

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022357.D
 Acq On : 21 May 2025 10:58
 Operator : SY/MD
 Sample : VY0521SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBSD01

Quant Time: May 22 00:06:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	167654	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	290006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	243938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	114032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	89961	49.097	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.200%
35) Dibromofluoromethane	7.640	113	84115	48.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.109	98	340664	48.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.408	95	101000	44.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	33897	19.376	ug/l	97
3) Chloromethane	2.068	50	95846	26.045	ug/l	99
4) Vinyl Chloride	2.208	62	108676	26.433	ug/l	97
5) Bromomethane	2.598	94	114427	34.189	ug/l	94
6) Chloroethane	2.739	64	76227	29.802	ug/l	98
7) Trichlorofluoromethane	3.056	101	93784	22.530	ug/l	98
8) Diethyl Ether	3.464	74	20299	20.320	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	36445	20.167	ug/l	99
10) Methyl Iodide	4.013	142	39629	18.947	ug/l	98
11) Tert butyl alcohol	4.891	59	14136	101.028	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	35311	19.690	ug/l	99
13) Acrolein	3.665	56	12461	60.919	ug/l	90
14) Allyl chloride	4.391	41	55827	17.754	ug/l	93
15) Acrylonitrile	5.080	53	43038	104.556	ug/l	100
16) Acetone	3.885	43	31200	90.811	ug/l	96
17) Carbon Disulfide	4.117	76	114241	19.535	ug/l	97
18) Methyl Acetate	4.403	43	21583	19.924	ug/l	94
19) Methyl tert-butyl Ether	5.129	73	101610	20.549	ug/l	96
20) Methylene Chloride	4.629	84	44141	19.883	ug/l	87
21) trans-1,2-Dichloroethene	5.122	96	39307	19.858	ug/l	93
22) Diisopropyl ether	6.037	45	123801	18.644	ug/l	95
23) Vinyl Acetate	5.970	43	371954	92.717	ug/l	97
24) 1,1-Dichloroethane	5.927	63	73201	19.732	ug/l	97
25) 2-Butanone	6.909	43	53829	93.666	ug/l	100
26) 2,2-Dichloropropane	6.896	77	62636	18.982	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	45862	20.078	ug/l	97
28) Bromochloromethane	7.256	49	31914	20.168	ug/l	96
29) Tetrahydrofuran	7.274	42	37055	100.222	ug/l	95
30) Chloroform	7.433	83	72203	20.291	ug/l	98
31) Cyclohexane	7.707	56	68426	18.460	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	64255	19.682	ug/l	98
36) 1,1-Dichloropropene	7.848	75	53474	18.756	ug/l	99
37) Ethyl Acetate	7.000	43	26953	19.648	ug/l	96
38) Carbon Tetrachloride	7.823	117	55250	18.721	ug/l	98
39) Methylcyclohexane	9.116	83	69340	18.103	ug/l	95
40) Benzene	8.085	78	164005	19.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15660	17.210	ug/l #	86
42) 1,2-Dichloroethane	8.165	62	43850	19.185	ug/l	100
43) Isopropyl Acetate	8.201	43	55302	18.485	ug/l	97
44) Trichloroethene	8.872	130	40604	19.321	ug/l	95
45) 1,2-Dichloropropane	9.146	63	38589	18.938	ug/l	97
46) Dibromomethane	9.238	93	21878	19.906	ug/l	96
47) Bromodichloromethane	9.433	83	56125	19.685	ug/l	99
48) Methyl methacrylate	9.225	41	24303	17.371	ug/l	89
49) 1,4-Dioxane	9.250	88	5057	407.300	ug/l #	85
51) 4-Methyl-2-Pentanone	10.006	43	137346	93.564	ug/l	96
52) Toluene	10.176	92	99419	18.576	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	51804	18.618	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	60822	19.079	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	27810	19.760	ug/l	97
56) Ethyl methacrylate	10.445	69	40984	18.695	ug/l	96
57) 1,3-Dichloropropane	10.719	76	49360	19.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	83789	85.153	ug/l	97
59) 2-Hexanone	10.762	43	92372	93.853	ug/l	98
60) Dibromochloromethane	10.914	129	34432	18.849	ug/l	95
61) 1,2-Dibromoethane	11.018	107	26117	19.911	ug/l	99
64) Tetrachloroethene	10.652	164	43618	19.345	ug/l	95
65) Chlorobenzene	11.444	112	107023	19.446	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	35259	18.636	ug/l	98
67) Ethyl Benzene	11.524	91	191188	18.549	ug/l	99
68) m/p-Xylenes	11.633	106	145259	37.401	ug/l	96
69) o-Xylene	11.957	106	70051	19.064	ug/l	97
70) Styrene	11.975	104	116903	18.860	ug/l	97
71) Bromoform	12.133	173	19193	18.794	ug/l #	99
73) Isopropylbenzene	12.255	105	178443	18.889	ug/l	99
74) N-amyl acetate	12.072	43	48859	18.083	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	29043	19.990	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	42330	36.641	ug/l #	100
77) Bromobenzene	12.536	156	38466	19.064	ug/l	99
78) n-propylbenzene	12.597	91	216752	19.022	ug/l	100
79) 2-Chlorotoluene	12.682	91	115671	18.472	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	141700	18.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10532	18.468	ug/l	98
82) 4-Chlorotoluene	12.780	91	116880	18.147	ug/l	97
83) tert-Butylbenzene	12.999	119	125876	18.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	140604	18.574	ug/l	98
85) sec-Butylbenzene	13.176	105	187656	18.651	ug/l	100
86) p-Isopropyltoluene	13.292	119	155183	18.338	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77394	18.790	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	76133	19.216	ug/l	99
89) n-Butylbenzene	13.621	91	148567	18.558	ug/l	99
90) Hexachloroethane	13.883	117	31086	18.198	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	68114	19.687	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4583	19.562	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	37458	18.743	ug/l	99
94) Hexachlorobutadiene	15.029	225	20509	18.402	ug/l	96
95) Naphthalene	15.145	128	73842	19.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	32543	19.195	ug/l	98

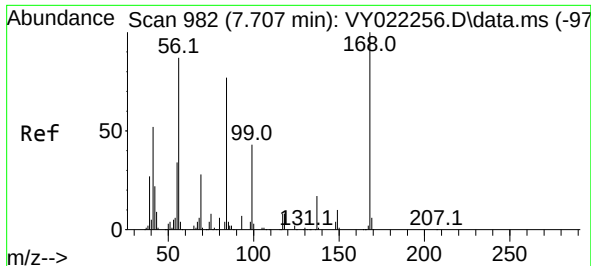
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Response via : Initial Calibration

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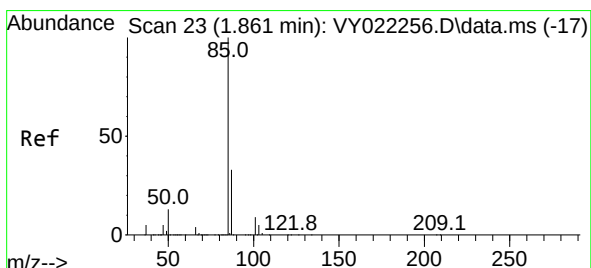
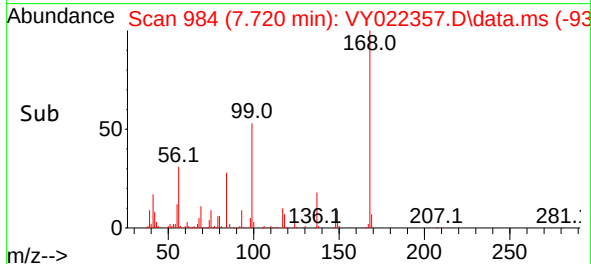
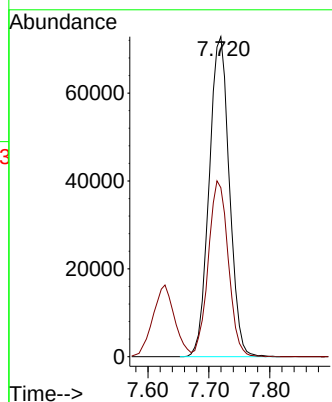
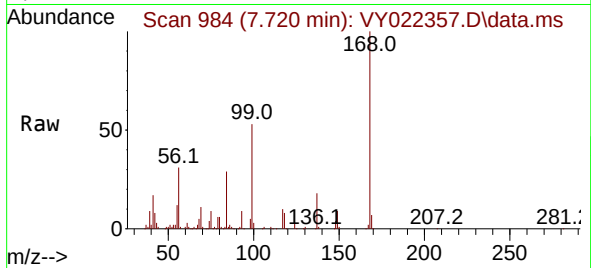
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY022357.D
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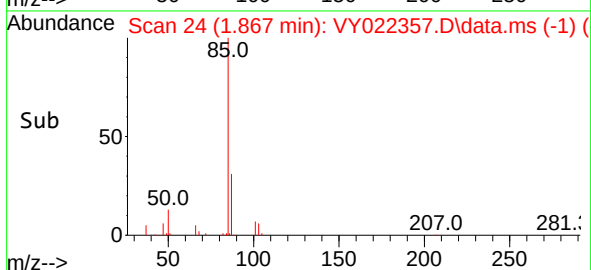
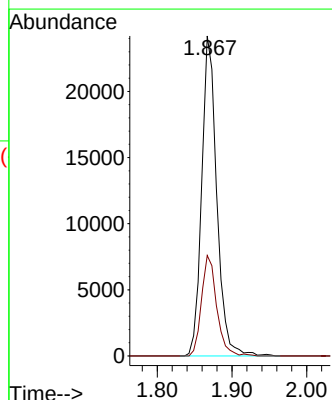
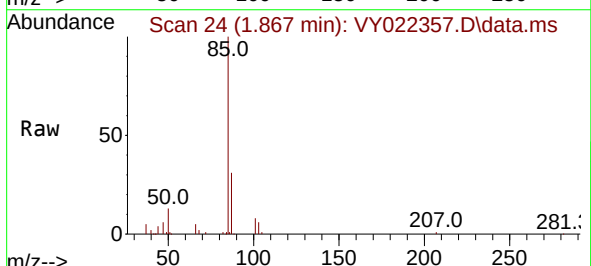
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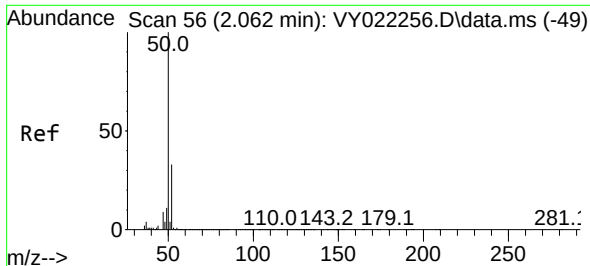
Tgt Ion:168 Resp: 167654
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.376 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 85 Resp: 33897
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5

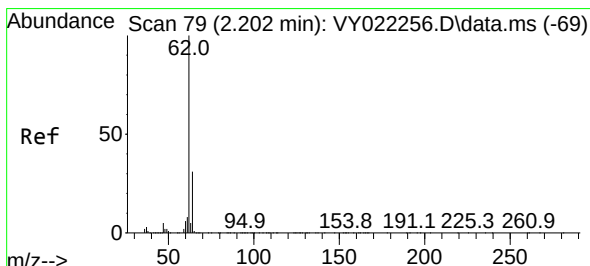
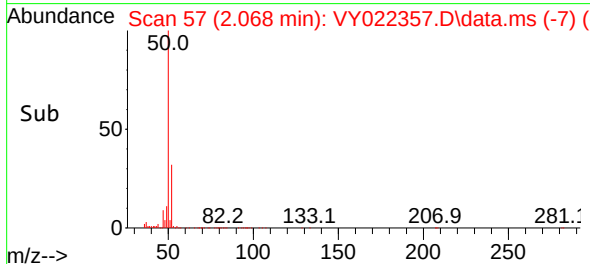
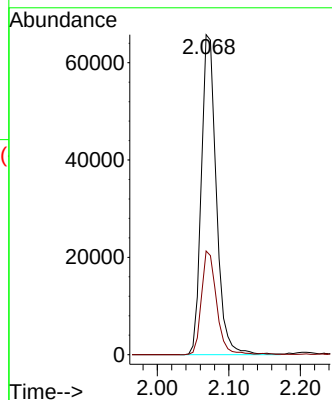
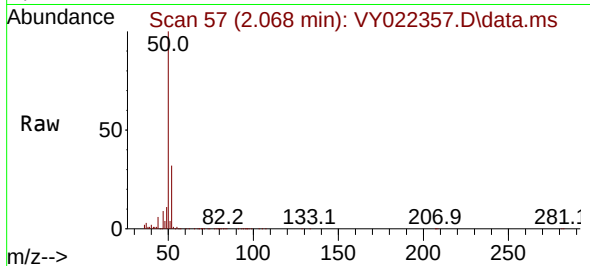




#3
Chloromethane
Concen: 26.045 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

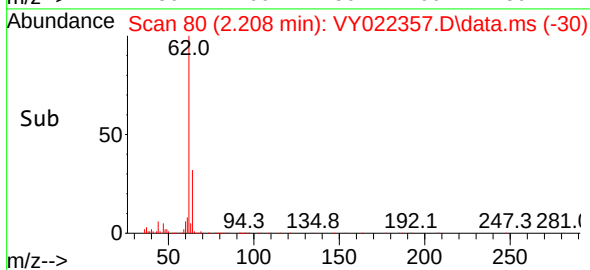
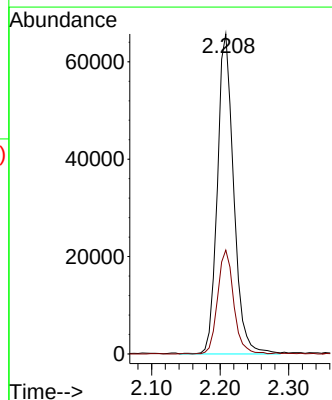
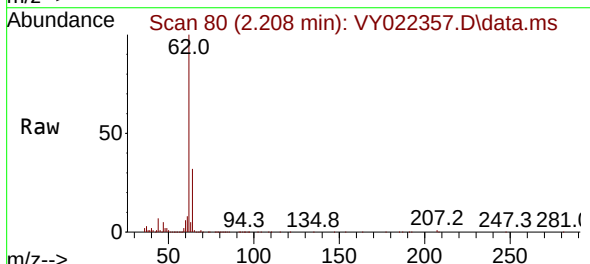
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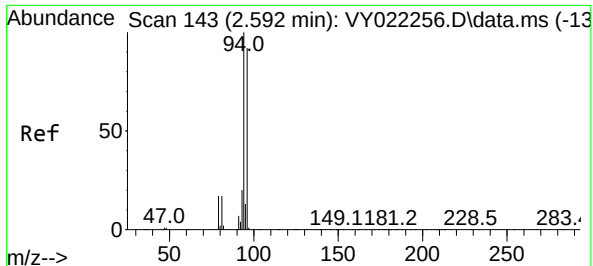
Tgt Ion: 50 Resp: 95846
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 26.433 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 62 Resp: 108676
Ion Ratio Lower Upper
62 100
64 32.3 24.5 36.7

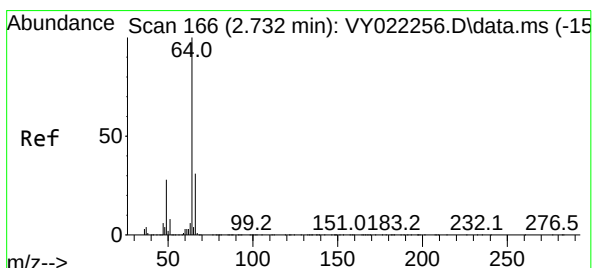
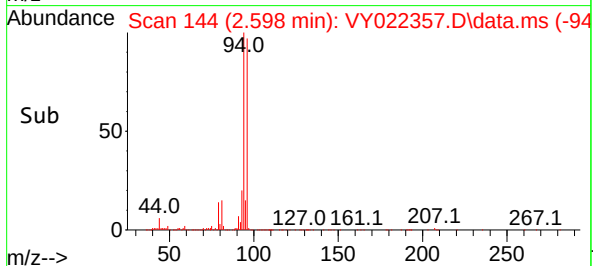
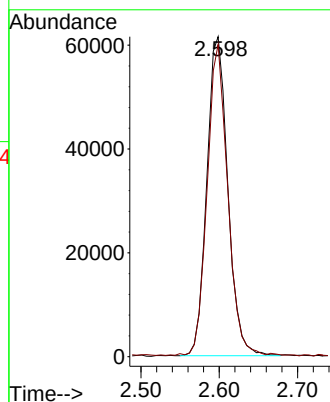
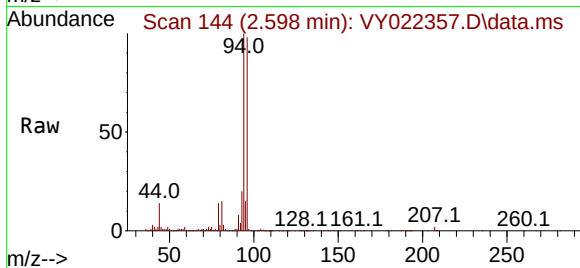




#5
Bromomethane
Concen: 34.189 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

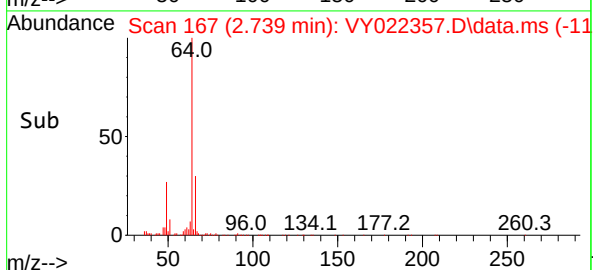
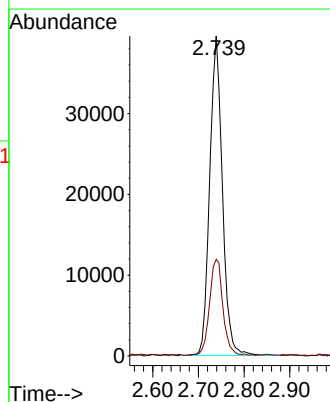
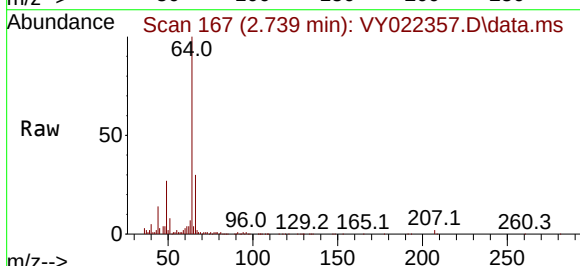
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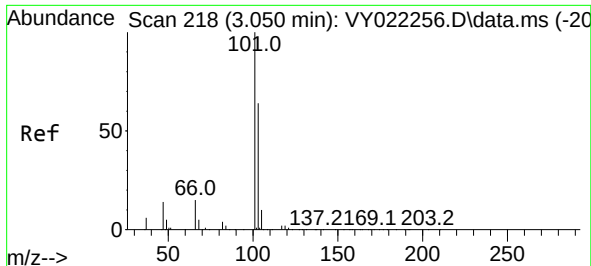
Tgt Ion: 94 Resp: 114427
Ion Ratio Lower Upper
94 100
96 97.3 73.4 110.0



#6
Chloroethane
Concen: 29.802 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 64 Resp: 76227
Ion Ratio Lower Upper
64 100
66 30.0 24.8 37.2

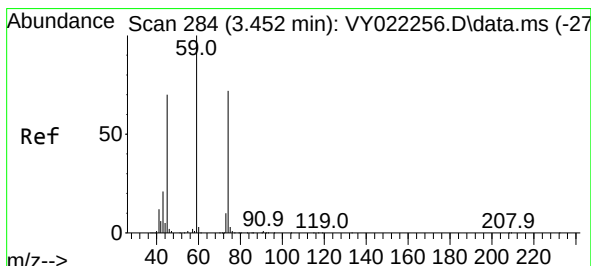
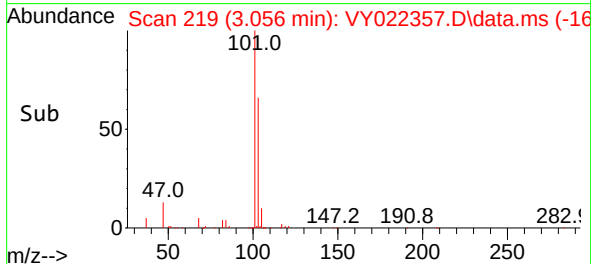
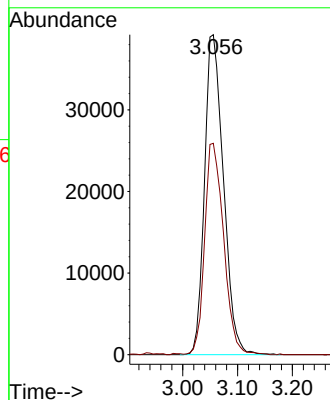
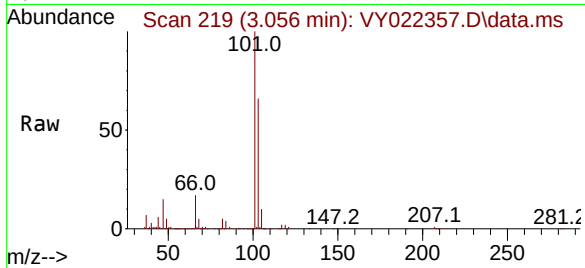




#7
 Trichlorofluoromethane
 Concen: 22.530 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

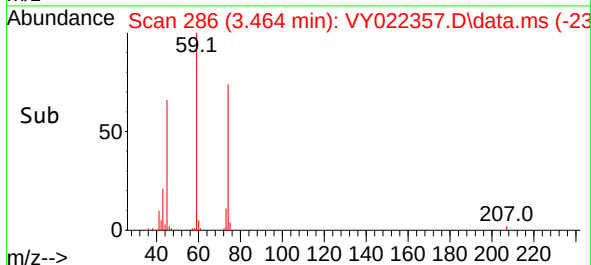
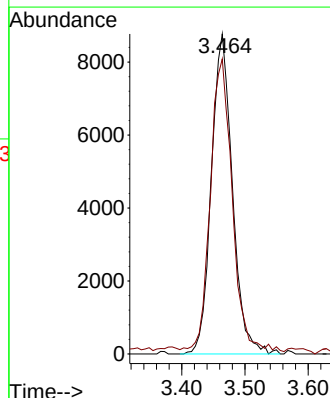
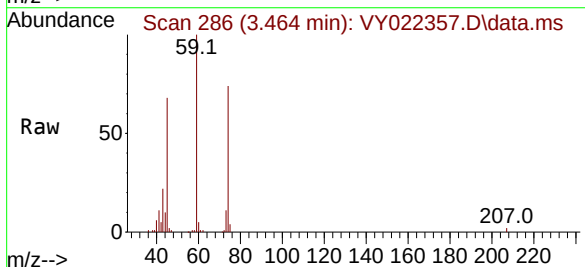
Instrument :
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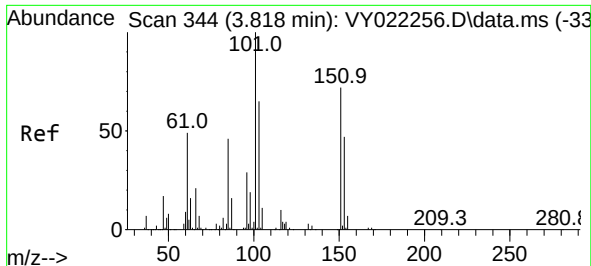
Tgt Ion:101 Resp: 93784
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.320 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

Tgt Ion: 74 Resp: 20299
 Ion Ratio Lower Upper
 74 100
 45 92.2 48.6 145.8

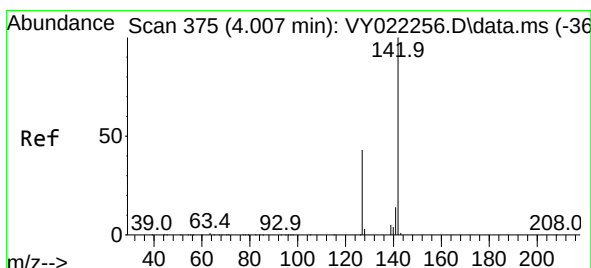
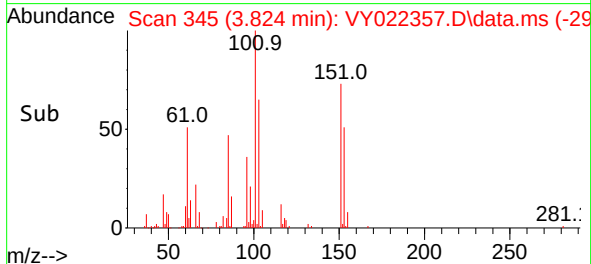
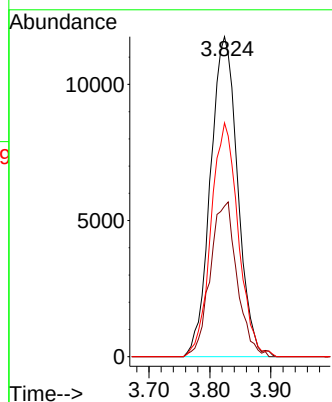
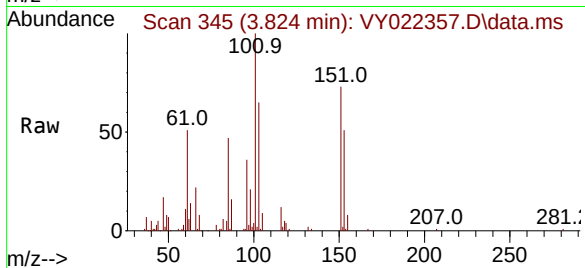




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.167 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022357.D
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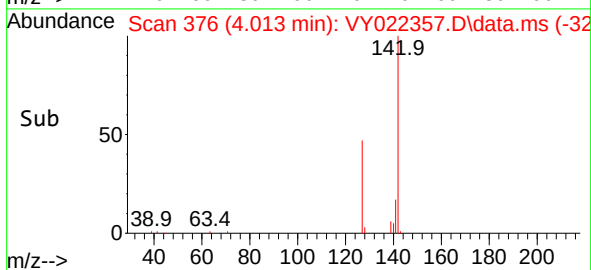
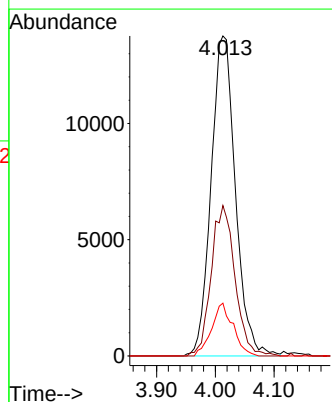
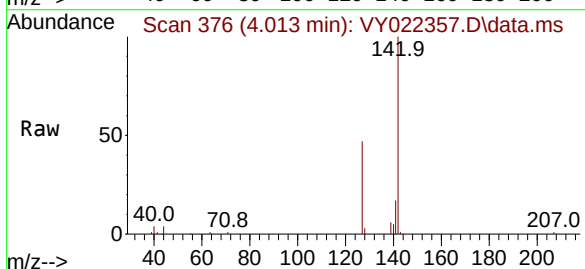
Instrument :
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ClientSampleId :
VY0521SBSD01

