

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022279.D
 Acq On : 16 May 2025 10:09
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:28:12 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	205076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	351708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	300126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114577	51.121	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.634	113	106659	50.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.620%	
50) Toluene-d8	10.109	98	437632	50.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.408	95	134691	49.426	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45052	21.053	ug/l	96
3) Chloromethane	2.068	50	109640	24.357	ug/l	99
4) Vinyl Chloride	2.202	62	120955	24.051	ug/l	97
5) Bromomethane	2.592	94	108325	26.460	ug/l	96
6) Chloroethane	2.732	64	77272	24.698	ug/l	97
7) Trichlorofluoromethane	3.049	101	112994	22.191	ug/l	98
8) Diethyl Ether	3.452	74	24161	19.772	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	46362	20.973	ug/l	98
10) Methyl Iodide	4.000	142	47690	18.640	ug/l	99
11) Tert butyl alcohol	4.866	59	16251	94.950	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	45611	20.793	ug/l	96
13) Acrolein	3.653	56	22588	90.276	ug/l	98
14) Allyl chloride	4.385	41	76691	19.939	ug/l	97
15) Acrylonitrile	5.061	53	49210	97.735	ug/l	98
16) Acetone	3.879	43	35951	85.545	ug/l	98
17) Carbon Disulfide	4.104	76	148086	20.702	ug/l	98
18) Methyl Acetate	4.385	43	26179	19.757	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	122697	20.286	ug/l	98
20) Methylene Chloride	4.616	84	54277	19.987	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	49533	20.457	ug/l	97
22) Diisopropyl ether	6.018	45	160728	19.788	ug/l	99
23) Vinyl Acetate	5.957	43	464752	94.709	ug/l	99
24) 1,1-Dichloroethane	5.915	63	92075	20.290	ug/l	98
25) 2-Butanone	6.896	43	64354	91.546	ug/l	100
26) 2,2-Dichloropropane	6.884	77	80883	20.039	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	57480	20.572	ug/l	99
28) Bromochloromethane	7.250	49	38175	19.722	ug/l	98
29) Tetrahydrofuran	7.268	42	43168	95.450	ug/l	96
30) Chloroform	7.421	83	90925	20.889	ug/l	99
31) Cyclohexane	7.701	56	89576	19.756	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	82428	20.641	ug/l	98
36) 1,1-Dichloropropene	7.835	75	67416	19.498	ug/l	99
37) Ethyl Acetate	6.988	43	30289	18.206	ug/l	96
38) Carbon Tetrachloride	7.817	117	70982	19.833	ug/l	98
39) Methylcyclohexane	9.109	83	90967	19.583	ug/l	96
40) Benzene	8.079	78	206032	20.100	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022279.D
 Acq On : 16 May 2025 10:09
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:28:12 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)
41) Methacrylonitrile	7.219	41	15467	14.016	ug/l #	67
42) 1,2-Dichloroethane	8.158	62	55663	20.081	ug/l	99
43) Isopropyl Acetate	8.201	43	66577	18.350	ug/l	100
44) Trichloroethene	8.865	130	52001	20.403	ug/l	99
45) 1,2-Dichloropropane	9.140	63	48024	19.433	ug/l	95
46) Dibromomethane	9.231	93	26030	19.529	ug/l	96
47) Bromodichloromethane	9.426	83	69687	20.153	ug/l	99
48) Methyl methacrylate	9.225	41	31270	18.429	ug/l	99
49) 1,4-Dioxane	9.237	88	5450	361.945	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	161776	90.873	ug/l	98
52) Toluene	10.170	92	126577	19.501	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	63643	18.860	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74469	19.261	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	33647	19.714	ug/l	96
56) Ethyl methacrylate	10.438	69	48650	18.299	ug/l	97
57) 1,3-Dichloropropane	10.719	76	58178	19.185	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	99985	83.786	ug/l	100
59) 2-Hexanone	10.761	43	106492	89.217	ug/l	99
60) Dibromochloromethane	10.914	129	43390	19.586	ug/l	98
61) 1,2-Dibromoethane	11.018	107	31515	19.811	ug/l	99
64) Tetrachloroethene	10.646	164	54813	19.759	ug/l	99
65) Chlorobenzene	11.444	112	133251	19.679	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	44554	19.140	ug/l	100
67) Ethyl Benzene	11.517	91	241283	19.027	ug/l	98
68) m/p-Xylenes	11.627	106	183701	38.444	ug/l	98
69) o-Xylene	11.956	106	87610	19.379	ug/l	96
70) Styrene	11.969	104	144454	18.942	ug/l	99
71) Bromoform	12.133	173	23136	18.414	ug/l #	99
73) Isopropylbenzene	12.255	105	226293	19.344	ug/l	100
74) N-amyl acetate	12.072	43	59704	17.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34300	19.065	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50035	34.975	ug/l #	100
77) Bromobenzene	12.529	156	47234	18.904	ug/l	97
78) n-propylbenzene	12.597	91	274165	19.430	ug/l	100
79) 2-Chlorotoluene	12.682	91	148305	19.125	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	178884	18.943	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11847	16.775	ug/l	93
82) 4-Chlorotoluene	12.779	91	148832	18.660	ug/l	98
83) tert-Butylbenzene	12.999	119	161923	19.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	179642	19.163	ug/l	99
85) sec-Butylbenzene	13.176	105	239464	19.219	ug/l	99
86) p-Isopropyltoluene	13.291	119	197757	18.872	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	93936	18.416	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	92740	18.902	ug/l	99
89) n-Butylbenzene	13.615	91	191322	19.299	ug/l	98
90) Hexachloroethane	13.877	117	40730	19.255	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	81717	19.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5507	18.982	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	47875	19.345	ug/l	96
94) Hexachlorobutadiene	15.023	225	26080	18.897	ug/l	98
95) Naphthalene	15.145	128	86461	18.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39190	18.667	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
Data File : VY022279.D
Acq On : 16 May 2025 10:09
Operator : SY/MD
Sample : VY0516SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

Quant Time: May 17 01:28:12 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

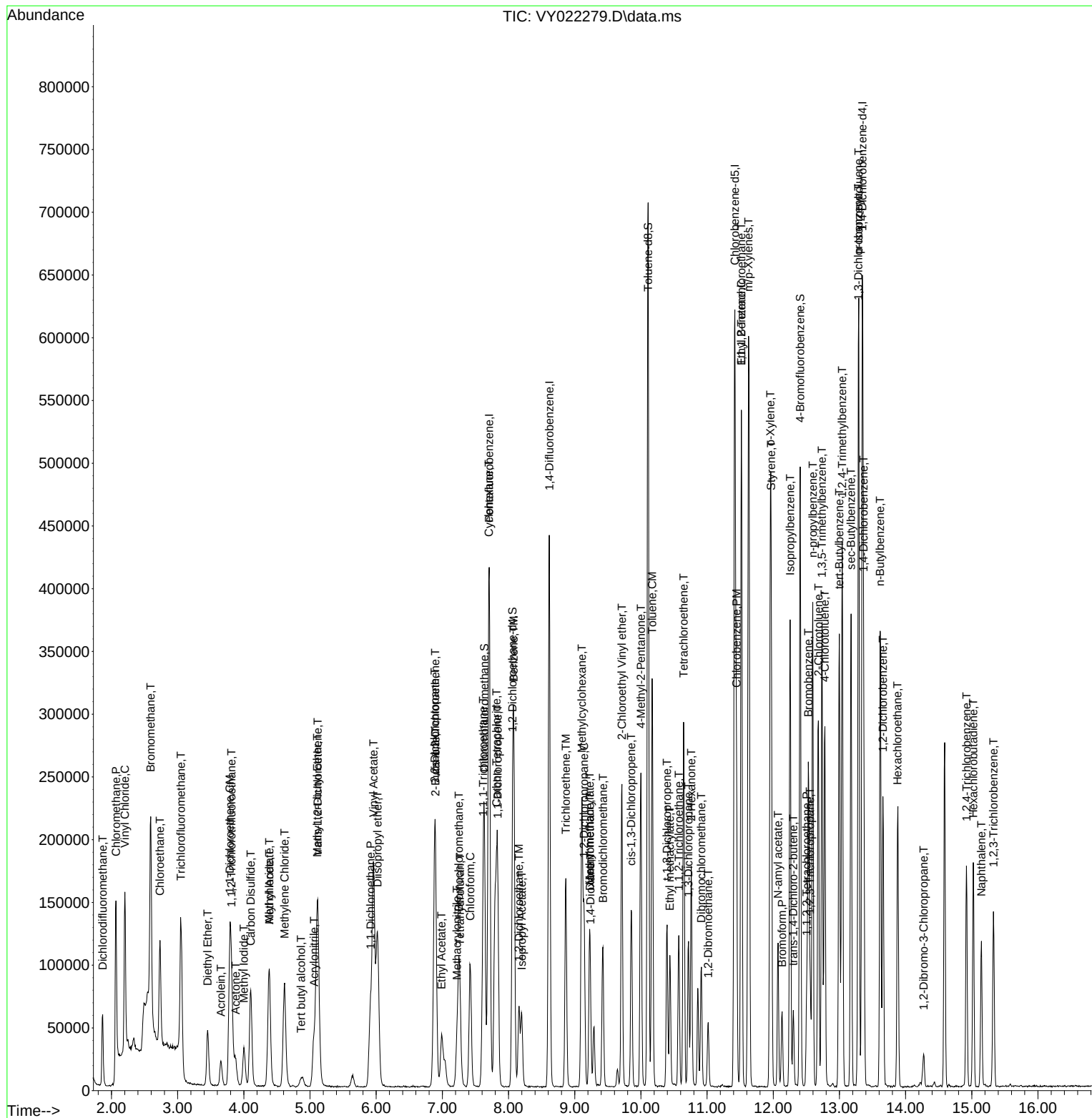
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

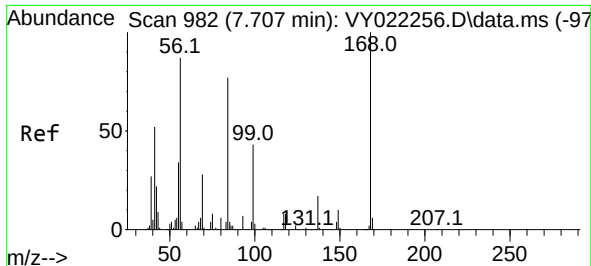
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022279.D
 Acq On : 16 May 2025 10:09
 Operator : SY/MD
 Sample : VY0516SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

Quant Time: May 17 01:28:12 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

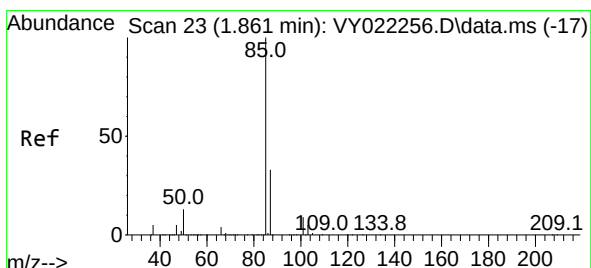
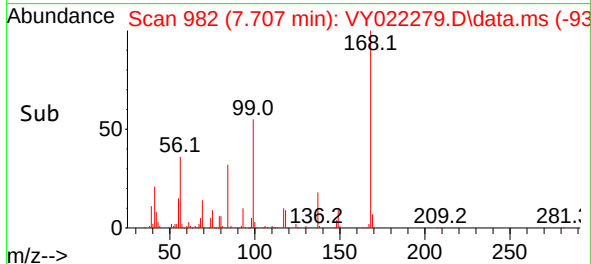
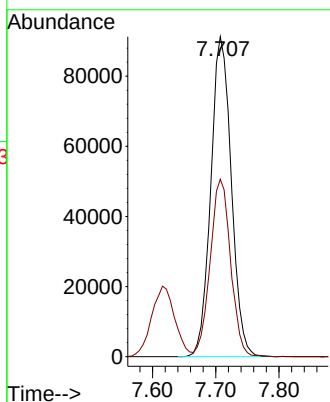
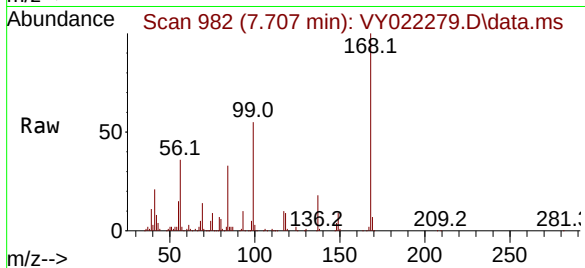




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

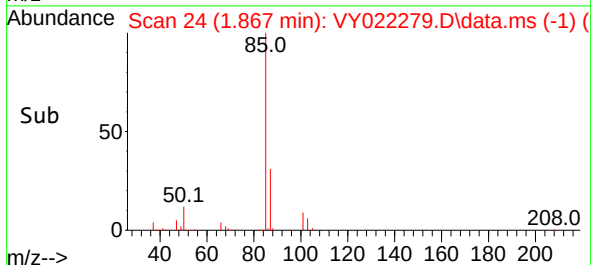
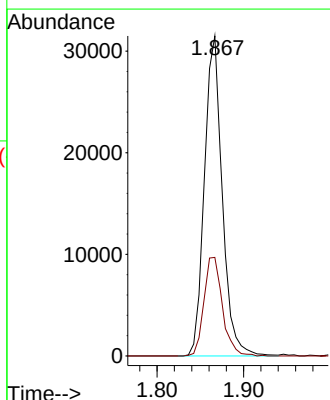
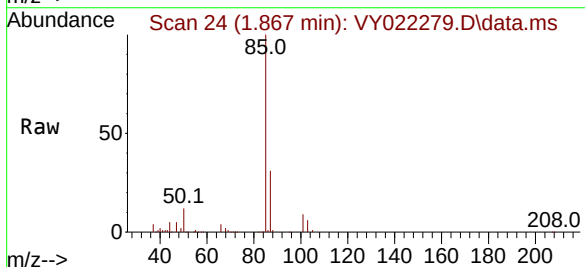
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

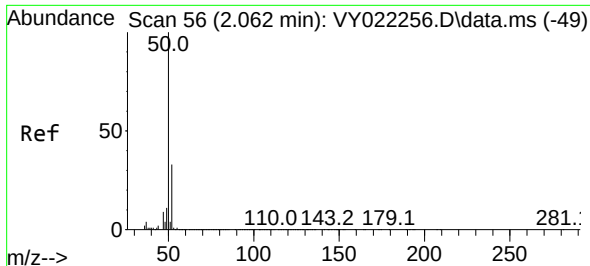
Tgt Ion:168 Resp: 205076
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.053 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 85 Resp: 45052
Ion Ratio Lower Upper
85 100
87 30.8 16.5 49.5

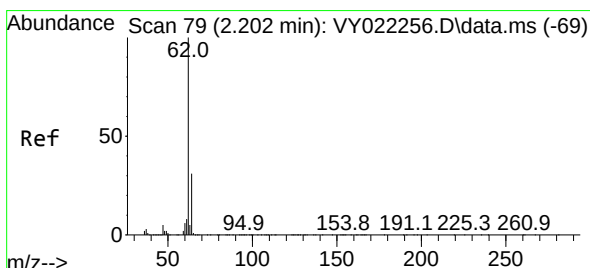
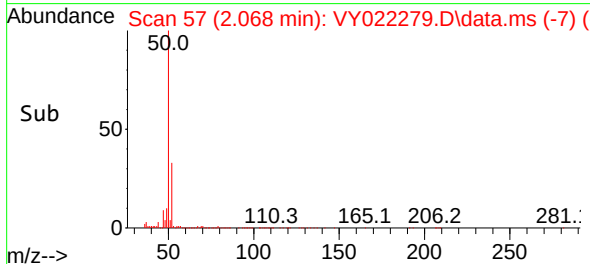
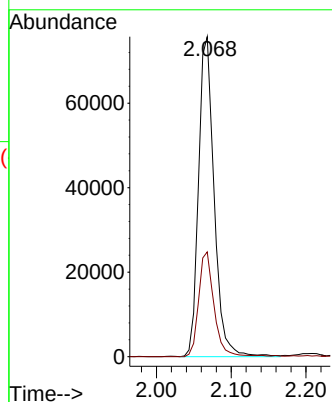
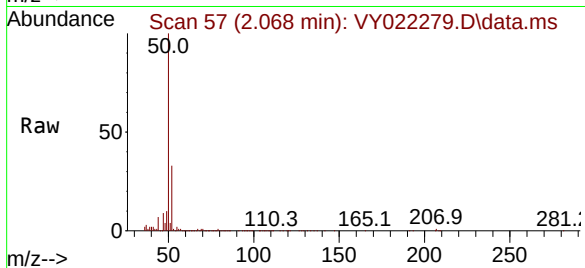




#3
Chloromethane
Concen: 24.357 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

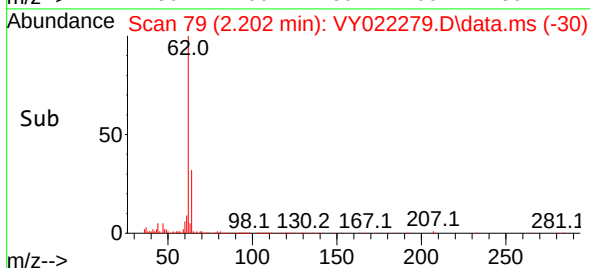
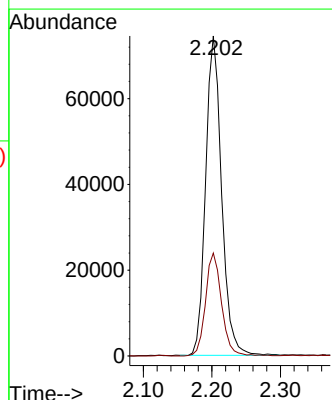
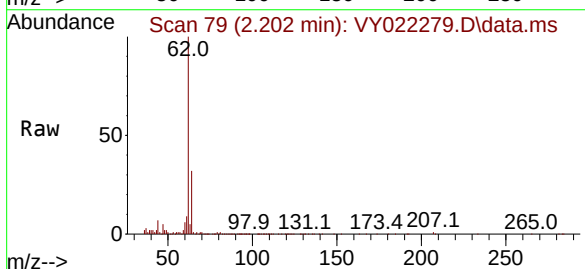
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

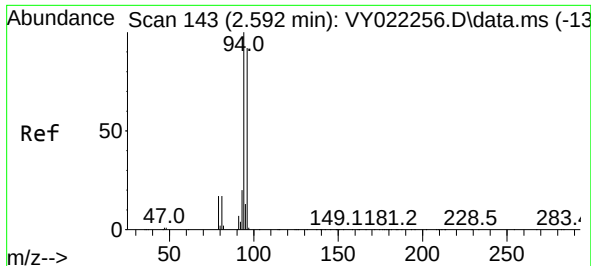
Tgt Ion: 50 Resp: 109640
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7



#4
Vinyl Chloride
Concen: 24.051 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 62 Resp: 120955
Ion Ratio Lower Upper
62 100
64 32.2 24.5 36.7

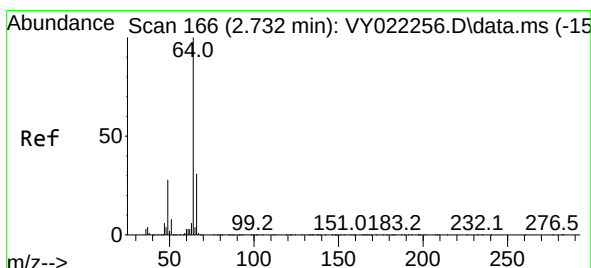
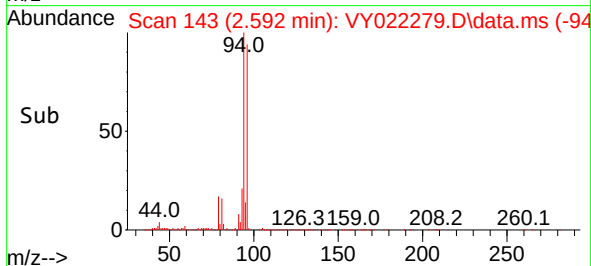
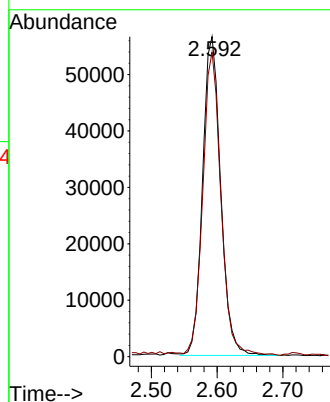
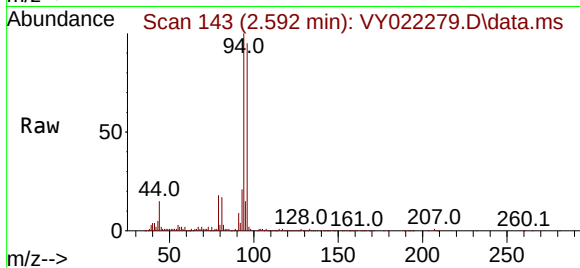




#5
Bromomethane
Concen: 26.460 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

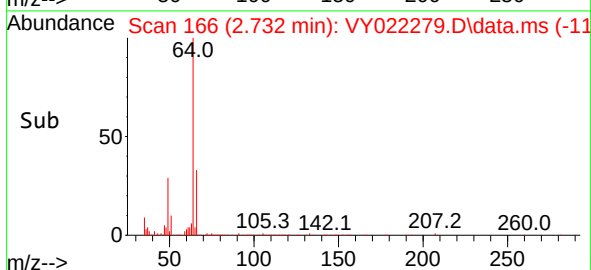
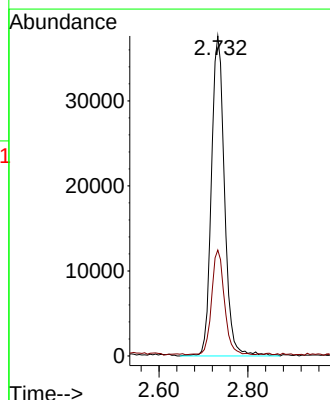
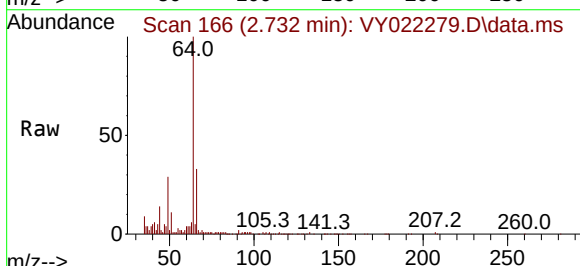
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

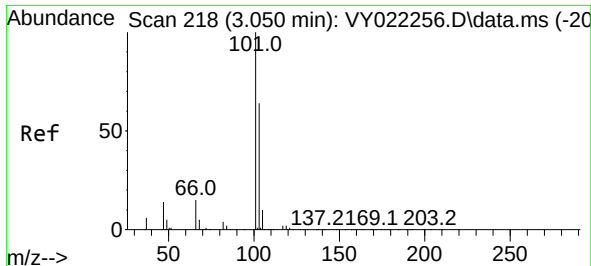
Tgt Ion: 94 Resp: 108325
Ion Ratio Lower Upper
94 100
96 95.1 73.4 110.0



#6
Chloroethane
Concen: 24.698 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 64 Resp: 77272
Ion Ratio Lower Upper
64 100
66 32.7 24.8 37.2

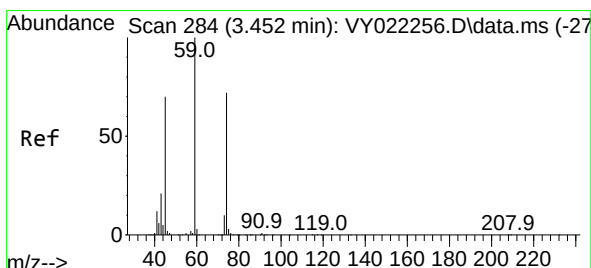
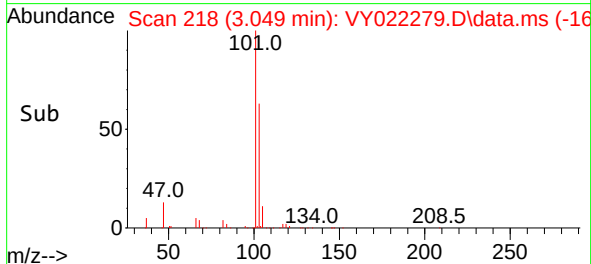
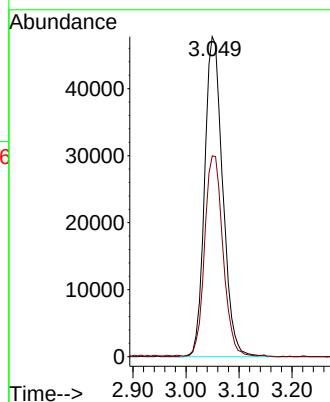
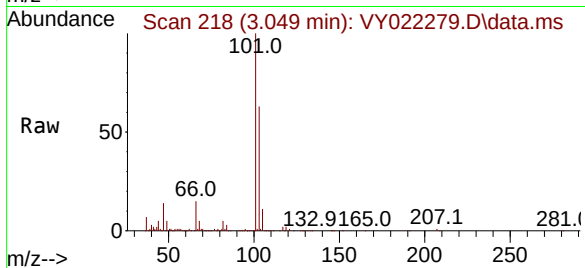




#7
 Trichlorofluoromethane
 Concen: 22.191 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

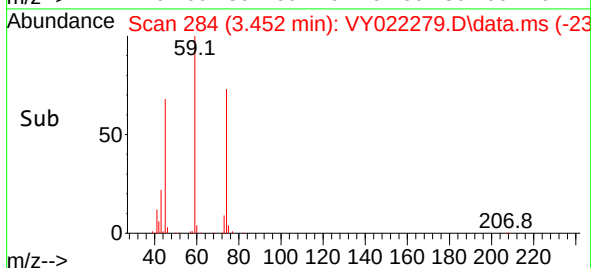
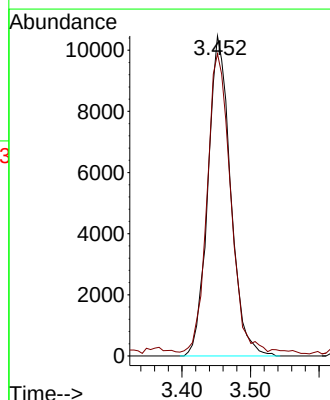
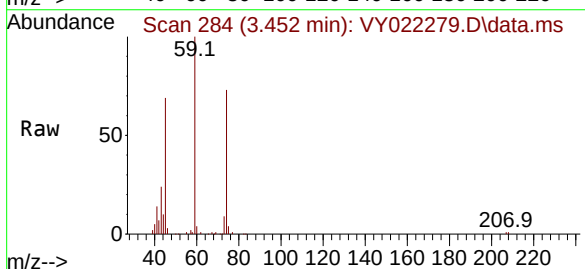
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

