

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023409.D
 Acq On : 09 Oct 2025 09:45
 Operator : SY/MD
 Sample : VW1009SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

Quant Time: Oct 10 04:21:04 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	563762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	821828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	727518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	376801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215871	45.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.580%
35) Dibromofluoromethane	7.640	113	241758	47.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.109	98	900230	47.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.408	95	285471	45.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85749	21.131	ug/l	97
3) Chloromethane	2.074	50	108685	19.661	ug/l	100
4) Vinyl Chloride	2.208	62	140110	19.459	ug/l	100
5) Bromomethane	2.598	94	122336	20.247	ug/l	98
6) Chloroethane	2.739	64	100330	20.442	ug/l	99
7) Trichlorofluoromethane	3.062	101	196750	19.681	ug/l	99
8) Diethyl Ether	3.458	74	49795	19.062	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	108261	20.869	ug/l	99
10) Methyl Iodide	4.007	142	113175	19.597	ug/l	99
11) Tert butyl alcohol	4.866	59	33665	95.990	ug/l	95
12) 1,1-Dichloroethene	3.793	96	99731	19.832	ug/l	94
13) Acrolein	3.653	56	40278	81.277	ug/l	99
14) Allyl chloride	4.391	41	116410	18.994	ug/l	98
15) Acrylonitrile	5.061	53	90136	90.162	ug/l	99
16) Acetone	3.873	43	137624	122.625	ug/l	99
17) Carbon Disulfide	4.110	76	294532	20.463	ug/l	99
18) Methyl Acetate	4.385	43	47012	15.968	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	224998	18.616	ug/l	99
20) Methylene Chloride	4.616	84	113968	18.779	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	112414	20.304	ug/l	97
22) Diisopropyl ether	6.025	45	265422	19.579	ug/l	96
23) Vinyl Acetate	5.964	43	699897	95.380	ug/l	100
24) 1,1-Dichloroethane	5.921	63	182155	20.284	ug/l	97
25) 2-Butanone	6.896	43	145773	106.390	ug/l	97
26) 2,2-Dichloropropane	6.890	77	172493	20.933	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	126574	19.791	ug/l	99
28) Bromochloromethane	7.250	49	67024	19.993	ug/l	98
29) Tetrahydrofuran	7.268	42	67835	87.306	ug/l	97
30) Chloroform	7.427	83	199370	20.207	ug/l	99
31) Cyclohexane	7.707	56	154146	19.656	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	180303	20.109	ug/l	98
36) 1,1-Dichloropropene	7.835	75	138589	20.730	ug/l	98
37) Ethyl Acetate	6.994	43	51391	19.403	ug/l	98
38) Carbon Tetrachloride	7.817	117	167157	20.621	ug/l	100
39) Methylcyclohexane	9.109	83	174614	20.060	ug/l	96
40) Benzene	8.085	78	439932	20.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	24922	17.398	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	108207	19.817	ug/l	99
43) Isopropyl Acetate	8.201	43	96508	18.274	ug/l	100
44) Trichloroethene	8.866	130	125009	20.173	ug/l	99
45) 1,2-Dichloropropane	9.146	63	96247	20.582	ug/l	99
46) Dibromomethane	9.231	93	58388	19.746	ug/l	98
47) Bromodichloromethane	9.426	83	149191	20.033	ug/l	99
48) Methyl methacrylate	9.219	41	42780	17.242	ug/l	95
49) 1,4-Dioxane	9.231	88	12246	357.190	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	250333	91.743	ug/l	98
52) Toluene	10.170	92	280105	20.376	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	122023	18.844	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	149849	19.607	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	77705	19.541	ug/l	95
56) Ethyl methacrylate	10.445	69	80772	17.609	ug/l	99
57) 1,3-Dichloropropane	10.719	76	123698	19.631	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	182196	88.669	ug/l	99
59) 2-Hexanone	10.762	43	197074	101.063	ug/l	99
60) Dibromochloromethane	10.914	129	111195	19.945	ug/l	99
61) 1,2-Dibromoethane	11.018	107	73429	19.363	ug/l	99
64) Tetrachloroethene	10.646	164	145594	19.382	ug/l	96
65) Chlorobenzene	11.444	112	314016	19.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	111165	19.715	ug/l	99
67) Ethyl Benzene	11.518	91	509085	19.876	ug/l	99
68) m/p-Xylenes	11.627	106	410062	39.916	ug/l	99
69) o-Xylene	11.956	106	188687	19.581	ug/l	99
70) Styrene	11.969	104	311804	19.677	ug/l	99
71) Bromoform	12.133	173	64321	18.390	ug/l #	100
73) Isopropylbenzene	12.255	105	493259	19.864	ug/l	100
74) N-amyl acetate	12.072	43	77131	17.293	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	78596	19.352	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	101467	30.522	ug/l #	100
77) Bromobenzene	12.536	156	127908	19.376	ug/l	98
78) n-propylbenzene	12.597	91	580789	20.212	ug/l	100
79) 2-Chlorotoluene	12.682	91	335010	19.909	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	402952	20.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24605	18.150	ug/l	99
82) 4-Chlorotoluene	12.779	91	347982	20.080	ug/l	100
83) tert-Butylbenzene	12.999	119	362790	19.582	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	403304	20.139	ug/l	99
85) sec-Butylbenzene	13.176	105	536485	20.186	ug/l	100
86) p-Isopropyltoluene	13.292	119	455784	20.143	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	250678	19.500	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	248075	19.539	ug/l	99
89) n-Butylbenzene	13.615	91	386693	19.613	ug/l	99
90) Hexachloroethane	13.877	117	97445	20.022	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	217274	19.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11766	17.656	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	122058	17.372	ug/l	100
94) Hexachlorobutadiene	15.023	225	83673	19.104	ug/l	100
95) Naphthalene	15.145	128	169222	15.125	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	104325	17.142	ug/l	100

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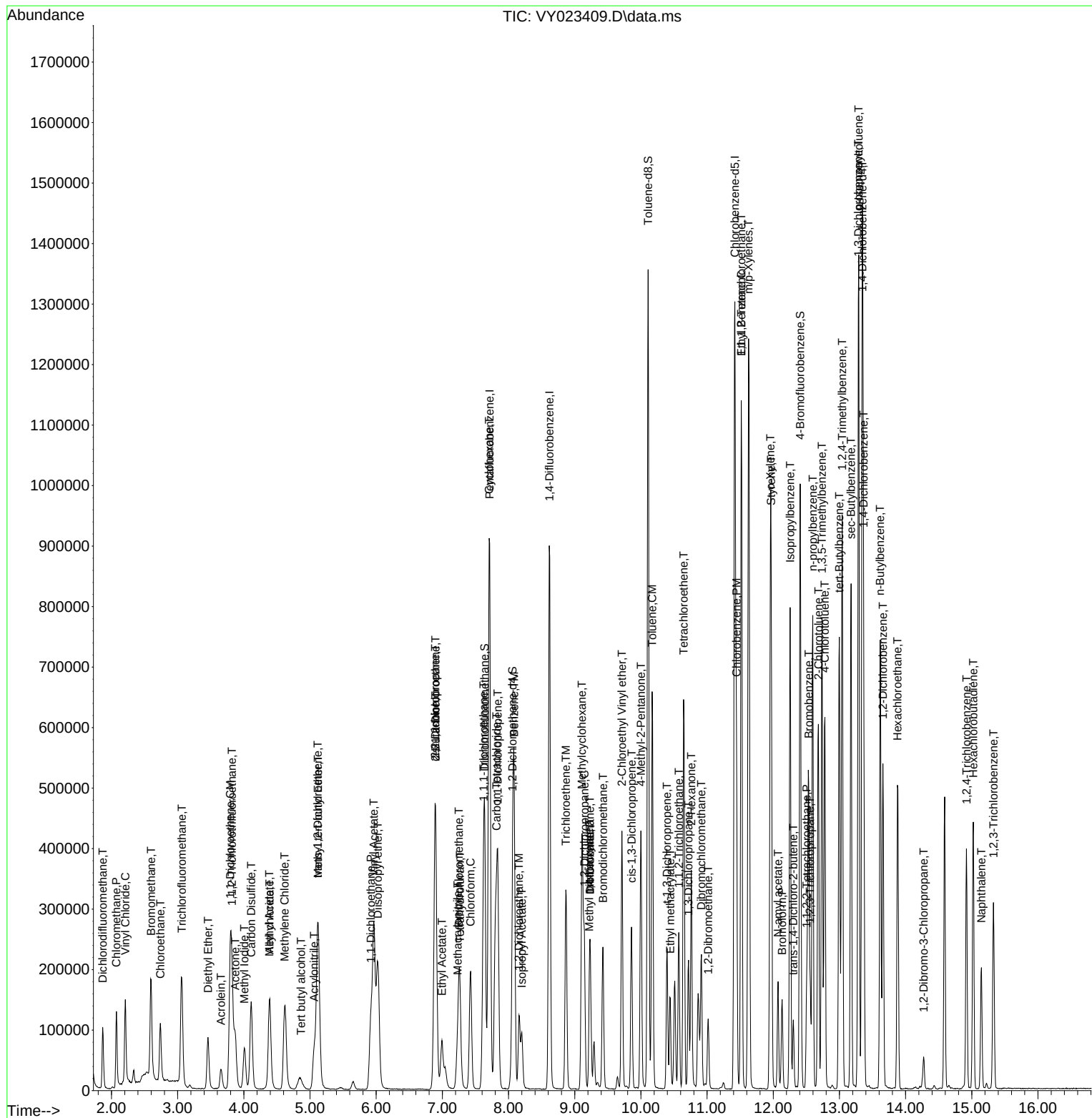
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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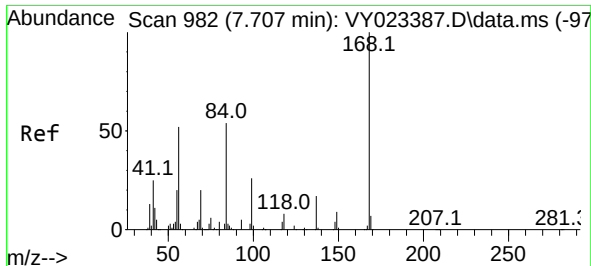
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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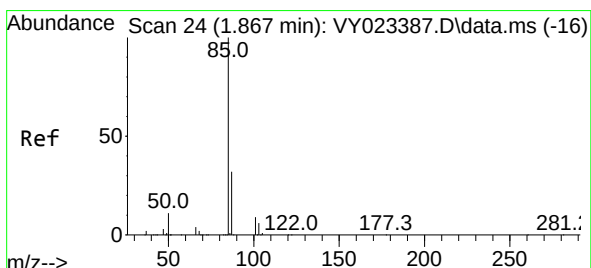
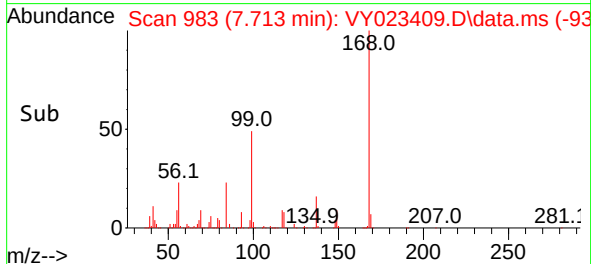
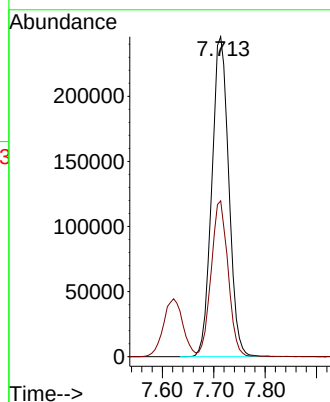
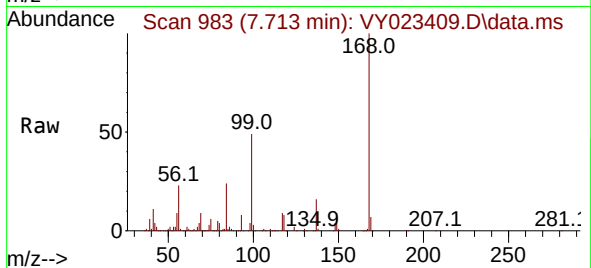




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023409.D
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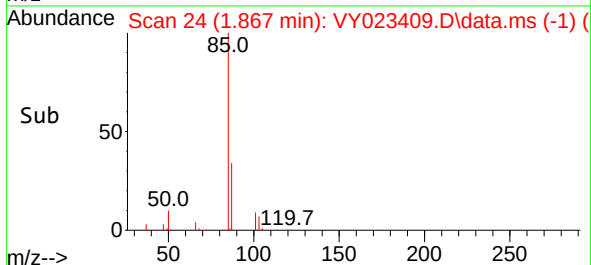
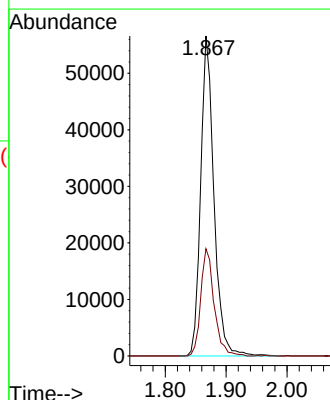
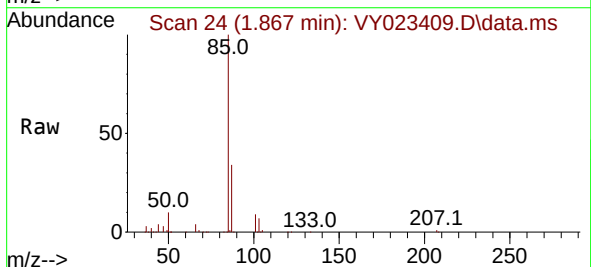
Instrument :
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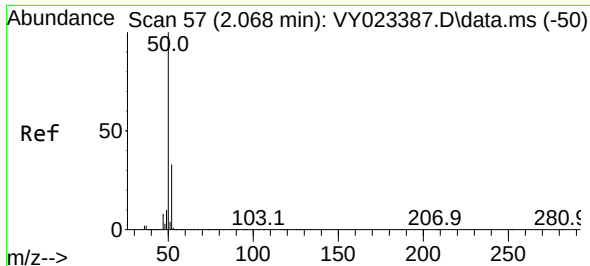
Tgt Ion:168 Resp: 563762
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 21.131 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 85 Resp: 85749
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9

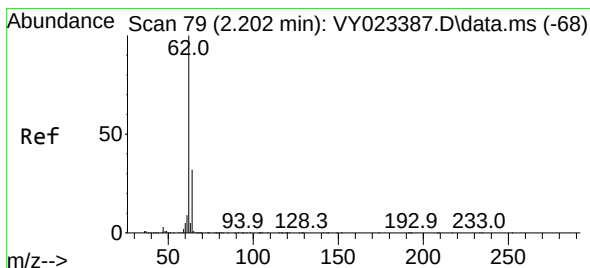
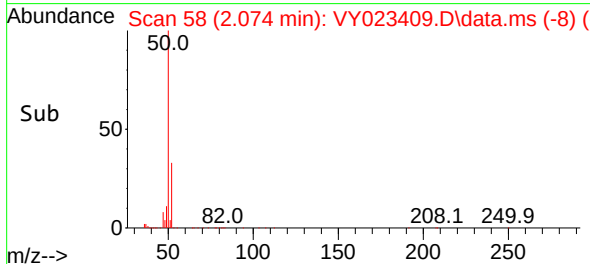
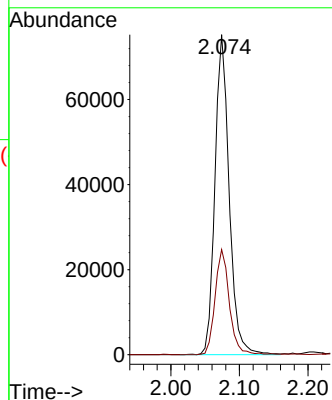
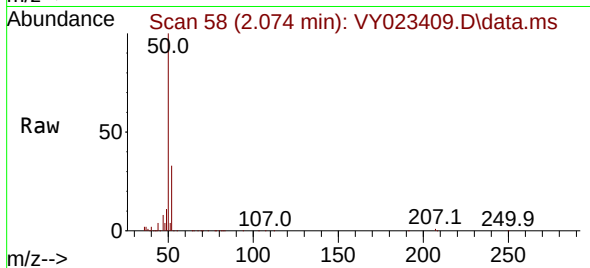




#3
Chloromethane
Concen: 19.661 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

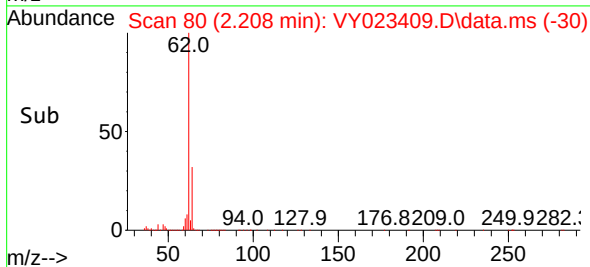
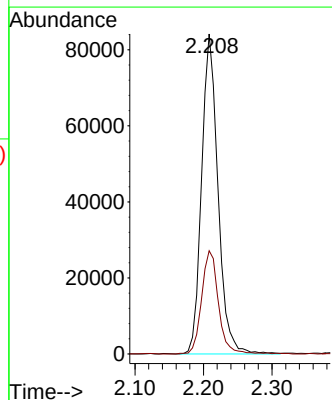
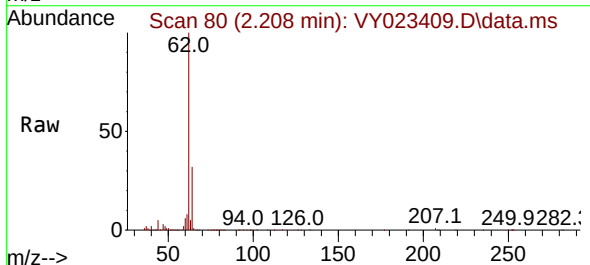
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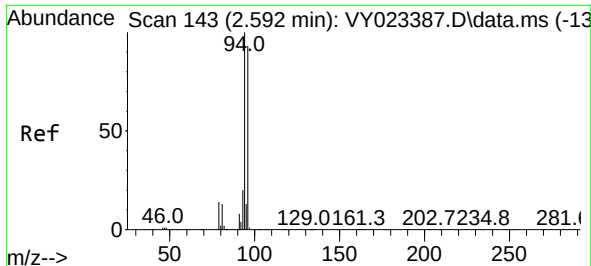
Tgt Ion: 50 Resp: 108685
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 19.459 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 62 Resp: 140110
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8

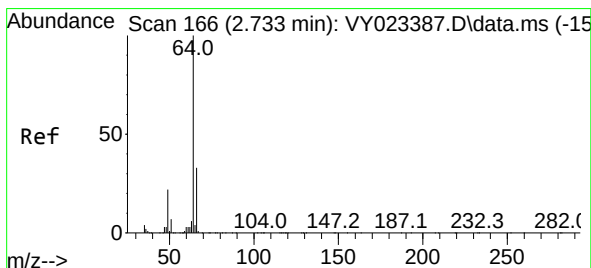
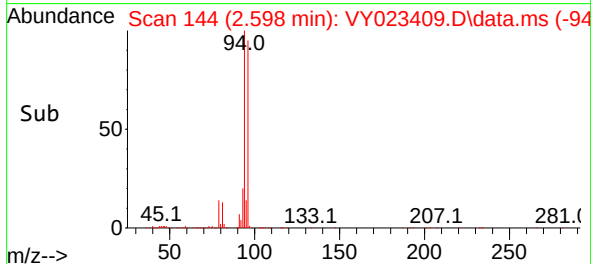
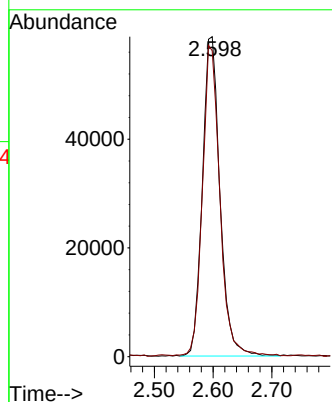
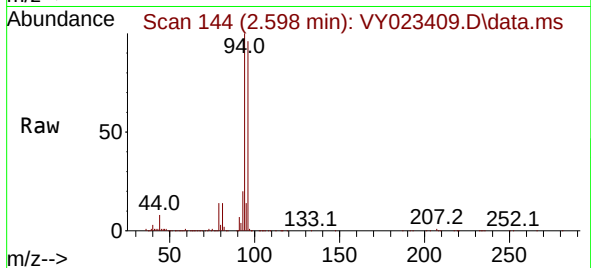




#5
Bromomethane
Concen: 20.247 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023409.D
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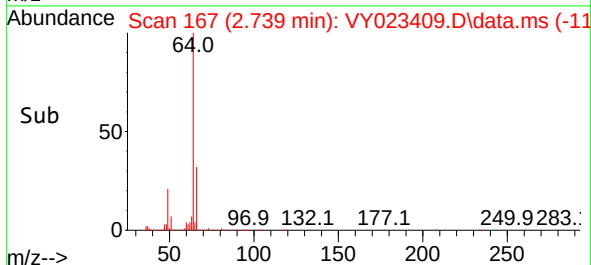
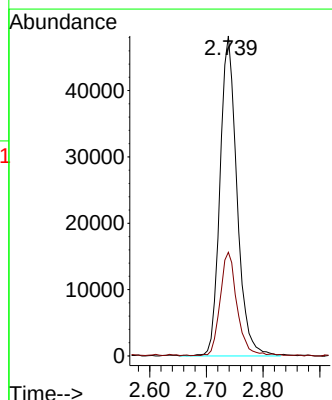
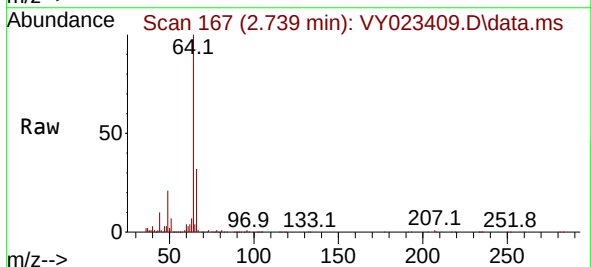
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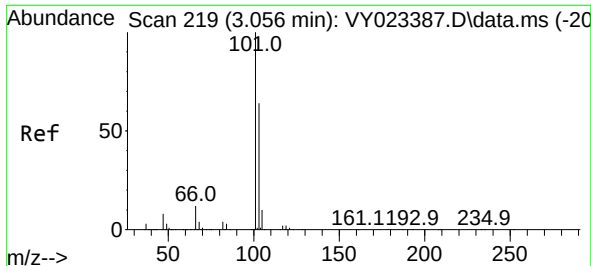
Tgt Ion: 94 Resp: 122336
Ion Ratio Lower Upper
94 100
96 95.5 74.5 111.7



#6
Chloroethane
Concen: 20.442 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 64 Resp: 100330
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

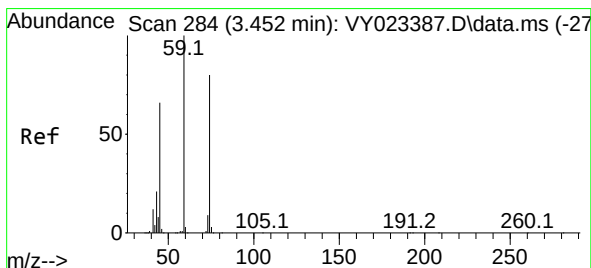
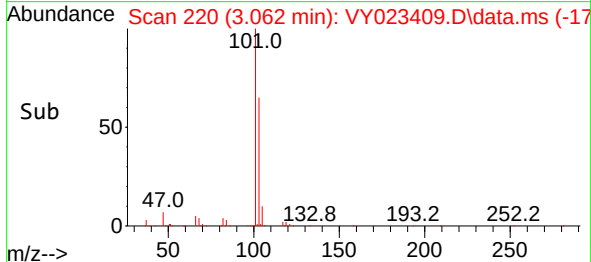
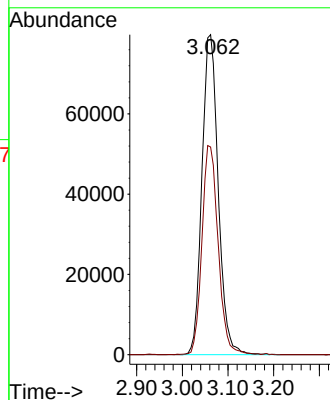
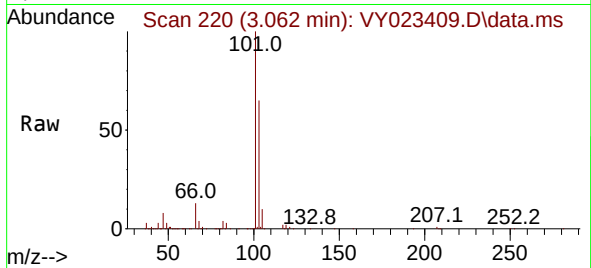




#7
 Trichlorofluoromethane
 Concen: 19.681 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

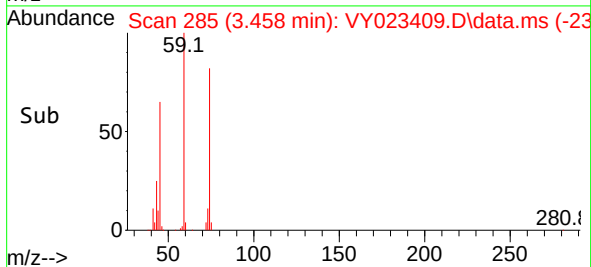
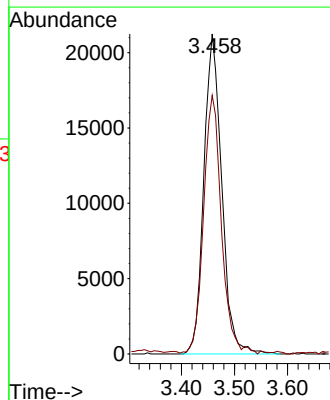
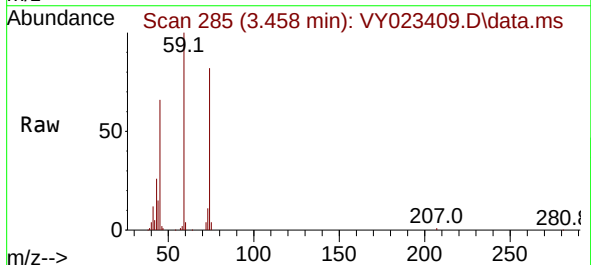
Instrument :
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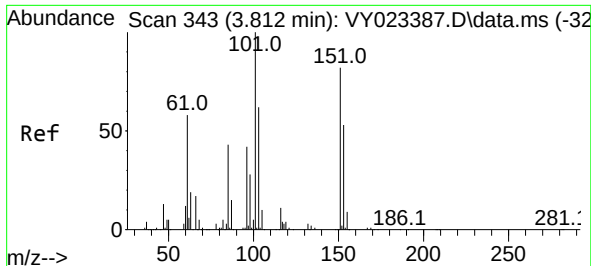
Tgt Ion:101 Resp: 196750
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.3 76.9



#8
 Diethyl Ether
 Concen: 19.062 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

