

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023900.D
 Acq On : 09 Dec 2025 11:56
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Quant Time: Dec 10 02:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	439506	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	622948	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	522884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	267852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	220275	50.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.200%	
35) Dibromofluoromethane	7.652	113	242718	60.749	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.500%	
50) Toluene-d8	10.115	98	904294	58.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.320%	
62) 4-Bromofluorobenzene	12.414	95	287388	54.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	77506	23.315	ug/l	96
3) Chloromethane	2.080	50	97892	20.643	ug/l	96
4) Vinyl Chloride	2.220	62	111071	20.534	ug/l	100
5) Bromomethane	2.611	94	112771	28.874	ug/l	97
6) Chloroethane	2.751	64	82363	22.459	ug/l	97
7) Trichlorofluoromethane	3.074	101	172536	22.812	ug/l	98
8) Diethyl Ether	3.470	74	45901	20.258	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.836	101	103905	22.929	ug/l	95
10) Methyl Iodide	4.025	142	104749	22.269	ug/l	97
11) Tert butyl alcohol	4.909	59	23312	64.480	ug/l #	74
12) 1,1-Dichloroethene	3.806	96	94606	22.344	ug/l	86
13) Acrolein	3.678	56	31705	115.508	ug/l	95
14) Allyl chloride	4.403	41	117052	17.291	ug/l #	90
15) Acrylonitrile	5.086	53	89477	90.731	ug/l	98
16) Acetone	3.897	43	138490	105.118	ug/l	98
17) Carbon Disulfide	4.129	76	228783	18.288	ug/l	100
18) Methyl Acetate	4.409	43	35301	15.797	ug/l	91
19) Methyl tert-butyl Ether	5.135	73	224702	21.127	ug/l	97
20) Methylene Chloride	4.641	84	115244	23.287	ug/l	86
21) trans-1,2-Dichloroethene	5.141	96	101718	21.775	ug/l	85
22) Diisopropyl ether	6.043	45	277358	18.608	ug/l #	95
23) Vinyl Acetate	5.982	43	747359	90.456	ug/l	95
24) 1,1-Dichloroethane	5.939	63	176702	20.518	ug/l	95
25) 2-Butanone	6.915	43	141081	88.830	ug/l #	89
26) 2,2-Dichloropropane	6.903	77	169457	21.469	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	121153	22.335	ug/l	91
28) Bromochloromethane	7.262	49	64313	19.545	ug/l #	76
29) Tetrahydrofuran	7.287	42	63038	76.747	ug/l #	85
30) Chloroform	7.433	83	194330	22.331	ug/l	99
31) Cyclohexane	7.719	56	148555	18.042	ug/l #	83
32) 1,1,1-Trichloroethane	7.634	97	179873	22.897	ug/l	98
36) 1,1-Dichloropropene	7.854	75	134570	22.842	ug/l	96
37) Ethyl Acetate	7.006	43	49735	18.282	ug/l	97
38) Carbon Tetrachloride	7.835	117	164768	25.340	ug/l	99
39) Methylcyclohexane	9.122	83	173230	22.589	ug/l	93
40) Benzene	8.097	78	408004	22.912	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	19561	13.949	ug/l #	95
42) 1,2-Dichloroethane	8.171	62	107988	23.239	ug/l	98
43) Isopropyl Acetate	8.213	43	97091	19.075	ug/l #	87
44) Trichloroethene	8.878	130	119217	26.019	ug/l	95
45) 1,2-Dichloropropane	9.152	63	92924	22.039	ug/l	98
46) Dibromomethane	9.244	93	54866	24.036	ug/l	94
47) Bromodichloromethane	9.433	83	142434	23.651	ug/l	96
48) Methyl methacrylate	9.231	41	43935	18.476	ug/l	87
49) 1,4-Dioxane	9.256	88	10197	401.749	ug/l #	92
51) 4-Methyl-2-Pentanone	10.012	43	253378	94.667	ug/l	96
52) Toluene	10.182	92	268658	24.092	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	123343	22.692	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	146963	22.961	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	74142	24.061	ug/l	97
56) Ethyl methacrylate	10.451	69	82399	20.947	ug/l	94
57) 1,3-Dichloropropane	10.725	76	118747	22.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	196769	109.387	ug/l	92
59) 2-Hexanone	10.768	43	200163	99.158	ug/l	95
60) Dibromochloromethane	10.920	129	103027	24.935	ug/l	99
61) 1,2-Dibromoethane	11.024	107	68980	24.564	ug/l	98
64) Tetrachloroethene	10.658	164	143055	27.957	ug/l	96
65) Chlorobenzene	11.451	112	298530	25.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	106099	26.056	ug/l	98
67) Ethyl Benzene	11.530	91	494003	23.943	ug/l	98
68) m/p-Xylenes	11.639	106	398013	50.470	ug/l	95
69) o-Xylene	11.963	106	184677	25.037	ug/l	95
70) Styrene	11.981	104	292926	24.091	ug/l	99
71) Bromoform	12.139	173	59899	26.034	ug/l #	99
73) Isopropylbenzene	12.261	105	487457	24.701	ug/l	98
74) N-amyl acetate	12.078	43	74483	17.415	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.517	83	70642	22.186	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	97098	36.566	ug/l #	100
77) Bromobenzene	12.542	156	121055	26.412	ug/l	88
78) n-propylbenzene	12.603	91	562195	23.608	ug/l	97
79) 2-Chlorotoluene	12.688	91	321578	23.778	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	391978	24.445	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	23143	20.874	ug/l	97
82) 4-Chlorotoluene	12.786	91	324959	23.176	ug/l	95
83) tert-Butylbenzene	13.005	119	363520	25.146	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	387237	24.377	ug/l	98
85) sec-Butylbenzene	13.182	105	531618	24.722	ug/l	98
86) p-Isopropyltoluene	13.298	119	441698	24.808	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	232176	25.144	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	224636	24.807	ug/l	98
89) n-Butylbenzene	13.627	91	372644	22.613	ug/l	98
90) Hexachloroethane	13.889	117	91923	24.610	ug/l	93
91) 1,2-Dichlorobenzene	13.664	146	200550	24.971	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10092	20.158	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	107746	22.628	ug/l	99
94) Hexachlorobutadiene	15.029	225	75392	25.236	ug/l	99
95) Naphthalene	15.151	128	151144	19.261	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	87995	21.656	ug/l	98

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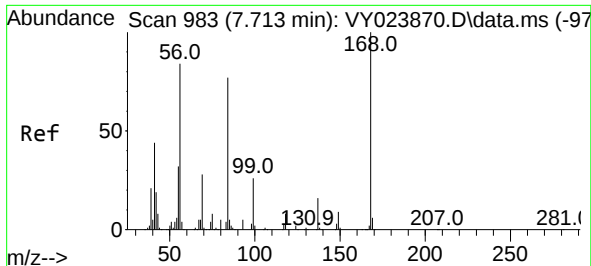
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

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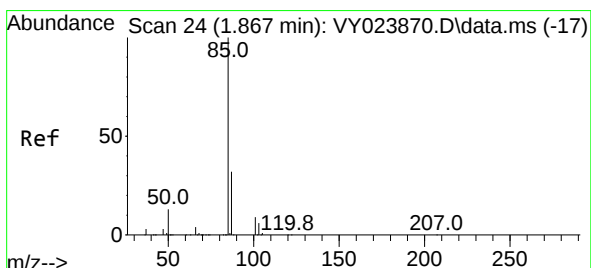
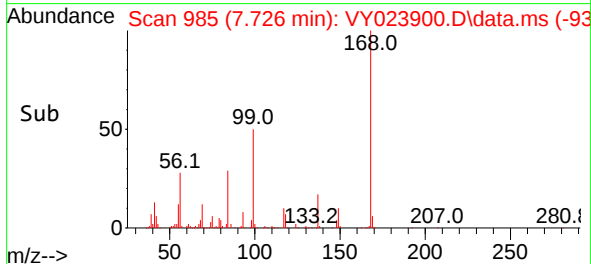
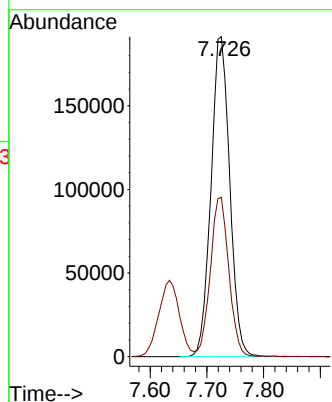
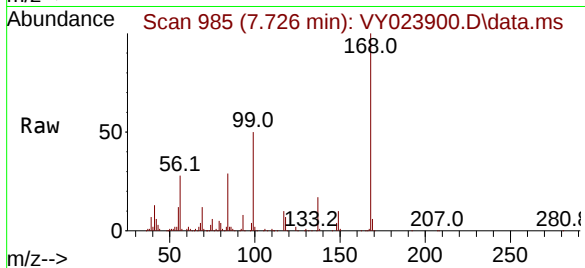




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY023900.D
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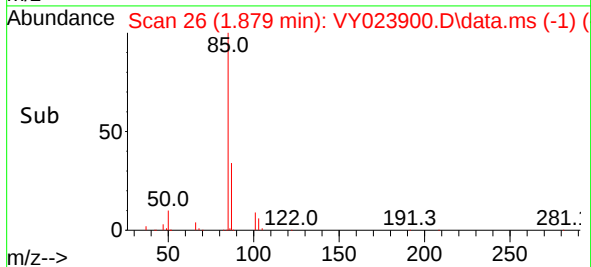
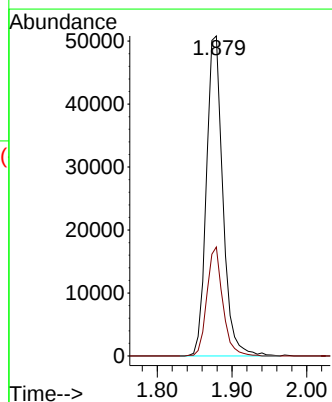
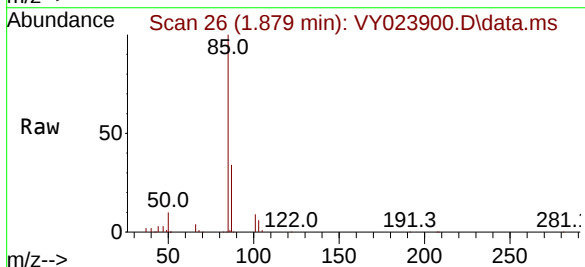
Instrument :
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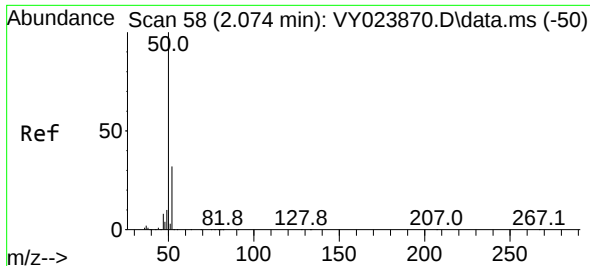
Tgt Ion:168 Resp: 439506
Ion Ratio Lower Upper
168 100
99 49.8 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 23.315 ug/l
RT: 1.879 min Scan# 26
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 85 Resp: 77506
Ion Ratio Lower Upper
85 100
87 34.1 15.9 47.6

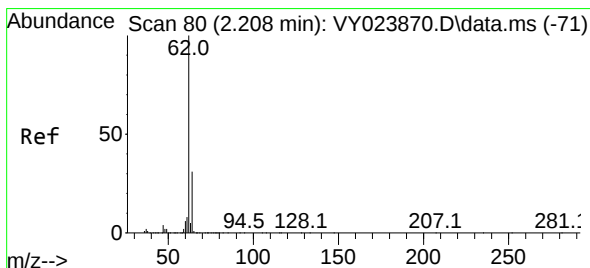
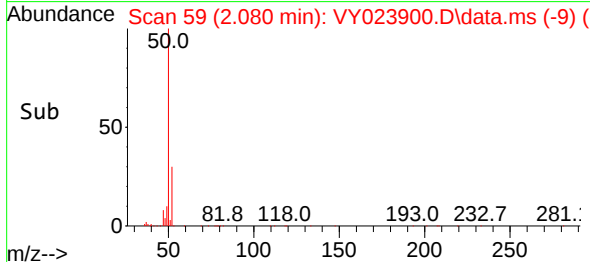
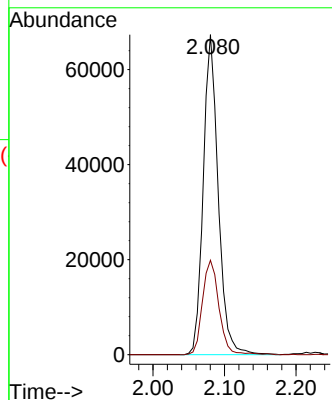
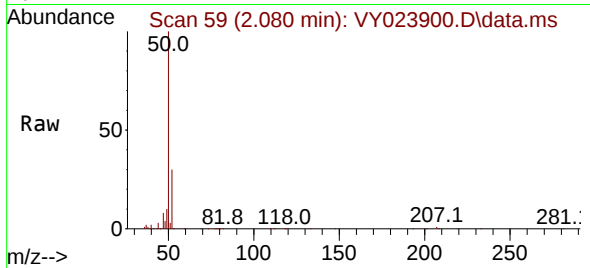




#3
Chloromethane
Concen: 20.643 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

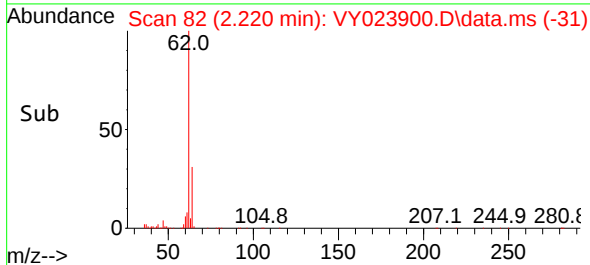
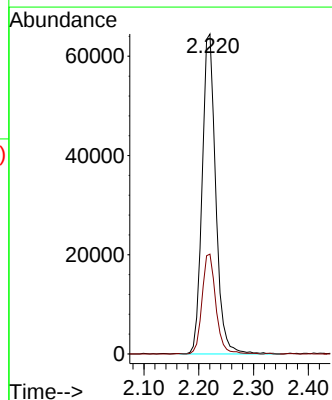
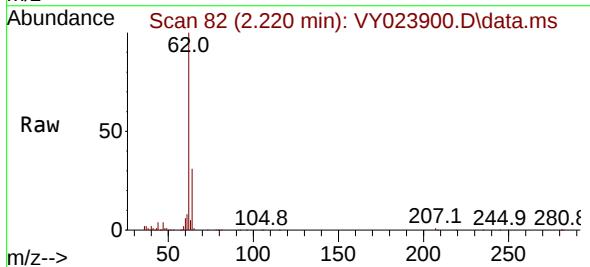
Instrument :
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ClientSampleId :
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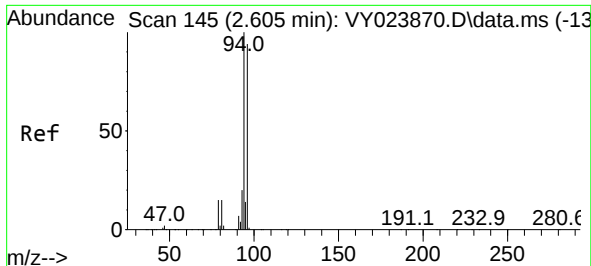
Tgt Ion: 50 Resp: 97892
Ion Ratio Lower Upper
50 100
52 29.5 25.2 37.8



#4
Vinyl Chloride
Concen: 20.534 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 62 Resp: 111071
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7

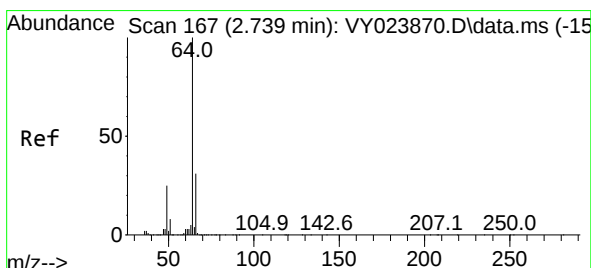
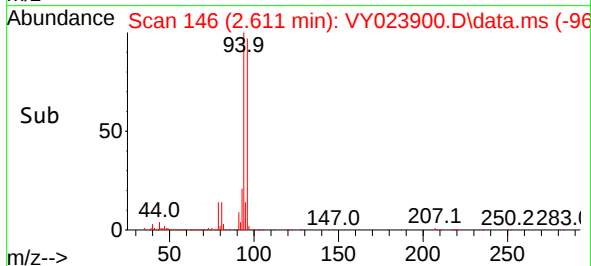
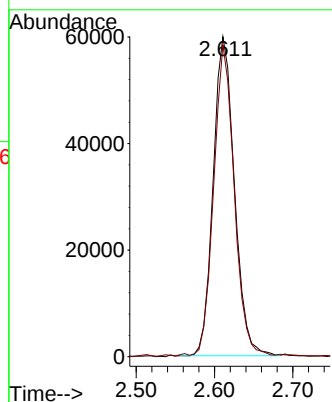
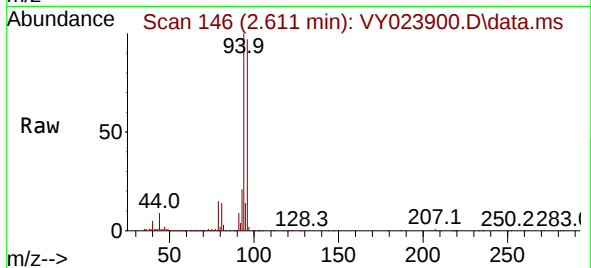




#5
Bromomethane
Concen: 28.874 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

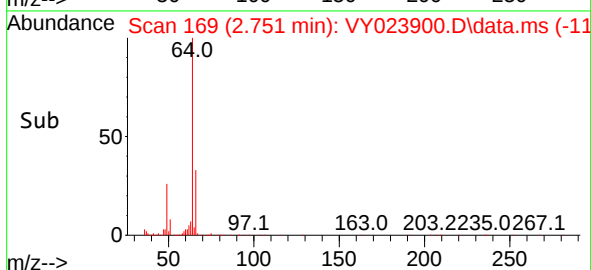
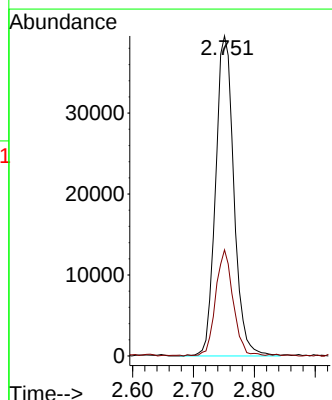
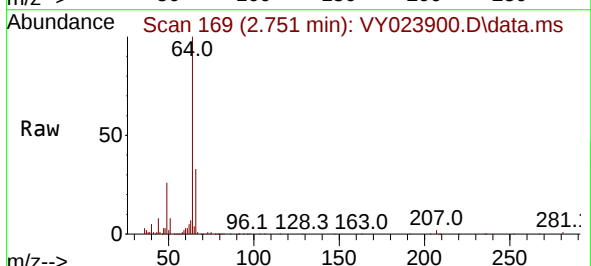
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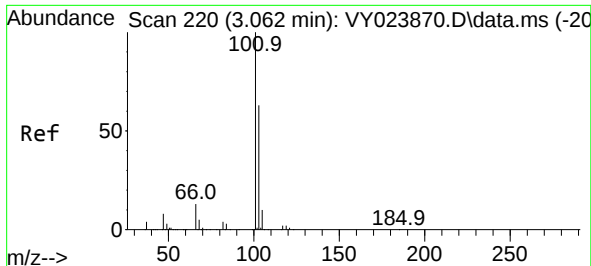
Tgt Ion: 94 Resp: 112771
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8



#6
Chloroethane
Concen: 22.459 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 64 Resp: 82363
Ion Ratio Lower Upper
64 100
66 32.9 24.8 37.2

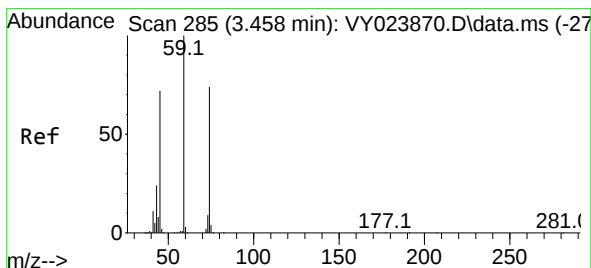
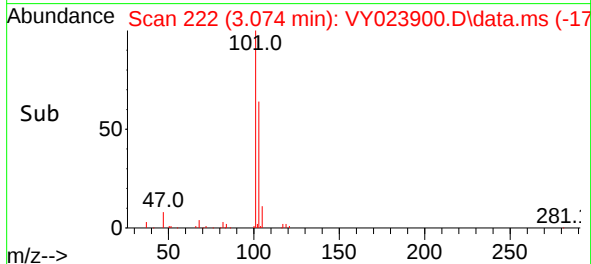
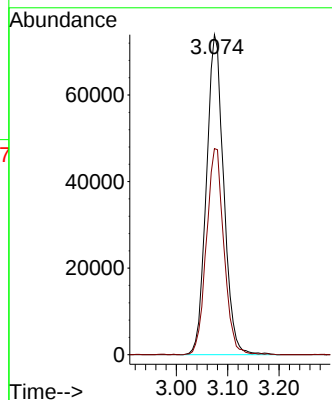
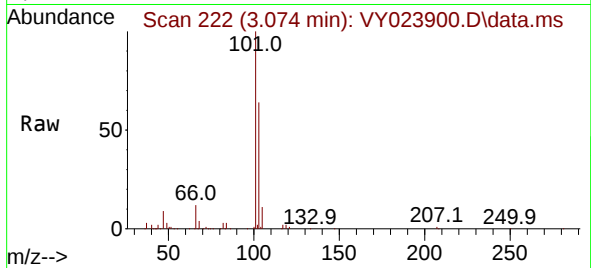




#7
Trichlorofluoromethane
Concen: 22.812 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

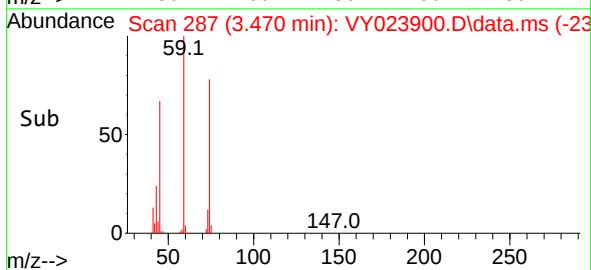
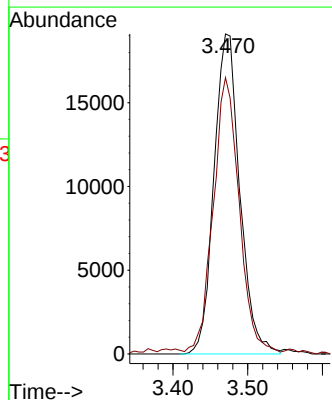
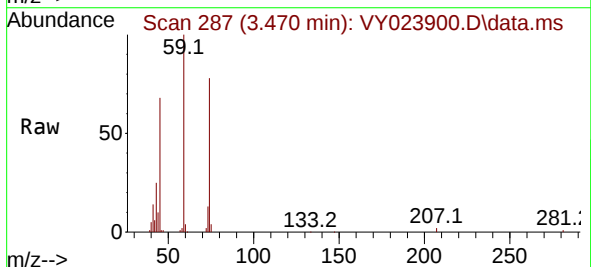
Instrument :
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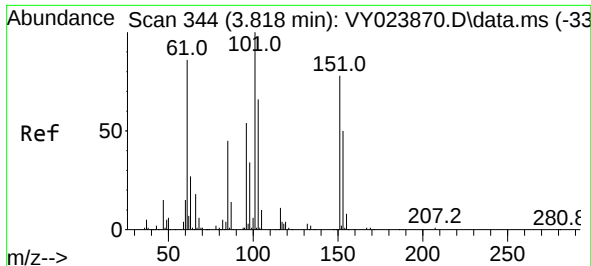
Tgt Ion:101 Resp: 172536
Ion Ratio Lower Upper
101 100
103 64.4 50.2 75.2



#8
Diethyl Ether
Concen: 20.258 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 74 Resp: 45901
Ion Ratio Lower Upper
74 100
45 85.2 48.4 145.3

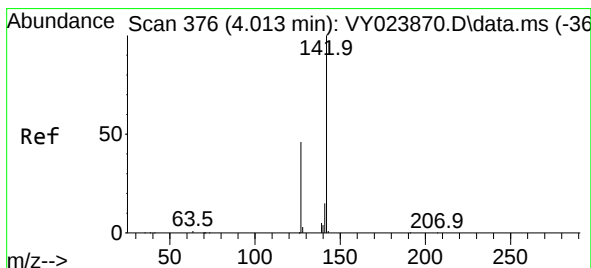
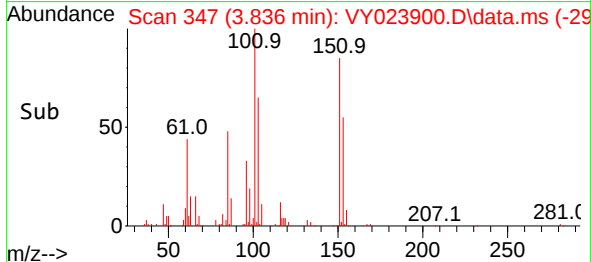
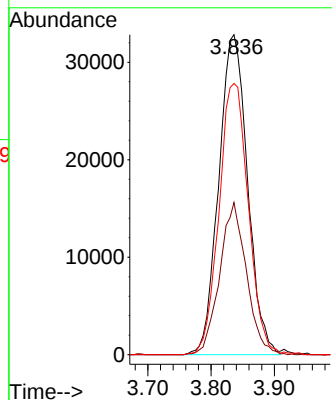
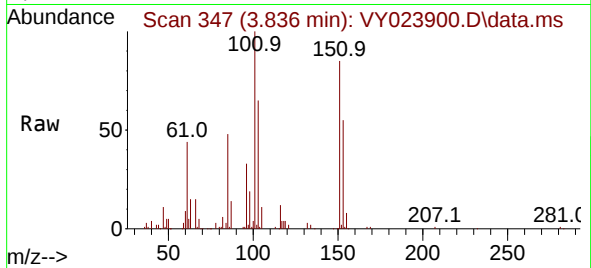




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.929 ug/l
RT: 3.836 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