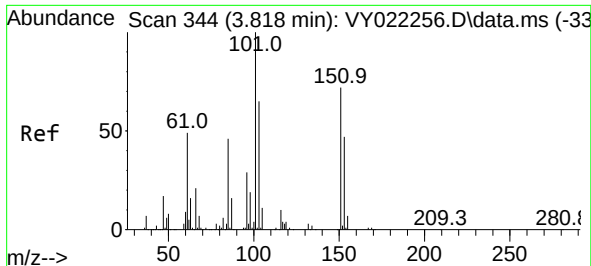
Tgt Ion:101 Resp: 112994
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.772 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion: 74 Resp: 24161
 Ion Ratio Lower Upper
 74 100
 45 95.4 48.6 145.8

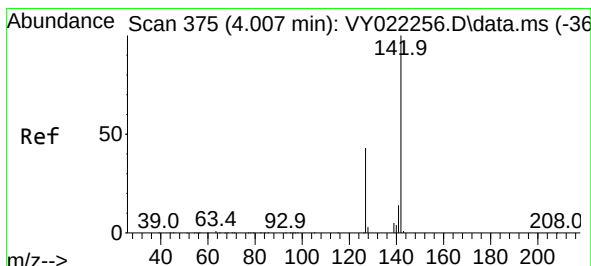
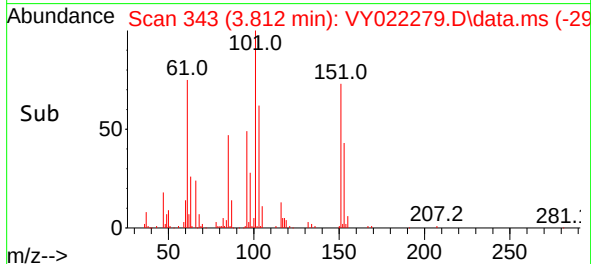
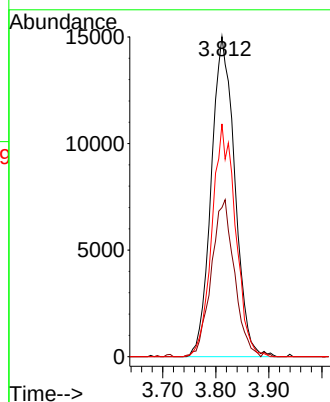
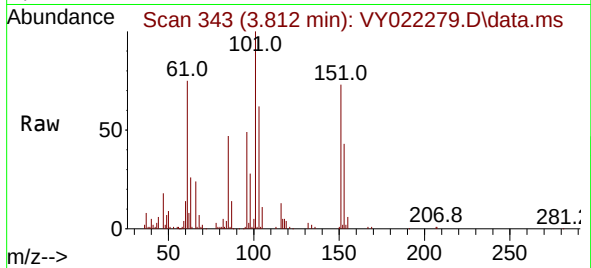




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.973 ug/l
 RT: 3.812 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

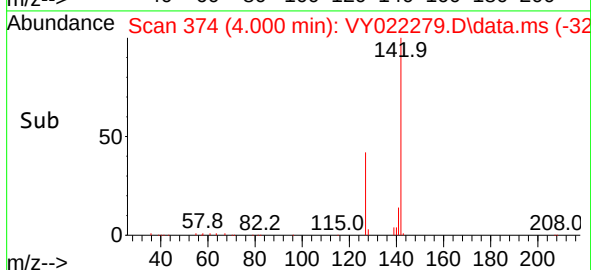
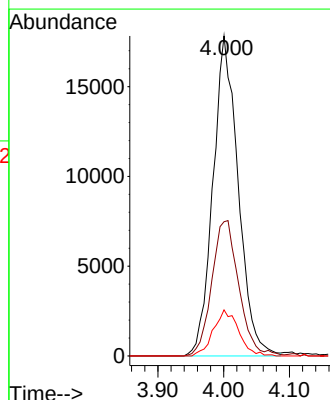
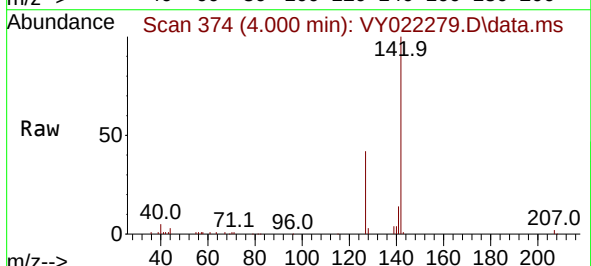
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

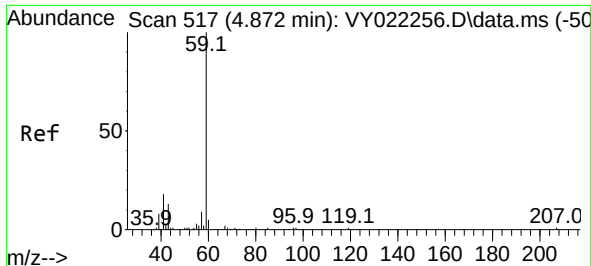
Tgt Ion:101 Resp: 46362
 Ion Ratio Lower Upper
 101 100
 85 48.0 38.6 58.0
 151 72.7 59.7 89.5



#10
 Methyl Iodide
 Concen: 18.640 ug/l
 RT: 4.000 min Scan# 374
 Delta R.T. -0.006 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion:142 Resp: 47690
 Ion Ratio Lower Upper
 142 100
 127 45.3 35.7 53.5
 141 14.3 11.1 16.7

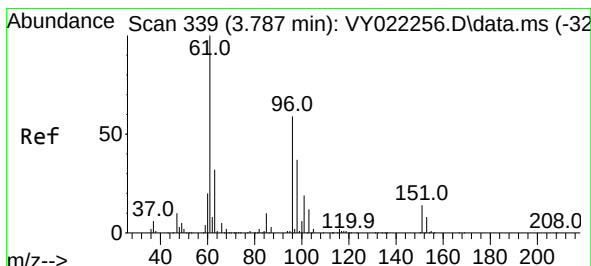
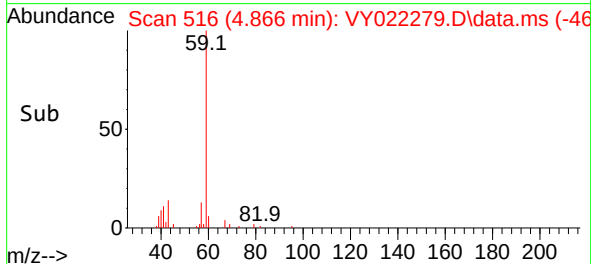
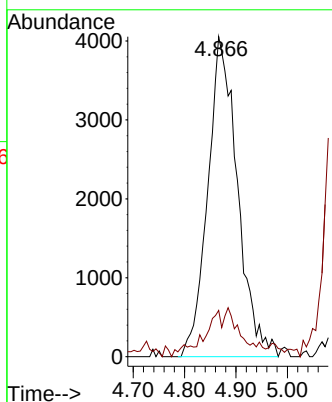
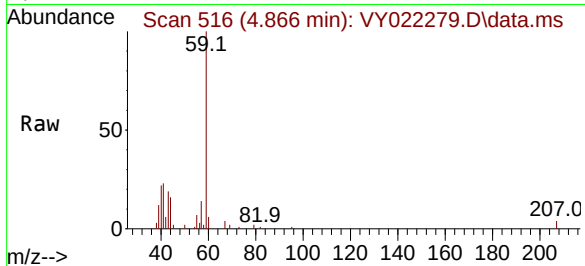




#11
Tert butyl alcohol
Concen: 94.950 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

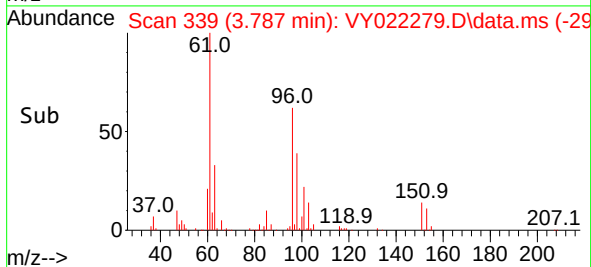
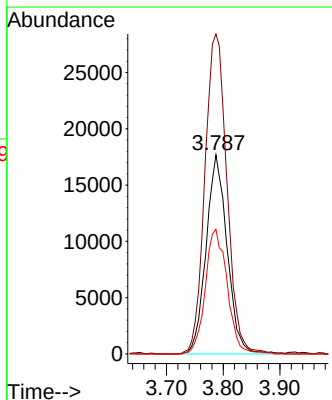
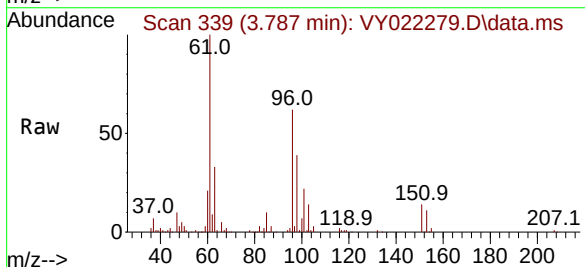
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

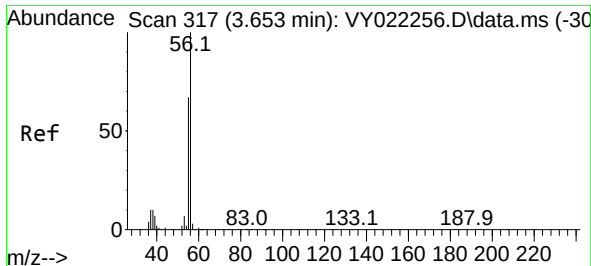
Tgt Ion: 59 Resp: 16251
Ion Ratio Lower Upper
59 100
57 5.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.793 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 96 Resp: 45611
Ion Ratio Lower Upper
96 100
61 160.8 134.9 202.3
98 62.6 49.9 74.9





#13

Acrolein

Concen: 90.276 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

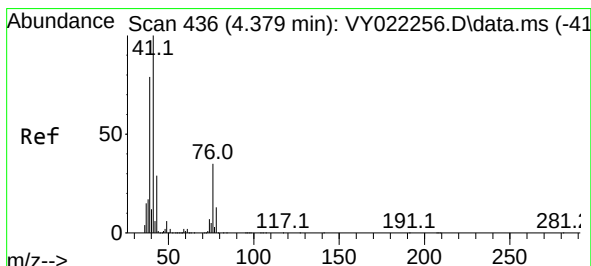
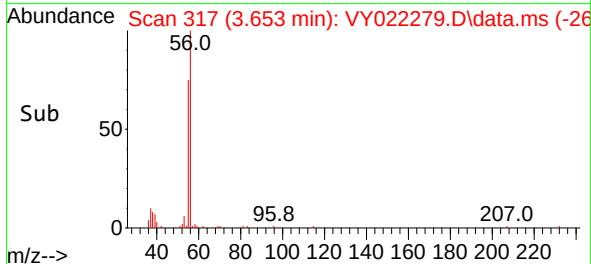
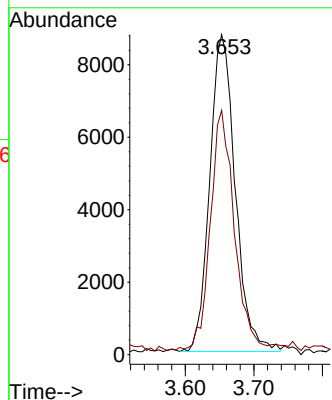
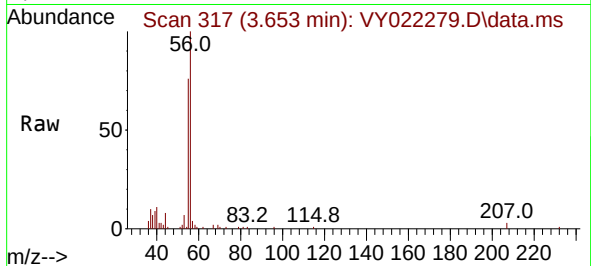
VY0516SBS01

Tgt Ion: 56 Resp: 22588

Ion Ratio Lower Upper

56 100

55 71.4 55.6 83.4



#14

Allyl chloride

Concen: 19.939 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

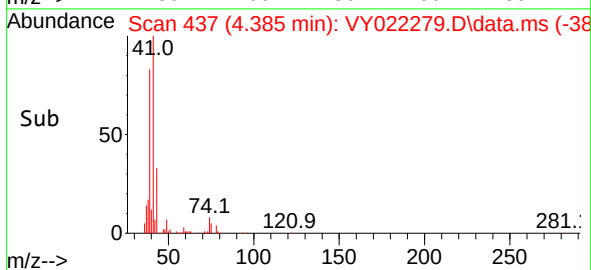
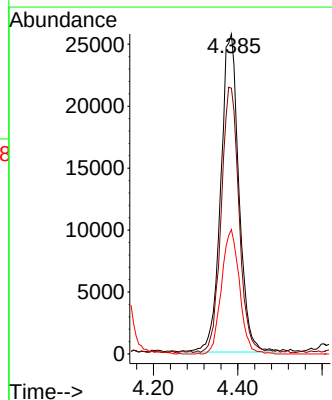
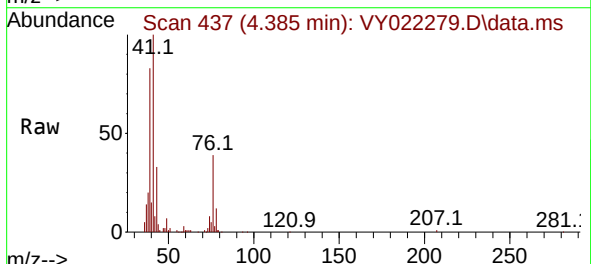
Tgt Ion: 41 Resp: 76691

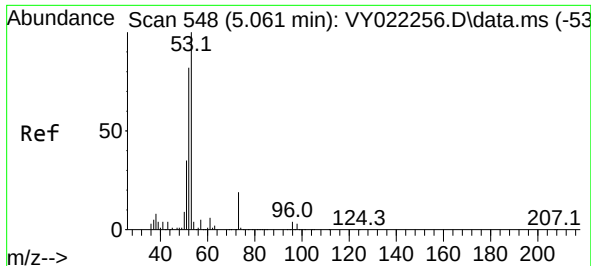
Ion Ratio Lower Upper

41 100

39 81.3 63.4 95.0

76 38.7 29.5 44.3

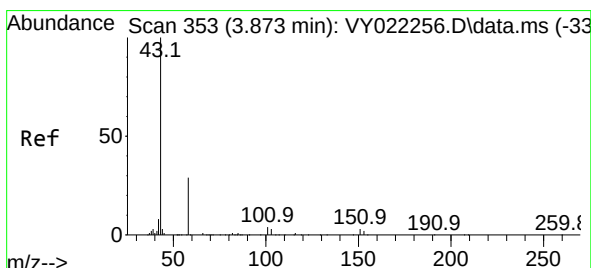
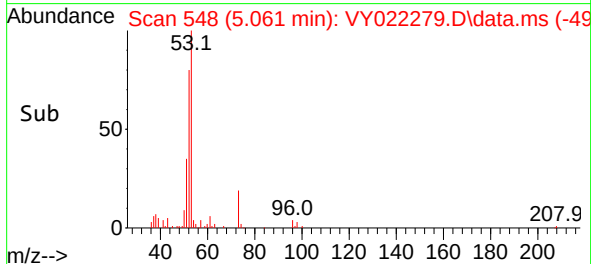
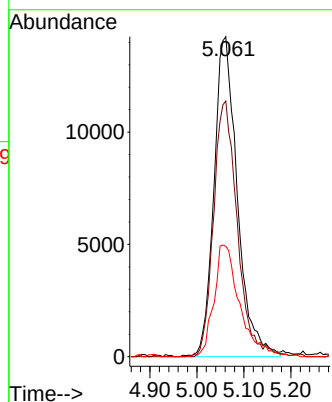
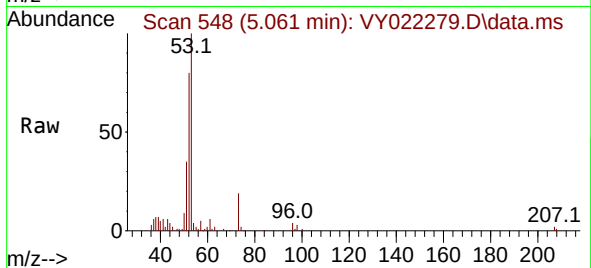




#15
Acrylonitrile
Concen: 97.735 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

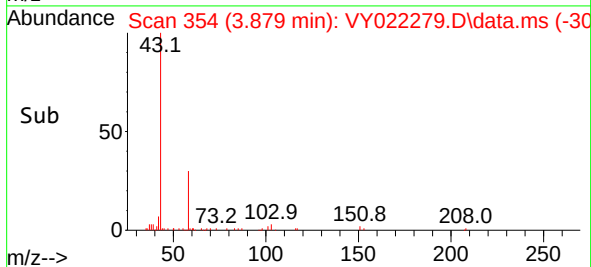
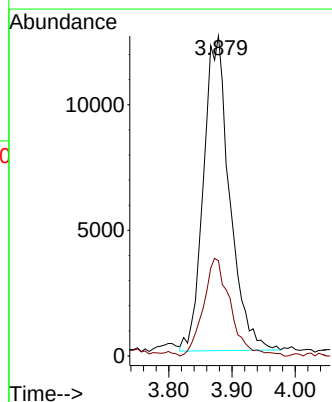
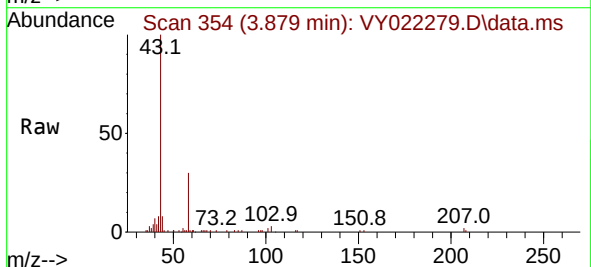
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

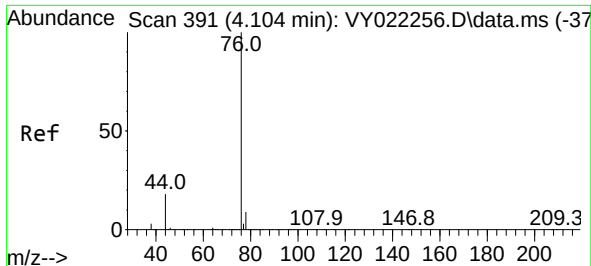
Tgt Ion: 53 Resp: 49210
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 38.6 30.0 45.0



#16
Acetone
Concen: 85.545 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 43 Resp: 35951
Ion Ratio Lower Upper
43 100
58 30.3 23.6 35.4

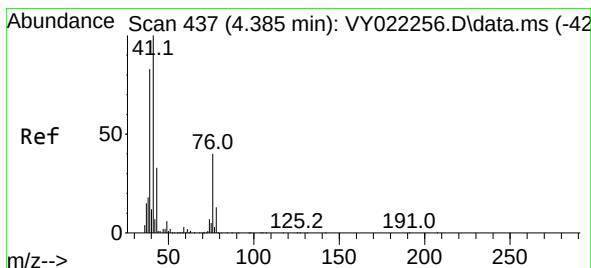
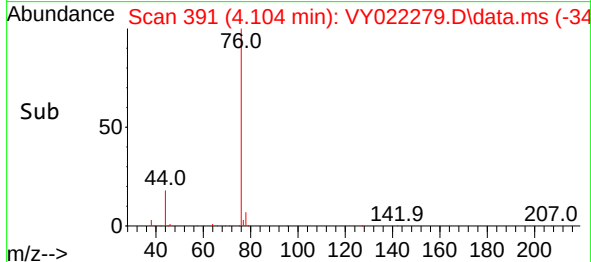
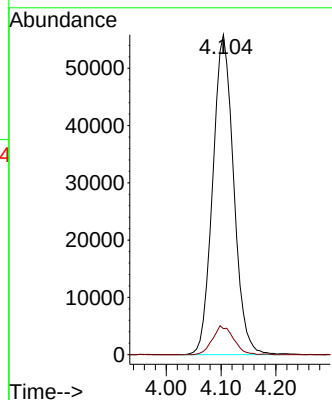
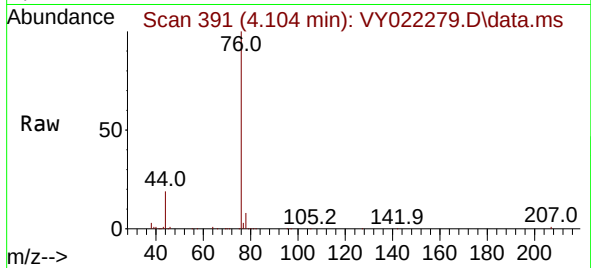




#17
Carbon Disulfide
Concen: 20.702 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

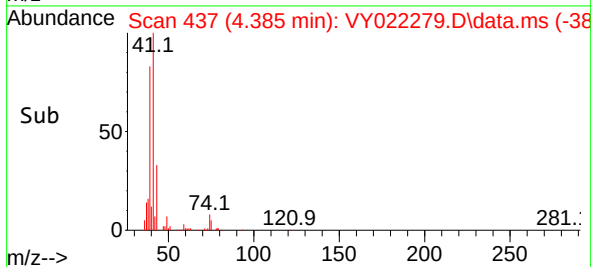
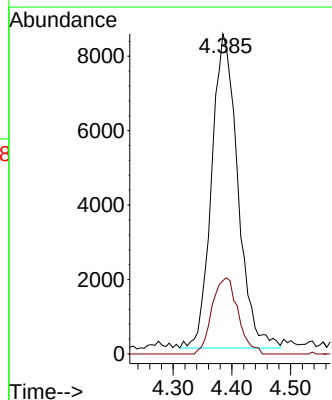
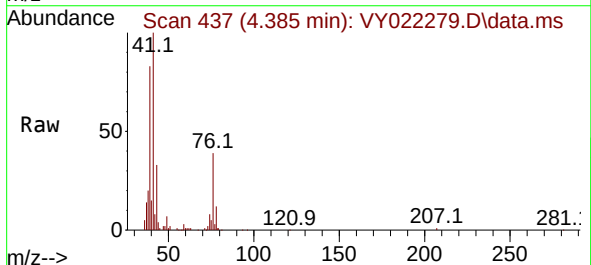
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

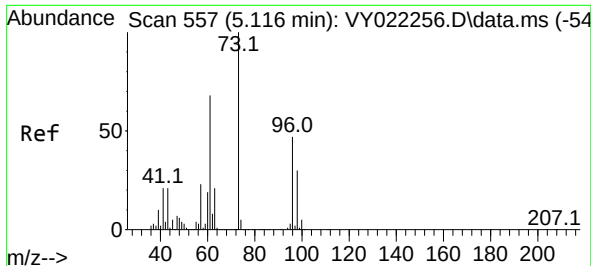
Tgt Ion: 76 Resp: 148086
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.757 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 43 Resp: 26179
Ion Ratio Lower Upper
43 100
74 24.0 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.286 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

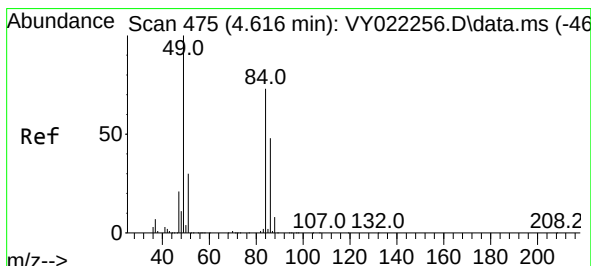
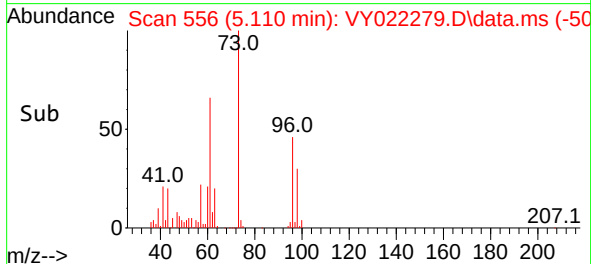
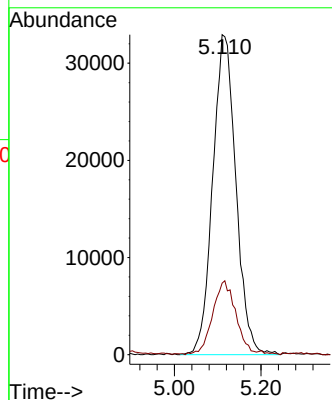
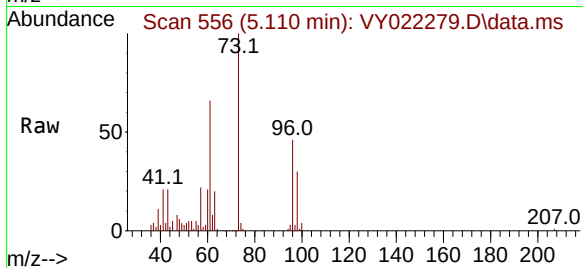
VY0516SBS01

Tgt Ion: 73 Resp: 122697

Ion Ratio Lower Upper

73 100

57 22.3 18.6 28.0



#20

Methylene Chloride

Concen: 19.987 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Tgt Ion: 84 Resp: 54277

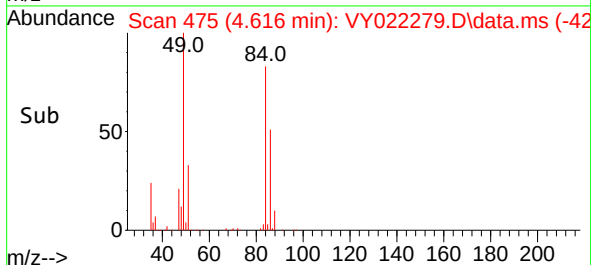
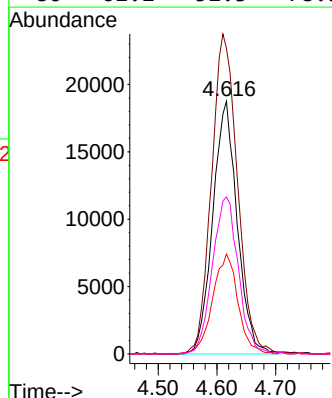
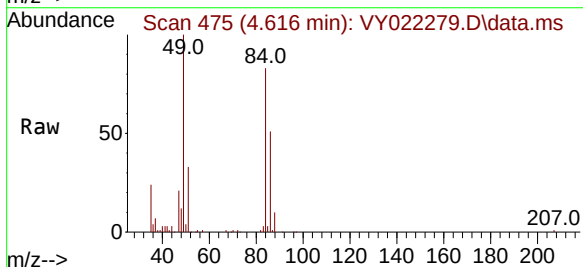
Ion Ratio Lower Upper