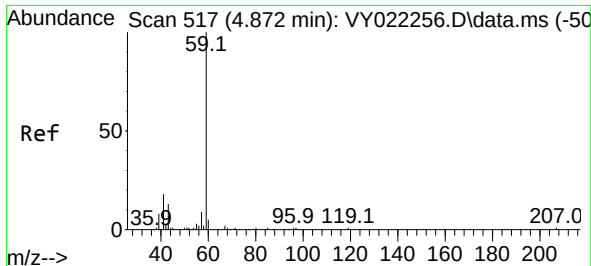
Tgt Ion:101 Resp: 36445
Ion Ratio Lower Upper
101 100
85 47.7 38.6 58.0
151 73.2 59.7 89.5



#10
Methyl Iodide
Concen: 18.947 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion:142 Resp: 39629
Ion Ratio Lower Upper
142 100
127 46.0 35.7 53.5
141 14.6 11.1 16.7

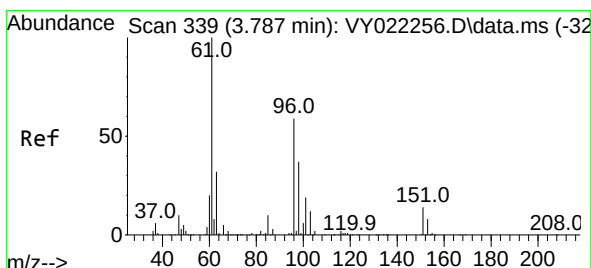
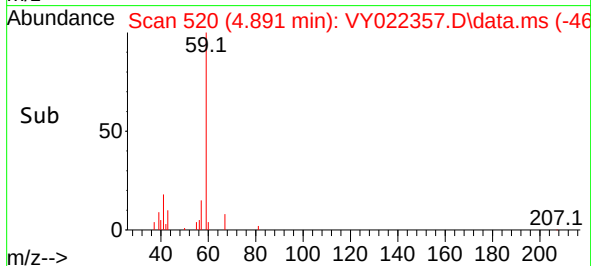
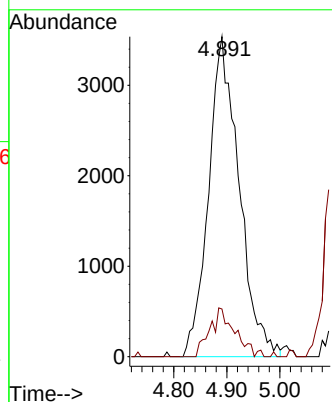
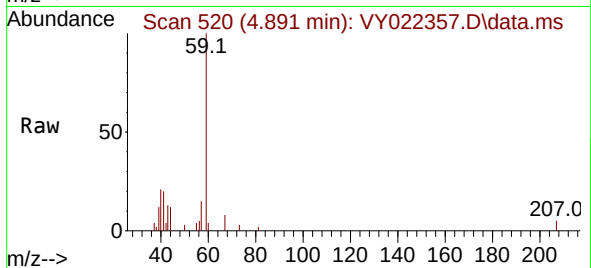




#11
Tert butyl alcohol
Concen: 101.028 ug/l
RT: 4.891 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

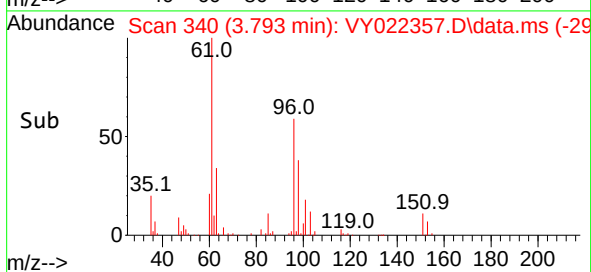
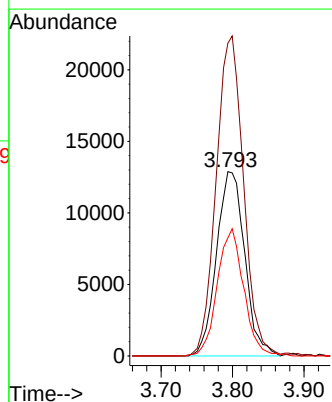
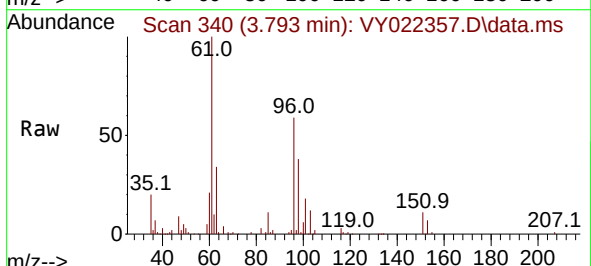
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

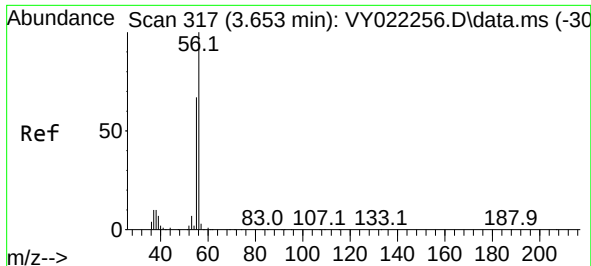
Tgt Ion: 59 Resp: 14136
Ion Ratio Lower Upper
59 100
57 12.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 19.690 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 96 Resp: 35311
Ion Ratio Lower Upper
96 100
61 169.7 134.9 202.3
98 64.0 49.9 74.9

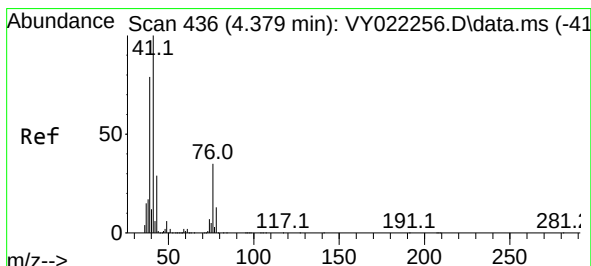
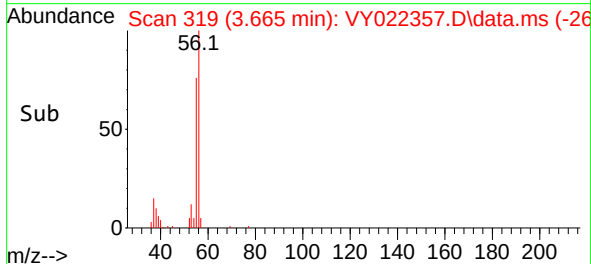
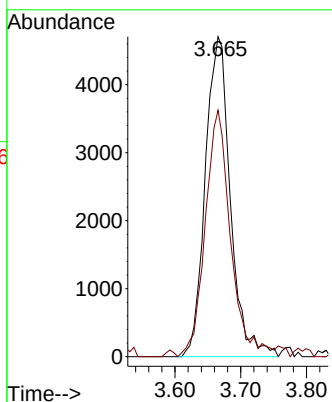
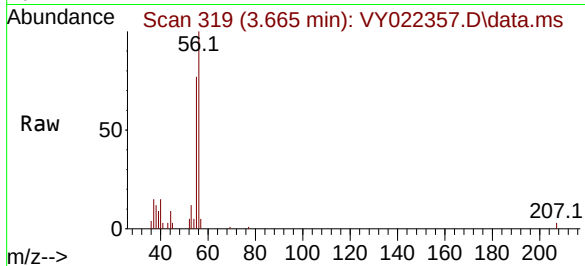




#13
Acrolein
Concen: 60.919 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

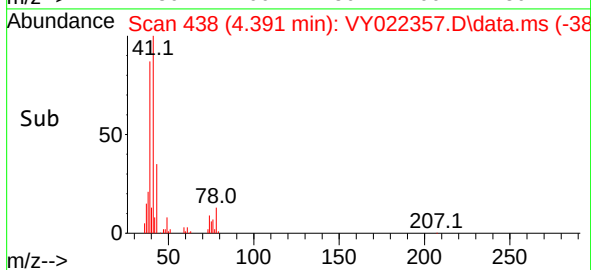
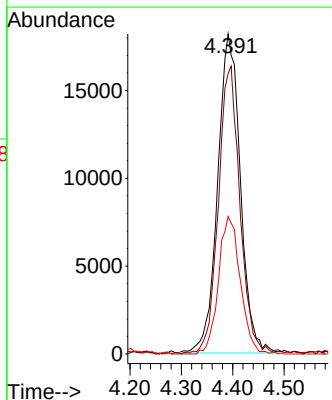
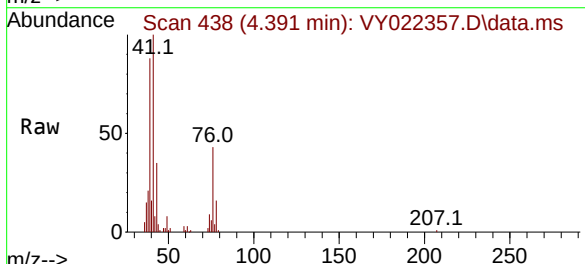
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

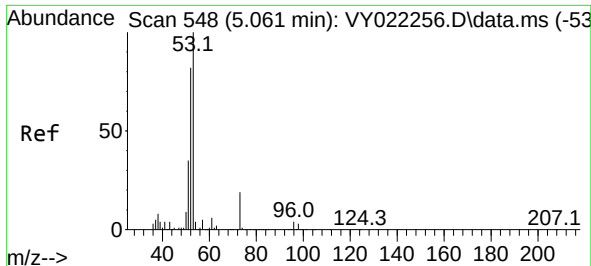
Tgt Ion: 56 Resp: 12461
Ion Ratio Lower Upper
56 100
55 77.7 55.6 83.4



#14
Allyl chloride
Concen: 17.754 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

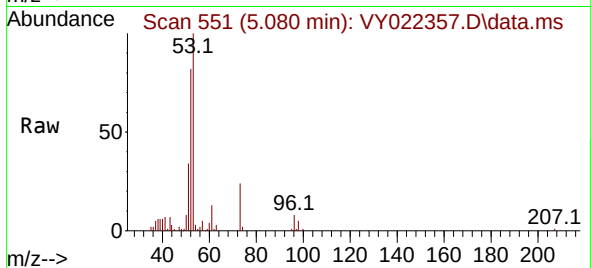
Tgt Ion: 41 Resp: 55827
Ion Ratio Lower Upper
41 100
39 85.7 63.4 95.0
76 41.5 29.5 44.3



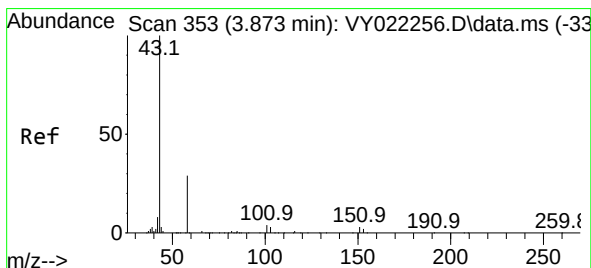
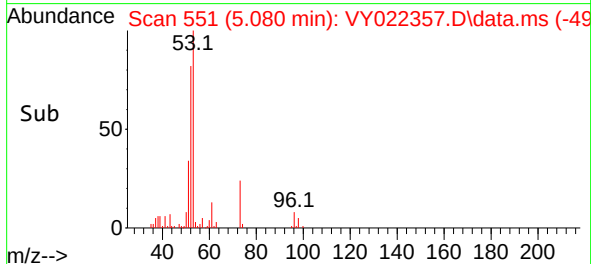
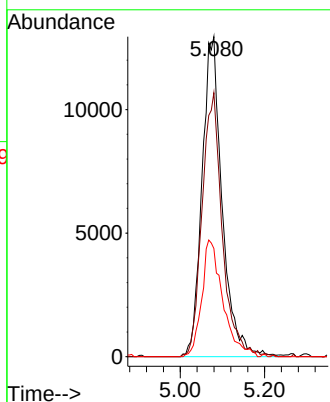


#15
Acrylonitrile
Concen: 104.556 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

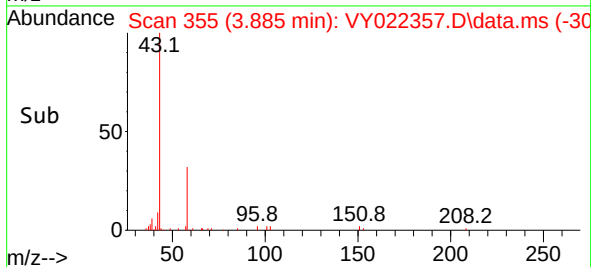
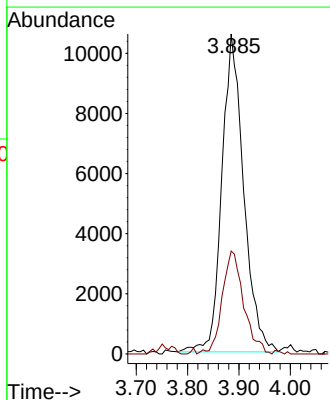
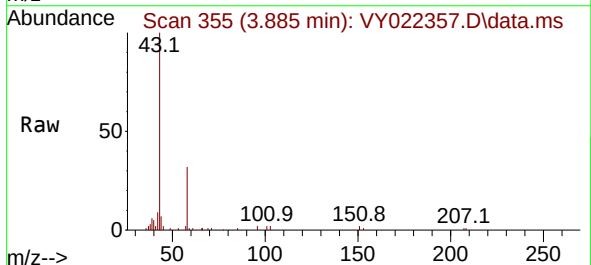


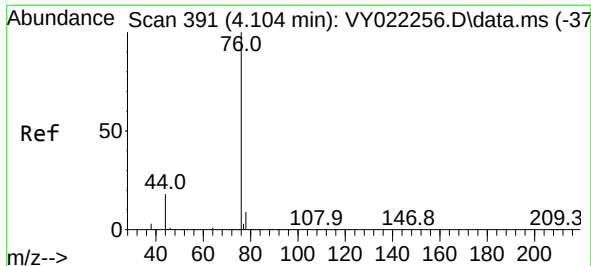
Tgt Ion: 53 Resp: 43038
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 38.2 30.0 45.0



#16
Acetone
Concen: 90.811 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 43 Resp: 31200
Ion Ratio Lower Upper
43 100
58 31.8 23.6 35.4

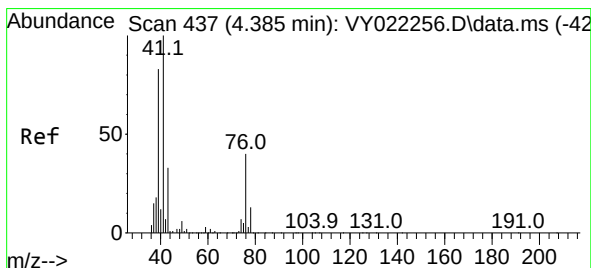
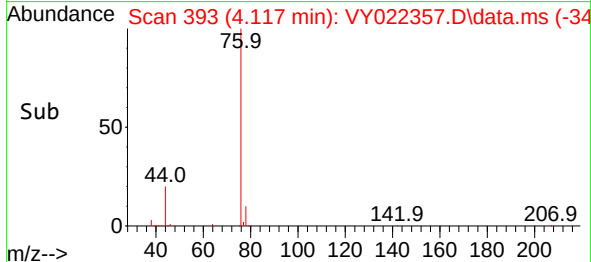
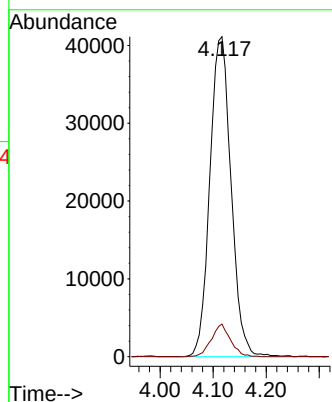
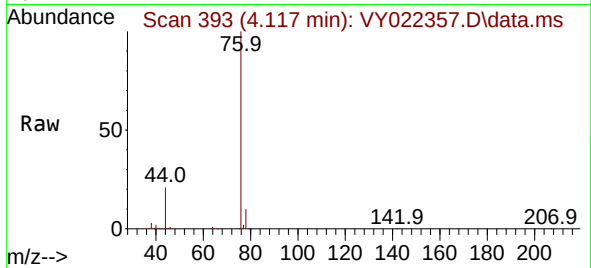




#17
Carbon Disulfide
Concen: 19.535 ug/l
RT: 4.117 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

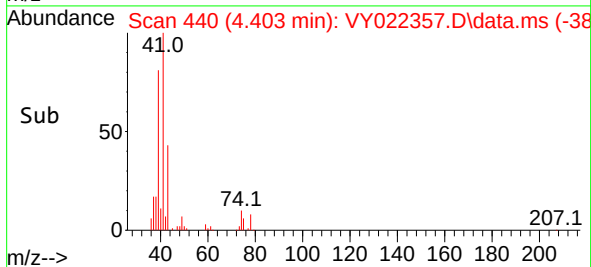
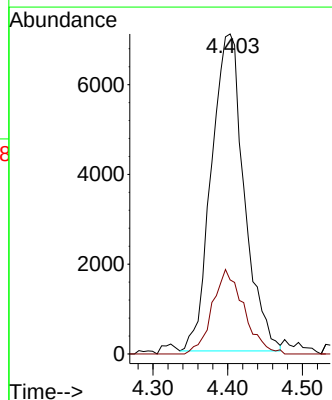
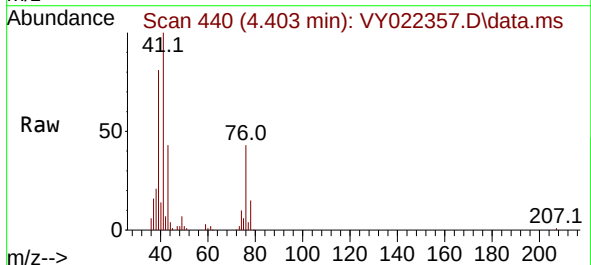
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

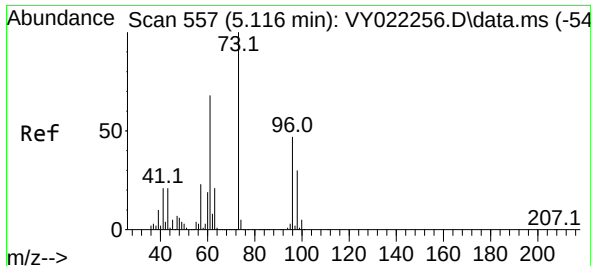
Tgt Ion: 76 Resp: 114241
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.924 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.018 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 43 Resp: 21583
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4

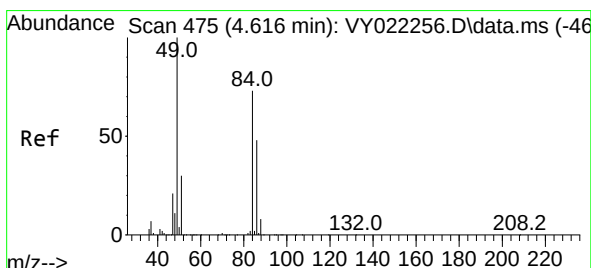
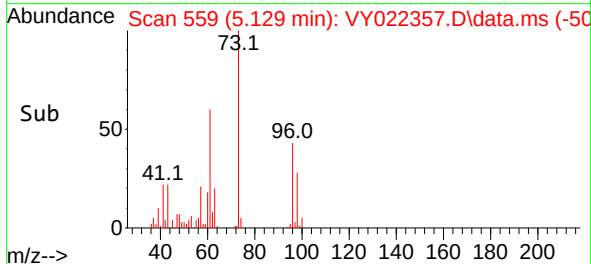
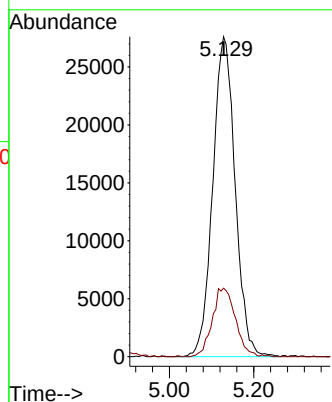
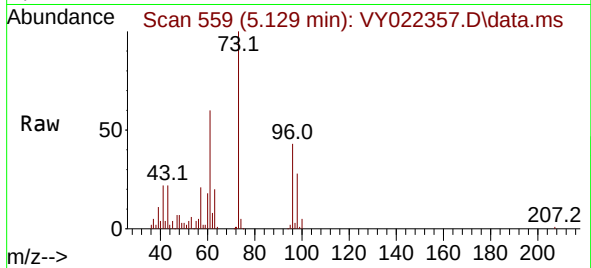




#19
Methyl tert-butyl Ether
Concen: 20.549 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

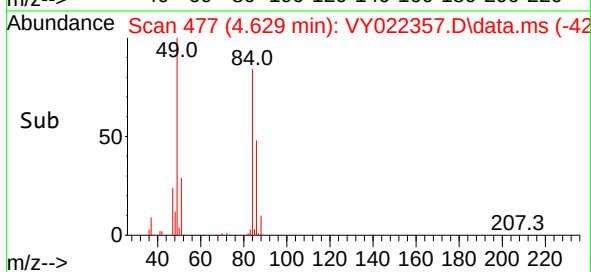
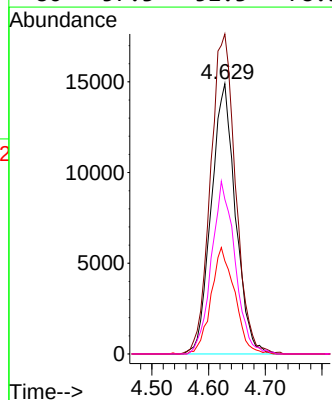
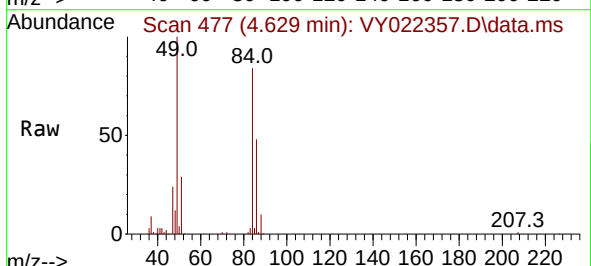
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

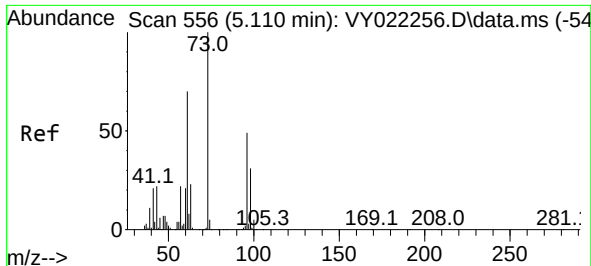
Tgt Ion: 73 Resp: 101610
Ion Ratio Lower Upper
73 100
57 21.4 18.6 28.0



#20
Methylene Chloride
Concen: 19.883 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 84 Resp: 44141
Ion Ratio Lower Upper
84 100
49 118.4 109.6 164.4
51 34.4 32.4 48.6
86 57.3 52.3 78.5

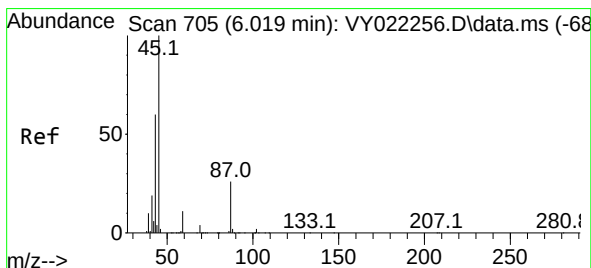
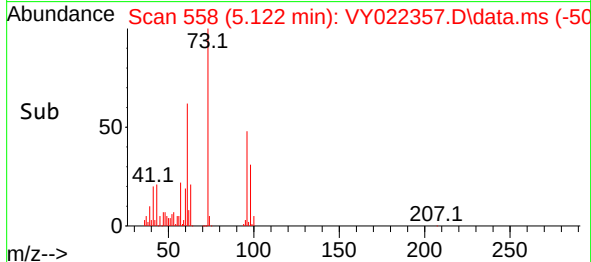
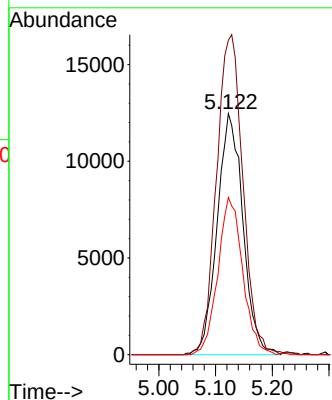
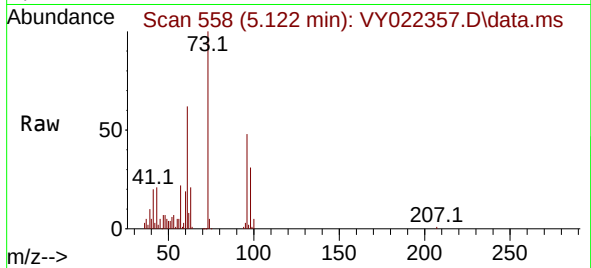




#21
trans-1,2-Dichloroethene
Concen: 19.858 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

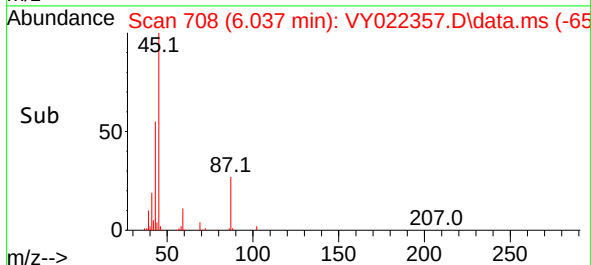
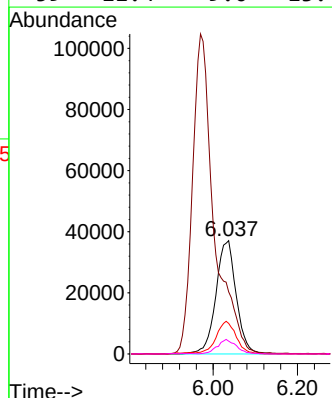
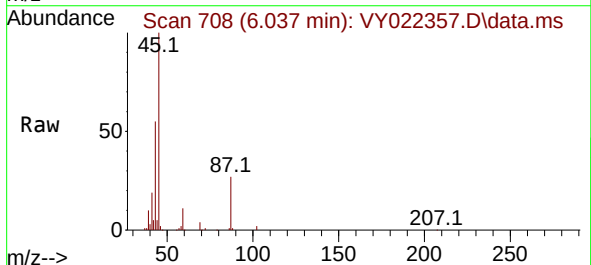
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

