

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021454.D
 Acq On : 07 Mar 2025 12:26
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Quant Time: Mar 07 22:00:22 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	227736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	357822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	159031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120392	50.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.634	113	115248	49.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.000%	
50) Toluene-d8	10.109	98	434769	48.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	12.408	95	147234	48.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36055	17.252	ug/l	100
3) Chloromethane	2.068	50	52179	17.709	ug/l	98
4) Vinyl Chloride	2.202	62	59224	18.393	ug/l	99
5) Bromomethane	2.592	94	41087	17.656	ug/l	95
6) Chloroethane	2.733	64	40356	18.966	ug/l	94
7) Trichlorofluoromethane	3.056	101	80189	17.843	ug/l	97
8) Diethyl Ether	3.452	74	21004	16.864	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	44556	17.365	ug/l	99
10) Methyl Iodide	4.007	142	43812	16.797	ug/l	98
11) Tert butyl alcohol	4.866	59	15449	83.729	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	40327	17.239	ug/l	97
13) Acrolein	3.653	56	17176	140.292	ug/l	92
14) Allyl chloride	4.385	41	64835	17.150	ug/l	100
15) Acrylonitrile	5.061	53	44179	83.328	ug/l	100
16) Acetone	3.866	43	47130	89.772	ug/l	92
17) Carbon Disulfide	4.104	76	122324	16.685	ug/l	99
18) Methyl Acetate	4.385	43	20631	17.711	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	97239	16.400	ug/l	99
20) Methylene Chloride	4.616	84	46738	16.960	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	44024	16.804	ug/l	97
22) Diisopropyl ether	6.019	45	141748	17.398	ug/l	99
23) Vinyl Acetate	5.964	43	389672	83.805	ug/l	100
24) 1,1-Dichloroethane	5.915	63	81730	16.997	ug/l	99
25) 2-Butanone	6.890	43	63328	87.201	ug/l	98
26) 2,2-Dichloropropane	6.884	77	74684	16.880	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	49488	16.628	ug/l	99
28) Bromochloromethane	7.244	49	39440	19.564	ug/l	96
29) Tetrahydrofuran	7.262	42	36967	82.454	ug/l	99
30) Chloroform	7.421	83	85710	17.165	ug/l	96
31) Cyclohexane	7.701	56	73363	16.274	ug/l #	92
32) 1,1,1-Trichloroethane	7.616	97	78541	17.179	ug/l	99
36) 1,1-Dichloropropene	7.835	75	60483	16.428	ug/l	99
37) Ethyl Acetate	6.988	43	26400	16.224	ug/l	99
38) Carbon Tetrachloride	7.817	117	71323	16.845	ug/l	99
39) Methylcyclohexane	9.109	83	72713	16.101	ug/l	96
40) Benzene	8.079	78	185637	17.117	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	37235	42.024	ug/l #	35
42) 1,2-Dichloroethane	8.152	62	51760	17.060	ug/l	100
43) Isopropyl Acetate	8.195	43	52289	16.553	ug/l #	86
44) Trichloroethene	8.866	130	45614	16.644	ug/l	95
45) 1,2-Dichloropropane	9.140	63	44706	17.320	ug/l	94
46) Dibromomethane	9.231	93	24851	17.303	ug/l	96
47) Bromodichloromethane	9.420	83	64857	17.005	ug/l	100
48) Methyl methacrylate	9.219	41	24550	16.925	ug/l	98
49) 1,4-Dioxane	9.225	88	4956	351.570	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	135192	82.946	ug/l	99
52) Toluene	10.170	92	114595	16.760	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	55532	16.526	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	65591	16.441	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31669	16.857	ug/l	97
56) Ethyl methacrylate	10.438	69	38139	15.918	ug/l	98
57) 1,3-Dichloropropane	10.713	76	54287	16.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	93888	84.886	ug/l	100
59) 2-Hexanone	10.762	43	90261	83.752	ug/l	98
60) Dibromochloromethane	10.908	129	44101	17.123	ug/l	96
61) 1,2-Dibromoethane	11.012	107	29477	16.625	ug/l	97
64) Tetrachloroethene	10.646	164	43488	17.070	ug/l	96
65) Chlorobenzene	11.444	112	123259	16.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43834	16.758	ug/l	100
67) Ethyl Benzene	11.518	91	214090	16.487	ug/l	97
68) m/p-Xylenes	11.627	106	163263	33.117	ug/l	99
69) o-Xylene	11.956	106	76643	16.868	ug/l	96
70) Styrene	11.969	104	125968	16.712	ug/l	98
71) Bromoform	12.133	173	24164	16.526	ug/l #	96
73) Isopropylbenzene	12.255	105	203587	16.251	ug/l	99
74) N-amyl acetate	12.072	43	42591	15.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	35913	16.246	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	47438	29.602	ug/l #	100
77) Bromobenzene	12.536	156	47166	16.094	ug/l	99
78) n-propylbenzene	12.597	91	253605	16.669	ug/l	99
79) 2-Chlorotoluene	12.682	91	144424	16.602	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	169142	16.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11332	16.075	ug/l	98
82) 4-Chlorotoluene	12.779	91	151619	16.831	ug/l	98
83) tert-Butylbenzene	12.999	119	149151	16.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	168017	16.622	ug/l	98
85) sec-Butylbenzene	13.176	105	224292	16.599	ug/l	100
86) p-Isopropyltoluene	13.292	119	182186	16.366	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	95327	16.340	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	94797	16.615	ug/l	98
89) n-Butylbenzene	13.621	91	169086	16.449	ug/l	100
90) Hexachloroethane	13.883	117	39905	16.803	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	83549	16.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5551	16.763	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	44445	16.274	ug/l	98
94) Hexachlorobutadiene	15.023	225	29045	16.966	ug/l	100
95) Naphthalene	15.145	128	67256	16.586	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	37629	16.382	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0307SBSD01

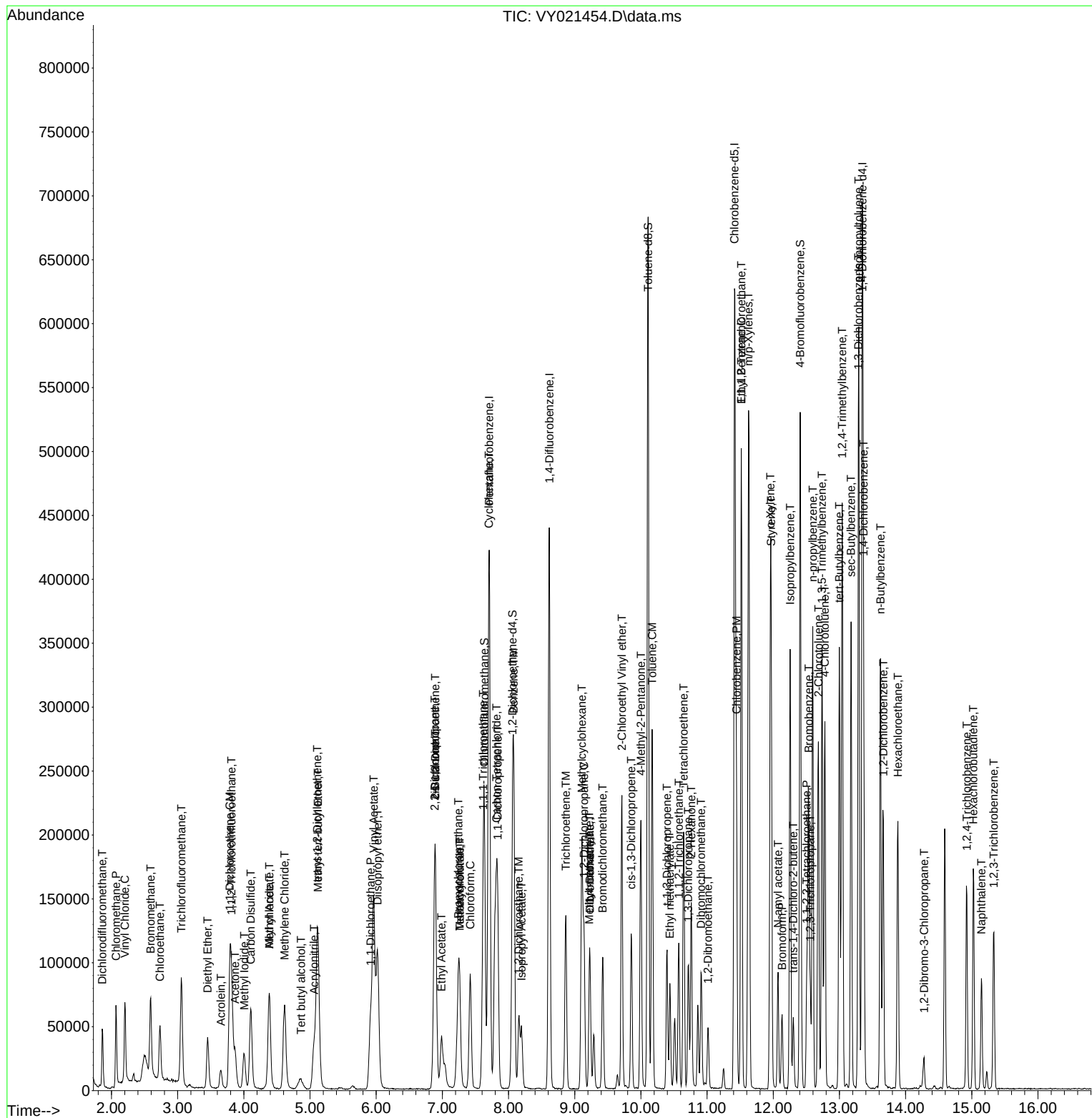
Quant Time: Mar 07 22:00:22 2025
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

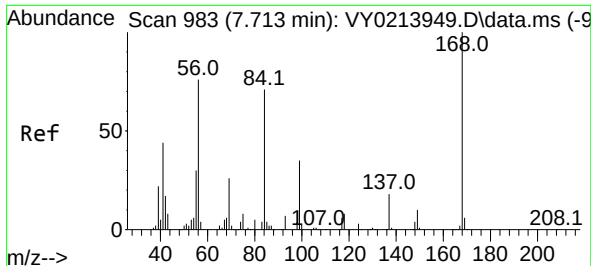
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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QLast Update : Wed Mar 05 12:42:45 2025
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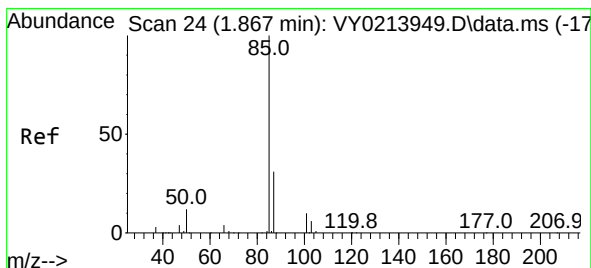
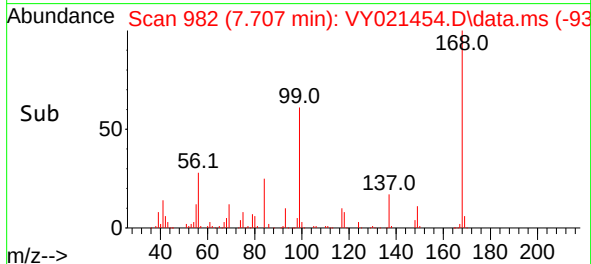
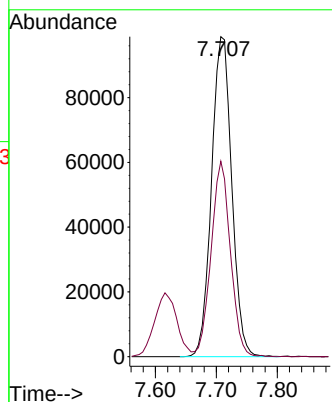
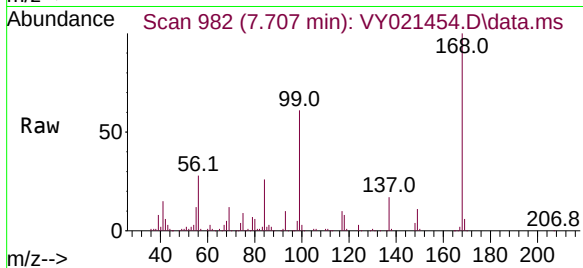




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021454.D
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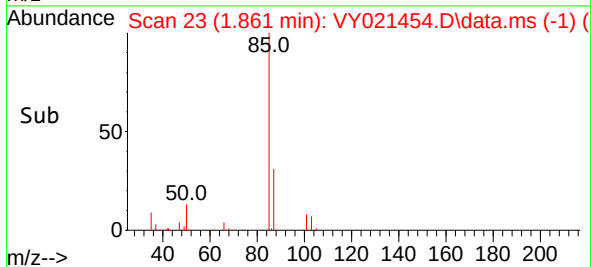
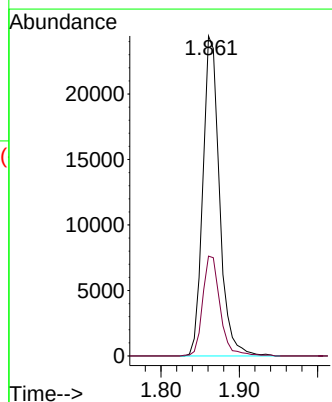
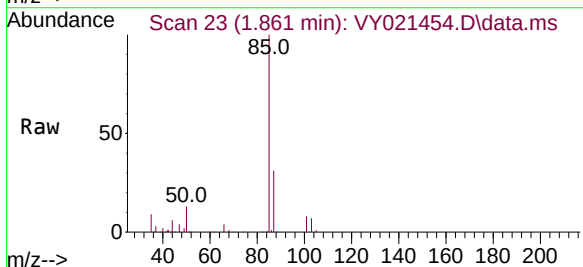
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

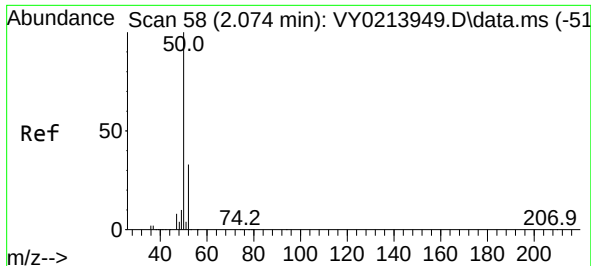
Tgt Ion:168 Resp: 227736
Ion Ratio Lower Upper
168 100
99 61.0 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 17.252 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 85 Resp: 36055
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

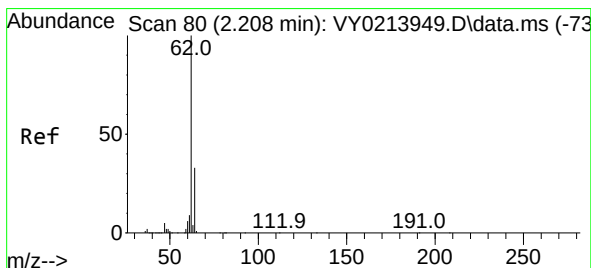
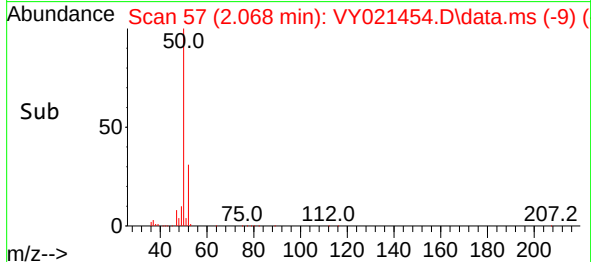
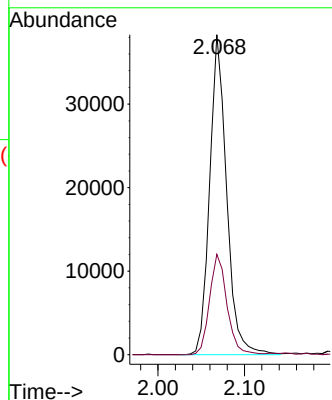
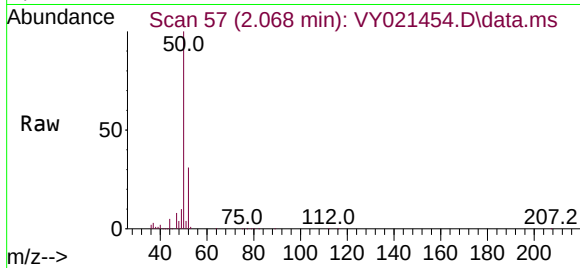




#3
Chloromethane
Concen: 17.709 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

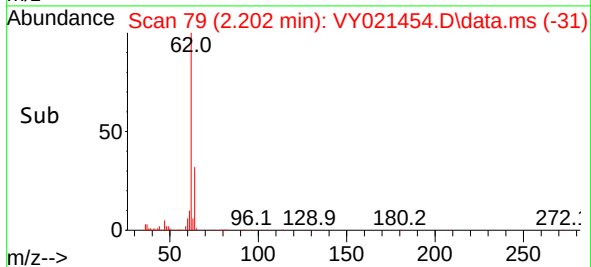
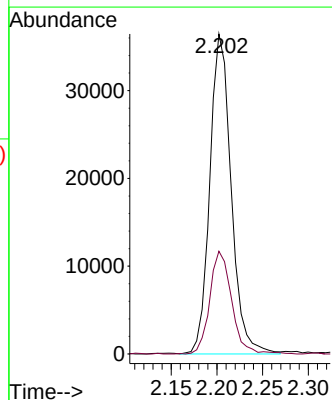
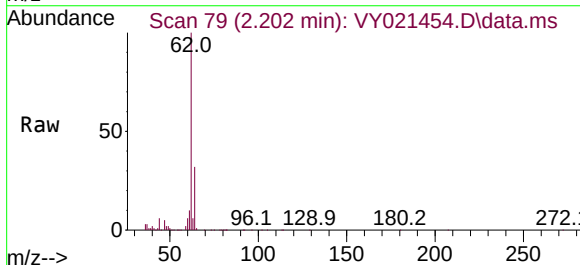
Instrument :
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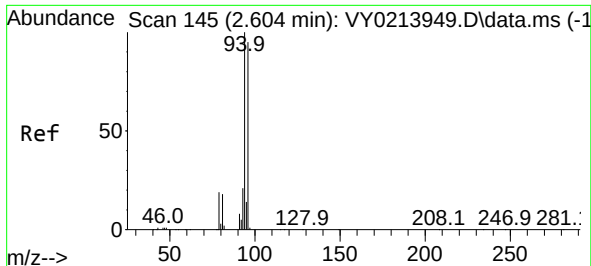
Tgt Ion: 50 Resp: 52179
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#4
Vinyl Chloride
Concen: 18.393 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 62 Resp: 59224
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

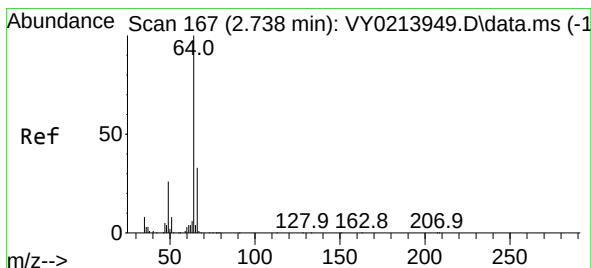
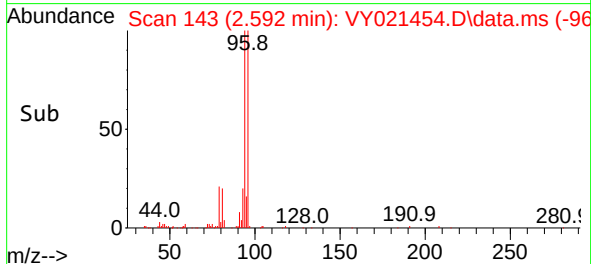
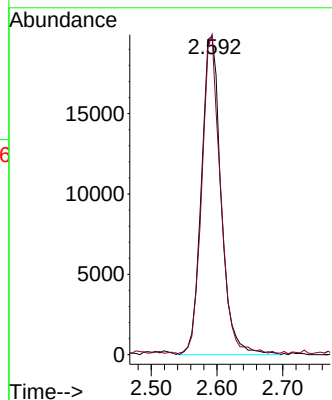
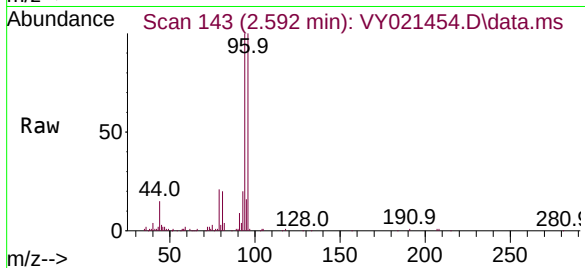




#5
Bromomethane
Concen: 17.656 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