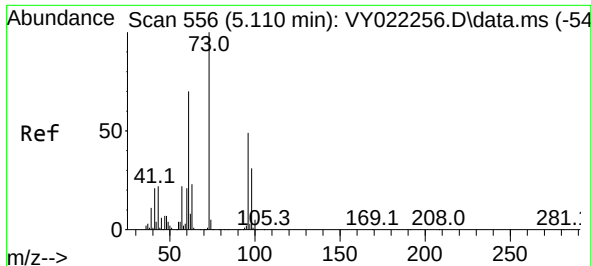
84 100

49 120.7 109.6 164.4

51 39.3 32.4 48.6

86 62.2 52.3 78.5

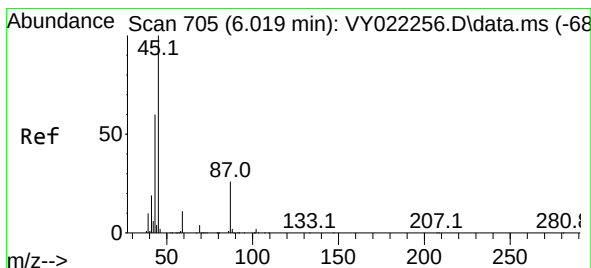
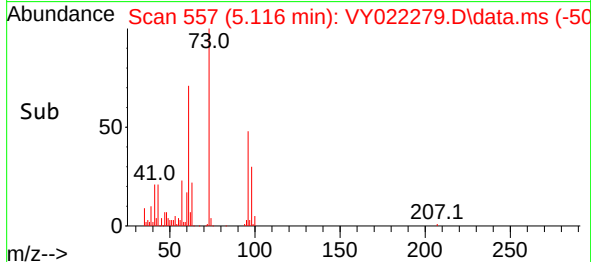
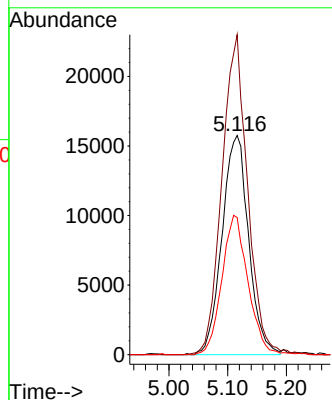
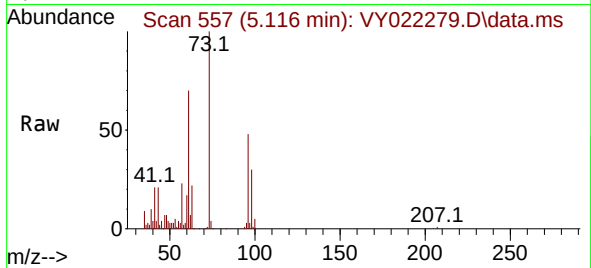




#21
trans-1,2-Dichloroethene
Concen: 20.457 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

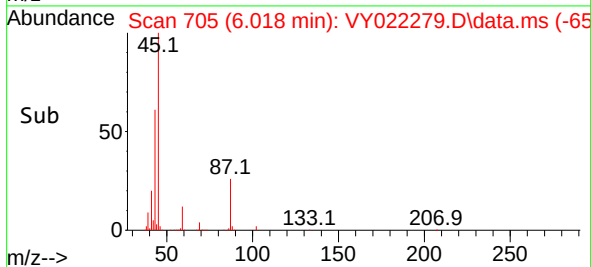
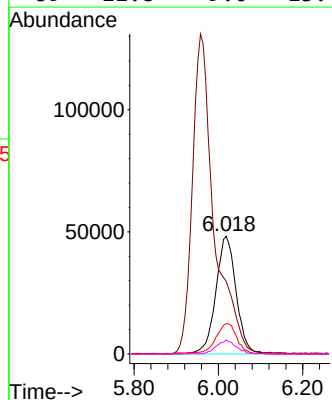
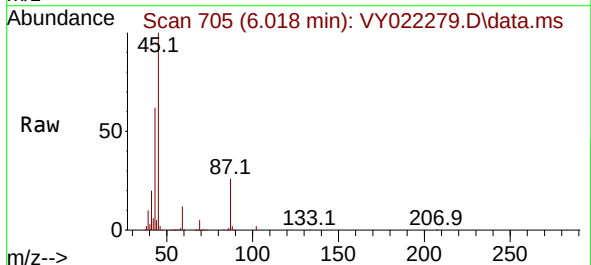
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

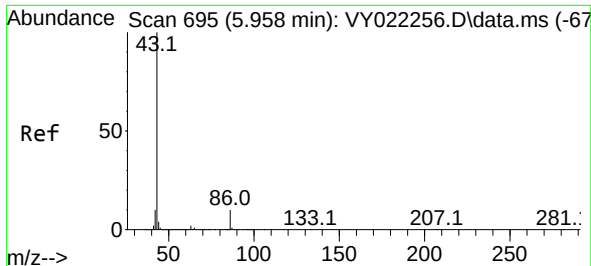
Tgt Ion: 96 Resp: 49533
Ion Ratio Lower Upper
96 100
61 146.0 113.4 170.0
98 62.6 50.9 76.3



#22
Diisopropyl ether
Concen: 19.788 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 45 Resp: 160728
Ion Ratio Lower Upper
45 100
43 60.7 48.2 72.2
87 25.7 21.4 32.0
59 11.8 9.0 13.4

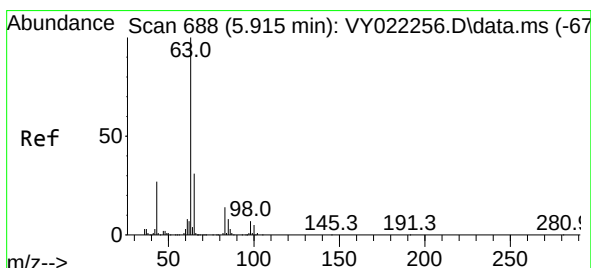
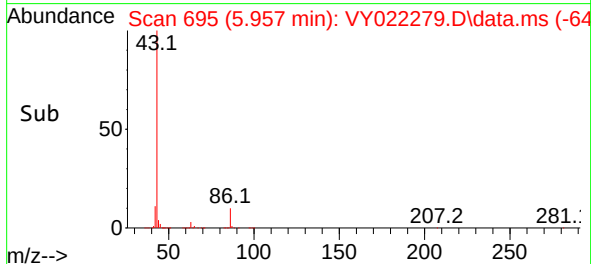
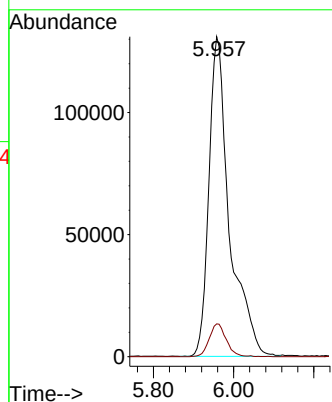
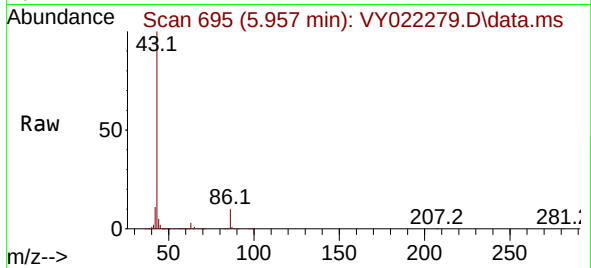




#23
 Vinyl Acetate
 Concen: 94.709 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

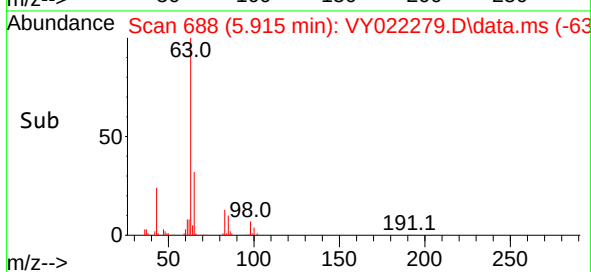
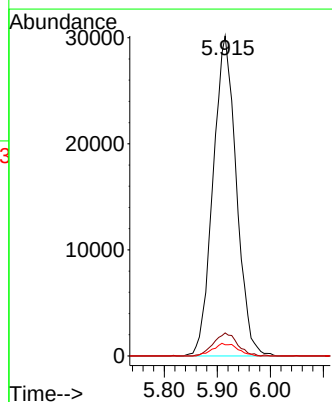
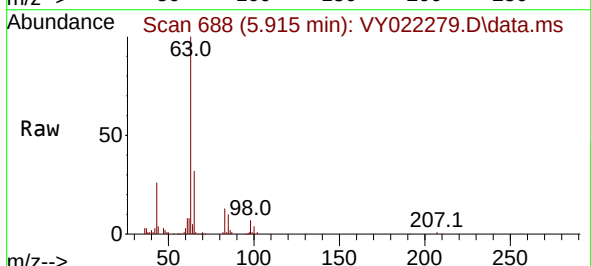
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

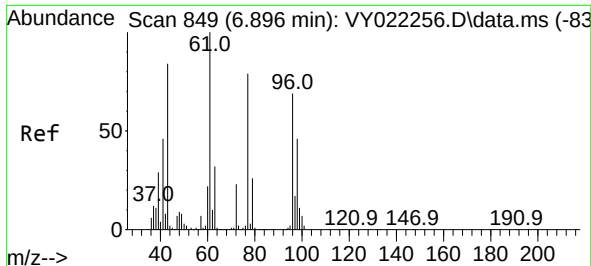
Tgt Ion: 43 Resp: 464752
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.290 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion: 63 Resp: 92075
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 3.5 2.4 7.2

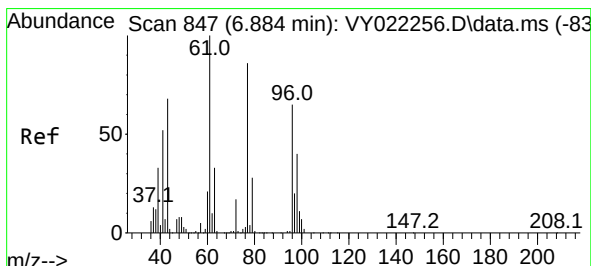
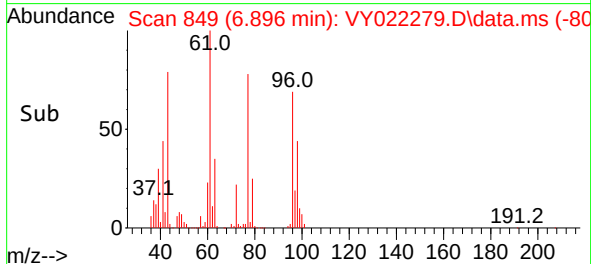
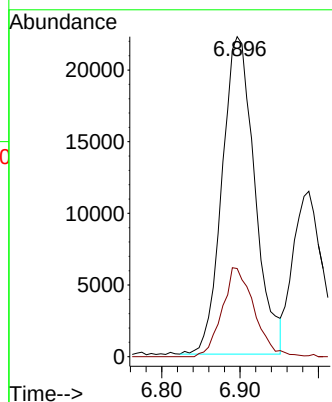
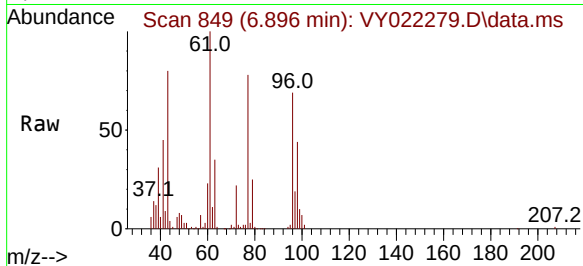




#25
2-Butanone
Concen: 91.546 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

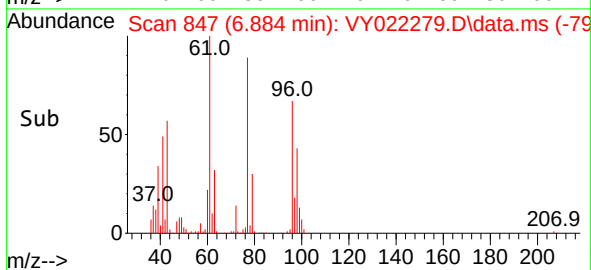
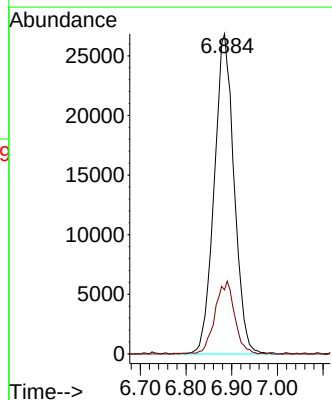
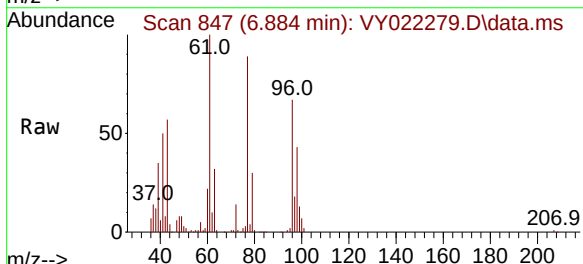
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

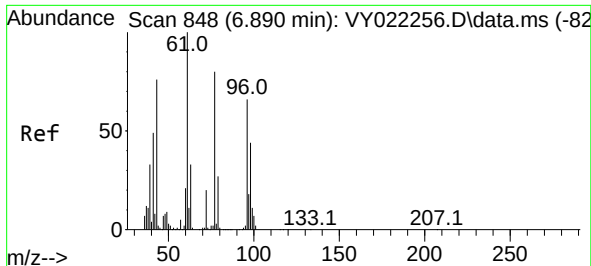
Tgt Ion: 43 Resp: 64354
Ion Ratio Lower Upper
43 100
72 27.8 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.039 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 77 Resp: 80883
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.572 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

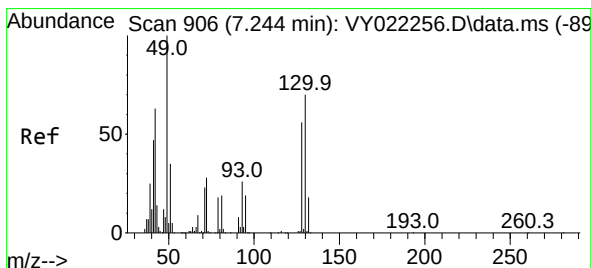
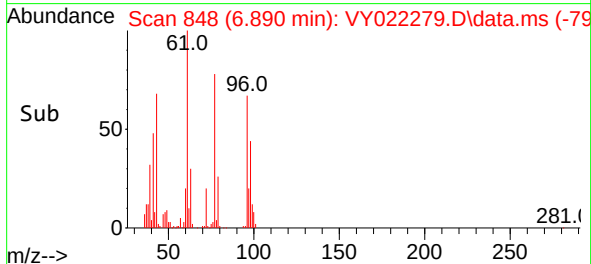
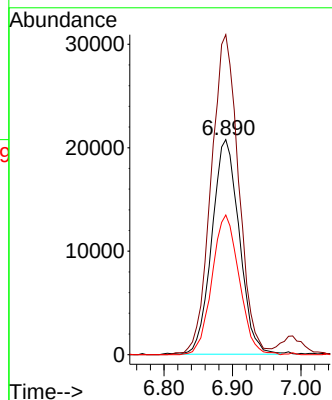
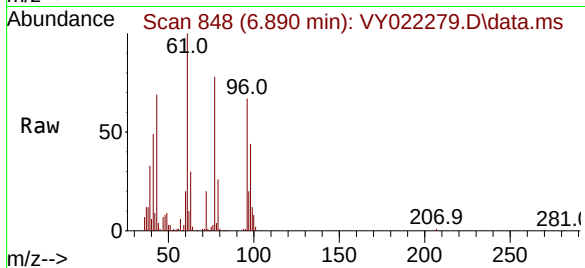
Tgt Ion: 96 Resp: 57480

Ion Ratio Lower Upper

96 100

61 150.3 0.0 302.6

98 64.6 0.0 128.8



#28

Bromochloromethane

Concen: 19.722 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

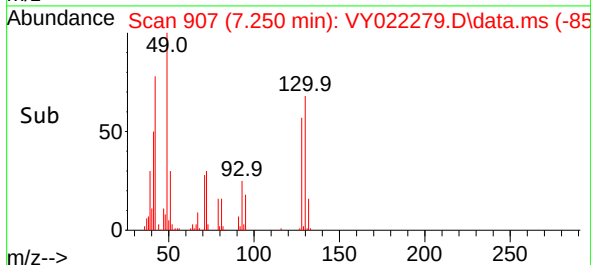
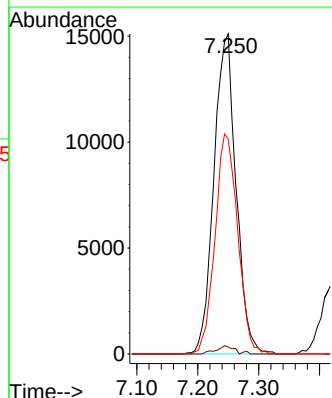
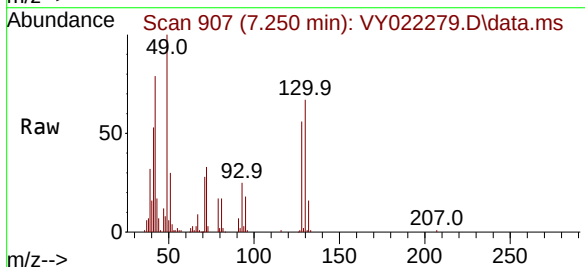
Tgt Ion: 49 Resp: 38175

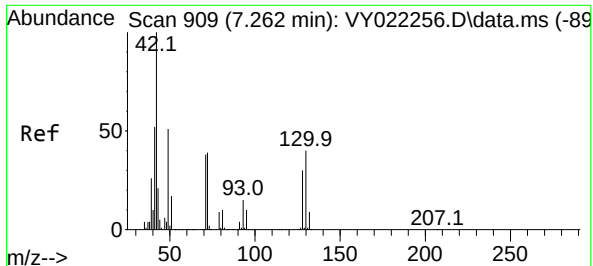
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.3 54.7 82.1

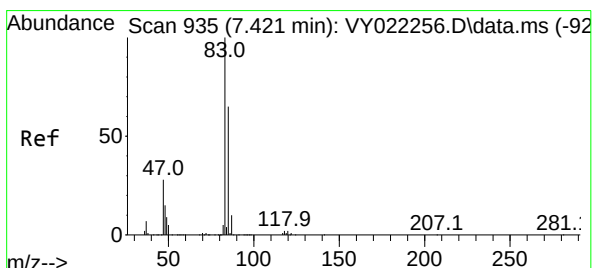
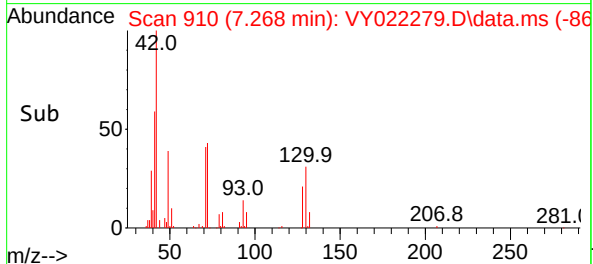
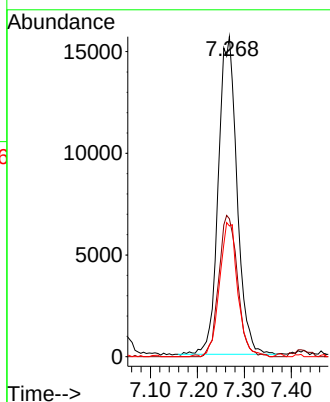
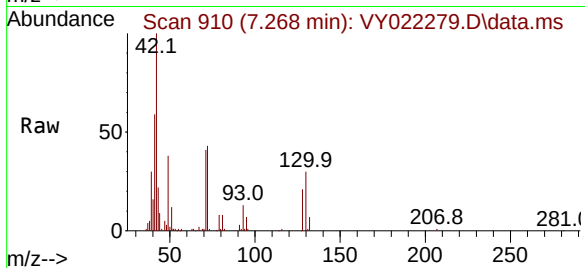




#29
Tetrahydrofuran
Concen: 95.450 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

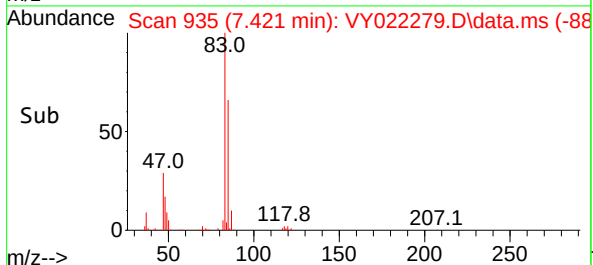
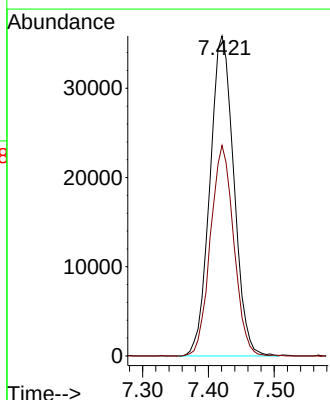
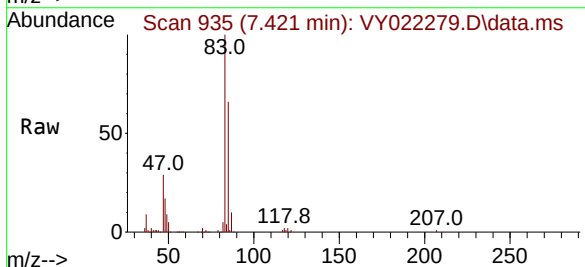
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

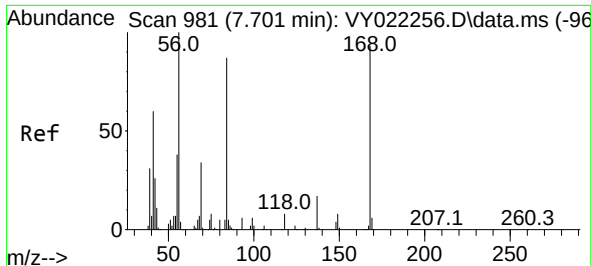
Tgt Ion: 42 Resp: 43168
Ion Ratio Lower Upper
42 100
72 44.9 33.8 50.6
71 41.4 31.5 47.3



#30
Chloroform
Concen: 20.889 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 83 Resp: 90925
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8

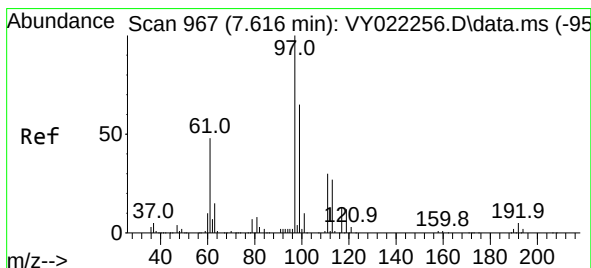
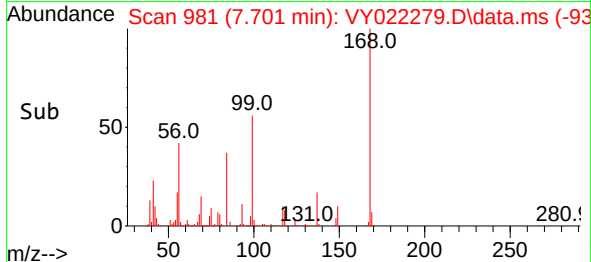
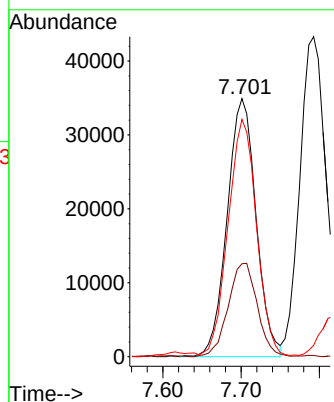
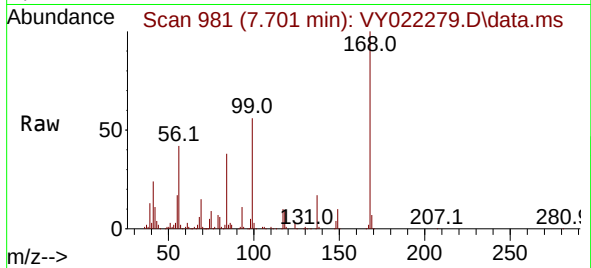




#31
Cyclohexane
Concen: 19.756 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

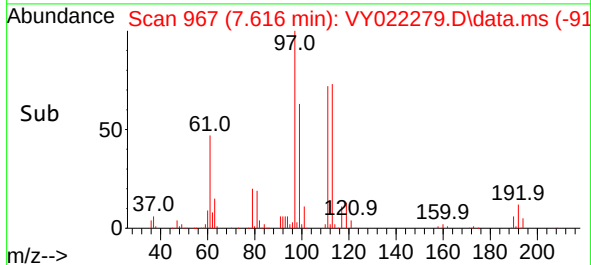
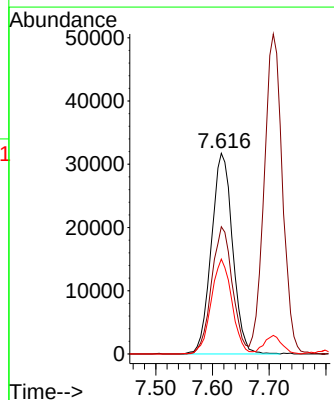
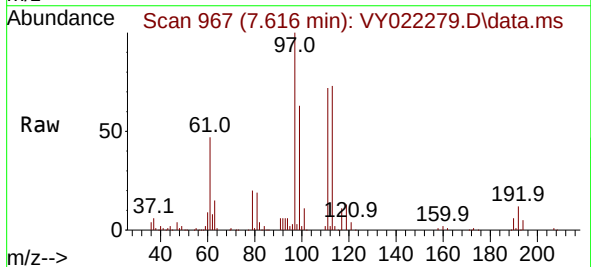
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

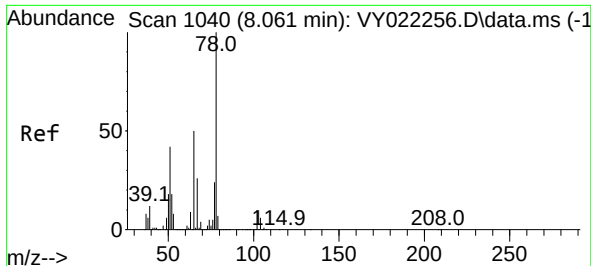
Tgt Ion: 56 Resp: 89576
Ion Ratio Lower Upper
56 100
69 35.8 27.4 41.2
84 90.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.641 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 97 Resp: 82428
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 46.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.121 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