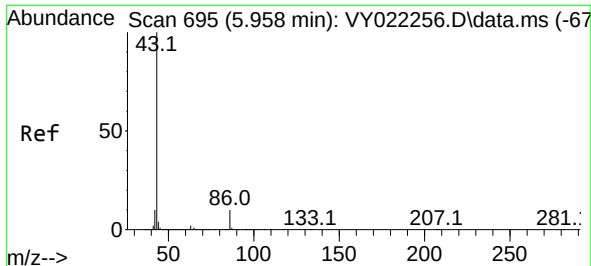
Tgt Ion: 96 Resp: 39307
Ion Ratio Lower Upper
96 100
61 130.4 113.4 170.0
98 65.2 50.9 76.3



#22
Diisopropyl ether
Concen: 18.644 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 45 Resp: 123801
Ion Ratio Lower Upper
45 100
43 54.3 48.2 72.2
87 27.0 21.4 32.0
59 11.4 9.0 13.4

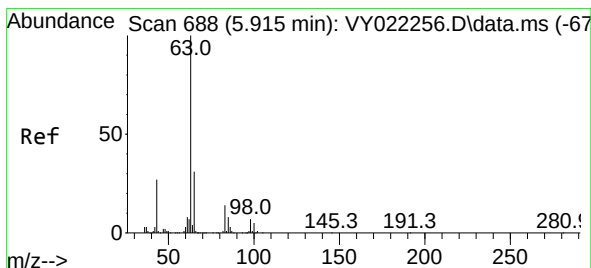
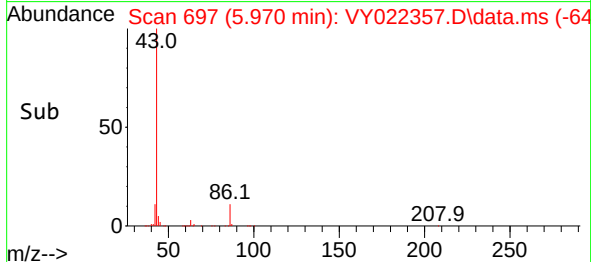
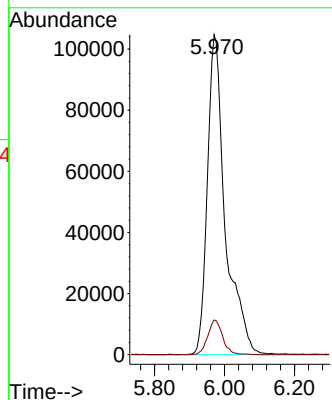
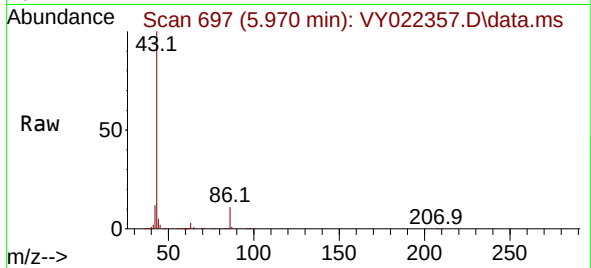




#23
 Vinyl Acetate
 Concen: 92.717 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

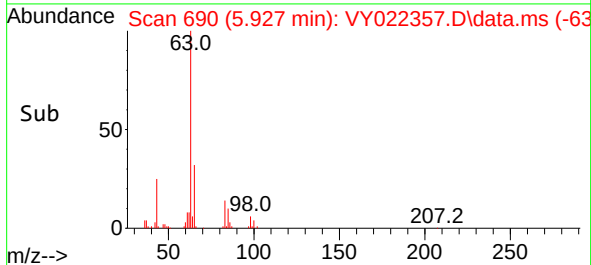
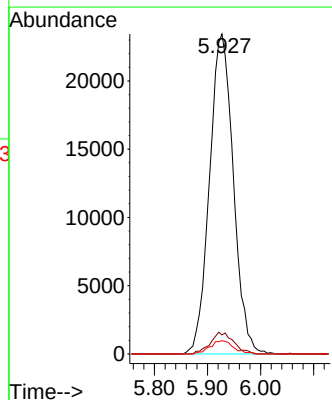
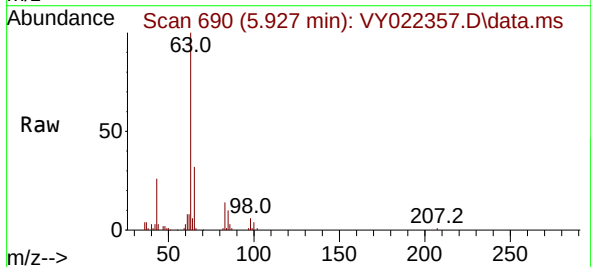
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS01

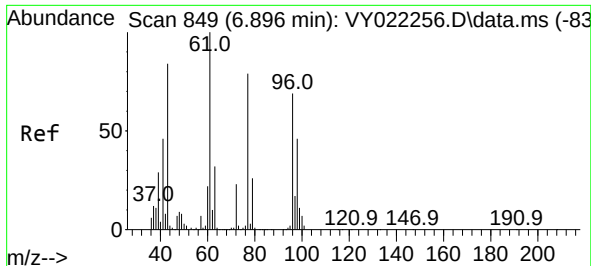
Tgt Ion: 43 Resp: 371954
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.732 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

Tgt Ion: 63 Resp: 73201
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 4.1 2.4 7.2

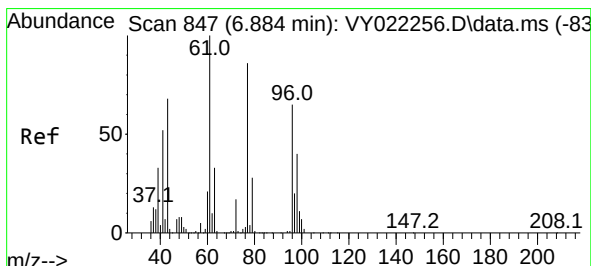
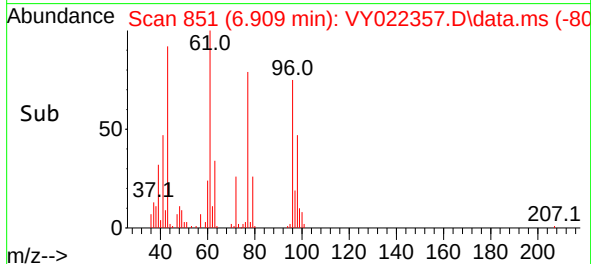
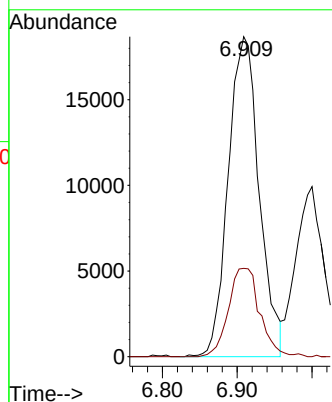
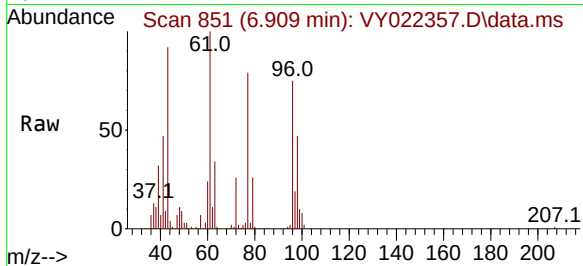




#25
2-Butanone
Concen: 93.666 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

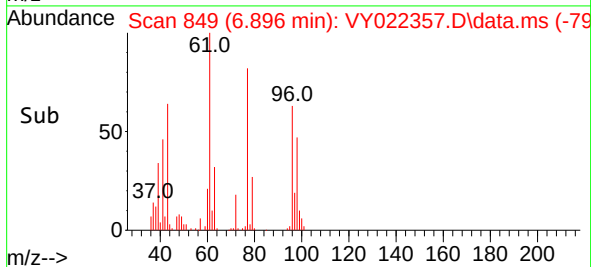
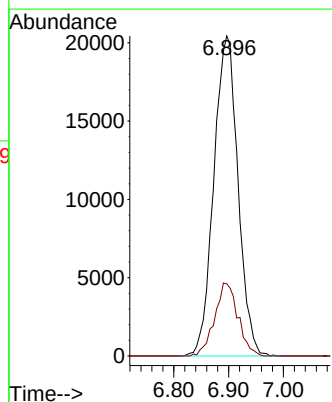
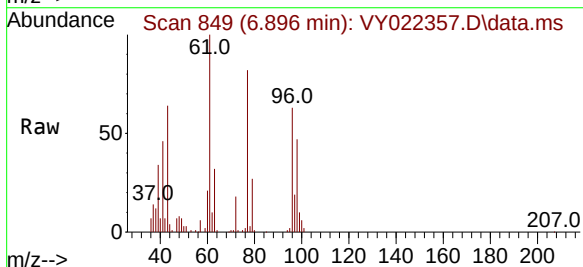
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

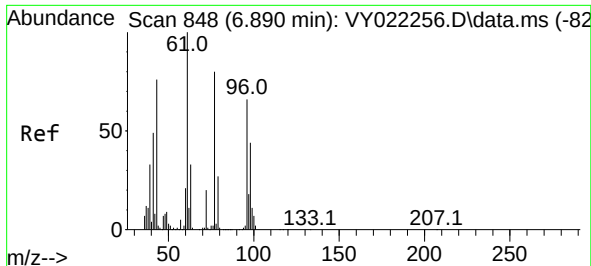
Tgt Ion: 43 Resp: 53829
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 18.982 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 77 Resp: 62636
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.078 ug/l

RT: 6.903 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

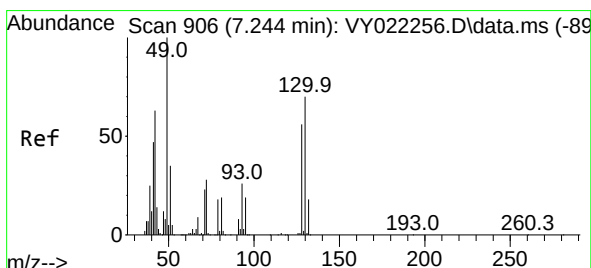
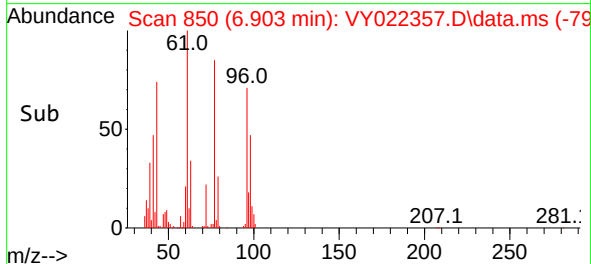
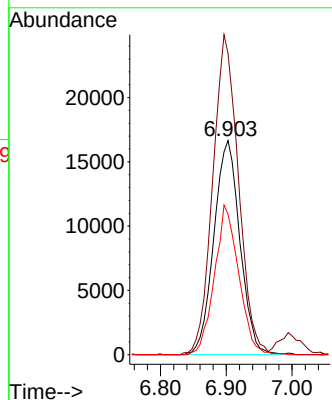
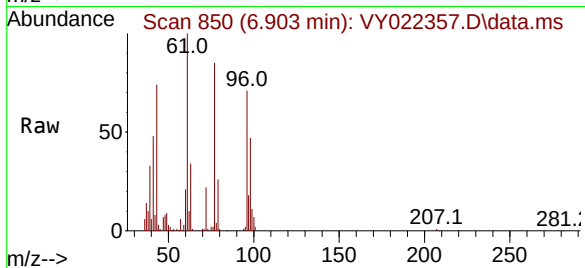
Tgt Ion: 96 Resp: 45862

Ion Ratio Lower Upper

96 100

61 147.2 0.0 302.6

98 65.1 0.0 128.8



#28

Bromochloromethane

Concen: 20.168 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

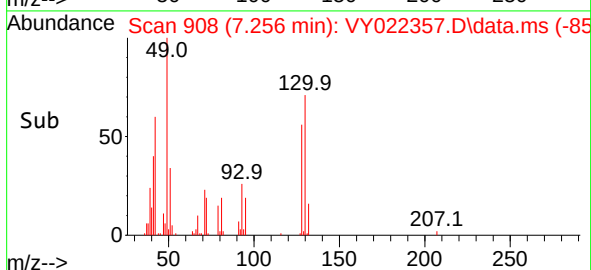
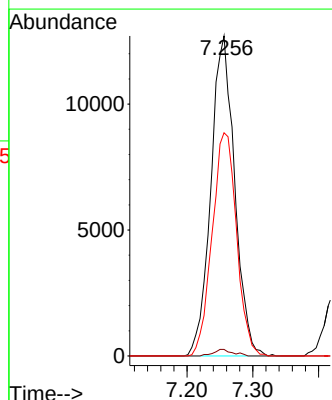
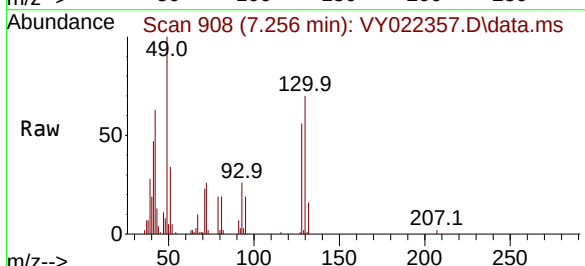
Tgt Ion: 49 Resp: 31914

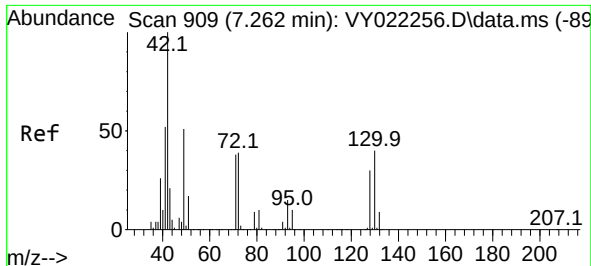
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 71.7 54.7 82.1





#29

Tetrahydrofuran

Concen: 100.222 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

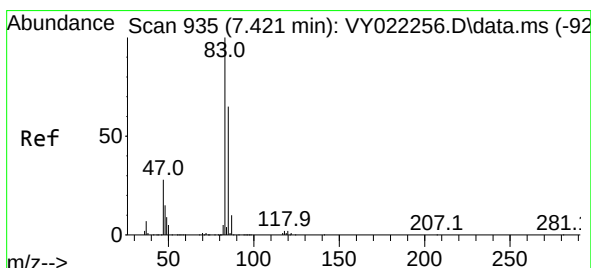
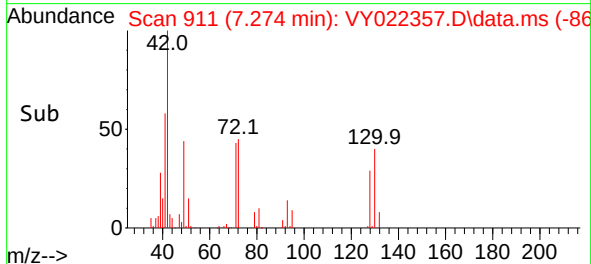
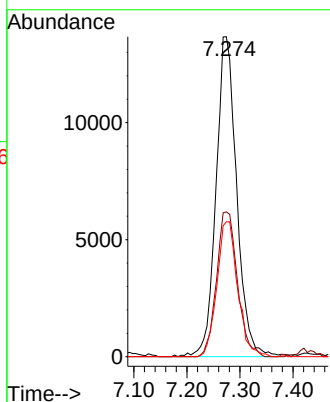
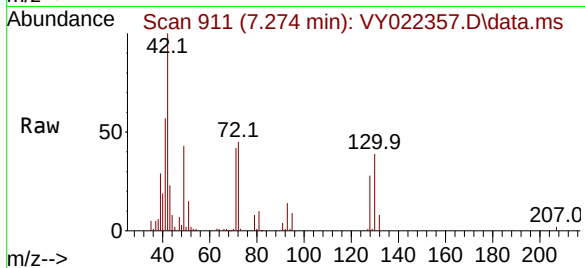
Tgt Ion: 42 Resp: 37055

Ion Ratio Lower Upper

42 100

72 45.8 33.8 50.6

71 42.4 31.5 47.3



#30

Chloroform

Concen: 20.291 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY022357.D

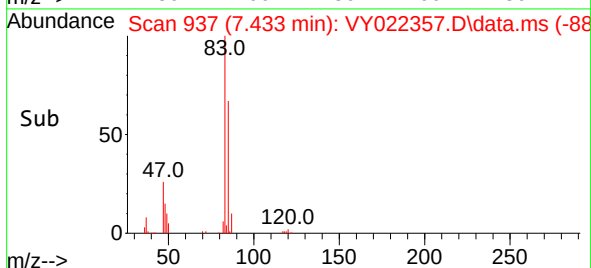
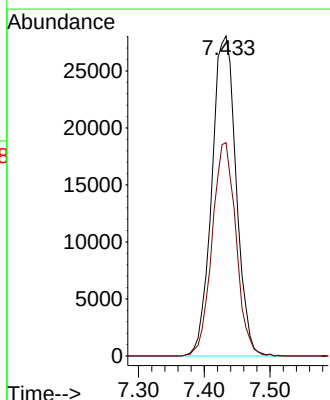
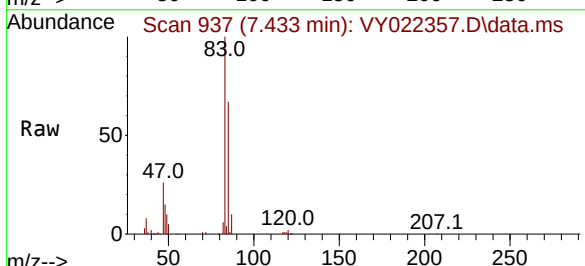
Acq: 21 May 2025 10:58

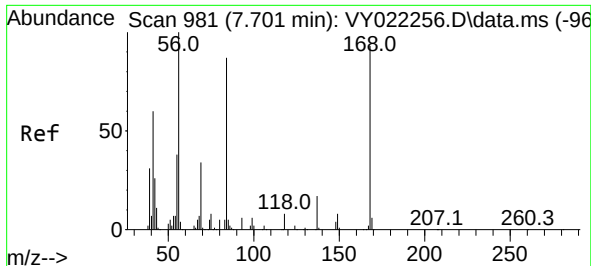
Tgt Ion: 83 Resp: 72203

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.8

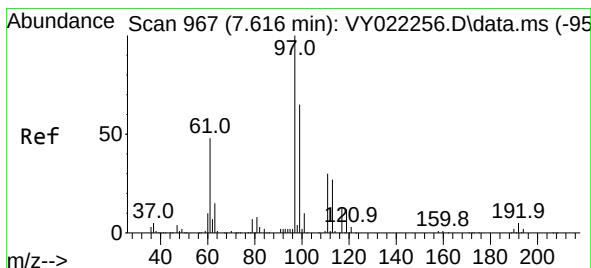
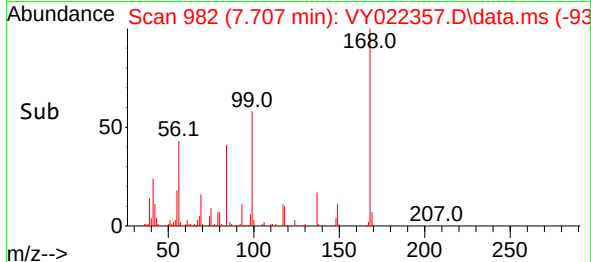
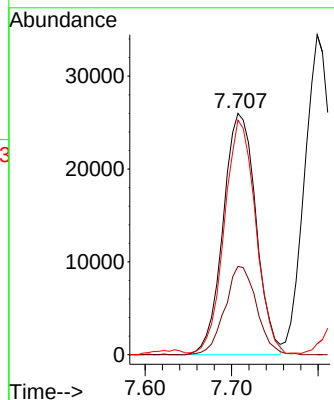
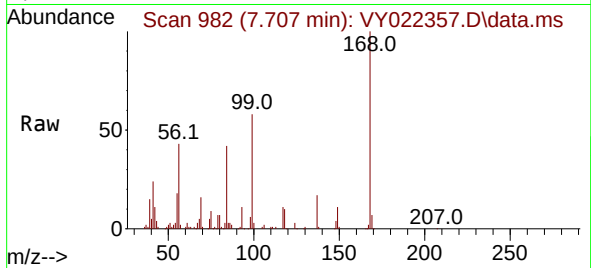




#31
Cyclohexane
Concen: 18.460 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

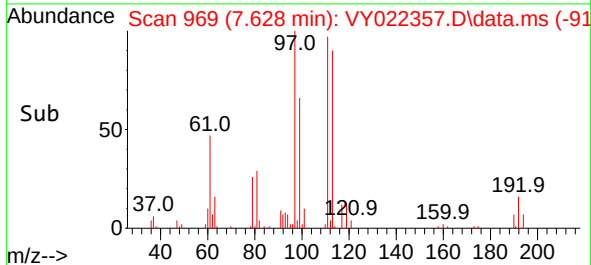
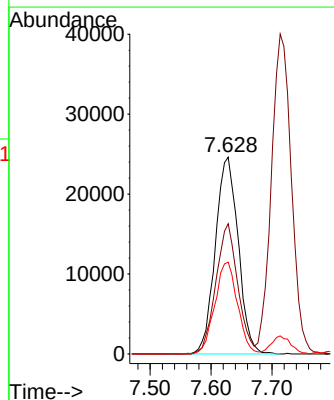
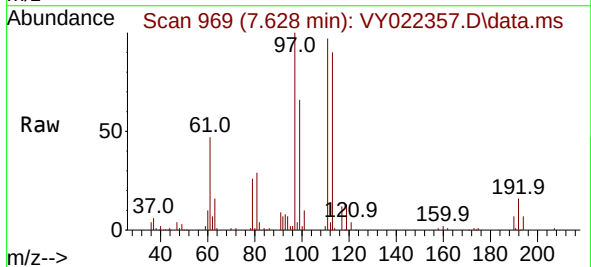
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

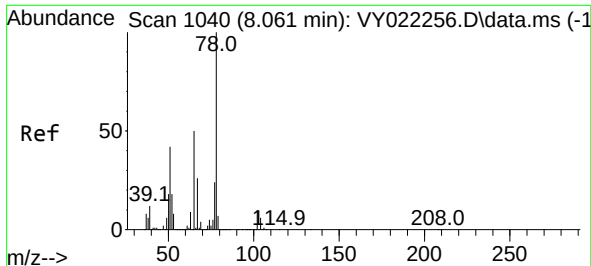
Tgt Ion: 56 Resp: 68426
Ion Ratio Lower Upper
56 100
69 36.6 27.4 41.2
84 95.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.682 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 97 Resp: 64255
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 46.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 49.097 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

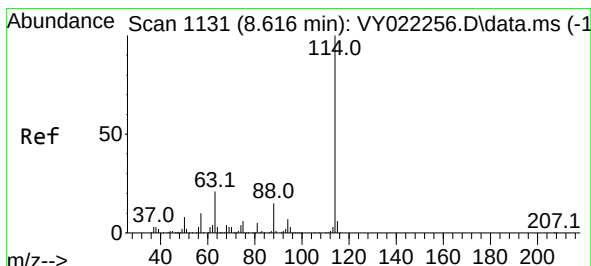
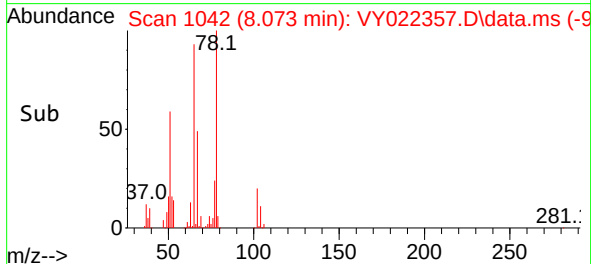
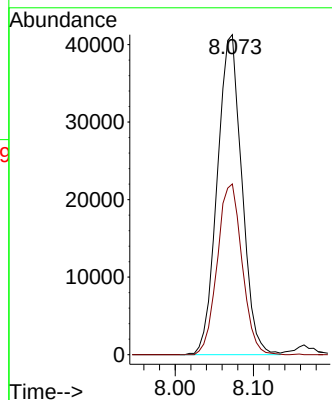
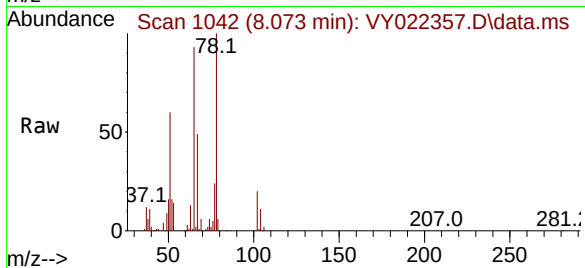
VY0521SBS01

Tgt Ion: 65 Resp: 89961

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

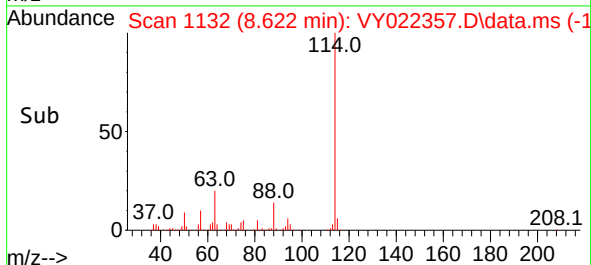
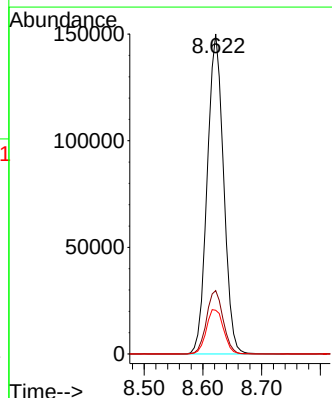
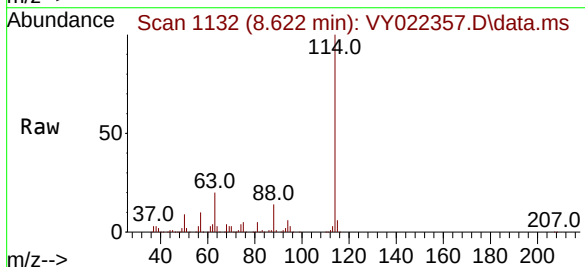
Tgt Ion: 114 Resp: 290006

