

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021519.D
 Acq On : 13 Mar 2025 12:35
 Operator : SY/MD
 Sample : VY0313SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

Quant Time: Mar 14 14:55:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	190559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	296797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	261921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	117900	58.538	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.080%	
35) Dibromofluoromethane	7.634	113	112323	57.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.160%	
50) Toluene-d8	10.103	98	418231	56.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.408	95	142626	56.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36423	20.829	ug/l	98
3) Chloromethane	2.068	50	56318	22.843	ug/l	97
4) Vinyl Chloride	2.202	62	63219	23.465	ug/l	92
5) Bromomethane	2.586	94	44145	22.671	ug/l	91
6) Chloroethane	2.732	64	44625	25.064	ug/l	95
7) Trichlorofluoromethane	3.056	101	87425	23.248	ug/l	100
8) Diethyl Ether	3.452	74	23058	22.125	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	46929	21.858	ug/l	99
10) Methyl Iodide	4.000	142	47350	21.696	ug/l	99
11) Tert butyl alcohol	4.860	59	16737	115.706	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	42503	21.713	ug/l	98
13) Acrolein	3.653	56	13661	133.350	ug/l	90
14) Allyl chloride	4.378	41	68559	21.673	ug/l	99
15) Acrylonitrile	5.055	53	51995	117.203	ug/l	99
16) Acetone	3.866	43	70052	159.466	ug/l	90
17) Carbon Disulfide	4.104	76	123271	20.095	ug/l	100
18) Methyl Acetate	4.385	43	23067	23.666	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	109622	22.095	ug/l	100
20) Methylene Chloride	4.616	84	51375	22.279	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	46736	21.319	ug/l	94
22) Diisopropyl ether	6.012	45	153673	22.542	ug/l	97
23) Vinyl Acetate	5.957	43	439561	112.978	ug/l	100
24) 1,1-Dichloroethane	5.915	63	90637	22.527	ug/l	99
25) 2-Butanone	6.890	43	84139	138.461	ug/l	99
26) 2,2-Dichloropropane	6.884	77	80902	21.853	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55653	22.347	ug/l	97
28) Bromochloromethane	7.244	49	36016	21.351	ug/l	100
29) Tetrahydrofuran	7.268	42	42392	113.001	ug/l	99
30) Chloroform	7.421	83	95199	22.786	ug/l	97
31) Cyclohexane	7.701	56	75202	19.936	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	84541	22.099	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66073	21.637	ug/l	99
37) Ethyl Acetate	6.982	43	29885	22.142	ug/l	99
38) Carbon Tetrachloride	7.817	117	77010	21.927	ug/l	98
39) Methylcyclohexane	9.109	83	74983	20.018	ug/l	99
40) Benzene	8.079	78	199905	22.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18863	25.667	ug/l	91
42) 1,2-Dichloroethane	8.152	62	56427	22.422	ug/l	100
43) Isopropyl Acetate	8.195	43	57956	22.119	ug/l #	88
44) Trichloroethene	8.865	130	49691	21.859	ug/l	98
45) 1,2-Dichloropropane	9.140	63	48060	22.448	ug/l	96
46) Dibromomethane	9.231	93	27046	22.704	ug/l	100
47) Bromodichloromethane	9.426	83	72100	22.790	ug/l	99
48) Methyl methacrylate	9.219	41	25741	21.395	ug/l	95
49) 1,4-Dioxane	9.225	88	5610	479.790	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	156868	116.034	ug/l	98
52) Toluene	10.170	92	125931	22.205	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	61853	22.192	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	73940	22.344	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	34897	22.394	ug/l	97
56) Ethyl methacrylate	10.438	69	43123	21.699	ug/l	100
57) 1,3-Dichloropropane	10.719	76	61083	22.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	95805	104.429	ug/l	100
59) 2-Hexanone	10.761	43	117526	131.473	ug/l	99
60) Dibromochloromethane	10.914	129	48455	22.682	ug/l	99
61) 1,2-Dibromoethane	11.011	107	32780	22.289	ug/l	98
64) Tetrachloroethene	10.646	164	55268	25.949	ug/l	98
65) Chlorobenzene	11.444	112	135112	21.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	49521	22.646	ug/l	100
67) Ethyl Benzene	11.517	91	231563	21.330	ug/l	99
68) m/p-Xylenes	11.627	106	179430	43.535	ug/l	99
69) o-Xylene	11.956	106	80992	21.322	ug/l	97
70) Styrene	11.969	104	139214	22.092	ug/l	99
71) Bromoform	12.133	173	27403	22.417	ug/l #	96
73) Isopropylbenzene	12.255	105	222480	20.657	ug/l	99
74) N-amyl acetate	12.072	43	50548	21.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	40133	21.116	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	53163	38.587	ug/l #	100
77) Bromobenzene	12.529	156	53044	21.052	ug/l	99
78) n-propylbenzene	12.597	91	275313	21.048	ug/l	100
79) 2-Chlorotoluene	12.682	91	156999	20.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	183562	20.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12537	20.686	ug/l	97
82) 4-Chlorotoluene	12.779	91	163390	21.097	ug/l	99
83) tert-Butylbenzene	12.999	119	161590	20.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	184821	21.268	ug/l	98
85) sec-Butylbenzene	13.176	105	244106	21.012	ug/l	99
86) p-Isopropyltoluene	13.291	119	198668	20.758	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	106797	21.293	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	104488	21.302	ug/l	99
89) n-Butylbenzene	13.621	91	185284	20.965	ug/l	100
90) Hexachloroethane	13.877	117	43334	21.224	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	94479	21.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6010	21.110	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	50644	21.569	ug/l	99
94) Hexachlorobutadiene	15.023	225	32494	22.077	ug/l	98
95) Naphthalene	15.145	128	78914	21.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41545	21.038	ug/l	95

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Instrument :
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ClientSampleId :
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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

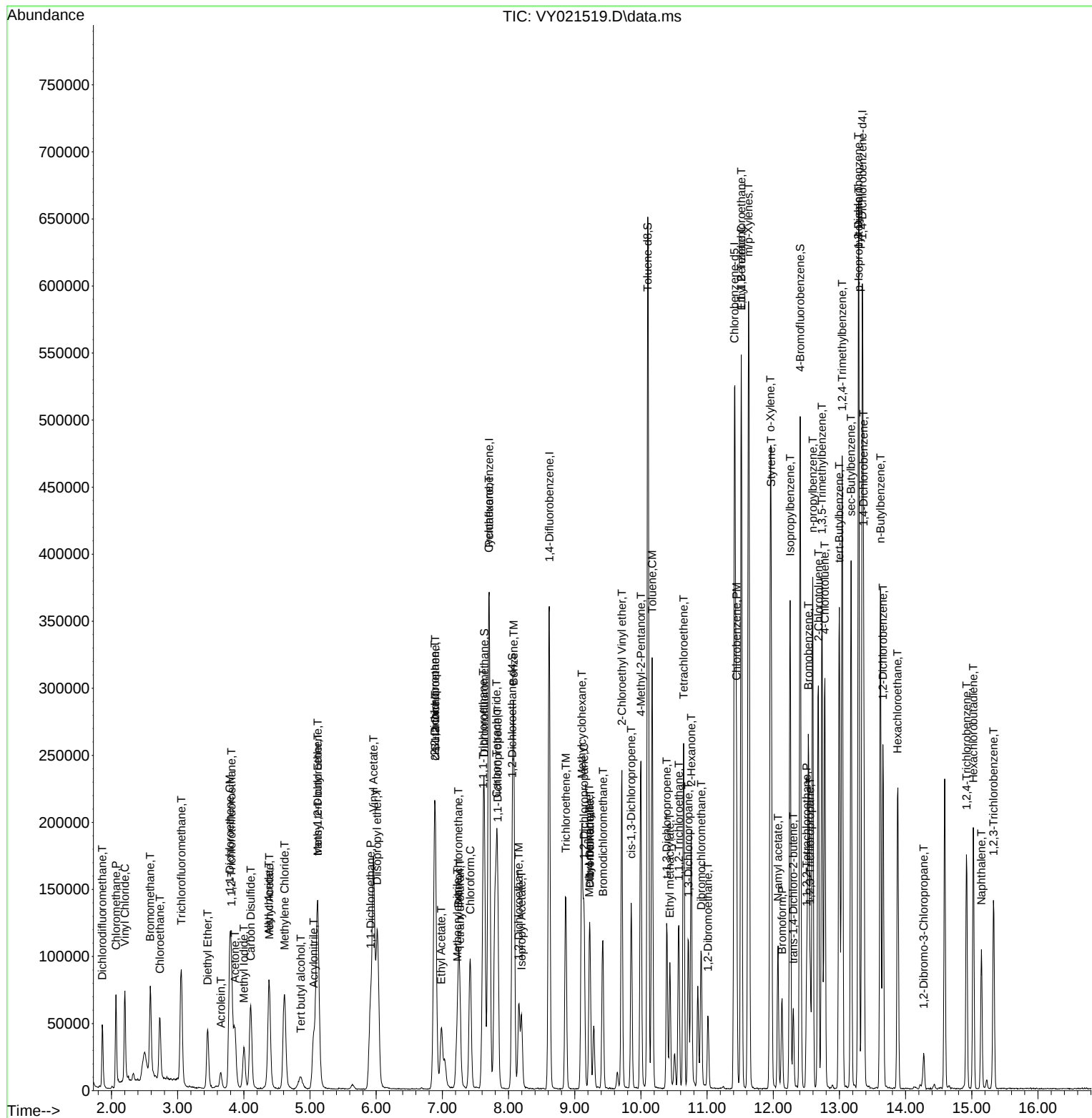
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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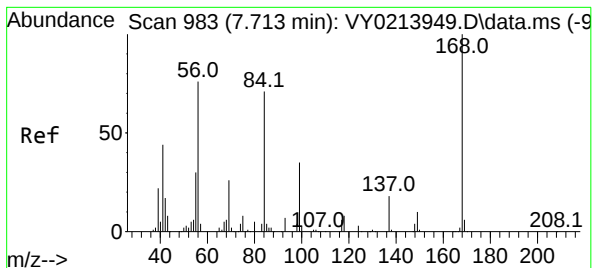
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 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Mar 14 14:55:45 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

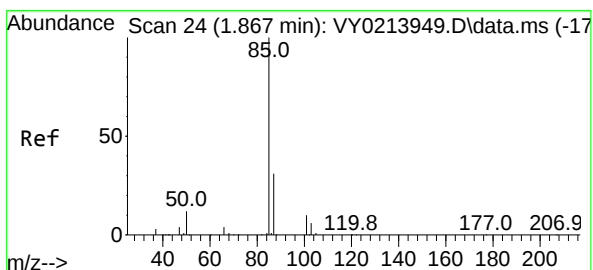
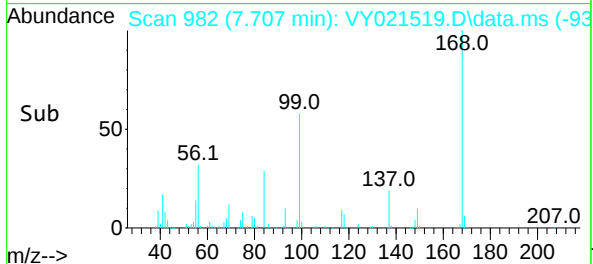
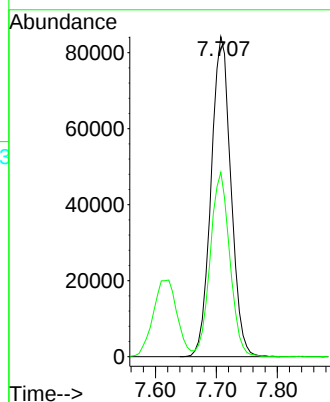
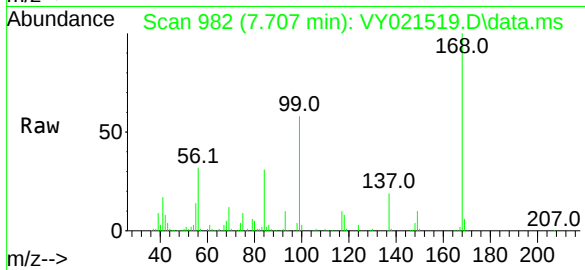
VY0313SBS01

Tgt Ion:168 Resp: 190559

Ion Ratio Lower Upper

168 100

99 57.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 20.829 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021519.D

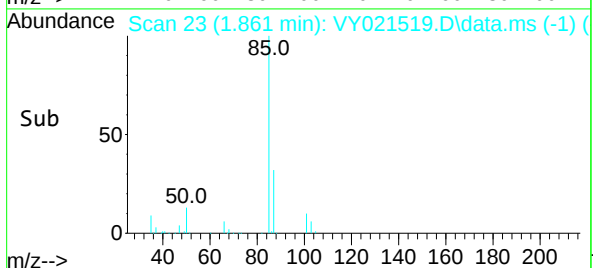
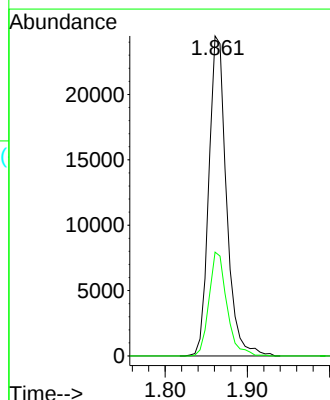
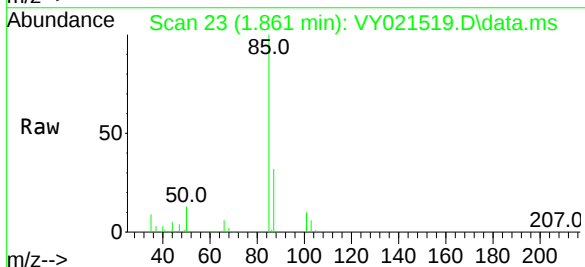
Acq: 13 Mar 2025 12:35

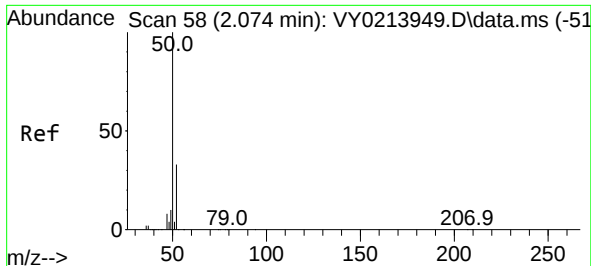
Tgt Ion: 85 Resp: 36423

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.0

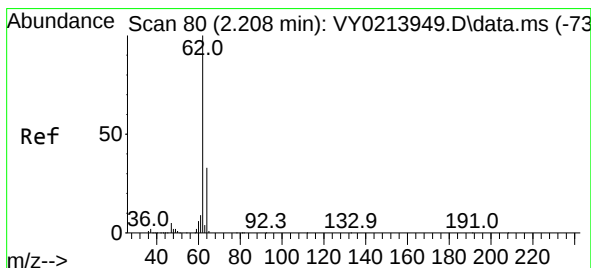
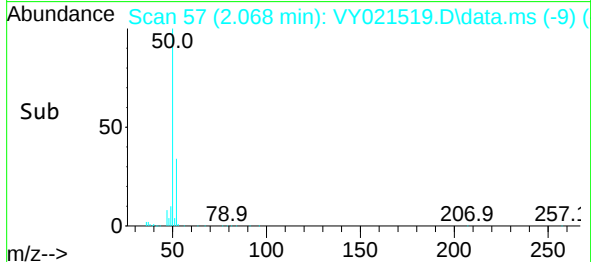
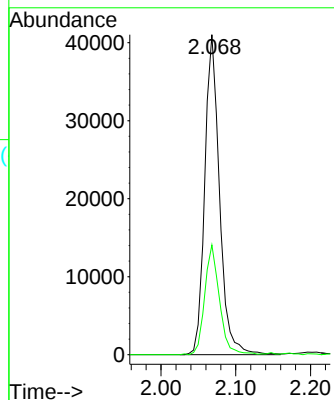
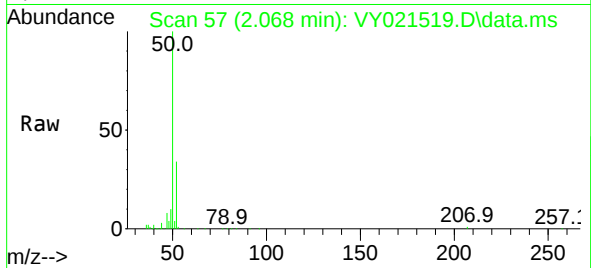




#3
Chloromethane
Concen: 22.843 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

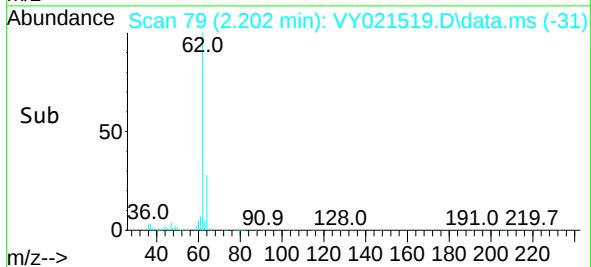
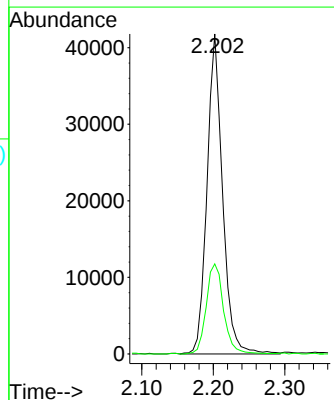
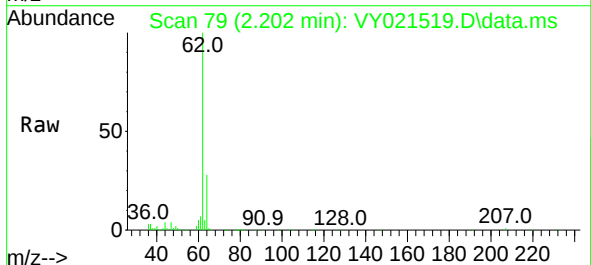
Instrument :
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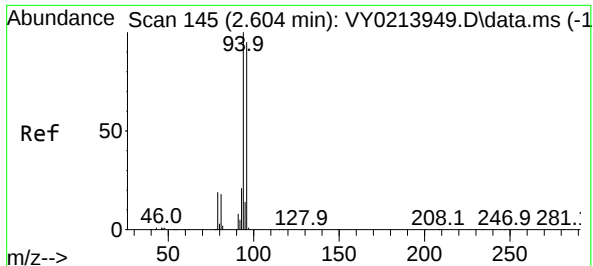
Tgt Ion: 50 Resp: 56318
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2



#4
Vinyl Chloride
Concen: 23.465 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 62 Resp: 63219
Ion Ratio Lower Upper
62 100
64 28.1 26.2 39.2

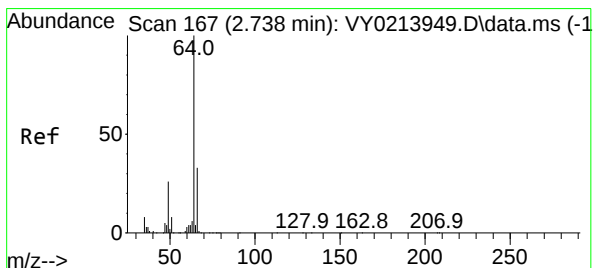
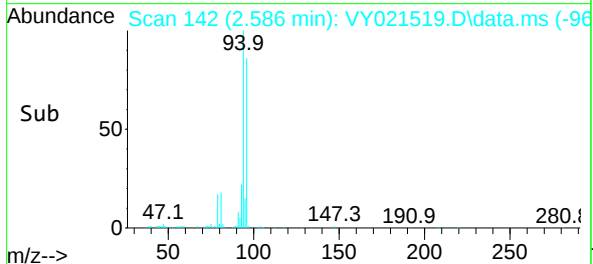
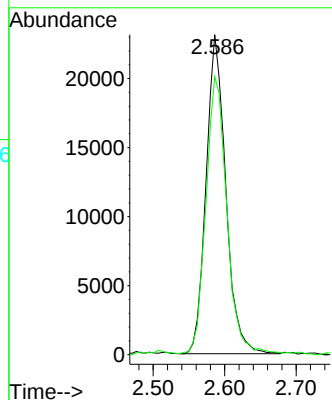
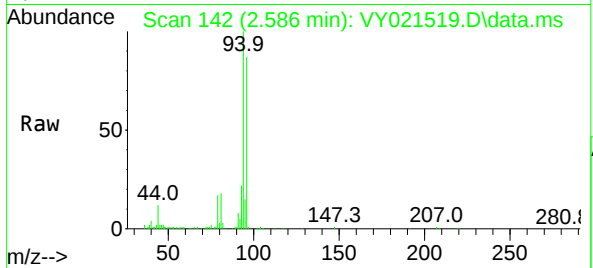




#5
Bromomethane
Concen: 22.671 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

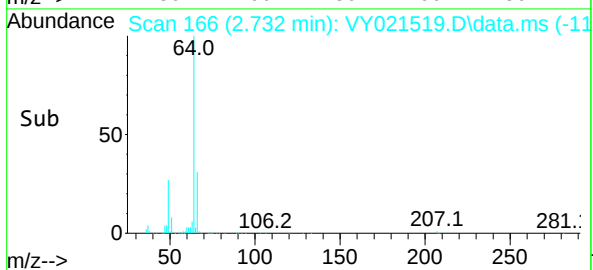
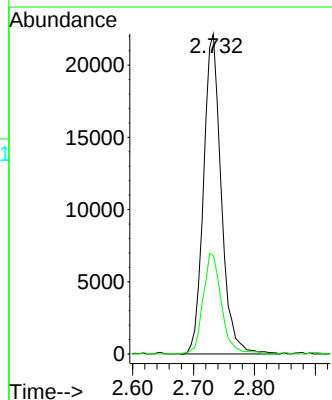
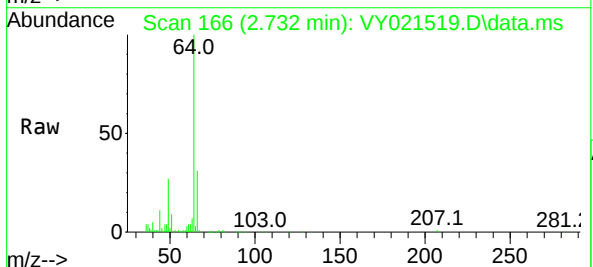
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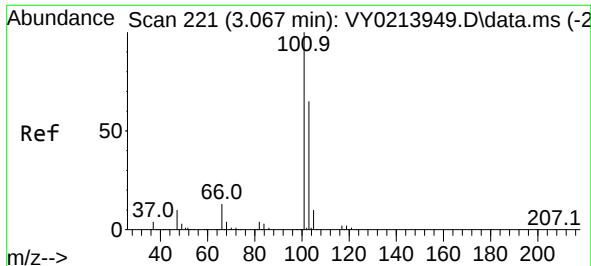
Tgt Ion: 94 Resp: 44145
Ion Ratio Lower Upper
94 100
96 86.7 76.3 114.5



#6
Chloroethane
Concen: 25.064 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 64 Resp: 44625
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1

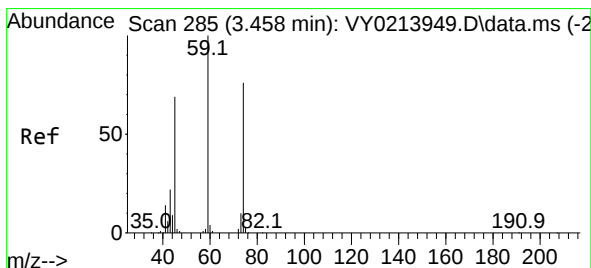
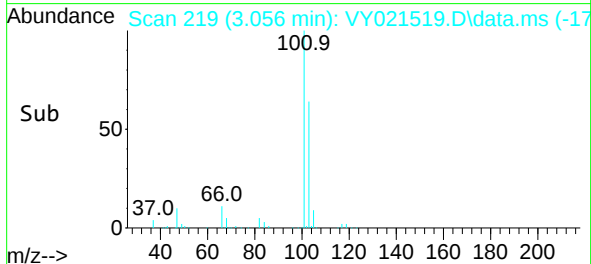
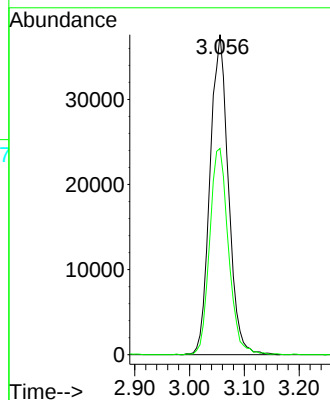
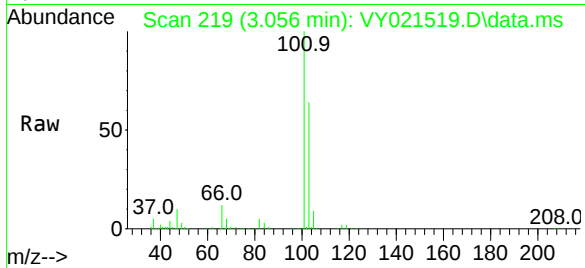




#7
 Trichlorofluoromethane
 Concen: 23.248 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

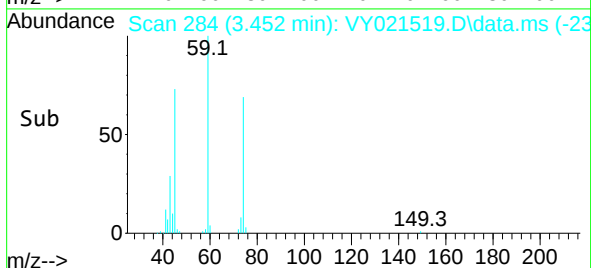
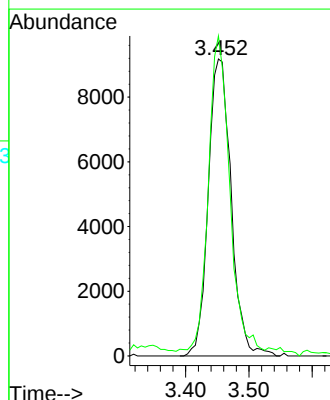
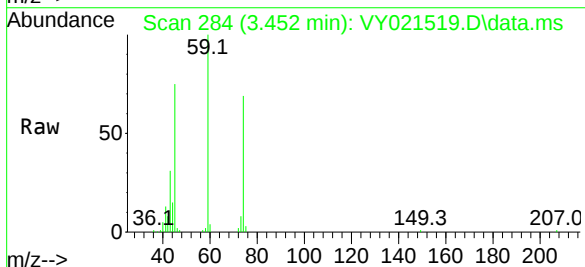
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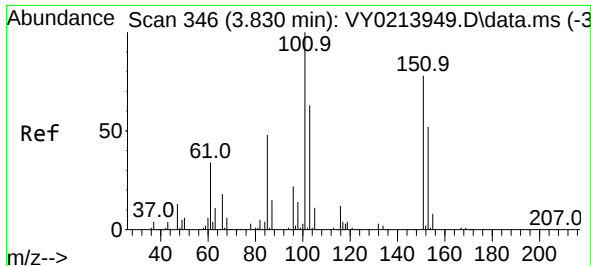
Tgt Ion:101 Resp: 87425
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 22.125 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 74 Resp: 23058
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.7 149.1