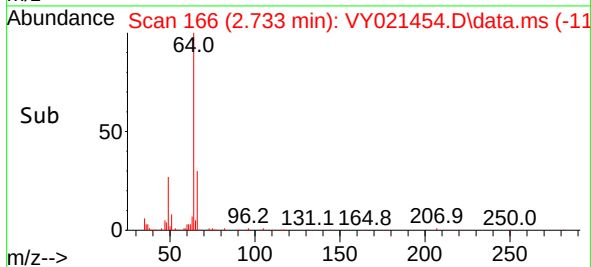
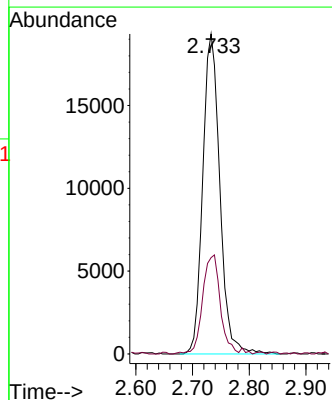
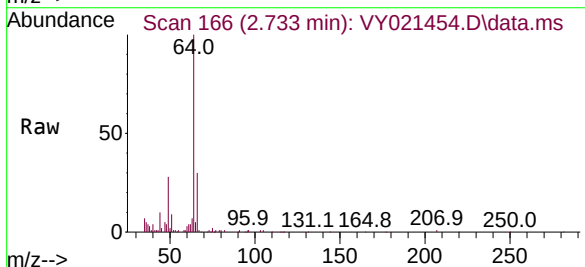
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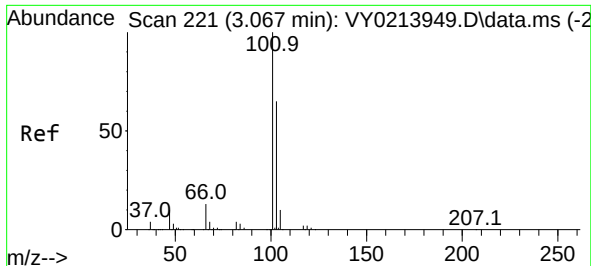
Tgt Ion: 94 Resp: 41087
Ion Ratio Lower Upper
94 100
96 99.9 76.3 114.5



#6
Chloroethane
Concen: 18.966 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 64 Resp: 40356
Ion Ratio Lower Upper
64 100
66 30.1 26.7 40.1

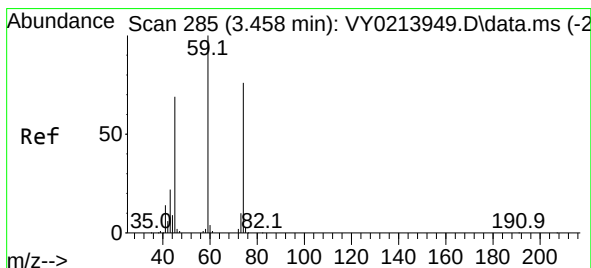
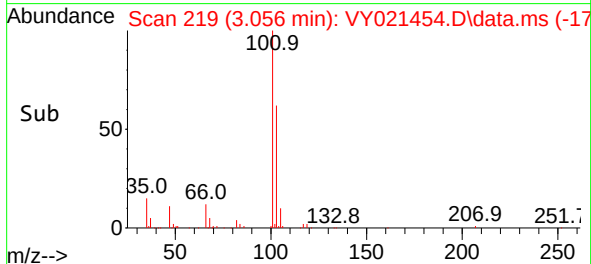
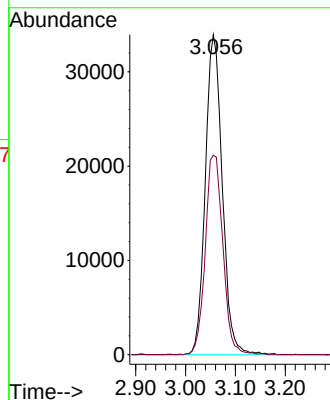
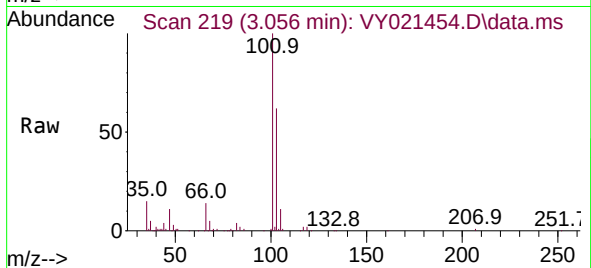




#7
Trichlorofluoromethane
Concen: 17.843 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

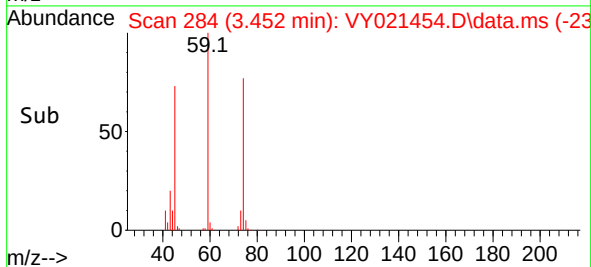
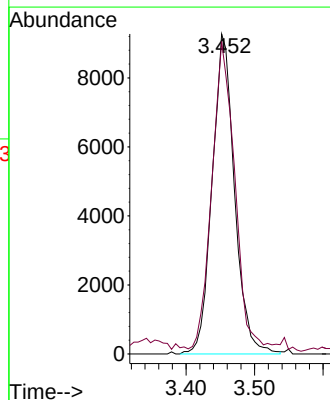
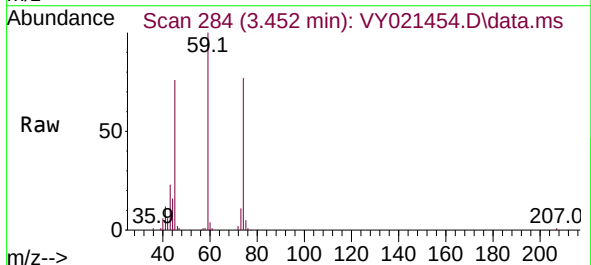
Instrument :
MSVOA_Y
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VY0307SBSD01

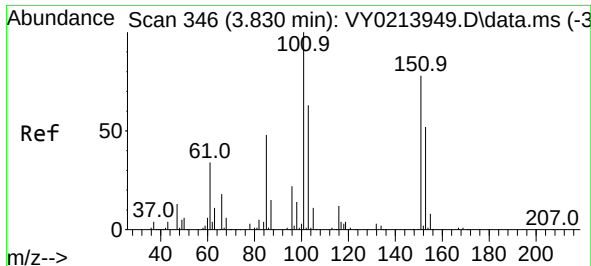
Tgt Ion:101 Resp: 80189
Ion Ratio Lower Upper
101 100
103 62.3 51.7 77.5



#8
Diethyl Ether
Concen: 16.864 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 74 Resp: 21004
Ion Ratio Lower Upper
74 100
45 99.4 49.7 149.1

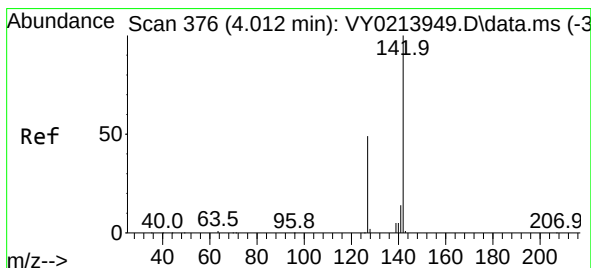
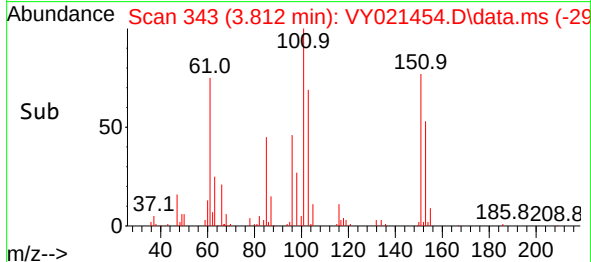
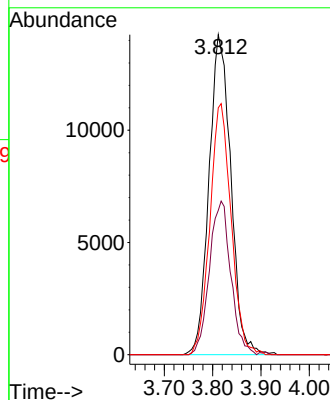
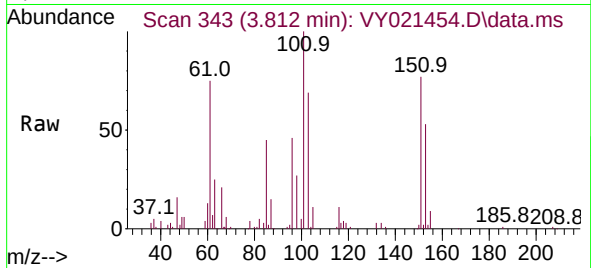




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.365 ug/l
RT: 3.812 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

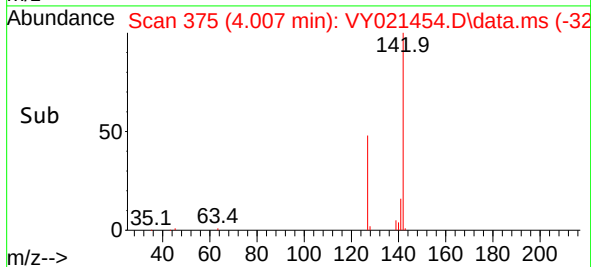
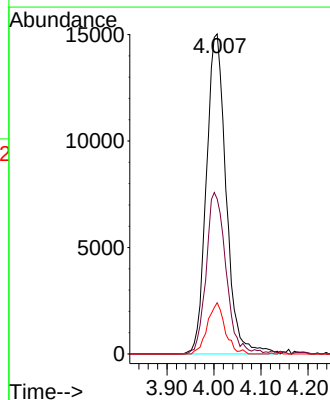
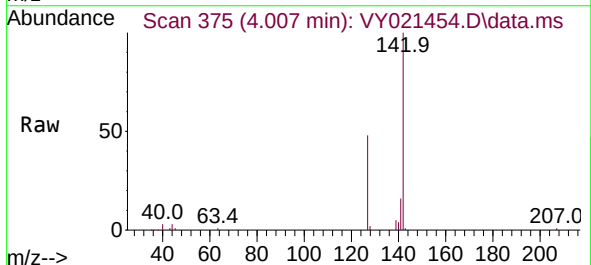
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

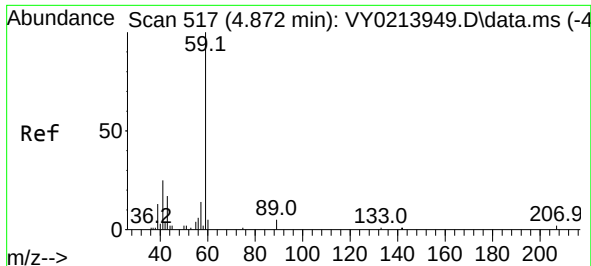
Tgt Ion:101 Resp: 44556
Ion Ratio Lower Upper
101 100
85 47.0 37.1 55.7
151 76.5 62.1 93.1



#10
Methyl Iodide
Concen: 16.797 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:142 Resp: 43812
Ion Ratio Lower Upper
142 100
127 50.2 39.1 58.7
141 14.4 11.8 17.6

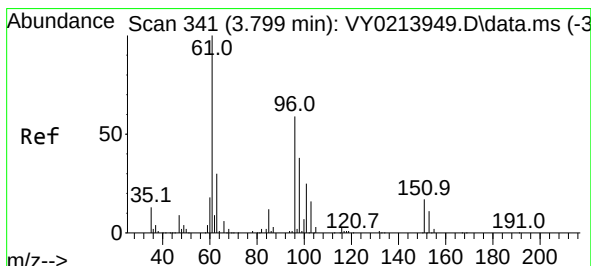
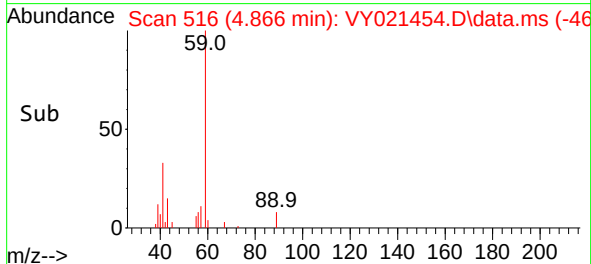
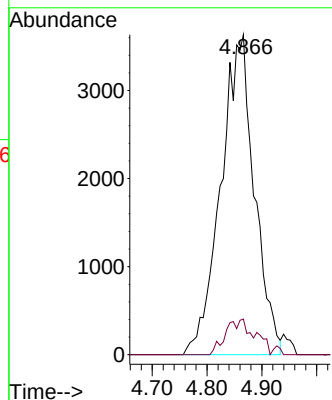
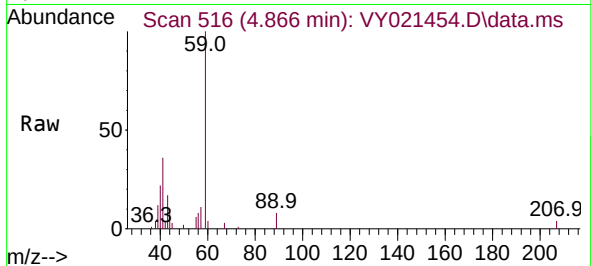




#11
Tert butyl alcohol
Concen: 83.729 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

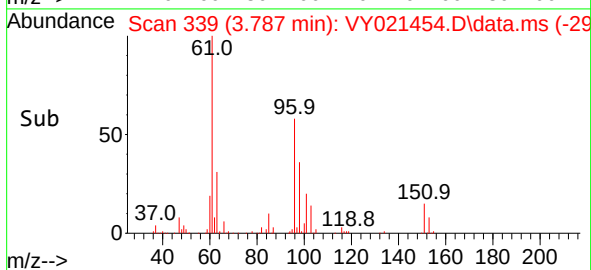
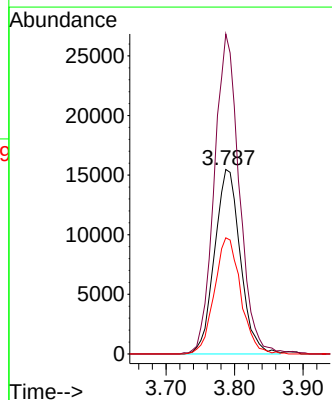
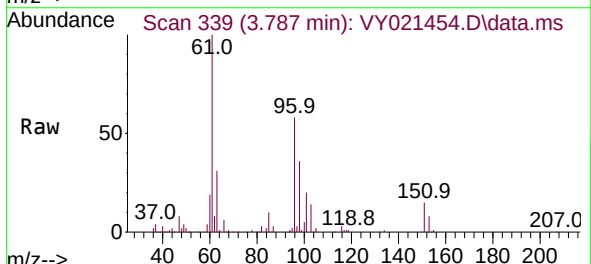
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

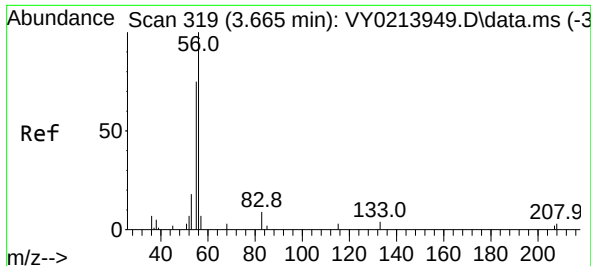
Tgt Ion: 59 Resp: 15449
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.239 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 96 Resp: 40327
Ion Ratio Lower Upper
96 100
61 173.4 135.2 202.8
98 63.0 51.4 77.2

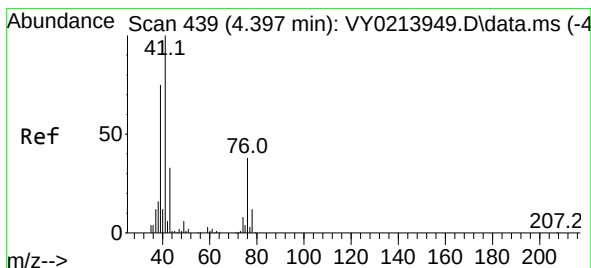
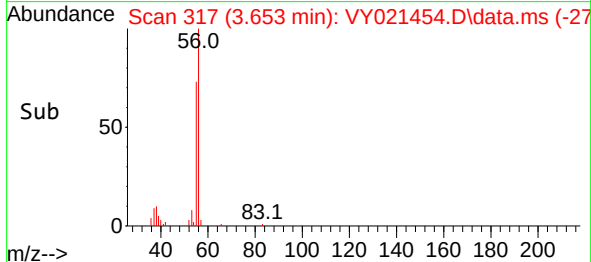
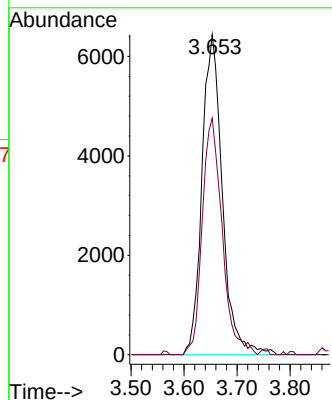
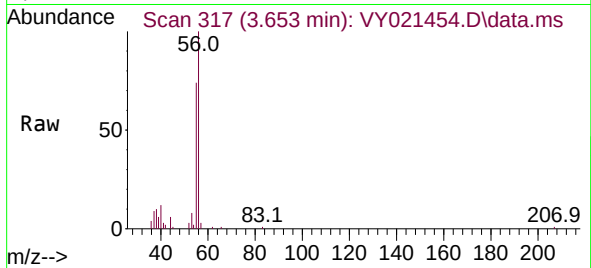




#13
Acrolein
Concen: 140.292 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

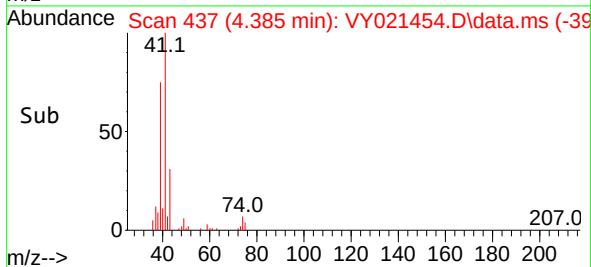
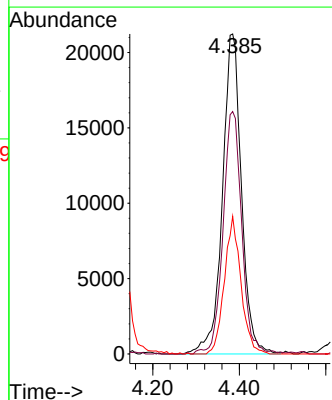
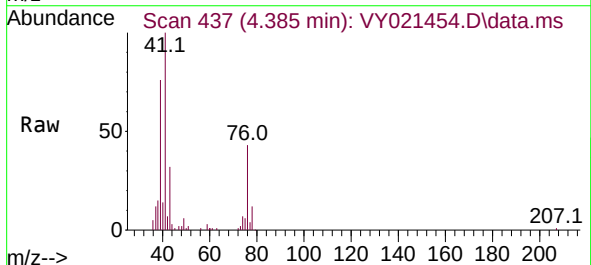
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

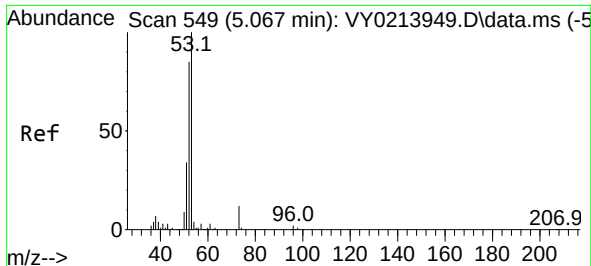
Tgt Ion: 56 Resp: 17176
Ion Ratio Lower Upper
56 100
55 72.3 63.4 95.2



#14
Allyl chloride
Concen: 17.150 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 41 Resp: 64835
Ion Ratio Lower Upper
41 100
39 74.6 59.3 88.9
76 37.5 29.8 44.8

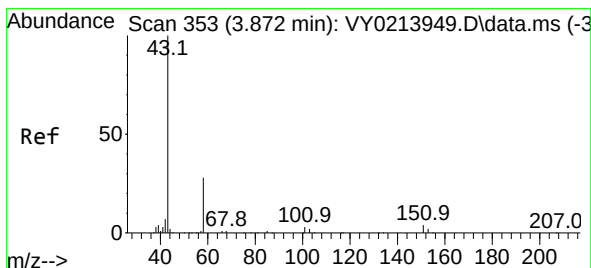
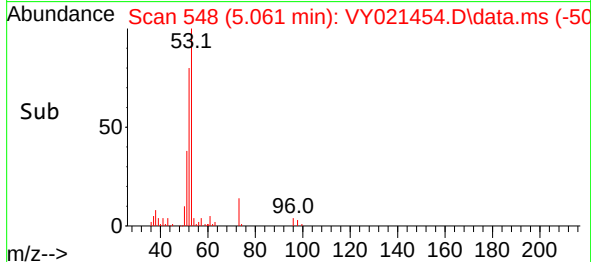
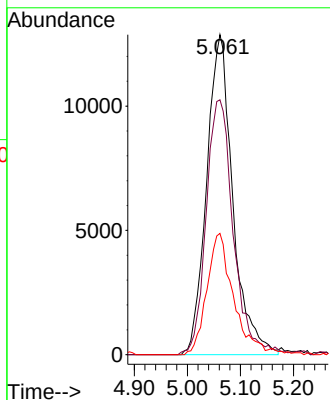
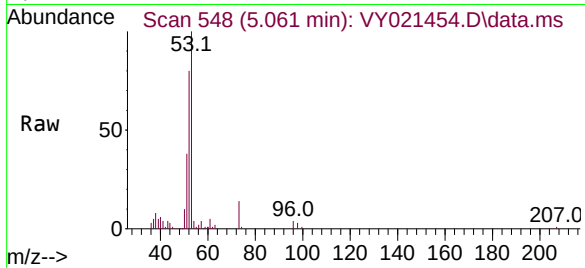