Tgt Ion: 74 Resp: 49795
 Ion Ratio Lower Upper
 74 100
 45 80.8 39.9 119.7

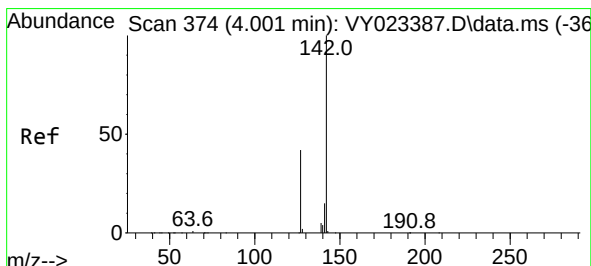
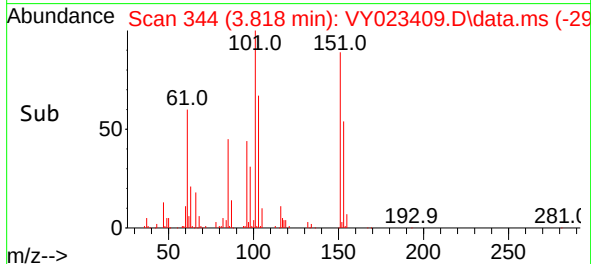
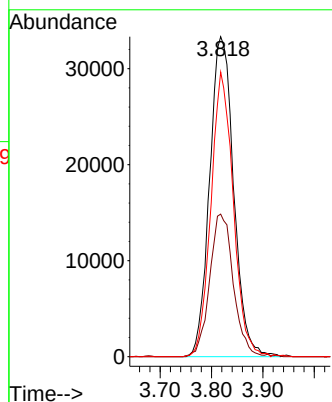
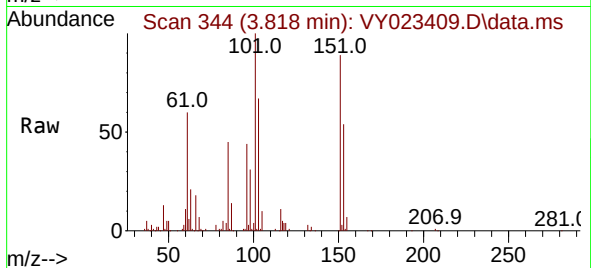




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.869 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

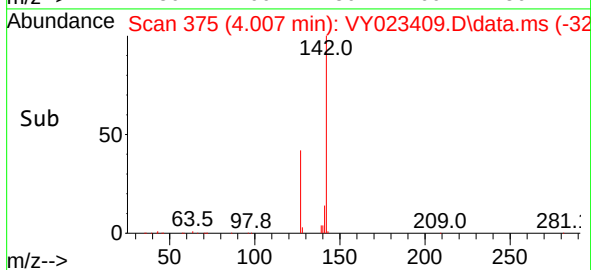
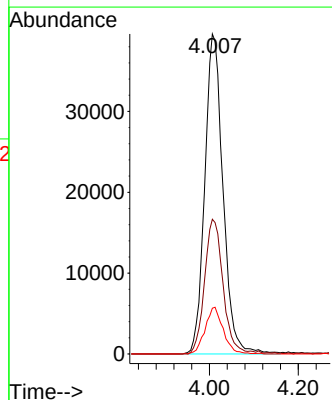
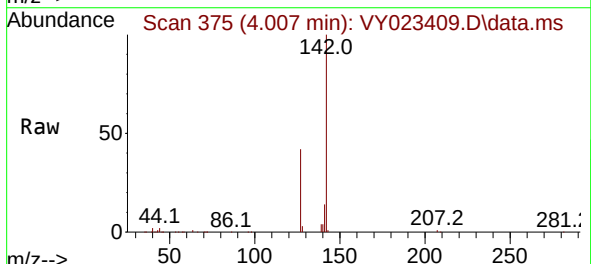
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

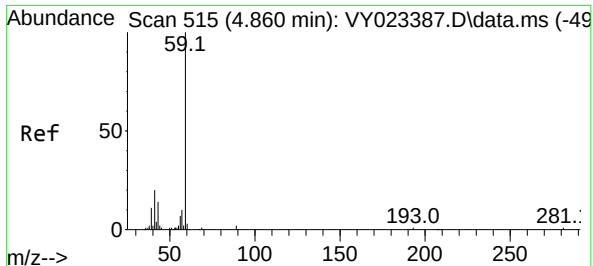
Tgt Ion:101 Resp: 108261
Ion Ratio Lower Upper
101 100
85 44.0 34.6 51.8
151 82.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.597 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:142 Resp: 113175
Ion Ratio Lower Upper
142 100
127 42.9 34.8 52.2
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 95.990 ug/l

RT: 4.866 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

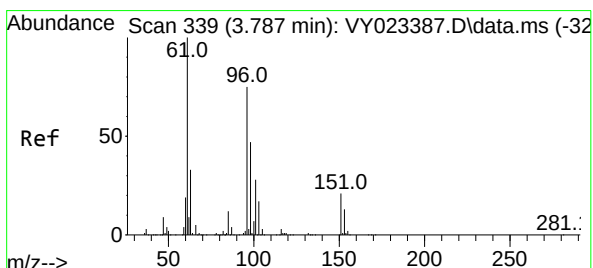
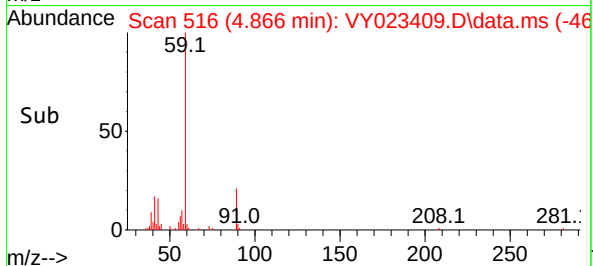
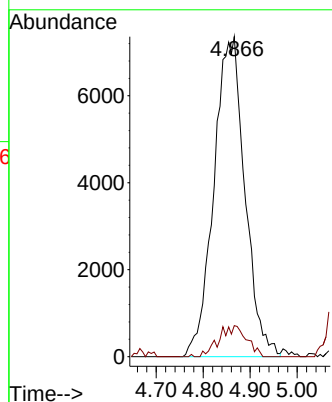
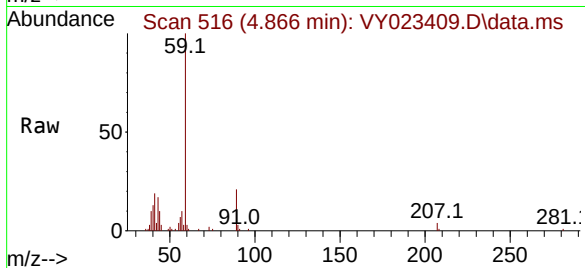
VY1009SBS01

Tgt Ion: 59 Resp: 33665

Ion Ratio Lower Upper

59 100

57 8.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.832 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

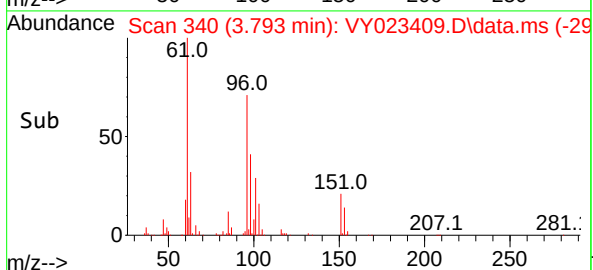
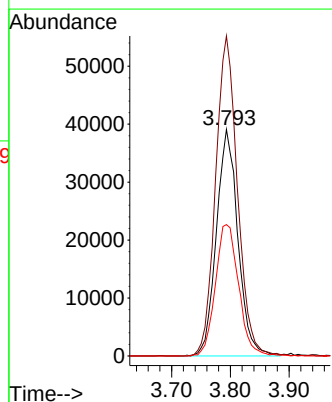
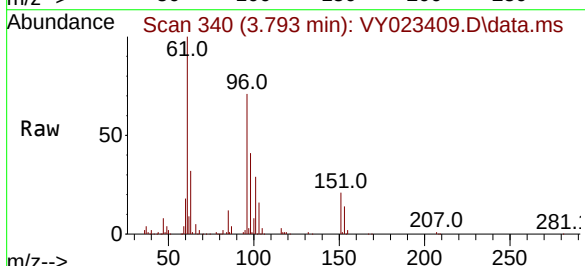
Tgt Ion: 96 Resp: 99731

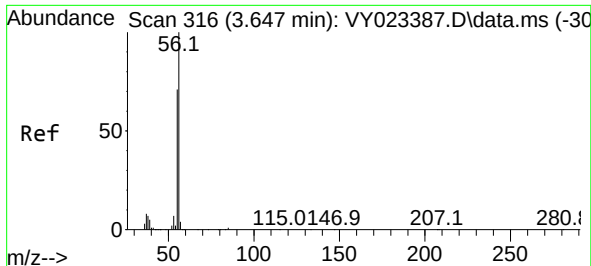
Ion Ratio Lower Upper

96 100

61 141.3 106.7 160.1

98 58.0 50.2 75.4

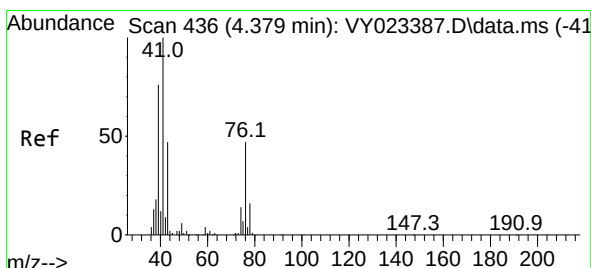
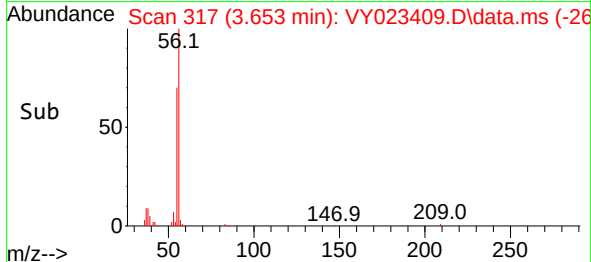
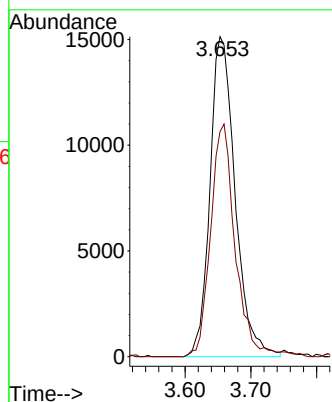
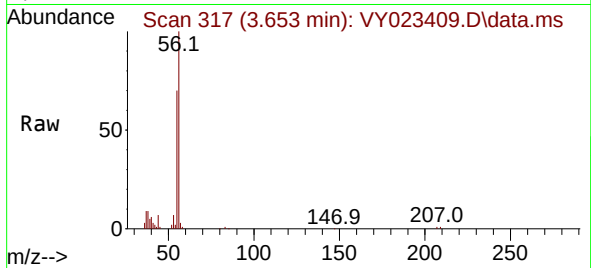




#13
Acrolein
Concen: 81.277 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

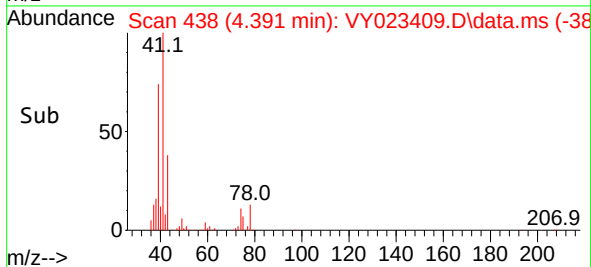
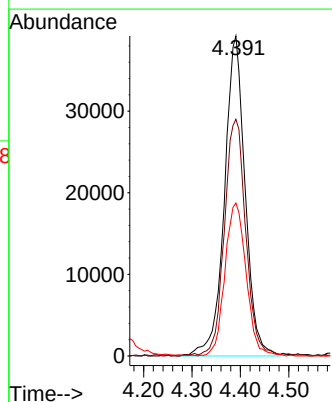
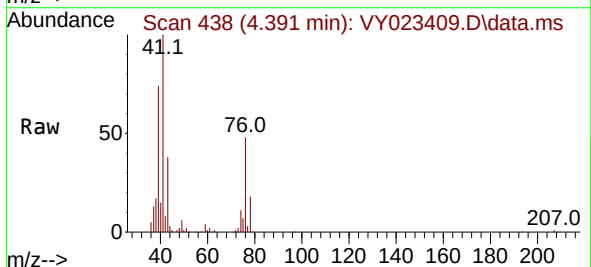
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

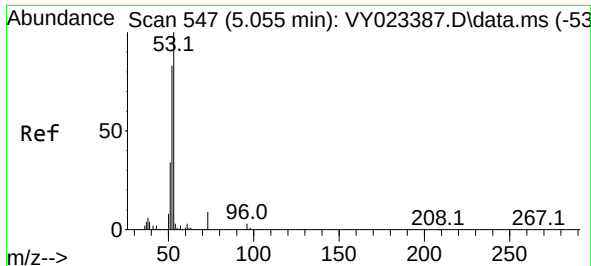
Tgt Ion: 56 Resp: 40278
Ion Ratio Lower Upper
56 100
55 71.3 56.1 84.1



#14
Allyl chloride
Concen: 18.994 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 41 Resp: 116410
Ion Ratio Lower Upper
41 100
39 76.8 59.9 89.9
76 49.1 38.0 57.0

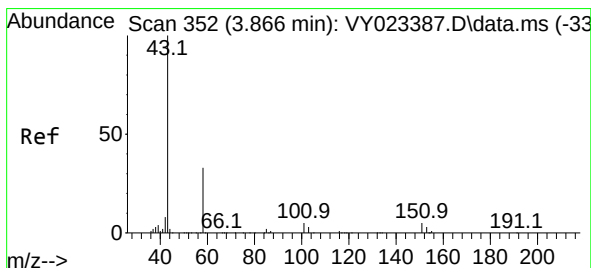
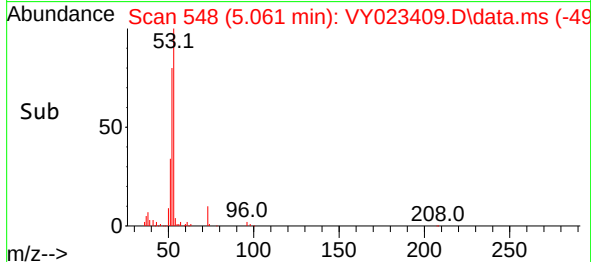
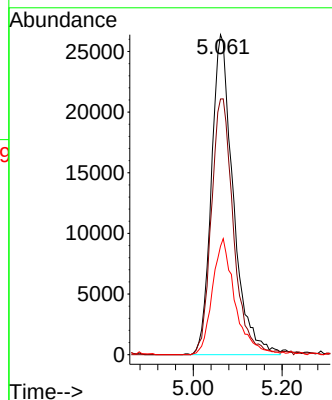
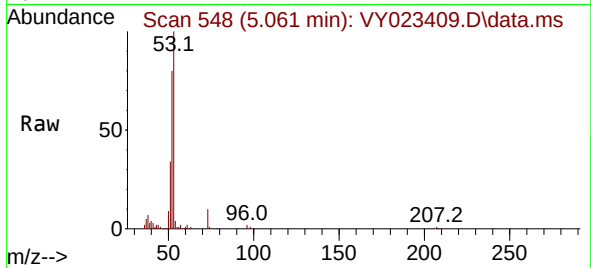




#15
Acrylonitrile
Concen: 90.162 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

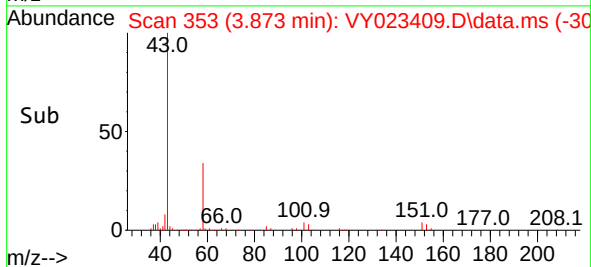
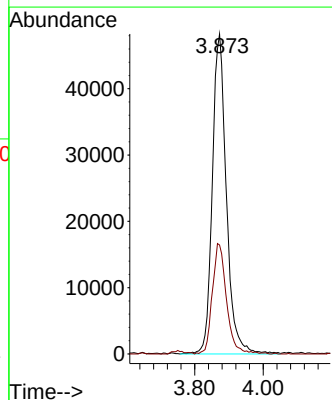
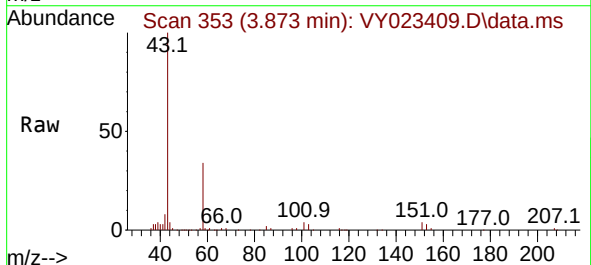
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

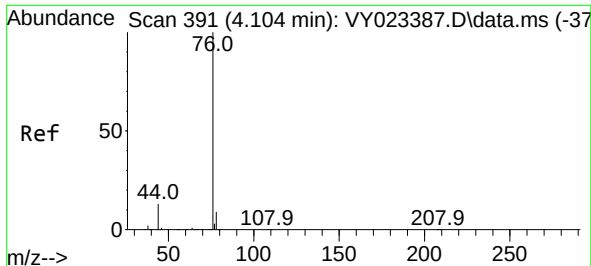
Tgt Ion: 53 Resp: 90136
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 37.7 29.5 44.3



#16
Acetone
Concen: 122.625 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 43 Resp: 137624
Ion Ratio Lower Upper
43 100
58 34.1 27.7 41.5

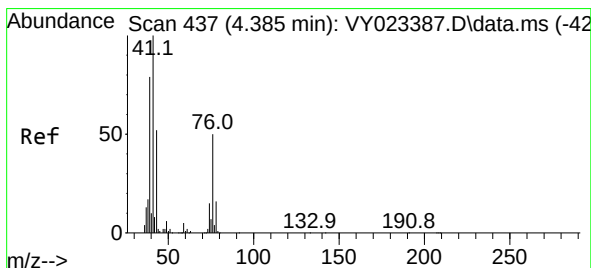
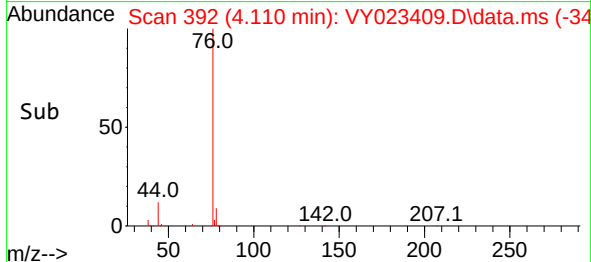
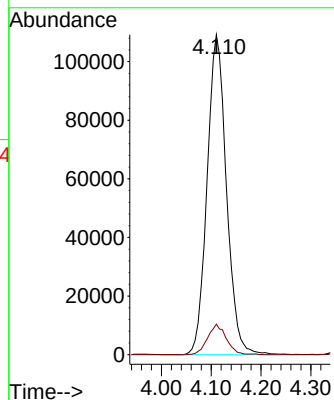
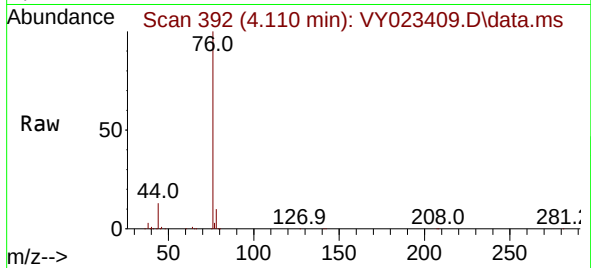




#17
Carbon Disulfide
Concen: 20.463 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

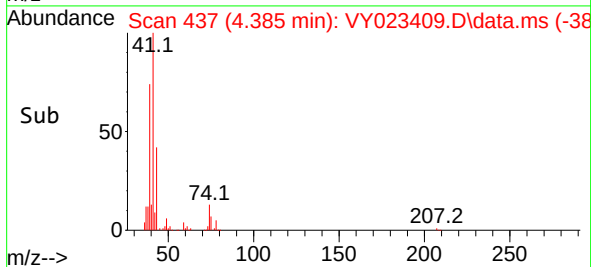
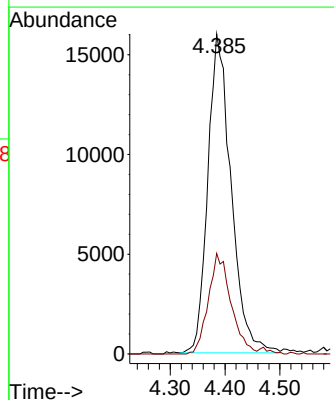
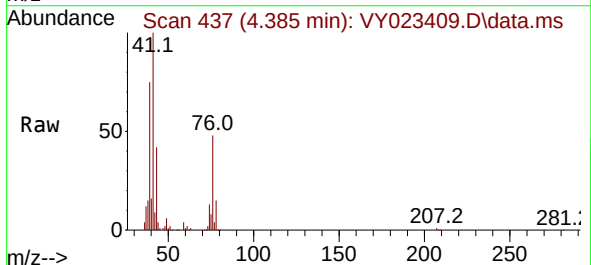
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

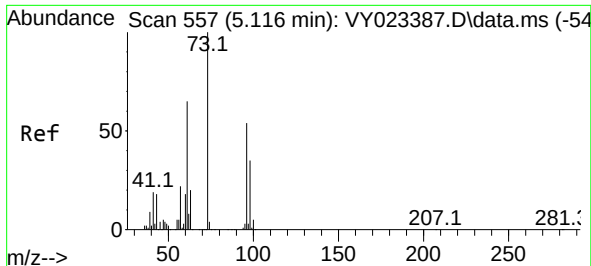
Tgt Ion: 76 Resp: 294532
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 15.968 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 43 Resp: 47012
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4

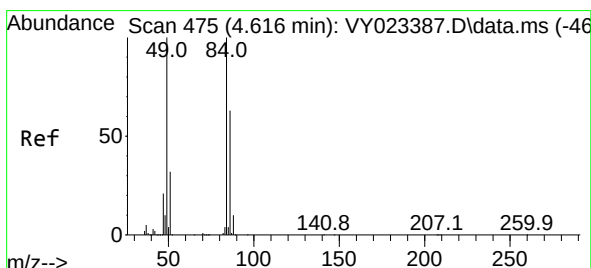
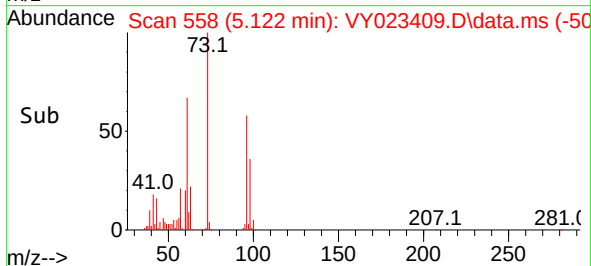
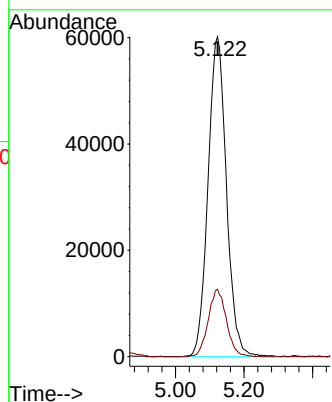
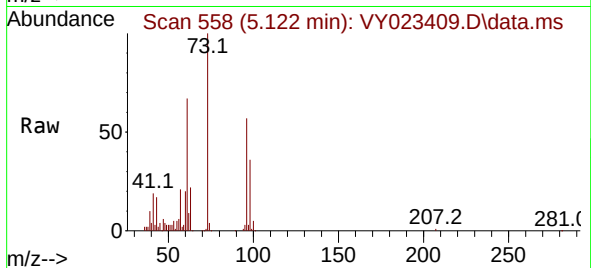




#19
Methyl tert-butyl Ether
Concen: 18.616 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

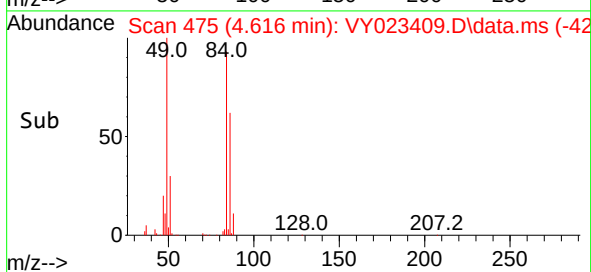
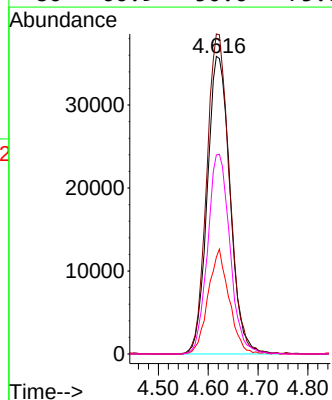
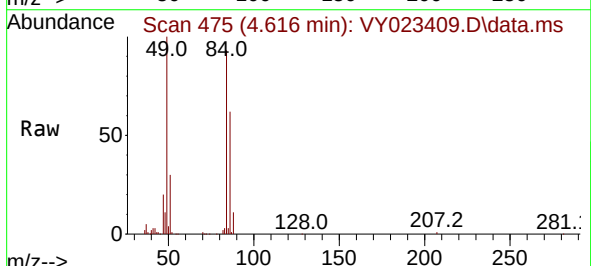
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

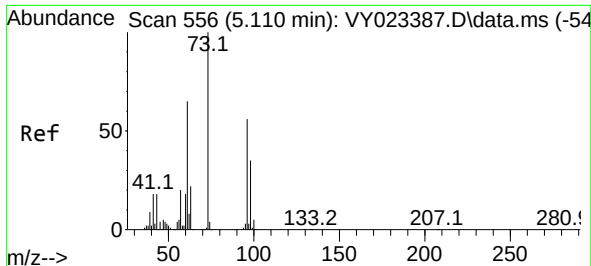
Tgt Ion: 73 Resp: 224998
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 18.779 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 84 Resp: 113968
Ion Ratio Lower Upper
84 100
49 107.5 80.2 120.4
51 32.6 25.9 38.9
86 66.9 50.6 75.8