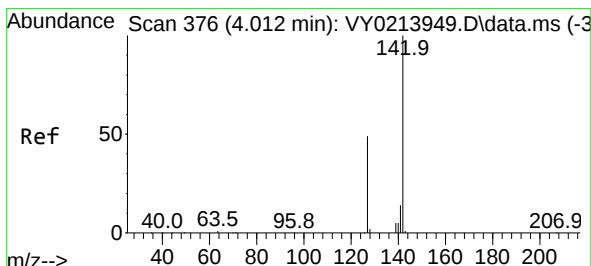
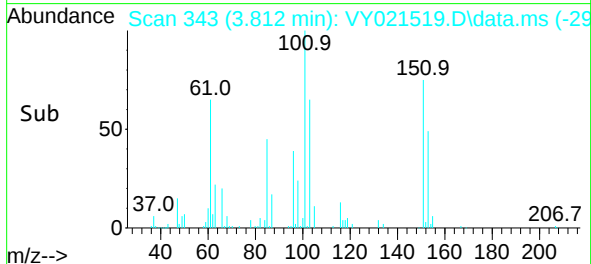
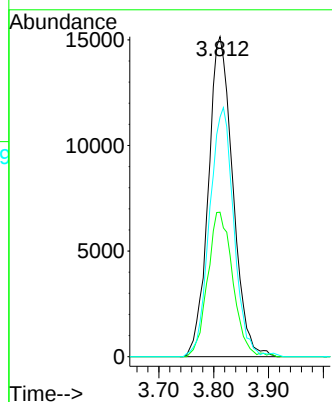
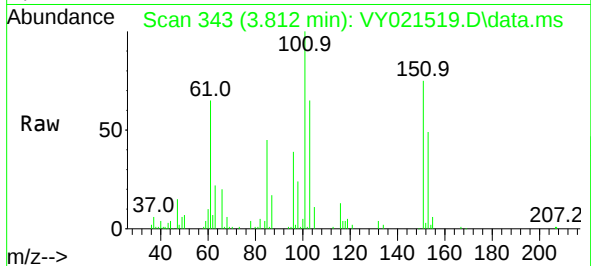




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.858 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

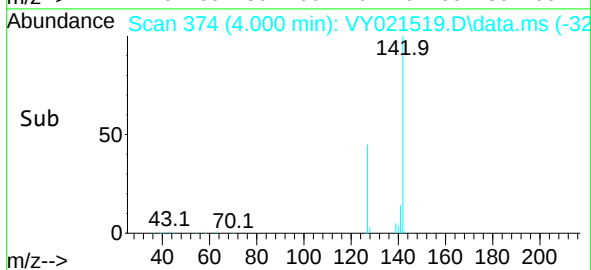
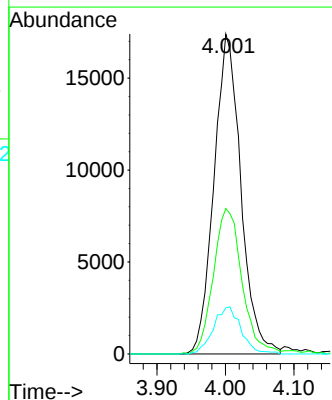
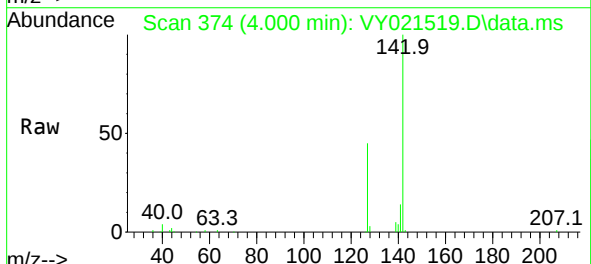
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

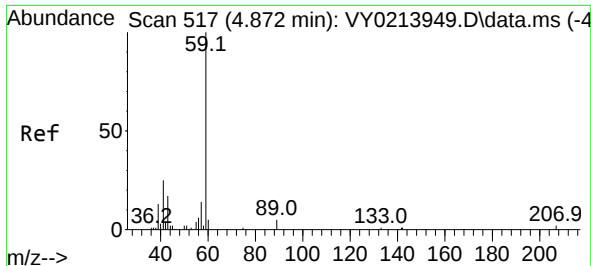
Tgt Ion:101 Resp: 46929
Ion Ratio Lower Upper
101 100
85 46.3 37.1 55.7
151 76.7 62.1 93.1



#10
Methyl Iodide
Concen: 21.696 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:142 Resp: 47350
Ion Ratio Lower Upper
142 100
127 48.4 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 115.706 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021519.D

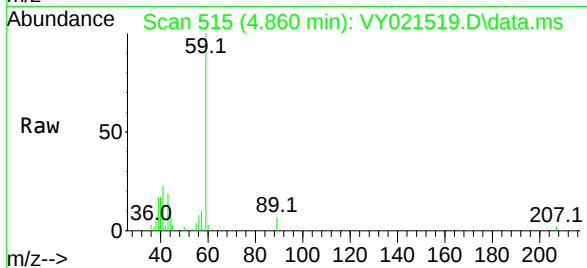
Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

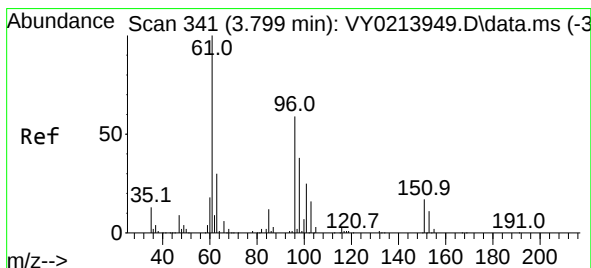
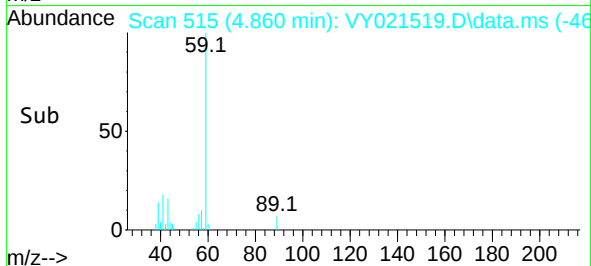
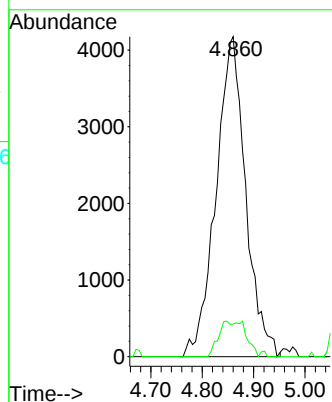


Tgt Ion: 59 Resp: 16737

Ion Ratio Lower Upper

59 100

57 5.6 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 21.713 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

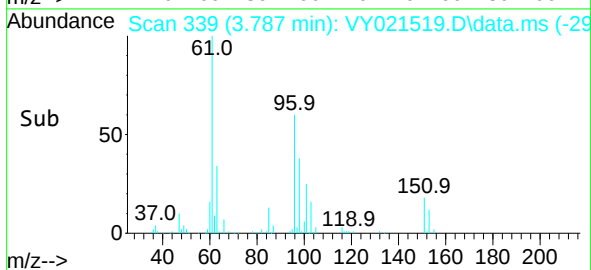
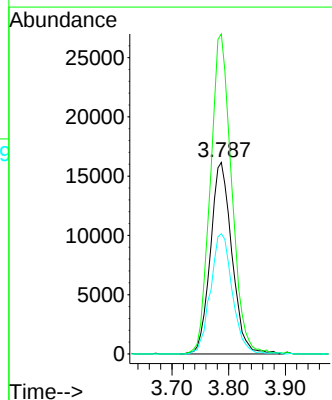
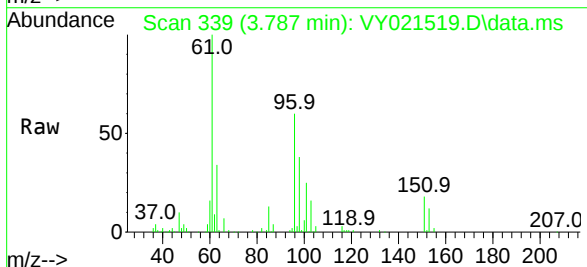
Tgt Ion: 96 Resp: 42503

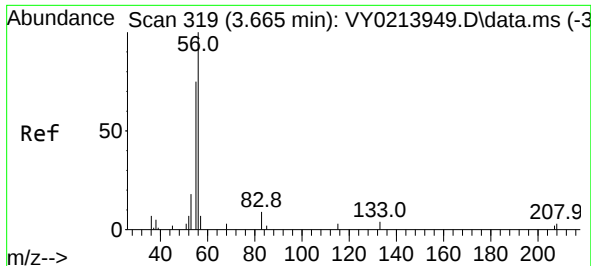
Ion Ratio Lower Upper

96 100

61 167.0 135.2 202.8

98 62.7 51.4 77.2

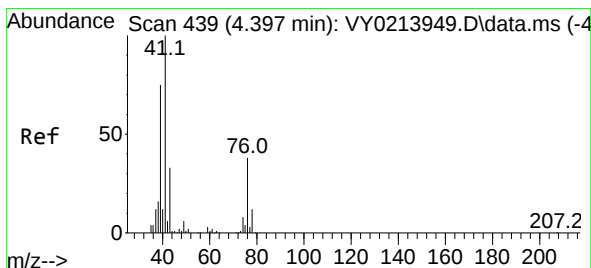
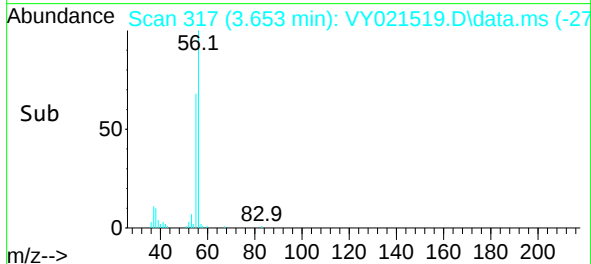
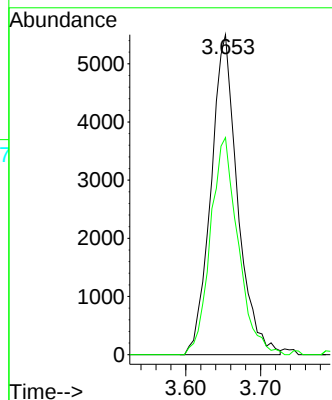
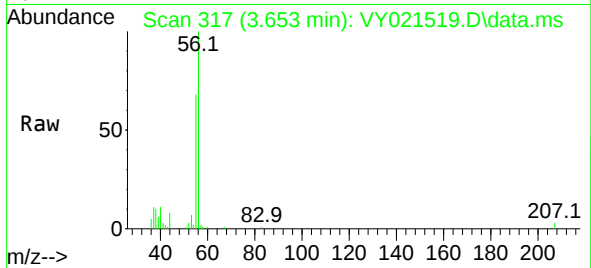




#13
Acrolein
Concen: 133.350 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

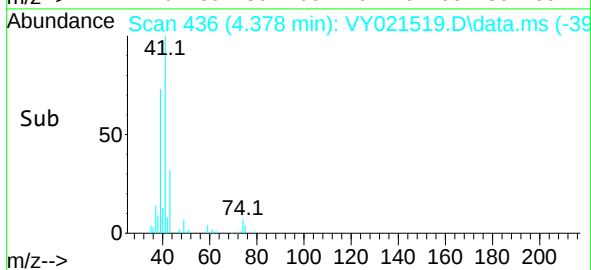
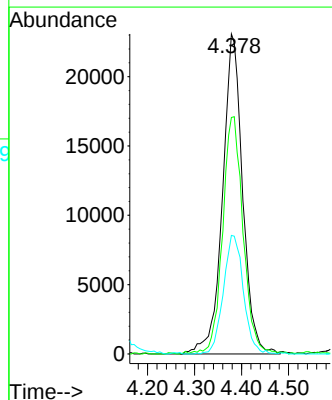
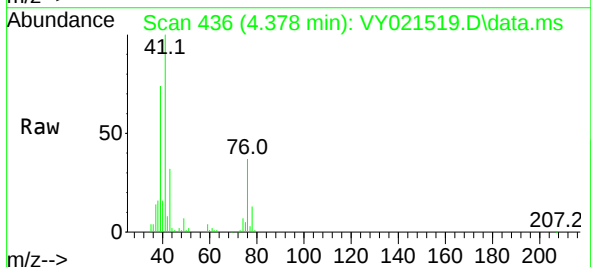
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

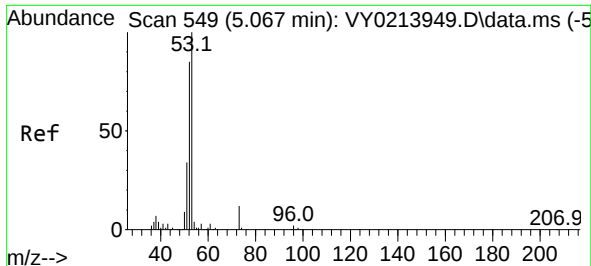
Tgt Ion: 56 Resp: 13661
Ion Ratio Lower Upper
56 100
55 70.4 63.4 95.2



#14
Allyl chloride
Concen: 21.673 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 41 Resp: 68559
Ion Ratio Lower Upper
41 100
39 75.7 59.3 88.9
76 37.0 29.8 44.8

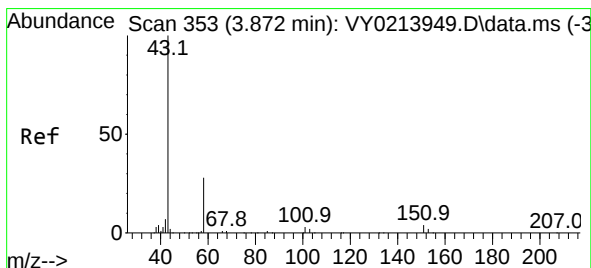
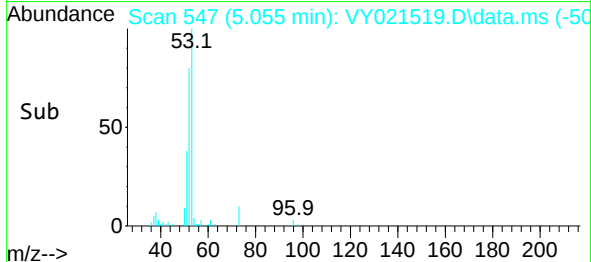
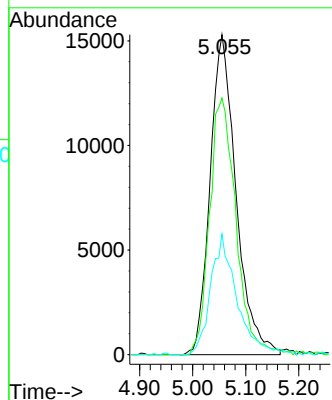
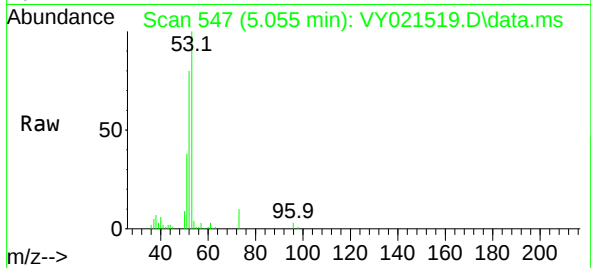




#15
Acrylonitrile
Concen: 117.203 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

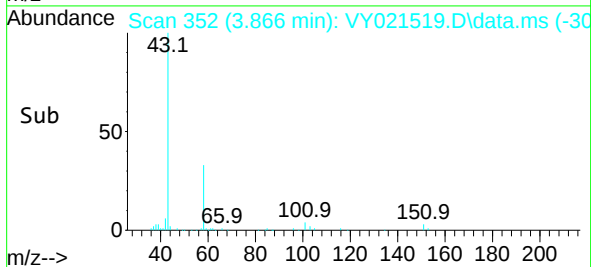
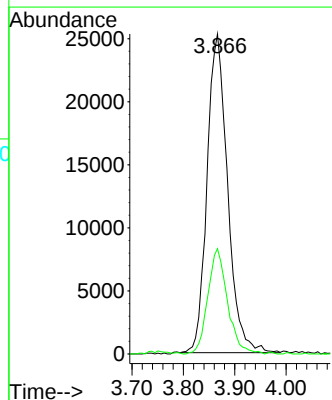
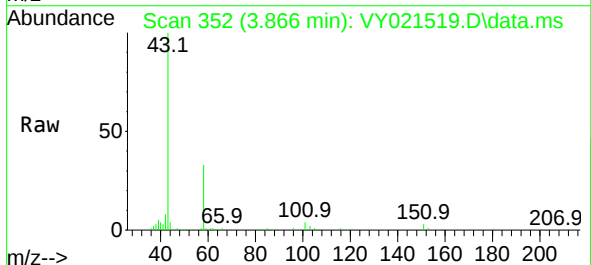
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

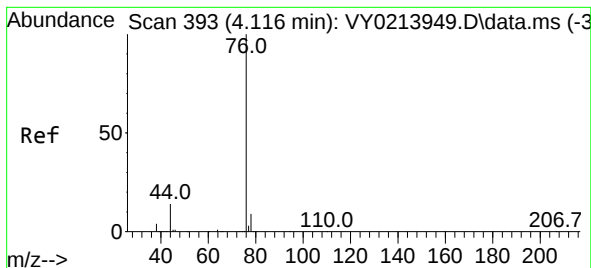
Tgt Ion: 53 Resp: 51995
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 38.1 30.3 45.5



#16
Acetone
Concen: 159.466 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 43 Resp: 70052
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1





#17

Carbon Disulfide

Concen: 20.095 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021519.D

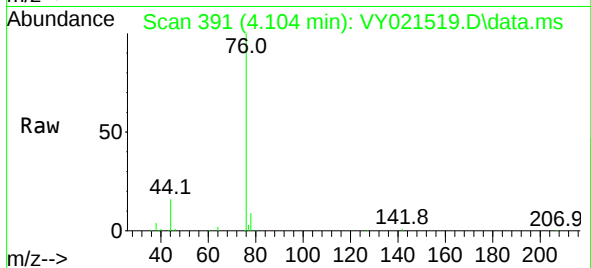
Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

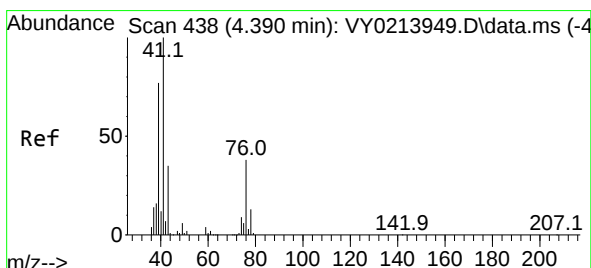
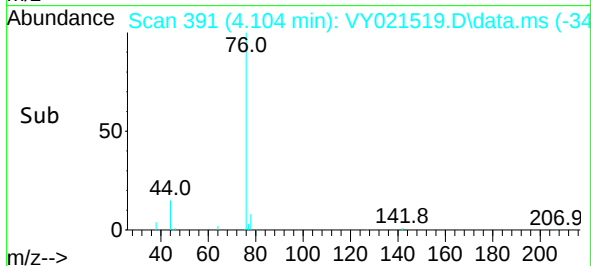
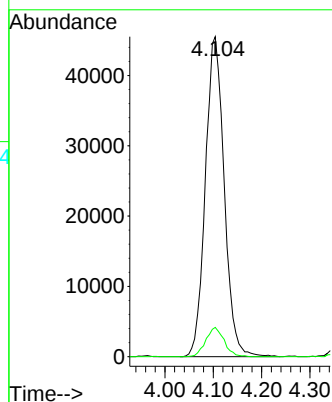


Tgt Ion: 76 Resp: 123271

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 23.666 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021519.D

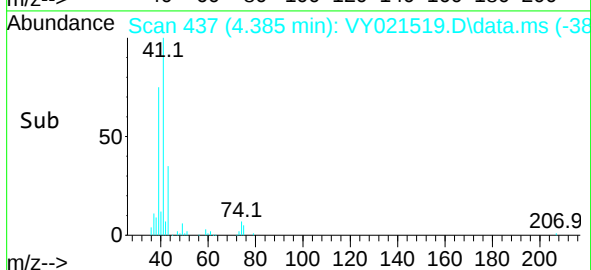
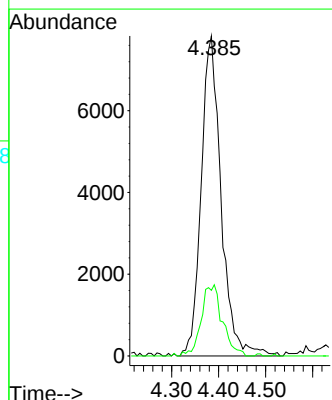
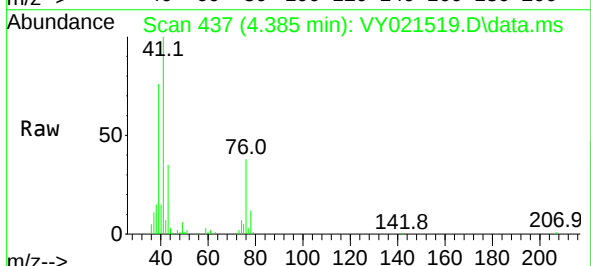
Acq: 13 Mar 2025 12:35

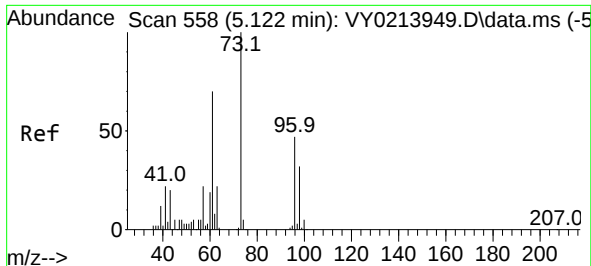
Tgt Ion: 43 Resp: 23067

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.0

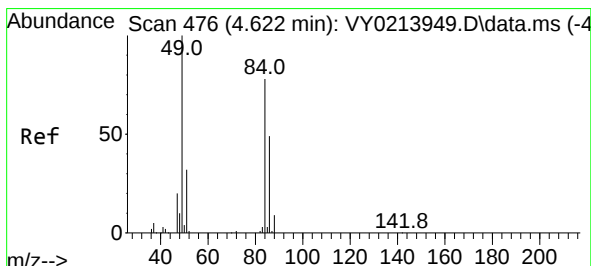
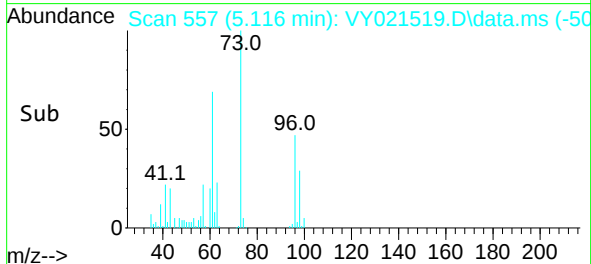
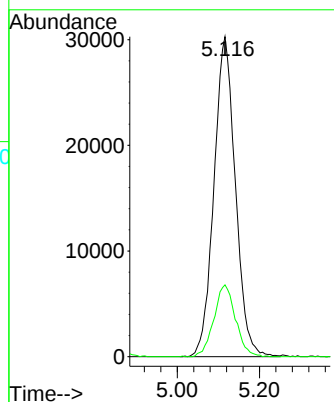
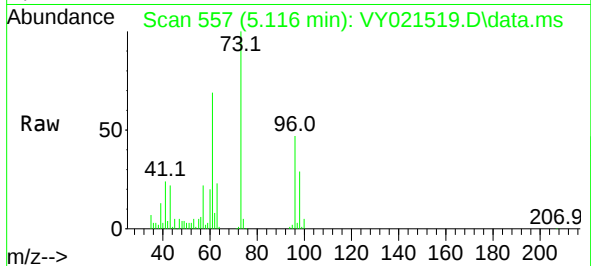




#19
Methyl tert-butyl Ether
Concen: 22.095 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

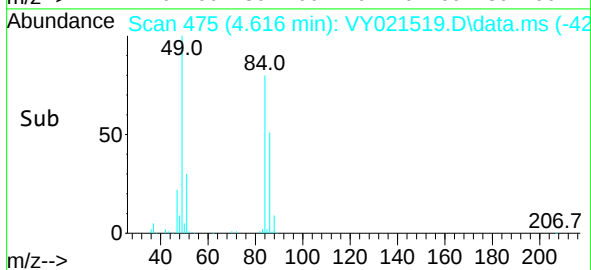
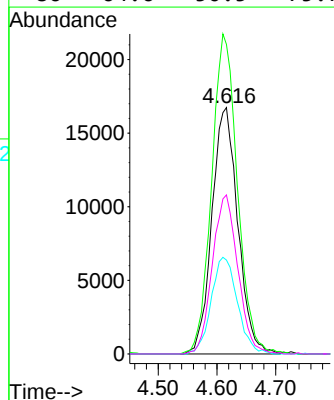
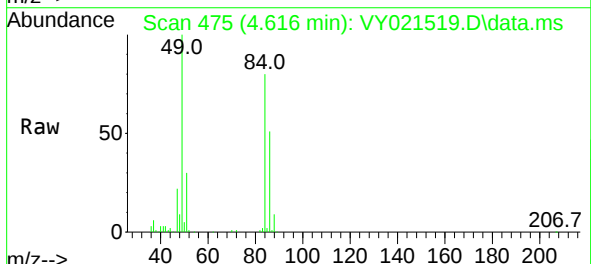
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

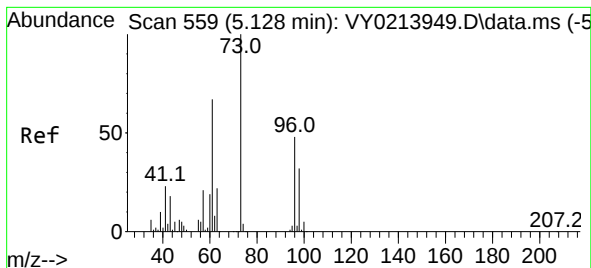
Tgt Ion: 73 Resp: 109622
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 22.279 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 84 Resp: 51375
Ion Ratio Lower Upper
84 100
49 125.7 102.0 153.0
51 38.1 33.0 49.6
86 64.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 21.319 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