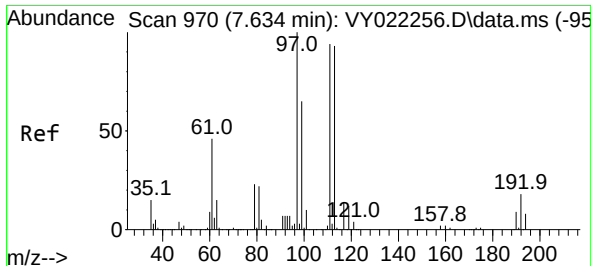
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

88 13.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.595 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

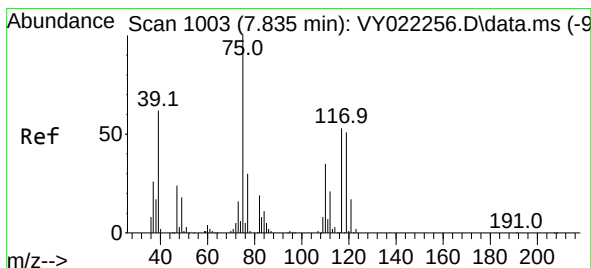
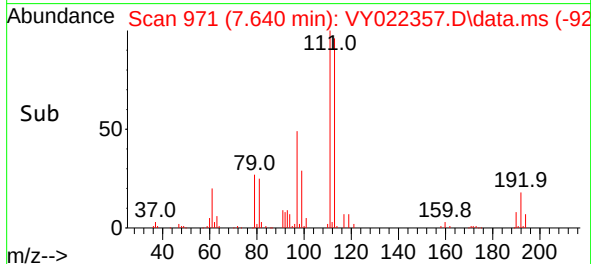
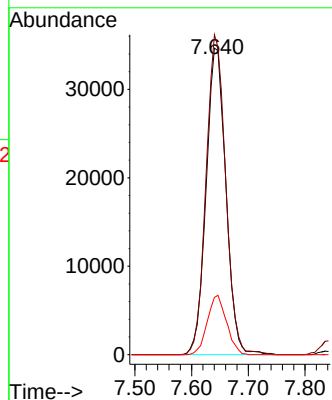
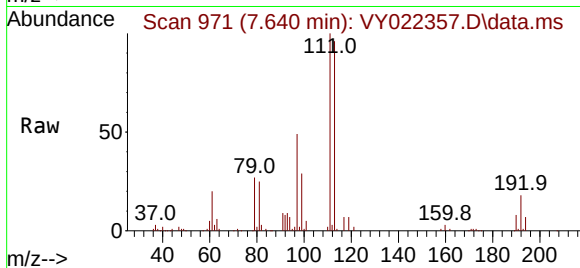
Tgt Ion:113 Resp: 84115

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 18.756 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

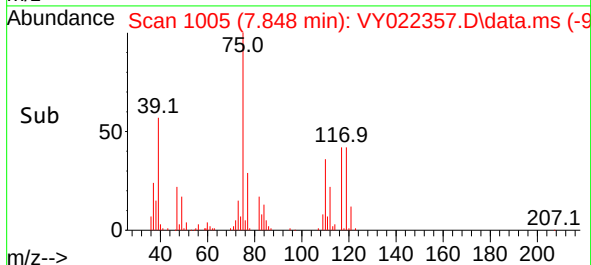
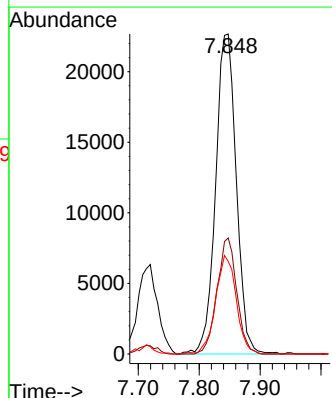
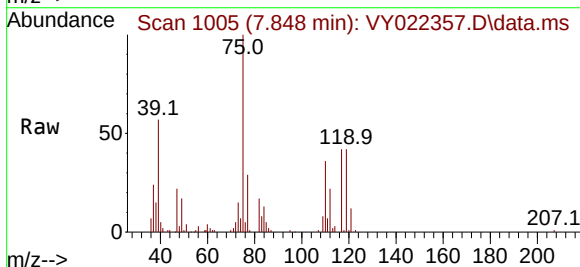
Tgt Ion: 75 Resp: 53474

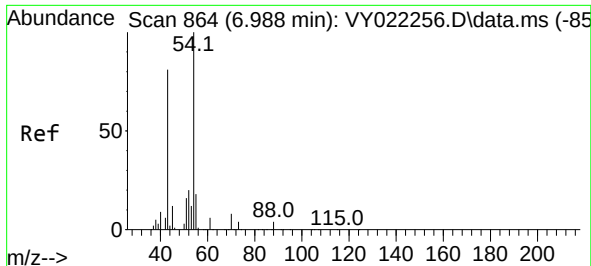
Ion Ratio Lower Upper

75 100

110 34.6 16.6 49.8

77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 19.648 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

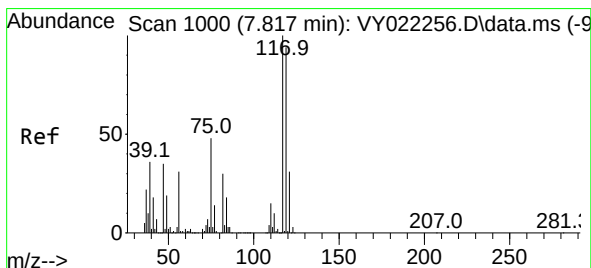
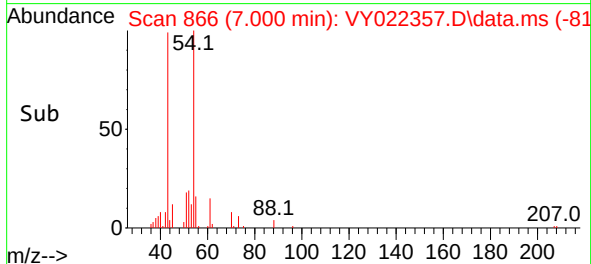
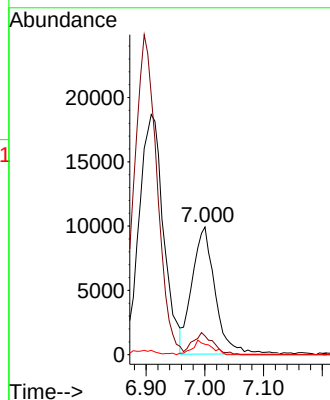
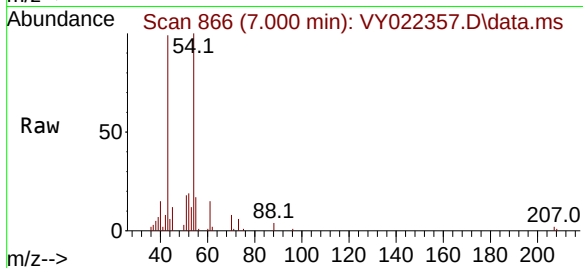
Tgt Ion: 43 Resp: 26953

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.2

70 8.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 18.721 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

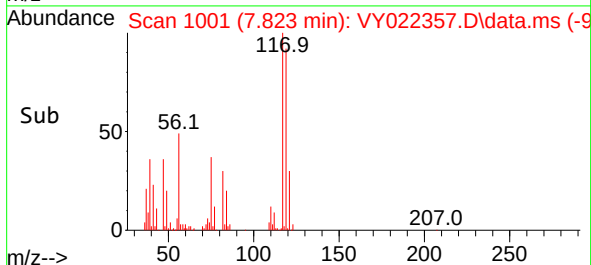
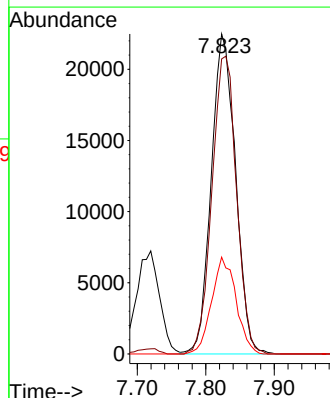
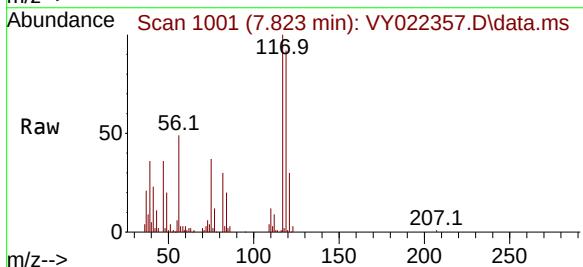
Tgt Ion: 117 Resp: 55250

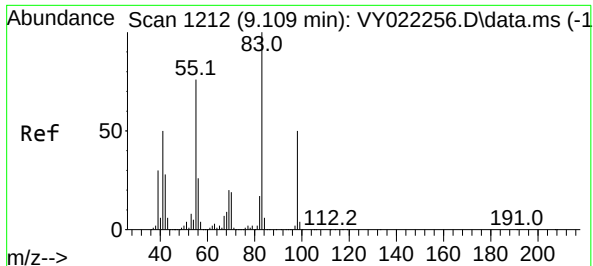
Ion Ratio Lower Upper

117 100

119 92.2 75.3 112.9

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 18.103 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

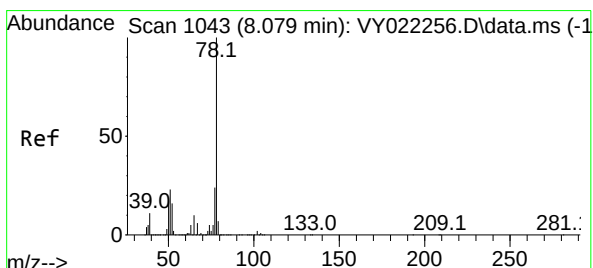
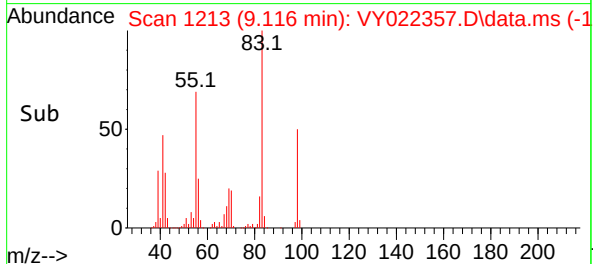
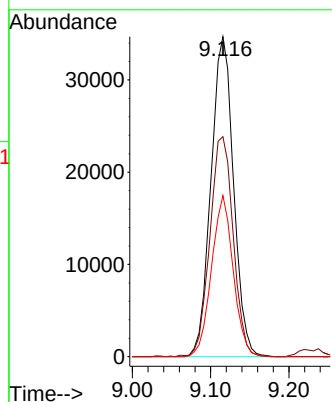
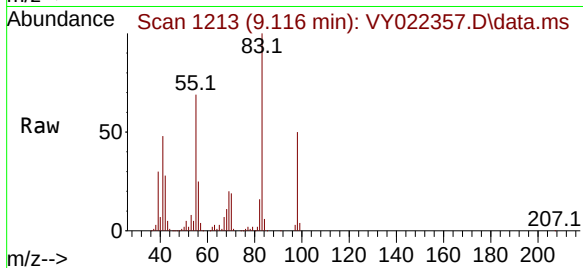
Tgt Ion: 83 Resp: 69340

Ion Ratio Lower Upper

83 100

55 68.8 60.6 90.8

98 50.3 40.0 60.0



#40

Benzene

Concen: 19.405 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022357.D

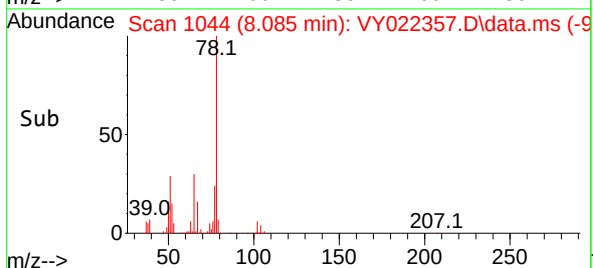
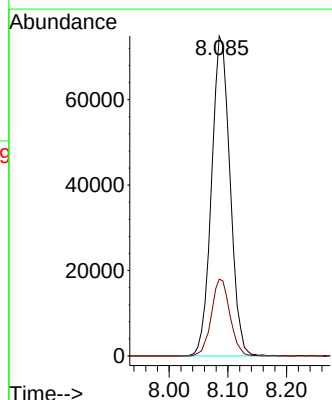
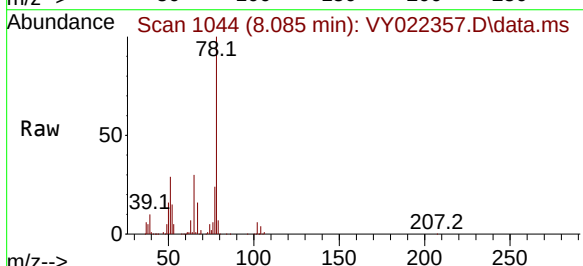
Acq: 21 May 2025 10:58

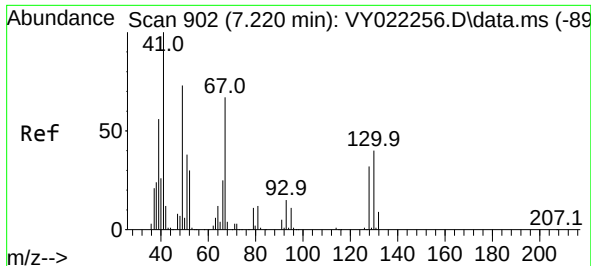
Tgt Ion: 78 Resp: 164005

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3

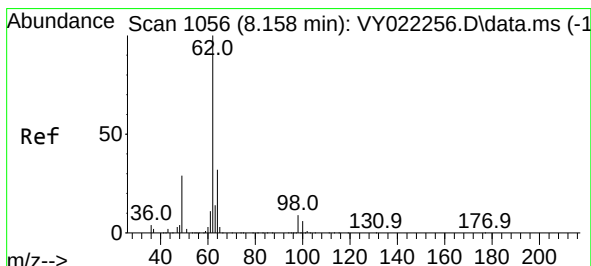
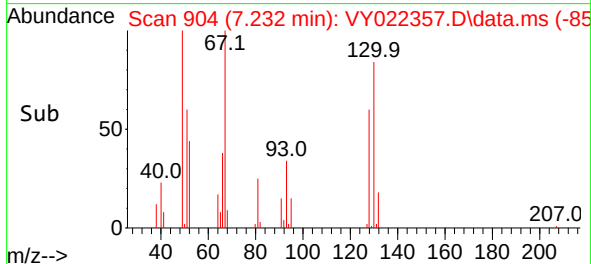
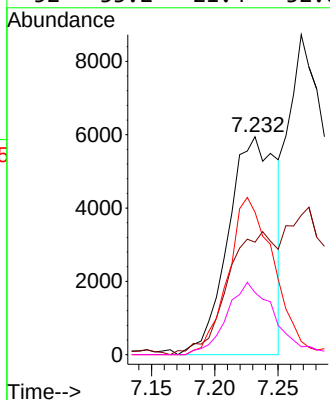
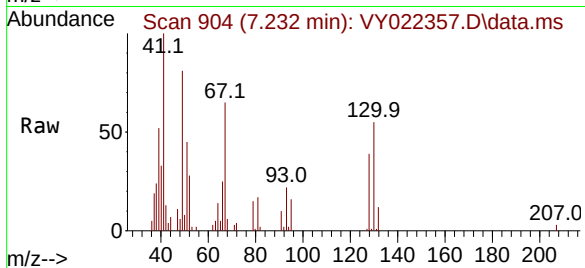




#41
Methacrylonitrile
Concen: 17.210 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

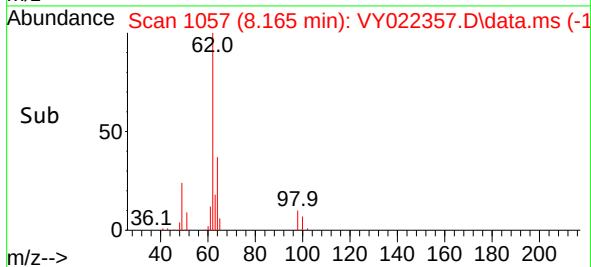
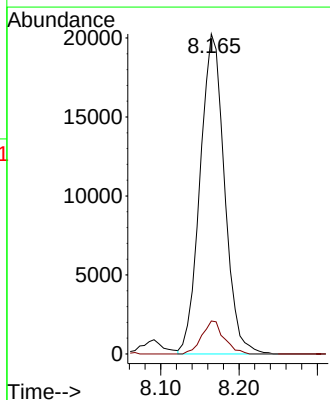
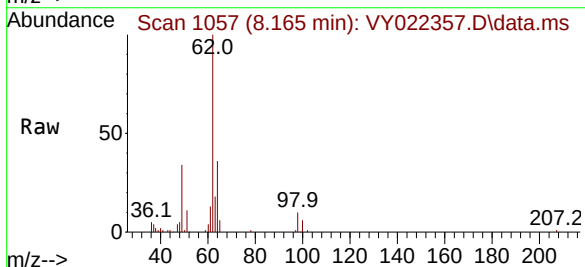
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

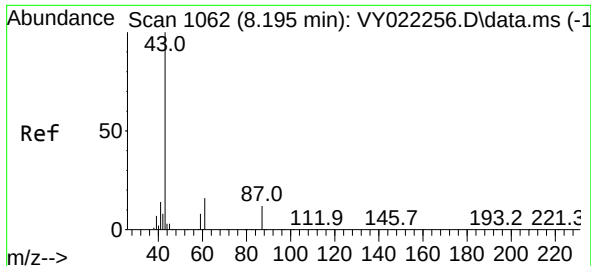
Tgt Ion:	41	Resp:	15660
Ion Ratio	Lower	Upper	
41	100		
39	58.0	39.1	58.7
67	69.6	47.1	70.7
52	33.2	21.4	32.0



#42
1,2-Dichloroethane
Concen: 19.185 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion:	62	Resp:	43850
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.4

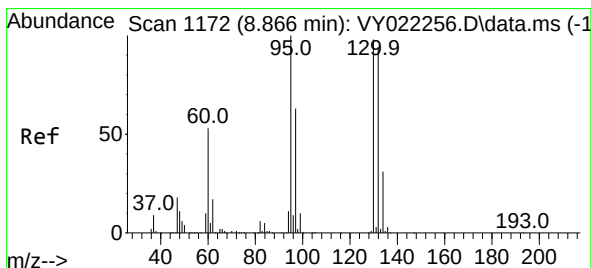
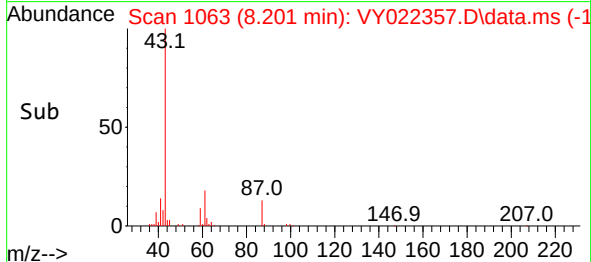
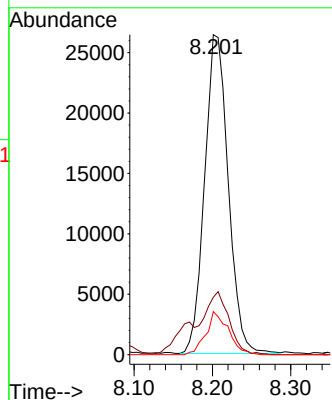
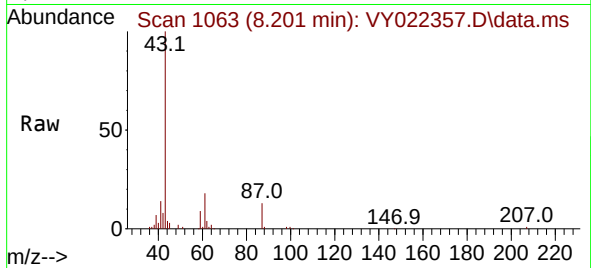




#43
Isopropyl Acetate
Concen: 18.485 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

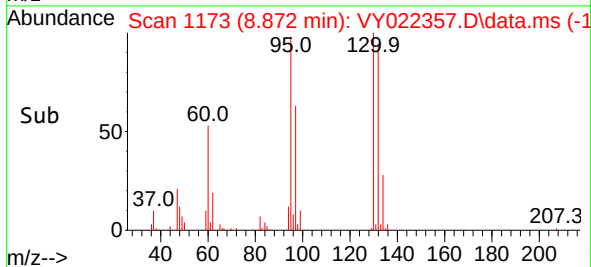
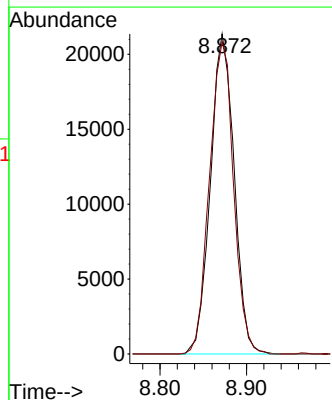
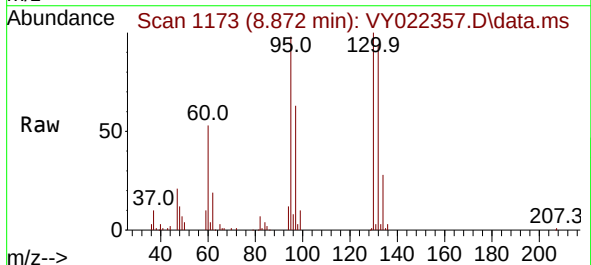
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

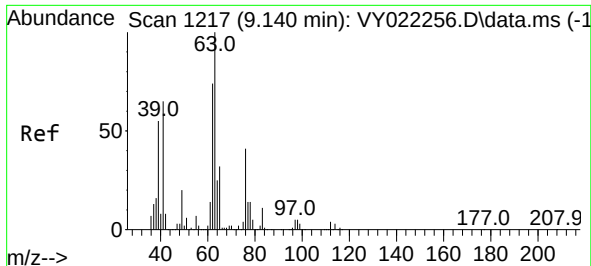
Tgt Ion: 43 Resp: 55302
Ion Ratio Lower Upper
43 100
61 20.8 15.1 22.7
87 12.9 9.7 14.5



#44
Trichloroethene
Concen: 19.321 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion:130 Resp: 40604
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 18.938 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

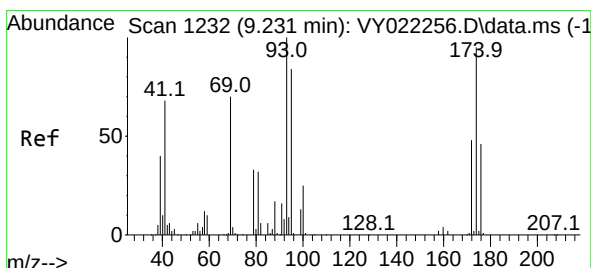
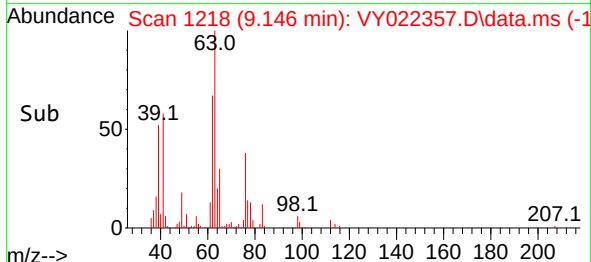
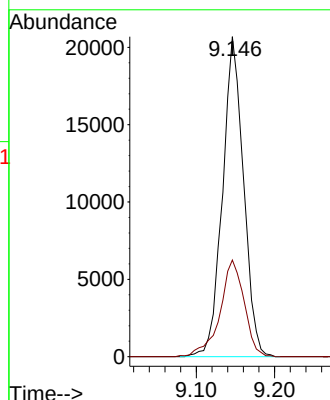
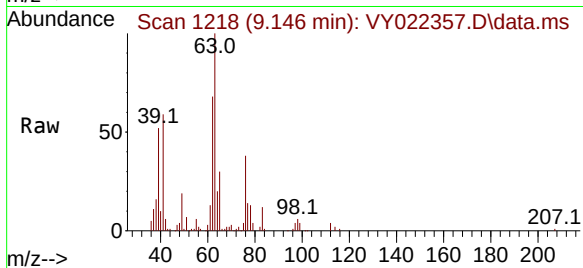
VY0521SBSD01

Tgt Ion: 63 Resp: 38589

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 19.906 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

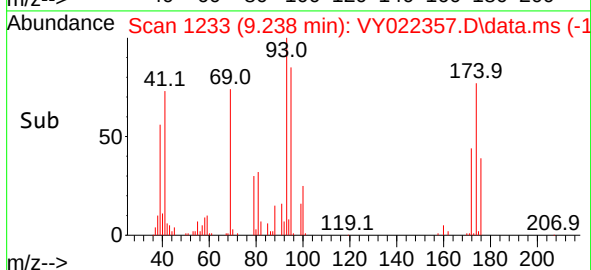
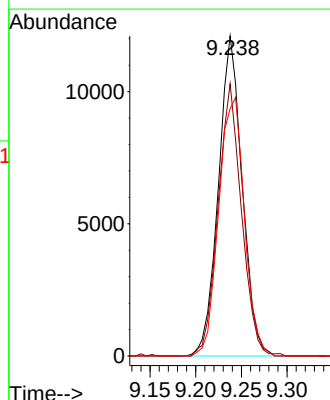
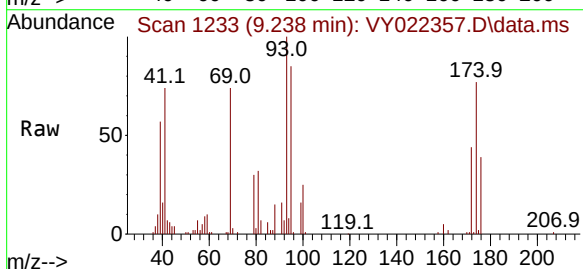
Tgt Ion: 93 Resp: 21878