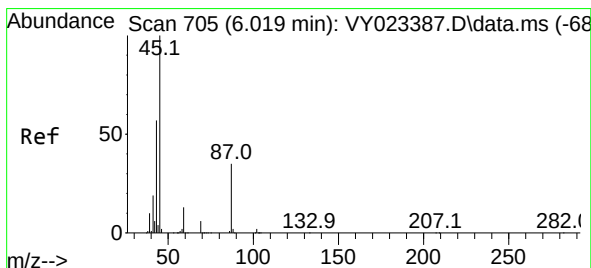
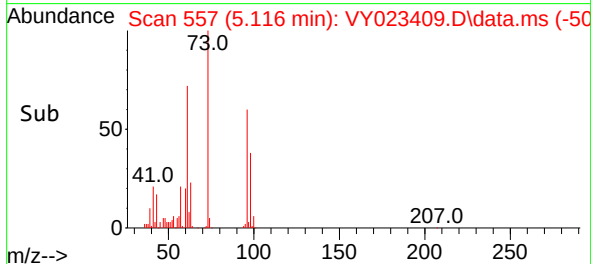
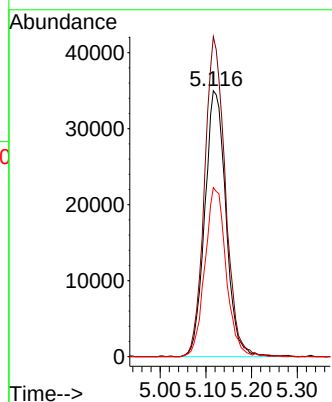
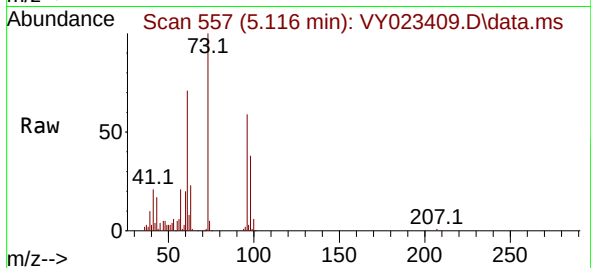




#21
trans-1,2-Dichloroethene
Concen: 20.304 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

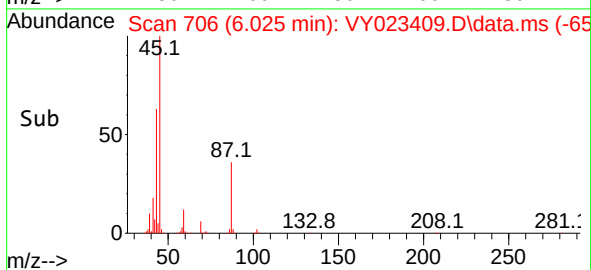
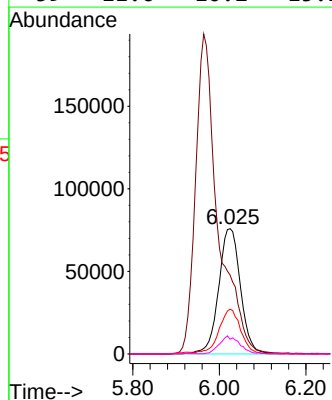
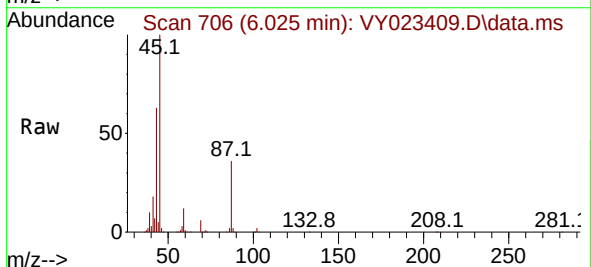
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

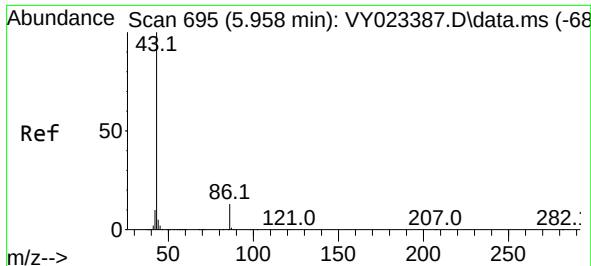
Tgt Ion: 96 Resp: 112414
Ion Ratio Lower Upper
96 100
61 120.3 92.7 139.1
98 63.6 49.7 74.5



#22
Diisopropyl ether
Concen: 19.579 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 45 Resp: 265422
Ion Ratio Lower Upper
45 100
43 62.1 45.6 68.4
87 35.6 28.1 42.1
59 11.6 10.2 15.2

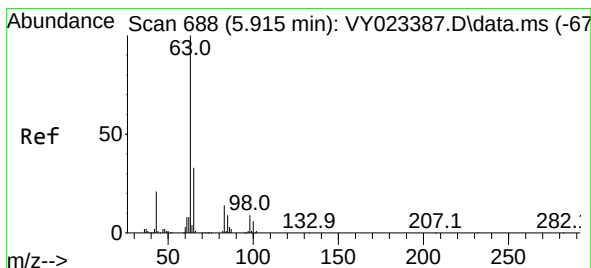
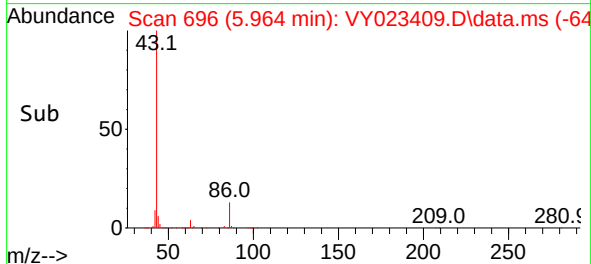
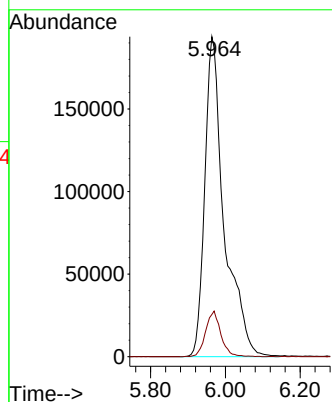
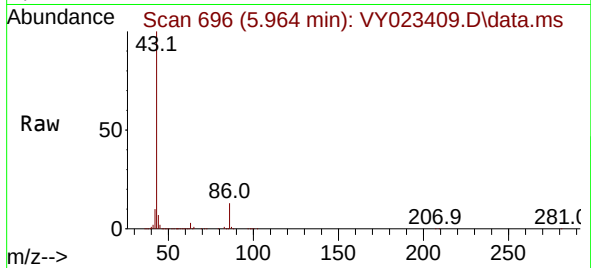




#23
 Vinyl Acetate
 Concen: 95.380 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

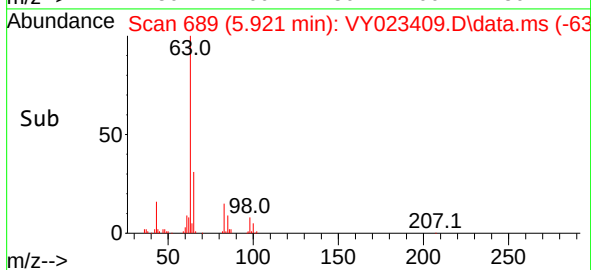
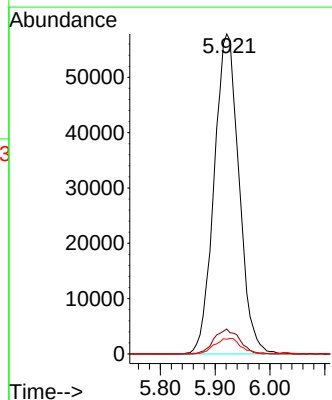
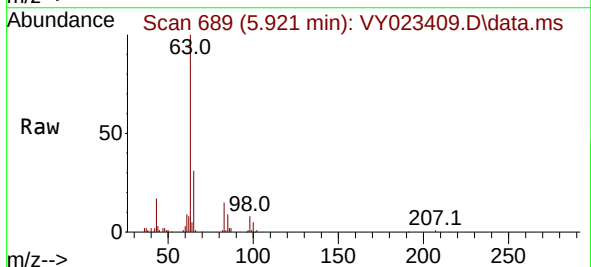
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

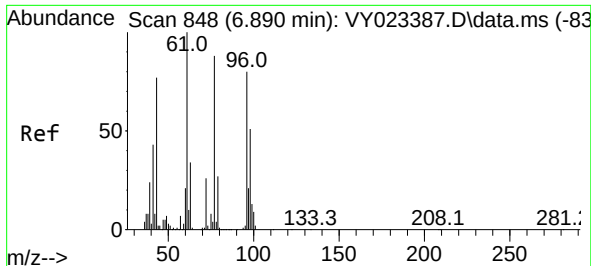
Tgt Ion: 43 Resp: 699897
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.284 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

Tgt Ion: 63 Resp: 182155
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.3 13.1
 100 4.6 2.8 8.4





#25

2-Butanone

Concen: 106.390 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

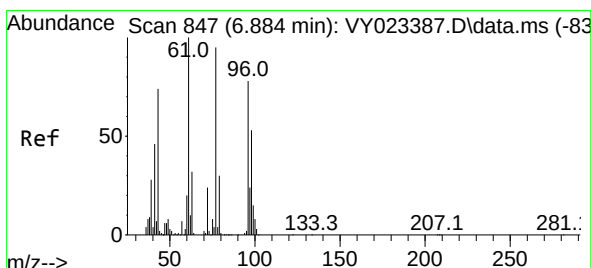
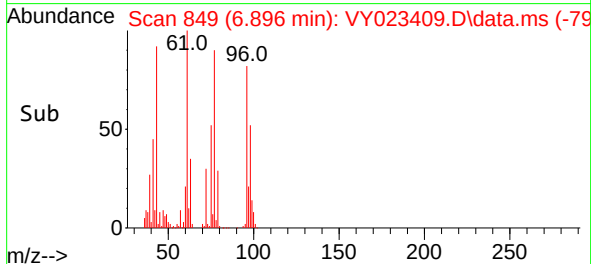
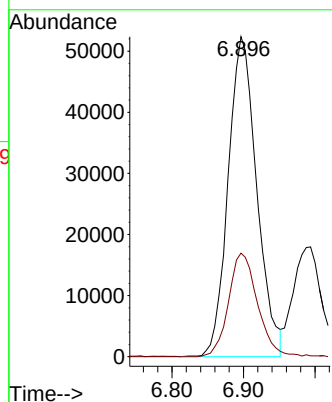
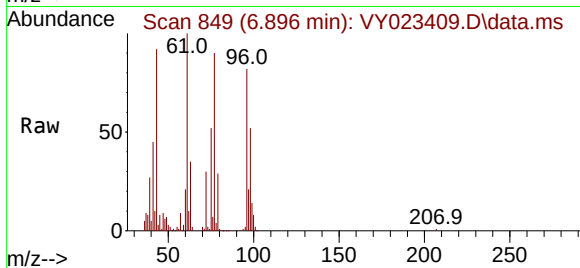
VY1009SBS01

Tgt Ion: 43 Resp: 145773

Ion Ratio Lower Upper

43 100

72 32.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.933 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023409.D

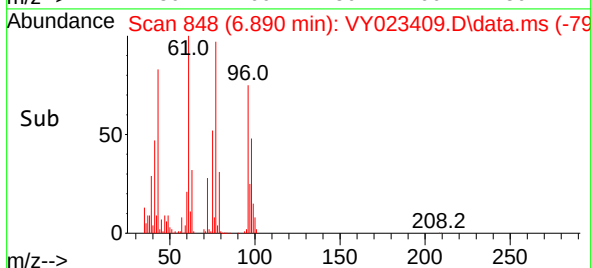
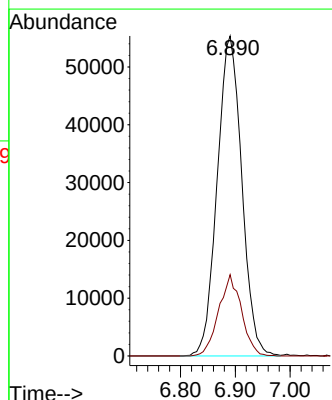
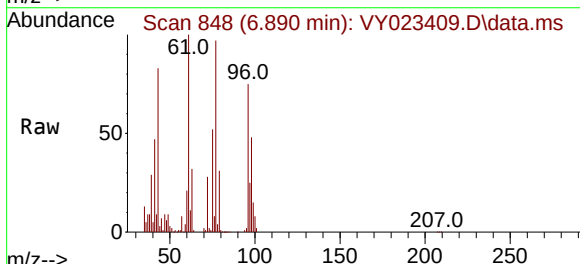
Acq: 09 Oct 2025 09:45

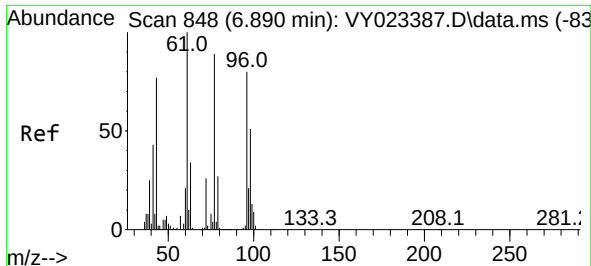
Tgt Ion: 77 Resp: 172493

Ion Ratio Lower Upper

77 100

97 23.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.791 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

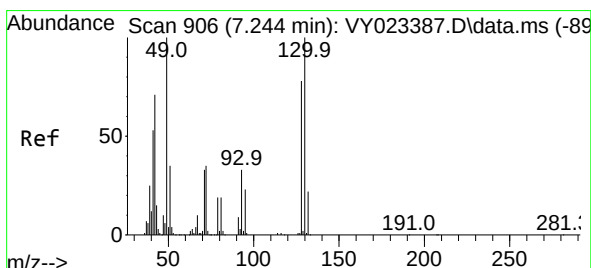
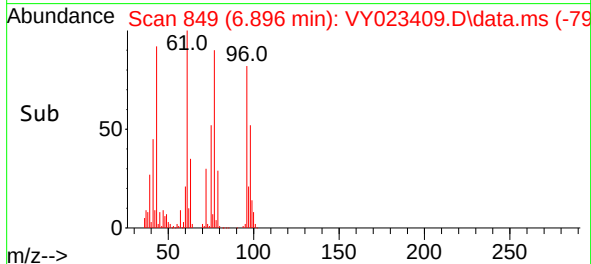
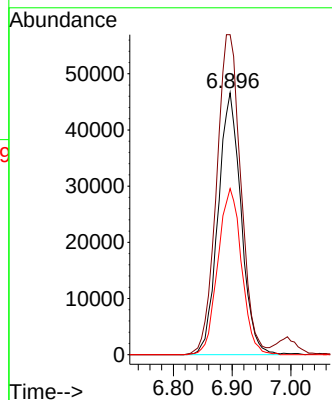
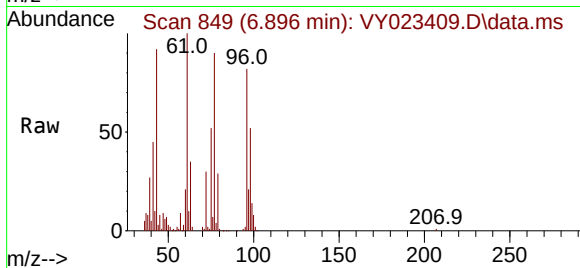
Tgt Ion: 96 Resp: 126574

Ion Ratio Lower Upper

96 100

61 129.8 0.0 258.2

98 65.3 0.0 132.0



#28

Bromochloromethane

Concen: 19.993 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

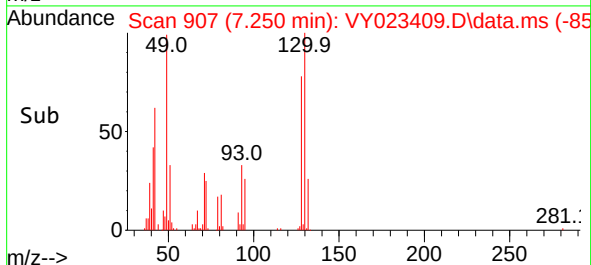
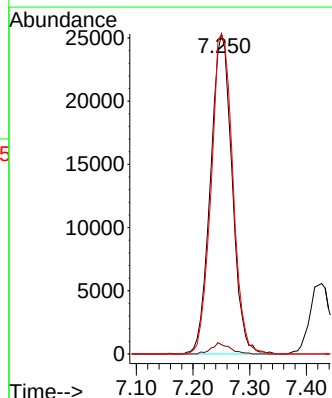
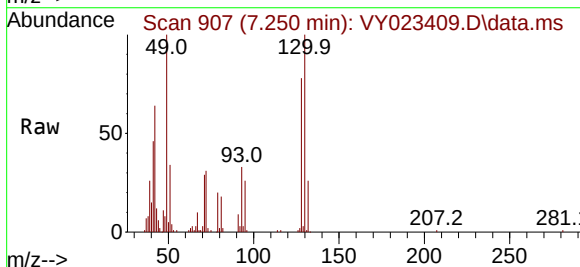
Tgt Ion: 49 Resp: 67024

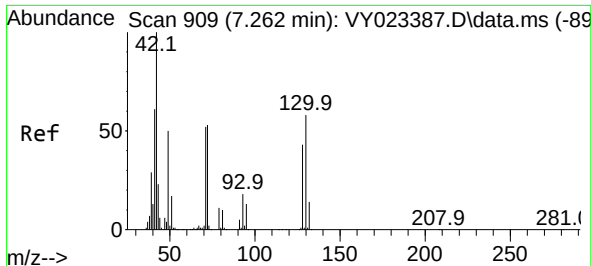
Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

130 100.2 81.9 122.9





#29

Tetrahydrofuran

Concen: 87.306 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

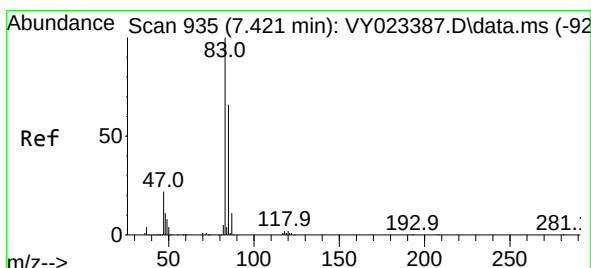
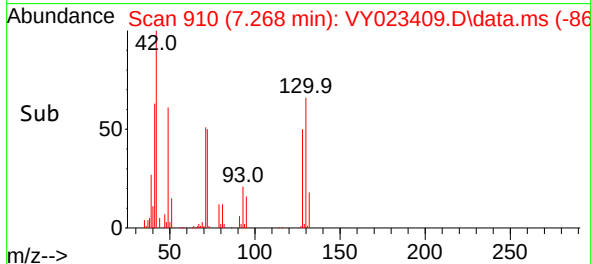
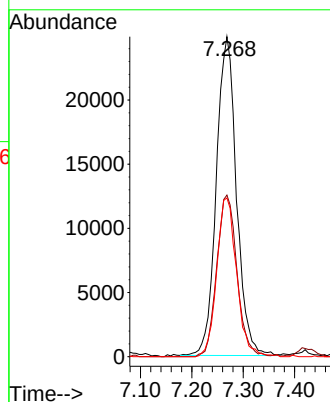
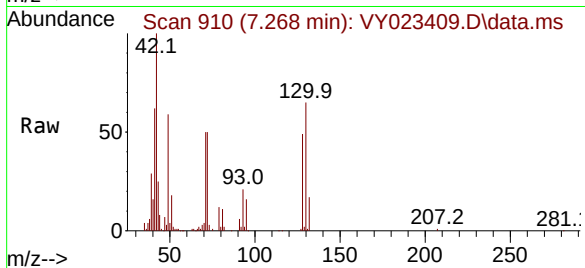
Tgt Ion: 42 Resp: 67835

Ion Ratio Lower Upper

42 100

72 50.7 43.0 64.6

71 48.9 40.1 60.1



#30

Chloroform

Concen: 20.207 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023409.D

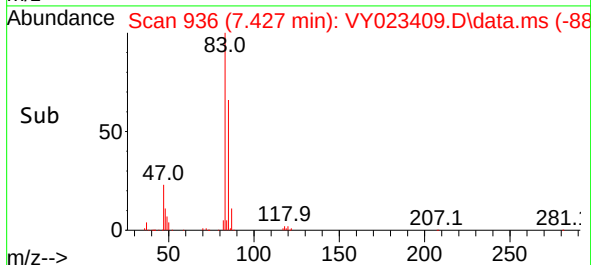
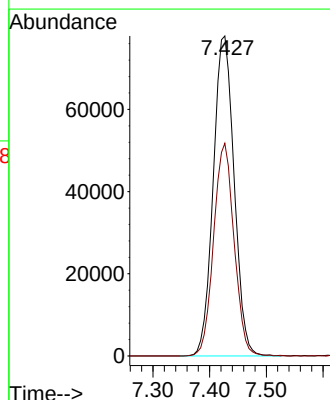
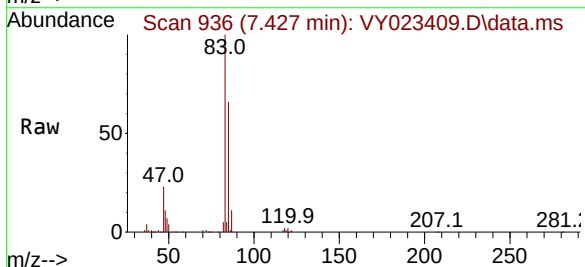
Acq: 09 Oct 2025 09:45

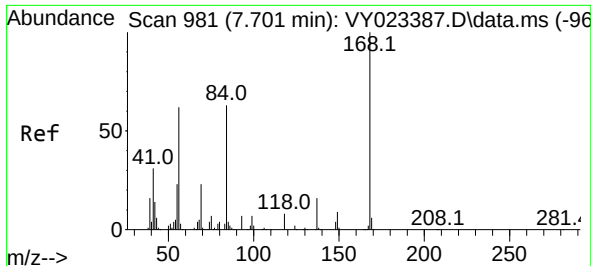
Tgt Ion: 83 Resp: 199370

Ion Ratio Lower Upper

83 100

85 66.5 52.5 78.7

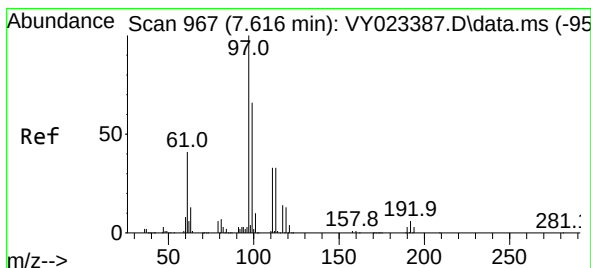
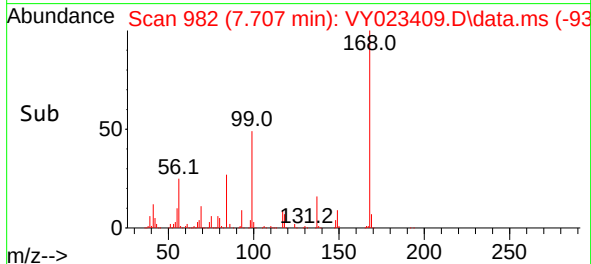
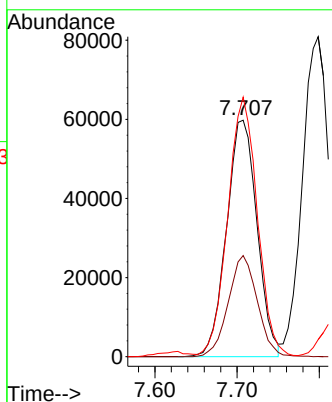
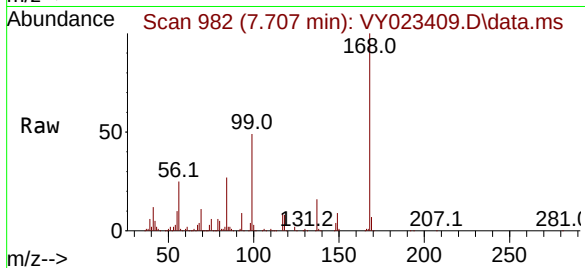




#31
Cyclohexane
Concen: 19.656 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

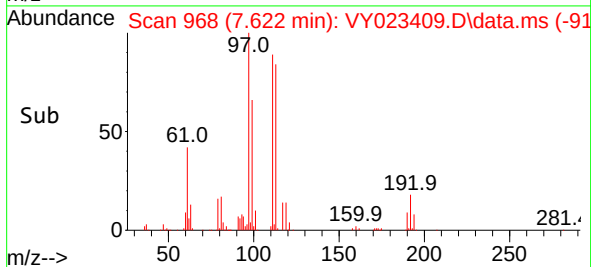
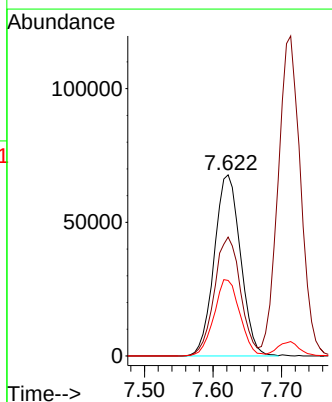
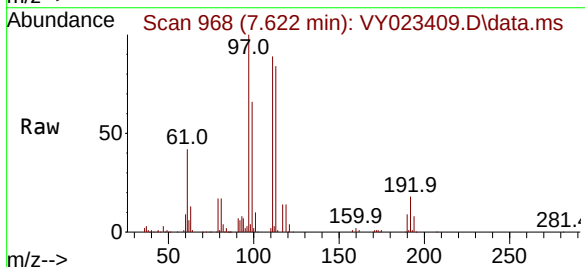
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

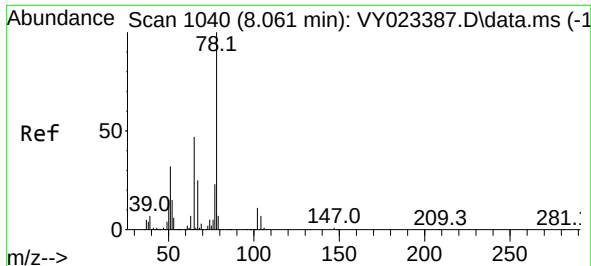
Tgt Ion: 56 Resp: 154146
Ion Ratio Lower Upper
56 100
69 42.8 30.0 45.0
84 107.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 20.109 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 97 Resp: 180303
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 41.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 45.791 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

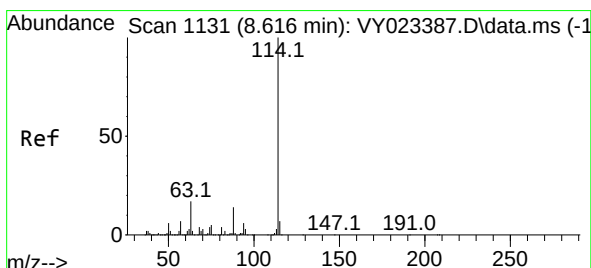
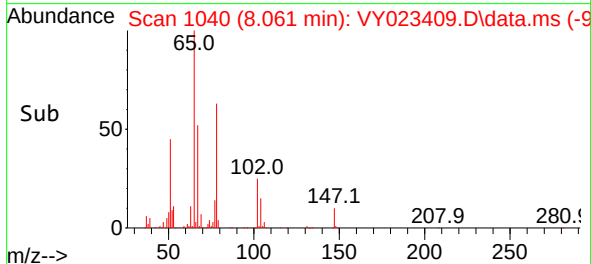
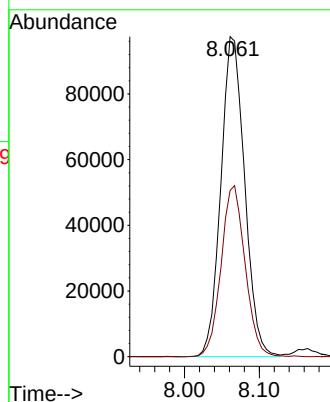
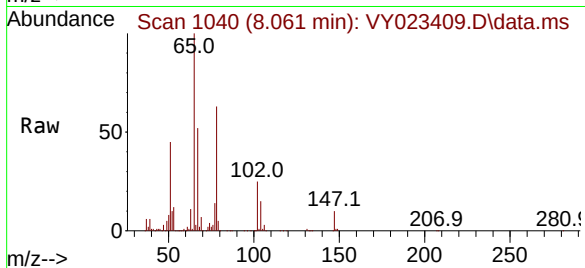
VY1009SBS01