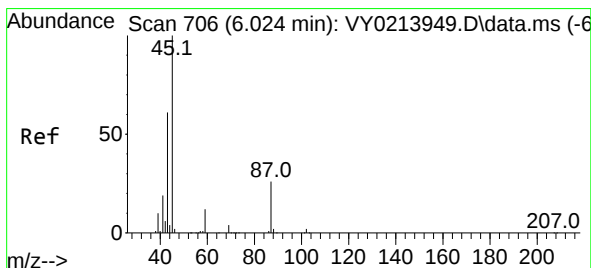
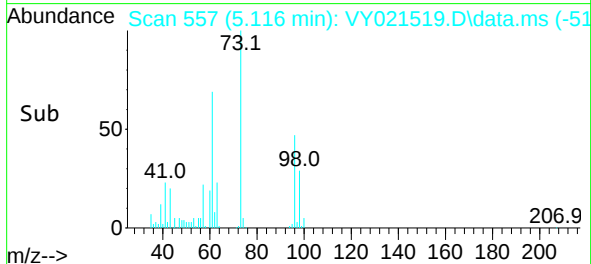
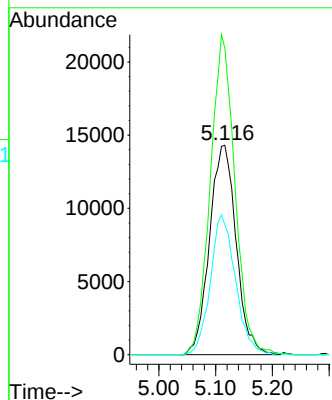
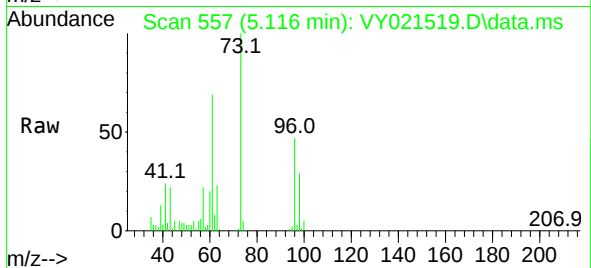
Tgt Ion: 96 Resp: 46736

Ion Ratio Lower Upper

96 100

61 146.3 111.5 167.3

98 62.0 53.8 80.8



#22

Diisopropyl ether

Concen: 22.542 ug/l

RT: 6.012 min Scan# 704

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Tgt Ion: 45 Resp: 153673

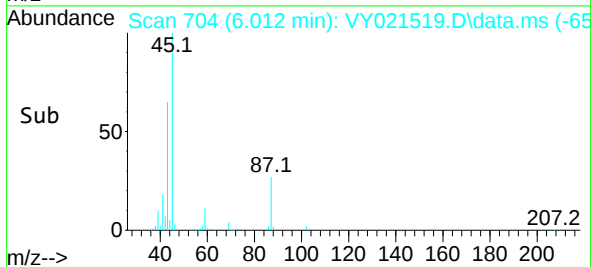
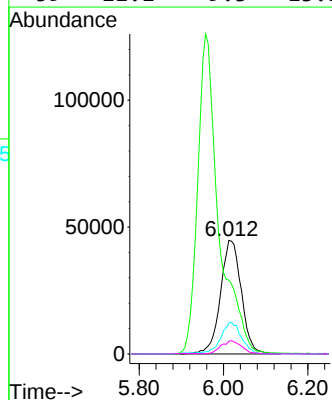
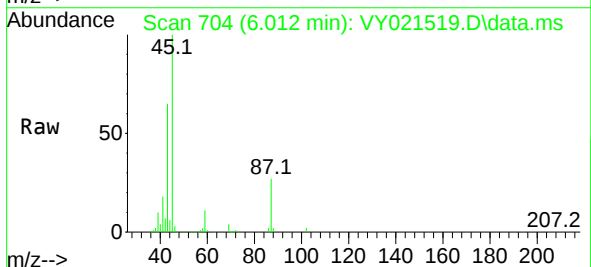
Ion Ratio Lower Upper

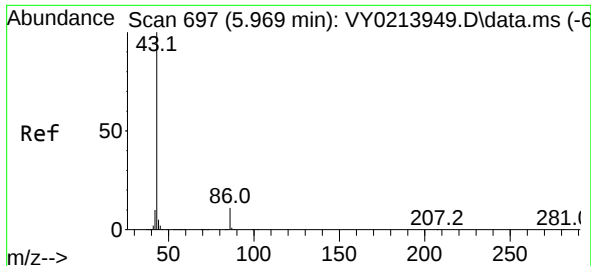
45 100

43 64.4 48.7 73.1

87 26.9 21.5 32.3

59 11.1 9.3 13.9

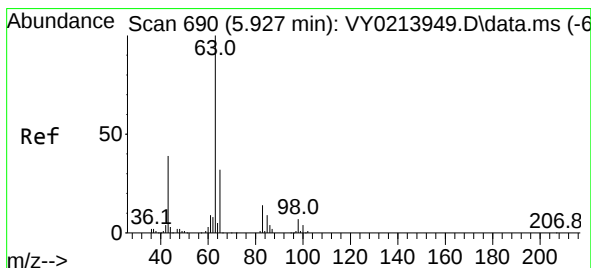
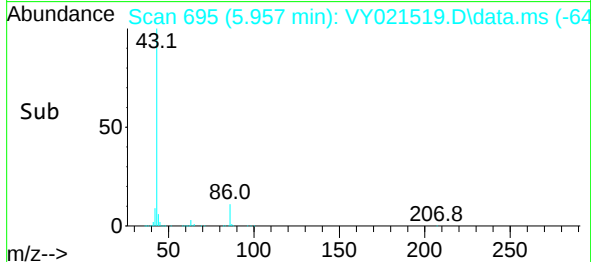
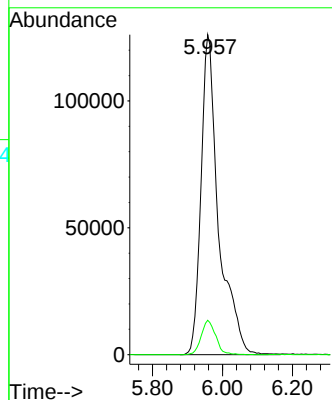
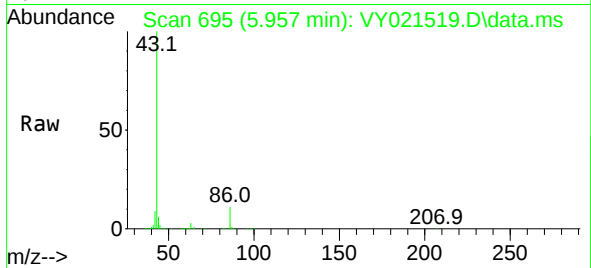




#23
 Vinyl Acetate
 Concen: 112.978 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

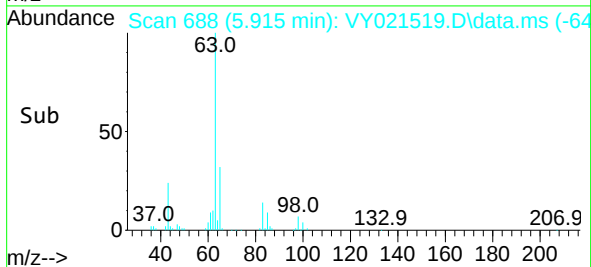
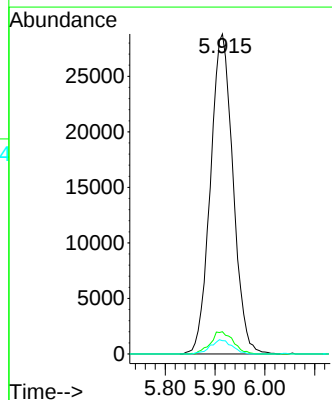
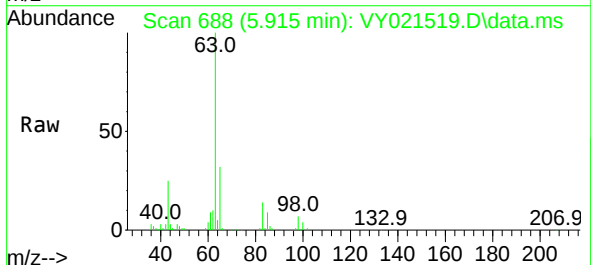
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

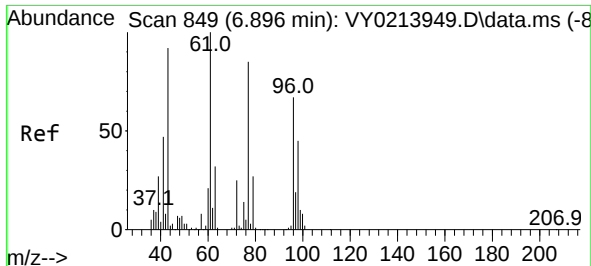
Tgt Ion: 43 Resp: 439561
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.527 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 63 Resp: 90637
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.1 2.1 6.5

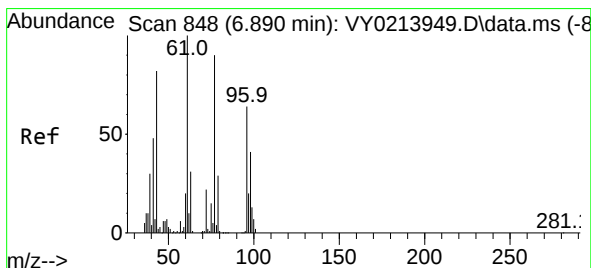
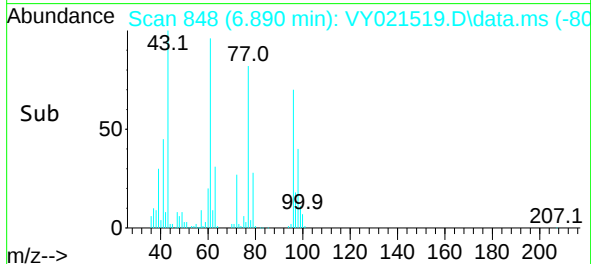
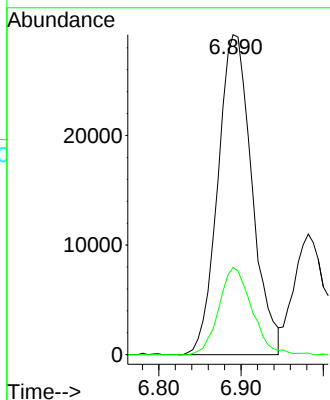
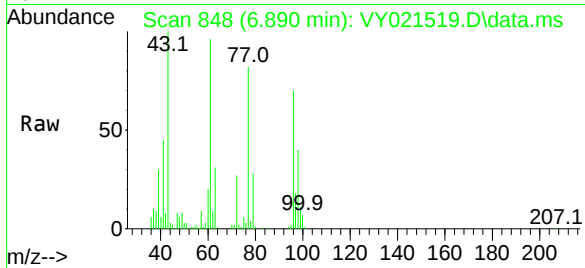




#25
2-Butanone
Concen: 138.461 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

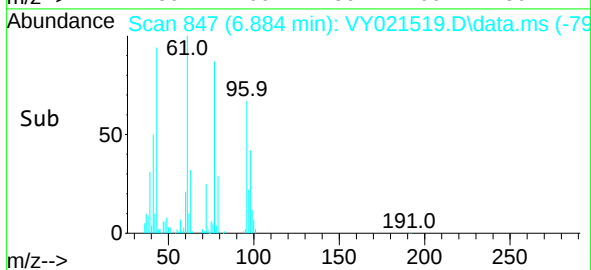
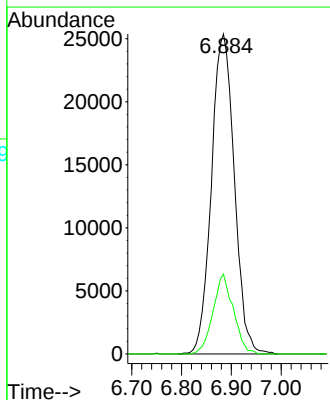
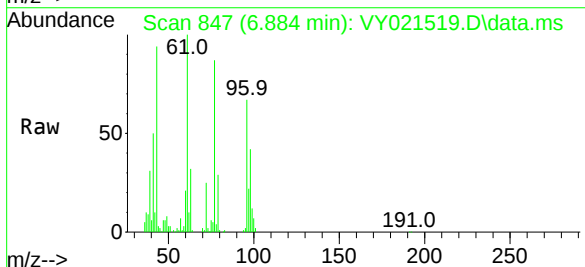
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

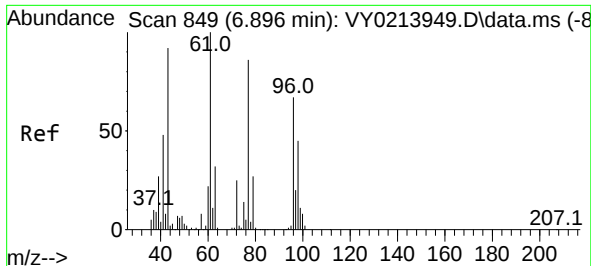
Tgt Ion: 43 Resp: 84139
Ion Ratio Lower Upper
43 100
72 27.3 21.4 32.0



#26
2,2-Dichloropropane
Concen: 21.853 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 77 Resp: 80902
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8

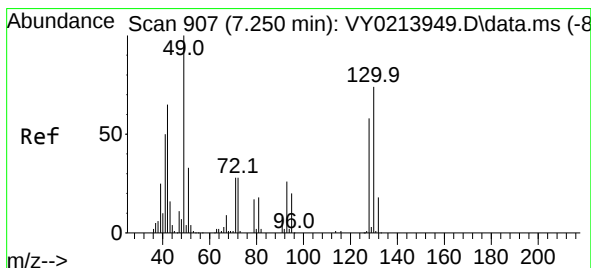
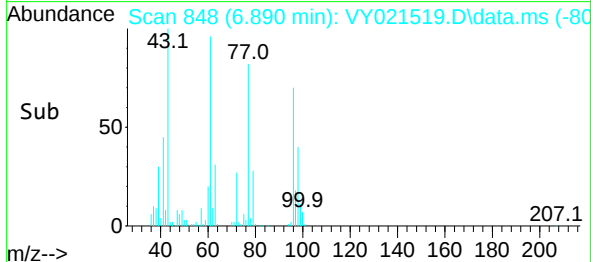
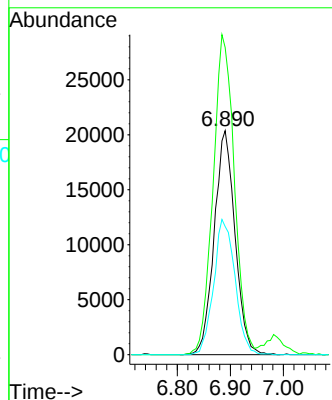
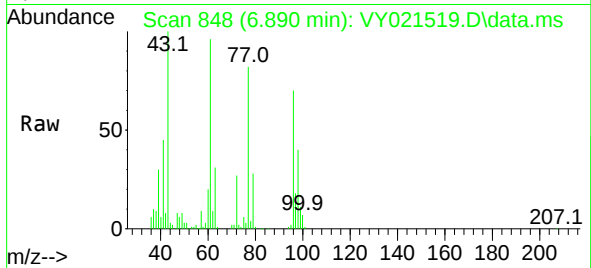




#27
cis-1,2-Dichloroethene
Concen: 22.347 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

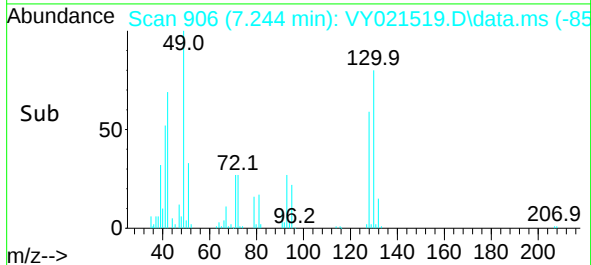
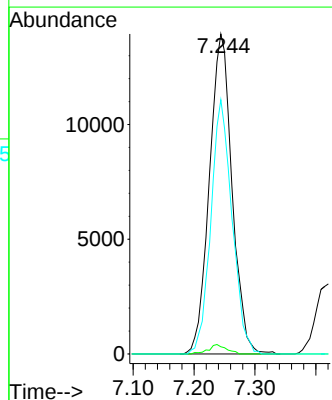
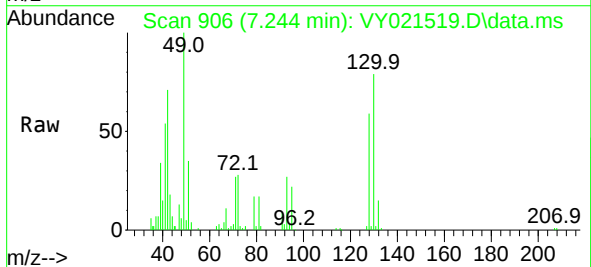
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

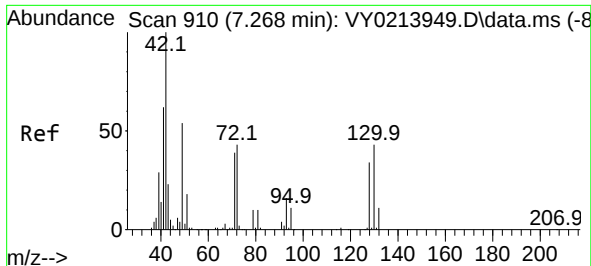
Tgt Ion: 96 Resp: 55653
Ion Ratio Lower Upper
96 100
61 146.2 0.0 300.8
98 61.9 0.0 130.0



#28
Bromochloromethane
Concen: 21.351 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 49 Resp: 36016
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 74.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 113.001 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

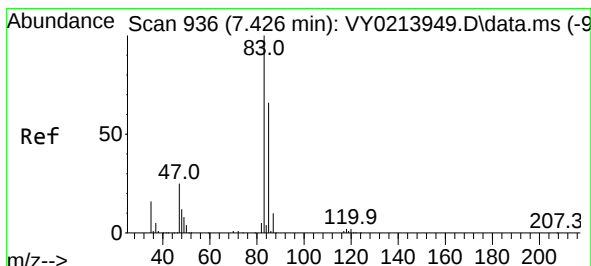
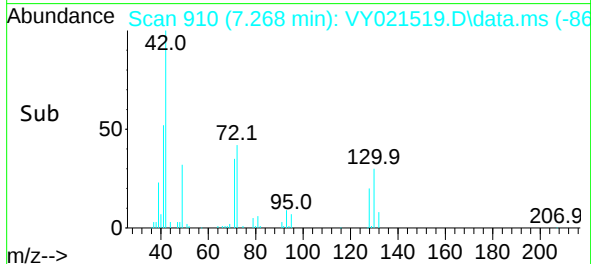
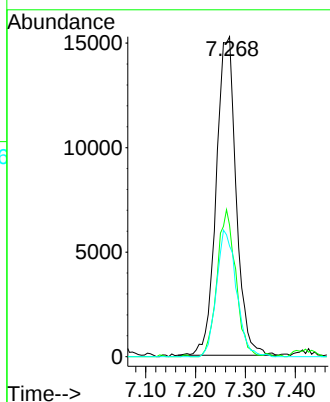
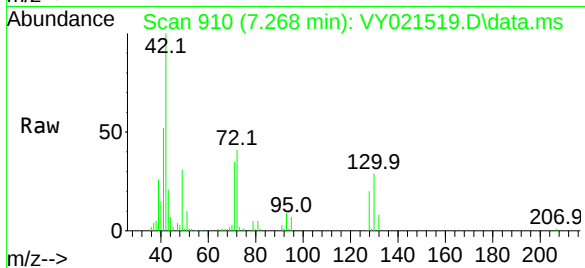
Tgt Ion: 42 Resp: 42392

Ion Ratio Lower Upper

42 100

72 43.0 34.8 52.2

71 39.7 32.6 48.8



#30

Chloroform

Concen: 22.786 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021519.D

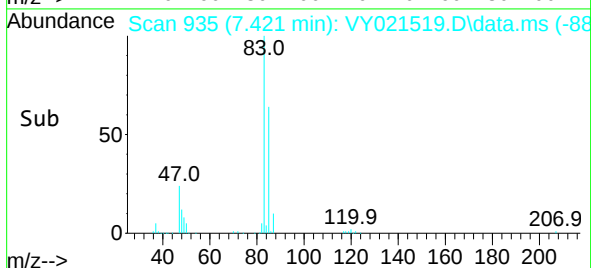
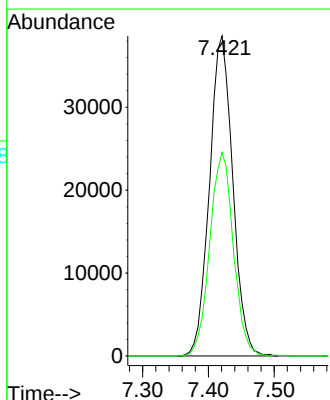
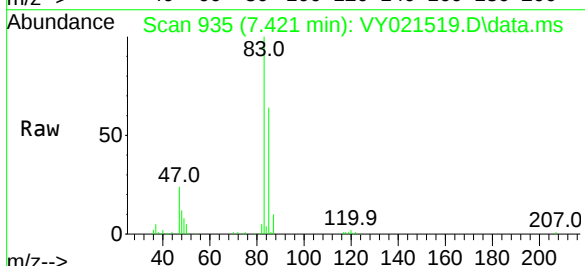
Acq: 13 Mar 2025 12:35

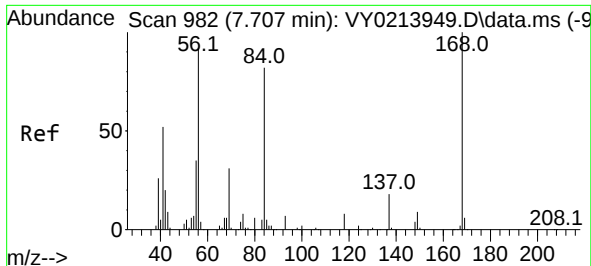
Tgt Ion: 83 Resp: 95199

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7

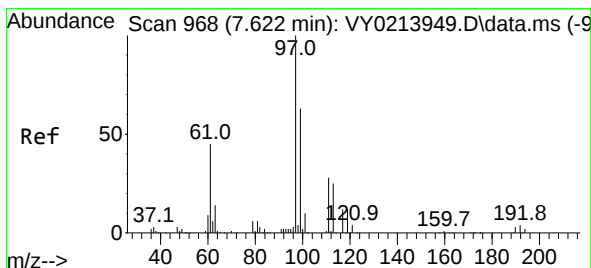
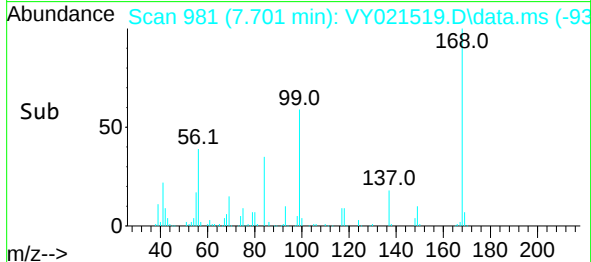
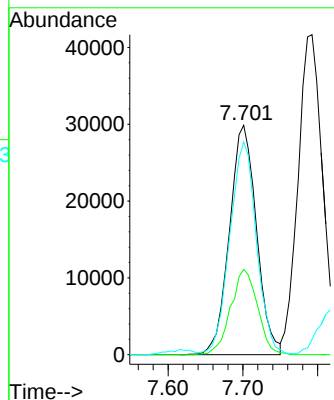
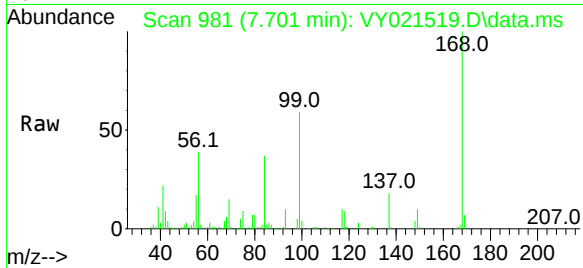




#31
Cyclohexane
Concen: 19.936 ug/l
RT: 7.701 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

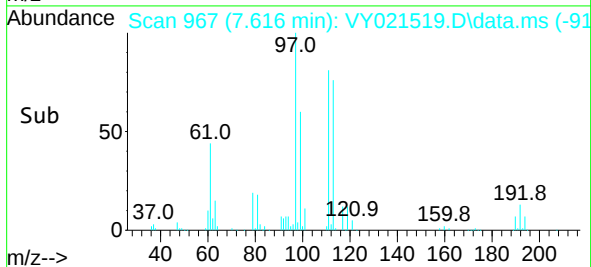
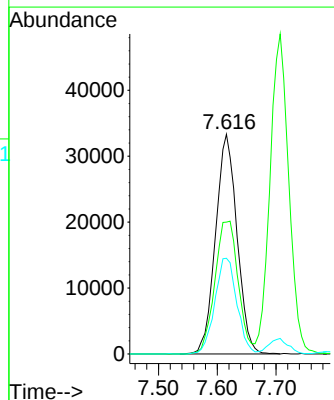
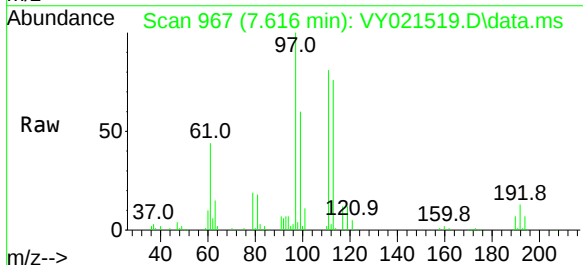
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

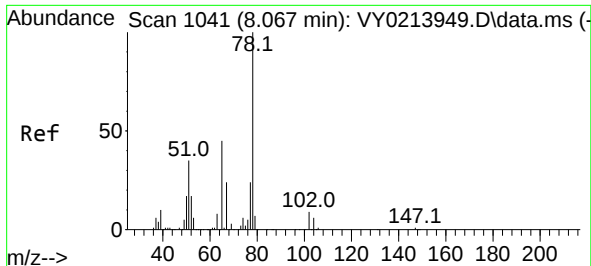
Tgt Ion: 56 Resp: 75202
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.4
84 90.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 22.099 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 97 Resp: 84541
Ion Ratio Lower Upper
97 100
99 66.2 51.7 77.5
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 58.538 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

