

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022280.D
 Acq On : 16 May 2025 10:32
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:29:17 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	7.707	168	203690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130982	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108666	48.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.634	113	101282	49.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.103	98	419998	50.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.401	95	124508	47.336	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	45320	21.323	ug/l	100
3) Chloromethane	2.068	50	89643	20.050	ug/l	99
4) Vinyl Chloride	2.202	62	113325	22.687	ug/l	97
5) Bromomethane	2.592	94	100608	24.742	ug/l	100
6) Chloroethane	2.732	64	76134	24.499	ug/l	94
7) Trichlorofluoromethane	3.049	101	113531	22.449	ug/l	99
8) Diethyl Ether	3.452	74	24654	20.313	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.817	101	46371	21.120	ug/l	99
10) Methyl Iodide	4.006	142	50840	20.007	ug/l	98
11) Tert butyl alcohol	4.872	59	16691	98.184	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	45722	20.985	ug/l	94
13) Acrolein	3.647	56	23160	93.192	ug/l	99
14) Allyl chloride	4.384	41	74770	19.572	ug/l	96
15) Acrylonitrile	5.055	53	50590	101.160	ug/l	98
16) Acetone	3.866	43	36565	87.598	ug/l	97
17) Carbon Disulfide	4.104	76	148802	20.944	ug/l	99
18) Methyl Acetate	4.378	43	25151	19.111	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	122294	20.356	ug/l	99
20) Methylene Chloride	4.610	84	53780	19.939	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	50003	20.792	ug/l	97
22) Diisopropyl ether	6.018	45	158826	19.687	ug/l	99
23) Vinyl Acetate	5.957	43	469710	96.371	ug/l	99
24) 1,1-Dichloroethane	5.915	63	92513	20.525	ug/l	99
25) 2-Butanone	6.896	43	64571	92.480	ug/l	92
26) 2,2-Dichloropropane	6.884	77	80995	20.204	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	56366	20.310	ug/l	100
28) Bromochloromethane	7.244	49	38732	20.146	ug/l	99
29) Tetrahydrofuran	7.262	42	44428	98.905	ug/l	98
30) Chloroform	7.420	83	90902	21.026	ug/l	98
31) Cyclohexane	7.695	56	91439	20.304	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	80915	20.400	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67913	20.349	ug/l	100
37) Ethyl Acetate	6.988	43	31487	19.608	ug/l	98
38) Carbon Tetrachloride	7.817	117	70584	20.432	ug/l	97
39) Methylcyclohexane	9.109	83	90919	20.277	ug/l	98
40) Benzene	8.079	78	204079	20.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	18400	17.274	ug/l #	88
42) 1,2-Dichloroethane	8.152	62	53133	19.859	ug/l	99
43) Isopropyl Acetate	8.195	43	66950	19.118	ug/l	99
44) Trichloroethene	8.865	130	51106	20.775	ug/l	96
45) 1,2-Dichloropropane	9.140	63	48446	20.310	ug/l	98
46) Dibromomethane	9.231	93	25997	20.207	ug/l	99
47) Bromodichloromethane	9.420	83	67595	20.253	ug/l	97
48) Methyl methacrylate	9.219	41	30284	18.491	ug/l	96
49) 1,4-Dioxane	9.237	88	6090	419.019	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	163009	94.864	ug/l	98
52) Toluene	10.170	92	125822	20.083	ug/l	99
53) t-1,3-Dichloropropene	10.389	75	63546	19.510	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74247	19.896	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	32948	20.000	ug/l	96
56) Ethyl methacrylate	10.438	69	49294	19.209	ug/l	97
57) 1,3-Dichloropropane	10.719	76	59270	20.249	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	99008	85.956	ug/l	98
59) 2-Hexanone	10.761	43	106944	92.824	ug/l	98
60) Dibromochloromethane	10.914	129	43309	20.254	ug/l	99
61) 1,2-Dibromoethane	11.011	107	30475	19.847	ug/l	99
64) Tetrachloroethene	10.645	164	54336	20.400	ug/l	97
65) Chlorobenzene	11.438	112	131384	20.209	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	43212	19.334	ug/l	97
67) Ethyl Benzene	11.517	91	242474	19.915	ug/l	98
68) m/p-Xylenes	11.627	106	181081	39.468	ug/l	99
69) o-Xylene	11.956	106	85366	19.666	ug/l	99
70) Styrene	11.968	104	142146	19.413	ug/l	99
71) Bromoform	12.127	173	23119	19.164	ug/l #	98
73) Isopropylbenzene	12.255	105	224799	20.716	ug/l	100
74) N-amyl acetate	12.072	43	59534	19.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	35066	21.012	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	48425	36.492	ug/l #	100
77) Bromobenzene	12.529	156	48963	21.127	ug/l	93
78) n-propylbenzene	12.596	91	273198	20.873	ug/l	99
79) 2-Chlorotoluene	12.676	91	148194	20.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	178171	20.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12844	19.607	ug/l	99
82) 4-Chlorotoluene	12.773	91	148810	20.114	ug/l	98
83) tert-Butylbenzene	12.999	119	162109	20.822	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	177507	20.414	ug/l	100
85) sec-Butylbenzene	13.175	105	238957	20.676	ug/l	100
86) p-Isopropyltoluene	13.291	119	199175	20.491	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	94598	19.994	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	91982	20.212	ug/l	99
89) n-Butylbenzene	13.614	91	189787	20.639	ug/l	99
90) Hexachloroethane	13.877	117	40423	20.602	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	80005	20.132	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5453	20.264	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	45364	19.762	ug/l	97
94) Hexachlorobutadiene	15.023	225	26052	20.350	ug/l	96
95) Naphthalene	15.145	128	82519	18.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37415	19.213	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0516SBSD01

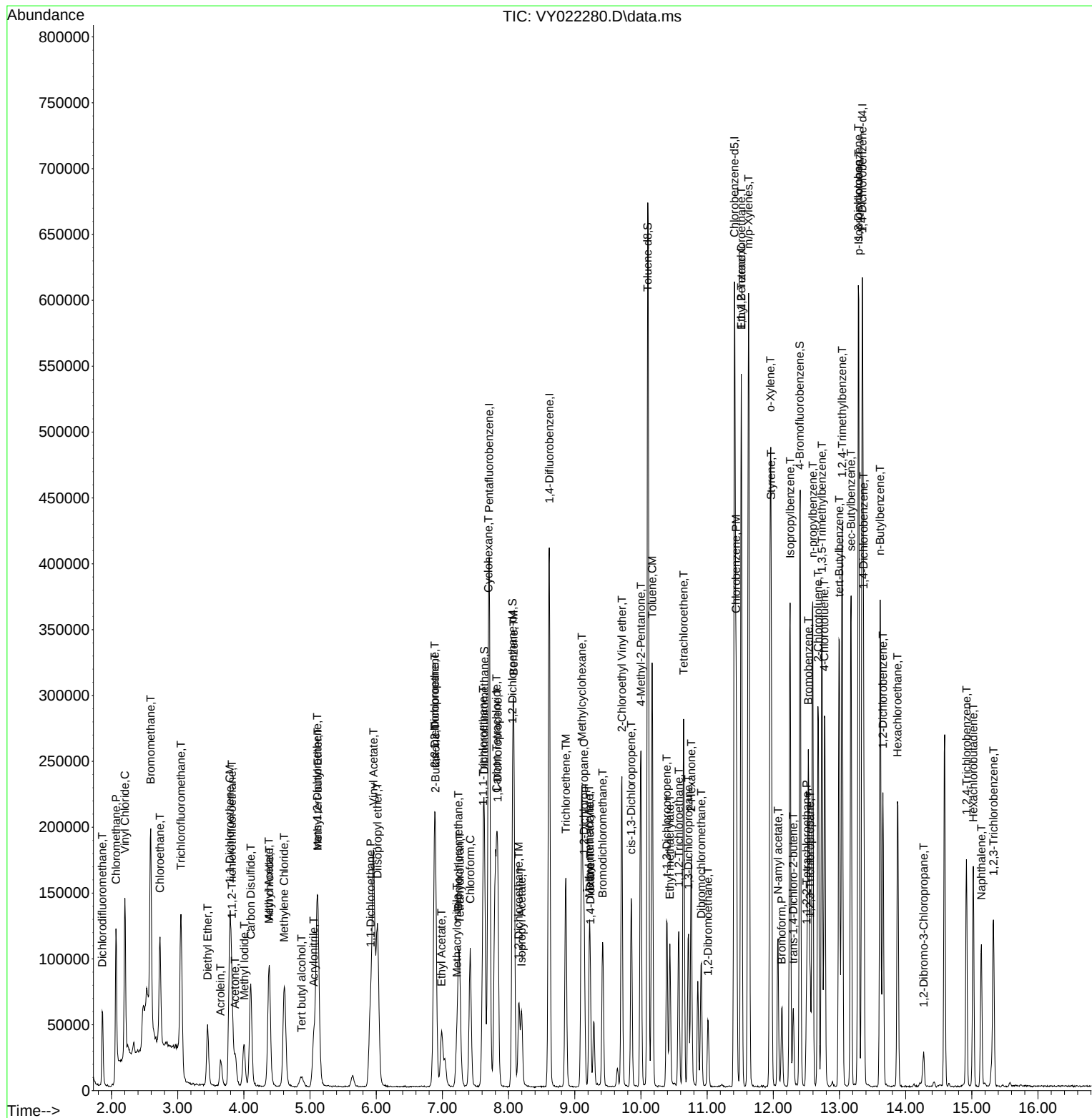
Quant Time: May 17 01:29:17 2025
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
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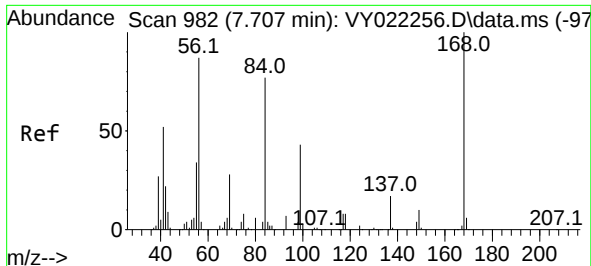
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

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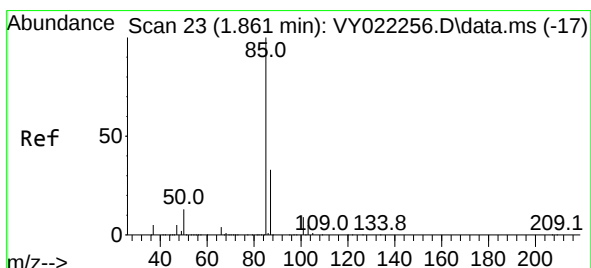
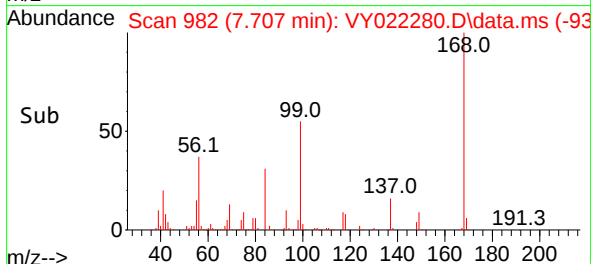
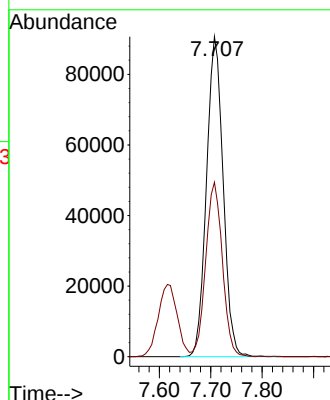
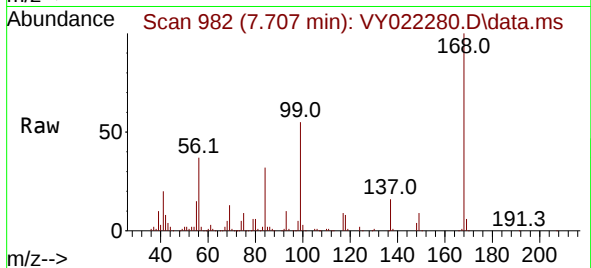




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
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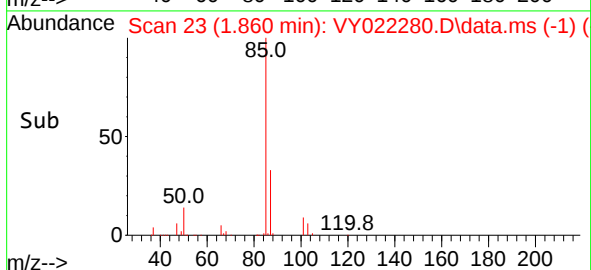
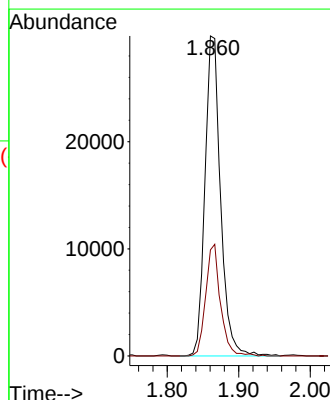
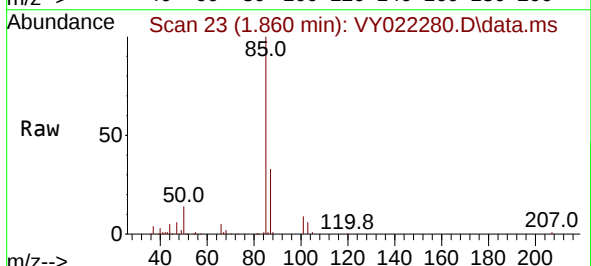
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

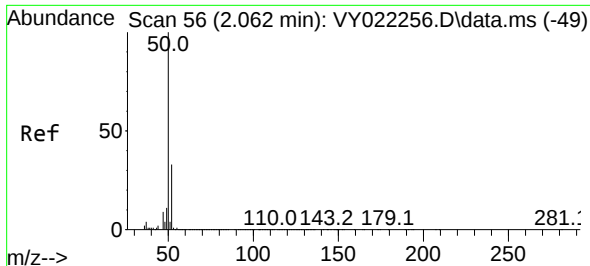
Tgt Ion:168 Resp: 203690
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.323 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 85 Resp: 45320
Ion Ratio Lower Upper
85 100
87 33.2 16.5 49.5

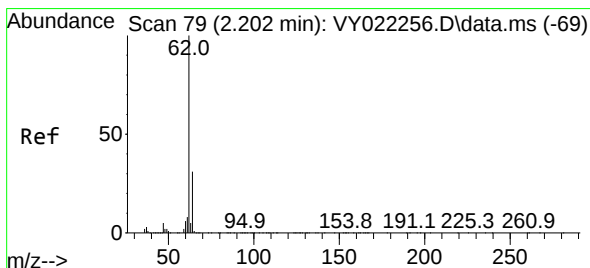
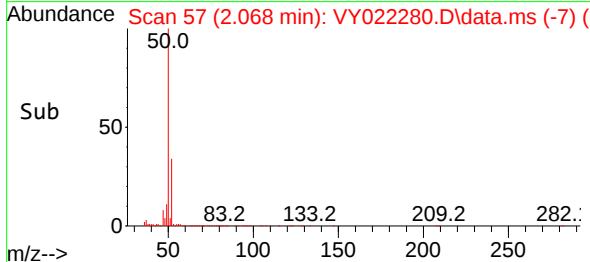
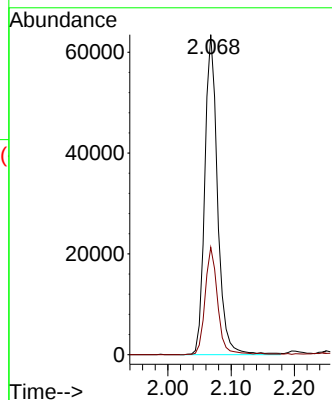
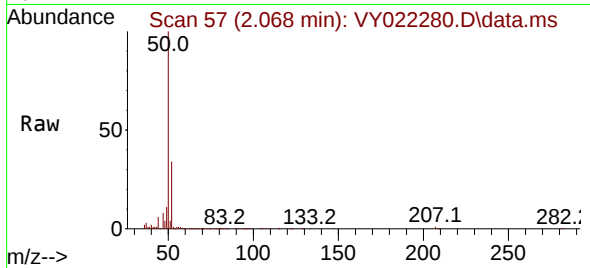




#3
Chloromethane
Concen: 20.050 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

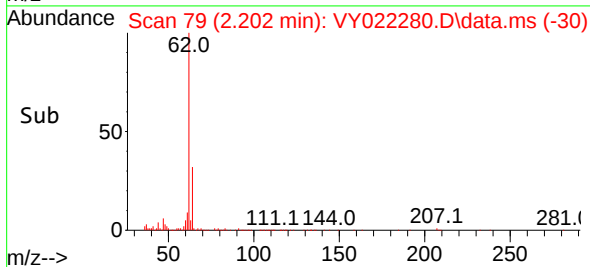
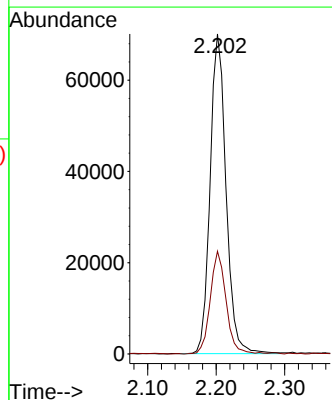
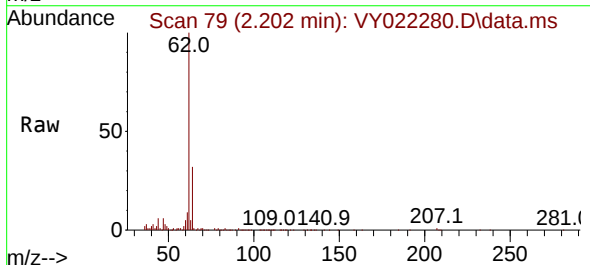
Instrument :
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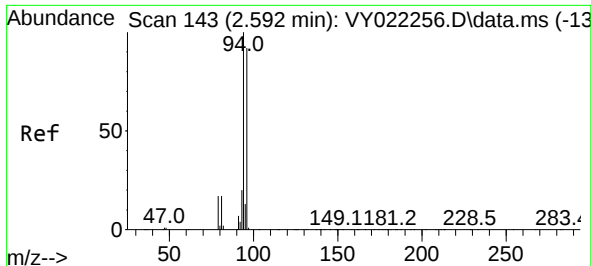
Tgt Ion: 50 Resp: 89643
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7



#4
Vinyl Chloride
Concen: 22.687 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 62 Resp: 113325
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

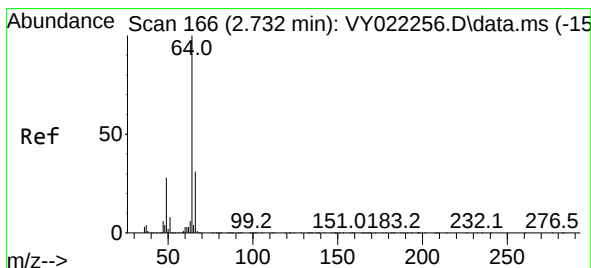
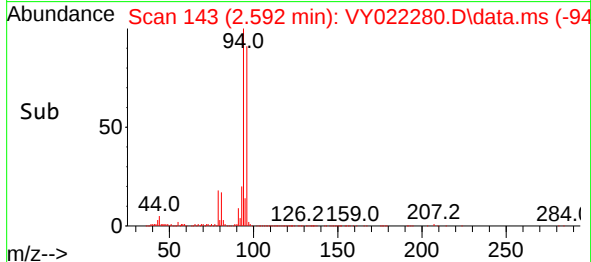
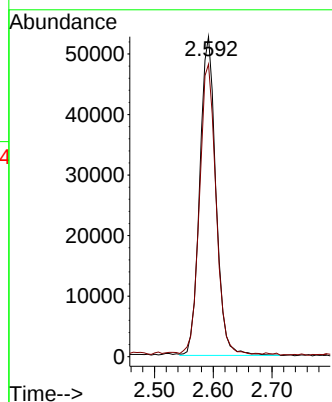
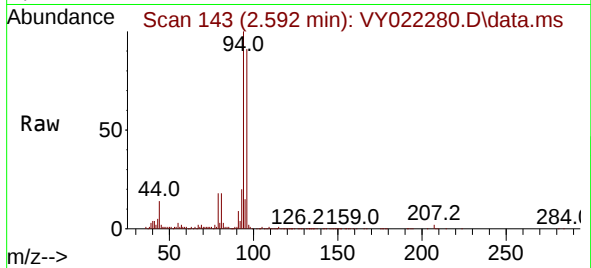




#5
Bromomethane
Concen: 24.742 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

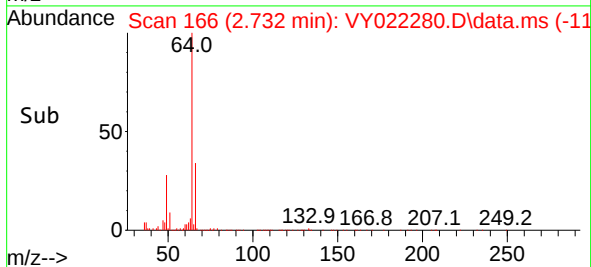
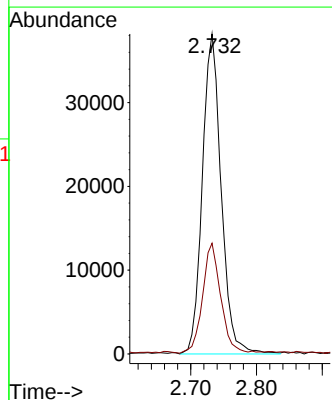
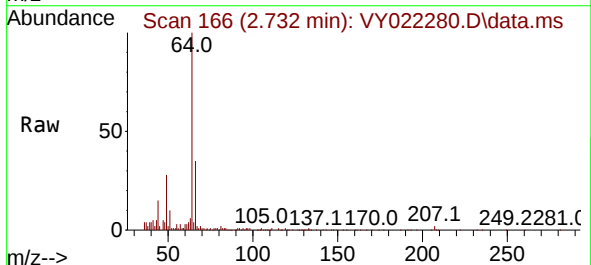
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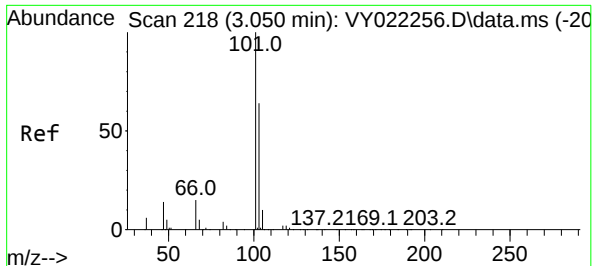
Tgt Ion: 94 Resp: 100608
Ion Ratio Lower Upper
94 100
96 91.2 73.4 110.0



#6
Chloroethane
Concen: 24.499 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 64 Resp: 76134
Ion Ratio Lower Upper
64 100
66 34.3 24.8 37.2

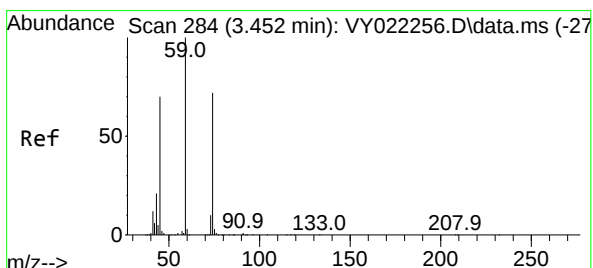
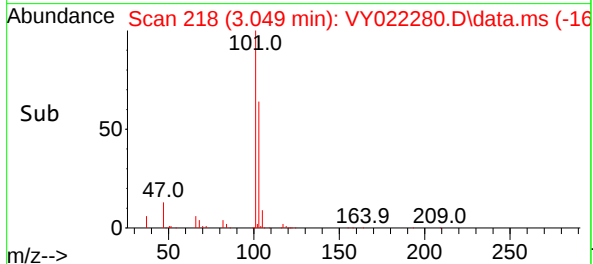
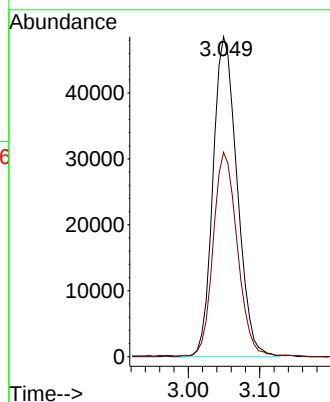
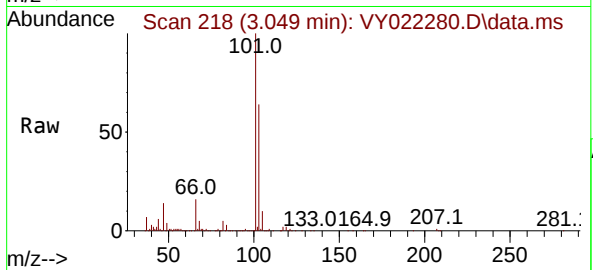




#7
 Trichlorofluoromethane
 Concen: 22.449 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

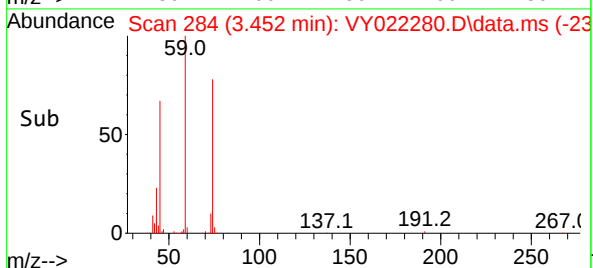
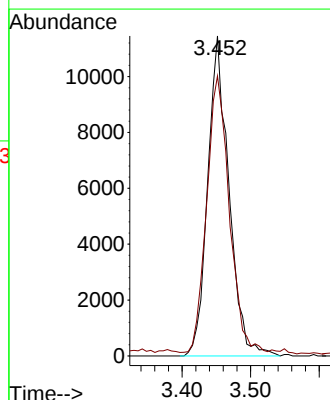
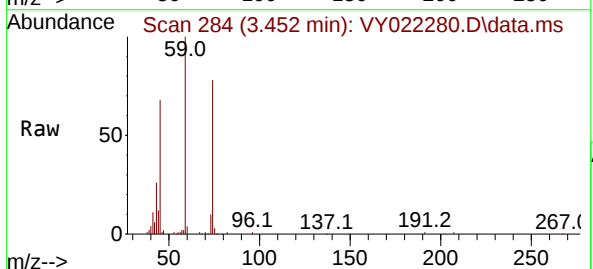
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Tgt Ion:101 Resp: 113531
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.313 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 74 Resp: 24654
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.6 145.8

