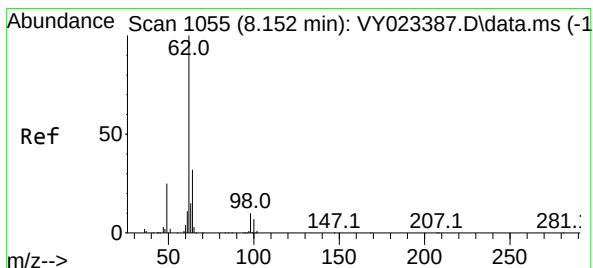
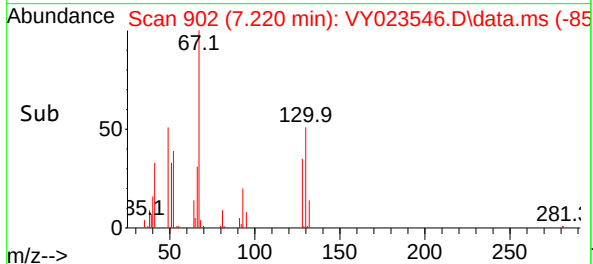
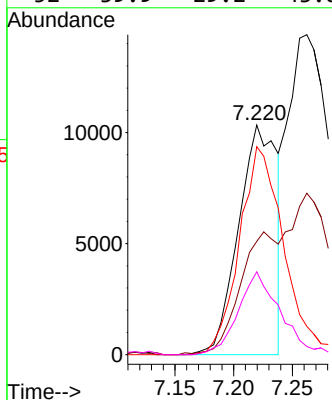
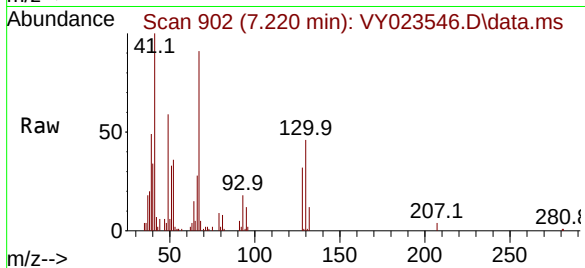




#41
Methacrylonitrile
Concen: 16.996 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

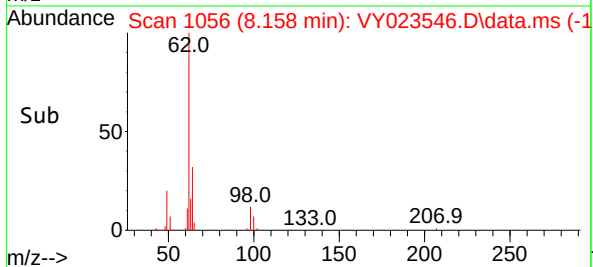
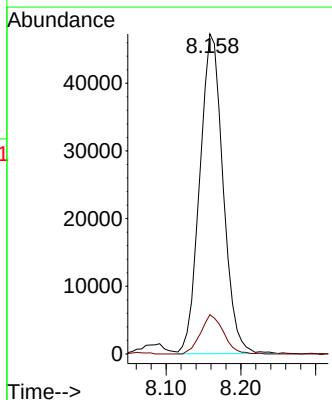
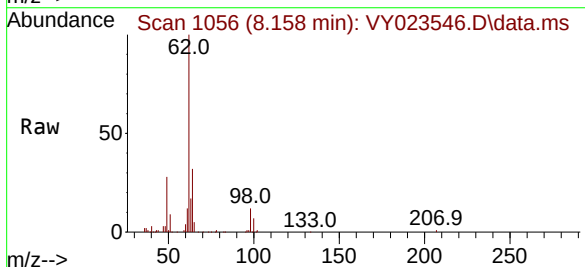
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

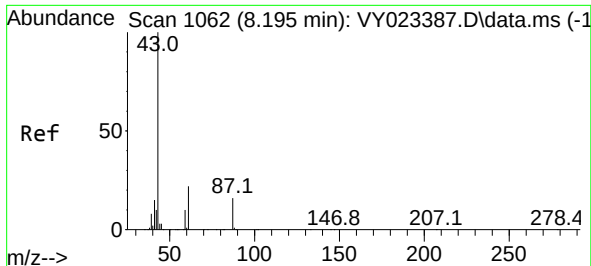
Tgt Ion:	41	Resp:	23527
Ion	Ratio	Lower	Upper
41	100		
39	52.8	52.2	78.4
67	105.4	74.9	112.3
52	39.9	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.387 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:	62	Resp:	102298
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	21.6

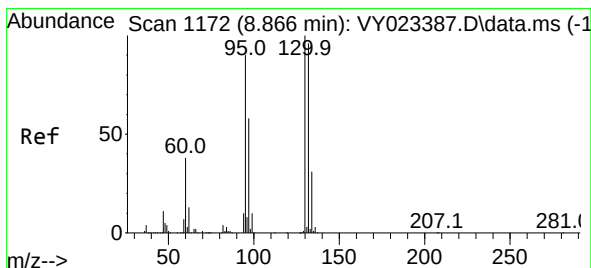
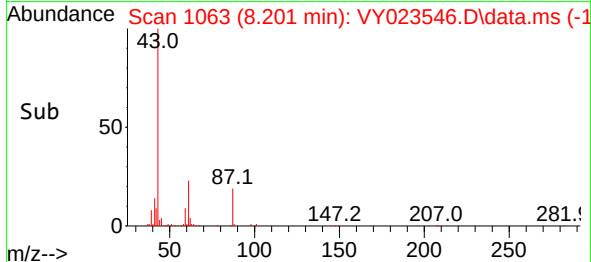
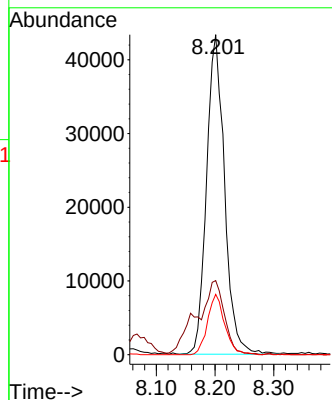
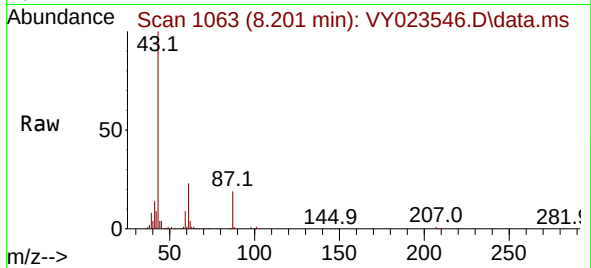




#43
Isopropyl Acetate
Concen: 18.046 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

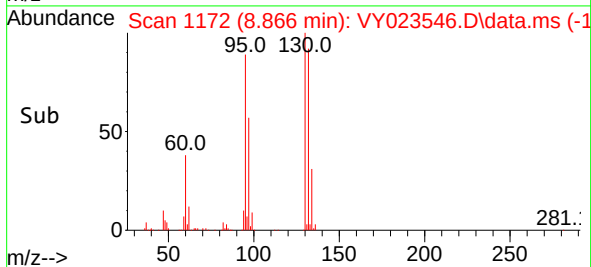
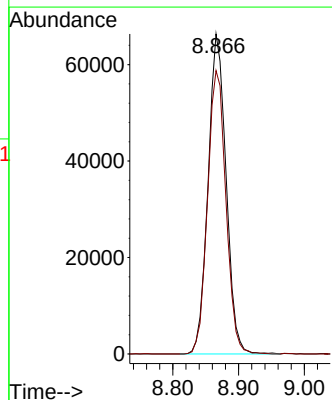
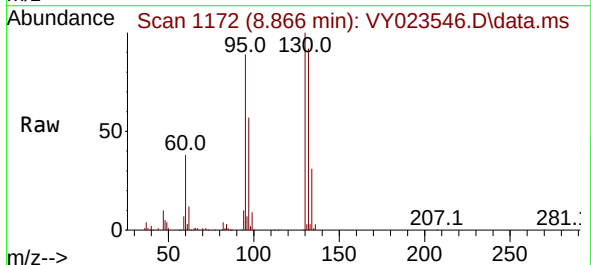
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

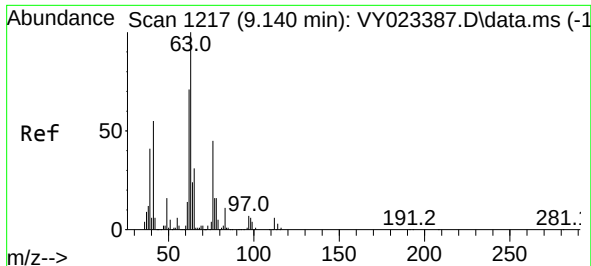
Tgt Ion: 43 Resp: 92102
Ion Ratio Lower Upper
43 100
61 23.3 18.1 27.1
87 18.2 13.5 20.3



#44
Trichloroethene
Concen: 21.155 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:130 Resp: 126688
Ion Ratio Lower Upper
130 100
95 88.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.314 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

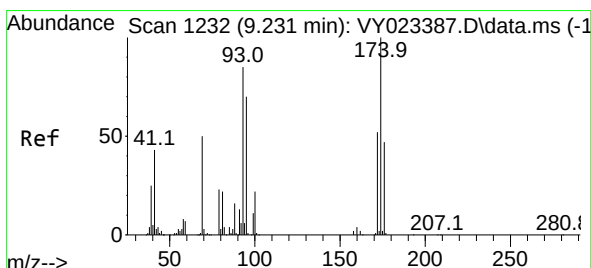
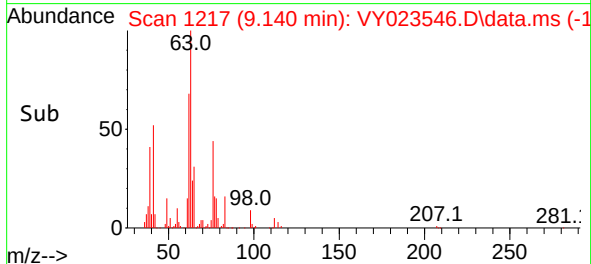
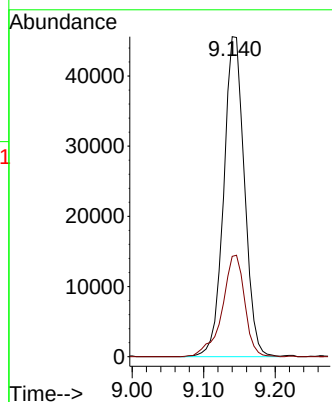
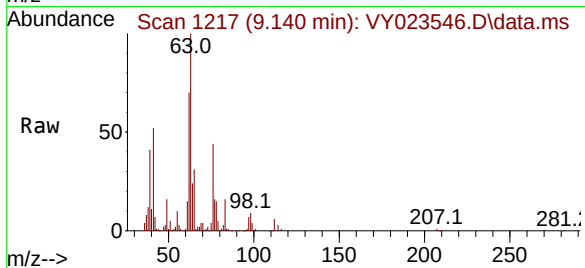
VY1022SBSD01

Tgt Ion: 63 Resp: 91803

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 19.927 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

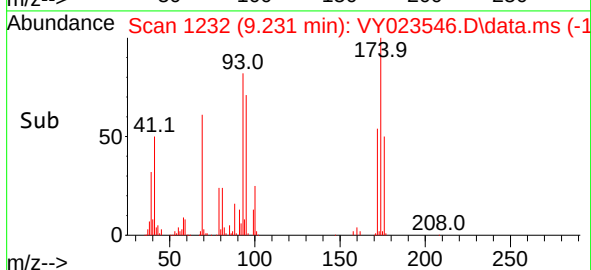
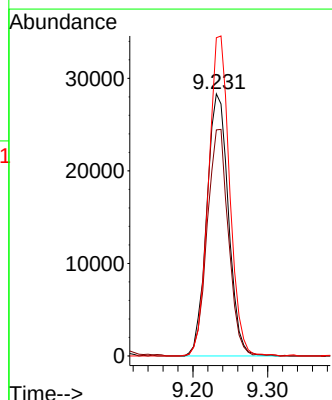
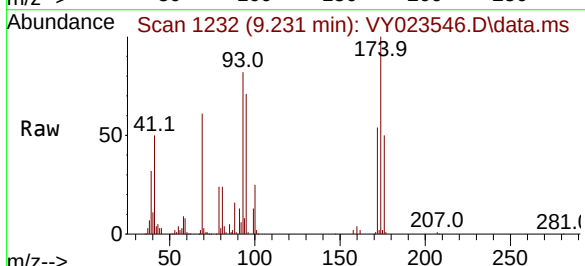
Tgt Ion: 93 Resp: 56943

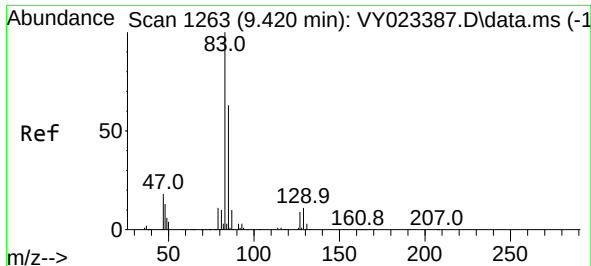
Ion Ratio Lower Upper

93 100

95 84.9 65.4 98.0

174 119.2 92.9 139.3

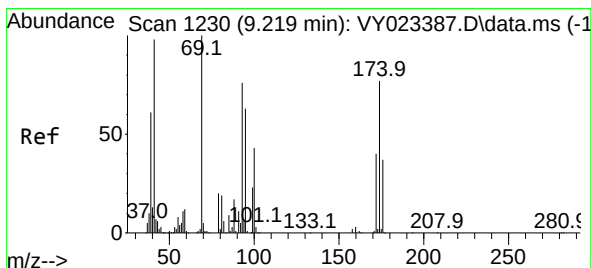
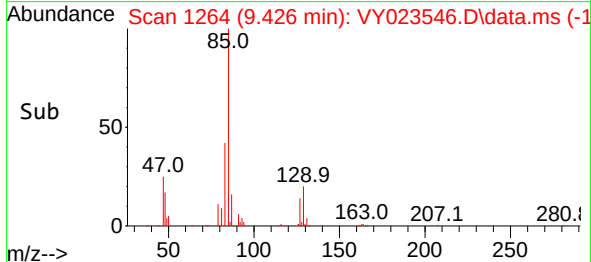
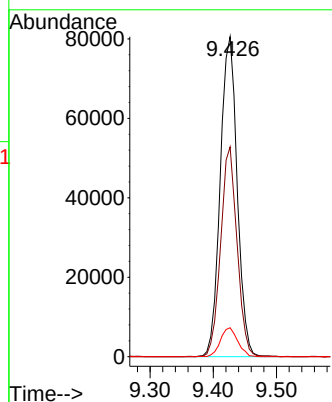
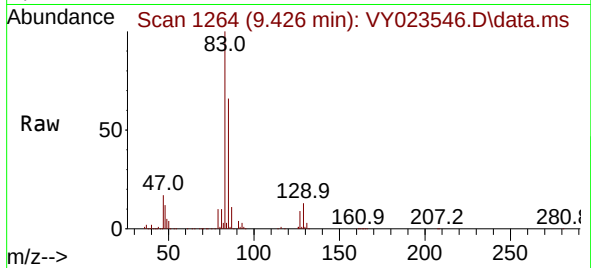




