

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022147.D
 Acq On : 05 May 2025 09:55
 Operator : SY/MD
 Sample : VY0505SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

Quant Time: May 06 05:19:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	283597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	437631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	395977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	212383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	130743	49.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.634	113	142785	49.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.109	98	533457	48.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.408	95	183926	50.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45521	18.837	ug/l	99
3) Chloromethane	2.068	50	68631	19.946	ug/l	97
4) Vinyl Chloride	2.202	62	83953	19.855	ug/l	98
5) Bromomethane	2.592	94	80640	22.136	ug/l	99
6) Chloroethane	2.732	64	59493	20.659	ug/l	96
7) Trichlorofluoromethane	3.056	101	114277	20.496	ug/l	96
8) Diethyl Ether	3.452	74	27528	18.969	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	62536	20.675	ug/l	99
10) Methyl Iodide	4.007	142	62685	17.900	ug/l	98
11) Tert butyl alcohol	4.884	59	13817	96.078	ug/l	97
12) 1,1-Dichloroethene	3.793	96	56505	20.042	ug/l	99
13) Acrolein	3.653	56	12255	47.479	ug/l	100
14) Allyl chloride	4.385	41	64034	19.506	ug/l	99
15) Acrylonitrile	5.061	53	50219	94.524	ug/l	99
16) Acetone	3.872	43	36620	93.425	ug/l	98
17) Carbon Disulfide	4.104	76	172376	19.176	ug/l	99
18) Methyl Acetate	4.391	43	24946	20.387	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	122495	19.413	ug/l	94
20) Methylene Chloride	4.616	84	61860	18.676	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	62716	19.863	ug/l	99
22) Diisopropyl ether	6.018	45	147220	20.152	ug/l	95
23) Vinyl Acetate	5.964	43	381169	96.815	ug/l	100
24) 1,1-Dichloroethane	5.915	63	102019	20.147	ug/l	99
25) 2-Butanone	6.902	43	55008	92.124	ug/l	97
26) 2,2-Dichloropropane	6.884	77	93959	21.170	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	70002	19.828	ug/l	99
28) Bromochloromethane	7.250	49	40301	20.490	ug/l	100
29) Tetrahydrofuran	7.268	42	36635	94.466	ug/l	100
30) Chloroform	7.421	83	113922	20.282	ug/l	99
31) Cyclohexane	7.707	56	85669	19.784	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	105659	20.792	ug/l	100
36) 1,1-Dichloropropene	7.835	75	79161	20.383	ug/l	99
37) Ethyl Acetate	6.982	43	26192	18.778	ug/l	99
38) Carbon Tetrachloride	7.817	117	97921	21.100	ug/l	99
39) Methylcyclohexane	9.109	83	96393	19.723	ug/l	96
40) Benzene	8.079	78	245125	20.191	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13405	17.581	ug/l	90
42) 1,2-Dichloroethane	8.158	62	63069	20.983	ug/l	100
43) Isopropyl Acetate	8.201	43	51461	19.211	ug/l	98
44) Trichloroethene	8.865	130	69699	20.727	ug/l	99
45) 1,2-Dichloropropane	9.146	63	54540	20.315	ug/l	99
46) Dibromomethane	9.237	93	33746	20.079	ug/l	99
47) Bromodichloromethane	9.426	83	86130	20.515	ug/l	97
48) Methyl methacrylate	9.225	41	23901	19.301	ug/l	97
49) 1,4-Dioxane	9.237	88	6413	358.012	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	134271	95.622	ug/l	100
52) Toluene	10.170	92	158982	20.231	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	72724	20.194	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	85689	20.017	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	45637	20.329	ug/l	98
56) Ethyl methacrylate	10.438	69	46887	18.264	ug/l	97
57) 1,3-Dichloropropane	10.719	76	72166	20.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	121659	96.924	ug/l	99
59) 2-Hexanone	10.761	43	86027	92.884	ug/l	97
60) Dibromochloromethane	10.914	129	60636	19.509	ug/l	97
61) 1,2-Dibromoethane	11.018	107	41480	19.572	ug/l	100
64) Tetrachloroethene	10.652	164	79383	21.251	ug/l	95
65) Chlorobenzene	11.444	112	177439	20.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	62480	20.042	ug/l	98
67) Ethyl Benzene	11.524	91	284474	19.639	ug/l	100
68) m/p-Xylenes	11.627	106	232280	40.298	ug/l	99
69) o-Xylene	11.956	106	105732	19.902	ug/l	99
70) Styrene	11.969	104	176830	19.824	ug/l	99
71) Bromoform	12.133	173	34946	19.281	ug/l #	99
73) Isopropylbenzene	12.255	105	276933	19.517	ug/l	99
74) N-amyl acetate	12.072	43	43915	18.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	45282	18.928	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	62030	34.098	ug/l #	100
77) Bromobenzene	12.536	156	69315	19.332	ug/l	96
78) n-propylbenzene	12.597	91	338881	20.055	ug/l	100
79) 2-Chlorotoluene	12.682	91	195791	19.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	235339	20.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	14546	19.255	ug/l	98
82) 4-Chlorotoluene	12.779	91	206233	20.188	ug/l	99
83) tert-Butylbenzene	12.999	119	201521	19.219	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	234406	20.045	ug/l	98
85) sec-Butylbenzene	13.176	105	307501	20.041	ug/l	100
86) p-Isopropyltoluene	13.291	119	260054	19.960	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	142760	19.604	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	140689	19.507	ug/l	100
89) n-Butylbenzene	13.621	91	227203	19.510	ug/l	100
90) Hexachloroethane	13.883	117	57209	19.985	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	123286	19.410	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7469	19.624	ug/l	86
93) 1,2,4-Trichlorobenzene	14.925	180	66121	18.371	ug/l	97
94) Hexachlorobutadiene	15.023	225	43136	19.479	ug/l	100
95) Naphthalene	15.145	128	101830	17.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	57120	18.385	ug/l	98

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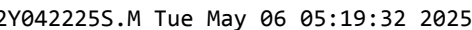
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MSVOA_Y
ClientSampleId :
VY0505SBS01

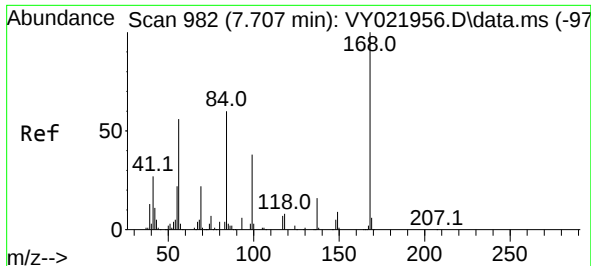
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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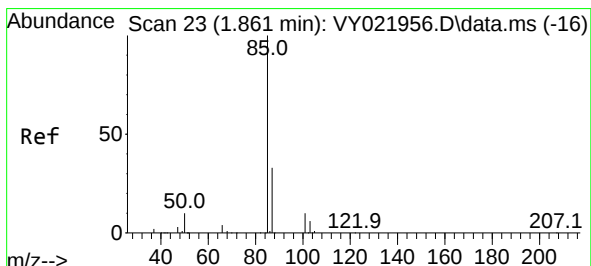
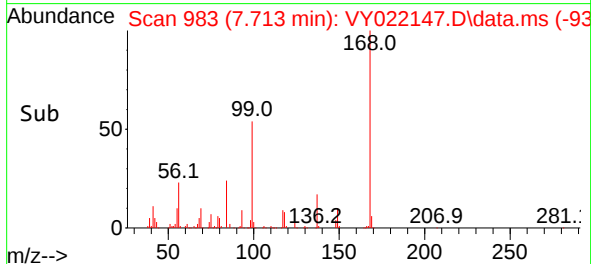
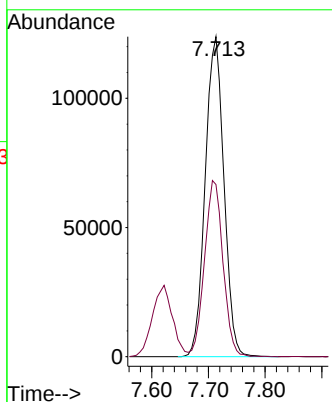
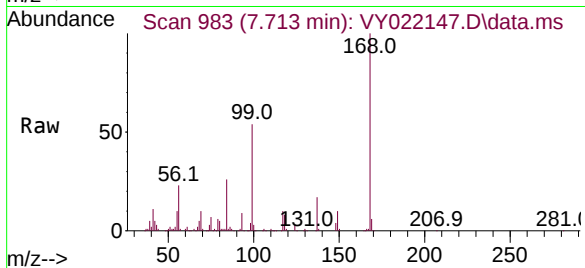




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022147.D
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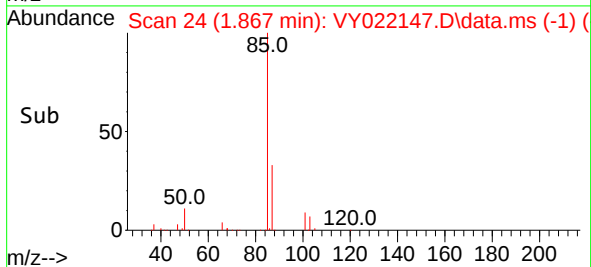
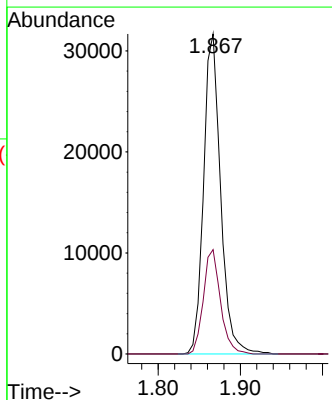
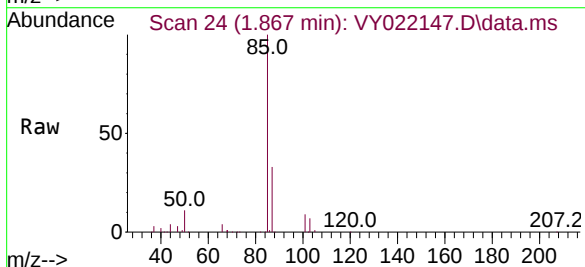
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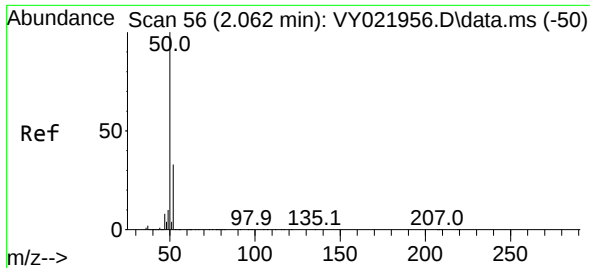
Tgt Ion:168 Resp: 283597
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 18.837 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 85 Resp: 45521
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.7

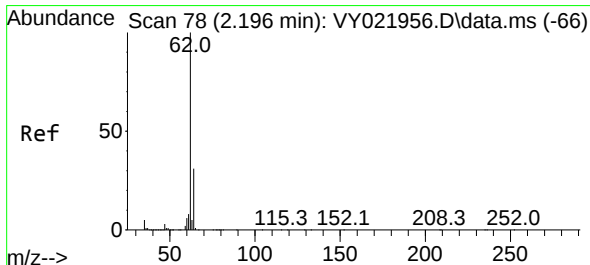
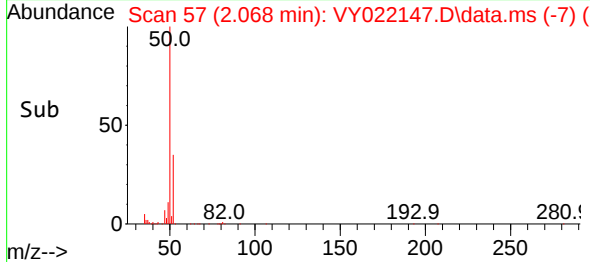
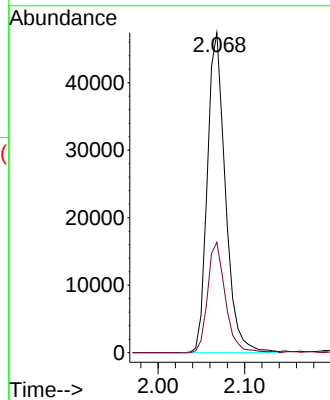
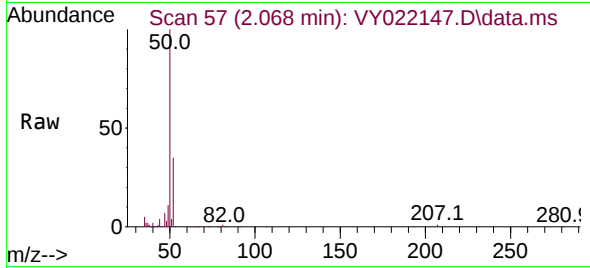




#3
Chloromethane
Concen: 19.946 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

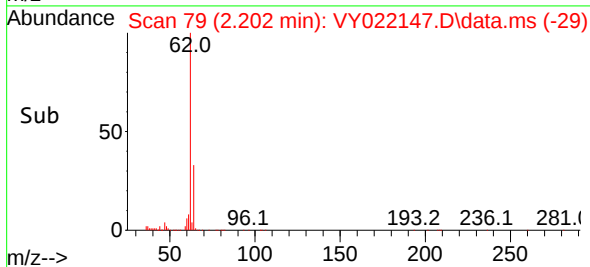
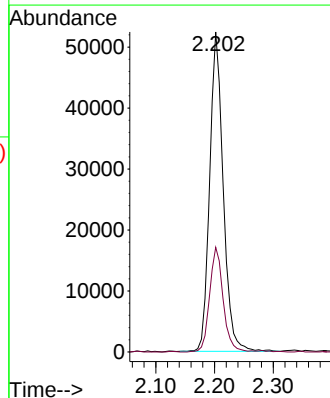
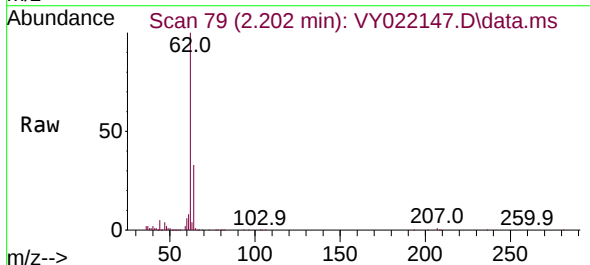
Instrument :
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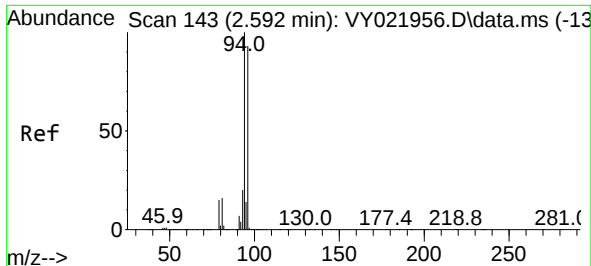
Tgt Ion: 50 Resp: 68631
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1



#4
Vinyl Chloride
Concen: 19.855 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 62 Resp: 83953
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7

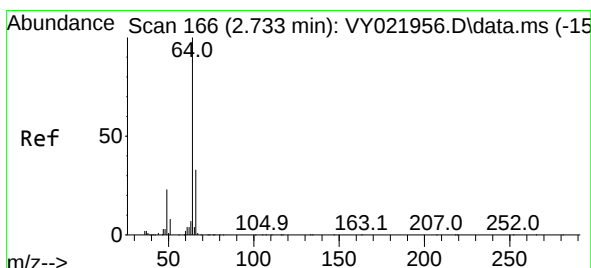
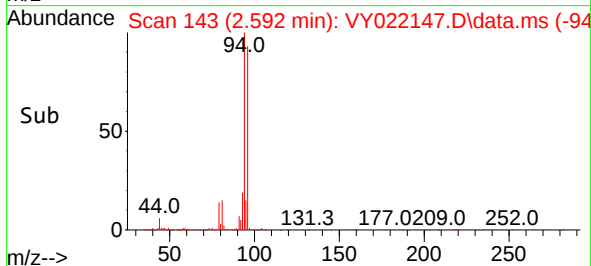
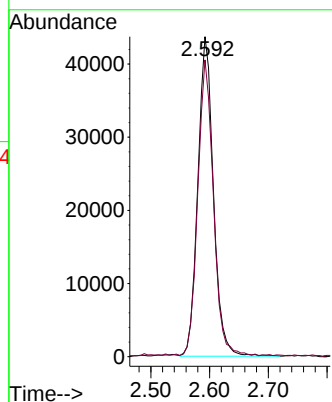
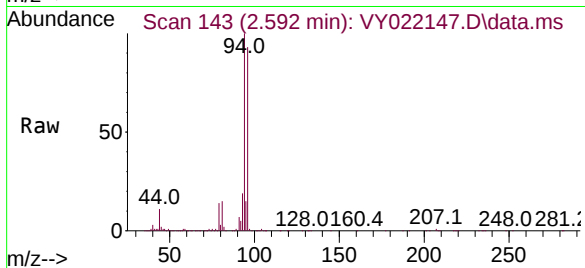




#5
Bromomethane
Concen: 22.136 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

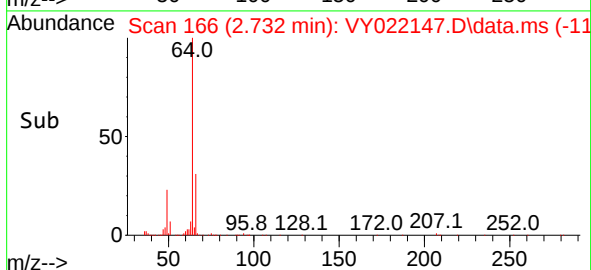
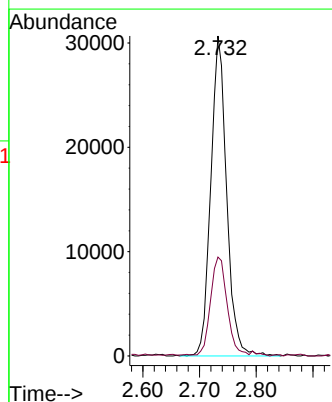
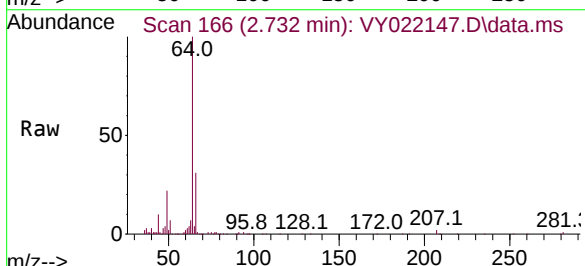
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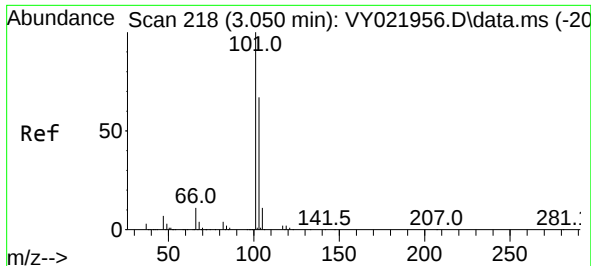
Tgt Ion: 94 Resp: 80640
Ion Ratio Lower Upper
94 100
96 92.5 74.6 111.8



#6
Chloroethane
Concen: 20.659 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022147.D
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Tgt Ion: 64 Resp: 59493
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4

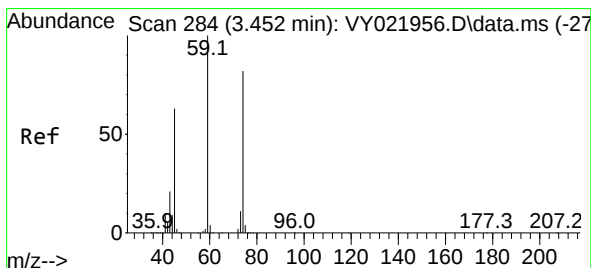
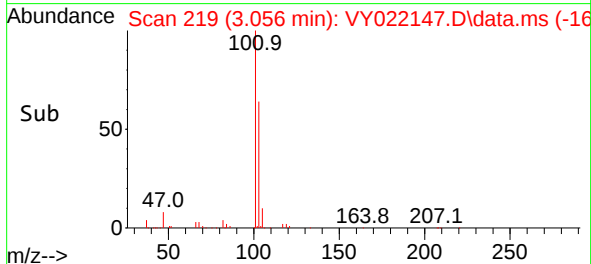
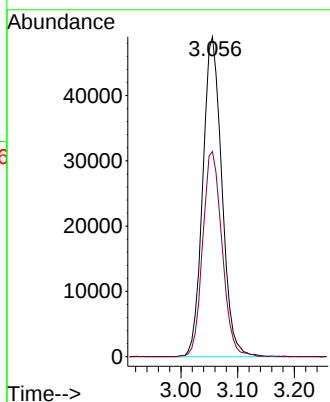
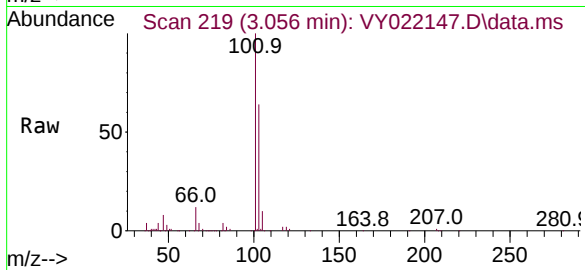




#7
 Trichlorofluoromethane
 Concen: 20.496 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

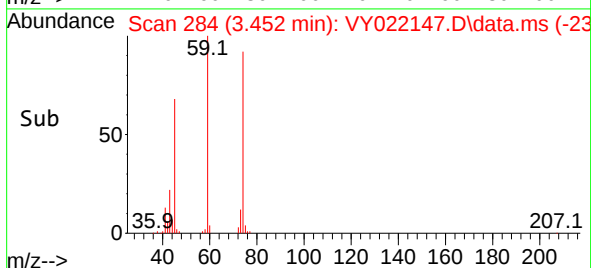
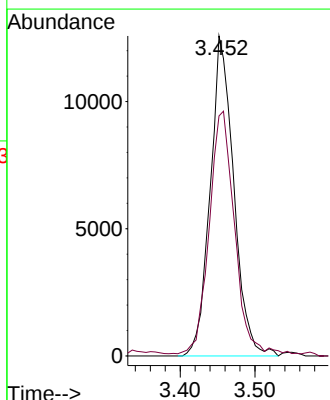
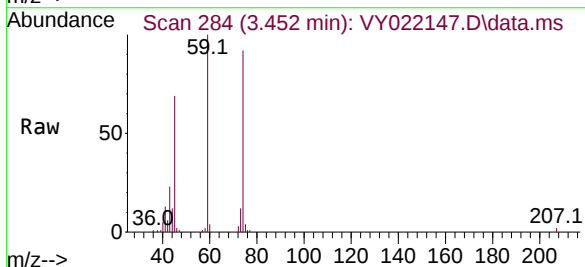
Instrument :
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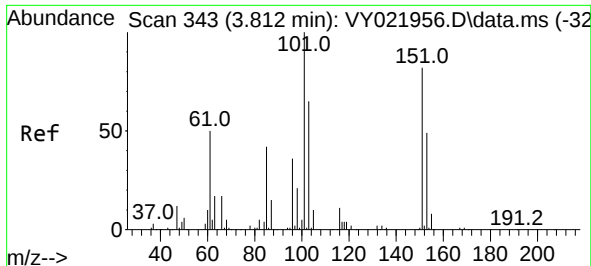
Tgt Ion:101 Resp: 114277
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.6 80.4



#8
 Diethyl Ether
 Concen: 18.969 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

Tgt Ion: 74 Resp: 27528
 Ion Ratio Lower Upper
 74 100
 45 81.1 39.1 117.5

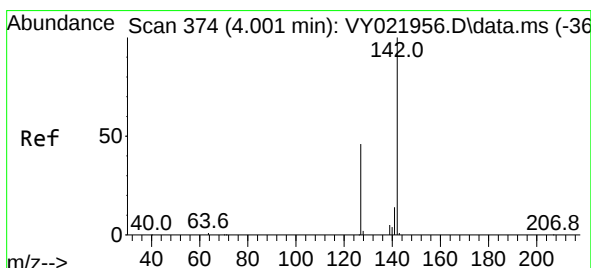
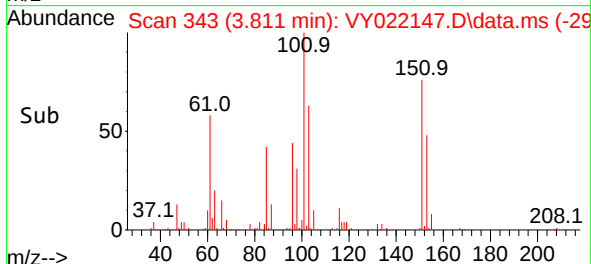
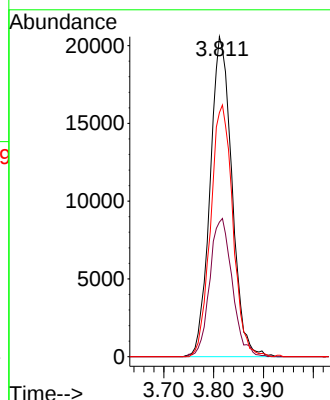
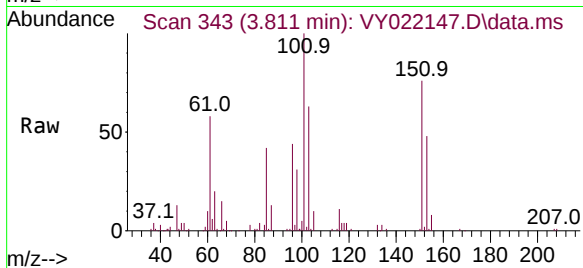




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.675 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