Tgt Ion: 65 Resp: 215871

Ion Ratio Lower Upper

65 100

67 54.0 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: VY023409.D

Acq: 09 Oct 2025 09:45

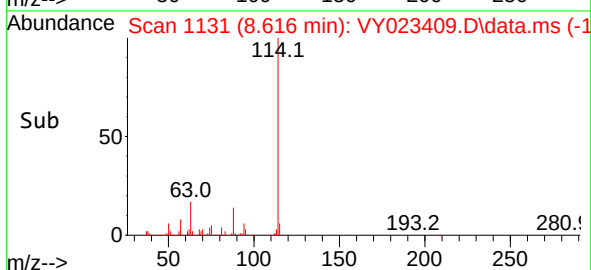
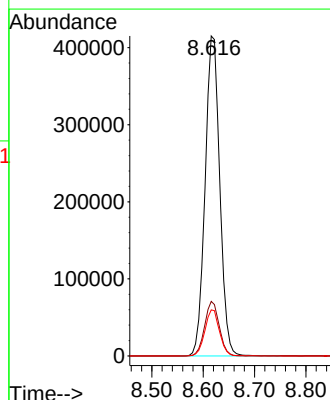
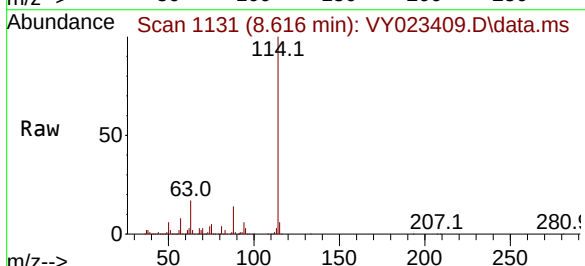
Tgt Ion: 114 Resp: 821828

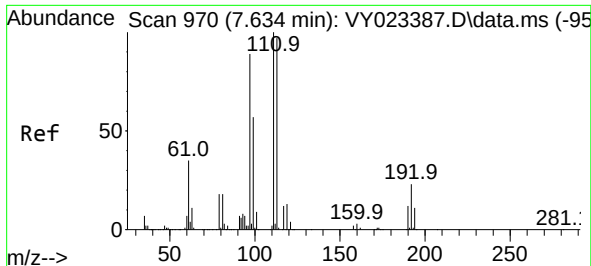
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.4 0.0 28.4

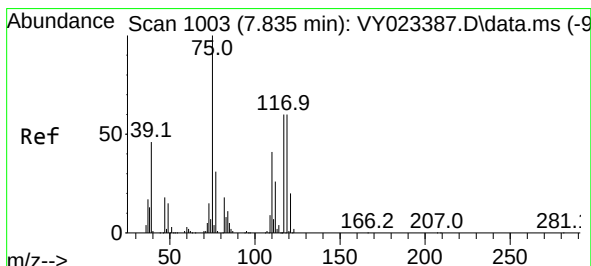
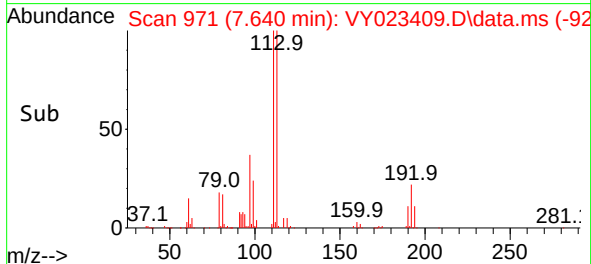
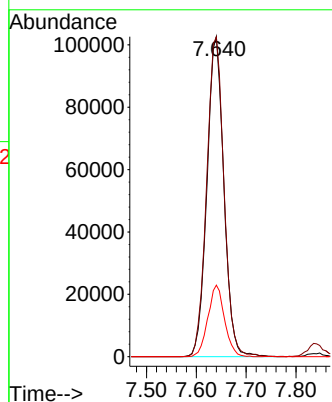
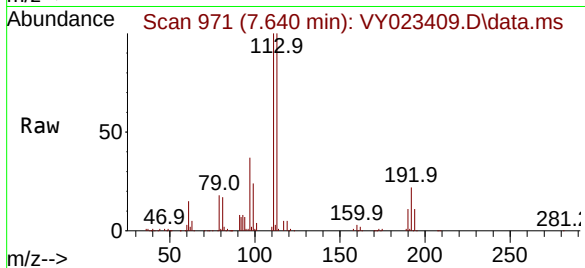




#35
Dibromofluoromethane
Concen: 47.875 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

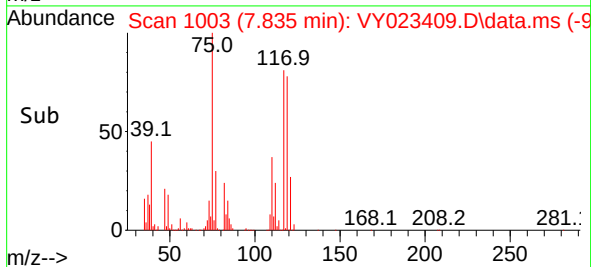
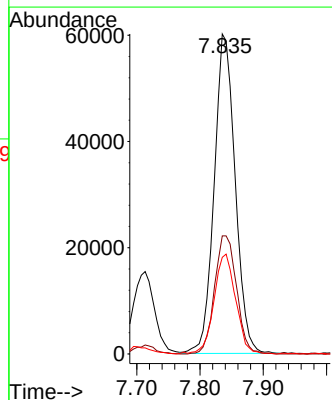
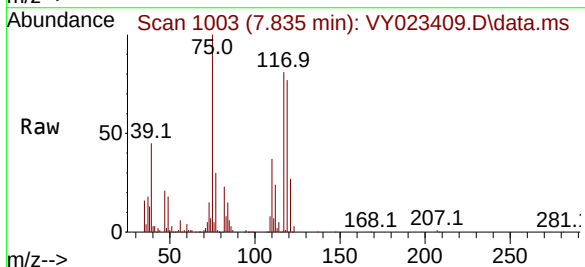
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

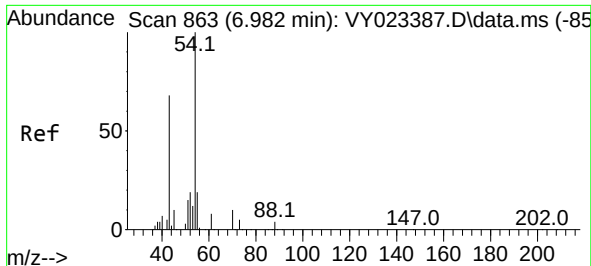
Tgt Ion:113 Resp: 241758
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 20.730 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 75 Resp: 138589
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.7
77 32.4 25.0 37.6

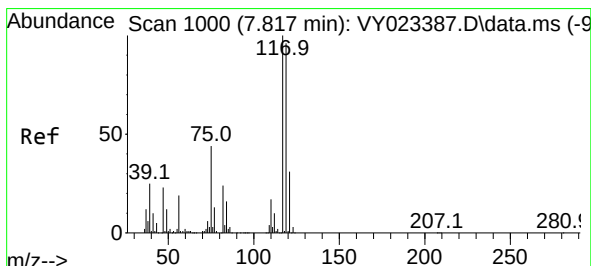
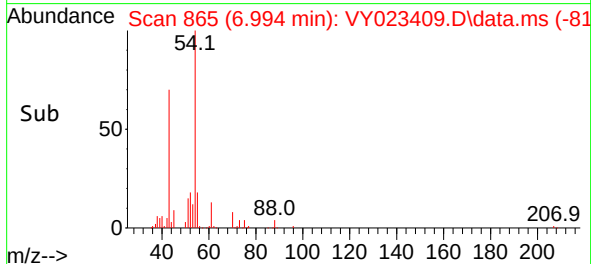
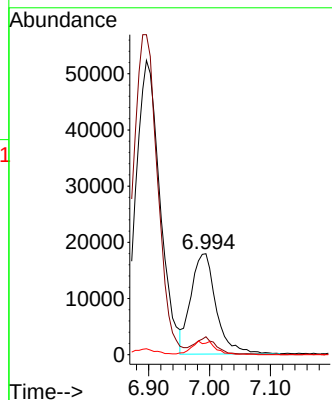
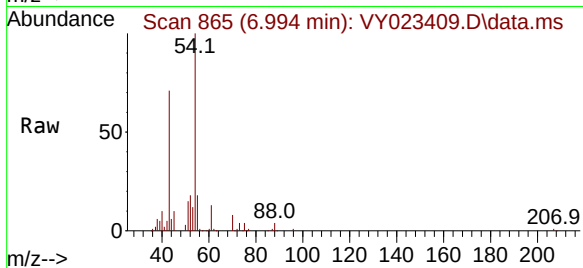




#37
Ethyl Acetate
Concen: 19.403 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

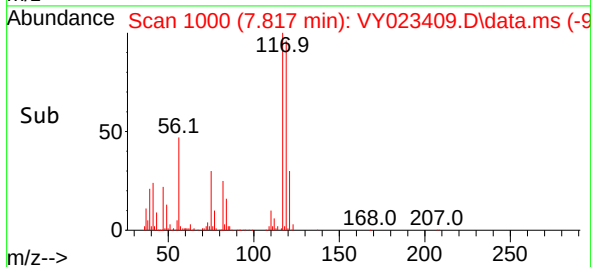
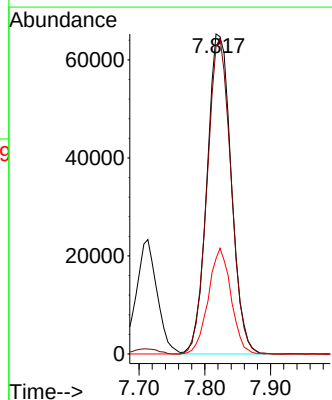
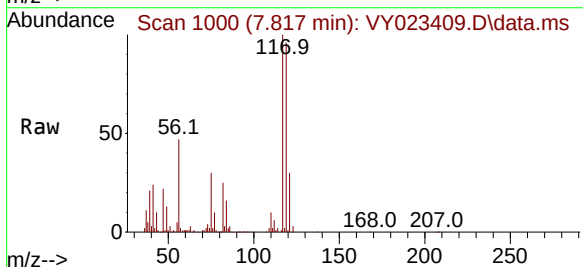
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

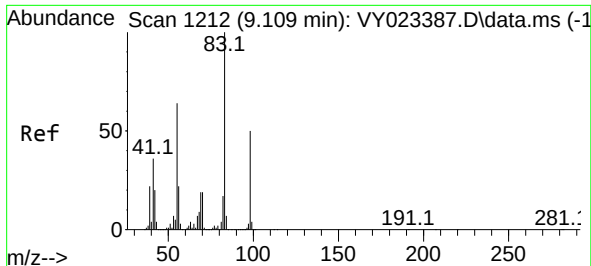
Tgt Ion: 43 Resp: 51391
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.8
70 12.5 10.5 15.7



#38
Carbon Tetrachloride
Concen: 20.621 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 117 Resp: 167157
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 20.060 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

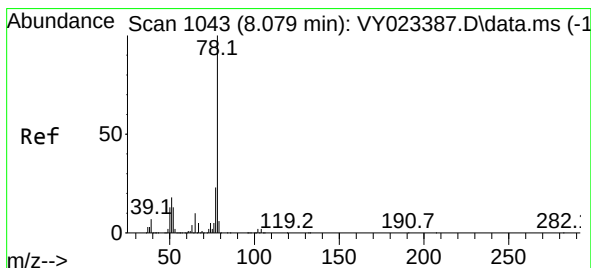
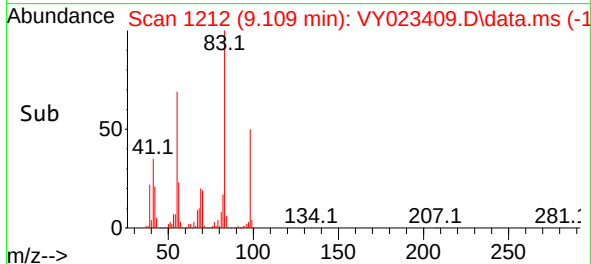
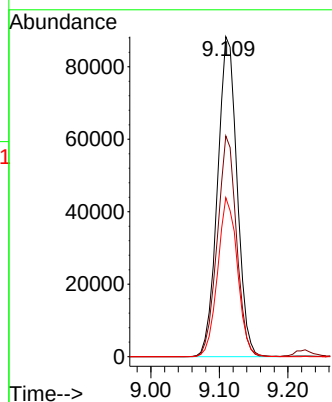
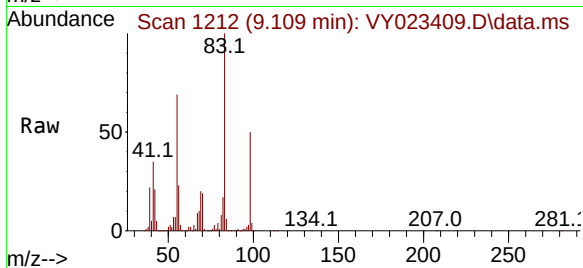
Tgt Ion: 83 Resp: 174614

Ion Ratio Lower Upper

83 100

55 69.0 51.4 77.2

98 49.7 40.4 60.6



#40

Benzene

Concen: 20.779 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023409.D

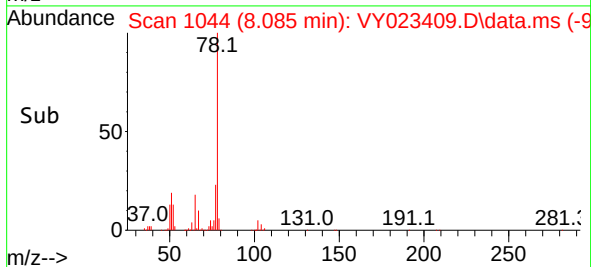
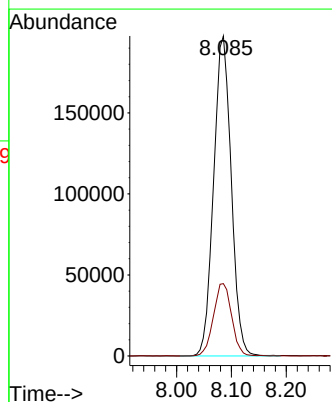
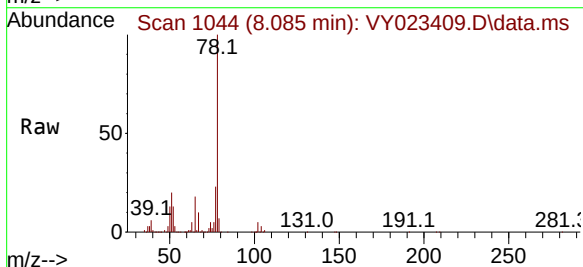
Acq: 09 Oct 2025 09:45

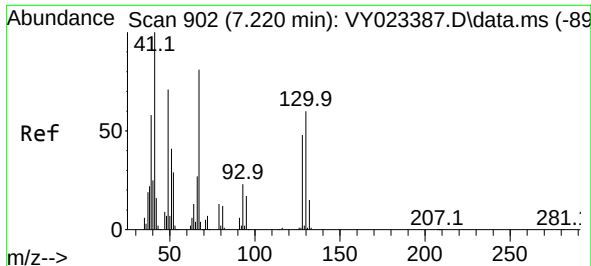
Tgt Ion: 78 Resp: 439932

Ion Ratio Lower Upper

78 100

77 22.6 18.3 27.5

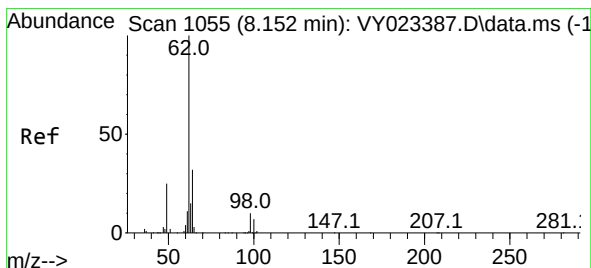
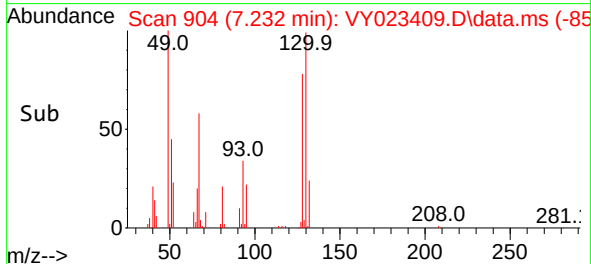
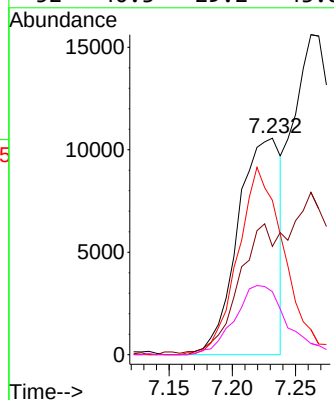
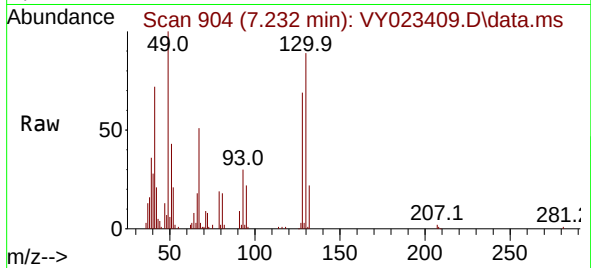




#41
Methacrylonitrile
Concen: 17.398 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

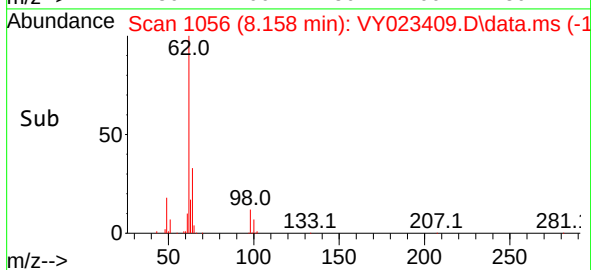
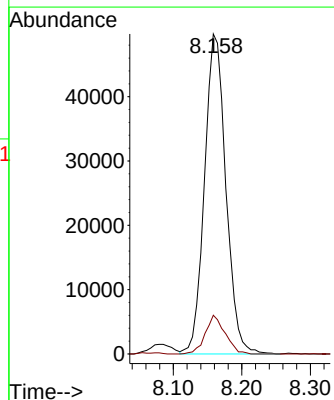
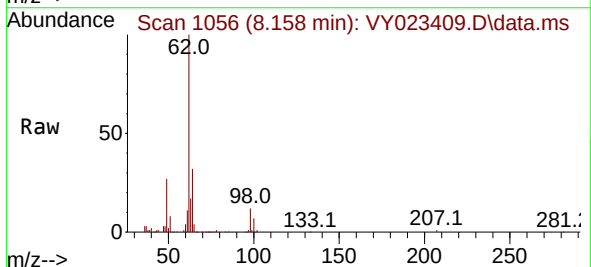
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

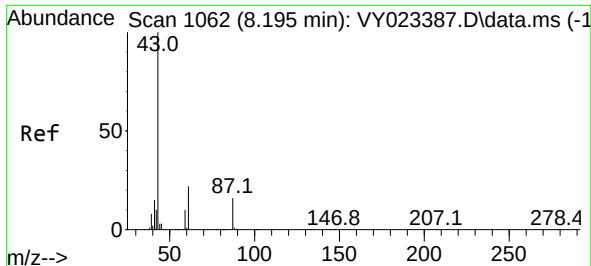
Tgt Ion: 41 Resp: 24922
Ion Ratio Lower Upper
41 100
39 47.4 52.2 78.4#
67 95.3 74.9 112.3
52 40.3 29.2 43.8



#42
1,2-Dichloroethane
Concen: 19.817 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 62 Resp: 108207
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.6

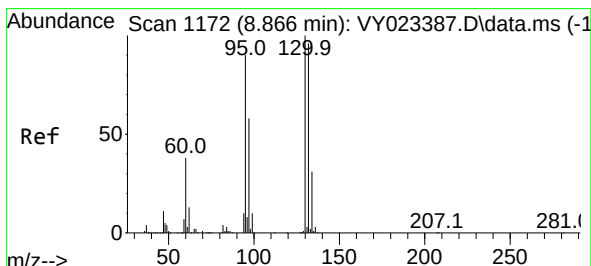
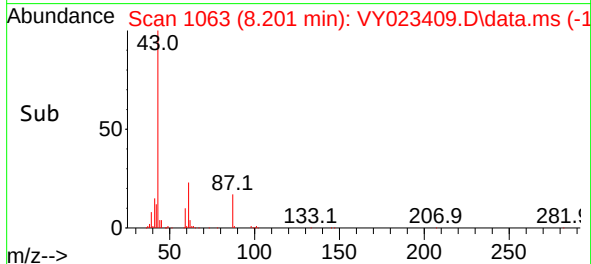
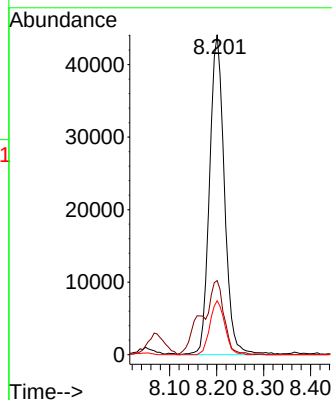
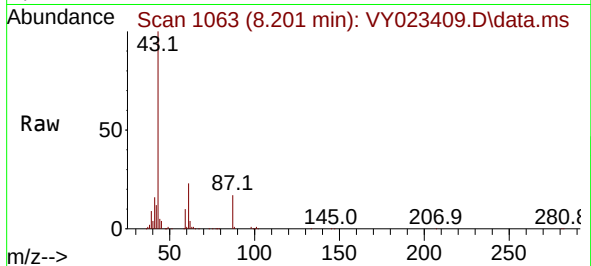




#43
Isopropyl Acetate
Concen: 18.274 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

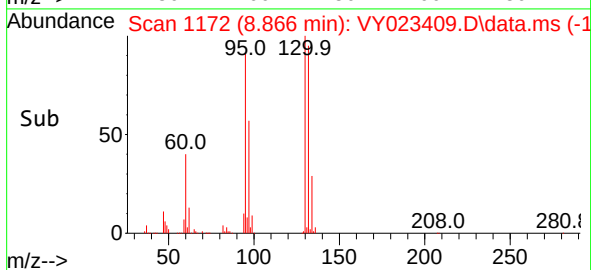
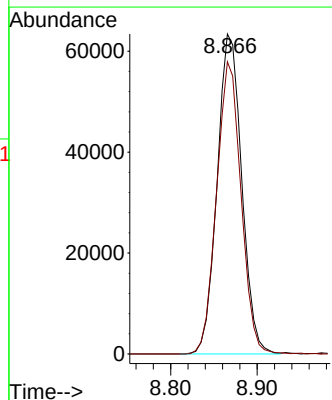
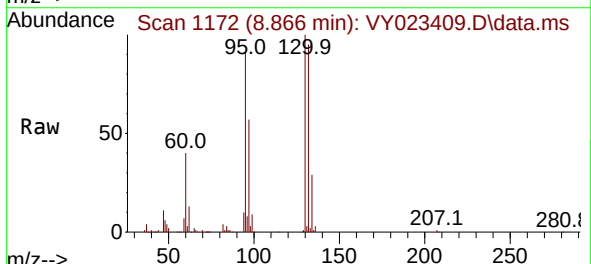
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

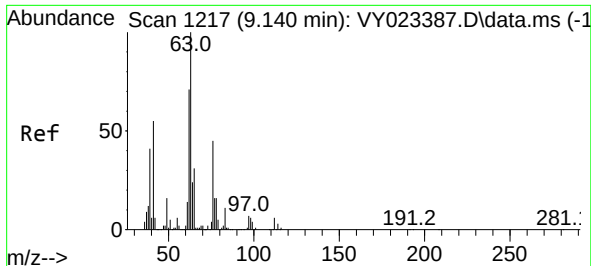
Tgt Ion: 43 Resp: 96508
Ion Ratio Lower Upper
43 100
61 22.3 18.1 27.1
87 16.8 13.5 20.3



#44
Trichloroethene
Concen: 20.173 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:130 Resp: 125009
Ion Ratio Lower Upper
130 100
95 91.3 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.582 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

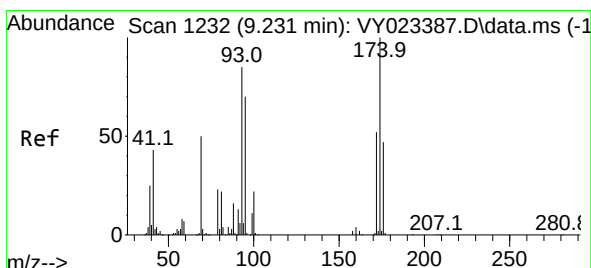
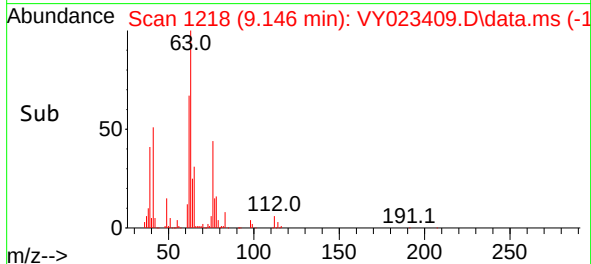
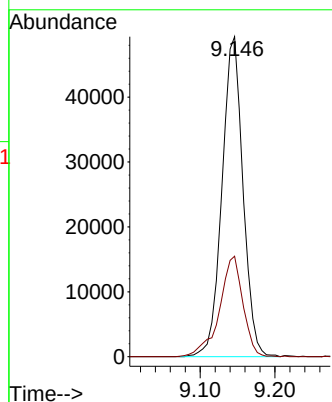
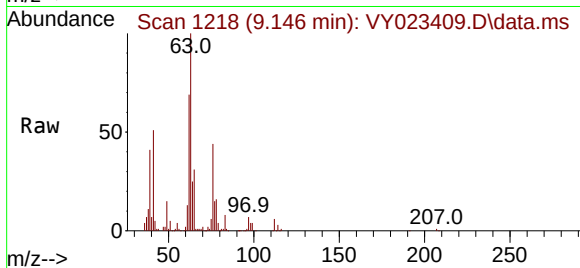
VY1009SBS01

Tgt Ion: 63 Resp: 96247

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 19.746 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