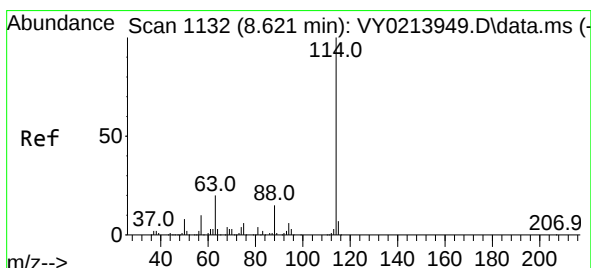
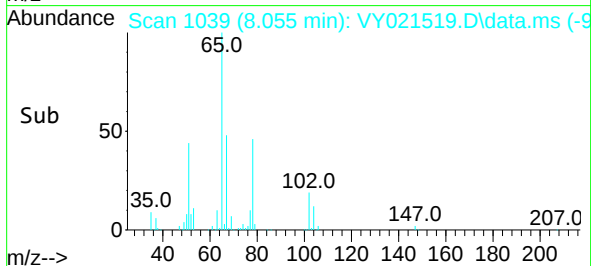
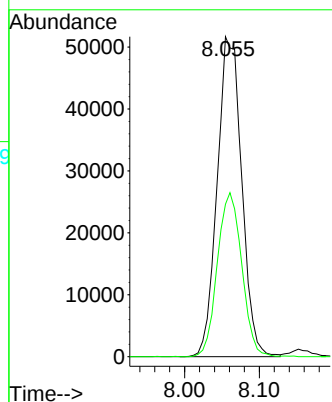
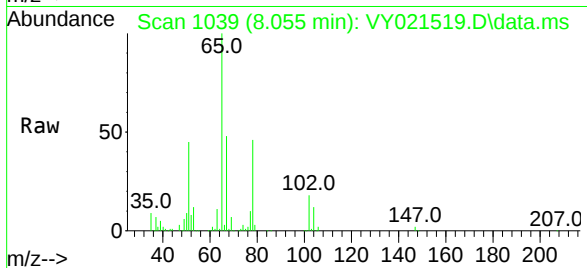
VY0313SBS01

Tgt Ion: 65 Resp: 117900

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

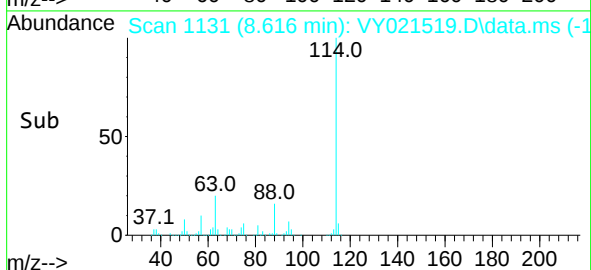
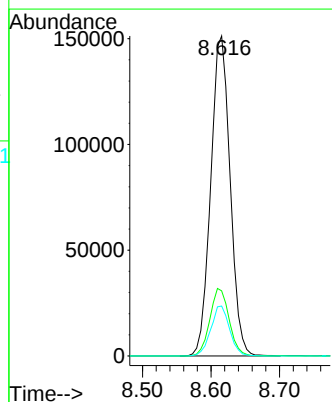
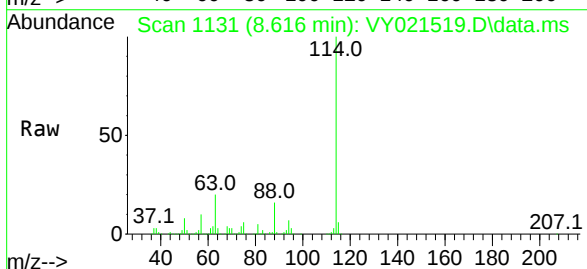
Tgt Ion: 114 Resp: 296797

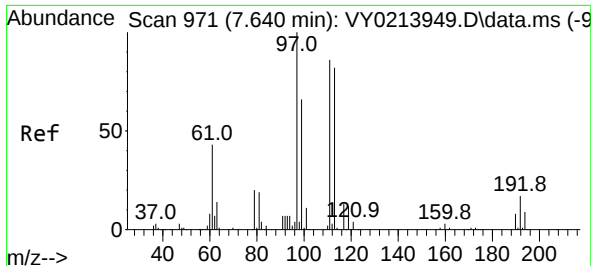
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 57.575 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

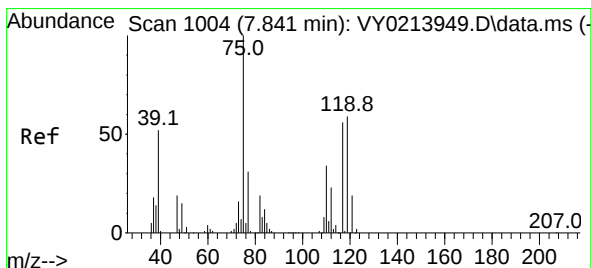
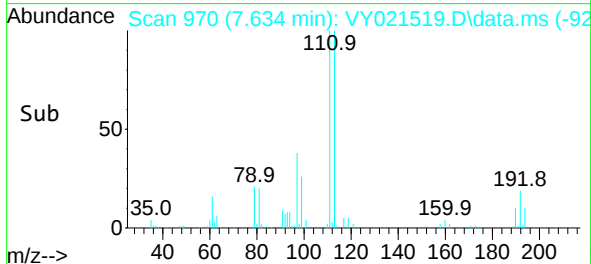
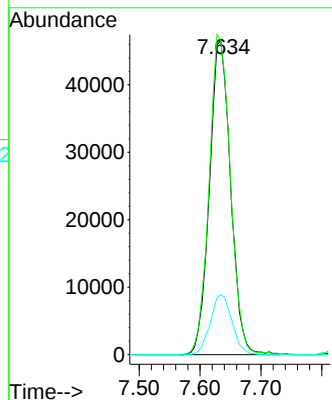
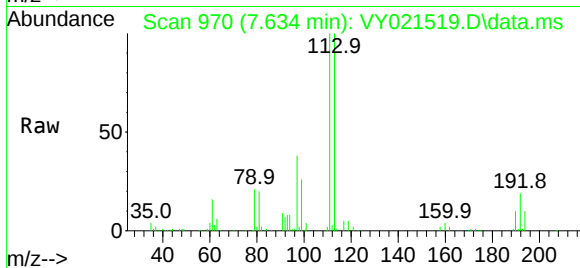
Tgt Ion:113 Resp: 112323

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 21.637 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

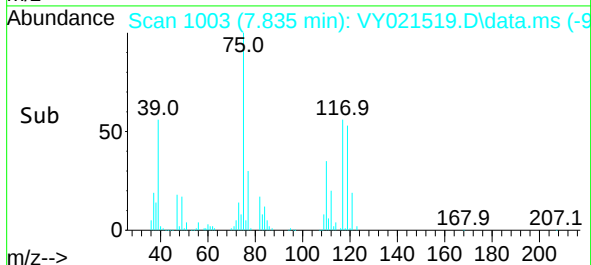
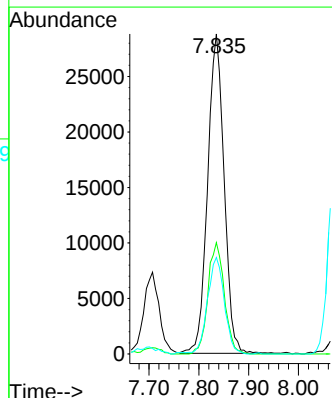
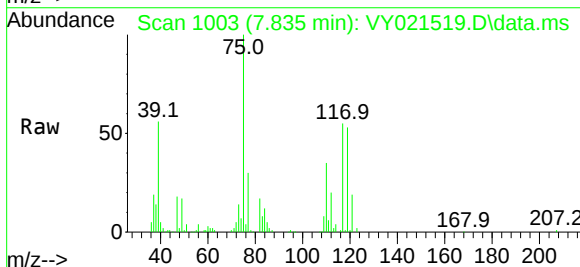
Tgt Ion: 75 Resp: 66073

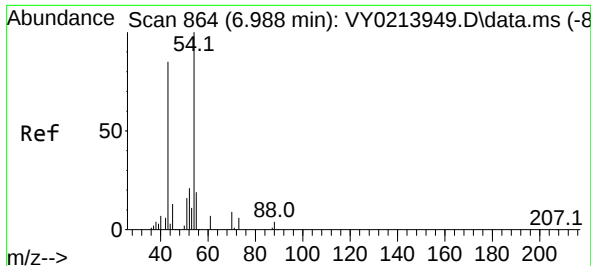
Ion Ratio Lower Upper

75 100

110 34.7 17.3 51.7

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 22.142 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

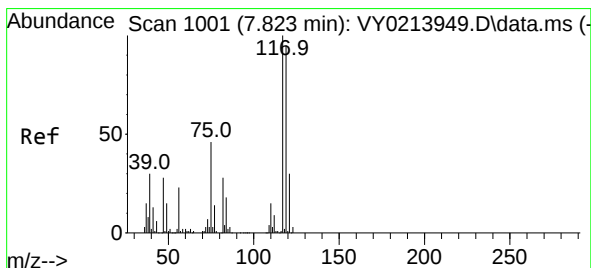
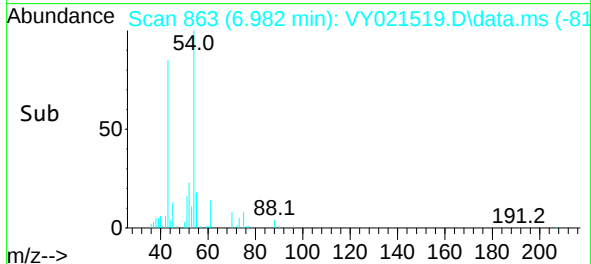
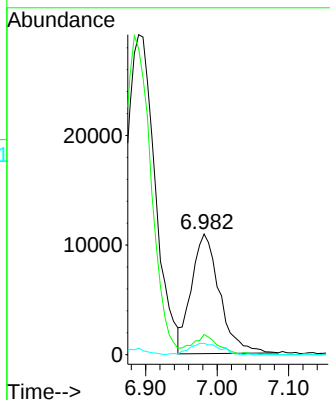
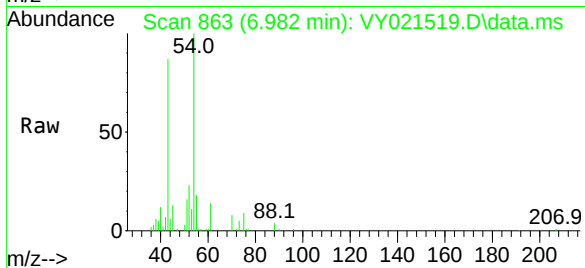
Tgt Ion: 43 Resp: 29885

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 10.3 8.2 12.2



#38

Carbon Tetrachloride

Concen: 21.927 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

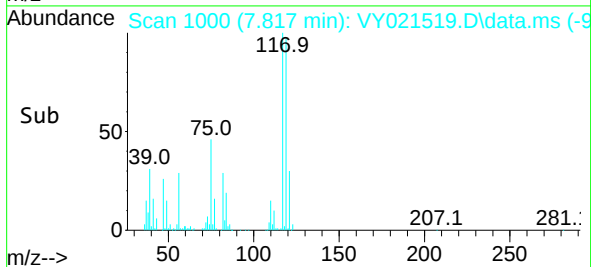
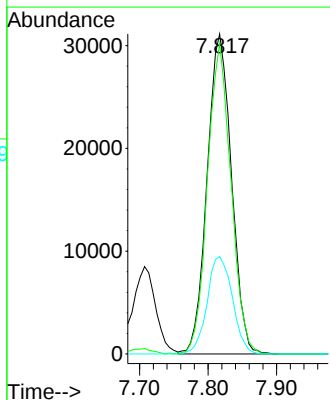
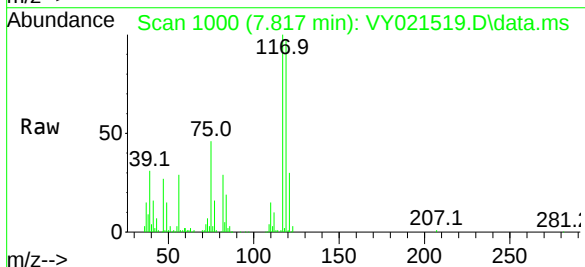
Tgt Ion: 117 Resp: 77010

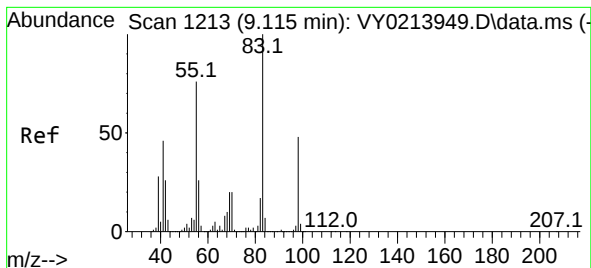
Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.8

121 30.4 23.9 35.9

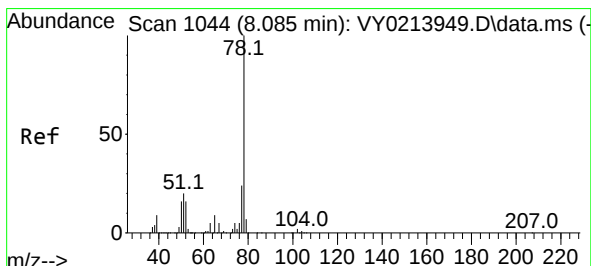
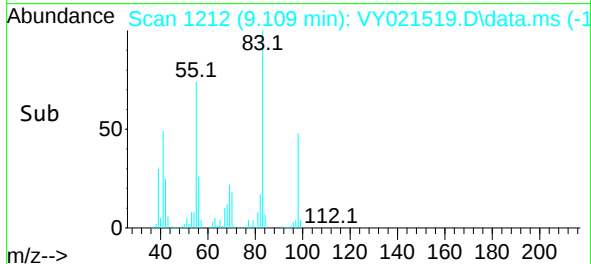
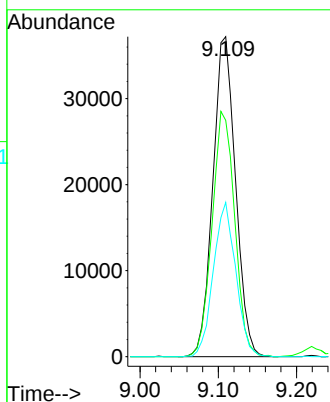
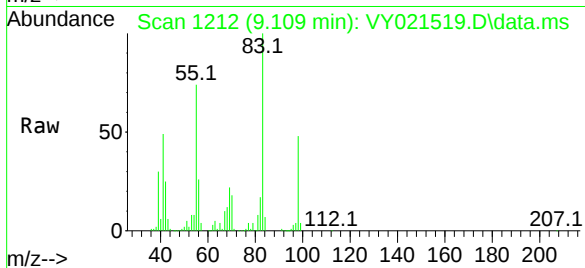




#39
Methylcyclohexane
Concen: 20.018 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

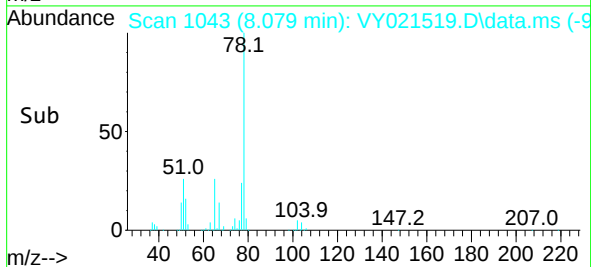
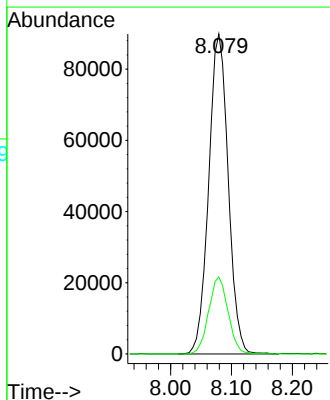
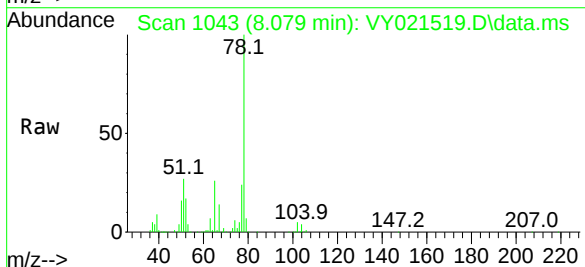
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

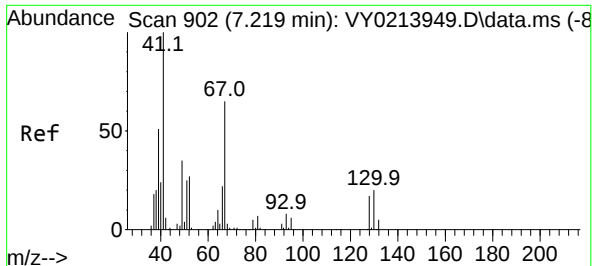
Tgt Ion: 83 Resp: 74983
Ion Ratio Lower Upper
83 100
55 73.8 60.7 91.1
98 48.2 38.6 57.8



#40
Benzene
Concen: 22.222 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 78 Resp: 199905
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

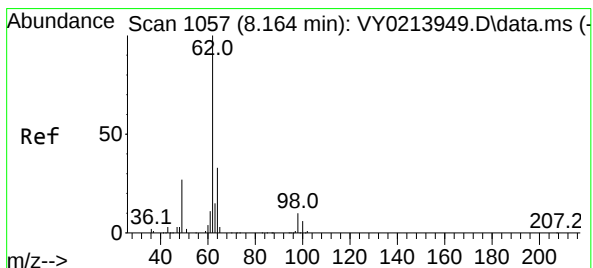
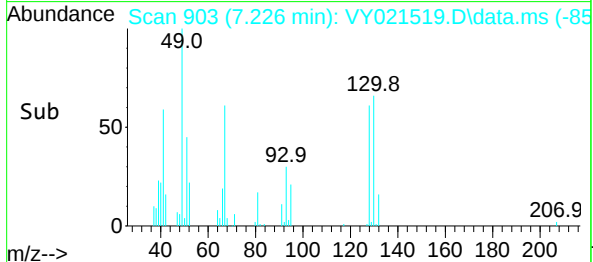
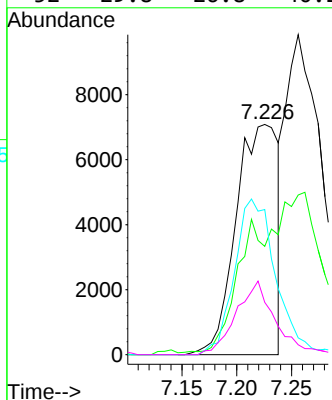
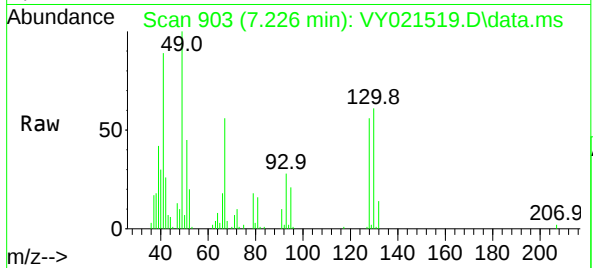




#41
Methacrylonitrile
Concen: 25.667 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

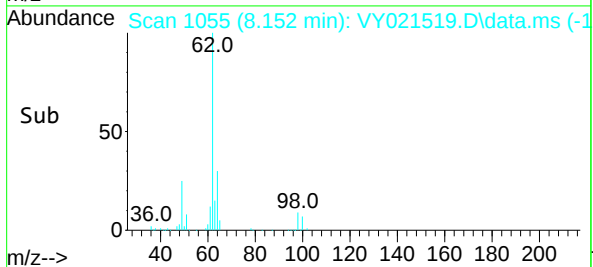
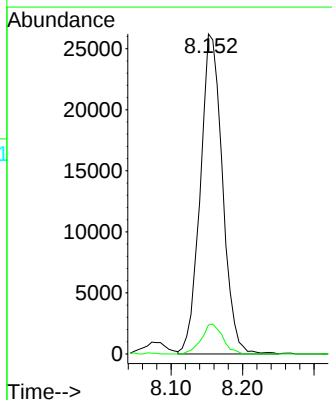
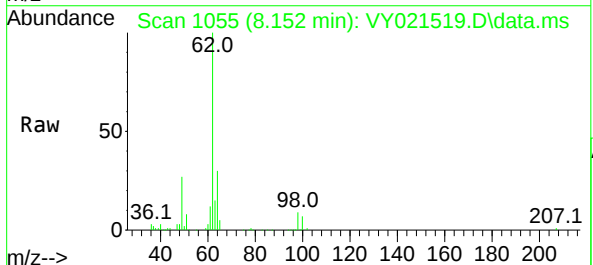
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

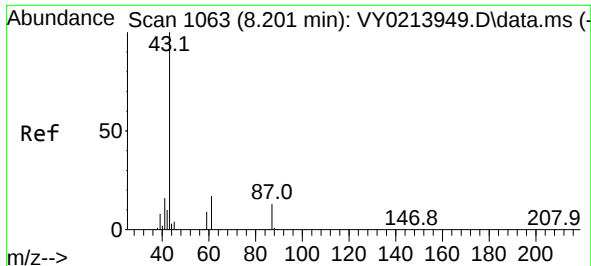
Tgt Ion:	41	Resp:	18863
Ion	Ratio	Lower	Upper
41	100		
39	38.5	35.0	52.6
67	66.9	61.2	91.8
52	29.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 22.422 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:	62	Resp:	56427
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

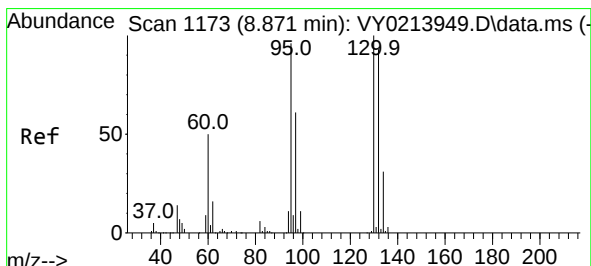
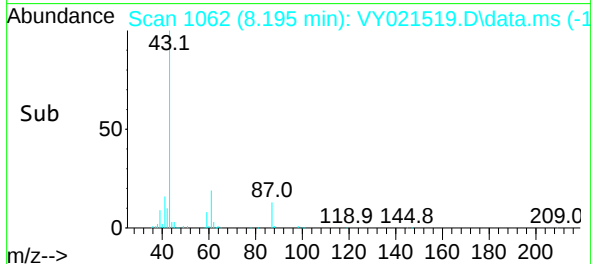
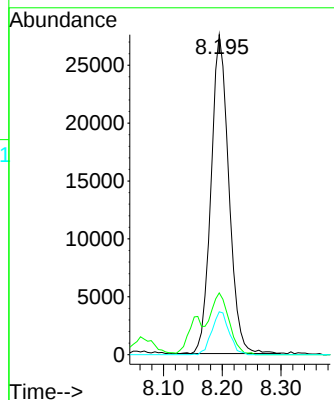
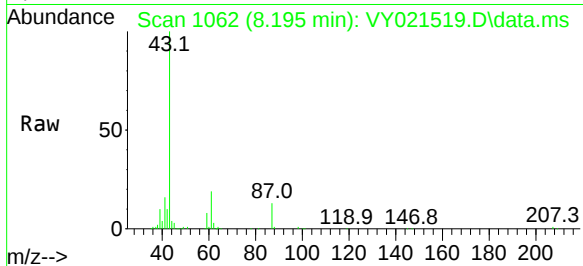




#43
Isopropyl Acetate
Concen: 22.119 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

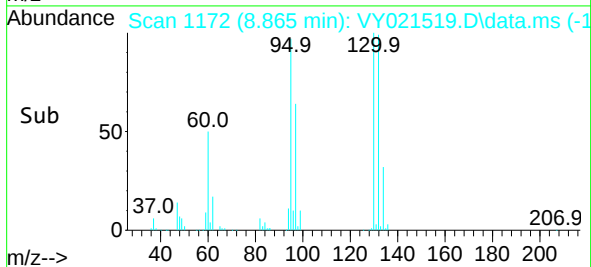
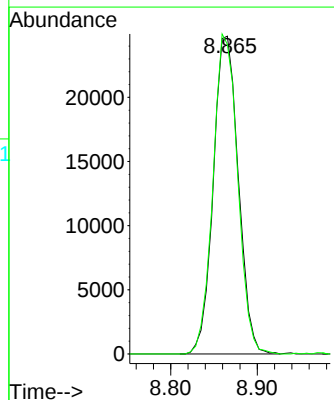
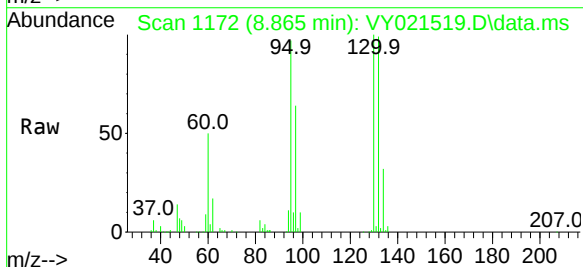
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

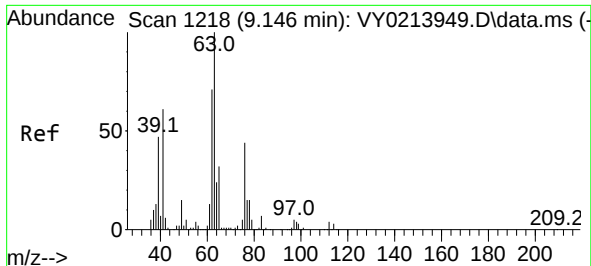
Tgt Ion: 43 Resp: 57956
Ion Ratio Lower Upper
43 100
61 19.9 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 21.859 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:130 Resp: 49691
Ion Ratio Lower Upper
130 100
95 97.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.448 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

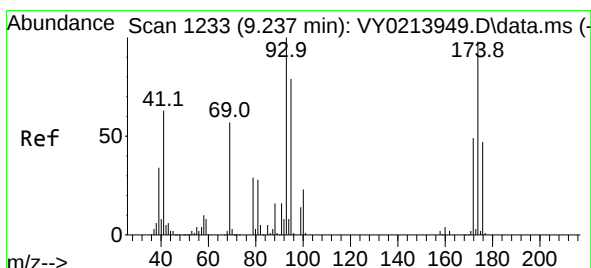
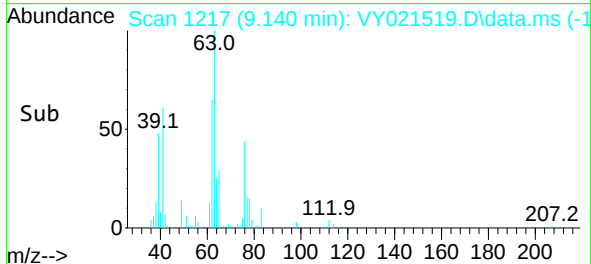
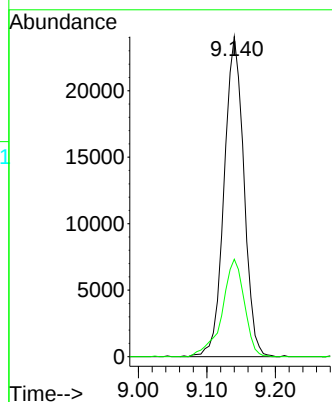
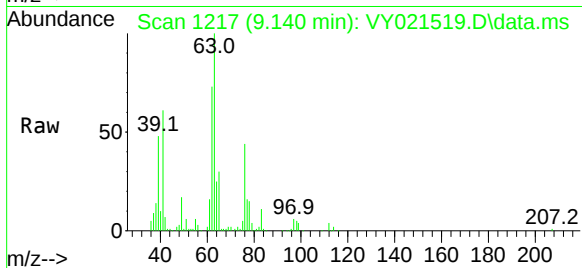
VY0313SBSD01