#47
Bromodichloromethane
Concen: 20.710 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

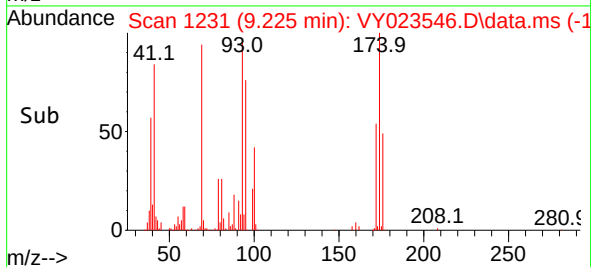
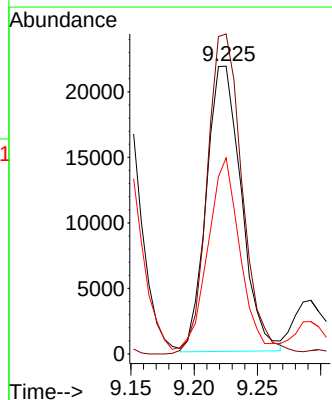
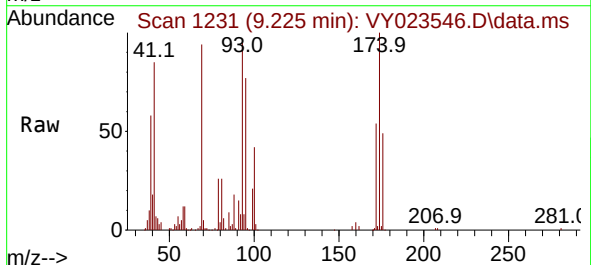
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

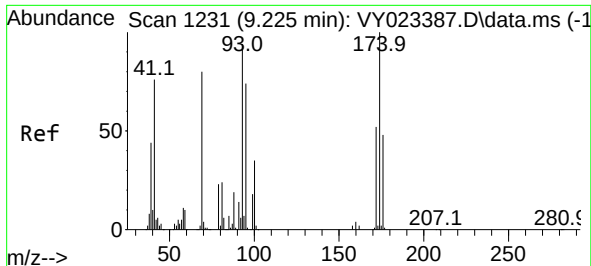
Tgt Ion: 83 Resp: 149048
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2
127 9.1 7.4 11.2



#48
Methyl methacrylate
Concen: 17.463 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 41 Resp: 41870
Ion Ratio Lower Upper
41 100
69 112.3 81.0 121.4
39 60.8 48.2 72.4

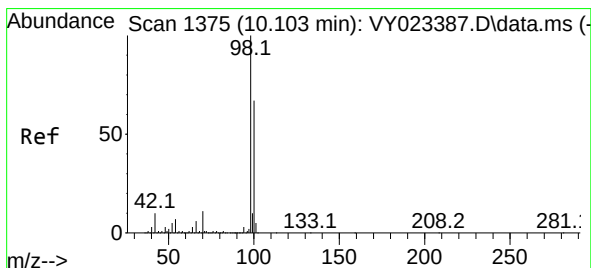
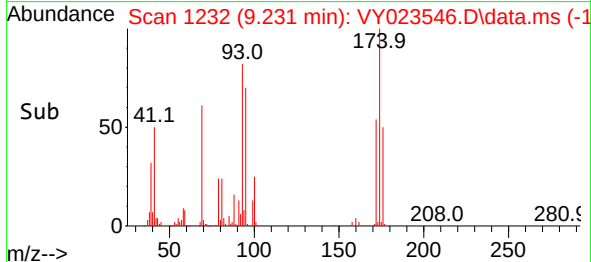
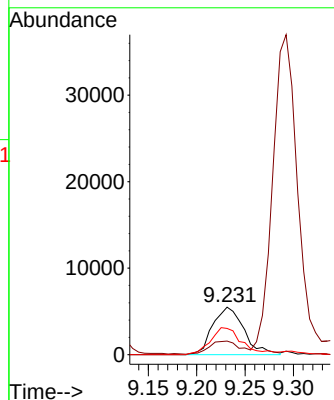
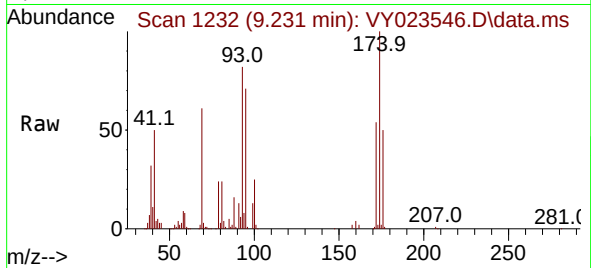




#49
1,4-Dioxane
Concen: 372.543 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

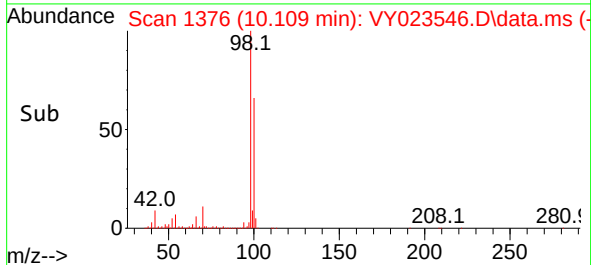
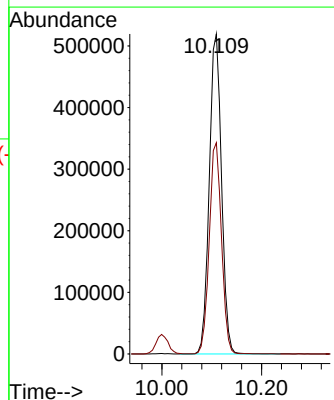
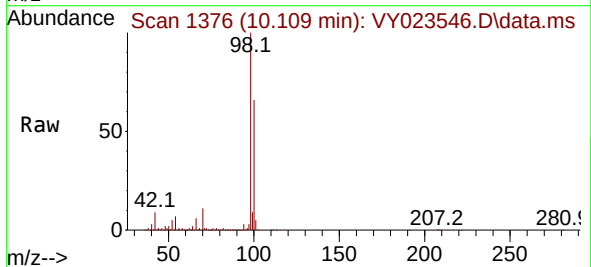
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

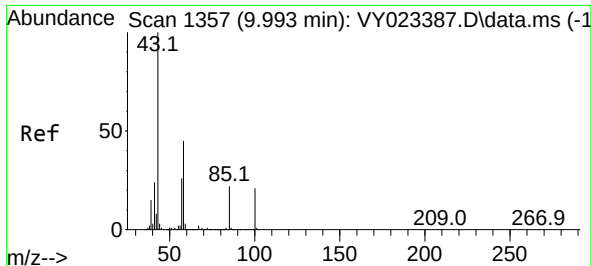
Tgt Ion: 88 Resp: 12343
Ion Ratio Lower Upper
88 100
43 26.7 21.8 32.8
58 56.9 46.8 70.2



#50
Toluene-d8
Concen: 48.611 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 98 Resp: 883426
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

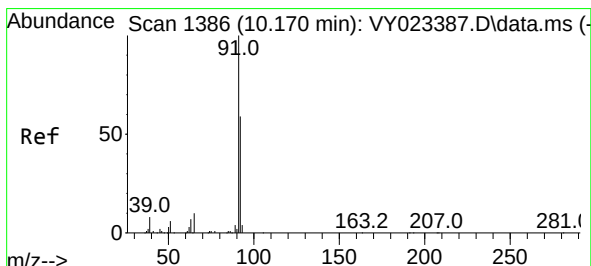
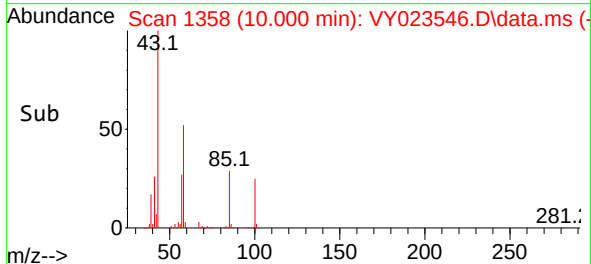
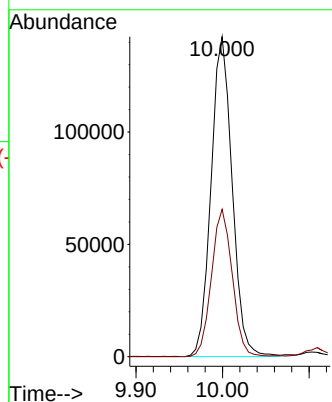
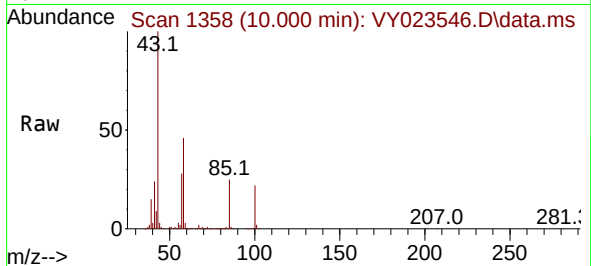




#51
4-Methyl-2-Pentanone
Concen: 91.359 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

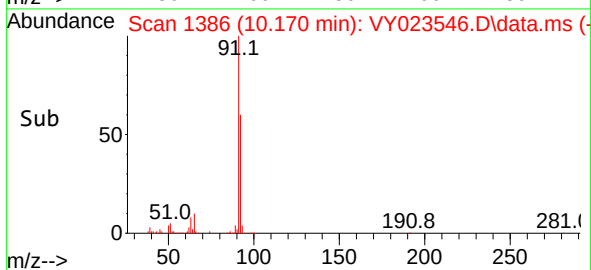
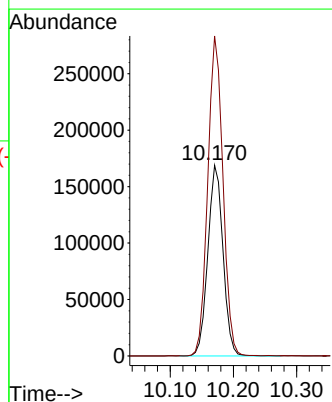
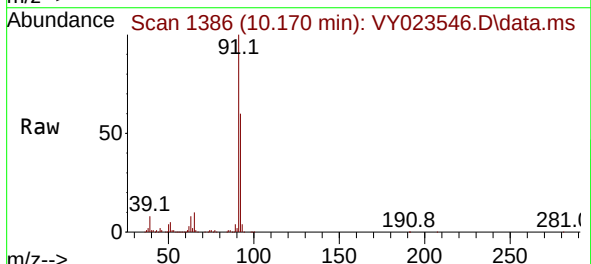
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

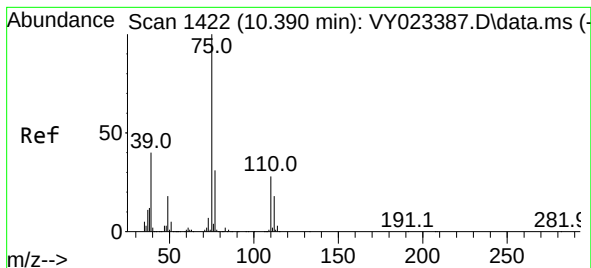
Tgt Ion: 43 Resp: 240905
Ion Ratio Lower Upper
43 100
58 45.5 35.3 52.9



#52
Toluene
Concen: 21.186 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 92 Resp: 281449
Ion Ratio Lower Upper
92 100
91 168.1 136.4 204.6

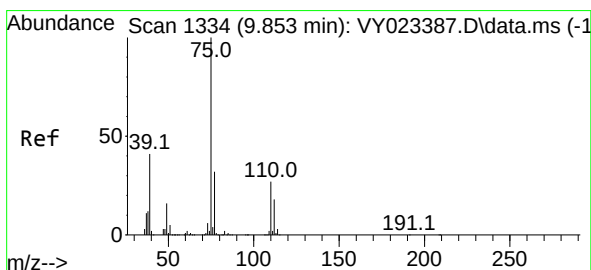
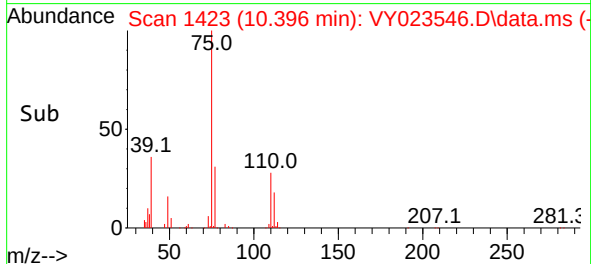
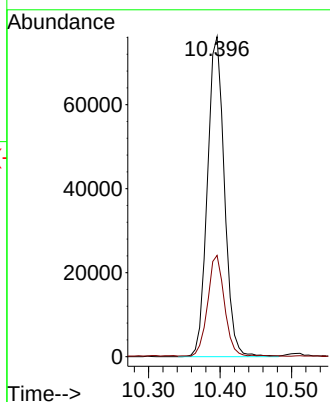
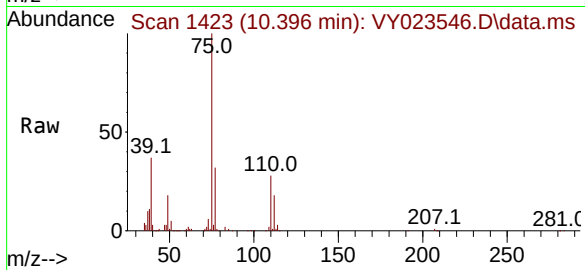




#53
t-1,3-Dichloropropene
Concen: 20.087 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

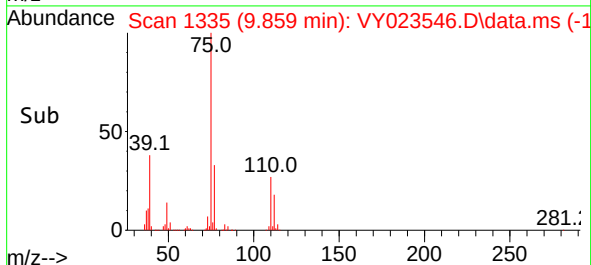
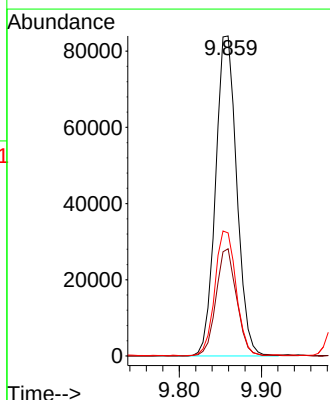
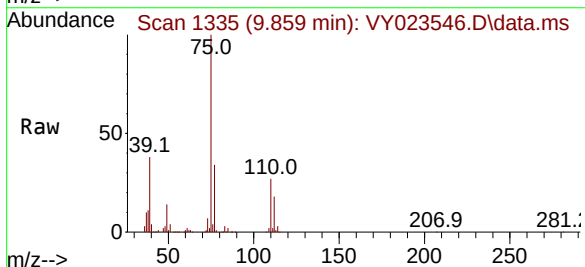
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