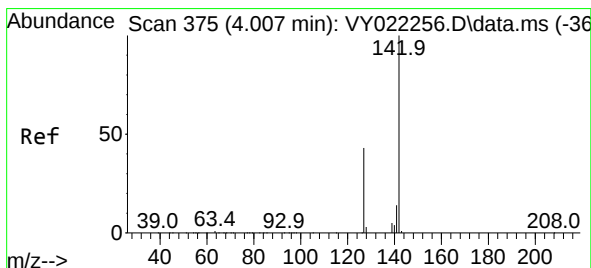
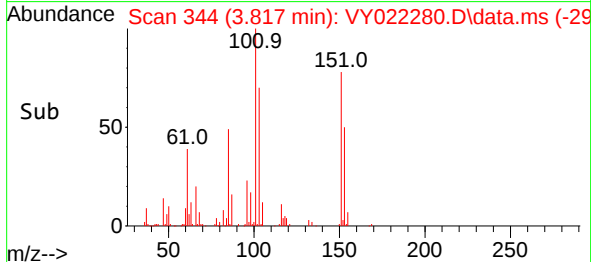
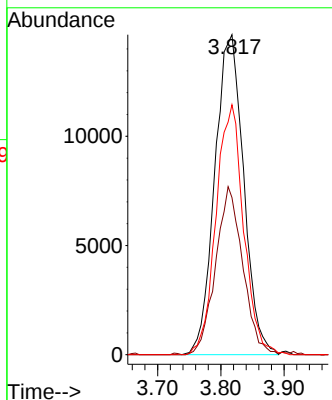
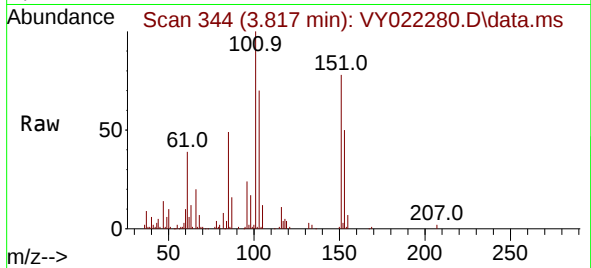




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.120 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

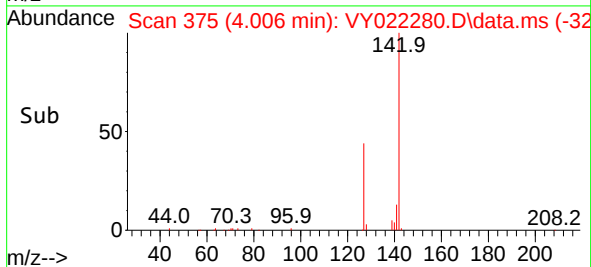
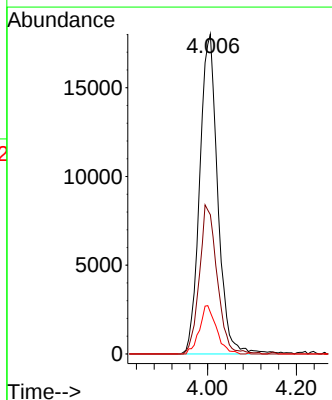
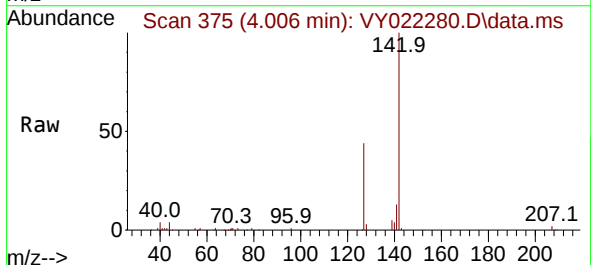
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

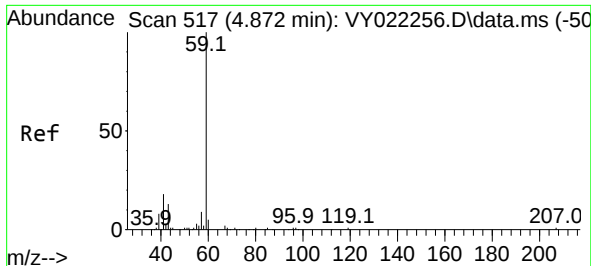
Tgt Ion:101 Resp: 46371
Ion Ratio Lower Upper
101 100
85 49.5 38.6 58.0
151 74.8 59.7 89.5



#10
Methyl Iodide
Concen: 20.007 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:142 Resp: 50840
Ion Ratio Lower Upper
142 100
127 46.0 35.7 53.5
141 14.3 11.1 16.7

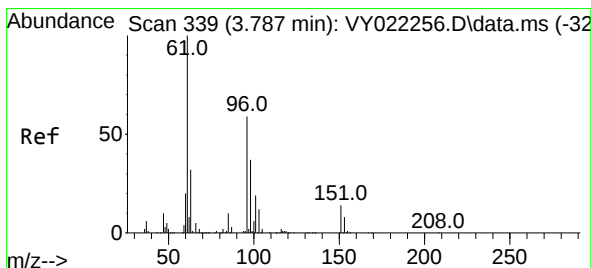
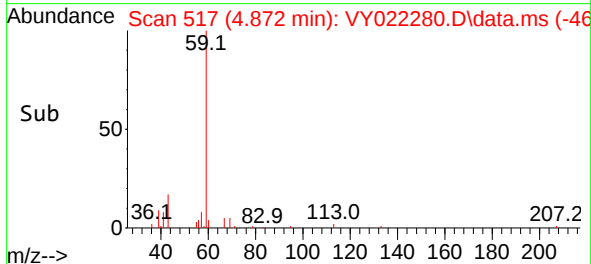
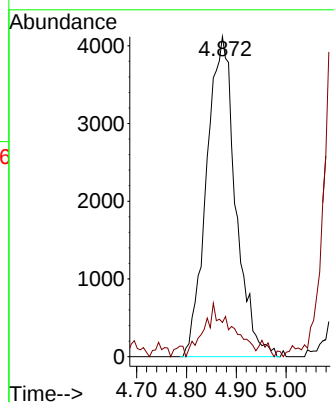
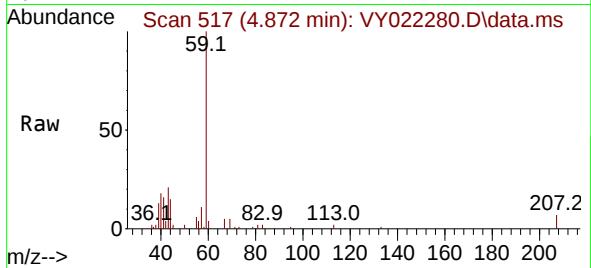




#11
Tert butyl alcohol
Concen: 98.184 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

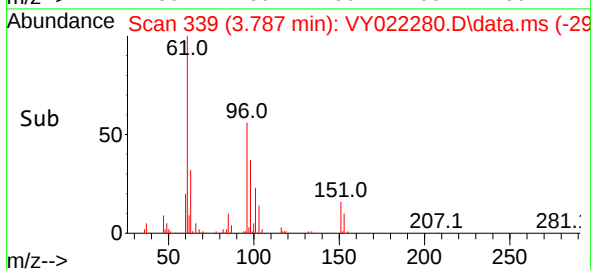
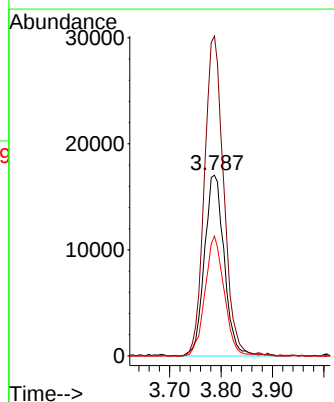
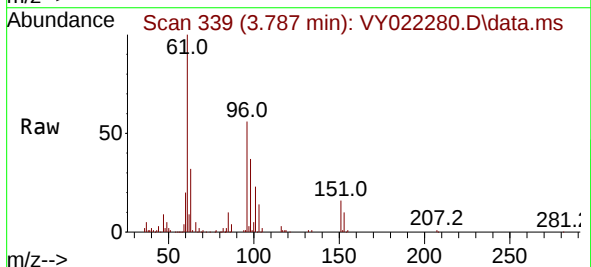
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

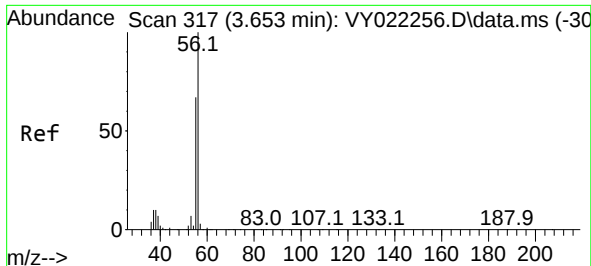
Tgt Ion: 59 Resp: 16691
Ion Ratio Lower Upper
59 100
57 16.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.985 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 96 Resp: 45722
Ion Ratio Lower Upper
96 100
61 177.0 134.9 202.3
98 66.3 49.9 74.9





#13

Acrolein

Concen: 93.192 ug/l

RT: 3.647 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

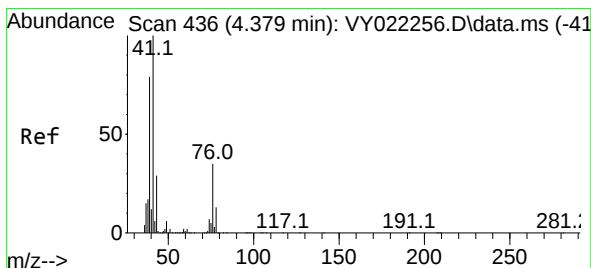
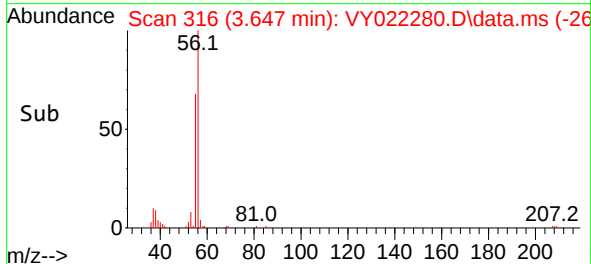
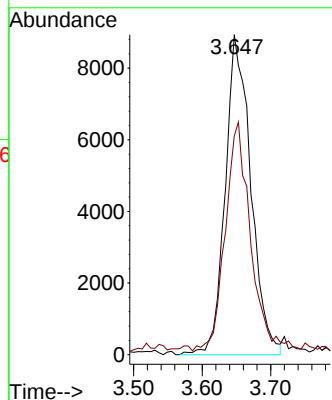
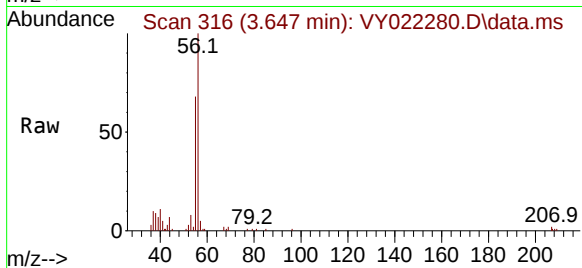
VY0516SBS01

Tgt Ion: 56 Resp: 23160

Ion Ratio Lower Upper

56 100

55 70.6 55.6 83.4



#14

Allyl chloride

Concen: 19.572 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

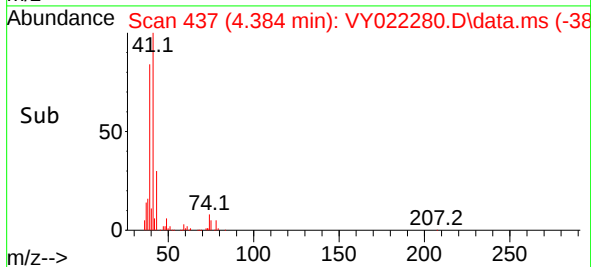
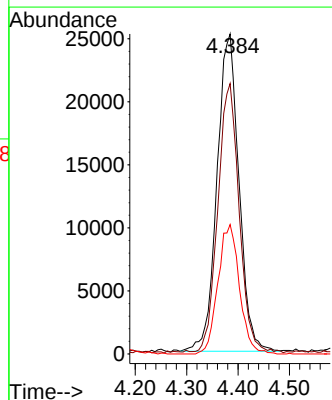
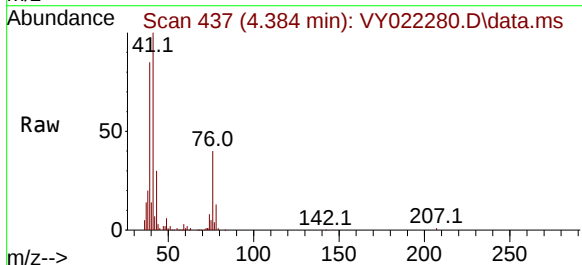
Tgt Ion: 41 Resp: 74770

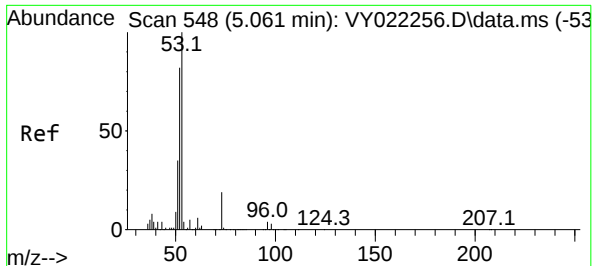
Ion Ratio Lower Upper

41 100

39 82.4 63.4 95.0

76 39.9 29.5 44.3





#15

Acrylonitrile

Concen: 101.160 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

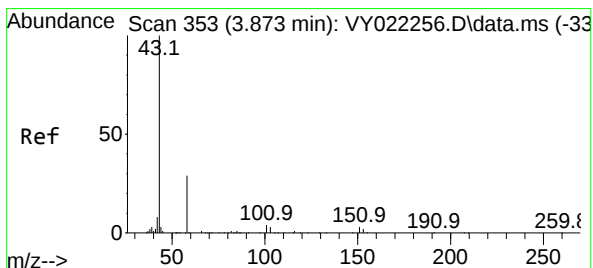
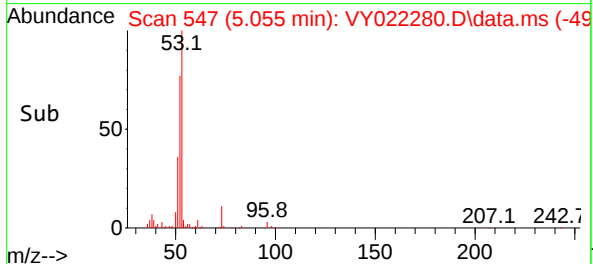
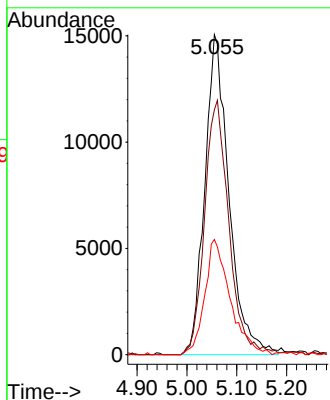
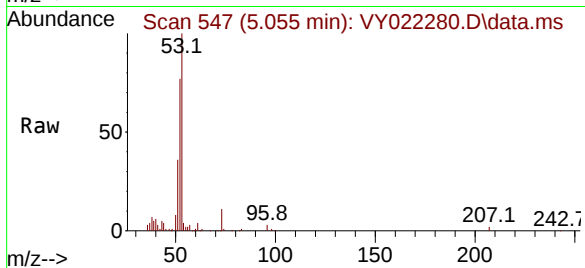
Tgt Ion: 53 Resp: 50590

Ion Ratio Lower Upper

53 100

52 80.3 66.1 99.1

51 37.9 30.0 45.0



#16

Acetone

Concen: 87.598 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY022280.D

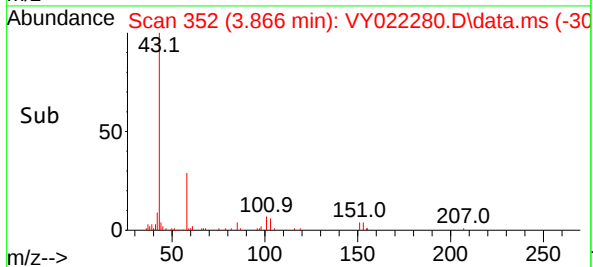
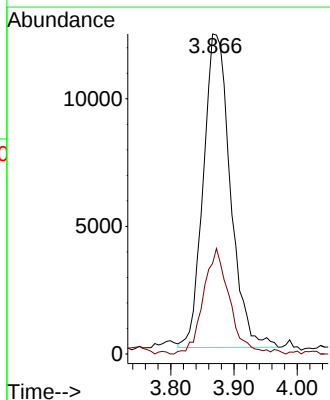
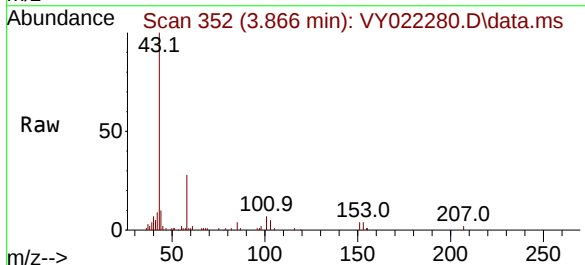
Acq: 16 May 2025 10:32

Tgt Ion: 43 Resp: 36565

Ion Ratio Lower Upper

43 100

58 28.1 23.6 35.4

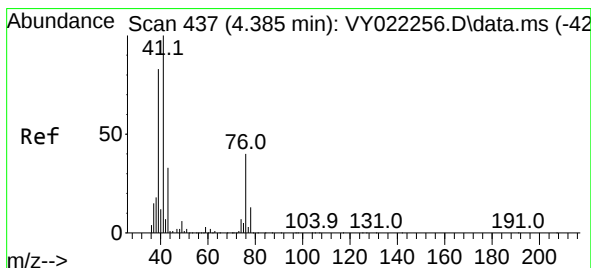
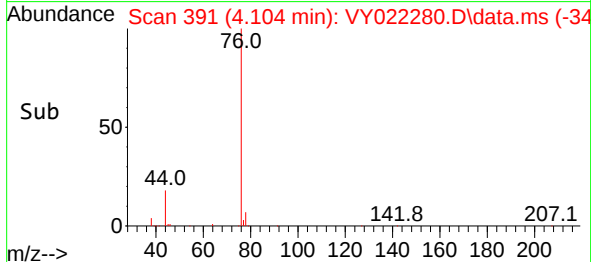
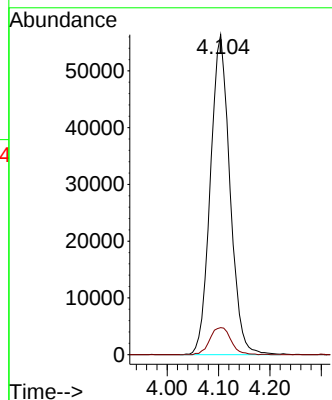
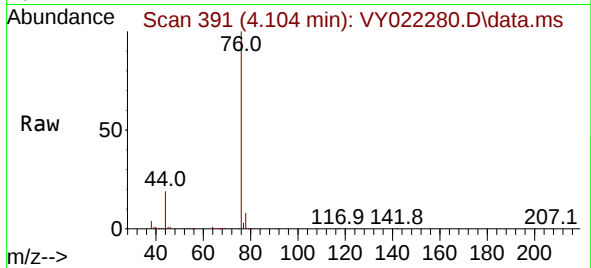




#17
Carbon Disulfide
Concen: 20.944 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

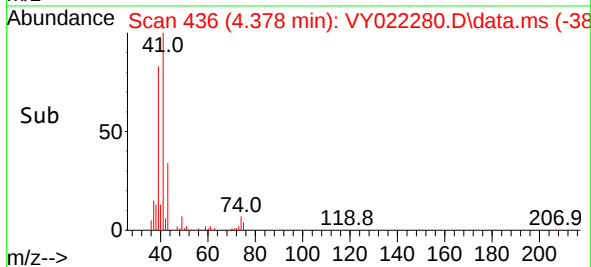
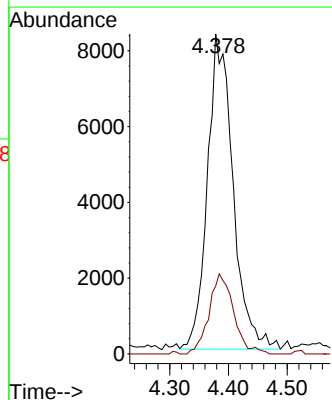
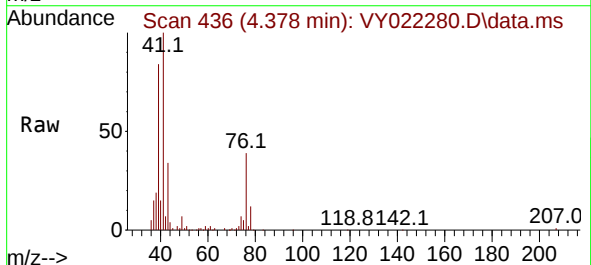
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

Tgt Ion: 76 Resp: 148802
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 19.111 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 43 Resp: 25151
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.4

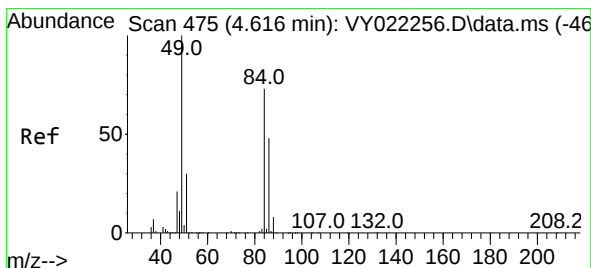
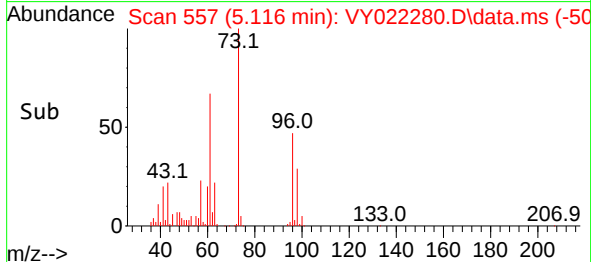
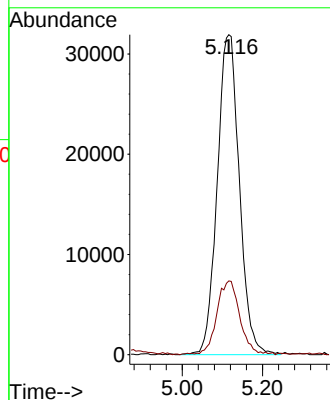
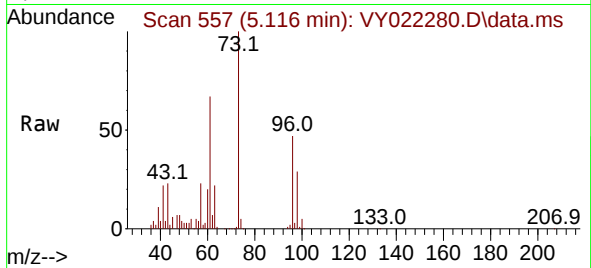




#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

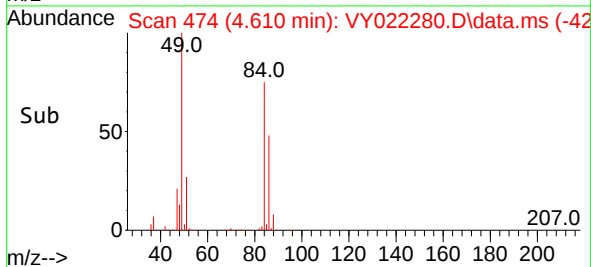
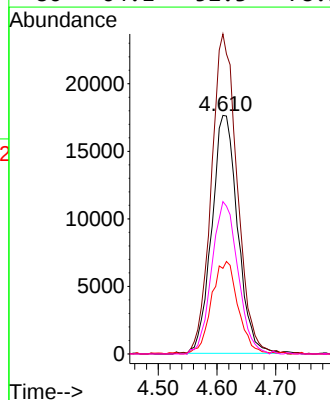
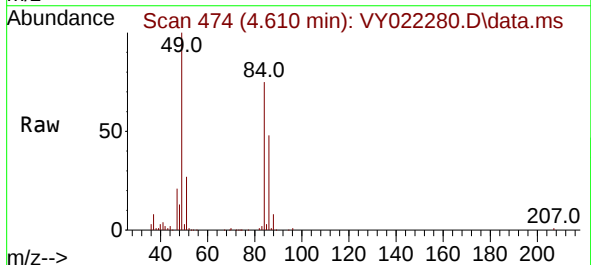
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

Tgt Ion: 73 Resp: 122294
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0



#20
Methylene Chloride
Concen: 19.939 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 84 Resp: 53780
Ion Ratio Lower Upper
84 100
49 134.1 109.6 164.4
51 36.0 32.4 48.6
86 64.1 52.3 78.5

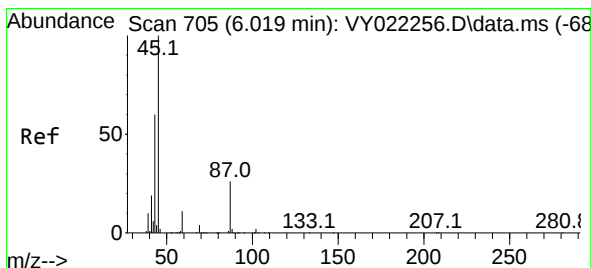
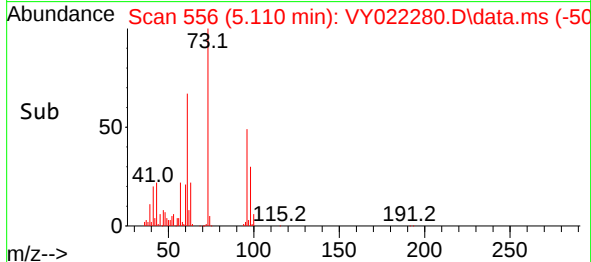
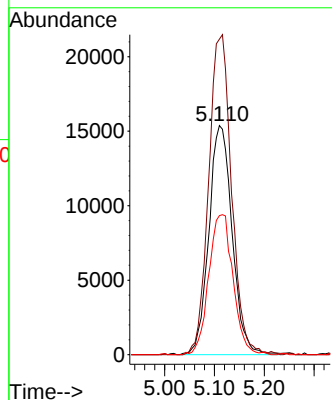
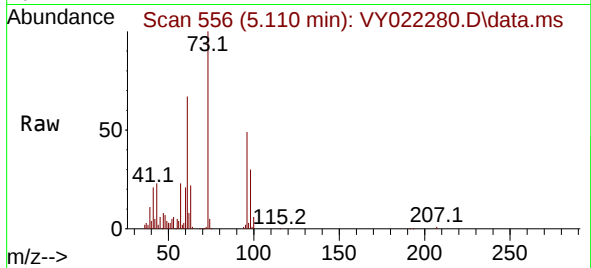