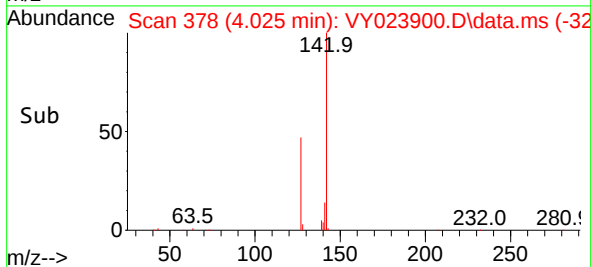
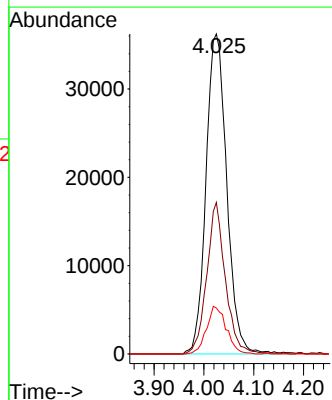
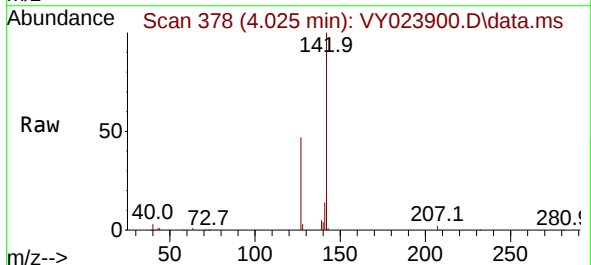
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

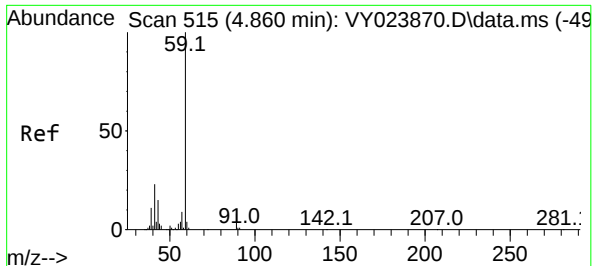
Tgt Ion:101 Resp: 103905
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.8
151 86.3 63.4 95.0



#10
Methyl Iodide
Concen: 22.269 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:142 Resp: 104749
Ion Ratio Lower Upper
142 100
127 42.7 36.1 54.1
141 14.2 11.8 17.8

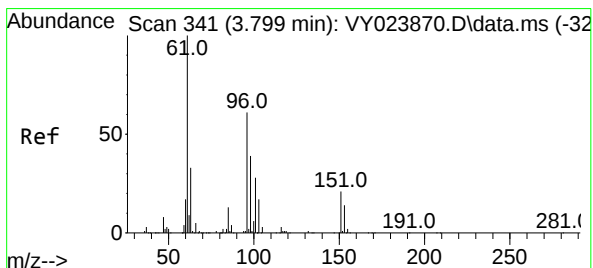
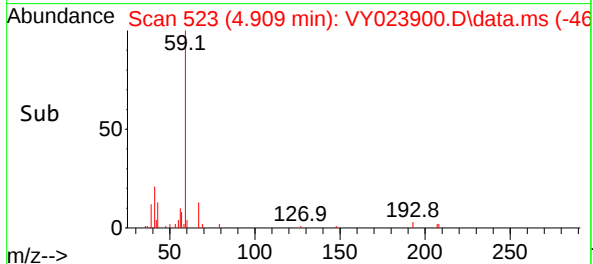
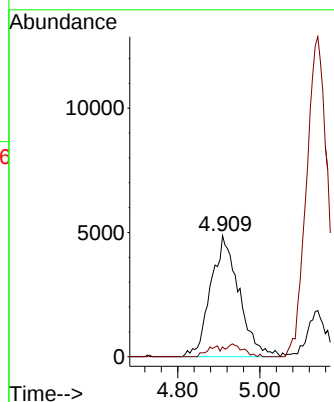
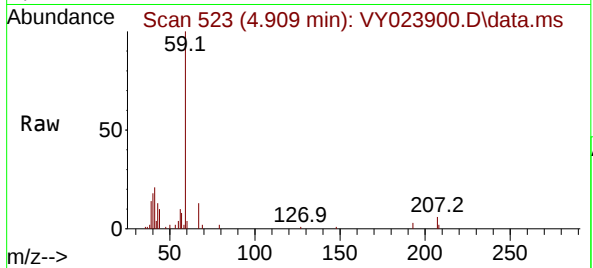




#11
Tert butyl alcohol
Concen: 64.480 ug/l
RT: 4.909 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

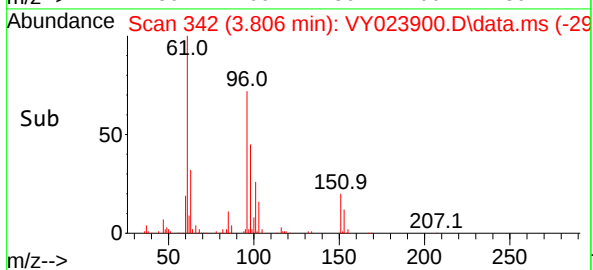
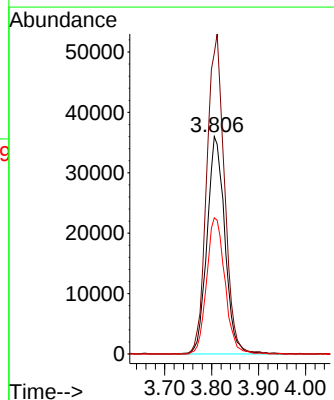
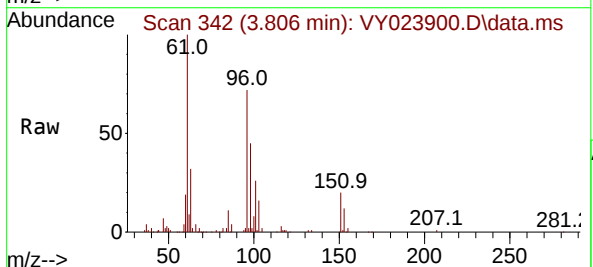
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

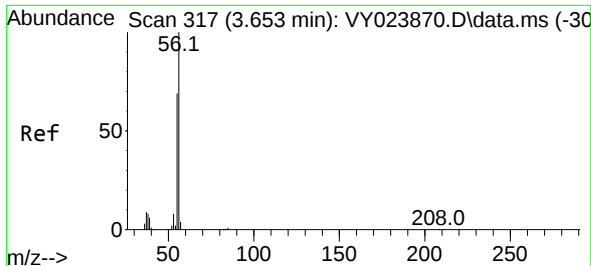
Tgt Ion: 59 Resp: 23312
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 22.344 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 96 Resp: 94606
Ion Ratio Lower Upper
96 100
61 138.3 131.2 196.8
98 62.6 51.3 76.9

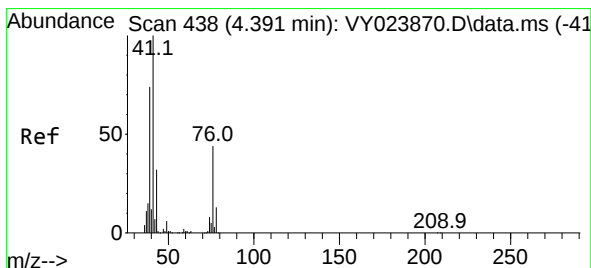
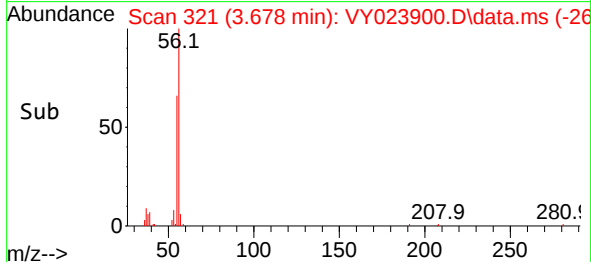
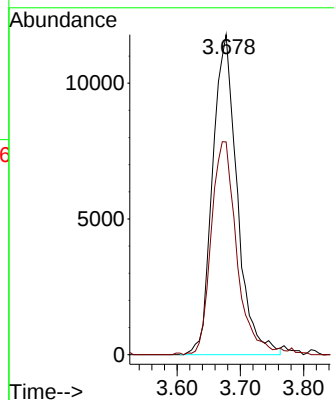
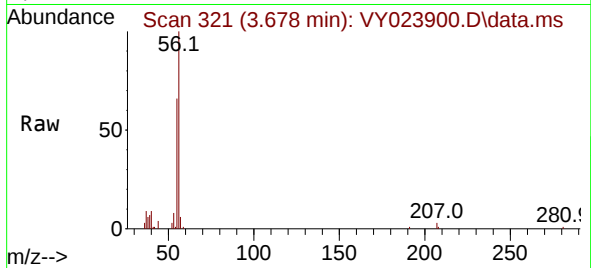




#13
Acrolein
Concen: 115.508 ug/l
RT: 3.678 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

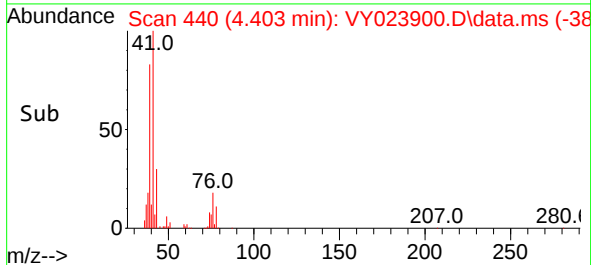
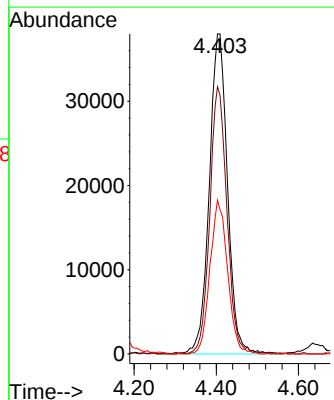
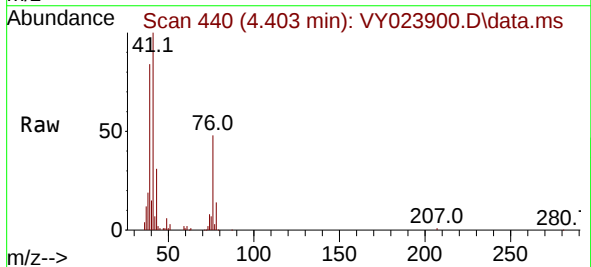
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

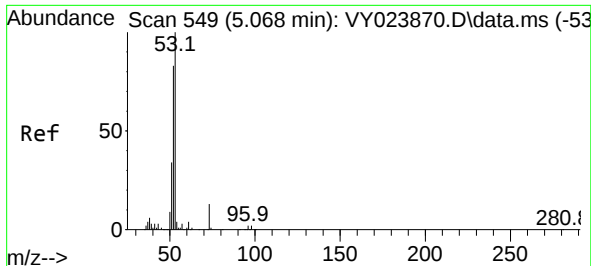
Tgt Ion: 56 Resp: 31705
Ion Ratio Lower Upper
56 100
55 69.6 59.0 88.6



#14
Allyl chloride
Concen: 17.291 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 41 Resp: 117052
Ion Ratio Lower Upper
41 100
39 78.3 57.4 86.0
76 46.4 30.8 46.2#

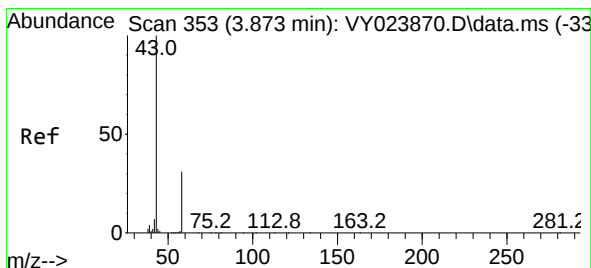
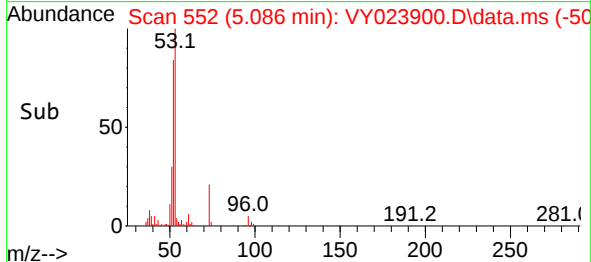
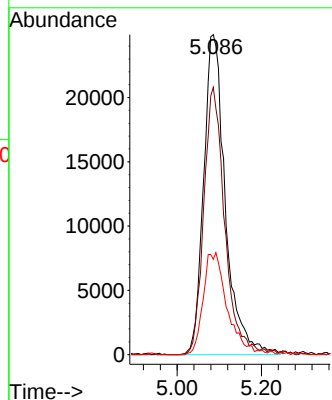
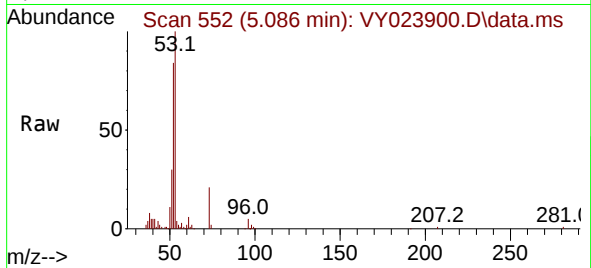




#15
Acrylonitrile
Concen: 90.731 ug/l
RT: 5.086 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

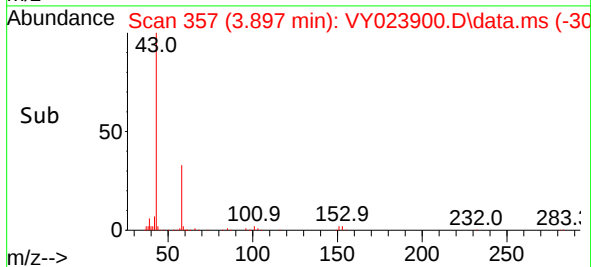
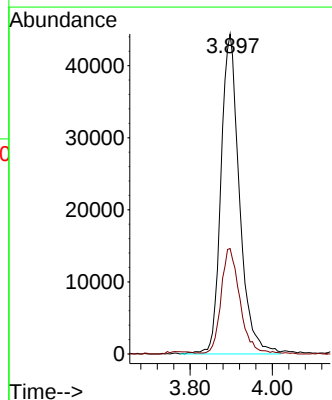
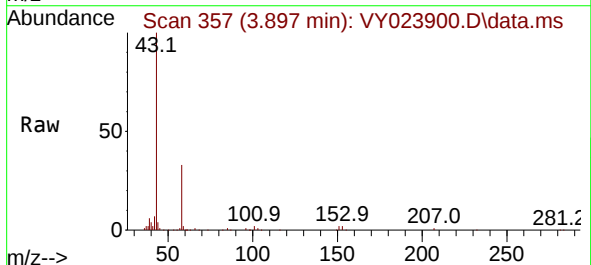
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

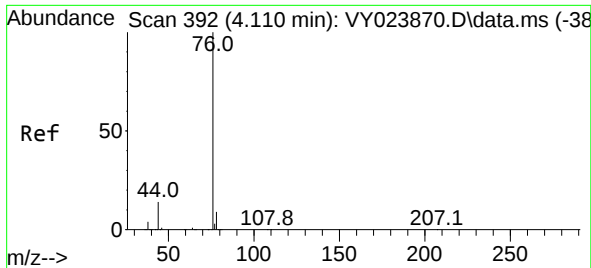
Tgt Ion: 53 Resp: 89477
Ion Ratio Lower Upper
53 100
52 80.4 65.1 97.7
51 34.9 29.5 44.3



#16
Acetone
Concen: 105.118 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.024 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 43 Resp: 138490
Ion Ratio Lower Upper
43 100
58 32.6 25.1 37.7

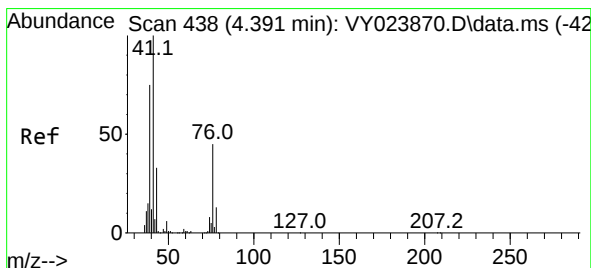
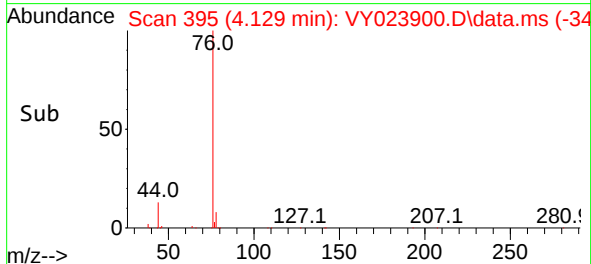
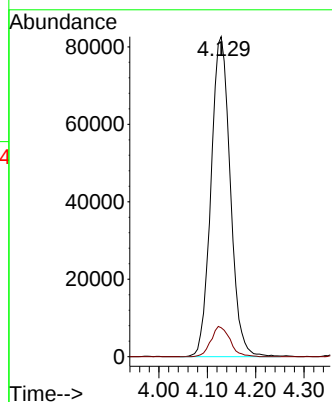
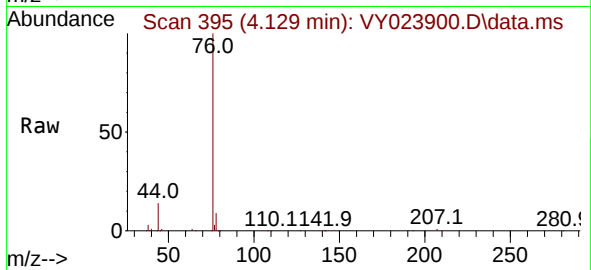




#17
Carbon Disulfide
Concen: 18.288 ug/l
RT: 4.129 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

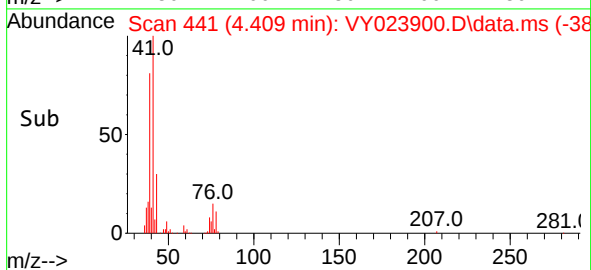
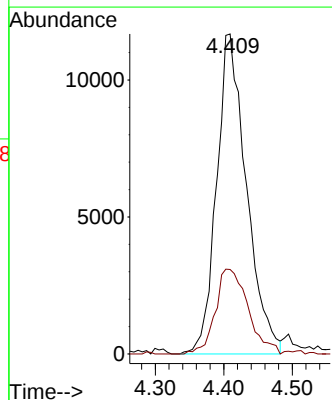
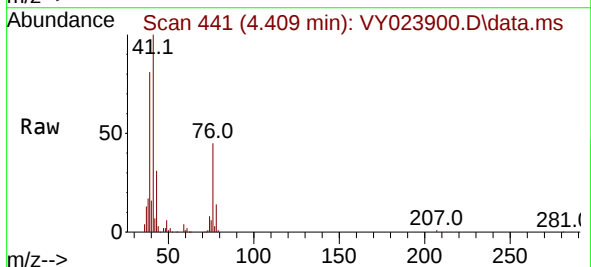
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

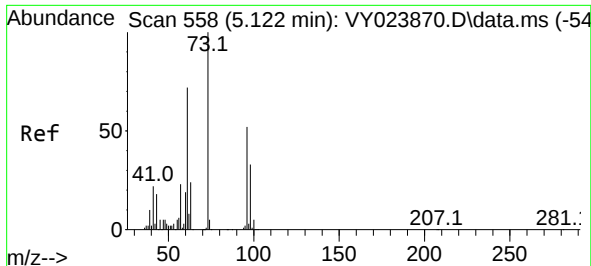
Tgt Ion: 76 Resp: 228783
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 15.797 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 43 Resp: 35301
Ion Ratio Lower Upper
43 100
74 29.1 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 21.127 ug/l

RT: 5.135 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

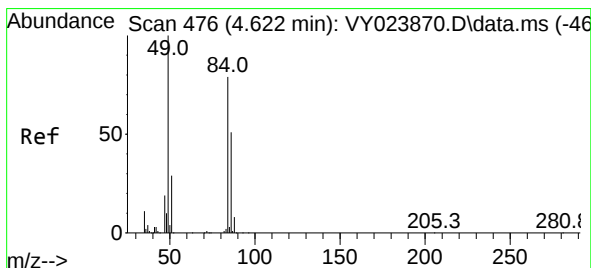
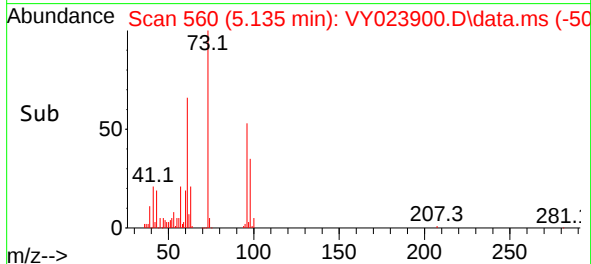
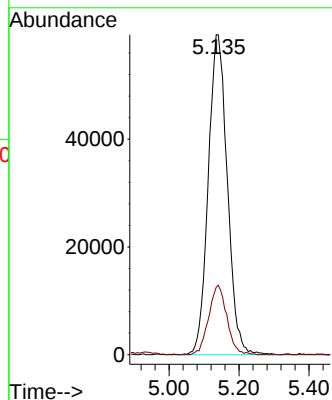
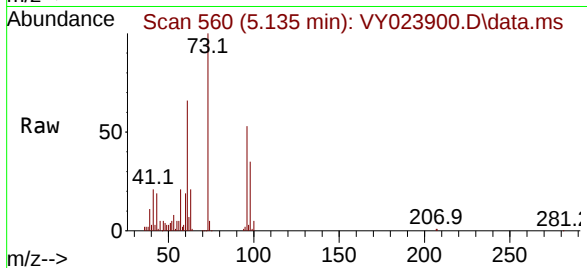
VY1209SBS01

Tgt Ion: 73 Resp: 224702

Ion Ratio Lower Upper

73 100

57 21.0 18.2 27.2



#20

Methylene Chloride

Concen: 23.287 ug/l

RT: 4.641 min Scan# 479

Delta R.T. 0.018 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Tgt Ion: 84 Resp: 115244

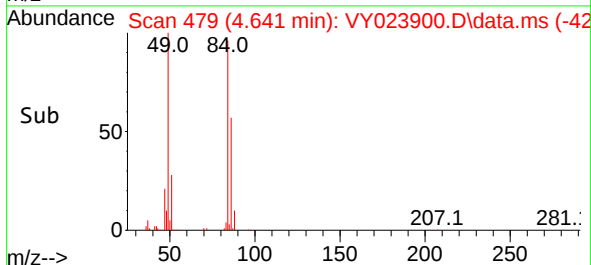
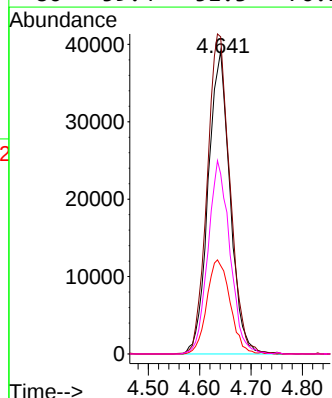
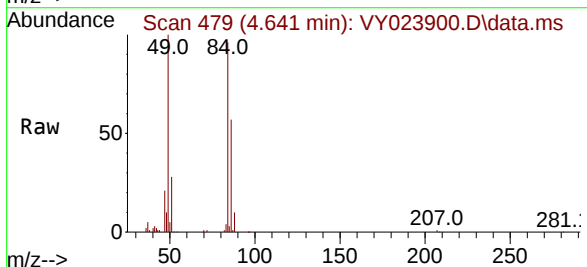
Ion Ratio Lower Upper

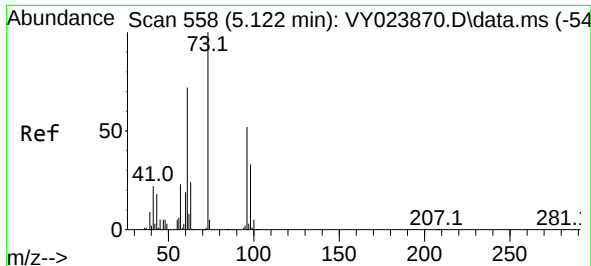
84 100

49 104.5 100.6 151.0

51 29.2 29.0 43.6

86 59.4 51.3 76.9

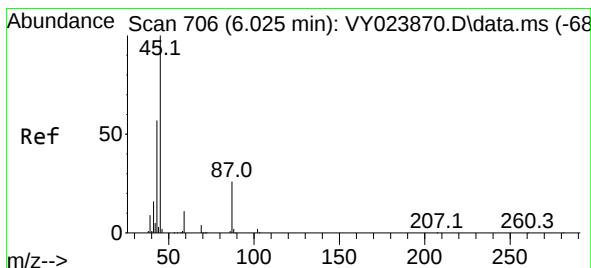
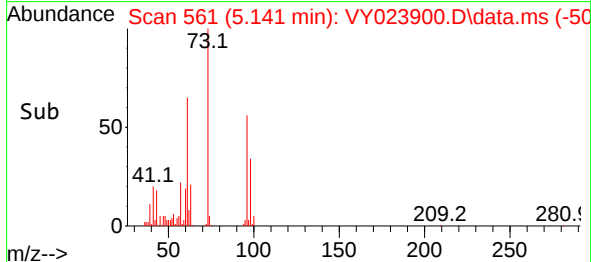
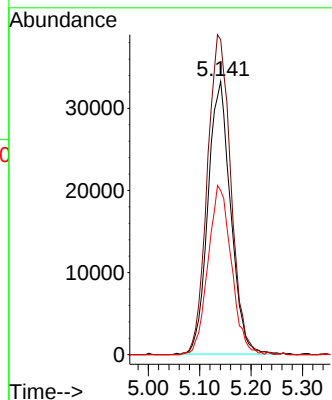
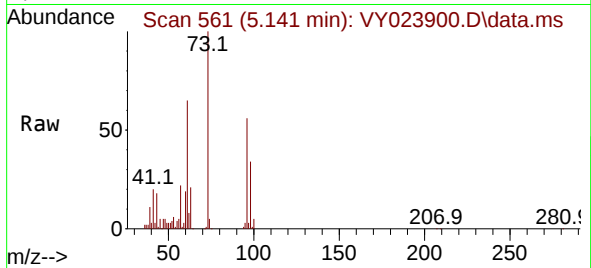




#21
trans-1,2-Dichloroethene
Concen: 21.775 ug/l
RT: 5.141 min Scan# 509
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

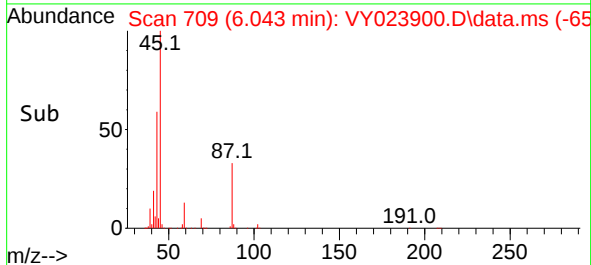
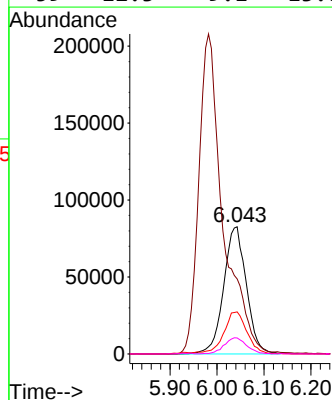
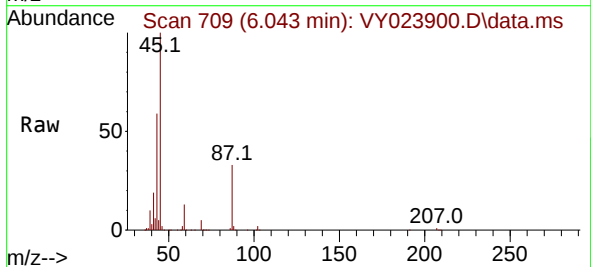
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