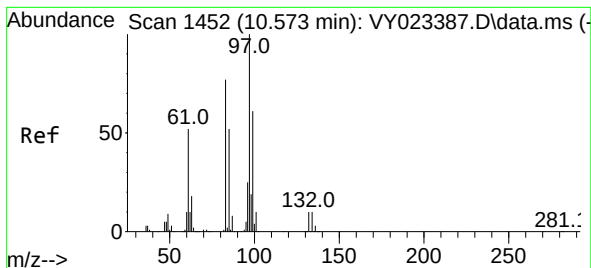
Tgt Ion: 75 Resp: 125699
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.389 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 75 Resp: 150591
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
39 38.3 32.8 49.2

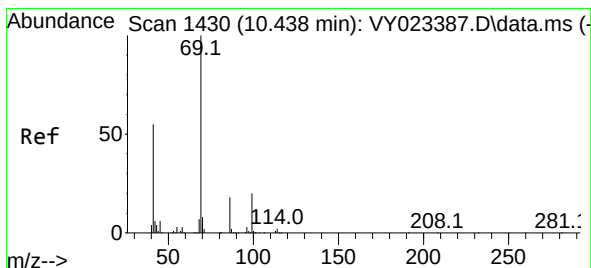
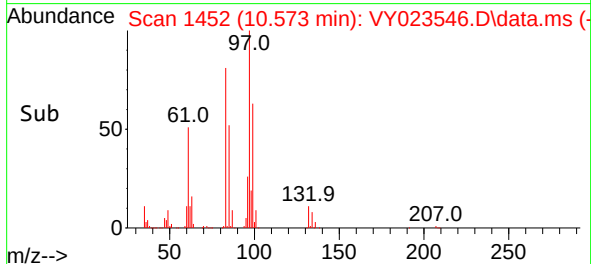
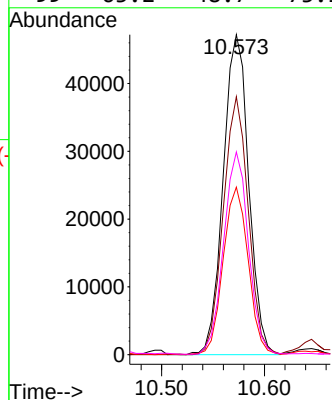
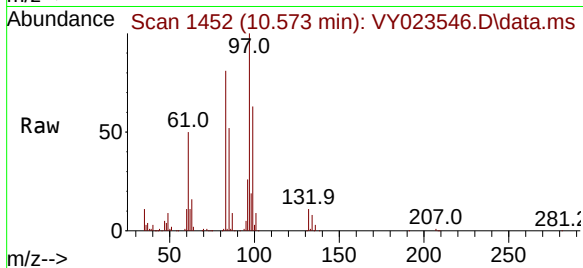




#55
 1,1,2-Trichloroethane
 Concen: 21.184 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

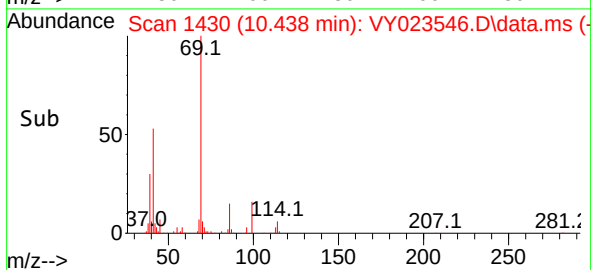
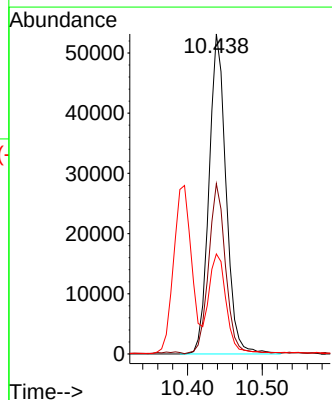
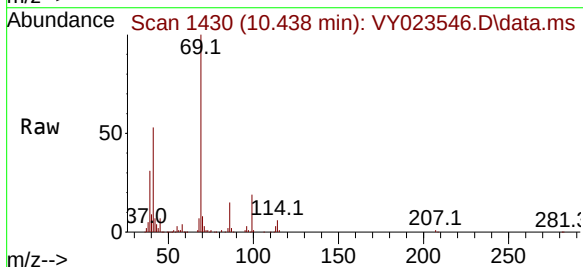
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

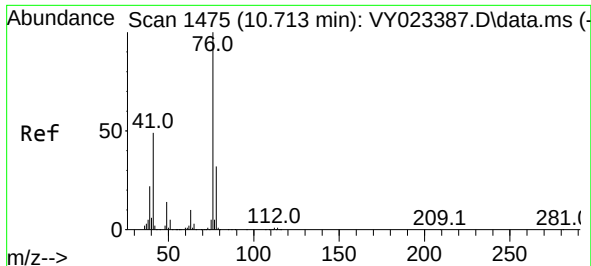
Tgt Ion:	97	Resp:	81403
Ion	Ratio	Lower	Upper
97	100		
83	80.4	61.8	92.6
85	52.4	41.3	61.9
99	63.2	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 18.994 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion:	69	Resp:	84192
Ion	Ratio	Lower	Upper
69	100		
41	52.9	44.6	67.0
39	30.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 20.266 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

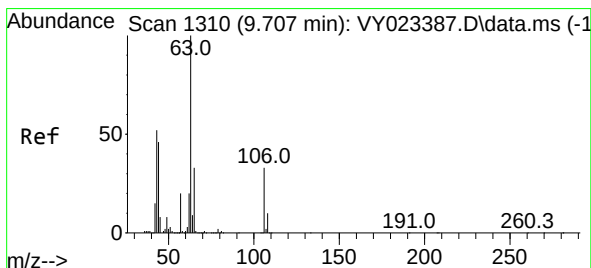
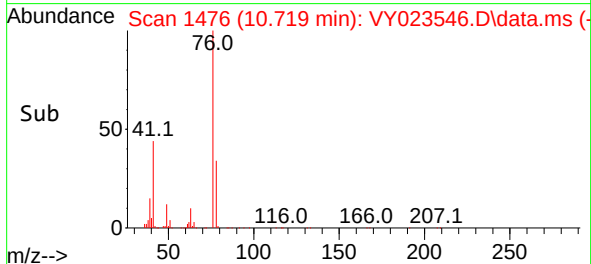
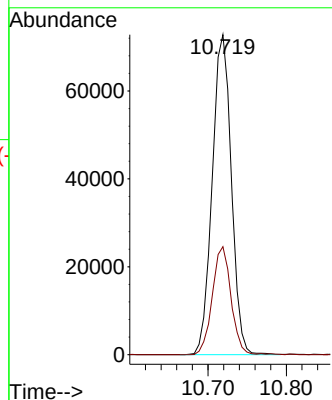
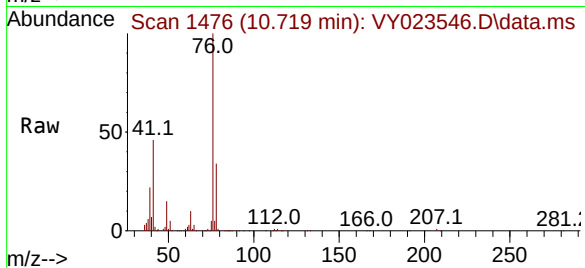
VY1022SBSD01

Tgt Ion: 76 Resp: 123408

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 98.074 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023546.D

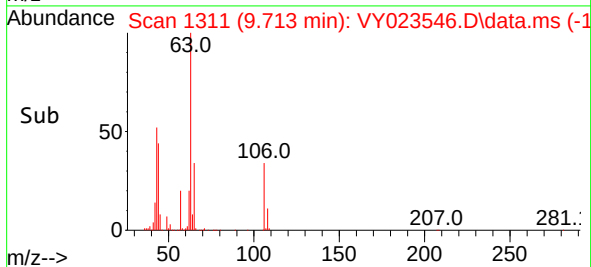
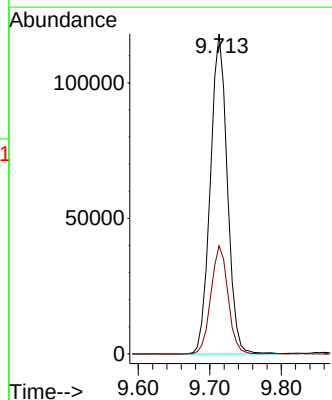
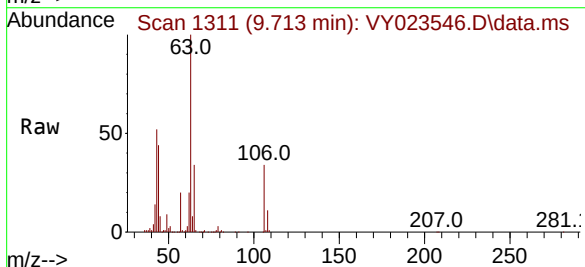
Acq: 22 Oct 2025 10:51

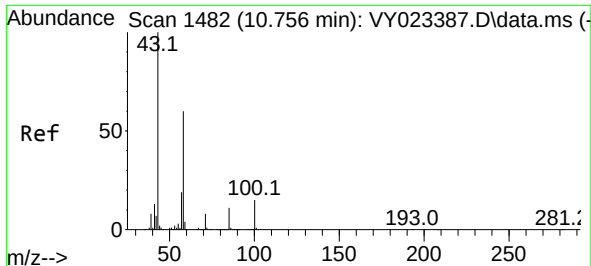
Tgt Ion: 63 Resp: 194748

Ion Ratio Lower Upper

63 100

106 34.0 26.6 39.8

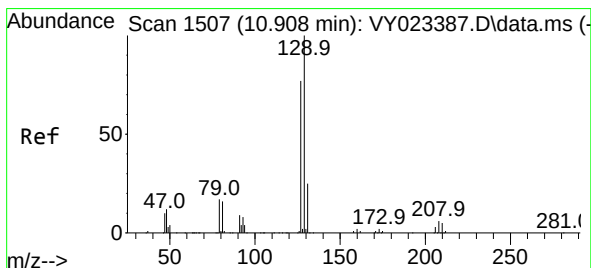
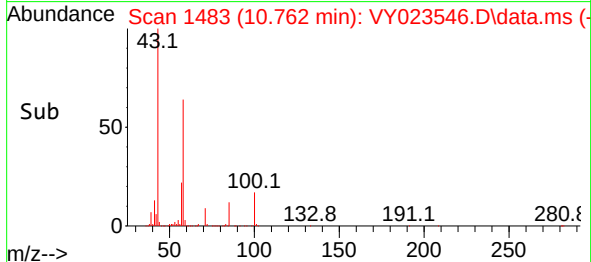
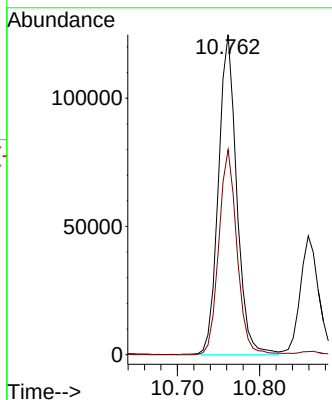
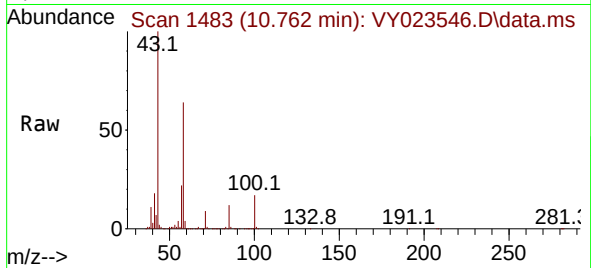




#59
2-Hexanone
Concen: 102.481 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

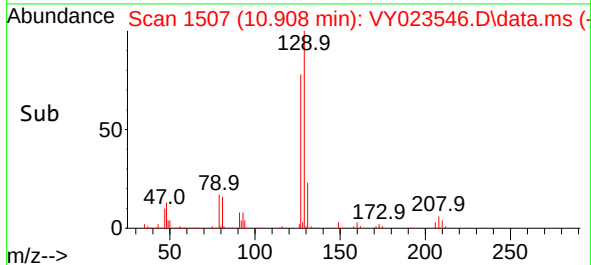
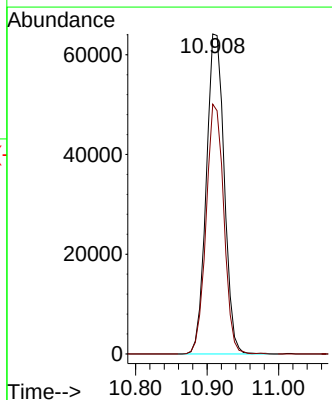
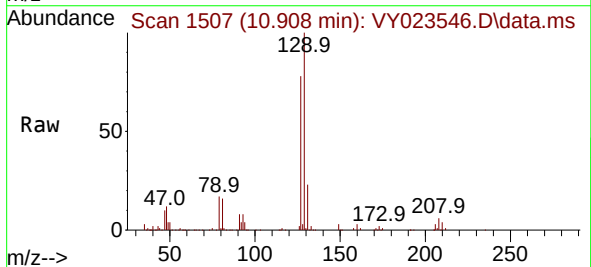
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

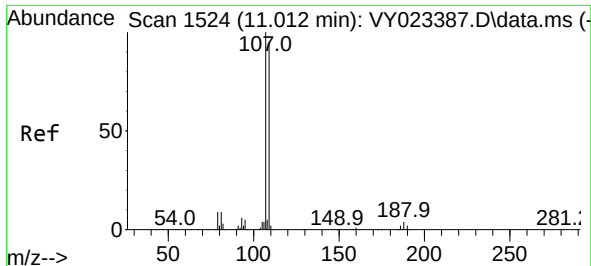
Tgt Ion: 43 Resp: 193121
Ion Ratio Lower Upper
43 100
58 63.4 30.5 91.5



#60
Dibromochloromethane
Concen: 20.721 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:129 Resp: 111638
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7

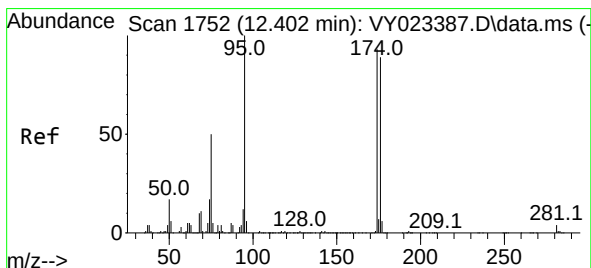
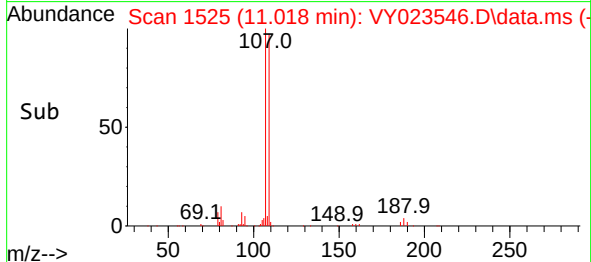
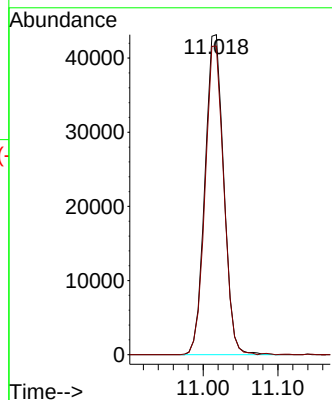
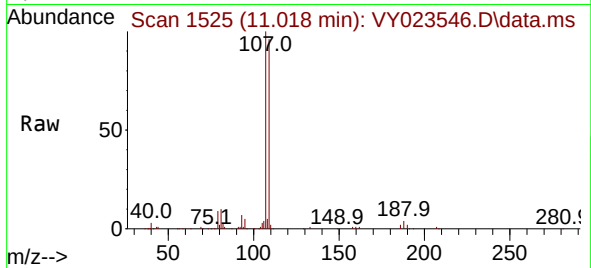