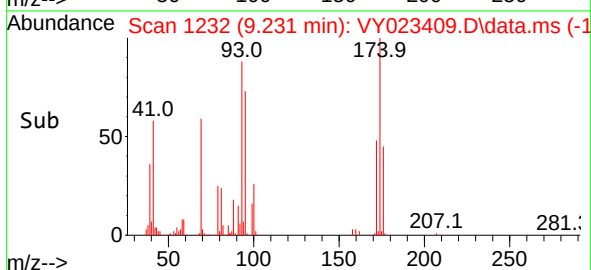
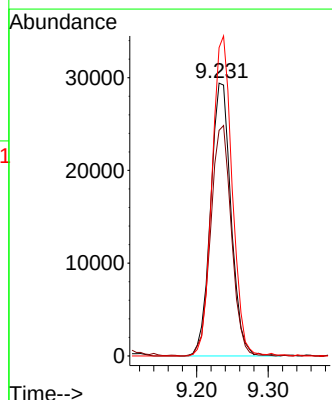
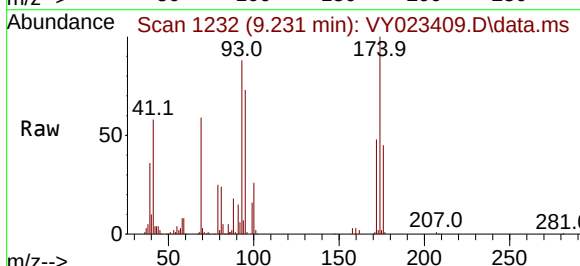
Tgt Ion: 93 Resp: 58388

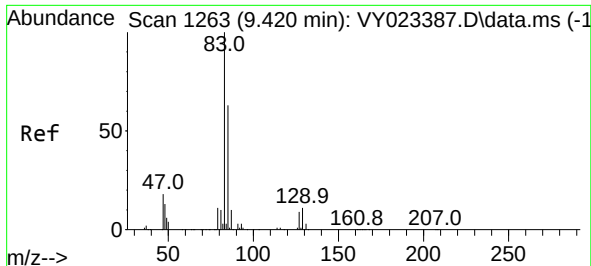
Ion Ratio Lower Upper

93 100

95 85.4 65.4 98.0

174 115.1 92.9 139.3

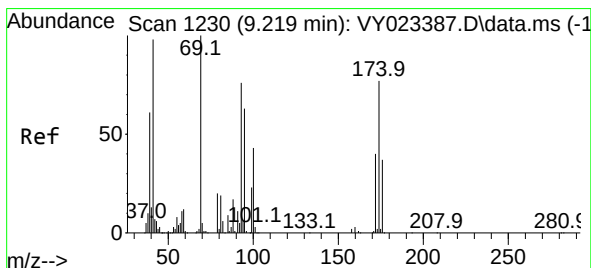
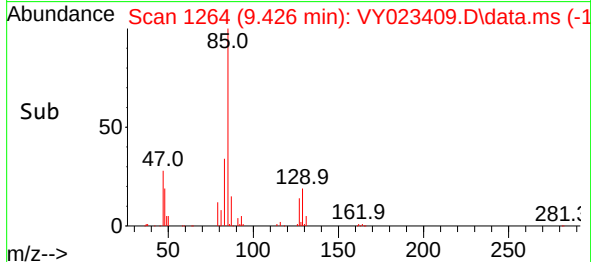
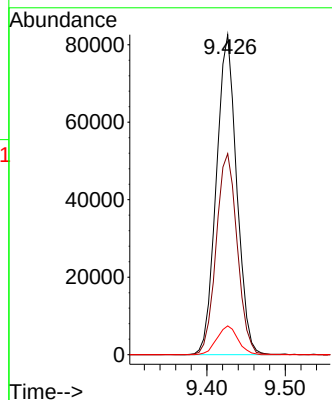
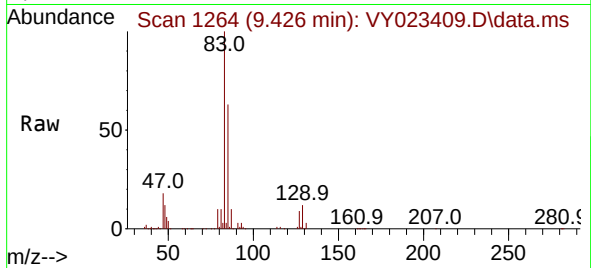




#47
Bromodichloromethane
Concen: 20.033 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

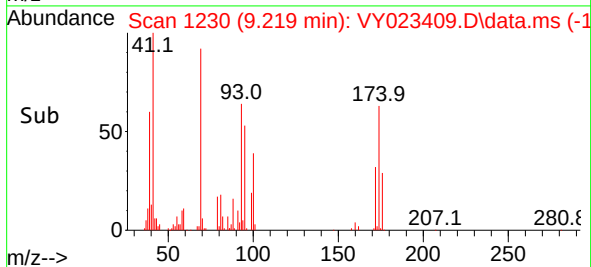
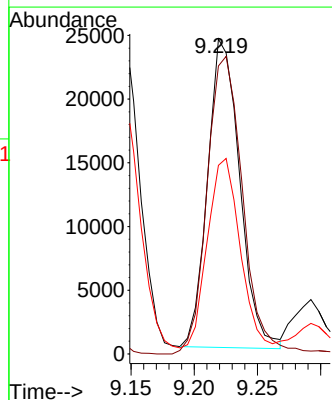
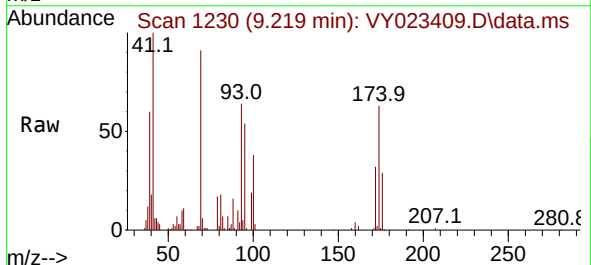
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

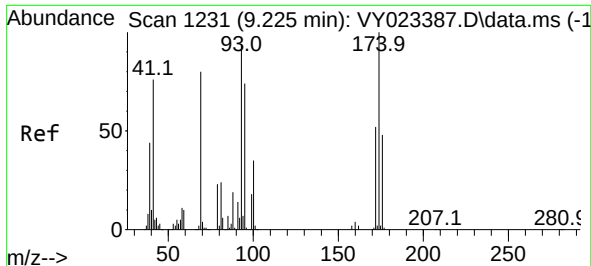
Tgt Ion: 83 Resp: 149191
Ion Ratio Lower Upper
83 100
85 62.8 50.8 76.2
127 9.0 7.4 11.2



#48
Methyl methacrylate
Concen: 17.242 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 41 Resp: 42780
Ion Ratio Lower Upper
41 100
69 107.7 81.0 121.4
39 62.4 48.2 72.4





#49

1,4-Dioxane

Concen: 357.190 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

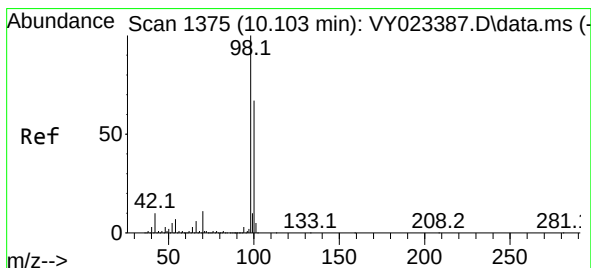
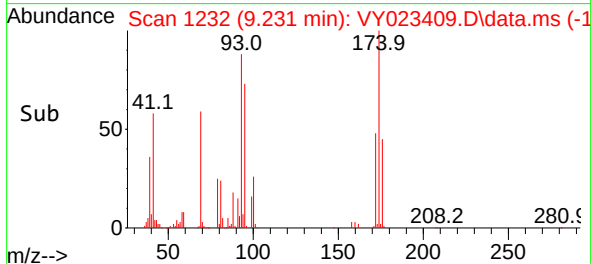
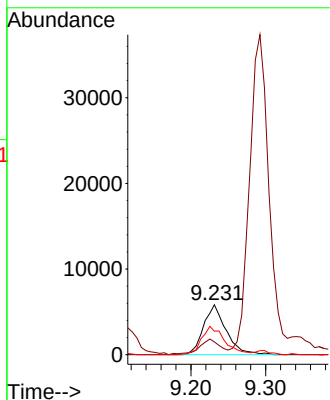
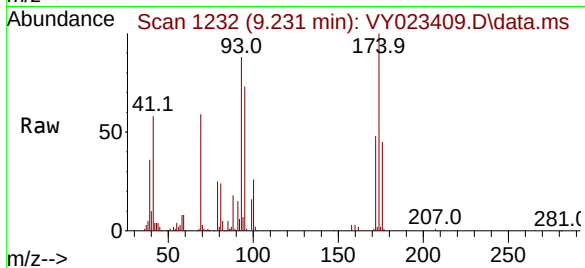
Tgt Ion: 88 Resp: 12246

Ion Ratio Lower Upper

88 100

43 28.8 21.8 32.8

58 58.1 46.8 70.2



#50

Toluene-d8

Concen: 47.870 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023409.D

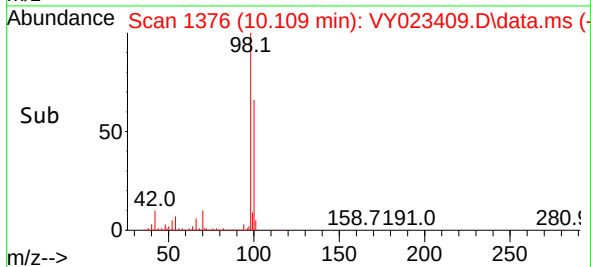
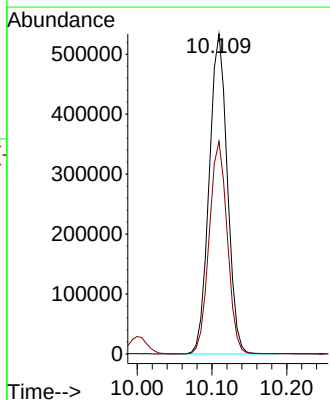
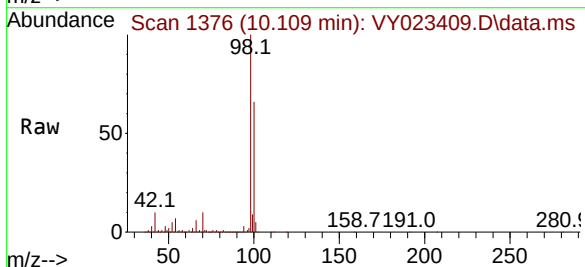
Acq: 09 Oct 2025 09:45

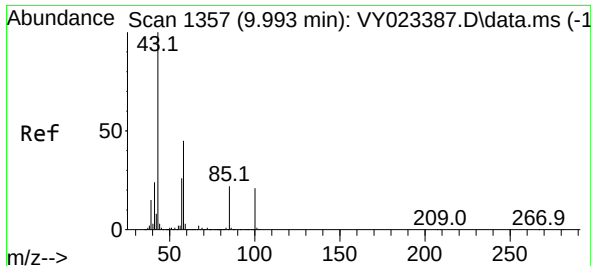
Tgt Ion: 98 Resp: 900230

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

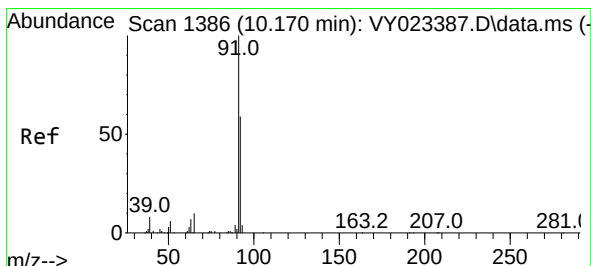
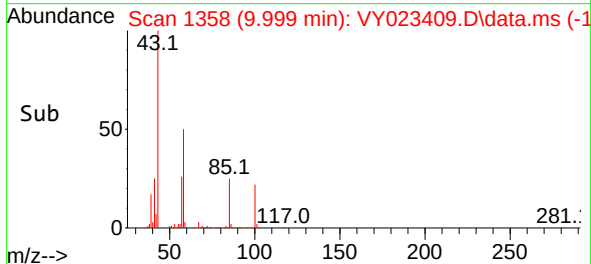
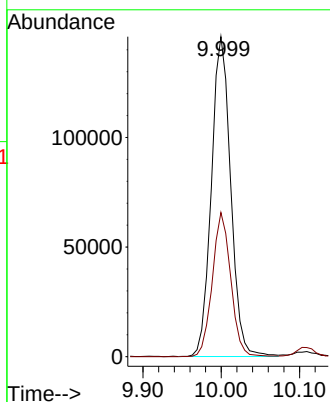
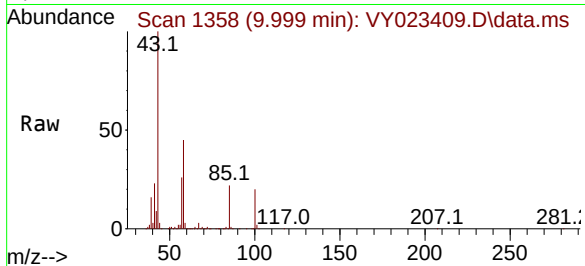




#51
4-Methyl-2-Pentanone
Concen: 91.743 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

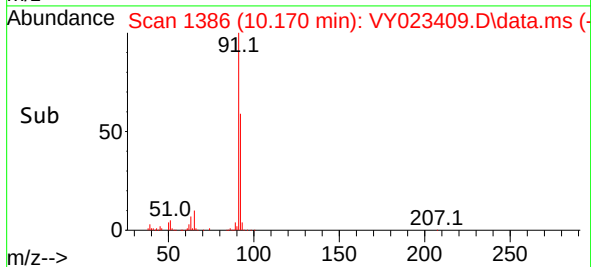
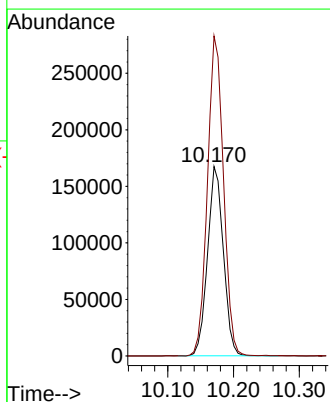
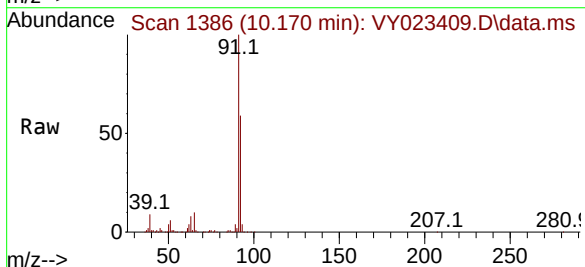
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

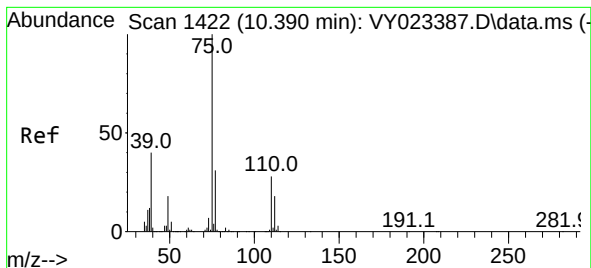
Tgt Ion: 43 Resp: 250333
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9



#52
Toluene
Concen: 20.376 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 92 Resp: 280105
Ion Ratio Lower Upper
92 100
91 171.4 136.4 204.6

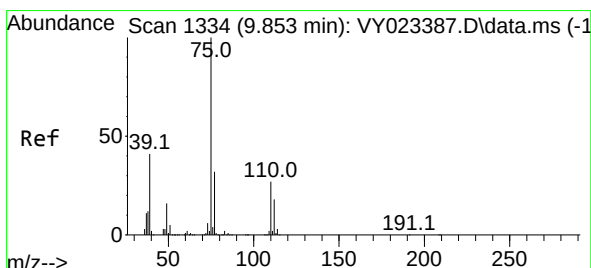
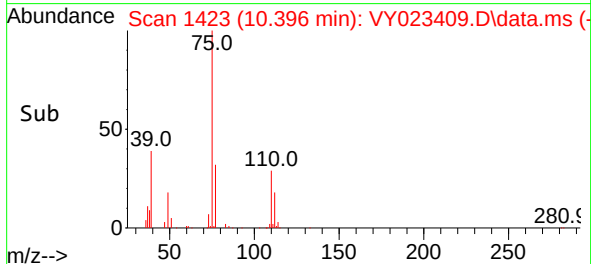
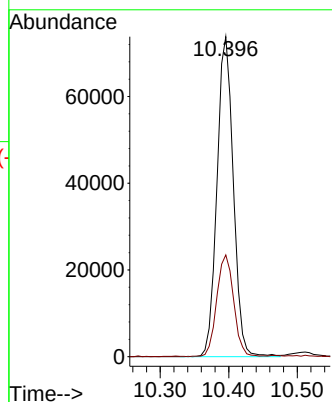
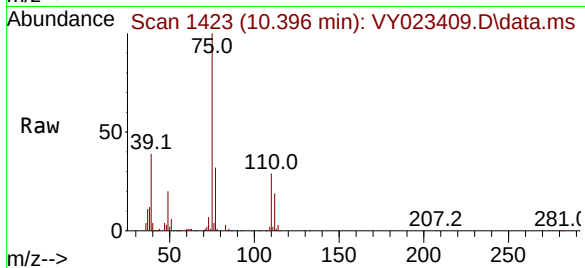




#53
t-1,3-Dichloropropene
Concen: 18.844 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

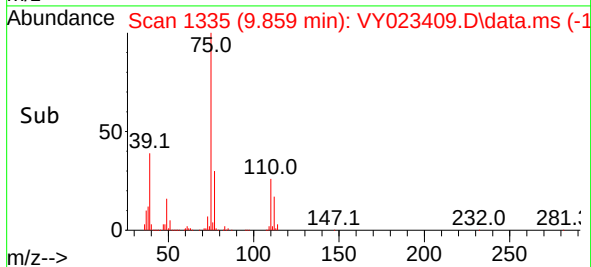
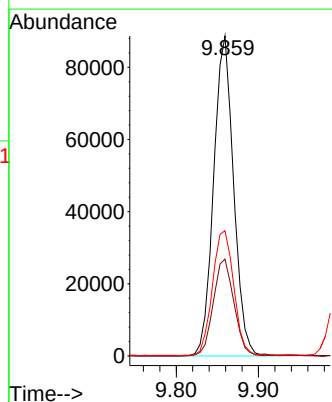
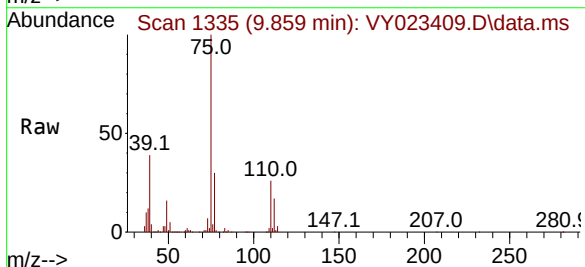
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

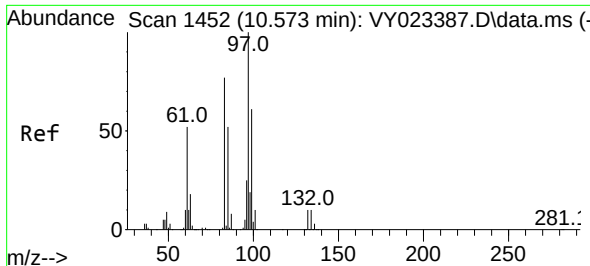
Tgt Ion: 75 Resp: 122023
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.607 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 75 Resp: 149849
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0
39 39.0 32.8 49.2

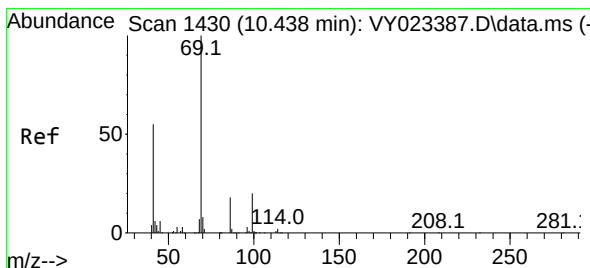
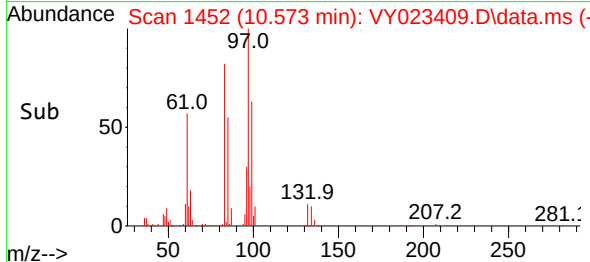
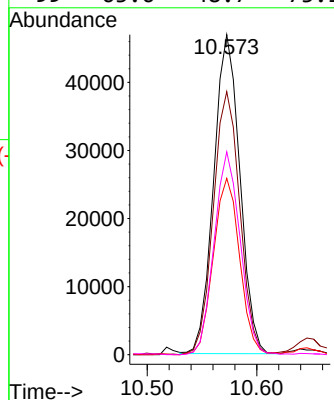
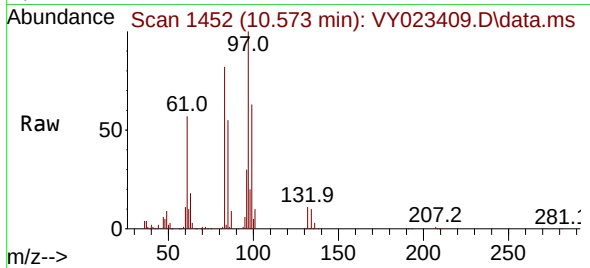




#55
1,1,2-Trichloroethane
Concen: 19.541 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

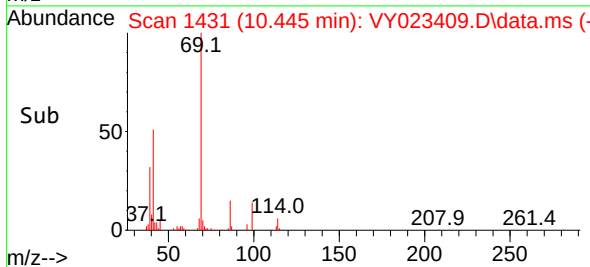
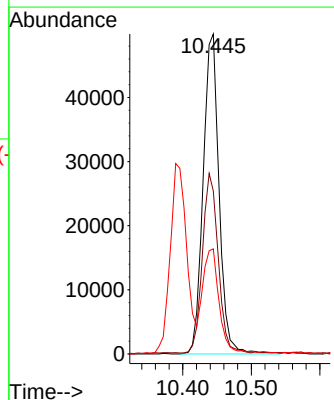
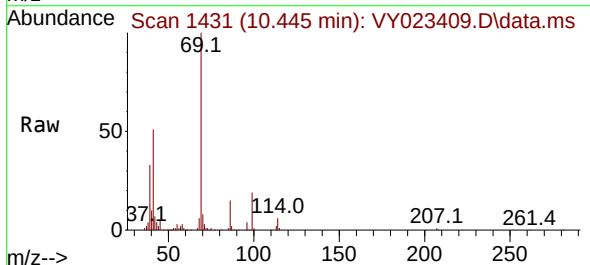
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

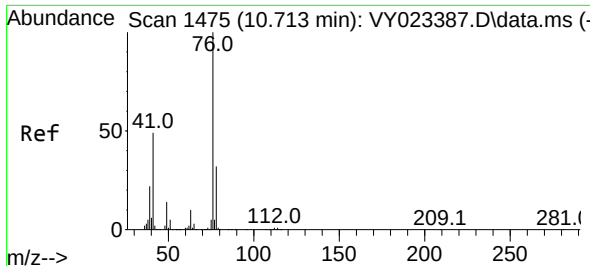
Tgt Ion: 97	Resp: 77705
Ion Ratio	Lower Upper
97 100	
83 82.5	61.8 92.6
85 55.3	41.3 61.9
99 63.6	48.7 73.1



#56
Ethyl methacrylate
Concen: 17.609 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 69	Resp: 80772
Ion Ratio	Lower Upper
69 100	
41 55.4	44.6 67.0
39 33.0	27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.631 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

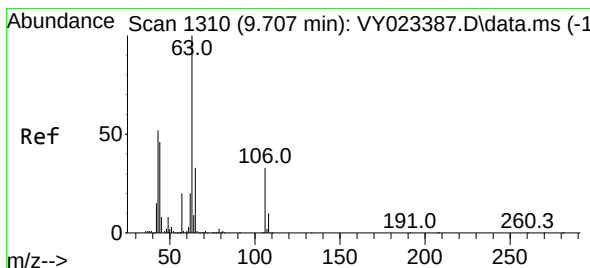
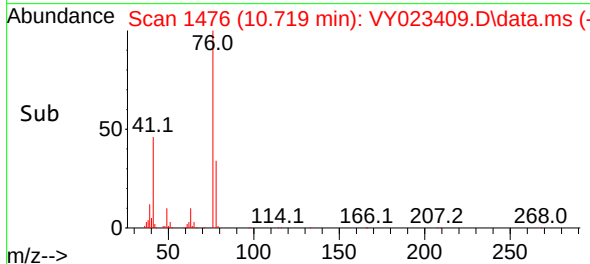
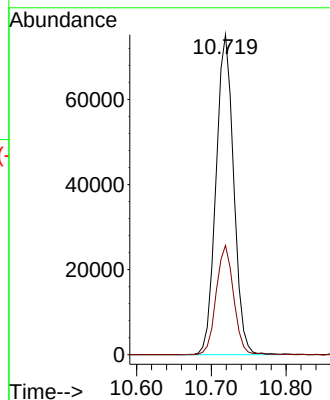
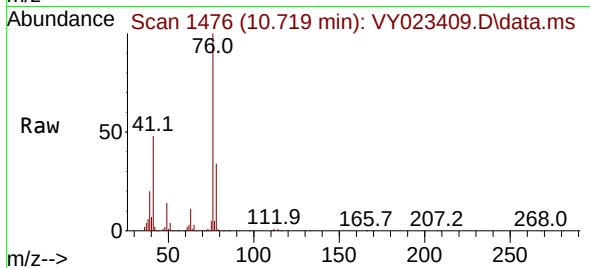
VY1009SBS01

Tgt Ion: 76 Resp: 123698

Ion Ratio Lower Upper

76 100

78 33.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 88.669 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023409.D

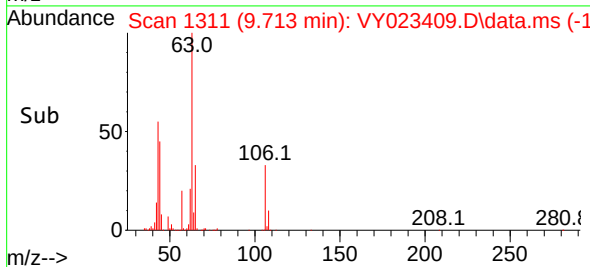
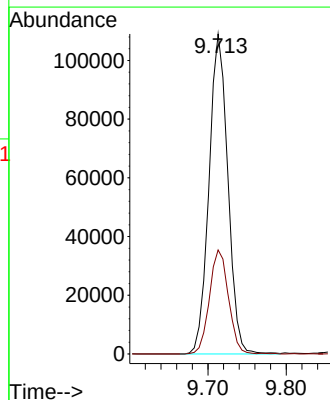
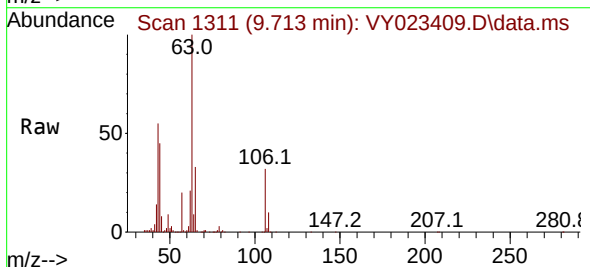
Acq: 09 Oct 2025 09:45