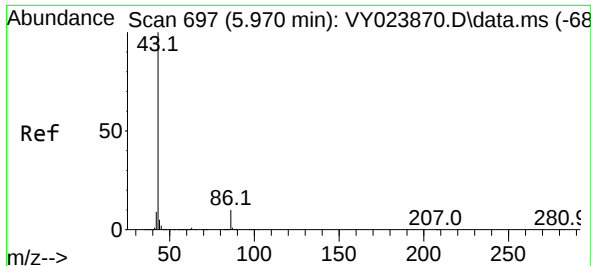
Tgt Ion: 96 Resp: 101718
Ion Ratio Lower Upper
96 100
61 115.4 111.7 167.5
98 60.1 51.5 77.3



#22
Diisopropyl ether
Concen: 18.608 ug/l
RT: 6.043 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 45 Resp: 277358
Ion Ratio Lower Upper
45 100
43 58.4 45.5 68.3
87 32.7 20.7 31.1#
59 12.3 9.1 13.7

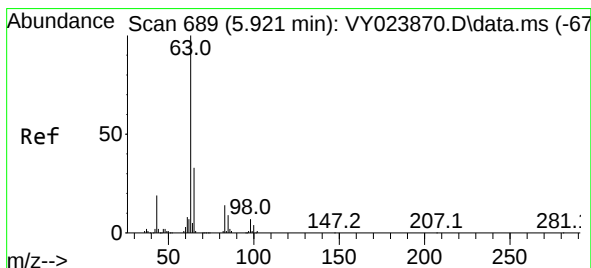
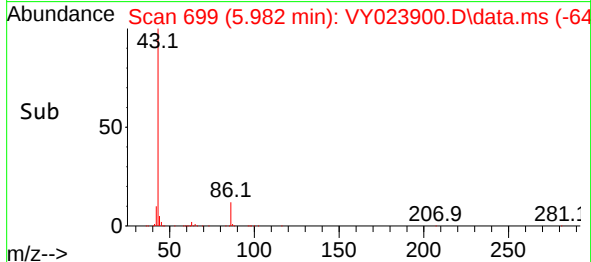
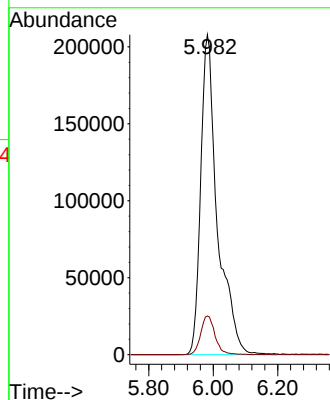
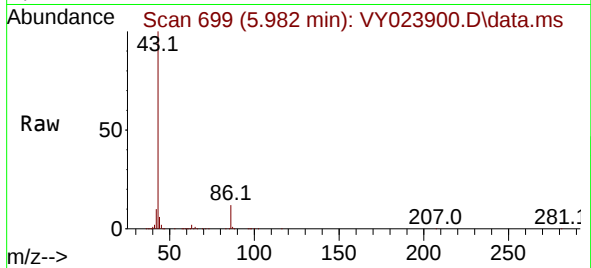




#23
 Vinyl Acetate
 Concen: 90.456 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

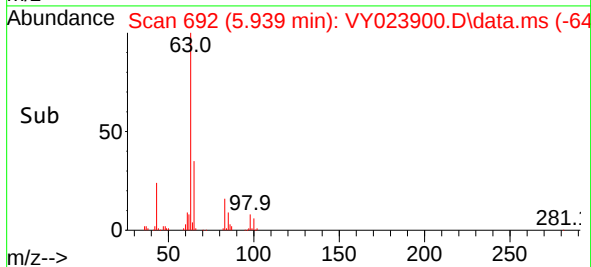
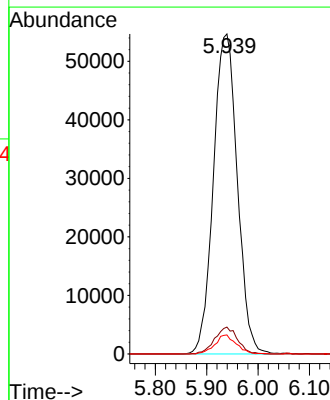
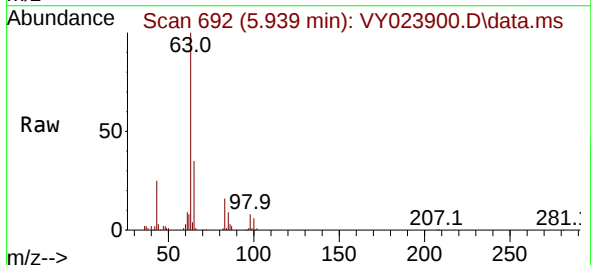
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

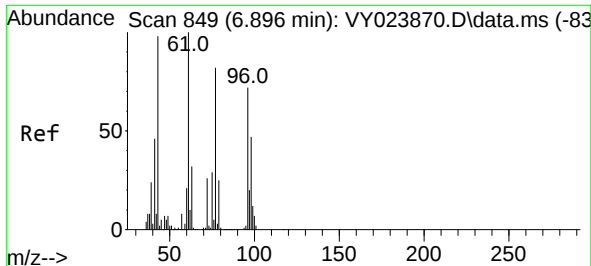
Tgt Ion: 43 Resp: 747359
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 20.518 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.018 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

Tgt Ion: 63 Resp: 176702
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.4 10.1
 100 6.0 2.2 6.6

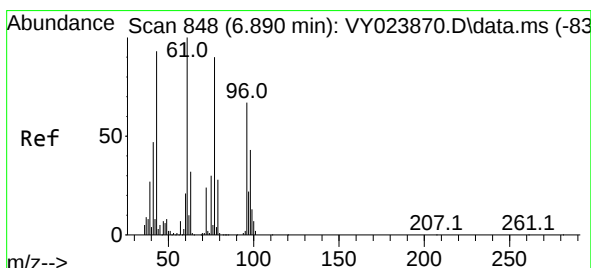
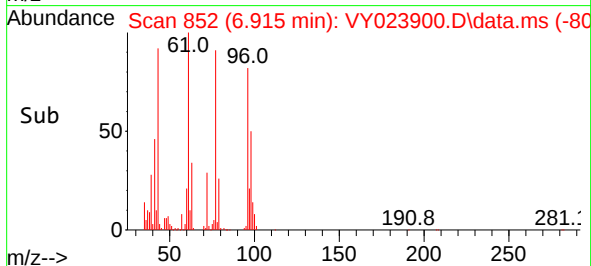
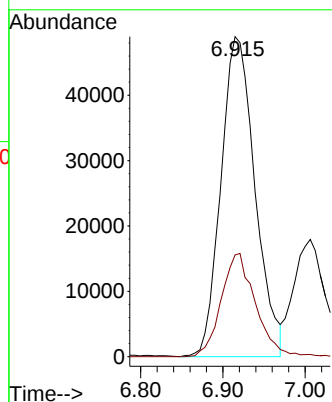
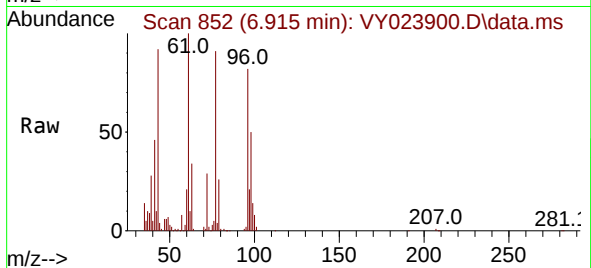




#25
2-Butanone
Concen: 88.830 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

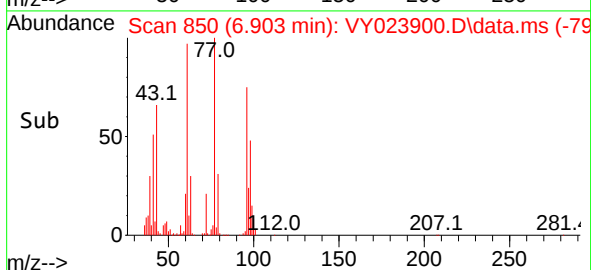
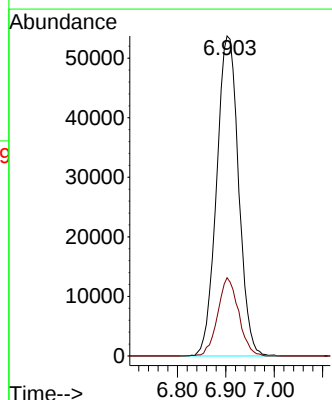
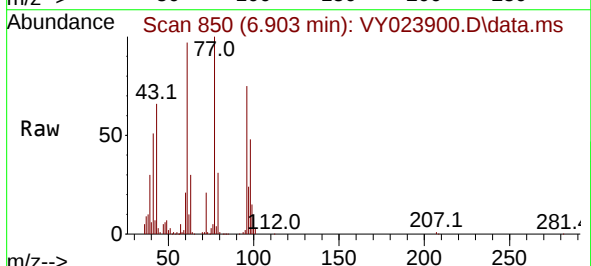
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

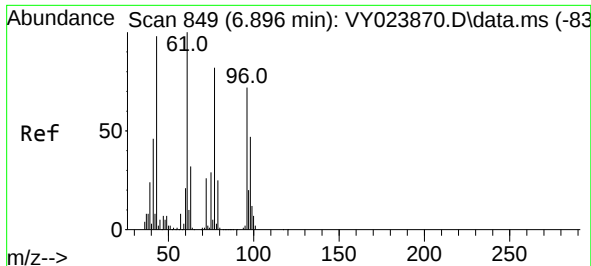
Tgt Ion: 43 Resp: 141081
Ion Ratio Lower Upper
43 100
72 31.8 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 21.469 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 77 Resp: 169457
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8

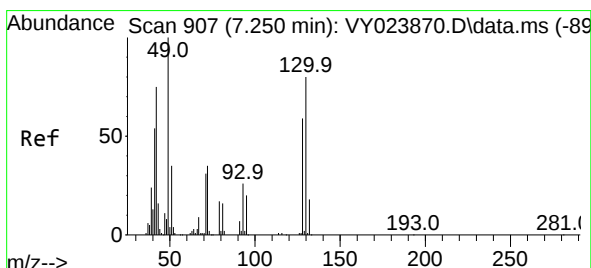
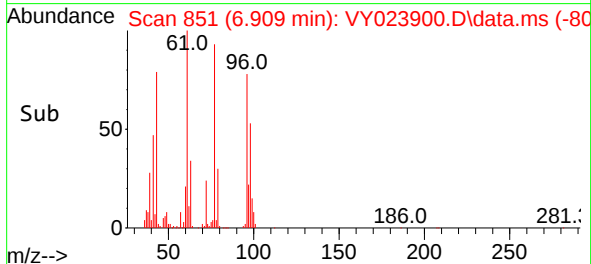
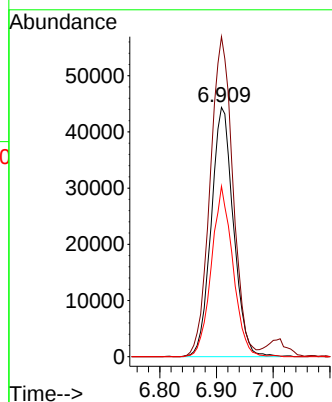
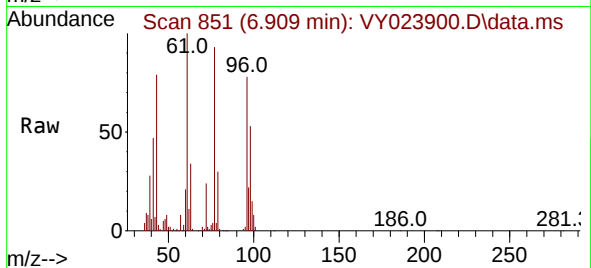




#27
 cis-1,2-Dichloroethene
 Concen: 22.335 ug/l
 RT: 6.909 min Scan# 849
 Delta R.T. 0.012 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

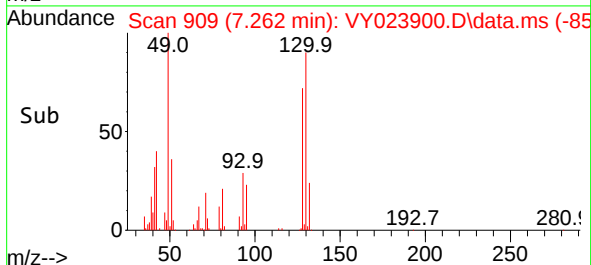
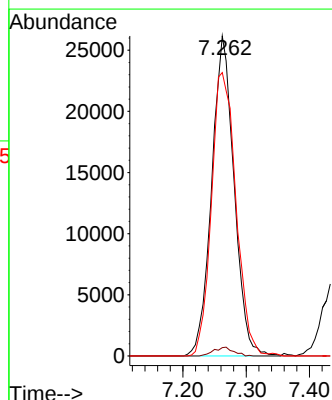
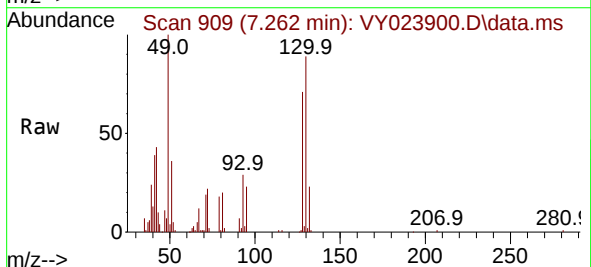
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

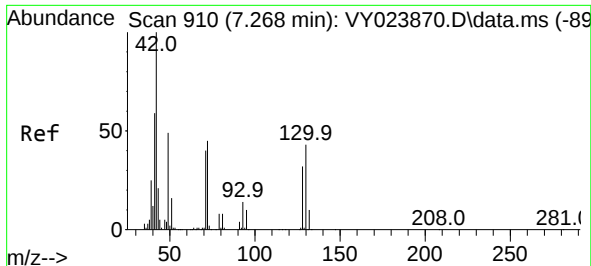
Tgt Ion: 96 Resp: 121153
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 292.8
 98 65.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.545 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

Tgt Ion: 49 Resp: 64313
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 97.1 61.0 91.6#





#29

Tetrahydrofuran

Concen: 76.747 ug/l

RT: 7.287 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

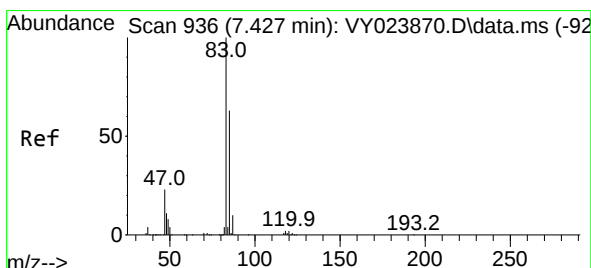
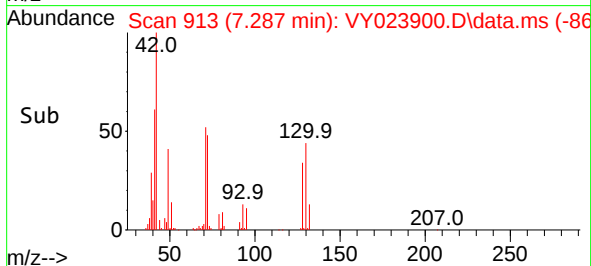
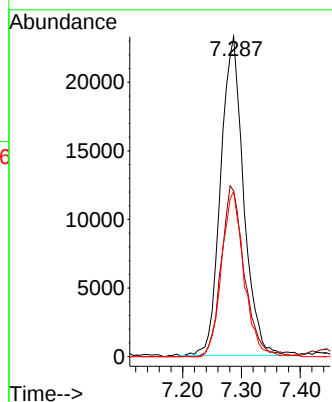
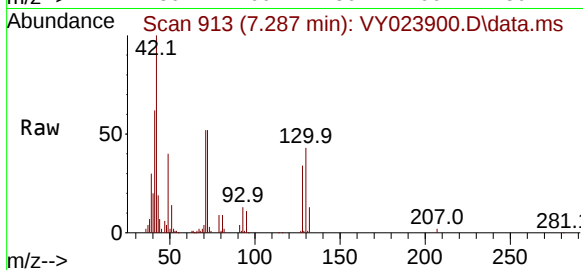
Tgt Ion: 42 Resp: 63038

Ion Ratio Lower Upper

42 100

72 54.1 35.6 53.4#

71 50.5 32.5 48.7#



#30

Chloroform

Concen: 22.331 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023900.D

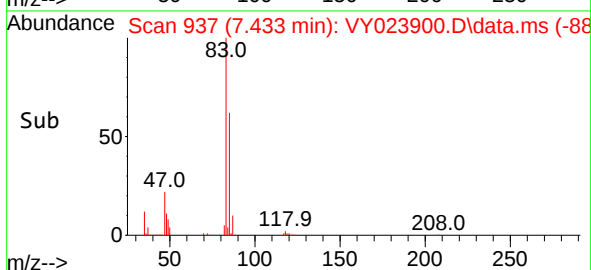
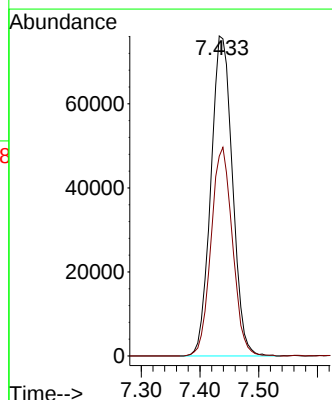
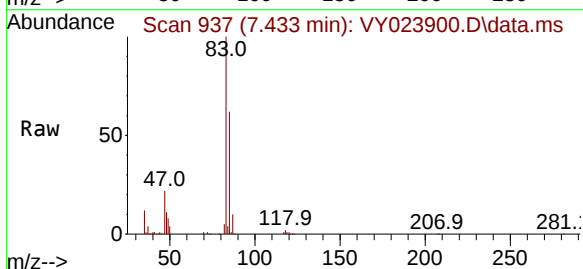
Acq: 09 Dec 2025 11:56

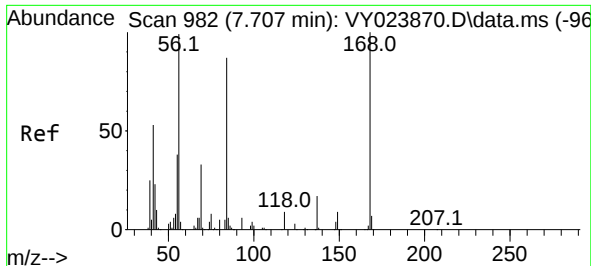
Tgt Ion: 83 Resp: 194330

Ion Ratio Lower Upper

83 100

85 62.4 50.6 76.0

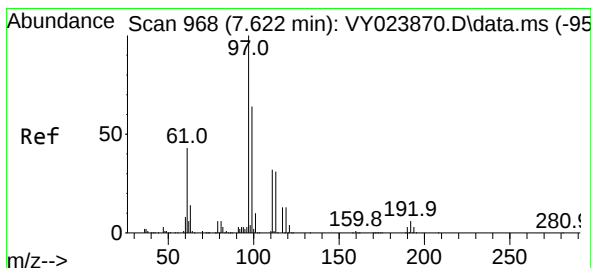
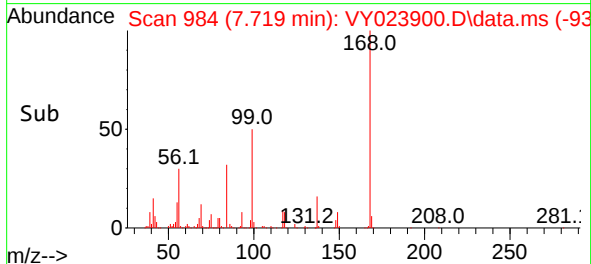
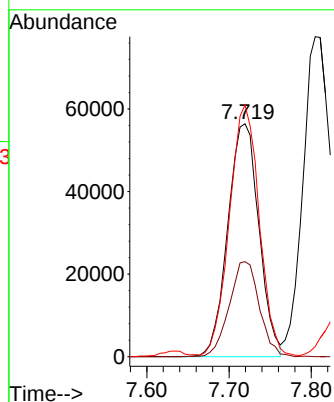
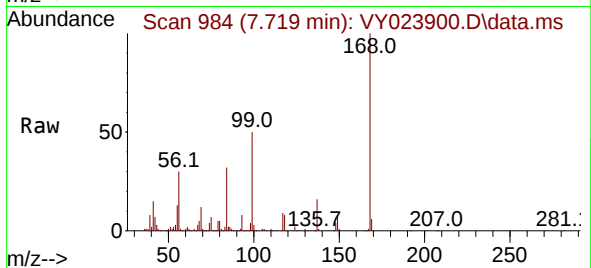




#31
Cyclohexane
Concen: 18.042 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

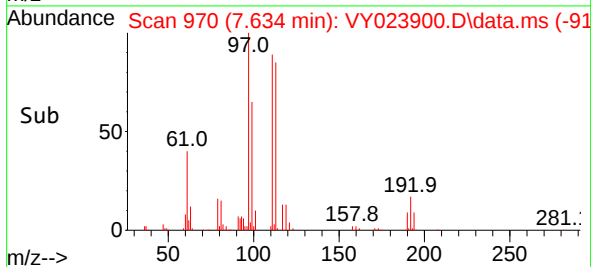
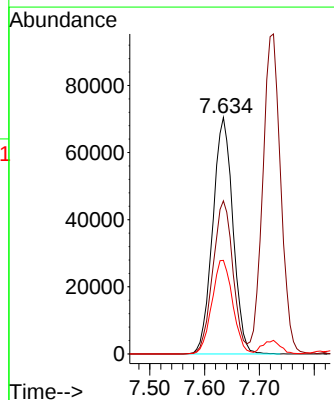
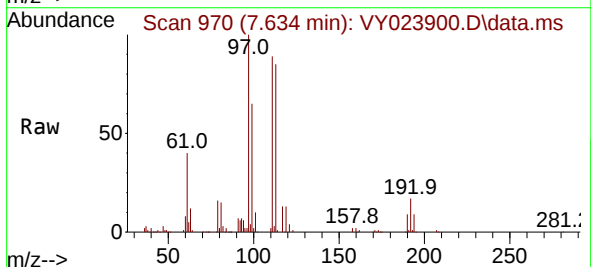
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

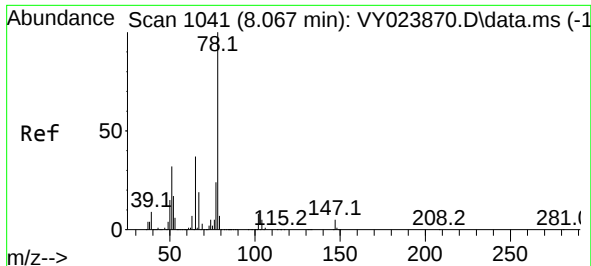
Tgt Ion: 56 Resp: 148555
Ion Ratio Lower Upper
56 100
69 40.8 26.8 40.2#
84 105.8 70.4 105.6#



#32
1,1,1-Trichloroethane
Concen: 22.897 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 97 Resp: 179873
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 40.7 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

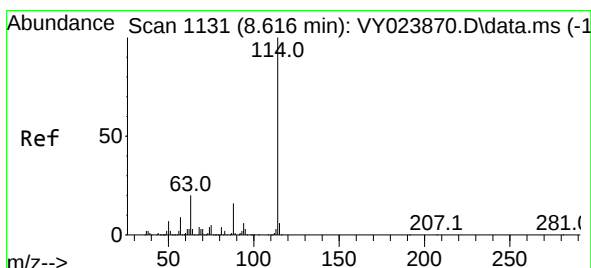
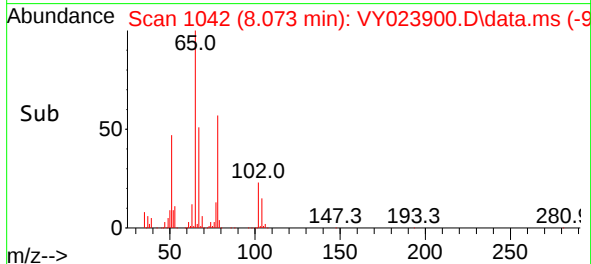
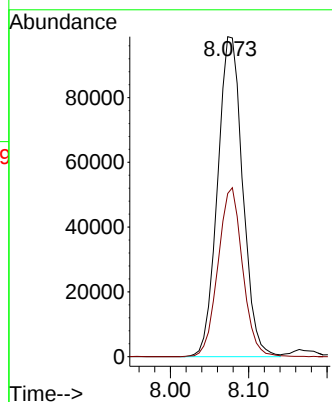
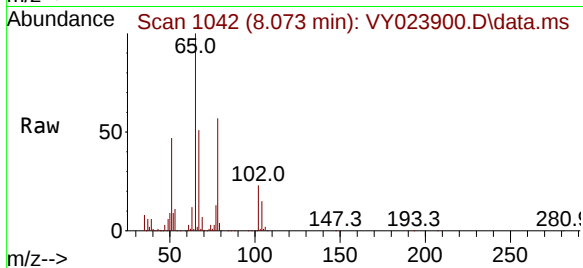
VY1209SBS01

Tgt Ion: 65 Resp: 220275

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

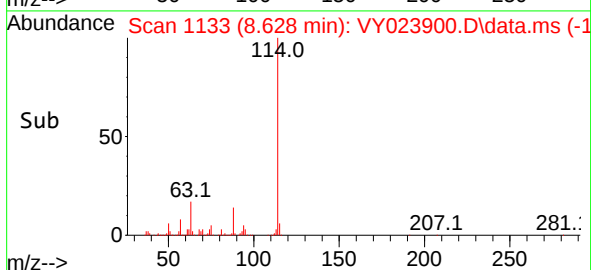
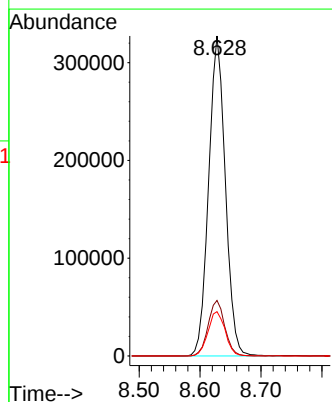
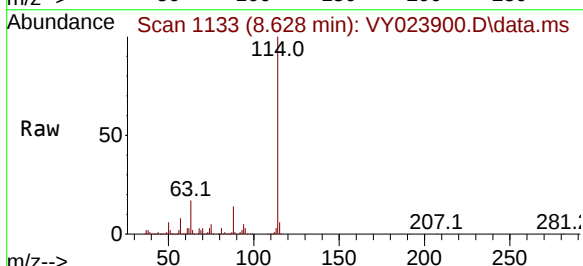
Tgt Ion: 114 Resp: 622948