#61
1,2-Dibromoethane
Concen: 20.524 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

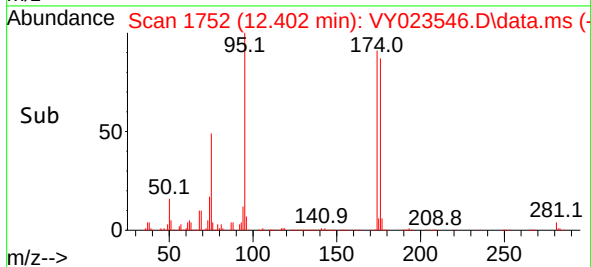
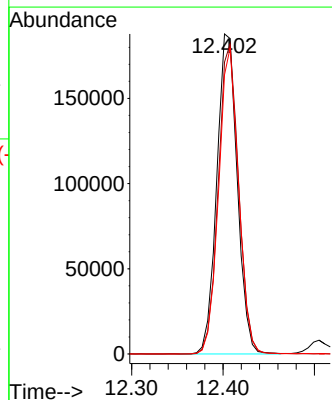
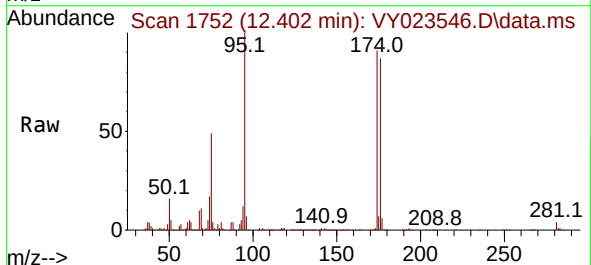
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

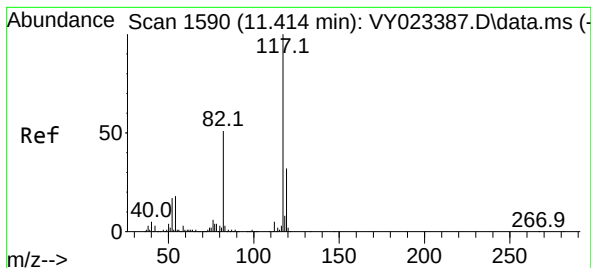
Tgt Ion:107 Resp: 75216
Ion Ratio Lower Upper
107 100
109 95.8 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 95 Resp: 292410
Ion Ratio Lower Upper
95 100
174 96.3 0.0 192.8
176 93.1 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

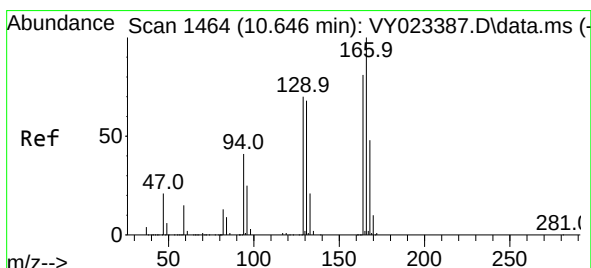
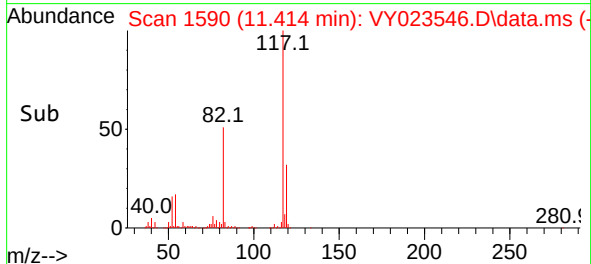
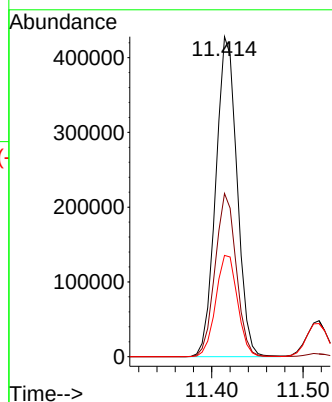
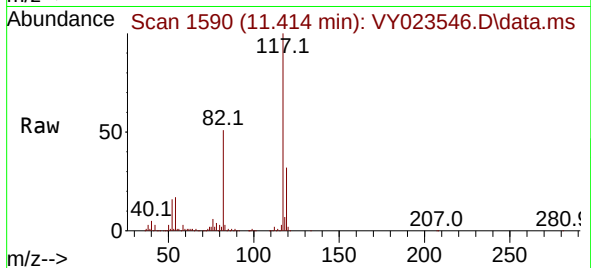
Tgt Ion:117 Resp: 691787

Ion Ratio Lower Upper

117 100

82 51.0 41.0 61.4

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 22.316 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Tgt Ion:164 Resp: 159402

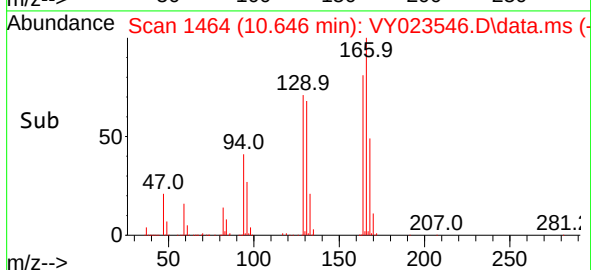
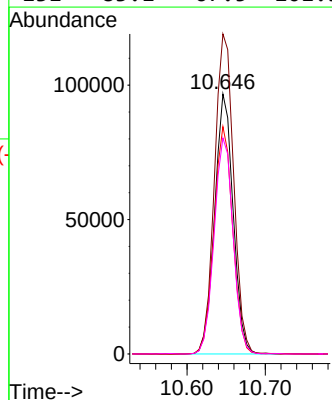
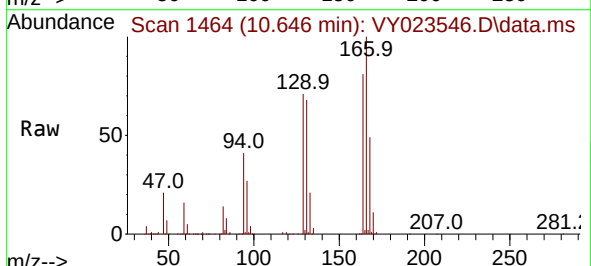
Ion Ratio Lower Upper

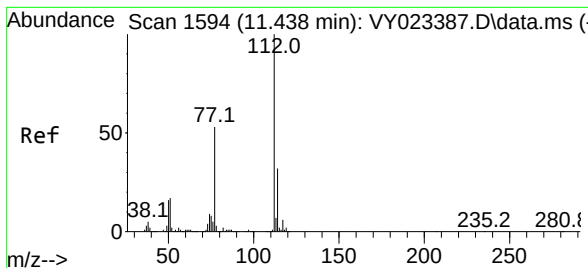
164 100

166 123.0 99.4 149.0

129 87.4 69.4 104.2

131 83.1 67.5 101.3

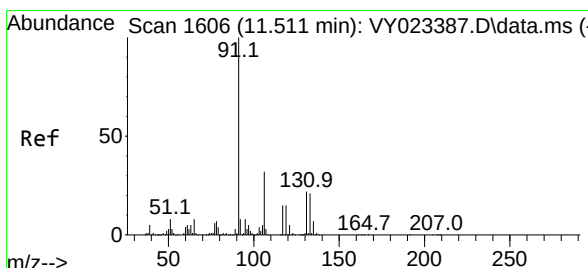
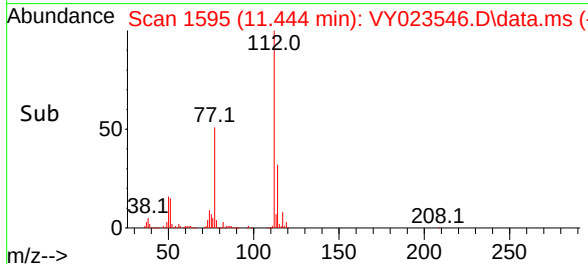
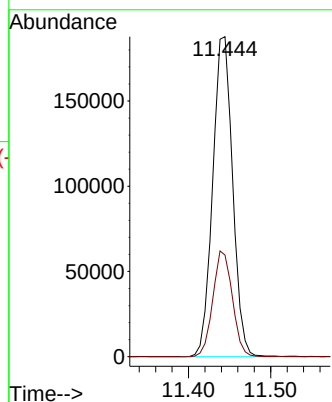
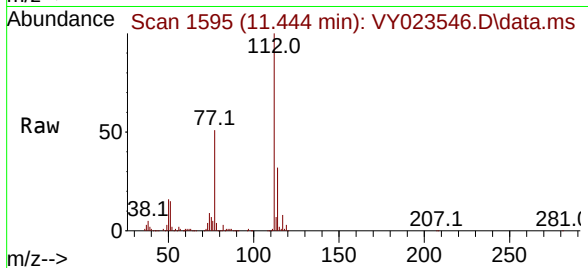




#65
Chlorobenzene
Concen: 20.995 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

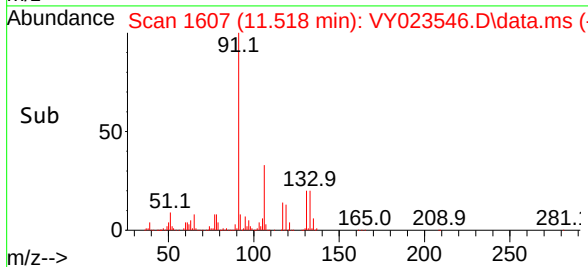
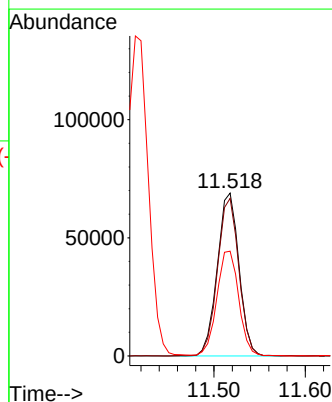
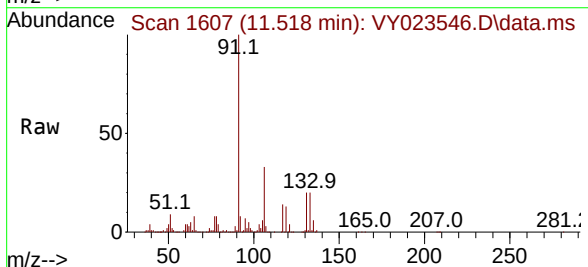
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

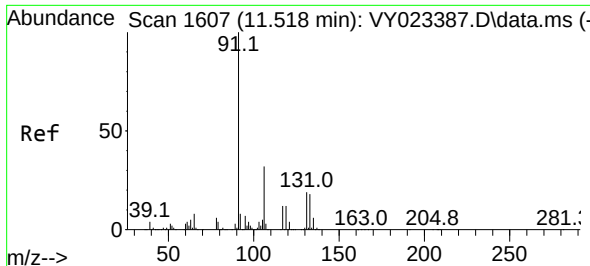
Tgt Ion:112 Resp: 315885
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.234 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:131 Resp: 113849
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.2
119 65.3 32.4 97.2

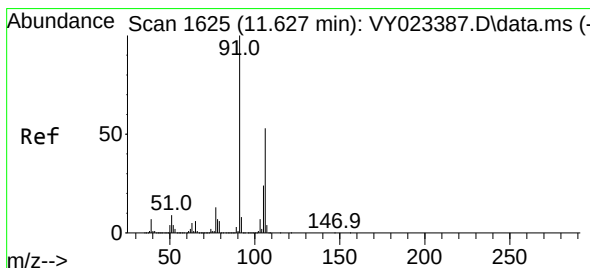
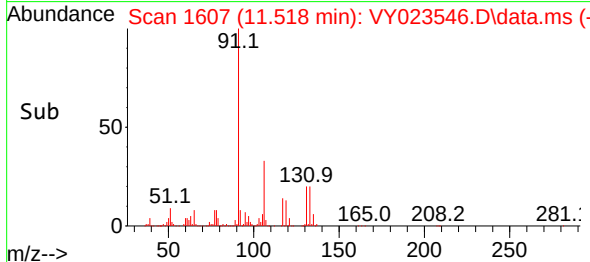
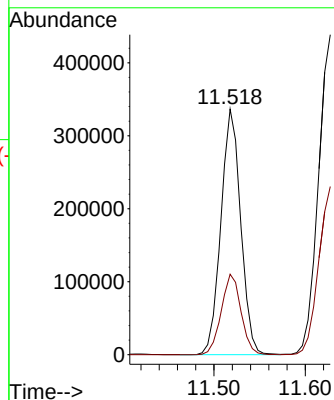
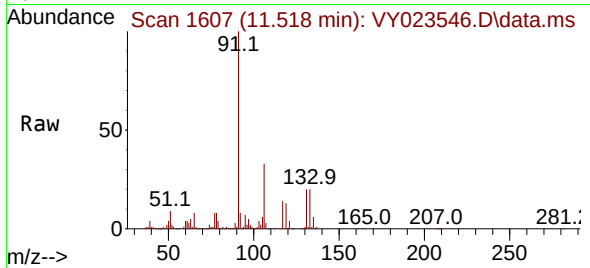




#67
Ethyl Benzene
Concen: 20.807 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

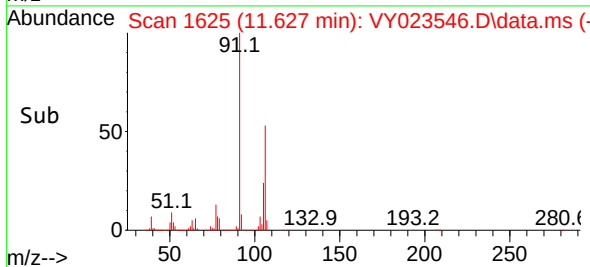
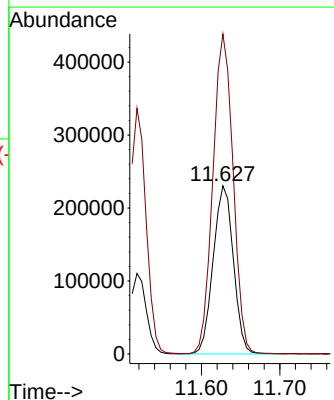
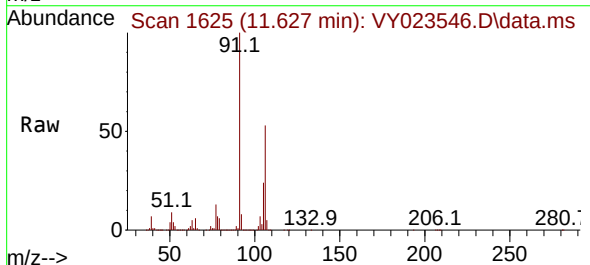
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