Tgt Ion: 63 Resp: 48060

Ion Ratio Lower Upper

63 100

65 30.5 26.0 39.0



#46

Dibromomethane

Concen: 22.704 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

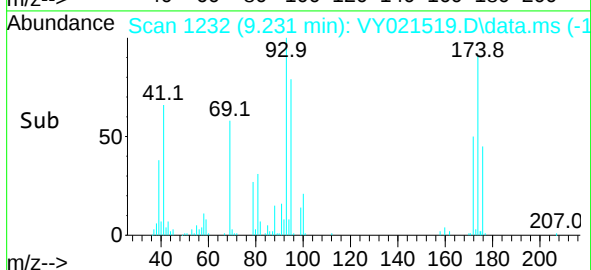
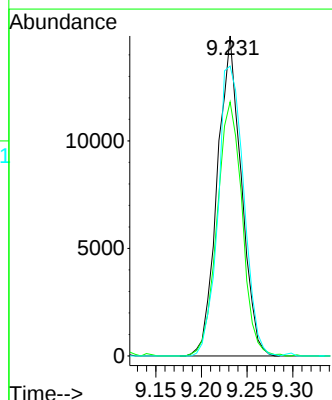
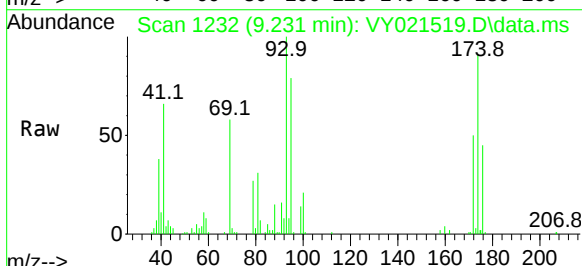
Tgt Ion: 93 Resp: 27046

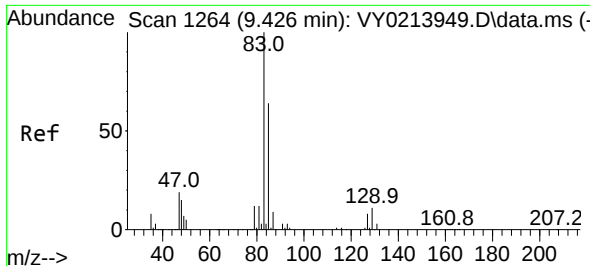
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 97.6 77.9 116.9

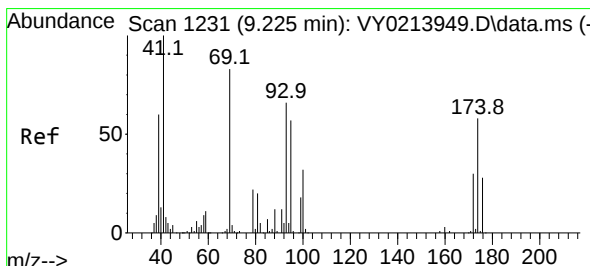
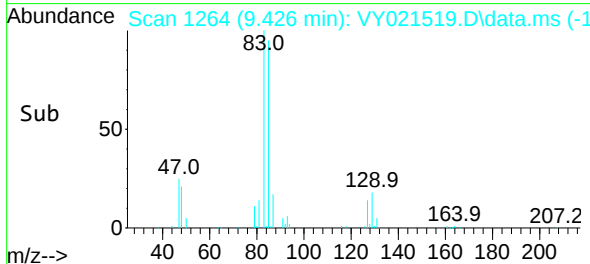
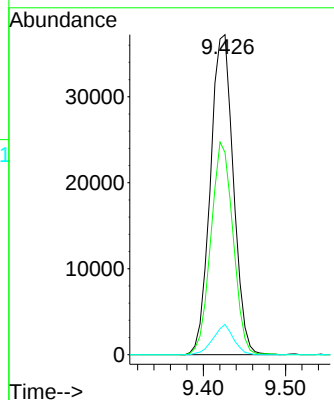
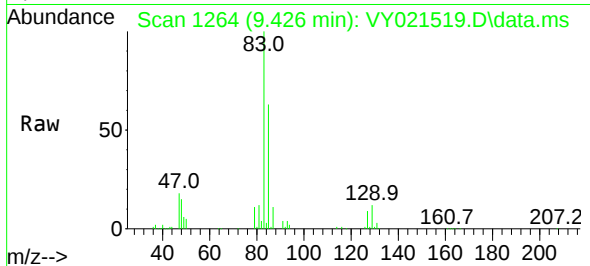




#47
Bromodichloromethane
Concen: 22.790 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

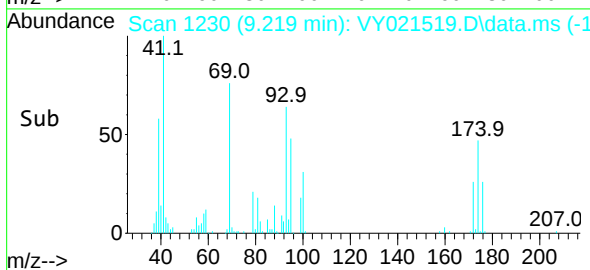
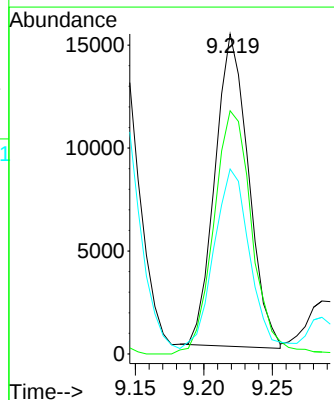
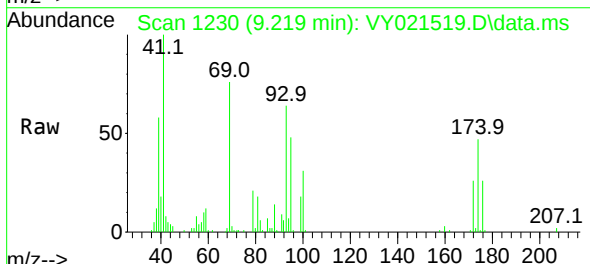
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

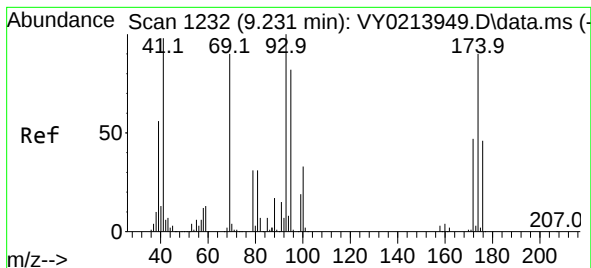
Tgt Ion: 83 Resp: 72100
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 21.395 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 41 Resp: 25741
Ion Ratio Lower Upper
41 100
69 88.7 67.8 101.8
39 61.8 46.4 69.6





#49

1,4-Dioxane

Concen: 479.790 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021519.D

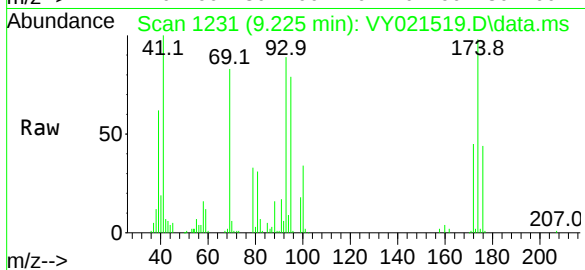
Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01



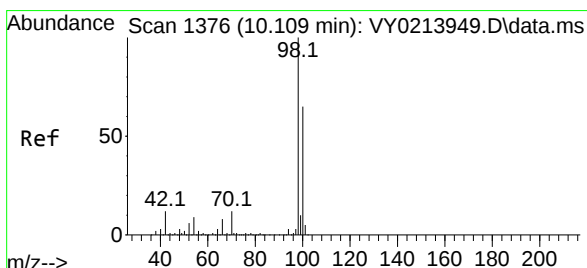
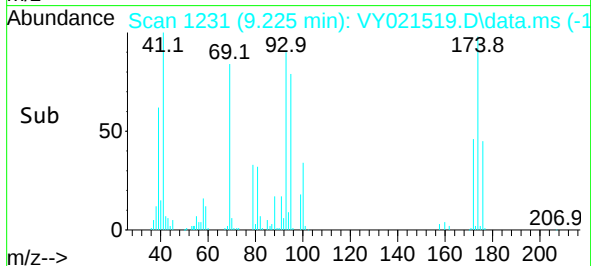
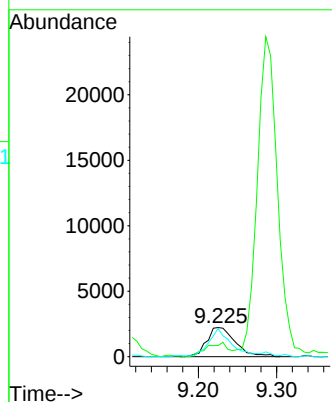
Tgt Ion: 88 Resp: 5610

Ion Ratio Lower Upper

88 100

43 37.3 25.0 37.4

58 73.2 58.4 87.6



#50

Toluene-d8

Concen: 56.620 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021519.D

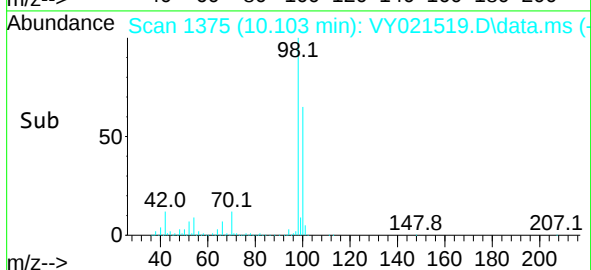
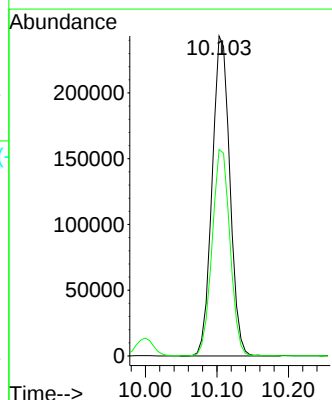
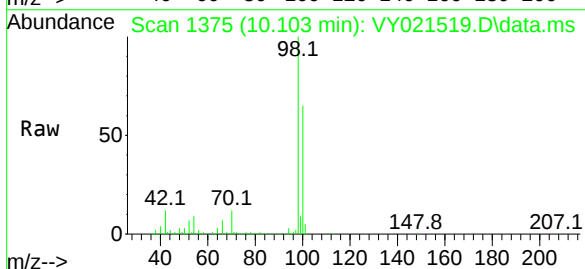
Acq: 13 Mar 2025 12:35

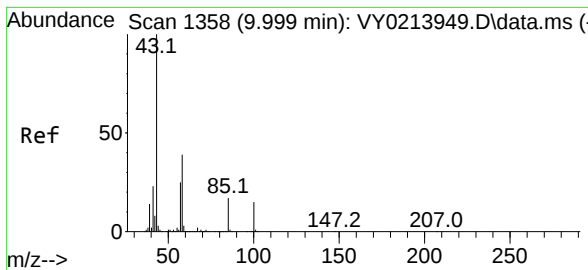
Tgt Ion: 98 Resp: 418231

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

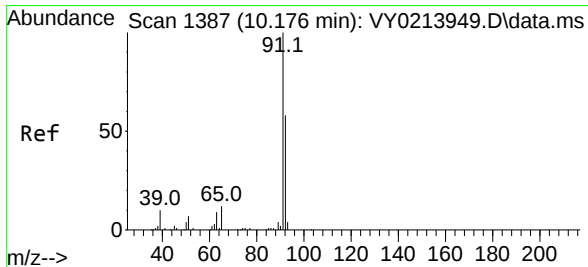
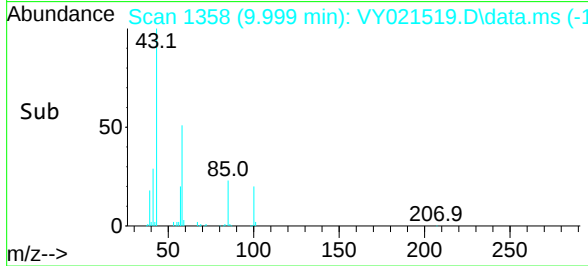
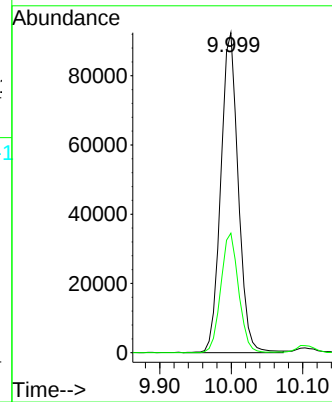
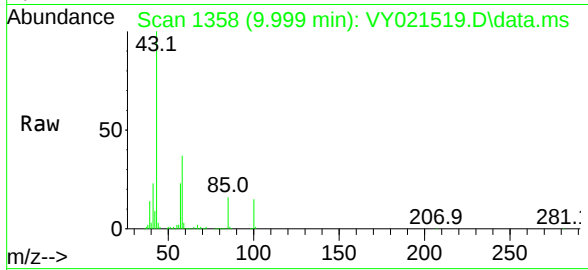




#51
4-Methyl-2-Pentanone
Concen: 116.034 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

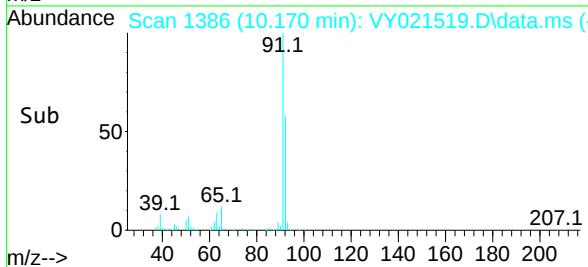
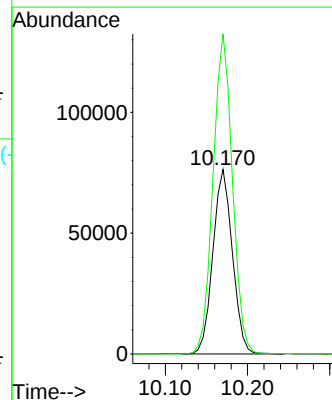
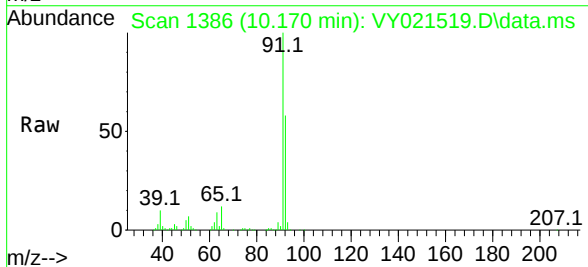
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

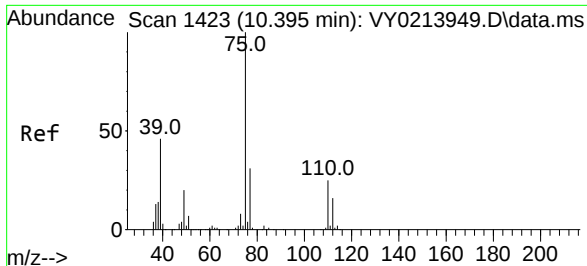
Tgt Ion: 43 Resp: 156868
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.2



#52
Toluene
Concen: 22.205 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 92 Resp: 125931
Ion Ratio Lower Upper
92 100
91 172.5 138.2 207.2

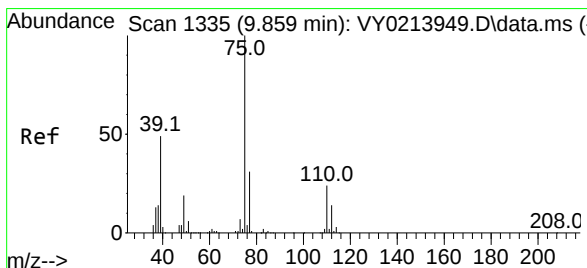
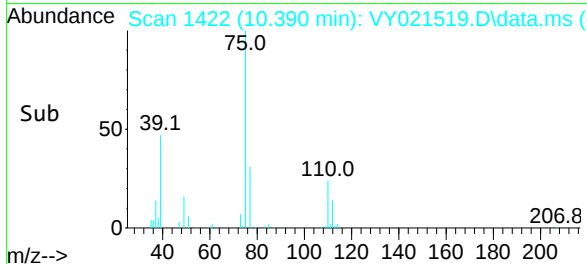
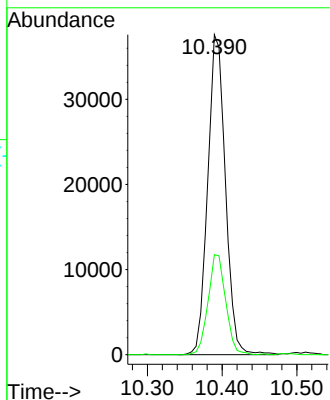
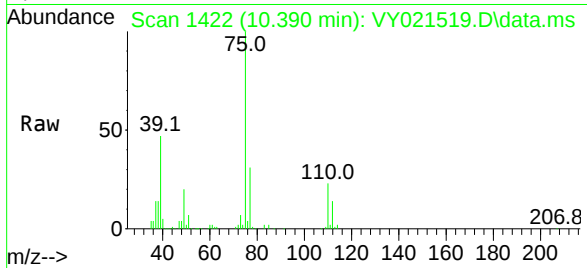




#53
 t-1,3-Dichloropropene
 Concen: 22.192 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

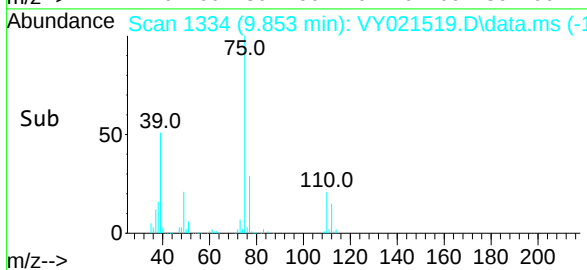
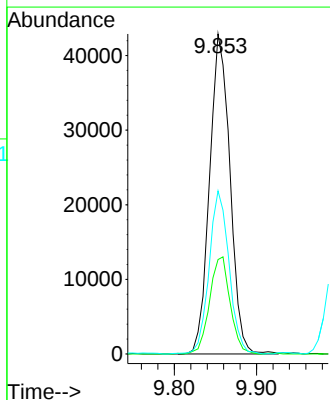
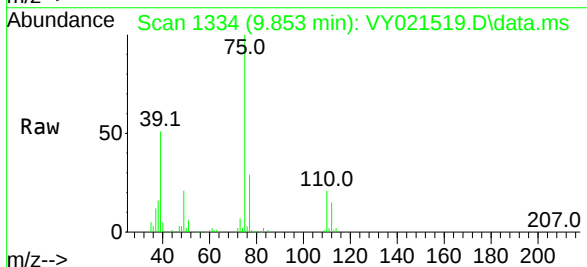
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

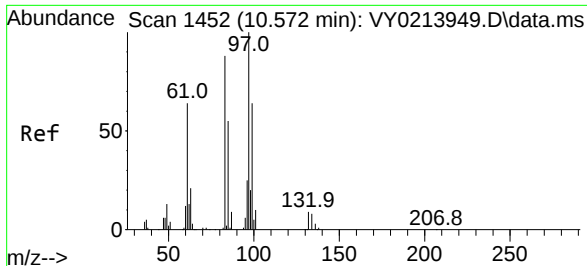
Tgt Ion: 75 Resp: 61853
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 22.344 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 75 Resp: 73940
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.6 37.0
 39 50.8 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 22.394 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

Tgt Ion: 97 Resp: 34897

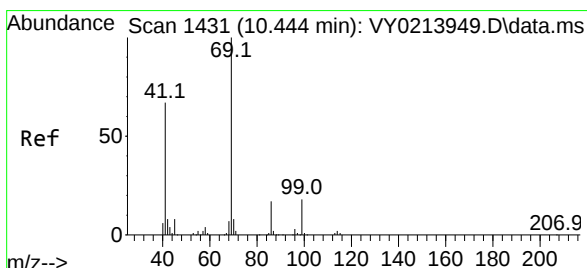
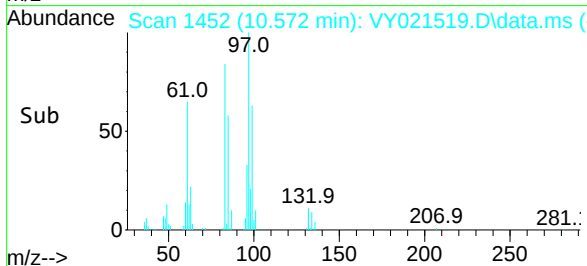
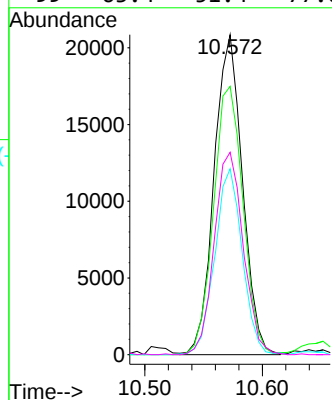
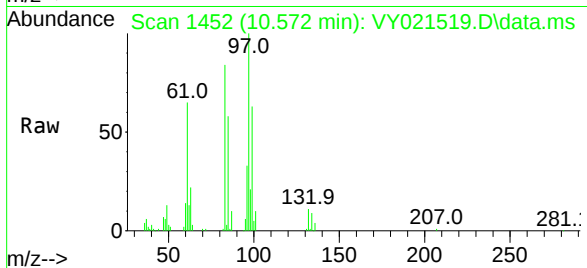
Ion Ratio Lower Upper

97 100

83 84.1 70.0 105.0

85 58.0 44.3 66.5

99 63.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.699 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

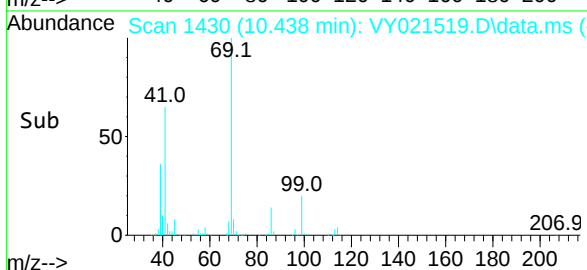
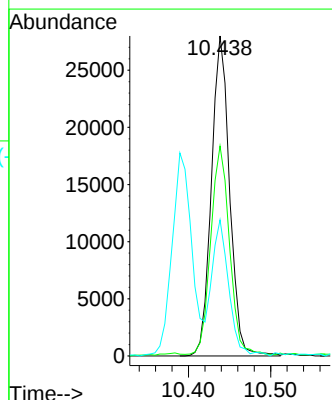
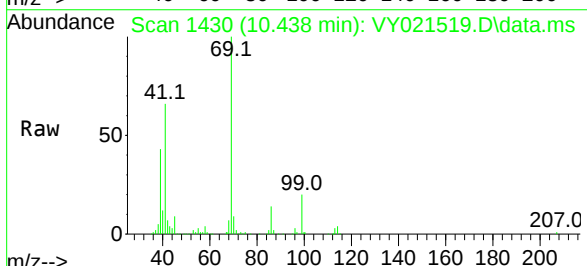
Tgt Ion: 69 Resp: 43123

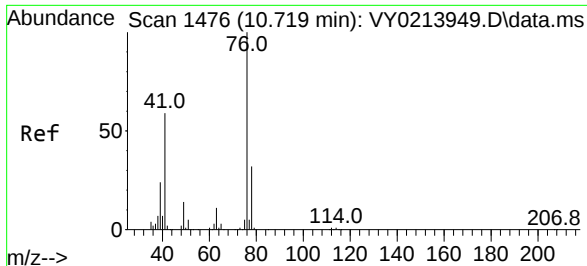
Ion Ratio Lower Upper

69 100

41 67.0 53.3 79.9

39 39.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 22.617 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

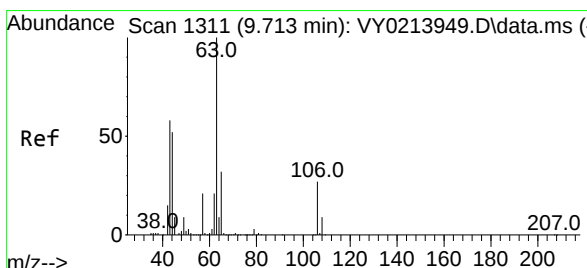
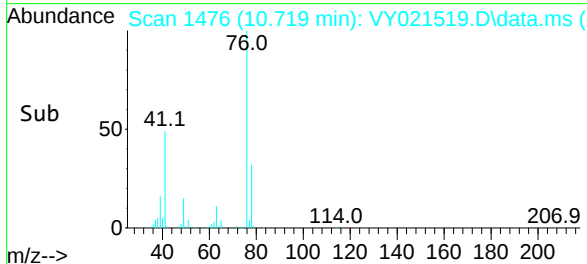
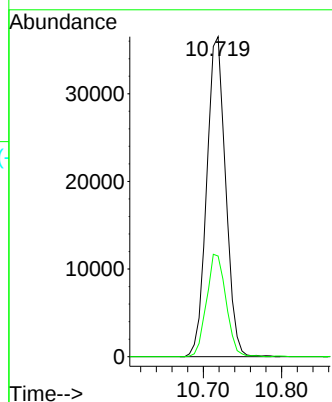
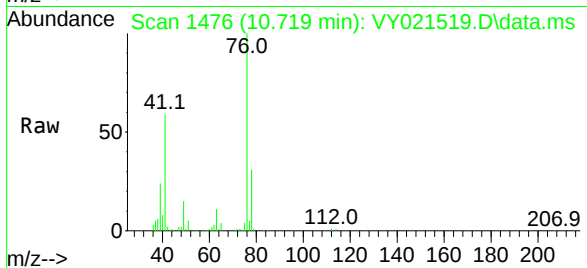
VY0313SBS01

Tgt Ion: 76 Resp: 61083

Ion Ratio Lower Upper

76 100

78 33.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.429 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021519.D