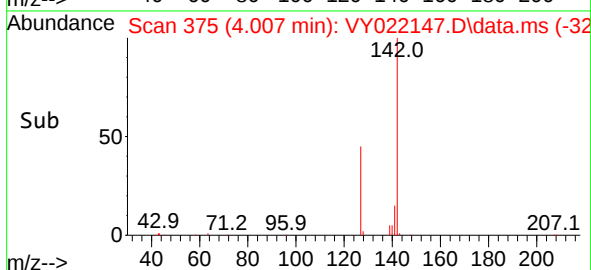
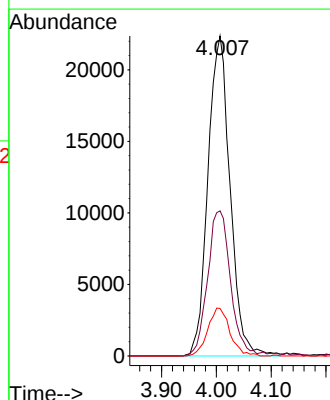
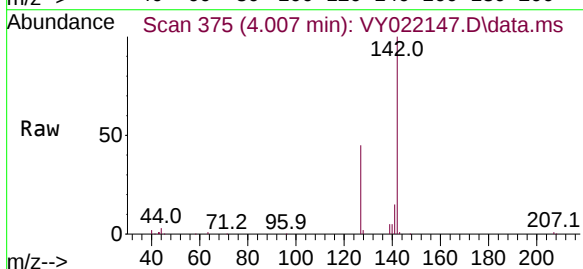
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

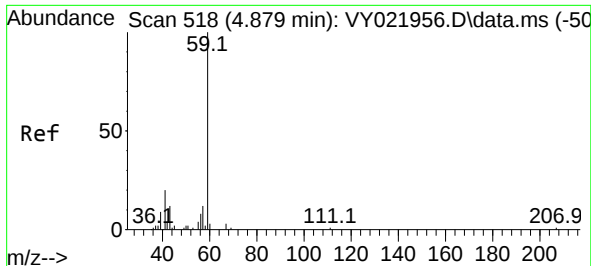
Tgt Ion:101 Resp: 62536
Ion Ratio Lower Upper
101 100
85 44.5 34.6 51.8
151 80.1 63.7 95.5



#10
Methyl Iodide
Concen: 17.900 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion:142 Resp: 62685
Ion Ratio Lower Upper
142 100
127 46.9 36.2 54.2
141 14.9 11.7 17.5

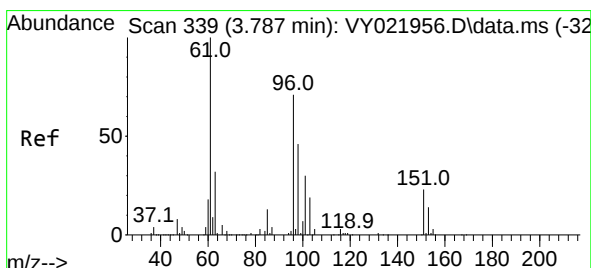
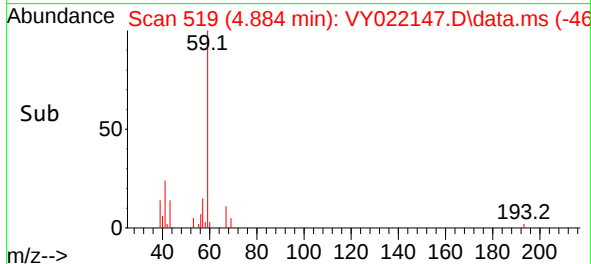
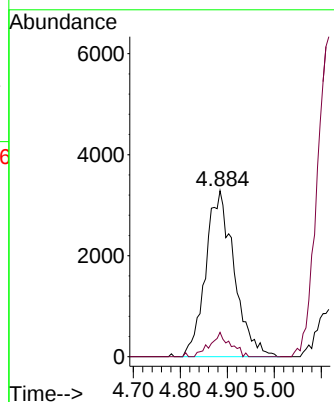
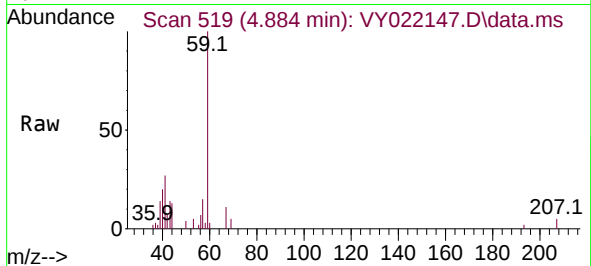




#11
Tert butyl alcohol
Concen: 96.078 ug/l
RT: 4.884 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

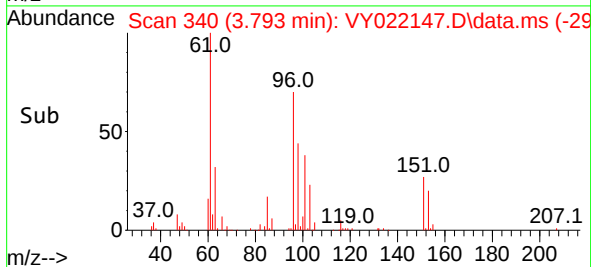
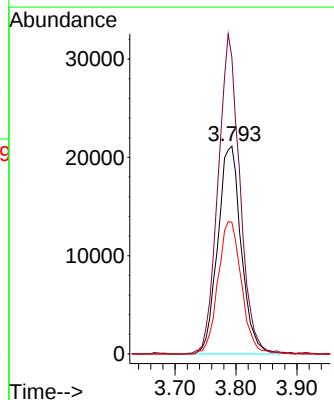
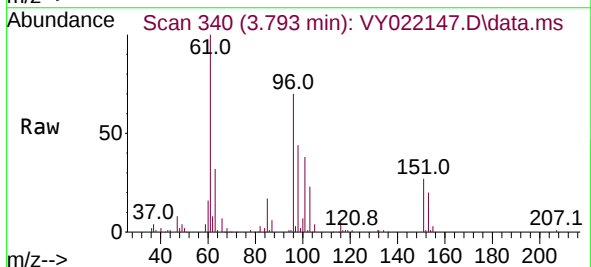
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

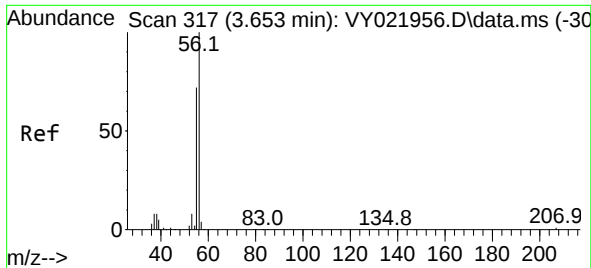
Tgt Ion: 59 Resp: 13817
Ion Ratio Lower Upper
59 100
57 10.3 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.042 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 96 Resp: 56505
Ion Ratio Lower Upper
96 100
61 142.6 113.0 169.4
98 63.4 51.4 77.2

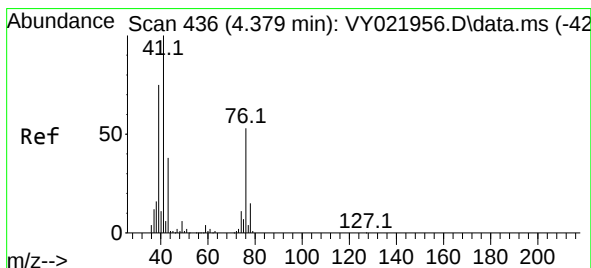
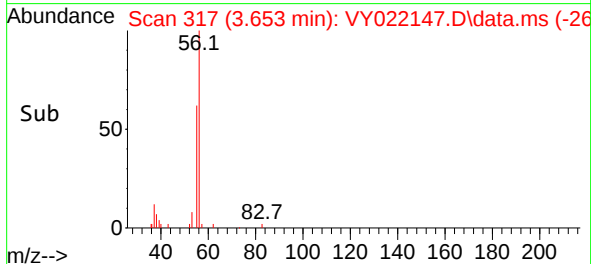
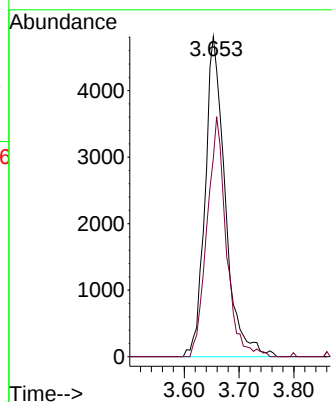
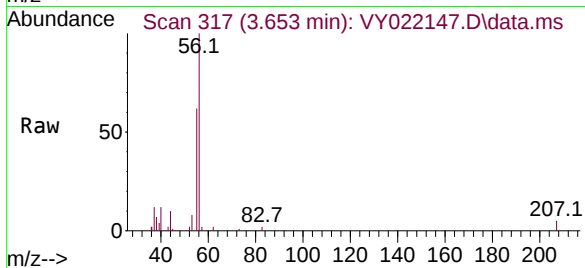




#13
Acrolein
Concen: 47.479 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

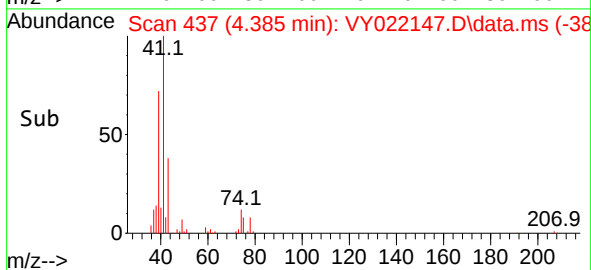
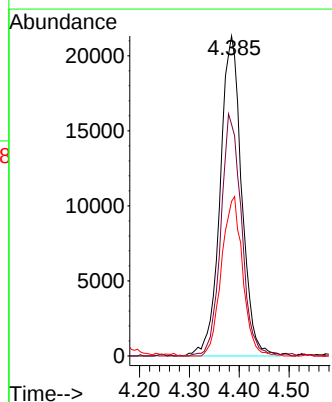
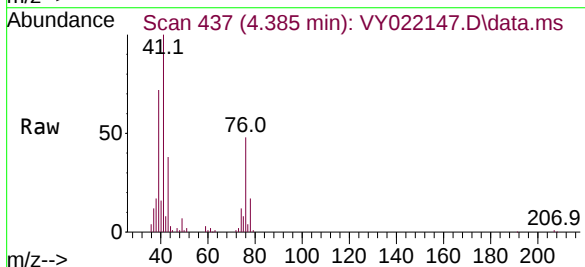
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tgt Ion: 56 Resp: 12255
Ion Ratio Lower Upper
56 100
55 71.5 57.4 86.0



#14
Allyl chloride
Concen: 19.506 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 41 Resp: 64034
Ion Ratio Lower Upper
41 100
39 72.4 57.2 85.8
76 48.7 39.7 59.5

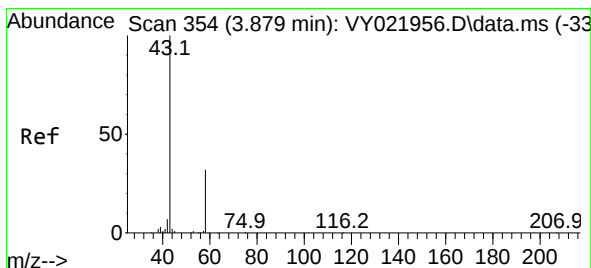
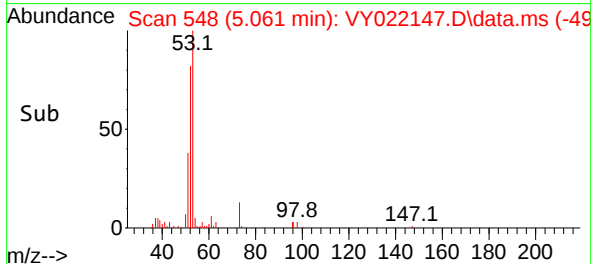
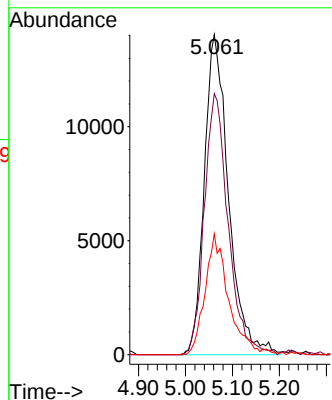
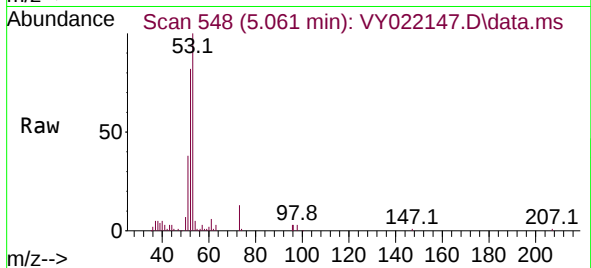




#15
Acrylonitrile
Concen: 94.524 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

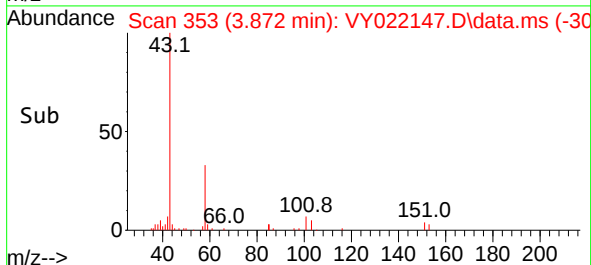
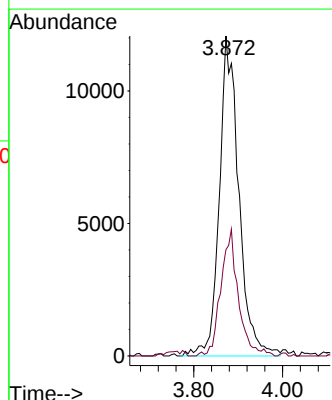
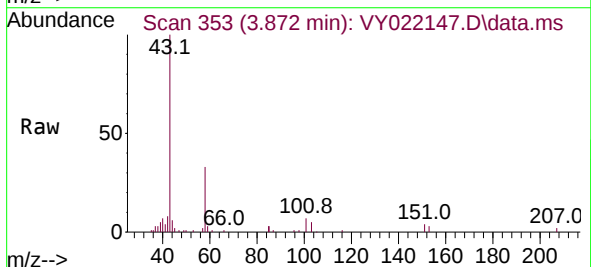
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

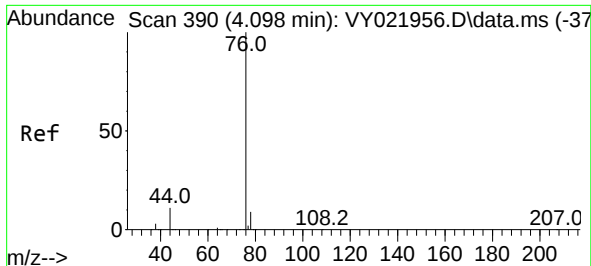
Tgt Ion: 53 Resp: 50219
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 36.2 28.9 43.3



#16
Acetone
Concen: 93.425 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 43 Resp: 36620
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.4

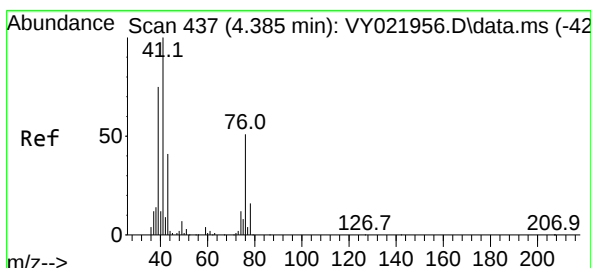
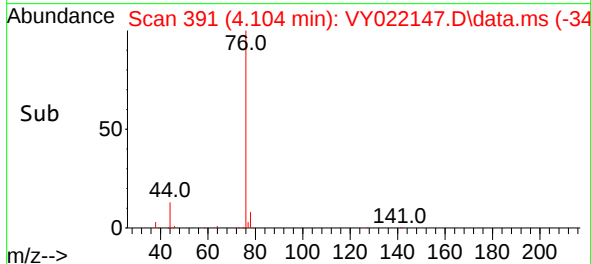
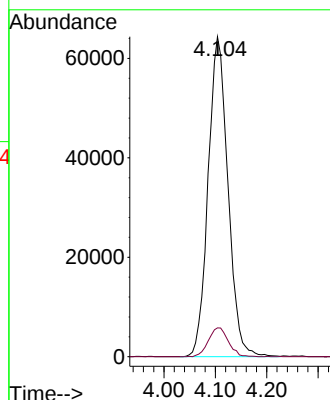
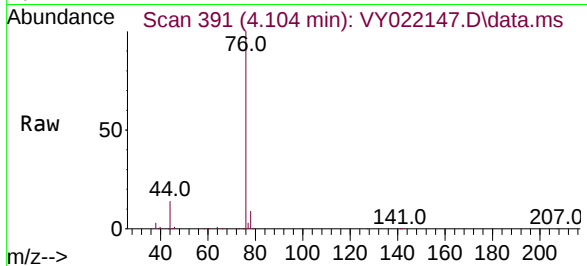




#17
Carbon Disulfide
Concen: 19.176 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

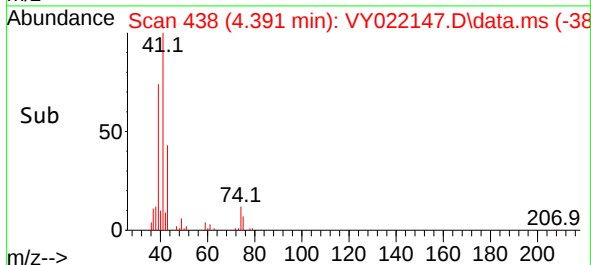
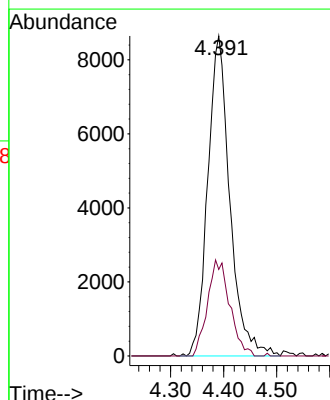
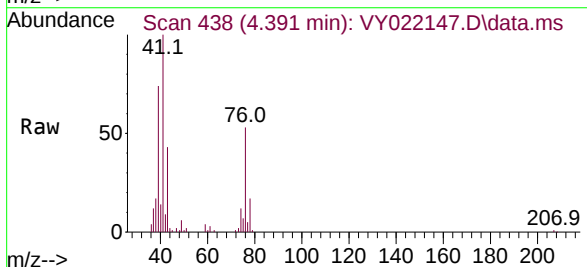
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

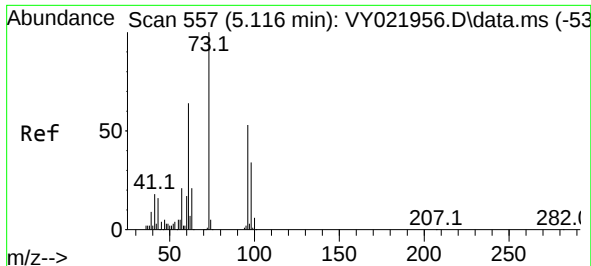
Tgt Ion: 76 Resp: 172376
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 20.387 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 43 Resp: 24946
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.413 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

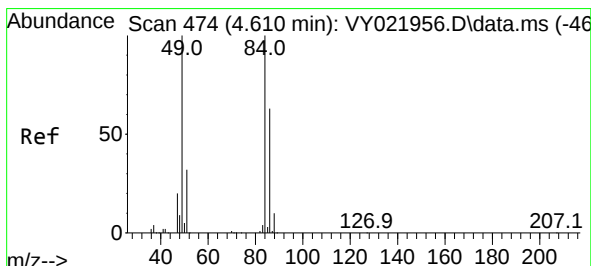
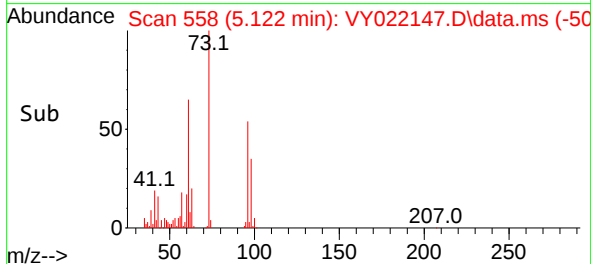
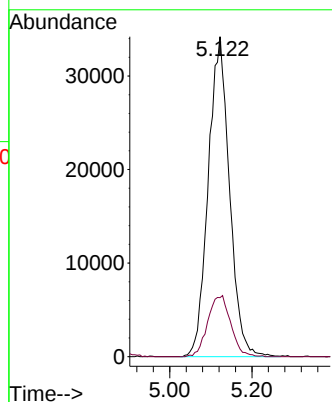
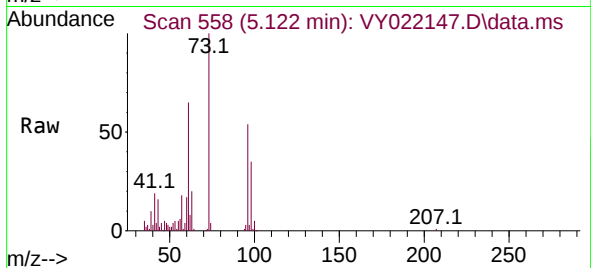
VY0505SBS01

Tgt Ion: 73 Resp: 122495

Ion Ratio Lower Upper

73 100

57 18.5 16.9 25.3



#20

Methylene Chloride

Concen: 18.676 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Tgt Ion: 84 Resp: 61860

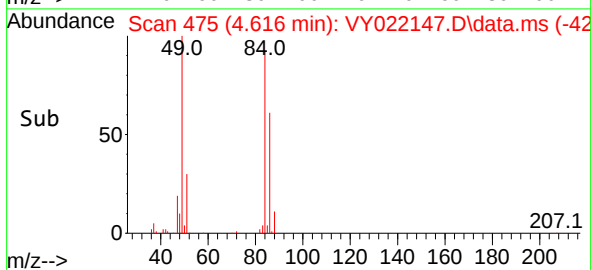
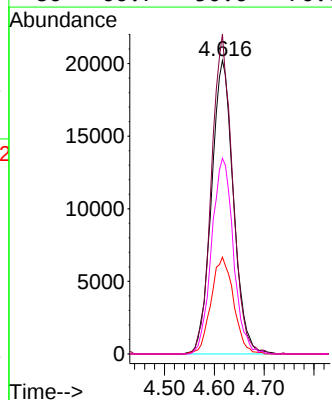
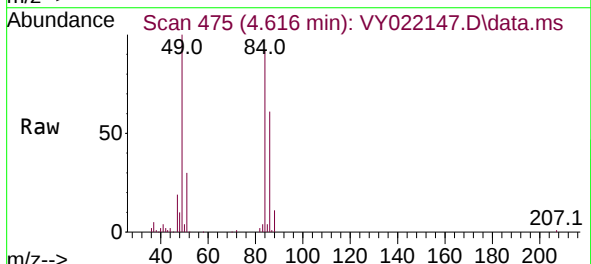
Ion Ratio Lower Upper

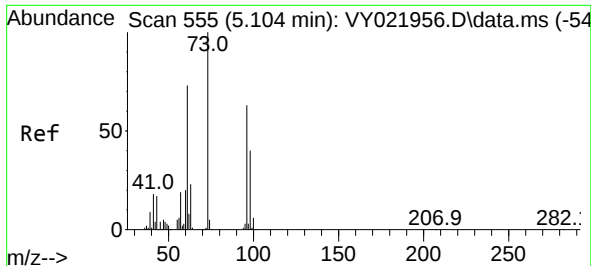
84 100

49 109.0 79.9 119.9

51 33.0 25.4 38.0

86 66.7 50.6 76.0

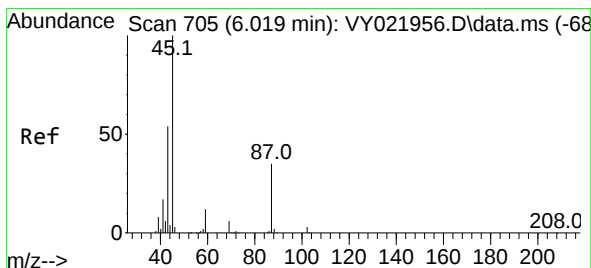
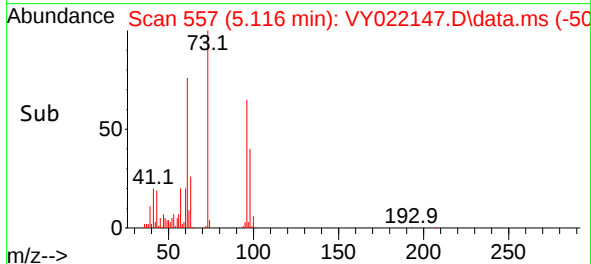
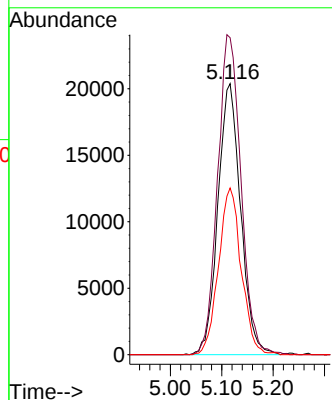
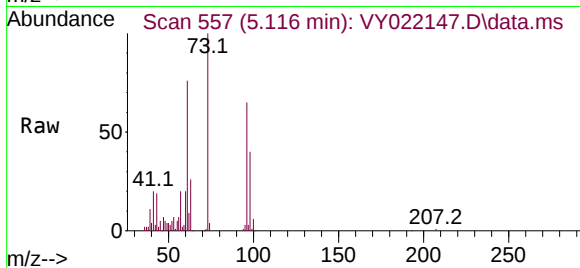




#21
trans-1,2-Dichloroethene
Concen: 19.863 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

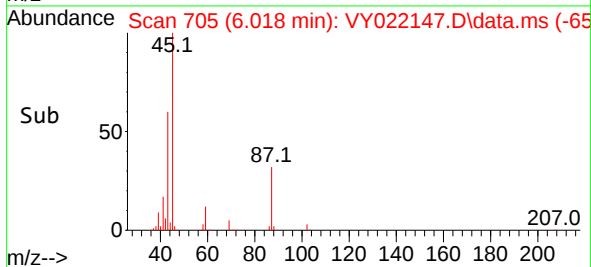
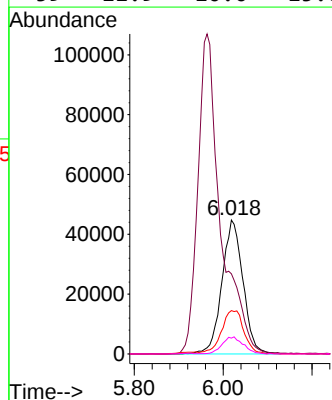
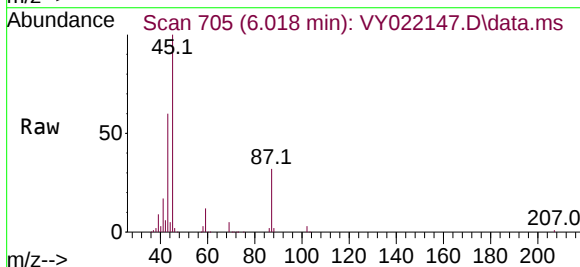
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