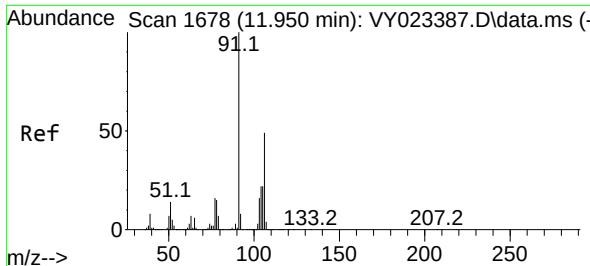
Tgt Ion: 91 Resp: 506760
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8



#68
m/p-Xylenes
Concen: 42.235 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 106 Resp: 412583
Ion Ratio Lower Upper
106 100
91 190.4 152.6 229.0

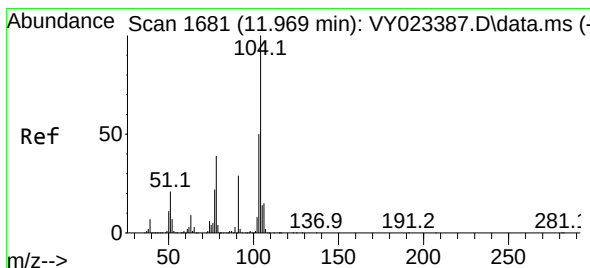
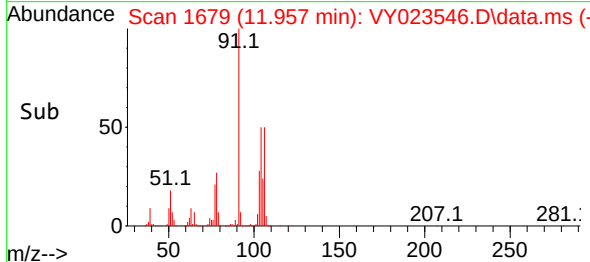
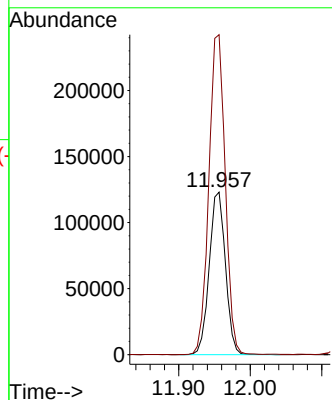
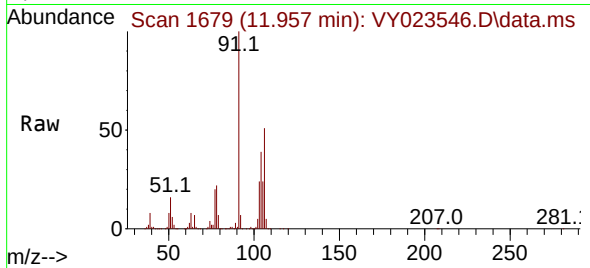




#69
o-Xylene
Concen: 21.110 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

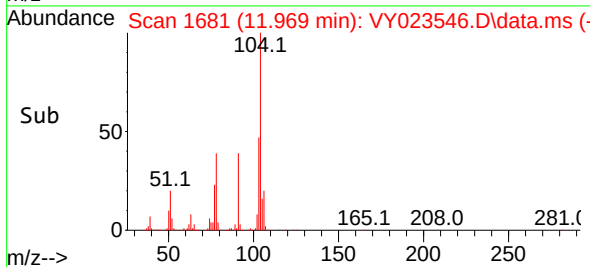
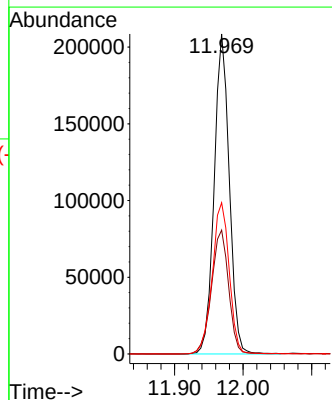
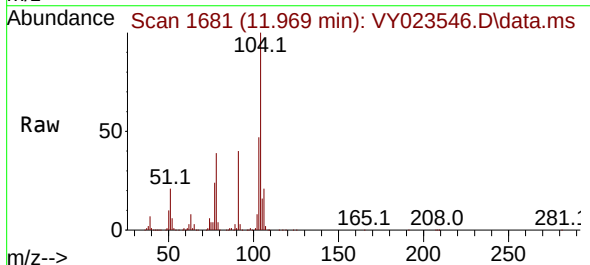
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

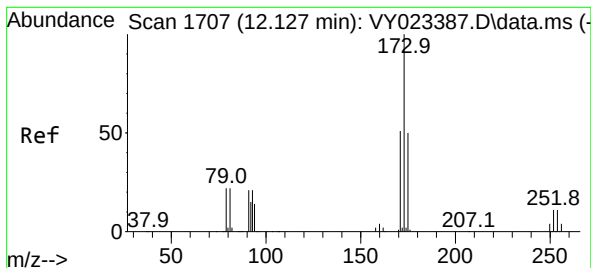
Tgt Ion:106 Resp: 193428
Ion Ratio Lower Upper
106 100
91 199.0 101.4 304.1



#70
Styrene
Concen: 21.173 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:104 Resp: 319023
Ion Ratio Lower Upper
104 100
78 44.1 36.1 54.1
103 53.1 43.2 64.8





#71

Bromoform

Concen: 20.257 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

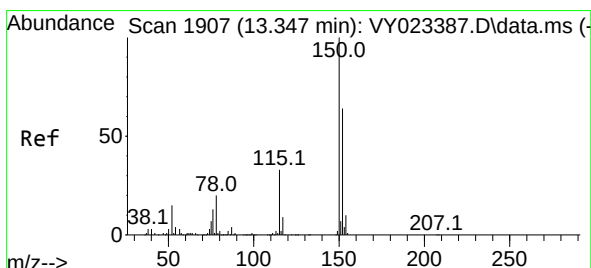
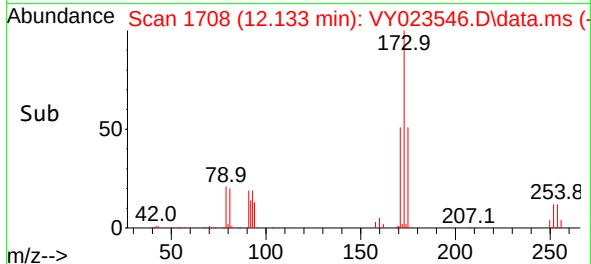
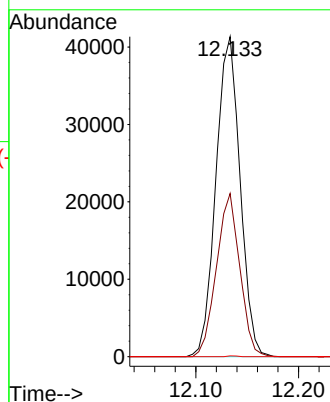
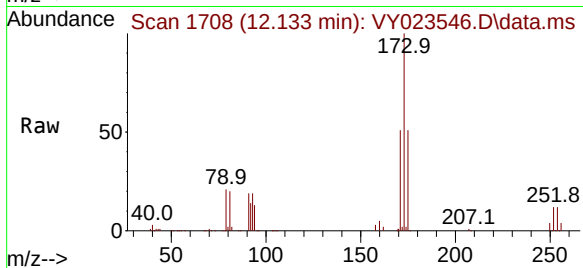
Tgt Ion:173 Resp: 67370

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

254 0.1 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: VY023546.D

Acq: 22 Oct 2025 10:51

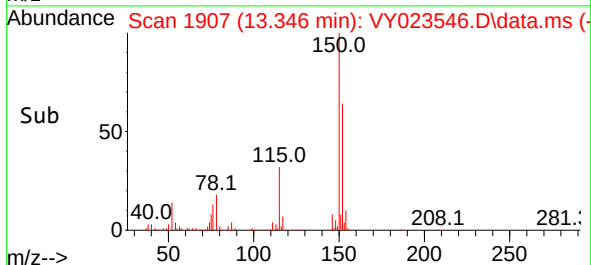
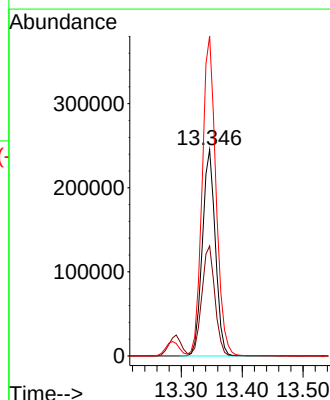
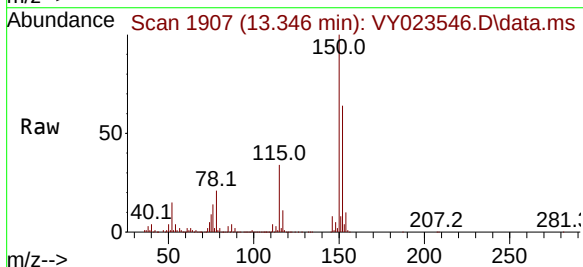
Tgt Ion:152 Resp: 364513

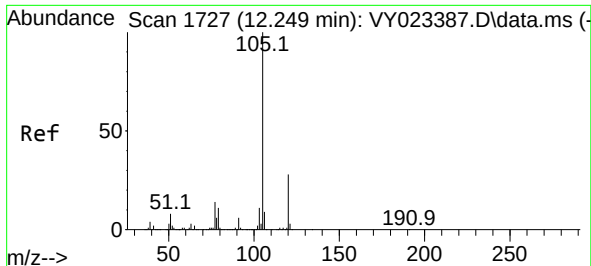
Ion Ratio Lower Upper

152 100

115 53.3 27.1 81.2

150 164.2 0.0 347.4

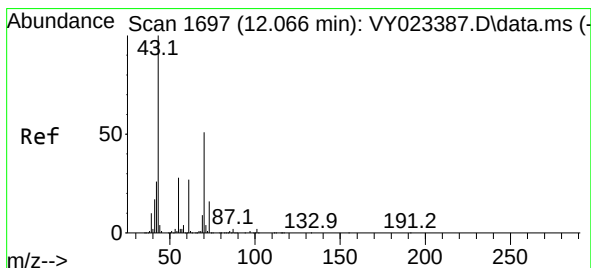
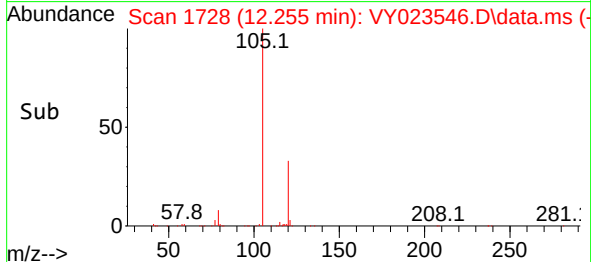
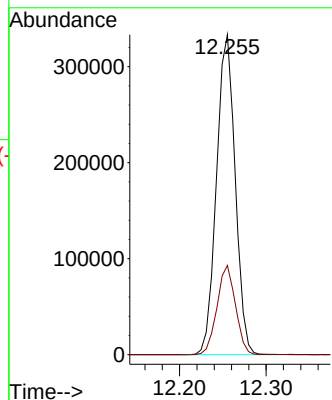
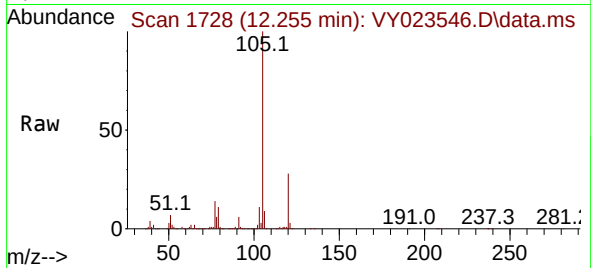




#73
Isopropylbenzene
Concen: 20.816 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

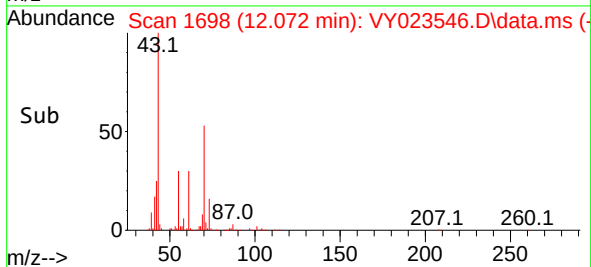
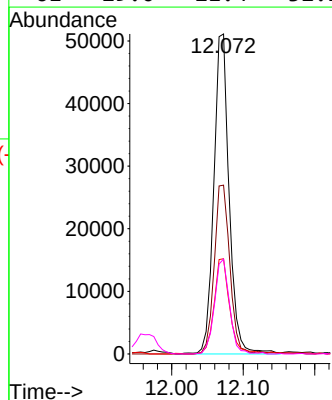
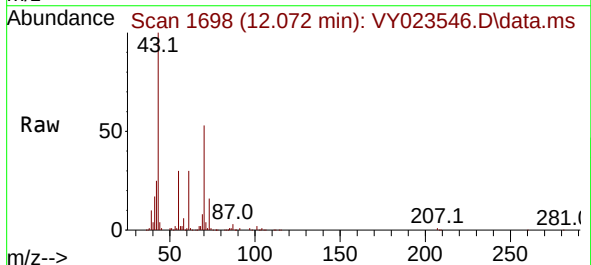
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

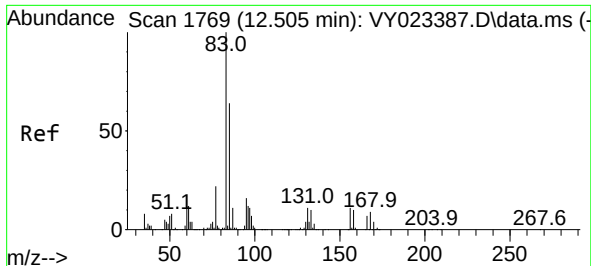
Tgt Ion:105 Resp: 500033
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.7



#74
N-ethyl acetate
Concen: 17.641 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 43 Resp: 76114
Ion Ratio Lower Upper
43 100
70 53.4 41.1 61.7
55 30.3 23.0 34.6
61 29.0 21.4 32.2