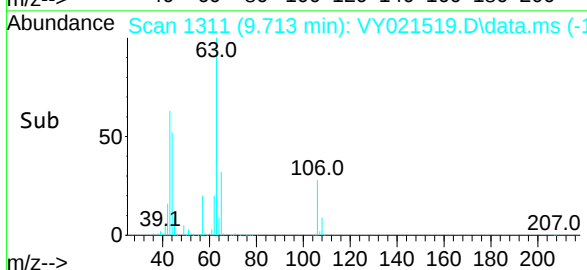
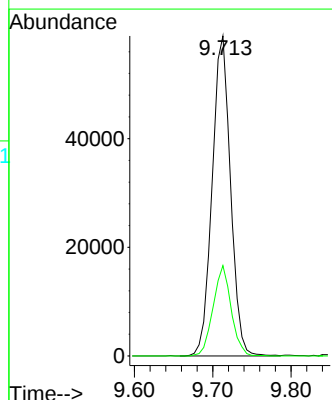
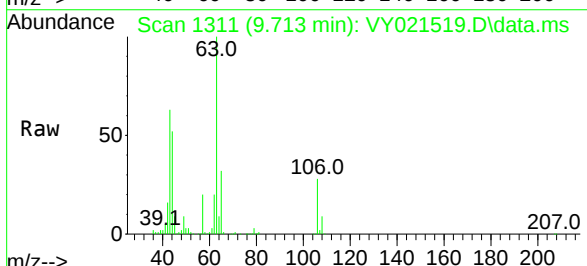
Acq: 13 Mar 2025 12:35

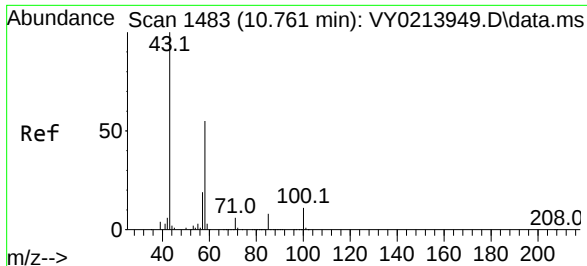
Tgt Ion: 63 Resp: 95805

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

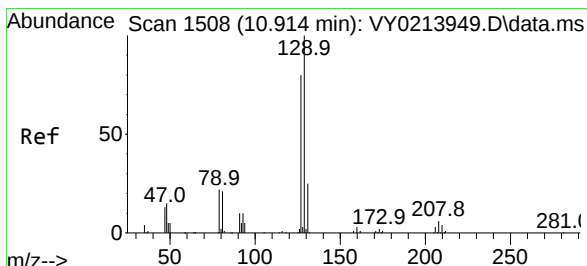
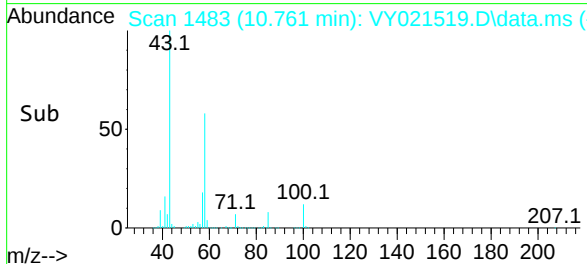
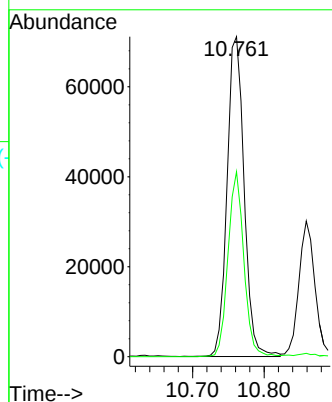
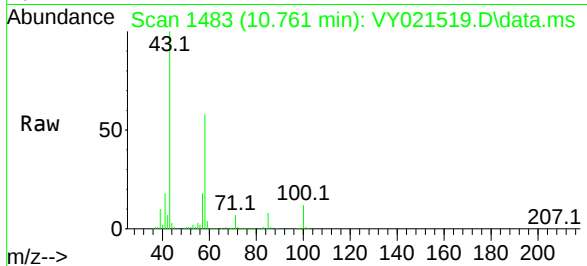




#59
2-Hexanone
Concen: 131.473 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

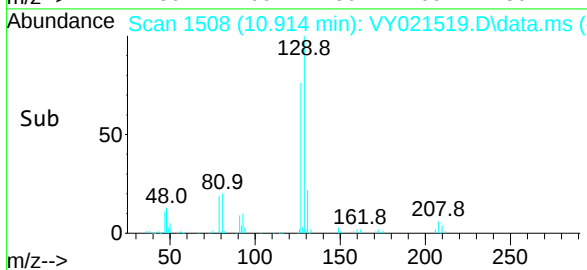
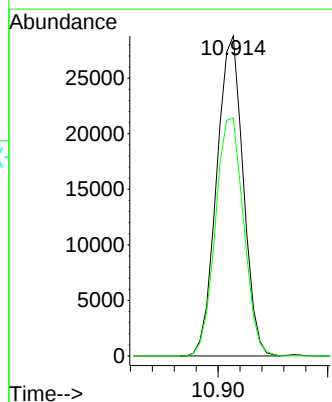
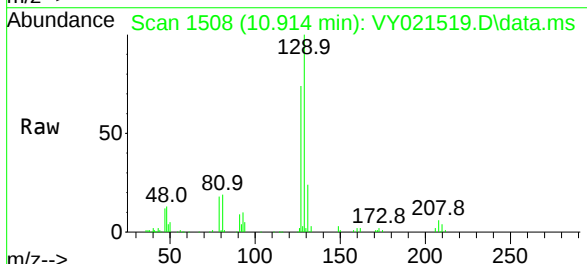
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

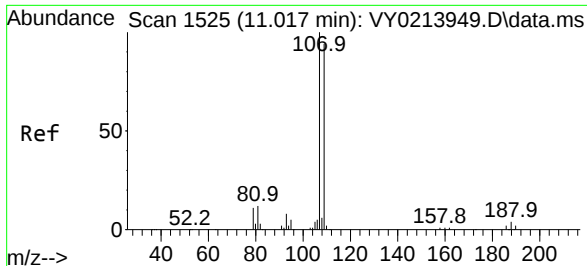
Tgt Ion: 43 Resp: 117526
Ion Ratio Lower Upper
43 100
58 53.9 27.3 81.8



#60
Dibromochloromethane
Concen: 22.682 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 129 Resp: 48455
Ion Ratio Lower Upper
129 100
127 79.1 39.1 117.3

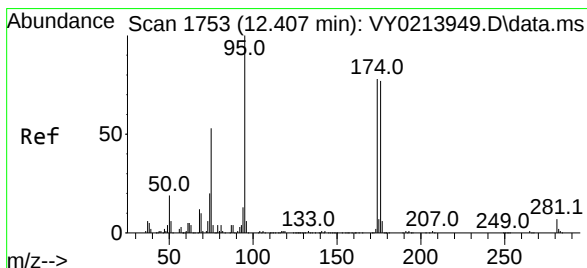
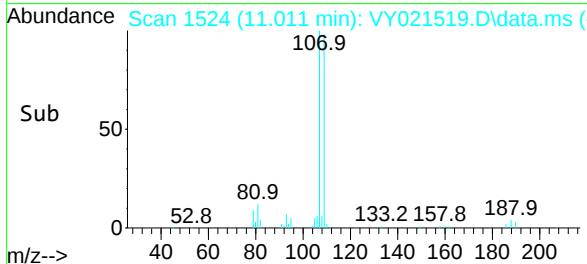
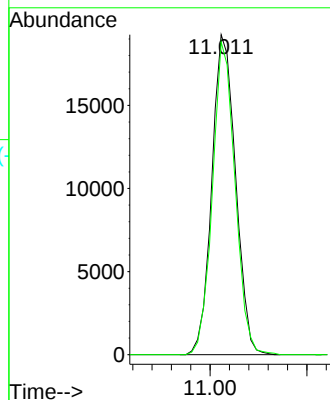
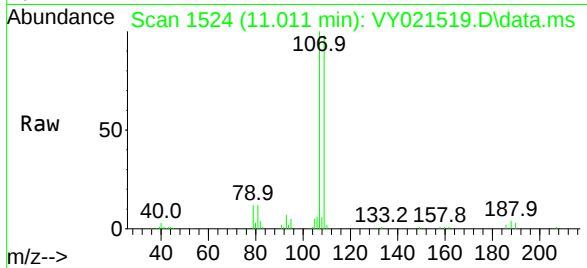




#61
1,2-Dibromoethane
Concen: 22.289 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

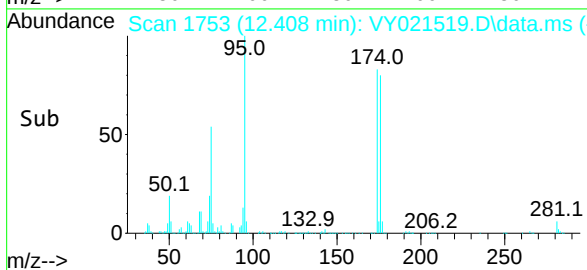
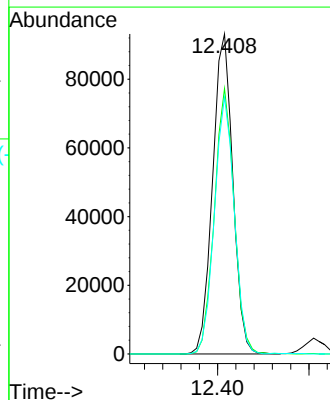
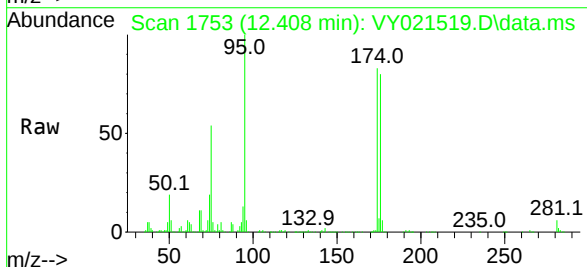
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

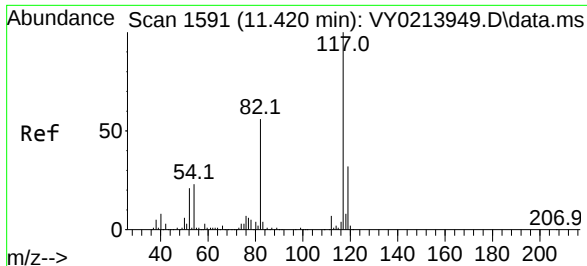
Tgt Ion:107 Resp: 32780
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 56.763 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 95 Resp: 142626
Ion Ratio Lower Upper
95 100
174 81.4 0.0 165.0
176 79.3 0.0 160.0

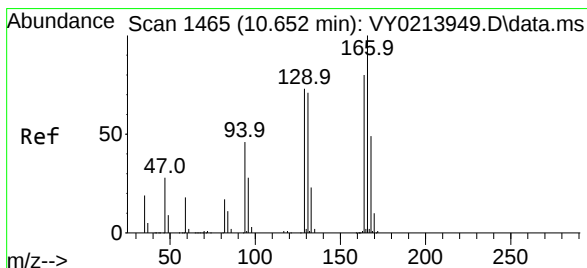
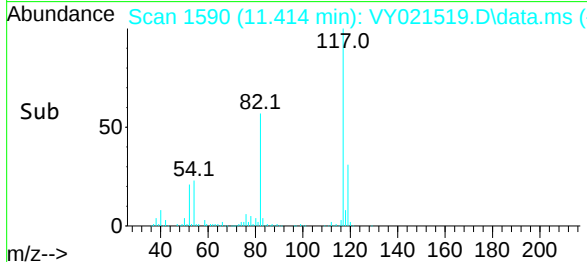
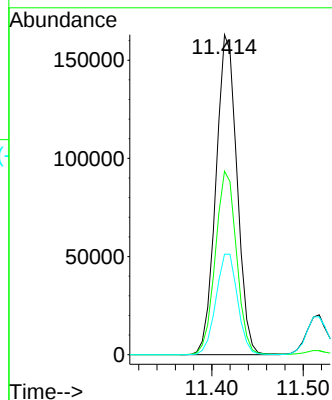
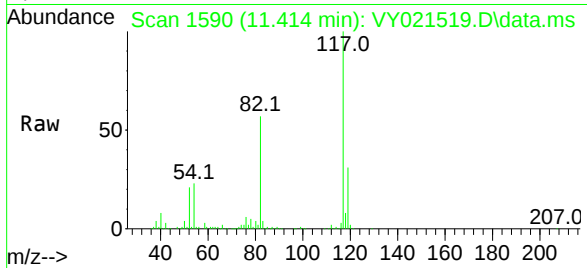




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

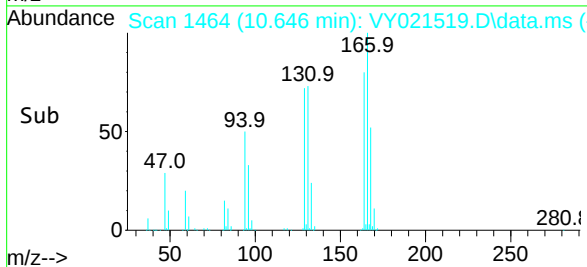
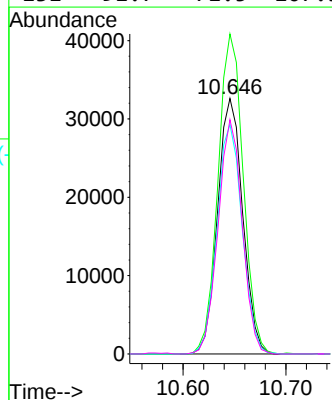
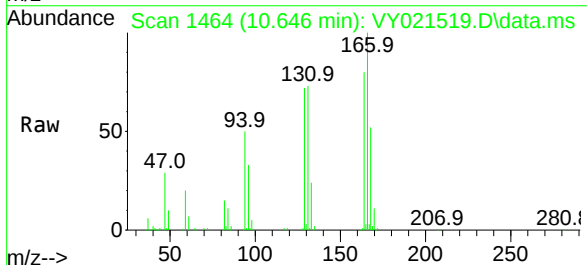
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

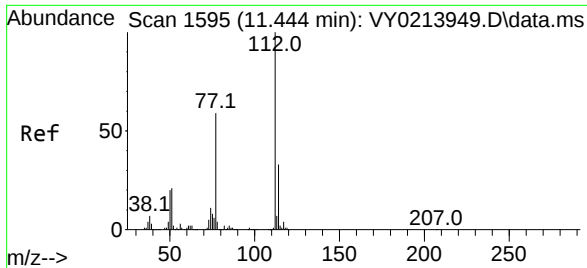
Tgt Ion:117 Resp: 261921
Ion Ratio Lower Upper
117 100
82 57.4 44.6 67.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 25.949 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:164 Resp: 55268
Ion Ratio Lower Upper
164 100
166 125.3 100.4 150.6
129 89.8 73.8 110.8
131 91.7 71.5 107.3

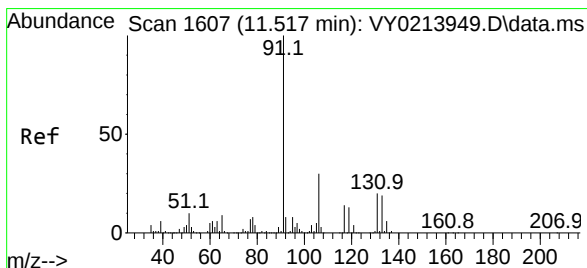
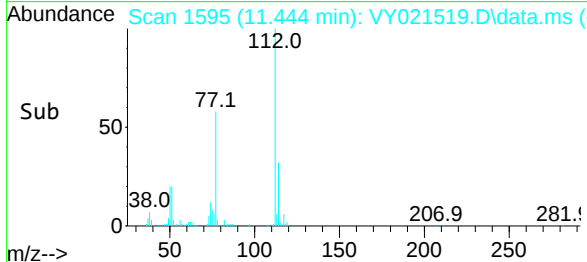
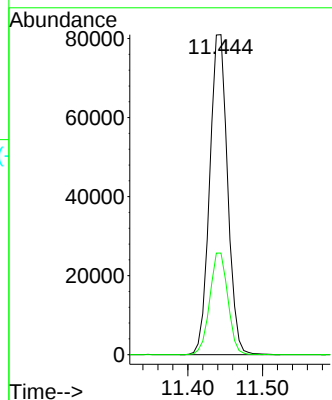
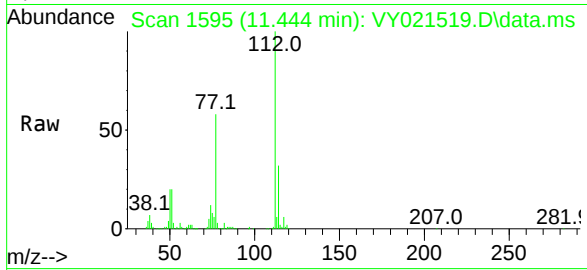




#65
Chlorobenzene
Concen: 21.845 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

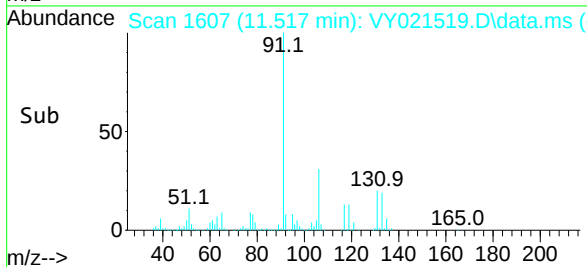
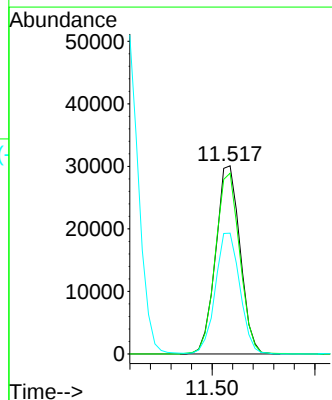
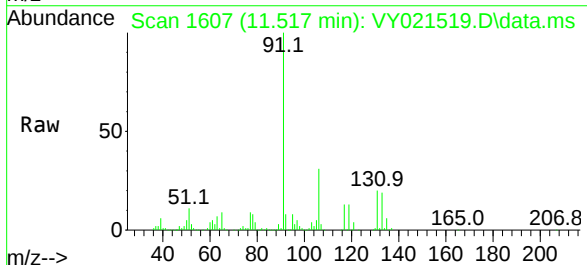
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

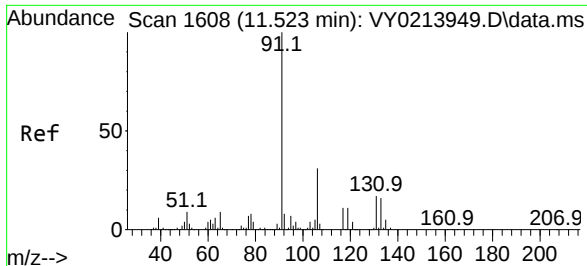
Tgt Ion:112 Resp: 135112
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.646 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:131 Resp: 49521
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 21.330 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

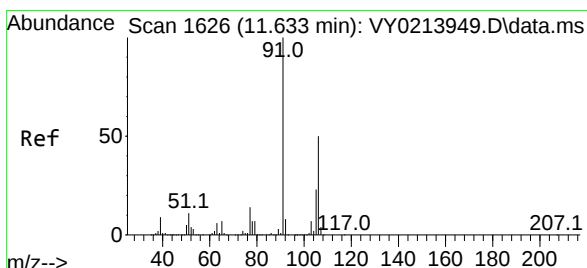
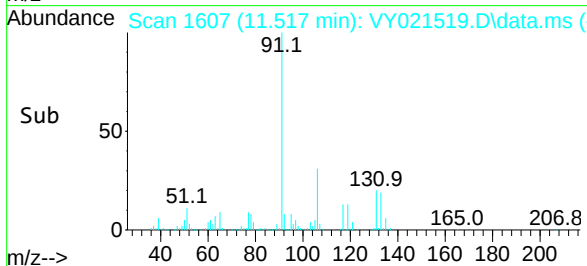
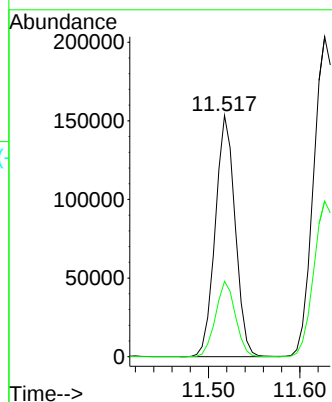
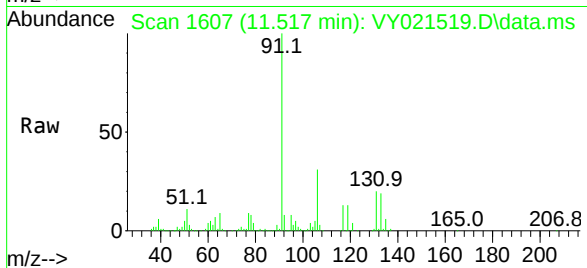
VY0313SBS01

Tgt Ion: 91 Resp: 231563

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.535 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021519.D

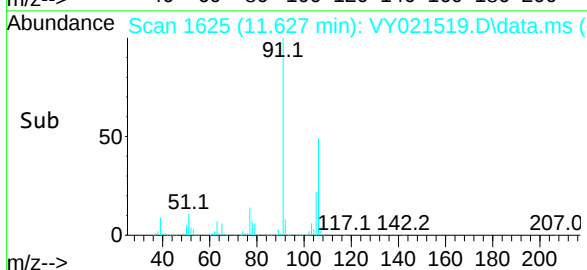
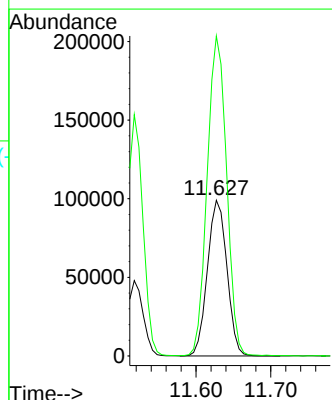
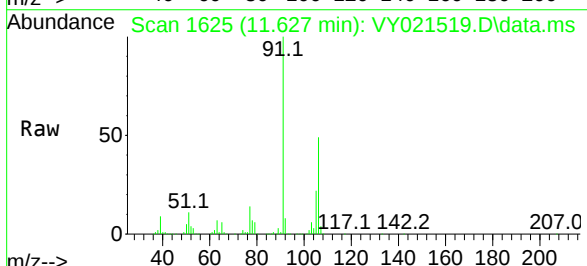
Acq: 13 Mar 2025 12:35

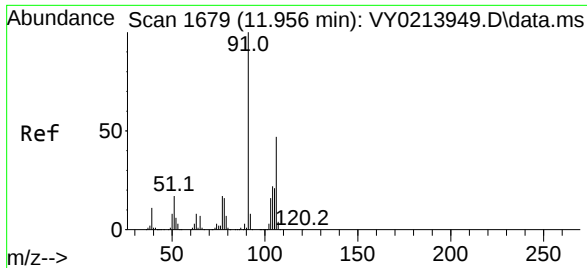
Tgt Ion:106 Resp: 179430

Ion Ratio Lower Upper

106 100

91 203.8 161.7 242.5

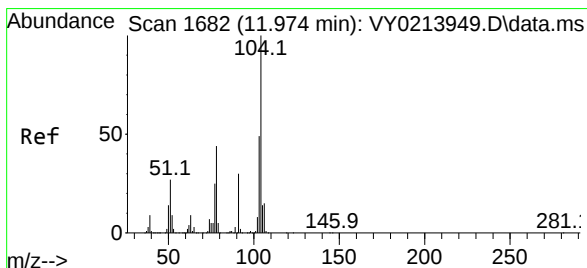
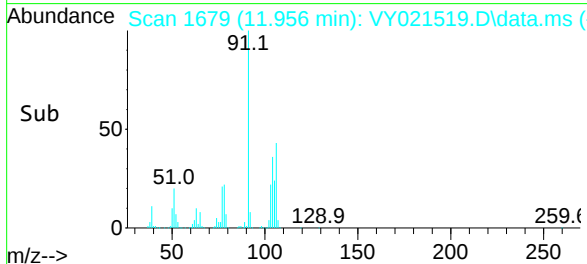
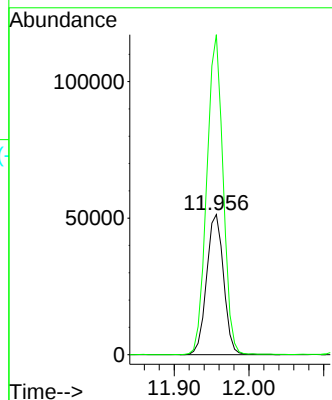
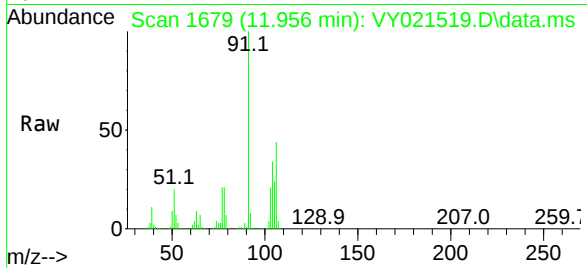




#69
o-Xylene
Concen: 21.322 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

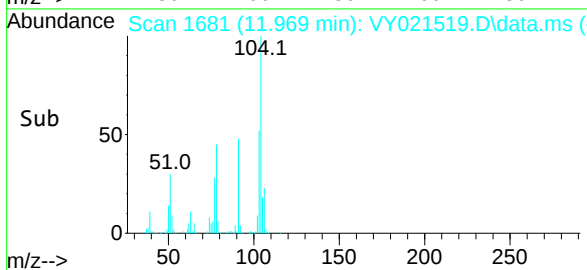
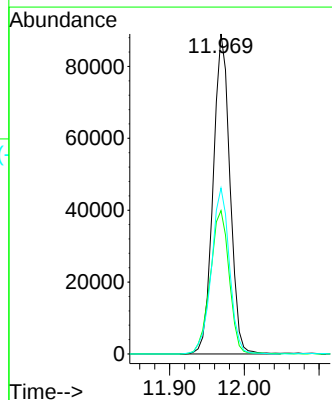
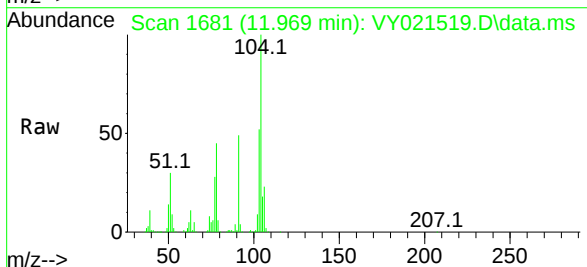
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

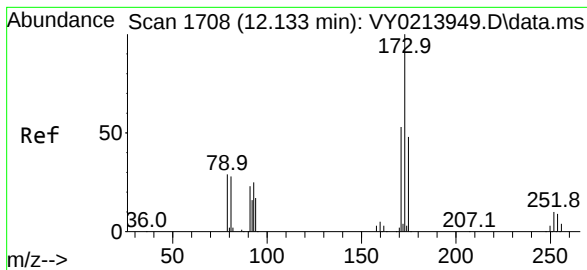
Tgt Ion:106 Resp: 80992
Ion Ratio Lower Upper
106 100
91 220.1 107.6 322.8