#15
Acrylonitrile
Concen: 83.328 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

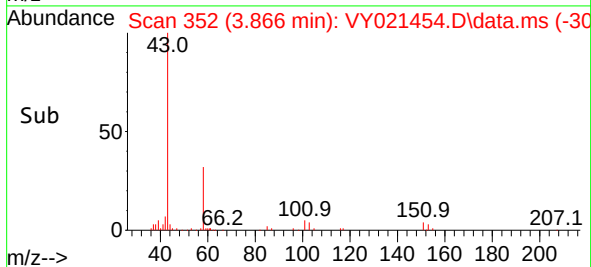
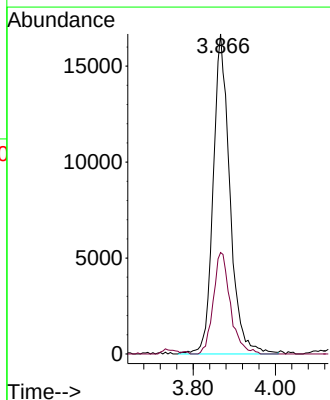
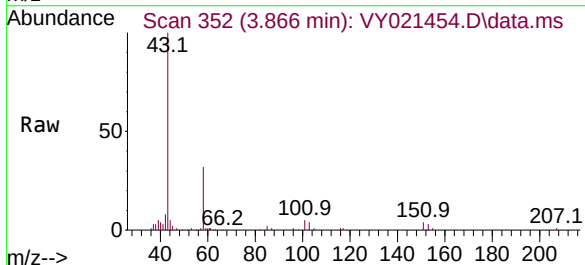
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

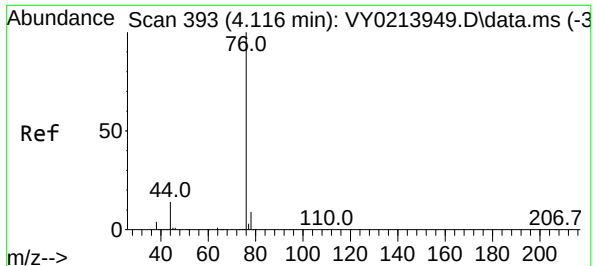
Tgt Ion: 53	Resp: 44179
Ion Ratio	Lower Upper
53 100	
52 82.5	66.3 99.5
51 38.1	30.3 45.5



#16
Acetone
Concen: 89.772 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 43	Resp: 47130
Ion Ratio	Lower Upper
43 100	
58 31.7	22.1 33.1

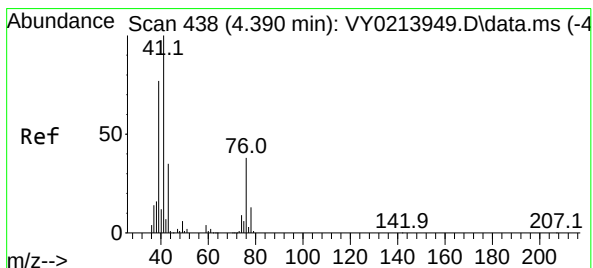
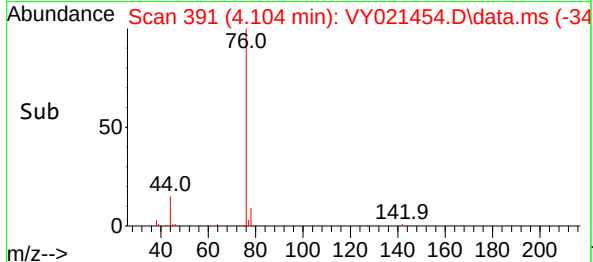
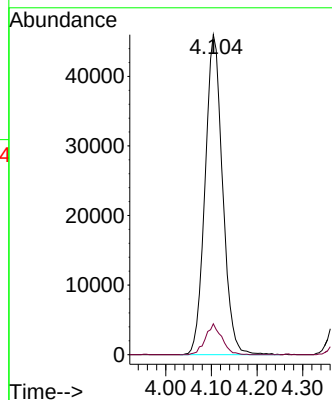
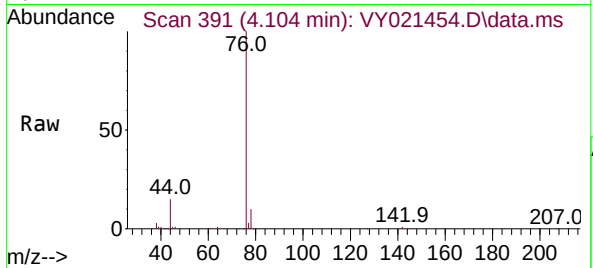




#17
Carbon Disulfide
Concen: 16.685 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

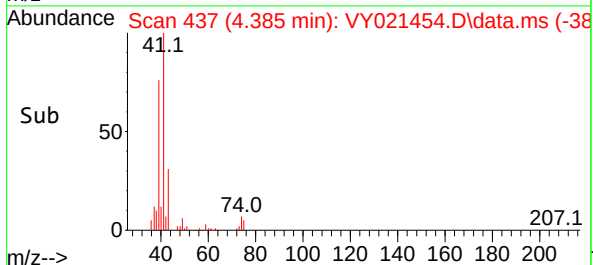
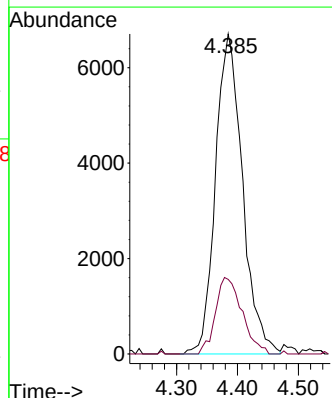
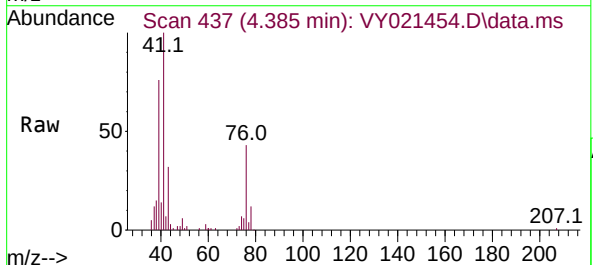
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

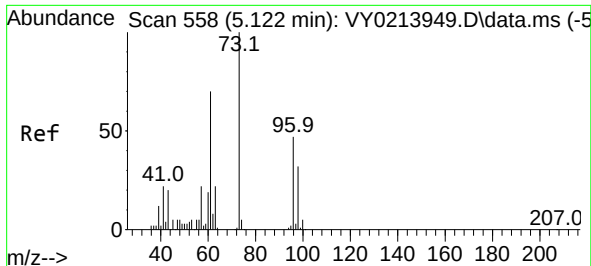
Tgt Ion: 76 Resp: 122324
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 17.711 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 43 Resp: 20631
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.0

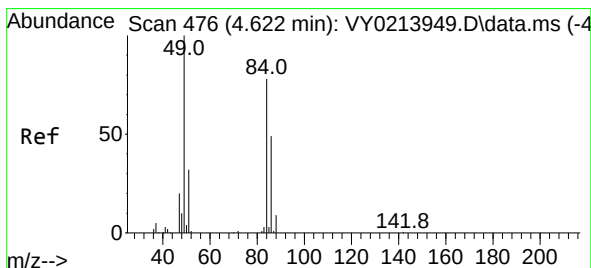
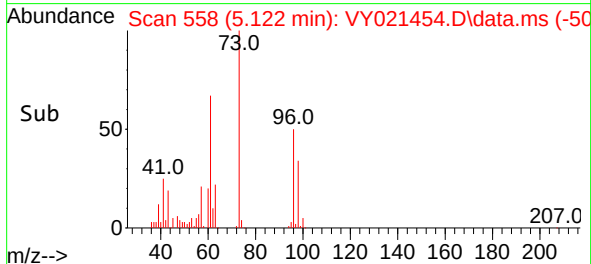
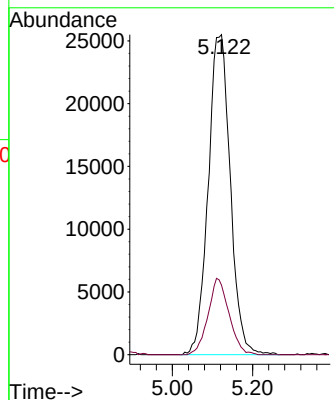
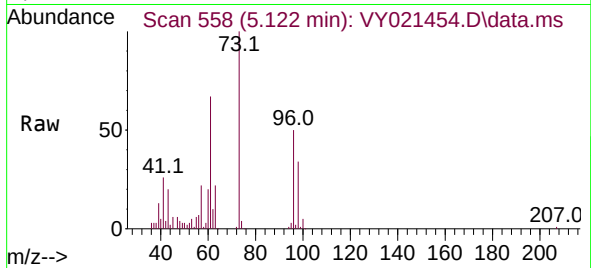




#19
Methyl tert-butyl Ether
Concen: 16.400 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

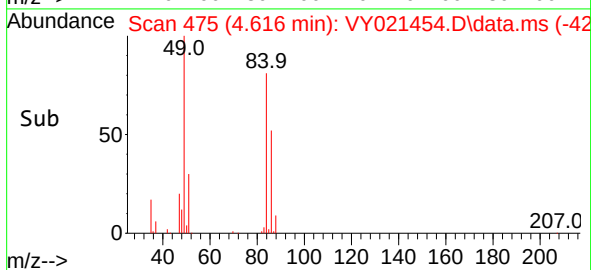
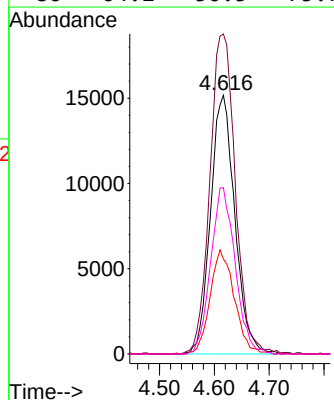
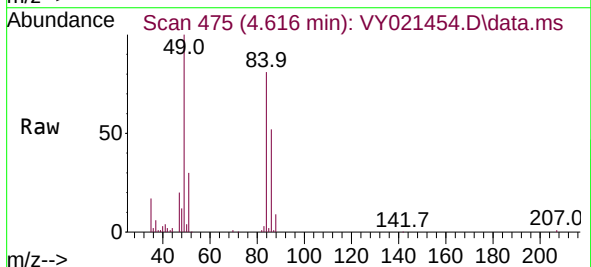
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

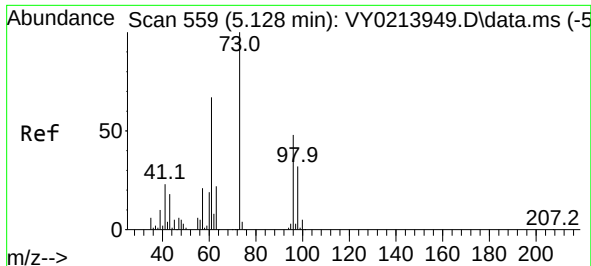
Tgt Ion: 73 Resp: 97239
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 16.960 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 84 Resp: 46738
Ion Ratio Lower Upper
84 100
49 123.7 102.0 153.0
51 36.8 33.0 49.6
86 64.2 50.5 75.7

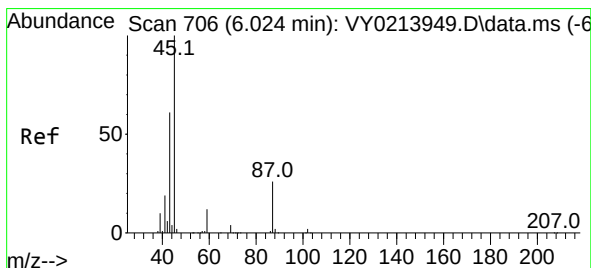
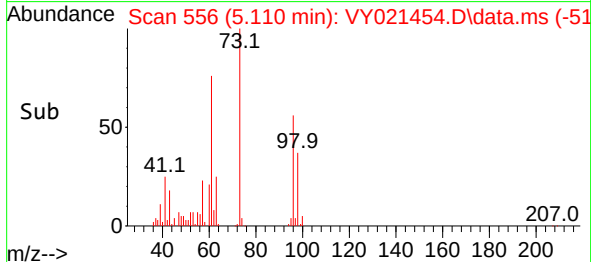
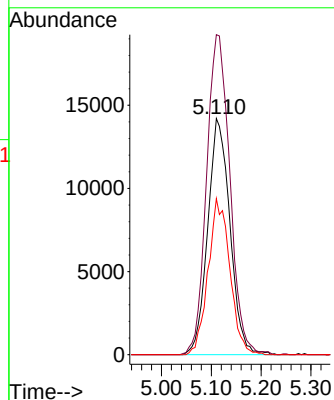
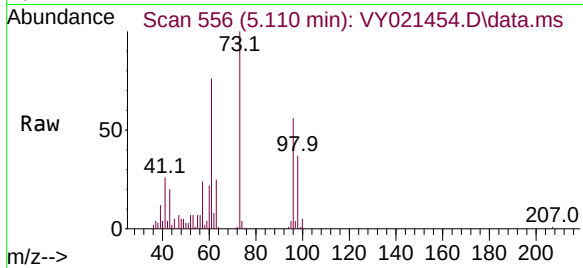




#21
trans-1,2-Dichloroethene
Concen: 16.804 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

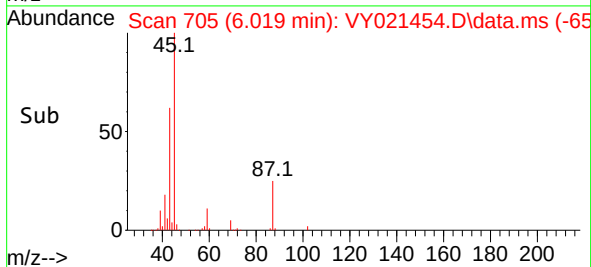
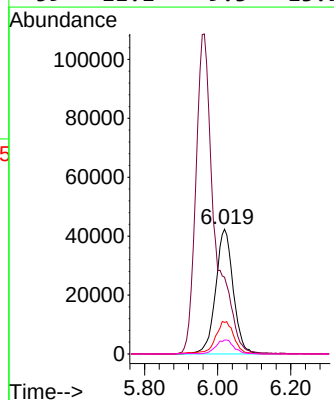
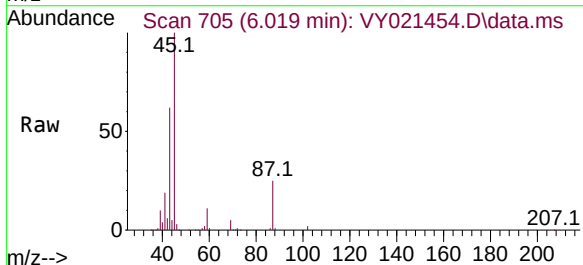
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

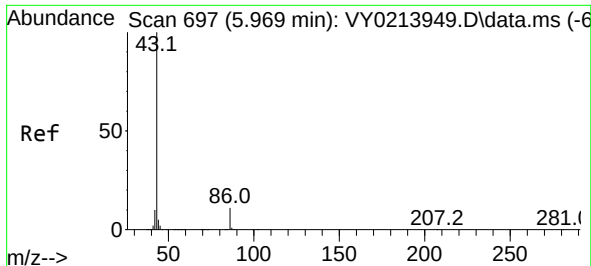
Tgt Ion: 96 Resp: 44024
Ion Ratio Lower Upper
96 100
61 135.5 111.5 167.3
98 66.0 53.8 80.8



#22
Diisopropyl ether
Concen: 17.398 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 45 Resp: 141748
Ion Ratio Lower Upper
45 100
43 60.9 48.7 73.1
87 25.3 21.5 32.3
59 11.1 9.3 13.9

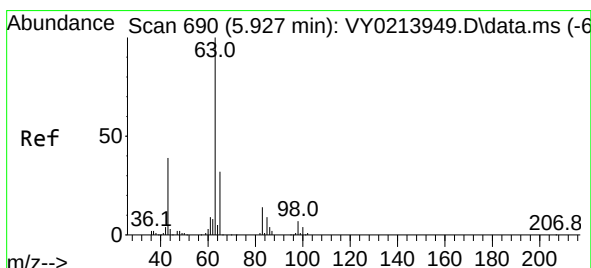
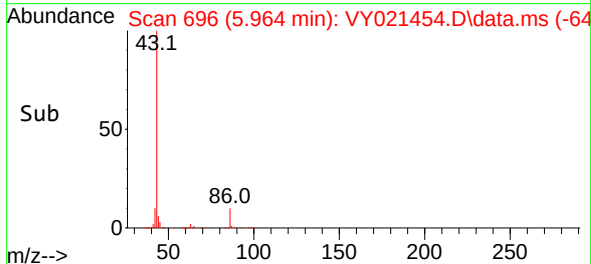
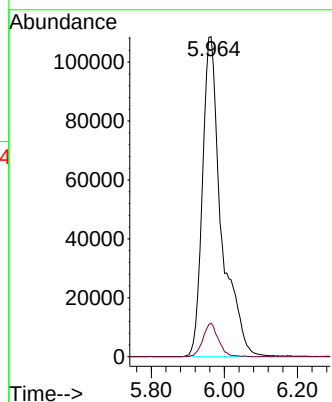
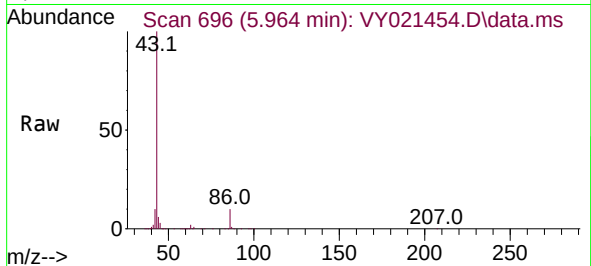




#23
 Vinyl Acetate
 Concen: 83.805 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

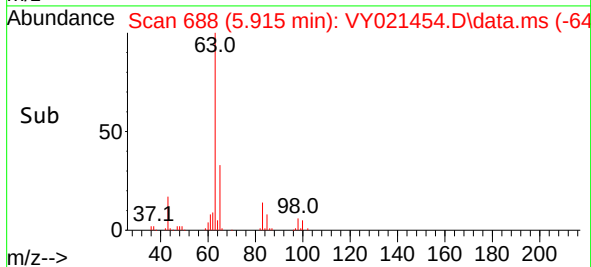
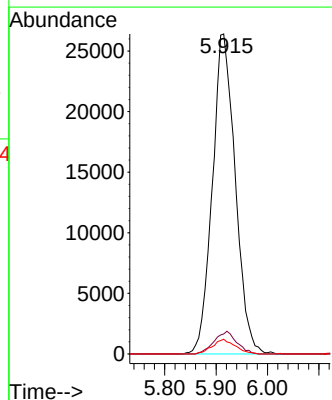
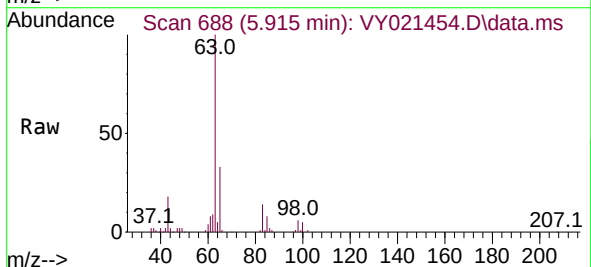
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

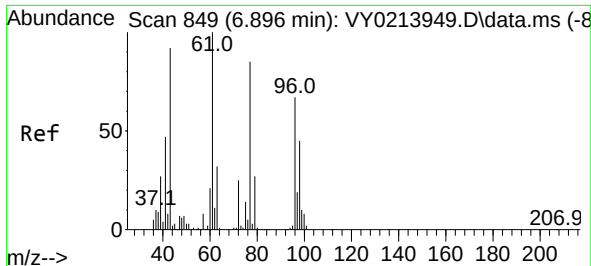
Tgt Ion: 43 Resp: 389672
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 16.997 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 63 Resp: 81730
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 87.201 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