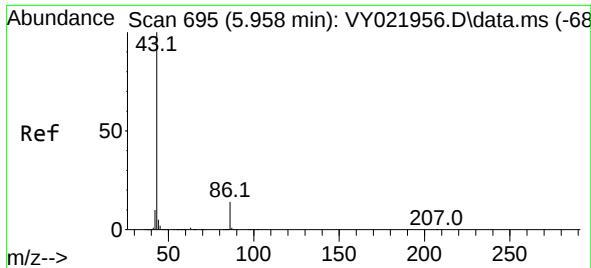
Tgt Ion: 96 Resp: 62716
Ion Ratio Lower Upper
96 100
61 117.0 92.6 138.8
98 61.5 50.2 75.4



#22
Diisopropyl ether
Concen: 20.152 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 45 Resp: 147220
Ion Ratio Lower Upper
45 100
43 59.3 43.6 65.4
87 32.4 28.2 42.4
59 11.9 10.0 15.0

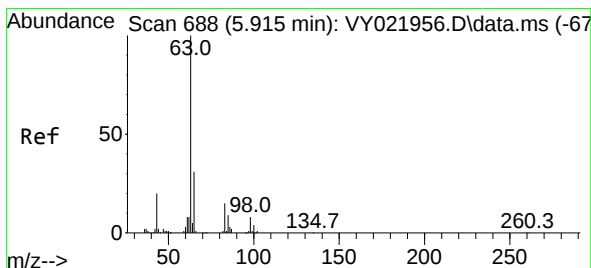
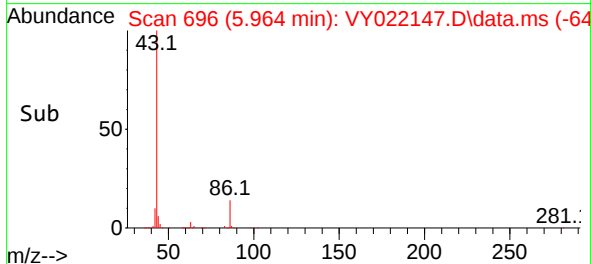
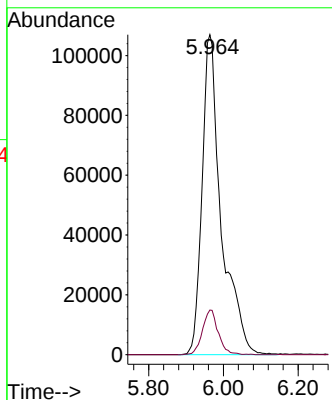
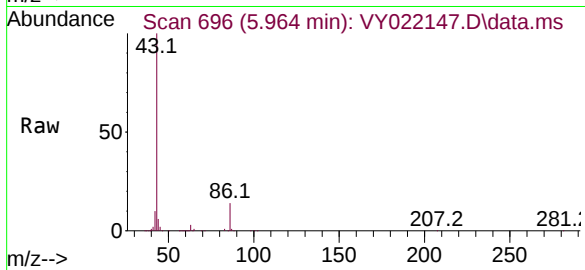




#23
 Vinyl Acetate
 Concen: 96.815 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

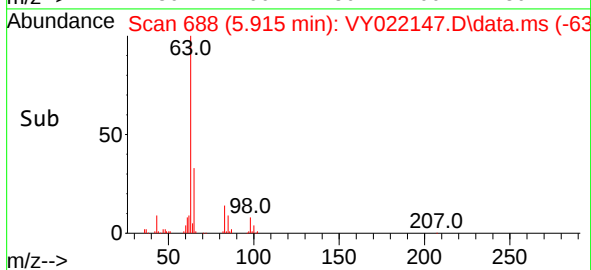
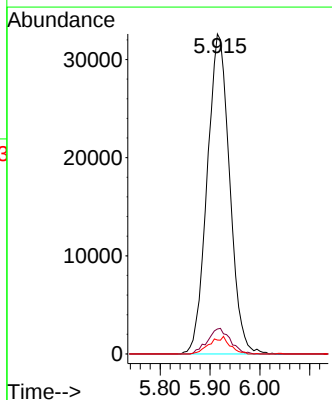
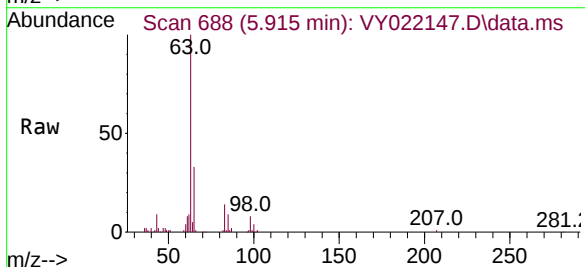
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

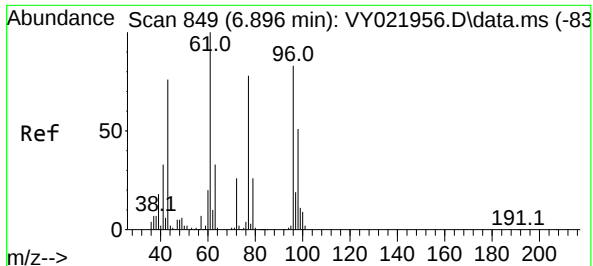
Tgt Ion: 43 Resp: 381169
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.147 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

Tgt Ion: 63 Resp: 102019
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 92.124 ug/l

RT: 6.902 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

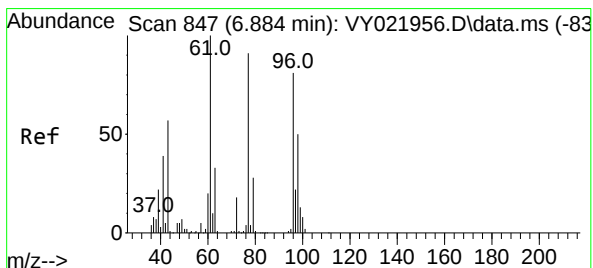
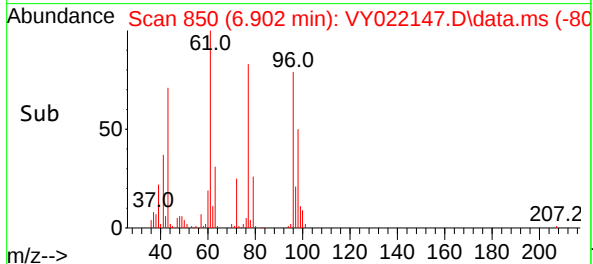
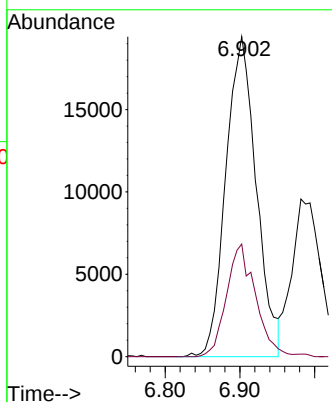
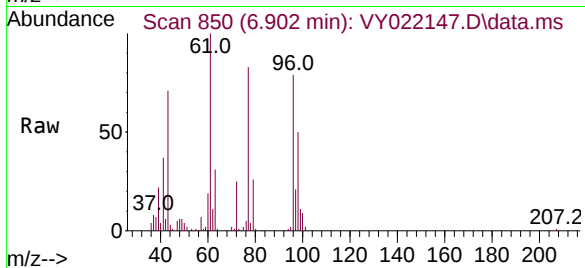
VY0505SBS01

Tgt Ion: 43 Resp: 55008

Ion Ratio Lower Upper

43 100

72 35.2 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.170 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022147.D

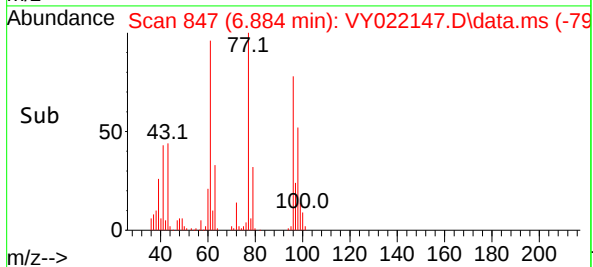
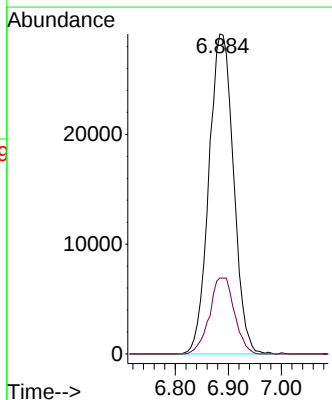
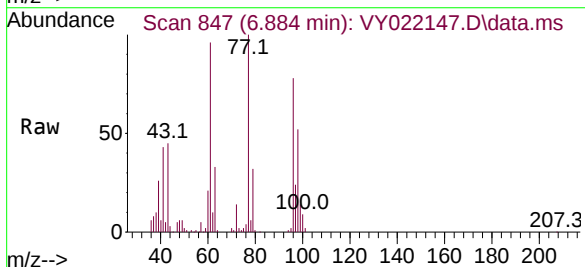
Acq: 05 May 2025 09:55

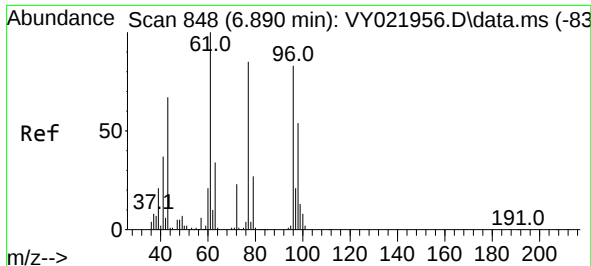
Tgt Ion: 77 Resp: 93959

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4

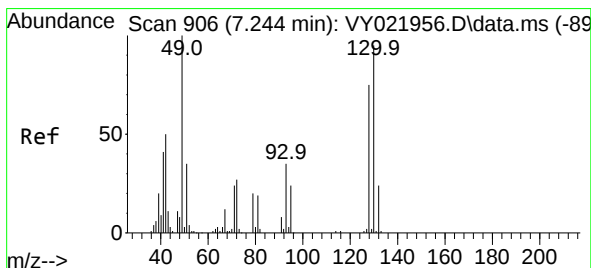
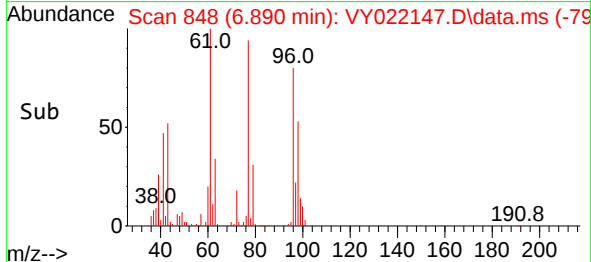
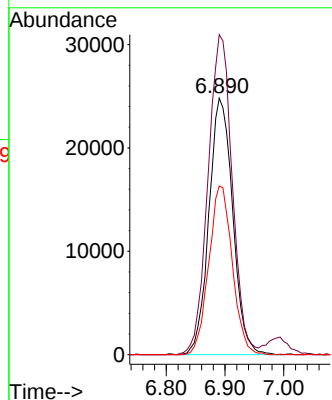
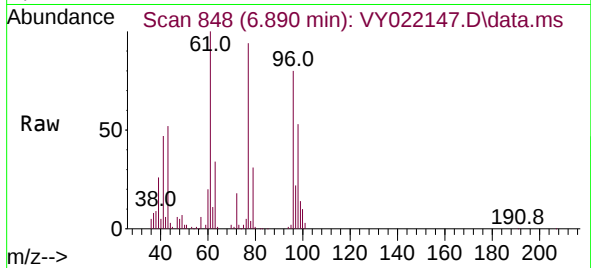




#27
 cis-1,2-Dichloroethene
 Concen: 19.828 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

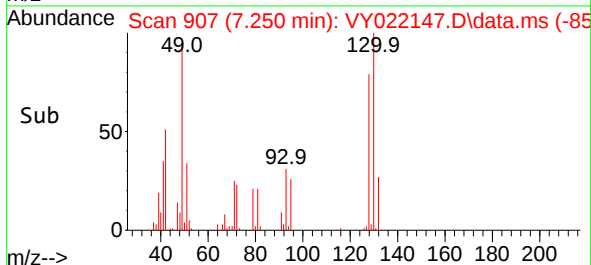
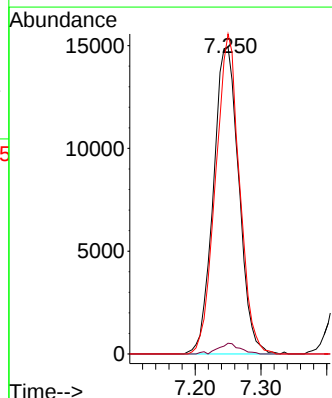
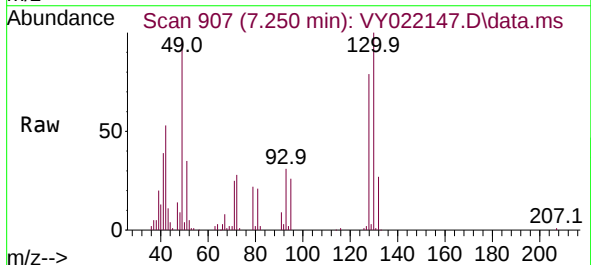
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

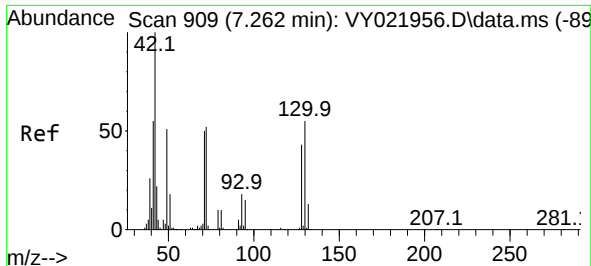
Tgt Ion: 96 Resp: 70002
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 251.4
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.490 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

Tgt Ion: 49 Resp: 40301
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 98.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 94.466 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

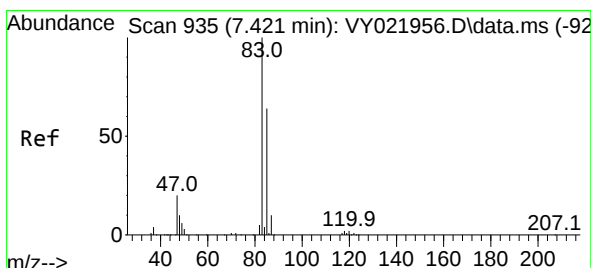
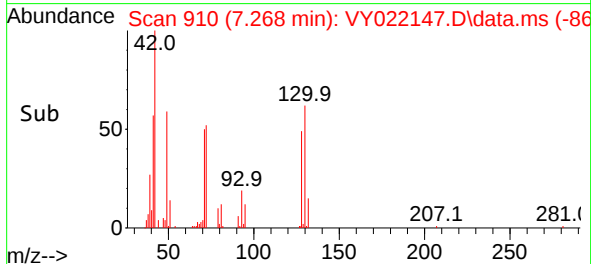
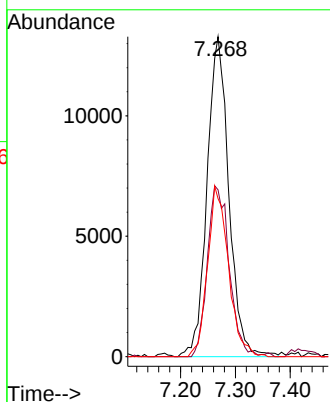
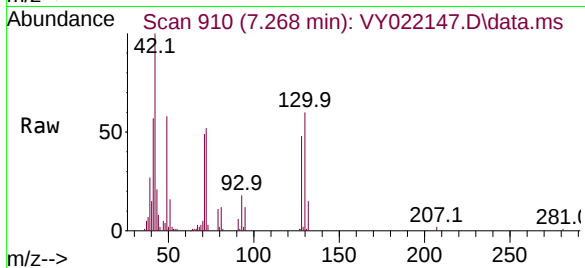
Tgt Ion: 42 Resp: 36635

Ion Ratio Lower Upper

42 100

72 53.3 42.6 63.8

71 51.1 40.6 61.0



#30

Chloroform

Concen: 20.282 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022147.D

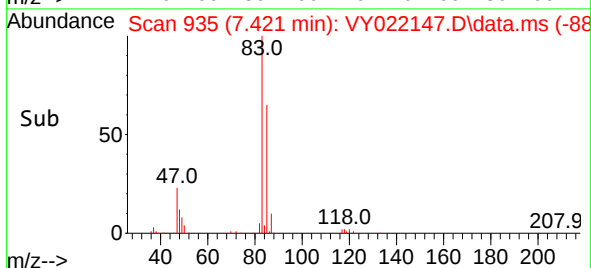
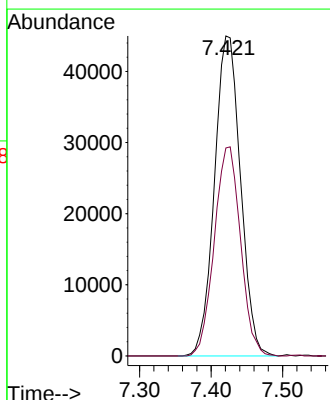
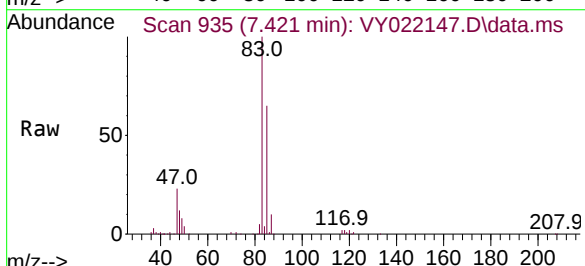
Acq: 05 May 2025 09:55

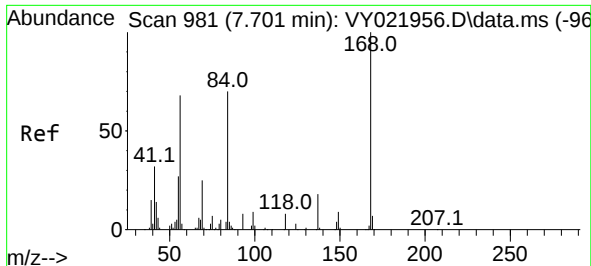
Tgt Ion: 83 Resp: 113922

Ion Ratio Lower Upper

83 100

85 65.0 51.3 76.9

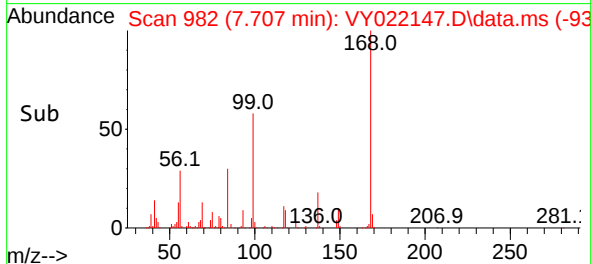
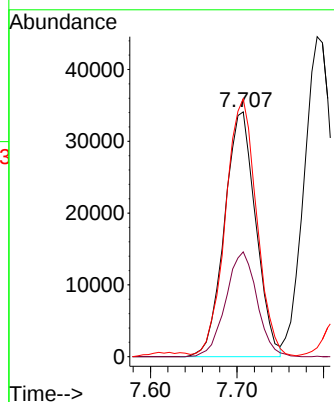
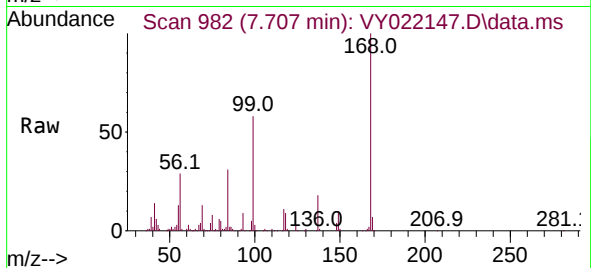




#31
Cyclohexane
Concen: 19.784 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

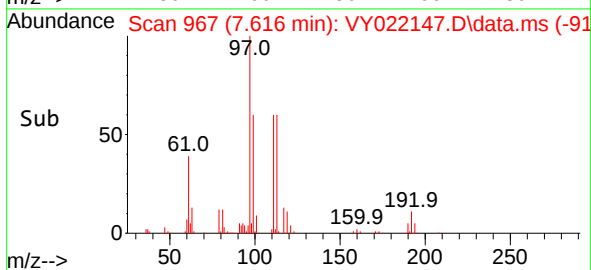
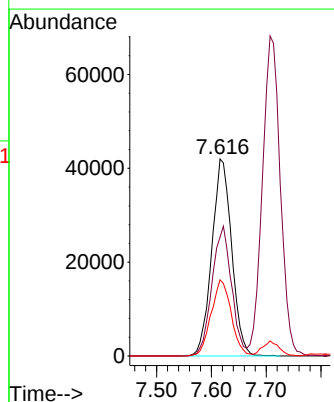
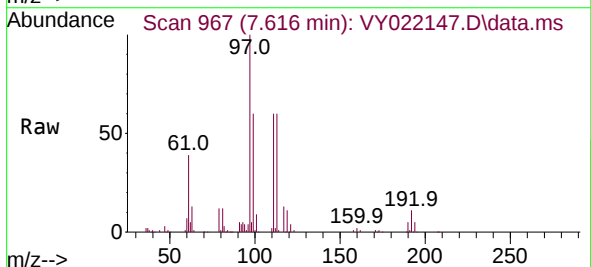
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

Tgt Ion: 56 Resp: 85669
Ion Ratio Lower Upper
56 100
69 42.8 29.4 44.2
84 103.7 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.792 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 97 Resp: 105659
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 39.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.911 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

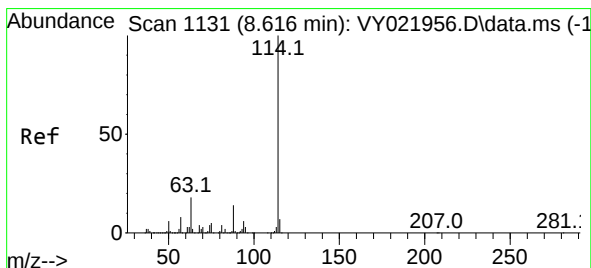
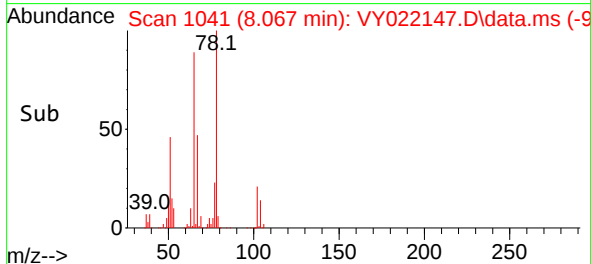
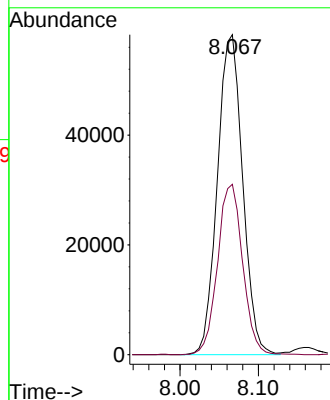
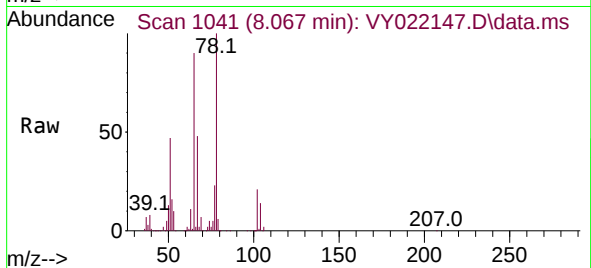
VY0505SBS01

Tgt Ion: 65 Resp: 130743

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

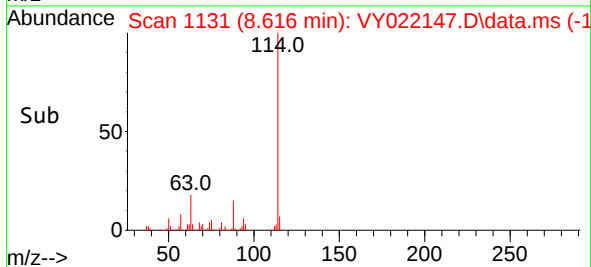
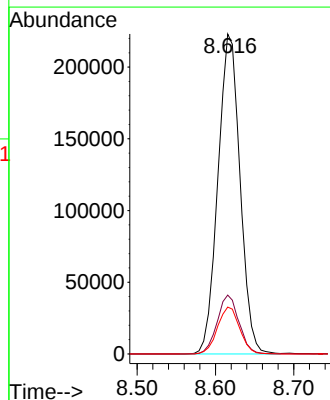
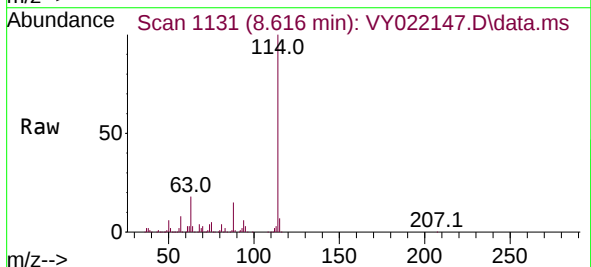
Tgt Ion: 114 Resp: 437631

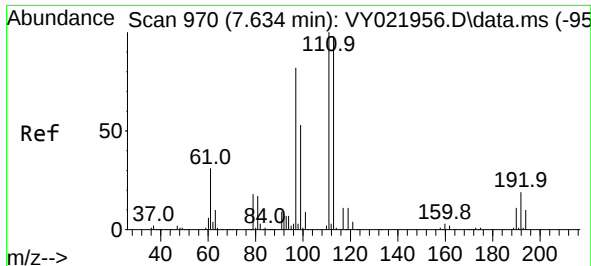
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.4