#21
trans-1,2-Dichloroethene
Concen: 20.792 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

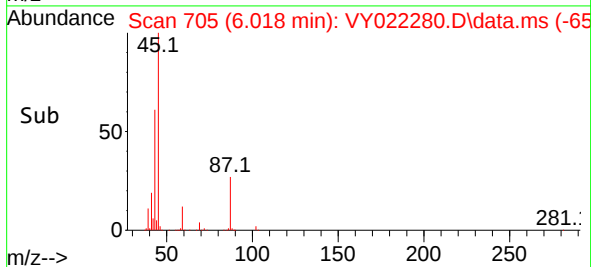
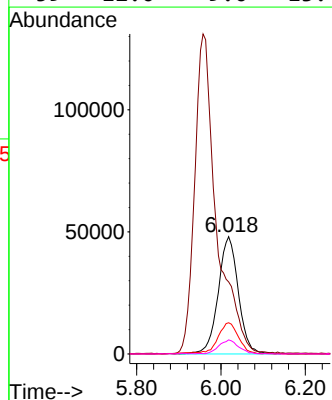
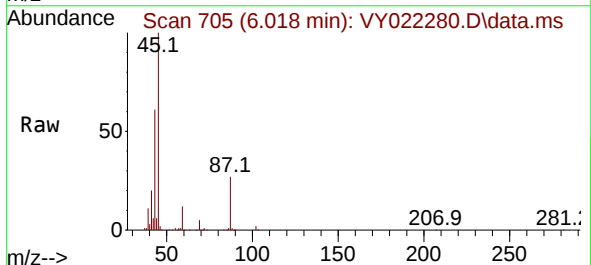
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

Tgt Ion: 96 Resp: 50003
Ion Ratio Lower Upper
96 100
61 137.7 113.4 170.0
98 60.7 50.9 76.3



#22
Diisopropyl ether
Concen: 19.687 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 45 Resp: 158826
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.2
87 26.4 21.4 32.0
59 12.0 9.0 13.4

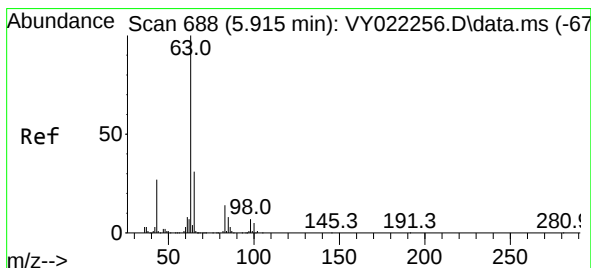
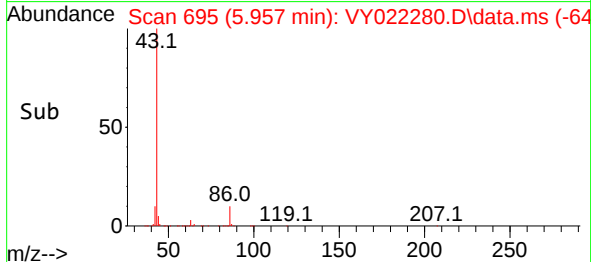
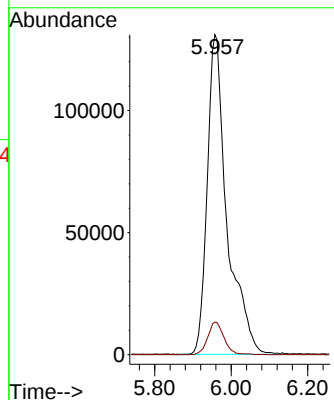
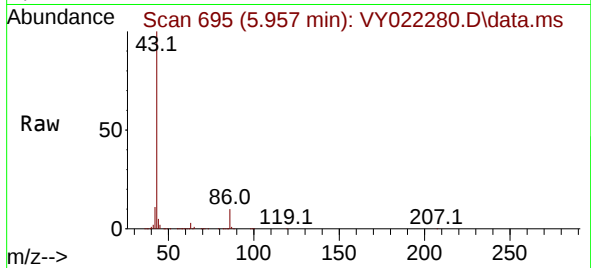




#23
 Vinyl Acetate
 Concen: 96.371 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

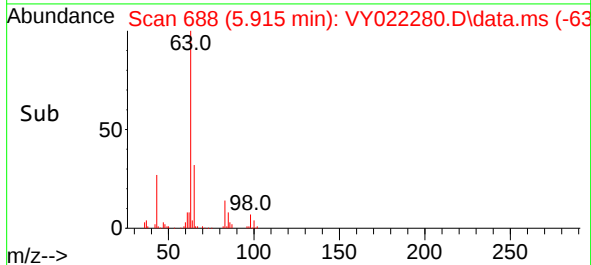
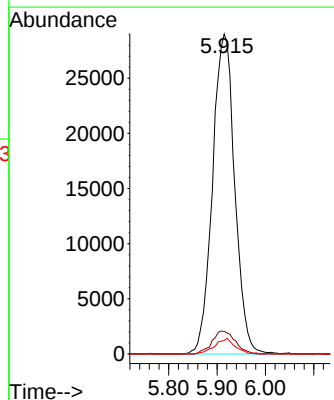
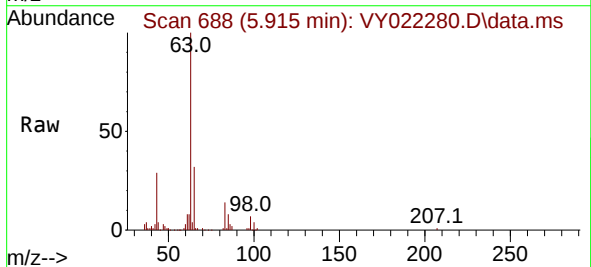
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

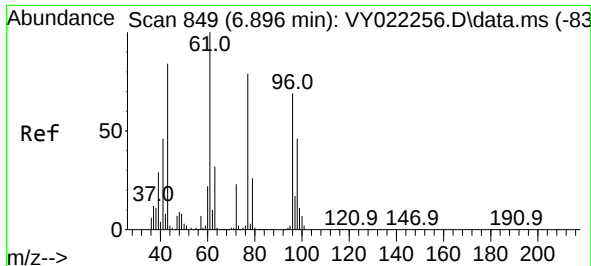
Tgt Ion: 43 Resp: 469710
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.525 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 63 Resp: 92513
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.2 2.4 7.2

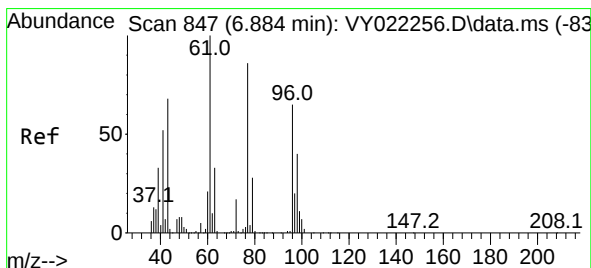
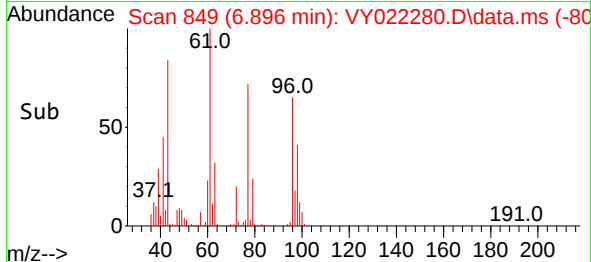
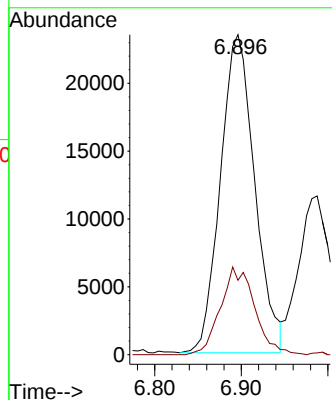
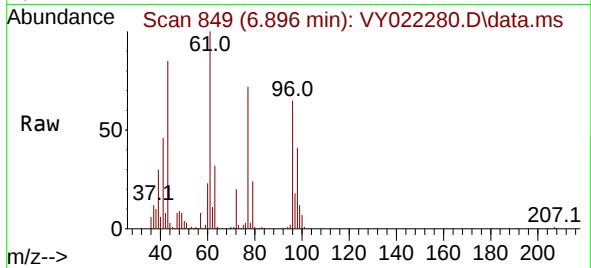




#25
2-Butanone
Concen: 92.480 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

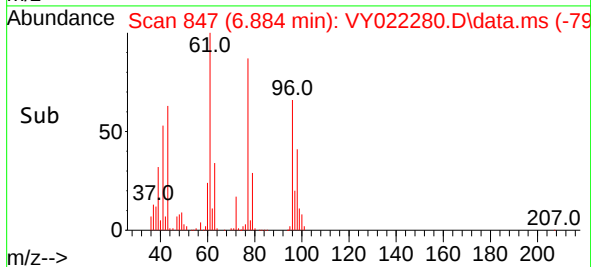
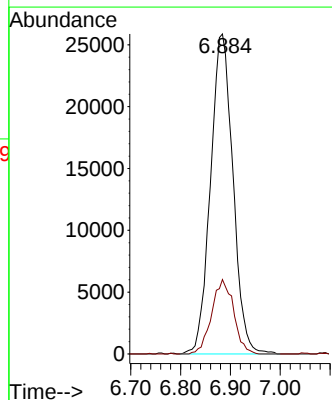
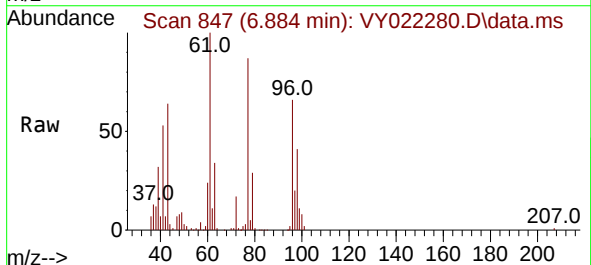
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

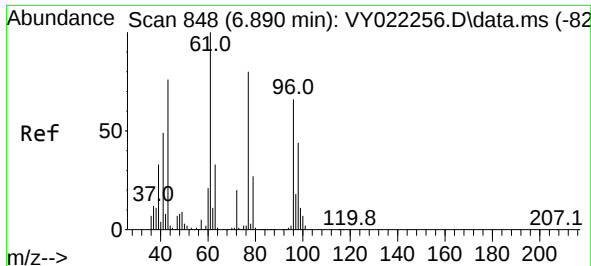
Tgt Ion: 43 Resp: 64571
Ion Ratio Lower Upper
43 100
72 23.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.204 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 77 Resp: 80995
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

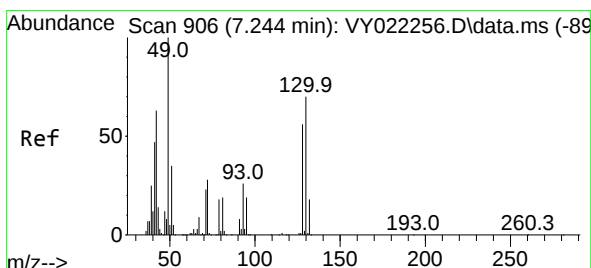
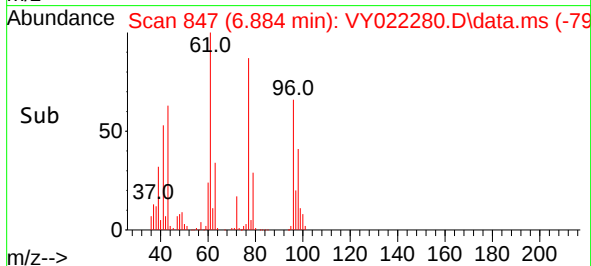
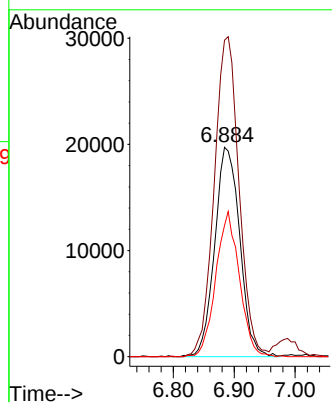
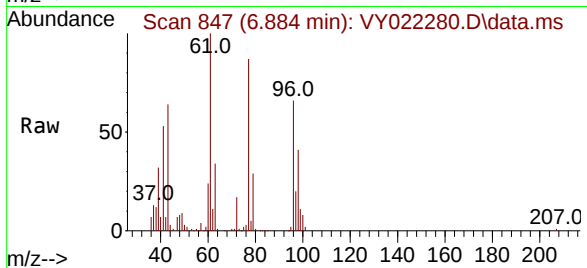
Tgt Ion: 96 Resp: 56366

Ion Ratio Lower Upper

96 100

61 151.2 0.0 302.6

98 65.2 0.0 128.8



#28

Bromochloromethane

Concen: 20.146 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

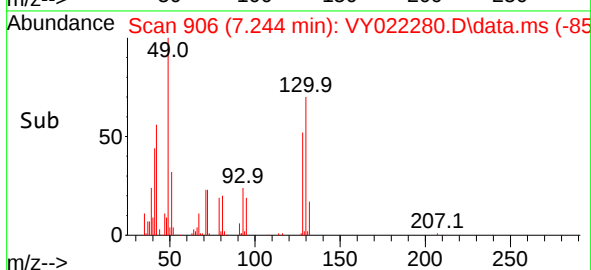
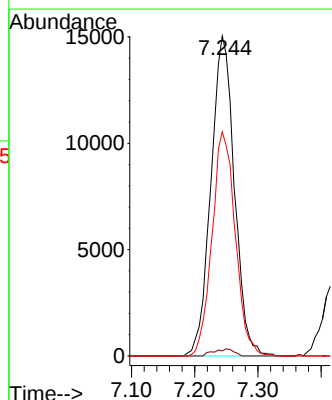
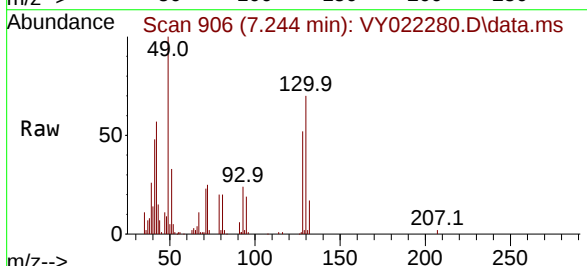
Tgt Ion: 49 Resp: 38732

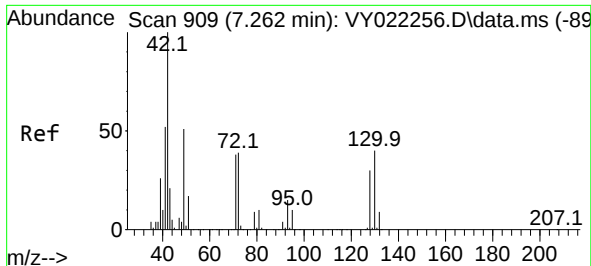
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 69.4 54.7 82.1

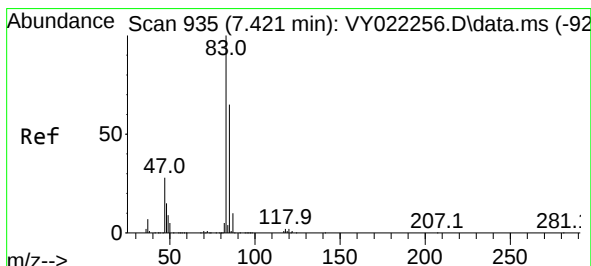
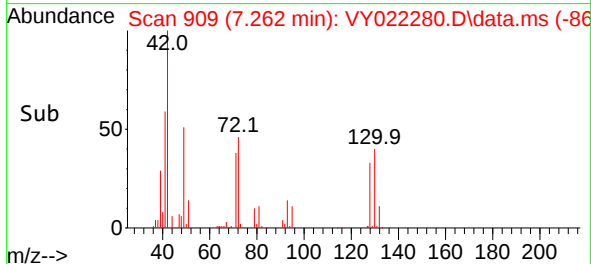
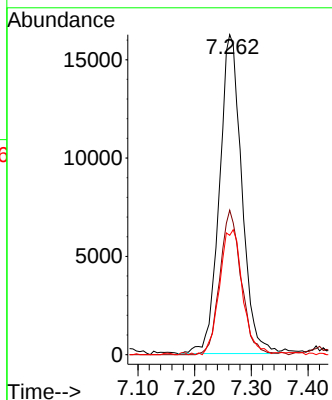
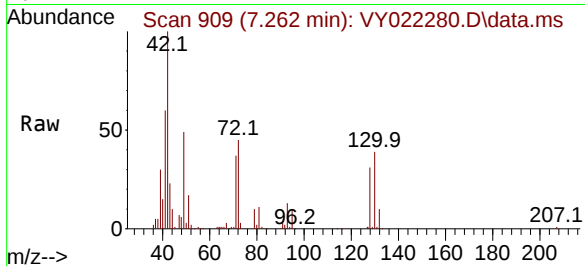




#29
Tetrahydrofuran
Concen: 98.905 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

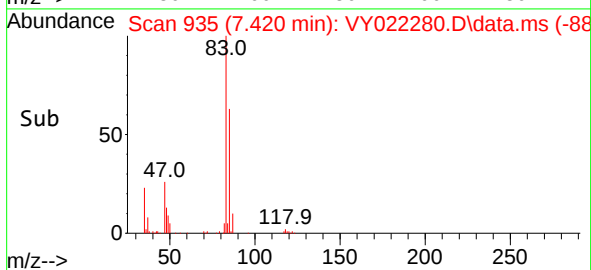
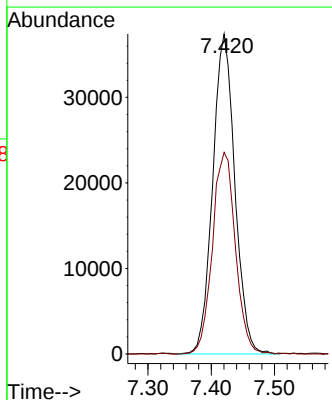
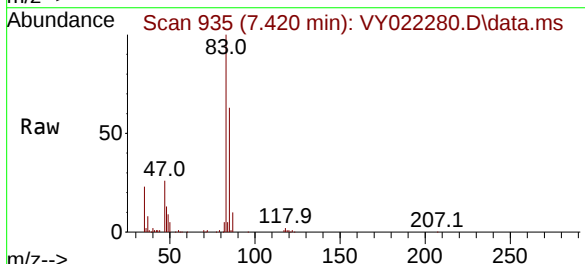
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

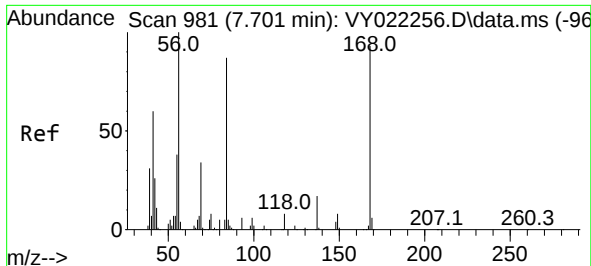
Tgt Ion:	42	Resp:	44428
Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.8	50.6
71	40.5	31.5	47.3



#30
Chloroform
Concen: 21.026 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:	83	Resp:	90902
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8





#31

Cyclohexane

Concen: 20.304 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

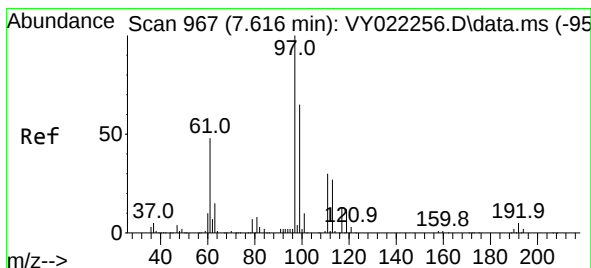
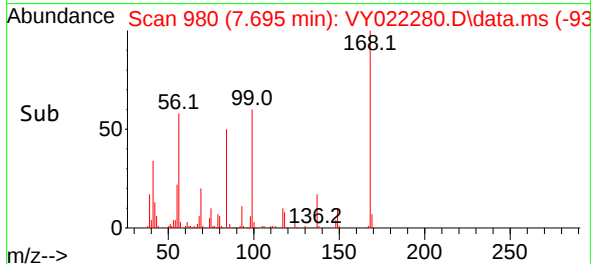
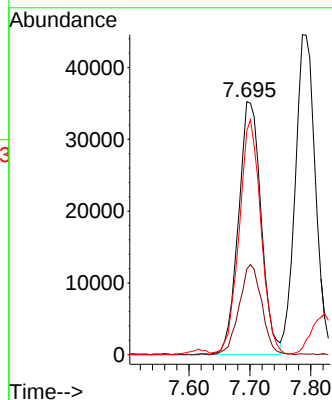
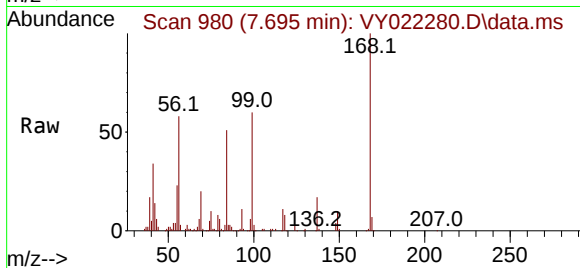
Tgt Ion: 56 Resp: 91439

Ion Ratio Lower Upper

56 100

69 33.7 27.4 41.2

84 88.0 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 20.400 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

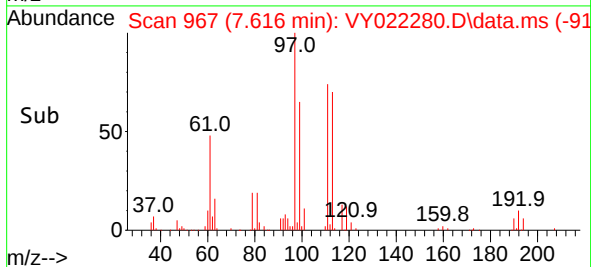
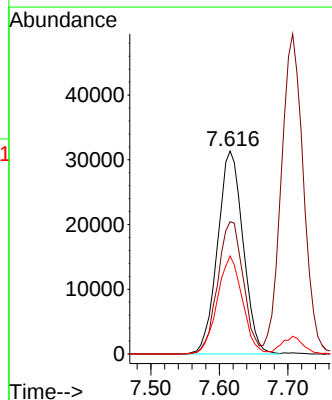
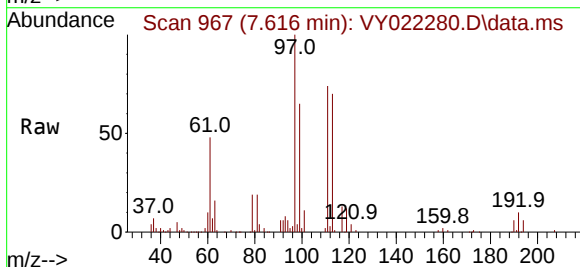
Tgt Ion: 97 Resp: 80915

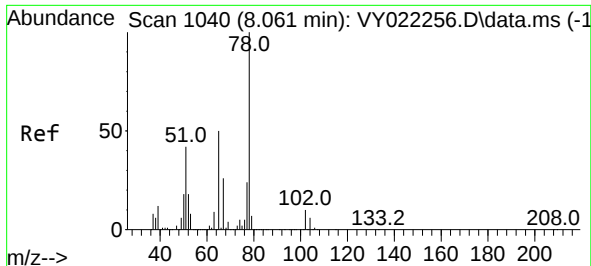
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.0

61 47.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 48.814 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

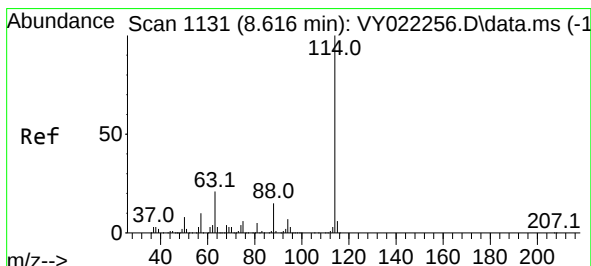
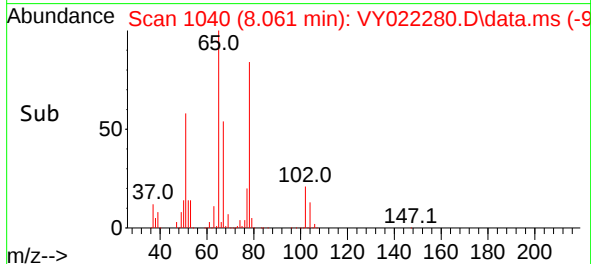
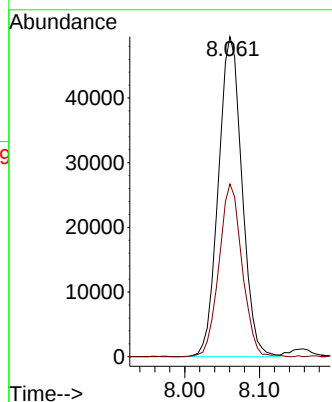
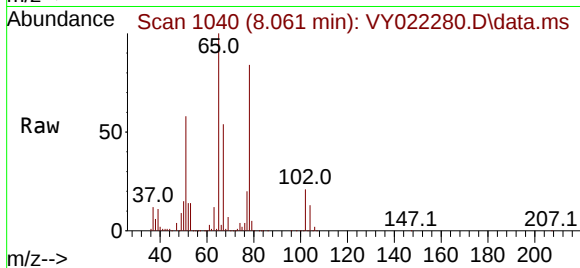
VY0516SBS01

Tgt Ion: 65 Resp: 108666

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

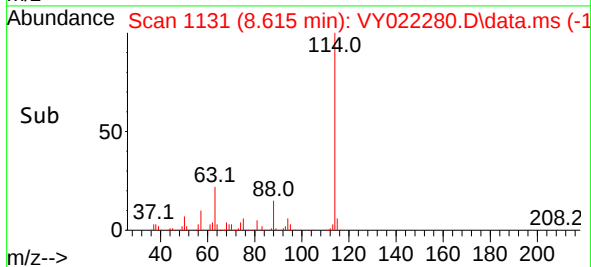
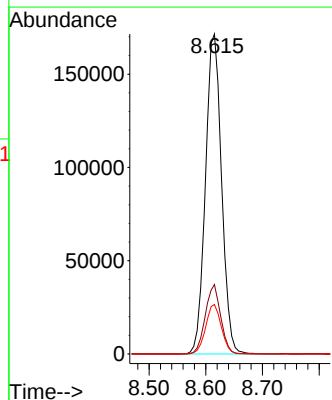
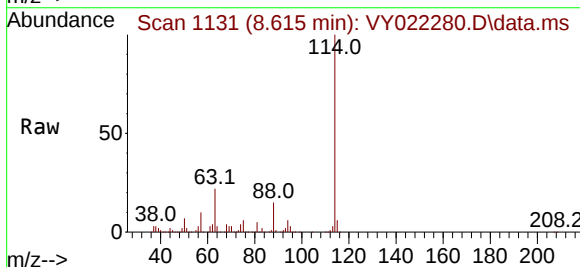
Tgt Ion: 114 Resp: 339478