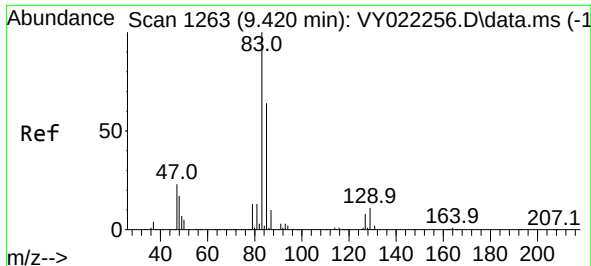
Ion Ratio Lower Upper

93 100

95 83.9 65.2 97.8

174 87.1 74.3 111.5

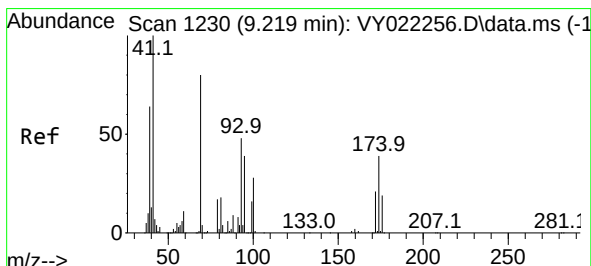
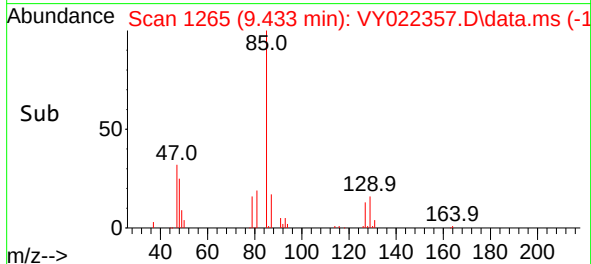
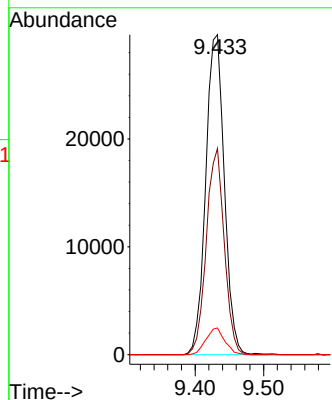
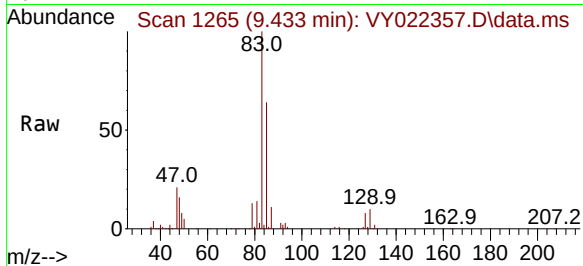




#47
Bromodichloromethane
Concen: 19.685 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

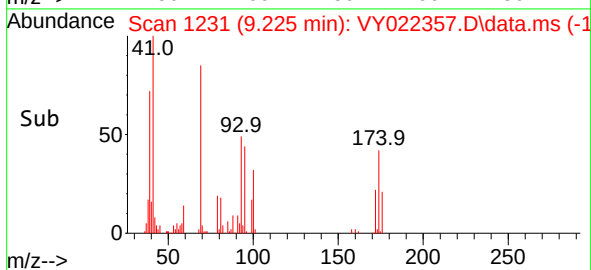
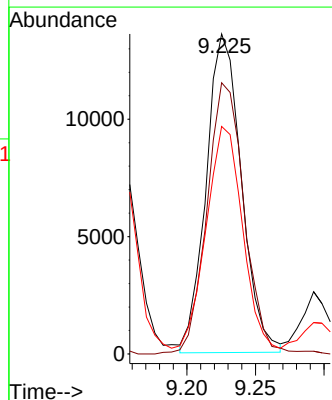
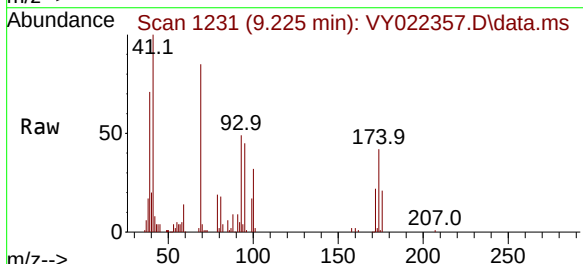
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

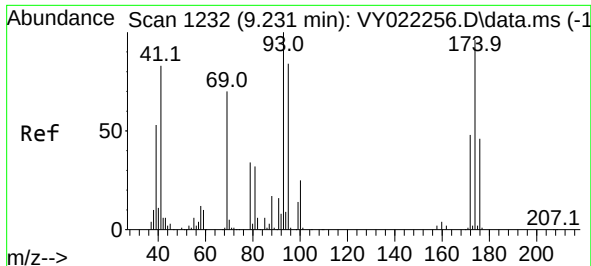
Tgt Ion: 83	Resp:	56125
Ion Ratio	Lower	Upper
83	100	
85	64.5	51.1 76.7
127	8.4	6.6 10.0



#48
Methyl methacrylate
Concen: 17.371 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 41	Resp:	24303
Ion Ratio	Lower	Upper
41	100	
69	89.8	63.5 95.3
39	71.3	50.8 76.2

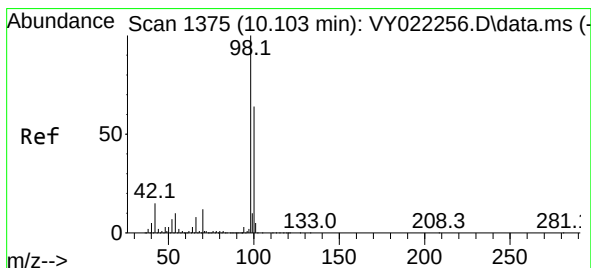
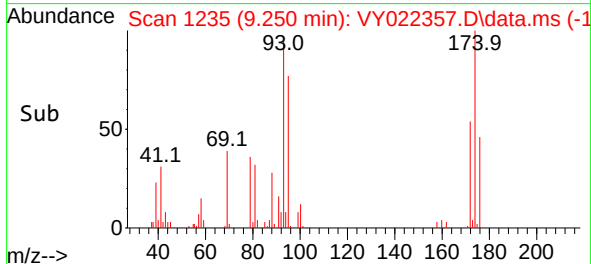
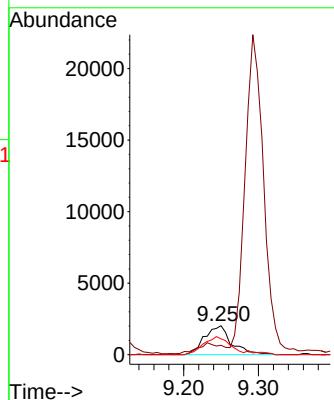
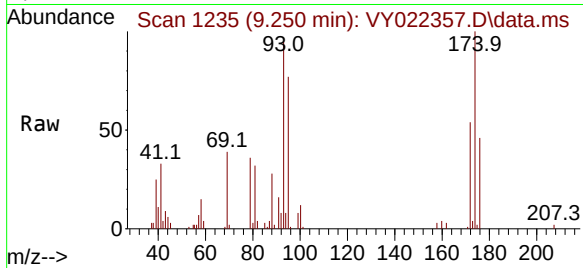




#49
1,4-Dioxane
Concen: 407.300 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

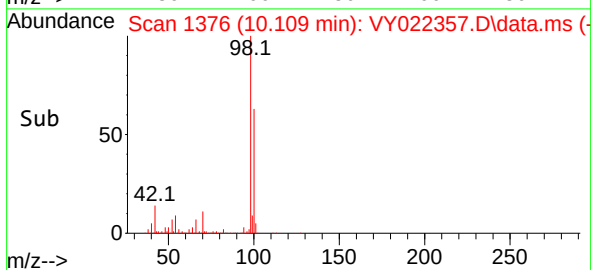
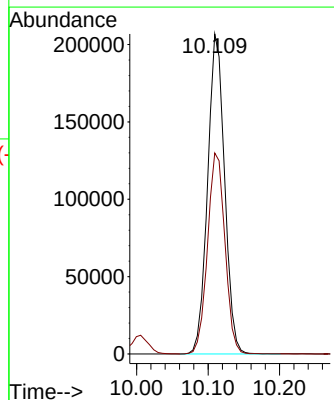
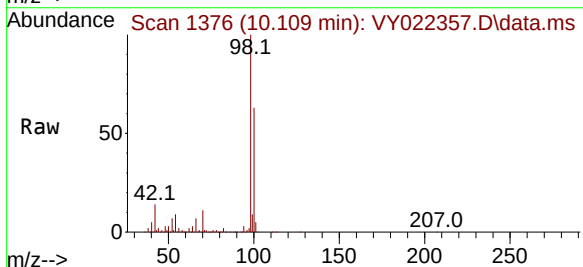
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

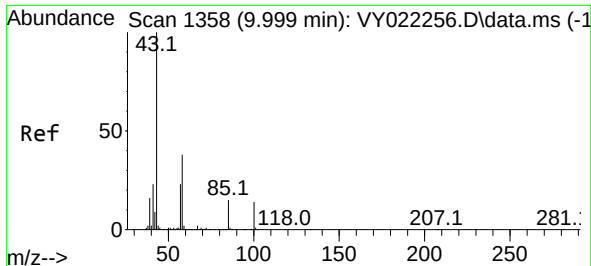
Tgt Ion: 88 Resp: 5057
Ion Ratio Lower Upper
88 100
43 32.6 28.5 42.7
58 60.1 61.4 92.2#



#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 98 Resp: 340664
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8

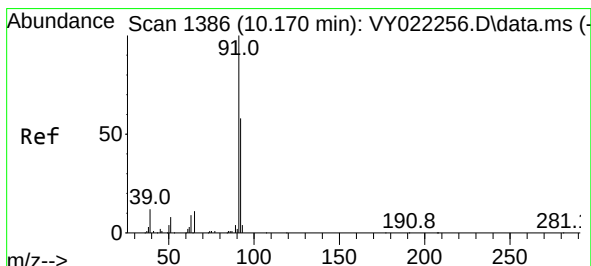
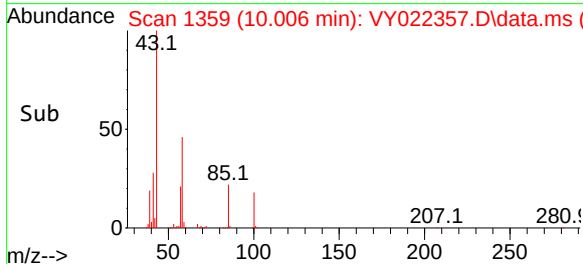
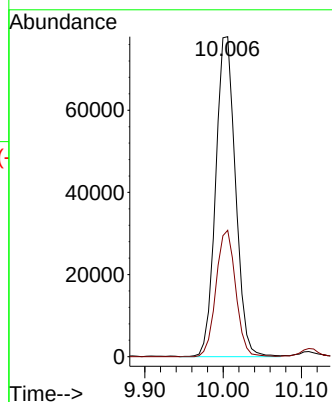
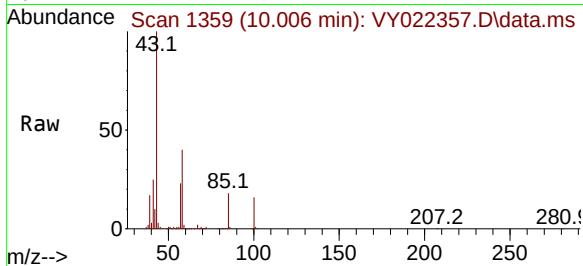




#51
4-Methyl-2-Pentanone
Concen: 93.564 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

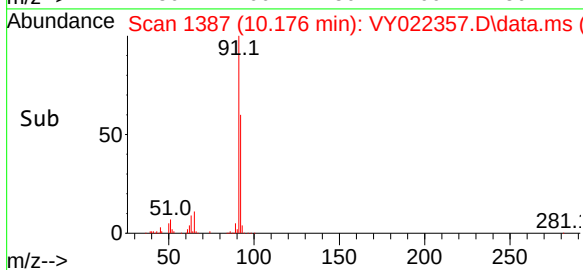
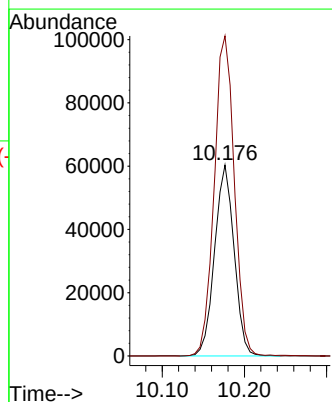
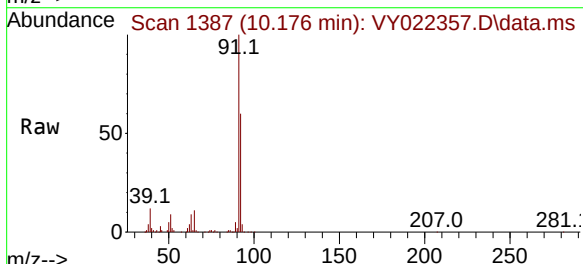
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

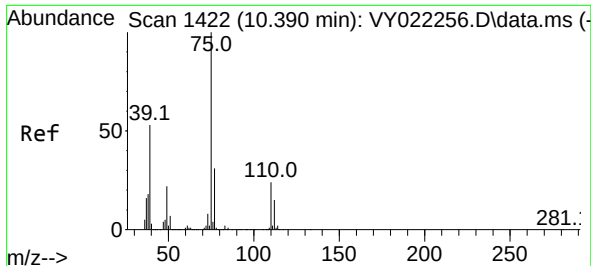
Tgt Ion: 43 Resp: 137346
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.2



#52
Toluene
Concen: 18.576 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 92 Resp: 99419
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7

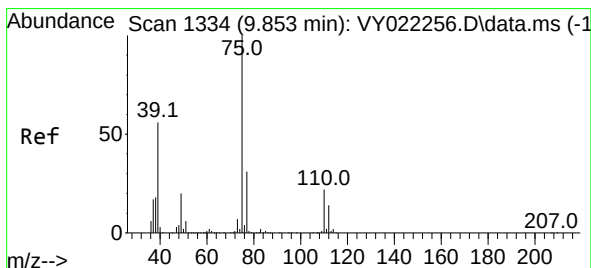
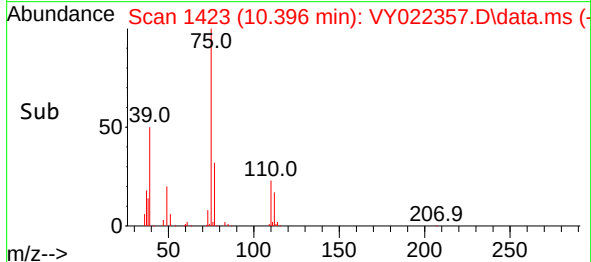
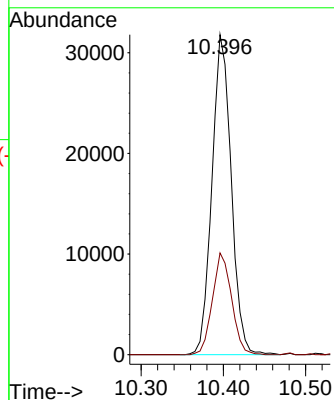
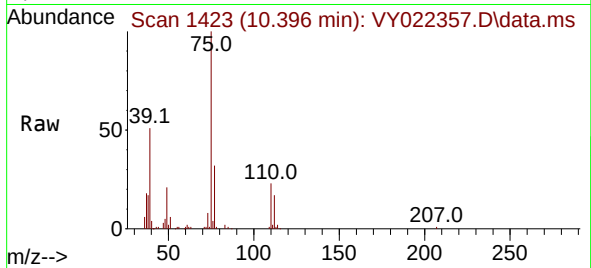




#53
 t-1,3-Dichloropropene
 Concen: 18.618 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

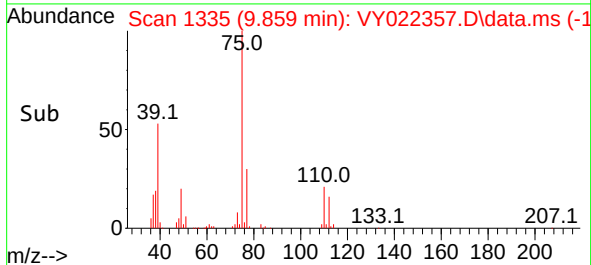
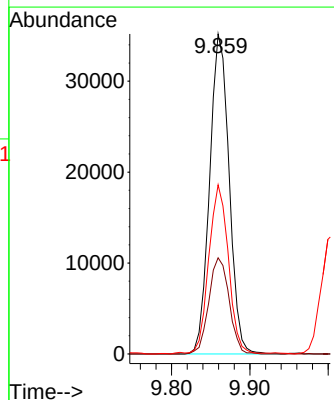
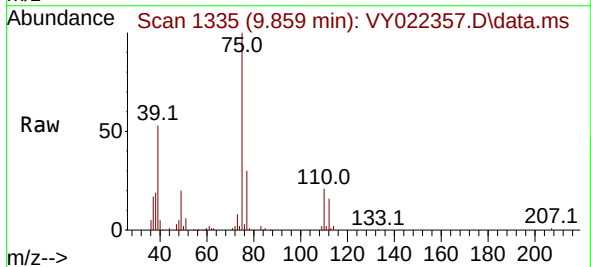
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBSD01

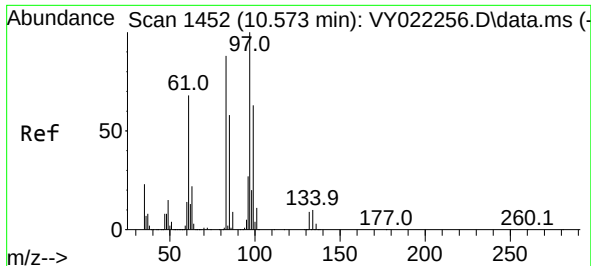
Tgt Ion: 75 Resp: 51804
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.079 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

Tgt Ion: 75 Resp: 60822
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.1 37.7
 39 52.6 44.5 66.7

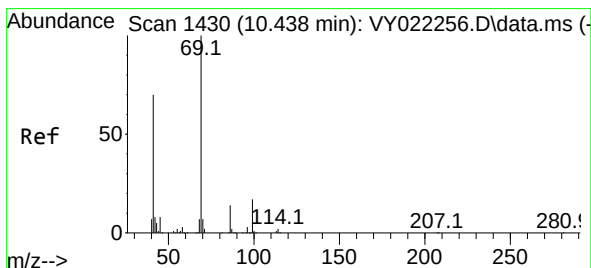
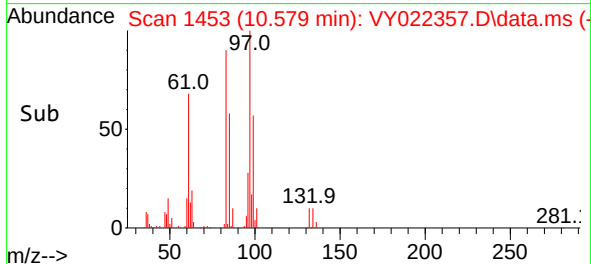
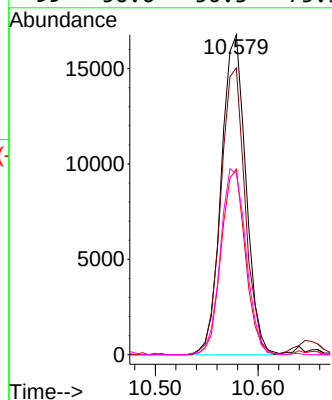
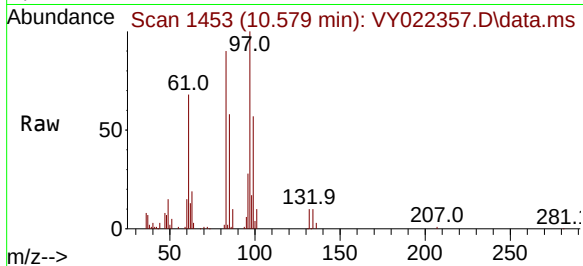




#55
1,1,2-Trichloroethane
Concen: 19.760 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

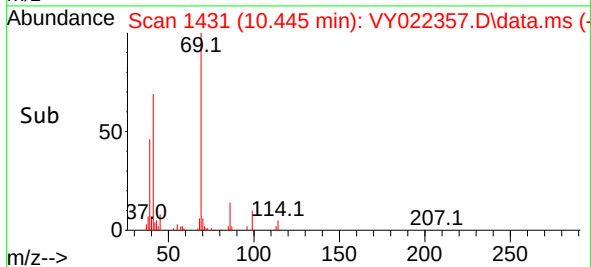
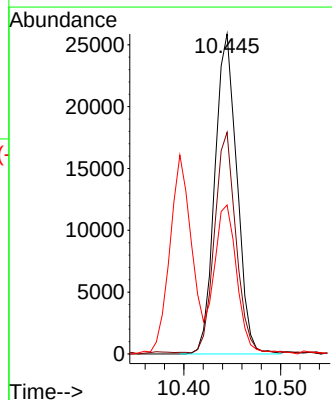
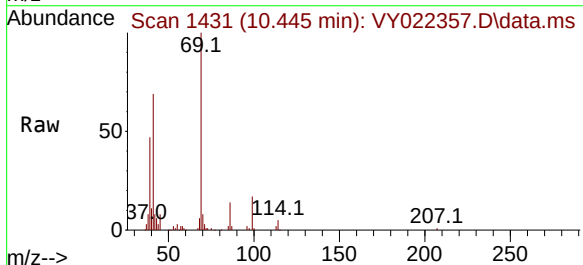
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

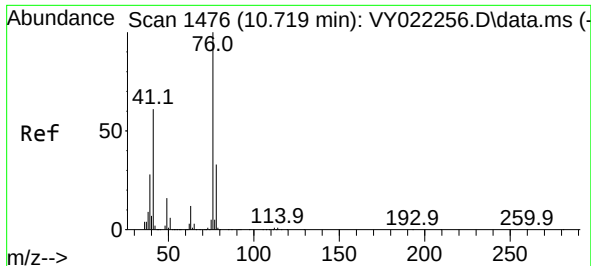
Tgt Ion:	97	Resp:	27810
Ion	Ratio	Lower	Upper
97	100		
83	89.6	70.3	105.5
85	57.9	46.2	69.4
99	56.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.695 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion:	69	Resp:	40984
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.5	84.7
39	47.9	37.1	55.7





#57

1,3-Dichloropropane

Concen: 19.740 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

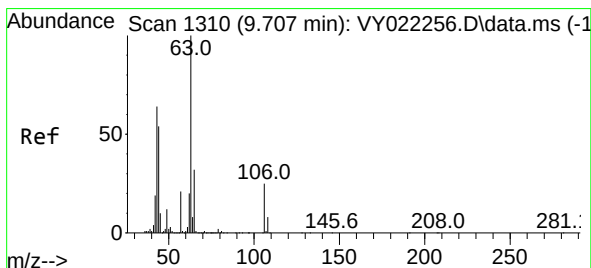
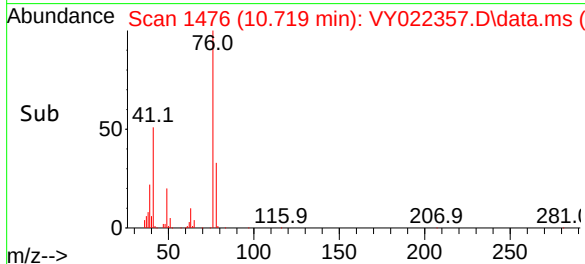
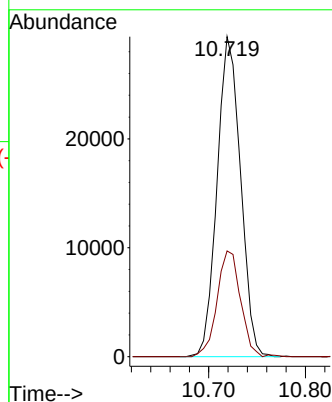
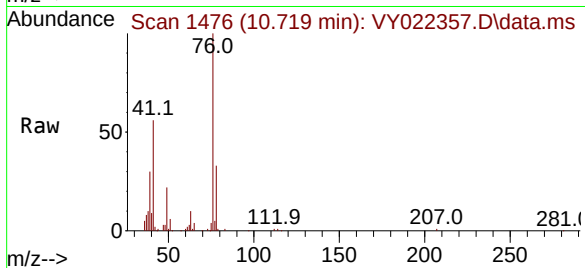
VY0521SBSD01

Tgt Ion: 76 Resp: 49360

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.153 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022357.D

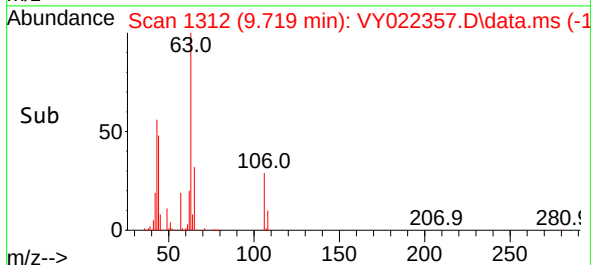
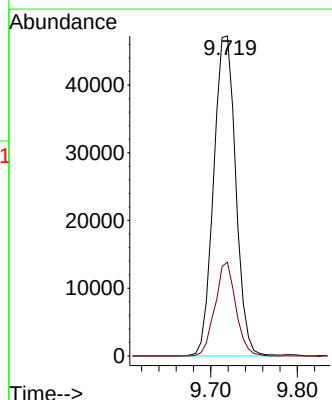
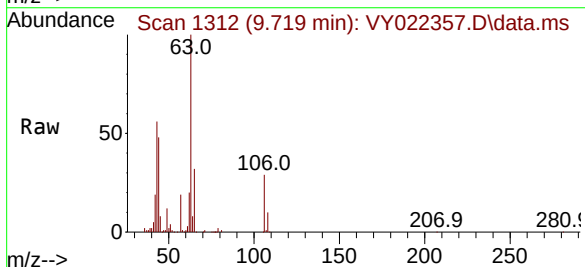
Acq: 21 May 2025 10:58