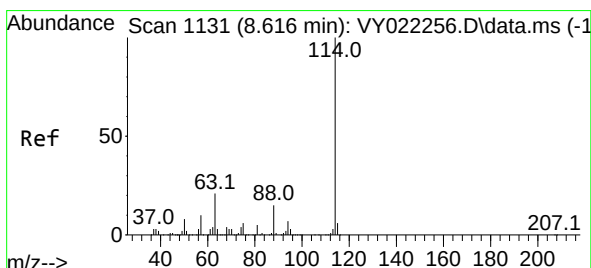
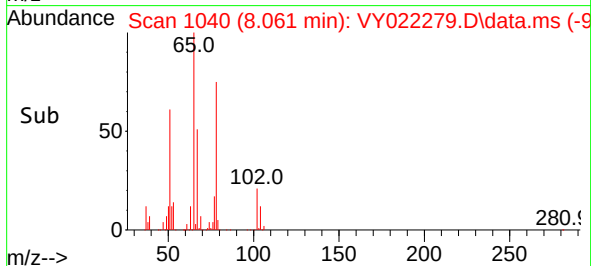
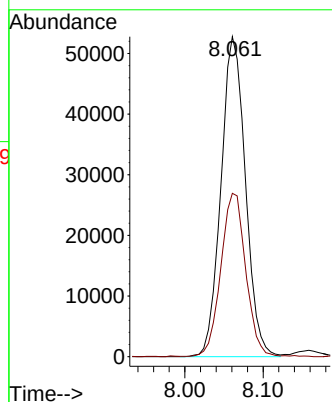
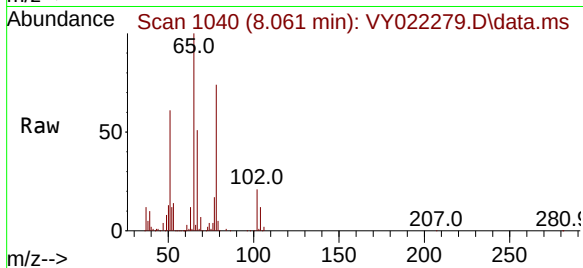
VY0516SBS01

Tgt Ion: 65 Resp: 114577

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

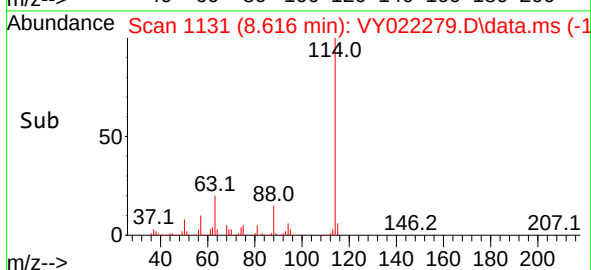
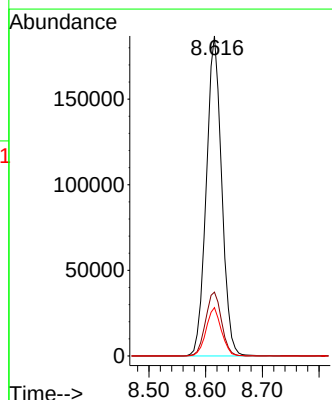
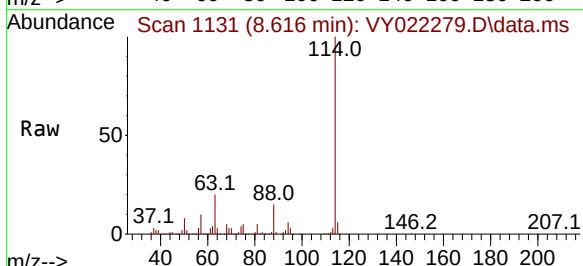
Tgt Ion: 114 Resp: 351708

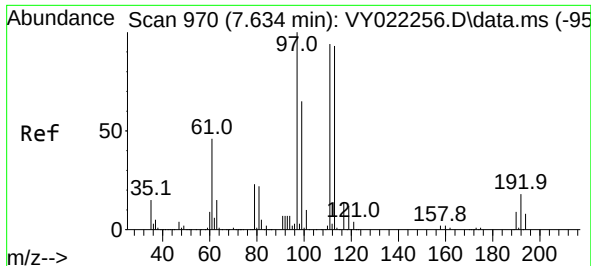
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

88 15.1 0.0 29.4

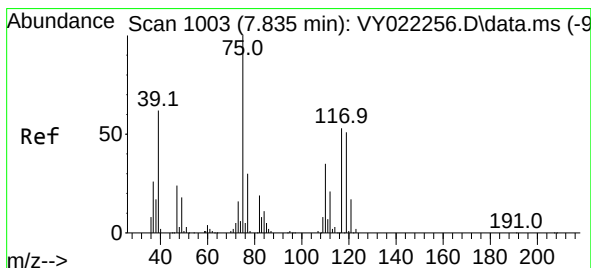
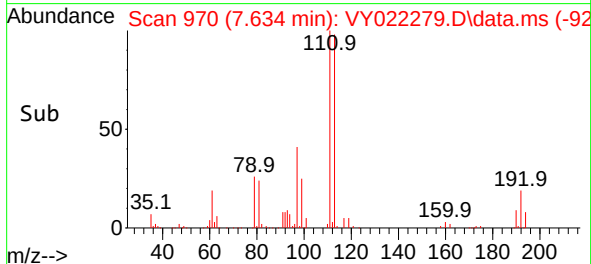
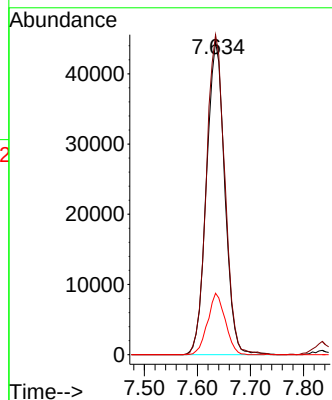
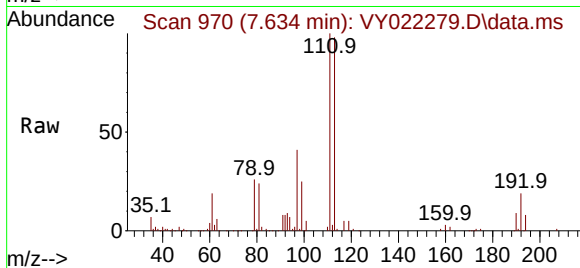




#35
Dibromofluoromethane
Concen: 50.809 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

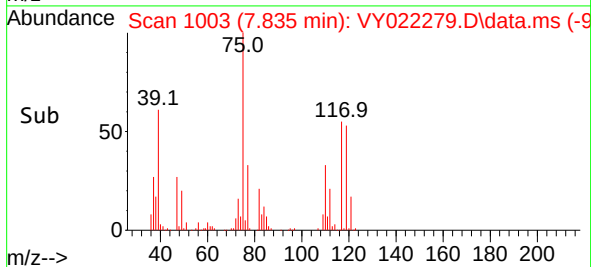
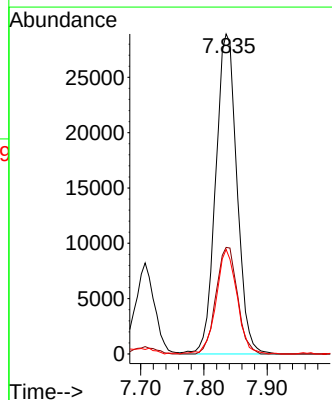
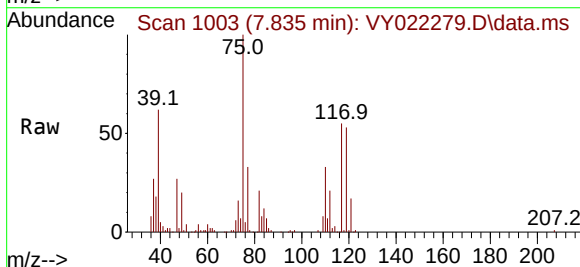
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

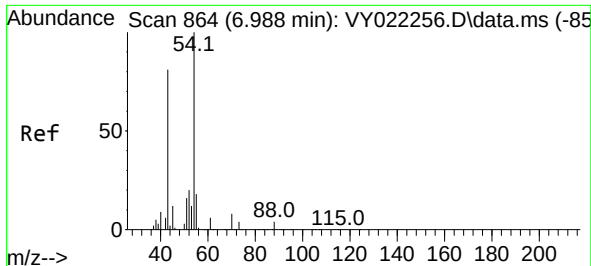
Tgt Ion:113 Resp: 106659
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.498 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 75 Resp: 67416
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.8
77 32.0 24.6 37.0





#37

Ethyl Acetate

Concen: 18.206 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

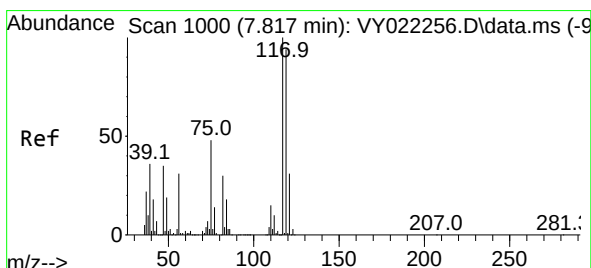
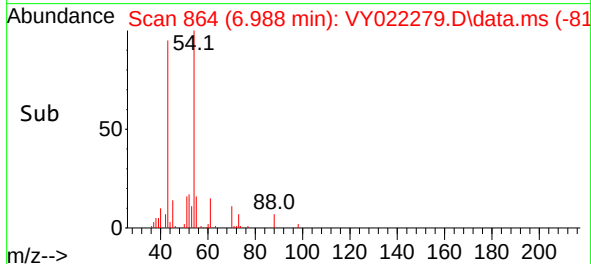
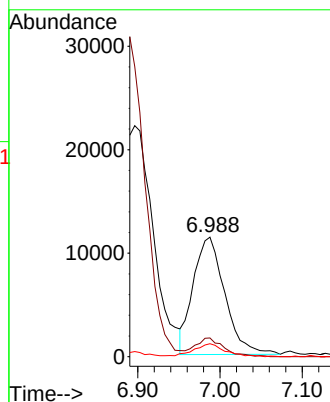
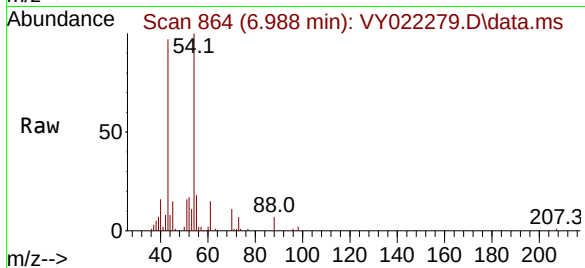
Tgt Ion: 43 Resp: 30289

Ion Ratio Lower Upper

43 100

61 14.3 10.2 15.2

70 10.9 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.833 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

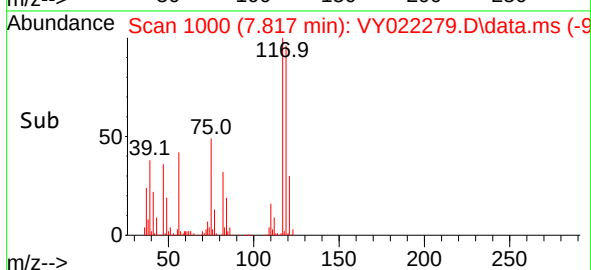
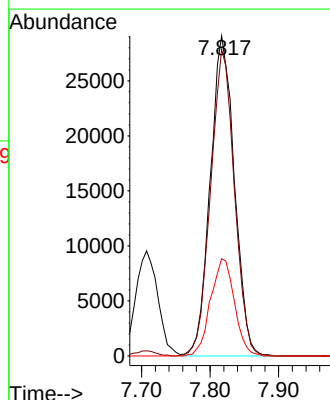
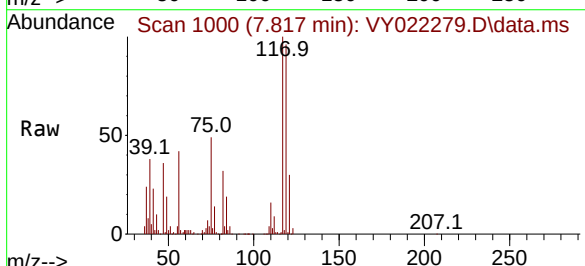
Tgt Ion: 117 Resp: 70982

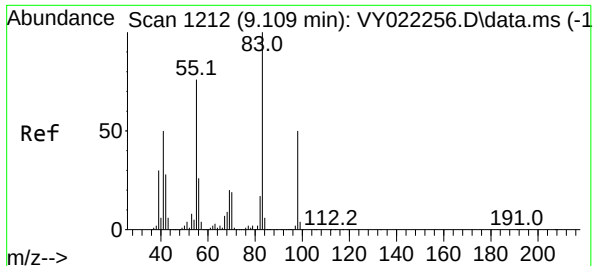
Ion Ratio Lower Upper

117 100

119 95.8 75.3 112.9

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 19.583 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

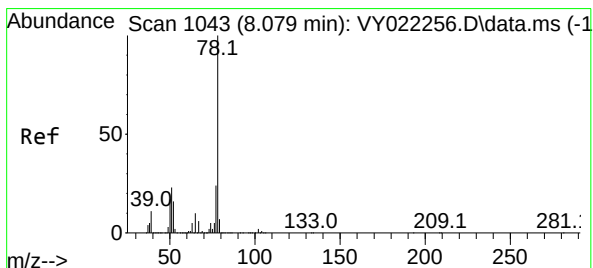
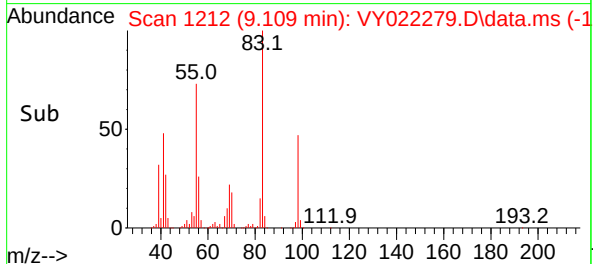
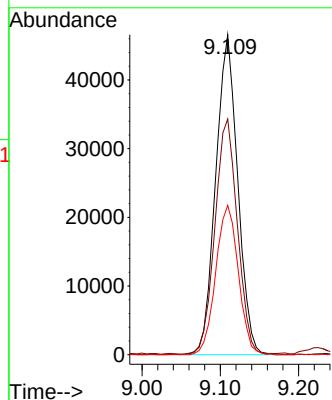
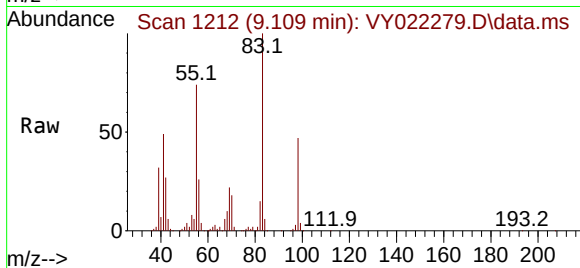
Tgt Ion: 83 Resp: 90967

Ion Ratio Lower Upper

83 100

55 73.5 60.6 90.8

98 46.6 40.0 60.0



#40

Benzene

Concen: 20.100 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022279.D

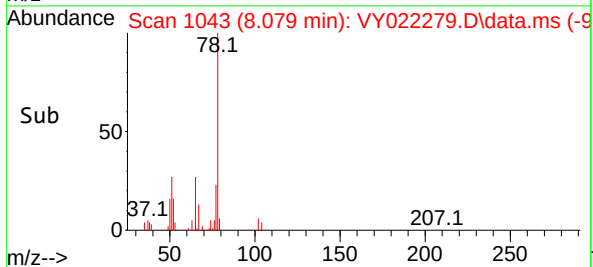
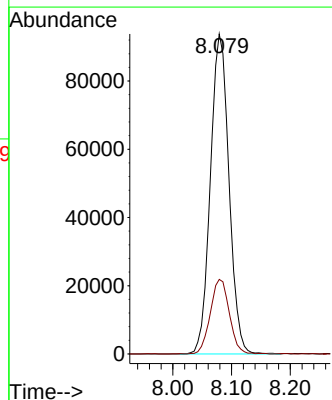
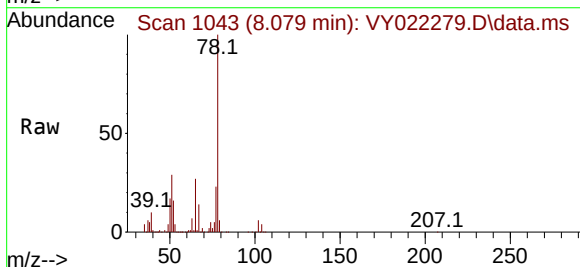
Acq: 16 May 2025 10:09

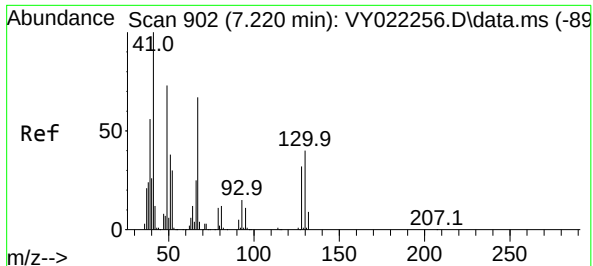
Tgt Ion: 78 Resp: 206032

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3

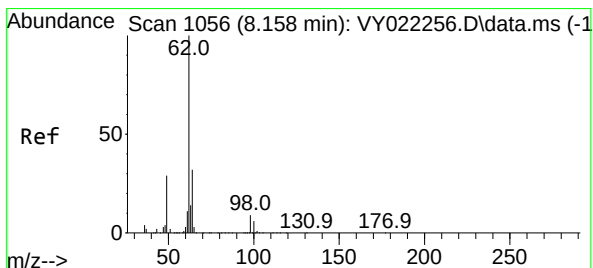
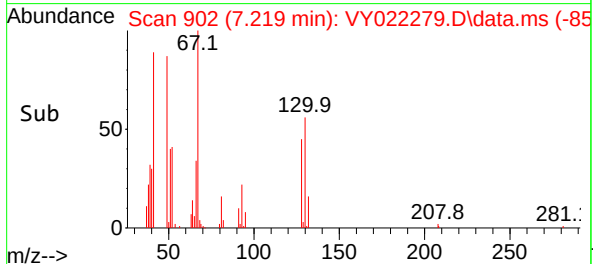
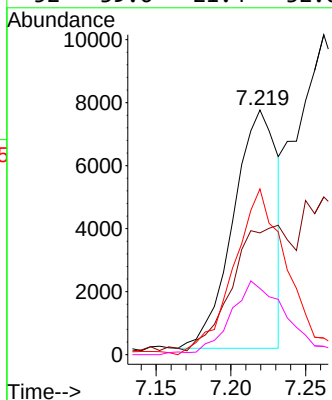
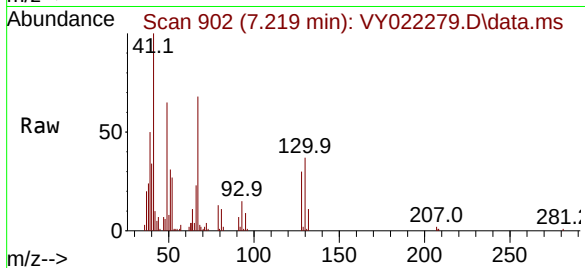




#41
Methacrylonitrile
Concen: 14.016 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

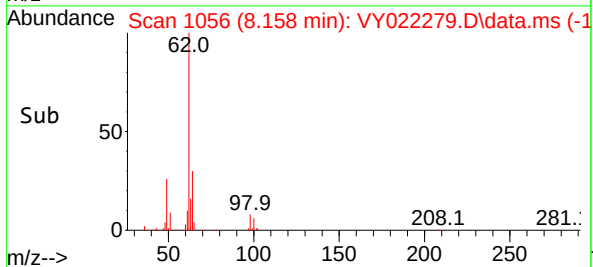
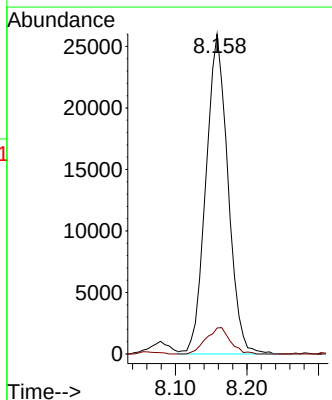
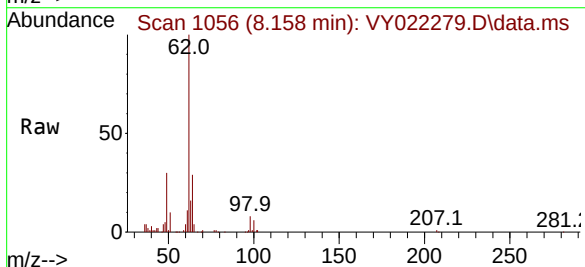
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

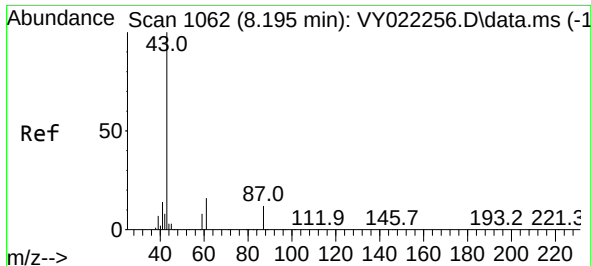
Tgt Ion: 41 Resp: 15467
Ion Ratio Lower Upper
41 100
39 71.9 39.1 58.7#
67 86.2 47.1 70.7#
52 39.6 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 62 Resp: 55663
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4

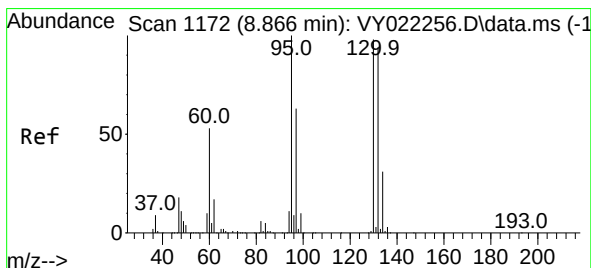
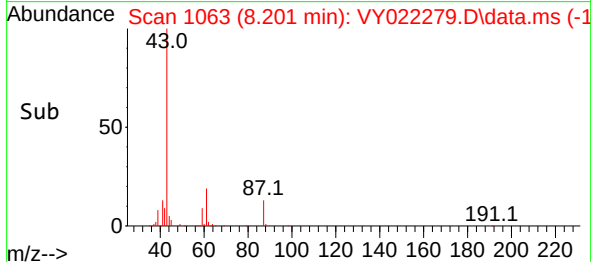
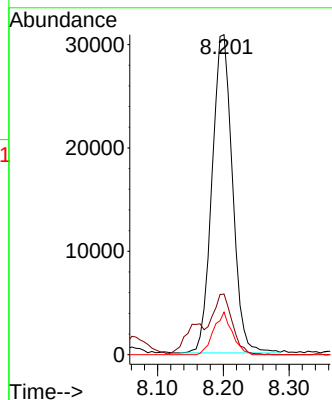
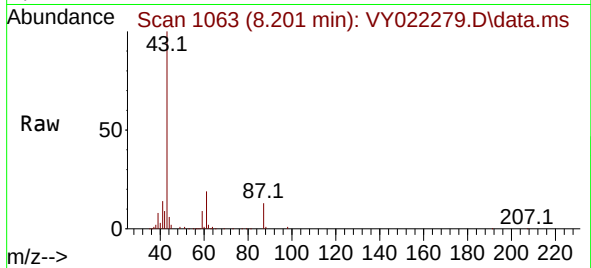




#43
Isopropyl Acetate
Concen: 18.350 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

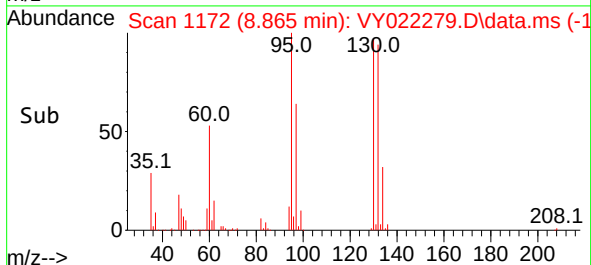
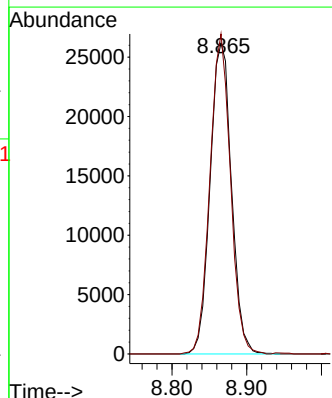
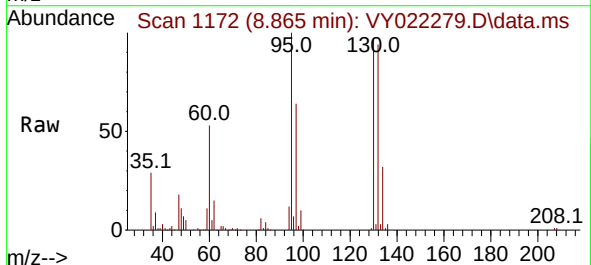
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

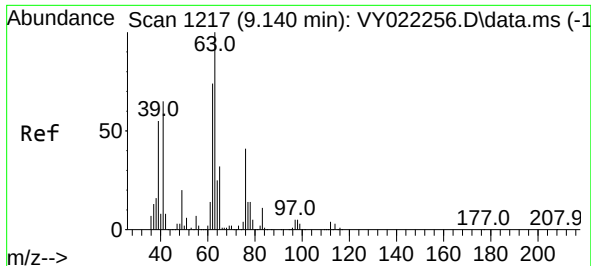
Tgt Ion: 43 Resp: 66577
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.1 9.7 14.5



#44
Trichloroethene
Concen: 20.403 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion:130 Resp: 52001
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.433 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

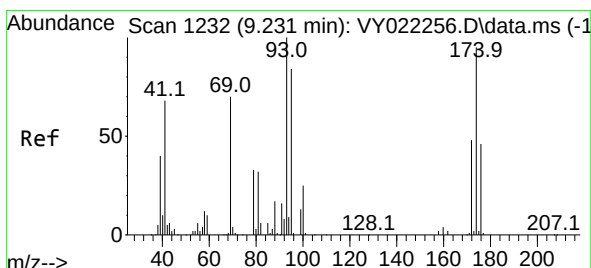
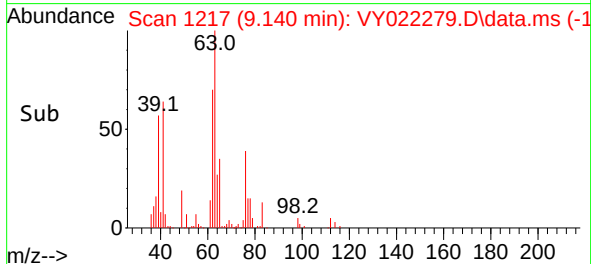
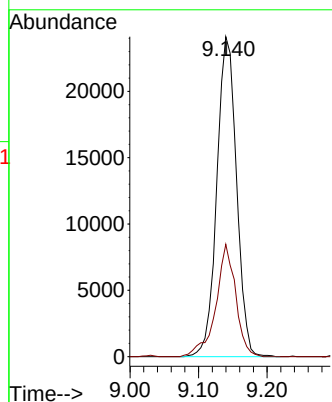
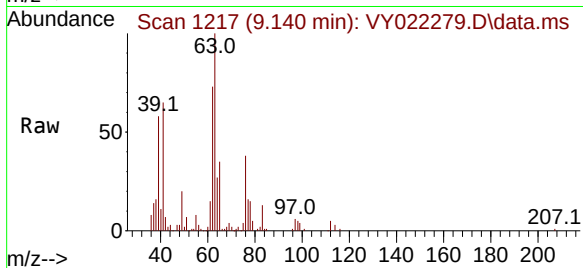
VY0516SBS01