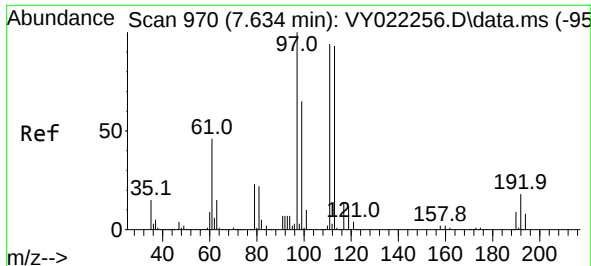
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.0

88 15.4 0.0 29.4

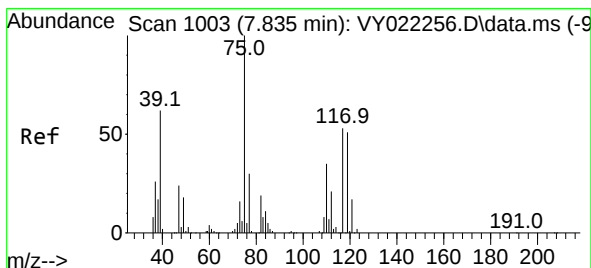
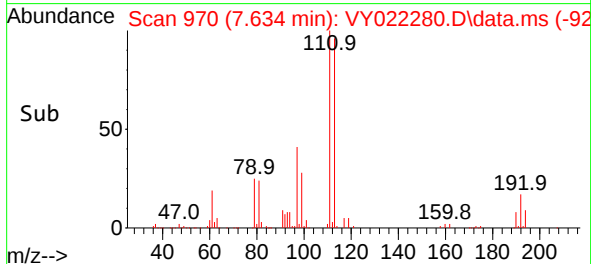
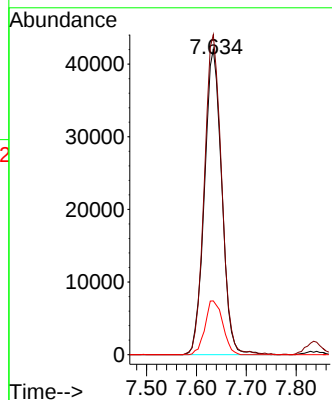
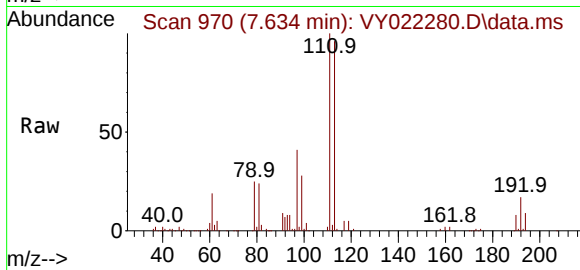




#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

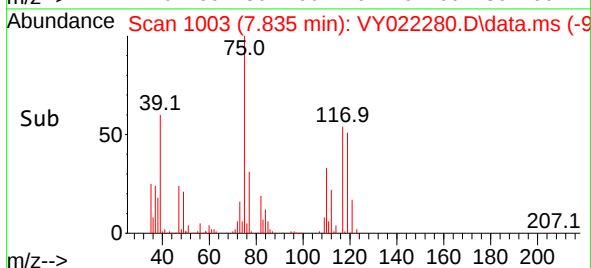
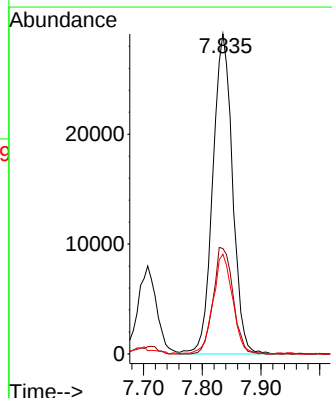
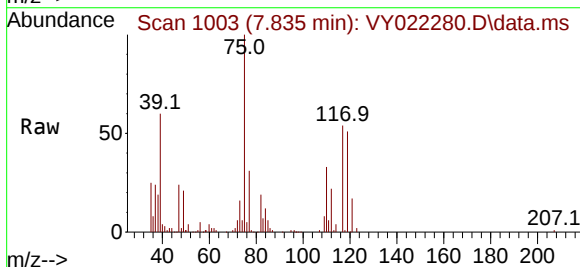
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

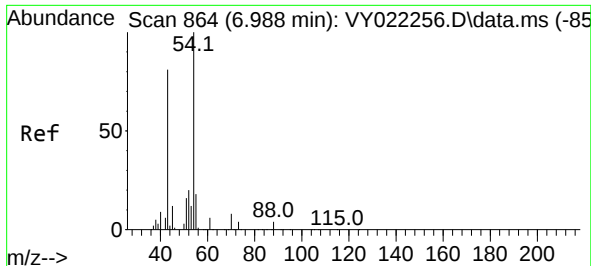
Tgt Ion:113 Resp: 101282
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.349 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 75 Resp: 67913
Ion Ratio Lower Upper
75 100
110 33.5 16.6 49.8
77 31.0 24.6 37.0

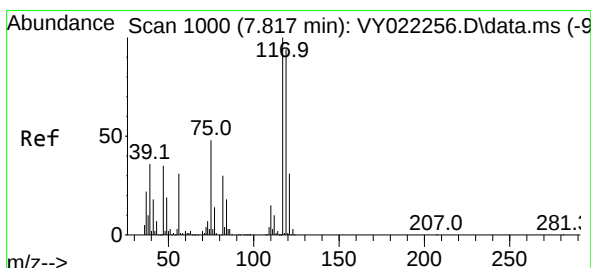
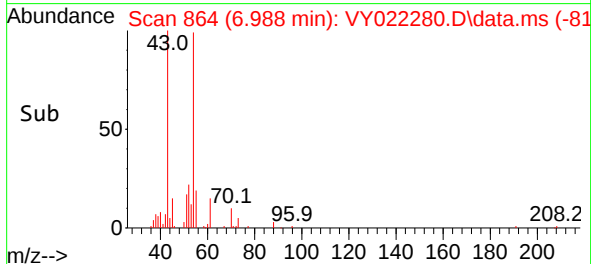
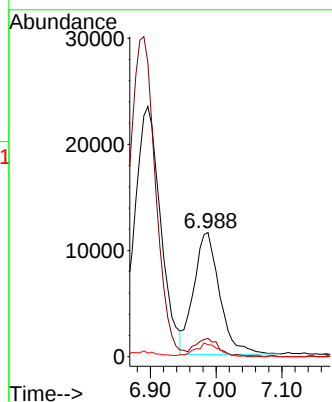
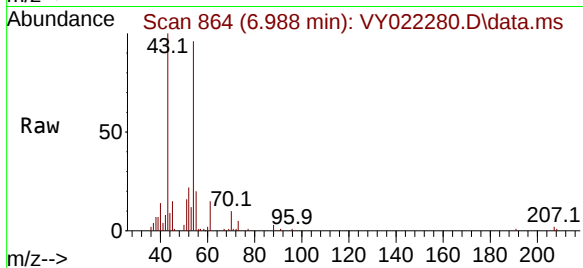




#37
Ethyl Acetate
Concen: 19.608 ug/l
RT: 6.988 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

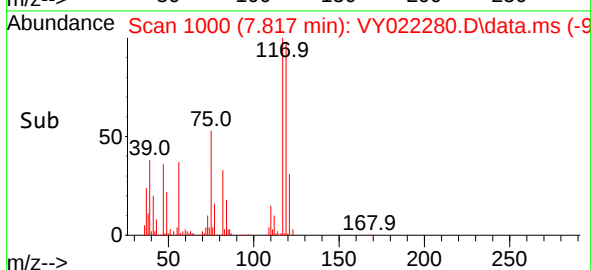
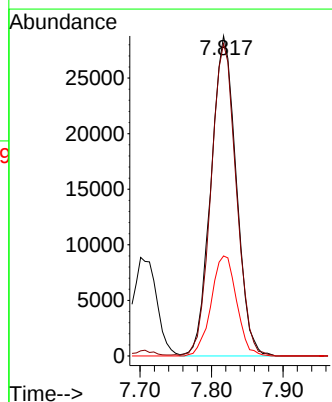
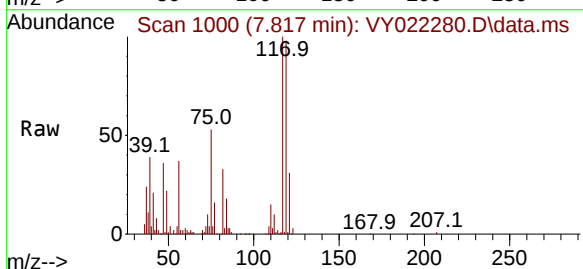
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

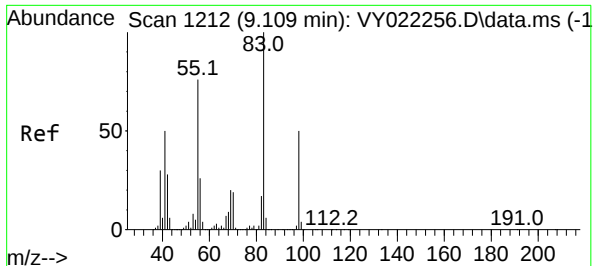
Tgt Ion:	43	Resp:	31487
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.2
70	10.0	7.6	11.4



#38
Carbon Tetrachloride
Concen: 20.432 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:	117	Resp:	70584
Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.3	112.9
121	31.3	24.7	37.1





#39

Methylcyclohexane

Concen: 20.277 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

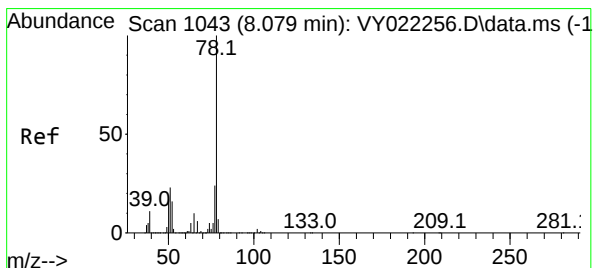
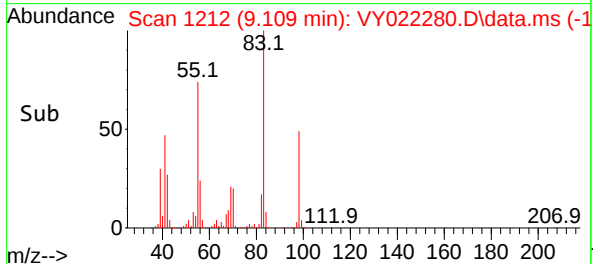
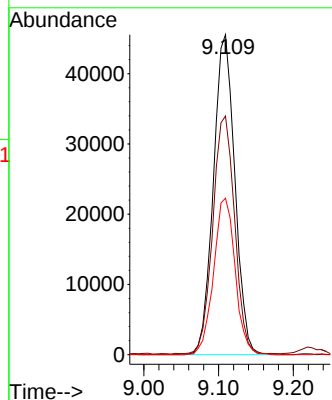
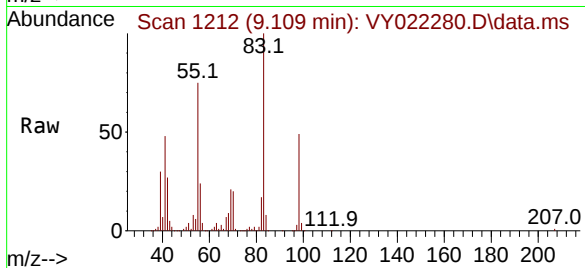
Tgt Ion: 83 Resp: 90919

Ion Ratio Lower Upper

83 100

55 74.3 60.6 90.8

98 48.9 40.0 60.0



#40

Benzene

Concen: 20.627 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022280.D

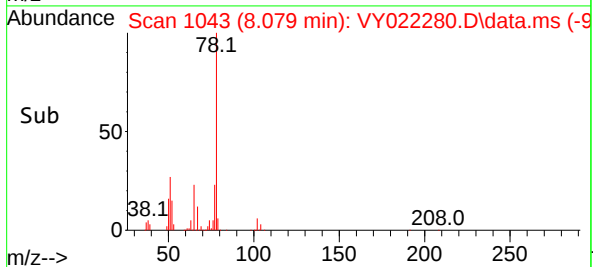
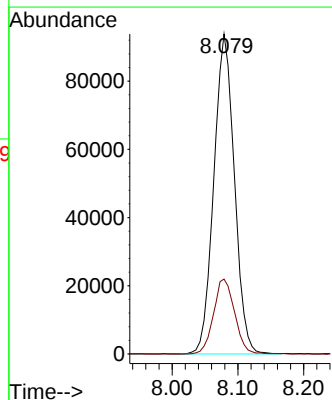
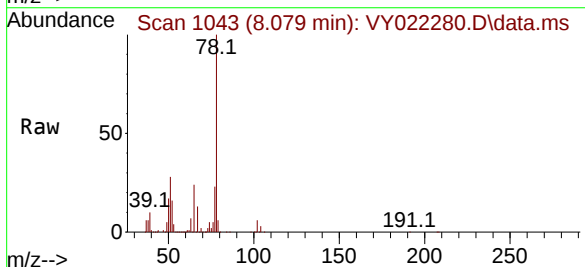
Acq: 16 May 2025 10:32

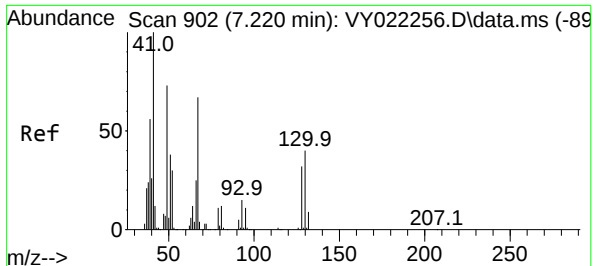
Tgt Ion: 78 Resp: 204079

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3

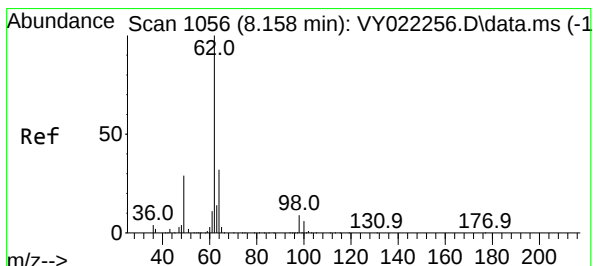
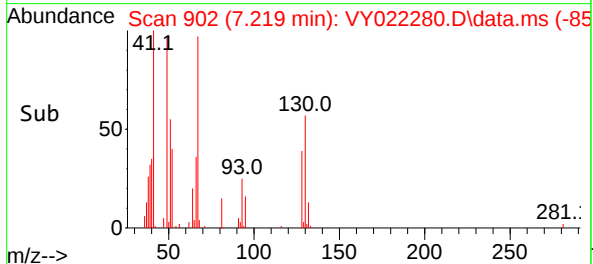
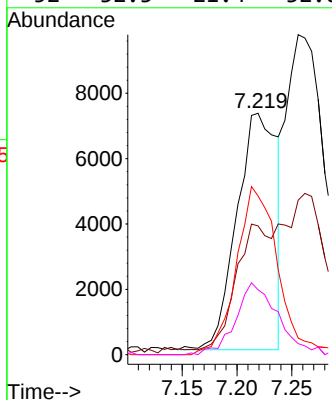
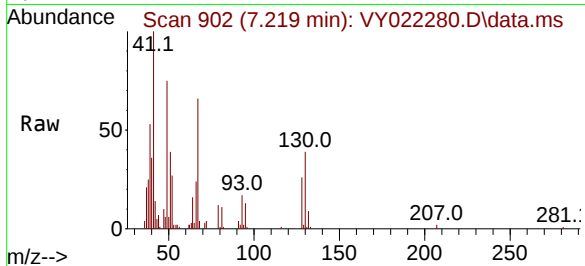




#41
Methacrylonitrile
Concen: 17.274 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

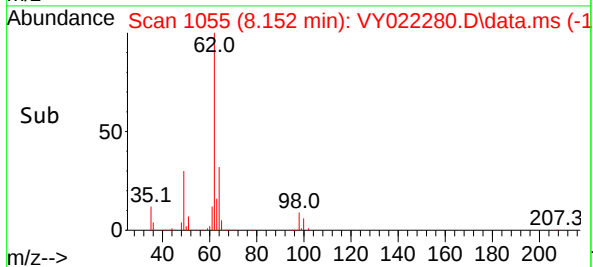
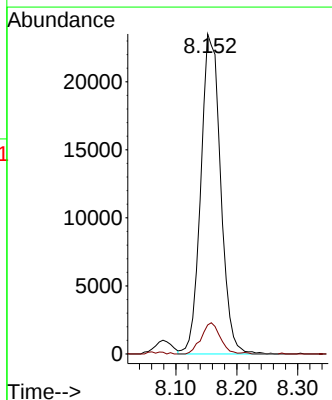
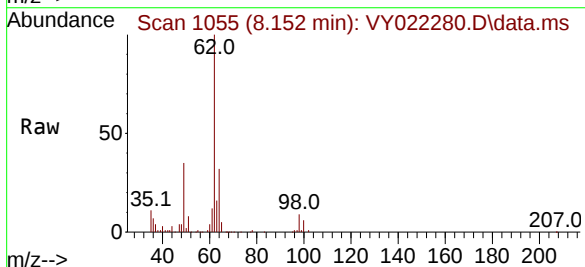
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

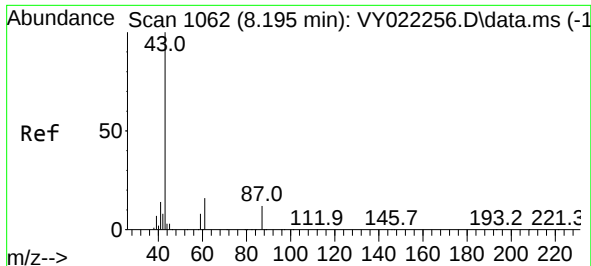
Tgt Ion:	41	Resp:	18400
Ion	Ratio	Lower	Upper
41	100		
39	47.3	39.1	58.7
67	74.6	47.1	70.7#
52	32.3	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 19.859 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:	62	Resp:	53133
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4

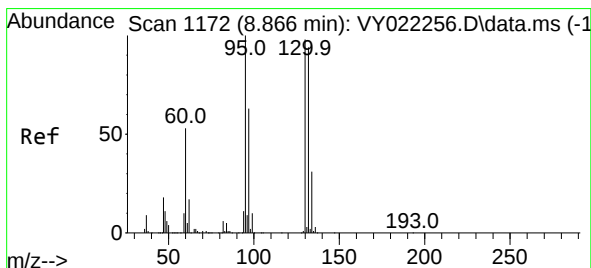
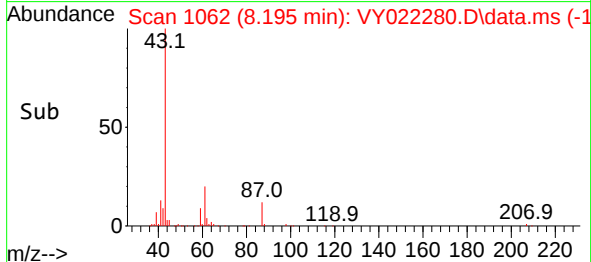
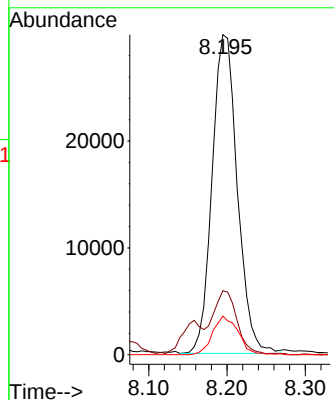
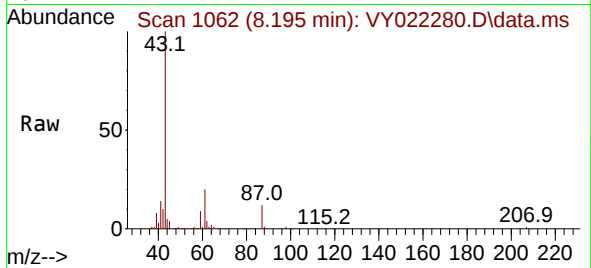




#43
Isopropyl Acetate
Concen: 19.118 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

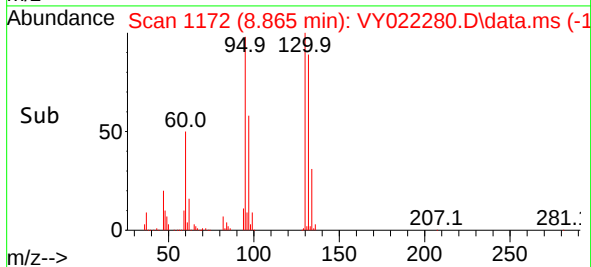
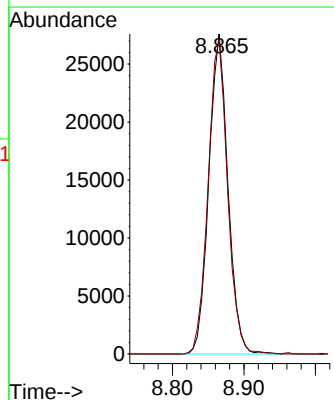
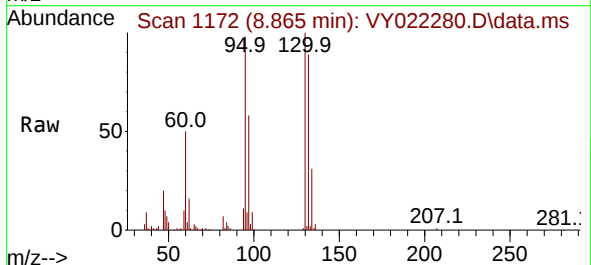
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

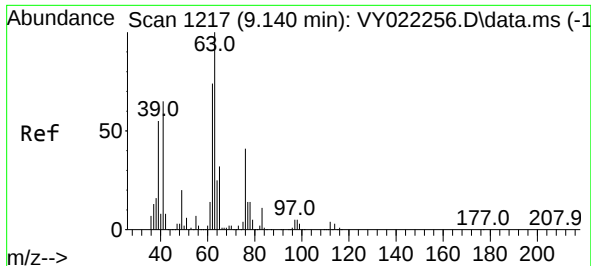
Tgt Ion: 43 Resp: 66950
Ion Ratio Lower Upper
43 100
61 18.5 15.1 22.7
87 12.2 9.7 14.5



#44
Trichloroethene
Concen: 20.775 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:130 Resp: 51106
Ion Ratio Lower Upper
130 100
95 98.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.310 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

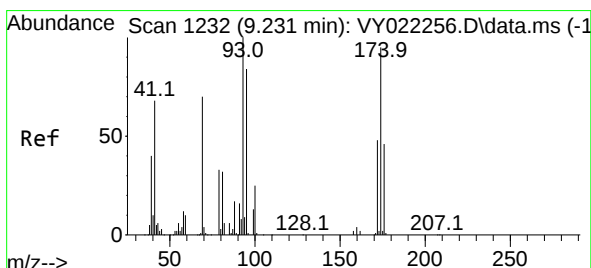
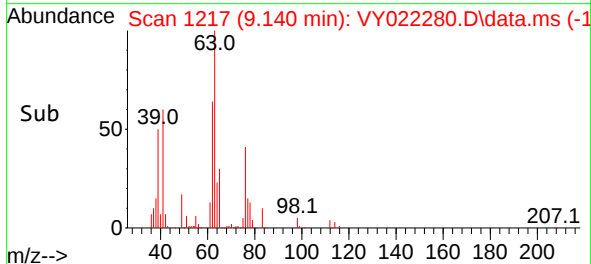
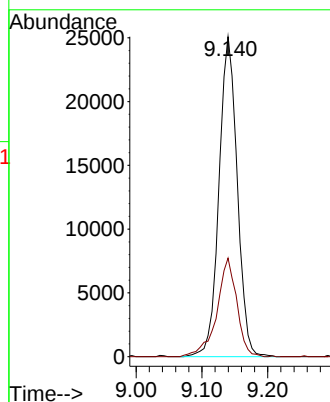
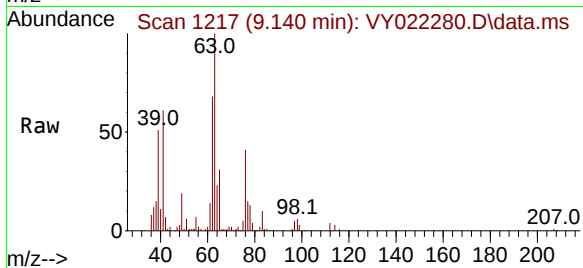
VY0516SBS01

Tgt Ion: 63 Resp: 48446

Ion Ratio Lower Upper

63 100

65 30.8 25.7 38.5



#46

Dibromomethane

Concen: 20.207 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

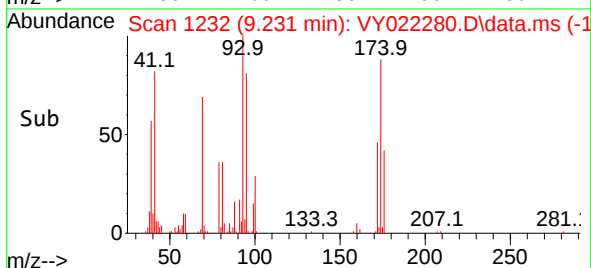
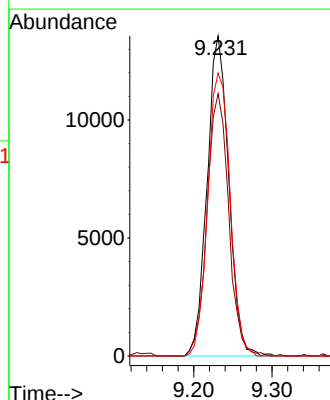
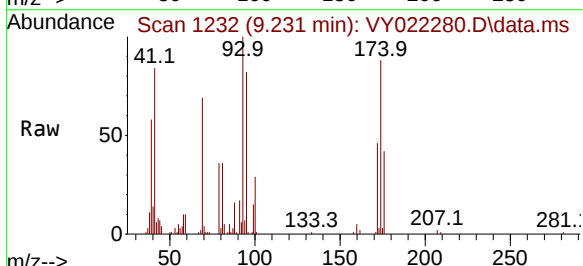
Tgt Ion: 93 Resp: 25997