88 14.6 0.0 28.2

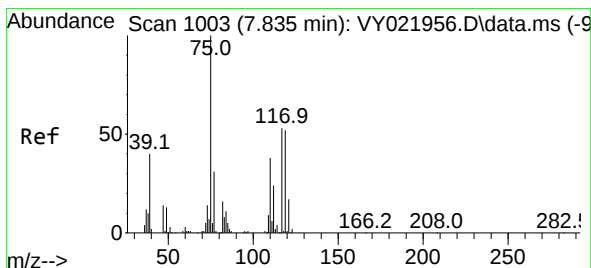
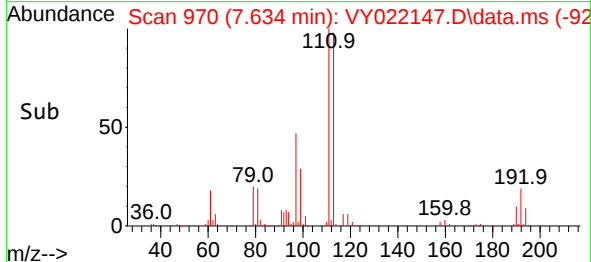
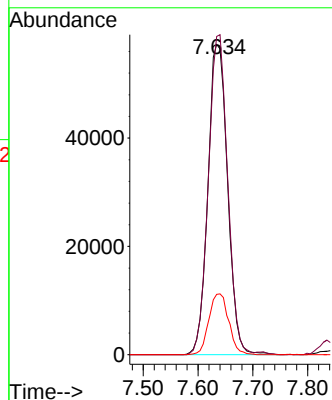
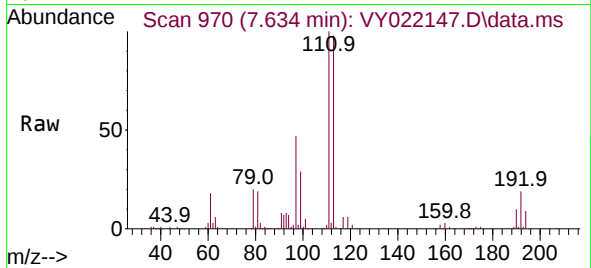




#35
Dibromofluoromethane
Concen: 49.386 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

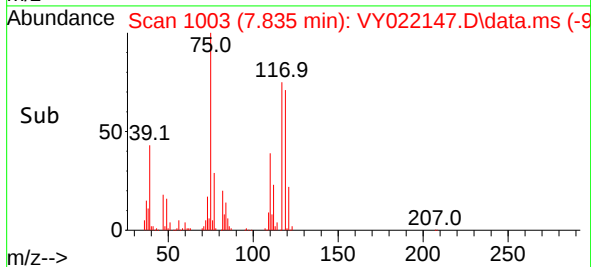
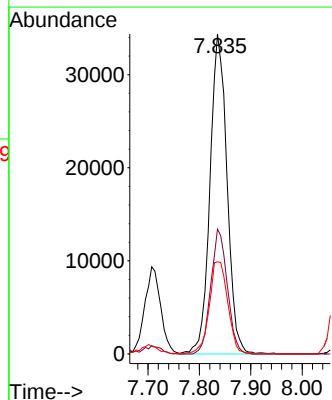
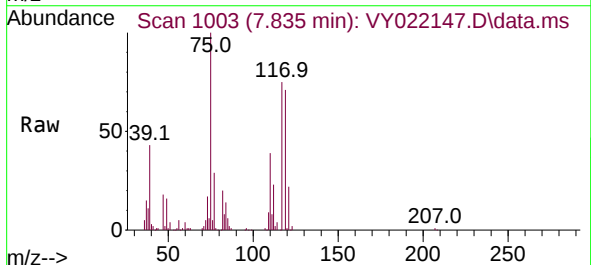
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

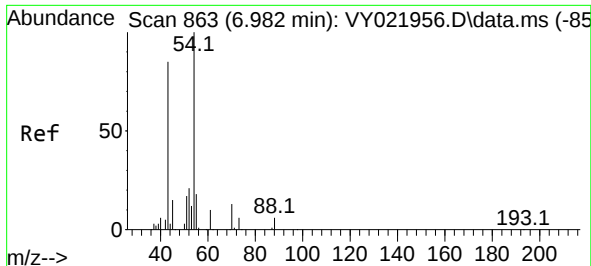
Tgt Ion:113 Resp: 142785
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.383 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 75 Resp: 79161
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 31.4 25.5 38.3

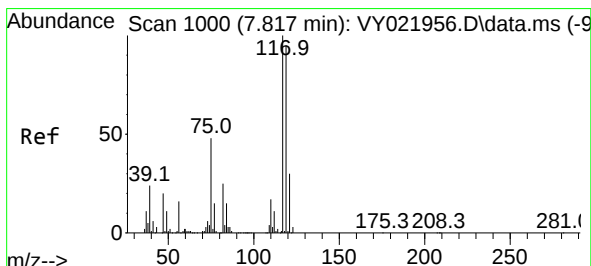
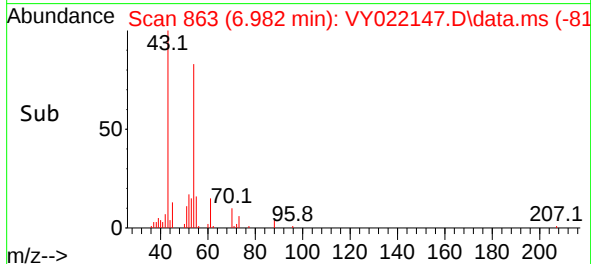
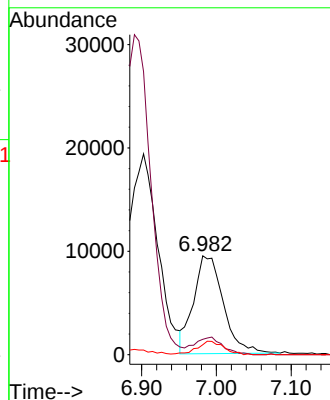
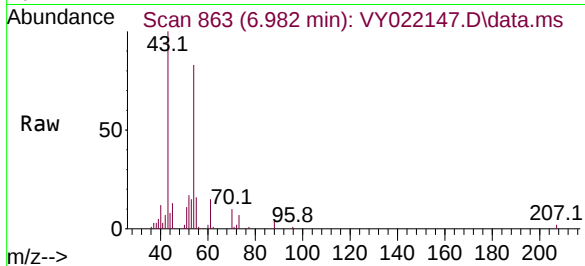




#37
Ethyl Acetate
Concen: 18.778 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

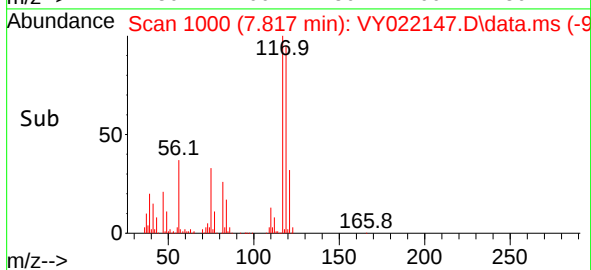
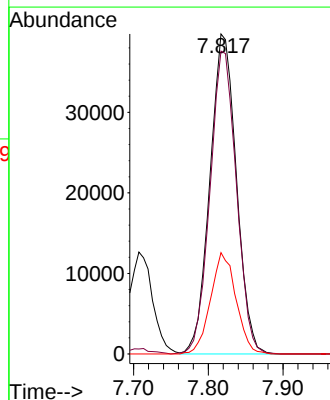
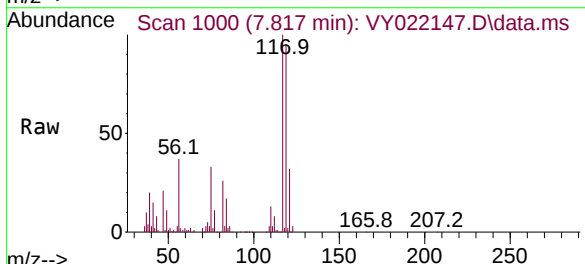
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

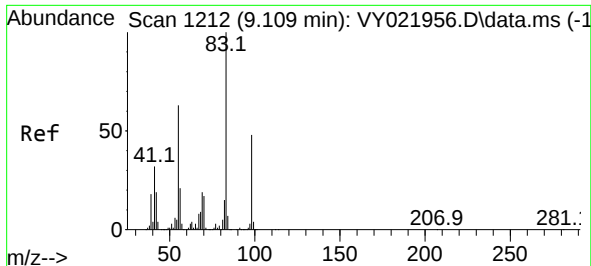
Tgt Ion:	43	Resp:	26192
Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.8	20.6
70	12.3	9.2	13.8



#38
Carbon Tetrachloride
Concen: 21.100 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion:	117	Resp:	97921
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.4
121	31.7	24.0	36.0





#39

Methylcyclohexane

Concen: 19.723 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

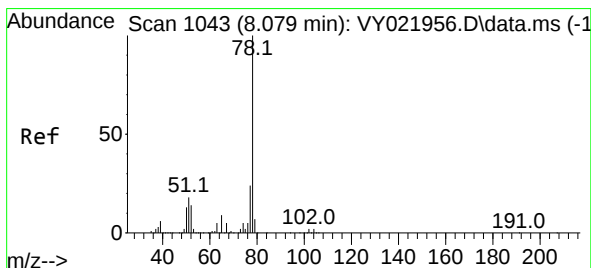
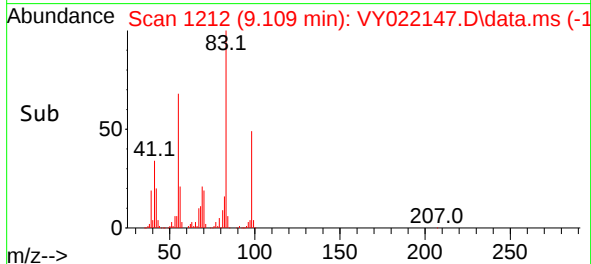
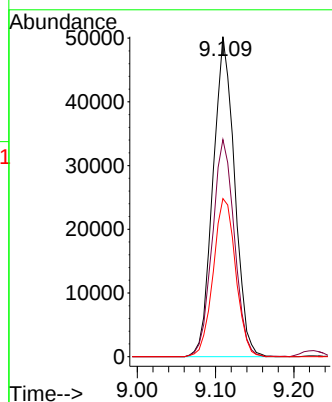
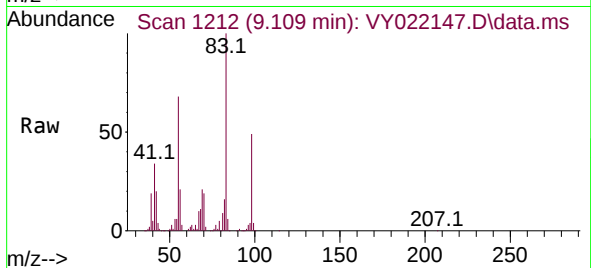
Tgt Ion: 83 Resp: 96393

Ion Ratio Lower Upper

83 100

55 67.9 50.6 75.8

98 49.4 38.6 58.0



#40

Benzene

Concen: 20.191 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022147.D

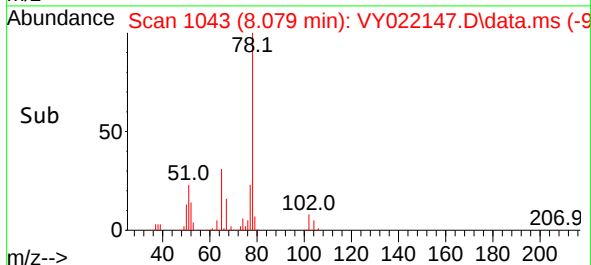
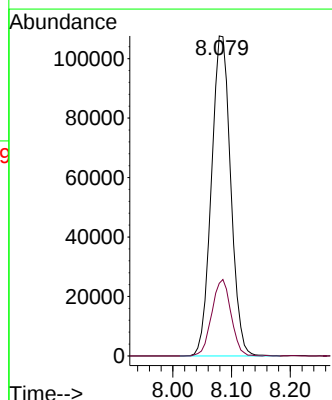
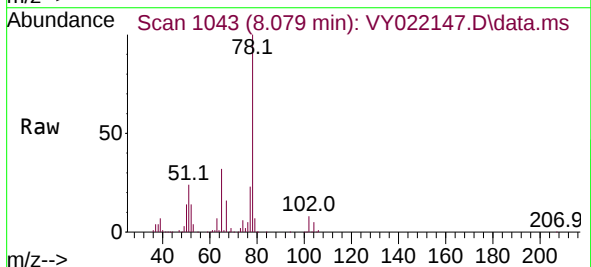
Acq: 05 May 2025 09:55

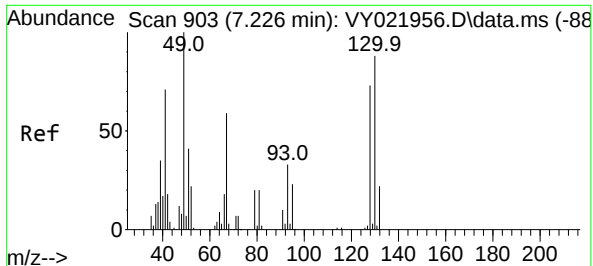
Tgt Ion: 78 Resp: 245125

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

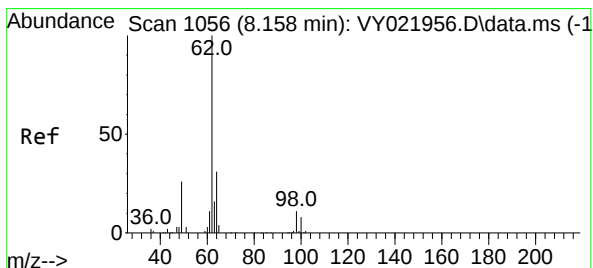
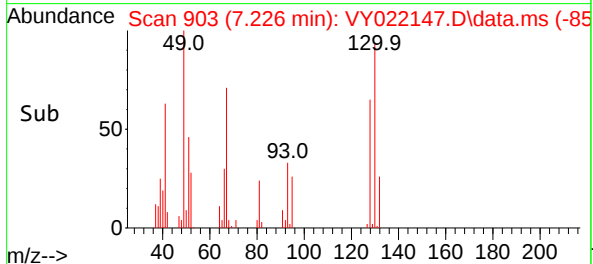
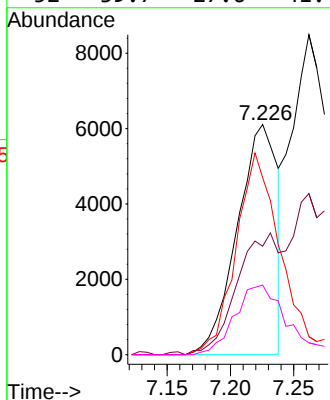
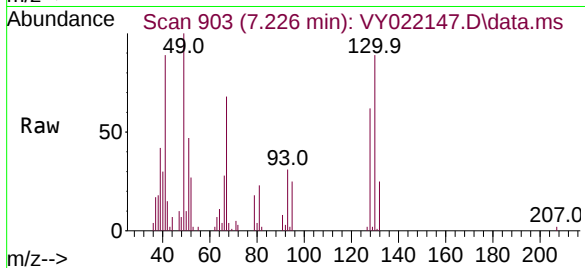




#41
Methacrylonitrile
Concen: 17.581 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

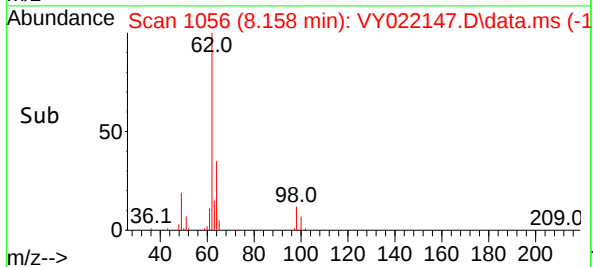
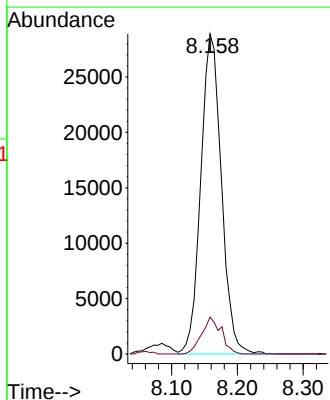
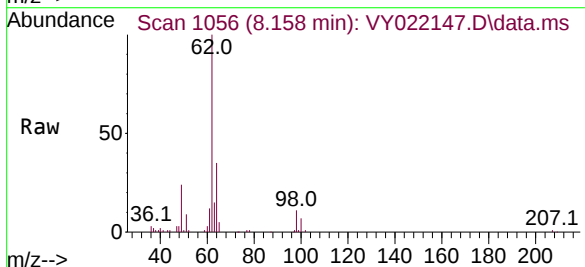
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

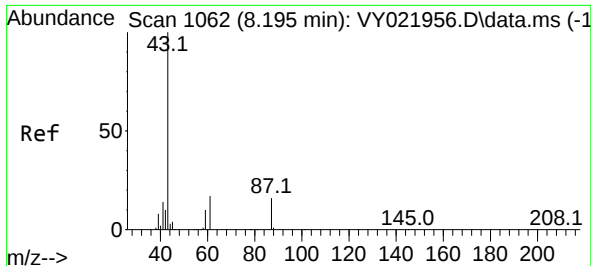
Tgt Ion:	41	Resp:	13405
Ion	Ratio	Lower	Upper
41	100		
39	54.8	36.6	55.0
67	97.8	72.2	108.4
52	39.7	27.6	41.4



#42
1,2-Dichloroethane
Concen: 20.983 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion:	62	Resp:	63069
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

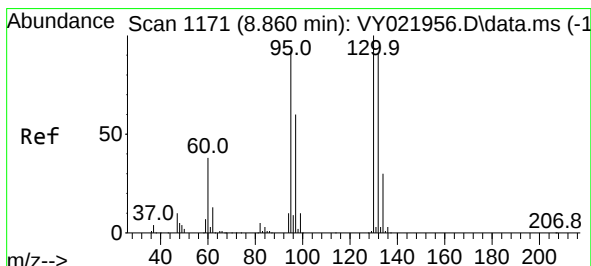
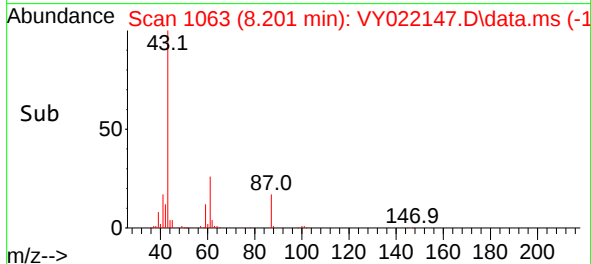
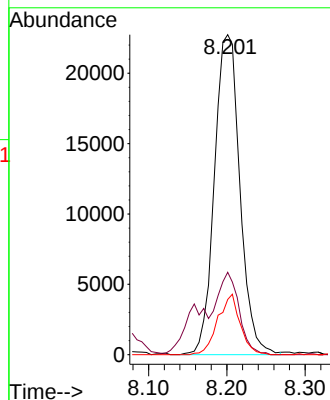
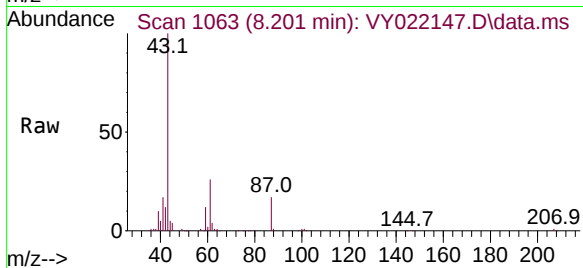




#43
Isopropyl Acetate
Concen: 19.211 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

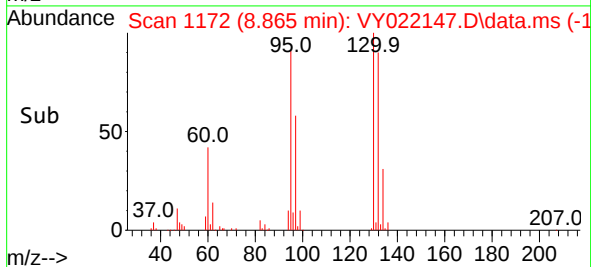
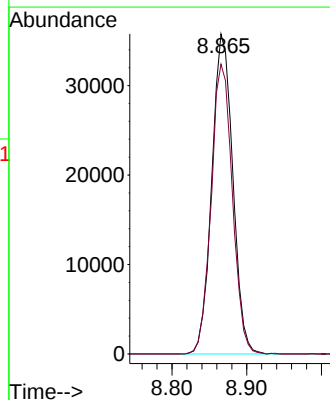
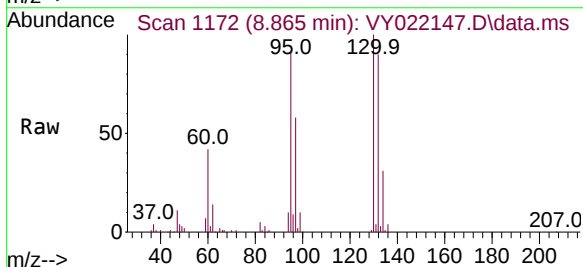
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

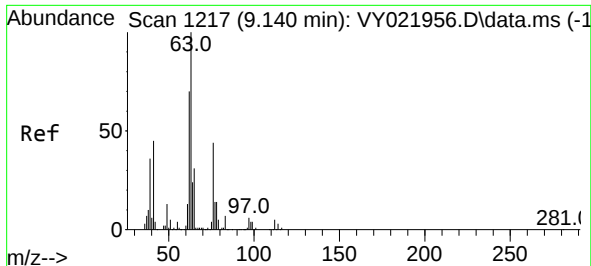
Tgt Ion: 43 Resp: 51461
Ion Ratio Lower Upper
43 100
61 22.7 18.9 28.3
87 16.6 13.7 20.5



#44
Trichloroethene
Concen: 20.727 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 130 Resp: 69699
Ion Ratio Lower Upper
130 100
95 90.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.315 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

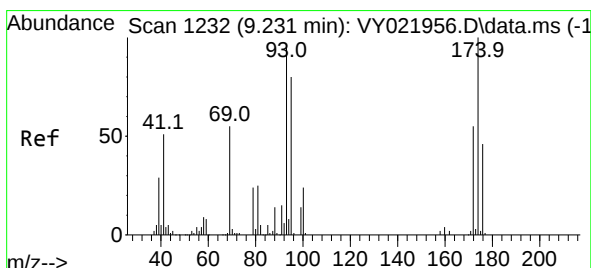
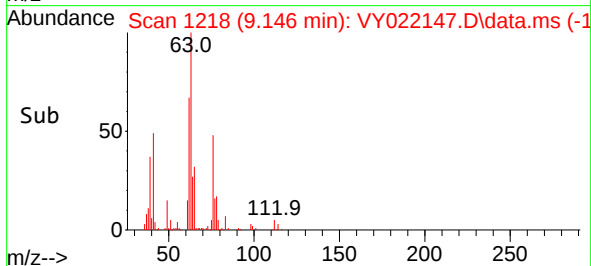
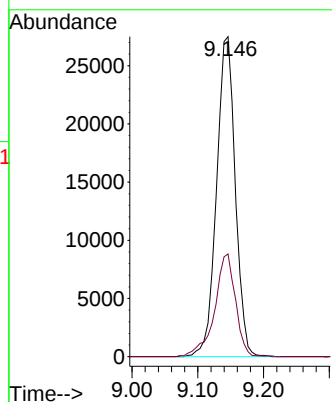
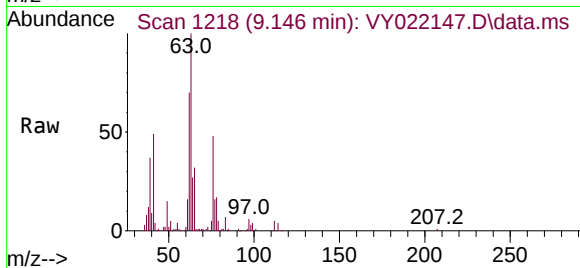
VY0505SBS01

Tgt Ion: 63 Resp: 54540

Ion Ratio Lower Upper

63 100

65 32.1 25.2 37.8



#46

Dibromomethane

Concen: 20.079 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

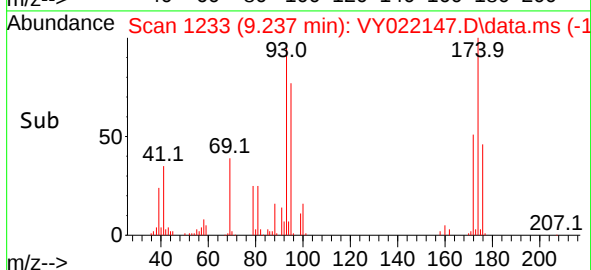
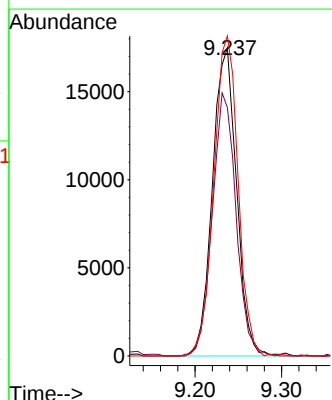
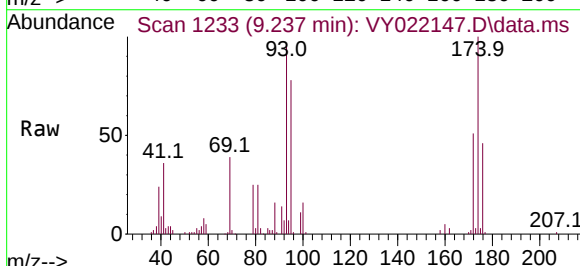
Tgt Ion: 93 Resp: 33746

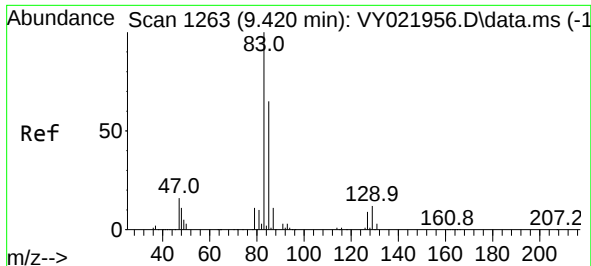
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 104.3 84.6 127.0