Tgt Ion: 63 Resp: 48024

Ion Ratio Lower Upper

63 100

65 35.1 25.7 38.5



#46

Dibromomethane

Concen: 19.529 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

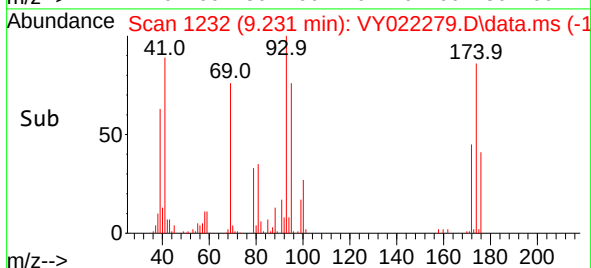
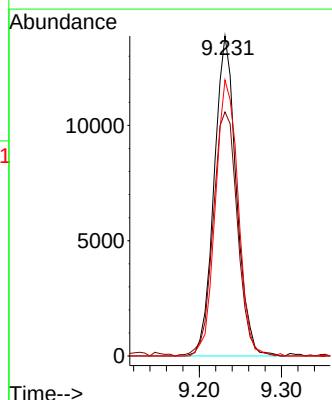
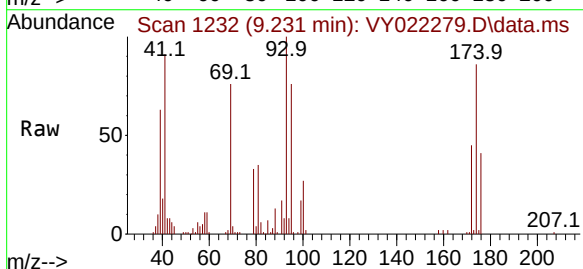
Tgt Ion: 93 Resp: 26030

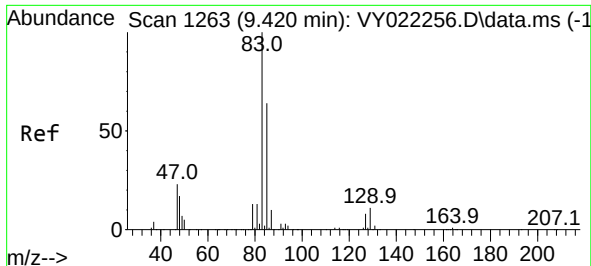
Ion Ratio Lower Upper

93 100

95 83.5 65.2 97.8

174 88.1 74.3 111.5

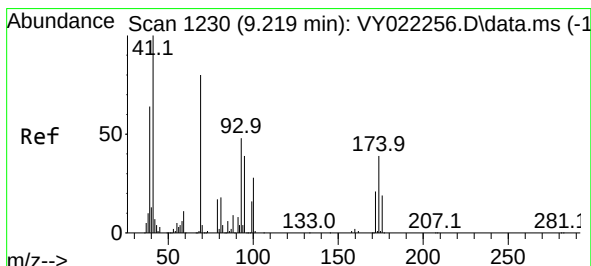
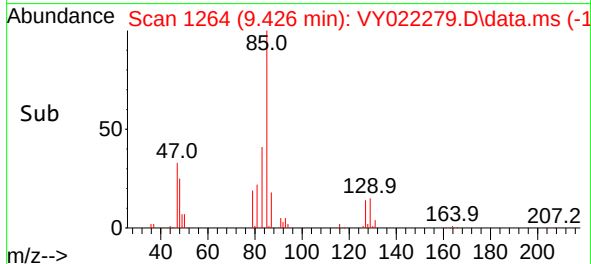
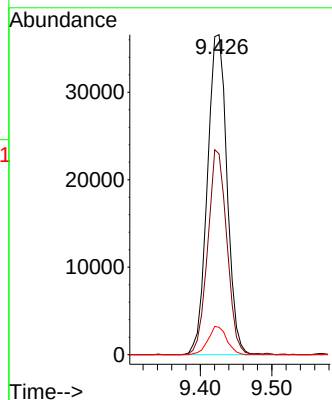
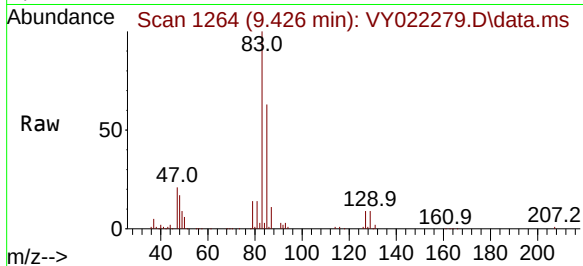




#47
Bromodichloromethane
Concen: 20.153 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

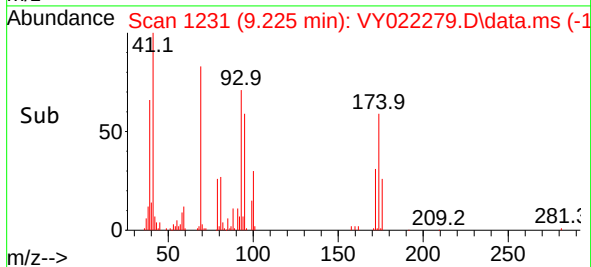
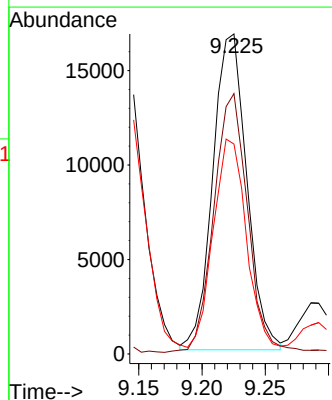
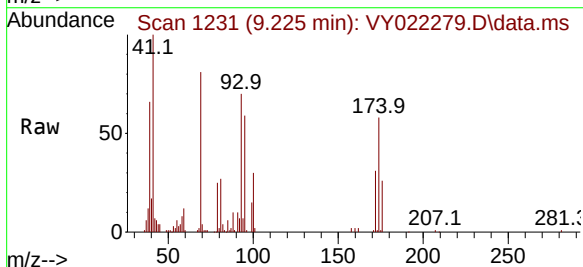
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

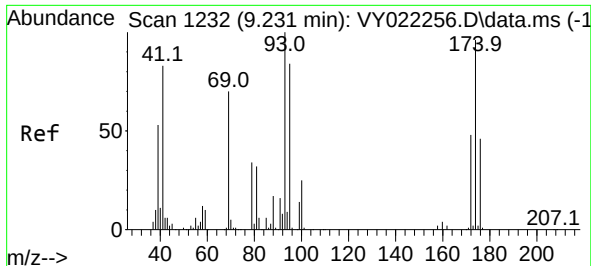
Tgt Ion: 83 Resp: 69687
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 18.429 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 41 Resp: 31270
Ion Ratio Lower Upper
41 100
69 81.4 63.5 95.3
39 63.7 50.8 76.2





#49

1,4-Dioxane

Concen: 361.945 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

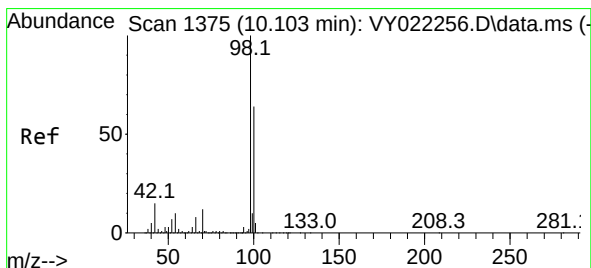
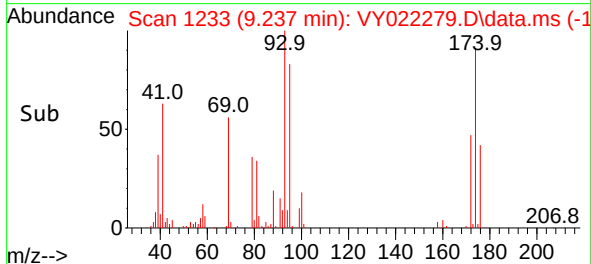
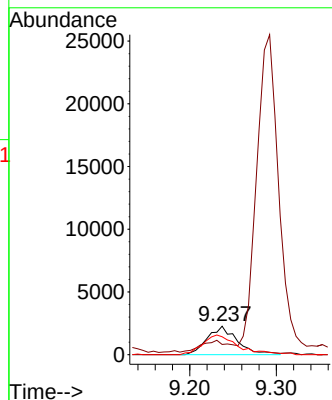
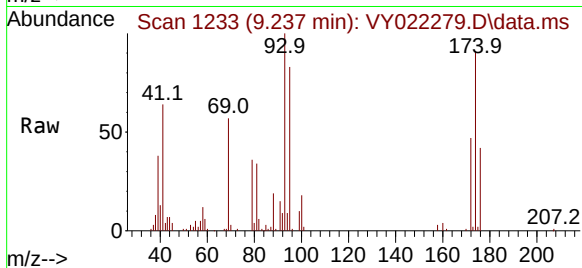
Tgt Ion: 88 Resp: 5450

Ion Ratio Lower Upper

88 100

43 35.9 28.5 42.7

58 82.6 61.4 92.2



#50

Toluene-d8

Concen: 50.903 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022279.D

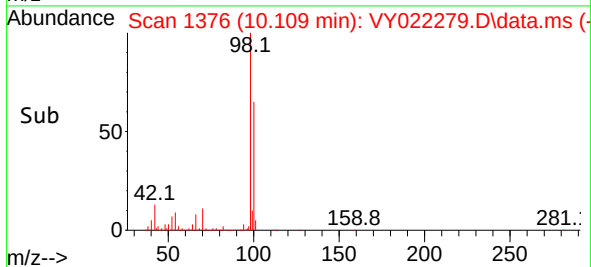
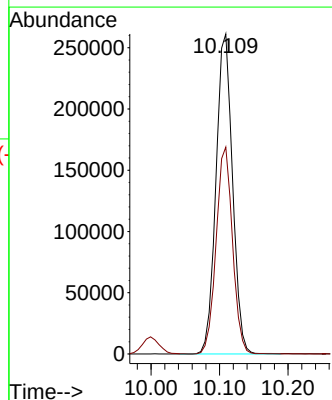
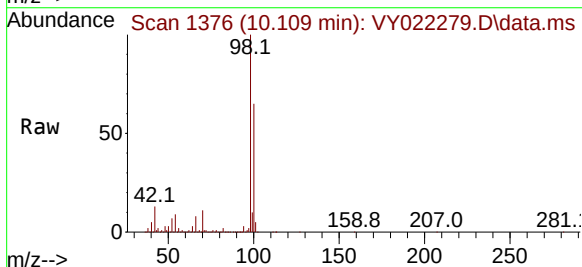
Acq: 16 May 2025 10:09

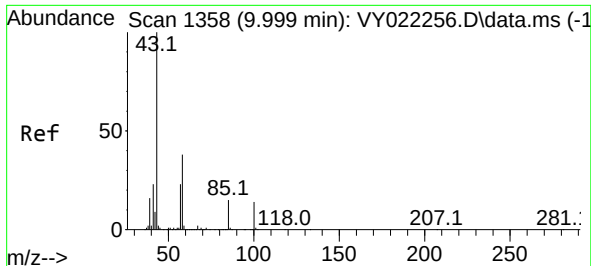
Tgt Ion: 98 Resp: 437632

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8

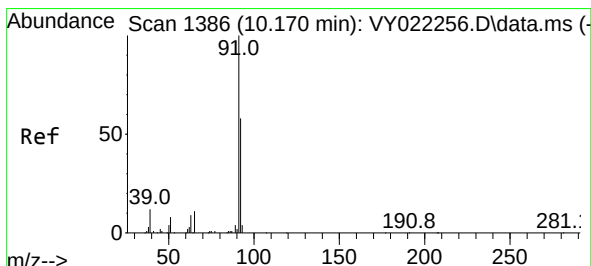
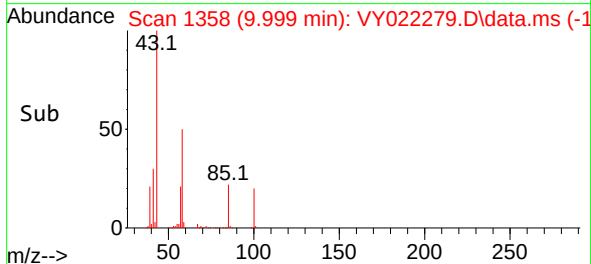
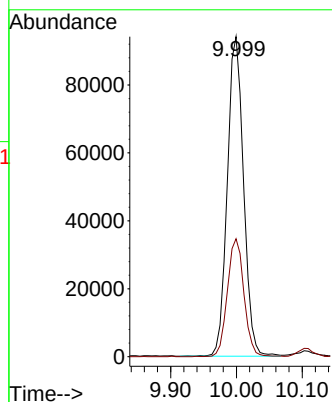
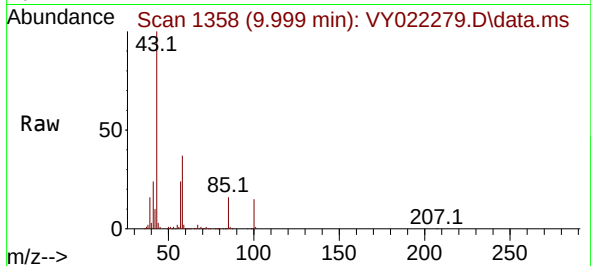




#51
4-Methyl-2-Pentanone
Concen: 90.873 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

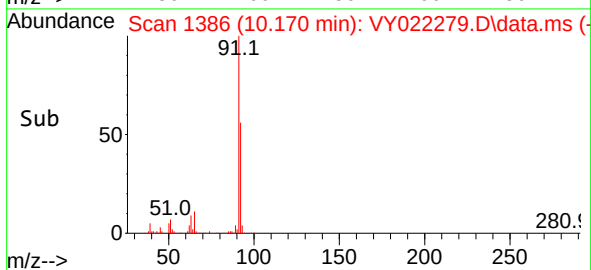
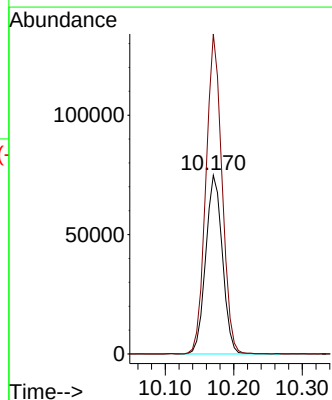
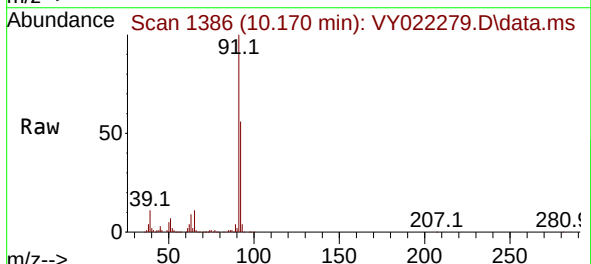
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

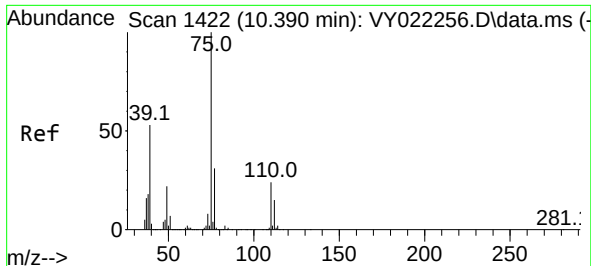
Tgt Ion: 43 Resp: 161776
Ion Ratio Lower Upper
43 100
58 37.8 29.4 44.2



#52
Toluene
Concen: 19.501 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 92 Resp: 126577
Ion Ratio Lower Upper
92 100
91 173.0 139.1 208.7

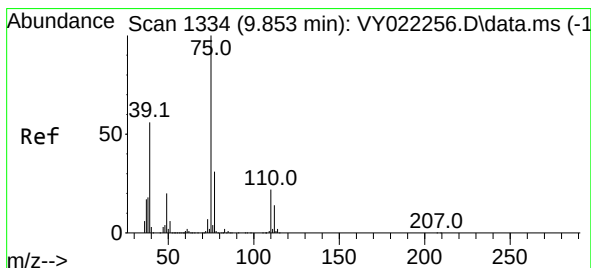
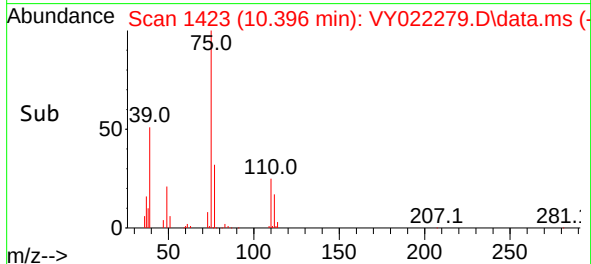
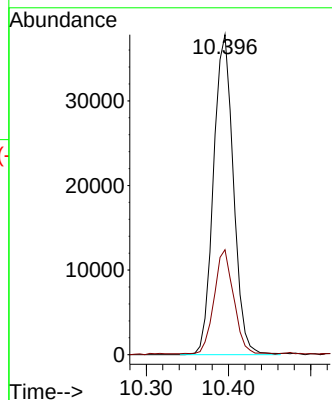
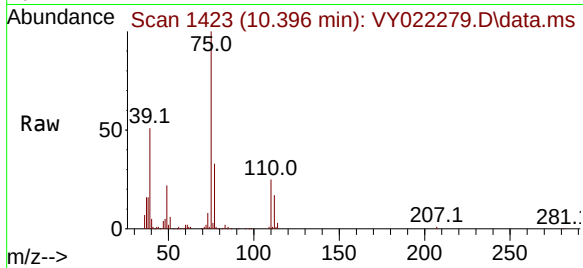




#53
t-1,3-Dichloropropene
Concen: 18.860 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

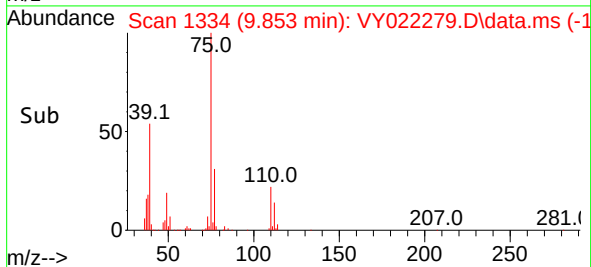
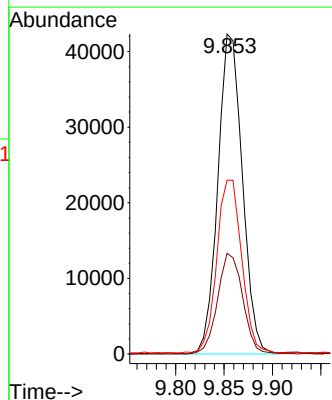
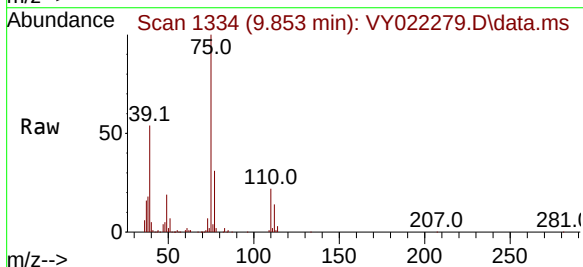
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

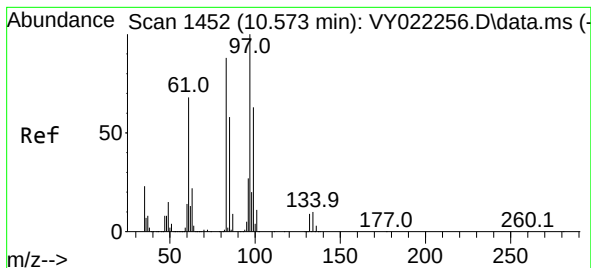
Tgt Ion: 75 Resp: 63643
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.261 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 75 Resp: 74469
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 54.0 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 19.714 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

Tgt Ion: 97 Resp: 33647

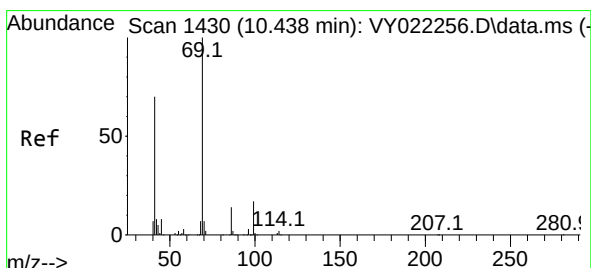
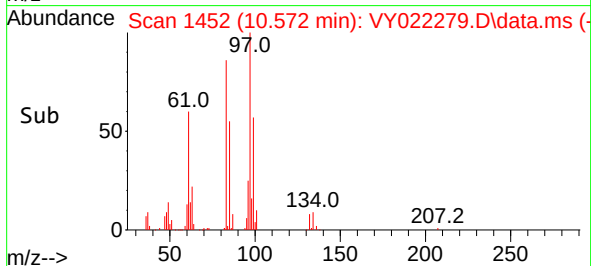
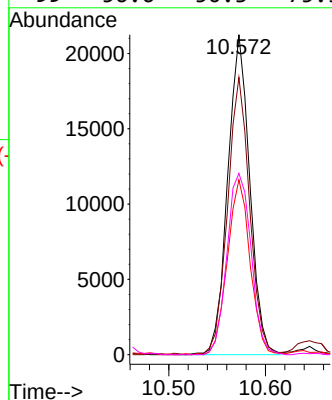
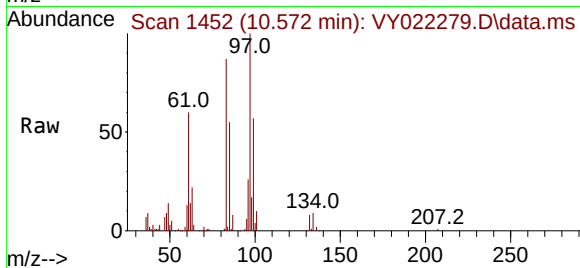
Ion Ratio Lower Upper

97 100

83 86.4 70.3 105.5

85 54.7 46.2 69.4

99 56.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.299 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

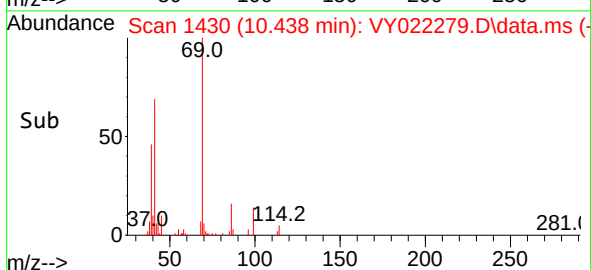
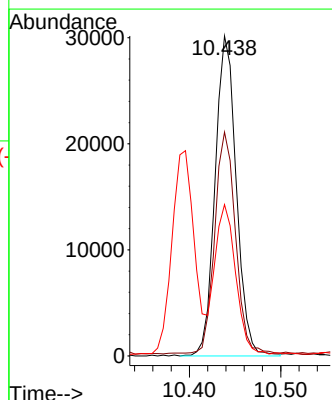
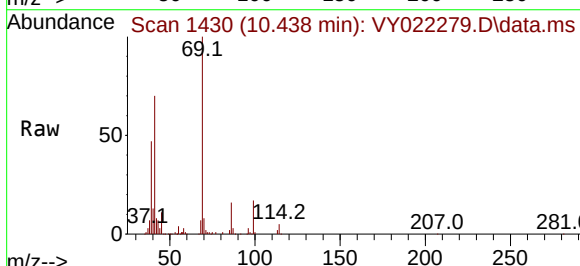
Tgt Ion: 69 Resp: 48650

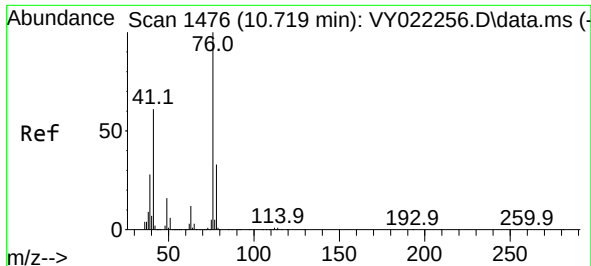
Ion Ratio Lower Upper

69 100

41 68.1 56.5 84.7

39 44.5 37.1 55.7





#57

1,3-Dichloropropane

Concen: 19.185 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

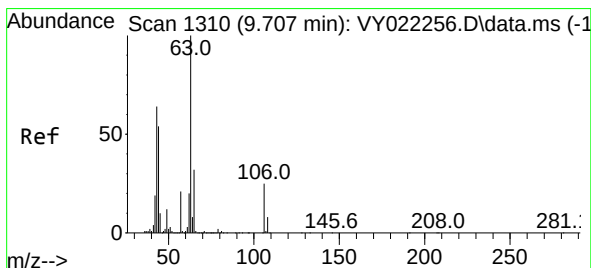
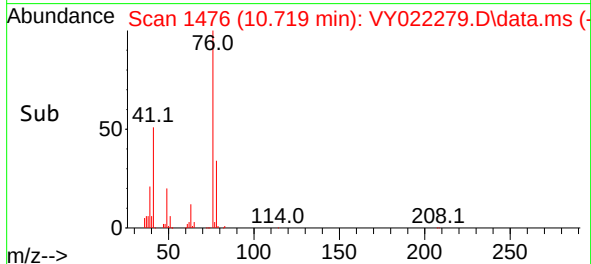
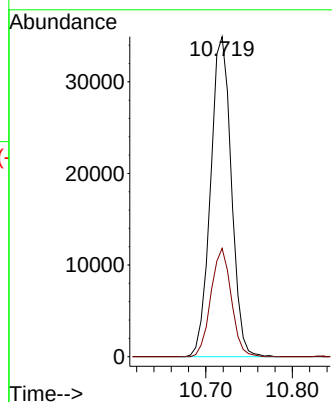
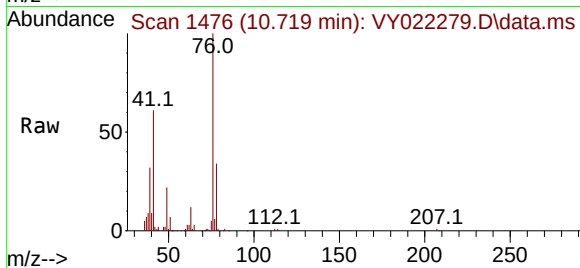
VY0516SBS01

Tgt Ion: 76 Resp: 58178

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 83.786 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022279.D

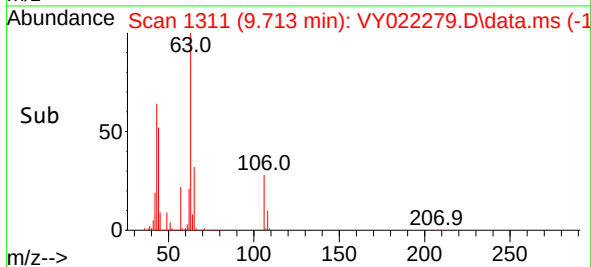
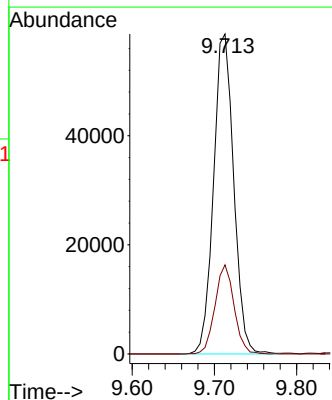
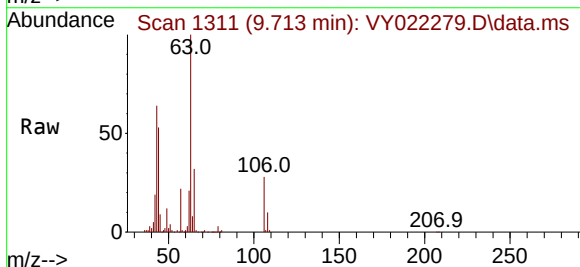
Acq: 16 May 2025 10:09