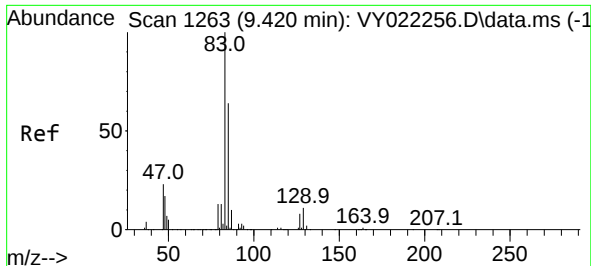
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

174 91.3 74.3 111.5





#47

Bromodichloromethane

Concen: 20.253 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

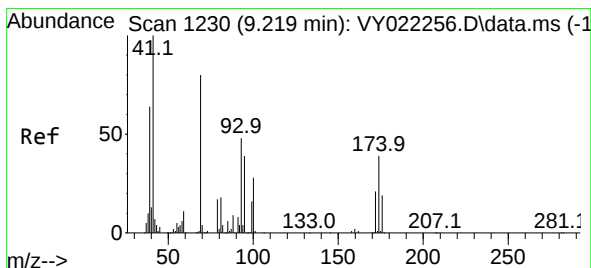
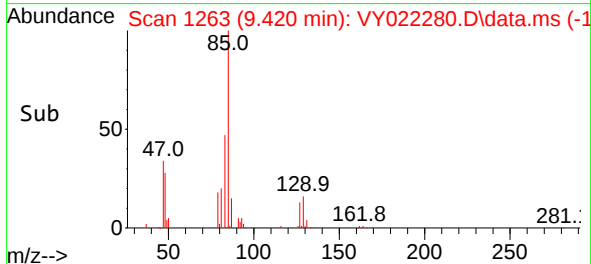
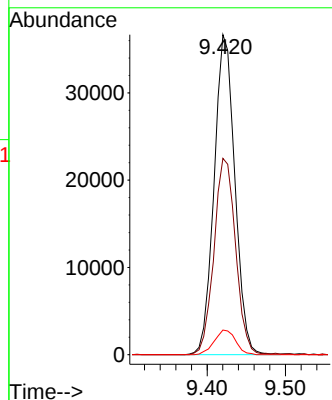
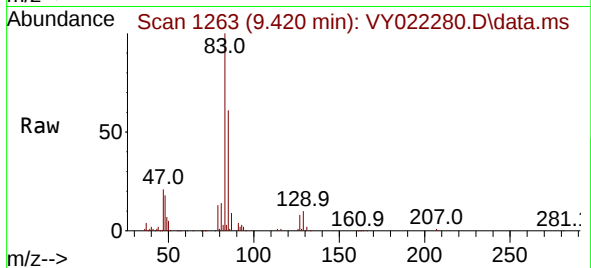
Tgt Ion: 83 Resp: 67595

Ion Ratio Lower Upper

83 100

85 61.4 51.1 76.7

127 7.7 6.6 10.0



#48

Methyl methacrylate

Concen: 18.491 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

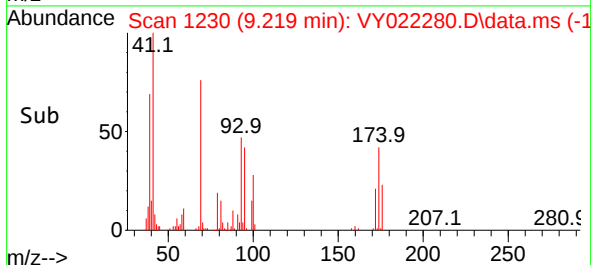
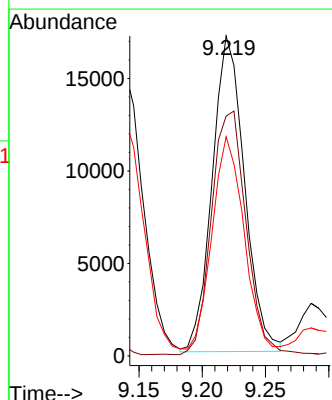
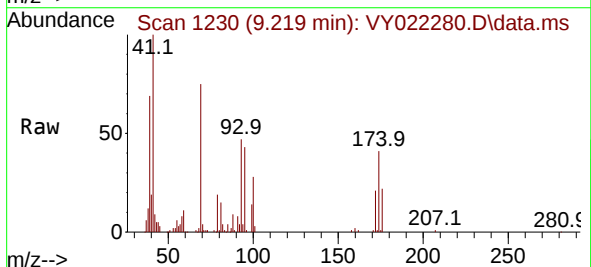
Tgt Ion: 41 Resp: 30284

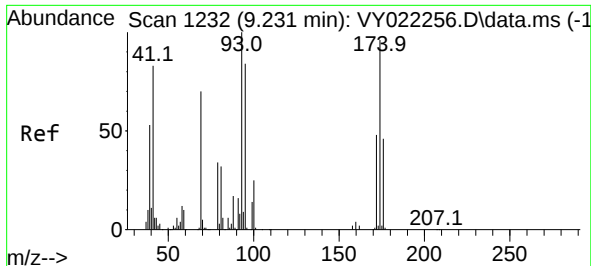
Ion Ratio Lower Upper

41 100

69 83.6 63.5 95.3

39 66.1 50.8 76.2





#49

1,4-Dioxane

Concen: 419.019 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

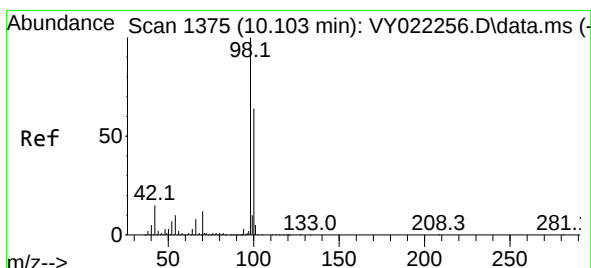
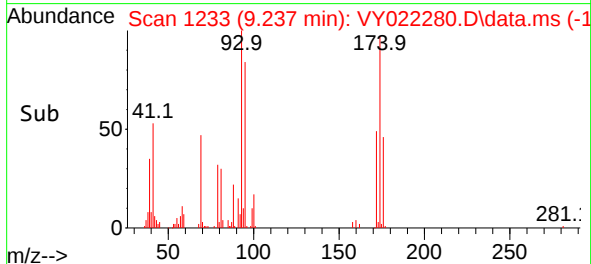
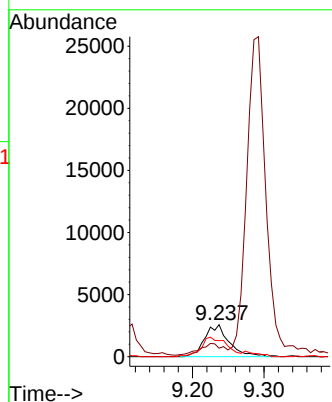
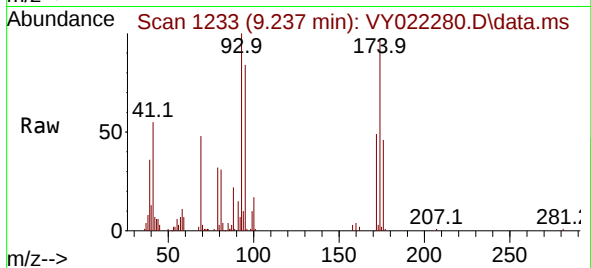
Tgt Ion: 88 Resp: 6090

Ion Ratio Lower Upper

88 100

43 35.5 28.5 42.7

58 64.1 61.4 92.2



#50

Toluene-d8

Concen: 50.612 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022280.D

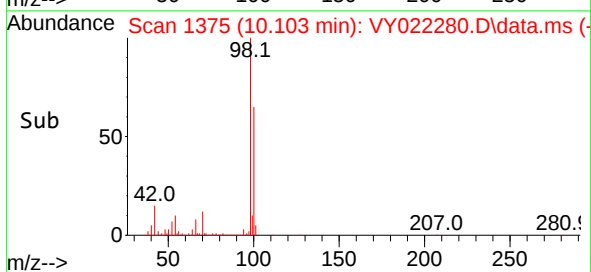
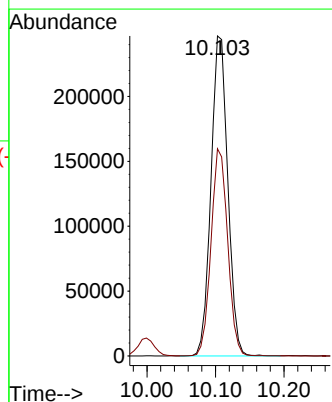
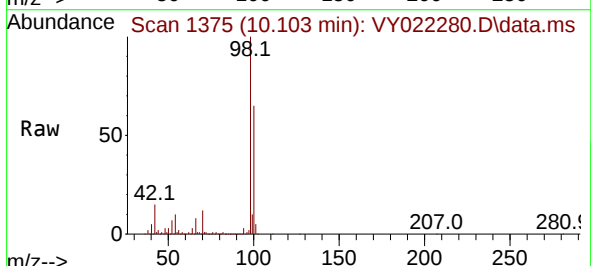
Acq: 16 May 2025 10:32

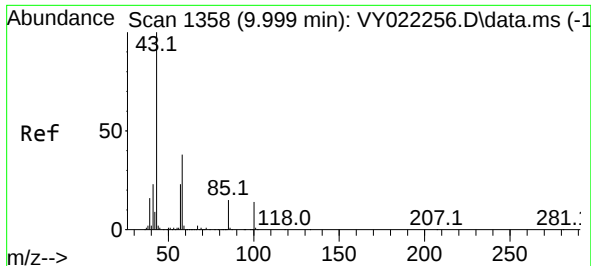
Tgt Ion: 98 Resp: 419998

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8

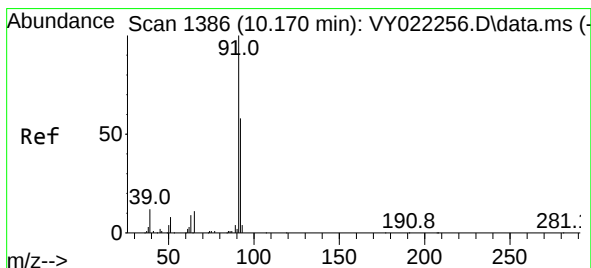
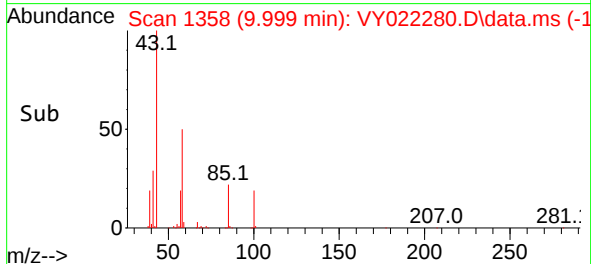
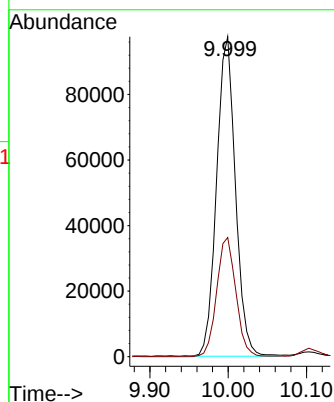
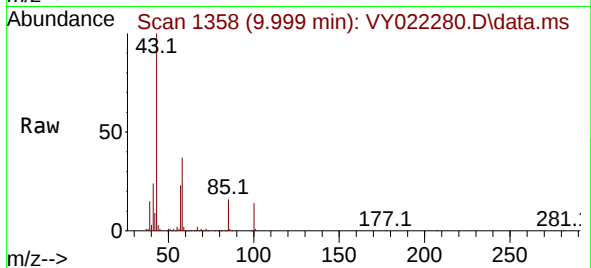




#51
4-Methyl-2-Pentanone
Concen: 94.864 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

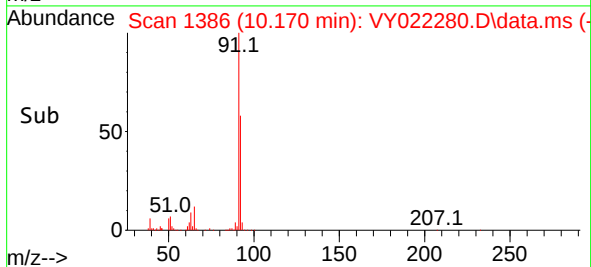
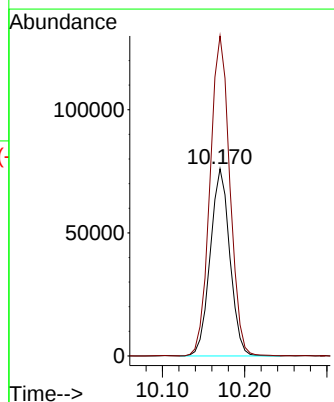
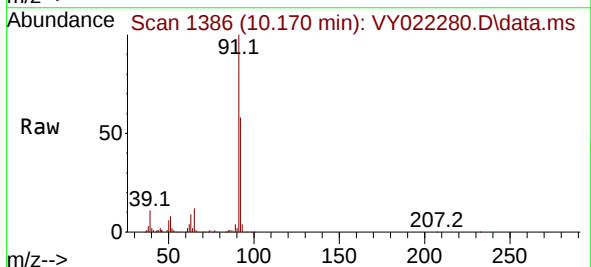
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

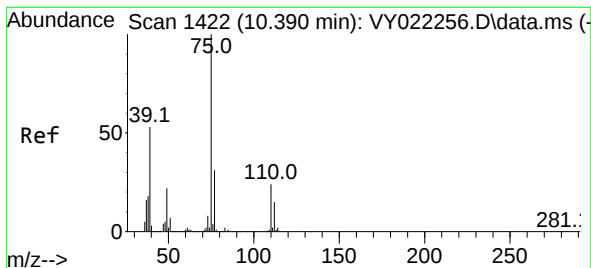
Tgt Ion: 43 Resp: 163009
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2



#52
Toluene
Concen: 20.083 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 92 Resp: 125822
Ion Ratio Lower Upper
92 100
91 172.9 139.1 208.7

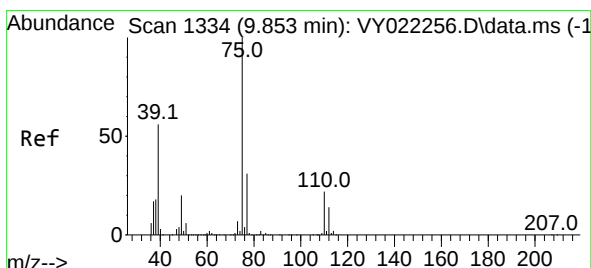
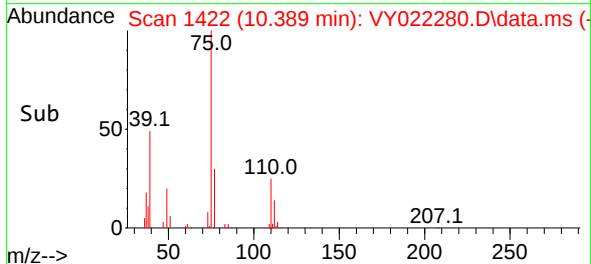
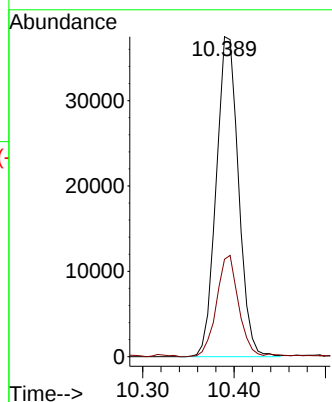
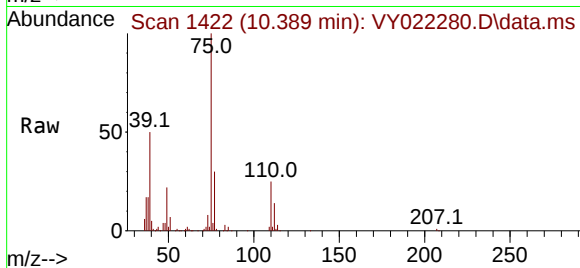




#53
 t-1,3-Dichloropropene
 Concen: 19.510 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

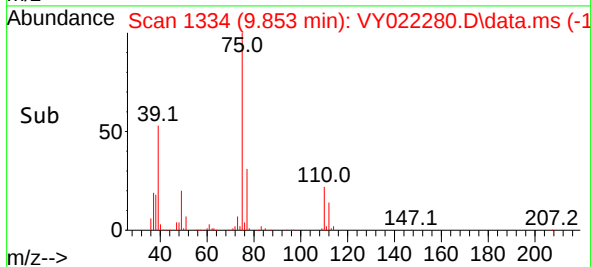
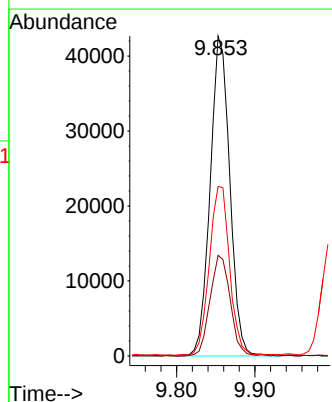
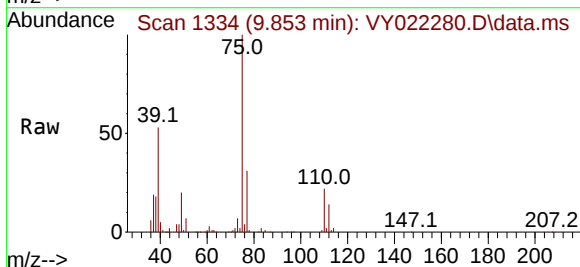
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBSD01

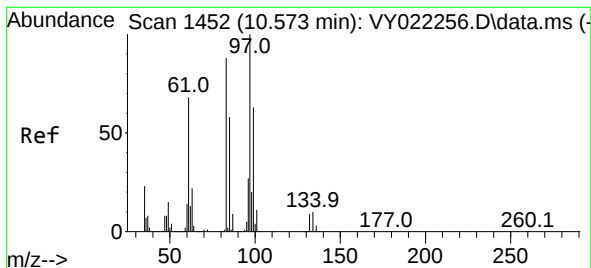
Tgt Ion: 75 Resp: 63546
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.896 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 75 Resp: 74247
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 52.6 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.000 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

Tgt Ion: 97 Resp: 32948

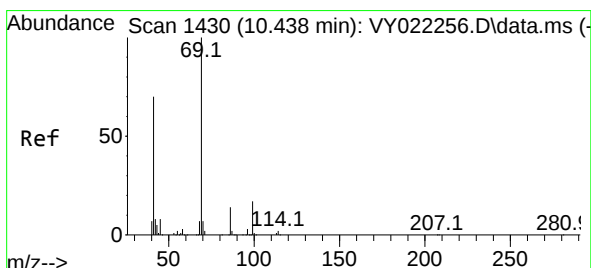
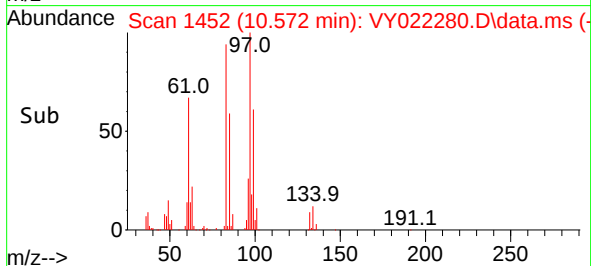
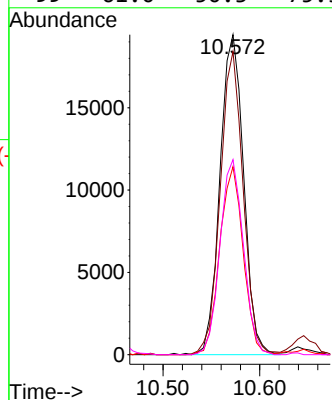
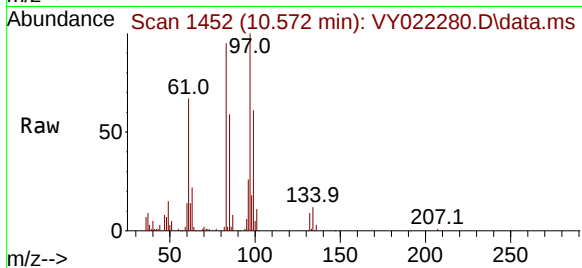
Ion Ratio Lower Upper

97 100

83 94.8 70.3 105.5

85 58.7 46.2 69.4

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.209 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

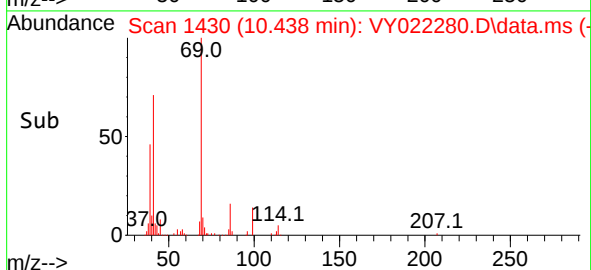
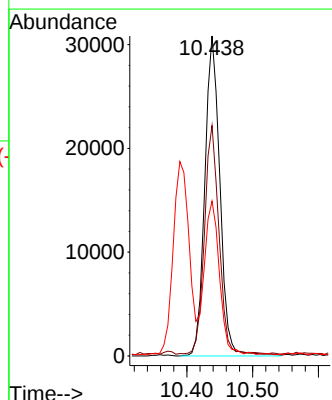
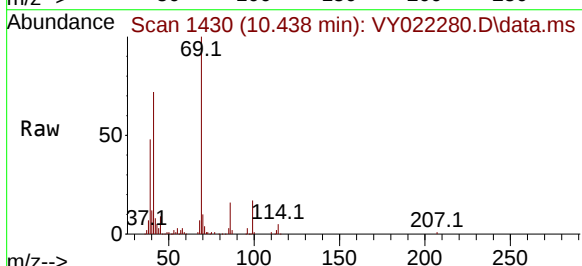
Tgt Ion: 69 Resp: 49294

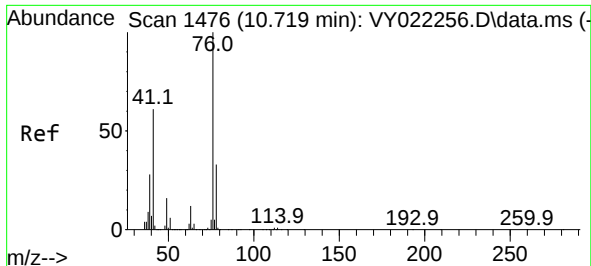
Ion Ratio Lower Upper

69 100

41 67.9 56.5 84.7

39 47.5 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.249 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

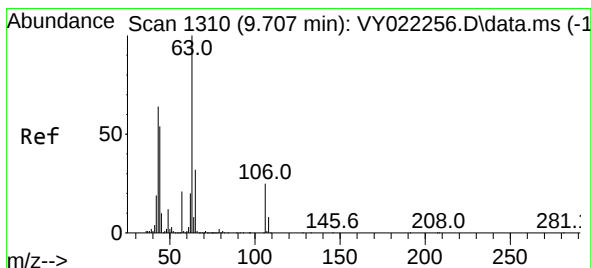
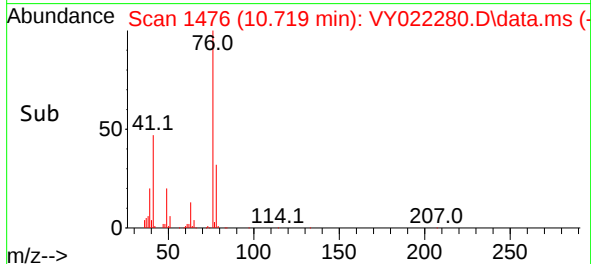
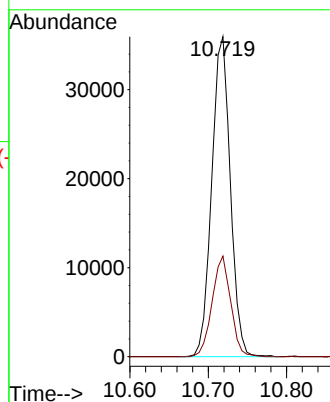
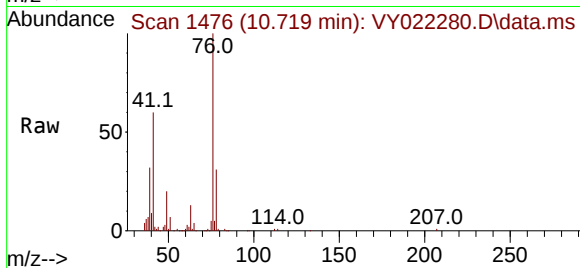
VY0516SBSD01

Tgt Ion: 76 Resp: 59270

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.956 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022280.D

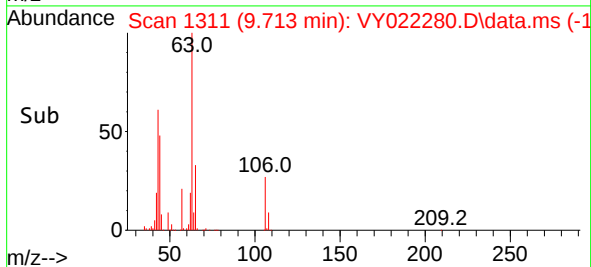
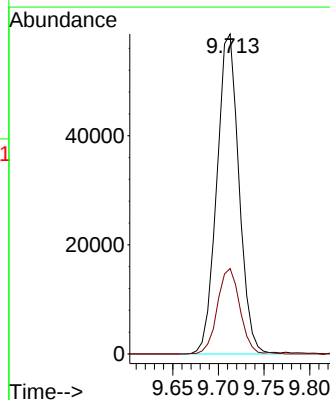
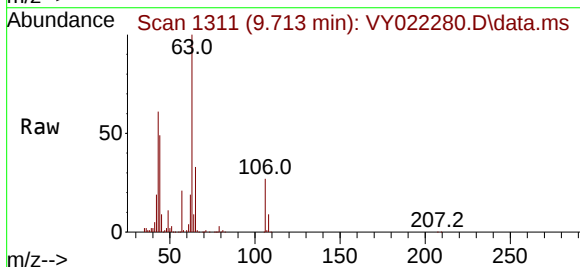
Acq: 16 May 2025 10:32