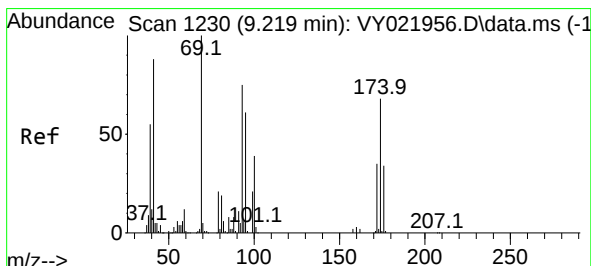
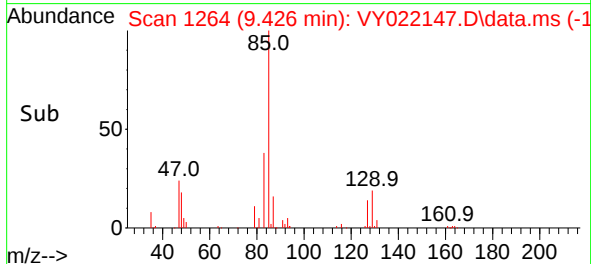
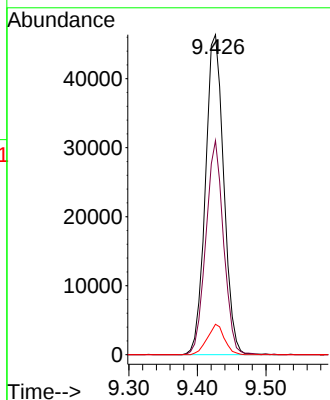
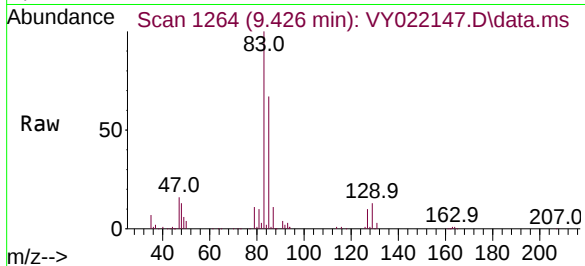




#47
Bromodichloromethane
Concen: 20.515 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

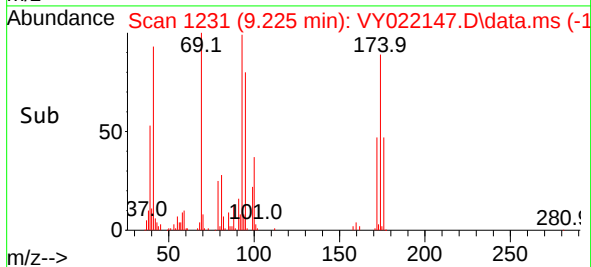
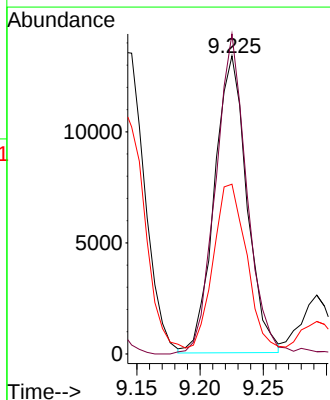
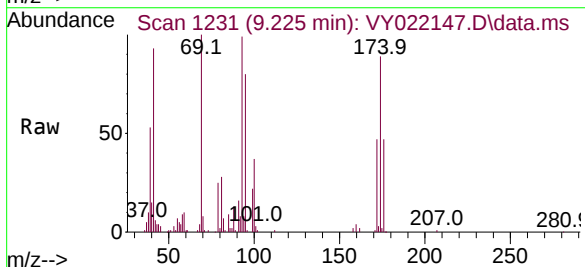
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

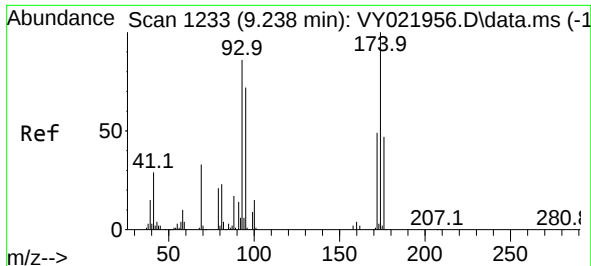
Tgt Ion: 83 Resp: 86130
Ion Ratio Lower Upper
83 100
85 66.9 51.8 77.8
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.301 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 41 Resp: 23901
Ion Ratio Lower Upper
41 100
69 103.4 85.5 128.3
39 56.1 46.2 69.4





#49

1,4-Dioxane

Concen: 358.012 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

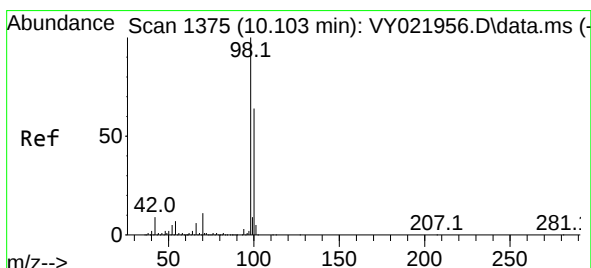
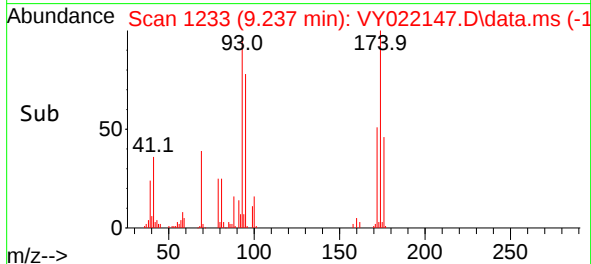
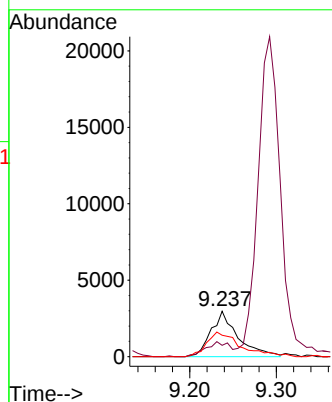
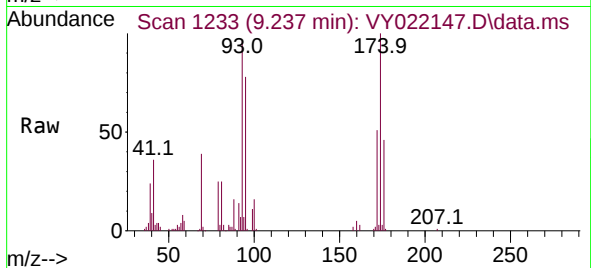
Tgt Ion: 88 Resp: 6413

Ion Ratio Lower Upper

88 100

43 28.7 21.3 31.9

58 68.0 50.5 75.7



#50

Toluene-d8

Concen: 48.941 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022147.D

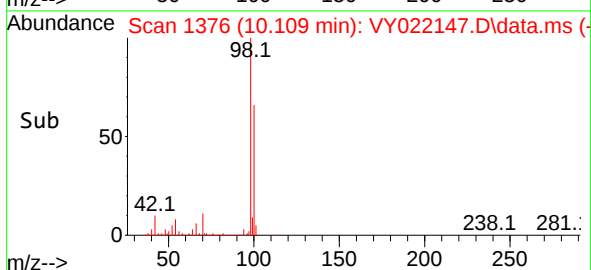
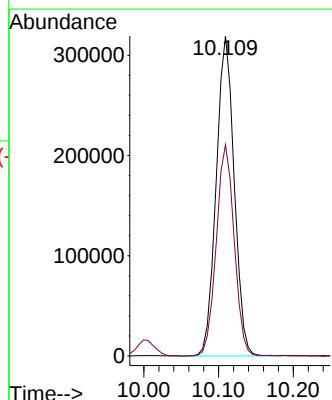
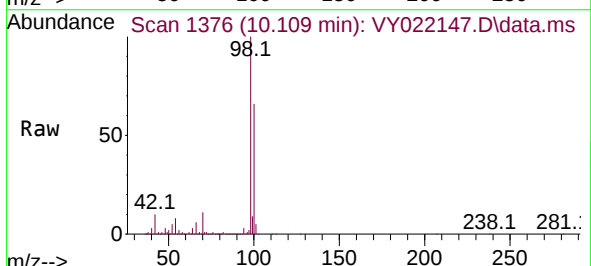
Acq: 05 May 2025 09:55

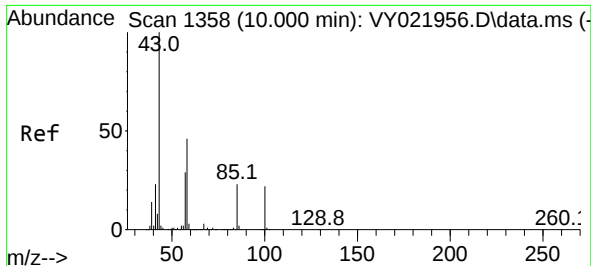
Tgt Ion: 98 Resp: 533457

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

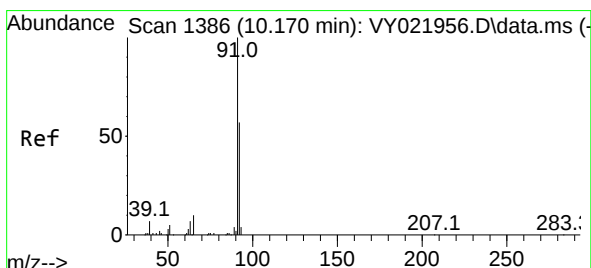
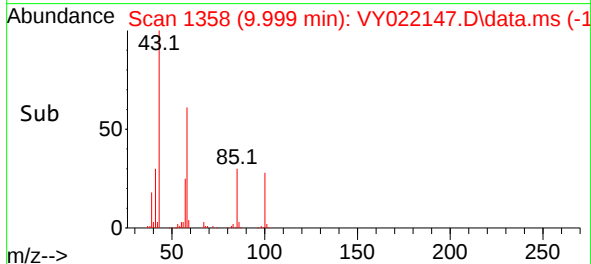
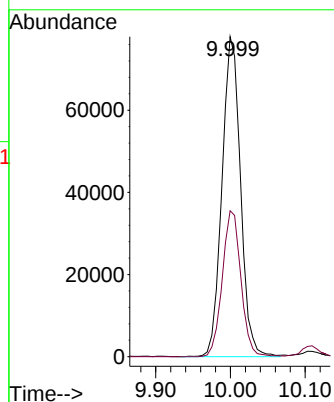
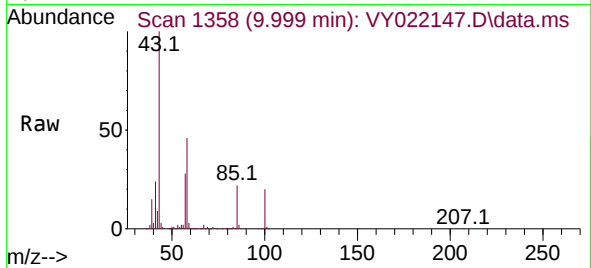




#51
4-Methyl-2-Pentanone
Concen: 95.622 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

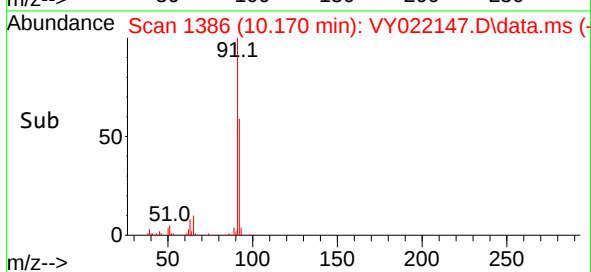
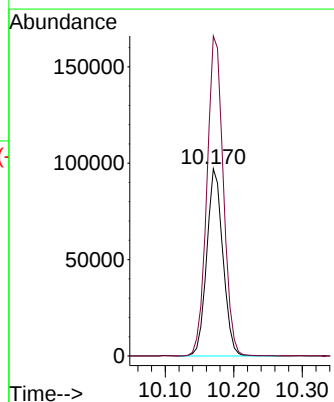
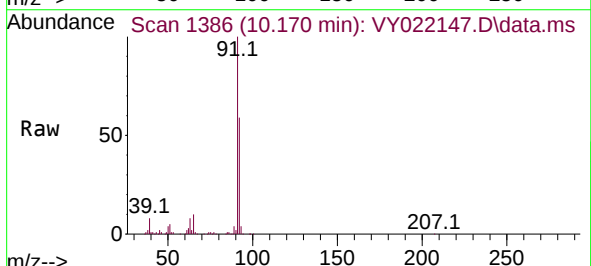
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

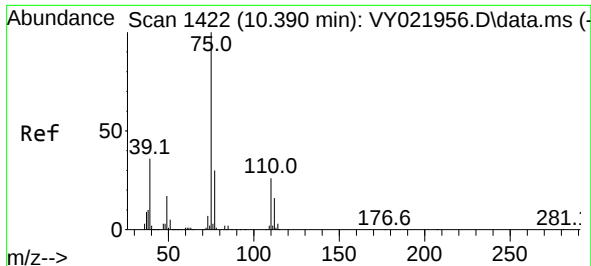
Tgt Ion: 43 Resp: 134271
Ion Ratio Lower Upper
43 100
58 45.8 36.6 55.0



#52
Toluene
Concen: 20.231 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 92 Resp: 158982
Ion Ratio Lower Upper
92 100
91 174.1 138.6 207.8

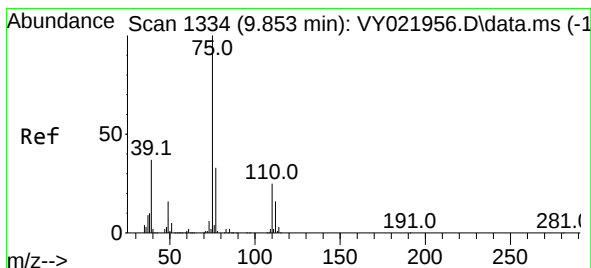
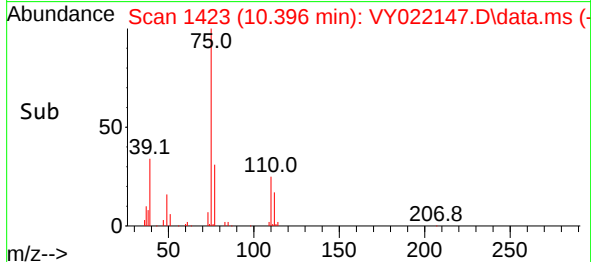
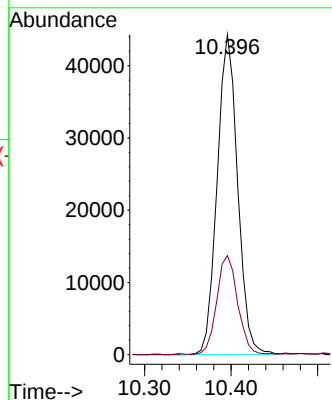
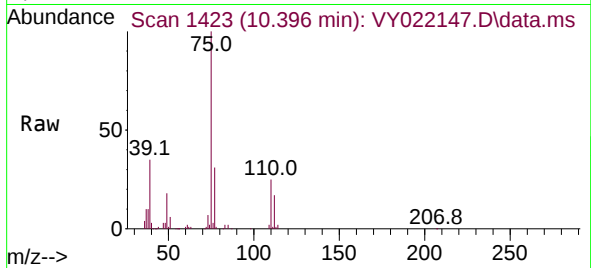




#53
 t-1,3-Dichloropropene
 Concen: 20.194 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

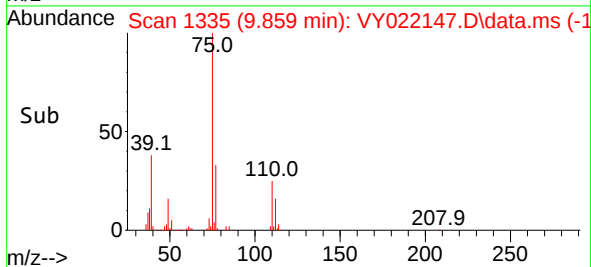
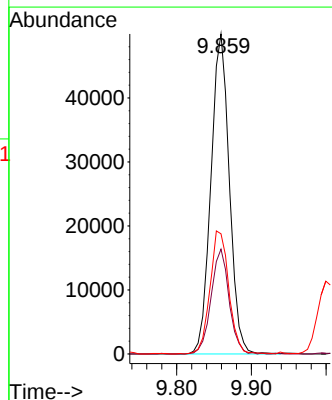
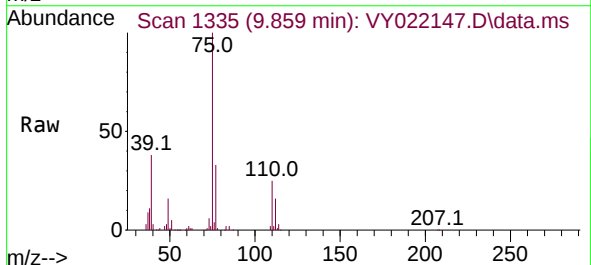
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

Tgt Ion: 75 Resp: 72724
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.017 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

Tgt Ion: 75 Resp: 85689
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.6 40.0
 39 37.4 29.6 44.4

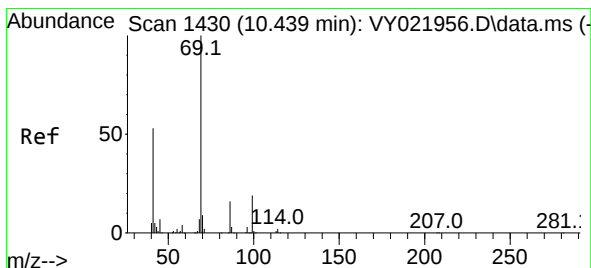
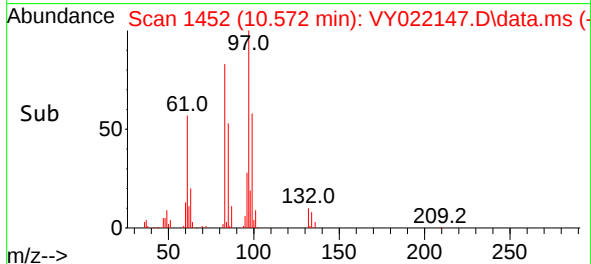
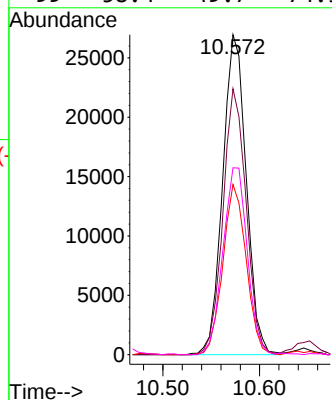
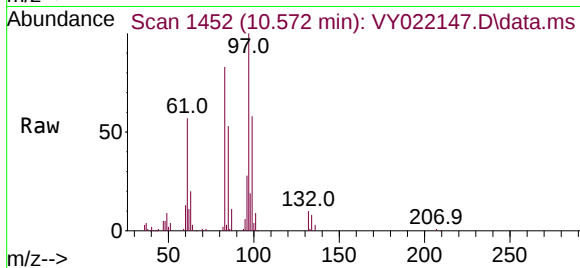




#55
1,1,2-Trichloroethane
Concen: 20.329 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

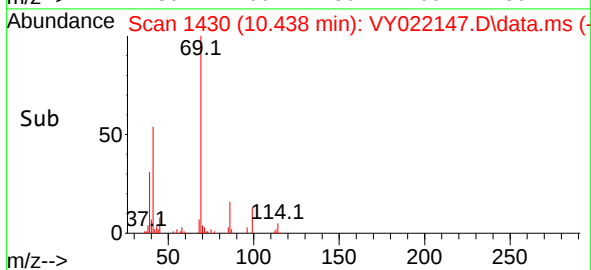
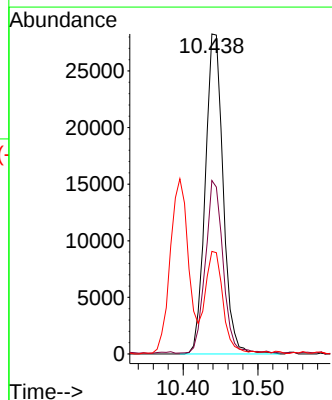
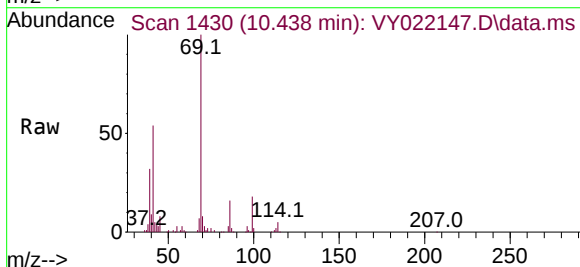
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

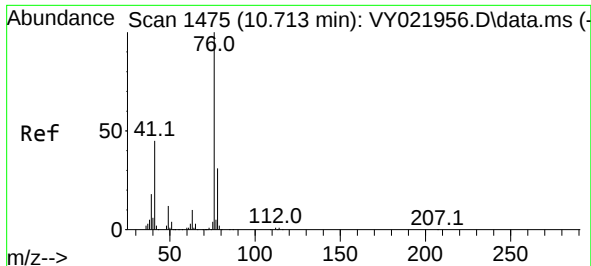
Tgt Ion:	97	Resp:	45637
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.7	100.1
85	53.2	42.6	64.0
99	58.4	49.7	74.5



#56
Ethyl methacrylate
Concen: 18.264 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion:	69	Resp:	46887
Ion	Ratio	Lower	Upper
69	100		
41	53.4	40.7	61.1
39	30.8	23.3	34.9





#57

1,3-Dichloropropane

Concen: 20.052 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

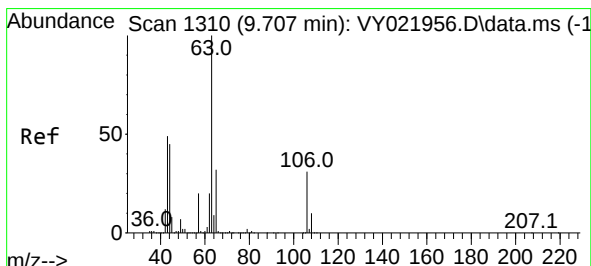
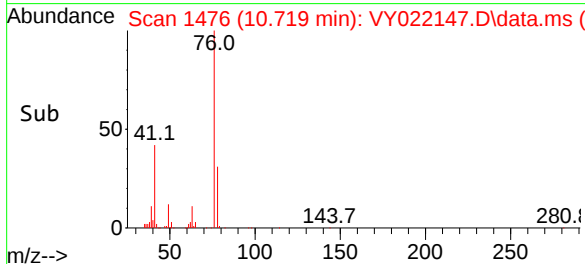
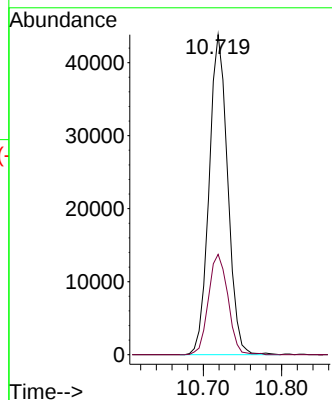
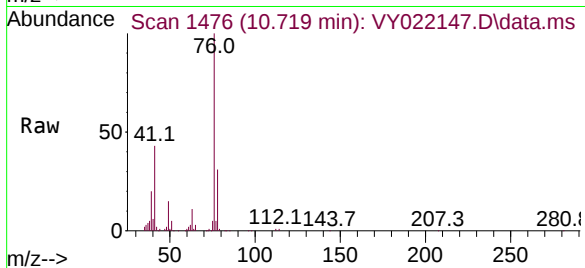
VY0505SBS01

Tgt Ion: 76 Resp: 72166

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.924 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022147.D

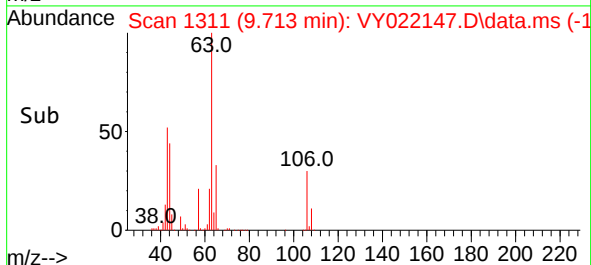
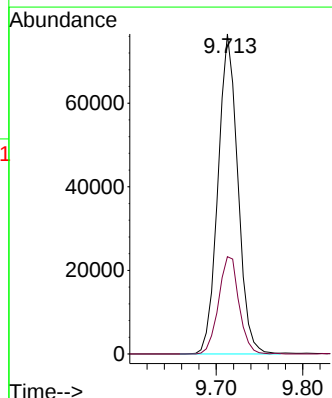
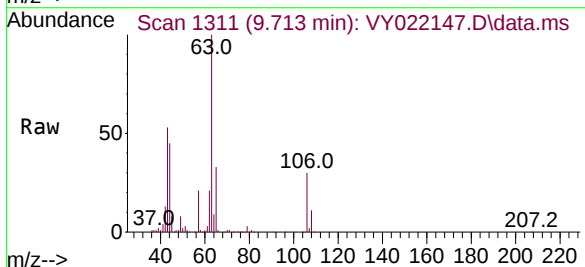
Acq: 05 May 2025 09:55

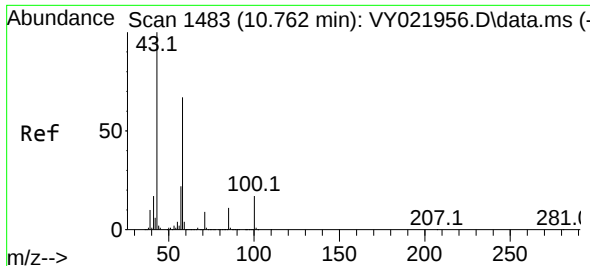
Tgt Ion: 63 Resp: 121659

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9

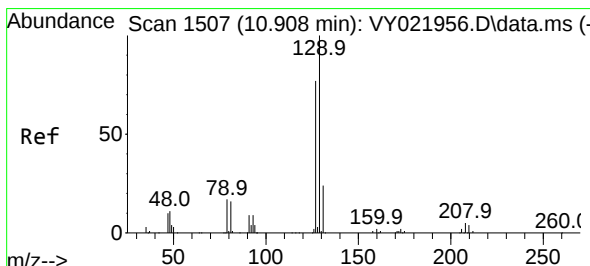
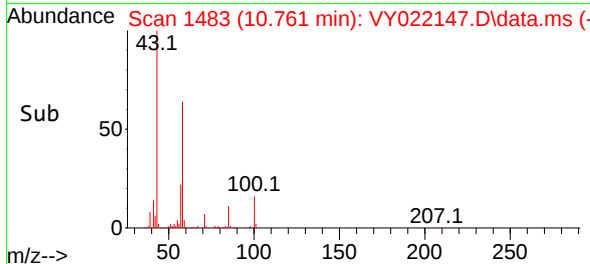
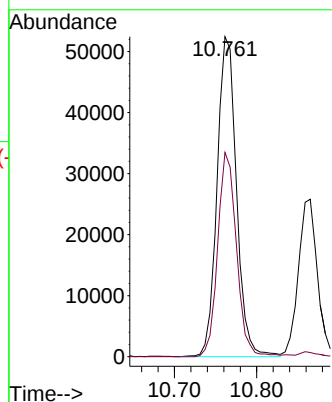
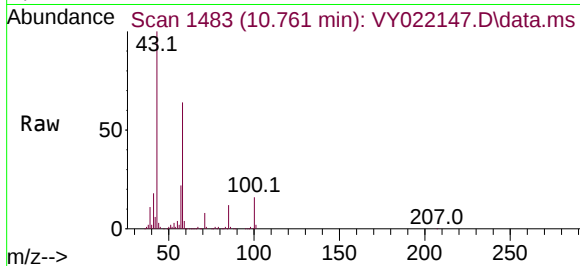