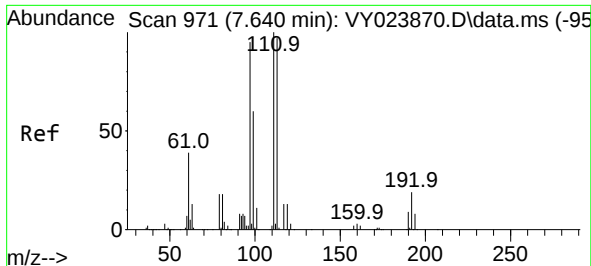
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.2

88 13.9 0.0 31.4

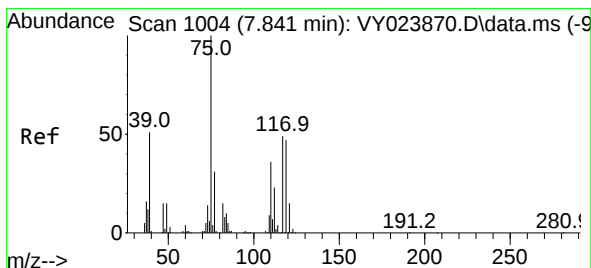
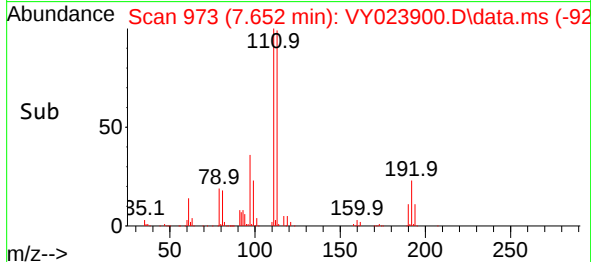
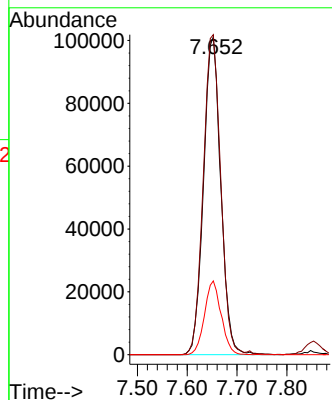
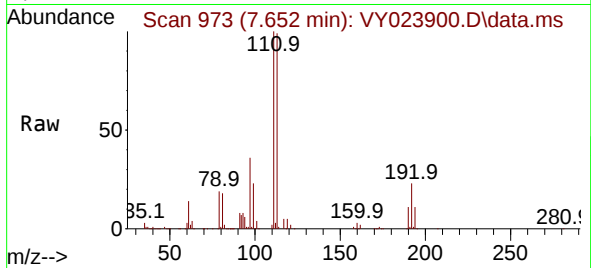




#35
Dibromofluoromethane
Concen: 60.749 ug/l
RT: 7.652 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

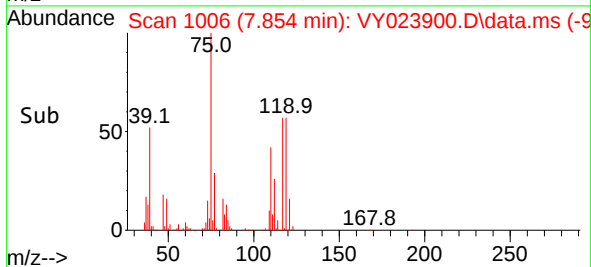
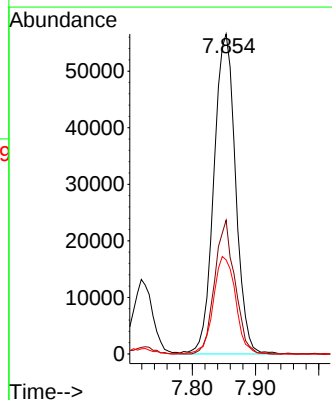
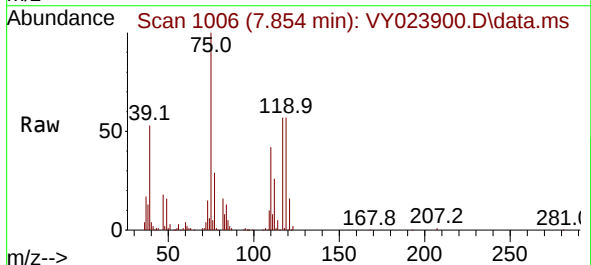
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

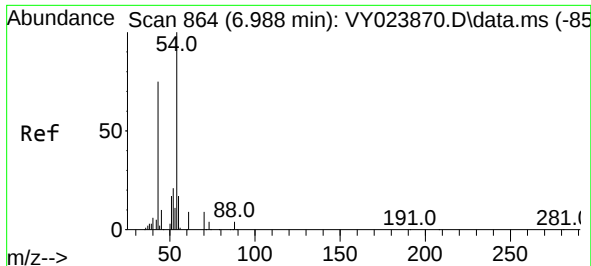
Tgt Ion:113 Resp: 242718
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 22.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 22.842 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 75 Resp: 134570
Ion Ratio Lower Upper
75 100
110 38.9 17.6 52.9
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 18.282 ug/l

RT: 7.006 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

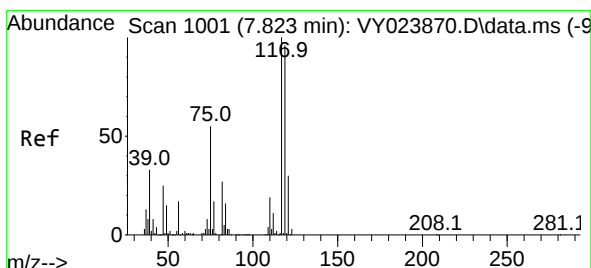
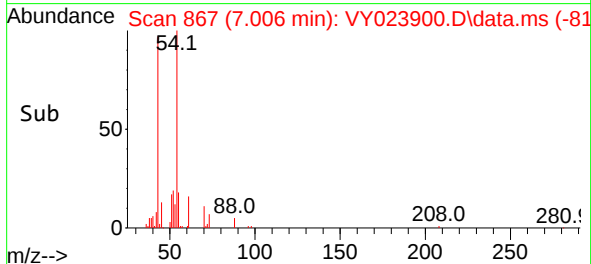
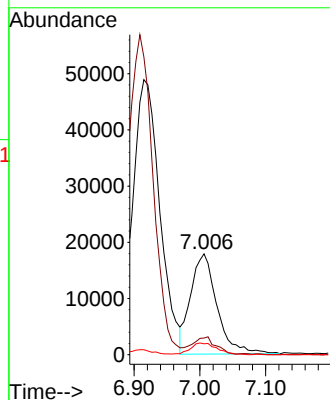
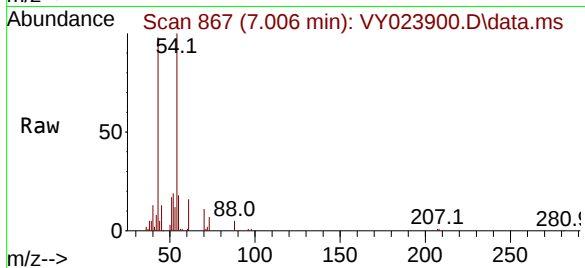
Tgt Ion: 43 Resp: 49735

Ion Ratio Lower Upper

43 100

61 14.9 11.0 16.4

70 11.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 25.340 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

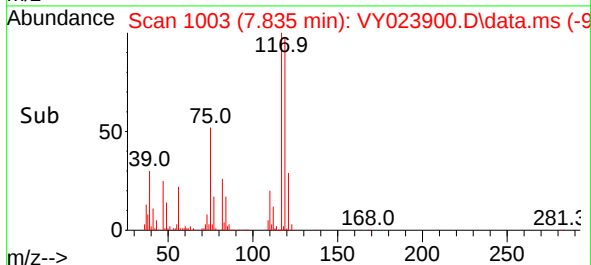
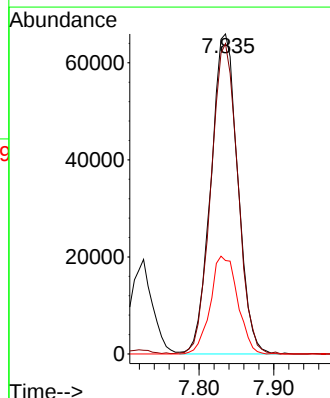
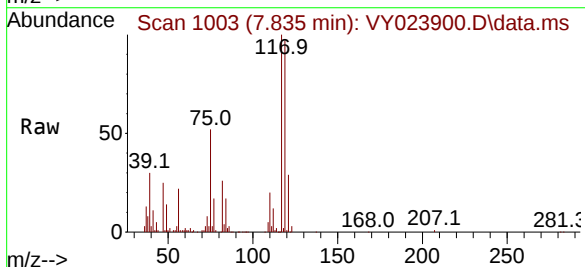
Tgt Ion: 117 Resp: 164768

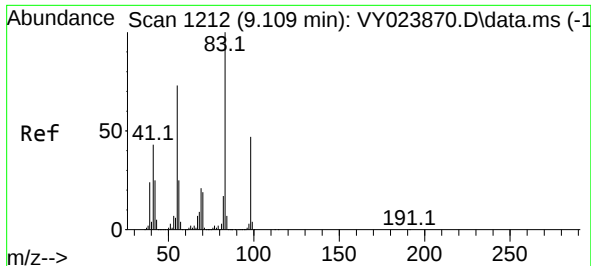
Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.6

121 29.2 23.9 35.9





#39

Methylcyclohexane

Concen: 22.589 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

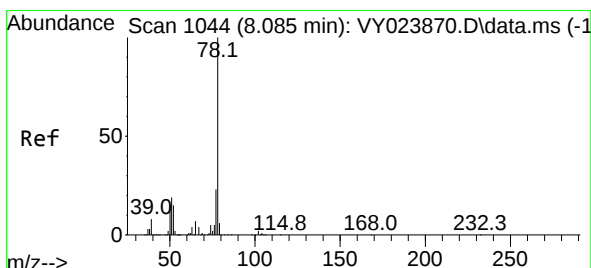
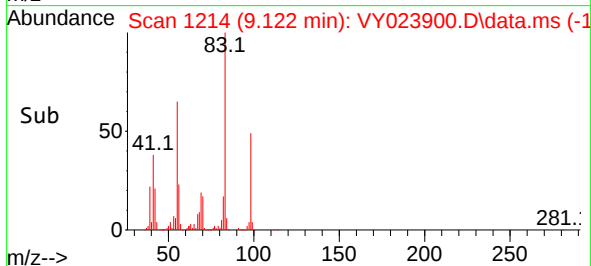
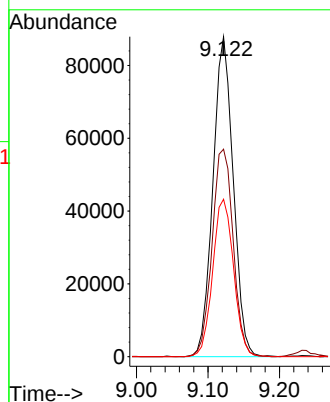
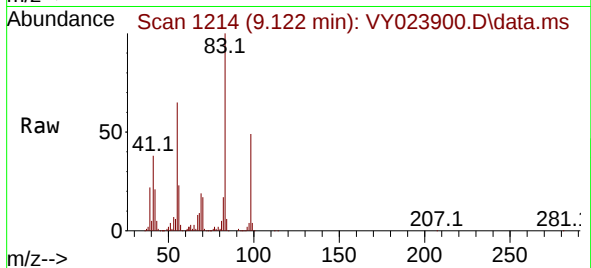
Tgt Ion: 83 Resp: 173230

Ion Ratio Lower Upper

83 100

55 64.8 58.8 88.2

98 49.2 37.8 56.6



#40

Benzene

Concen: 22.912 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. 0.012 min

Lab File: VY023900.D

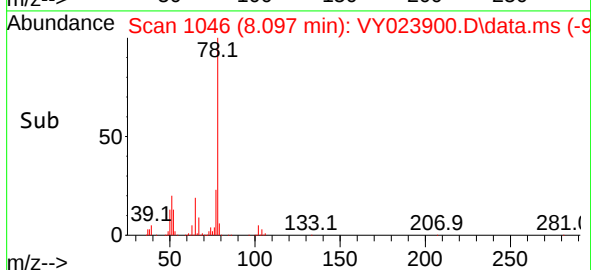
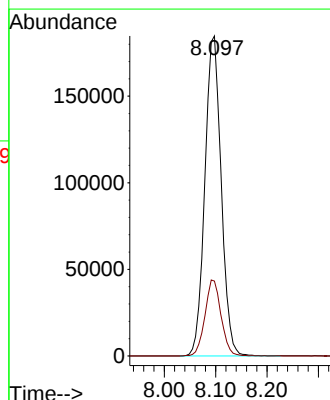
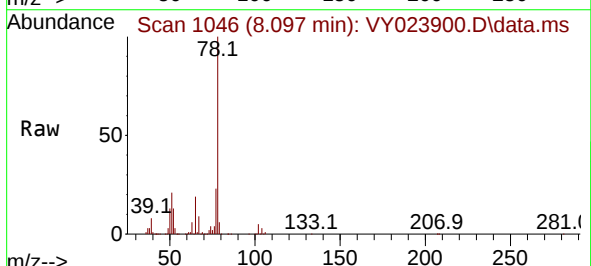
Acq: 09 Dec 2025 11:56

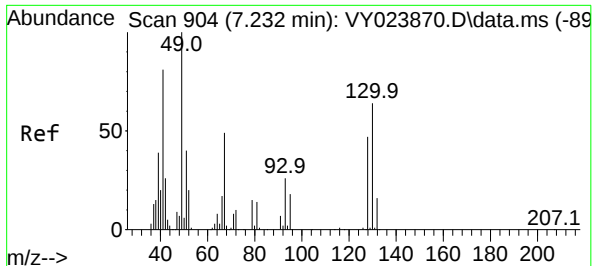
Tgt Ion: 78 Resp: 408004

Ion Ratio Lower Upper

78 100

77 23.4 18.6 28.0

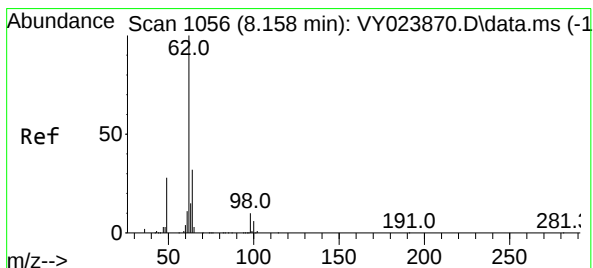
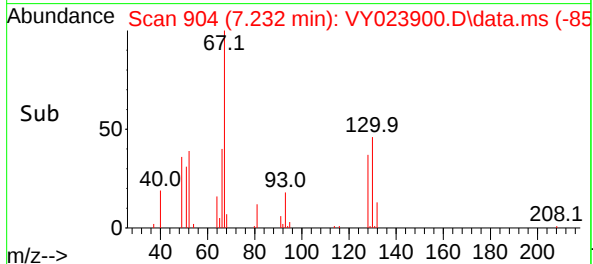
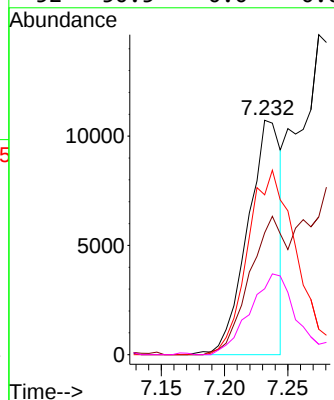
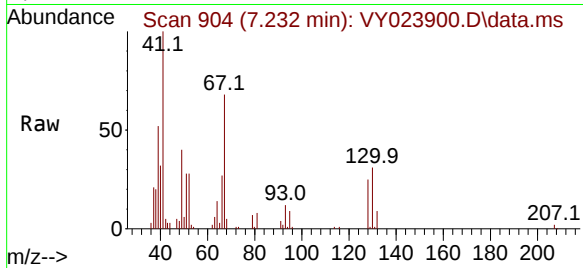




#41
Methacrylonitrile
Concen: 13.949 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

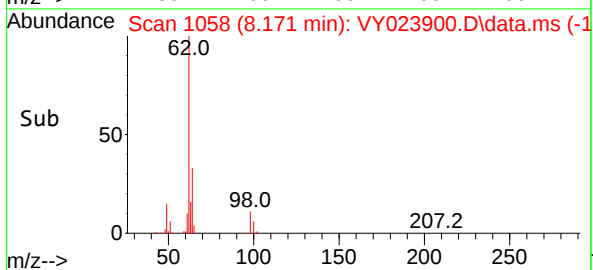
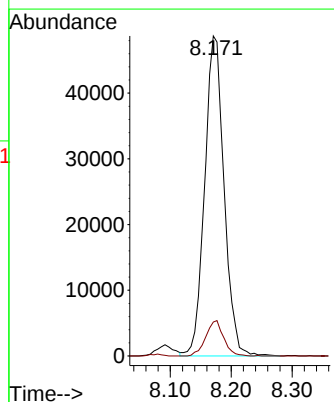
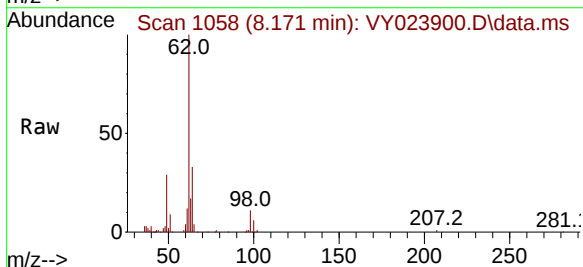
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

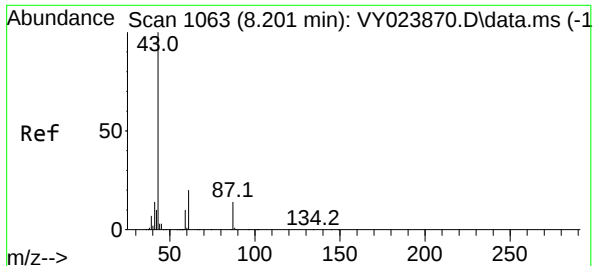
Tgt Ion: 41 Resp: 19561
Ion Ratio Lower Upper
41 100
39 65.6 49.4 74.2
67 117.6 0.0 0.0#
52 50.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 23.239 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 62 Resp: 107988
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2

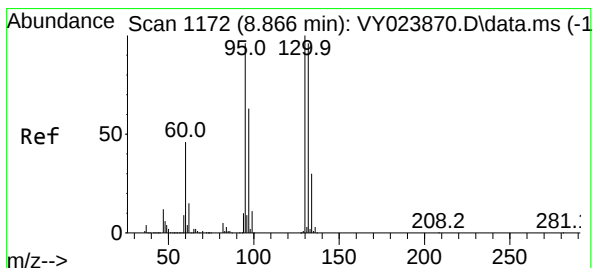
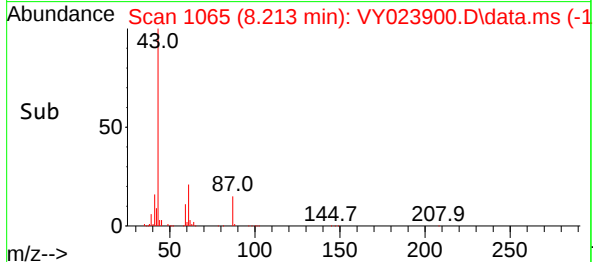
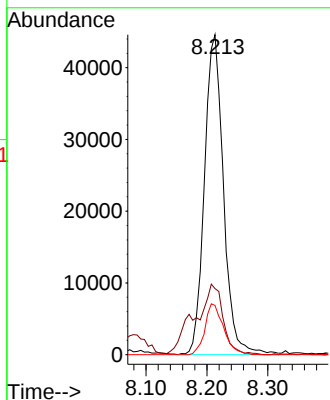
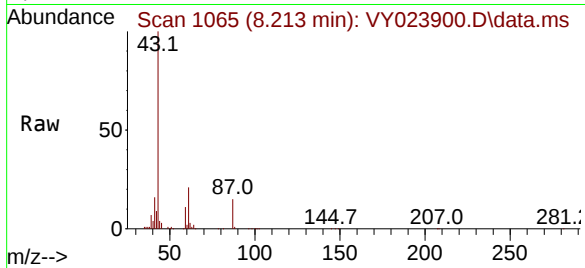




#43
Isopropyl Acetate
Concen: 19.075 ug/l
RT: 8.213 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

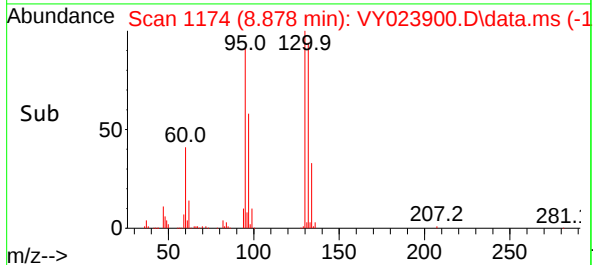
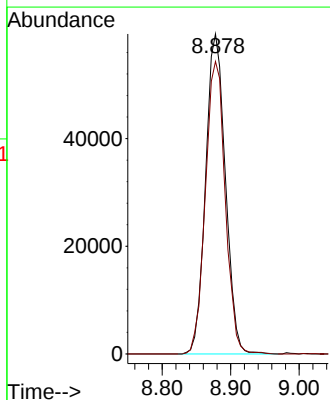
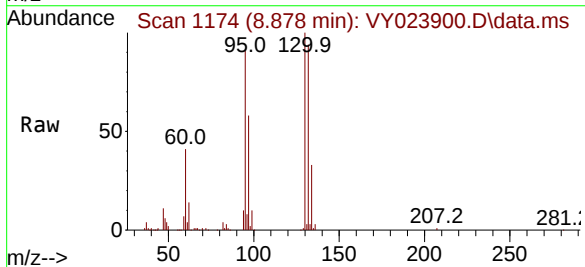
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

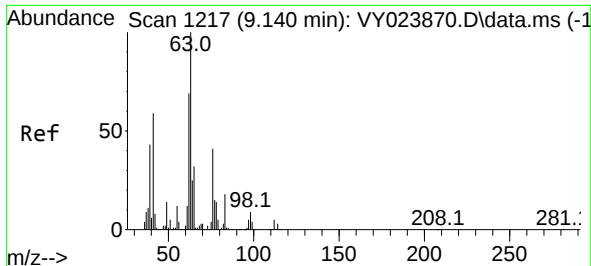
Tgt Ion: 43 Resp: 97091
Ion Ratio Lower Upper
43 100
61 20.8 24.2 36.4#
87 15.6 11.0 16.4



#44
Trichloroethene
Concen: 26.019 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:130 Resp: 119217
Ion Ratio Lower Upper
130 100
95 91.4 0.0 192.4





#45

1,2-Dichloropropane

Concen: 22.039 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

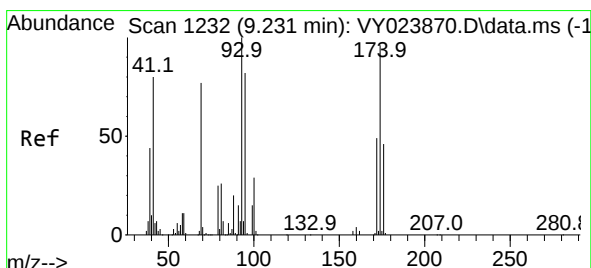
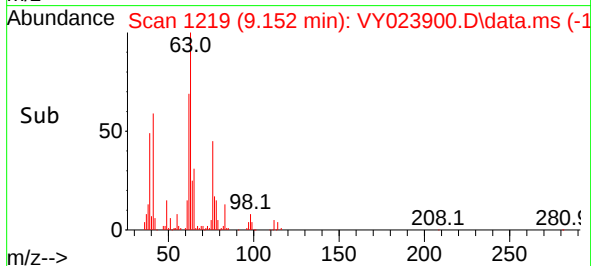
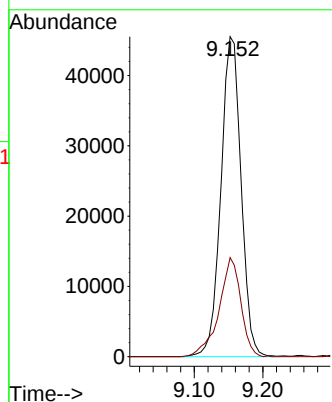
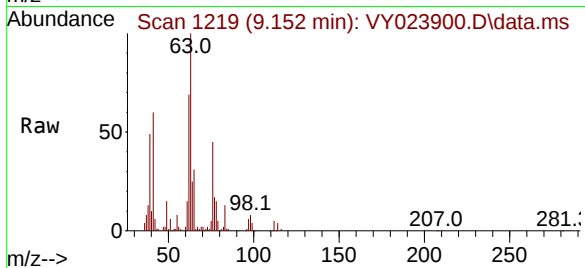
VY1209SBS01

Tgt Ion: 63 Resp: 92924

Ion Ratio Lower Upper

63 100

65 30.9 25.6 38.4



#46

Dibromomethane

Concen: 24.036 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

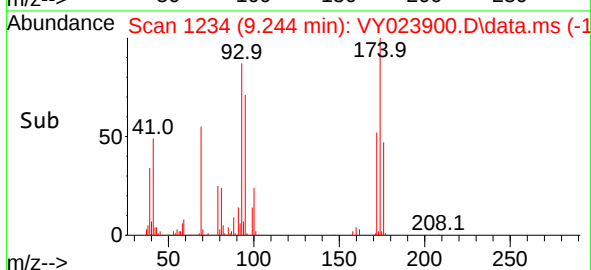
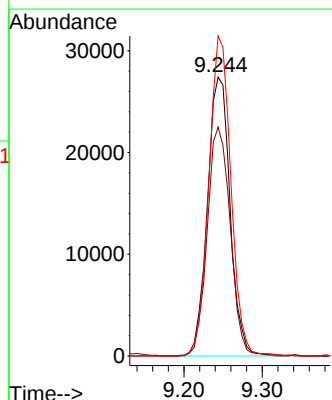
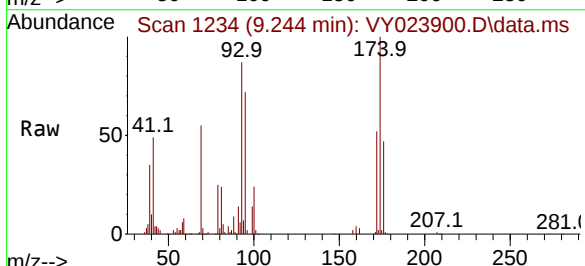
Tgt Ion: 93 Resp: 54866