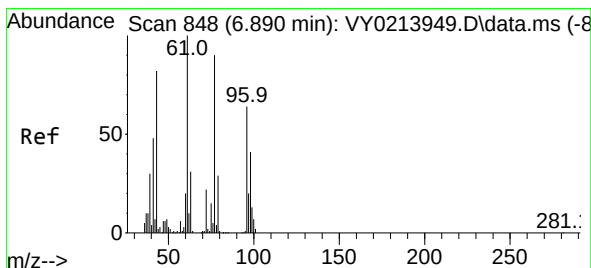
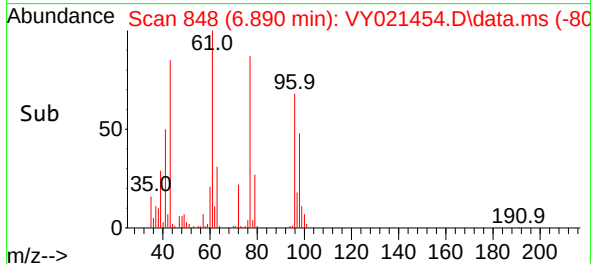
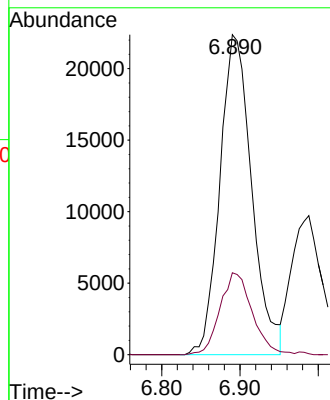
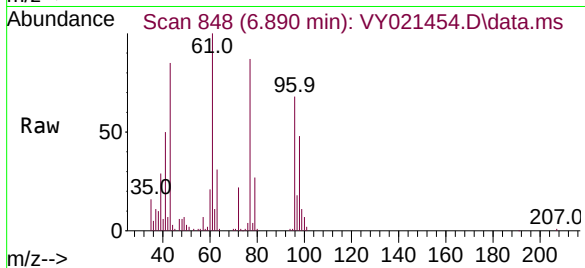
VY0307SBS01

Tgt Ion: 43 Resp: 63328

Ion Ratio Lower Upper

43 100

72 25.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 16.880 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021454.D

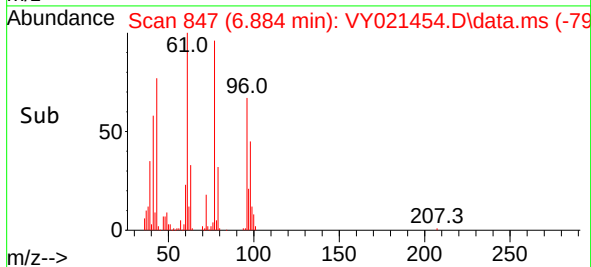
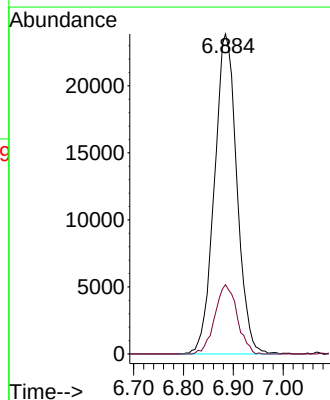
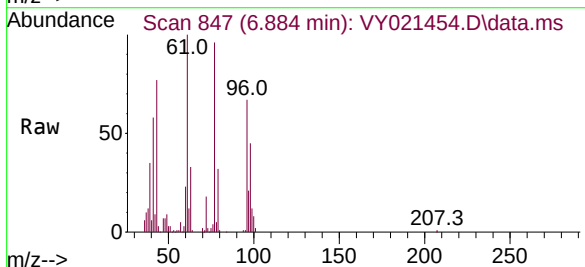
Acq: 07 Mar 2025 12:26

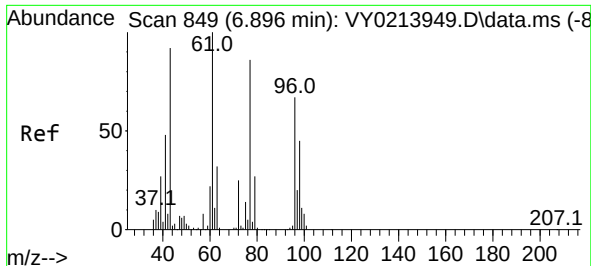
Tgt Ion: 77 Resp: 74684

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8

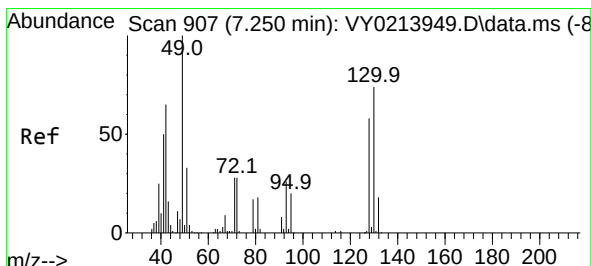
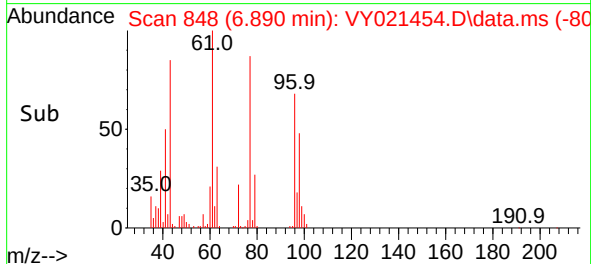
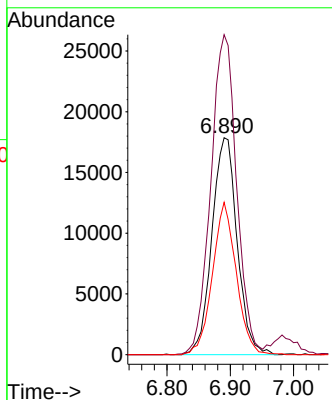
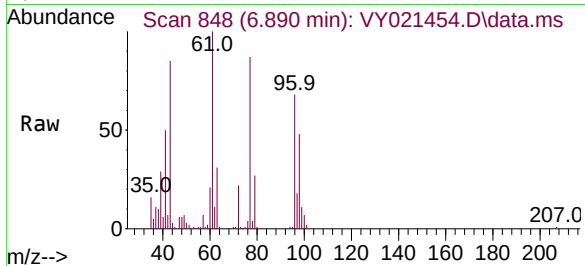




#27
 cis-1,2-Dichloroethene
 Concen: 16.628 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

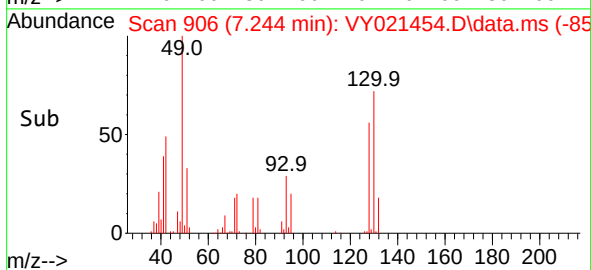
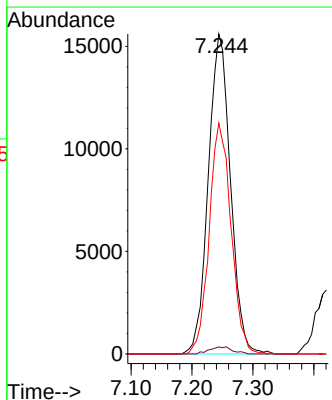
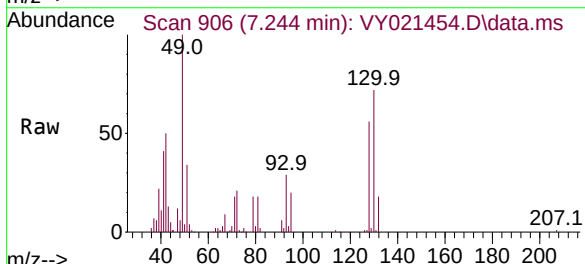
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

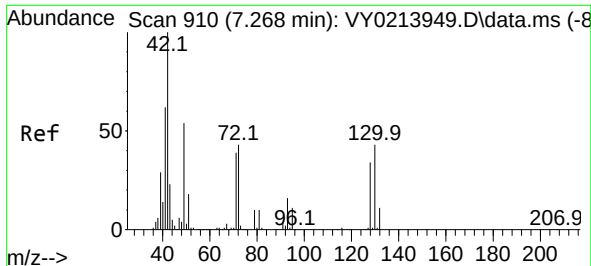
Tgt Ion: 96 Resp: 49488
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 300.8
 98 66.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.564 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 49 Resp: 39440
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 71.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 82.454 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBSD01

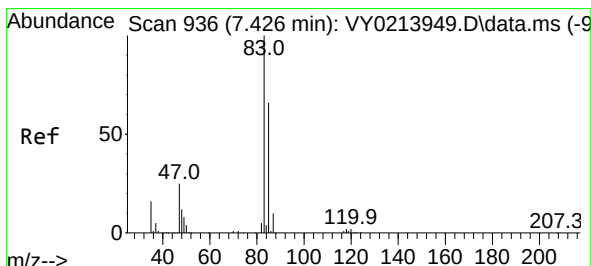
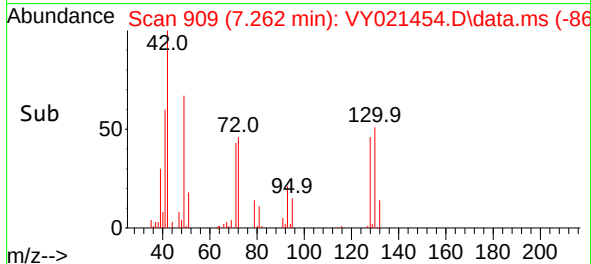
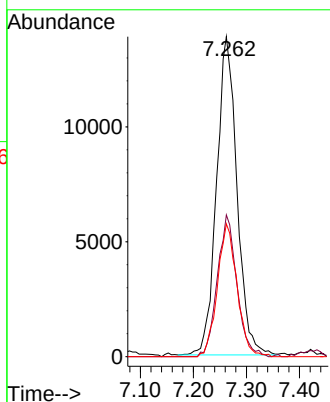
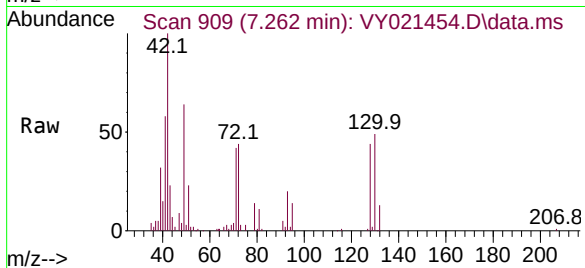
Tgt Ion: 42 Resp: 36967

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

71 40.2 32.6 48.8



#30

Chloroform

Concen: 17.165 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021454.D

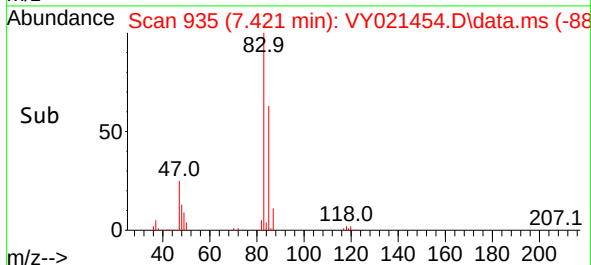
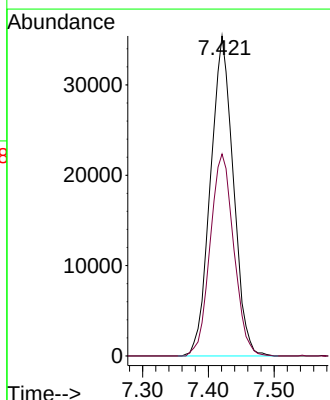
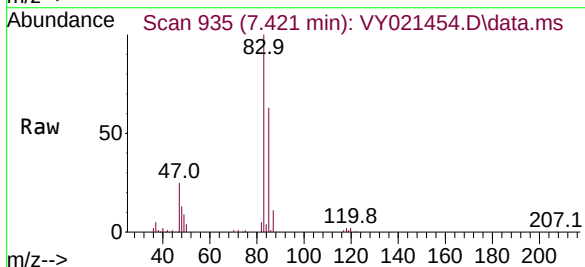
Acq: 07 Mar 2025 12:26

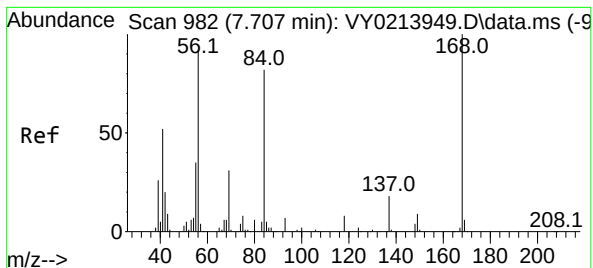
Tgt Ion: 83 Resp: 85710

Ion Ratio Lower Upper

83 100

85 63.1 53.1 79.7





#31

Cyclohexane

Concen: 16.274 ug/l

RT: 7.701 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

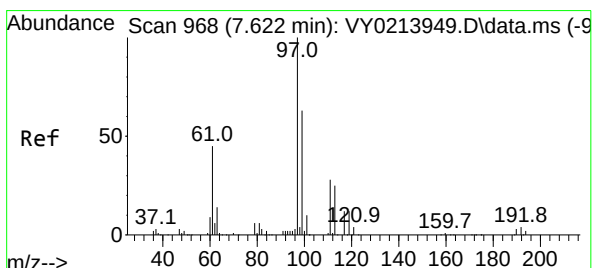
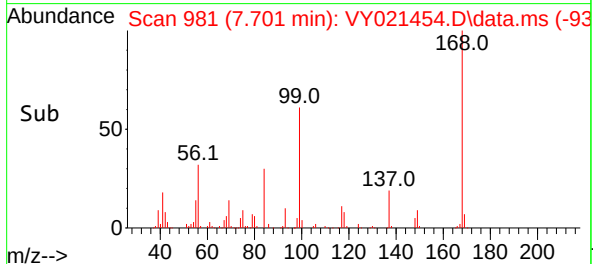
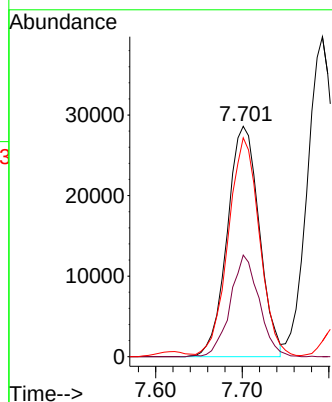
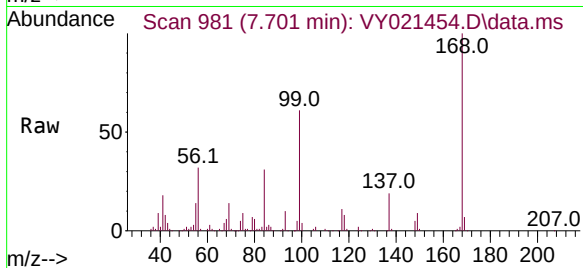
Tgt Ion: 56 Resp: 73363

Ion Ratio Lower Upper

56 100

69 44.1 27.0 40.4#

84 93.1 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 17.179 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

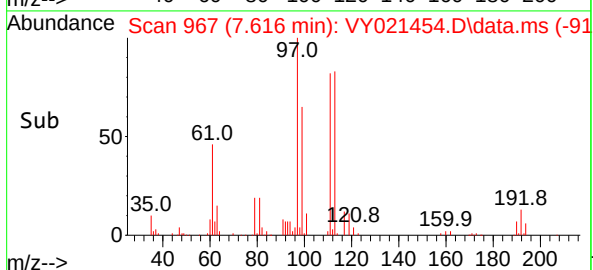
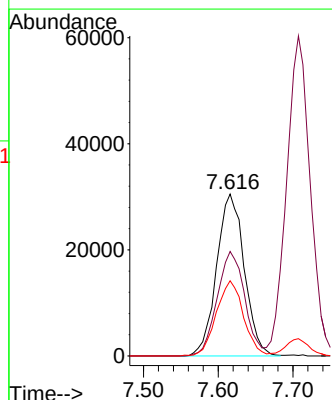
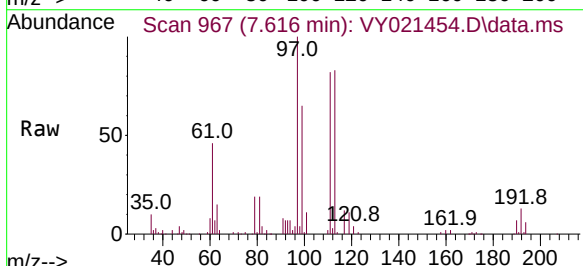
Tgt Ion: 97 Resp: 78541

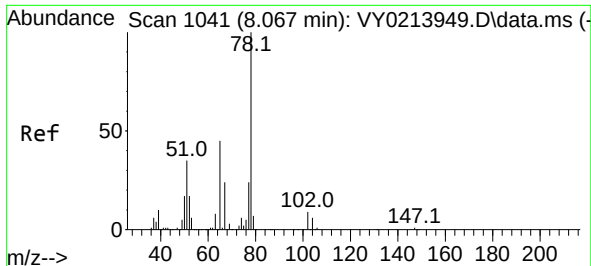
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 45.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

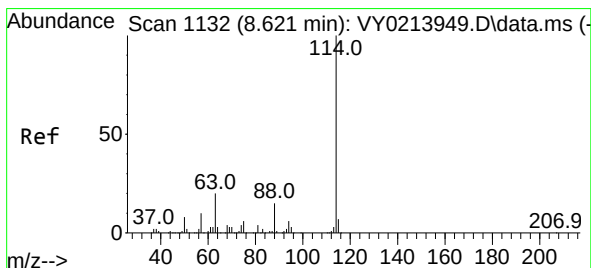
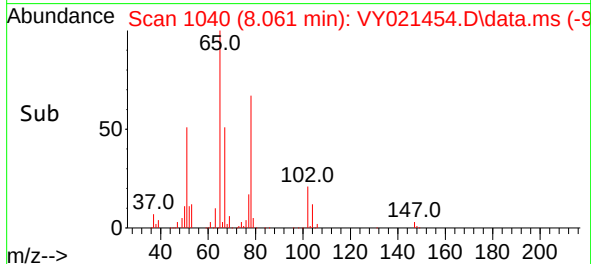
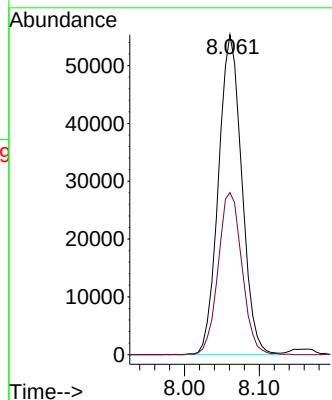
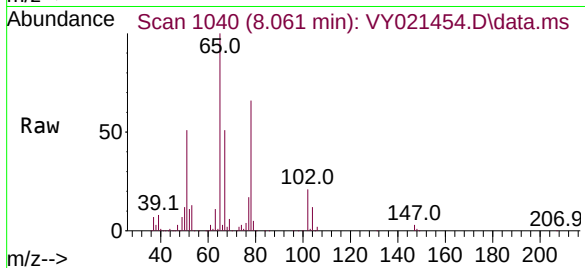
VY0307SBSD01

Tgt Ion: 65 Resp: 120392

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021454.D

Acq: 07 Mar 2025 12:26

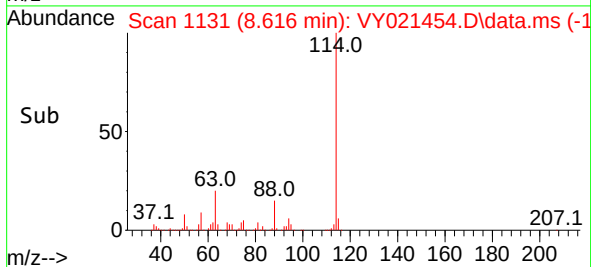
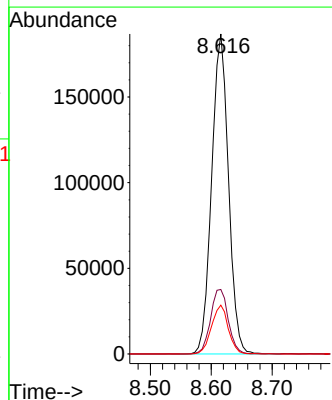
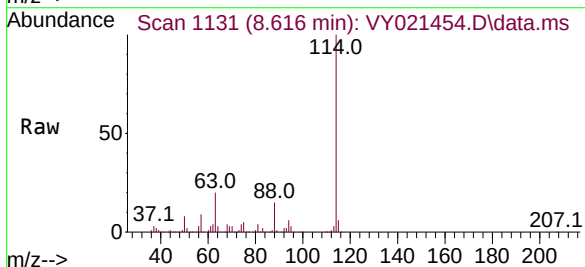
Tgt Ion: 114 Resp: 357822

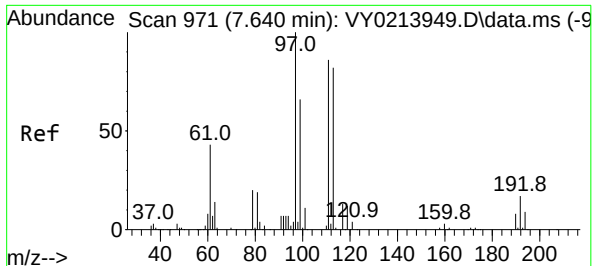
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.000 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBSD01