#70
Styrene
Concen: 22.092 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:104 Resp: 139214
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 55.5 44.1 66.1

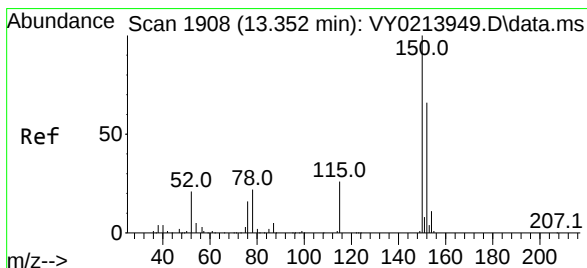
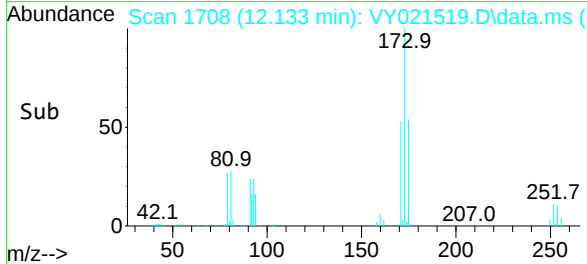
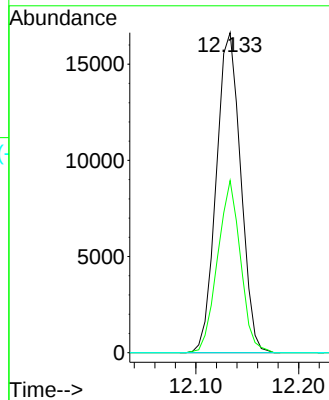
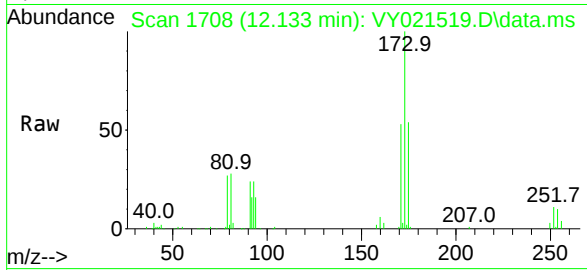




#71
Bromoform
Concen: 22.417 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

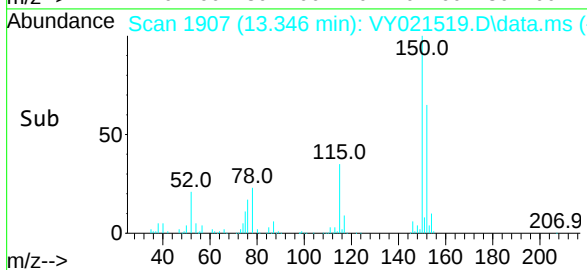
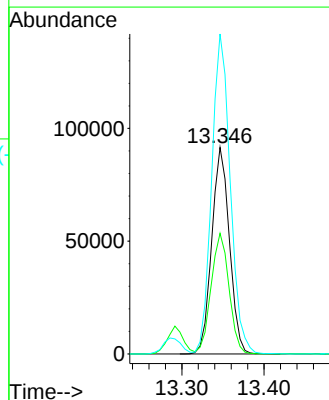
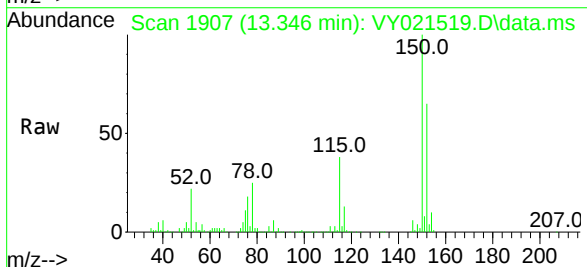
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

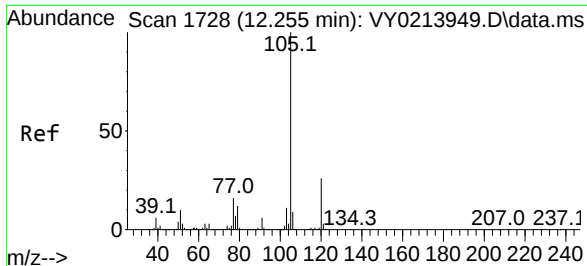
Tgt Ion:173 Resp: 27403
Ion Ratio Lower Upper
173 100
175 50.7 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:152 Resp: 136724
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.0
150 162.9 0.0 347.2

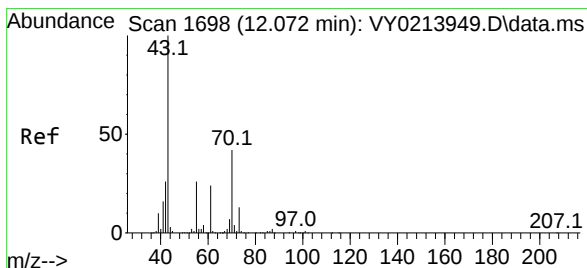
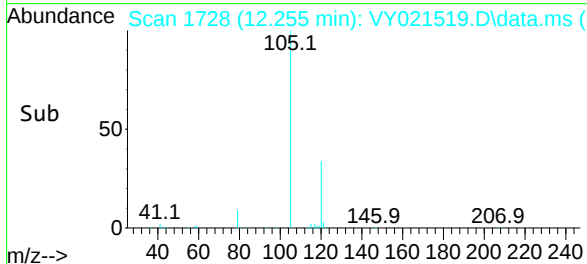
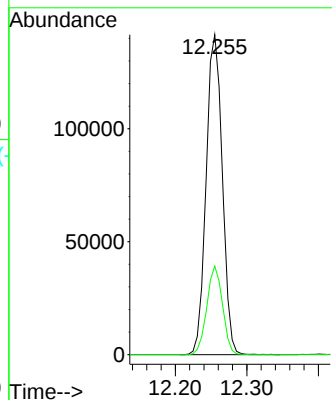
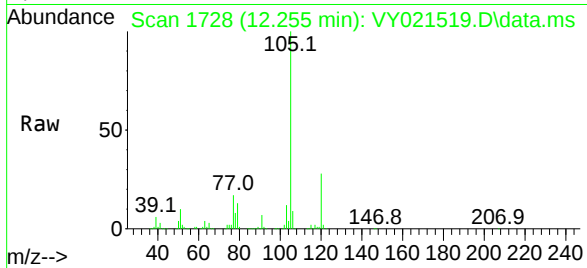




#73
Isopropylbenzene
Concen: 20.657 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

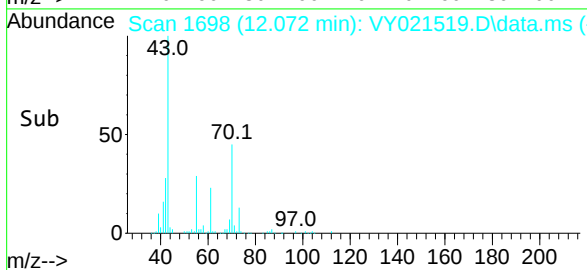
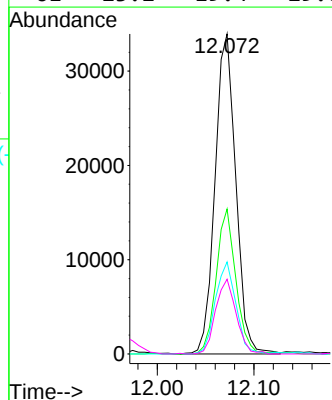
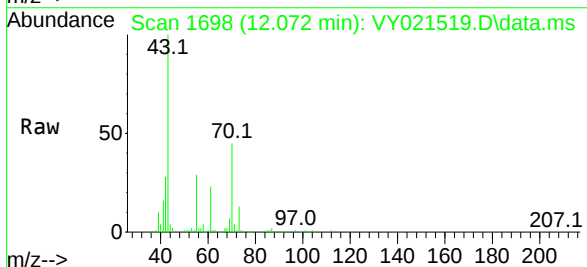
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

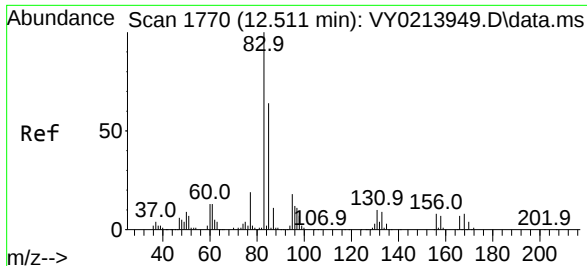
Tgt Ion:105 Resp: 222480
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 21.611 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 43 Resp: 50548
Ion Ratio Lower Upper
43 100
70 43.3 34.6 51.8
55 28.5 21.1 31.7
61 23.2 19.4 29.0

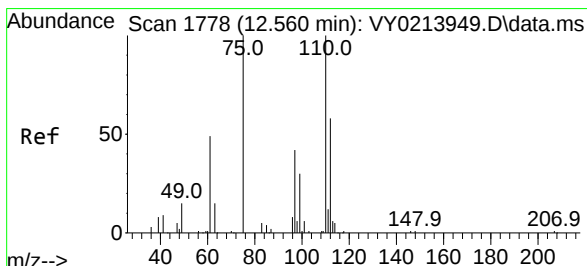
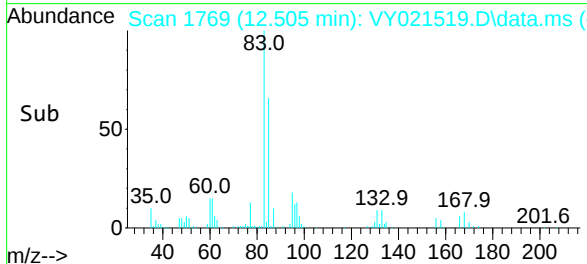
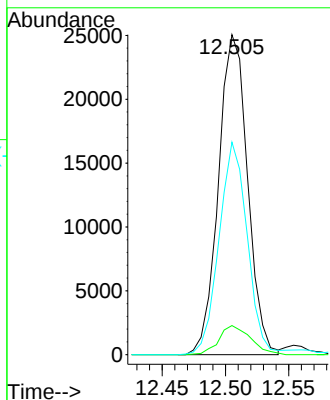
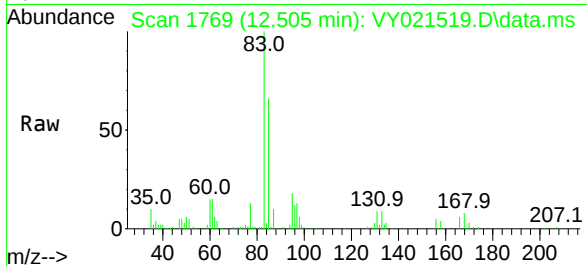




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.116 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

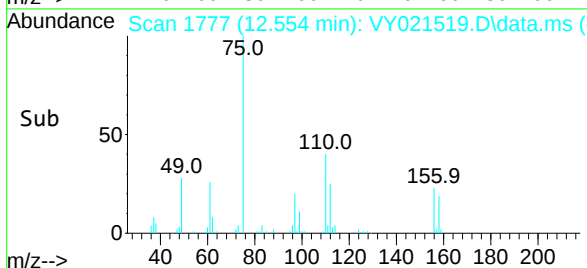
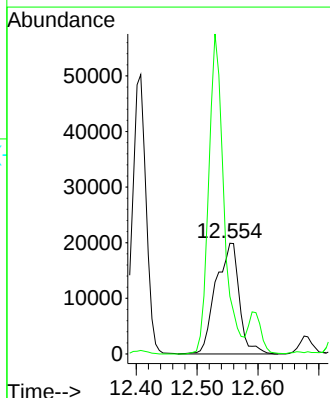
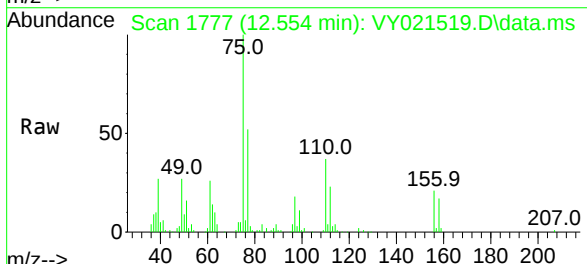
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBS01

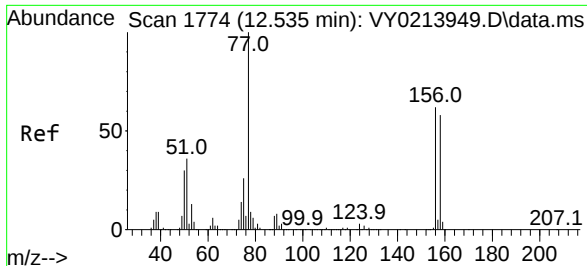
Tgt Ion: 83 Resp: 40133
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 16.1
 85 64.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 38.587 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 75 Resp: 53163
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

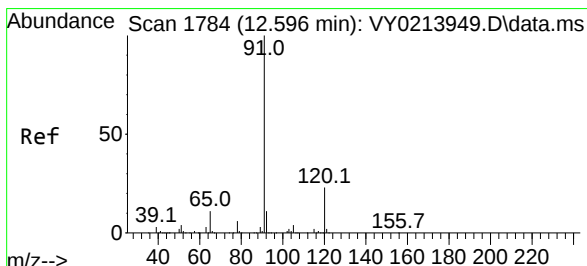
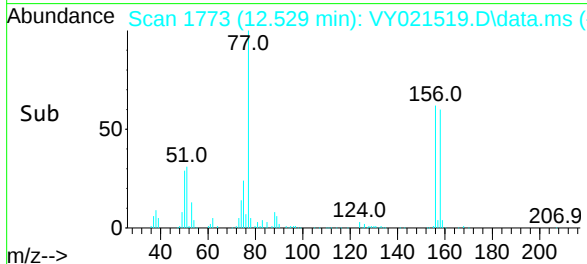
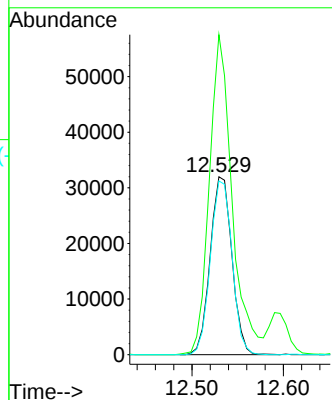
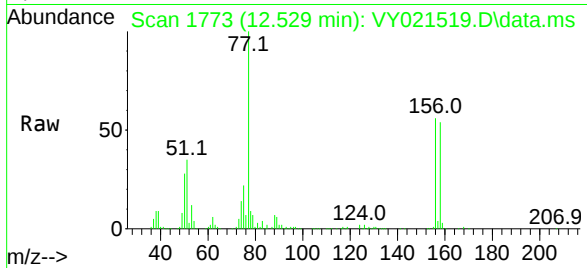




#77
Bromobenzene
Concen: 21.052 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

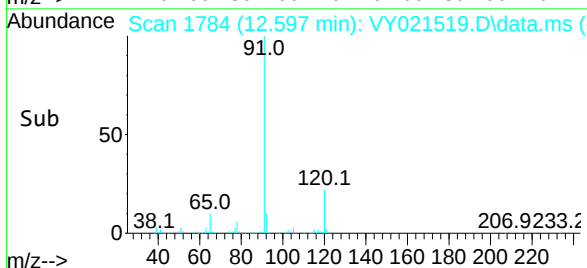
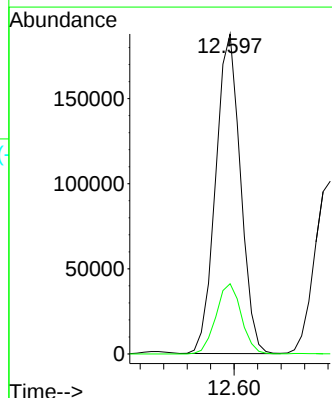
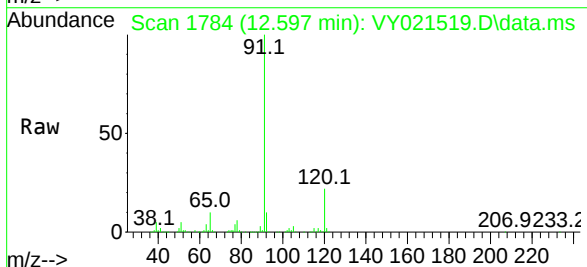
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

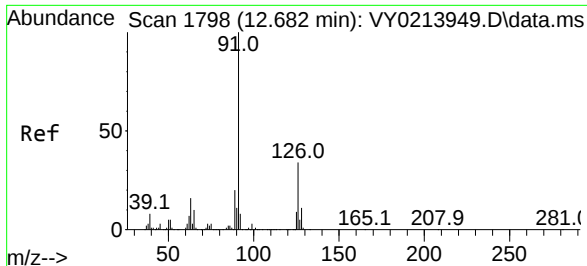
Tgt Ion:156 Resp: 53044
Ion Ratio Lower Upper
156 100
77 188.4 93.6 280.8
158 97.3 48.3 144.8



#78
n-propylbenzene
Concen: 21.048 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 91 Resp: 275313
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

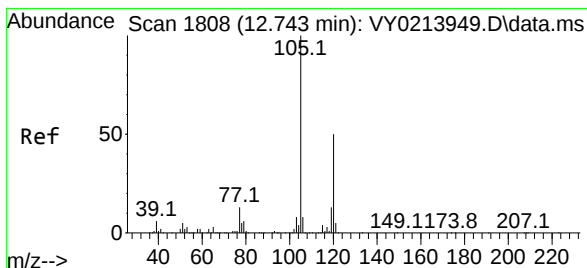
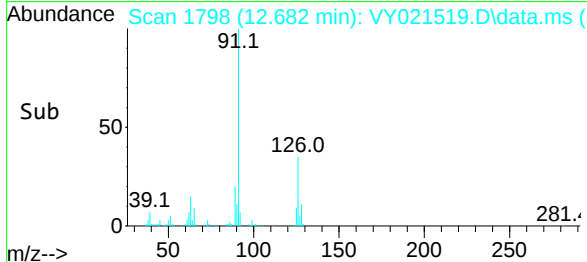
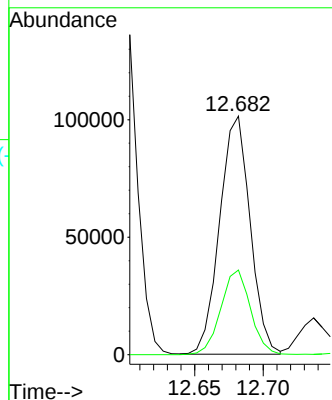
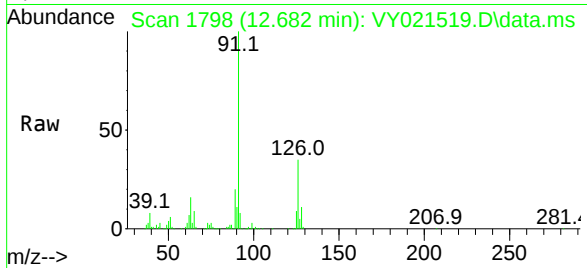




#79
2-Chlorotoluene
Concen: 20.992 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

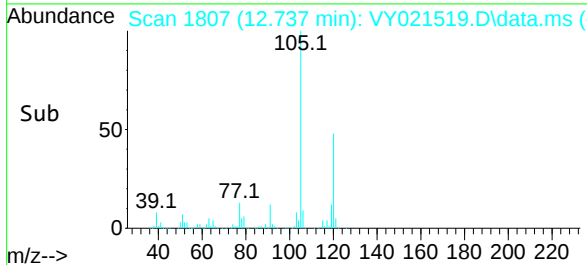
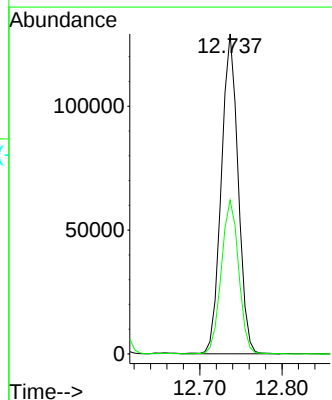
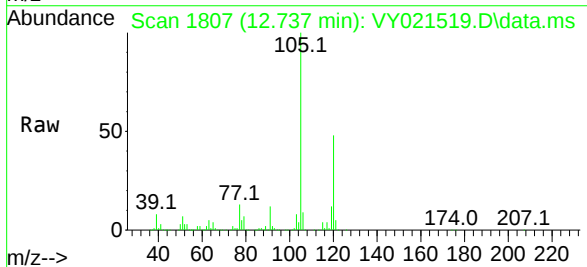
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBSD01

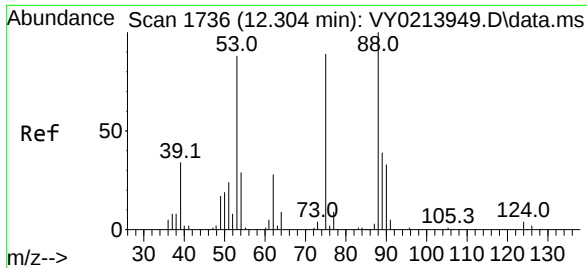
Tgt Ion: 91 Resp: 156999
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 20.973 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion: 105 Resp: 183562
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6

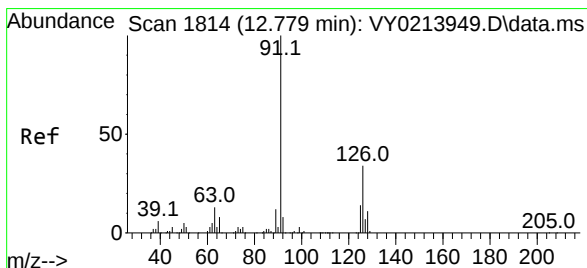
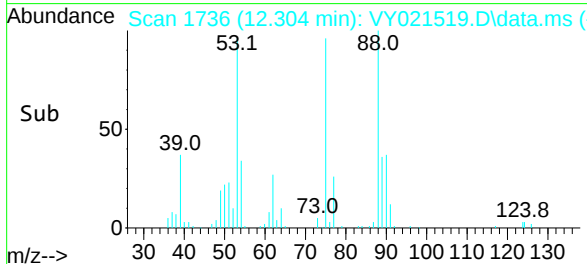
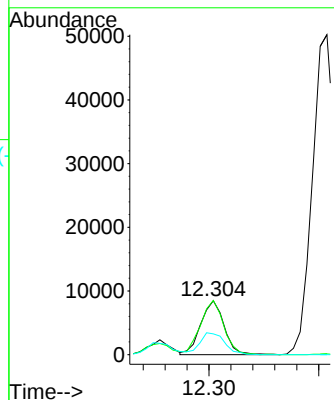
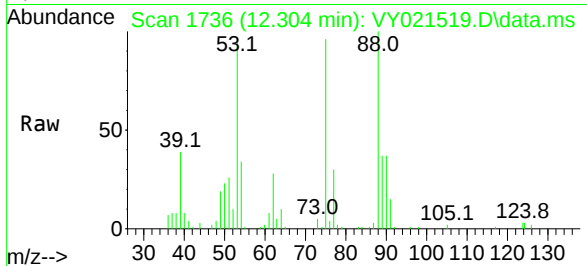




#81
trans-1,4-Dichloro-2-butene
Concen: 20.686 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

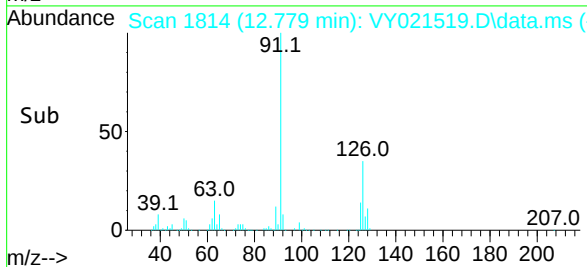
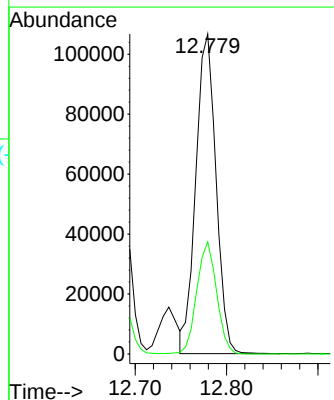
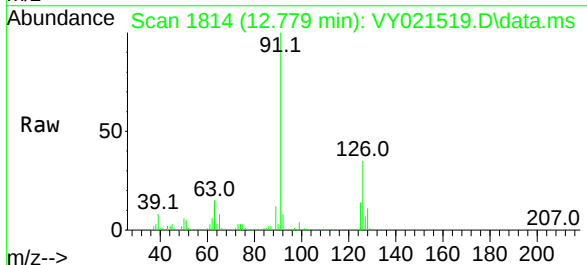
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBS01

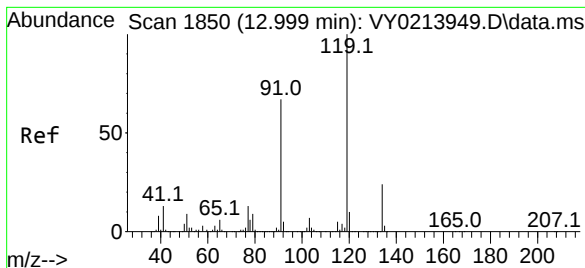
Tgt Ion:	75	Resp:	12537
Ion	Ratio	Lower	Upper
75	100		
53	98.7	81.0	121.4
89	42.7	36.9	55.3



#82
4-Chlorotoluene
Concen: 21.097 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021519.D
Acq: 13 Mar 2025 12:35

Tgt Ion:	91	Resp:	163390
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.0	51.0





#83

tert-Butylbenzene

Concen: 20.695 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

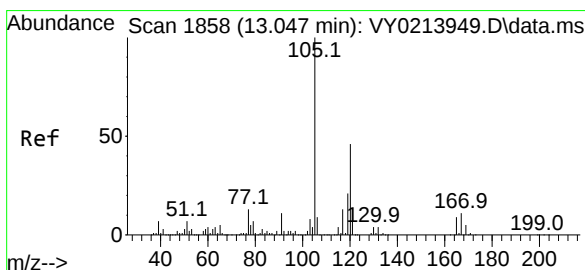
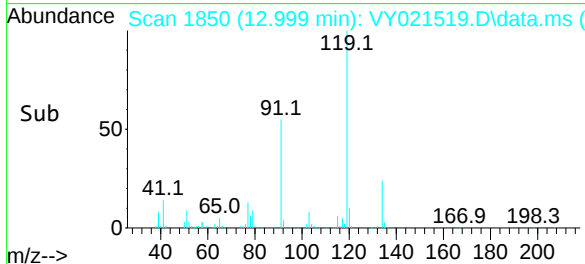
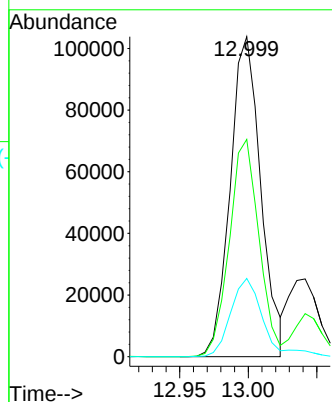
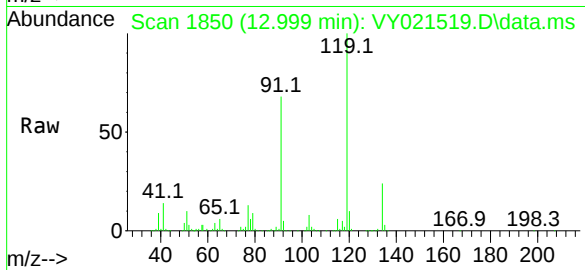
Tgt Ion:119 Resp: 161590