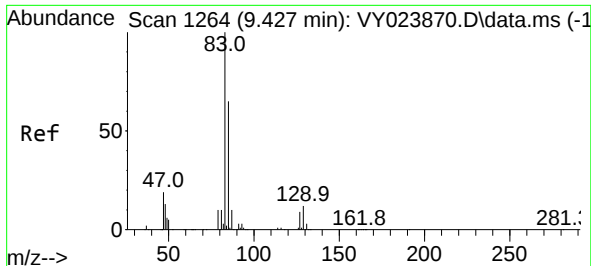
Ion Ratio Lower Upper

93 100

95 83.8 66.4 99.6

174 112.5 81.4 122.0

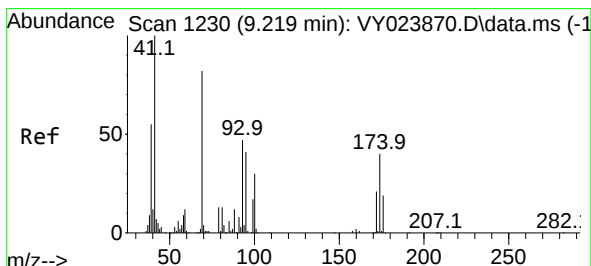
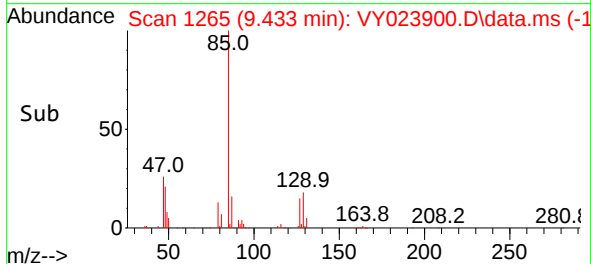
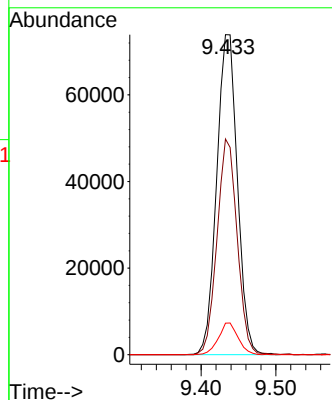
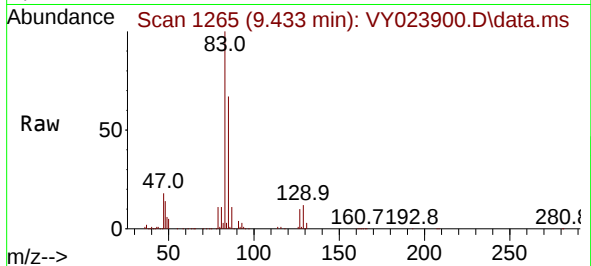




#47
Bromodichloromethane
Concen: 23.651 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

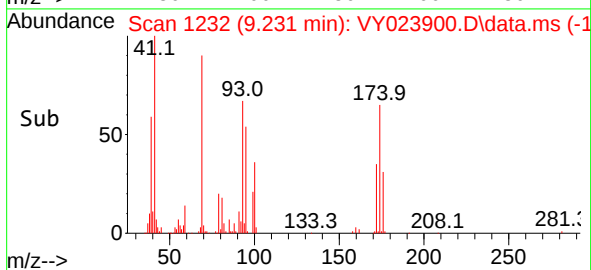
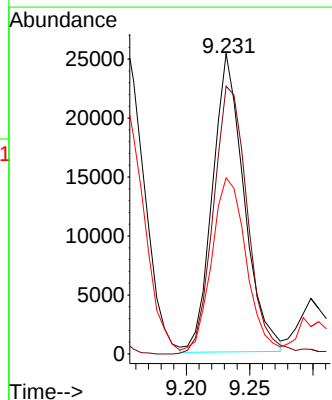
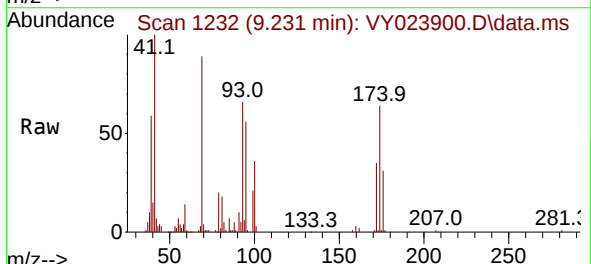
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

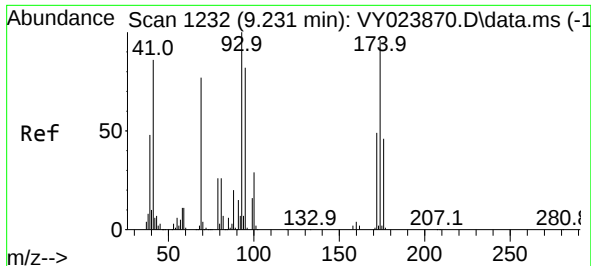
Tgt Ion: 83 Resp: 142434
Ion Ratio Lower Upper
83 100
85 67.4 51.6 77.4
127 9.9 7.2 10.8



#48
Methyl methacrylate
Concen: 18.476 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 41 Resp: 43935
Ion Ratio Lower Upper
41 100
69 98.1 67.7 101.5
39 62.1 43.4 65.0





#49

1,4-Dioxane

Concen: 401.749 ug/l

RT: 9.256 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

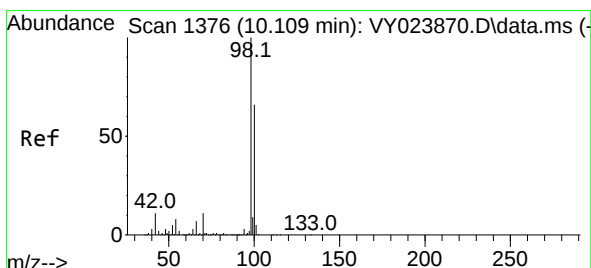
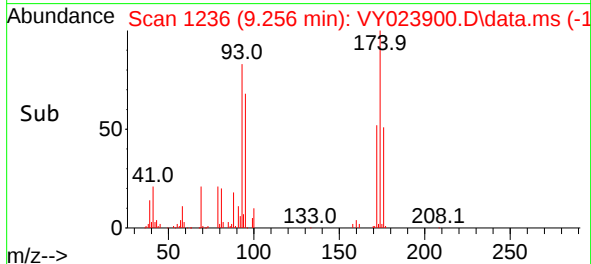
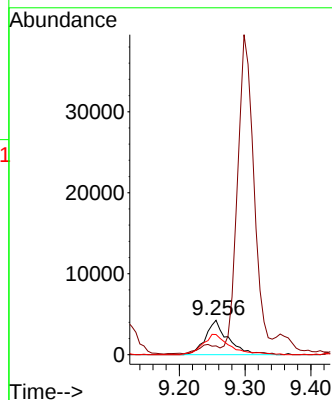
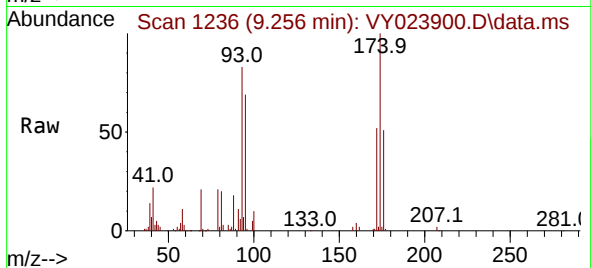
Tgt Ion: 88 Resp: 10197

Ion Ratio Lower Upper

88 100

43 25.7 26.8 40.2#

58 70.0 52.4 78.6



#50

Toluene-d8

Concen: 58.162 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023900.D

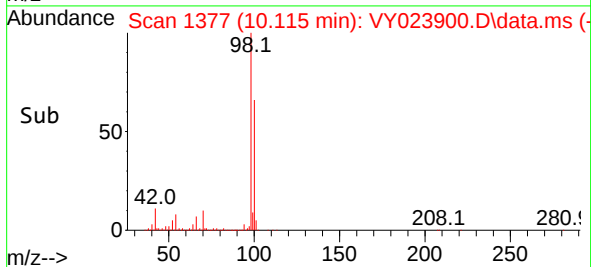
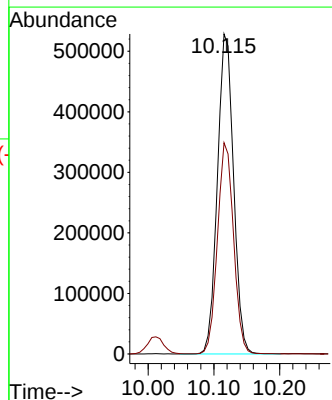
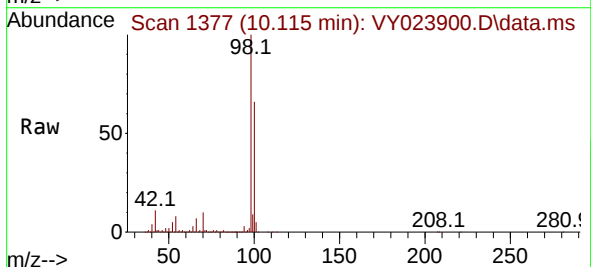
Acq: 09 Dec 2025 11:56

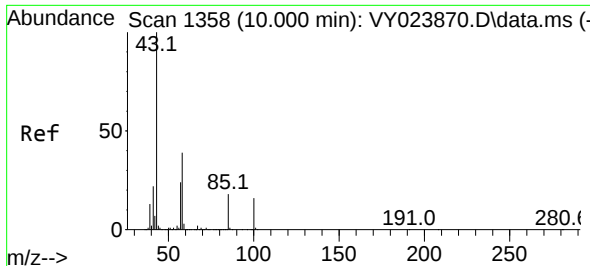
Tgt Ion: 98 Resp: 904294

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

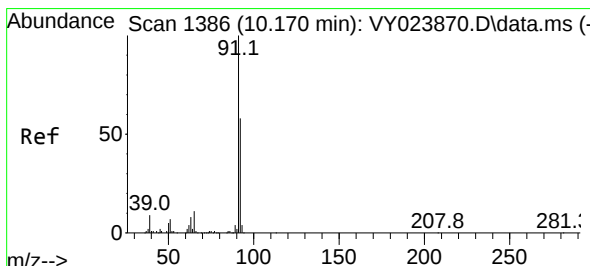
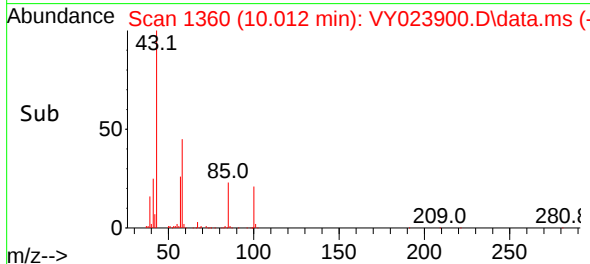
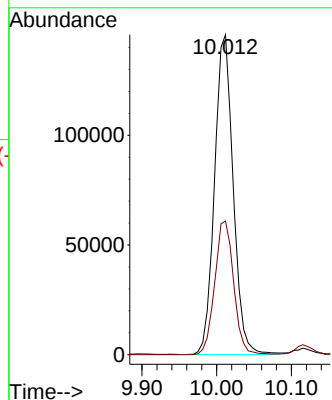
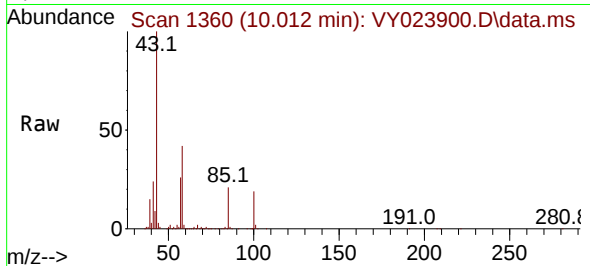




#51
4-Methyl-2-Pentanone
Concen: 94.667 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

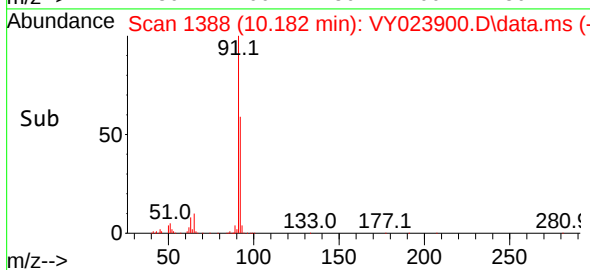
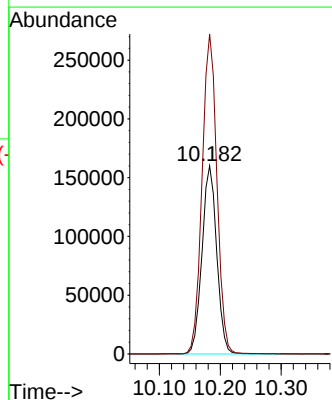
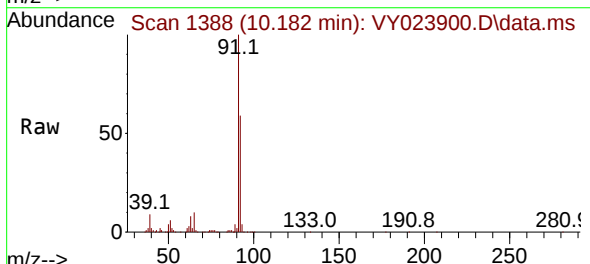
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

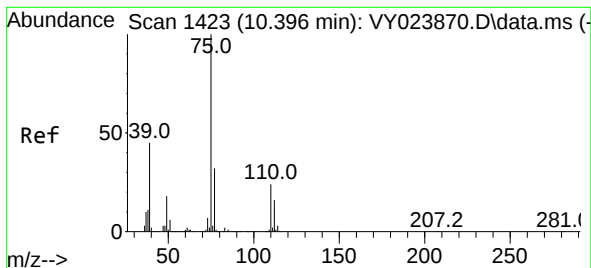
Tgt Ion: 43 Resp: 253378
Ion Ratio Lower Upper
43 100
58 42.5 31.8 47.8



#52
Toluene
Concen: 24.092 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 92 Resp: 268658
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9

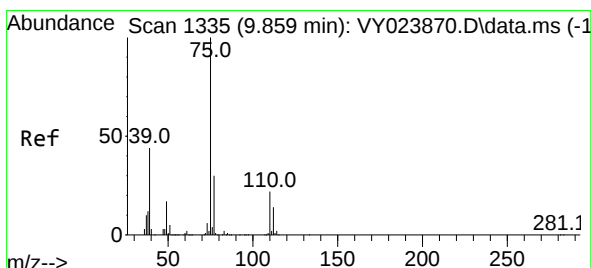
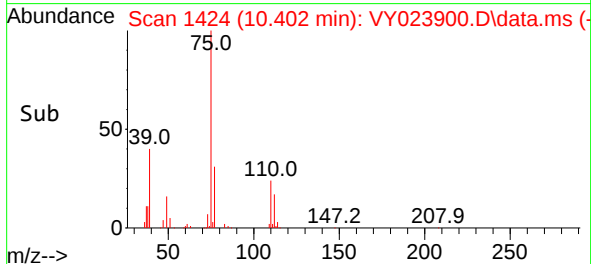
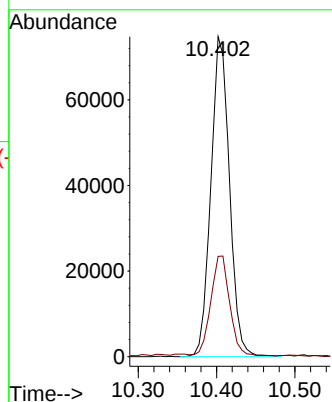
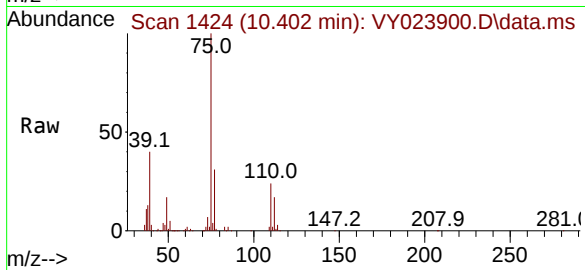




#53
t-1,3-Dichloropropene
Concen: 22.692 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

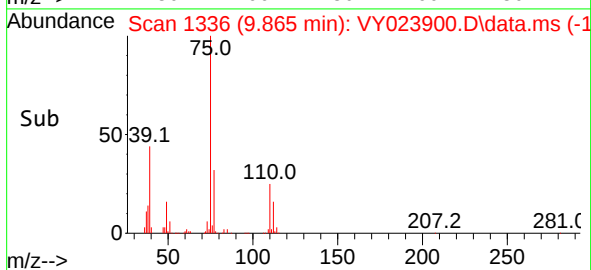
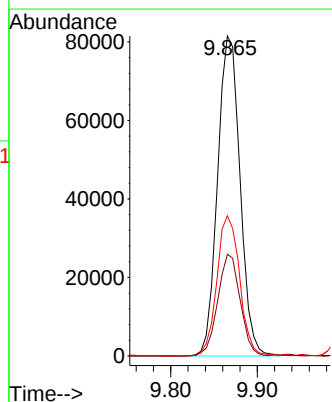
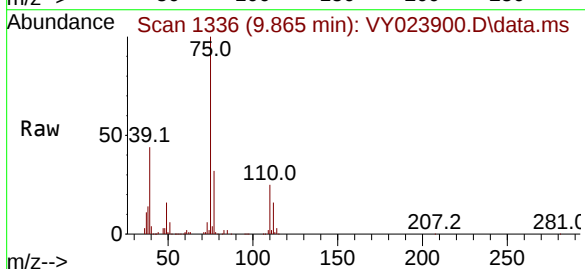
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

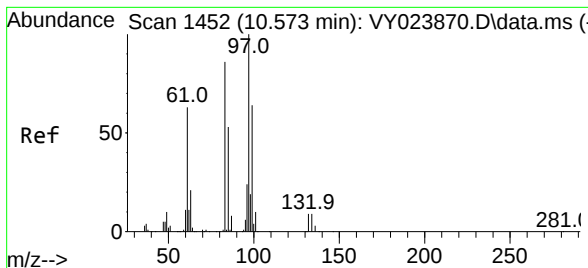
Tgt Ion: 75 Resp: 123343
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 22.961 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 75 Resp: 146963
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.6
39 43.8 35.5 53.3





#55

1,1,2-Trichloroethane

Concen: 24.061 ug/l

RT: 10.585 min Scan# 1452

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tgt Ion: 97 Resp: 74142

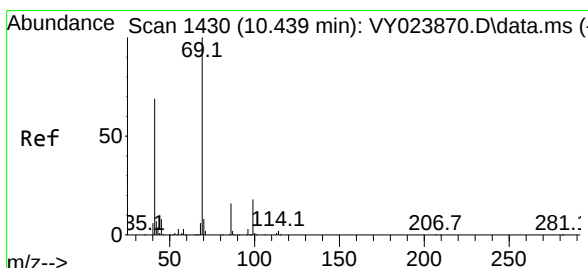
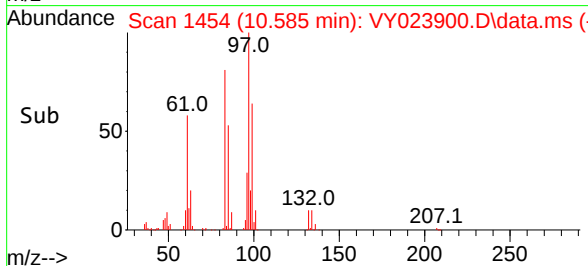
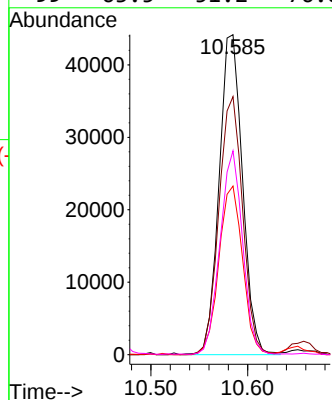
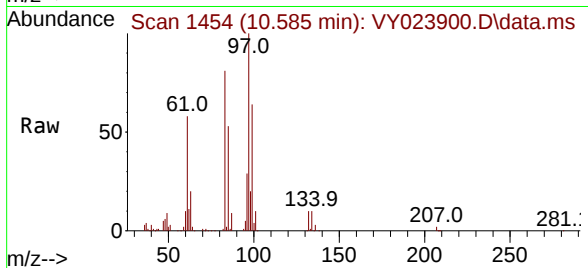
Ion Ratio Lower Upper

97 100

83 80.7 69.0 103.4

85 52.7 42.6 63.8

99 63.5 51.2 76.8



#56

Ethyl methacrylate

Concen: 20.947 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

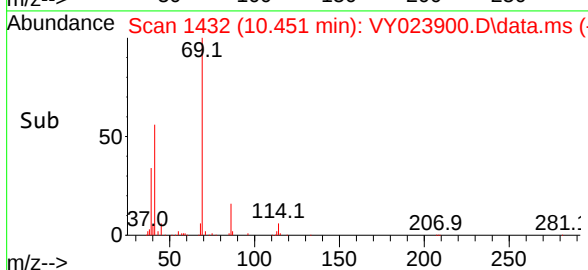
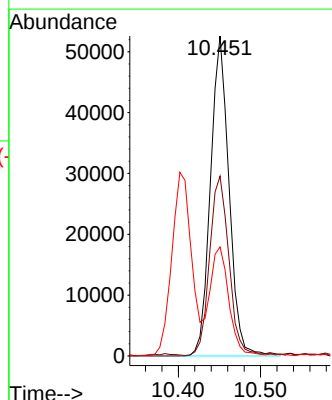
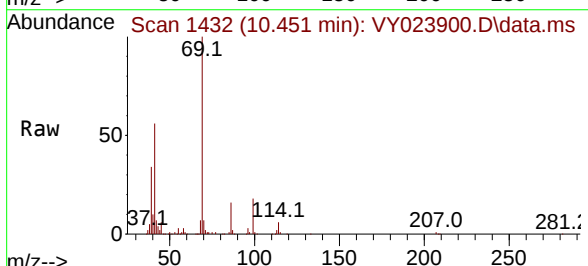
Tgt Ion: 69 Resp: 82399

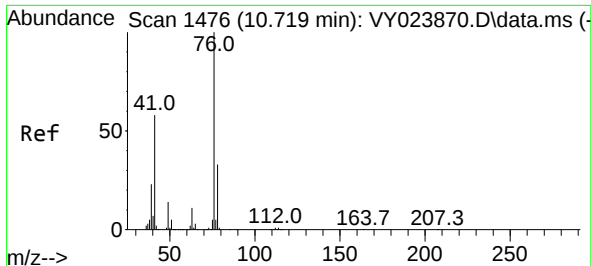
Ion Ratio Lower Upper

69 100

41 58.6 52.5 78.7

39 35.0 27.1 40.7





#57

1,3-Dichloropropane

Concen: 22.374 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

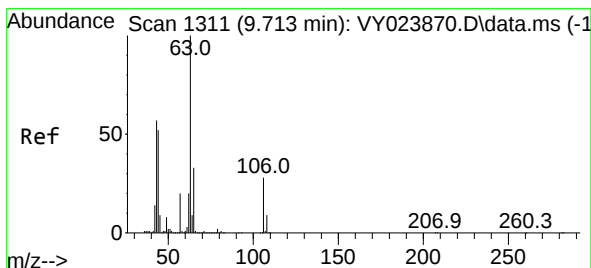
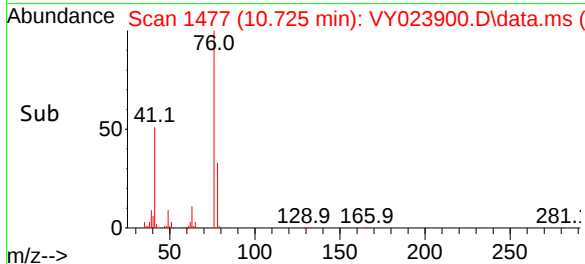
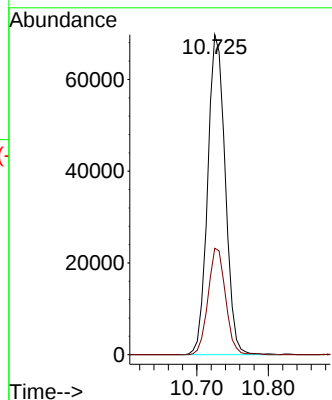
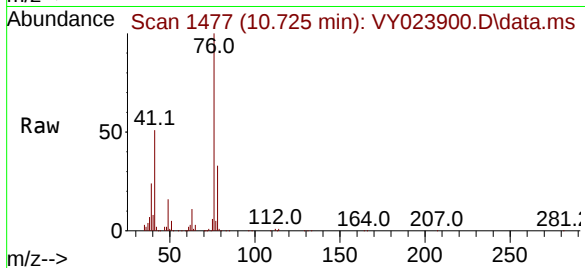
VY1209SBS01

Tgt Ion: 76 Resp: 118747

Ion Ratio Lower Upper

76 100

78 33.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 109.387 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.012 min

Lab File: VY023900.D

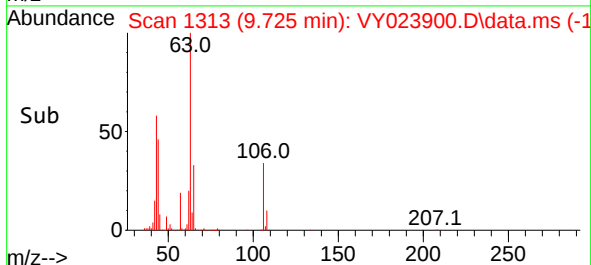
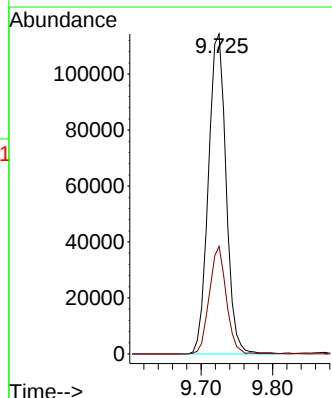
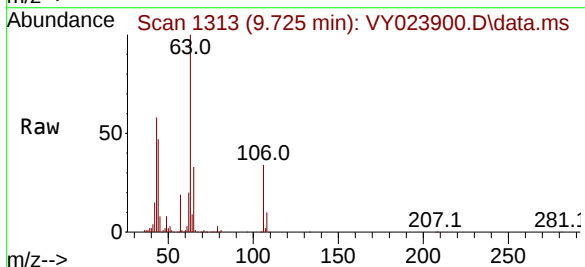
Acq: 09 Dec 2025 11:56