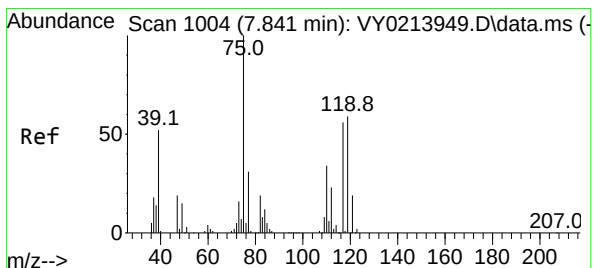
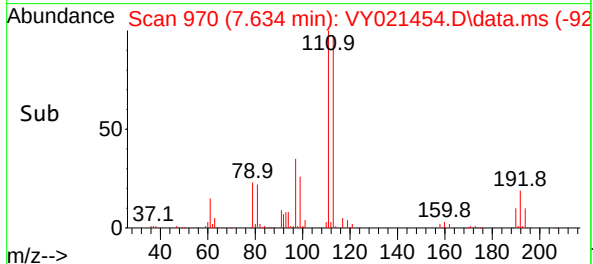
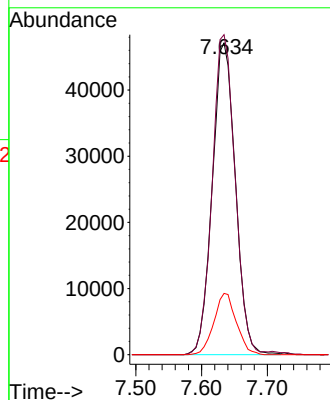
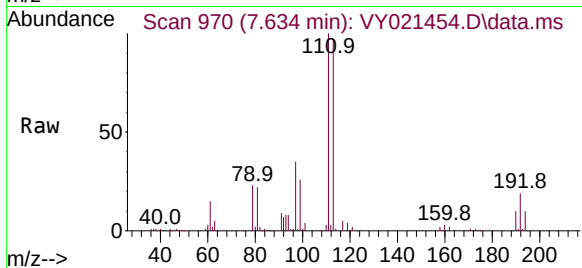
Tgt Ion:113 Resp: 115248

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 19.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 16.428 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

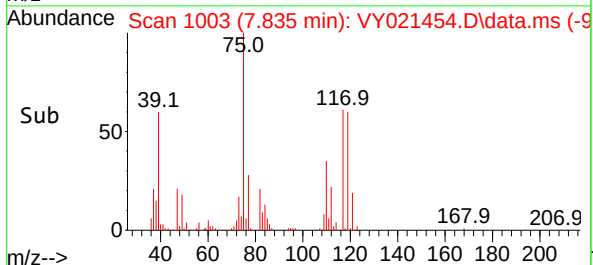
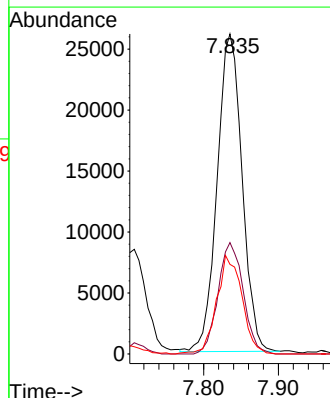
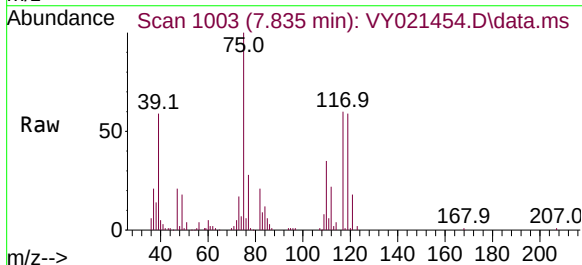
Tgt Ion: 75 Resp: 60483

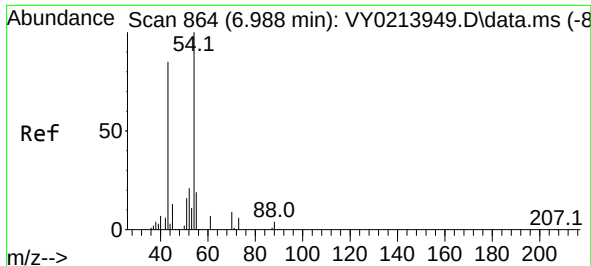
Ion Ratio Lower Upper

75 100

110 35.4 17.3 51.7

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 16.224 ug/l

RT: 6.988 min Scan# 81

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

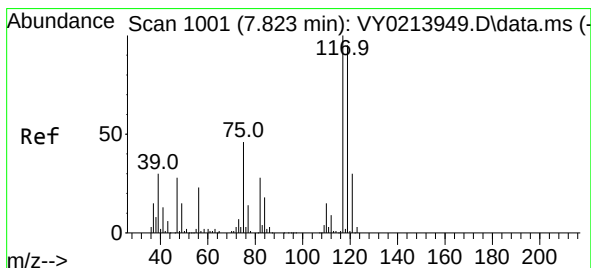
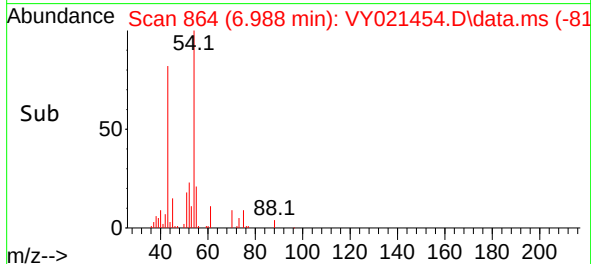
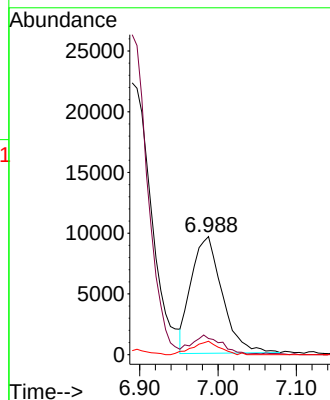
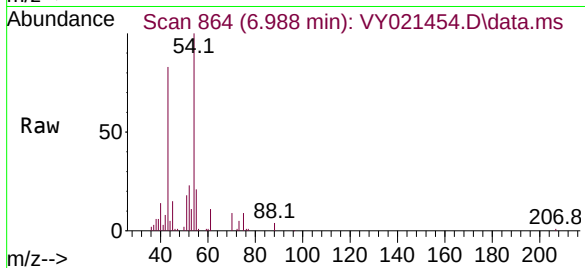
Tgt Ion: 43 Resp: 26400

Ion Ratio Lower Upper

43 100

61 14.8 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 16.845 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

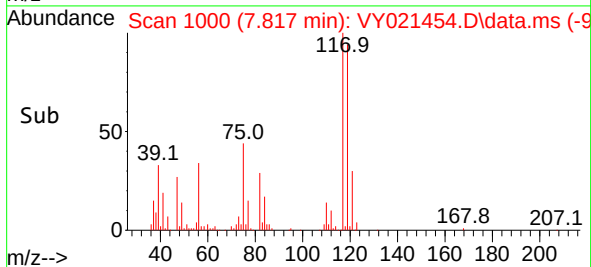
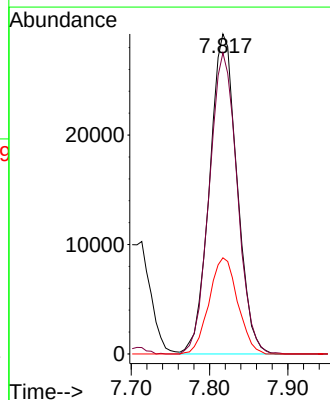
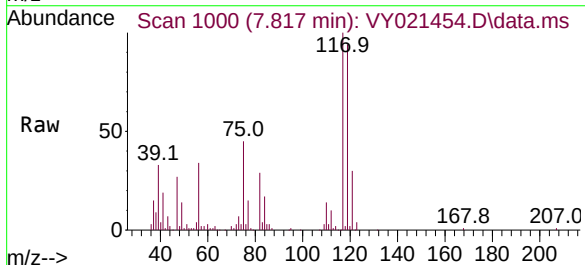
Tgt Ion: 117 Resp: 71323

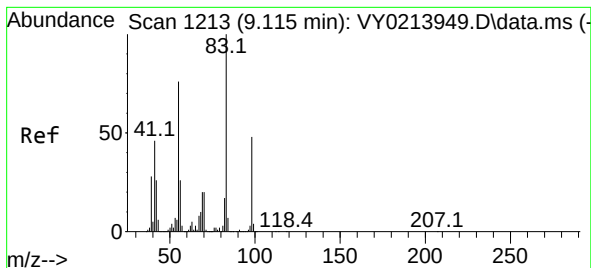
Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.8

121 30.1 23.9 35.9

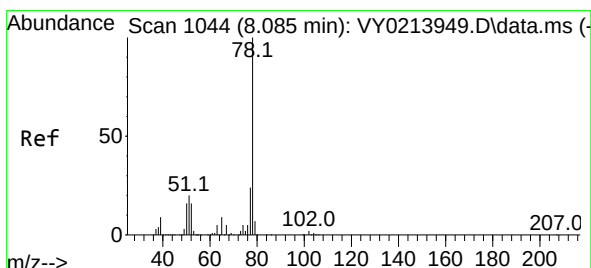
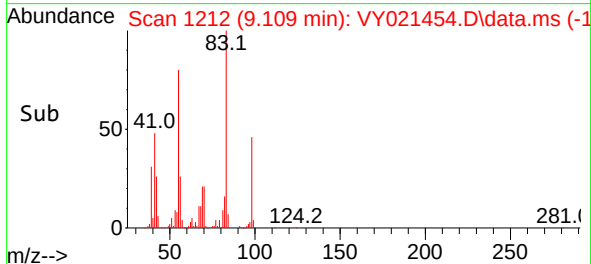
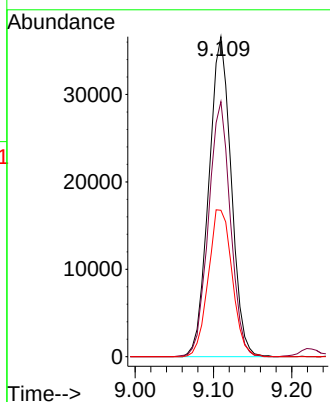
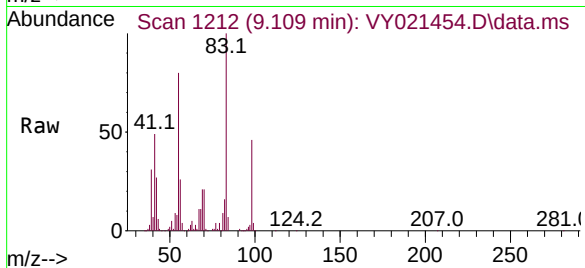




#39
Methylcyclohexane
Concen: 16.101 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

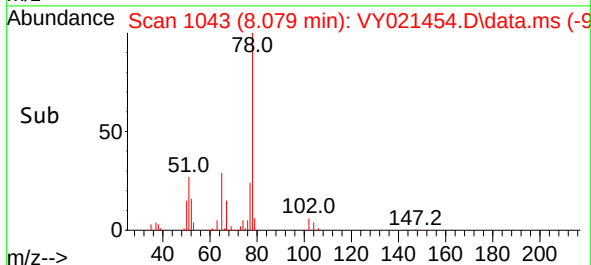
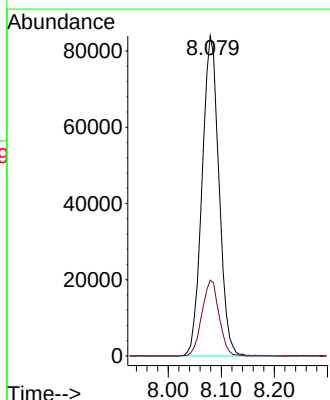
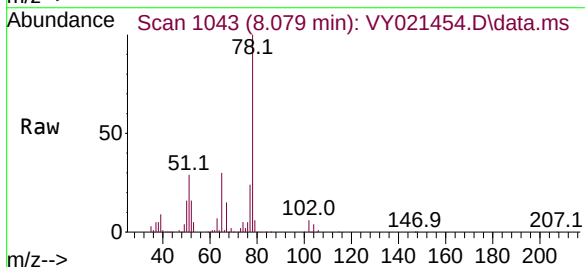
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

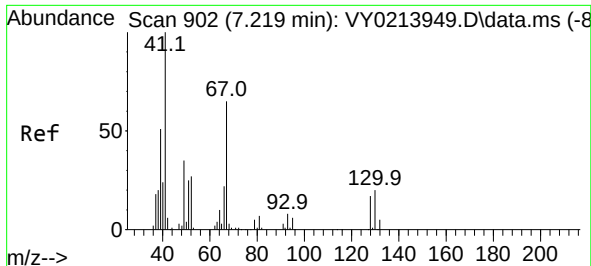
Tgt Ion: 83 Resp: 72713
Ion Ratio Lower Upper
83 100
55 79.7 60.7 91.1
98 45.7 38.6 57.8



#40
Benzene
Concen: 17.117 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 78 Resp: 185637
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

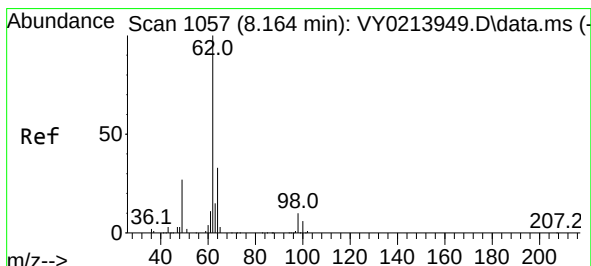
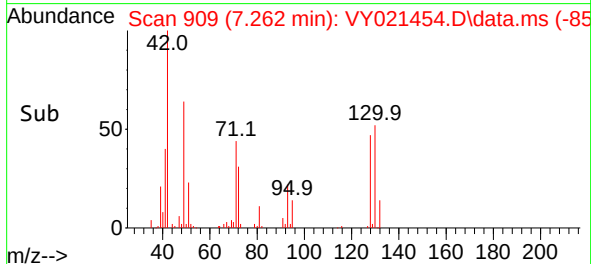
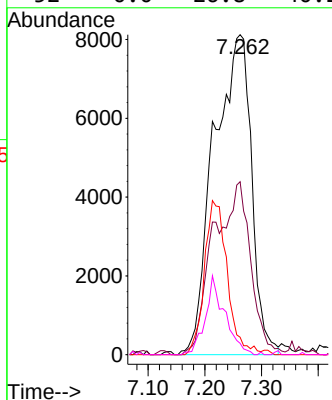
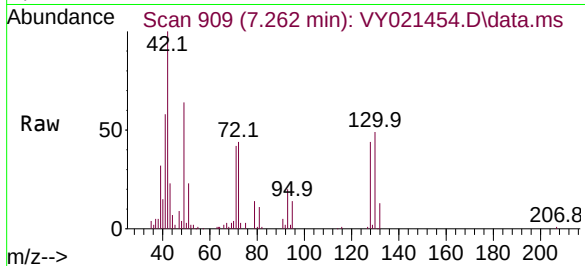




#41
Methacrylonitrile
Concen: 42.024 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

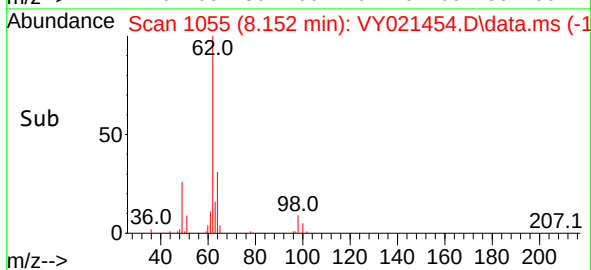
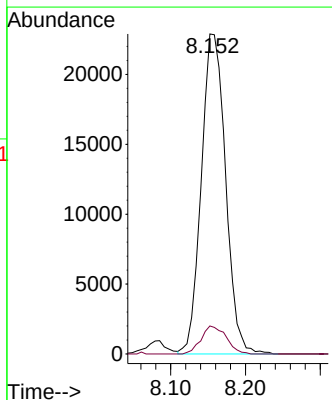
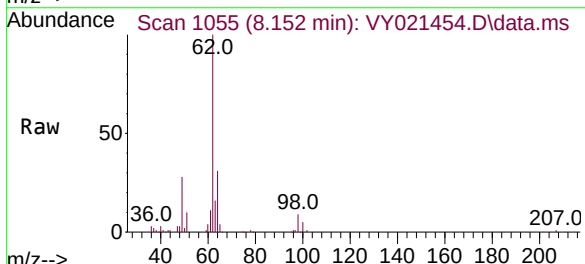
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

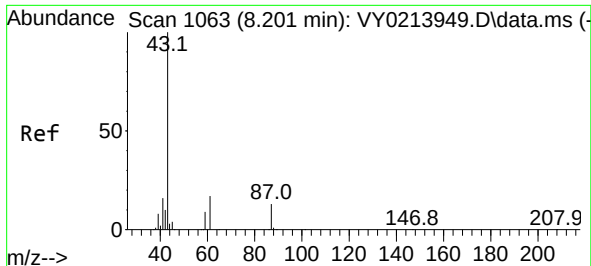
Tgt Ion:	41	Resp:	37235
Ion	Ratio	Lower	Upper
41	100		
39	25.8	35.0	52.6#
67	0.0	61.2	91.8#
52	0.0	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 17.060 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:	62	Resp:	51760
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

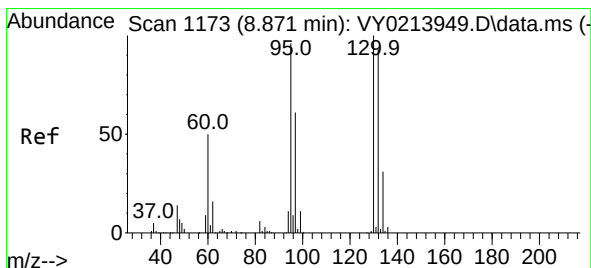
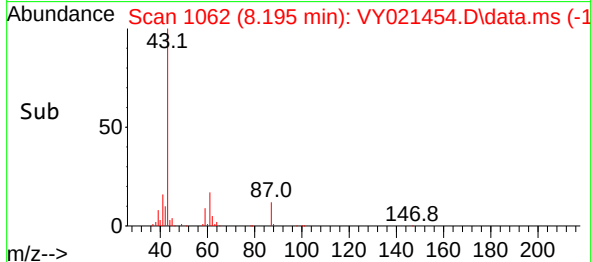
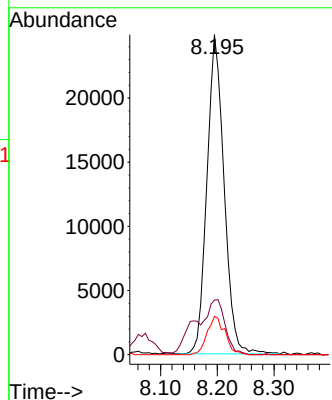
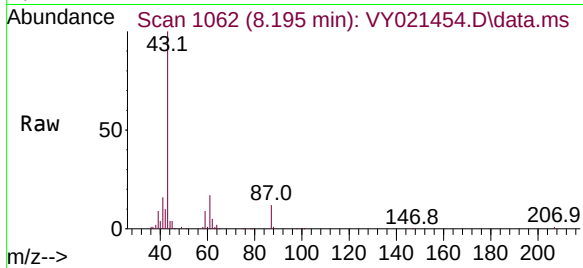




#43
Isopropyl Acetate
Concen: 16.553 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

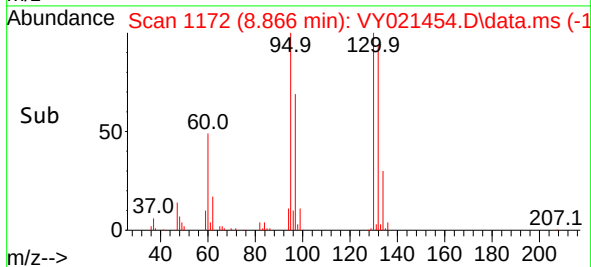
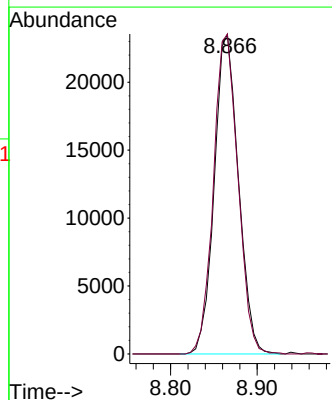
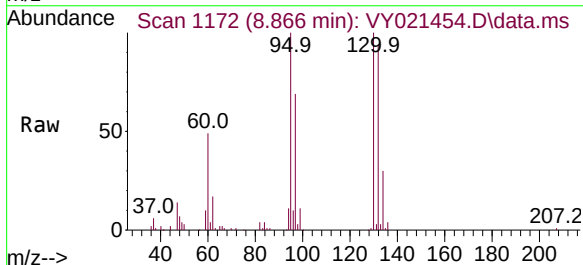
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

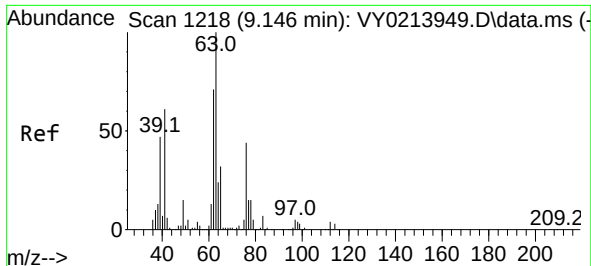
Tgt Ion: 43 Resp: 52289
Ion Ratio Lower Upper
43 100
61 19.0 23.4 35.0#
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 16.644 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:130 Resp: 45614
Ion Ratio Lower Upper
130 100
95 100.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 17.320 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