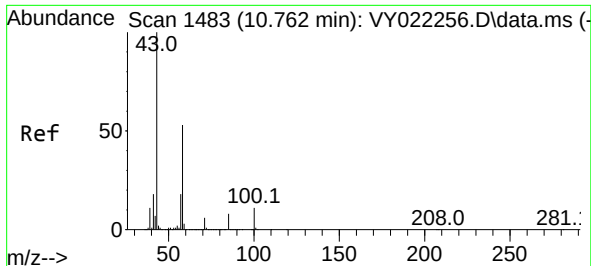
Tgt Ion: 63 Resp: 99985

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4

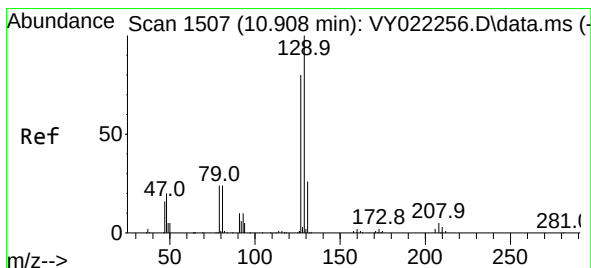
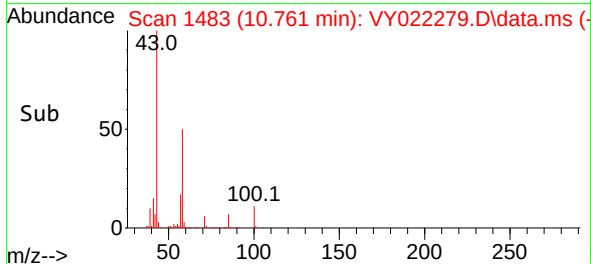
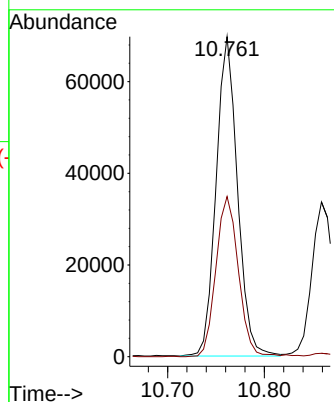
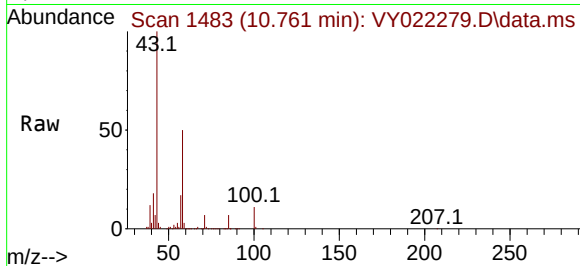




#59
2-Hexanone
Concen: 89.217 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

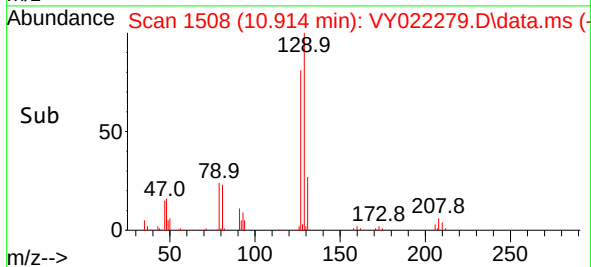
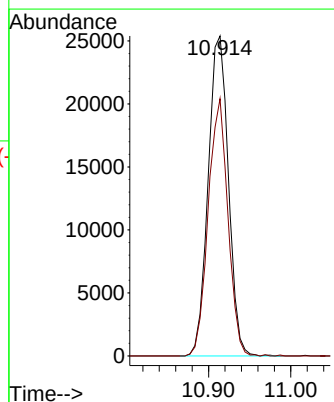
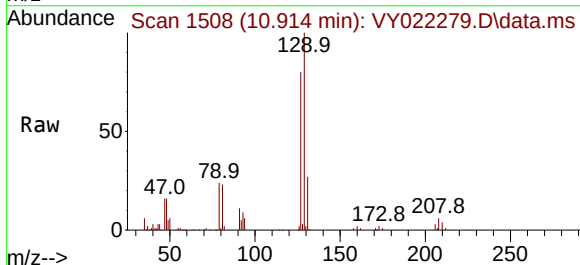
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

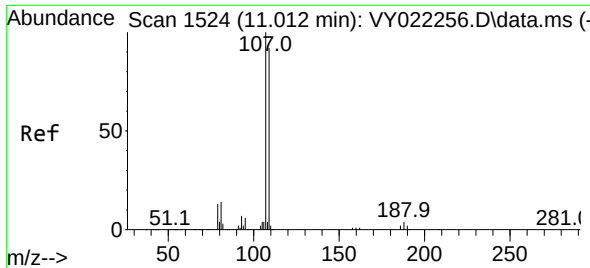
Tgt Ion: 43 Resp: 106492
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.3



#60
Dibromochloromethane
Concen: 19.586 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 129 Resp: 43390
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.7

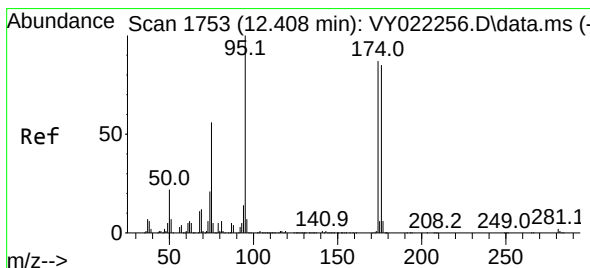
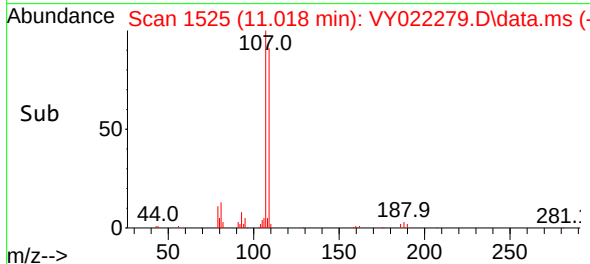
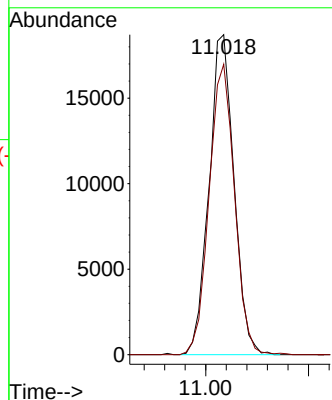
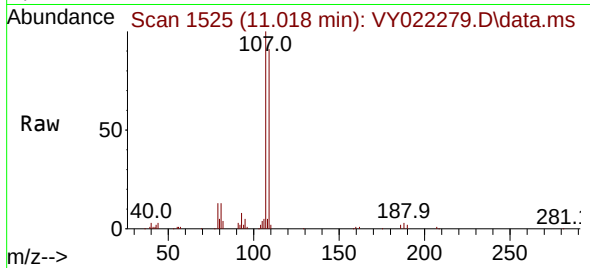




#61
1,2-Dibromoethane
Concen: 19.811 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

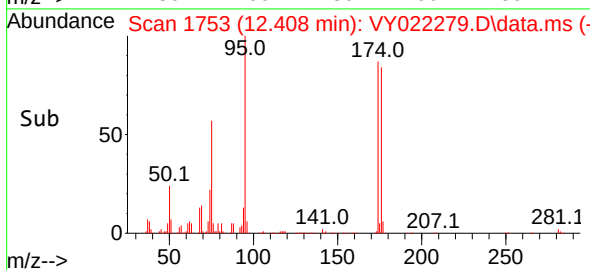
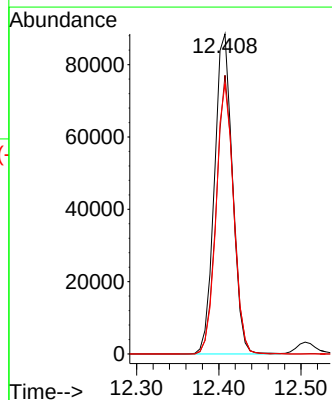
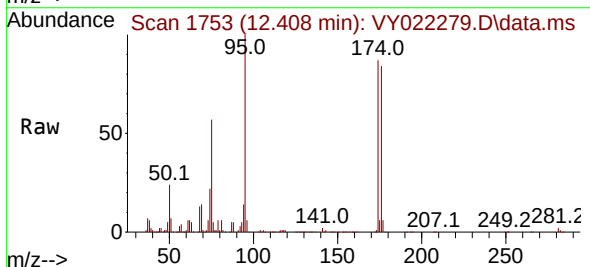
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

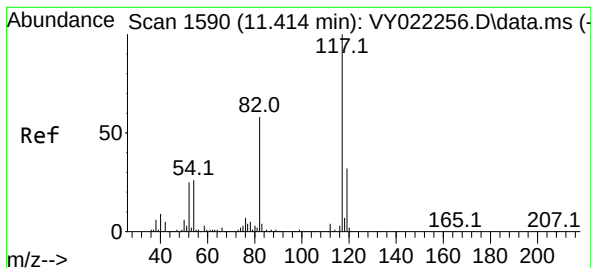
Tgt Ion:107 Resp: 31515
Ion Ratio Lower Upper
107 100
109 92.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.426 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 95 Resp: 134691
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.8
176 82.1 0.0 160.8

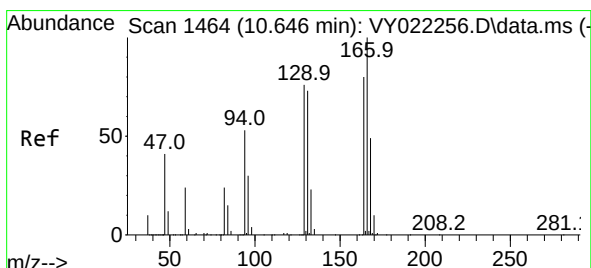
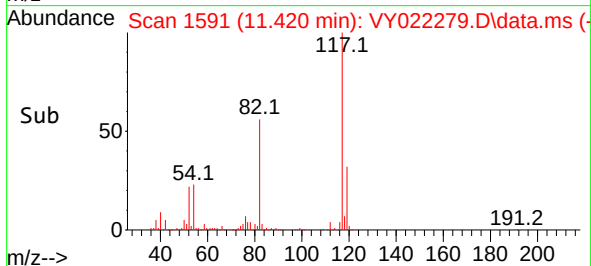
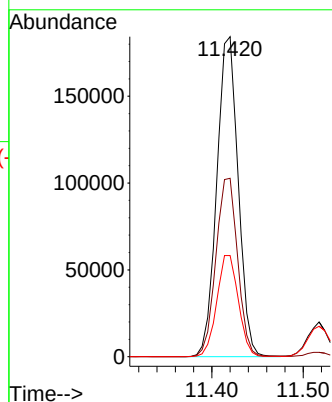
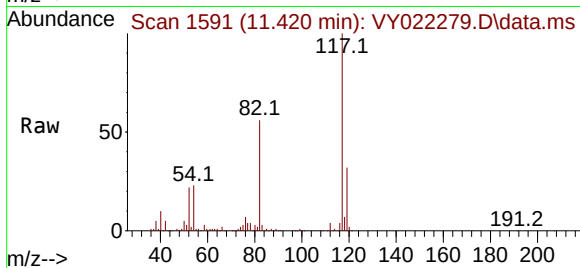




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

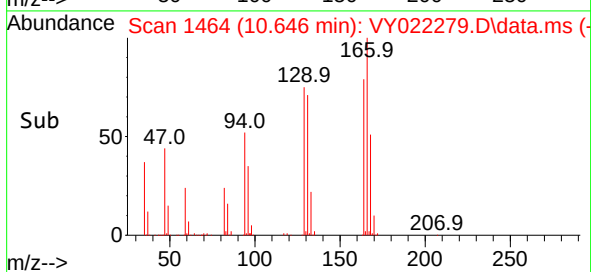
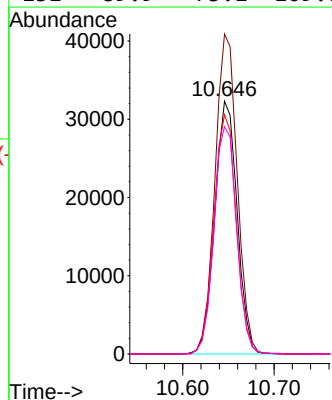
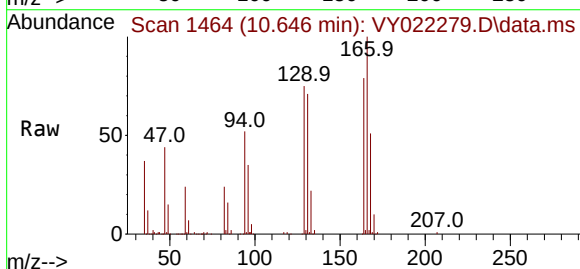
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

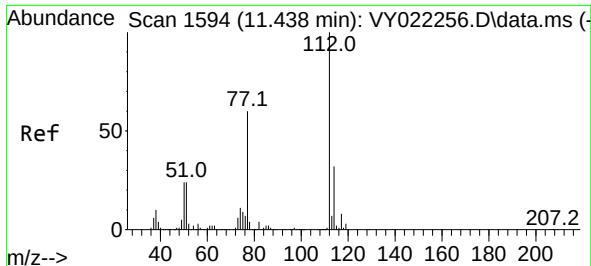
Tgt Ion:117 Resp: 300126
Ion Ratio Lower Upper
117 100
82 55.8 46.6 70.0
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.759 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion:164 Resp: 54813
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 94.6 76.4 114.6
131 89.9 73.1 109.7

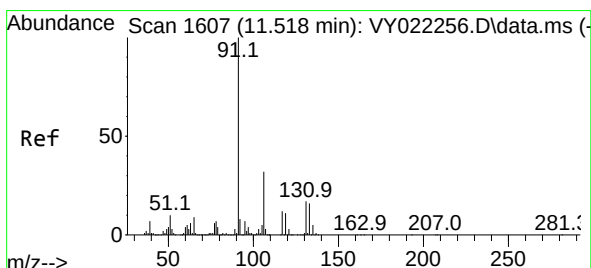
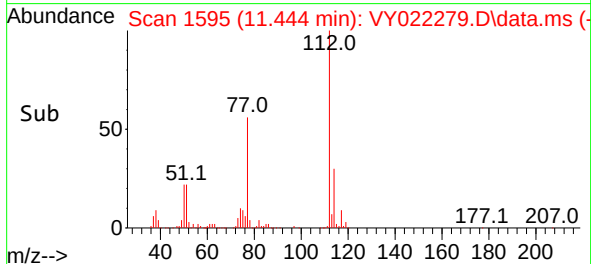
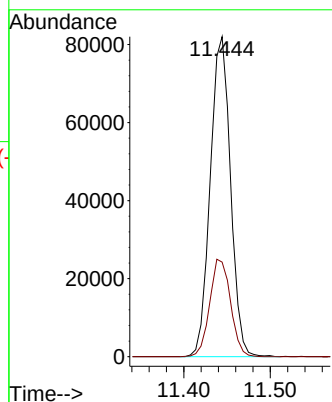
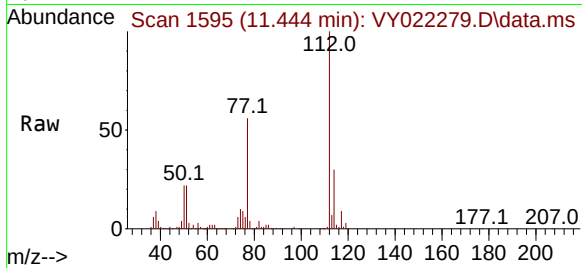




#65
Chlorobenzene
Concen: 19.679 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

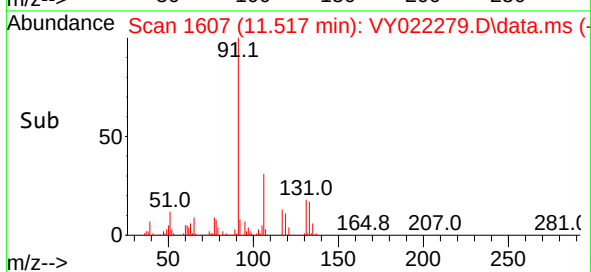
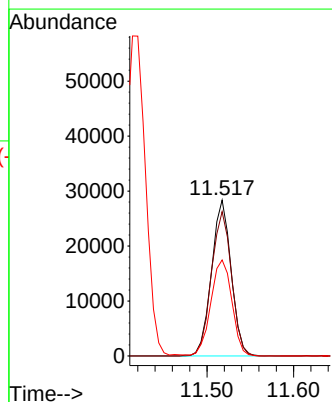
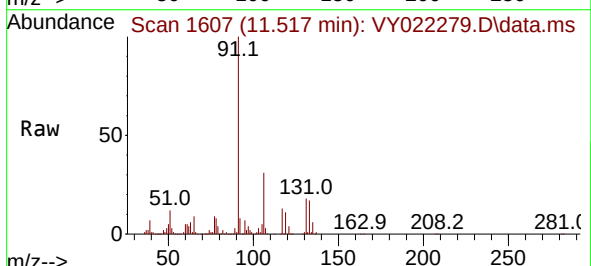
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

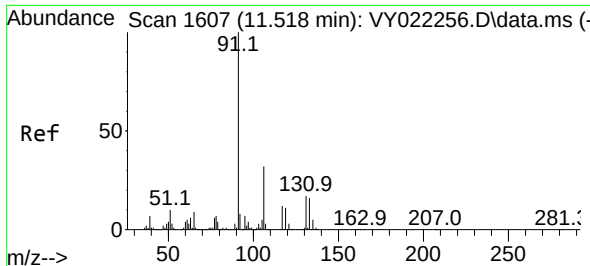
Tgt Ion:112 Resp: 133251
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.140 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion:131 Resp: 44554
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.3 33.1 99.2

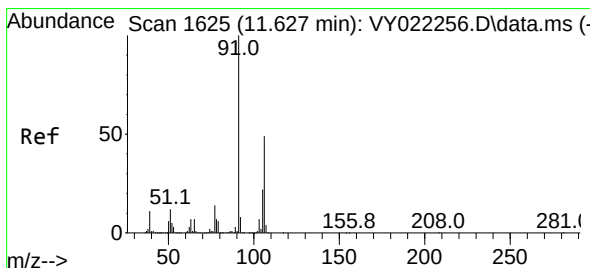
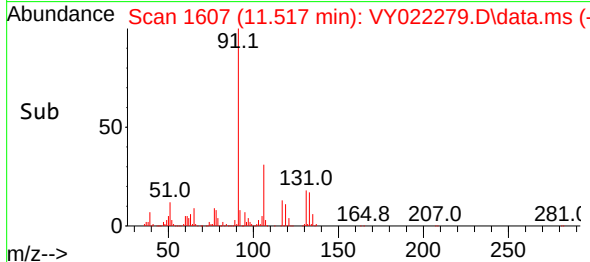
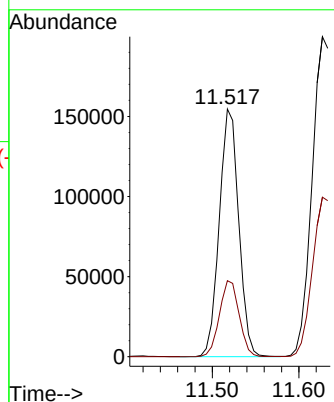
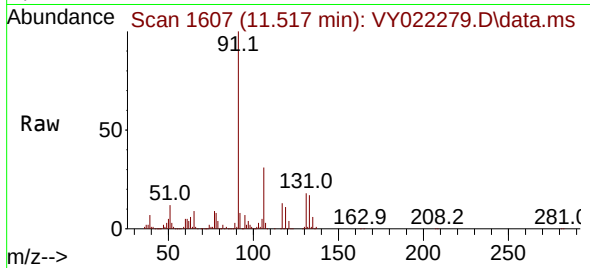




#67
Ethyl Benzene
Concen: 19.027 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

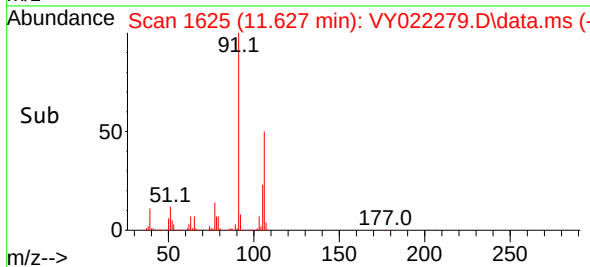
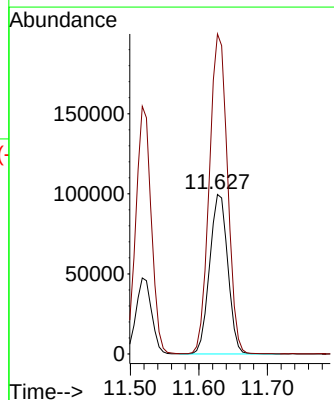
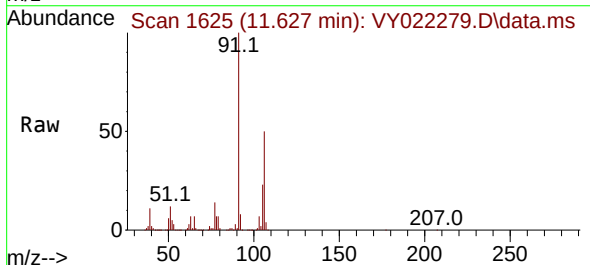
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

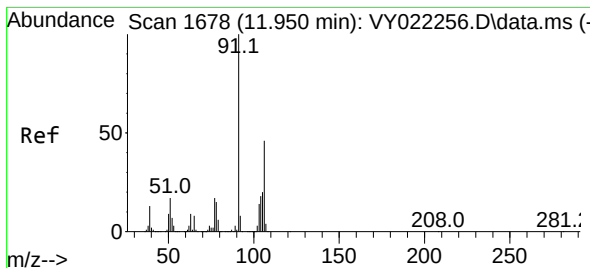
Tgt Ion: 91 Resp: 241283
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 38.444 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion:106 Resp: 183701
Ion Ratio Lower Upper
106 100
91 200.7 163.0 244.4





#69

o-Xylene

Concen: 19.379 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

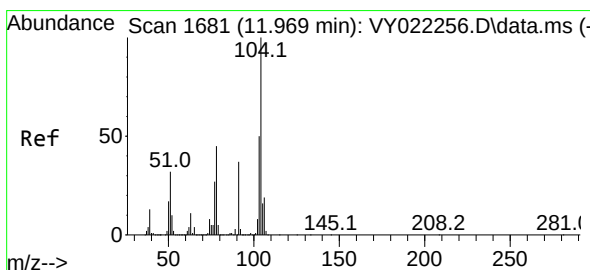
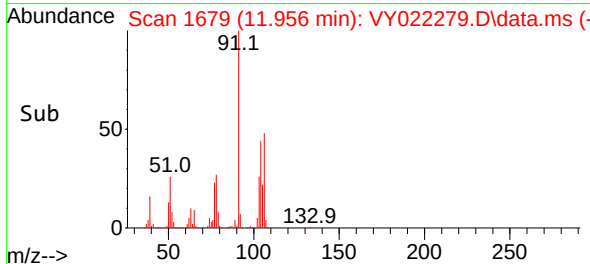
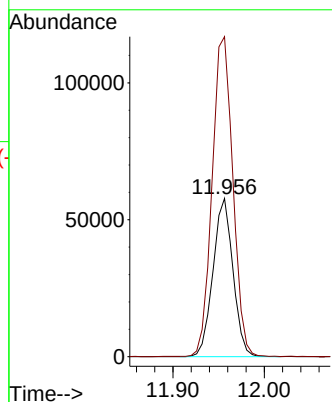
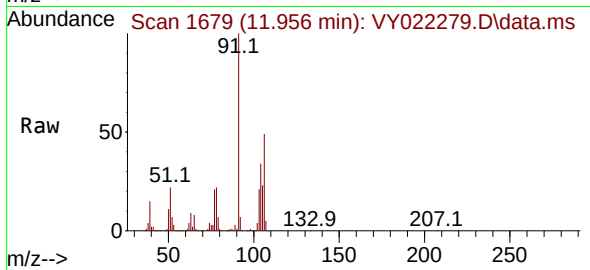
VY0516SBS01

Tgt Ion:106 Resp: 87610

Ion Ratio Lower Upper

106 100

91 209.7 108.3 324.8



#70

Styrene

Concen: 18.942 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

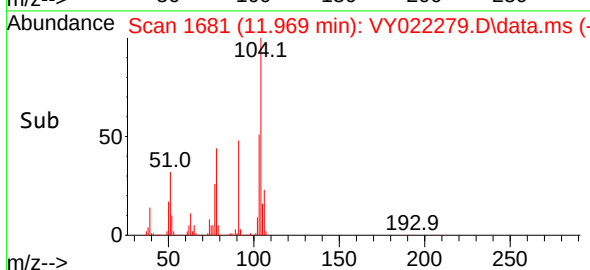
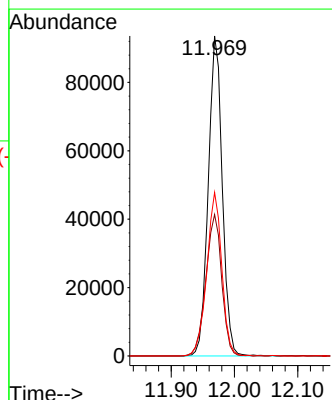
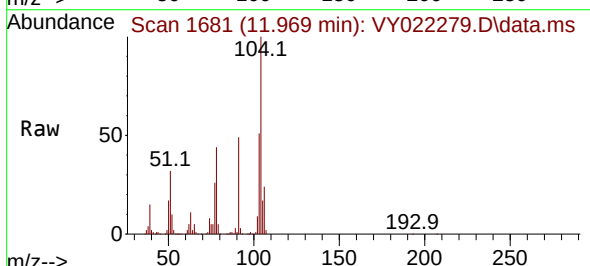
Tgt Ion:104 Resp: 144454