Ion Ratio Lower Upper

119 100

91 65.9 33.2 99.6

134 26.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 21.268 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021519.D

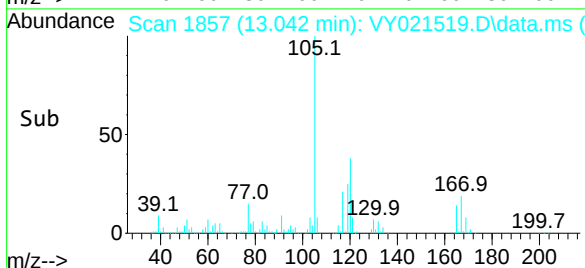
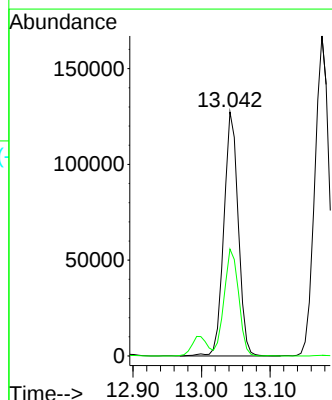
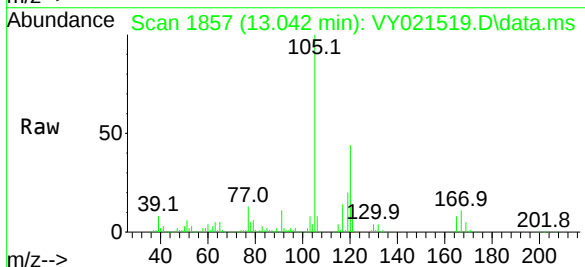
Acq: 13 Mar 2025 12:35

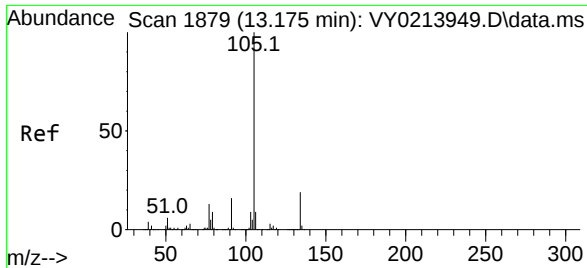
Tgt Ion:105 Resp: 184821

Ion Ratio Lower Upper

105 100

120 44.2 22.7 68.1

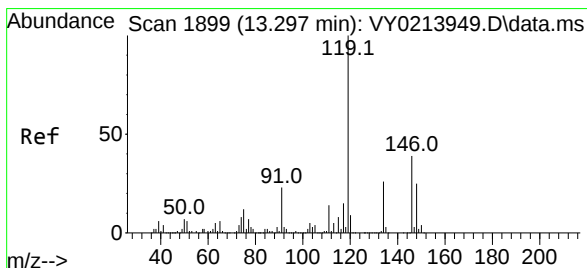
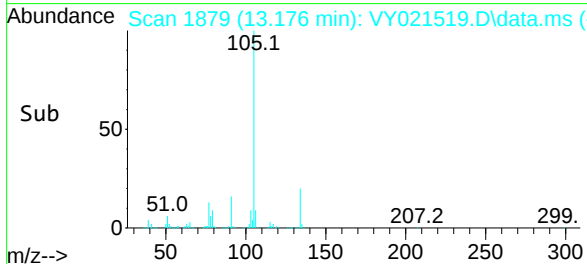
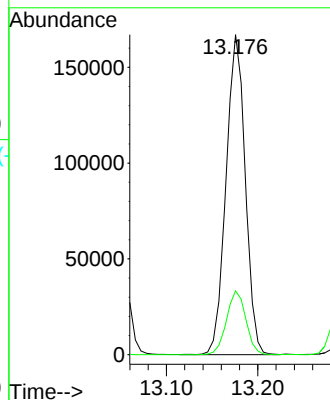
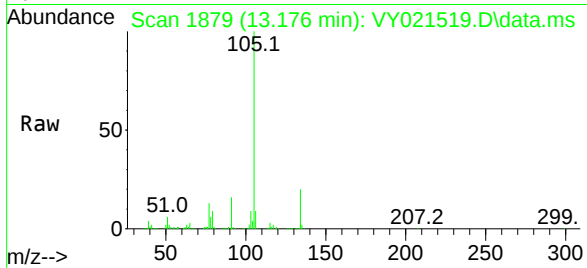




#85
 sec-Butylbenzene
 Concen: 21.012 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

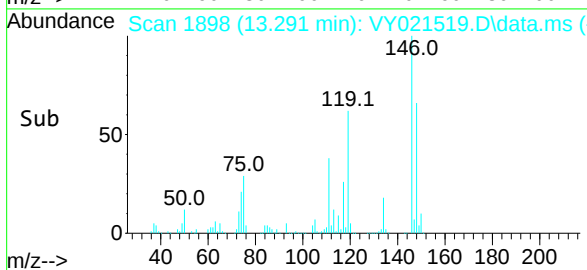
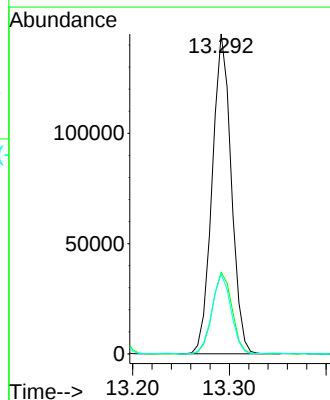
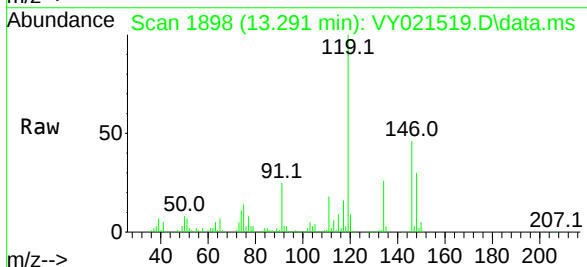
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBSD01

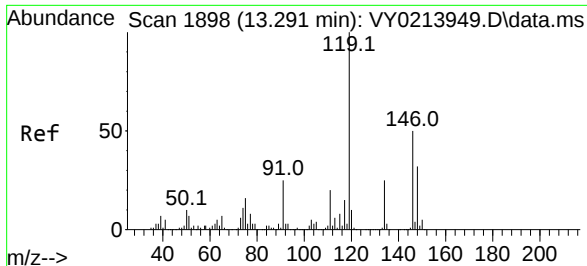
Tgt Ion:105 Resp: 244106
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.758 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion:119 Resp: 198668
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 25.1 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 21.293 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

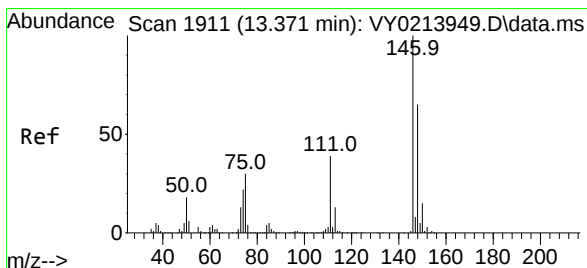
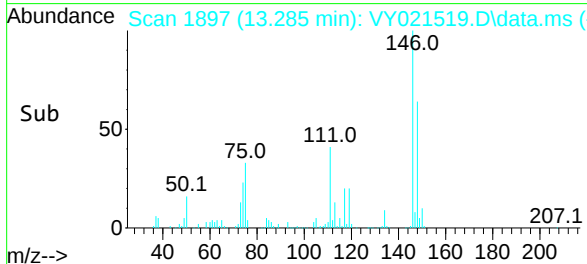
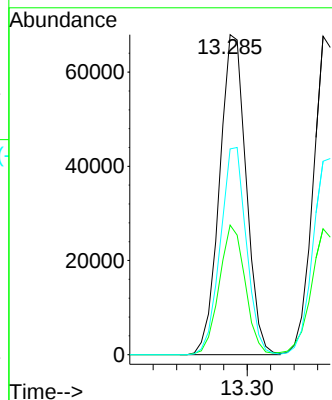
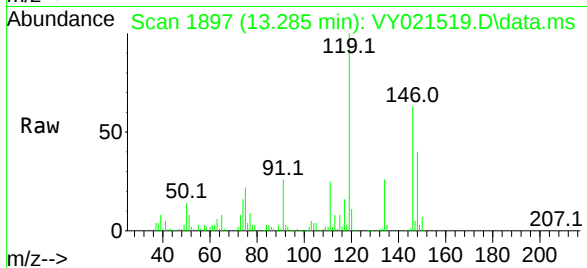
Tgt Ion:146 Resp: 106797

Ion Ratio Lower Upper

146 100

111 39.4 20.0 60.0

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.302 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

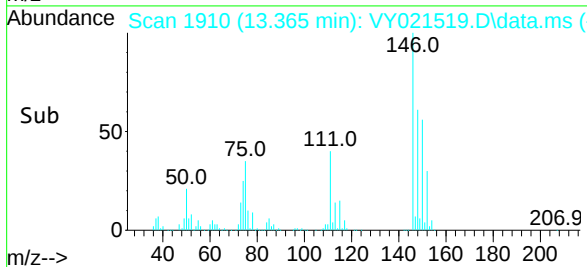
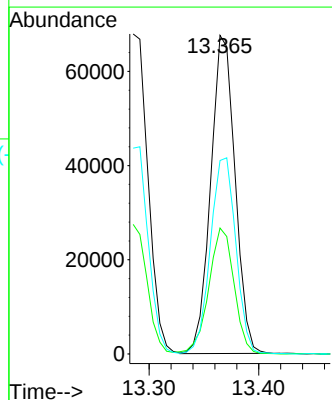
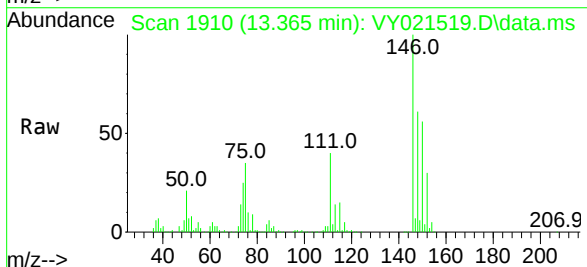
Tgt Ion:146 Resp: 104488

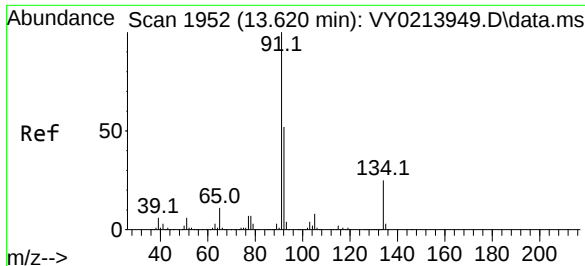
Ion Ratio Lower Upper

146 100

111 41.1 19.6 58.8

148 64.6 32.3 96.8





#89

n-Butylbenzene

Concen: 20.965 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

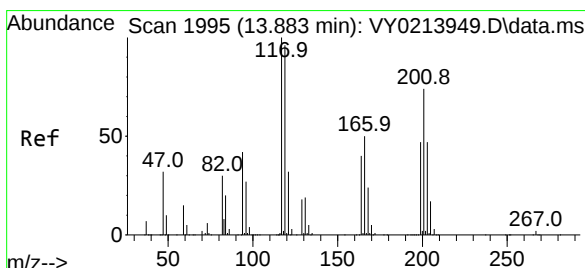
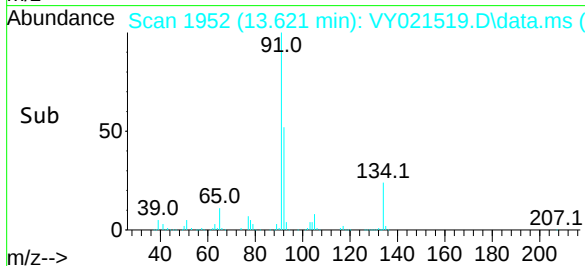
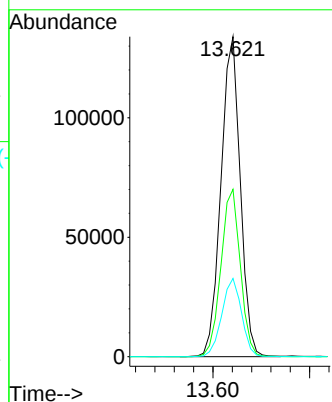
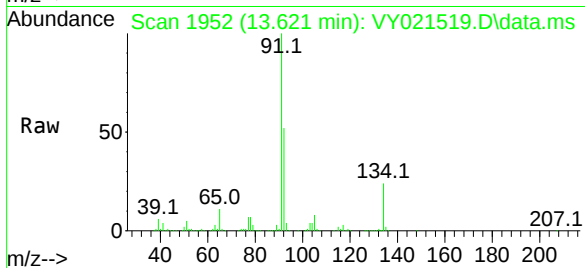
Tgt Ion: 91 Resp: 185284

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 21.224 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021519.D

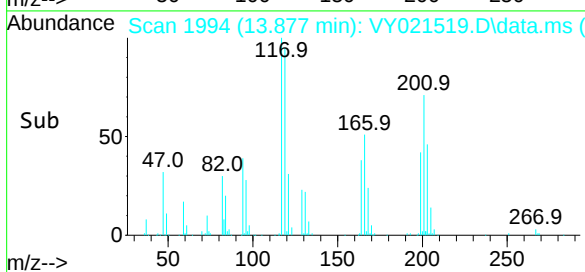
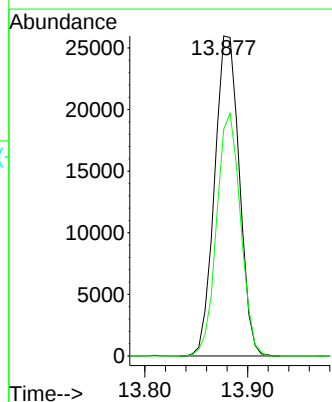
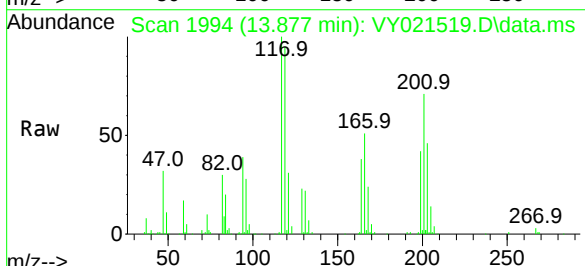
Acq: 13 Mar 2025 12:35

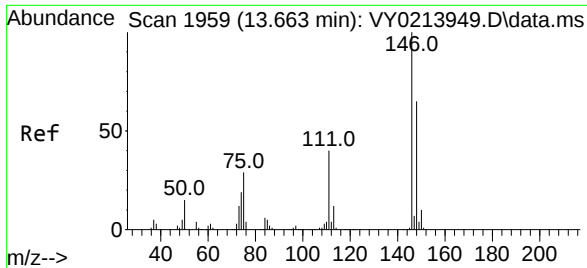
Tgt Ion: 117 Resp: 43334

Ion Ratio Lower Upper

117 100

201 73.4 37.4 112.2

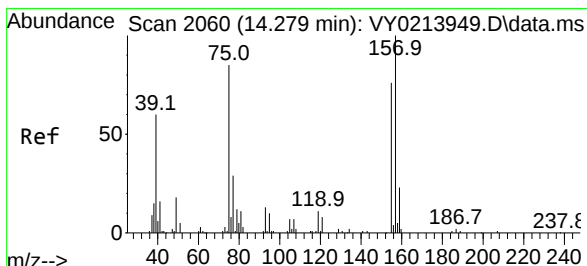
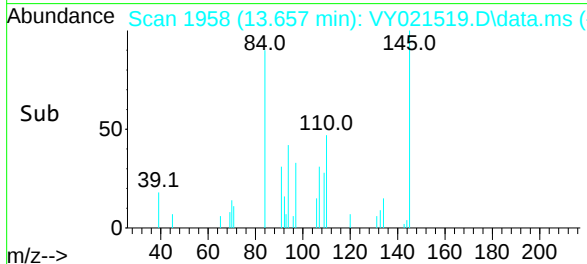
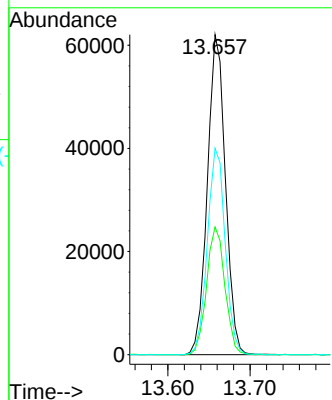
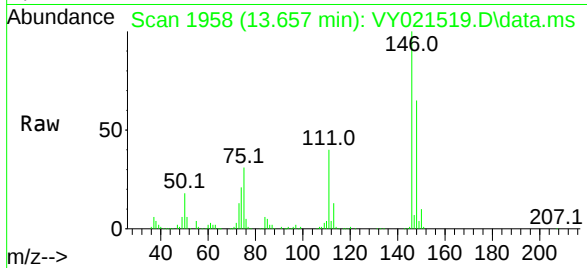




#91
 1,2-Dichlorobenzene
 Concen: 21.978 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

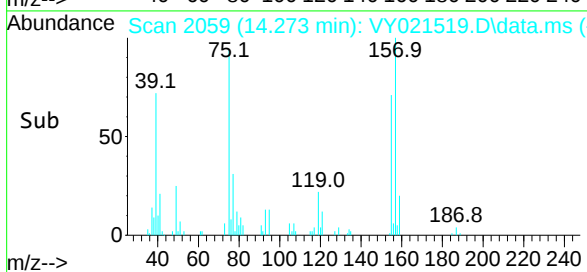
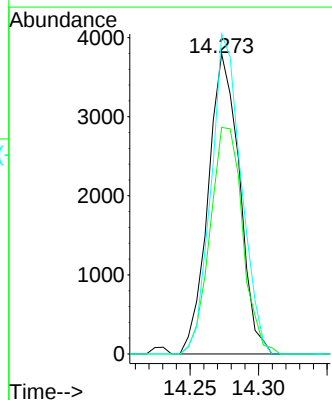
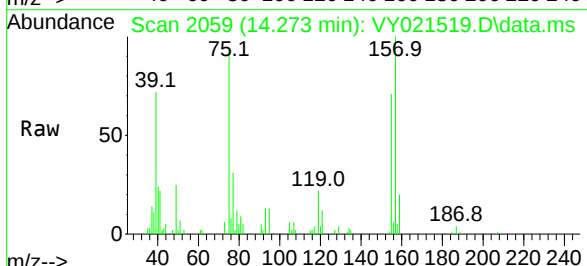
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313BSD01

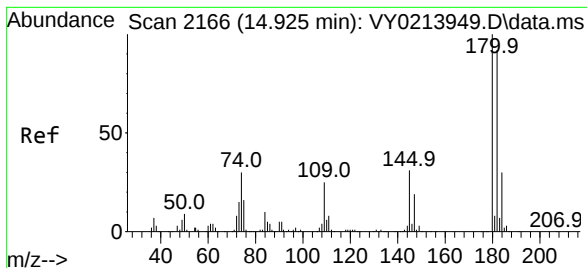
Tgt Ion:146 Resp: 94479
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.7 62.1
 148 64.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.110 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021519.D
 Acq: 13 Mar 2025 12:35

Tgt Ion: 75 Resp: 6010
 Ion Ratio Lower Upper
 75 100
 155 78.8 43.5 130.5
 157 102.5 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 21.569 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBSD01

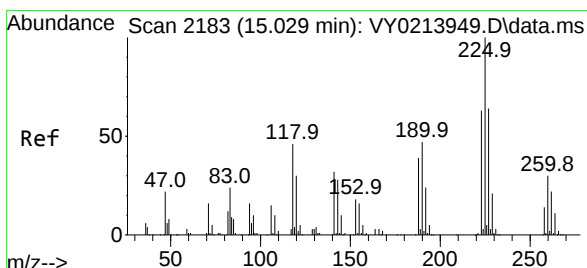
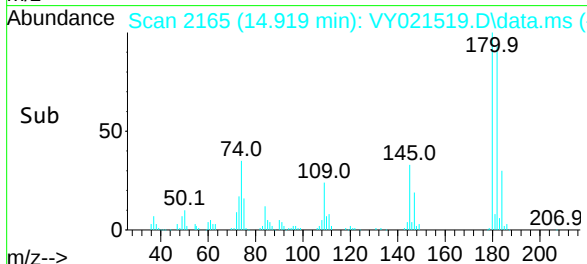
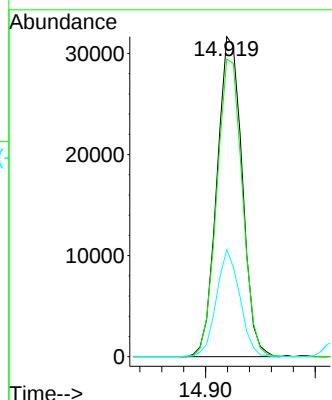
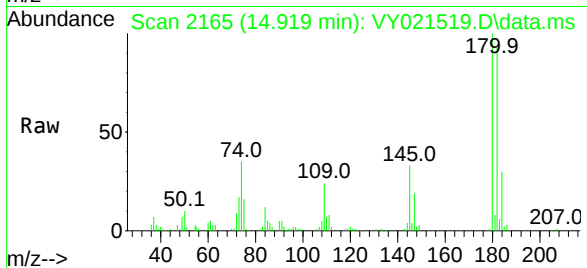
Tgt Ion:180 Resp: 50644

Ion Ratio Lower Upper

180 100

182 94.0 46.7 140.0

145 31.0 15.6 46.8



#94

Hexachlorobutadiene

Concen: 22.077 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

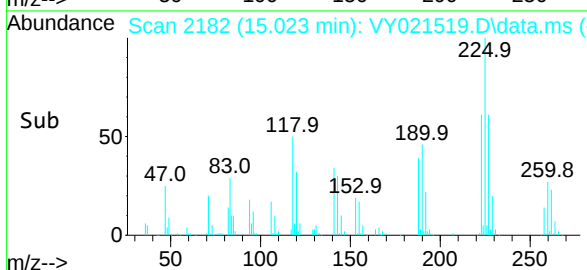
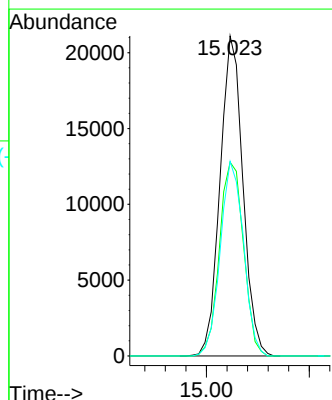
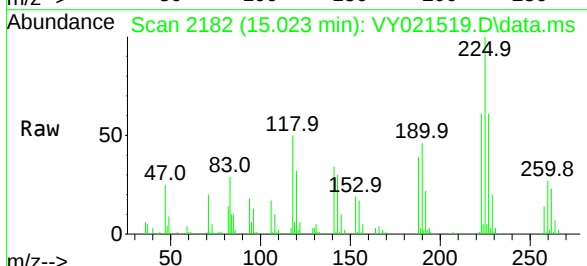
Tgt Ion:225 Resp: 32494

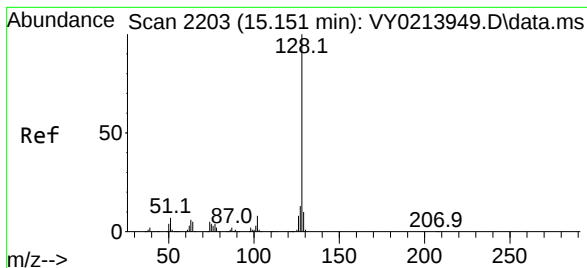
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.2

227 61.8 31.8 95.4





#95

Naphthalene

Concen: 21.881 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0313SBS01

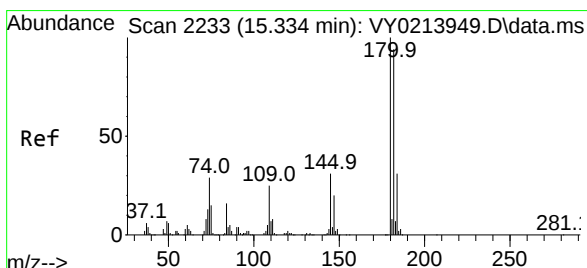
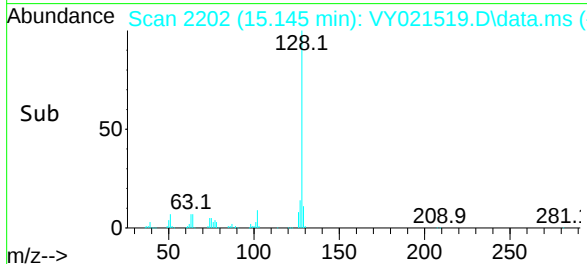
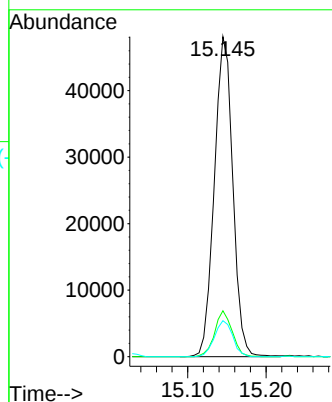
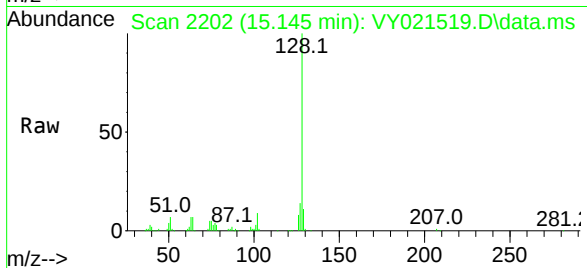
Tgt Ion:128 Resp: 78914

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.038 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021519.D

Acq: 13 Mar 2025 12:35

Tgt Ion:180 Resp: 41545

Ion Ratio Lower Upper

180 100

182 99.9 47.2 141.6

145 33.4 16.4 49.1