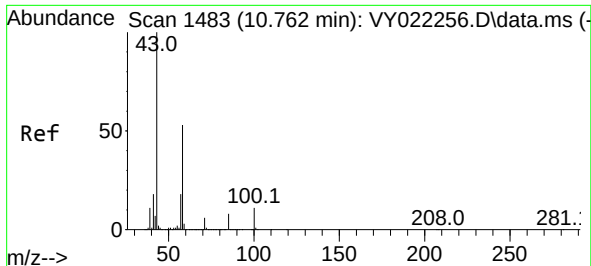
Tgt Ion: 63 Resp: 83789

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4

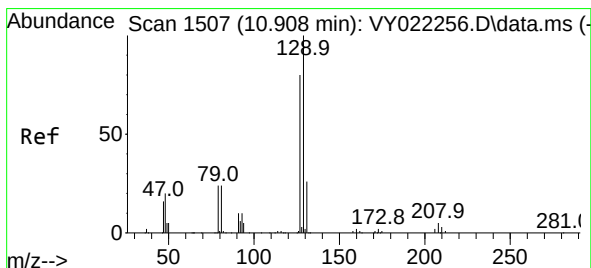
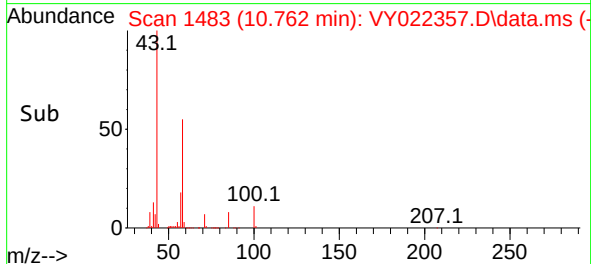
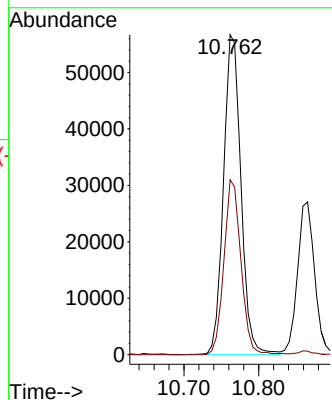
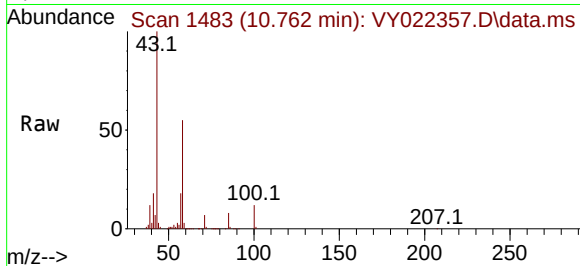




#59
2-Hexanone
Concen: 93.853 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

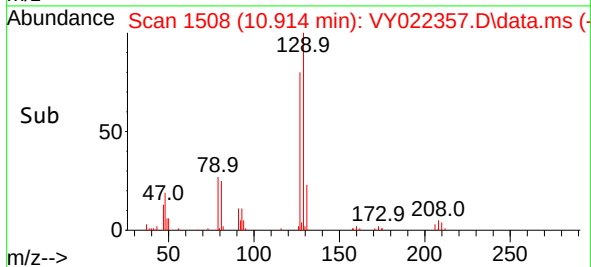
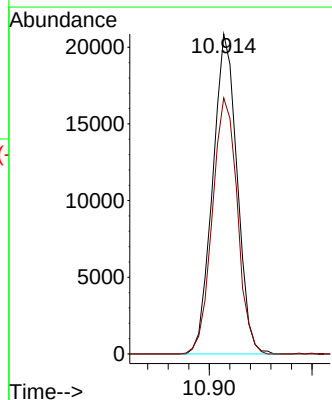
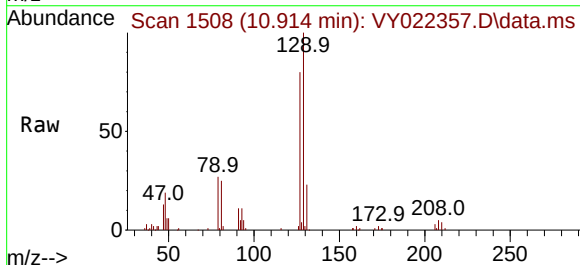
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

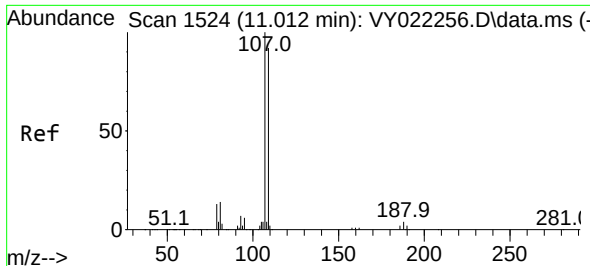
Tgt Ion: 43 Resp: 92372
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.3



#60
Dibromochloromethane
Concen: 18.849 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 129 Resp: 34432
Ion Ratio Lower Upper
129 100
127 81.8 38.6 115.7

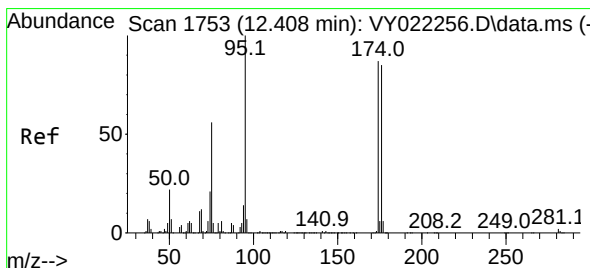
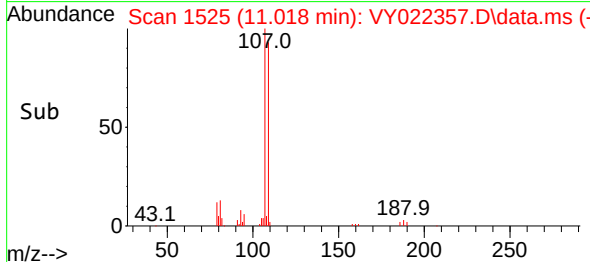
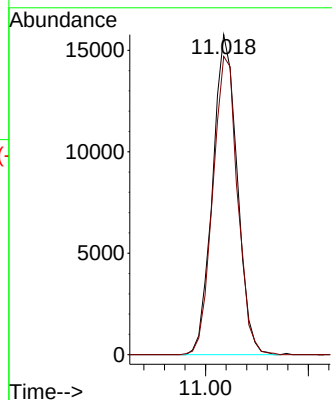
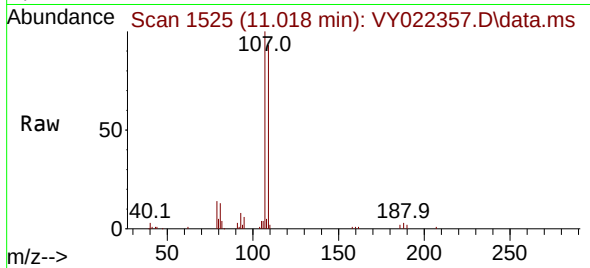




#61
1,2-Dibromoethane
Concen: 19.911 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

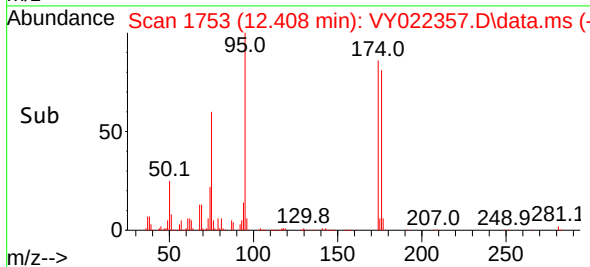
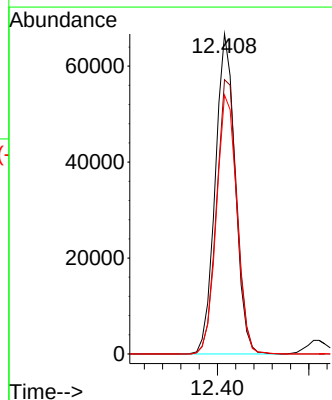
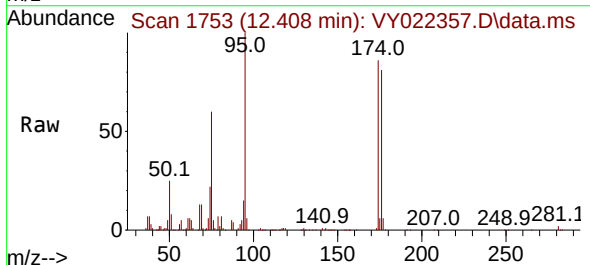
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

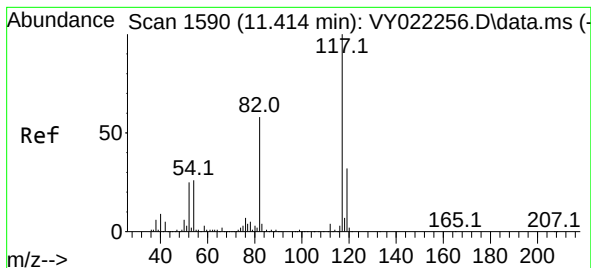
Tgt Ion:107 Resp: 26117
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 95 Resp: 101000
Ion Ratio Lower Upper
95 100
174 88.2 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

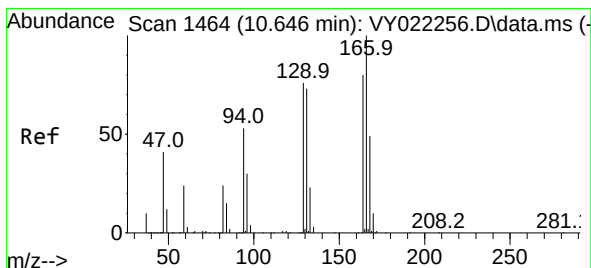
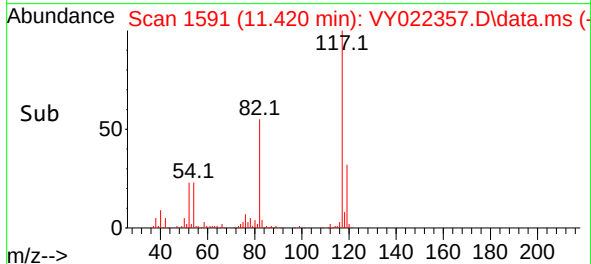
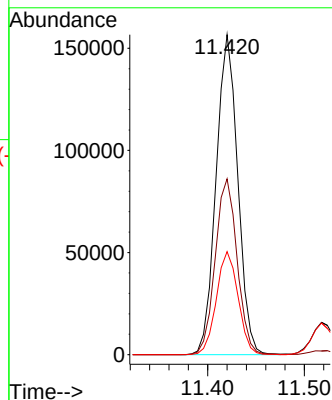
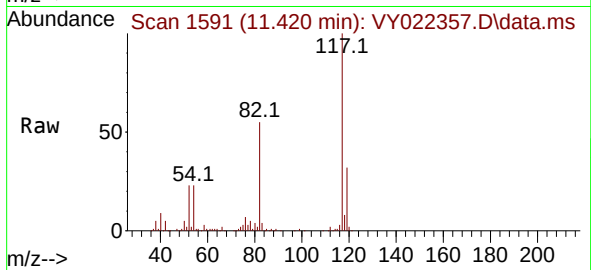
Tgt Ion:117 Resp: 243938

Ion Ratio Lower Upper

117 100

82 55.0 46.6 70.0

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 19.345 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Tgt Ion:164 Resp: 43618

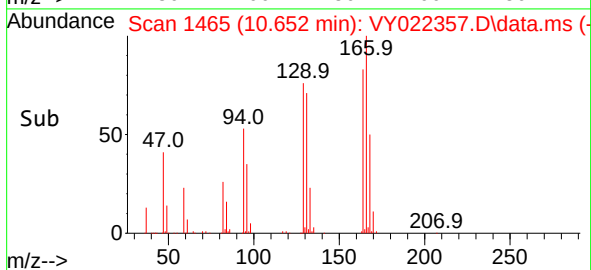
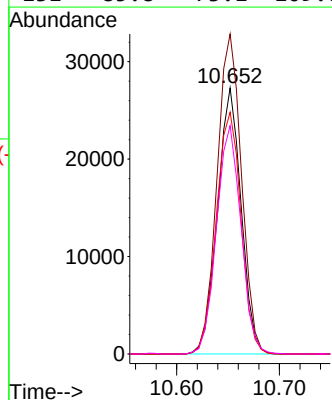
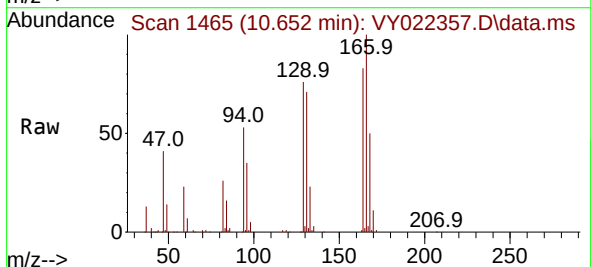
Ion Ratio Lower Upper

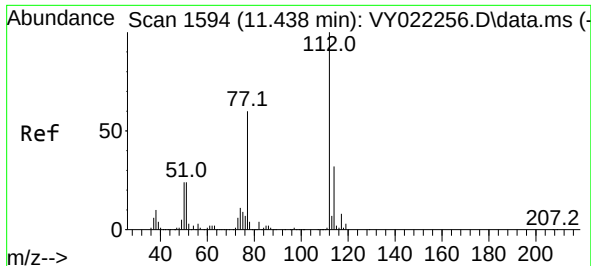
164 100

166 120.2 100.4 150.6

129 90.9 76.4 114.6

131 85.8 73.1 109.7

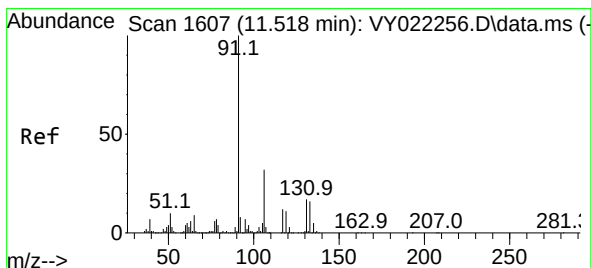
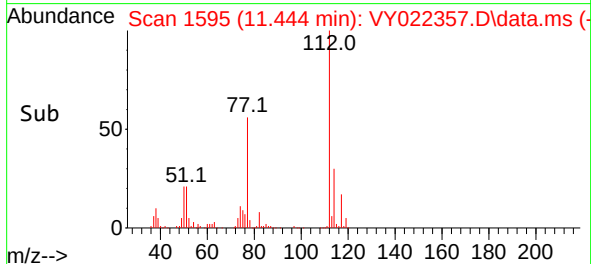
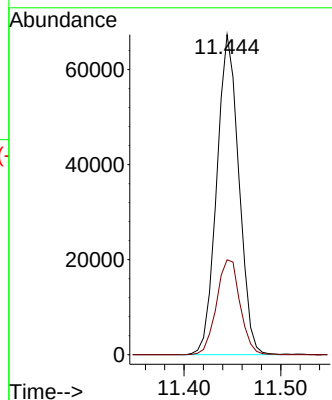
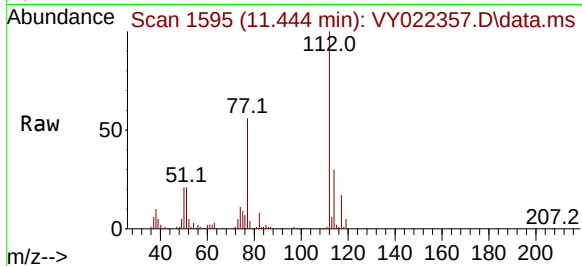




#65
Chlorobenzene
Concen: 19.446 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

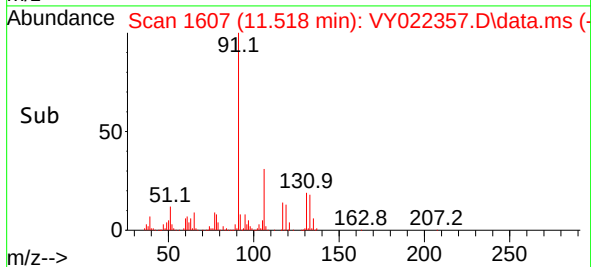
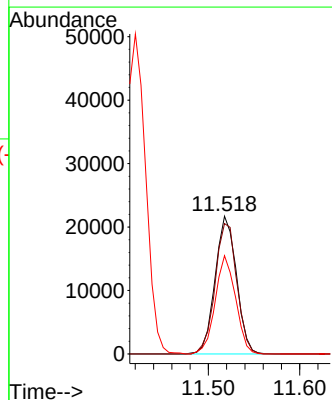
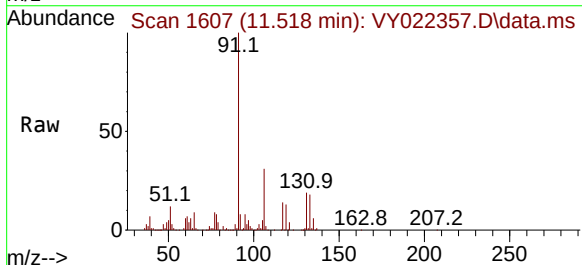
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

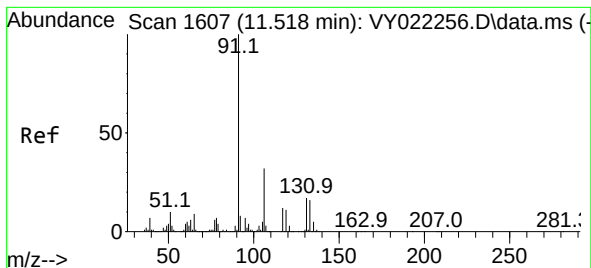
Tgt Ion:112 Resp: 107023
Ion Ratio Lower Upper
112 100
114 29.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.636 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion:131 Resp: 35259
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 68.1 33.1 99.2





#67

Ethyl Benzene

Concen: 18.549 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

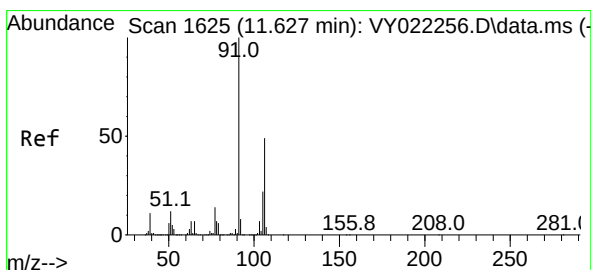
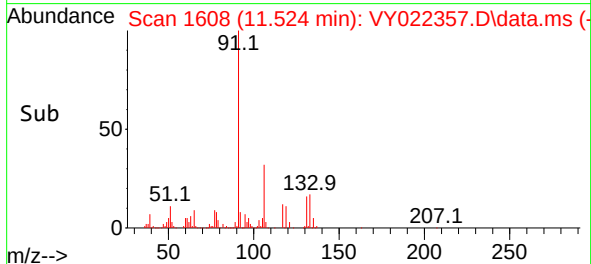
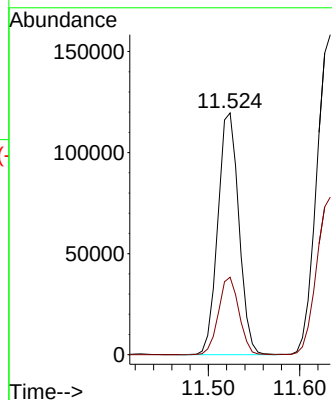
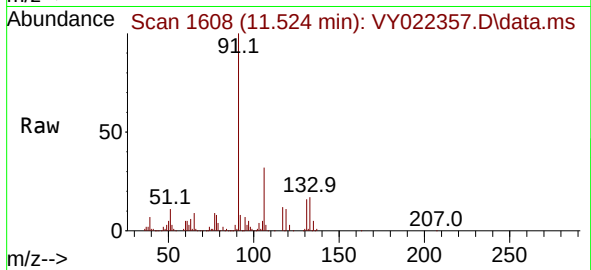
VY0521SBSD01

Tgt Ion: 91 Resp: 191188

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0



#68

m/p-Xylenes

Concen: 37.401 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022357.D

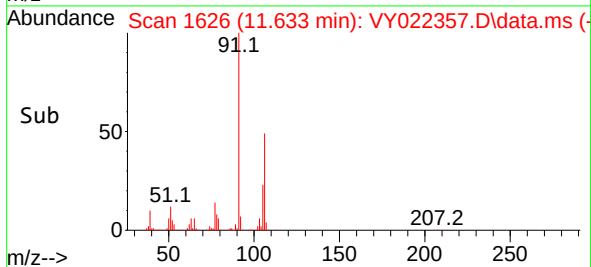
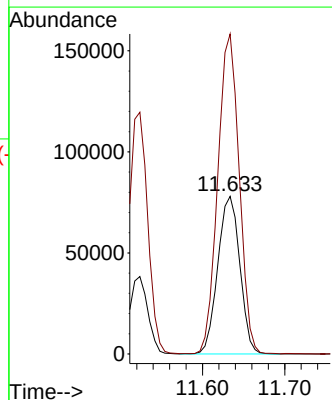
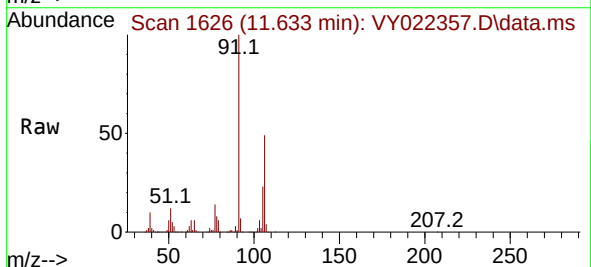
Acq: 21 May 2025 10:58

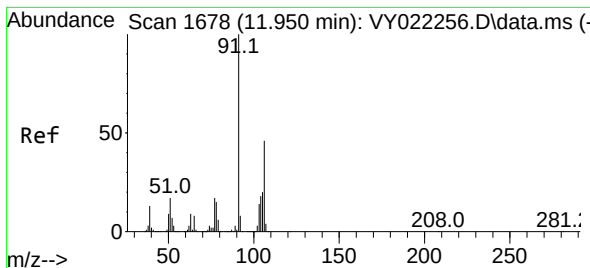
Tgt Ion:106 Resp: 145259

Ion Ratio Lower Upper

106 100

91 197.2 163.0 244.4





#69

o-Xylene

Concen: 19.064 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

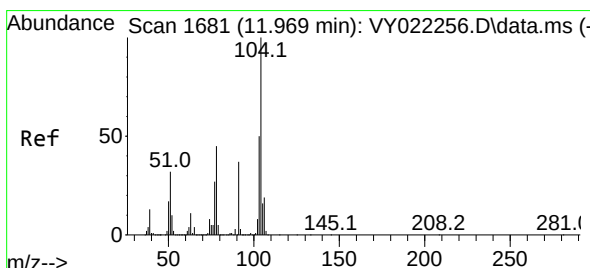
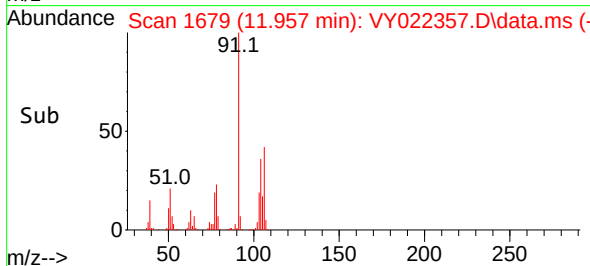
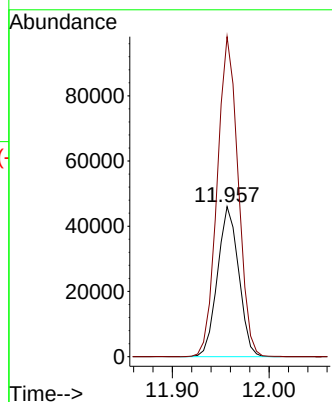
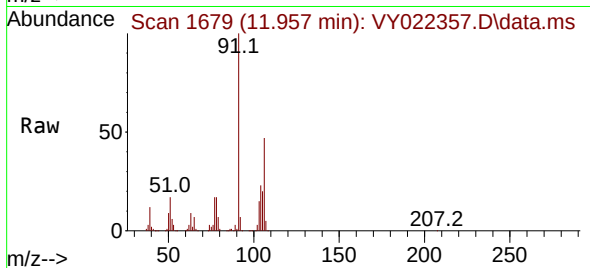
VY0521SBSD01

Tgt Ion:106 Resp: 70051

Ion Ratio Lower Upper

106 100

91 210.9 108.3 324.8



#70

Styrene

Concen: 18.860 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

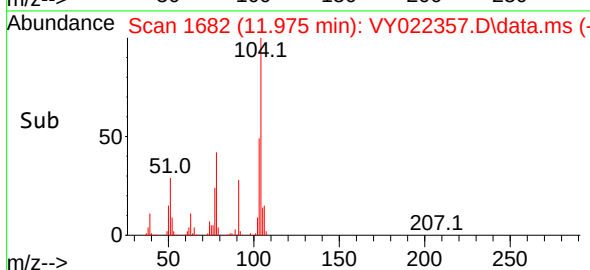
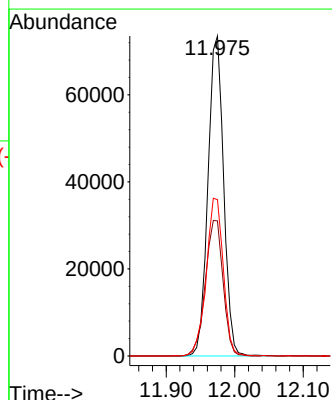
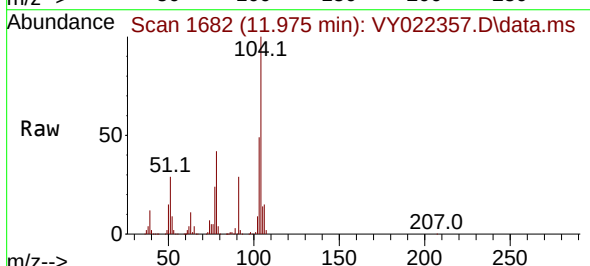
Tgt Ion:104 Resp: 116903

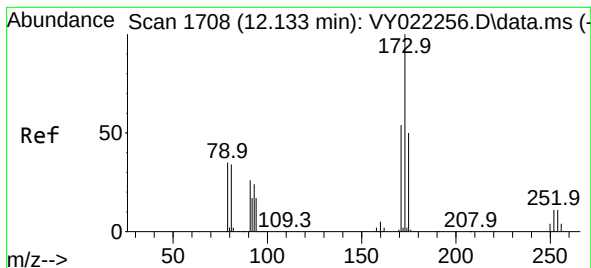
Ion Ratio Lower Upper

104 100

78 47.9 40.9 61.3

103 53.7 43.7 65.5





#71

Bromoform

Concen: 18.794 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBS01

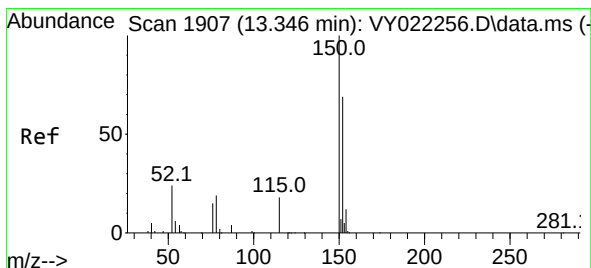
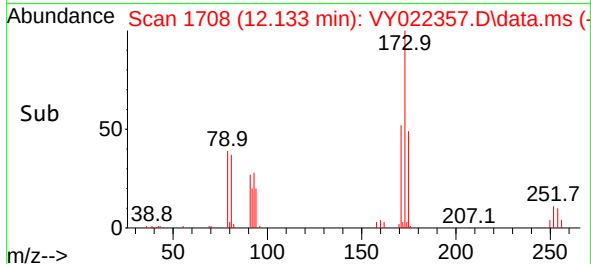
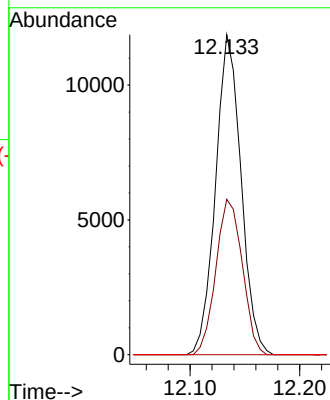
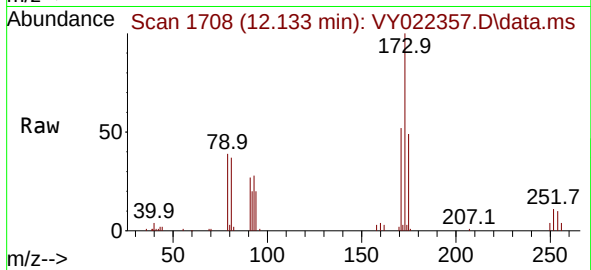
Tgt Ion:173 Resp: 19193