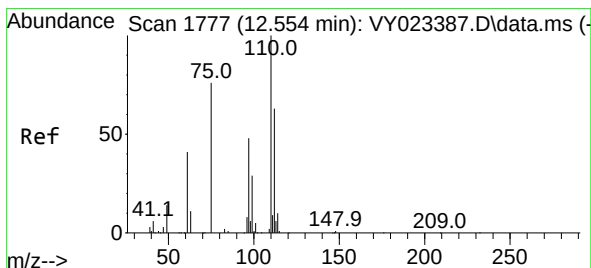
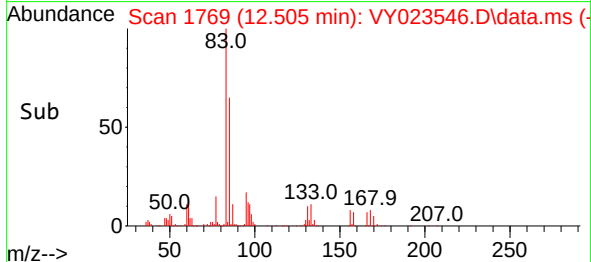
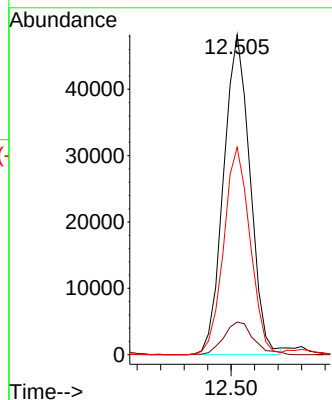
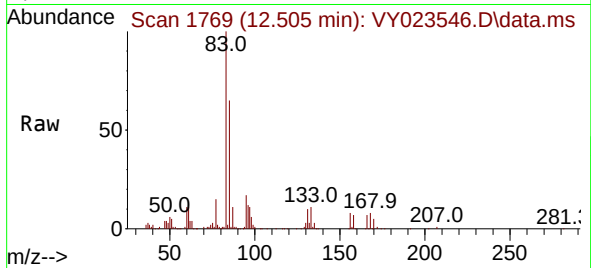




#75
1,1,2,2-Tetrachloroethane
Concen: 19.210 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

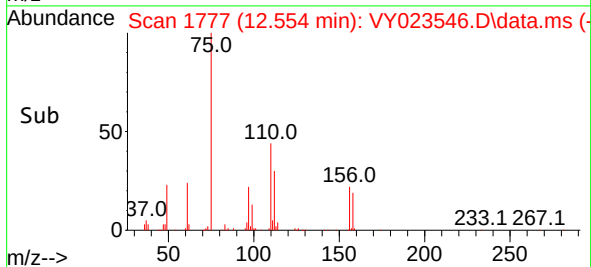
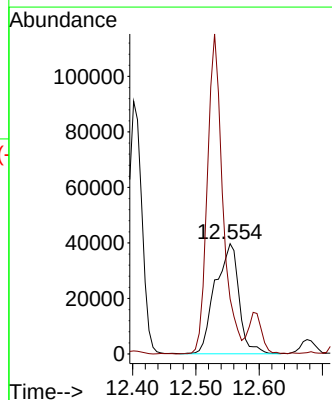
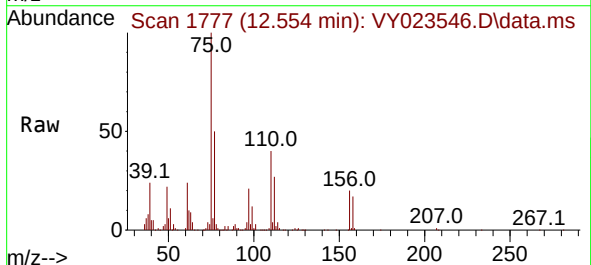
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

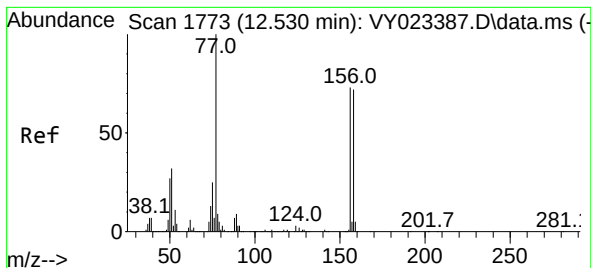
Tgt Ion: 83 Resp: 75476
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 64.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 32.014 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 75 Resp: 102957
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.147 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

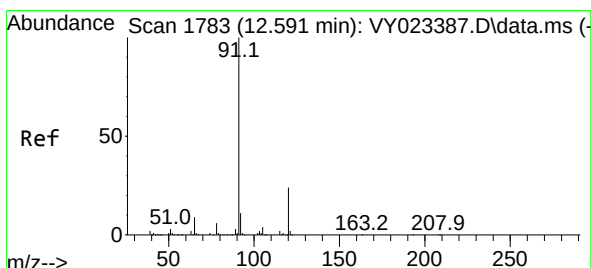
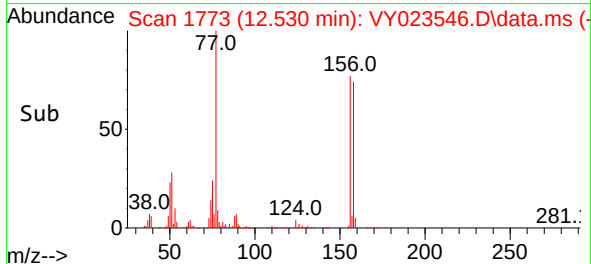
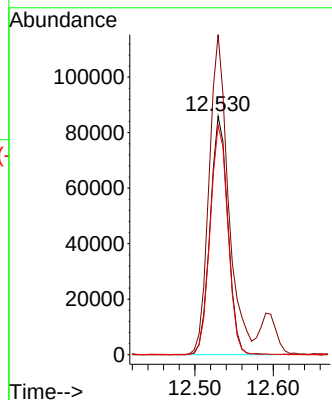
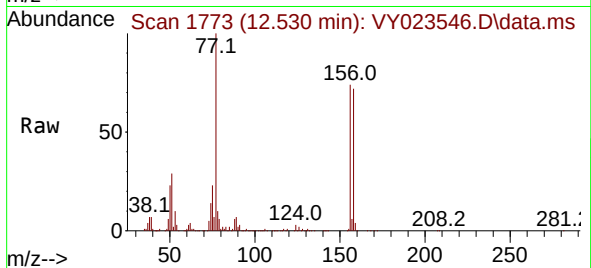
Tgt Ion:156 Resp: 135048

Ion Ratio Lower Upper

156 100

77 145.5 76.8 230.5

158 96.2 49.0 147.2



#78

n-propylbenzene

Concen: 20.960 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023546.D

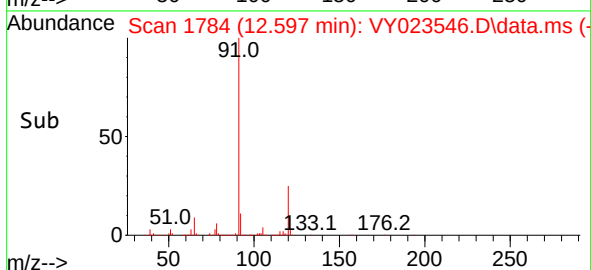
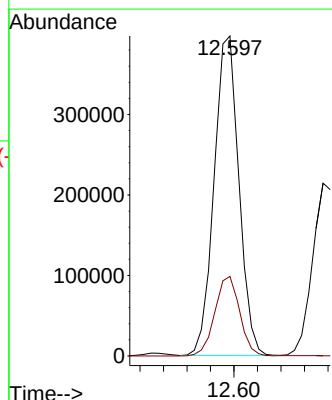
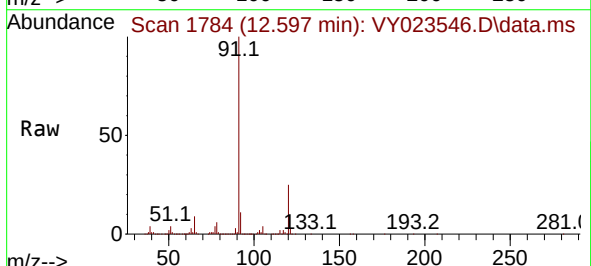
Acq: 22 Oct 2025 10:51

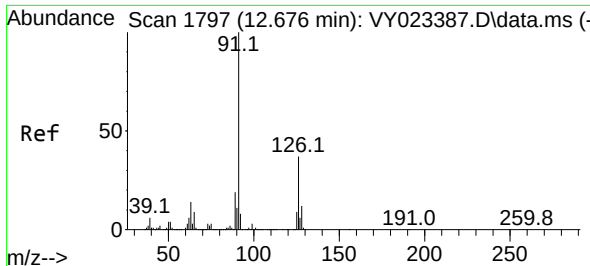
Tgt Ion: 91 Resp: 582648

Ion Ratio Lower Upper

91 100

120 24.9 12.3 36.8

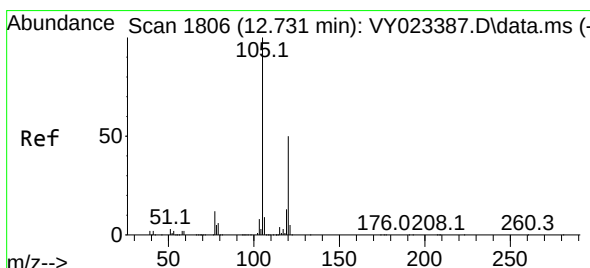
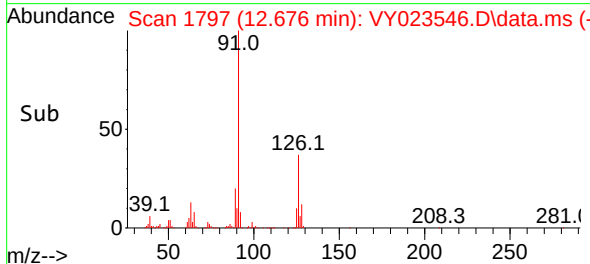
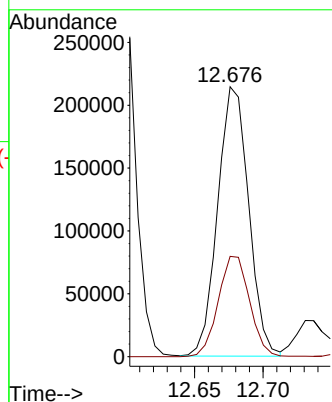
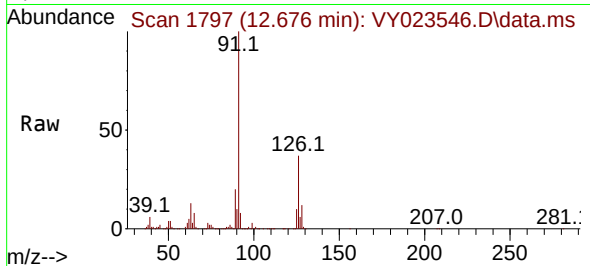




#79
2-Chlorotoluene
Concen: 20.750 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

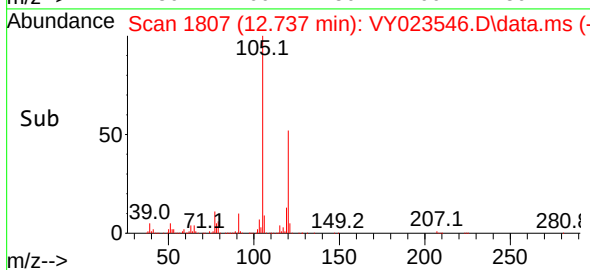
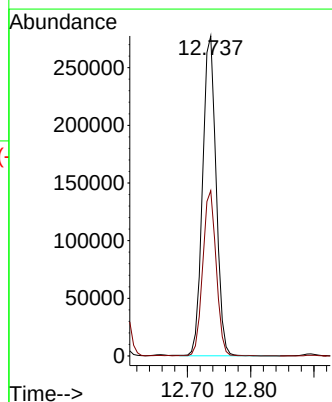
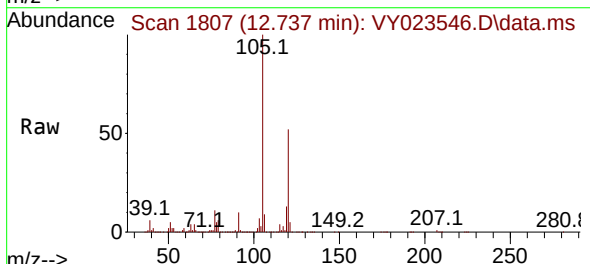
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

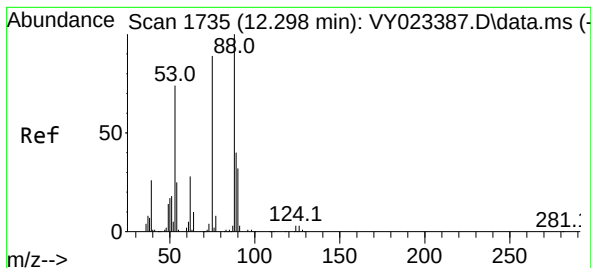
Tgt Ion: 91 Resp: 337780
Ion Ratio Lower Upper
91 100
126 37.7 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.274 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 105 Resp: 412957
Ion Ratio Lower Upper
105 100
120 51.1 25.4 76.4

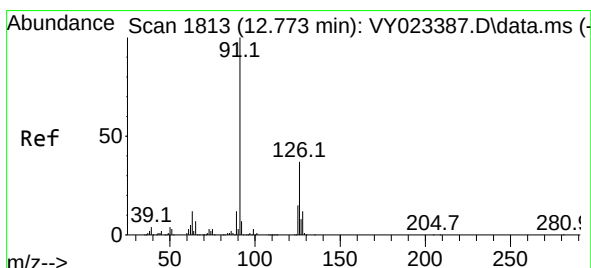
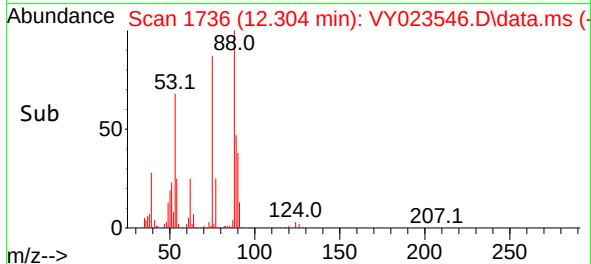
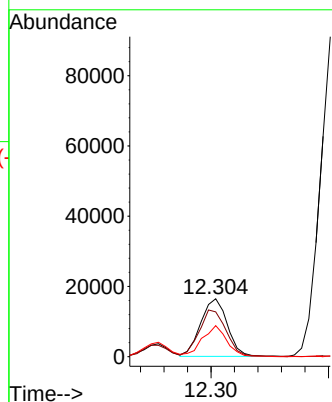
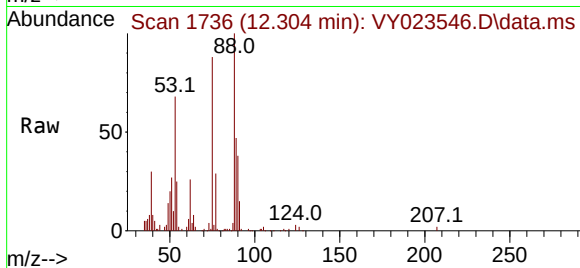




#81
trans-1,4-Dichloro-2-butene
Concen: 19.613 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