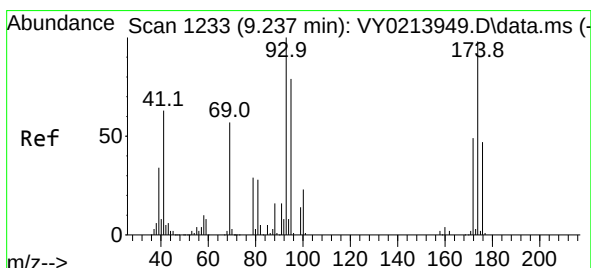
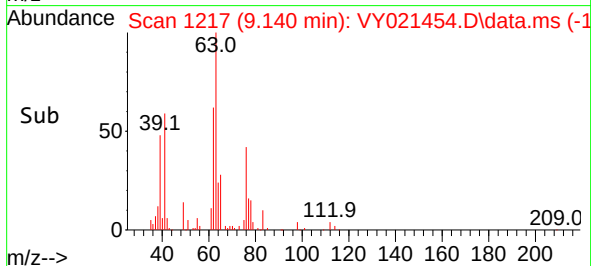
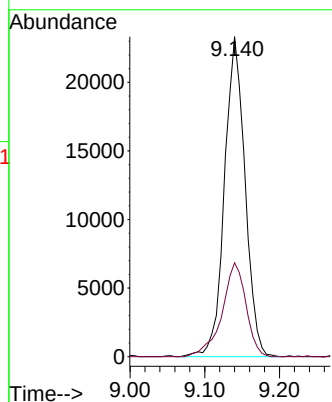
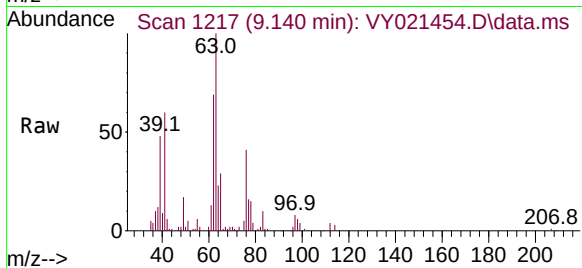
VY0307SBS01

Tgt Ion: 63 Resp: 44706

Ion Ratio Lower Upper

63 100

65 29.3 26.0 39.0



#46

Dibromomethane

Concen: 17.303 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

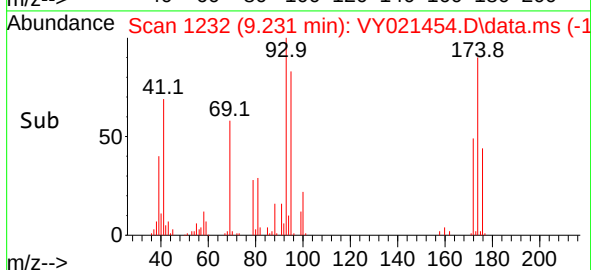
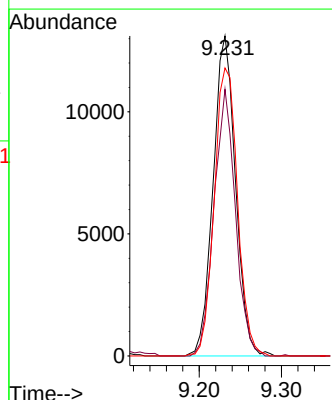
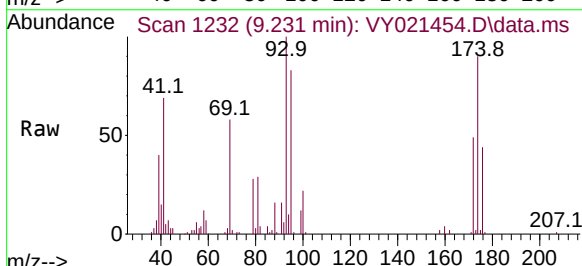
Tgt Ion: 93 Resp: 24851

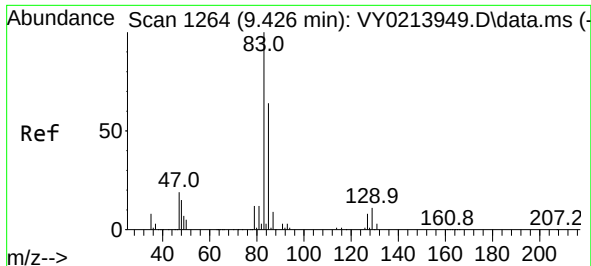
Ion Ratio Lower Upper

93 100

95 79.7 65.8 98.8

174 93.3 77.9 116.9





#47

Bromodichloromethane

Concen: 17.005 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

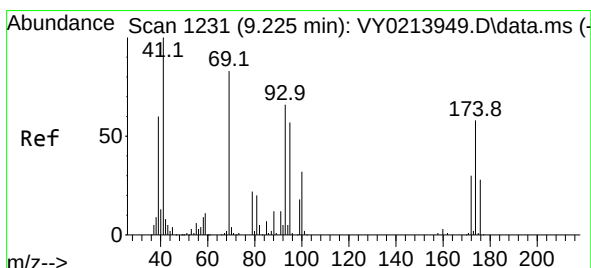
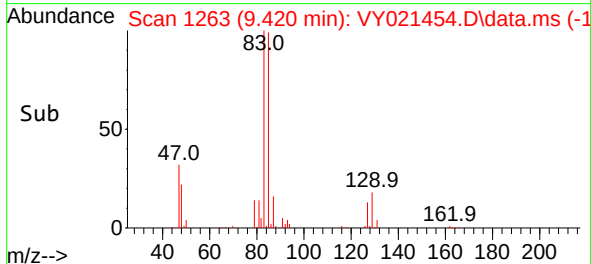
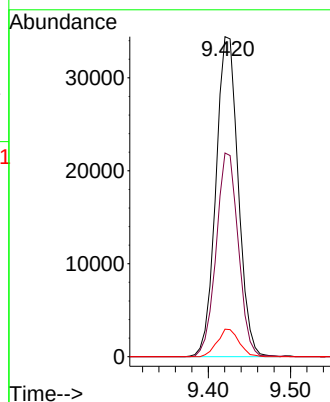
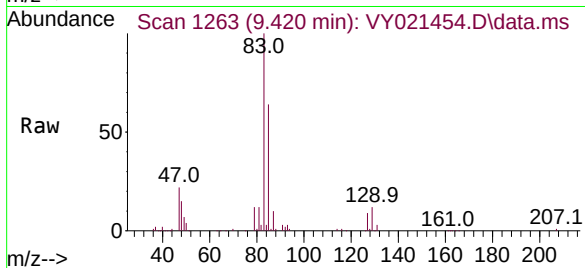
Tgt Ion: 83 Resp: 64857

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 16.925 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

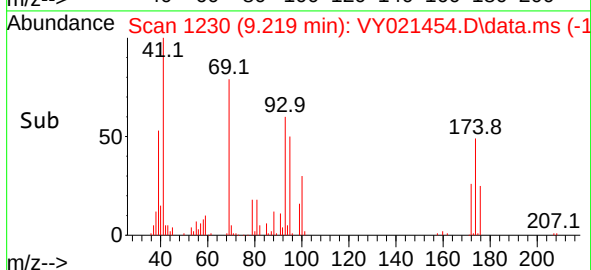
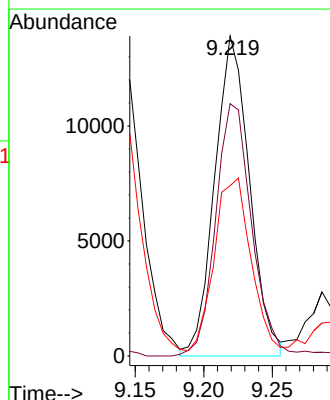
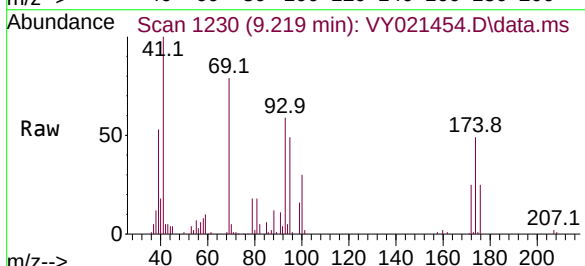
Tgt Ion: 41 Resp: 24550

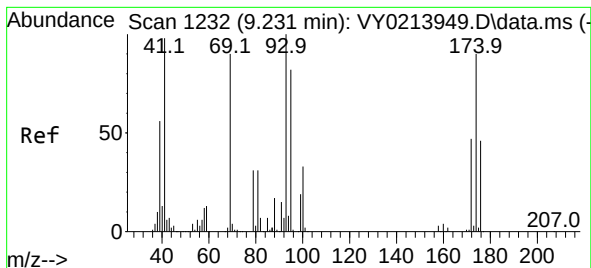
Ion Ratio Lower Upper

41 100

69 82.8 67.8 101.8

39 56.7 46.4 69.6





#49

1,4-Dioxane

Concen: 351.570 ug/l

RT: 9.225 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBSD01

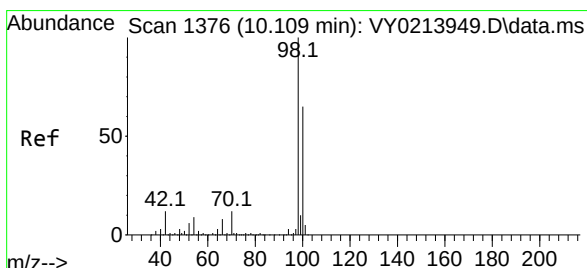
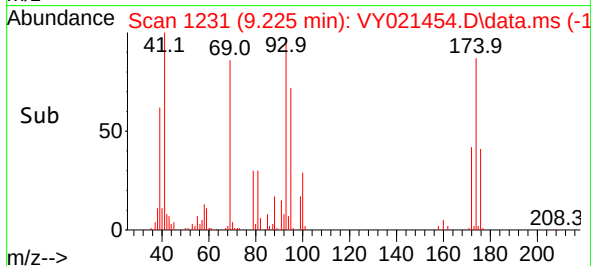
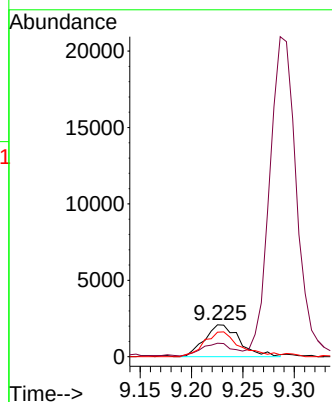
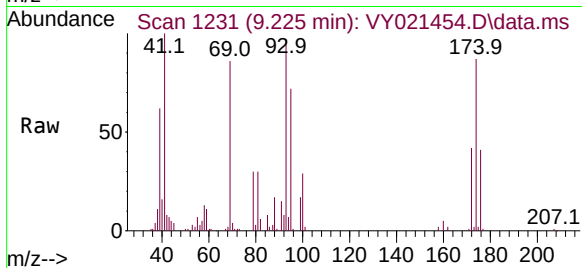
Tgt Ion: 88 Resp: 4956

Ion Ratio Lower Upper

88 100

43 35.2 25.0 37.4

58 82.5 58.4 87.6



#50

Toluene-d8

Concen: 48.820 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021454.D

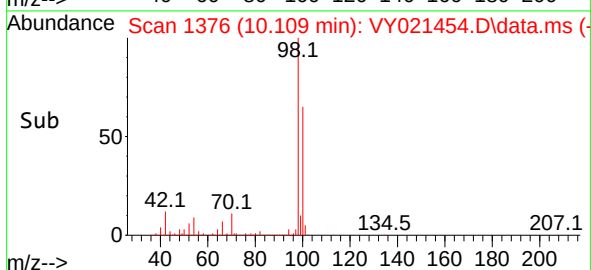
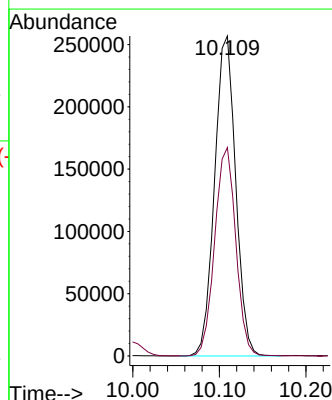
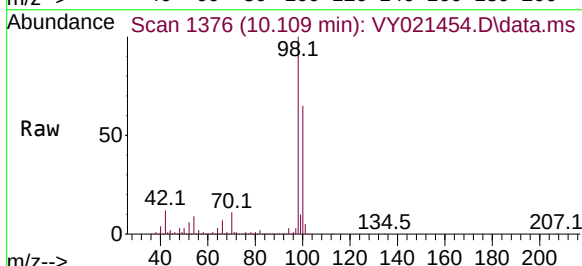
Acq: 07 Mar 2025 12:26

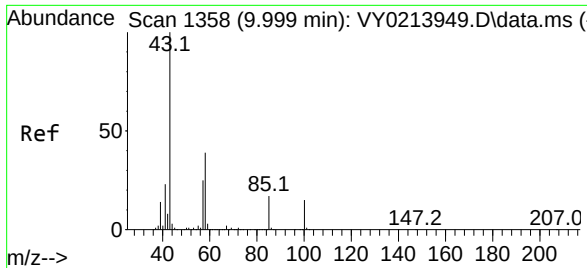
Tgt Ion: 98 Resp: 434769

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

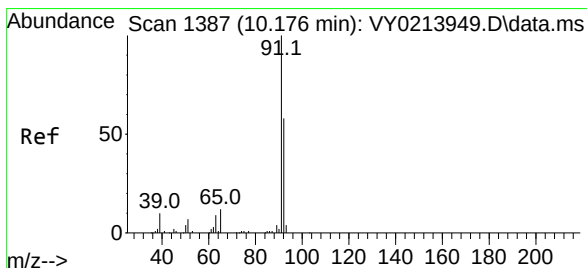
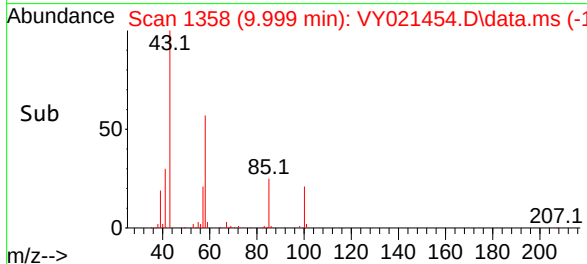
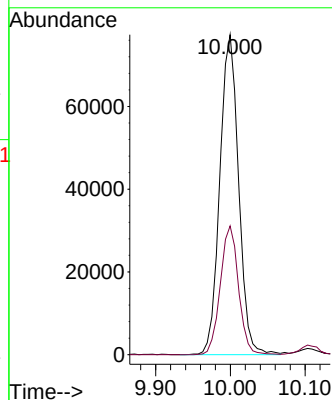
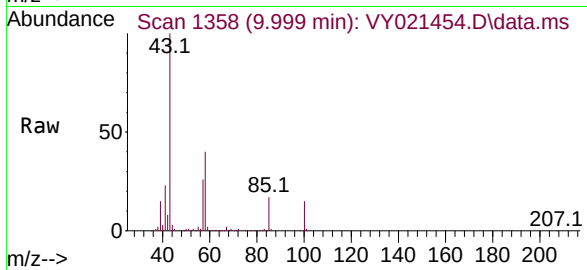




#51
4-Methyl-2-Pentanone
Concen: 82.946 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

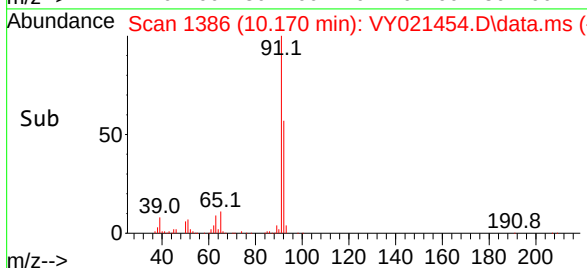
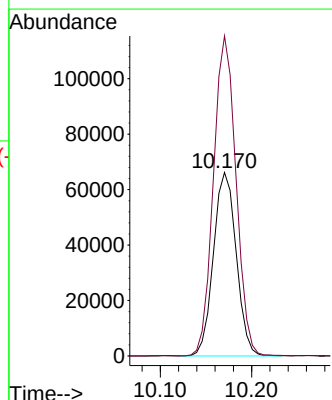
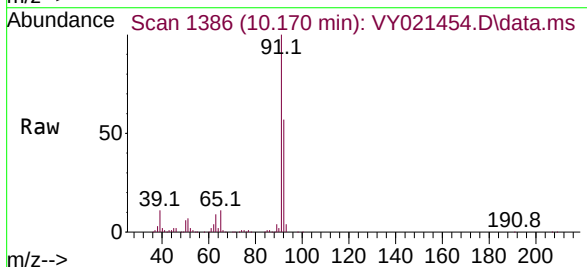
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

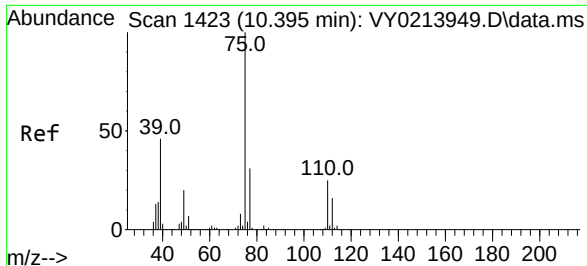
Tgt Ion: 43 Resp: 135192
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 16.760 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 92 Resp: 114595
Ion Ratio Lower Upper
92 100
91 172.3 138.2 207.2

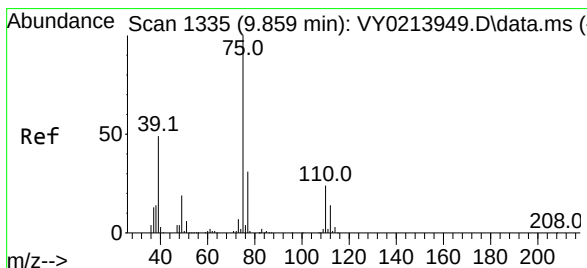
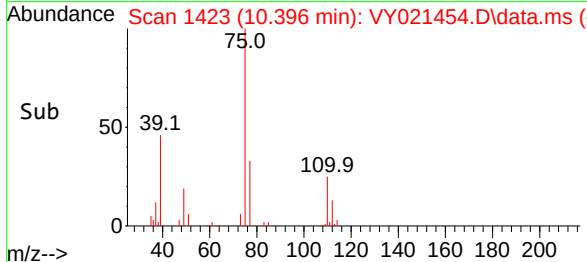
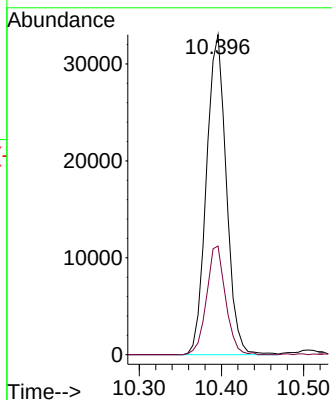
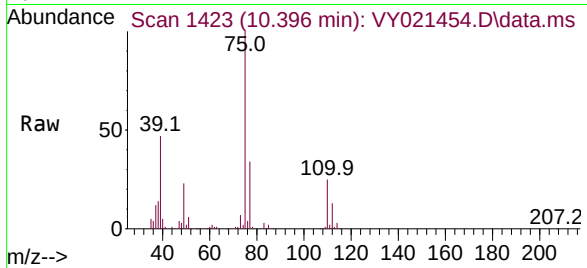




#53
 t-1,3-Dichloropropene
 Concen: 16.526 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

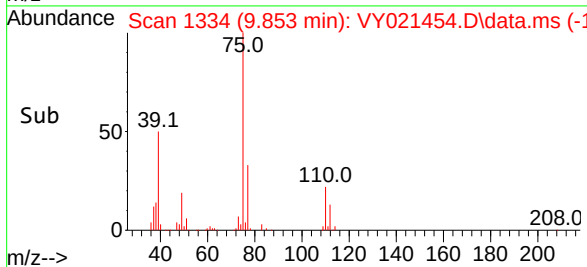
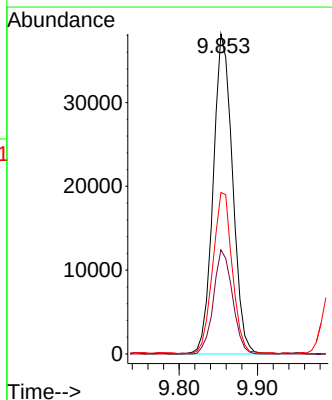
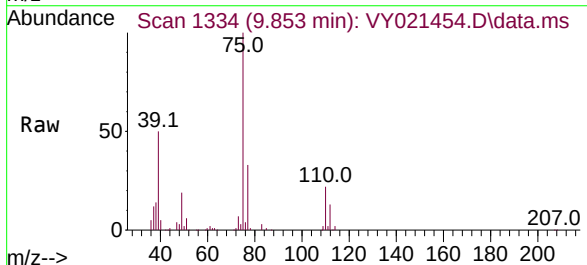
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBSD01