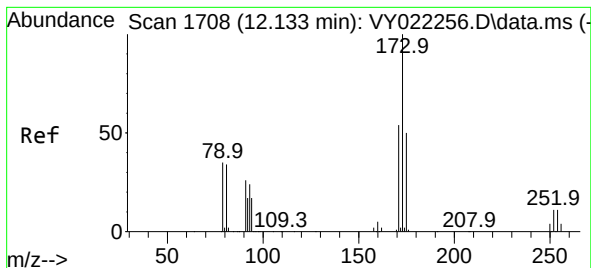
Ion Ratio Lower Upper

104 100

78 50.1 40.9 61.3

103 54.8 43.7 65.5





#71

Bromoform

Concen: 18.414 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

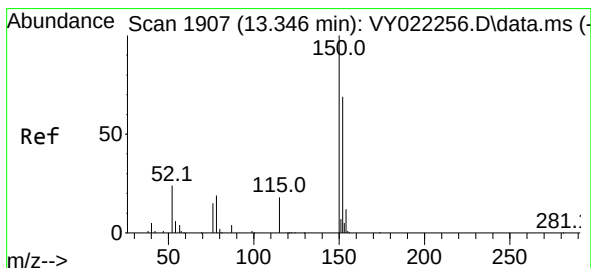
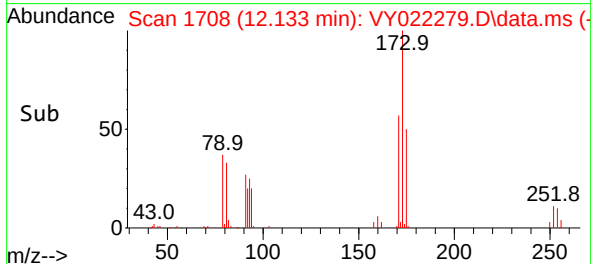
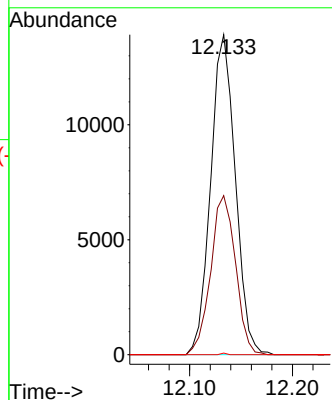
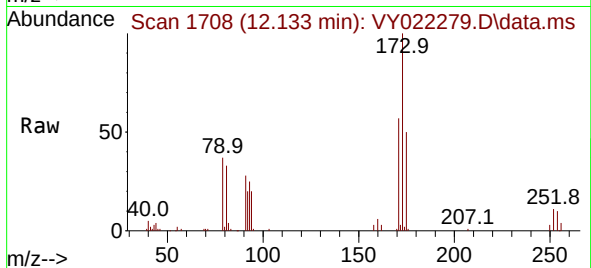
Tgt Ion:173 Resp: 23136

Ion Ratio Lower Upper

173 100

175 50.2 24.7 74.1

254 0.1 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: VY022279.D

Acq: 16 May 2025 10:09

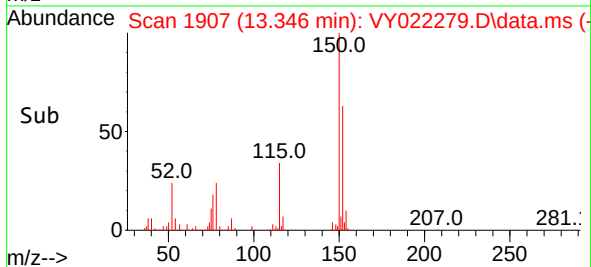
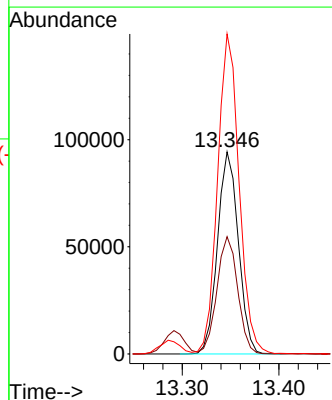
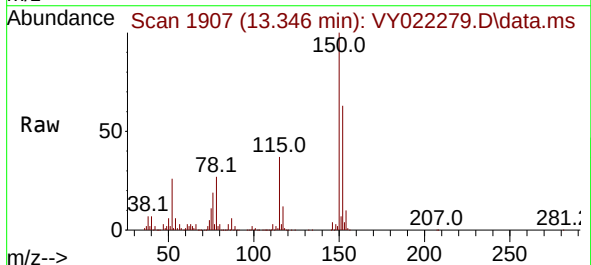
Tgt Ion:152 Resp: 141210

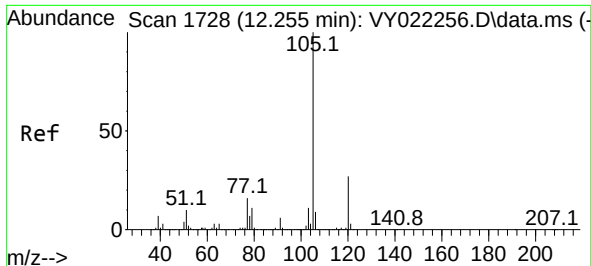
Ion Ratio Lower Upper

152 100

115 57.8 29.4 88.2

150 162.9 0.0 353.8

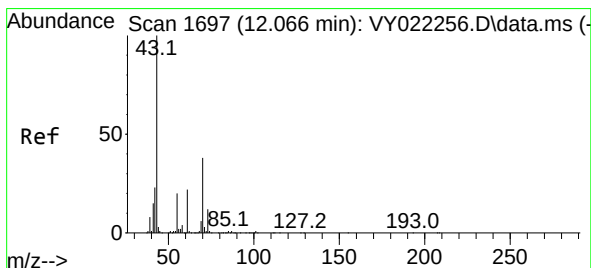
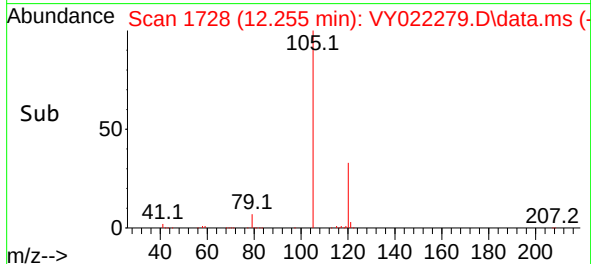
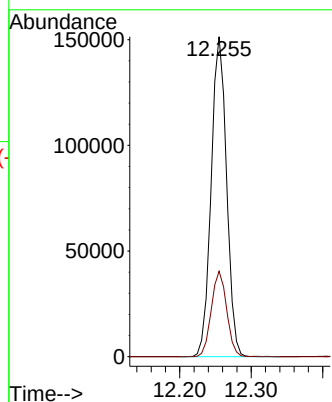
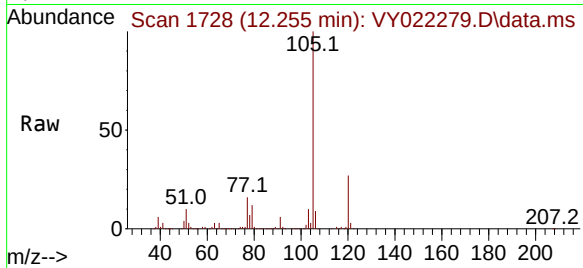




#73
Isopropylbenzene
Concen: 19.344 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

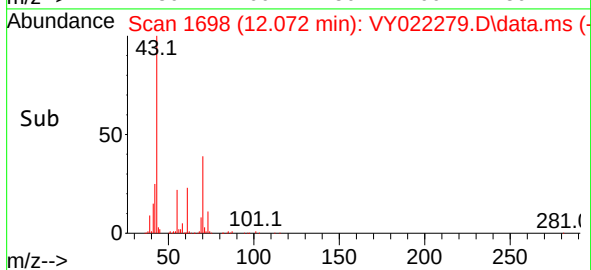
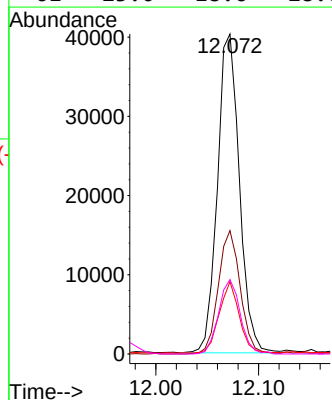
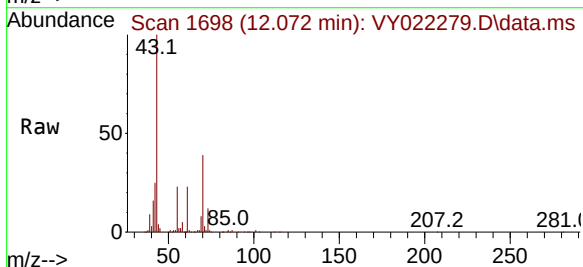
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

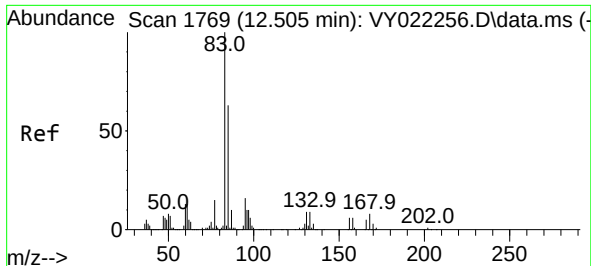
Tgt Ion:105 Resp: 226293
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 17.844 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 43 Resp: 59704
Ion Ratio Lower Upper
43 100
70 38.6 31.4 47.0
55 20.6 17.0 25.6
61 23.0 18.6 28.0

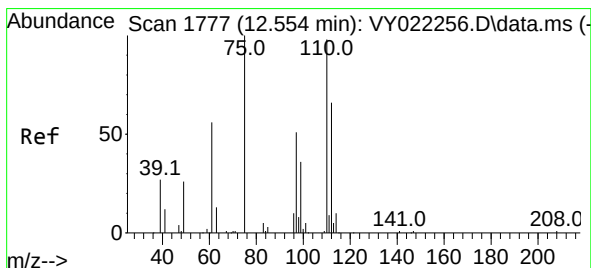
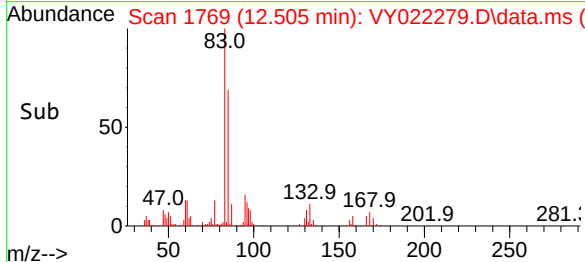
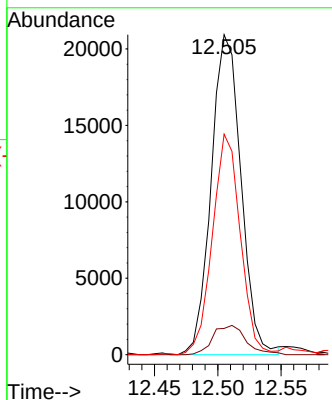
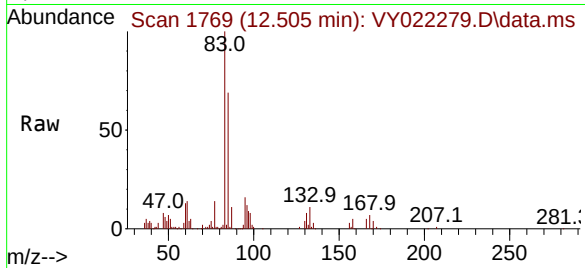




#75
1,1,2,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

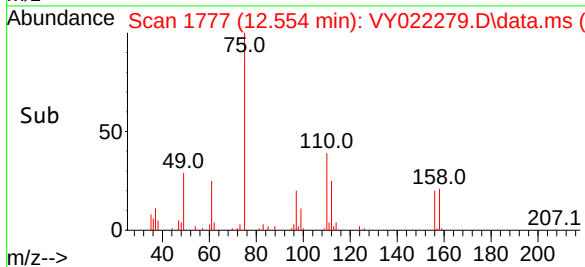
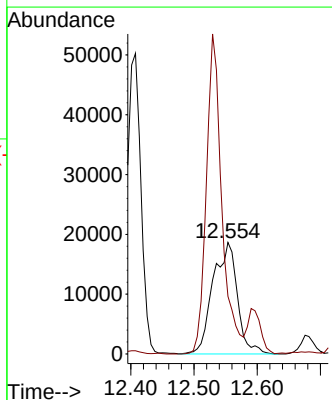
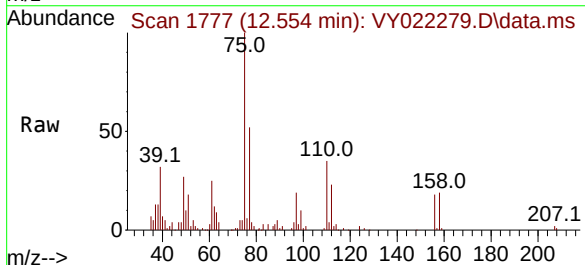
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

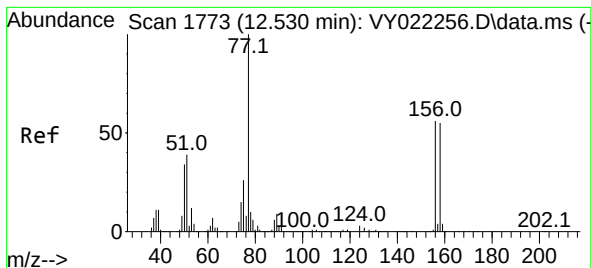
Tgt Ion: 83 Resp: 34300
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 64.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 34.975 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 75 Resp: 50035
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.904 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

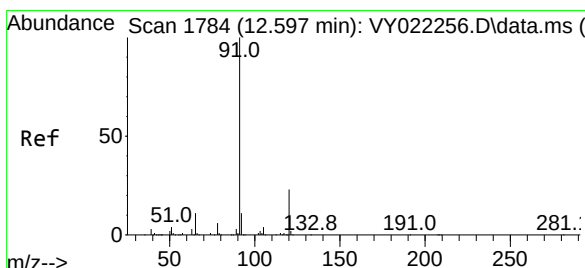
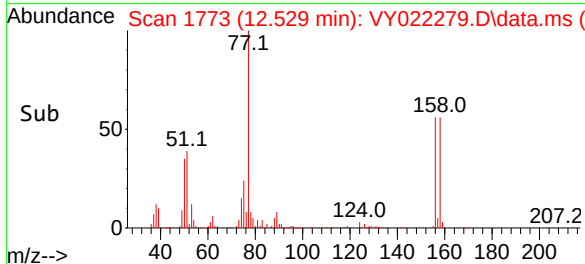
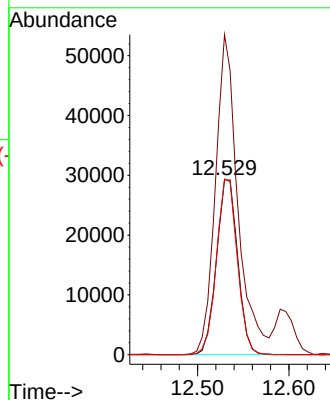
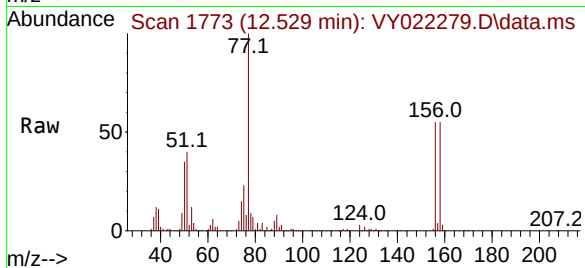
Tgt Ion:156 Resp: 47234

Ion Ratio Lower Upper

156 100

77 193.6 94.5 283.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.430 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022279.D

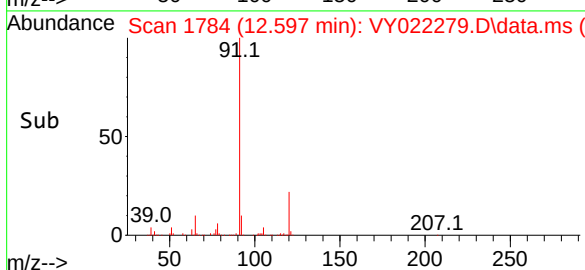
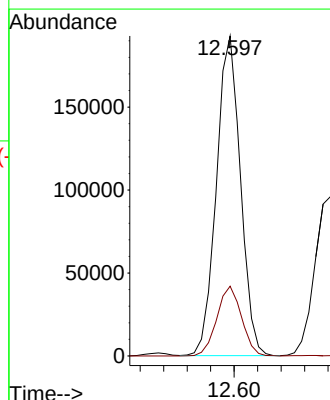
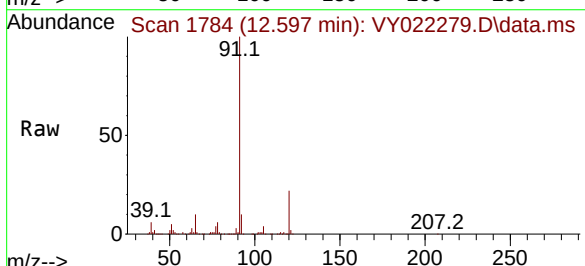
Acq: 16 May 2025 10:09

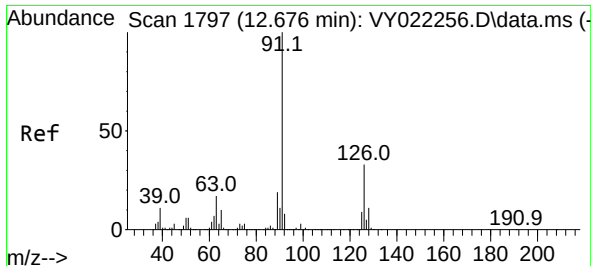
Tgt Ion: 91 Resp: 274165

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3

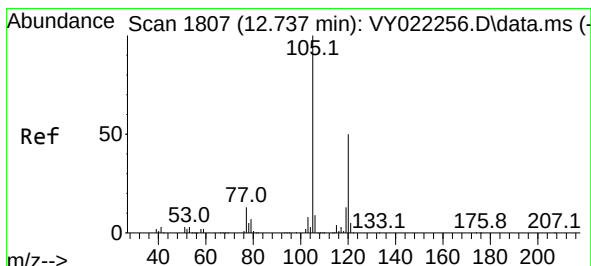
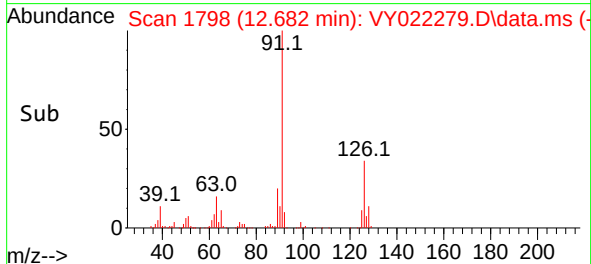
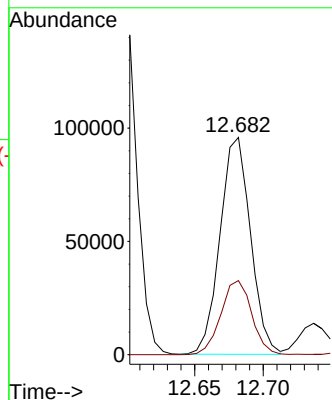
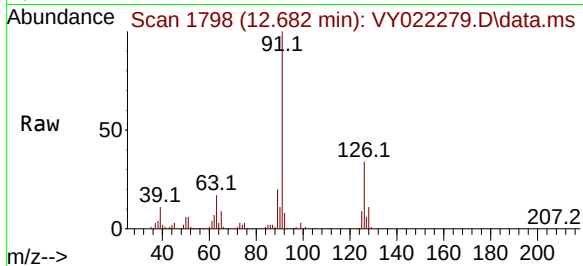




#79
2-Chlorotoluene
Concen: 19.125 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

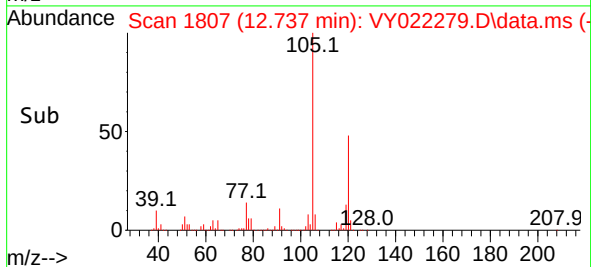
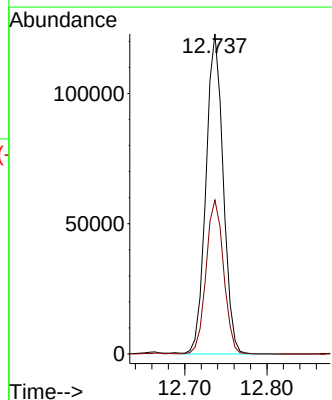
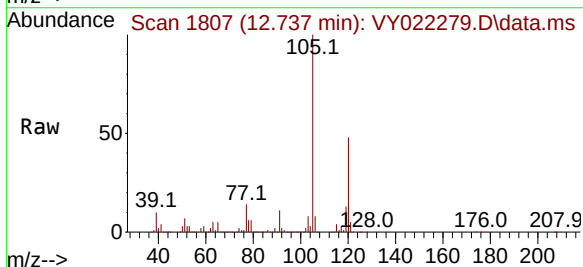
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

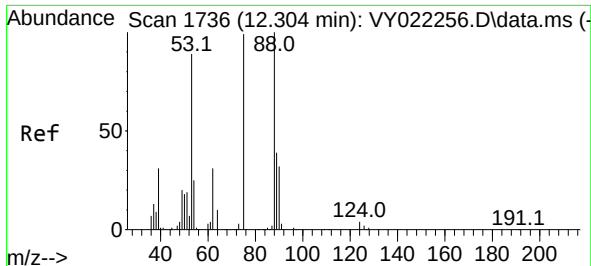
Tgt Ion: 91 Resp: 148305
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 18.943 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion: 105 Resp: 178884
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

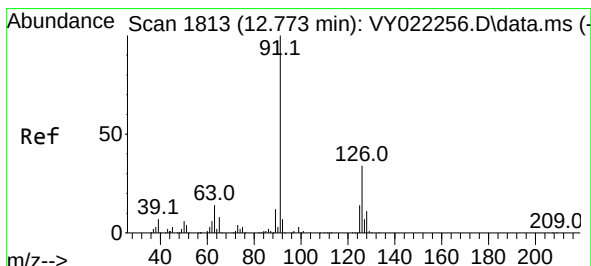
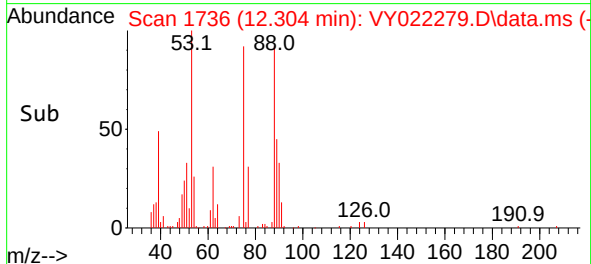
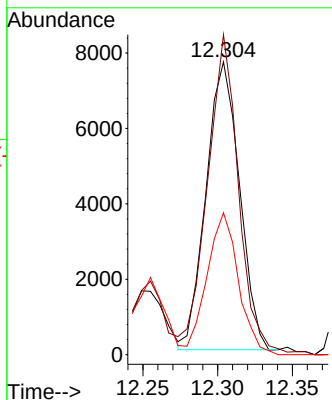
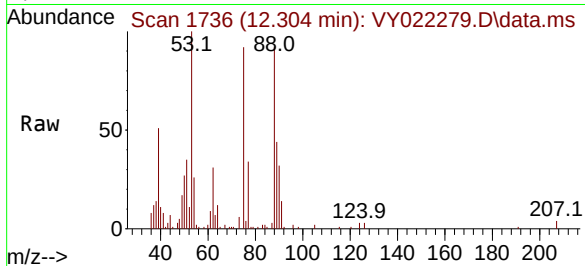




#81
trans-1,4-Dichloro-2-butene
Concen: 16.775 ug/l
RT: 12.304 min Scan# 11847
Delta R.T. -0.000 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

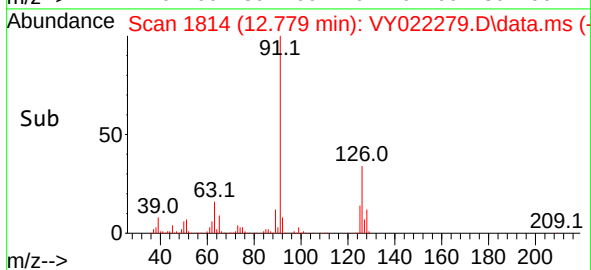
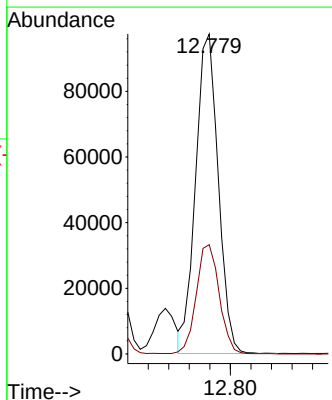
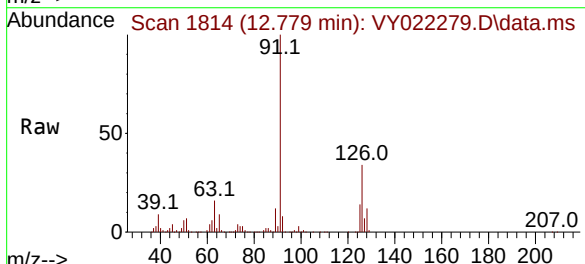
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS01

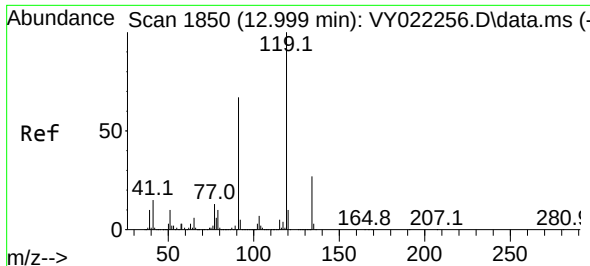
Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.1	75.8	113.8
89	46.1	36.2	54.2



#82
4-Chlorotoluene
Concen: 18.660 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022279.D
Acq: 16 May 2025 10:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.8	50.4

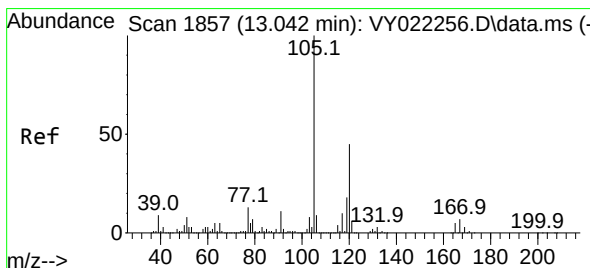
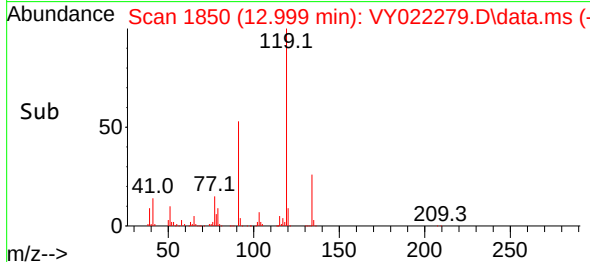
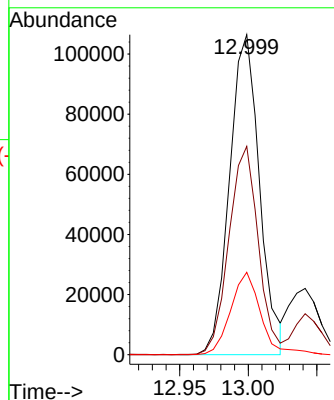
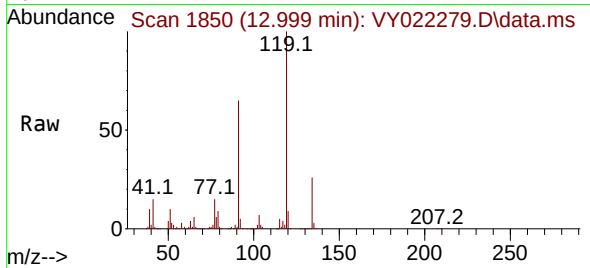