#59
2-Hexanone
Concen: 92.884 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

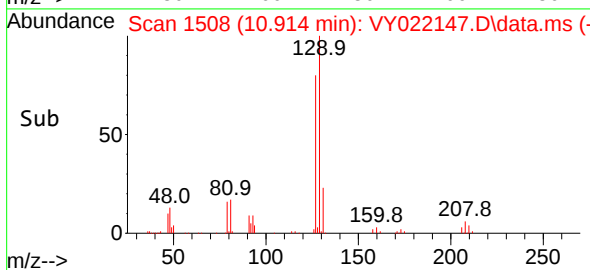
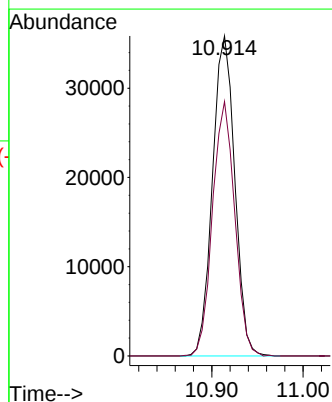
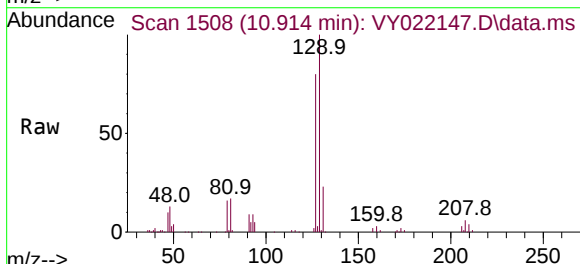
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

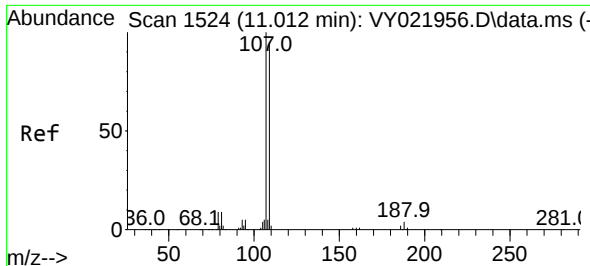
Tgt Ion: 43 Resp: 86027
Ion Ratio Lower Upper
43 100
58 61.7 32.0 96.0



#60
Dibromochloromethane
Concen: 19.509 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 129 Resp: 60636
Ion Ratio Lower Upper
129 100
127 79.5 38.5 115.3

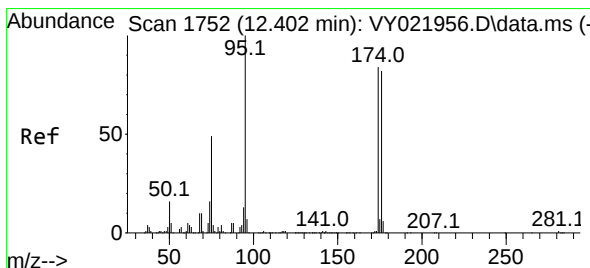
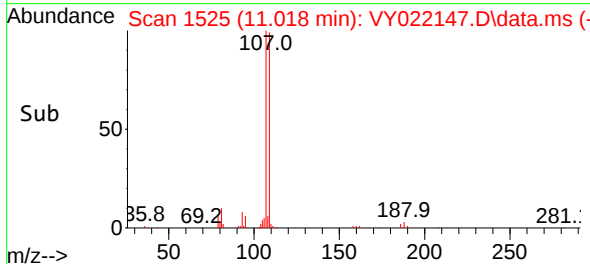
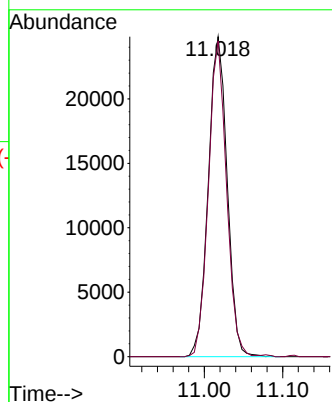
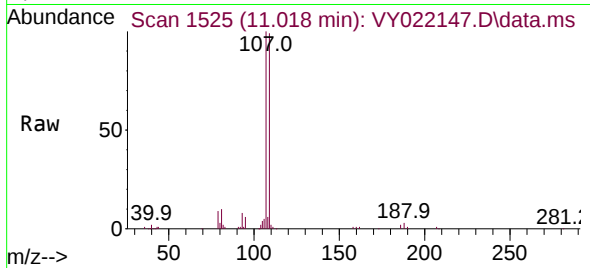




#61
1,2-Dibromoethane
Concen: 19.572 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

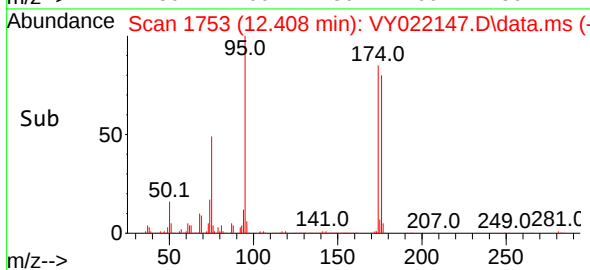
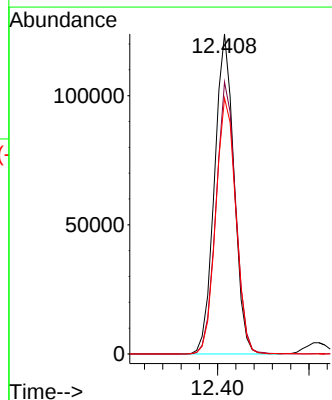
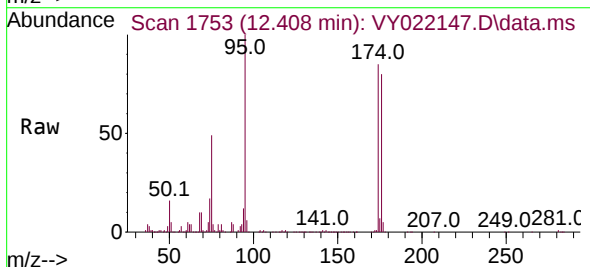
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

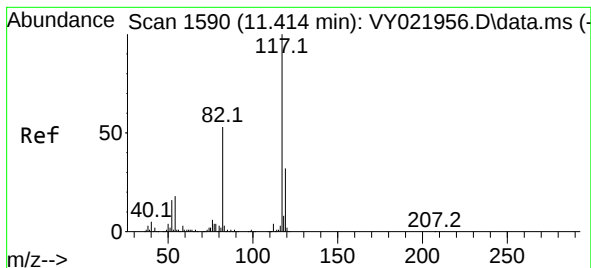
Tgt Ion:107 Resp: 41480
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 95 Resp: 183926
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.0
176 82.2 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

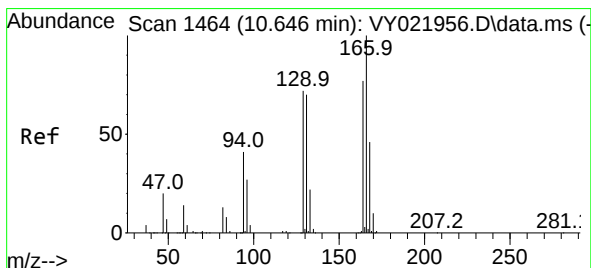
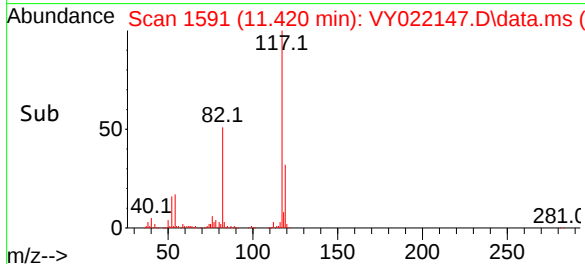
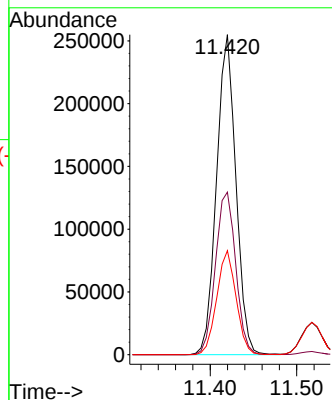
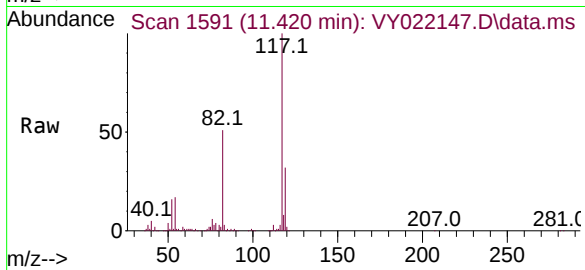
Tgt Ion:117 Resp: 395977

Ion Ratio Lower Upper

117 100

82 50.8 42.1 63.1

119 32.5 25.7 38.5



#64

Tetrachloroethene

Concen: 21.251 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Tgt Ion:164 Resp: 79383

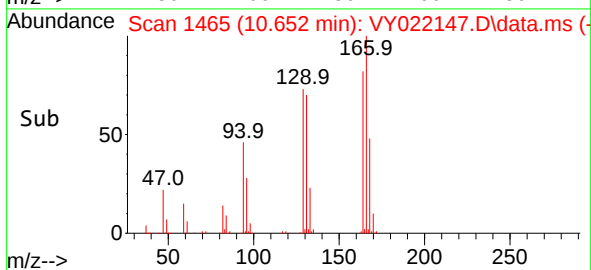
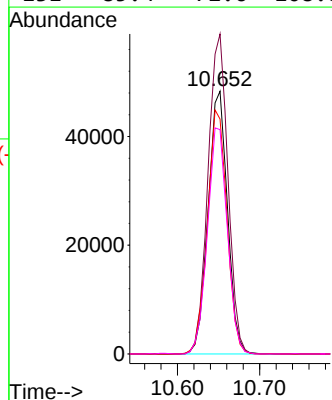
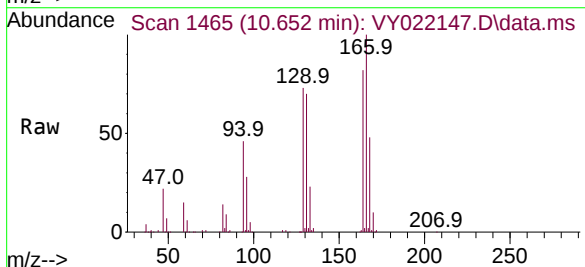
Ion Ratio Lower Upper

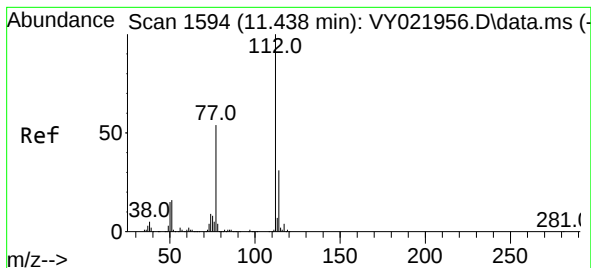
164 100

166 121.8 103.6 155.4

129 89.4 74.2 111.4

131 85.4 72.6 108.8





#65

Chlorobenzene

Concen: 20.038 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

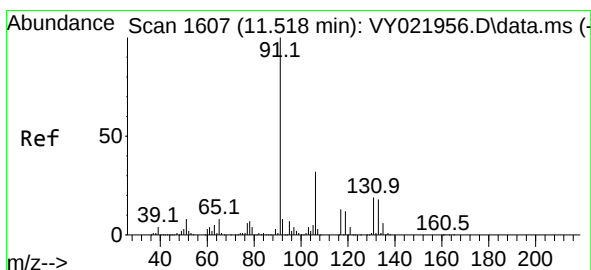
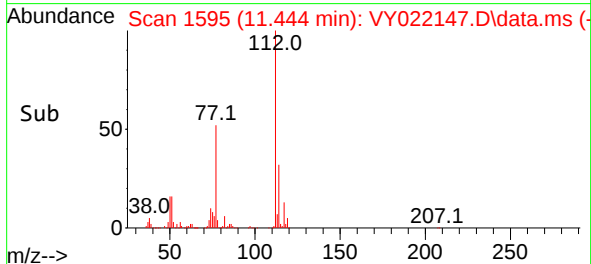
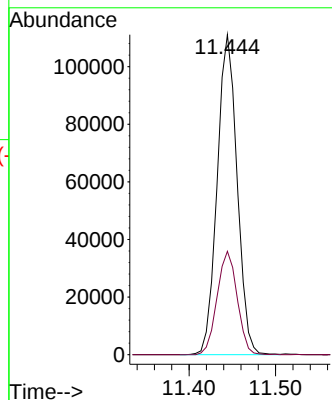
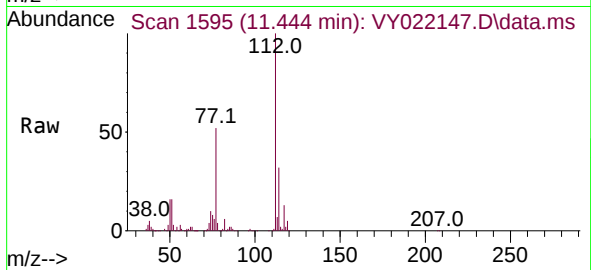
VY0505SBS01

Tgt Ion:112 Resp: 177439

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.042 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

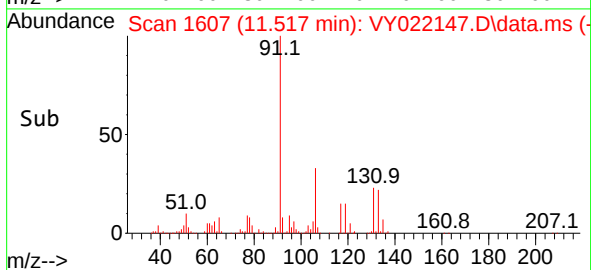
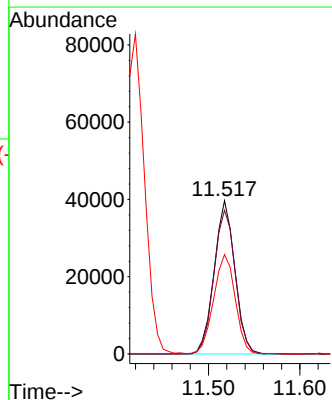
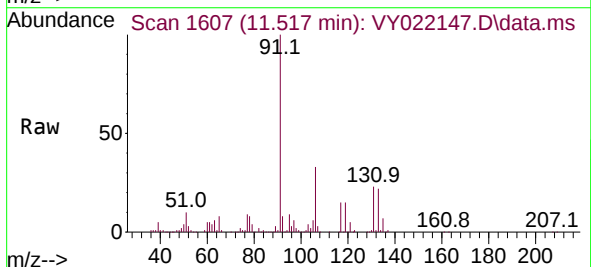
Tgt Ion:131 Resp: 62480

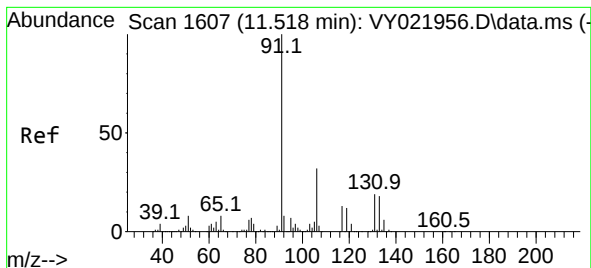
Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.3

119 67.7 32.4 97.0





#67

Ethyl Benzene

Concen: 19.639 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

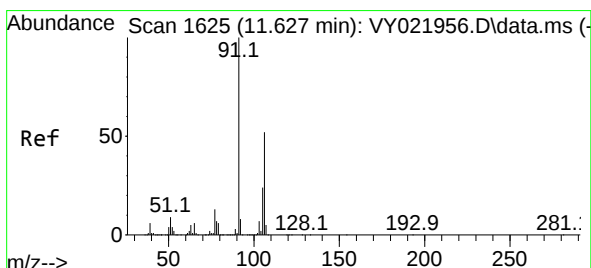
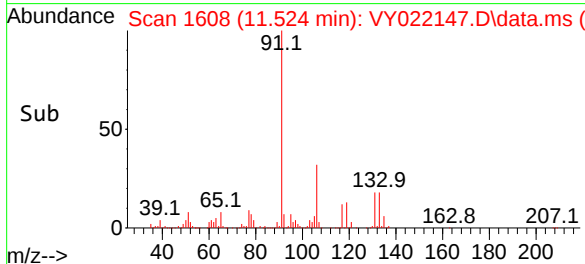
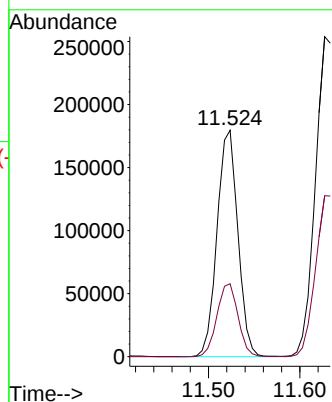
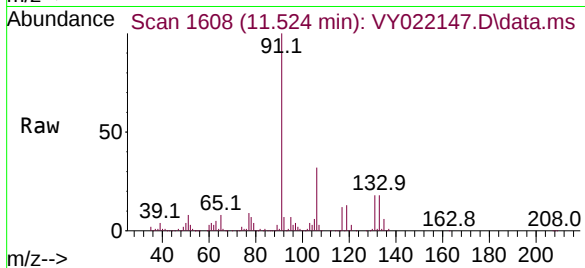
VY0505SBS01

Tgt Ion: 91 Resp: 284474

Ion Ratio Lower Upper

91 100

106 32.2 25.9 38.9



#68

m/p-Xylenes

Concen: 40.298 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022147.D

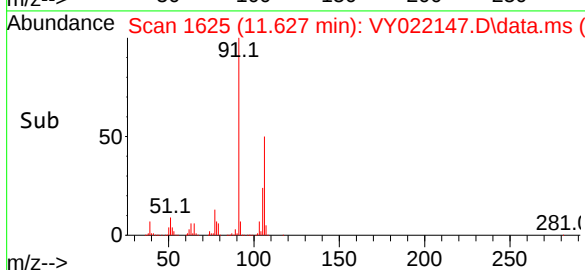
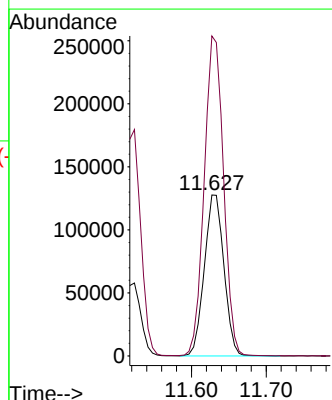
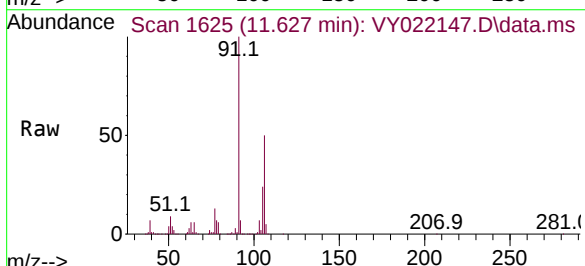
Acq: 05 May 2025 09:55

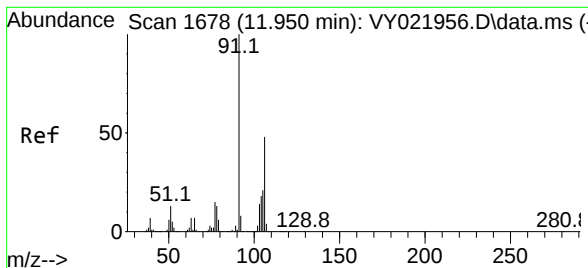
Tgt Ion:106 Resp: 232280

Ion Ratio Lower Upper

106 100

91 196.4 156.2 234.2

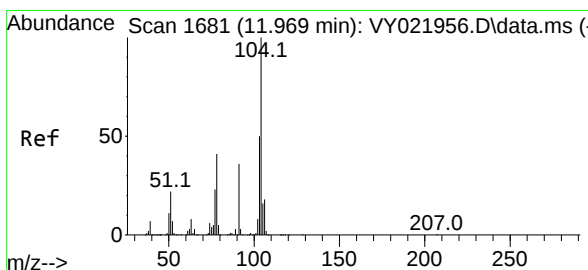
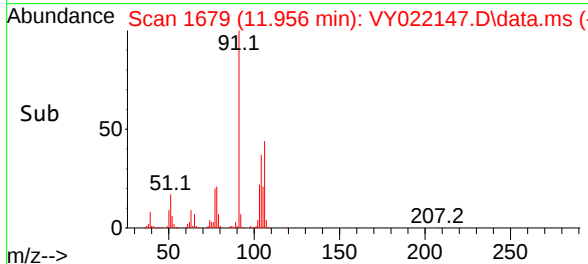
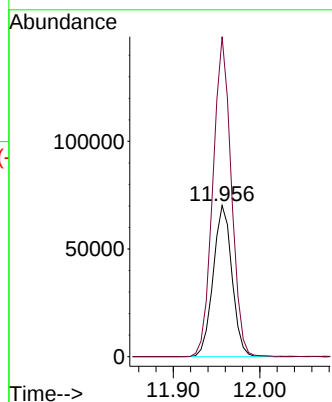
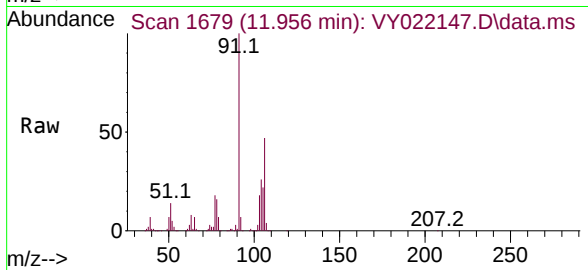




#69
o-Xylene
Concen: 19.902 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

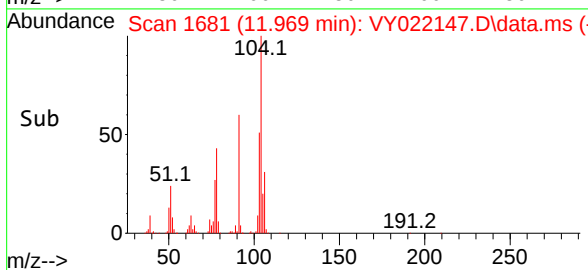
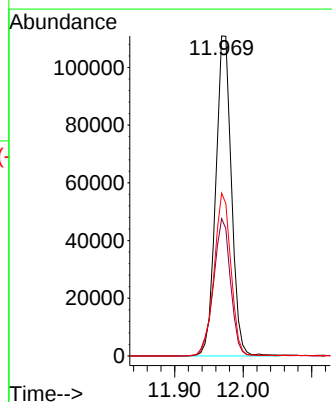
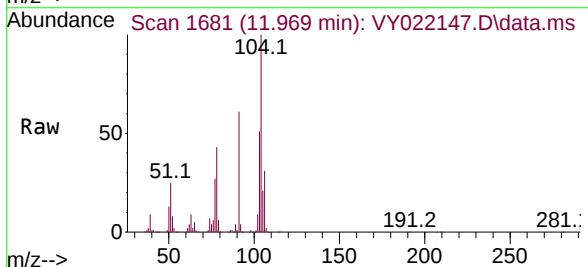
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

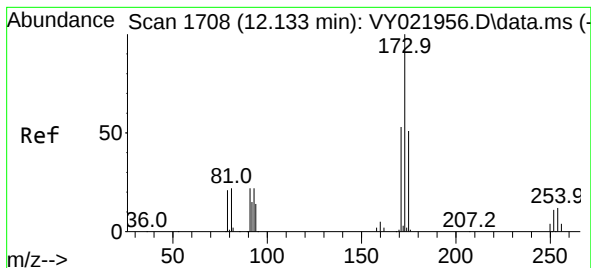
Tgt Ion:106 Resp: 105732
Ion Ratio Lower Upper
106 100
91 207.7 103.0 308.9



#70
Styrene
Concen: 19.824 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion:104 Resp: 176830
Ion Ratio Lower Upper
104 100
78 46.6 36.6 54.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 19.281 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

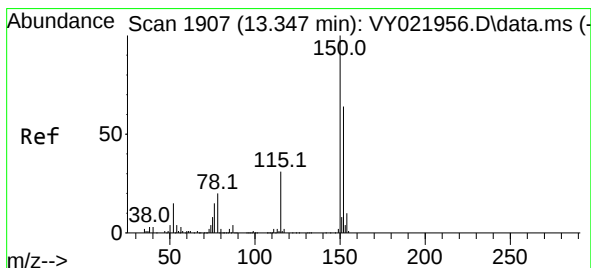
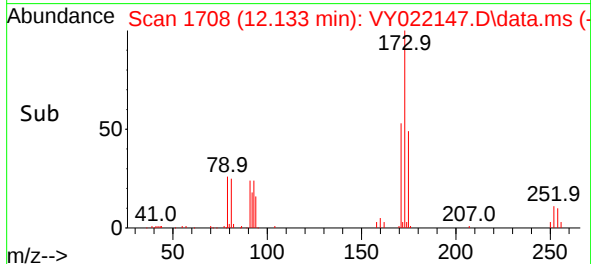
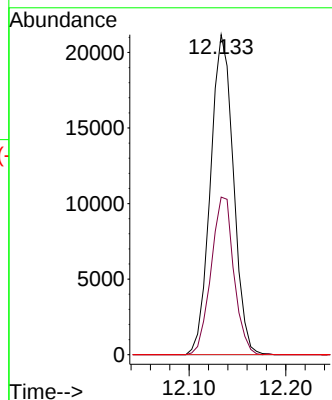
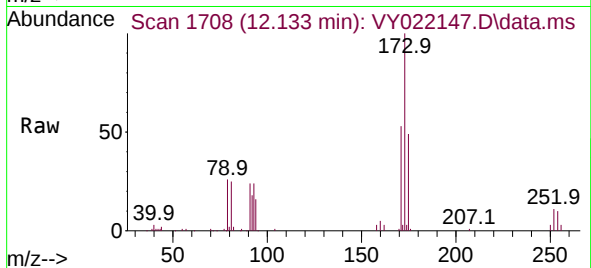
Tgt Ion:173 Resp: 34946