Ion Ratio Lower Upper

173 100

175 50.2 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

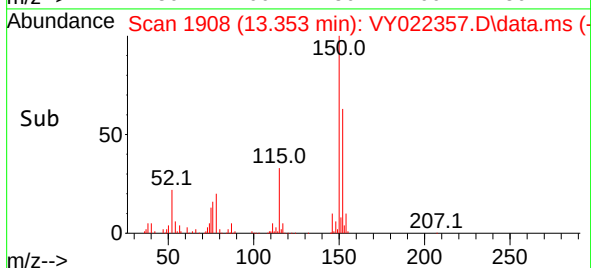
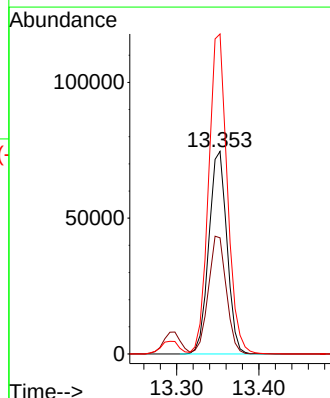
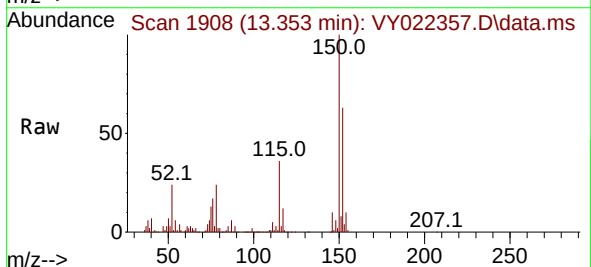
Tgt Ion:152 Resp: 114032

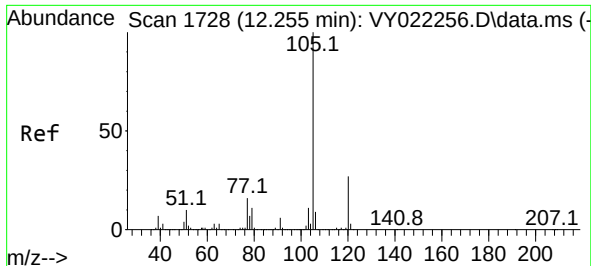
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 162.9 0.0 353.8

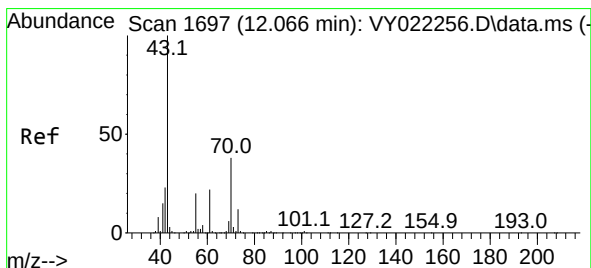
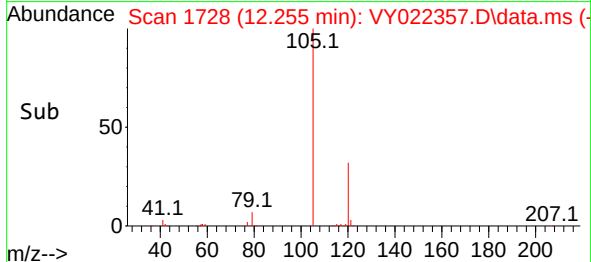
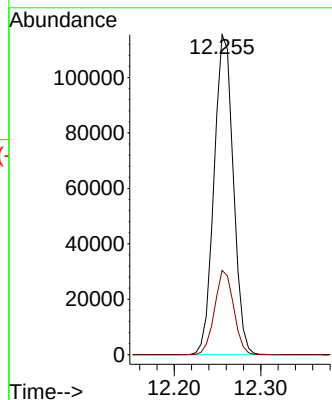
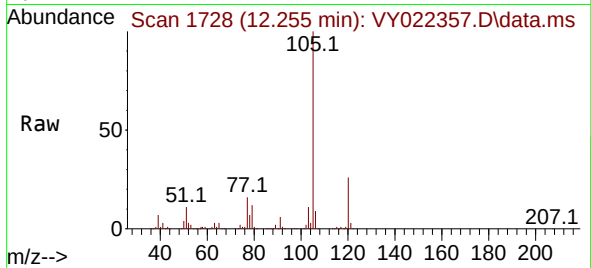




#73
Isopropylbenzene
Concen: 18.889 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

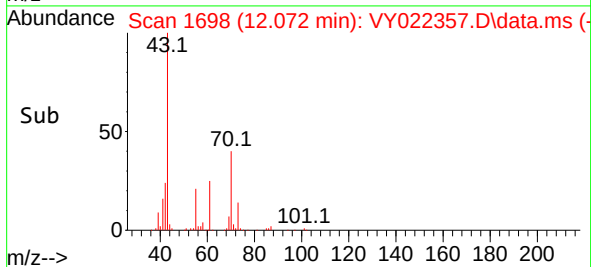
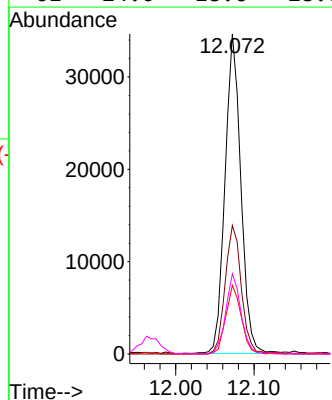
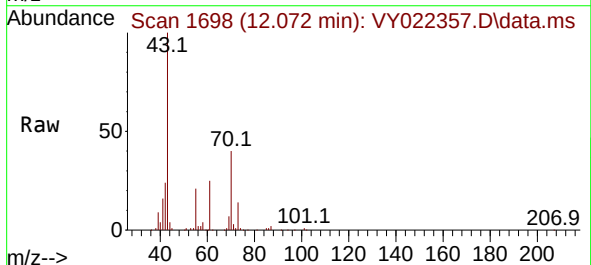
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS01

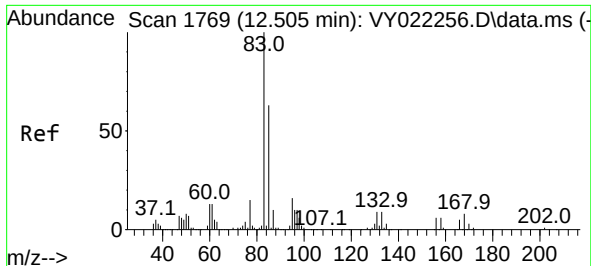
Tgt Ion:105 Resp: 178443
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6



#74
N-ethyl acetate
Concen: 18.083 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 43 Resp: 48859
Ion Ratio Lower Upper
43 100
70 41.0 31.4 47.0
55 21.1 17.0 25.6
61 24.0 18.6 28.0

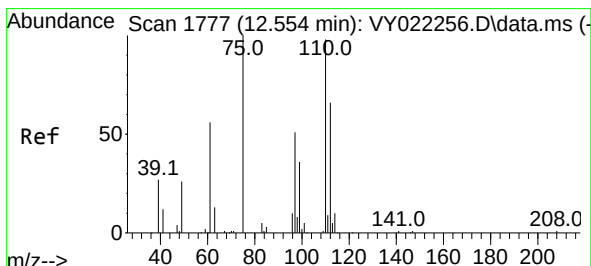
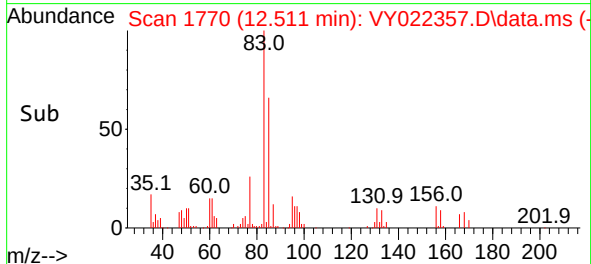
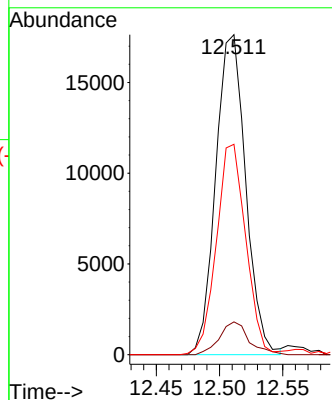
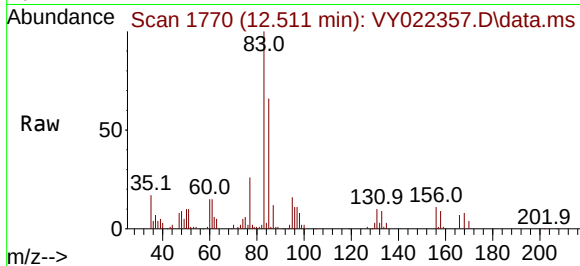




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.990 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

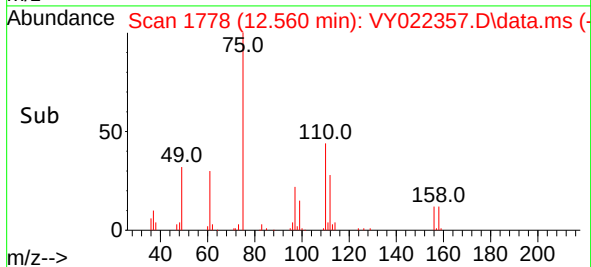
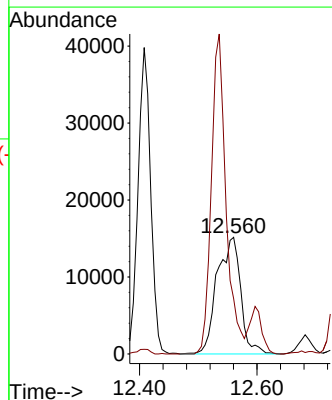
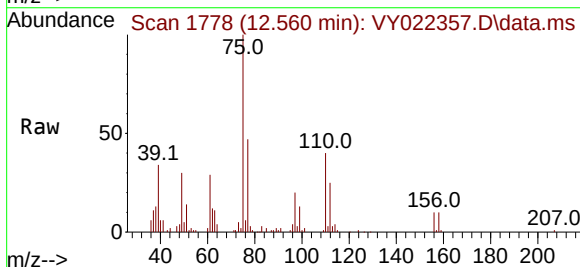
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBSD01

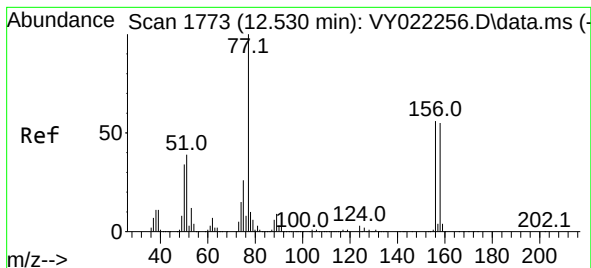
Tgt Ion: 83 Resp: 29043
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 36.641 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

Tgt Ion: 75 Resp: 42330
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.064 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

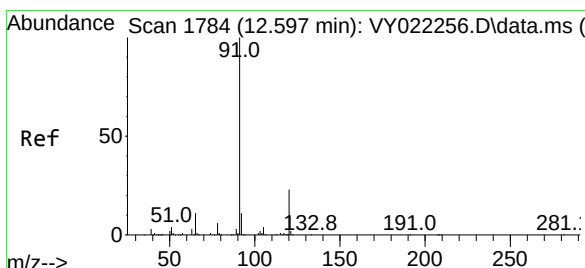
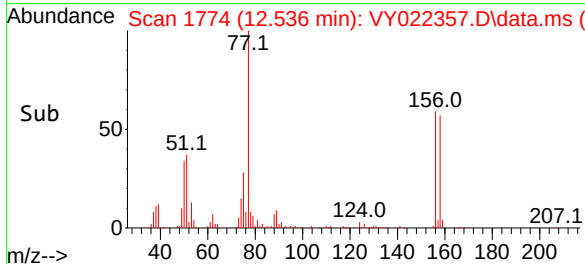
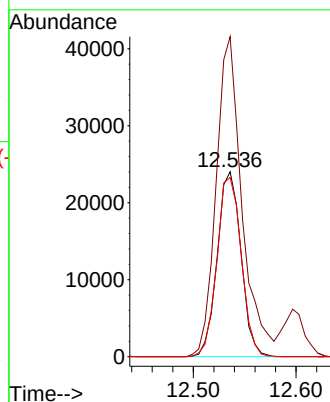
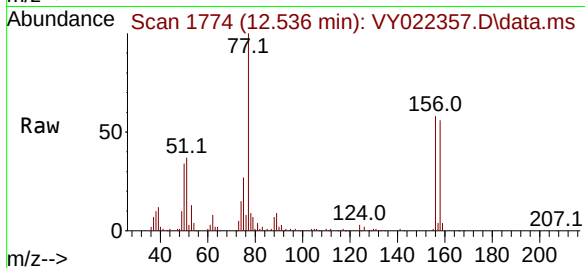
Tgt Ion:156 Resp: 38466

Ion Ratio Lower Upper

156 100

77 188.1 94.5 283.6

158 99.4 48.4 145.3



#78

n-propylbenzene

Concen: 19.022 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022357.D

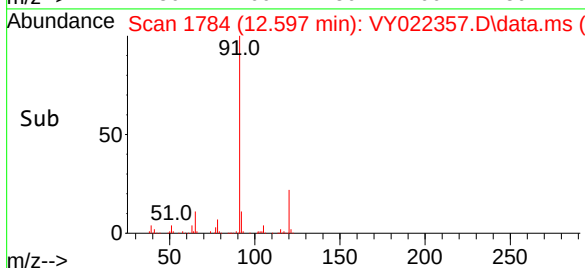
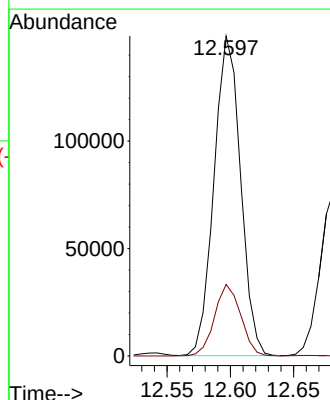
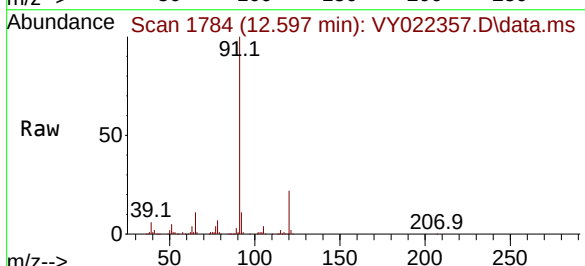
Acq: 21 May 2025 10:58

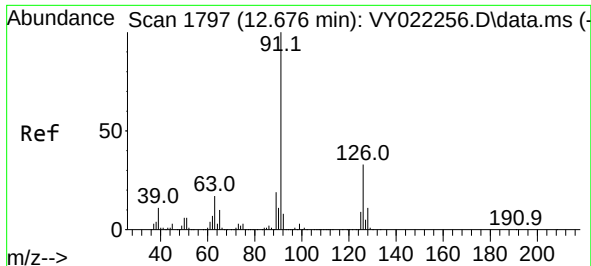
Tgt Ion: 91 Resp: 216752

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 18.472 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

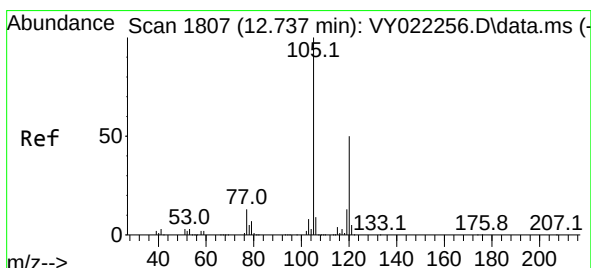
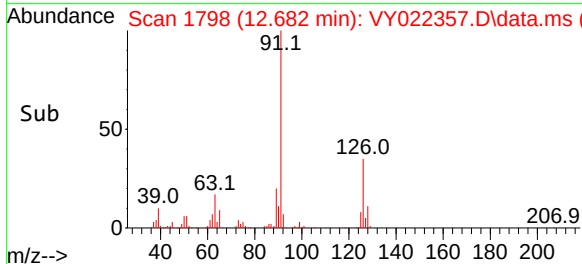
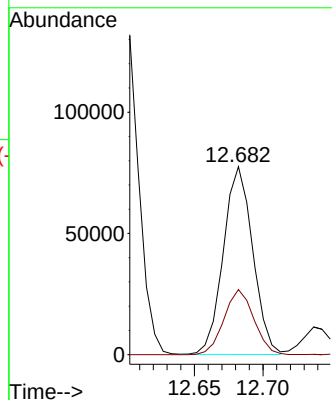
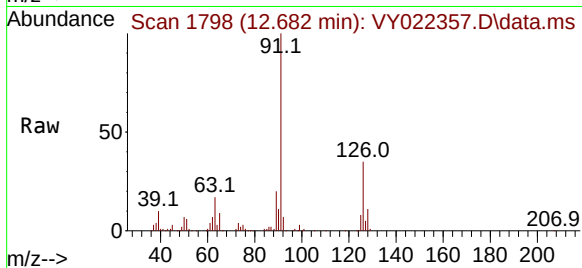
VY0521SBS01

Tgt Ion: 91 Resp: 115671

Ion Ratio Lower Upper

91 100

126 35.1 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 18.581 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022357.D

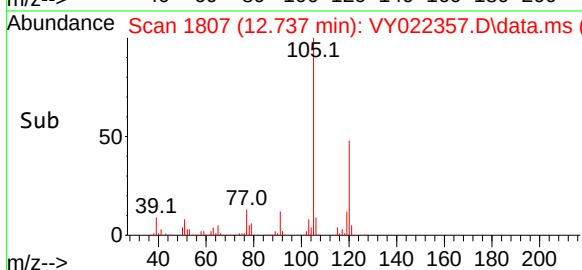
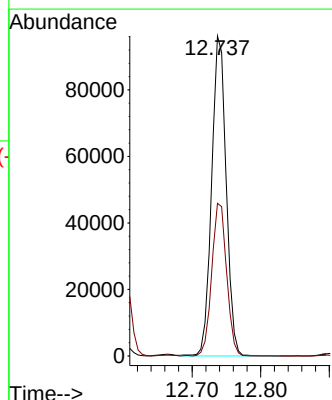
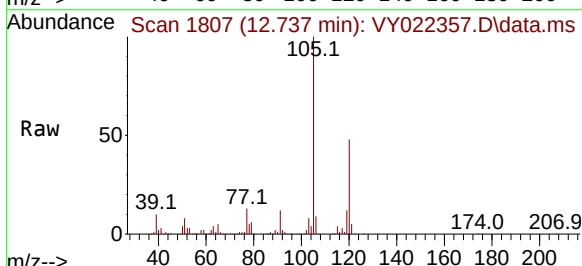
Acq: 21 May 2025 10:58

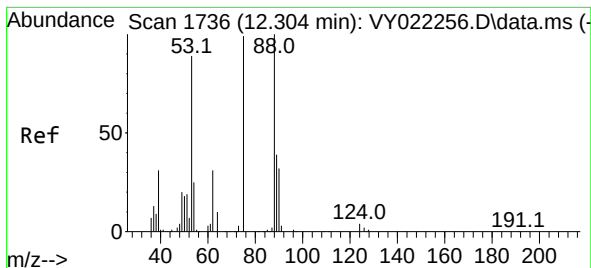
Tgt Ion:105 Resp: 141700

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6

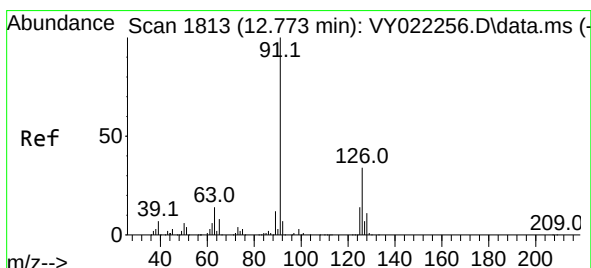
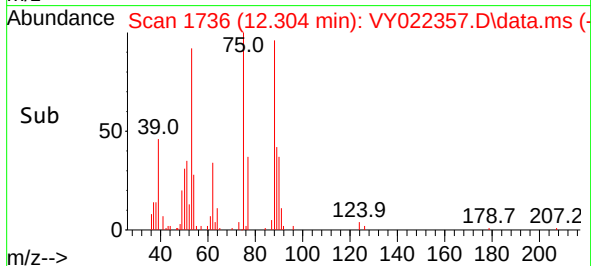
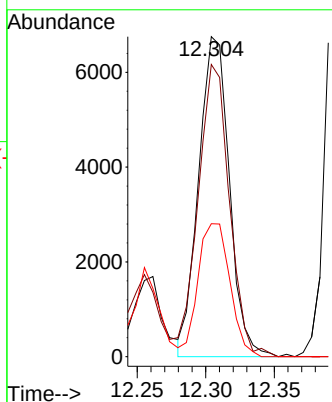
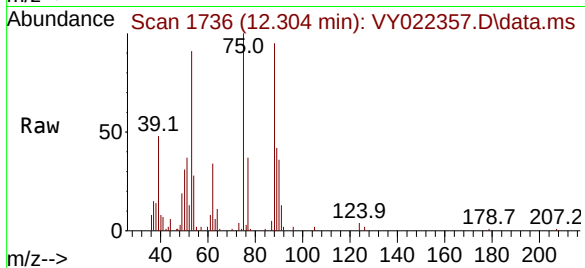




#81
trans-1,4-Dichloro-2-butene
Concen: 18.468 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

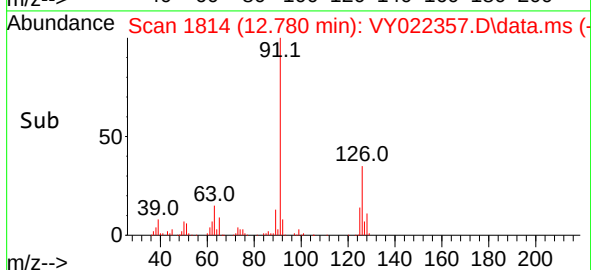
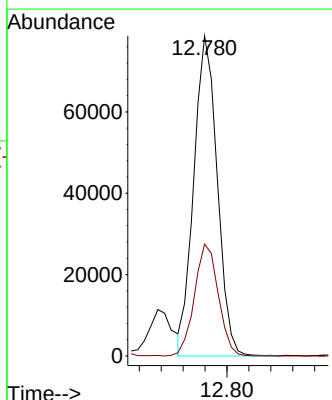
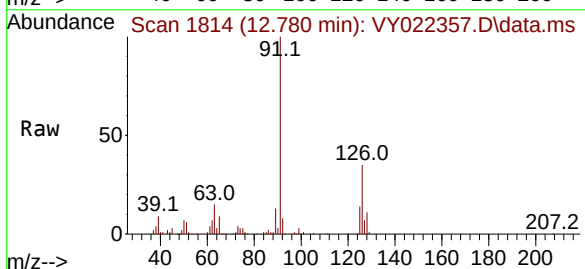
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

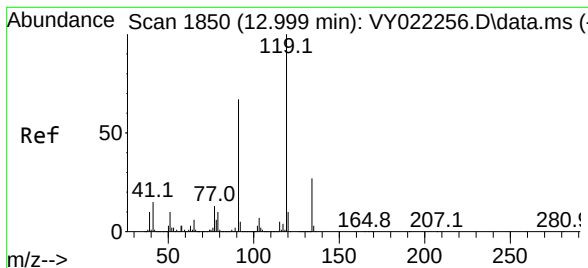
Tgt Ion: 75 Resp: 10532
Ion Ratio Lower Upper
75 100
53 93.5 75.8 113.8
89 43.3 36.2 54.2



#82
4-Chlorotoluene
Concen: 18.147 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 91 Resp: 116880
Ion Ratio Lower Upper
91 100
126 35.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 18.571 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

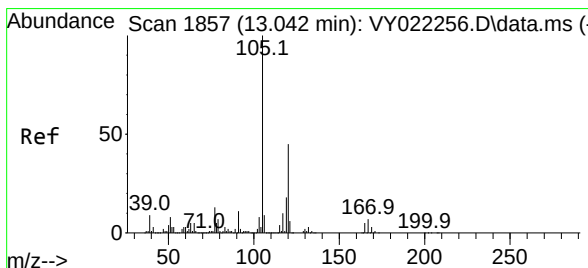
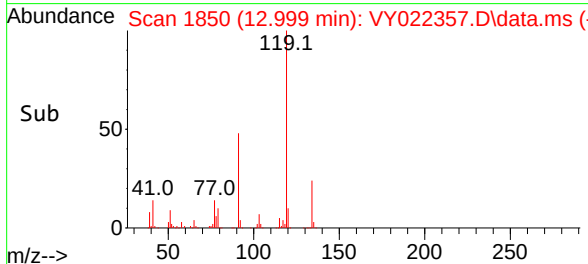
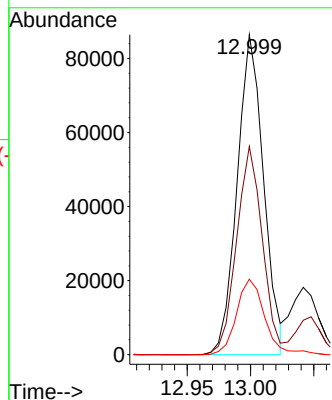
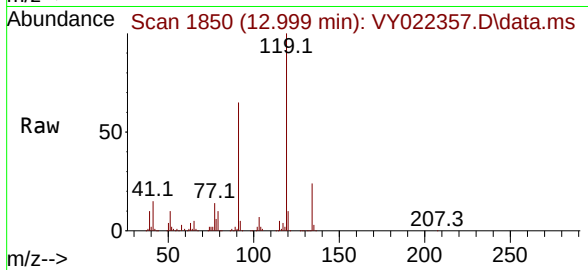
Tgt Ion:119 Resp: 125876

Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.3

134 25.3 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 18.574 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022357.D

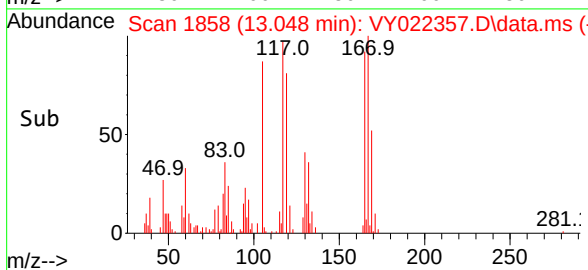
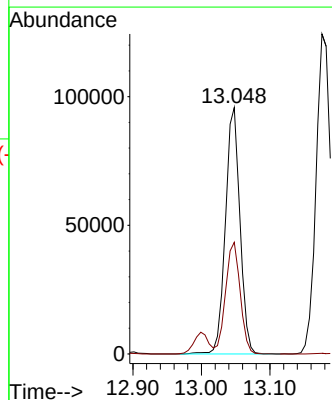
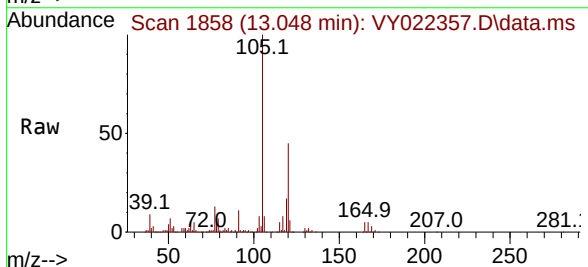
Acq: 21 May 2025 10:58

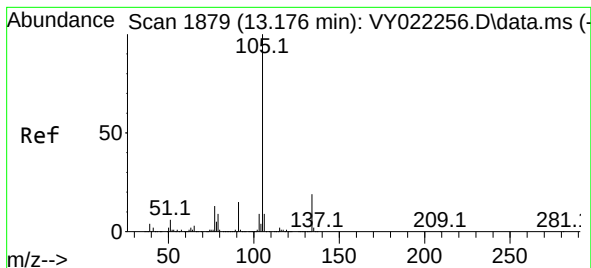
Tgt Ion:105 Resp: 140604

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 18.651 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

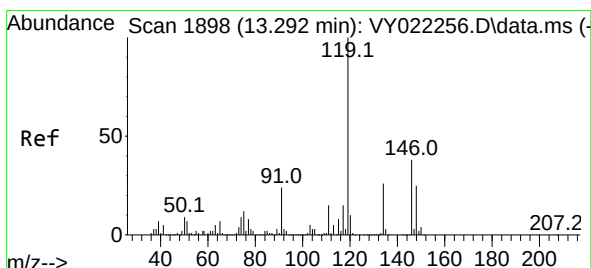
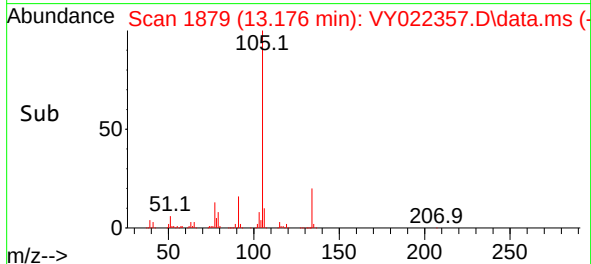
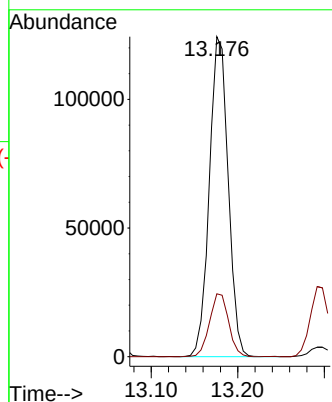
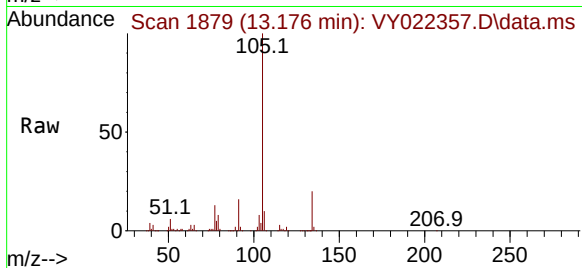
VY0521SBSD01

Tgt Ion:105 Resp: 187656

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 18.338 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

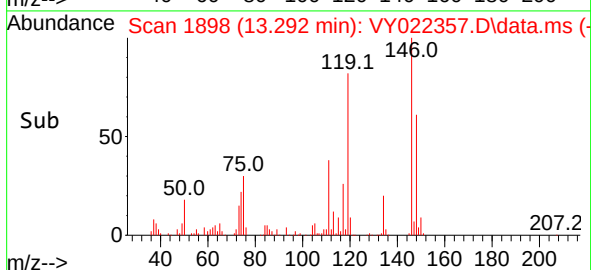
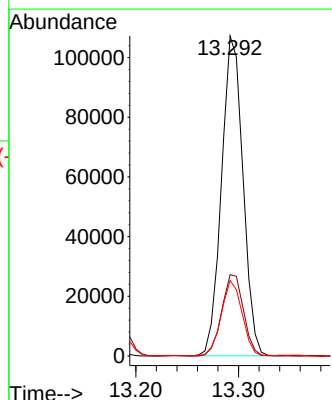
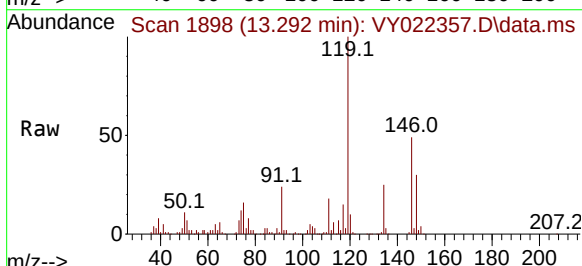
Tgt Ion:119 Resp: 155183

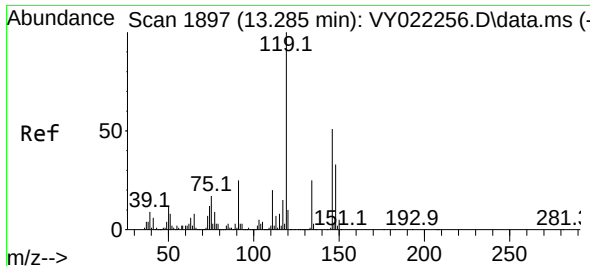
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 22.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.790 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

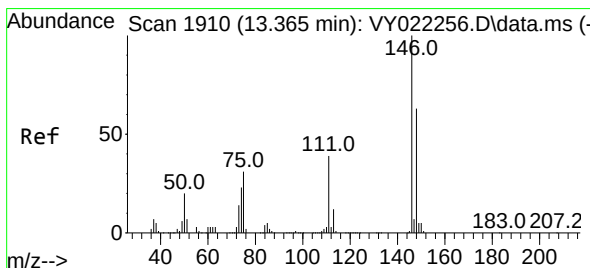
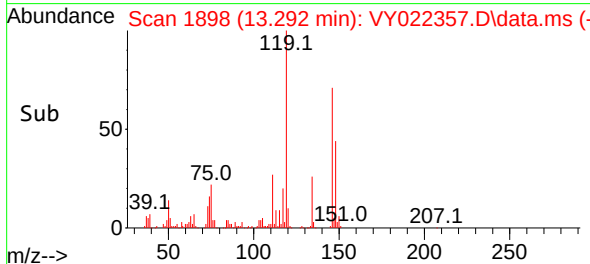
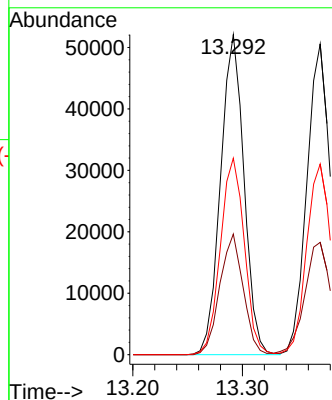
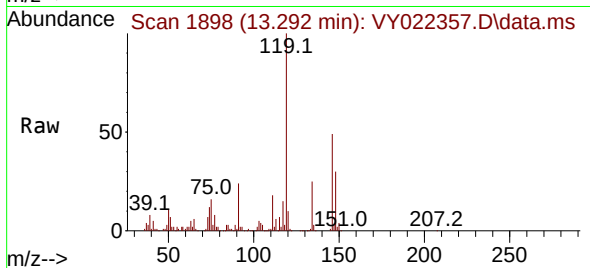
Tgt Ion:146 Resp: 77394

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 62.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.216 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

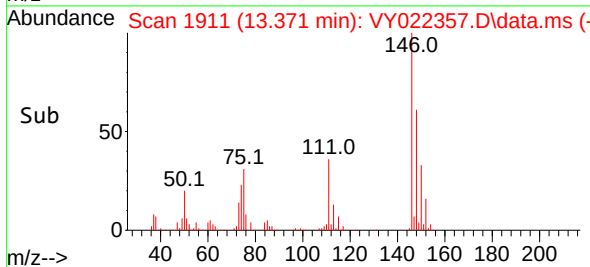
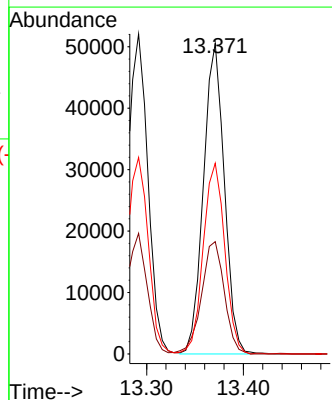
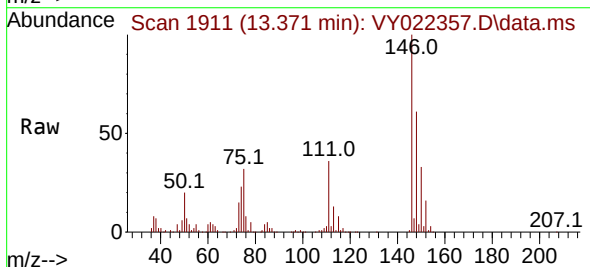
Tgt Ion:146 Resp: 76133

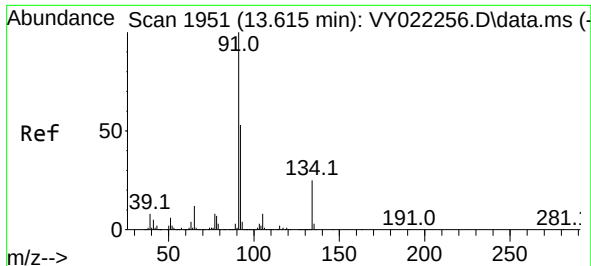
Ion Ratio Lower Upper

146 100

111 39.6 20.0 59.9

148 63.3 32.1 96.5

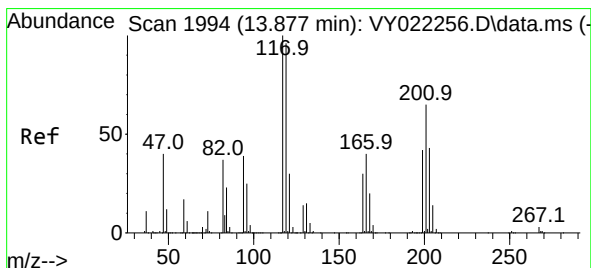
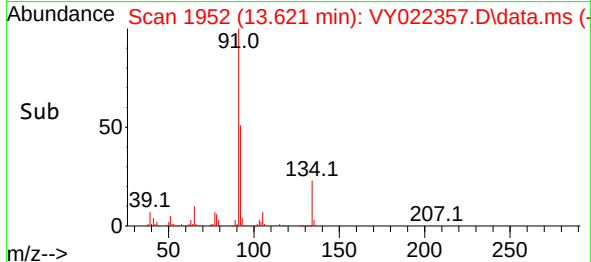
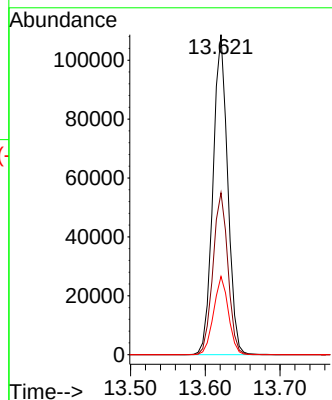
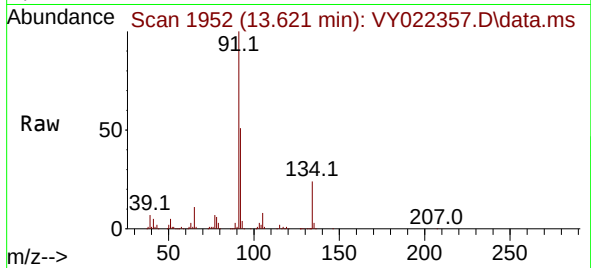




#89
n-Butylbenzene
Concen: 18.558 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

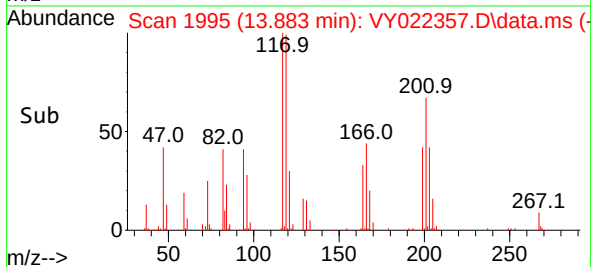
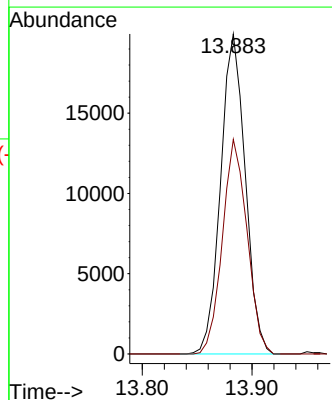
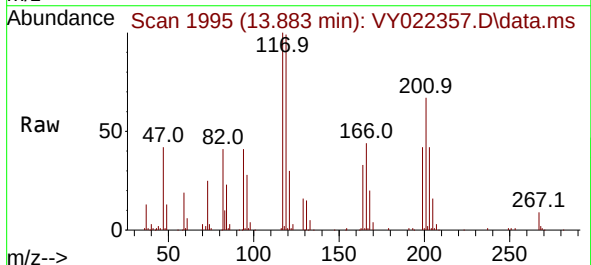
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBSD01

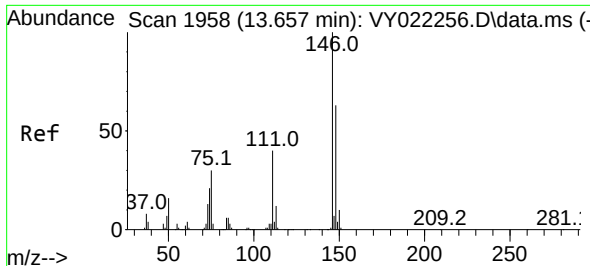
Tgt Ion: 91 Resp: 148567
Ion Ratio Lower Upper
91 100
92 51.5 26.3 78.9
134 24.6 12.4 37.4



#90
Hexachloroethane
Concen: 18.198 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022357.D
Acq: 21 May 2025 10:58

Tgt Ion: 117 Resp: 31086
Ion Ratio Lower Upper
117 100
201 67.2 35.2 105.6

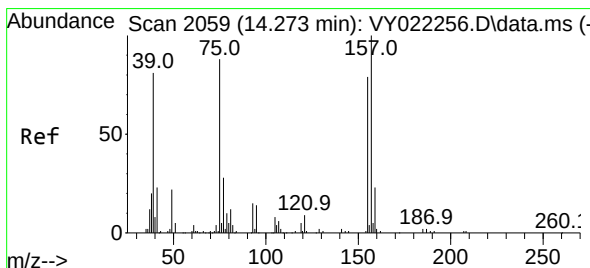
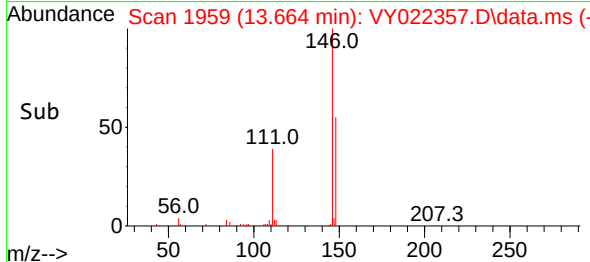
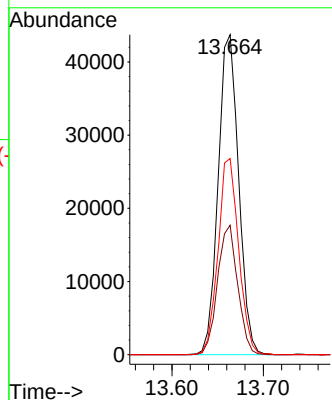
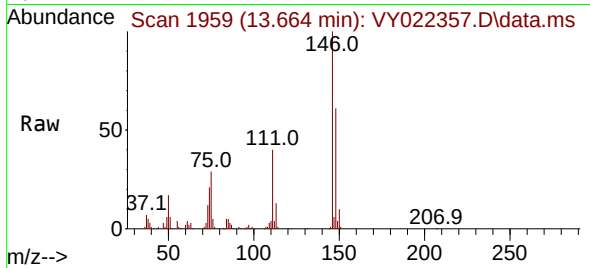




#91
 1,2-Dichlorobenzene
 Concen: 19.687 ug/l
 RT: 13.664 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

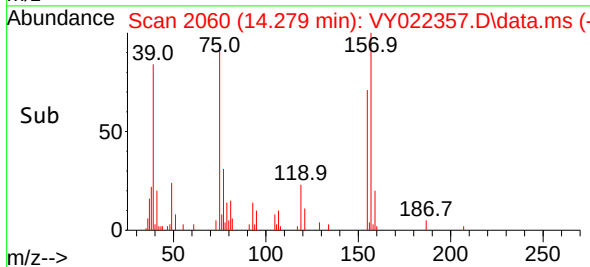
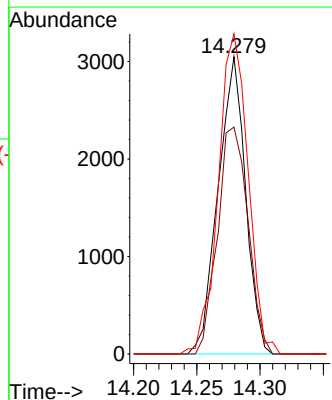
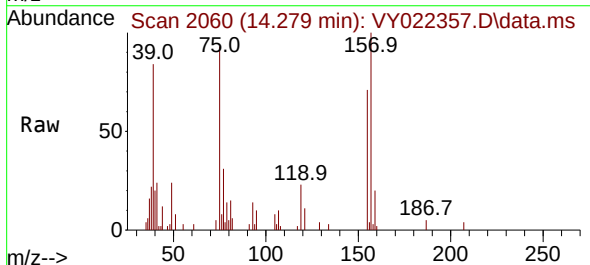
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBSD01

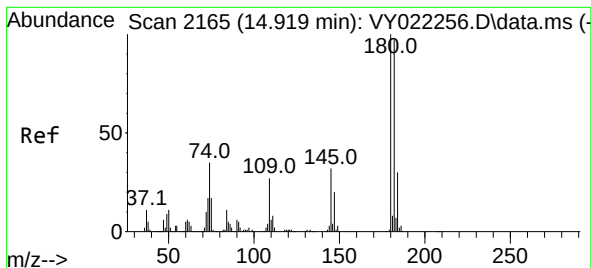
Tgt Ion:146	Resp:	68114
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.5 61.5
148	61.7	32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.562 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022357.D
 Acq: 21 May 2025 10:58

Tgt Ion: 75	Resp:	4583
Ion Ratio	Lower	Upper
75	100	
155	85.1	43.4 130.1
157	117.3	54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.743 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

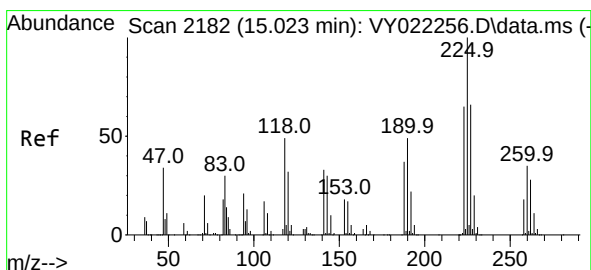
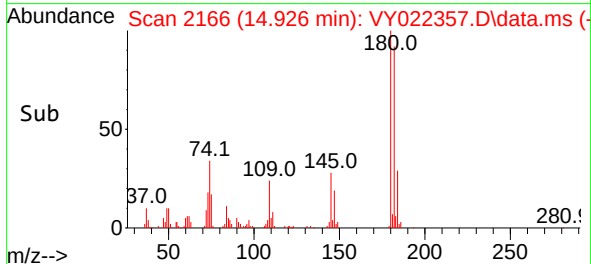
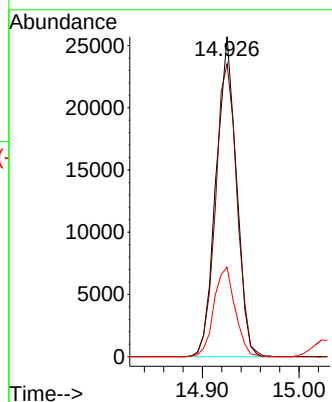
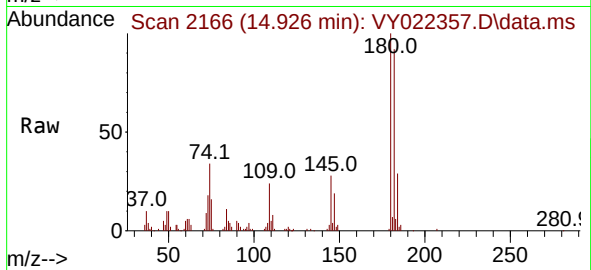
Tgt Ion:180 Resp: 37458

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 29.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.402 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

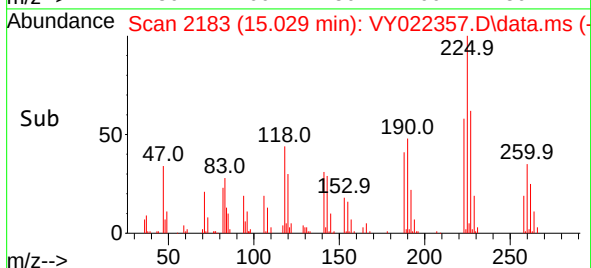
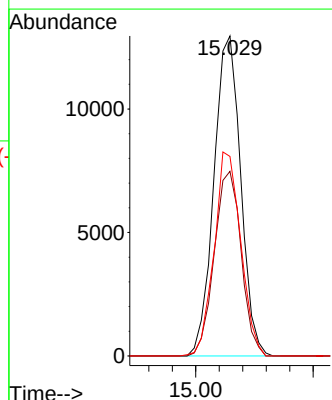
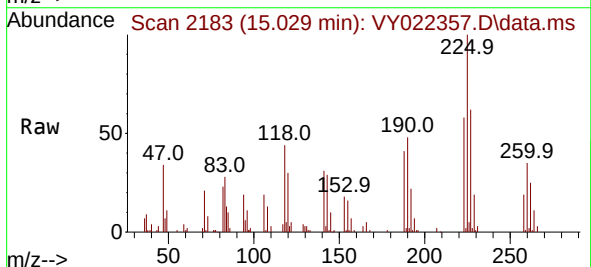
Tgt Ion:225 Resp: 20509

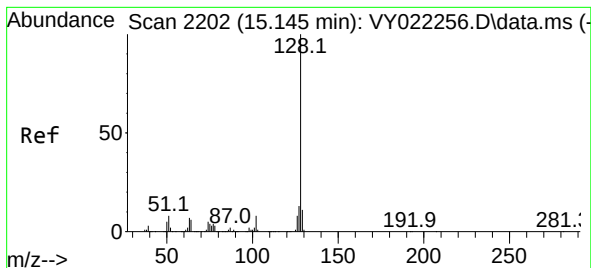
Ion Ratio Lower Upper

225 100

223 57.9 31.5 94.5

227 63.3 32.1 96.3





#95

Naphthalene

Concen: 19.470 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBSD01

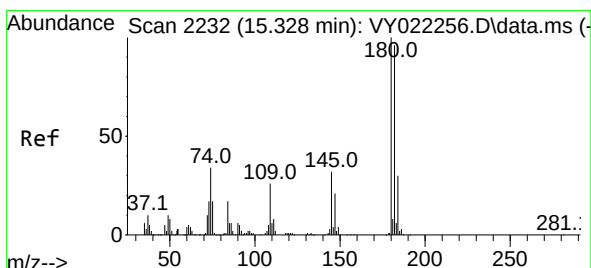
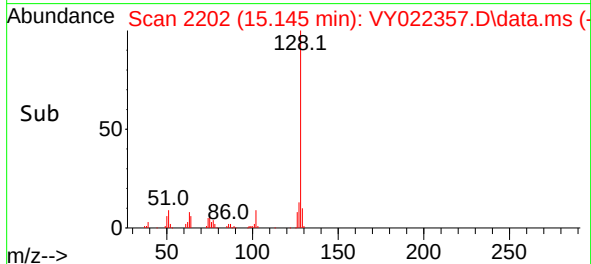
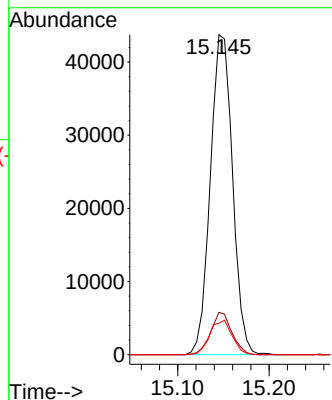
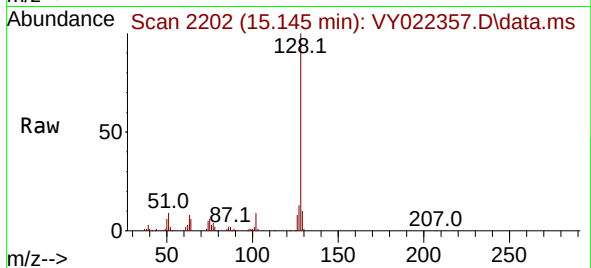
Tgt Ion:128 Resp: 73842

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.195 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022357.D

Acq: 21 May 2025 10:58

Tgt Ion:180 Resp: 32543

Ion Ratio Lower Upper

180 100

182 93.3 47.1 141.3

145 29.9 15.9 47.6