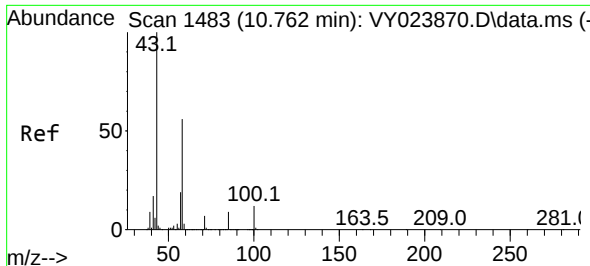
Tgt Ion: 63 Resp: 196769

Ion Ratio Lower Upper

63 100

106 32.3 22.5 33.7

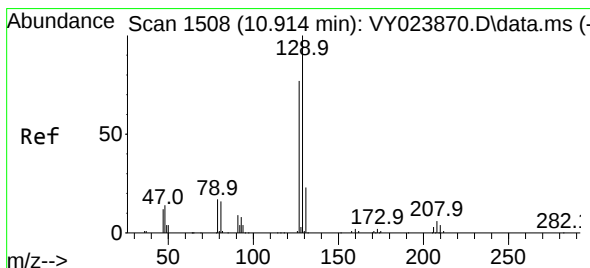
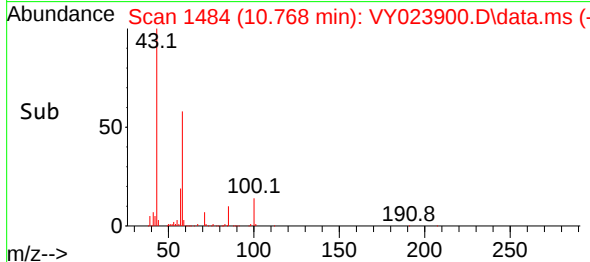
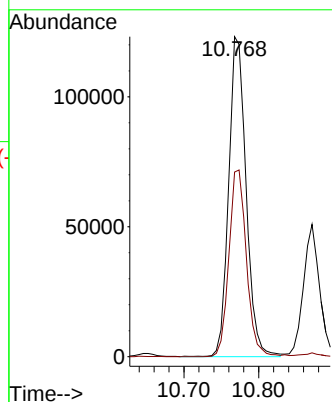
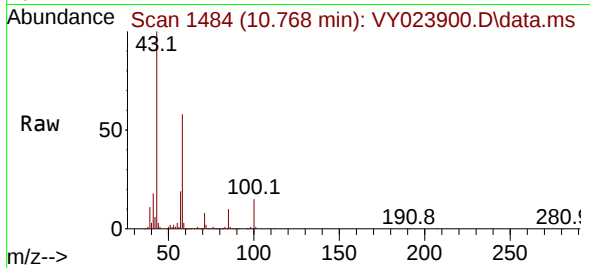




#59
2-Hexanone
Concen: 99.158 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

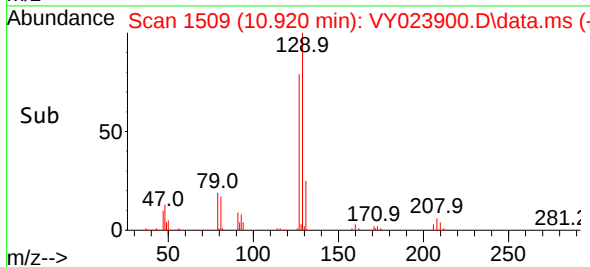
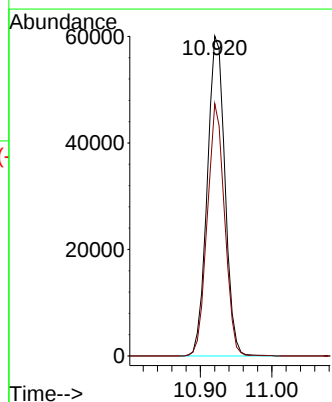
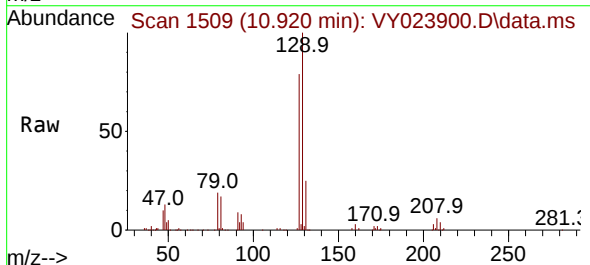
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

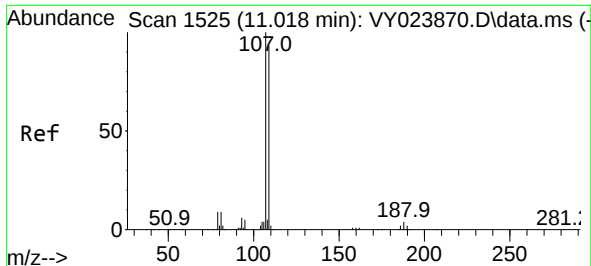
Tgt Ion: 43 Resp: 200163
Ion Ratio Lower Upper
43 100
58 58.9 27.7 83.1



#60
Dibromochloromethane
Concen: 24.935 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 129 Resp: 103027
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.0

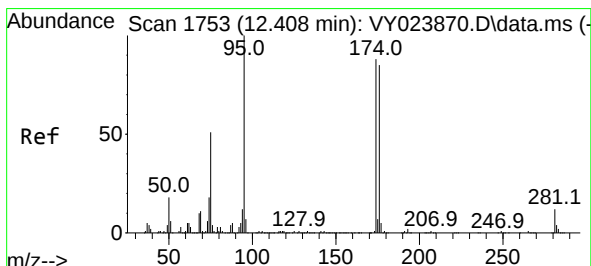
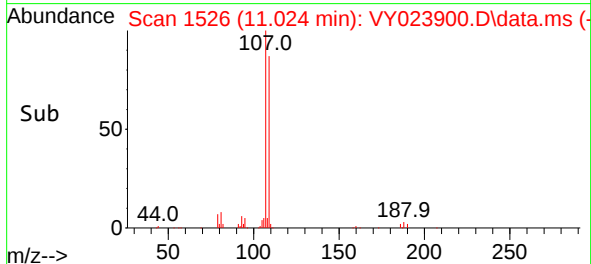
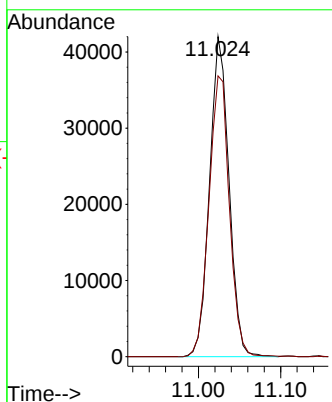
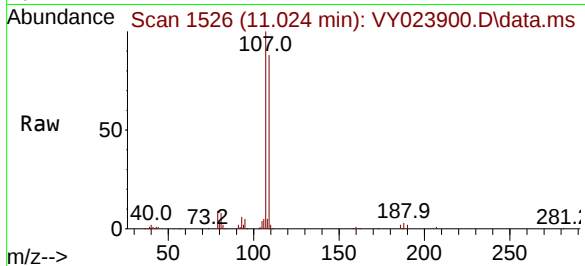




#61
1,2-Dibromoethane
Concen: 24.564 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

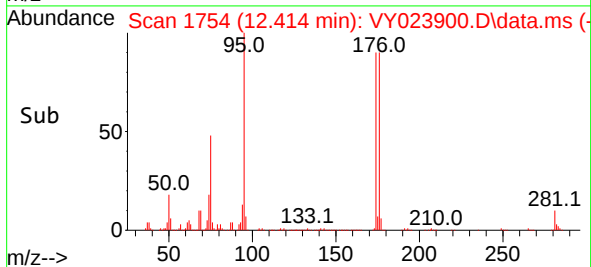
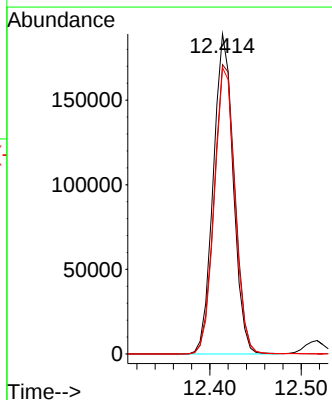
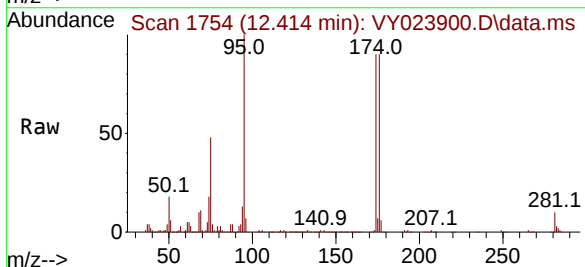
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

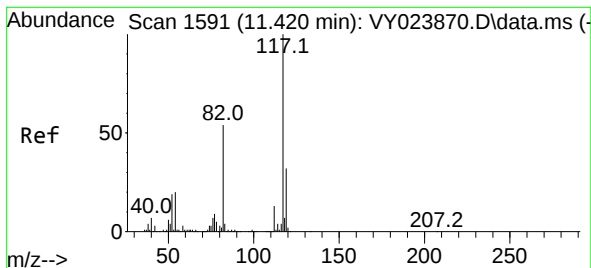
Tgt Ion:107 Resp: 68980
Ion Ratio Lower Upper
107 100
109 92.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 95 Resp: 287388
Ion Ratio Lower Upper
95 100
174 95.3 0.0 169.6
176 92.2 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

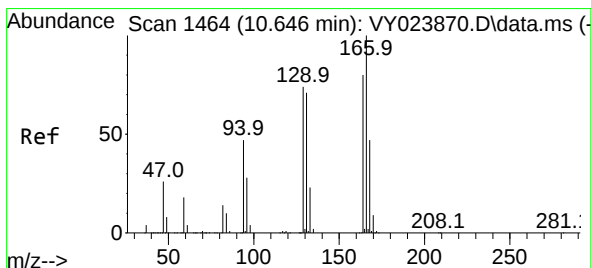
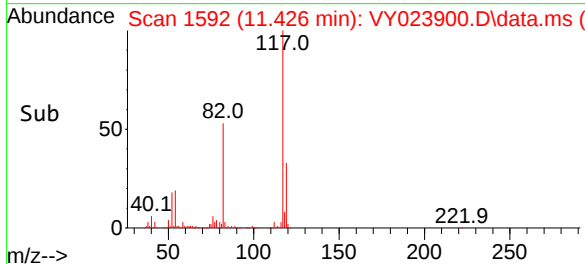
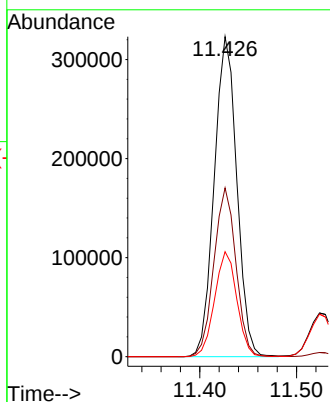
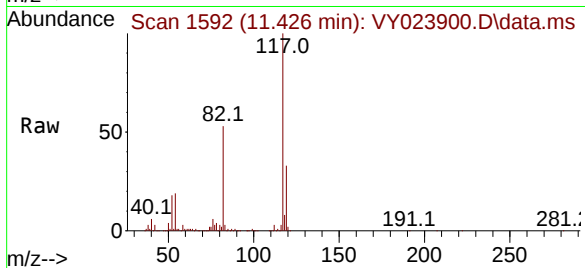
Tgt Ion:117 Resp: 522884

Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

119 32.8 26.0 39.0



#64

Tetrachloroethene

Concen: 27.957 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Tgt Ion:164 Resp: 143055

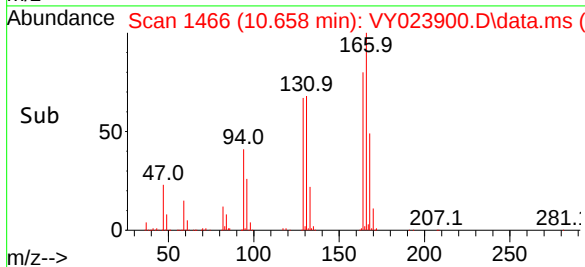
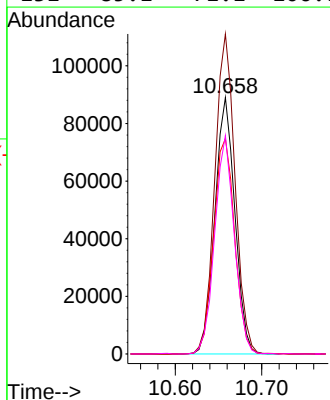
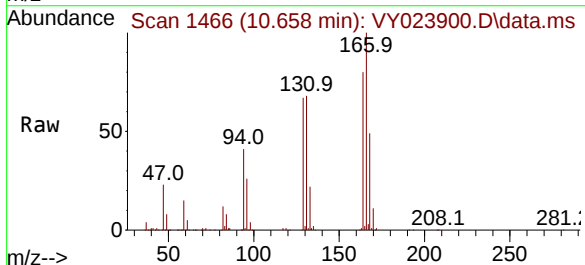
Ion Ratio Lower Upper

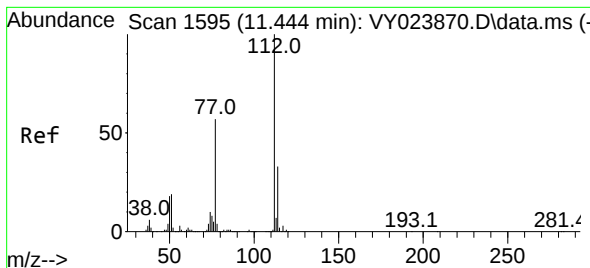
164 100

166 124.7 100.2 150.4

129 84.0 74.4 111.6

131 85.1 71.1 106.7





#65

Chlorobenzene

Concen: 25.014 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

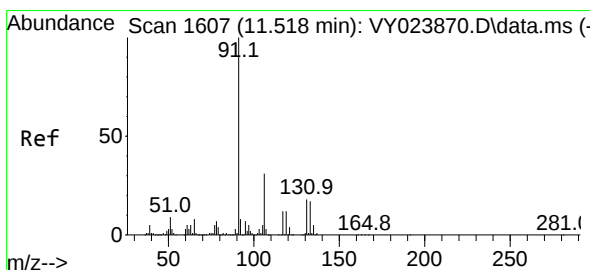
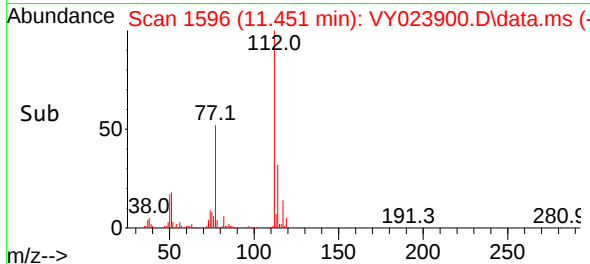
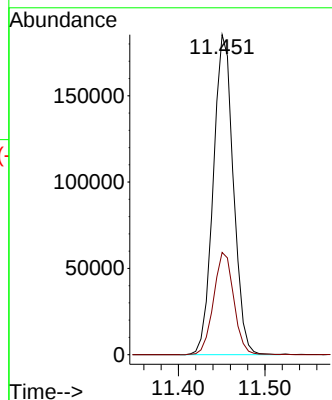
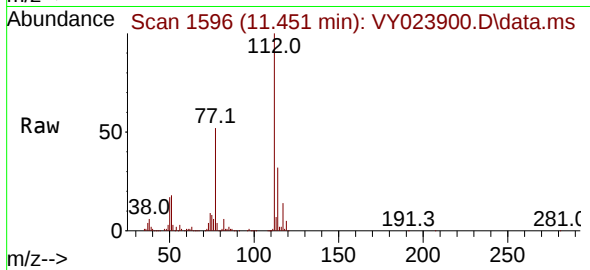
VY1209SBS01

Tgt Ion:112 Resp: 298530

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 26.056 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

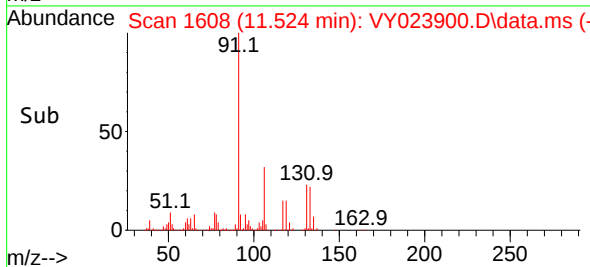
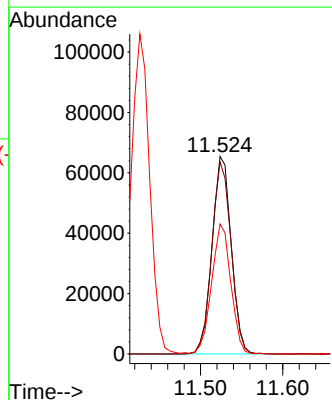
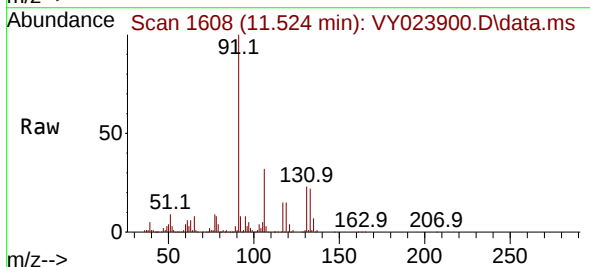
Tgt Ion:131 Resp: 106099

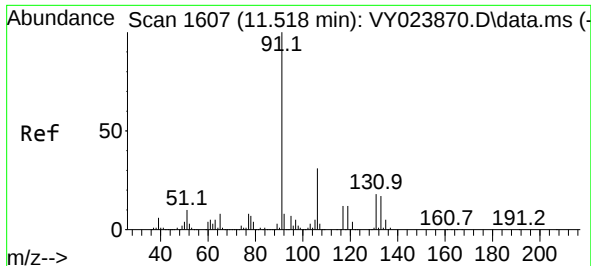
Ion Ratio Lower Upper

131 100

133 98.0 47.7 143.1

119 65.9 32.5 97.4

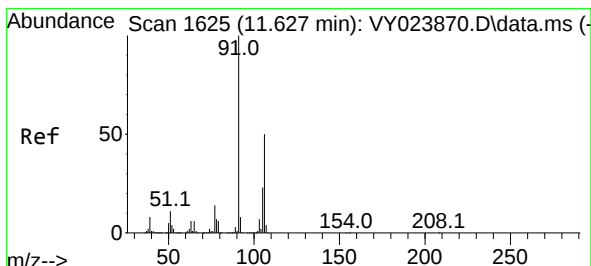
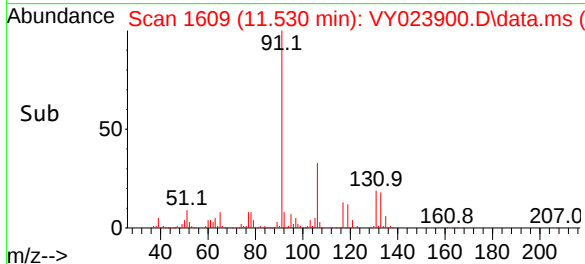
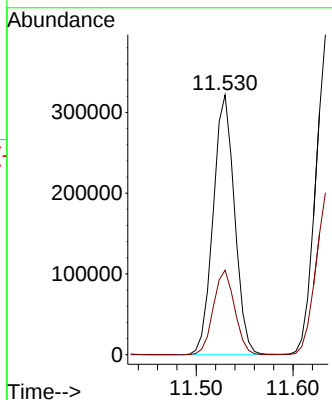
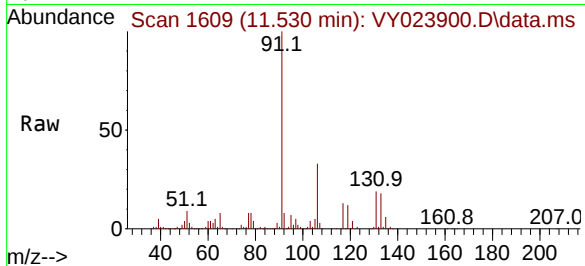




#67
Ethyl Benzene
Concen: 23.943 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

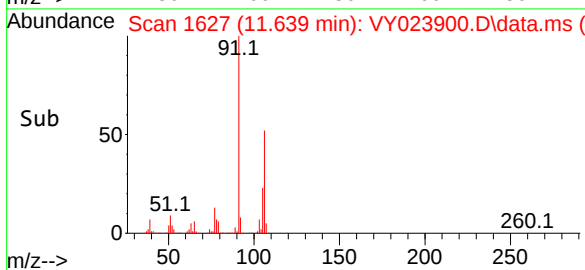
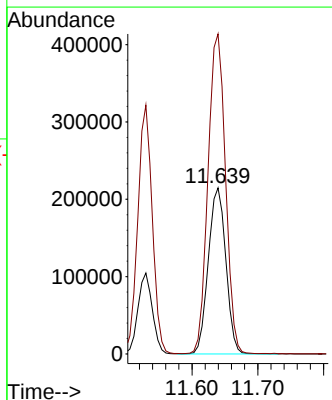
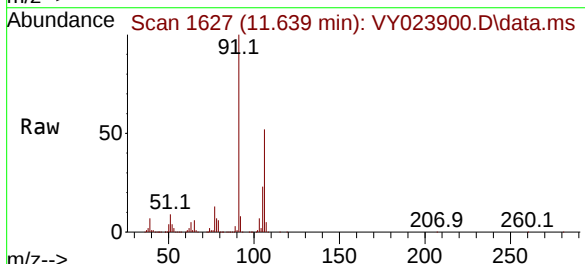
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

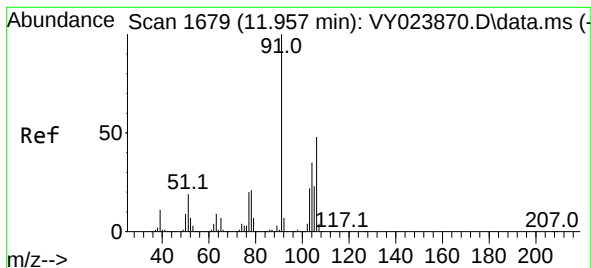
Tgt Ion: 91 Resp: 494003
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6



#68
m/p-Xylenes
Concen: 50.470 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:106 Resp: 398013
Ion Ratio Lower Upper
106 100
91 192.1 159.7 239.5

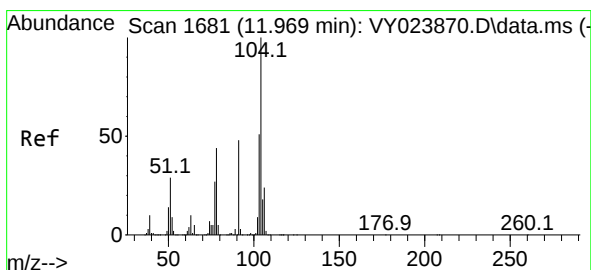
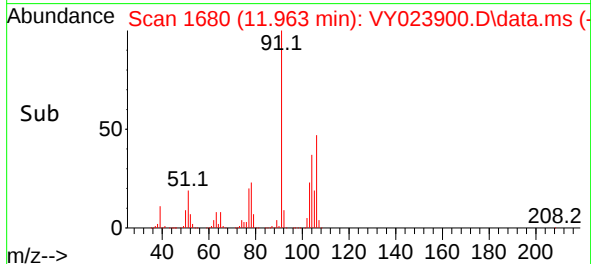
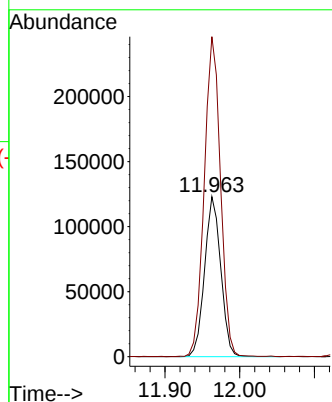
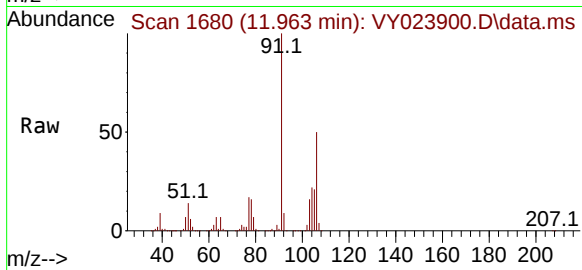




#69
o-Xylene
Concen: 25.037 ug/l
RT: 11.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

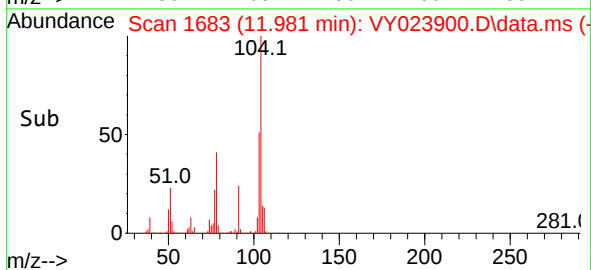
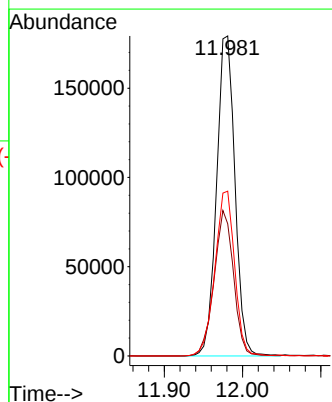
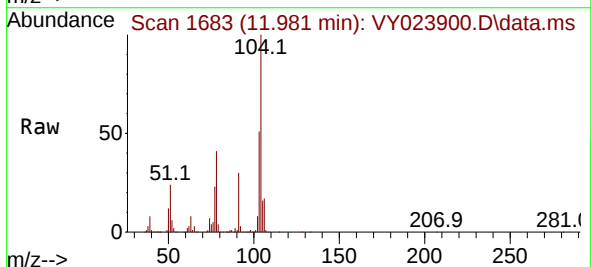
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

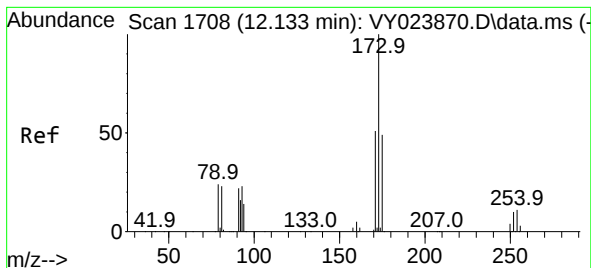
Tgt Ion:106 Resp: 184677
Ion Ratio Lower Upper
106 100
91 200.9 104.4 313.1



#70
Styrene
Concen: 24.091 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:104 Resp: 292926
Ion Ratio Lower Upper
104 100
78 48.0 38.8 58.2
103 55.4 43.9 65.9