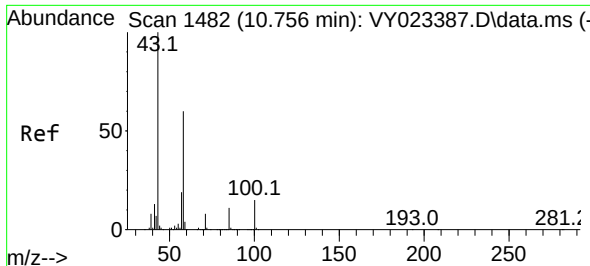
Tgt Ion: 63 Resp: 182196

Ion Ratio Lower Upper

63 100

106 32.8 26.6 39.8

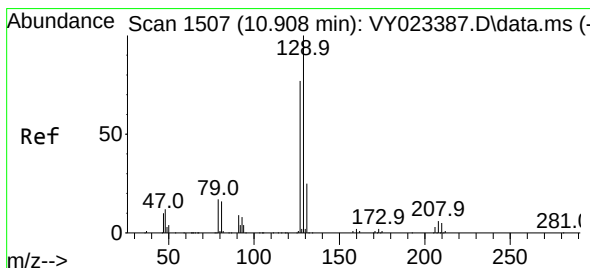
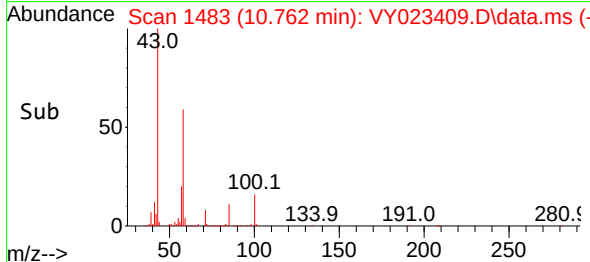
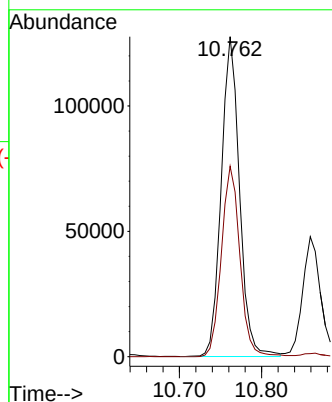
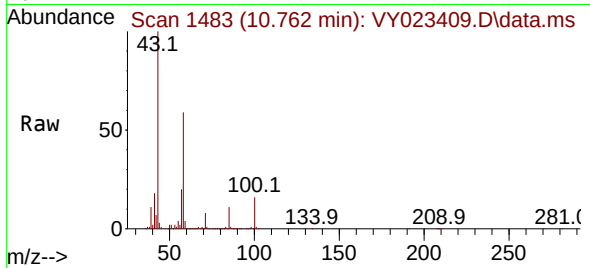




#59
2-Hexanone
Concen: 101.063 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

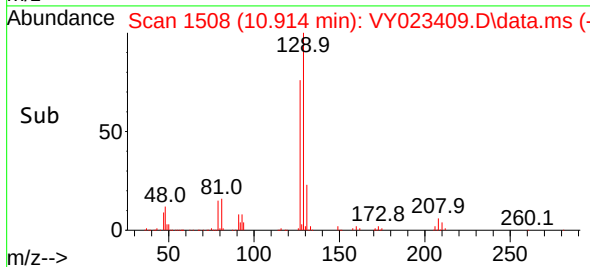
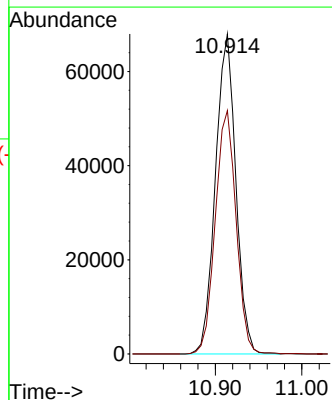
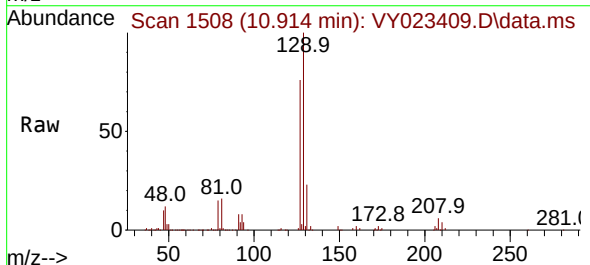
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

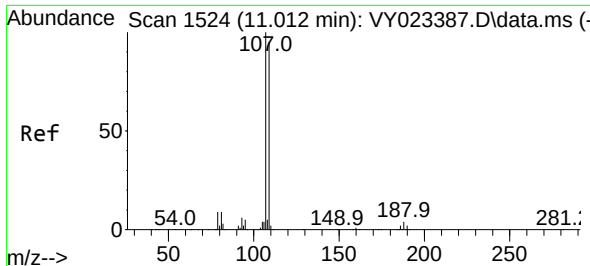
Tgt Ion: 43 Resp: 197074
Ion Ratio Lower Upper
43 100
58 60.5 30.5 91.5



#60
Dibromochloromethane
Concen: 19.945 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 129 Resp: 111195
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.7

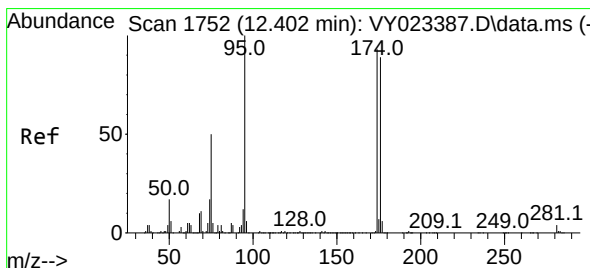
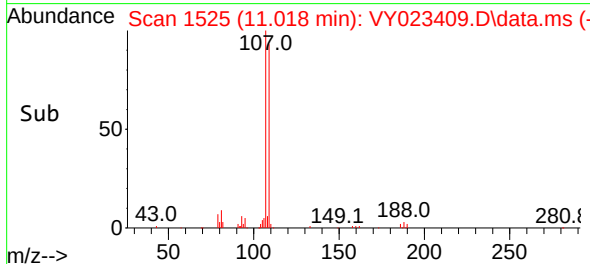
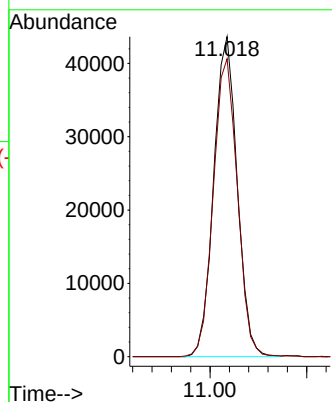
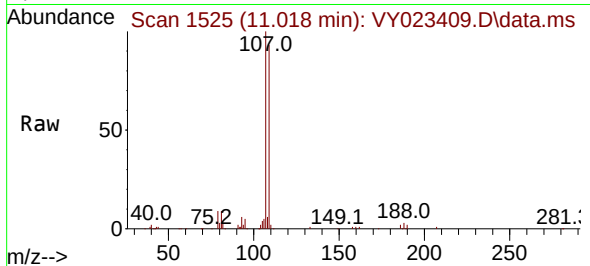




#61
1,2-Dibromoethane
Concen: 19.363 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

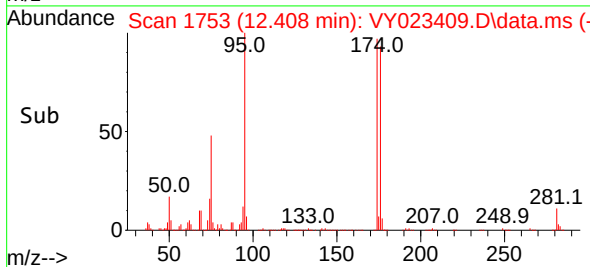
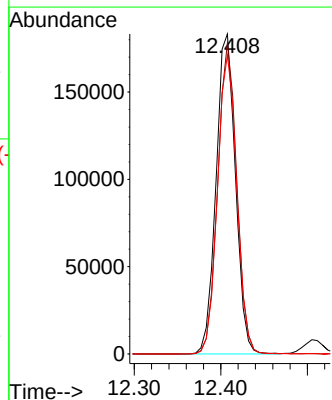
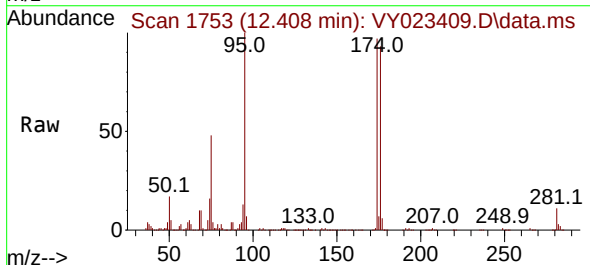
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

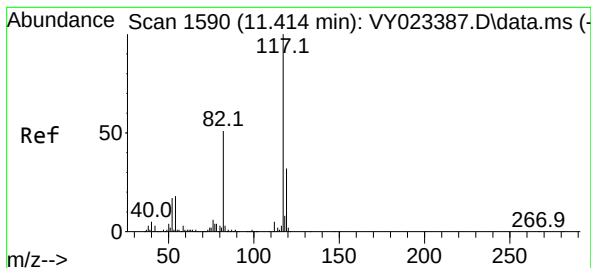
Tgt Ion:107 Resp: 73429
Ion Ratio Lower Upper
107 100
109 95.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 95 Resp: 285471
Ion Ratio Lower Upper
95 100
174 95.1 0.0 192.8
176 92.8 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

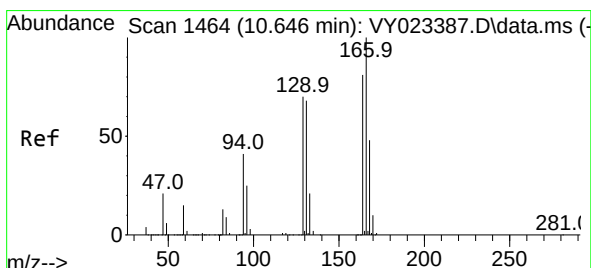
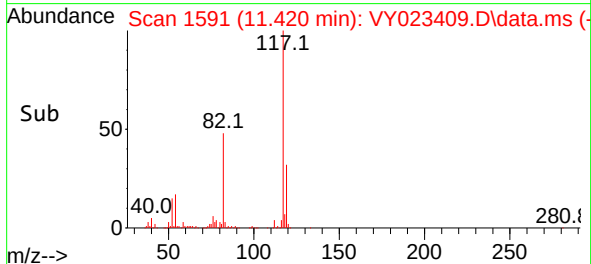
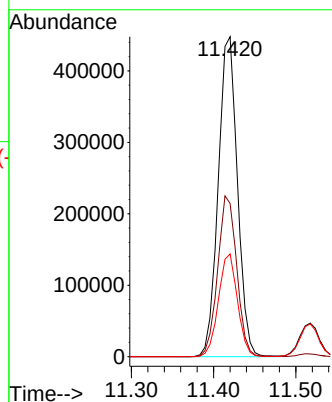
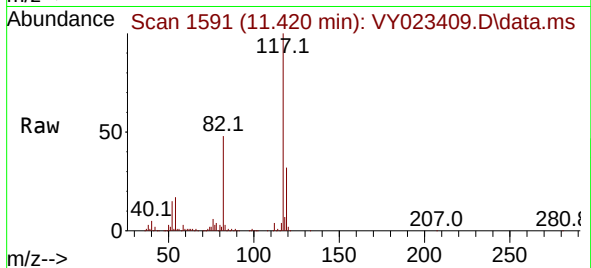
Tgt Ion:117 Resp: 727518

Ion Ratio Lower Upper

117 100

82 47.8 41.0 61.4

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 19.382 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion:164 Resp: 145594

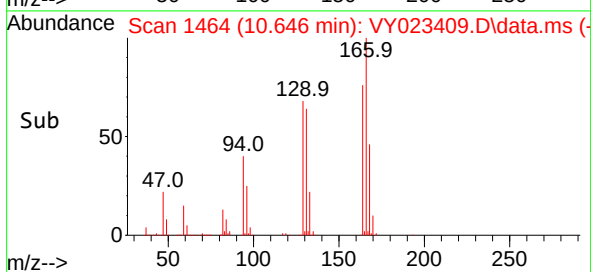
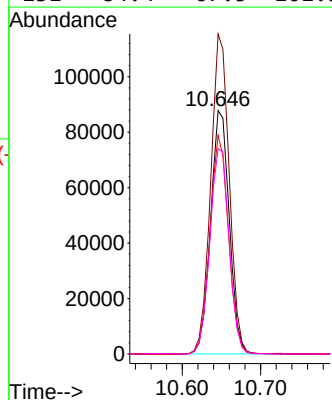
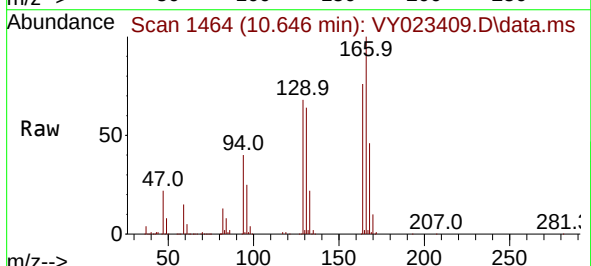
Ion Ratio Lower Upper

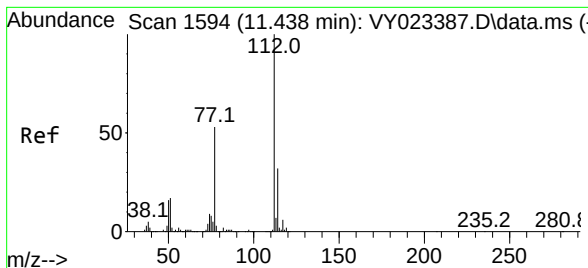
164 100

166 131.5 99.4 149.0

129 89.9 69.4 104.2

131 84.4 67.5 101.3





#65

Chlorobenzene

Concen: 19.845 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

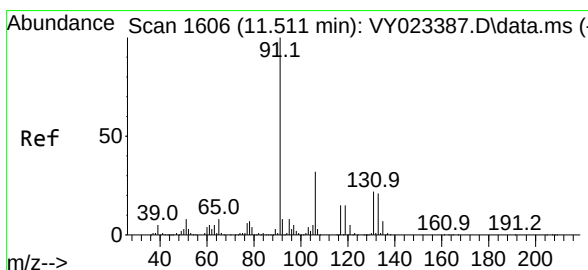
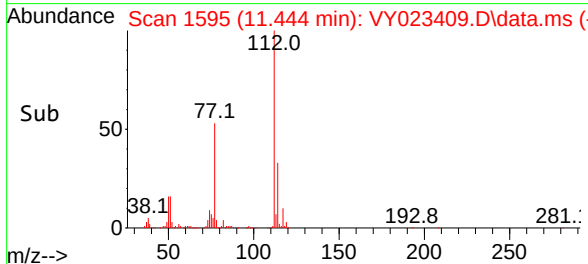
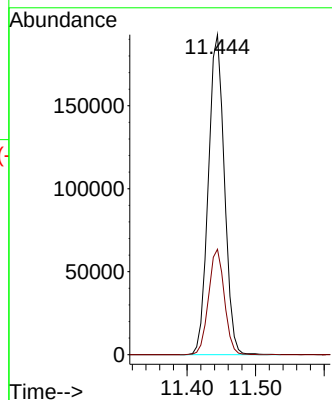
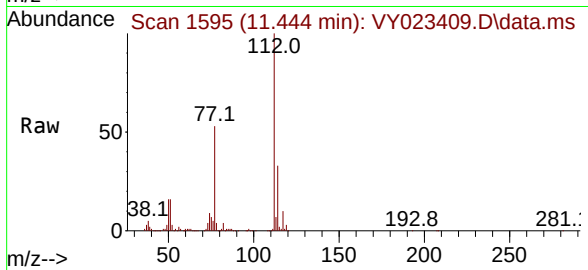
VY1009SBS01

Tgt Ion:112 Resp: 314016

Ion Ratio Lower Upper

112 100

114 32.9 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

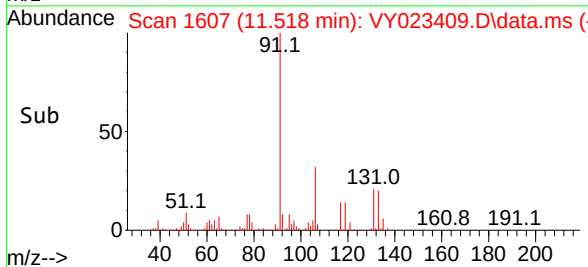
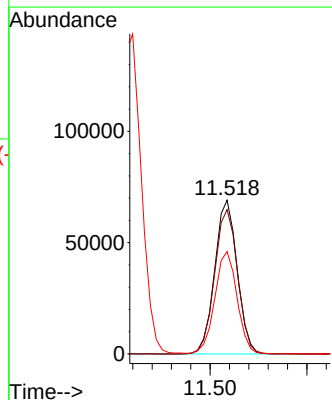
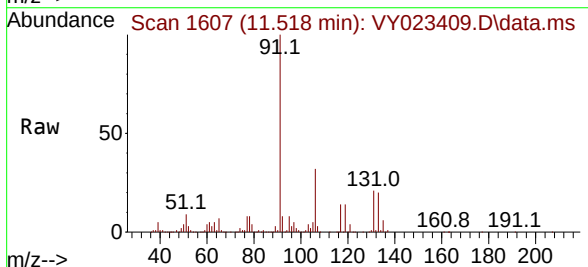
Tgt Ion:131 Resp: 111165

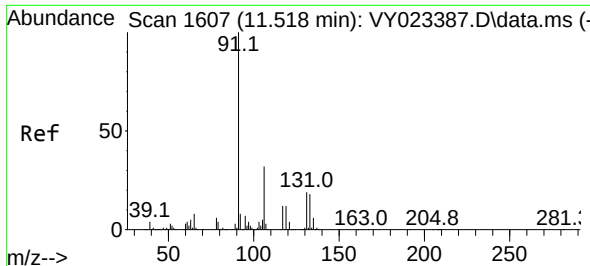
Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.2

119 66.2 32.4 97.2





#67

Ethyl Benzene

Concen: 19.876 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

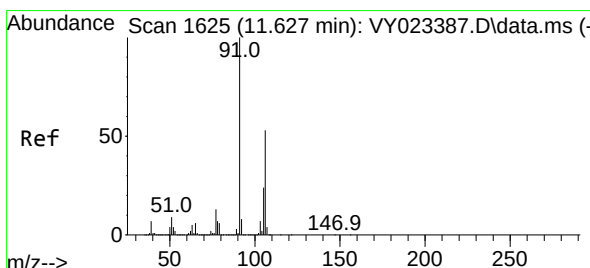
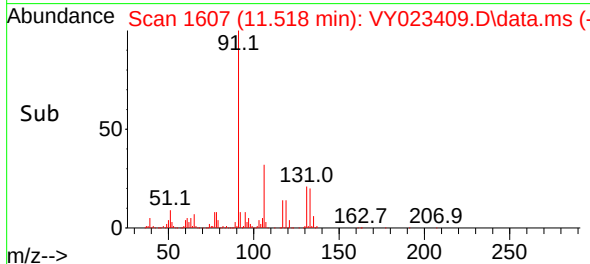
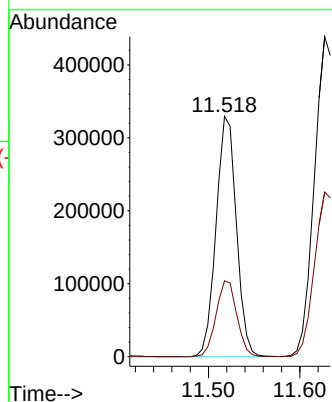
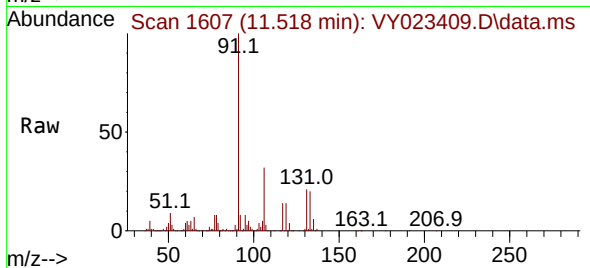
VY1009SBS01

Tgt Ion: 91 Resp: 509085

Ion Ratio Lower Upper

91 100

106 31.5 25.8 38.8



#68

m/p-Xylenes

Concen: 39.916 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023409.D

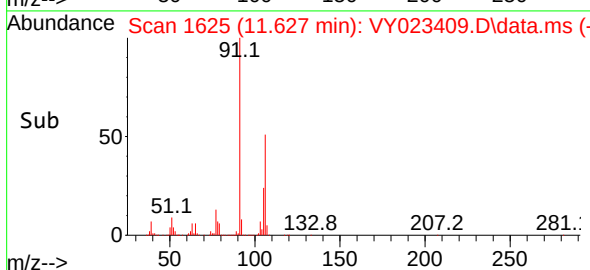
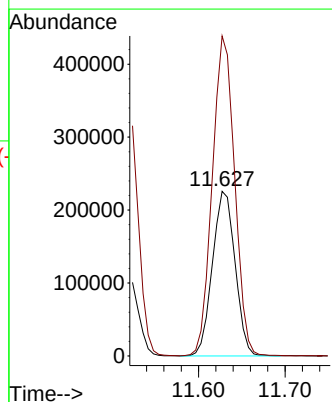
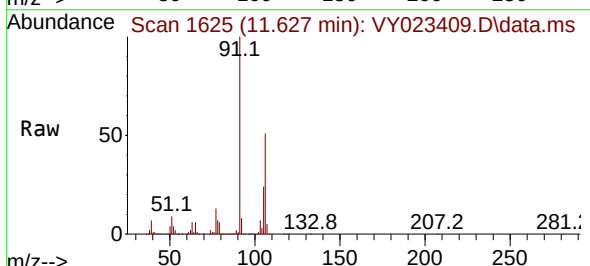
Acq: 09 Oct 2025 09:45

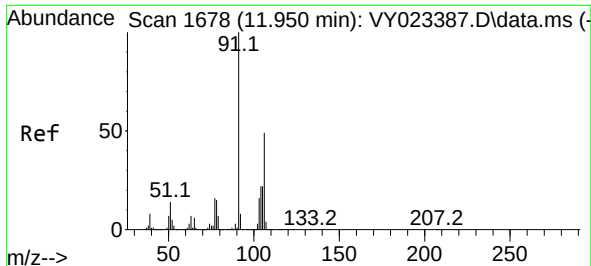
Tgt Ion:106 Resp: 410062

Ion Ratio Lower Upper

106 100

91 191.7 152.6 229.0

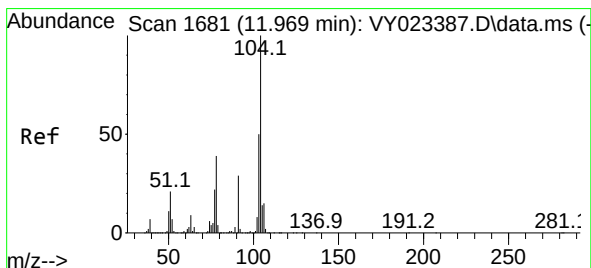
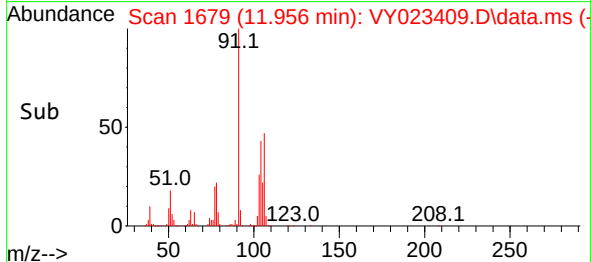
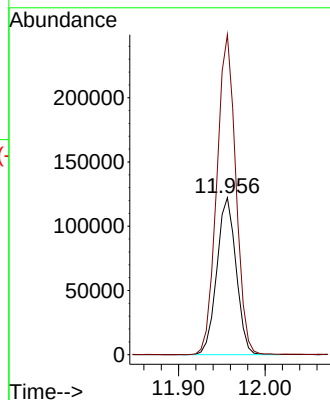
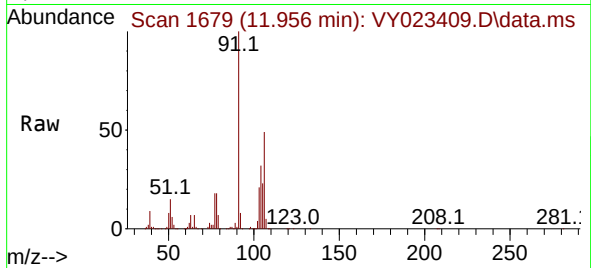




#69
o-Xylene
Concen: 19.581 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

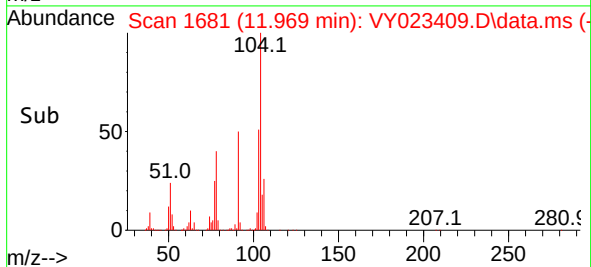
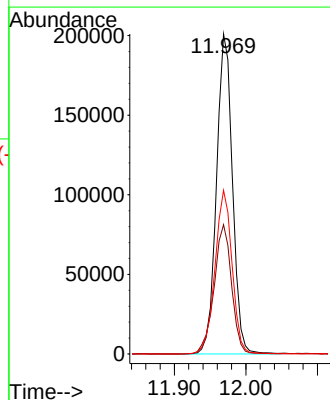
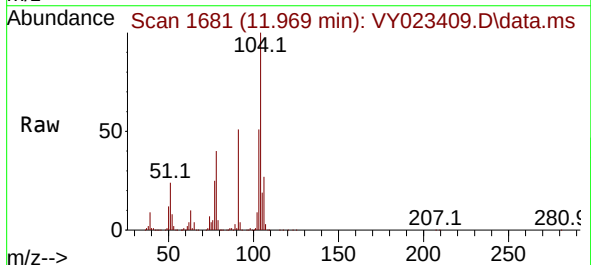
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

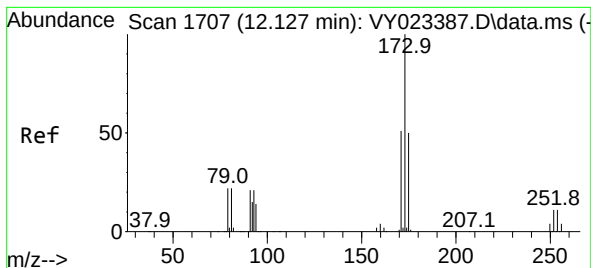
Tgt Ion:106 Resp: 188687
Ion Ratio Lower Upper
106 100
91 201.8 101.4 304.1