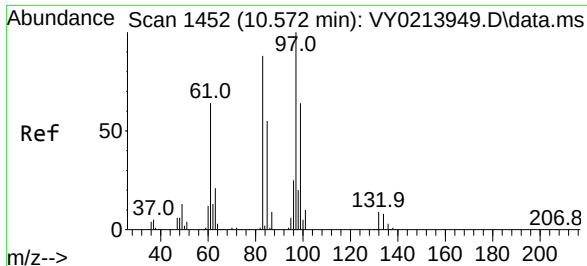
Tgt Ion: 75 Resp: 55532
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 16.441 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 75 Resp: 65591
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0
 39 50.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 16.857 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBSD01

Tgt Ion: 97 Resp: 31669

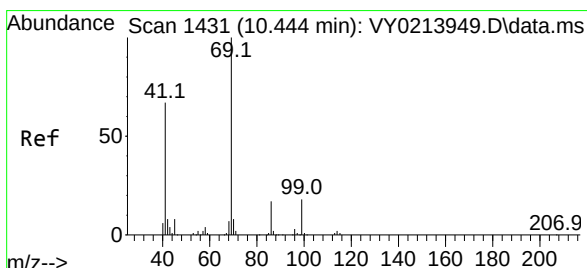
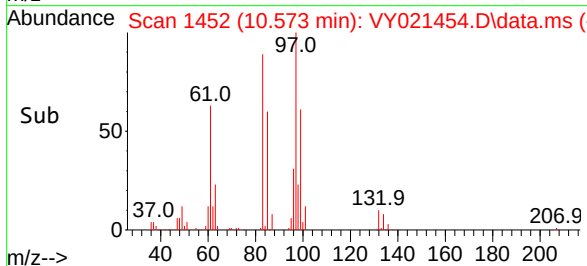
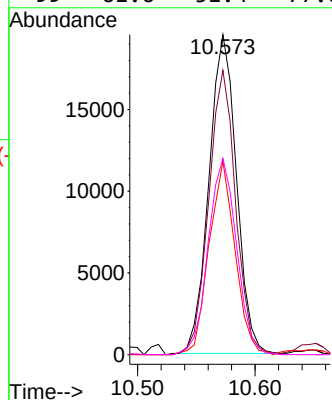
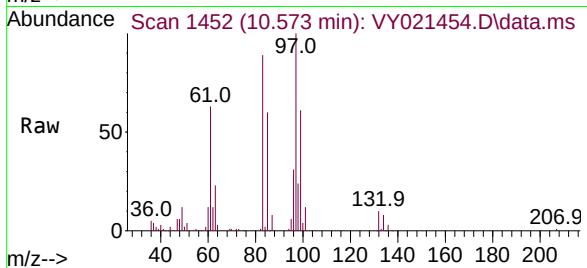
Ion Ratio Lower Upper

97 100

83 88.8 70.0 105.0

85 60.0 44.3 66.5

99 61.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 15.918 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

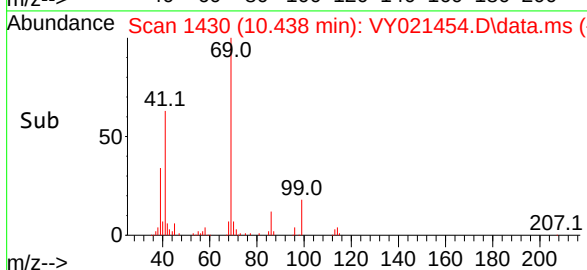
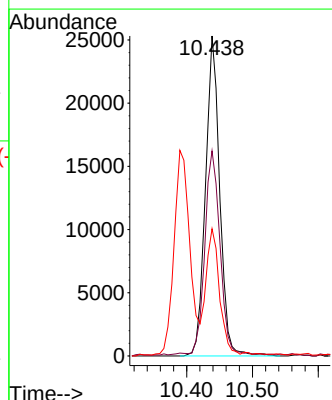
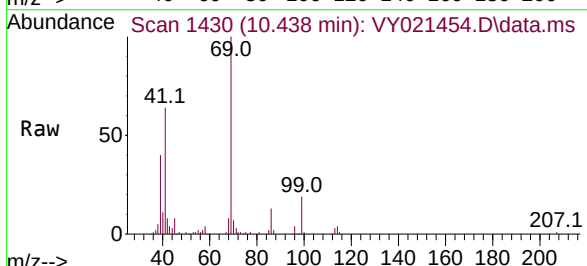
Tgt Ion: 69 Resp: 38139

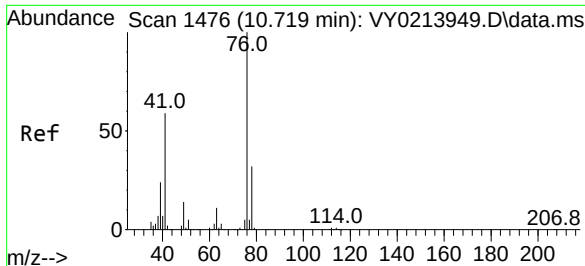
Ion Ratio Lower Upper

69 100

41 68.1 53.3 79.9

39 36.8 31.0 46.6

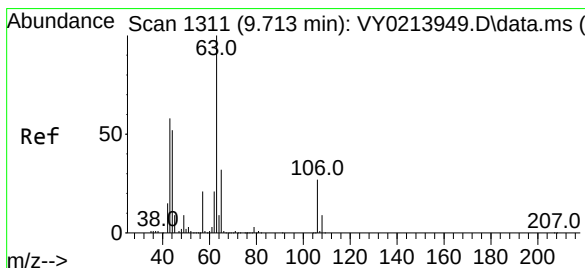
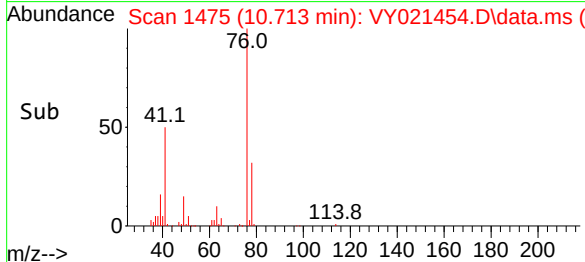
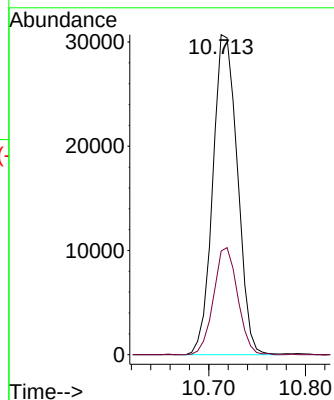
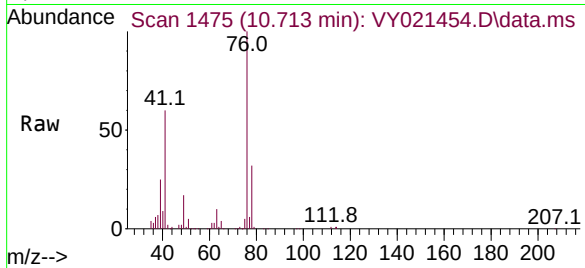




#57
1,3-Dichloropropane
Concen: 16.672 ug/l
RT: 10.713 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

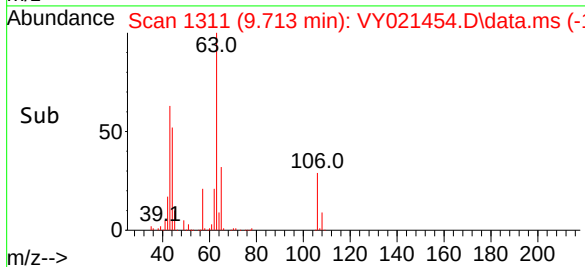
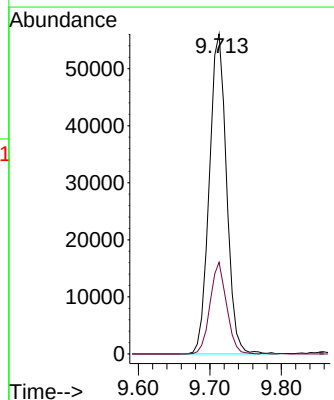
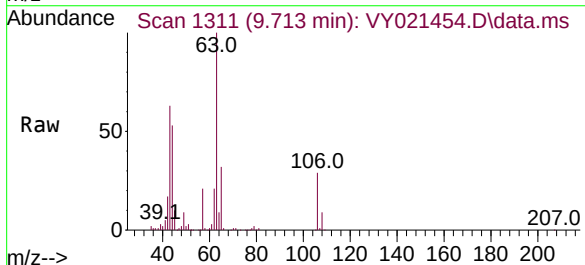
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

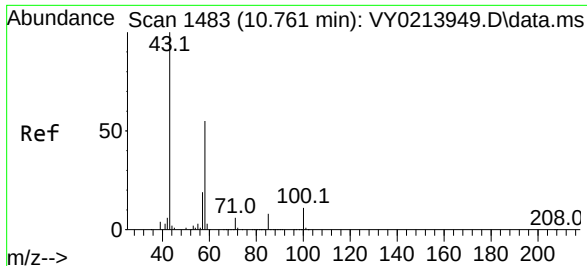
Tgt Ion: 76 Resp: 54287
Ion Ratio Lower Upper
76 100
78 32.7 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 84.886 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 63 Resp: 93888
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1





#59

2-Hexanone

Concen: 83.752 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

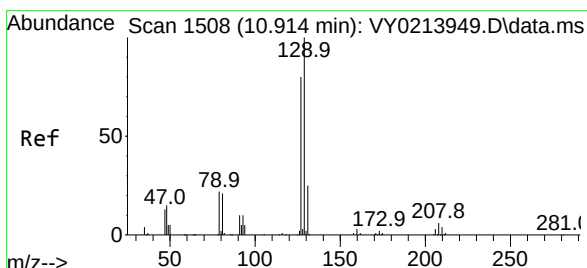
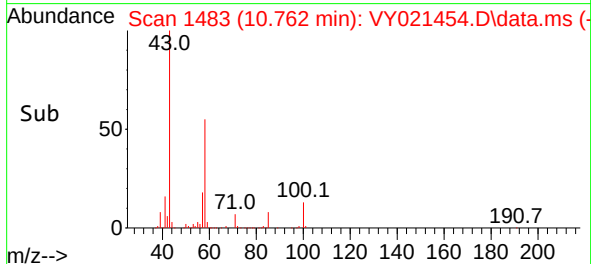
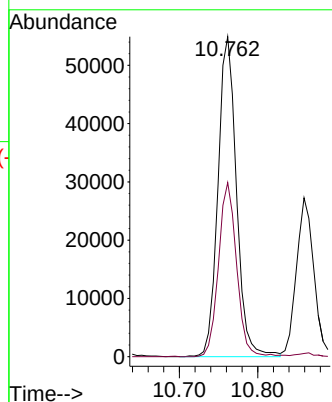
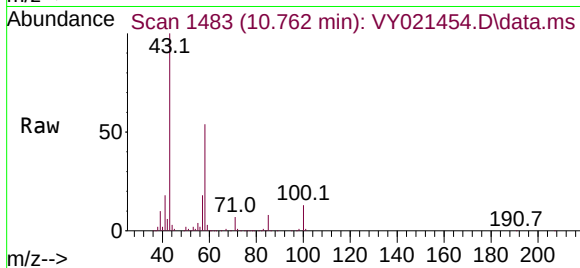
VY0307SBS01

Tgt Ion: 43 Resp: 90261

Ion Ratio Lower Upper

43 100

58 53.1 27.3 81.8



#60

Dibromochloromethane

Concen: 17.123 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021454.D

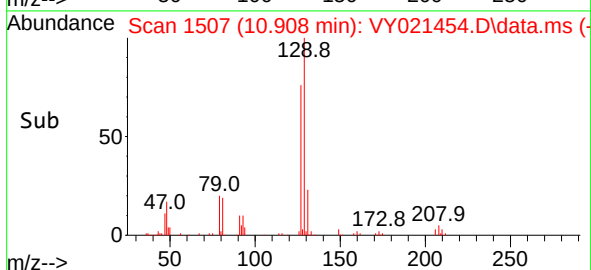
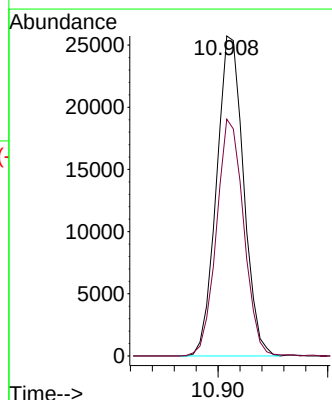
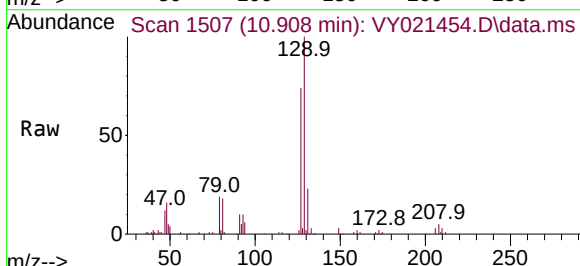
Acq: 07 Mar 2025 12:26

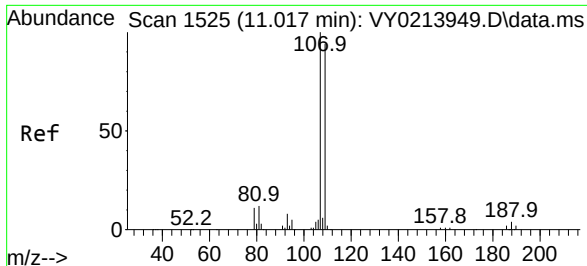
Tgt Ion: 129 Resp: 44101

Ion Ratio Lower Upper

129 100

127 74.4 39.1 117.3

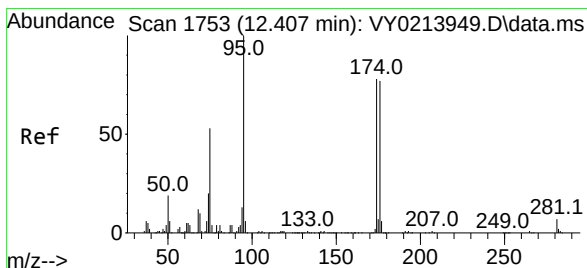
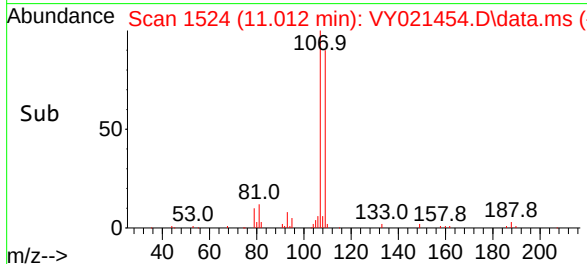
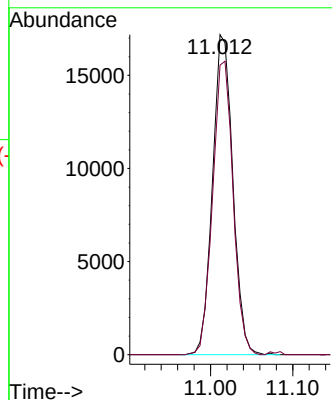
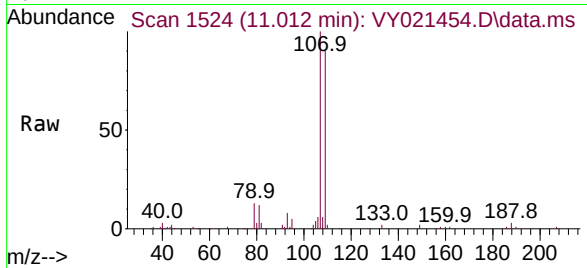




#61
 1,2-Dibromoethane
 Concen: 16.625 ug/l
 RT: 11.012 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

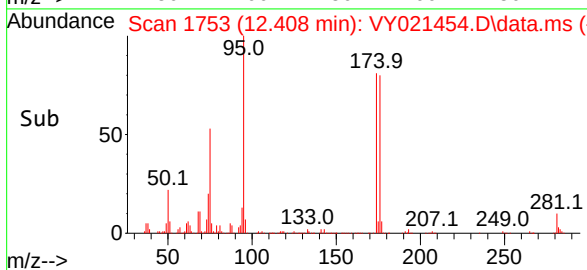
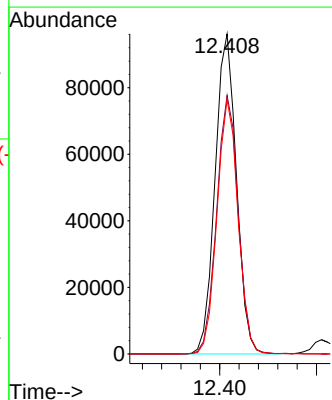
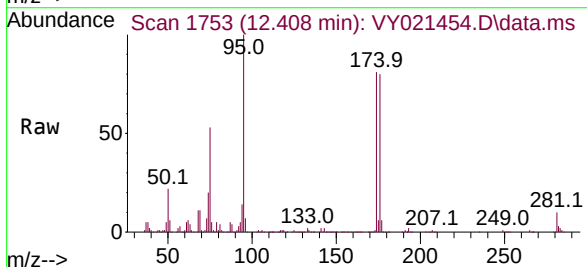
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBSD01

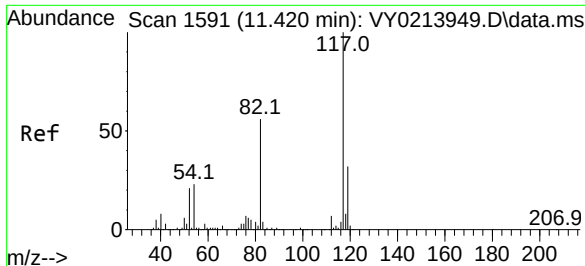
Tgt Ion:107 Resp: 29477
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.604 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 95 Resp: 147234
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 165.0
 176 78.3 0.0 160.0

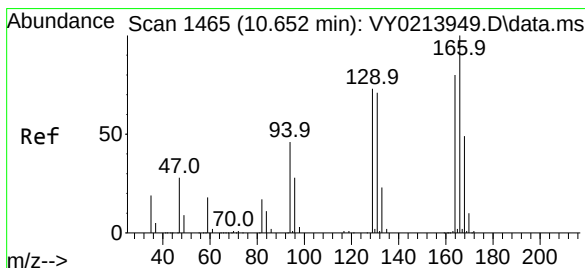
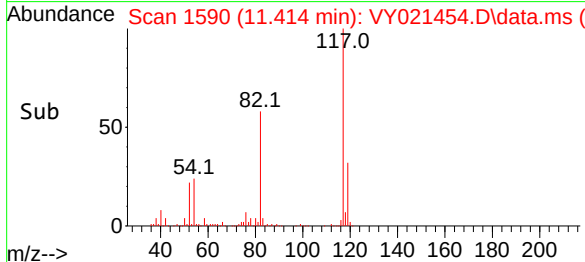
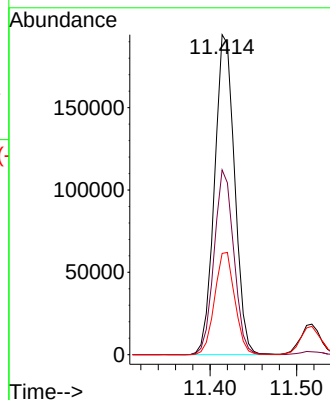
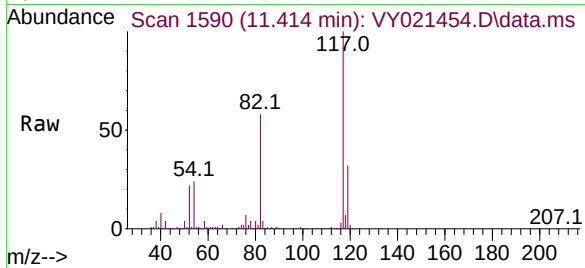




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

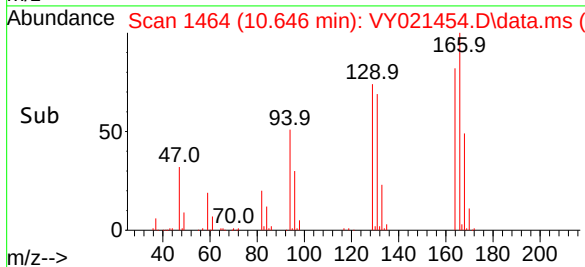
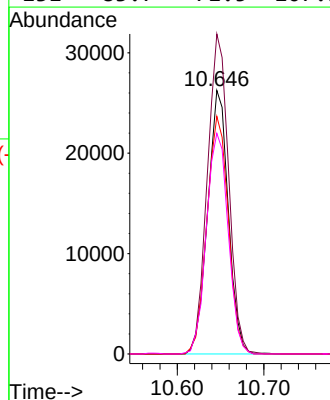
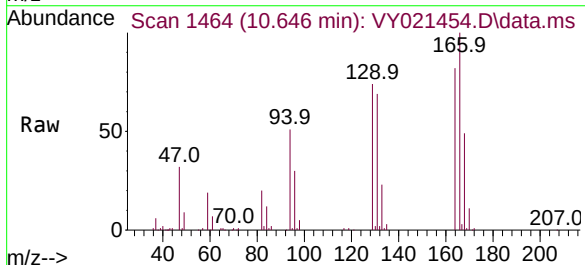
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