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

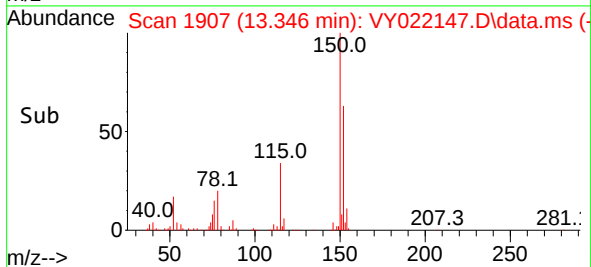
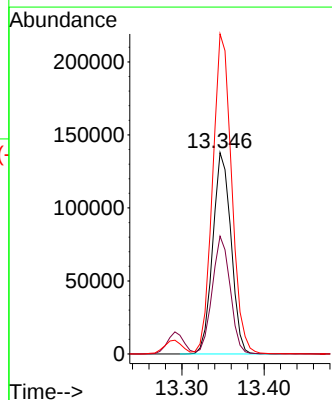
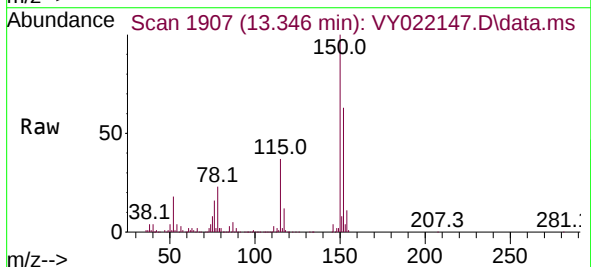
Tgt Ion:152 Resp: 212383

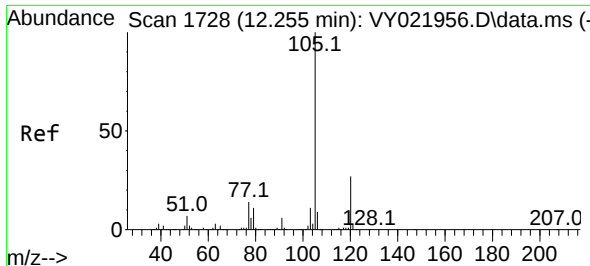
Ion Ratio Lower Upper

152 100

115 57.6 28.0 84.0

150 165.6 0.0 345.6

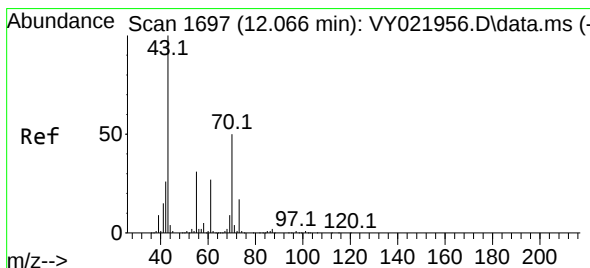
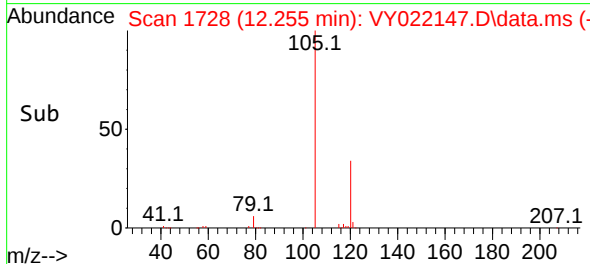
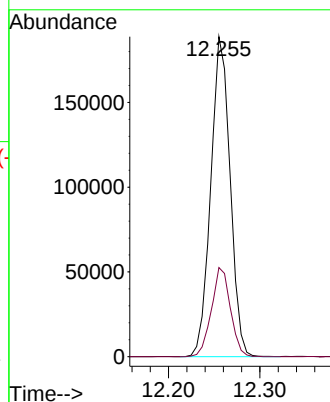
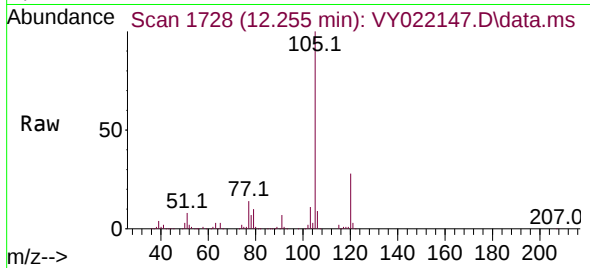




#73
Isopropylbenzene
Concen: 19.517 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

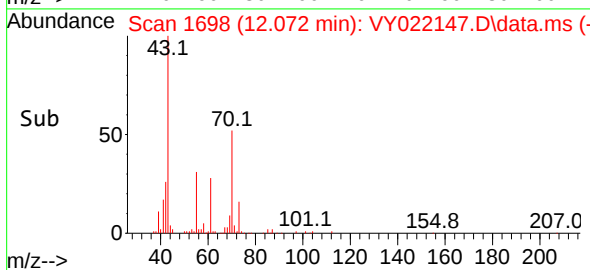
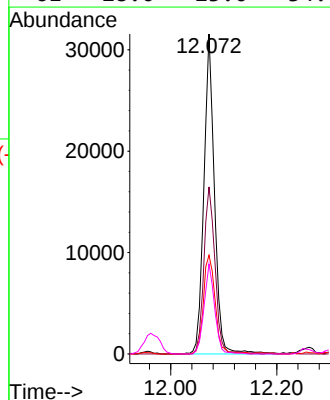
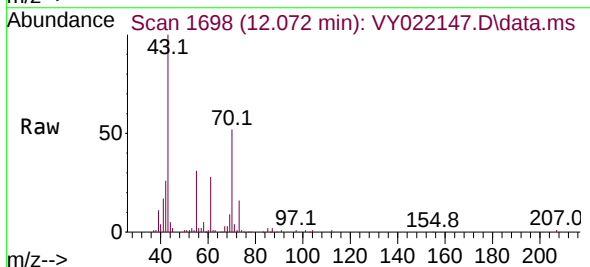
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

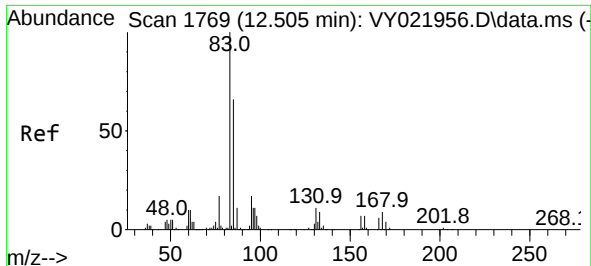
Tgt Ion:105 Resp: 276933
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5



#74
N-ethyl acetate
Concen: 18.014 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 43 Resp: 43915
Ion Ratio Lower Upper
43 100
70 55.0 43.2 64.8
55 34.4 25.7 38.5
61 28.0 23.0 34.6

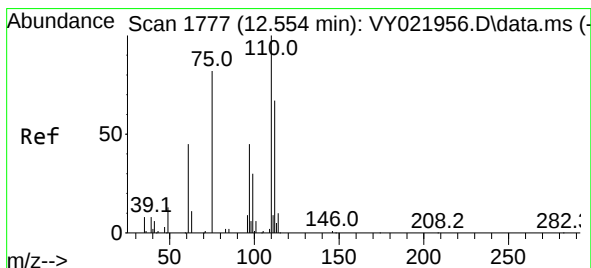
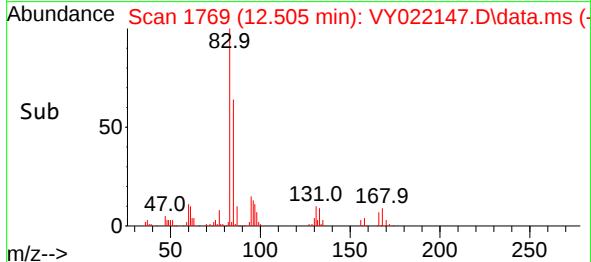
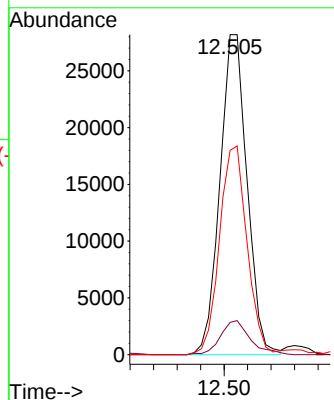
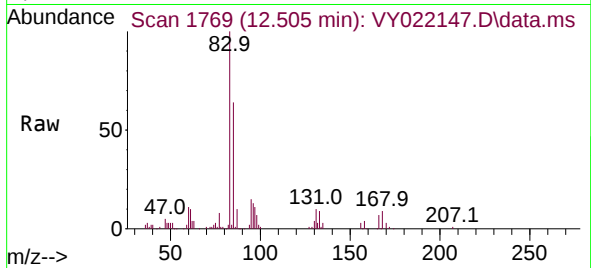




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.928 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

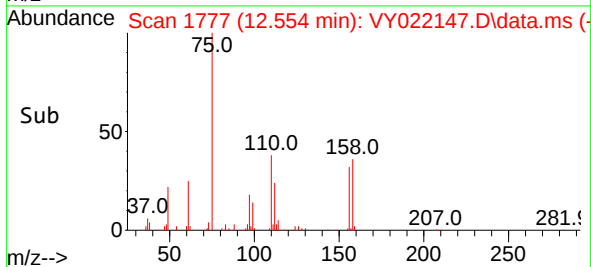
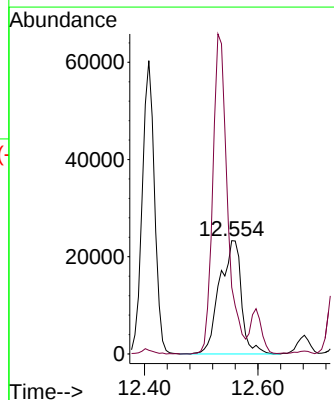
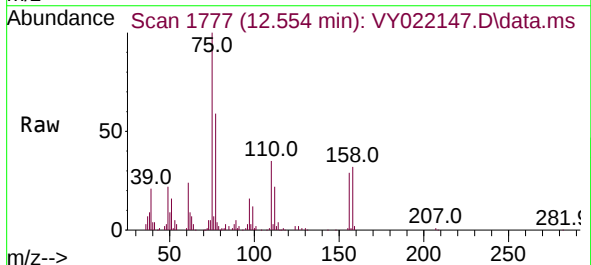
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0505SBS01

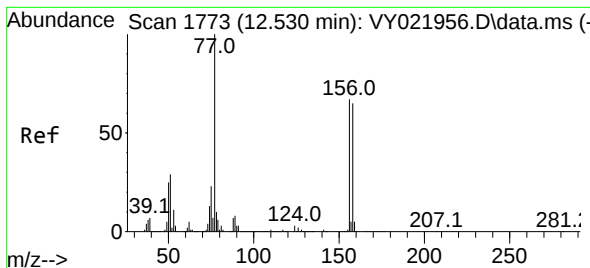
Tgt Ion: 83 Resp: 45282
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.5 16.4
 85 66.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.098 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022147.D
 Acq: 05 May 2025 09:55

Tgt Ion: 75 Resp: 62030
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.332 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

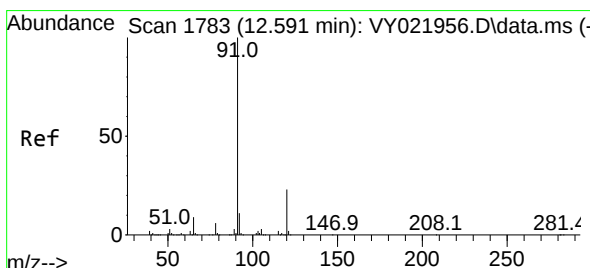
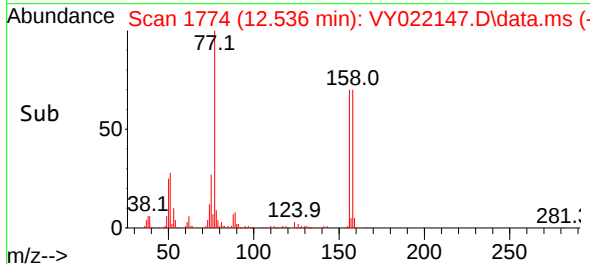
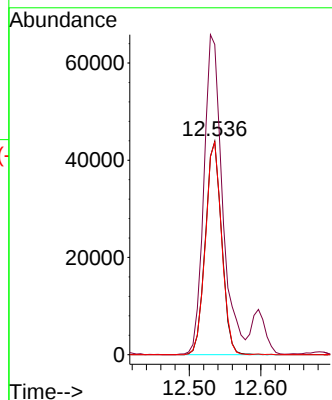
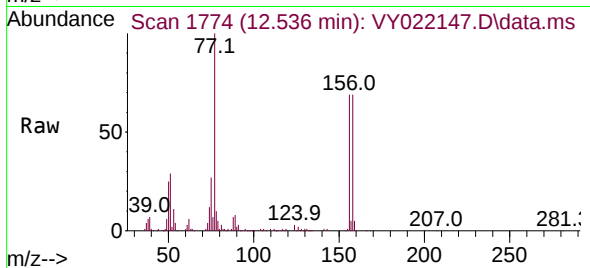
Tgt Ion:156 Resp: 69315

Ion Ratio Lower Upper

156 100

77 171.1 82.7 248.1

158 99.3 48.1 144.4



#78

n-propylbenzene

Concen: 20.055 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022147.D

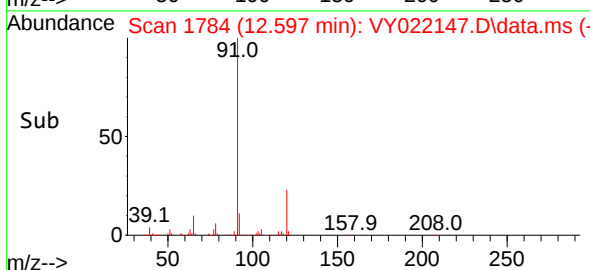
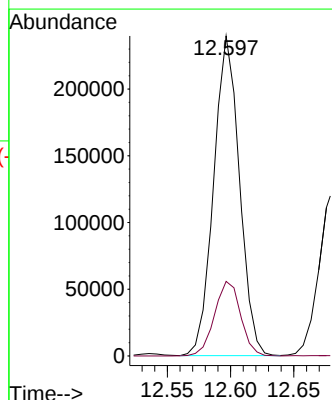
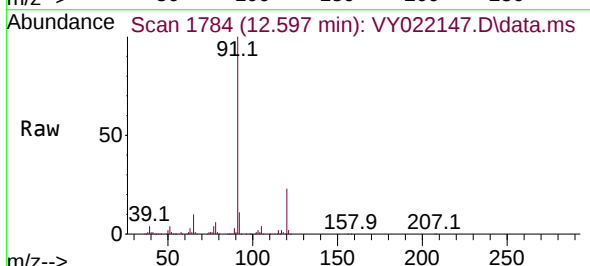
Acq: 05 May 2025 09:55

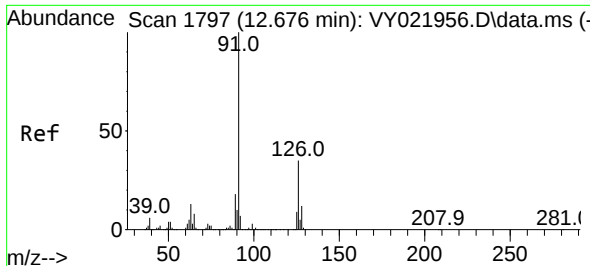
Tgt Ion: 91 Resp: 338881

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.923 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

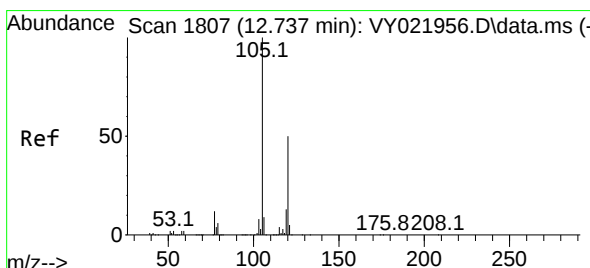
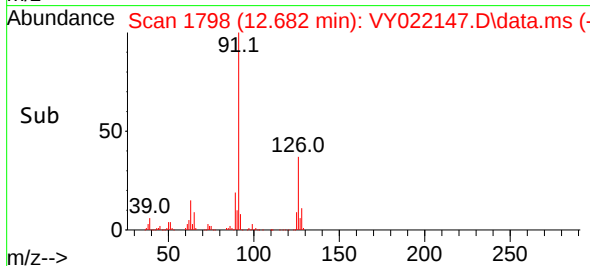
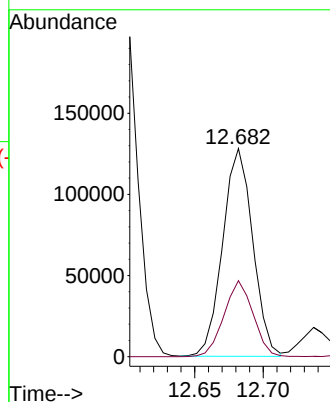
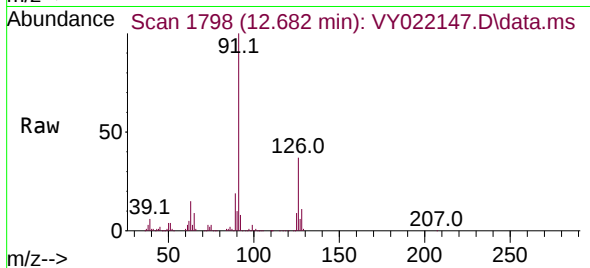
VY0505SBS01

Tgt Ion: 91 Resp: 195791

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.129 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022147.D

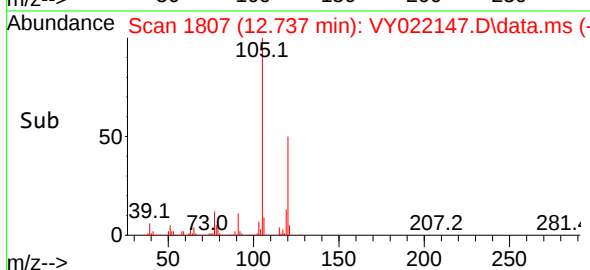
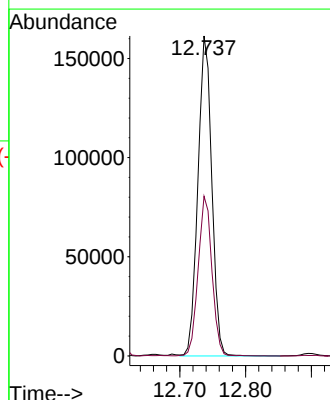
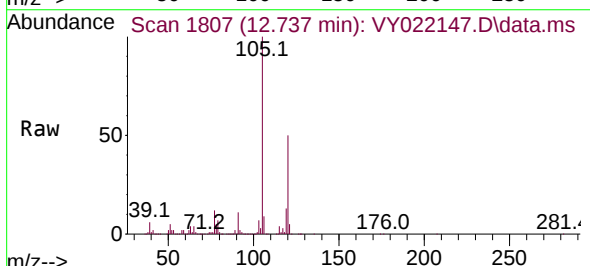
Acq: 05 May 2025 09:55

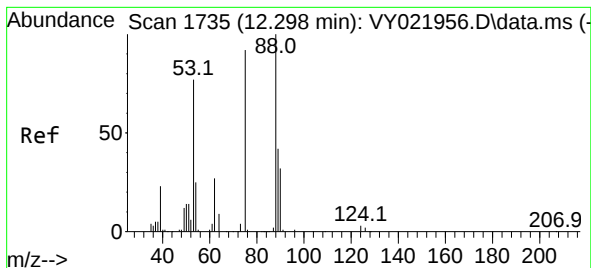
Tgt Ion: 105 Resp: 235339

Ion Ratio Lower Upper

105 100

120 49.7 25.0 75.0

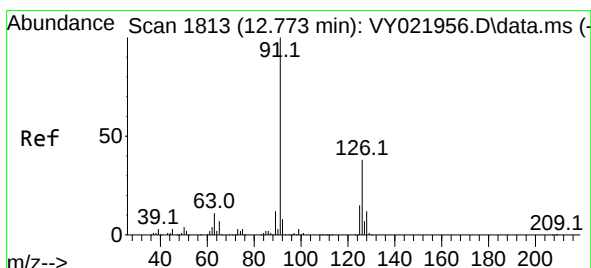
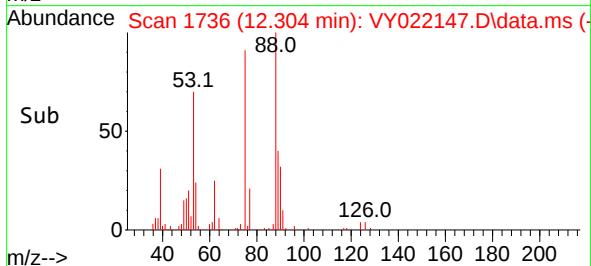
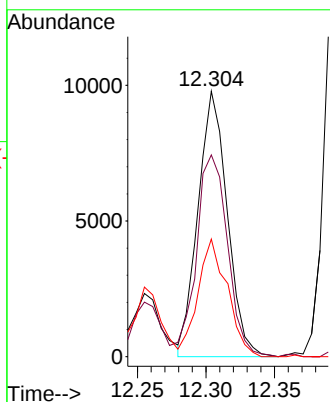
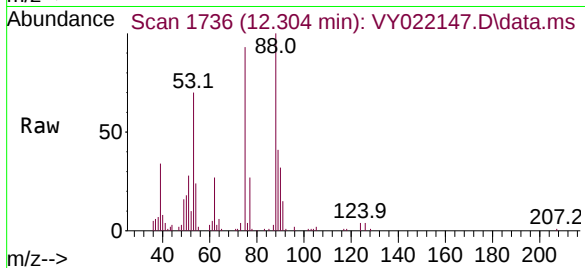




#81
trans-1,4-Dichloro-2-butene
Concen: 19.255 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

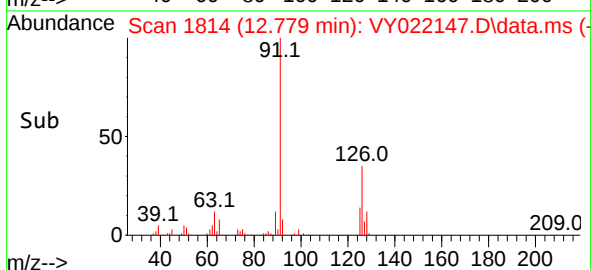
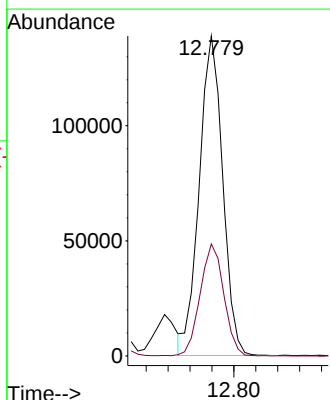
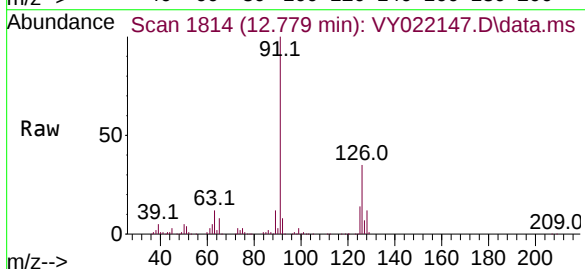
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

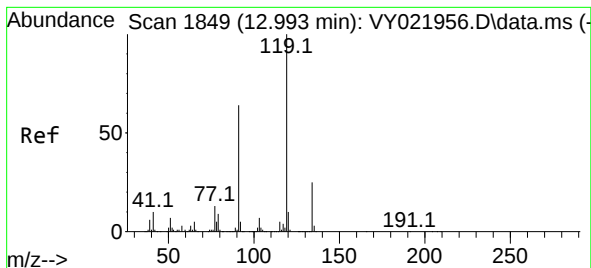
Tgt Ion: 75 Resp: 14546
Ion Ratio Lower Upper
75 100
53 81.1 66.0 99.0
89 44.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.188 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 91 Resp: 206233
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.219 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

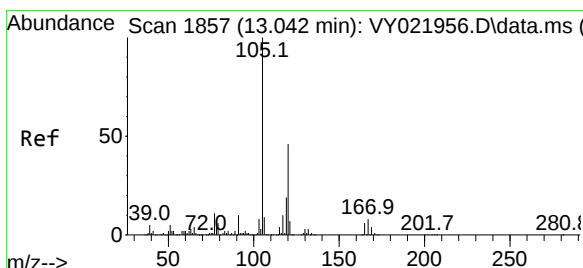
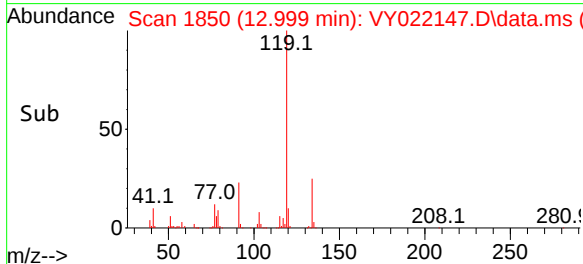
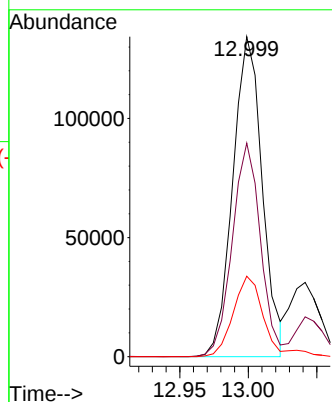
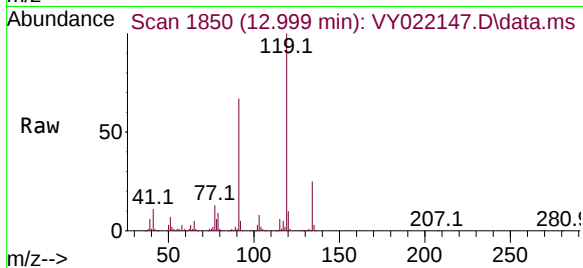
Tgt Ion:119 Resp: 201521