#70
Styrene
Concen: 19.677 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:104 Resp: 311804
Ion Ratio Lower Upper
104 100
78 44.3 36.1 54.1
103 54.8 43.2 64.8





#71

Bromoform

Concen: 18.390 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

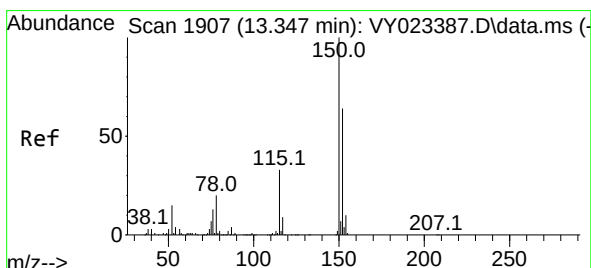
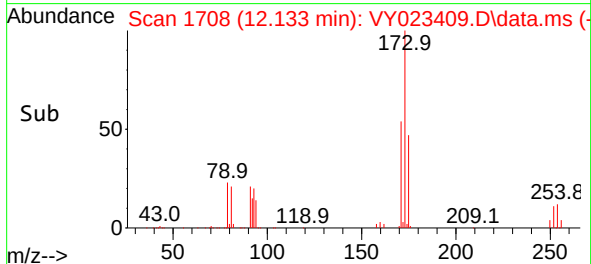
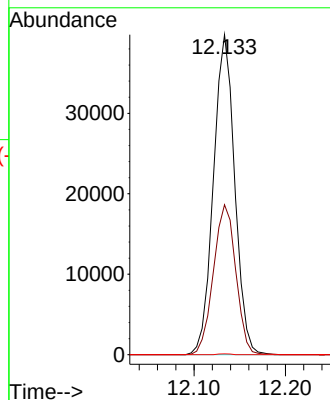
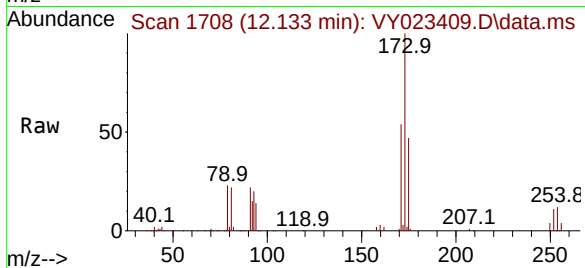
Tgt Ion:173 Resp: 64321

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

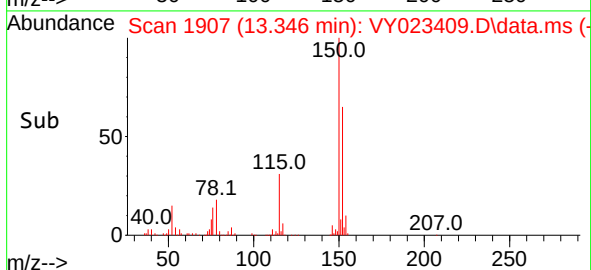
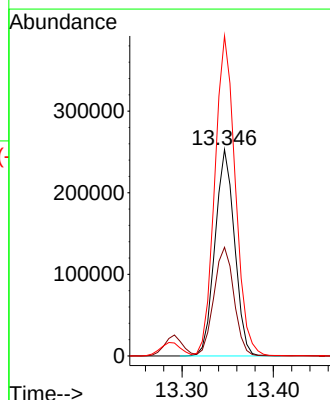
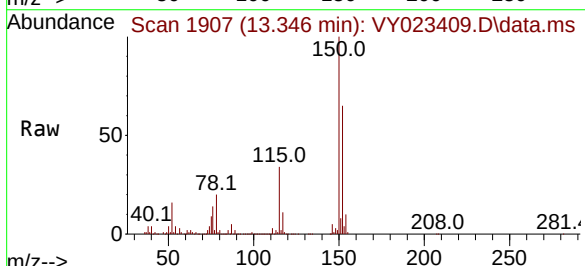
Tgt Ion:152 Resp: 376801

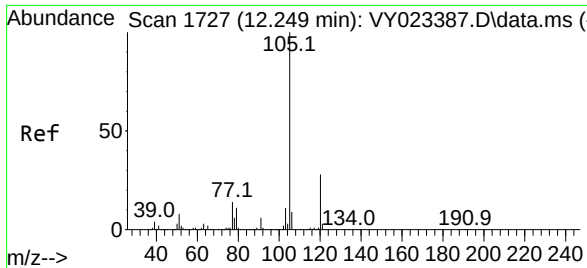
Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 162.6 0.0 347.4

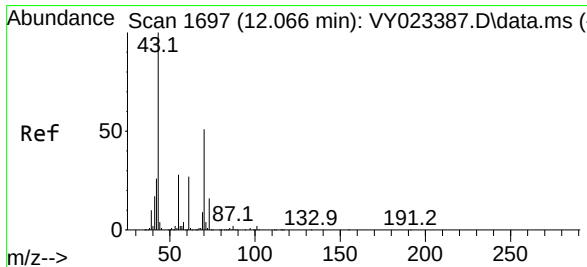
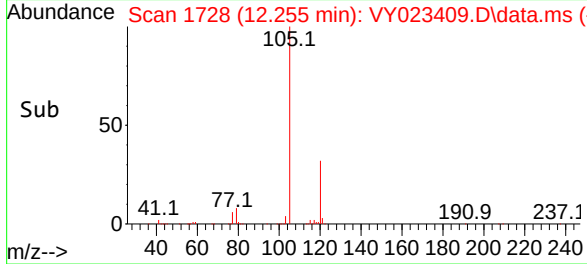
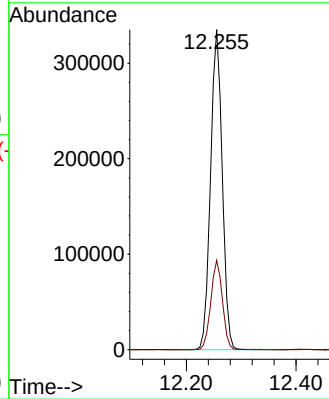
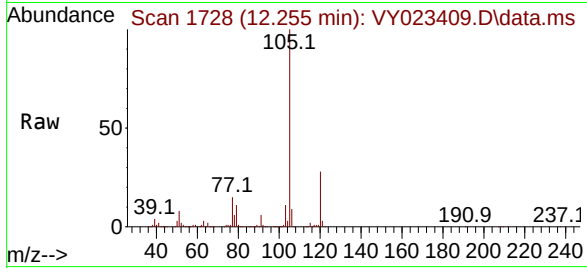




#73
Isopropylbenzene
Concen: 19.864 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

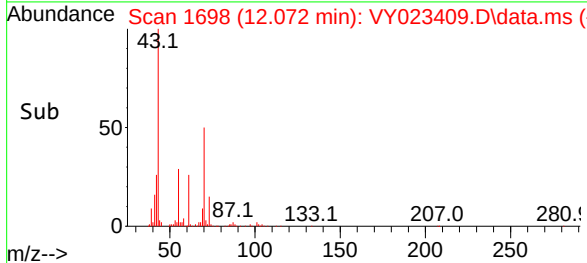
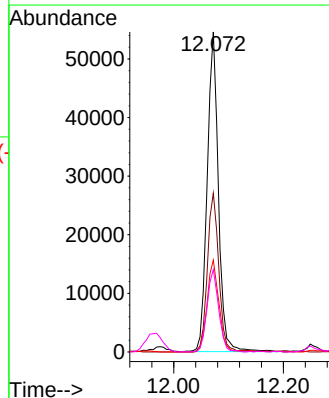
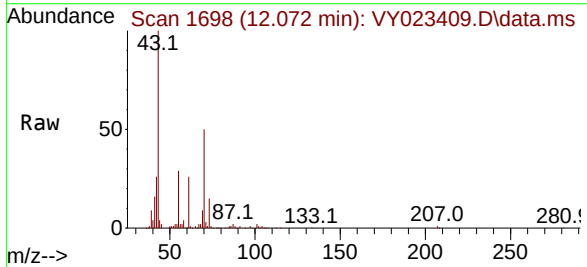
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

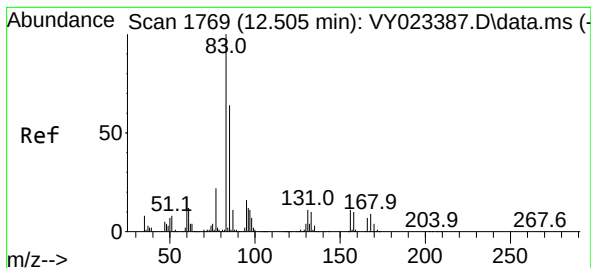
Tgt Ion:105 Resp: 493259
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7



#74
N-ethyl acetate
Concen: 17.293 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 43 Resp: 77131
Ion Ratio Lower Upper
43 100
70 50.2 41.1 61.7
55 30.3 23.0 34.6
61 26.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.352 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

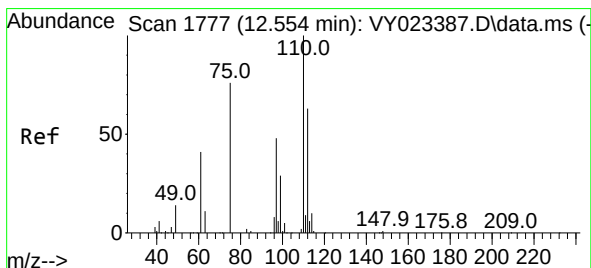
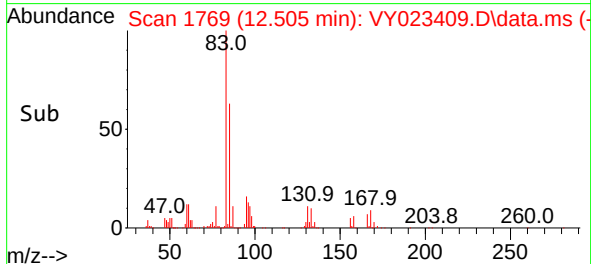
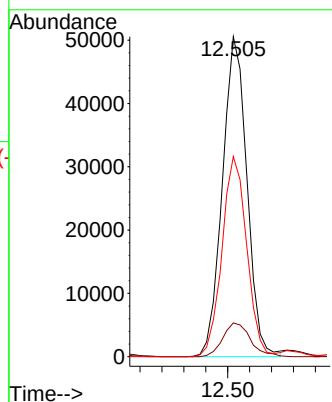
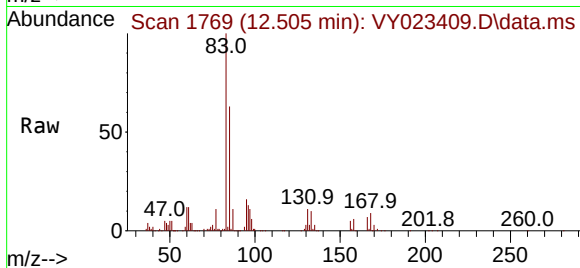
Tgt Ion: 83 Resp: 78596

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.6

85 62.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 30.522 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023409.D

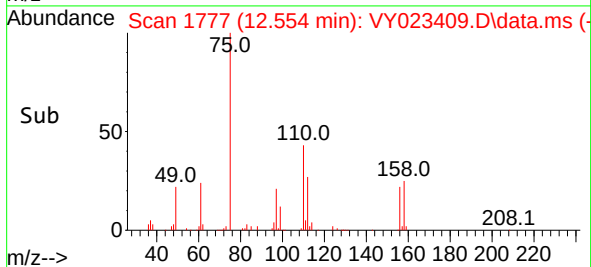
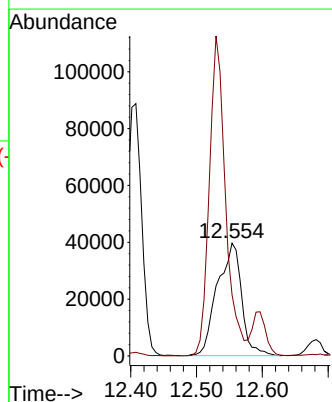
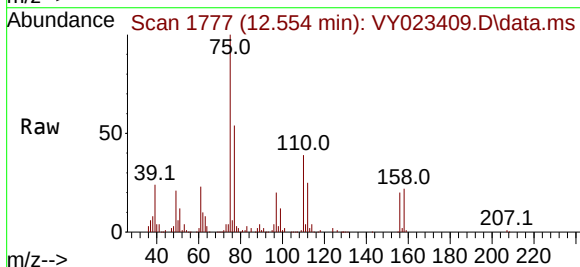
Acq: 09 Oct 2025 09:45

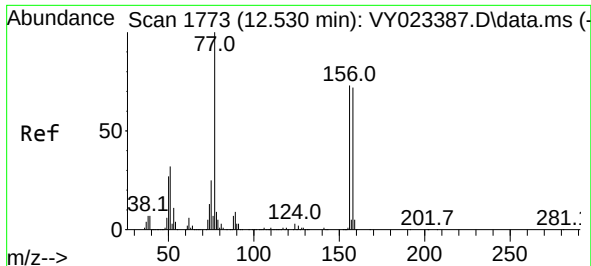
Tgt Ion: 75 Resp: 101467

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

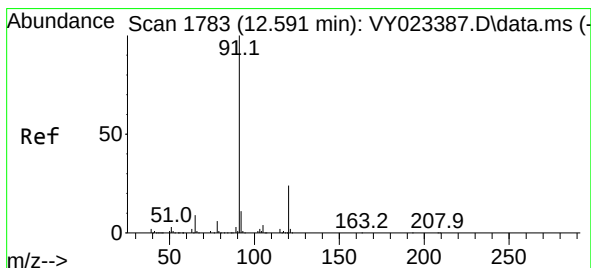
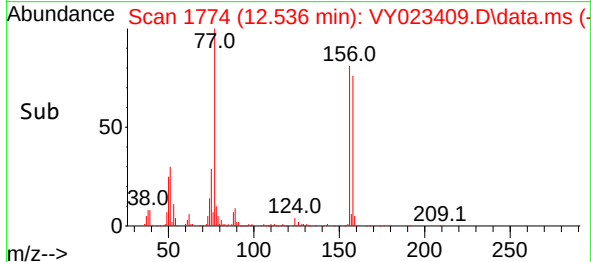
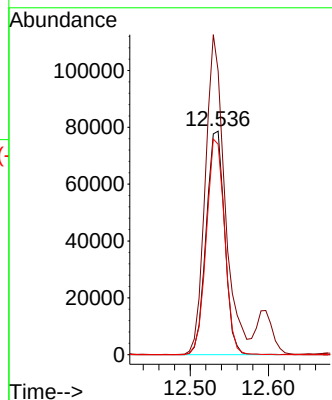
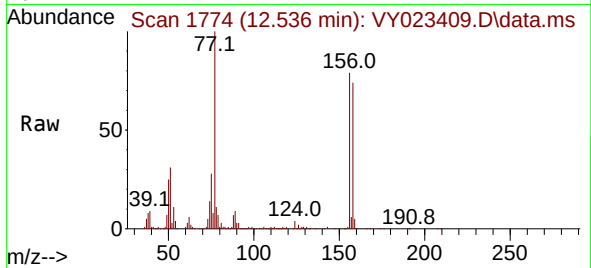




#77
Bromobenzene
Concen: 19.376 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

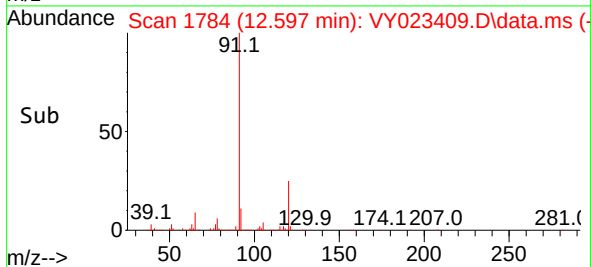
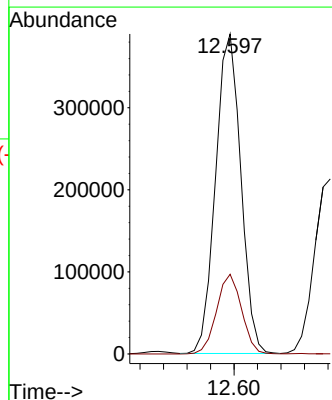
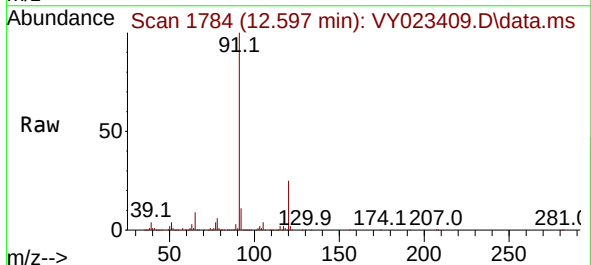
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

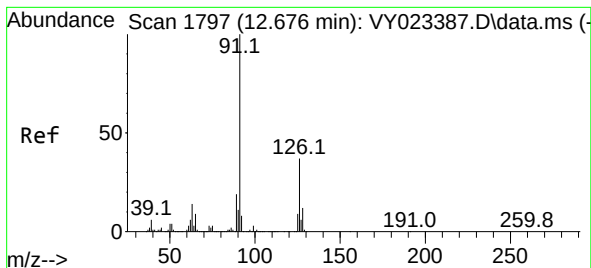
Tgt Ion:156 Resp: 127908
Ion Ratio Lower Upper
156 100
77 151.3 76.8 230.5
158 96.2 49.0 147.2



#78
n-propylbenzene
Concen: 20.212 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 91 Resp: 580789
Ion Ratio Lower Upper
91 100
120 24.7 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.909 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

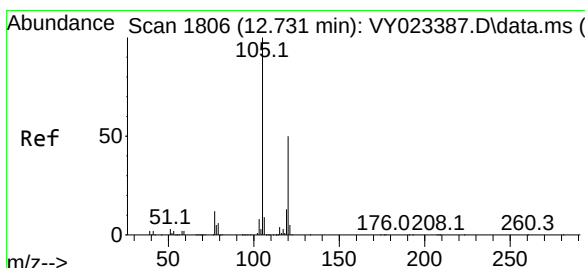
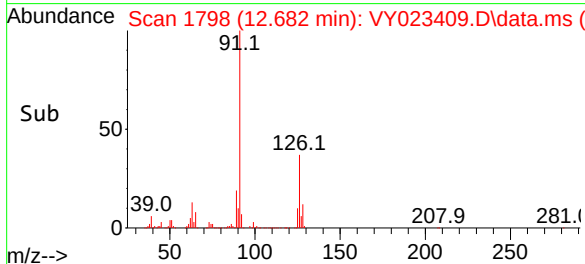
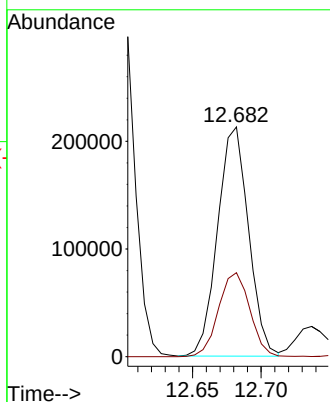
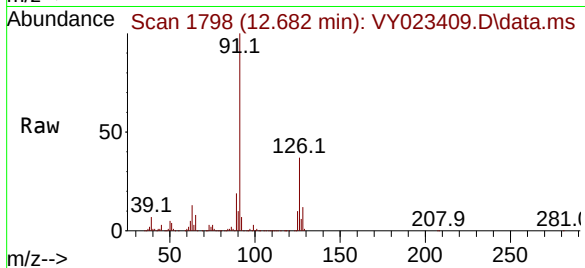
VY1009SBS01

Tgt Ion: 91 Resp: 335010

Ion Ratio Lower Upper

91 100

126 37.1 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 20.082 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023409.D

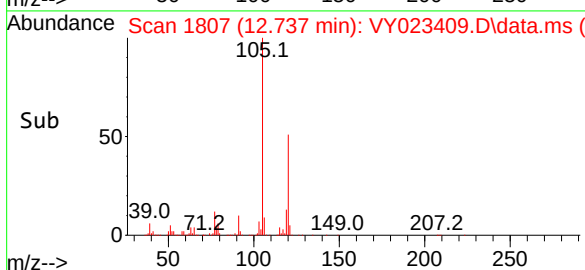
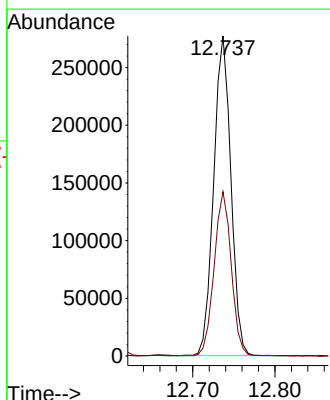
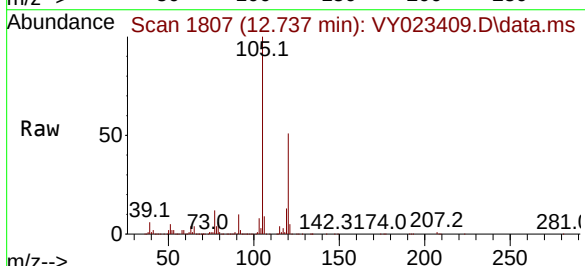
Acq: 09 Oct 2025 09:45

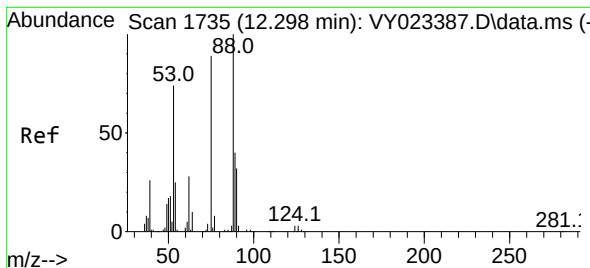
Tgt Ion: 105 Resp: 402952

Ion Ratio Lower Upper

105 100

120 51.3 25.4 76.4

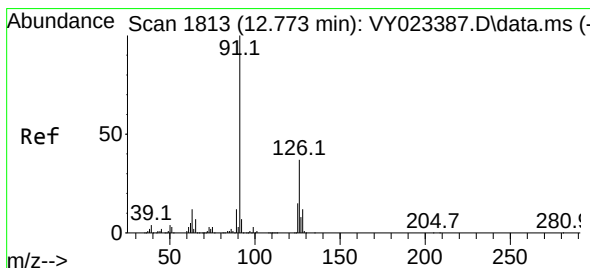
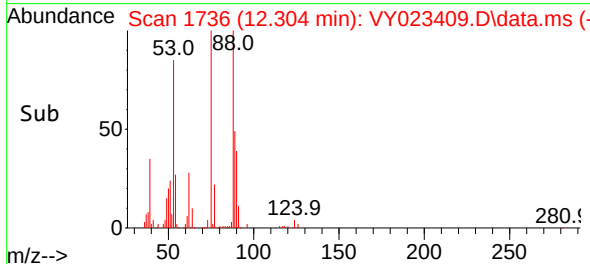
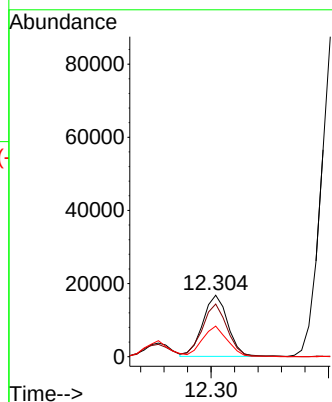
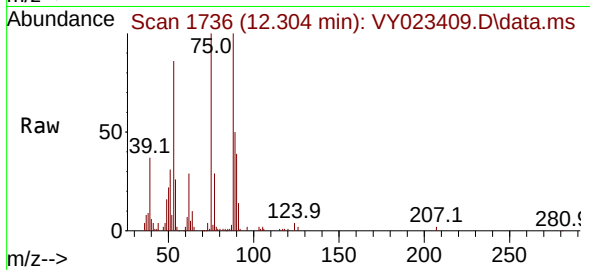




#81
trans-1,4-Dichloro-2-butene
Concen: 18.150 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

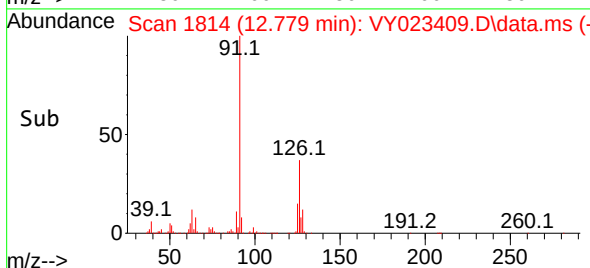
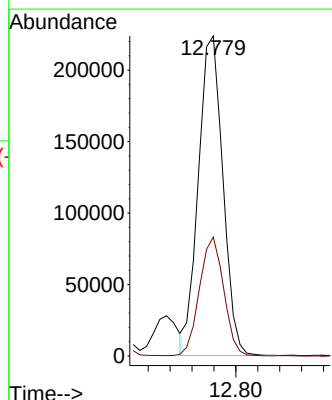
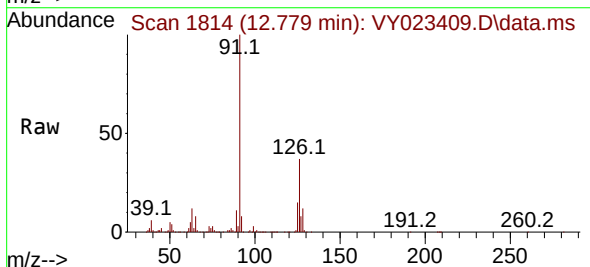
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

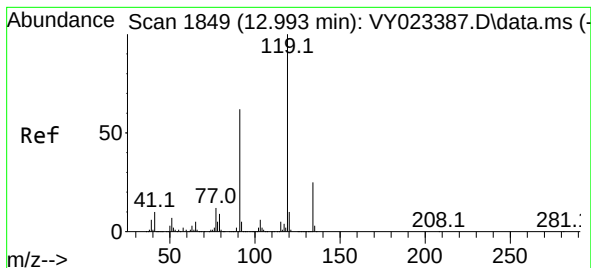
Tgt Ion: 75 Resp: 24605
Ion Ratio Lower Upper
75 100
53 85.3 68.6 102.8
89 49.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 20.080 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 91 Resp: 347982
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4





#83

tert-Butylbenzene

Concen: 19.582 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

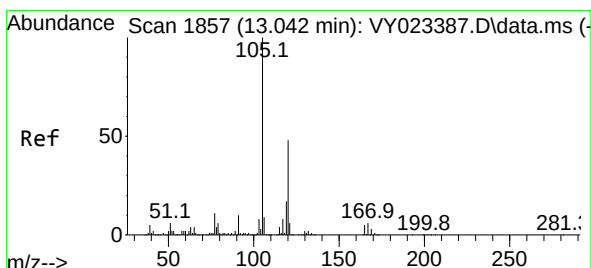
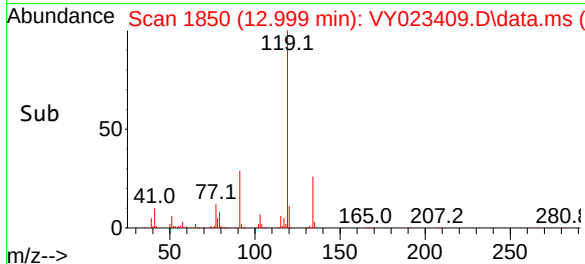
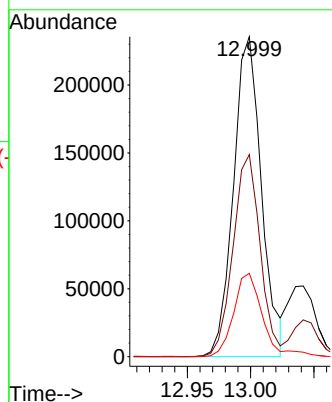
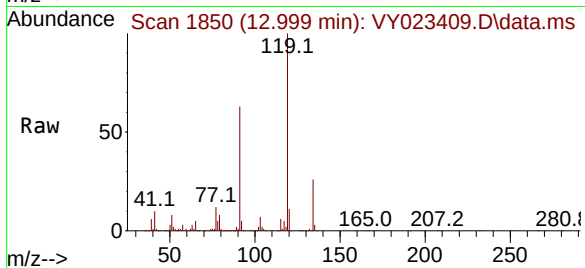
Tgt Ion:119 Resp: 362790