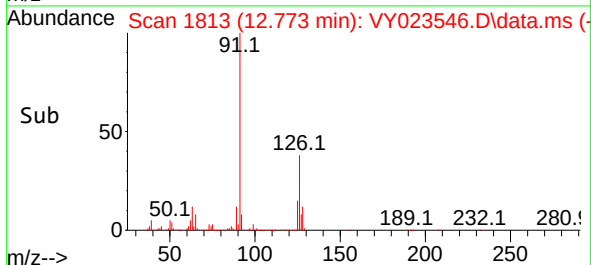
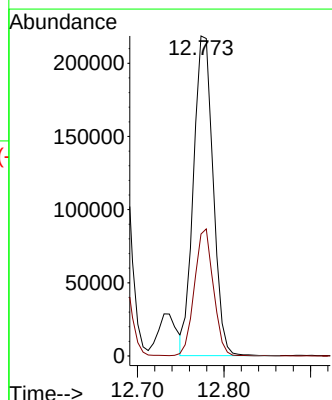
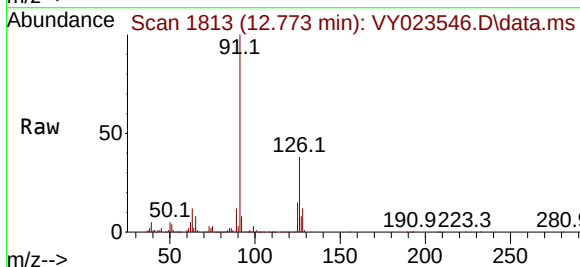
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

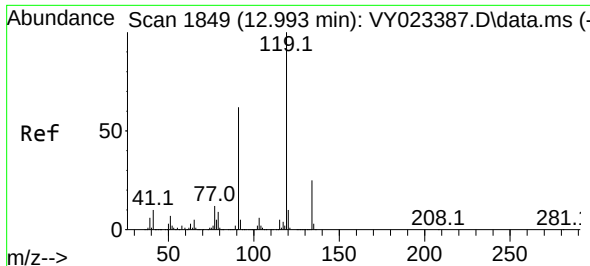
Tgt Ion: 75 Resp: 25722
Ion Ratio Lower Upper
75 100
53 82.2 68.6 102.8
89 49.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.477 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion: 91 Resp: 343300
Ion Ratio Lower Upper
91 100
126 38.3 18.4 55.4

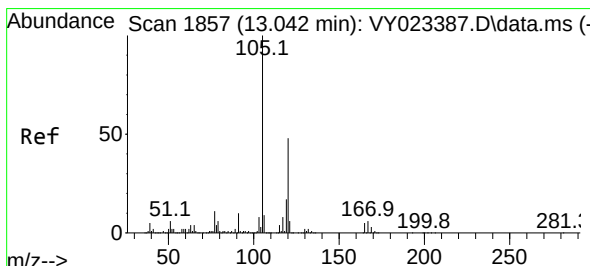
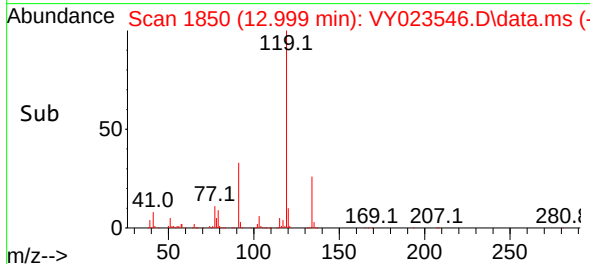
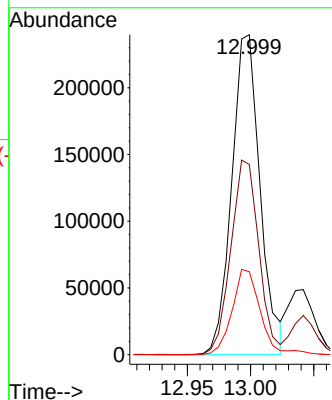
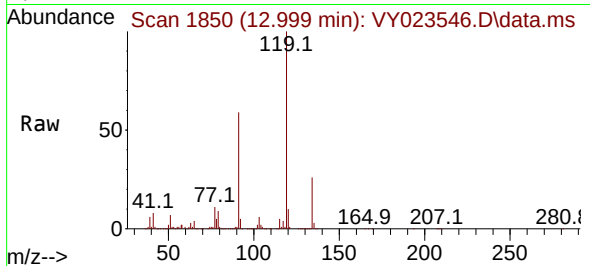




#83
 tert-Butylbenzene
 Concen: 20.869 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

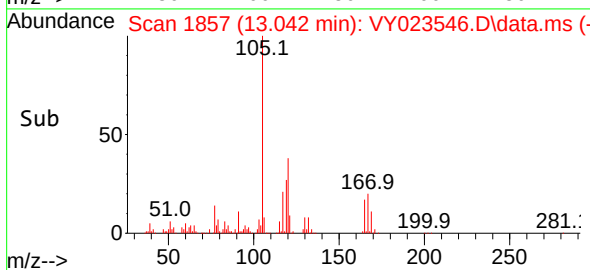
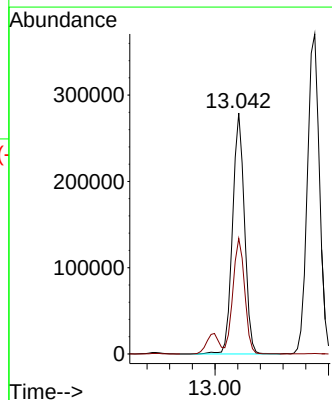
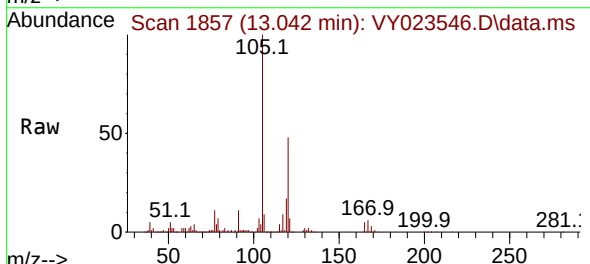
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

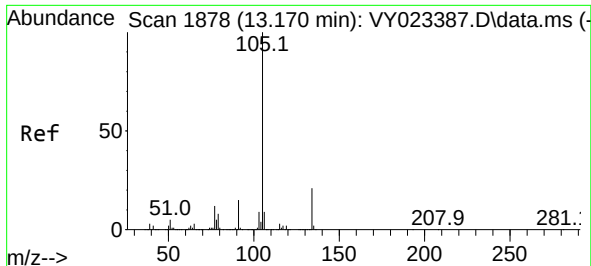
Tgt Ion:119 Resp: 374031
 Ion Ratio Lower Upper
 119 100
 91 60.0 29.9 89.8
 134 26.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.988 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion:105 Resp: 406596
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.8 71.2

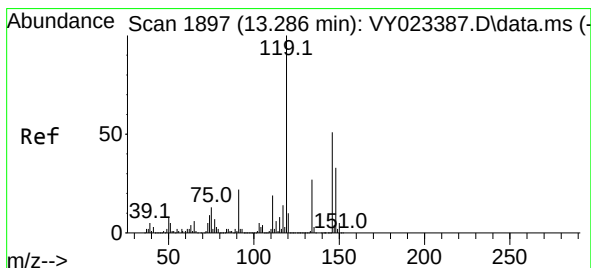
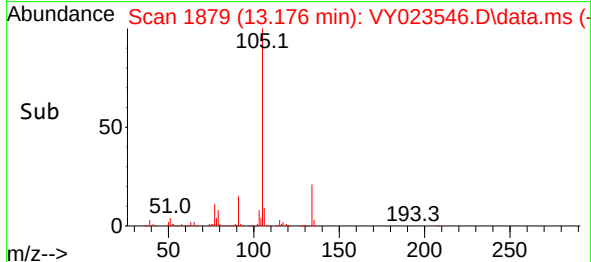
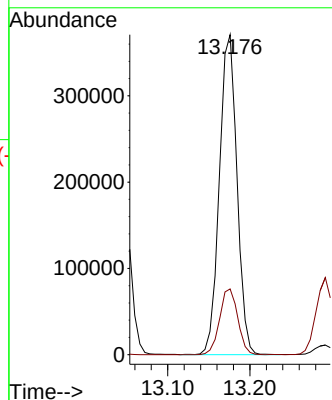
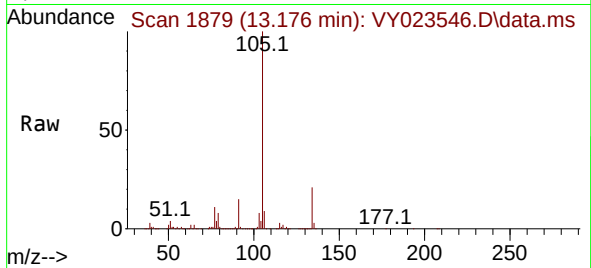




#85
 sec-Butylbenzene
 Concen: 21.403 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

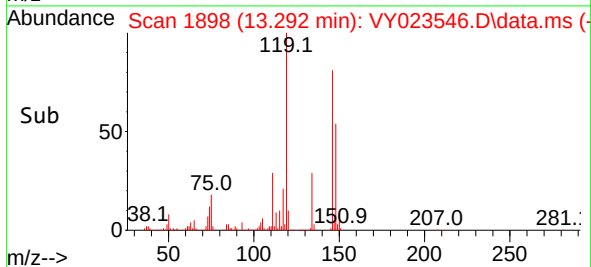
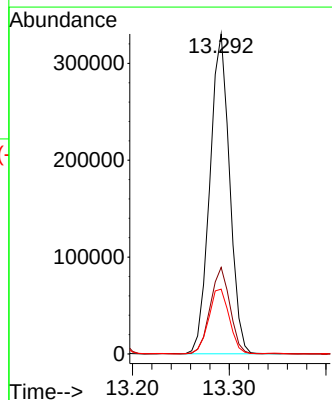
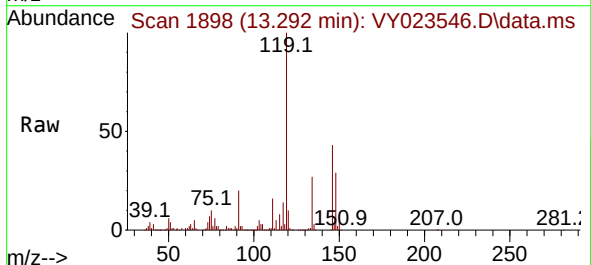
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

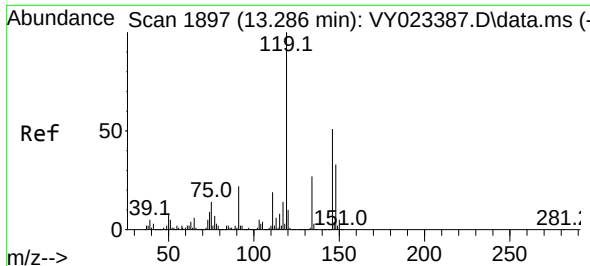
Tgt Ion:105 Resp: 550279
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.371 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion:119 Resp: 467814
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.2 10.9 32.9

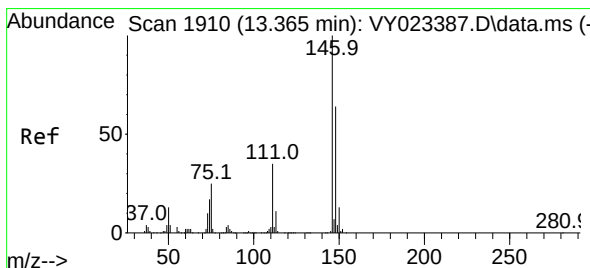
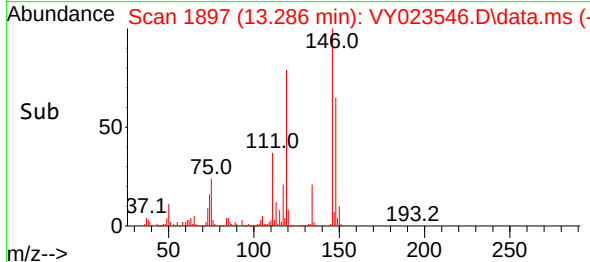
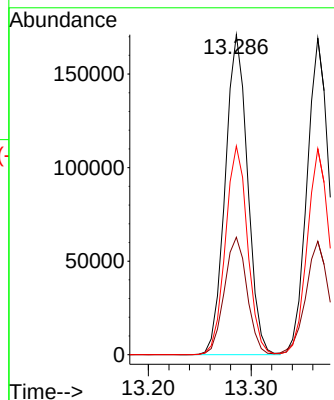
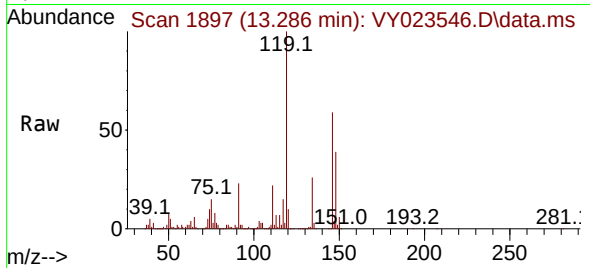




#87
 1,3-Dichlorobenzene
 Concen: 20.804 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

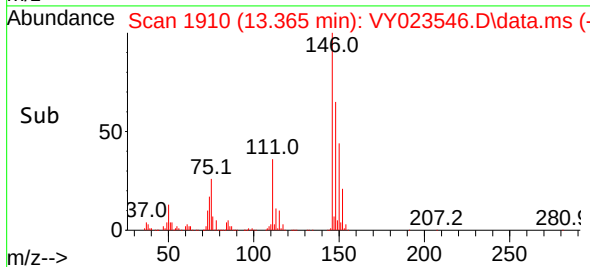
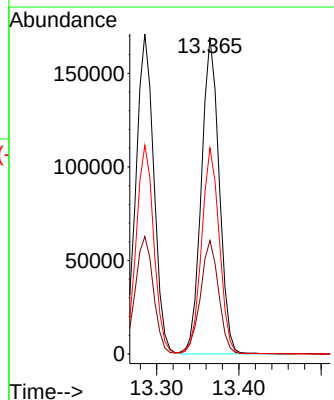
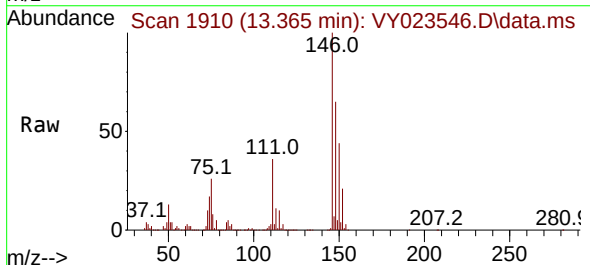
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

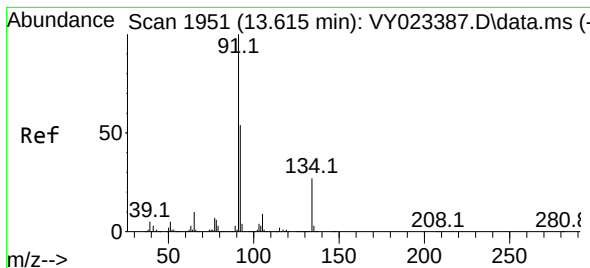
Tgt Ion:146 Resp: 258722
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.7 56.1
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.684 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion:146 Resp: 254047
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.0 54.0
 148 64.9 31.9 95.7