Tgt Ion: 63 Resp: 99008

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.4

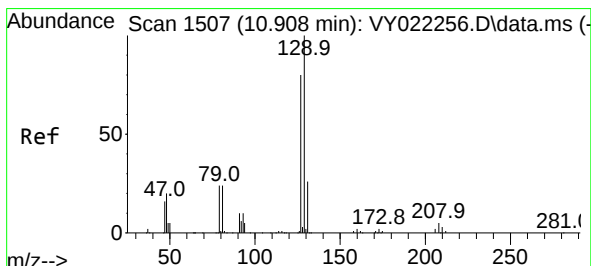
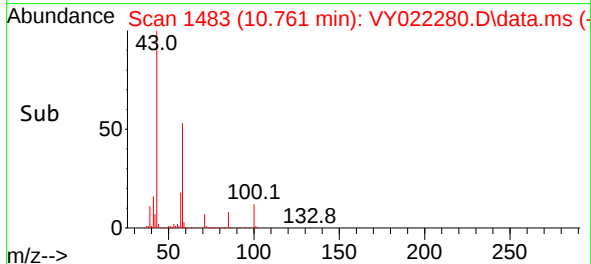
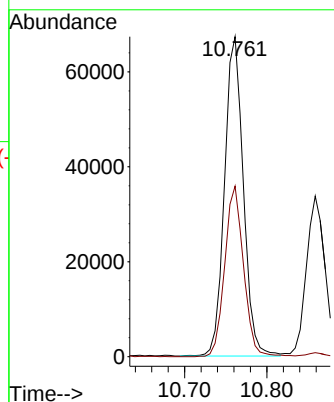
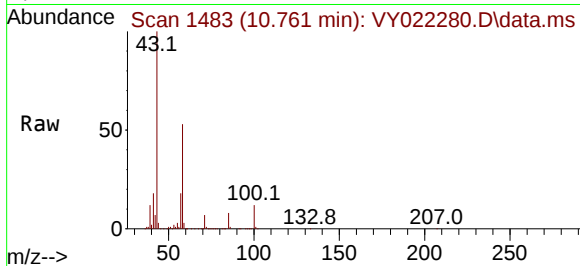




#59
2-Hexanone
Concen: 92.824 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

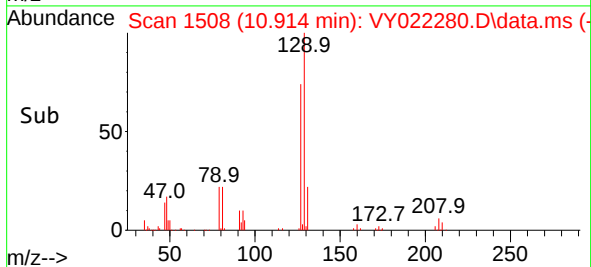
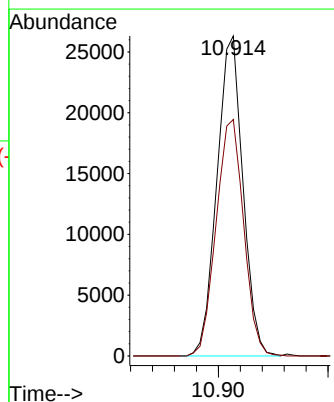
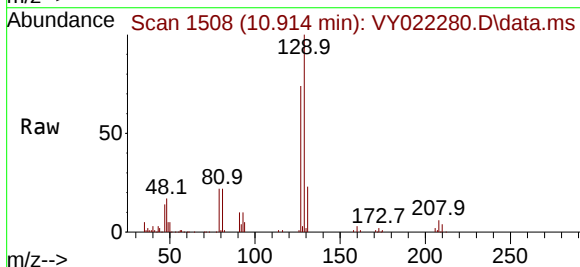
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

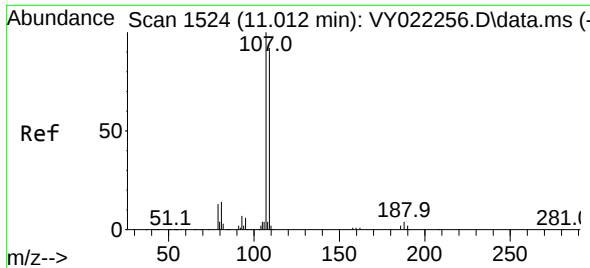
Tgt Ion: 43 Resp: 106944
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.3



#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 129 Resp: 43309
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7

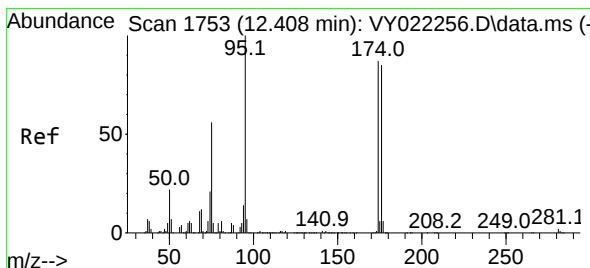
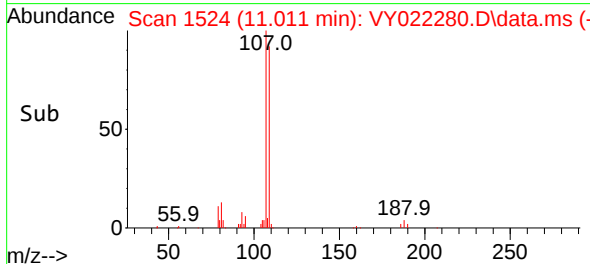
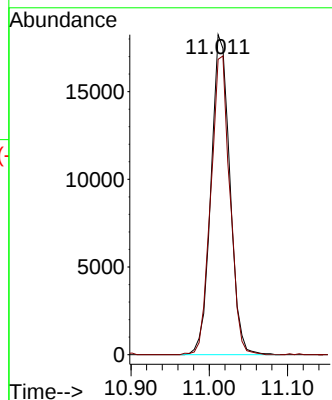
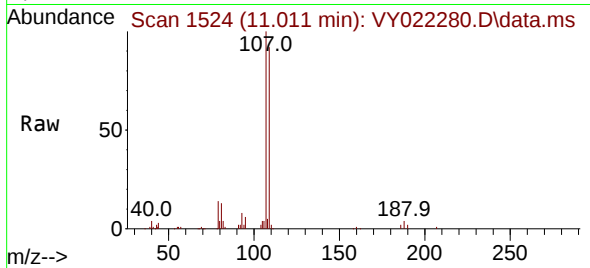




#61
1,2-Dibromoethane
Concen: 19.847 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

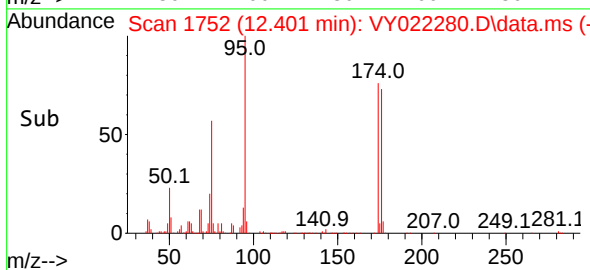
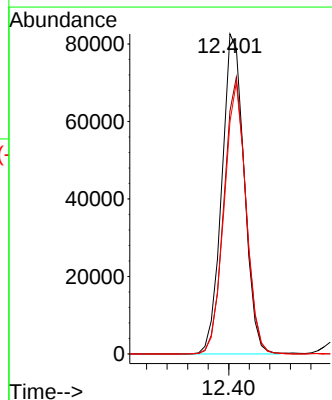
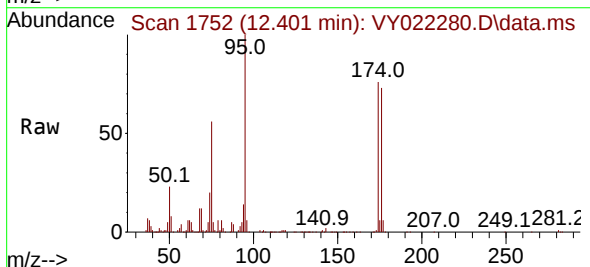
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

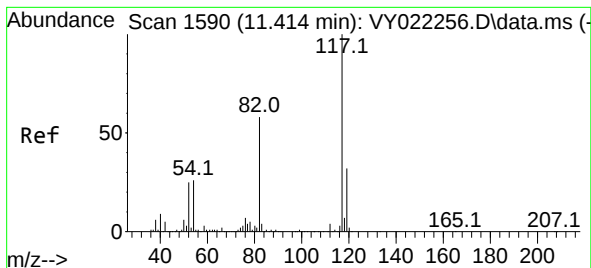
Tgt Ion:107 Resp: 30475
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.336 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 95 Resp: 124508
Ion Ratio Lower Upper
95 100
174 84.8 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

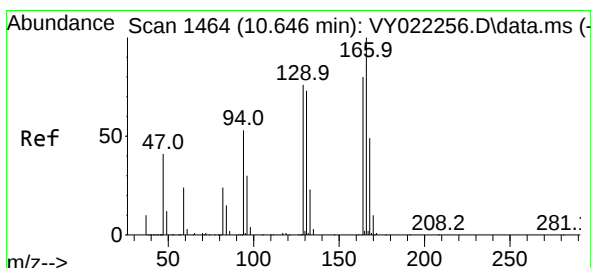
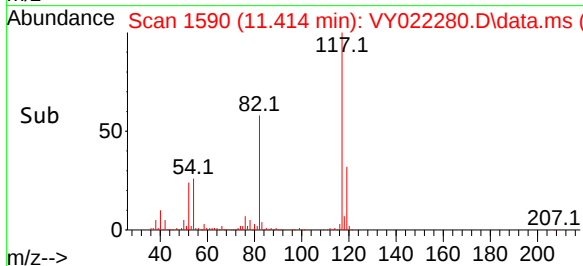
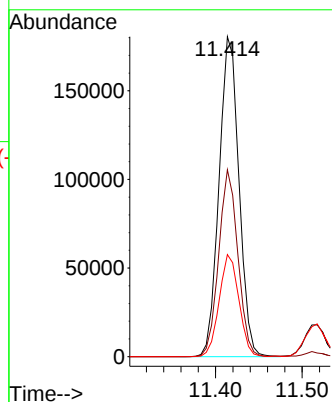
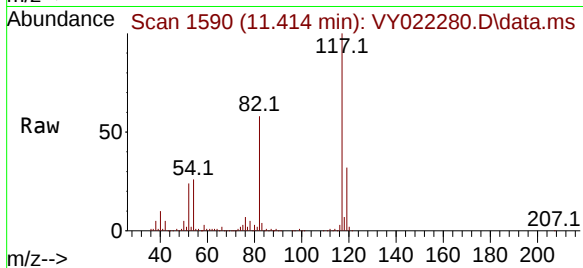
Tgt Ion:117 Resp: 288167

Ion Ratio Lower Upper

117 100

82 58.4 46.6 70.0

119 31.9 25.8 38.6



#64

Tetrachloroethene

Concen: 20.400 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:164 Resp: 54336

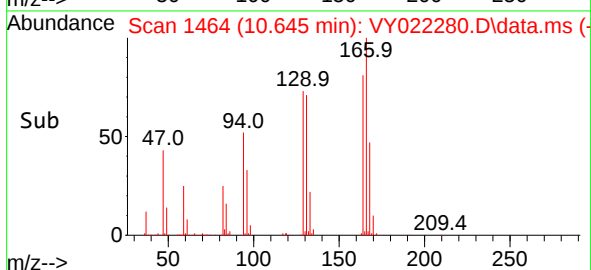
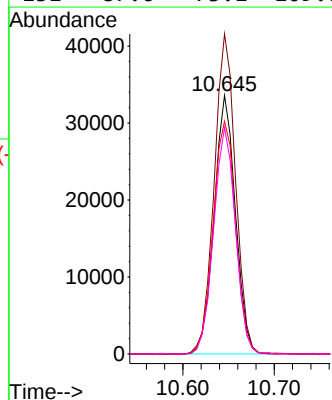
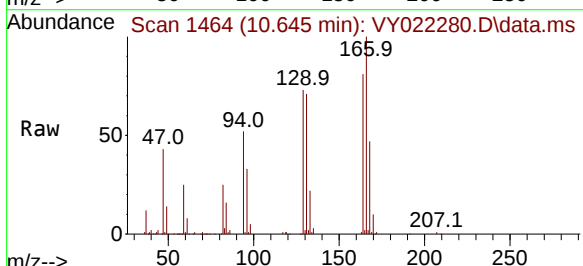
Ion Ratio Lower Upper

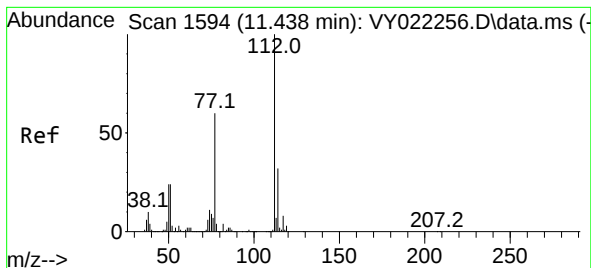
164 100

166 123.8 100.4 150.6

129 90.1 76.4 114.6

131 87.6 73.1 109.7





#65

Chlorobenzene

Concen: 20.209 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

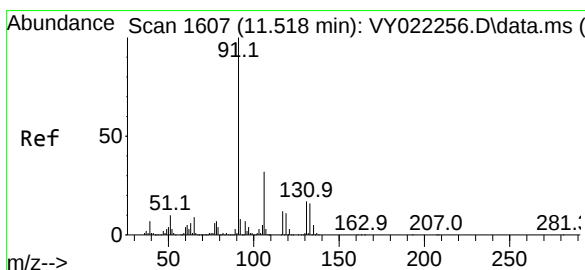
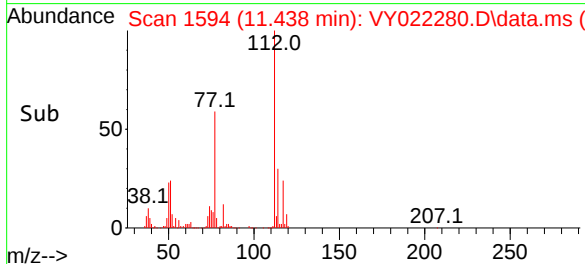
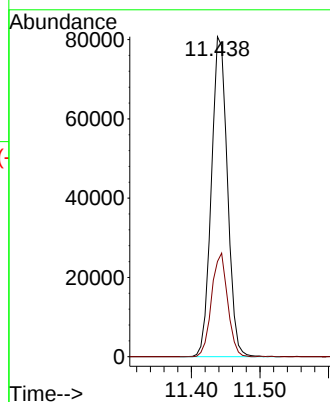
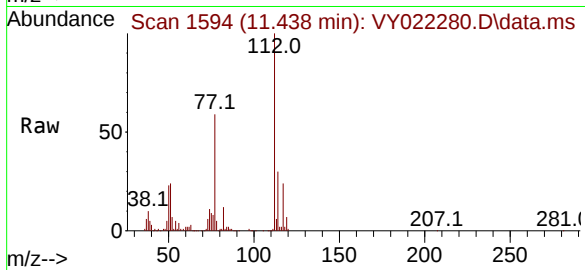
VY0516SBS01

Tgt Ion:112 Resp: 131384

Ion Ratio Lower Upper

112 100

114 29.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.334 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

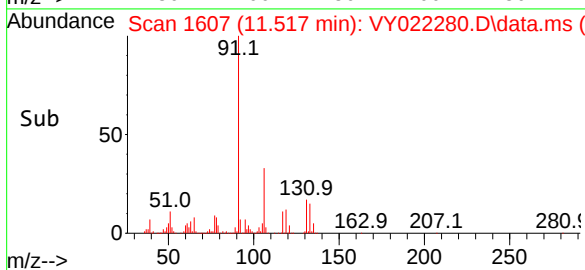
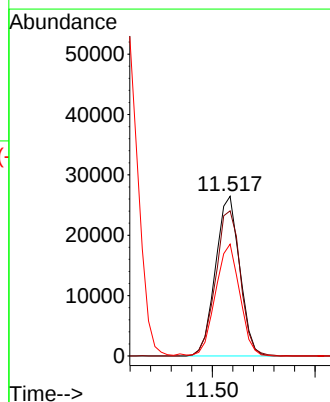
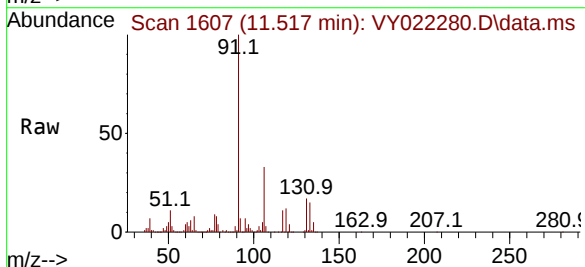
Tgt Ion:131 Resp: 43212

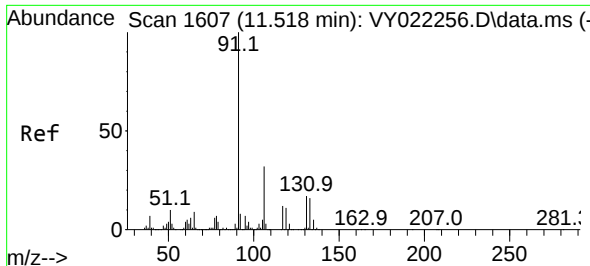
Ion Ratio Lower Upper

131 100

133 93.5 47.3 141.9

119 70.7 33.1 99.2





#67

Ethyl Benzene

Concen: 19.915 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

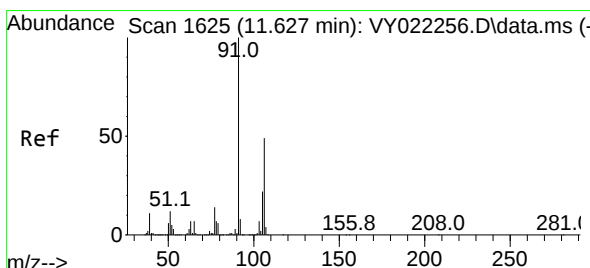
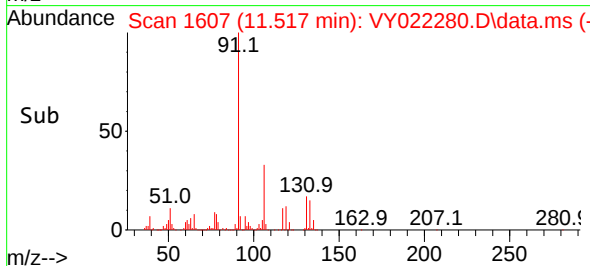
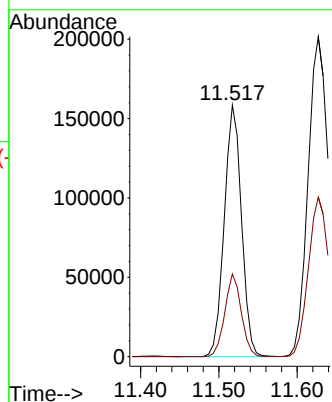
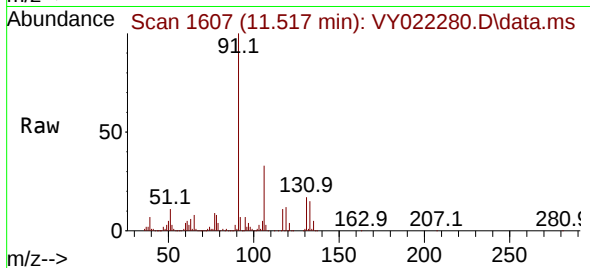
VY0516SBSD01

Tgt Ion: 91 Resp: 242474

Ion Ratio Lower Upper

91 100

106 32.9 25.4 38.0



#68

m/p-Xylenes

Concen: 39.468 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022280.D

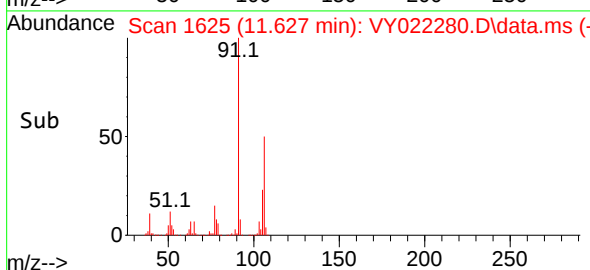
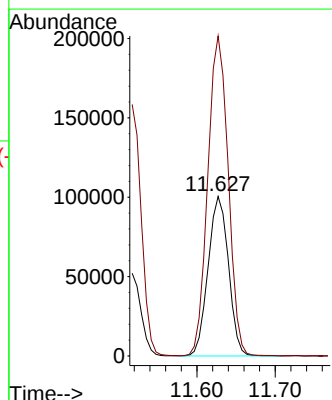
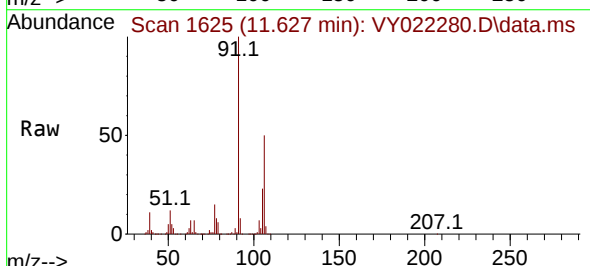
Acq: 16 May 2025 10:32

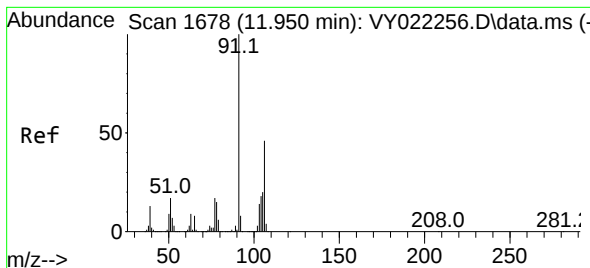
Tgt Ion:106 Resp: 181081

Ion Ratio Lower Upper

106 100

91 201.6 163.0 244.4





#69

o-Xylene

Concen: 19.666 ug/l

RT: 11.956 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

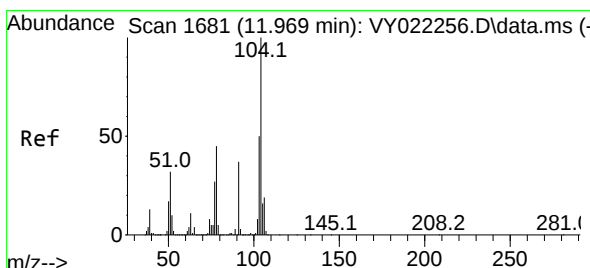
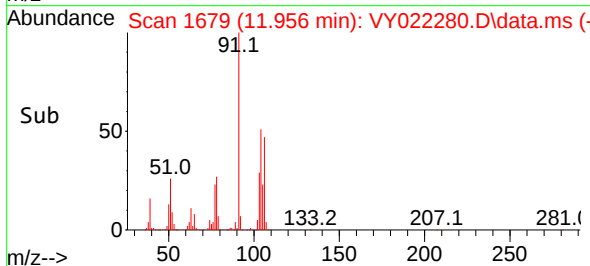
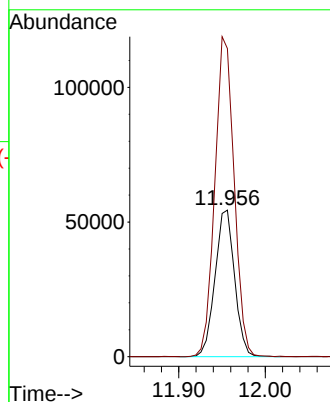
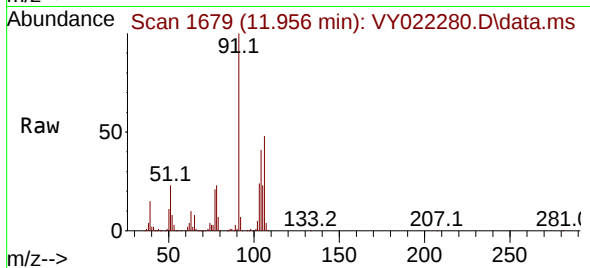
VY0516SBSD01

Tgt Ion:106 Resp: 85366

Ion Ratio Lower Upper

106 100

91 215.6 108.3 324.8



#70

Styrene

Concen: 19.413 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

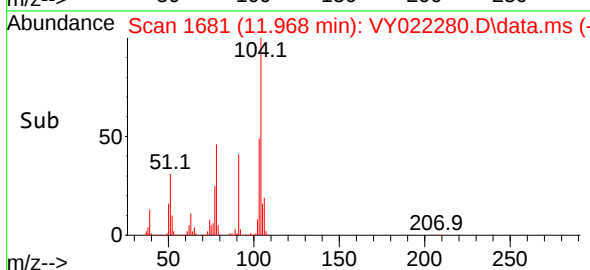
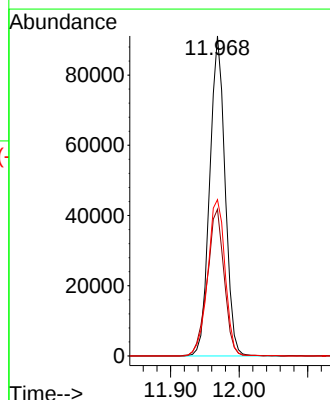
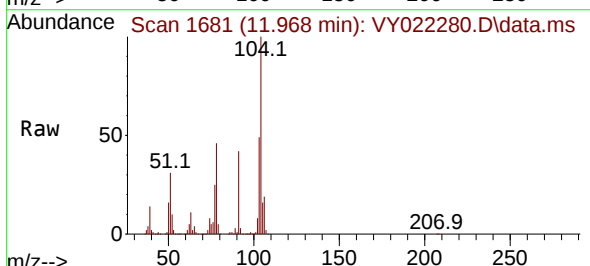
Tgt Ion:104 Resp: 142146

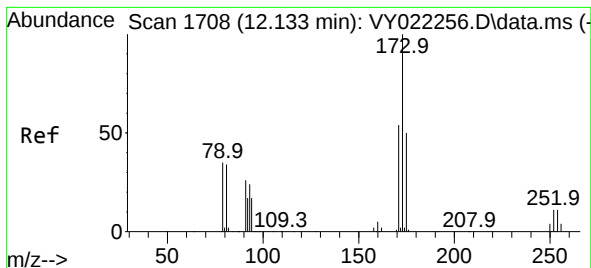
Ion Ratio Lower Upper

104 100

78 50.7 40.9 61.3

103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.164 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