#71

Bromoform

Concen: 26.034 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

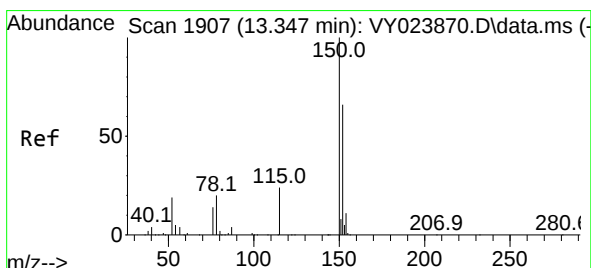
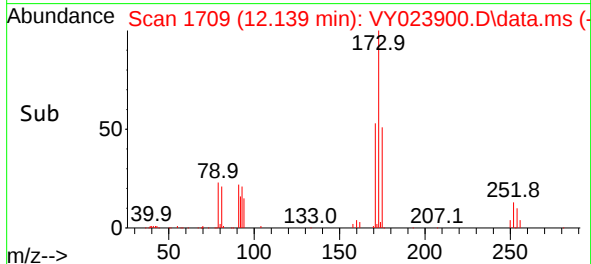
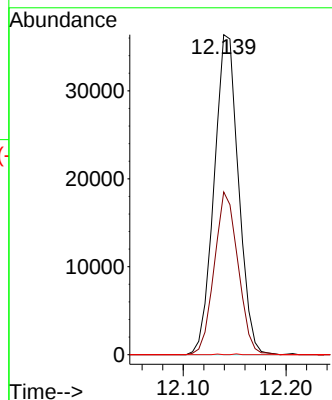
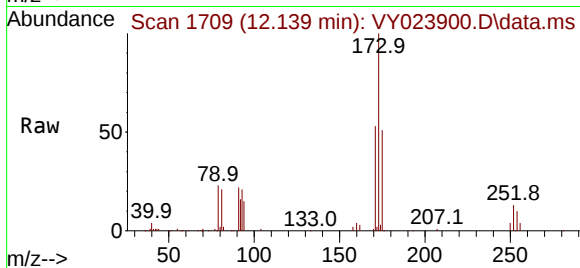
Tgt Ion:173 Resp: 59899

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

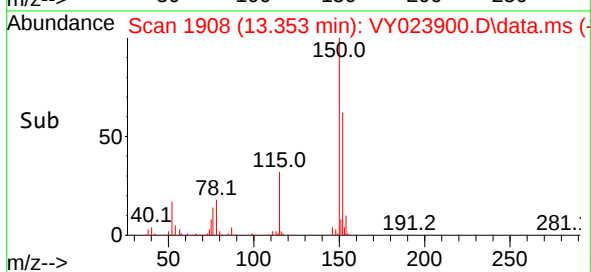
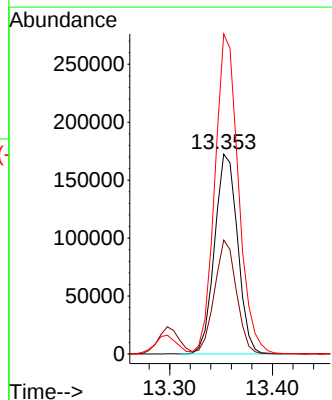
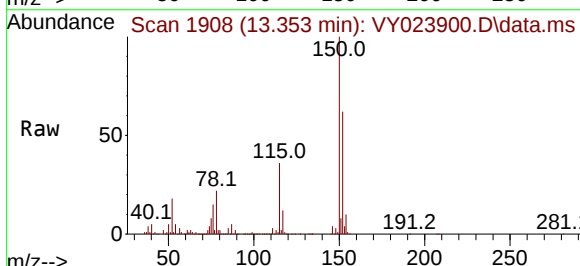
Tgt Ion:152 Resp: 267852

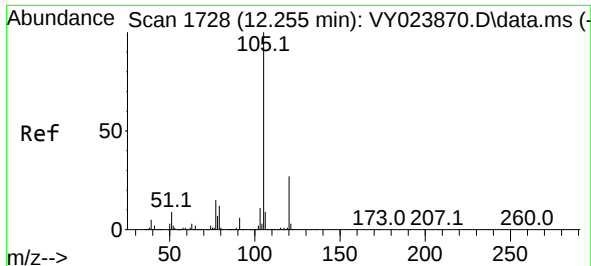
Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.4

150 164.3 0.0 352.2

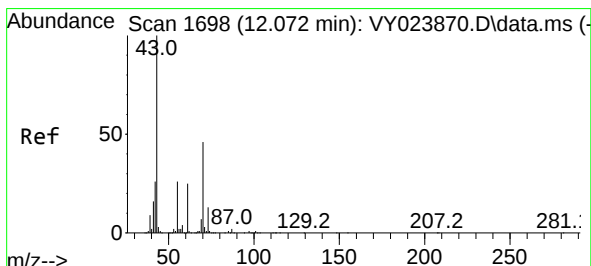
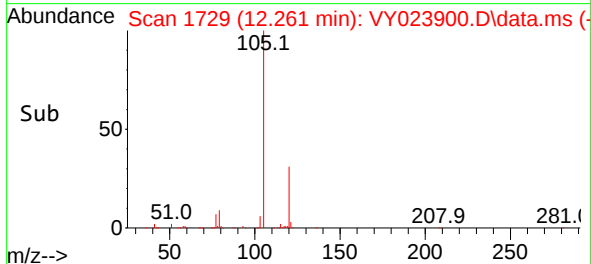
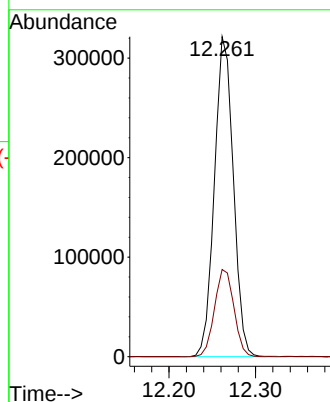
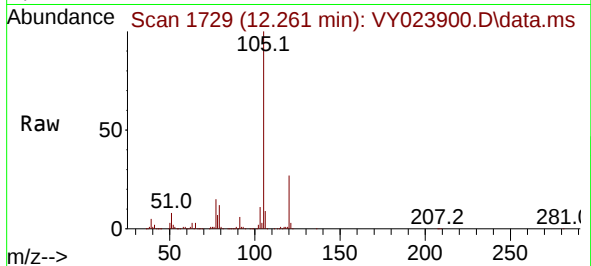




#73
Isopropylbenzene
Concen: 24.701 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

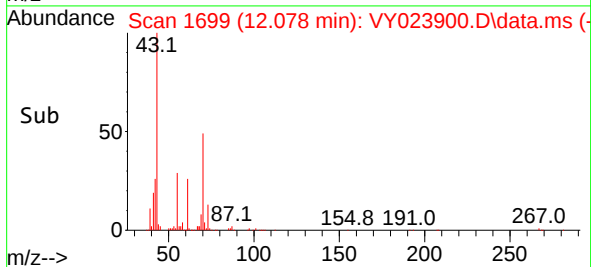
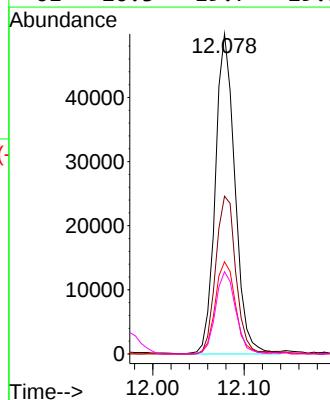
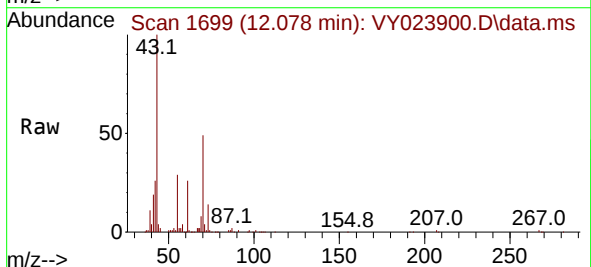
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

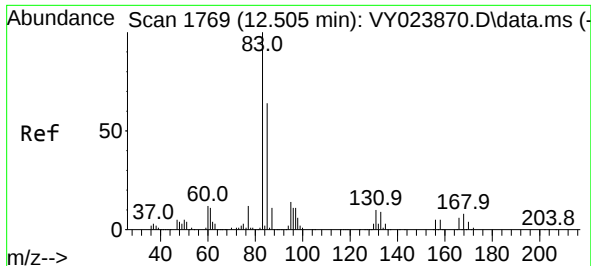
Tgt Ion:105 Resp: 487457
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 17.415 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 43 Resp: 74483
Ion Ratio Lower Upper
43 100
70 51.2 35.5 53.3
55 29.9 21.1 31.7
61 26.3 19.7 29.5

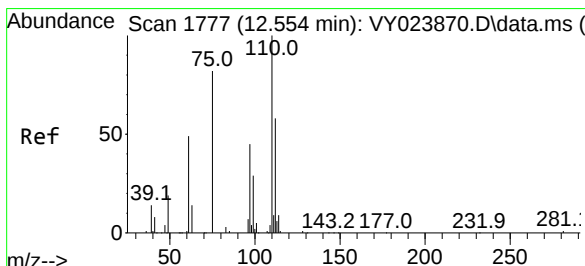
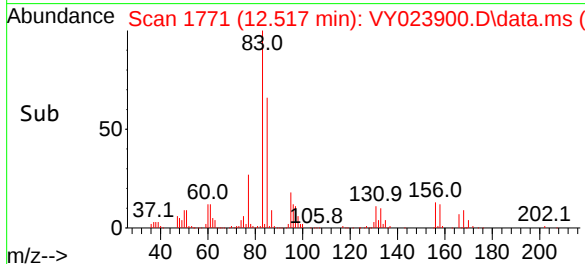
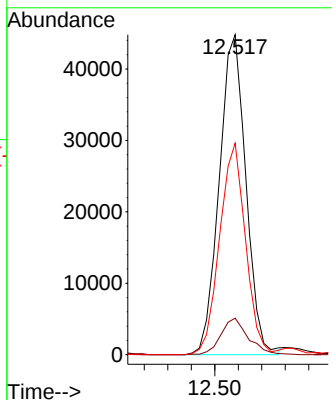
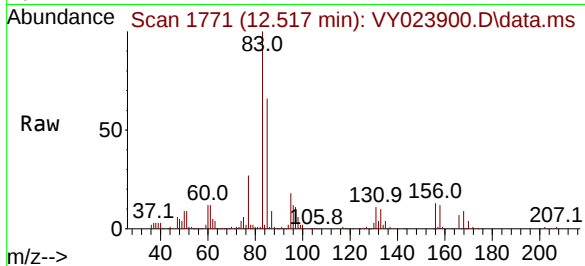




#75
1,1,2,2-Tetrachloroethane
Concen: 22.186 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

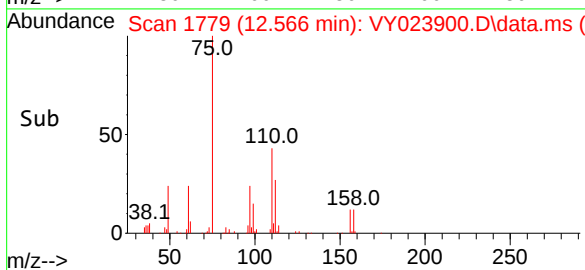
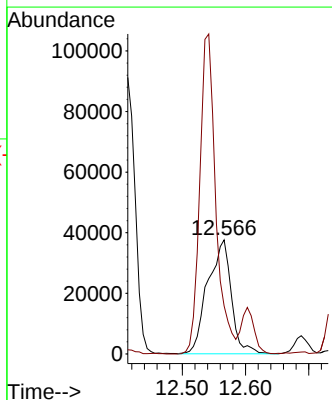
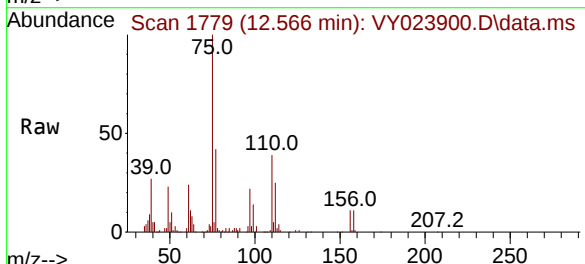
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

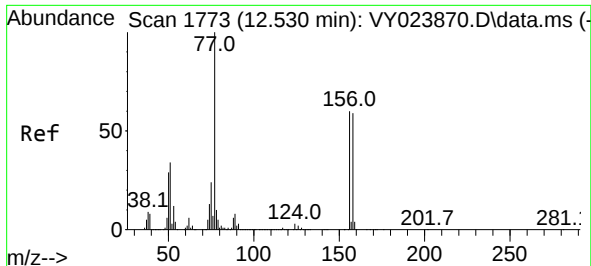
Tgt Ion: 83 Resp: 70642
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.9
85 64.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 36.566 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 75 Resp: 97098
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

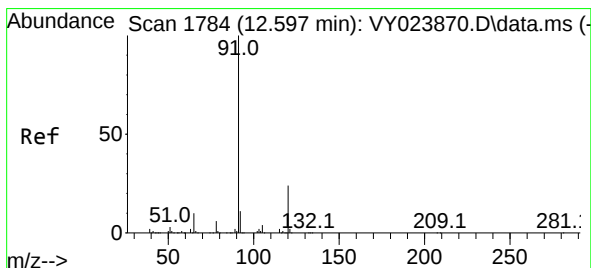
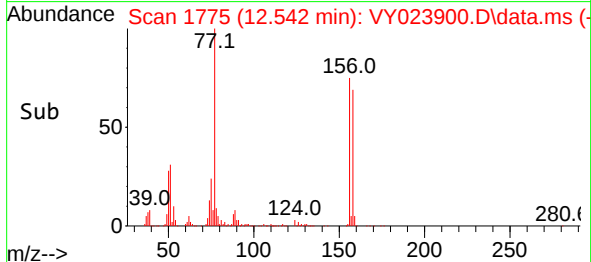
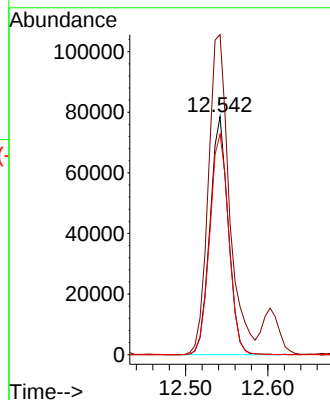
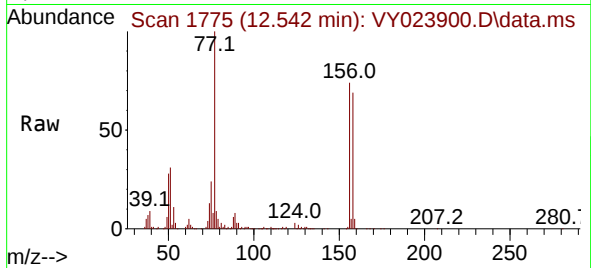




#77
Bromobenzene
Concen: 26.412 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.012 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

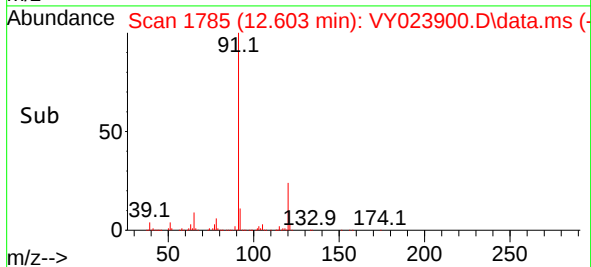
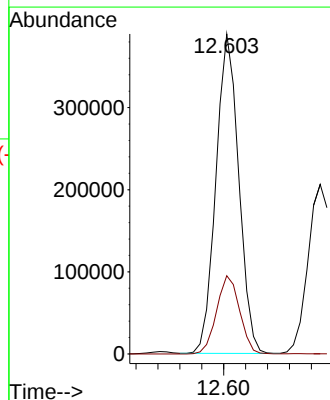
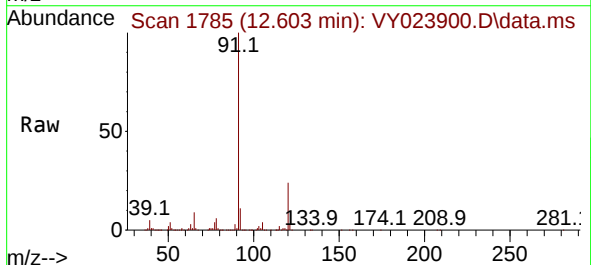
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

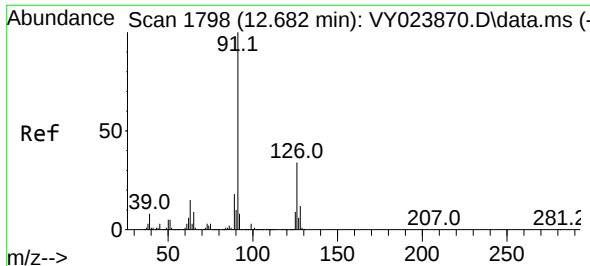
Tgt Ion:156 Resp: 121055
Ion Ratio Lower Upper
156 100
77 155.0 89.6 268.9
158 96.2 48.6 145.8



#78
n-propylbenzene
Concen: 23.608 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 91 Resp: 562195
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.5

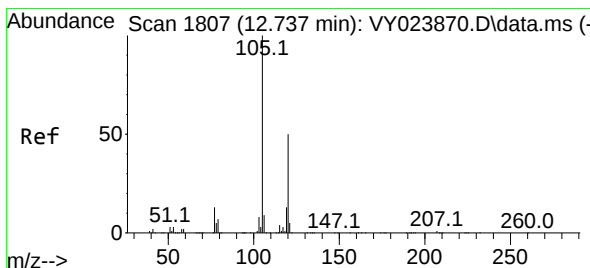
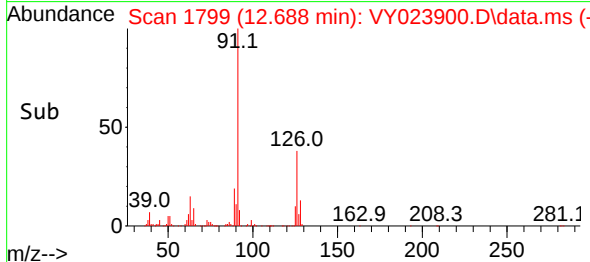
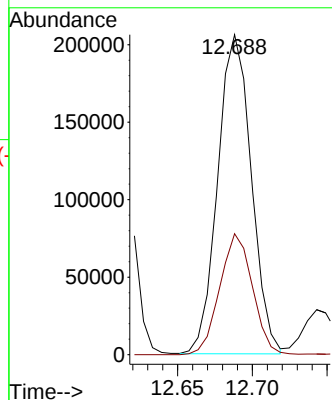
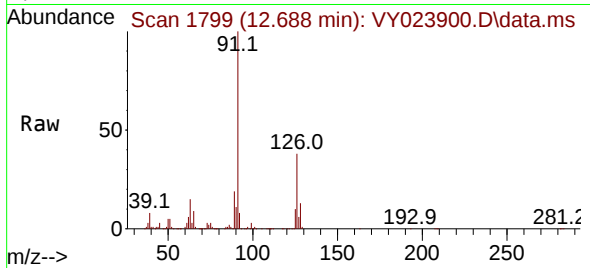




#79
2-Chlorotoluene
Concen: 23.778 ug/l
RT: 12.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

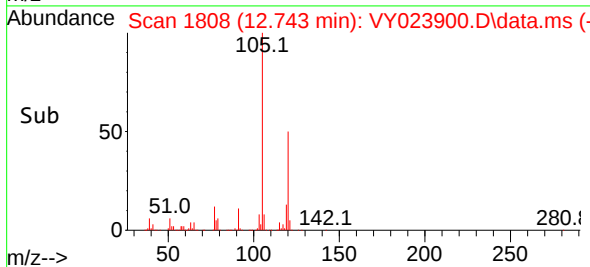
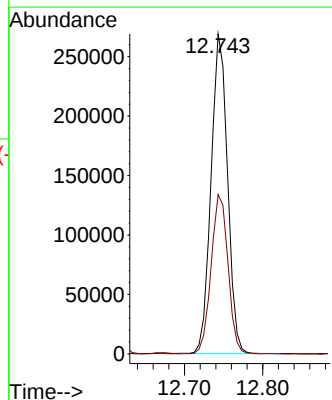
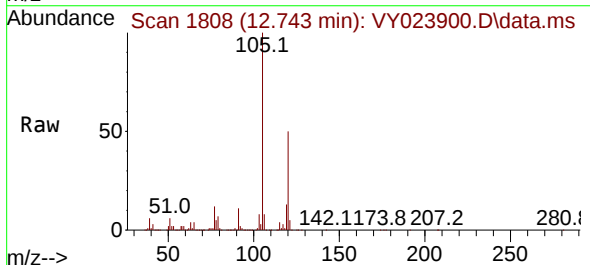
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

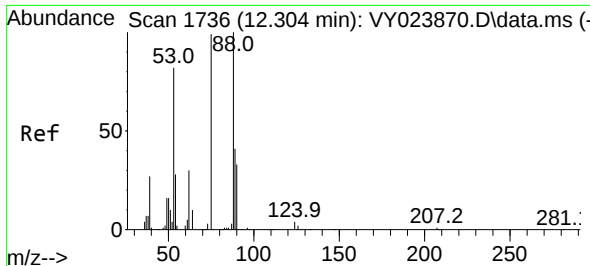
Tgt Ion: 91 Resp: 321578
Ion Ratio Lower Upper
91 100
126 37.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 24.445 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 105 Resp: 391978
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.6

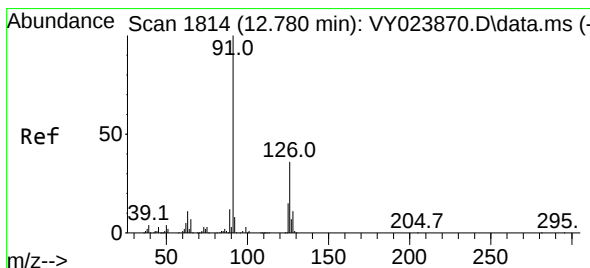
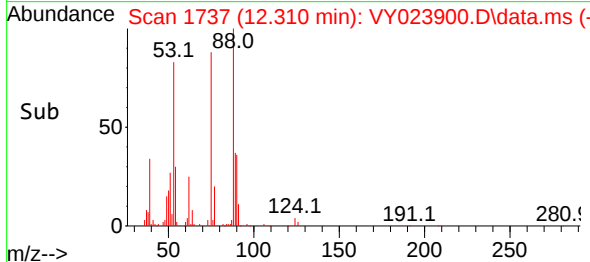
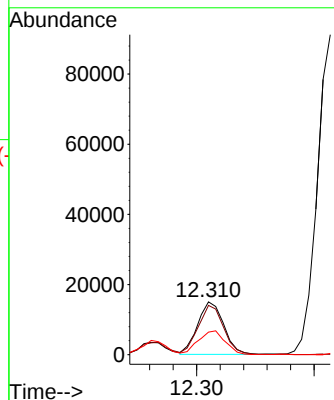
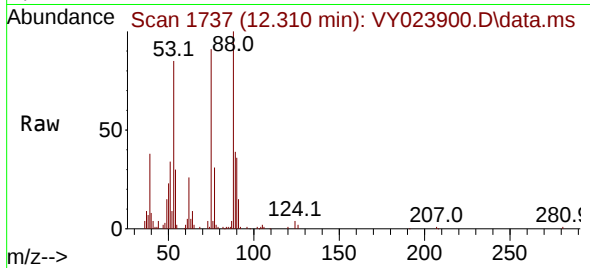




#81
trans-1,4-Dichloro-2-butene
Concen: 20.874 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

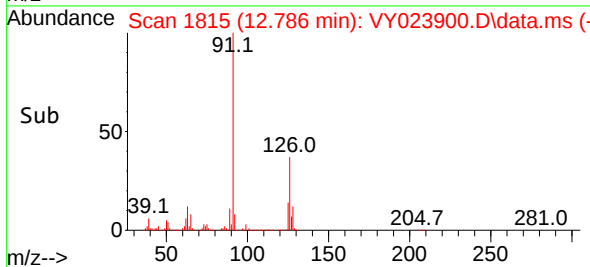
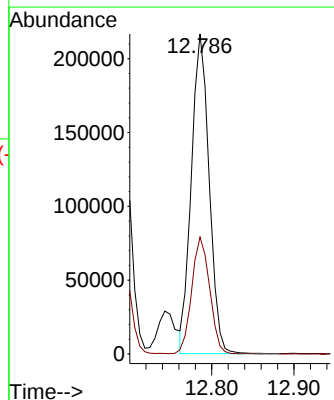
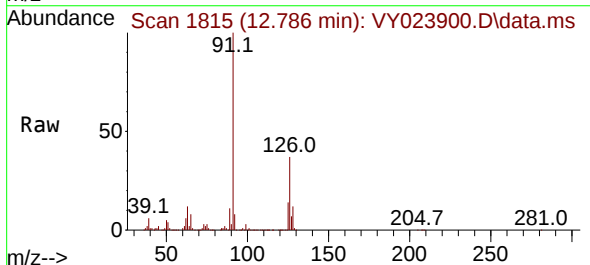
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

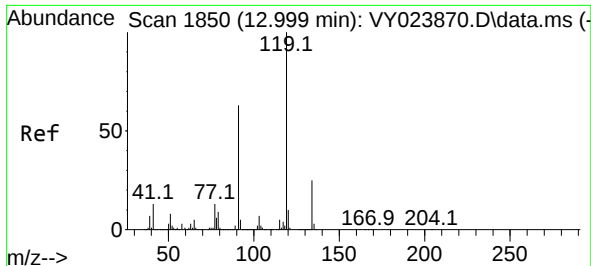
Tgt Ion: 75 Resp: 23143
Ion Ratio Lower Upper
75 100
53 91.5 71.1 106.7
89 46.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 23.176 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion: 91 Resp: 324959
Ion Ratio Lower Upper
91 100
126 36.7 17.1 51.2

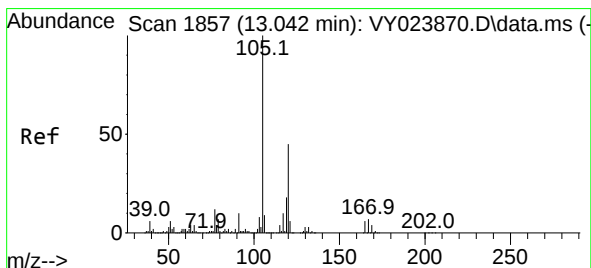
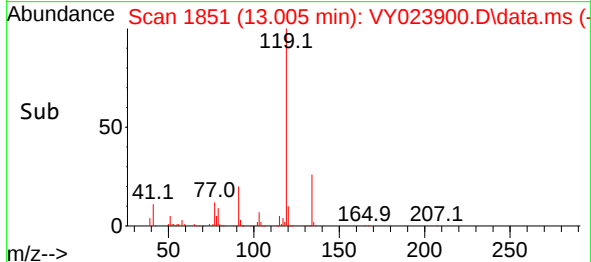
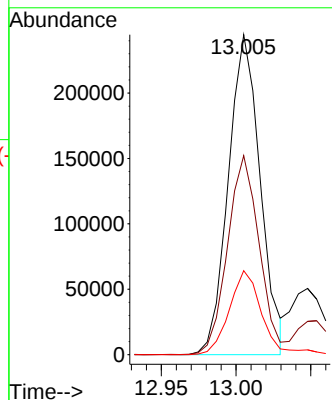
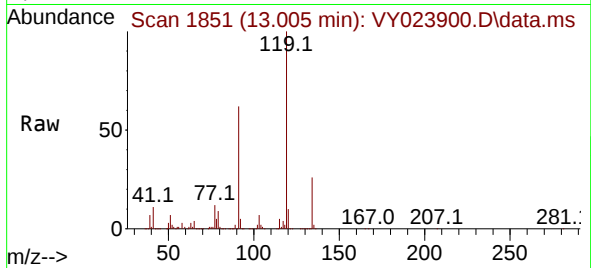