Ion Ratio Lower Upper

119 100

91 63.9 30.3 90.9

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.045 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022147.D

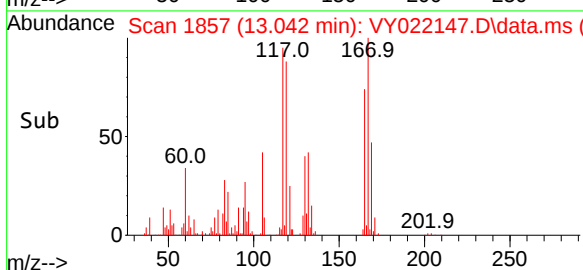
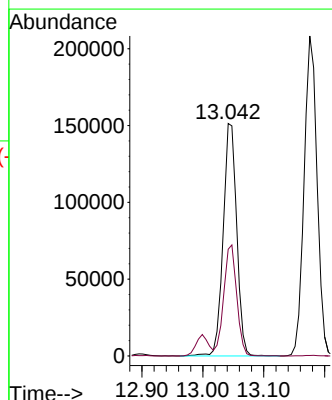
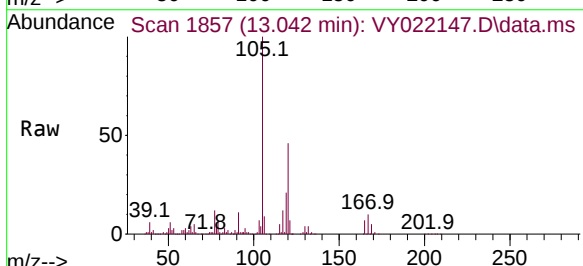
Acq: 05 May 2025 09:55

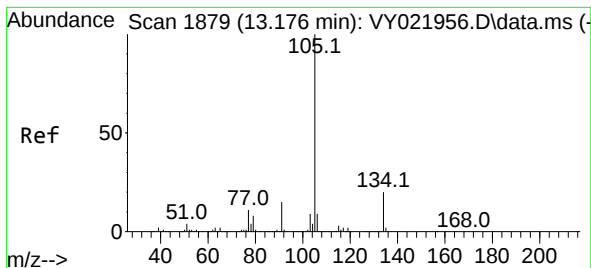
Tgt Ion:105 Resp: 234406

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.041 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

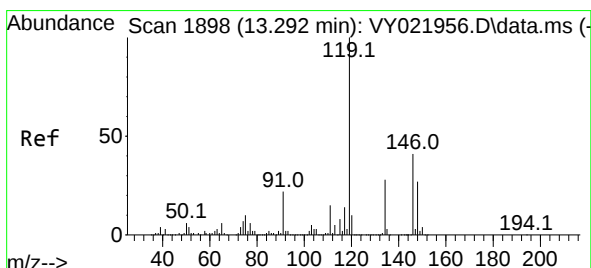
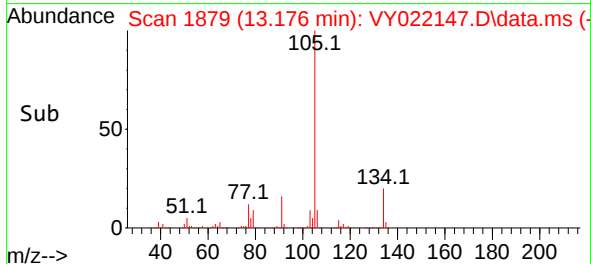
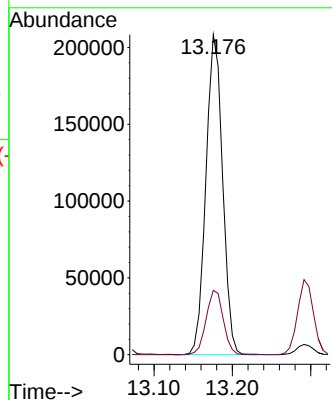
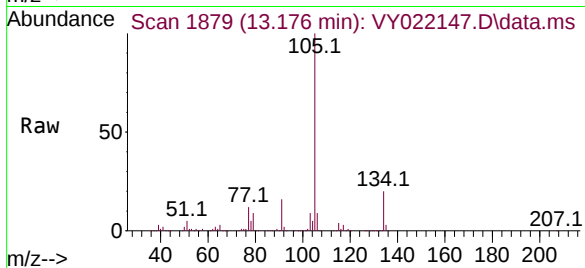
VY0505SBS01

Tgt Ion:105 Resp: 307501

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.960 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

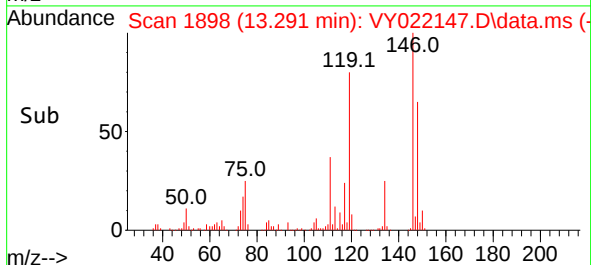
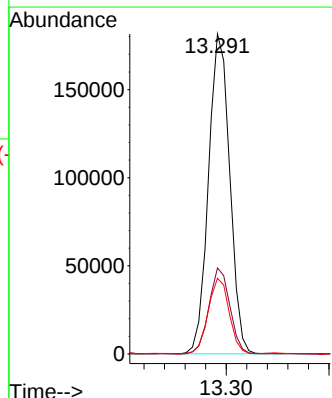
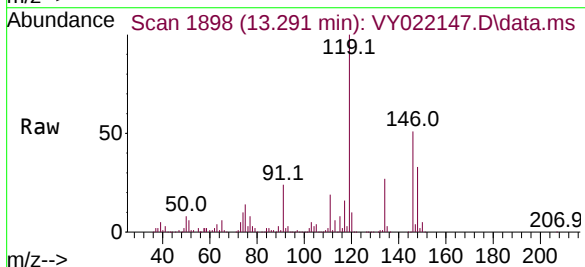
Tgt Ion:119 Resp: 260054

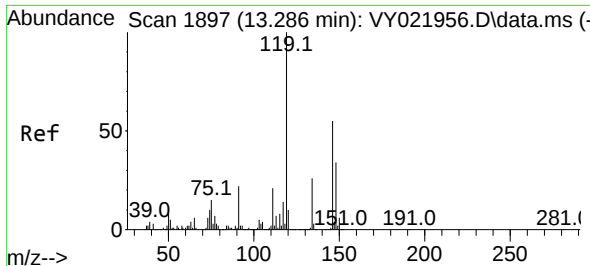
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

91 23.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.604 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

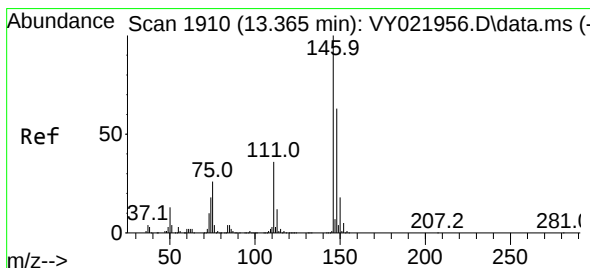
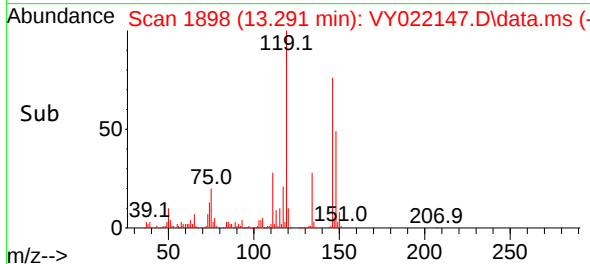
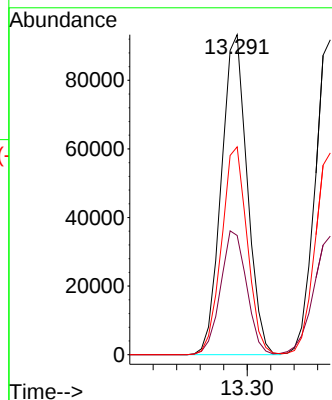
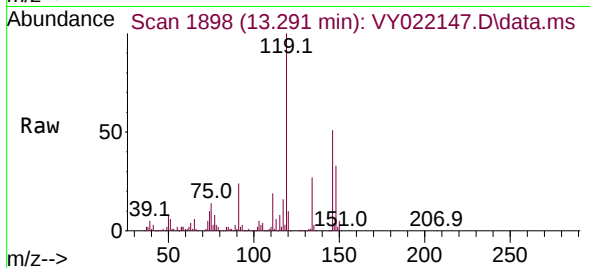
Tgt Ion:146 Resp: 142760

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

148 64.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.507 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

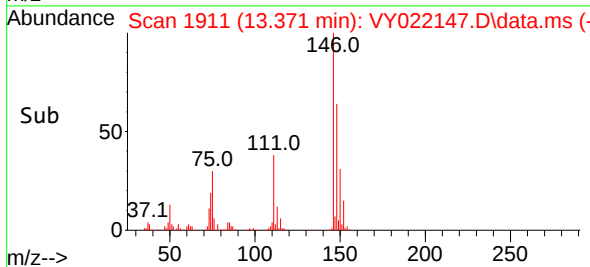
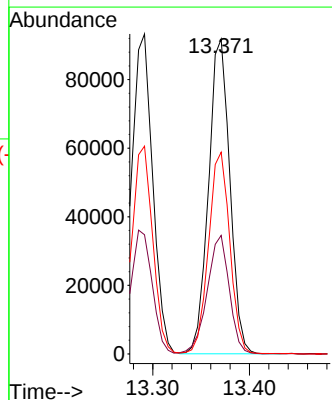
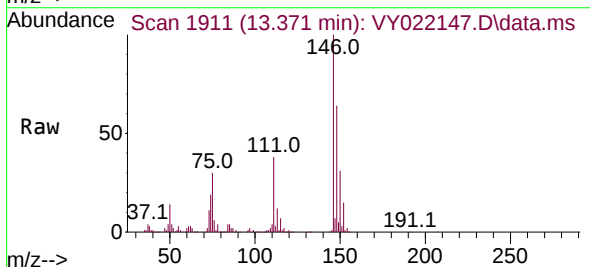
Tgt Ion:146 Resp: 140689

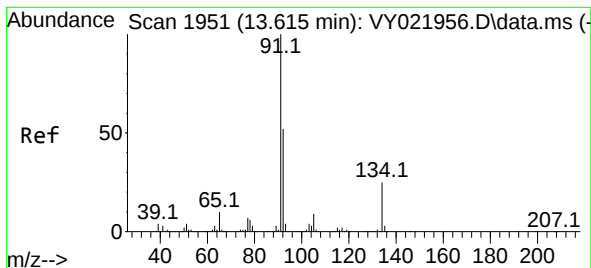
Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 19.510 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

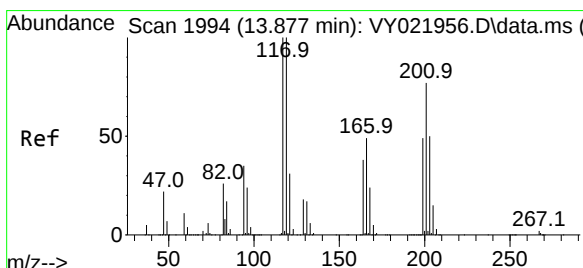
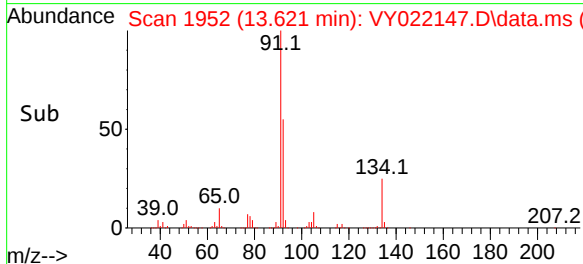
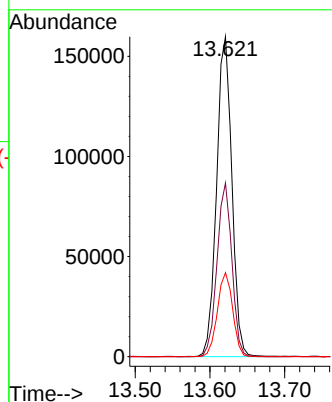
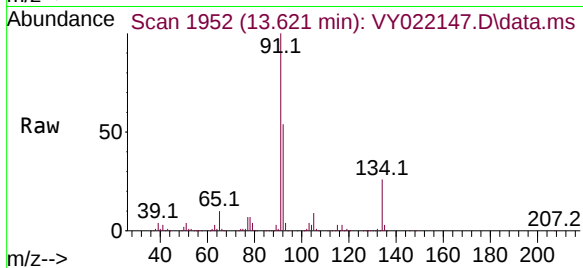
Tgt Ion: 91 Resp: 227203

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 26.3 13.4 40.1



#90

Hexachloroethane

Concen: 19.985 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022147.D

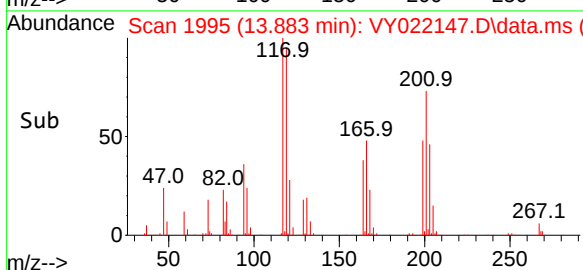
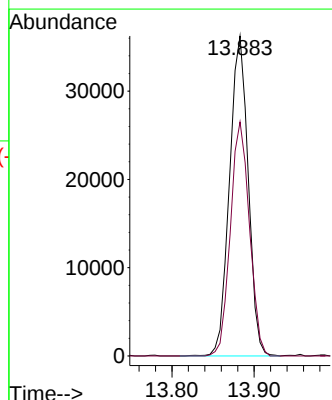
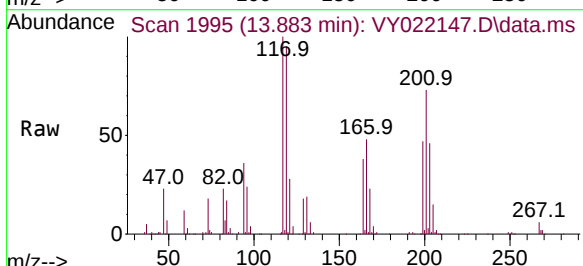
Acq: 05 May 2025 09:55

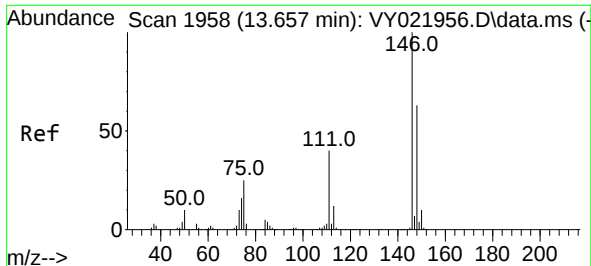
Tgt Ion: 117 Resp: 57209

Ion Ratio Lower Upper

117 100

201 74.6 38.7 116.1

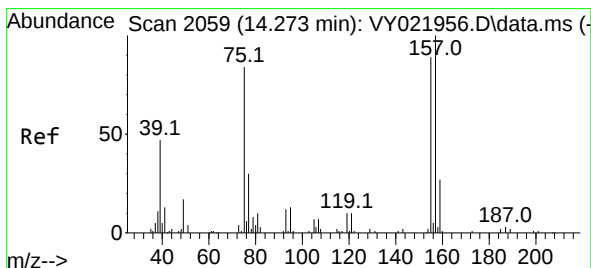
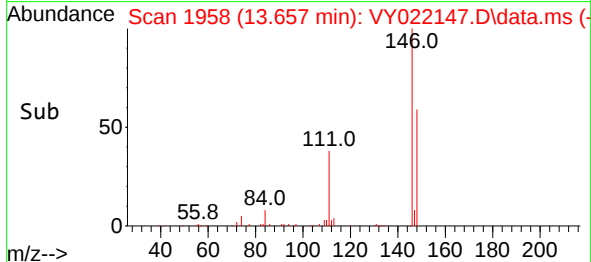
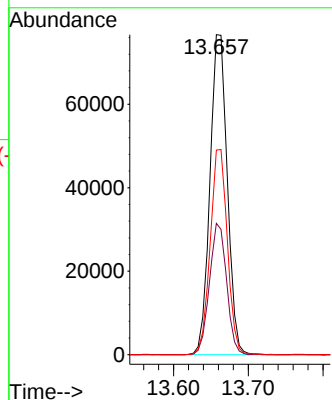
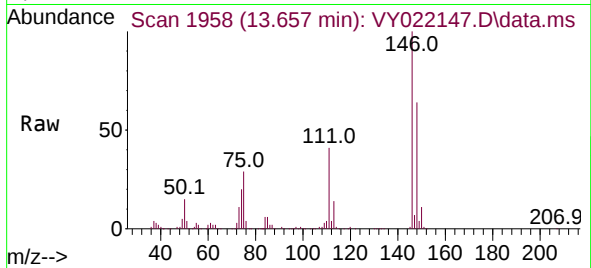




#91
1,2-Dichlorobenzene
Concen: 19.410 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

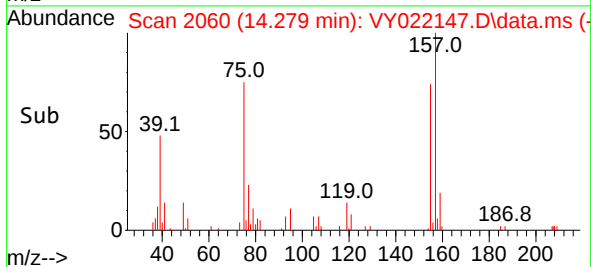
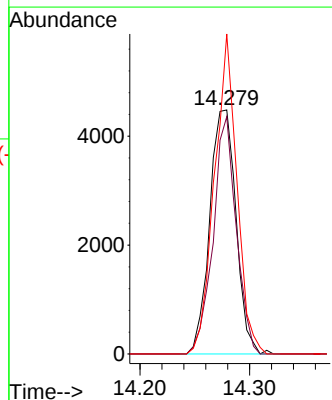
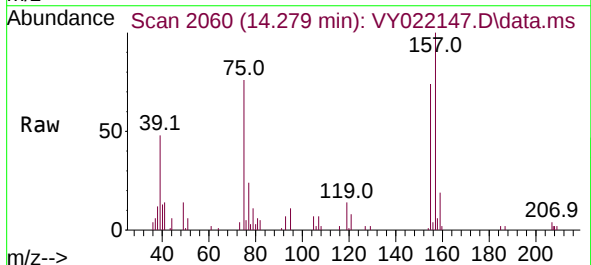
Instrument :
MSVOA_Y
ClientSampleId :
VY0505SBS01

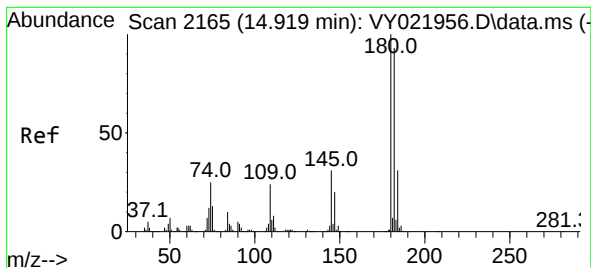
Tgt Ion:146 Resp: 123286
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.1
148 63.5 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.624 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022147.D
Acq: 05 May 2025 09:55

Tgt Ion: 75 Resp: 7469
Ion Ratio Lower Upper
75 100
155 85.3 50.7 152.3
157 112.1 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.371 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

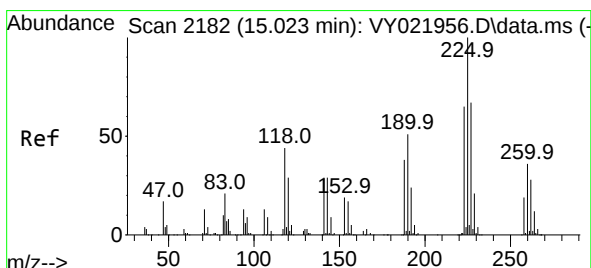
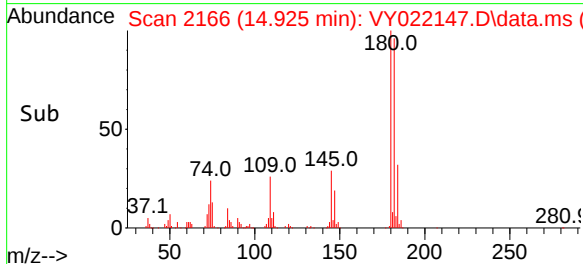
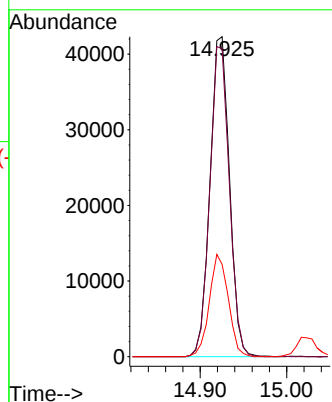
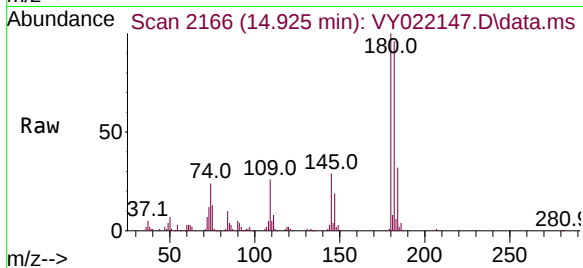
Tgt Ion:180 Resp: 66121

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.4

145 31.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 19.479 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

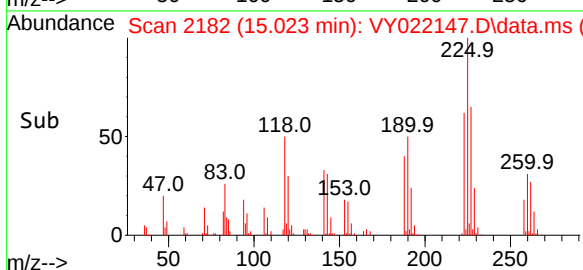
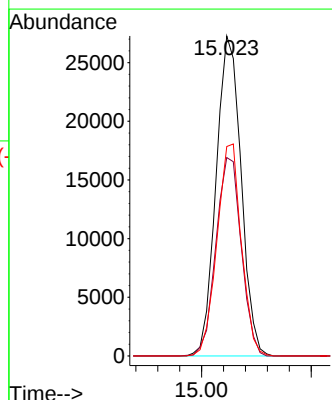
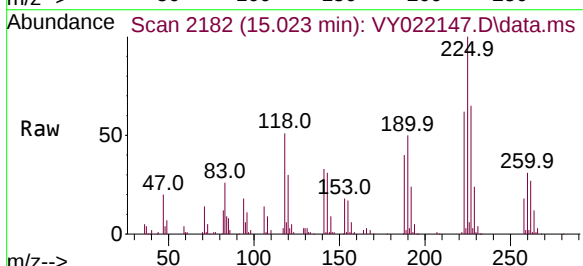
Tgt Ion:225 Resp: 43136

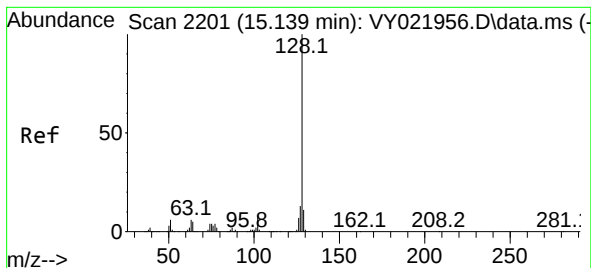
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 17.031 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0505SBS01

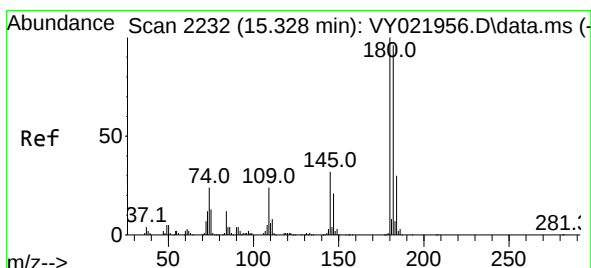
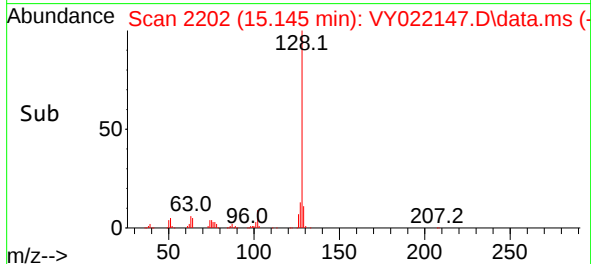
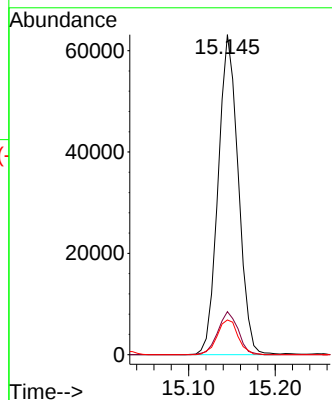
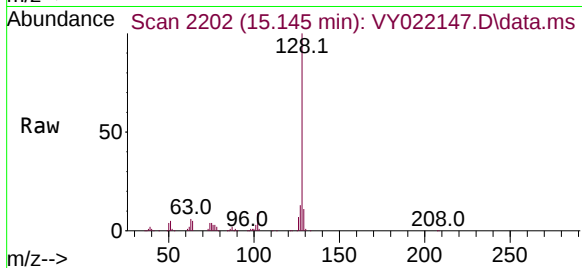
Tgt Ion:128 Resp: 101830

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.385 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022147.D

Acq: 05 May 2025 09:55

Tgt Ion:180 Resp: 57120

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.4

145 32.5 16.0 48.0