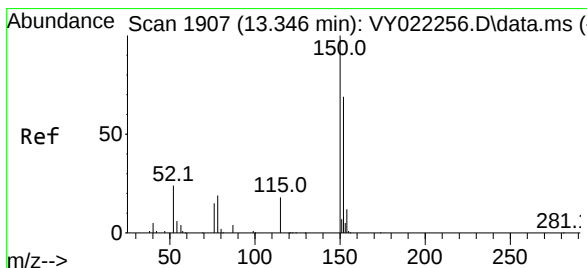
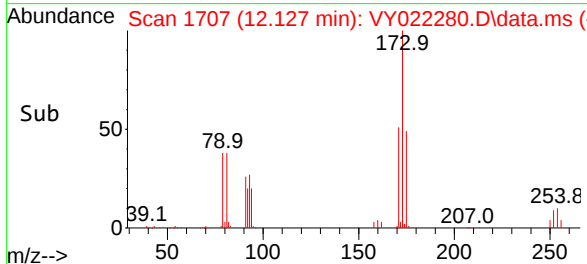
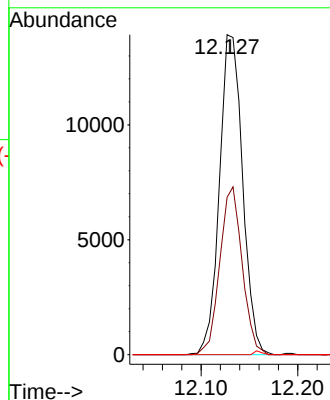
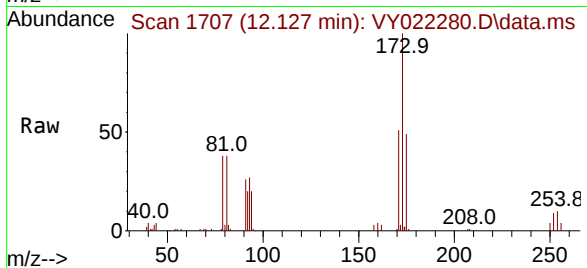
Tgt Ion:173 Resp: 23119

Ion Ratio Lower Upper

173 100

175 50.7 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

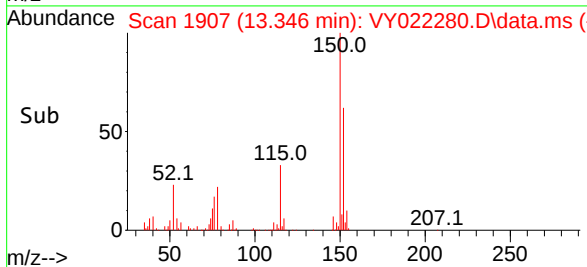
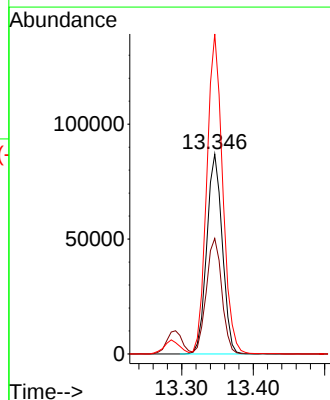
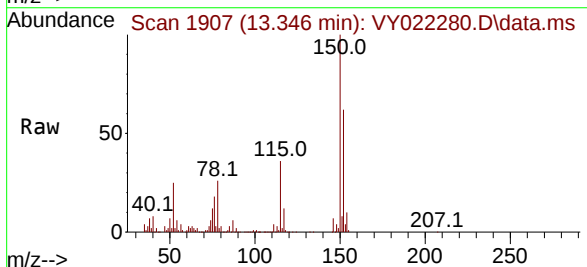
Tgt Ion:152 Resp: 130982

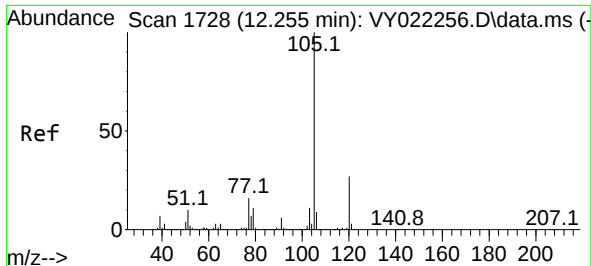
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 163.7 0.0 353.8

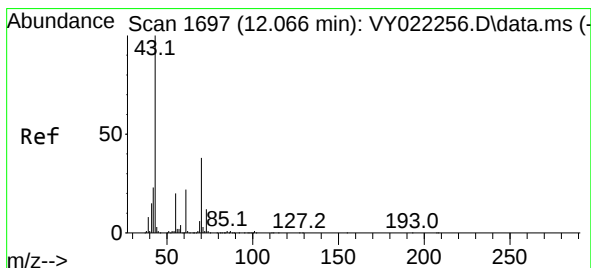
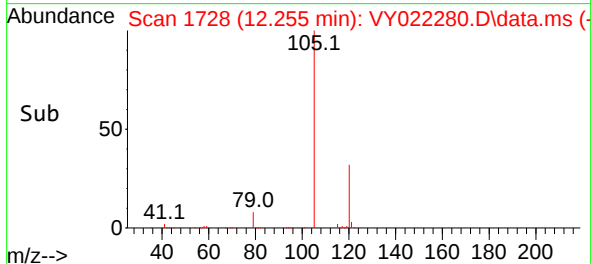
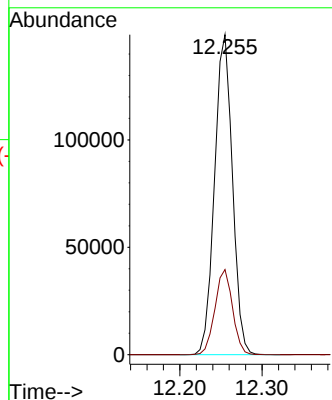
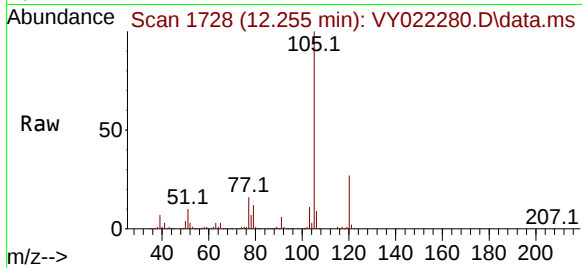




#73
Isopropylbenzene
Concen: 20.716 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

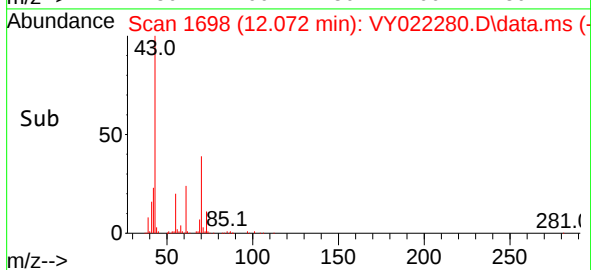
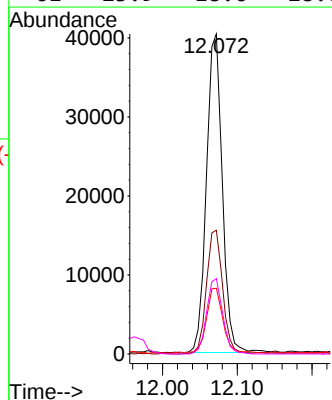
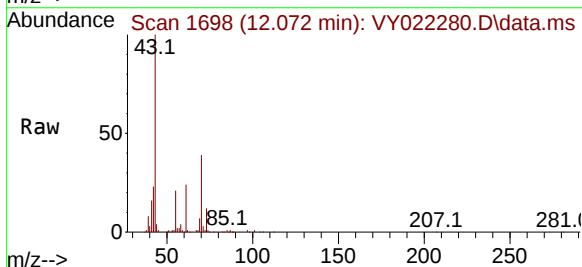
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

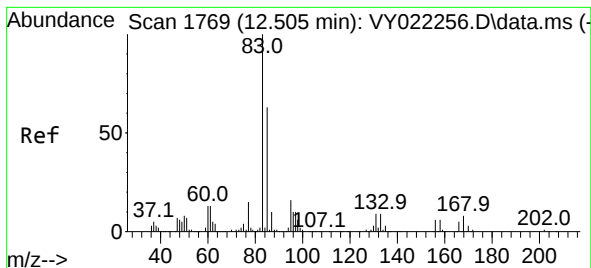
Tgt Ion:105 Resp: 224799
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 19.183 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 43 Resp: 59534
Ion Ratio Lower Upper
43 100
70 39.6 31.4 47.0
55 21.2 17.0 25.6
61 23.9 18.6 28.0





#75

1,1,2-Tetrachloroethane

Concen: 21.012 ug/l

RT: 12.505 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

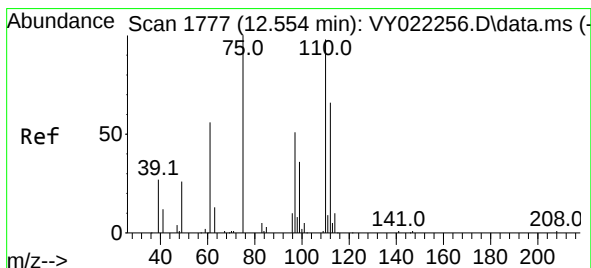
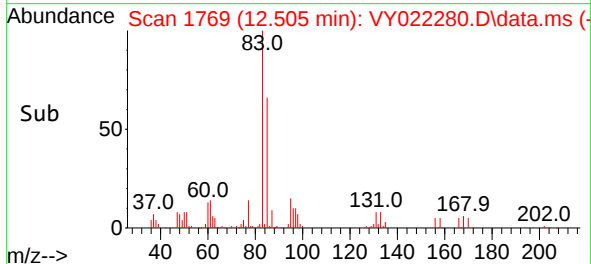
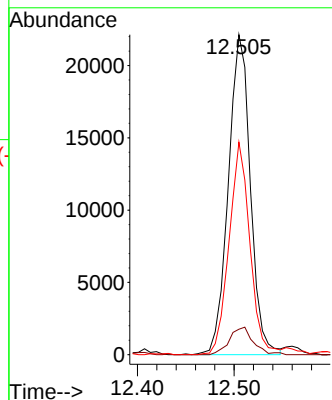
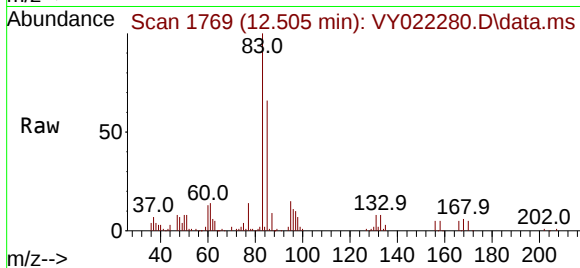
Tgt Ion: 83 Resp: 35066

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.492 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022280.D

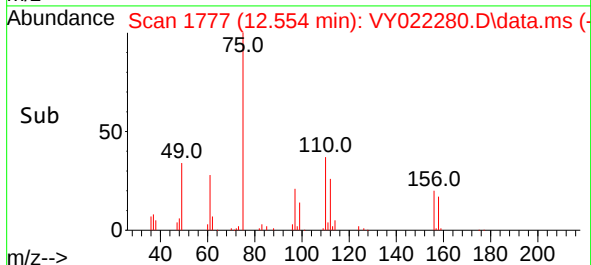
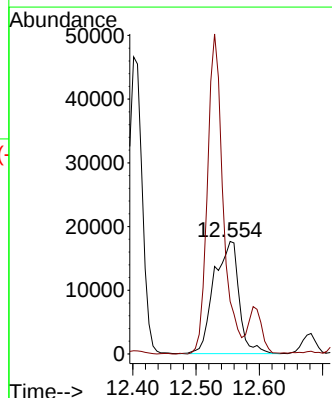
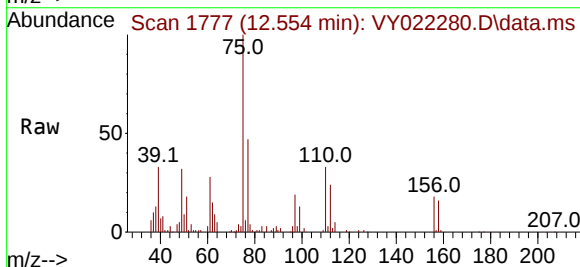
Acq: 16 May 2025 10:32

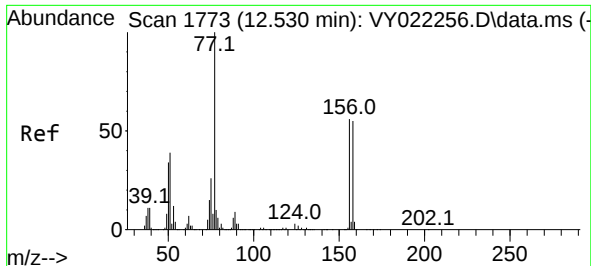
Tgt Ion: 75 Resp: 48425

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

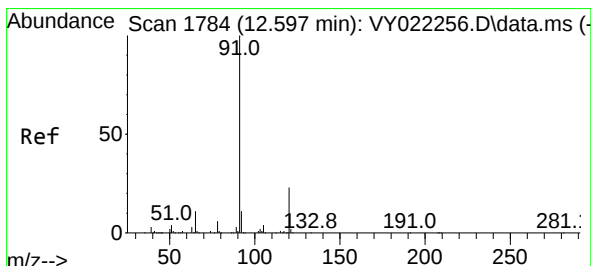
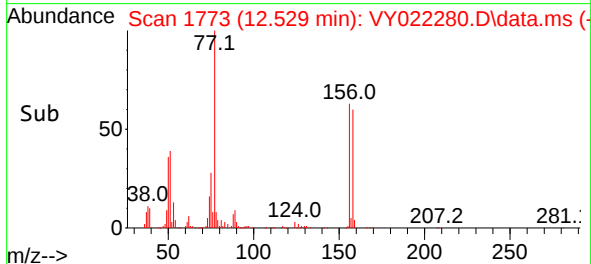
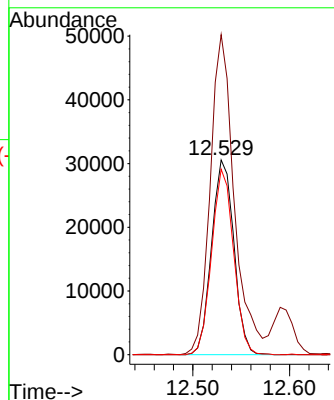
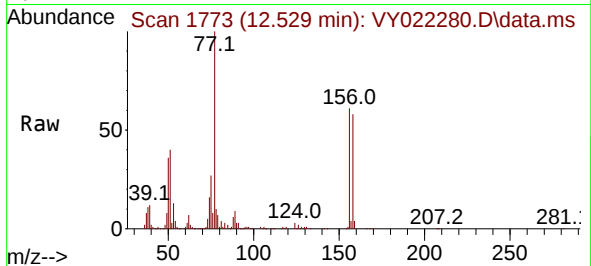




#77
Bromobenzene
Concen: 21.127 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

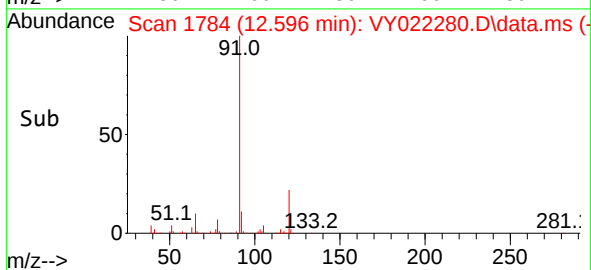
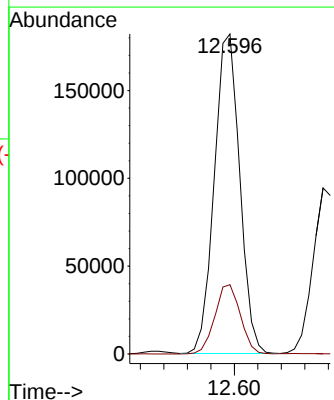
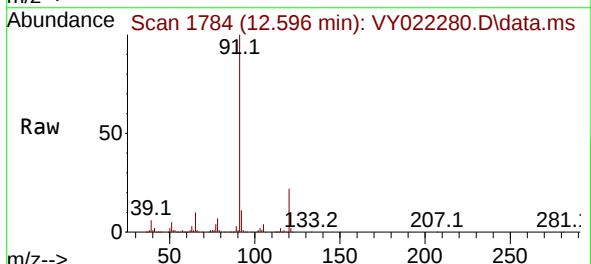
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

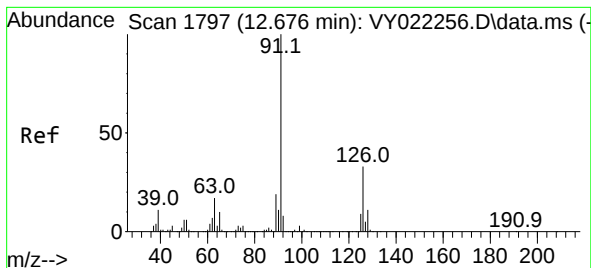
Tgt Ion:156 Resp: 48963
Ion Ratio Lower Upper
156 100
77 176.9 94.5 283.6
158 93.8 48.4 145.3



#78
n-propylbenzene
Concen: 20.873 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion: 91 Resp: 273198
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.603 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

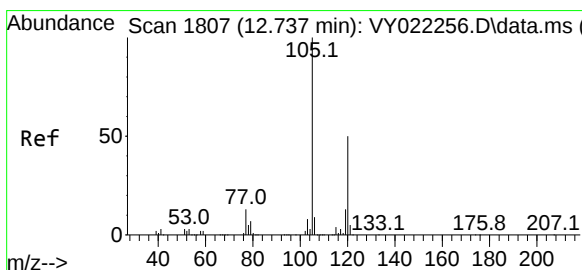
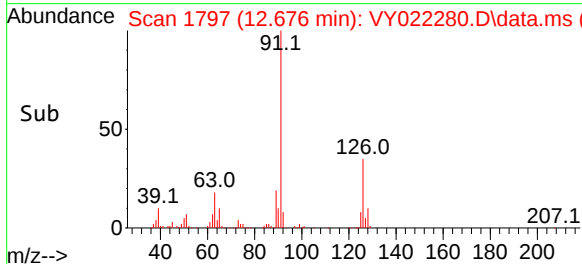
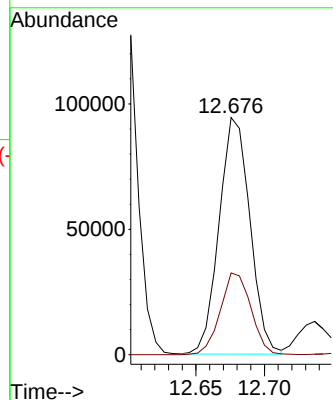
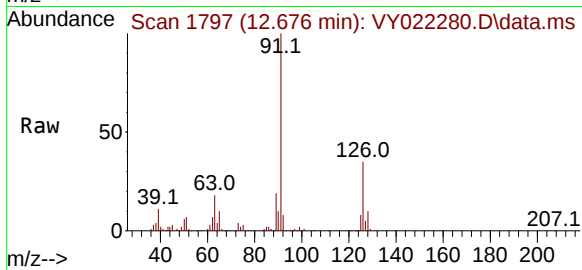
VY0516SBS01

Tgt Ion: 91 Resp: 148194

Ion Ratio Lower Upper

91 100

126 34.2 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 20.340 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022280.D

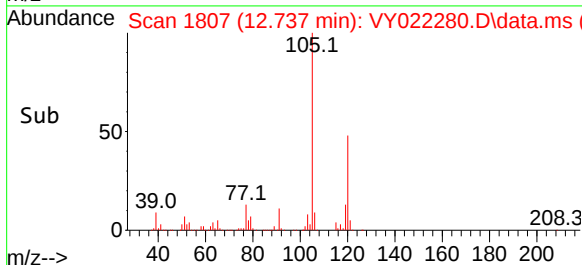
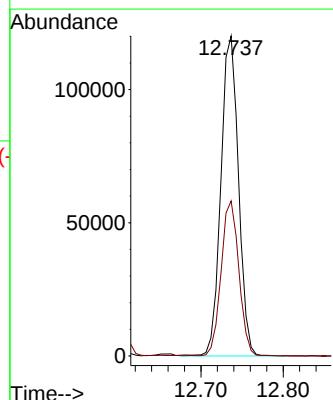
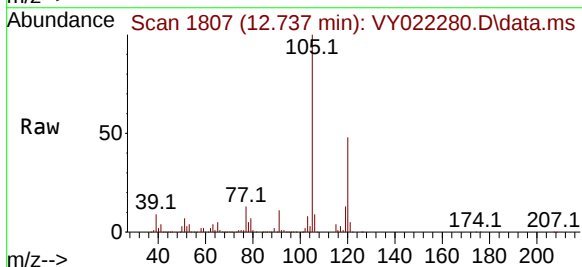
Acq: 16 May 2025 10:32

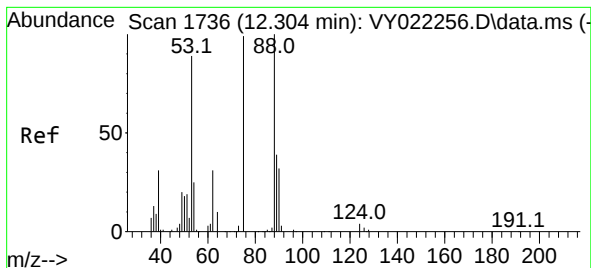
Tgt Ion: 105 Resp: 178171

Ion Ratio Lower Upper

105 100

120 49.0 24.2 72.6

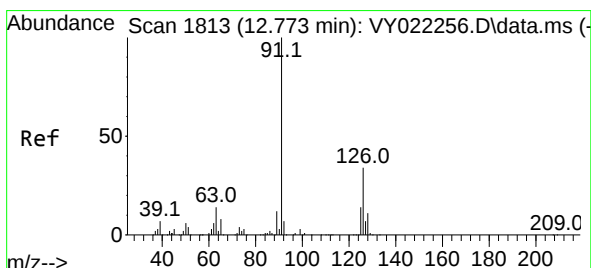
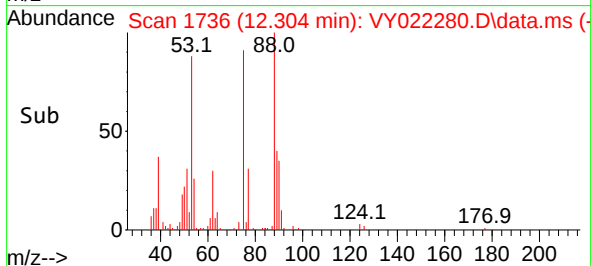
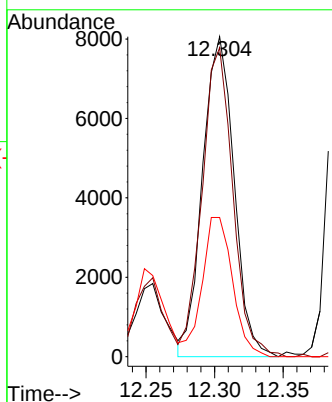
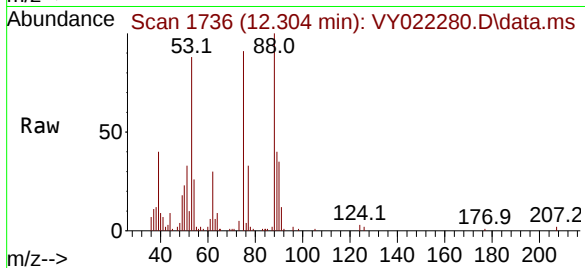




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.607 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

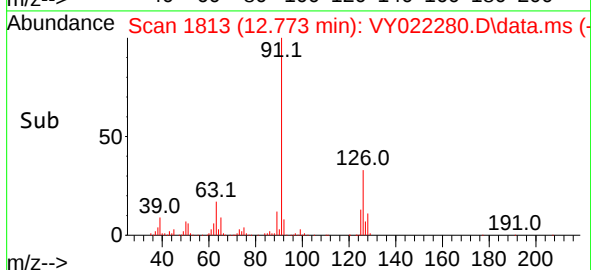
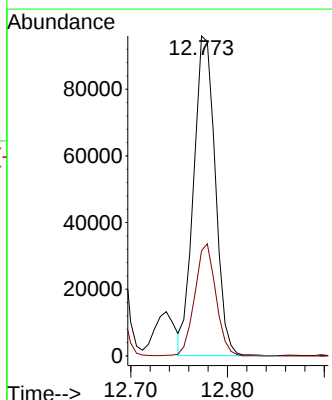
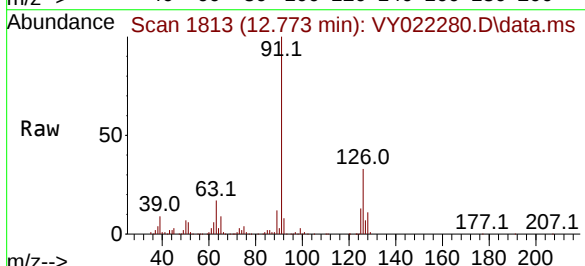
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBSD01

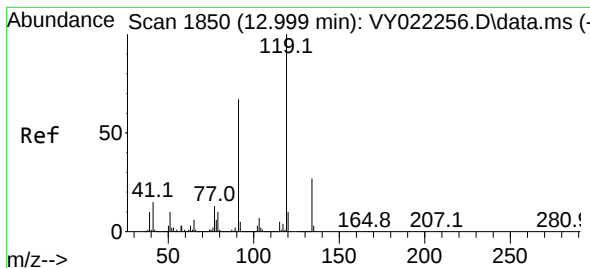
Tgt Ion: 75 Resp: 12844
 Ion Ratio Lower Upper
 75 100
 53 94.7 75.8 113.8
 89 42.5 36.2 54.2



#82
 4-Chlorotoluene
 Concen: 20.114 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VY022280.D
 Acq: 16 May 2025 10:32

Tgt Ion: 91 Resp: 148810
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.822 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

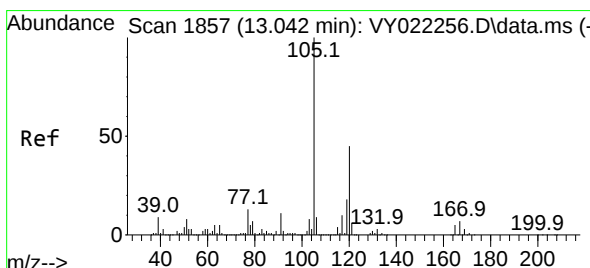
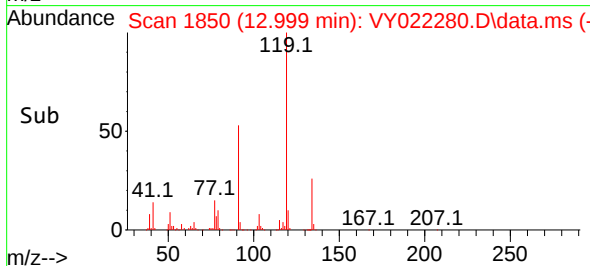
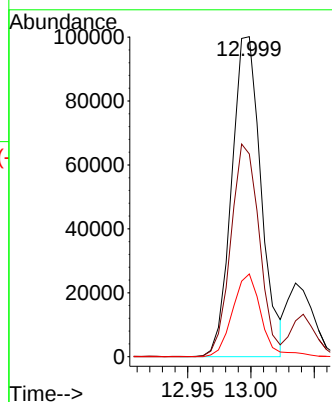
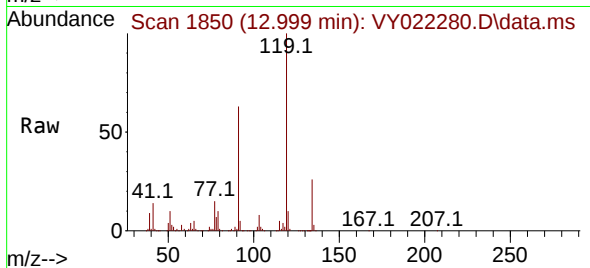
Tgt Ion:119 Resp: 162109