#83
tert-Butylbenzene
Concen: 25.146 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

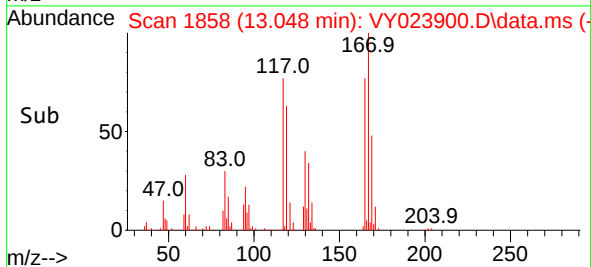
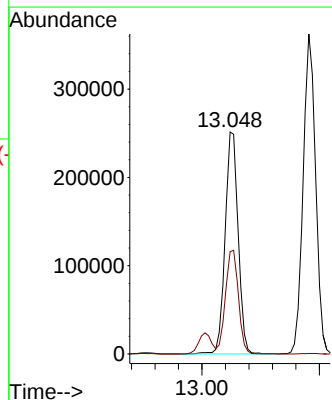
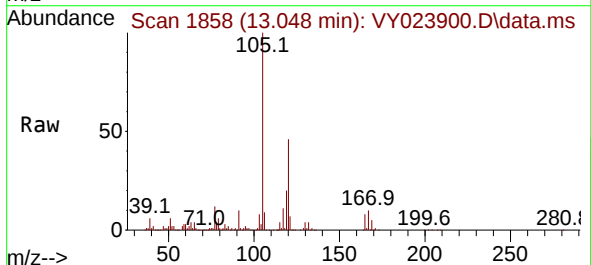
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

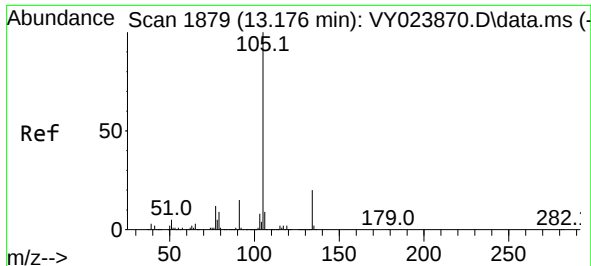
Tgt Ion:119 Resp: 363520
Ion Ratio Lower Upper
119 100
91 61.4 31.8 95.3
134 26.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 24.377 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:105 Resp: 387237
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.3

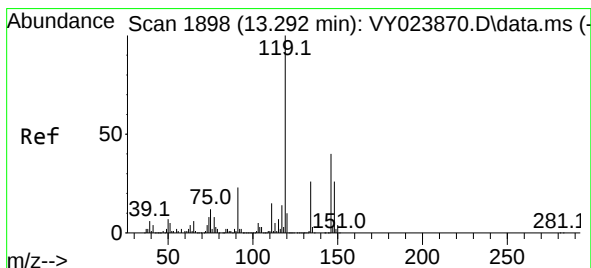
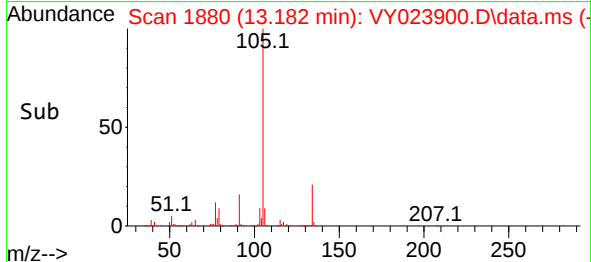
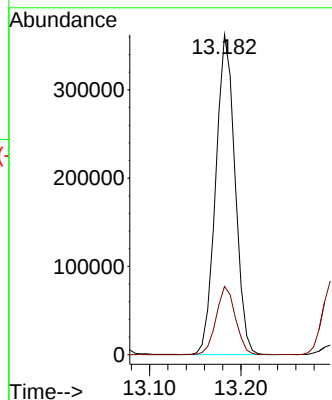
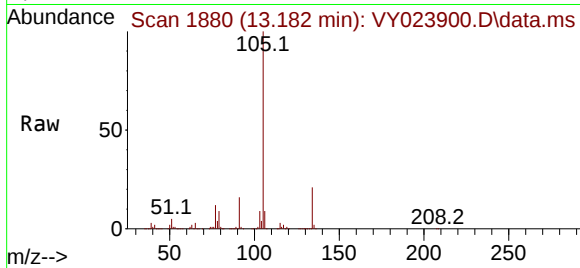




#85
 sec-Butylbenzene
 Concen: 24.722 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

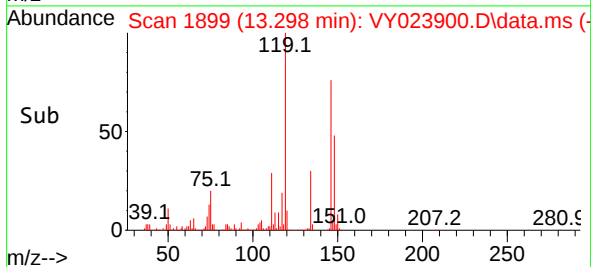
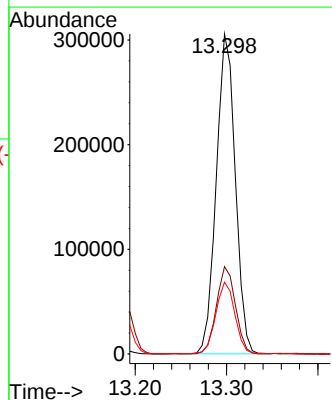
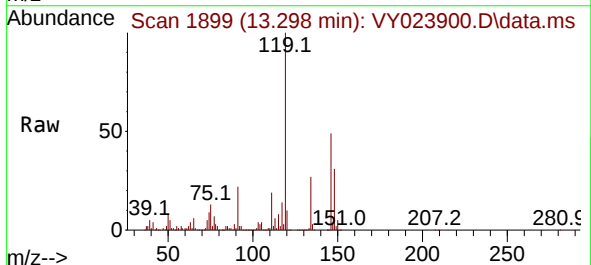
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

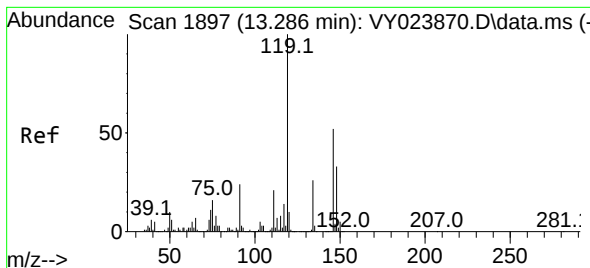
Tgt Ion:105 Resp: 531618
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 24.808 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023900.D
 Acq: 09 Dec 2025 11:56

Tgt Ion:119 Resp: 441698
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.1
 91 22.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 25.144 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

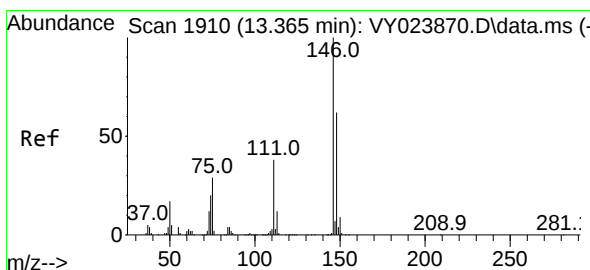
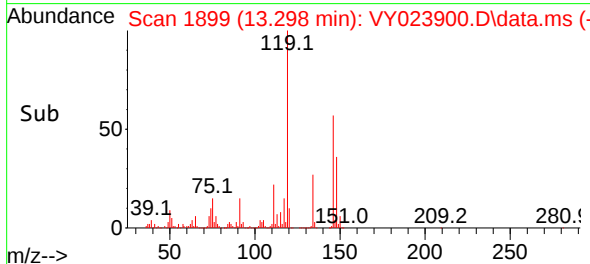
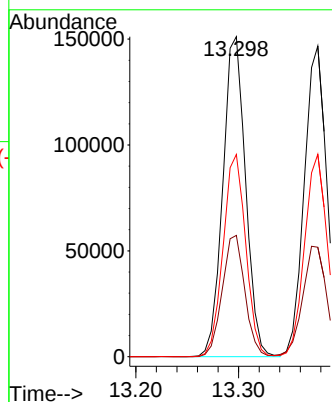
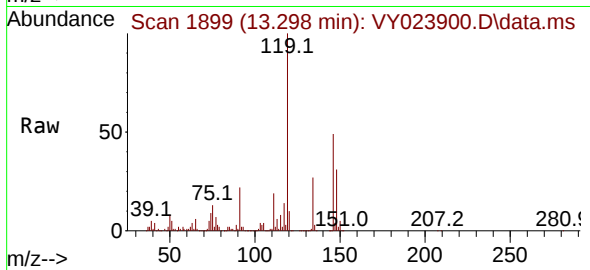
Tgt Ion:146 Resp: 232176

Ion Ratio Lower Upper

146 100

111 37.8 20.0 60.0

148 62.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 24.807 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

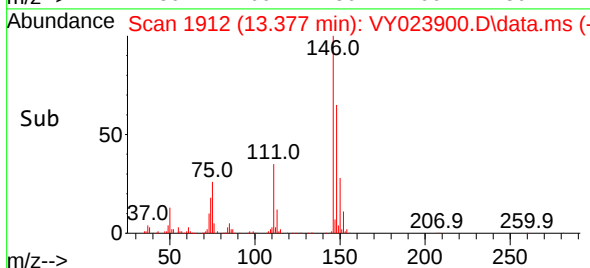
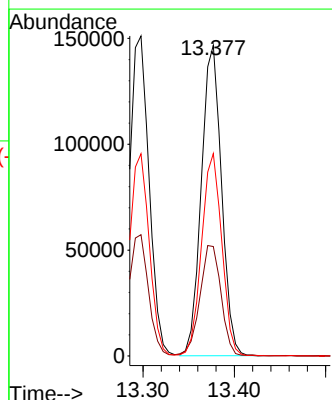
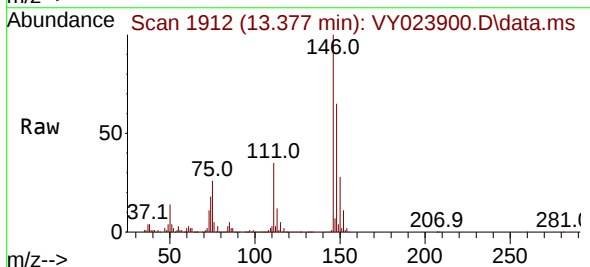
Tgt Ion:146 Resp: 224636

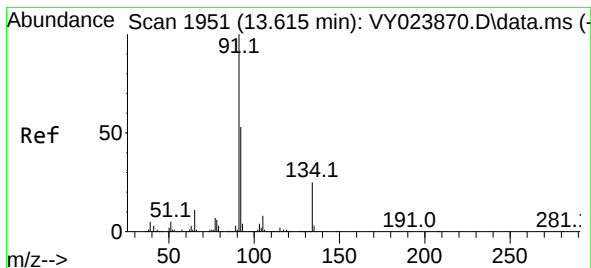
Ion Ratio Lower Upper

146 100

111 37.4 19.4 58.1

148 65.3 32.0 96.2





#89

n-Butylbenzene

Concen: 22.613 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

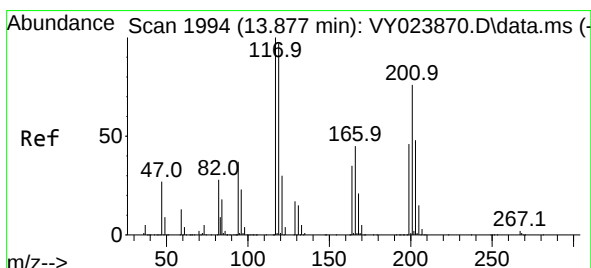
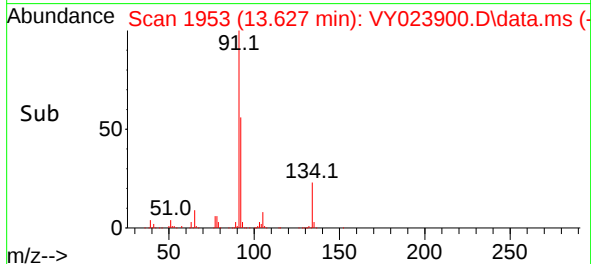
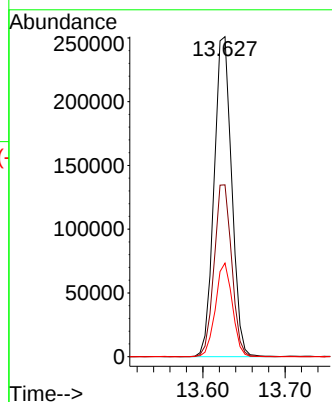
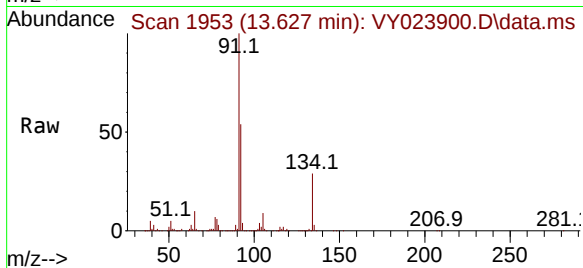
MSVOA_Y

ClientSampleId :

VY1209SBS01

Tgt Ion: 91 Resp: 372644

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.0
134	28.2	13.0	39.0



#90

Hexachloroethane

Concen: 24.610 ug/l

RT: 13.889 min Scan# 1996

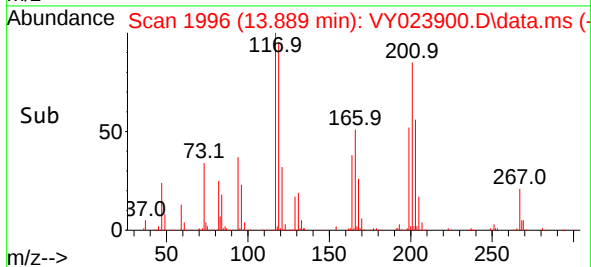
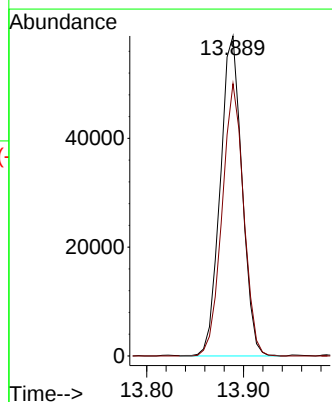
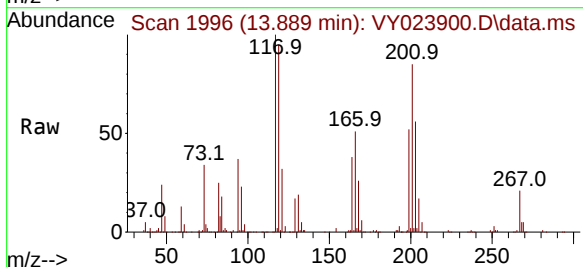
Delta R.T. 0.012 min

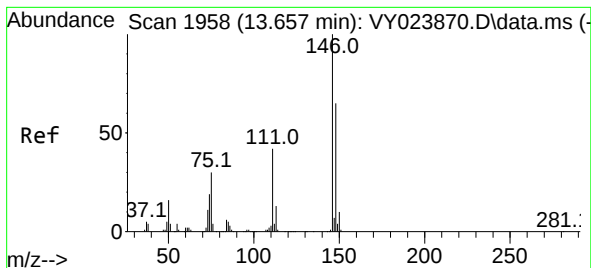
Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Tgt Ion: 117 Resp: 91923

Ion	Ratio	Lower	Upper
117	100		
201	84.0	39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 24.971 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

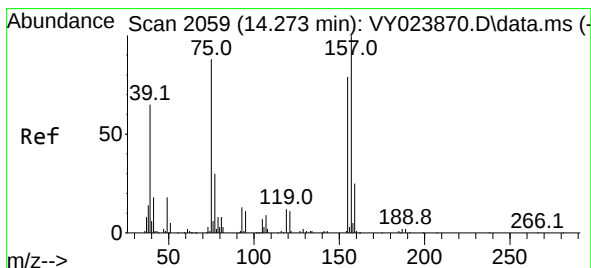
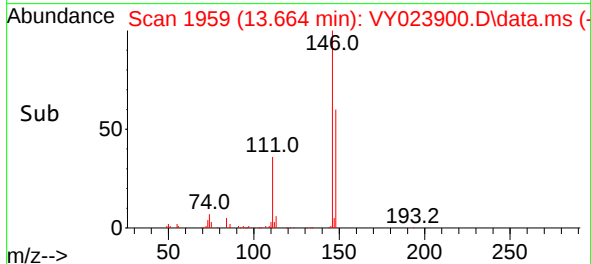
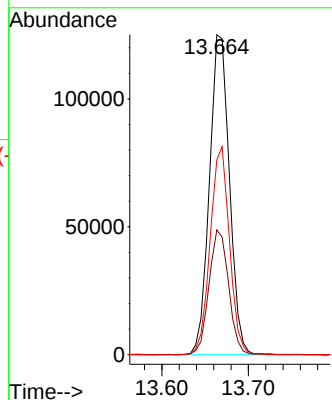
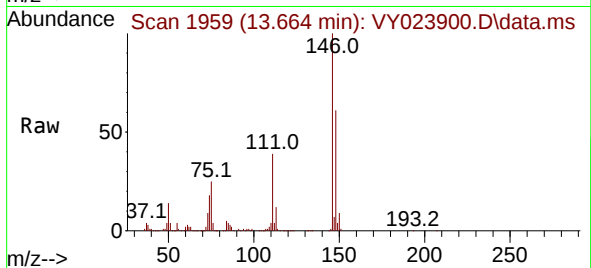
Tgt Ion:146 Resp: 200550

Ion Ratio Lower Upper

146 100

111 38.4 20.4 61.3

148 62.9 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.158 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

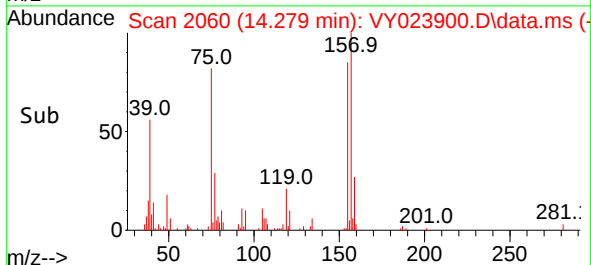
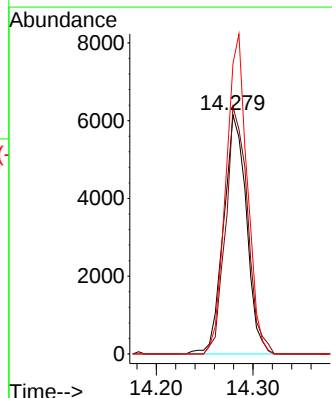
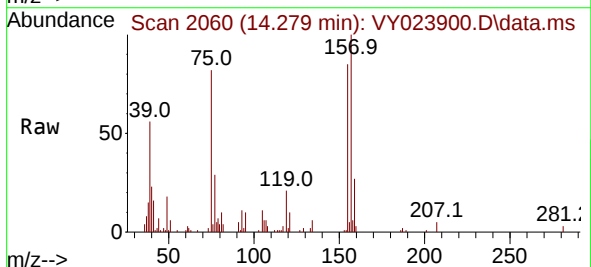
Tgt Ion: 75 Resp: 10092

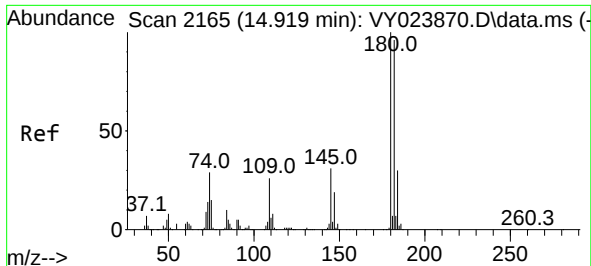
Ion Ratio Lower Upper

75 100

155 98.8 44.4 133.2

157 123.7 57.5 172.3

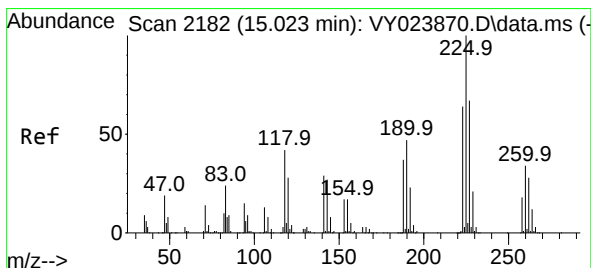
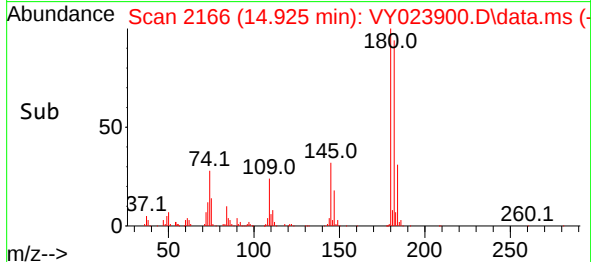
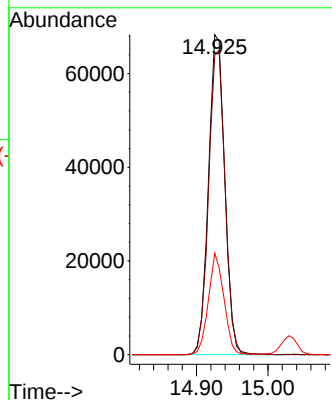
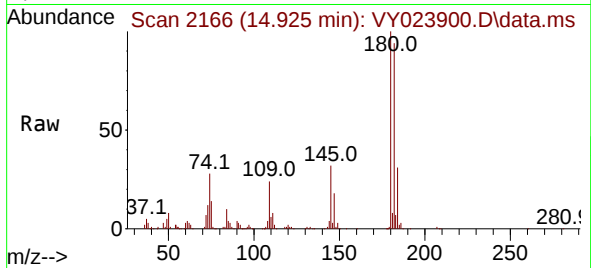




#93
1,2,4-Trichlorobenzene
Concen: 22.628 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

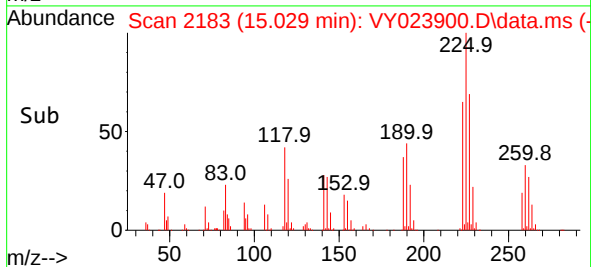
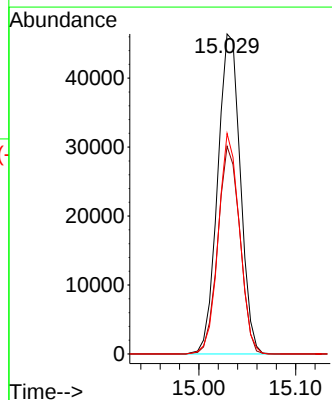
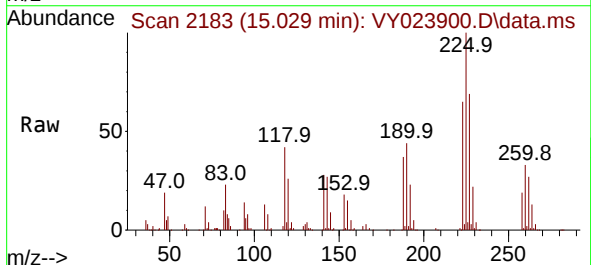
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

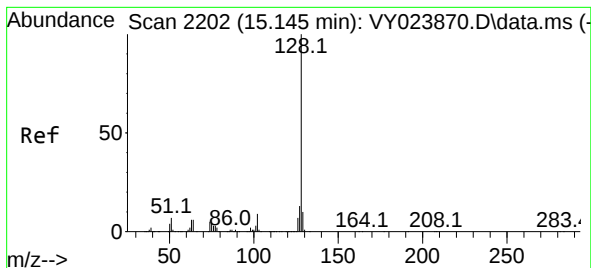
Tgt Ion:180 Resp: 107746
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 30.4 15.2 45.5



#94
Hexachlorobutadiene
Concen: 25.236 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY023900.D
Acq: 09 Dec 2025 11:56

Tgt Ion:225 Resp: 75392
Ion Ratio Lower Upper
225 100
223 63.0 31.6 95.0
227 64.4 32.6 97.8





#95

Naphthalene

Concen: 19.261 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

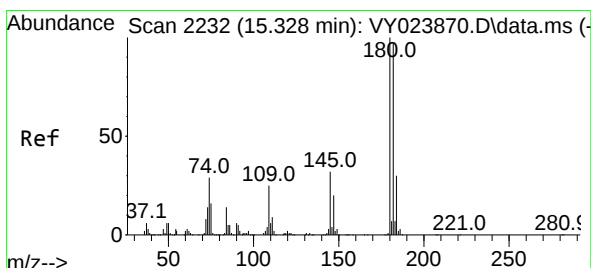
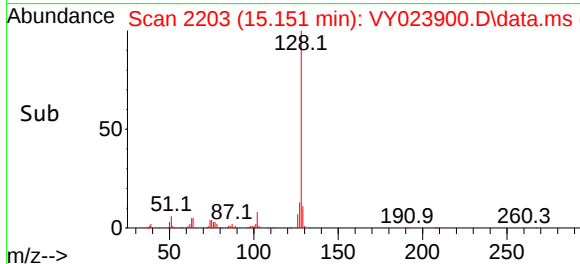
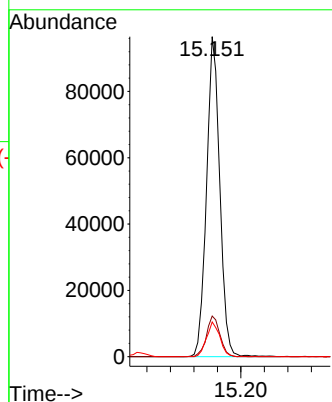
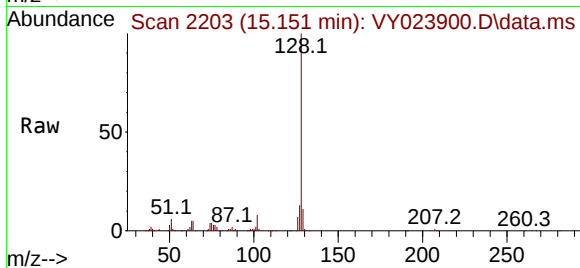
Tgt Ion:128 Resp: 151144

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.656 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY023900.D

Acq: 09 Dec 2025 11:56

Tgt Ion:180 Resp: 87995

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.8

145 30.5 15.7 47.1