Ion Ratio Lower Upper

119 100

91 61.1 29.9 89.8

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.139 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023409.D

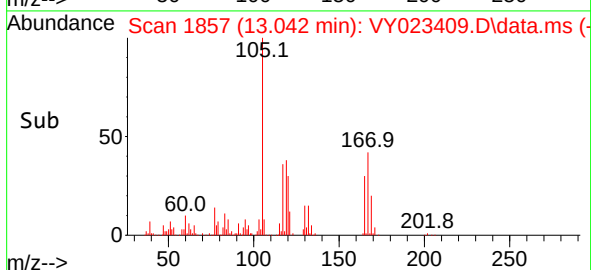
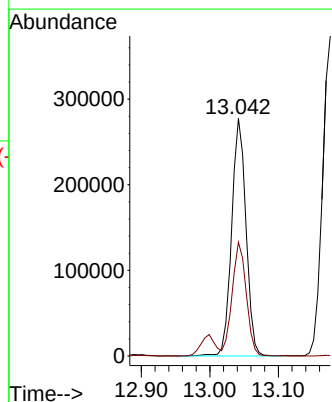
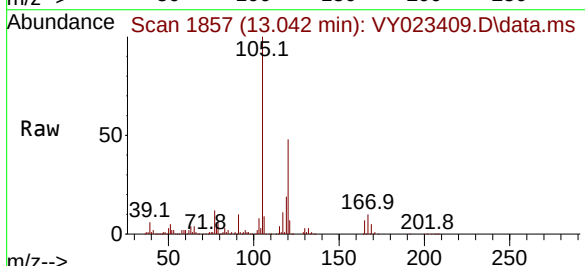
Acq: 09 Oct 2025 09:45

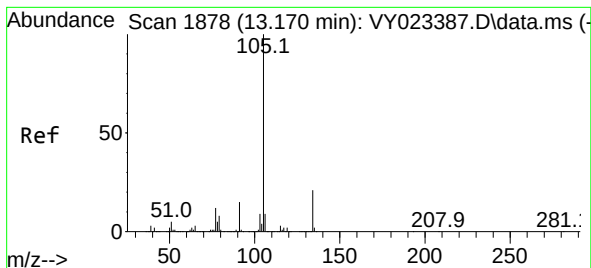
Tgt Ion:105 Resp: 403304

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.2





#85

sec-Butylbenzene

Concen: 20.186 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

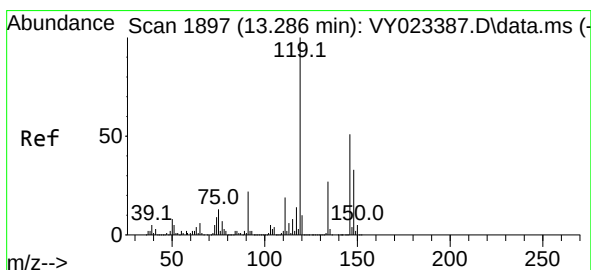
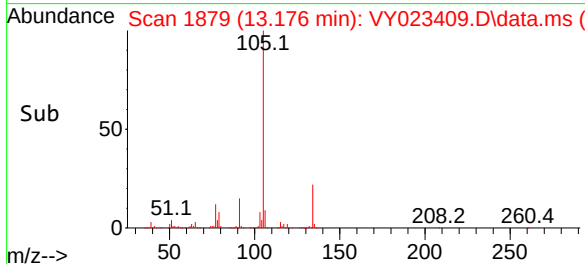
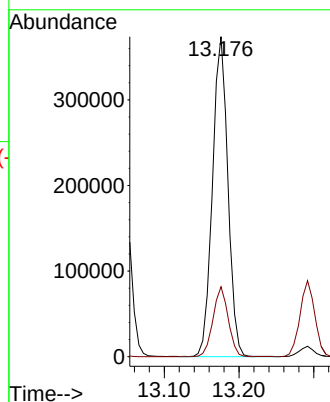
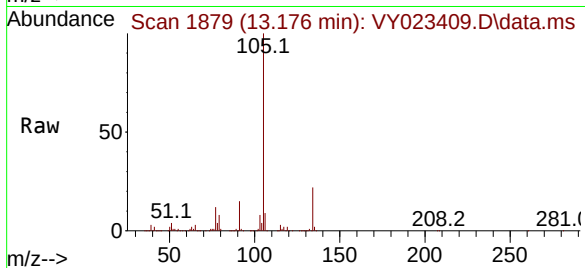
VY1009SBS01

Tgt Ion:105 Resp: 536485

Ion Ratio Lower Upper

105 100

134 21.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 20.143 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

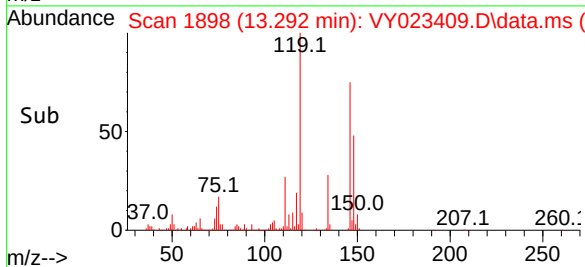
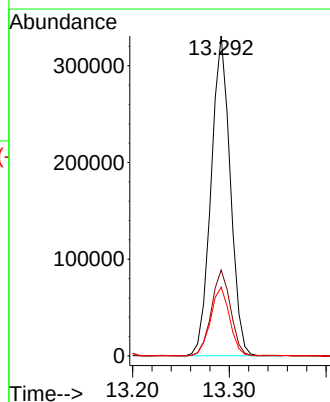
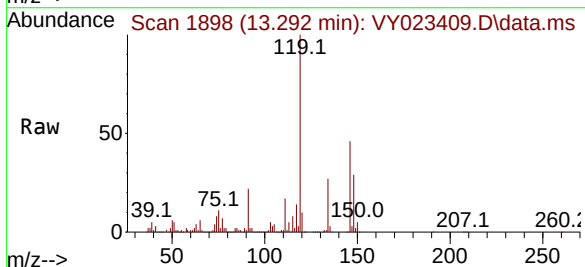
Tgt Ion:119 Resp: 455784

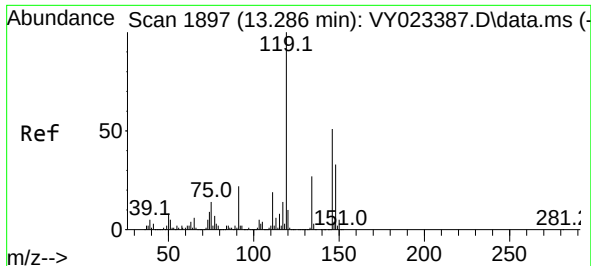
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 21.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.500 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

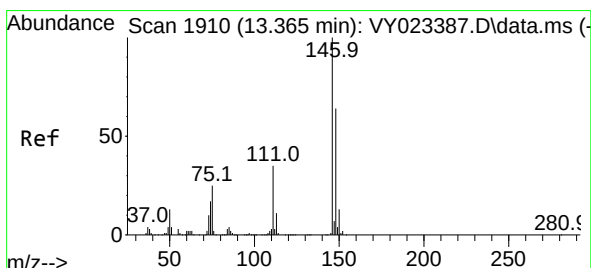
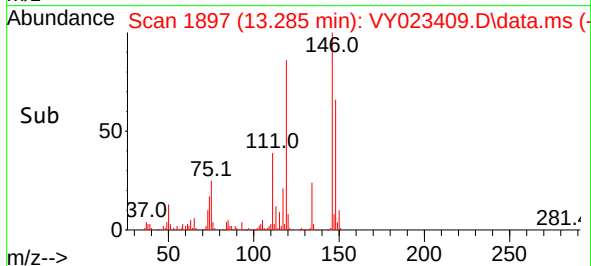
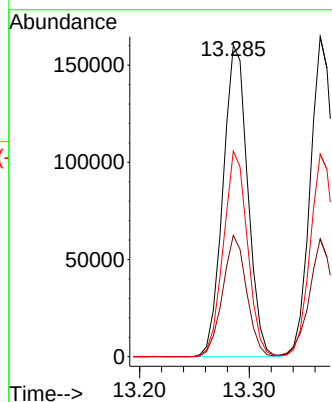
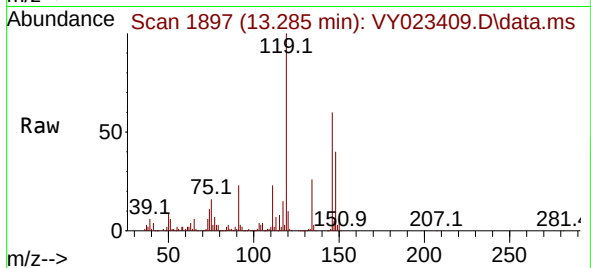
Tgt Ion:146 Resp: 250678

Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

148 64.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.539 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

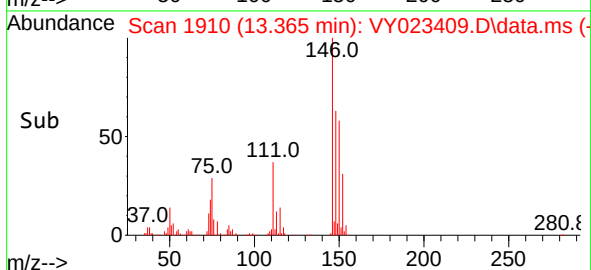
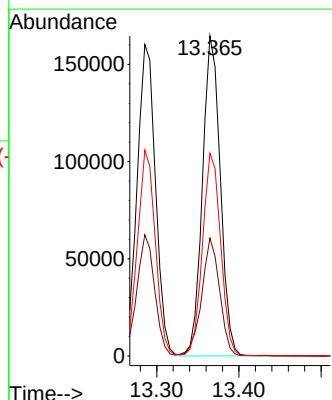
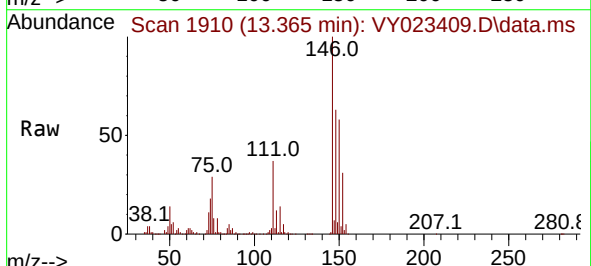
Tgt Ion:146 Resp: 248075

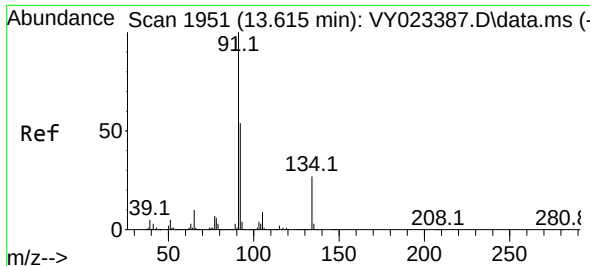
Ion Ratio Lower Upper

146 100

111 37.2 18.0 54.0

148 64.7 31.9 95.7

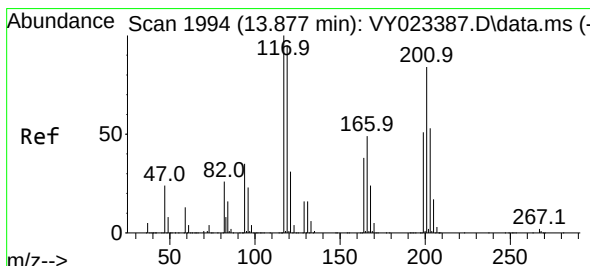
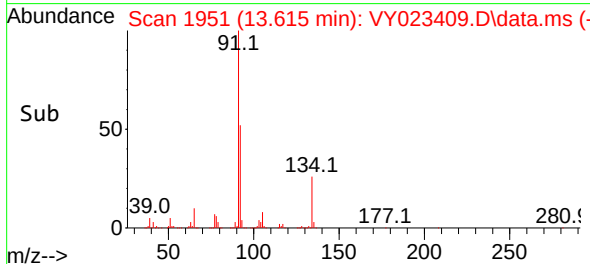
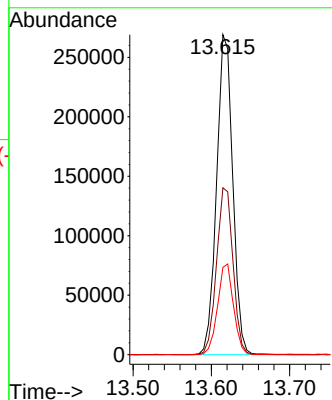
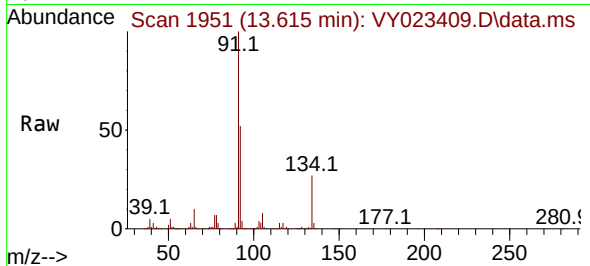




#89
n-Butylbenzene
Concen: 19.613 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

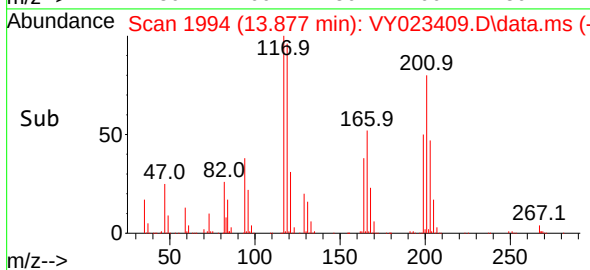
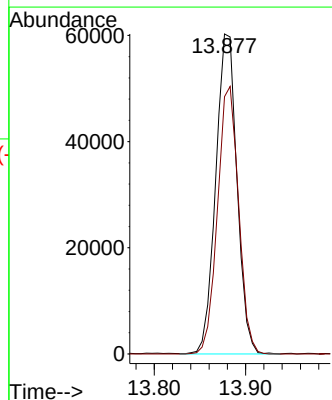
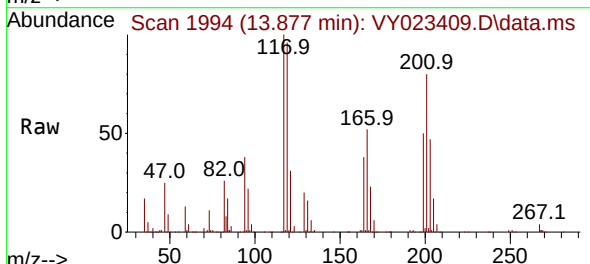
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

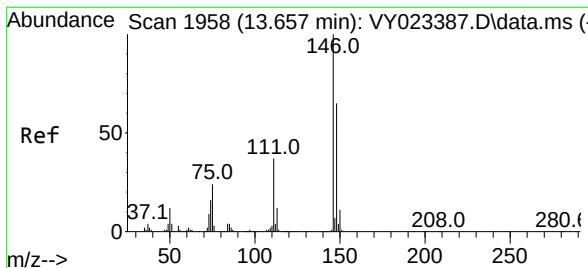
Tgt Ion: 91 Resp: 386693
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 27.9 14.1 42.2



#90
Hexachloroethane
Concen: 20.022 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion: 117 Resp: 97445
Ion Ratio Lower Upper
117 100
201 82.9 43.8 131.4

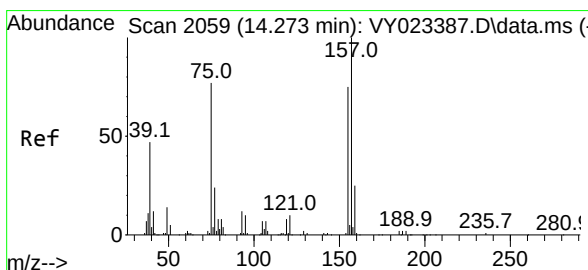
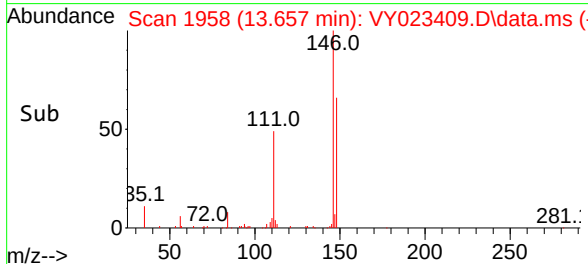
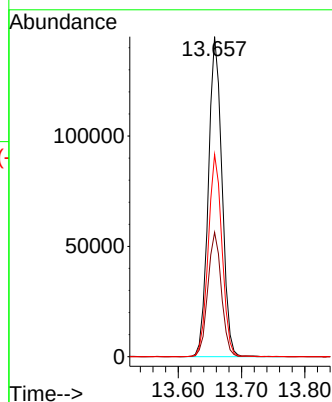
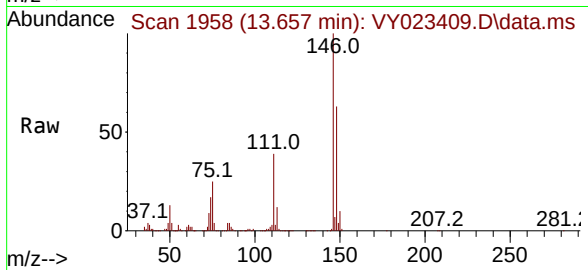




#91
 1,2-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

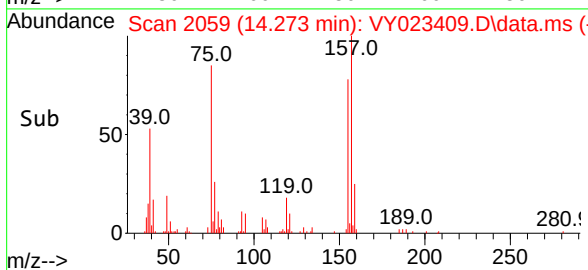
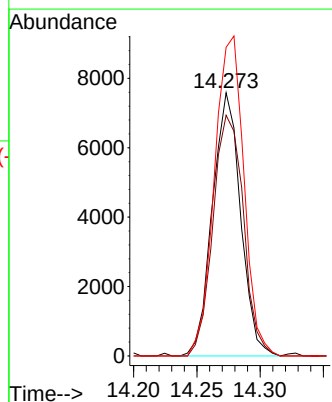
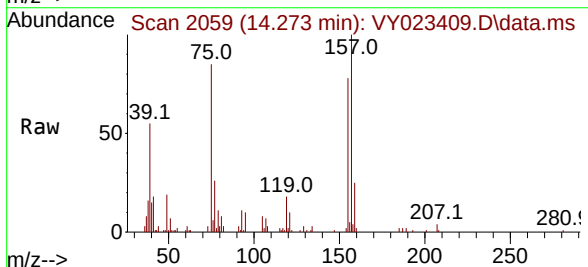
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

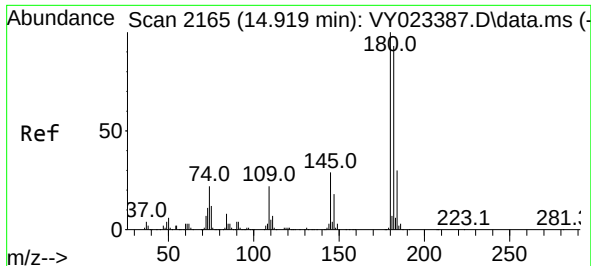
Tgt Ion:146 Resp: 217274
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 63.8 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.656 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023409.D
 Acq: 09 Oct 2025 09:45

Tgt Ion: 75 Resp: 11766
 Ion Ratio Lower Upper
 75 100
 155 98.3 50.0 150.0
 157 126.7 63.8 191.5

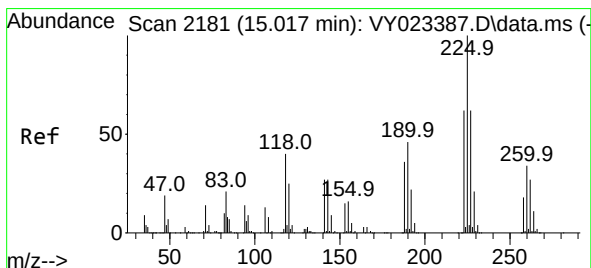
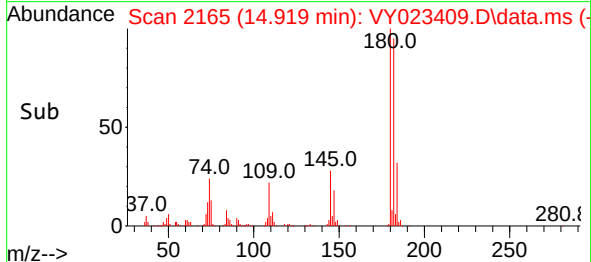
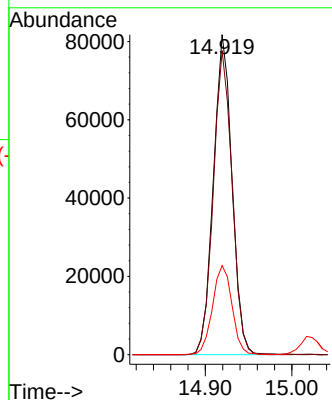
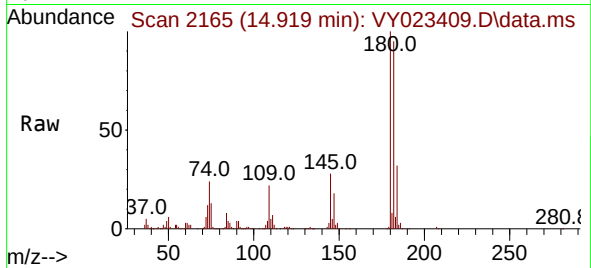




#93
1,2,4-Trichlorobenzene
Concen: 17.372 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

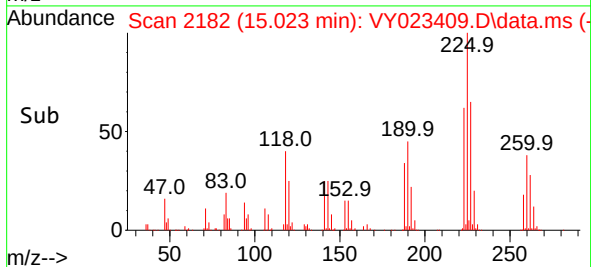
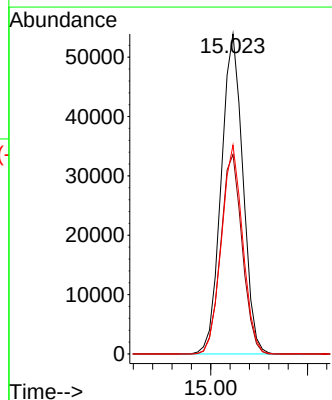
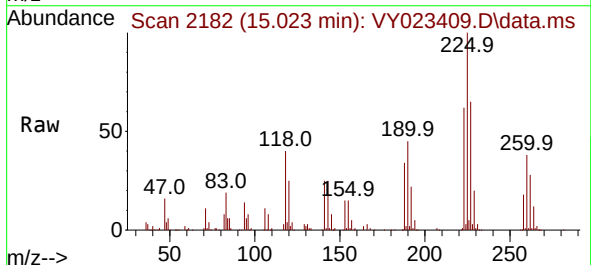
Instrument :
MSVOA_Y
ClientSampleId :
VY1009SBS01

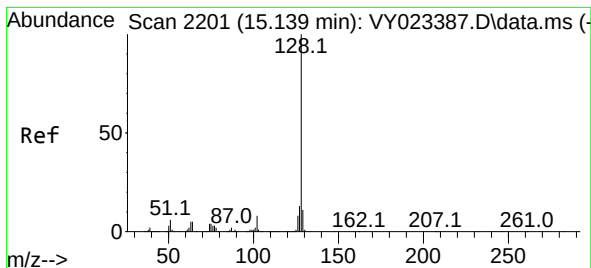
Tgt Ion:180 Resp: 122058
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 29.1 14.7 44.1



#94
Hexachlorobutadiene
Concen: 19.104 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023409.D
Acq: 09 Oct 2025 09:45

Tgt Ion:225 Resp: 83673
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.3
227 64.2 31.9 95.7





#95

Naphthalene

Concen: 15.125 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1009SBS01

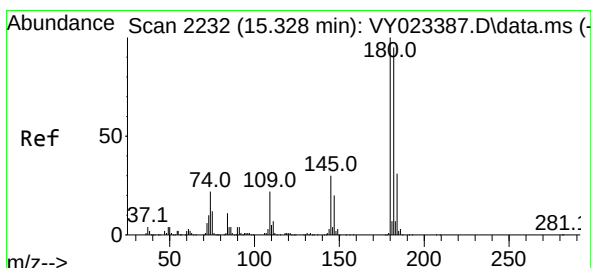
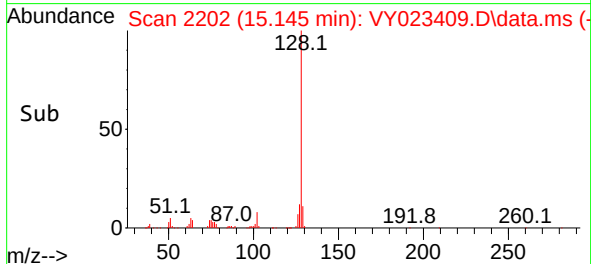
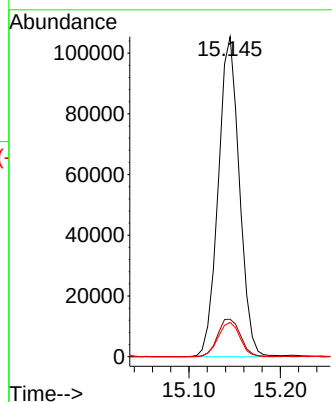
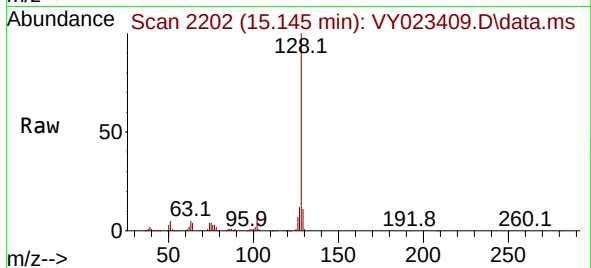
Tgt Ion:128 Resp: 169222

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 17.142 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023409.D

Acq: 09 Oct 2025 09:45

Tgt Ion:180 Resp: 104325

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 30.5 15.3 45.9