Ion Ratio Lower Upper

119 100

91 64.4 32.8 98.3

134 25.1 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 20.414 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022280.D

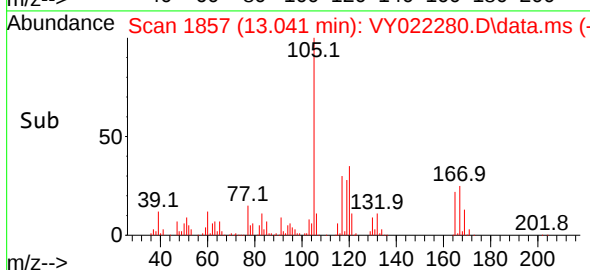
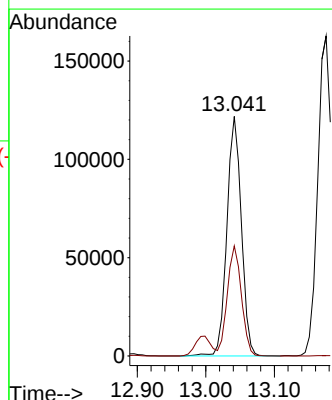
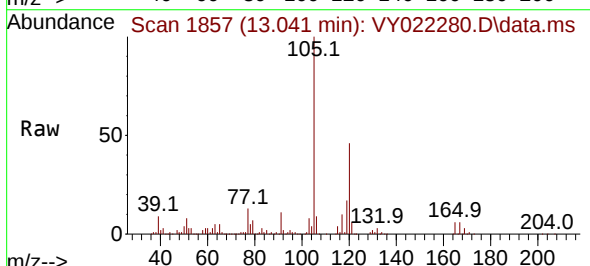
Acq: 16 May 2025 10:32

Tgt Ion:105 Resp: 177507

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.676 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

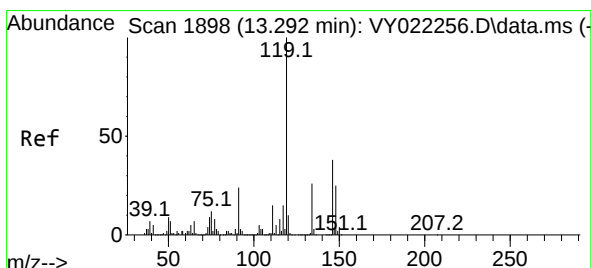
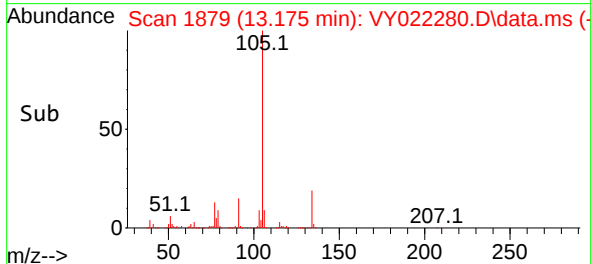
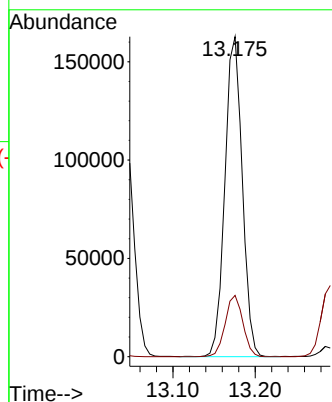
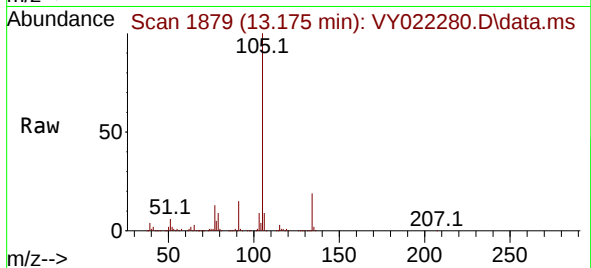
VY0516SBS01

Tgt Ion:105 Resp: 238957

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 20.491 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

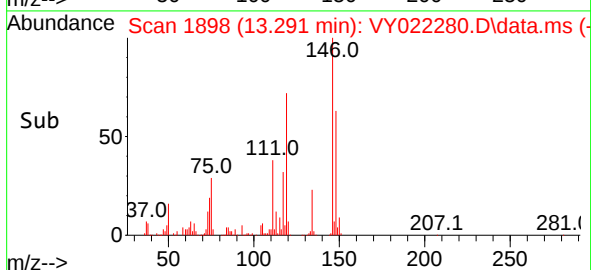
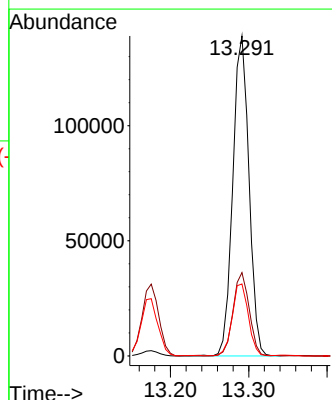
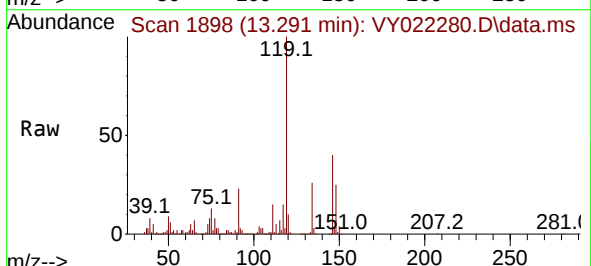
Tgt Ion:119 Resp: 199175

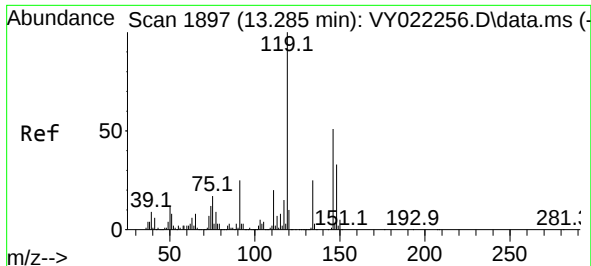
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 22.4 12.1 36.3

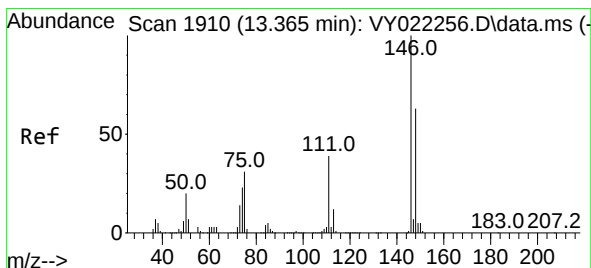
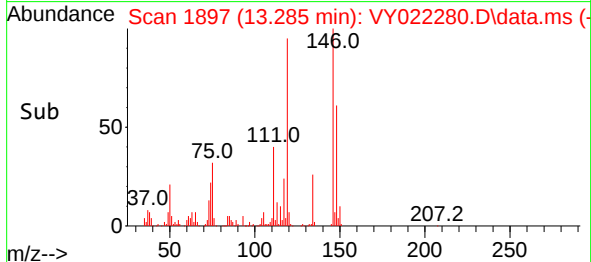
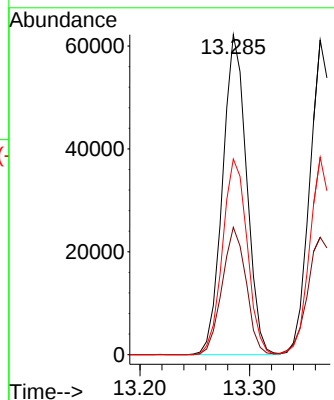
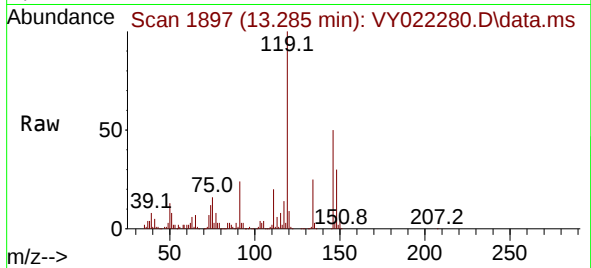




#87
1,3-Dichlorobenzene
Concen: 19.994 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

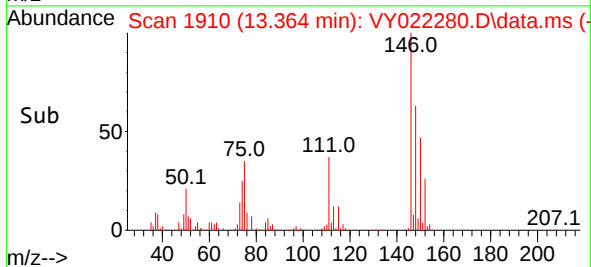
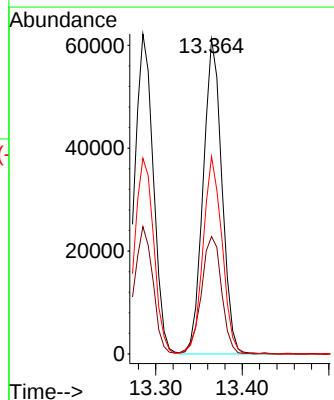
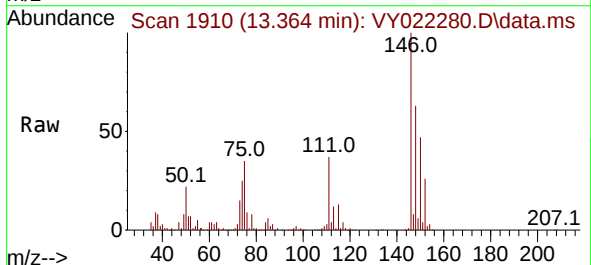
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

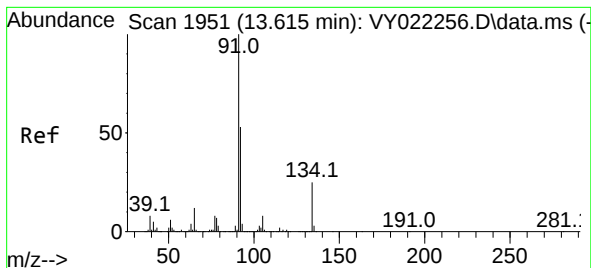
Tgt Ion:146 Resp: 94598
Ion Ratio Lower Upper
146 100
111 39.6 19.9 59.7
148 62.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.212 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:146 Resp: 91982
Ion Ratio Lower Upper
146 100
111 40.1 20.0 59.9
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 20.639 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD01

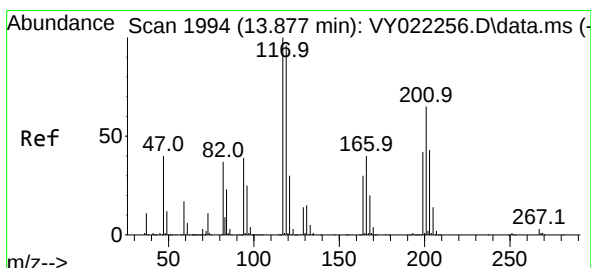
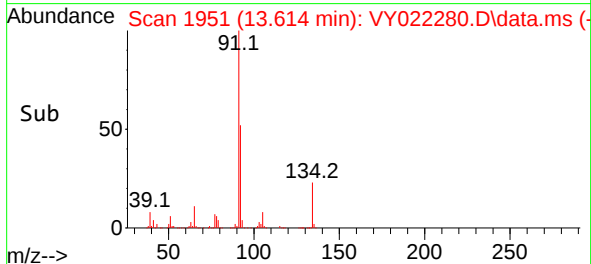
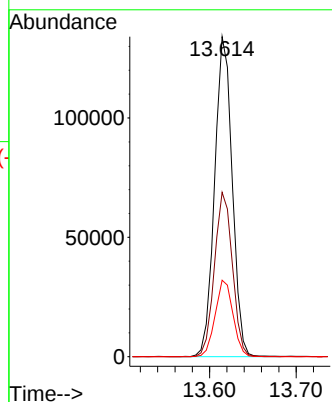
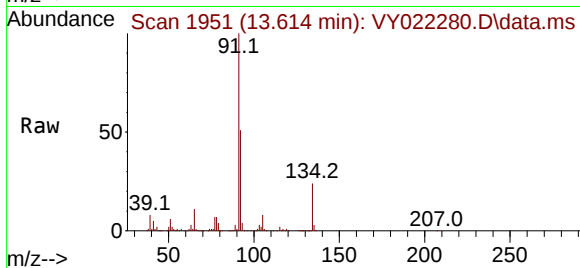
Tgt Ion: 91 Resp: 189787

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 24.1 12.4 37.4



#90

Hexachloroethane

Concen: 20.602 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022280.D

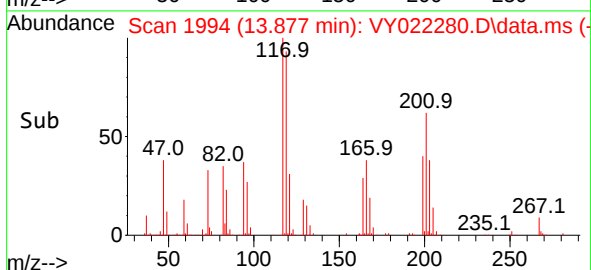
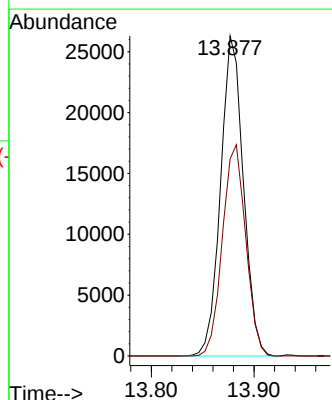
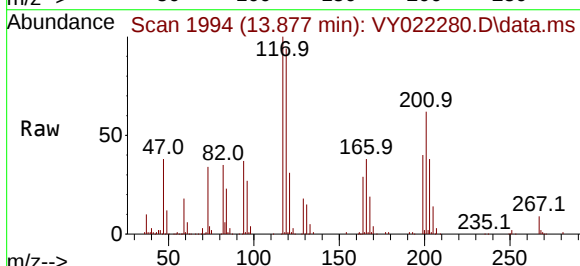
Acq: 16 May 2025 10:32

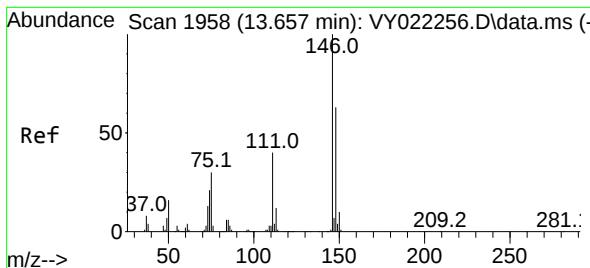
Tgt Ion: 117 Resp: 40423

Ion Ratio Lower Upper

117 100

201 67.7 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 20.132 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

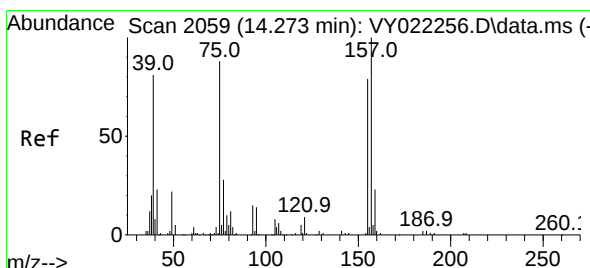
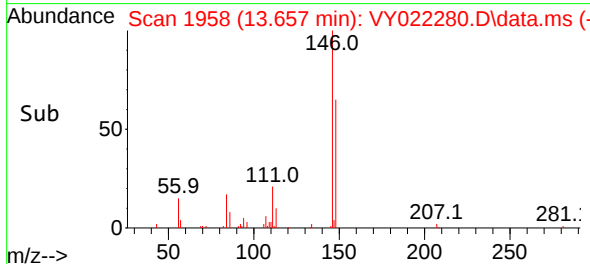
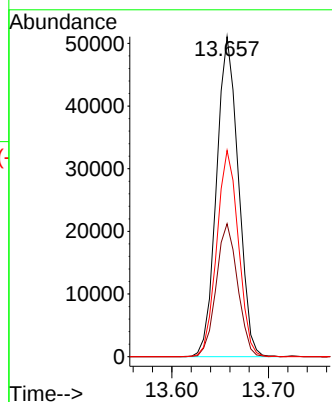
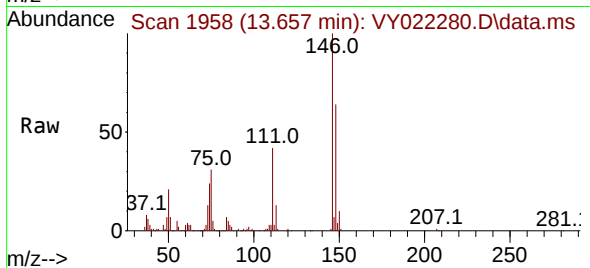
Tgt Ion:146 Resp: 80005

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.5

148 63.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.264 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

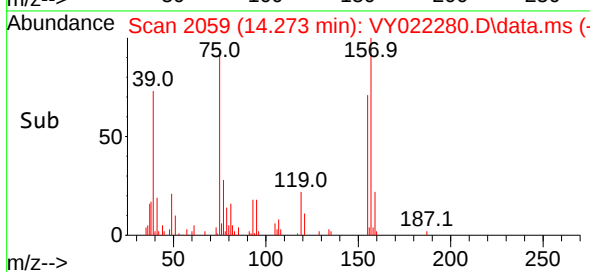
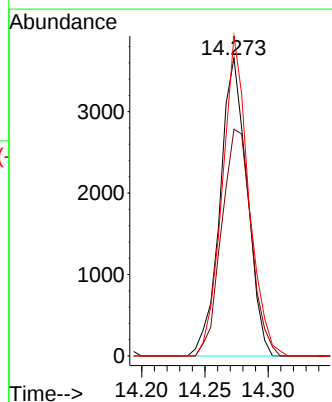
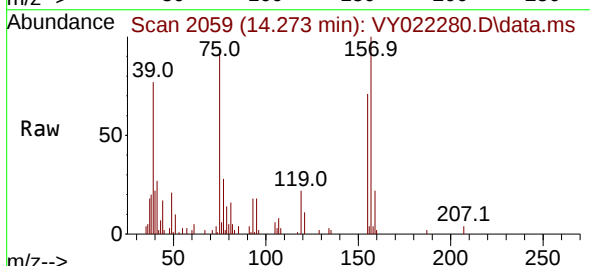
Tgt Ion: 75 Resp: 5453

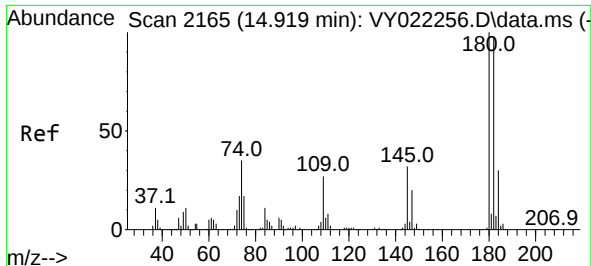
Ion Ratio Lower Upper

75 100

155 83.0 43.4 130.1

157 104.3 54.6 163.9

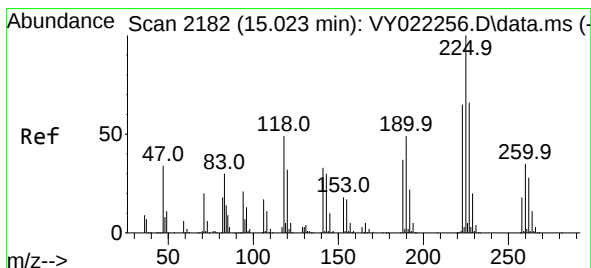
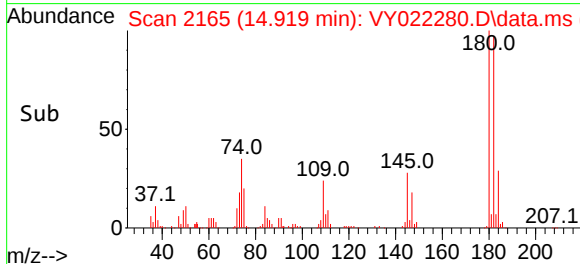
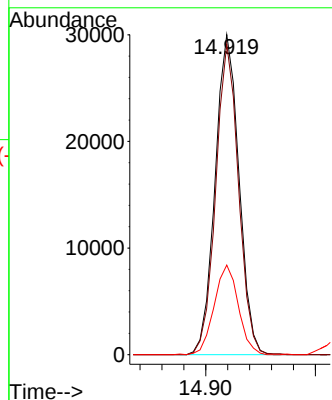
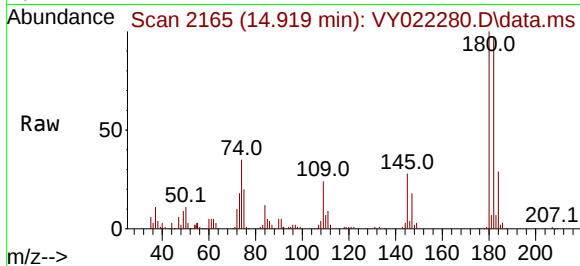




#93
1,2,4-Trichlorobenzene
Concen: 19.762 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

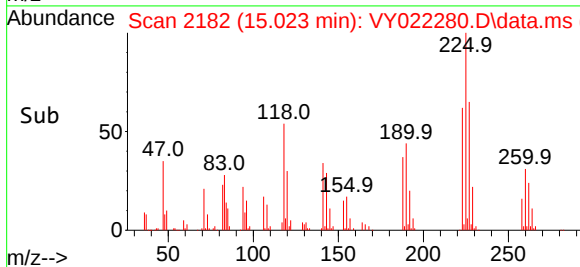
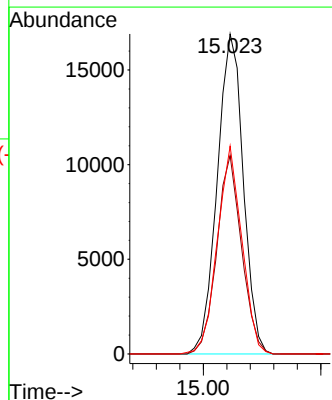
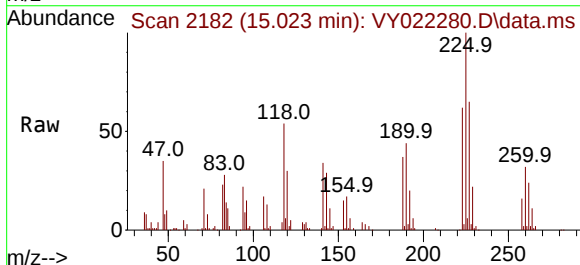
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD01

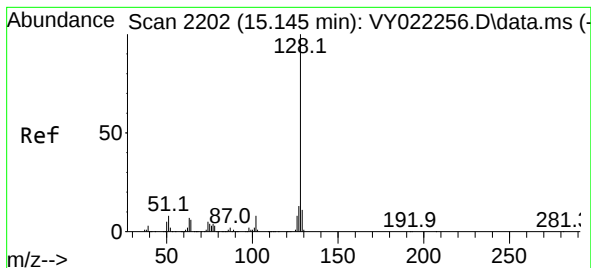
Tgt Ion:180 Resp: 45364
Ion Ratio Lower Upper
180 100
182 92.7 48.0 144.0
145 28.4 15.0 45.1



#94
Hexachlorobutadiene
Concen: 20.350 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022280.D
Acq: 16 May 2025 10:32

Tgt Ion:225 Resp: 26052
Ion Ratio Lower Upper
225 100
223 59.1 31.5 94.5
227 61.2 32.1 96.3





#95

Naphthalene

Concen: 18.943 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

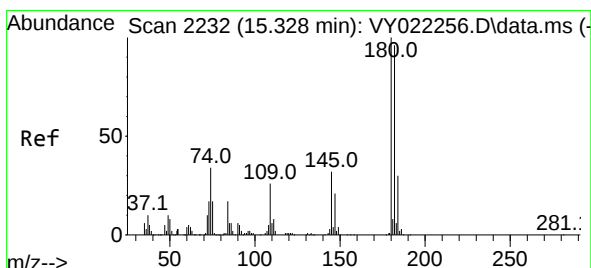
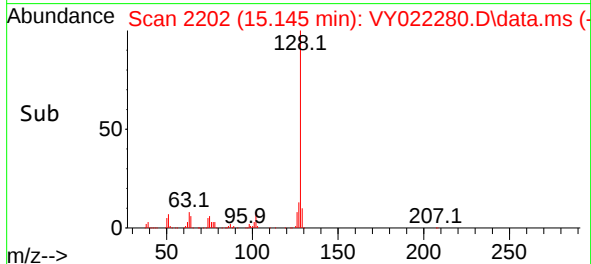
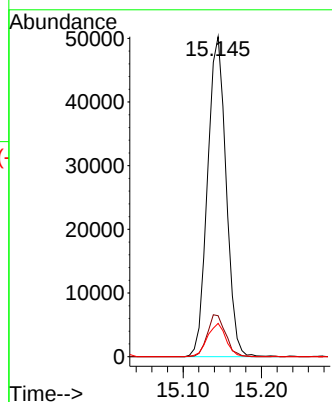
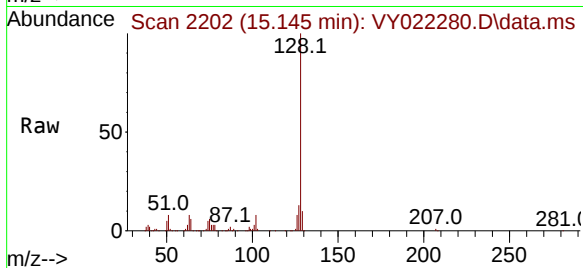
Tgt Ion:128 Resp: 82519

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.213 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022280.D

Acq: 16 May 2025 10:32

Tgt Ion:180 Resp: 37415

Ion Ratio Lower Upper

180 100

182 92.0 47.1 141.3

145 30.6 15.9 47.6