#83
 tert-Butylbenzene
 Concen: 19.292 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

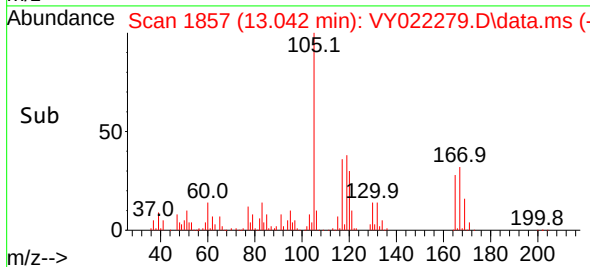
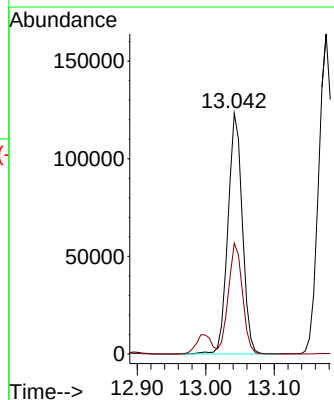
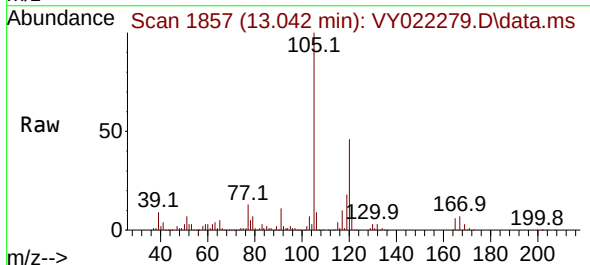
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

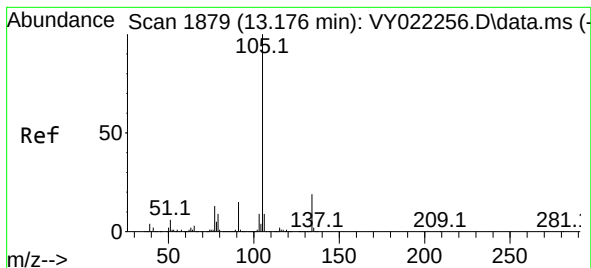
Tgt Ion:119 Resp: 161923
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.8 98.3
 134 26.0 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.163 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion:105 Resp: 179642
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.219 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

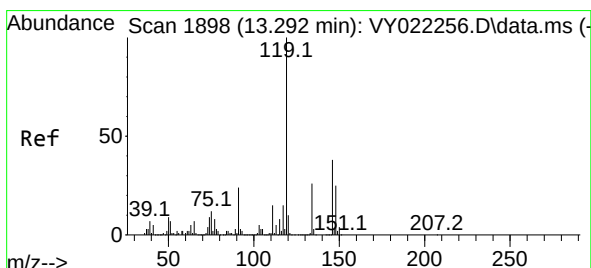
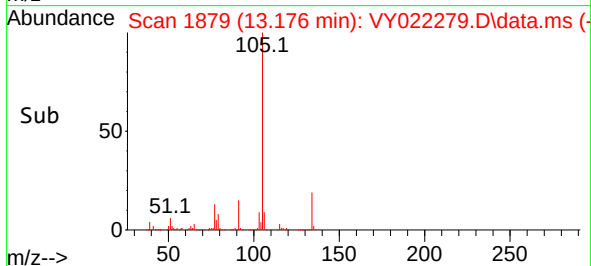
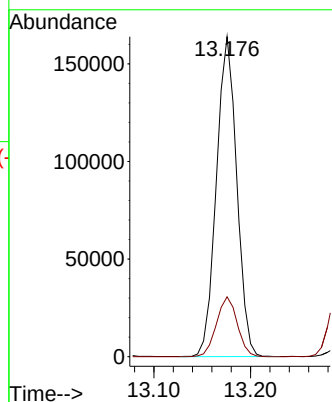
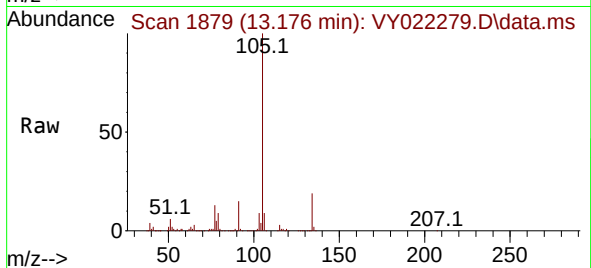
VY0516SBS01

Tgt Ion:105 Resp: 239464

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.5



#86

p-Isopropyltoluene

Concen: 18.872 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

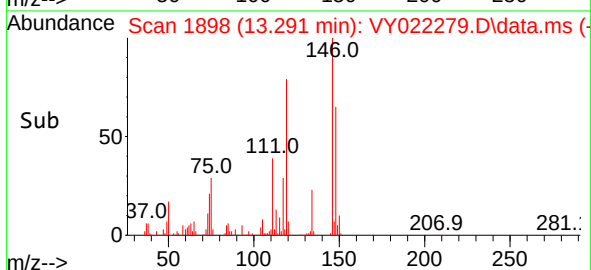
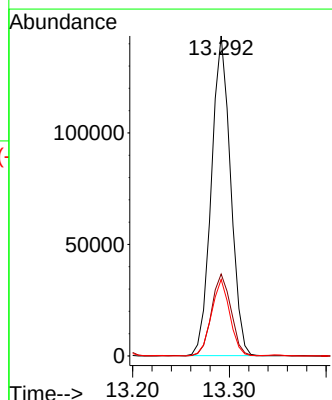
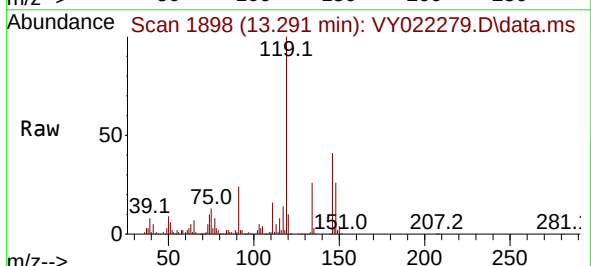
Tgt Ion:119 Resp: 197757

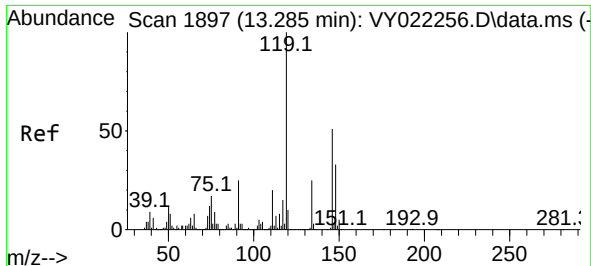
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 22.8 12.1 36.3

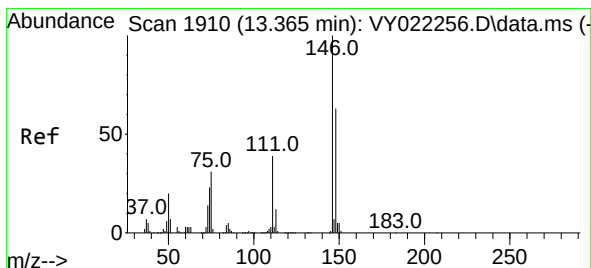
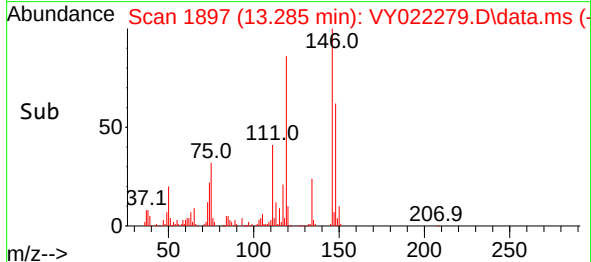
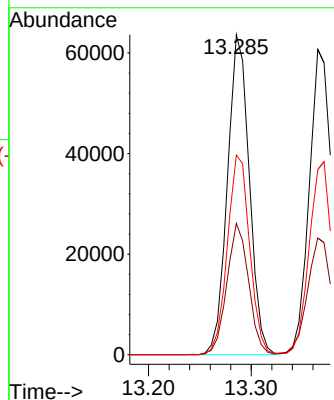
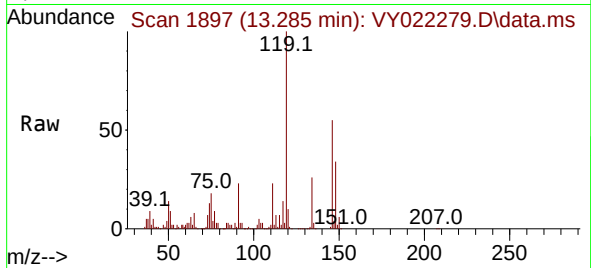




#87
 1,3-Dichlorobenzene
 Concen: 18.416 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

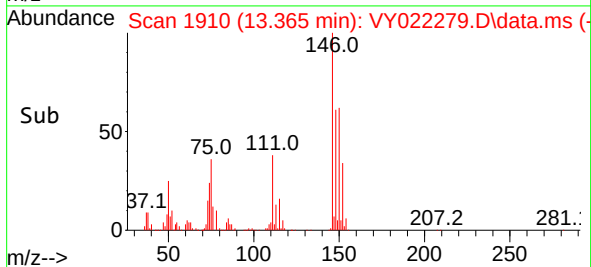
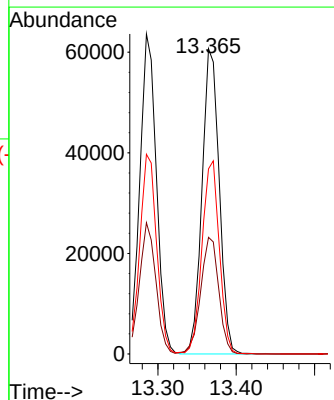
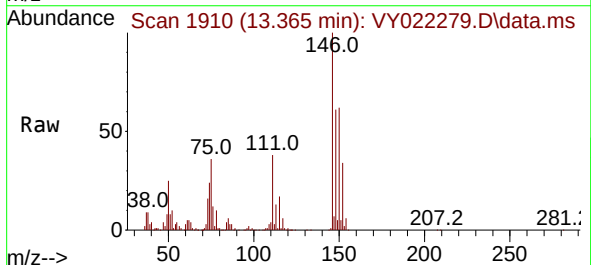
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

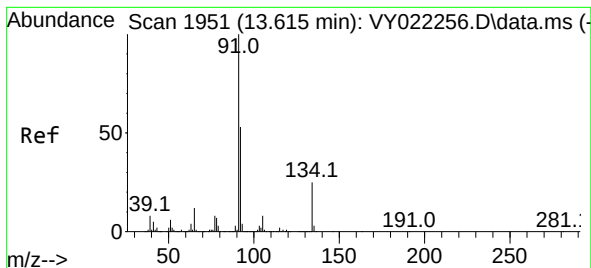
Tgt Ion:146 Resp: 93936
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.9 59.7
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.902 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion:146 Resp: 92740
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 59.9
 148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.299 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

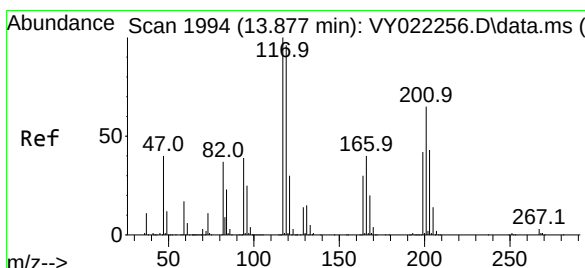
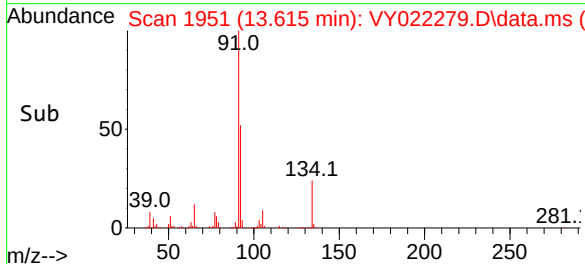
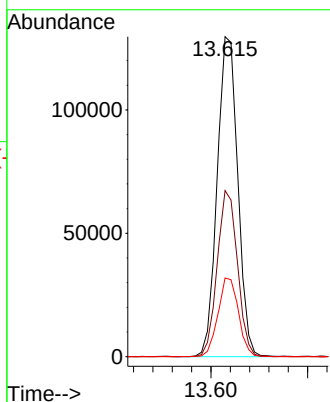
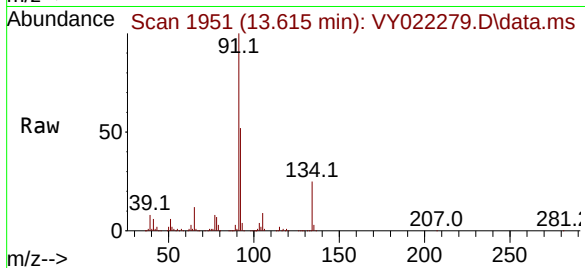
Tgt Ion: 91 Resp: 191322

Ion Ratio Lower Upper

91 100

92 51.1 26.3 78.9

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 19.255 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022279.D

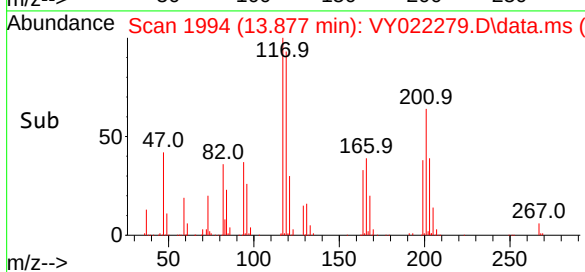
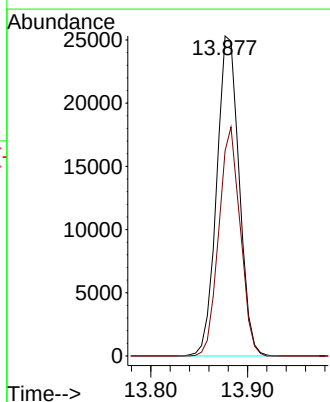
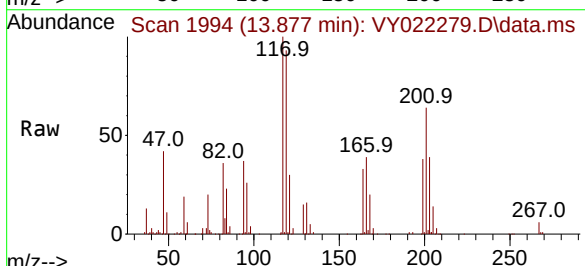
Acq: 16 May 2025 10:09

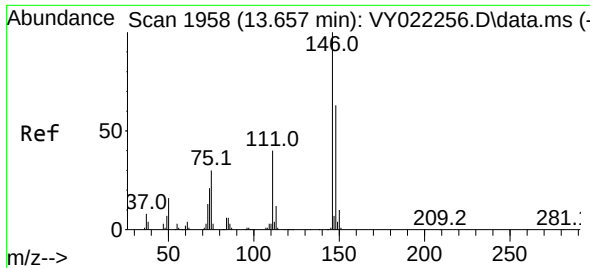
Tgt Ion: 117 Resp: 40730

Ion Ratio Lower Upper

117 100

201 68.2 35.2 105.6

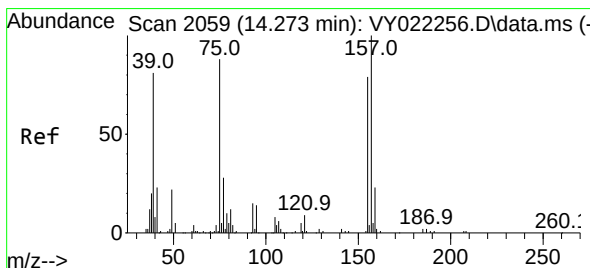
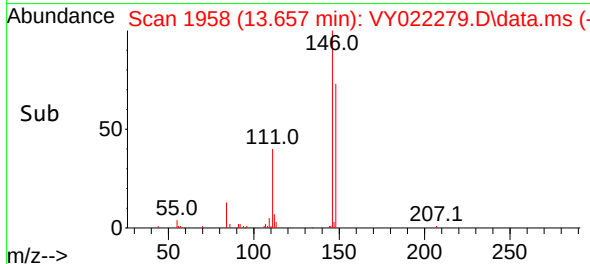
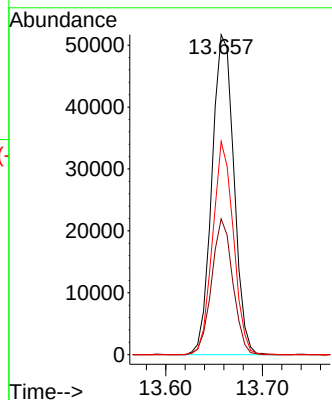
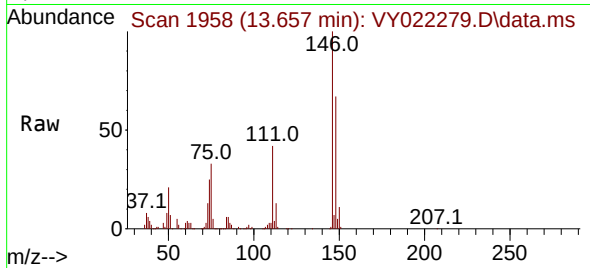




#91
 1,2-Dichlorobenzene
 Concen: 19.073 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

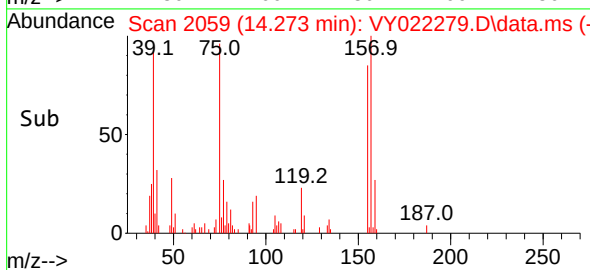
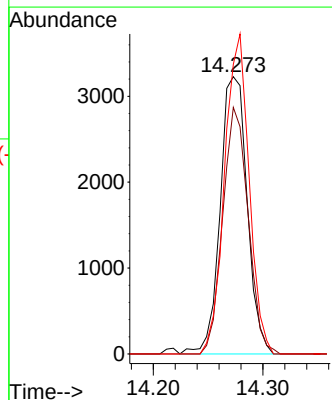
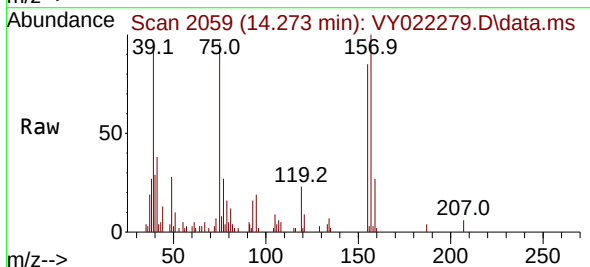
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS01

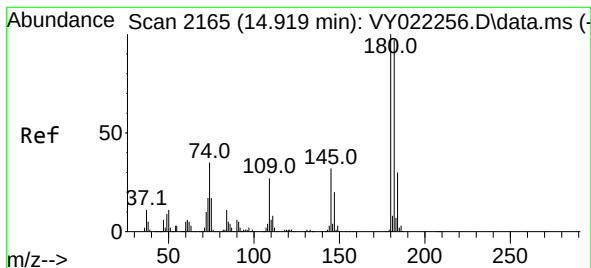
Tgt Ion:146 Resp: 81717
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 63.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.982 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022279.D
 Acq: 16 May 2025 10:09

Tgt Ion: 75 Resp: 5507
 Ion Ratio Lower Upper
 75 100
 155 83.7 43.4 130.1
 157 104.7 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.345 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

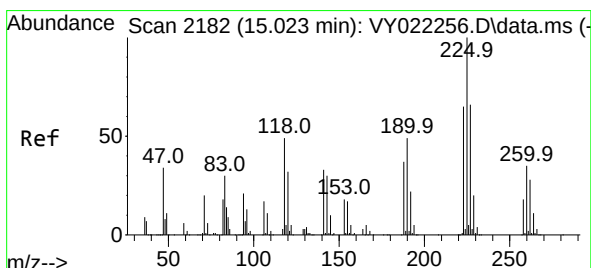
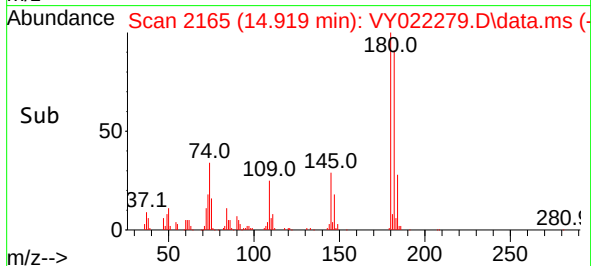
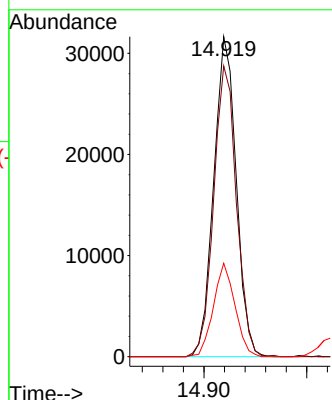
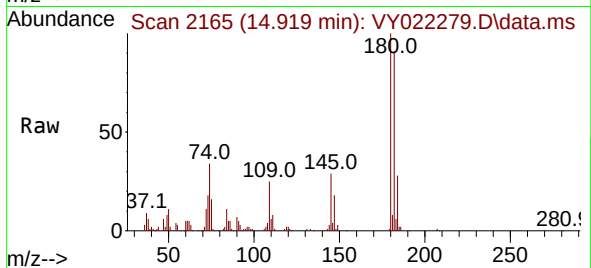
Tgt Ion:180 Resp: 47875

Ion Ratio Lower Upper

180 100

182 92.3 48.0 144.0

145 28.0 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.897 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

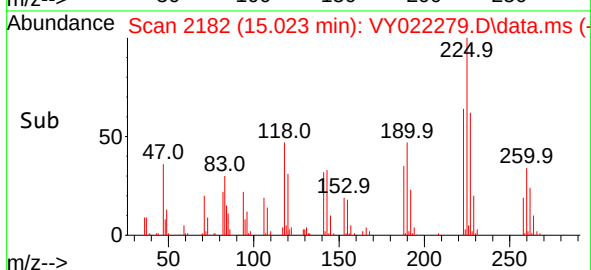
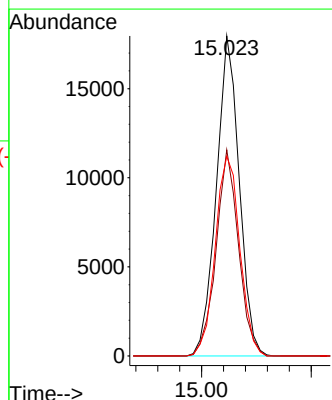
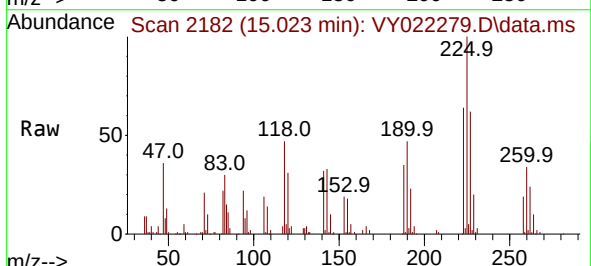
Tgt Ion:225 Resp: 26080

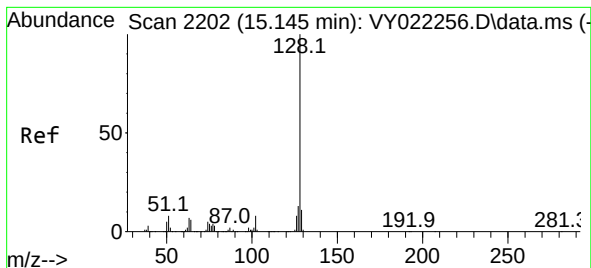
Ion Ratio Lower Upper

225 100

223 63.1 31.5 94.5

227 67.0 32.1 96.3





#95

Naphthalene

Concen: 18.410 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS01

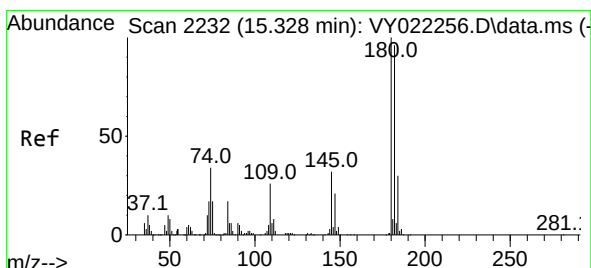
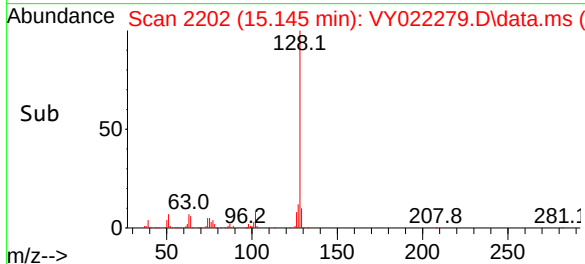
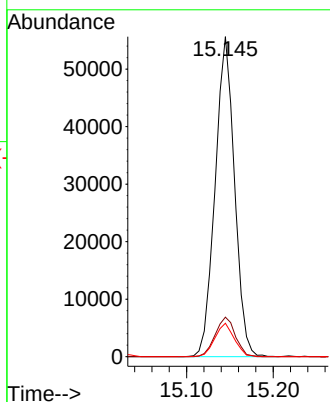
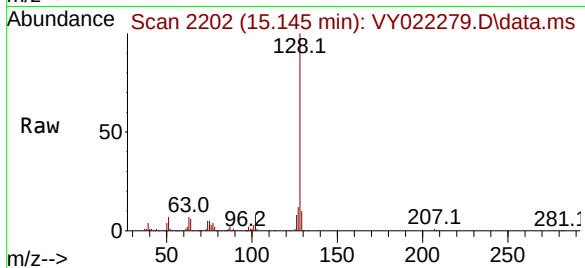
Tgt Ion:128 Resp: 86461

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.667 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022279.D

Acq: 16 May 2025 10:09

Tgt Ion:180 Resp: 39190

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 31.7 15.9 47.6