#89

n-Butylbenzene

Concen: 20.600 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

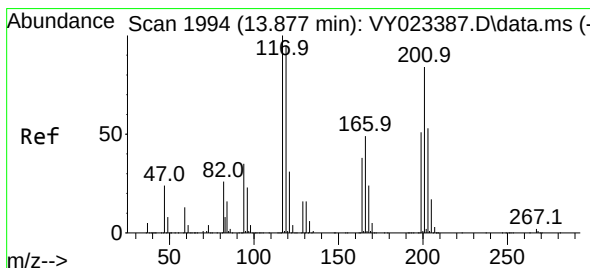
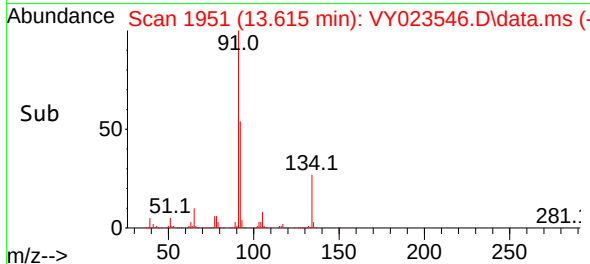
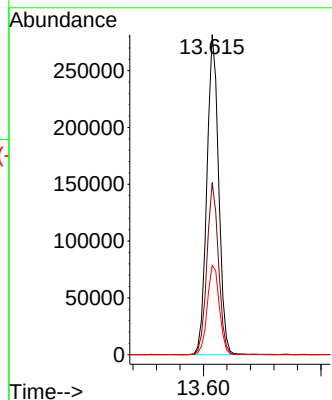
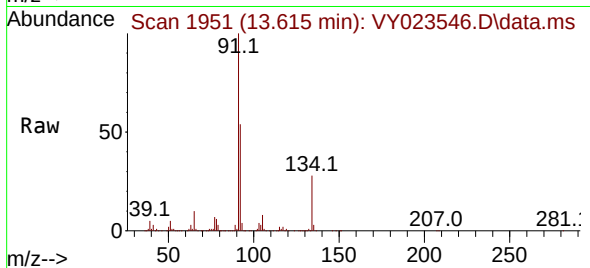
Tgt Ion: 91 Resp: 392922

Ion Ratio Lower Upper

91 100

92 52.9 27.0 80.8

134 28.5 14.1 42.2



#90

Hexachloroethane

Concen: 20.342 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023546.D

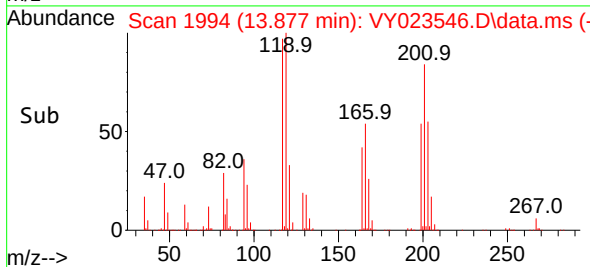
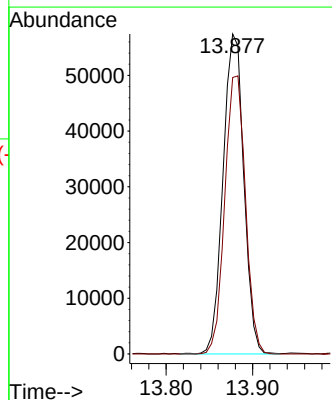
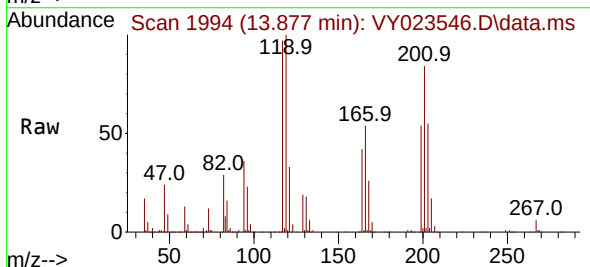
Acq: 22 Oct 2025 10:51

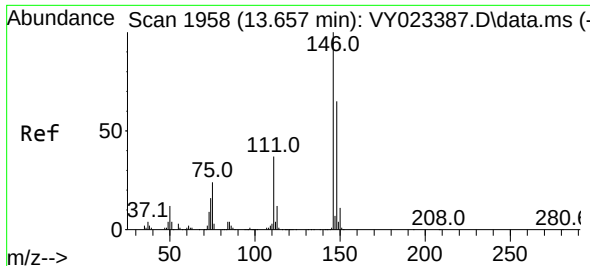
Tgt Ion: 117 Resp: 95771

Ion Ratio Lower Upper

117 100

201 86.3 43.8 131.4

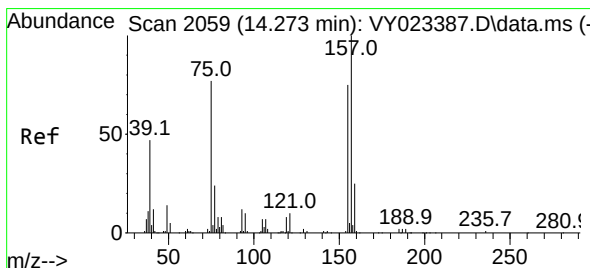
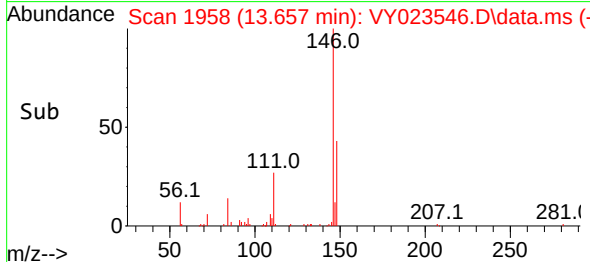
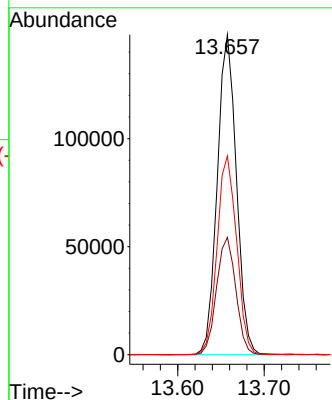
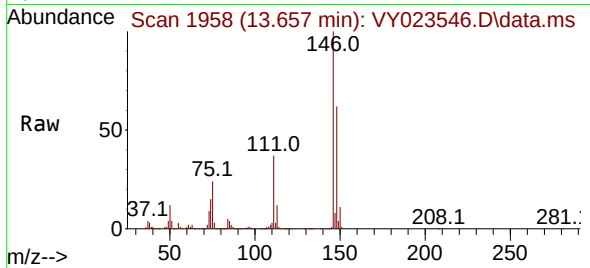




#91
 1,2-Dichlorobenzene
 Concen: 20.857 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

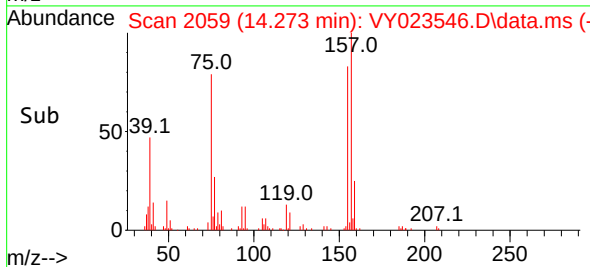
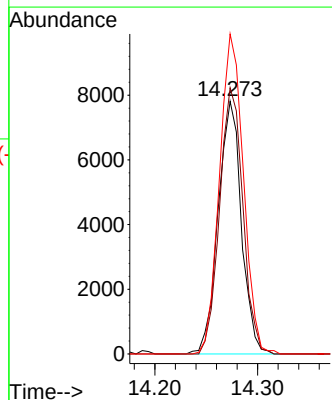
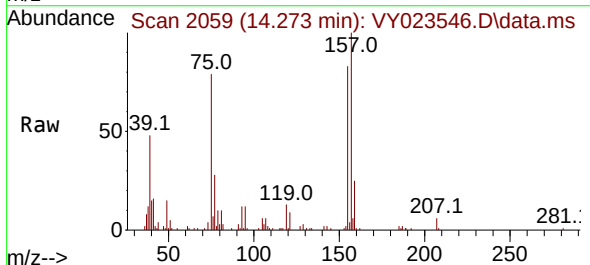
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBSD01

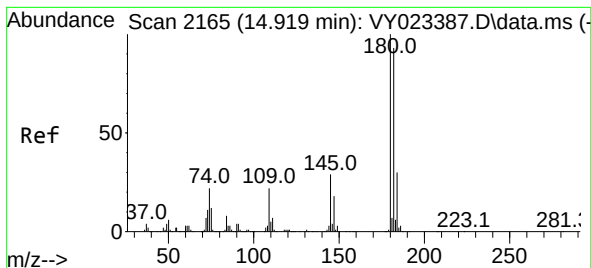
Tgt Ion:146 Resp: 227404
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.0 57.0
 148 63.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.977 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023546.D
 Acq: 22 Oct 2025 10:51

Tgt Ion: 75 Resp: 12234
 Ion Ratio Lower Upper
 75 100
 155 105.6 50.0 150.0
 157 130.3 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 20.166 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBSD01

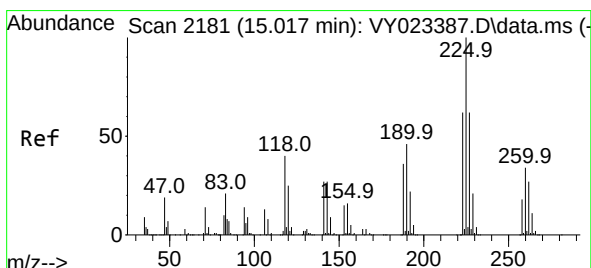
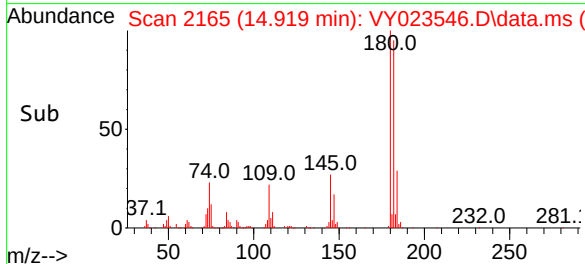
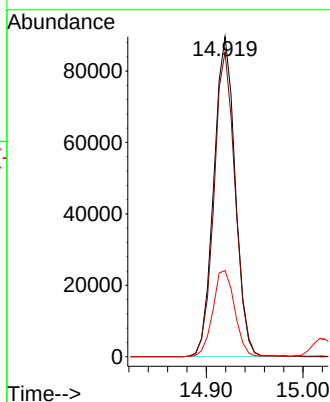
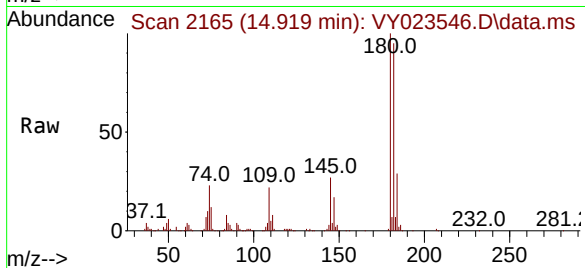
Tgt Ion:180 Resp: 137068

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 27.7 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.497 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023546.D

Acq: 22 Oct 2025 10:51

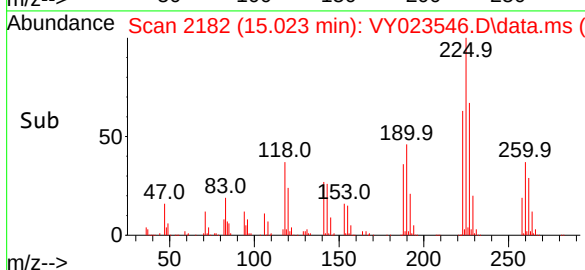
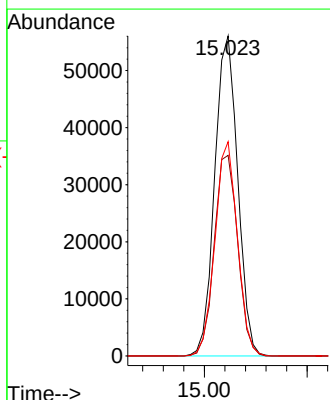
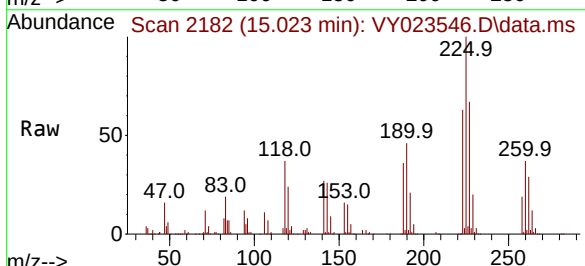
Tgt Ion:225 Resp: 86848

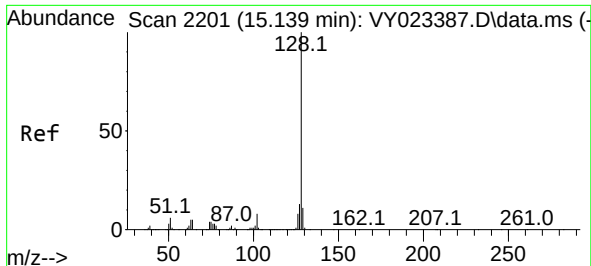
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 65.4 31.9 95.7

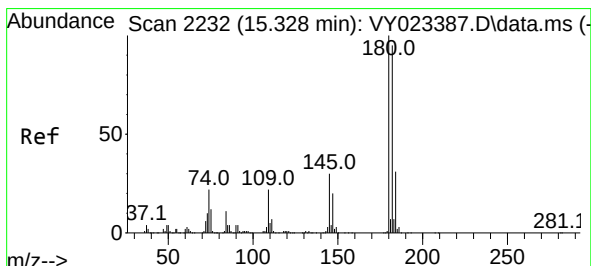
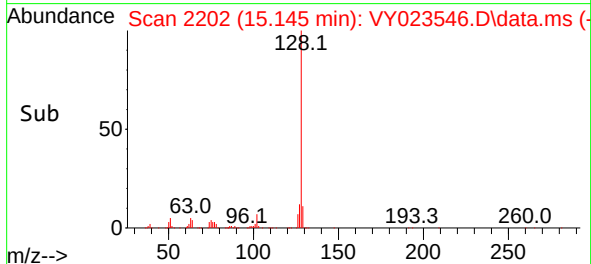
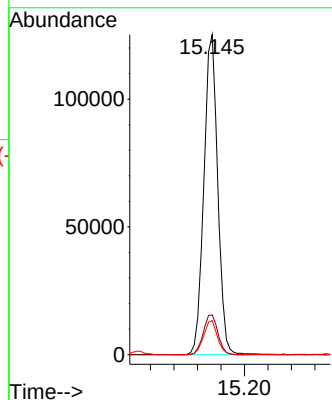
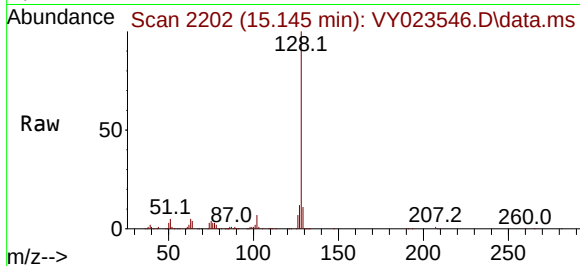




#95
Naphthalene
Concen: 18.906 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBSD01

Tgt Ion:128 Resp: 204628
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.509 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023546.D
Acq: 22 Oct 2025 10:51

Tgt Ion:180 Resp: 114859
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.8
145 31.0 15.3 45.9