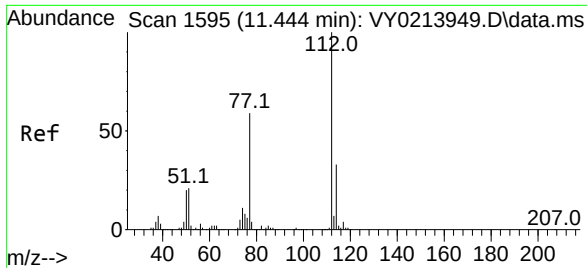
Tgt Ion:117 Resp: 313293
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 17.070 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:164 Resp: 43488
Ion Ratio Lower Upper
164 100
166 121.5 100.4 150.6
129 90.2 73.8 110.8
131 83.7 71.5 107.3

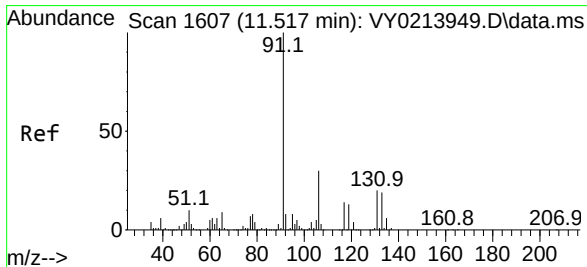
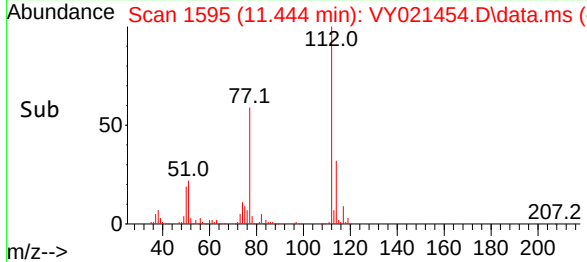
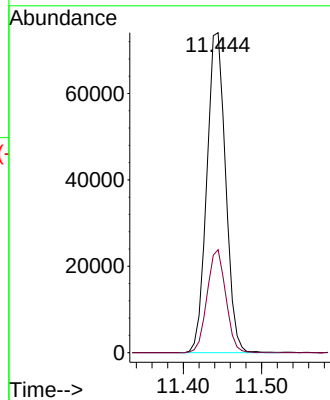
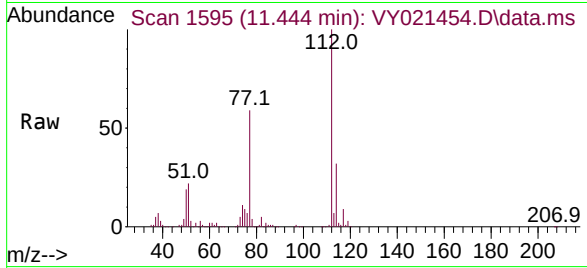




#65
Chlorobenzene
Concen: 16.661 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

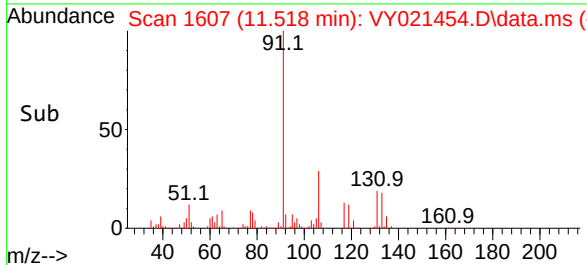
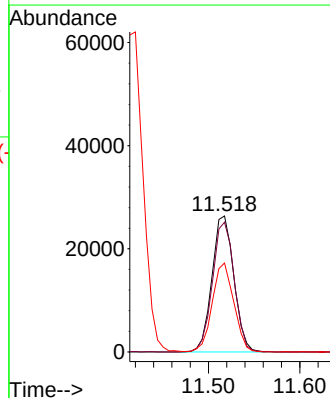
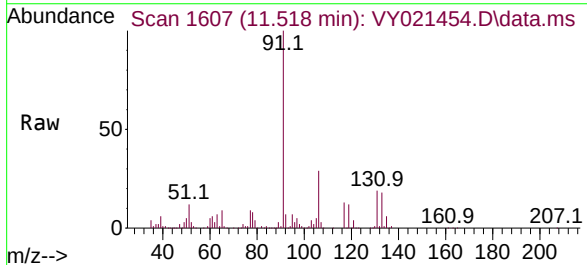
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

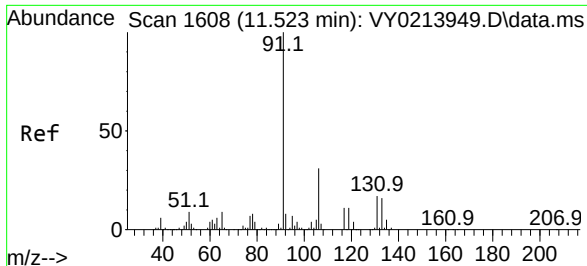
Tgt Ion:112 Resp: 123259
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 16.758 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:131 Resp: 43834
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 16.487 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

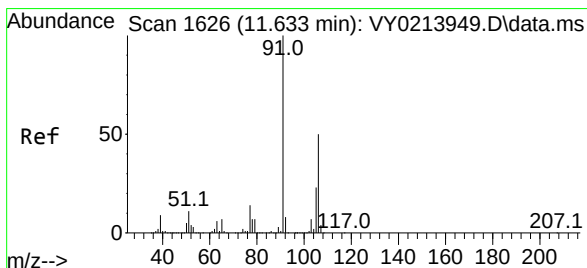
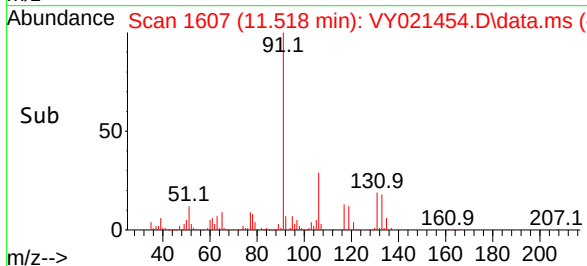
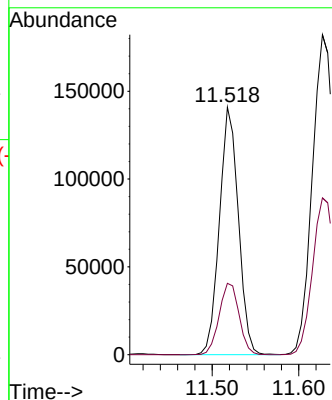
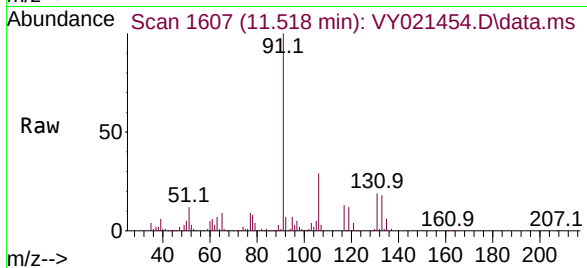
VY0307SBSD01

Tgt Ion: 91 Resp: 214090

Ion Ratio Lower Upper

91 100

106 28.8 24.6 36.8



#68

m/p-Xylenes

Concen: 33.117 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021454.D

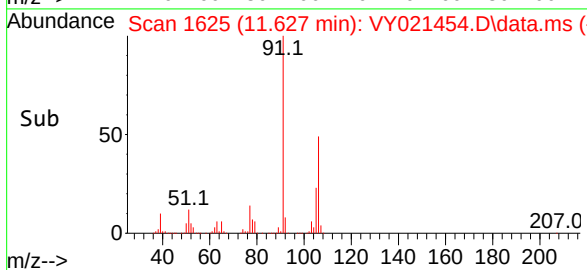
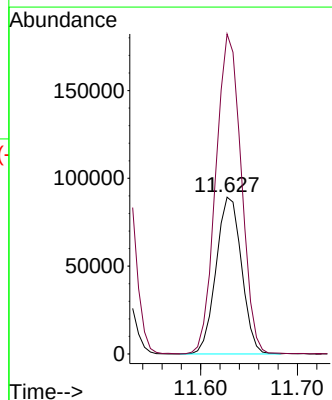
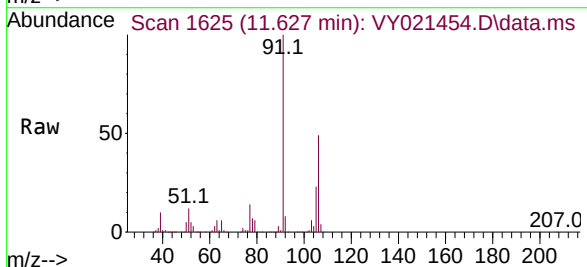
Acq: 07 Mar 2025 12:26

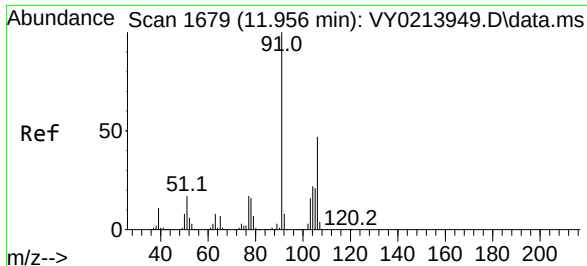
Tgt Ion: 106 Resp: 163263

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5

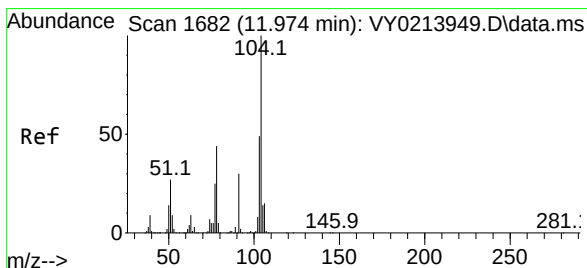
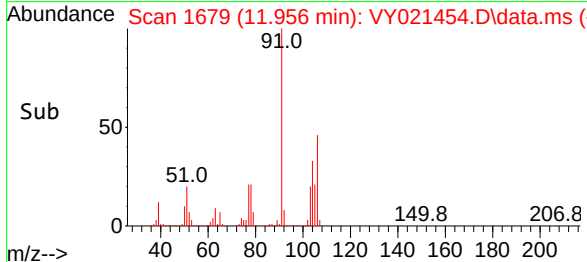
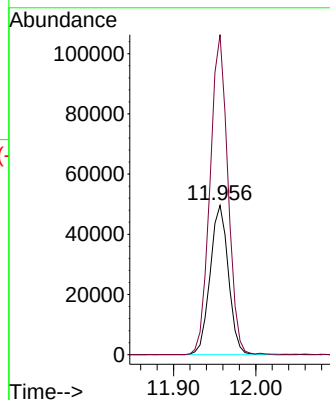
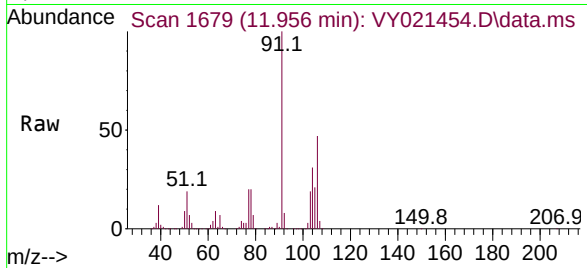




#69
o-Xylene
Concen: 16.868 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

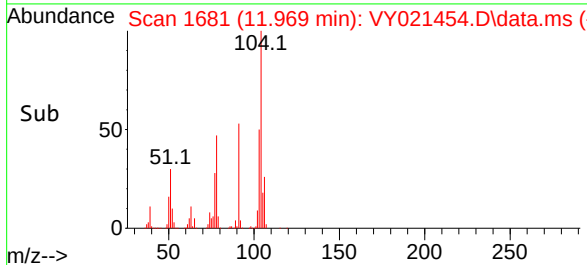
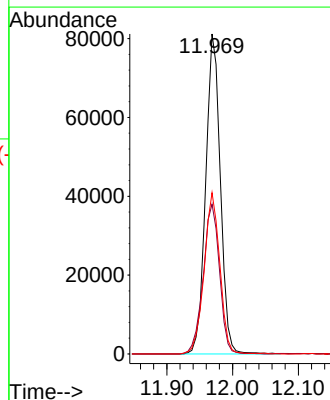
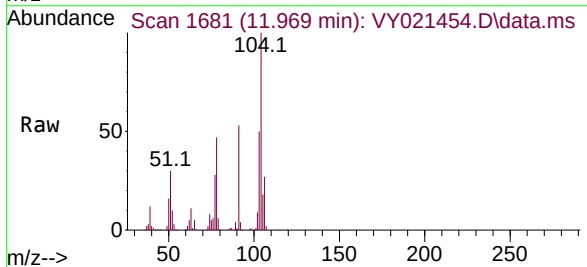
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

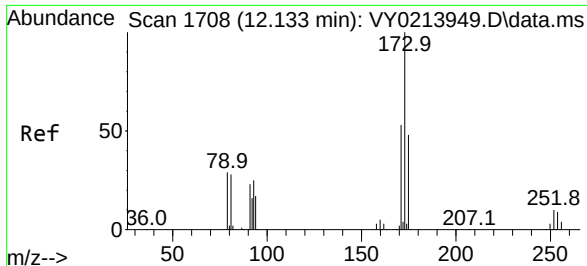
Tgt Ion:106 Resp: 76643
Ion Ratio Lower Upper
106 100
91 209.5 107.6 322.8



#70
Styrene
Concen: 16.712 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:104 Resp: 125968
Ion Ratio Lower Upper
104 100
78 51.9 40.7 61.1
103 53.9 44.1 66.1

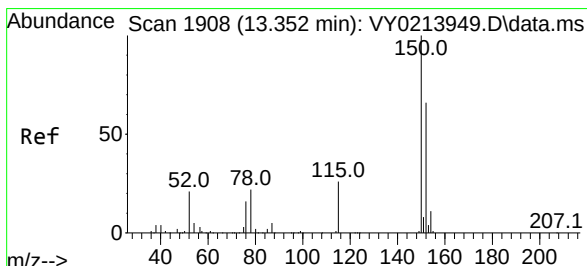
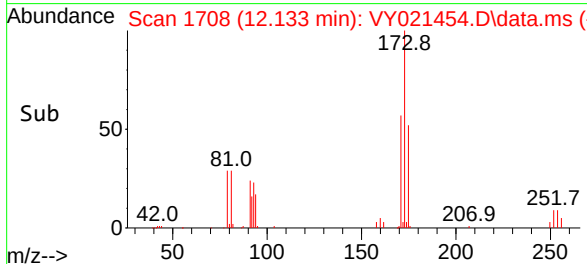
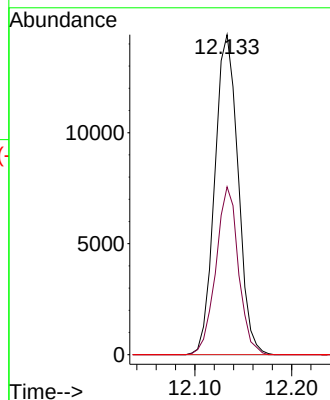
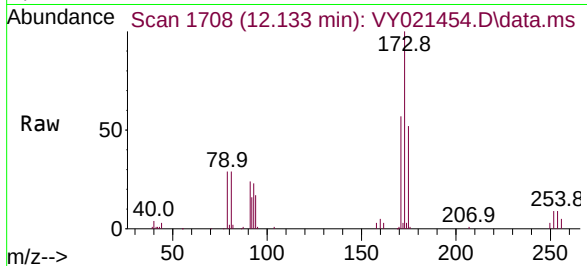




#71
Bromoform
Concen: 16.526 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

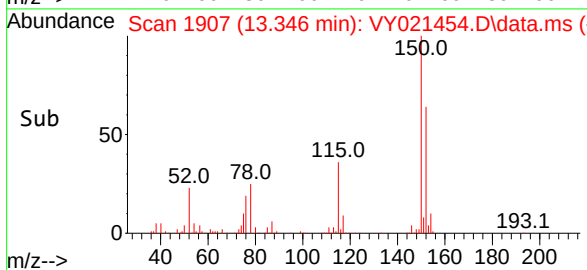
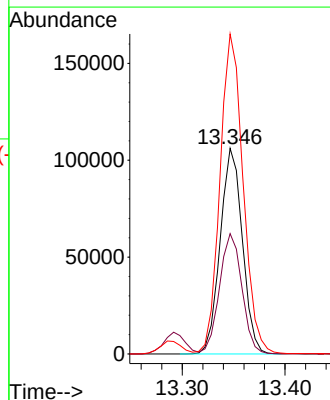
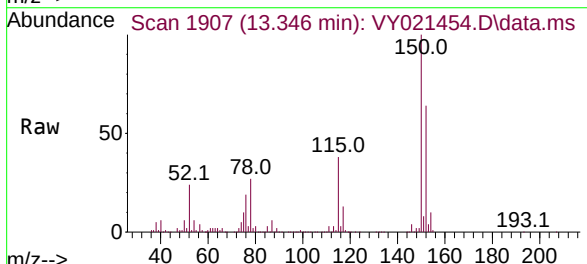
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

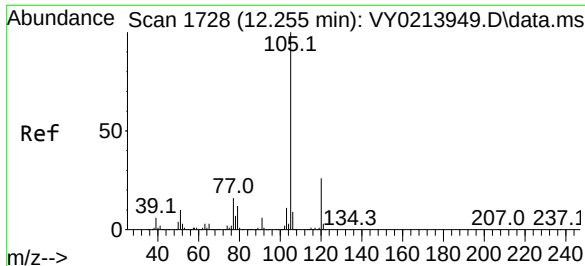
Tgt Ion:173 Resp: 24164
Ion Ratio Lower Upper
173 100
175 50.8 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion:152 Resp: 159031
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 162.4 0.0 347.2

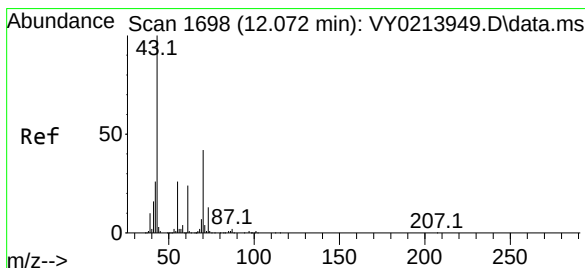
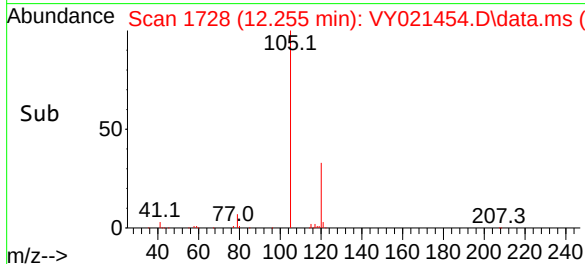
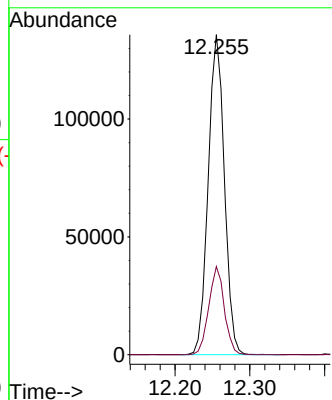
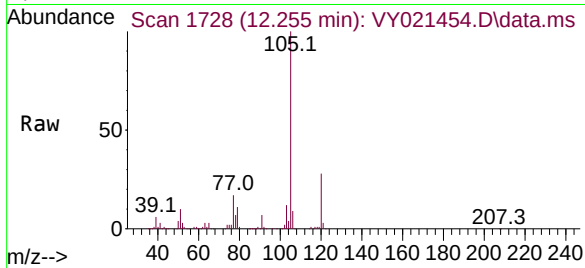




#73
Isopropylbenzene
Concen: 16.251 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

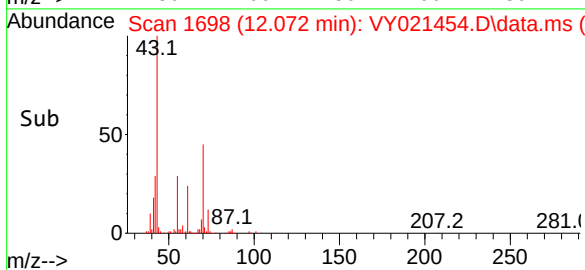
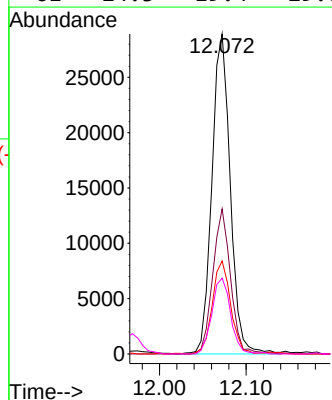
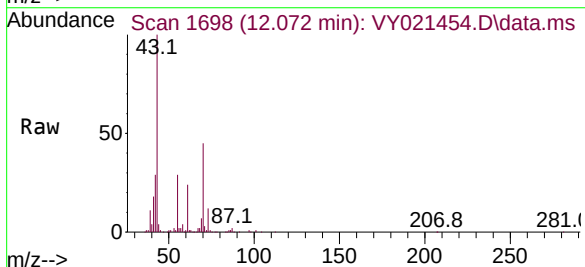
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBSD01

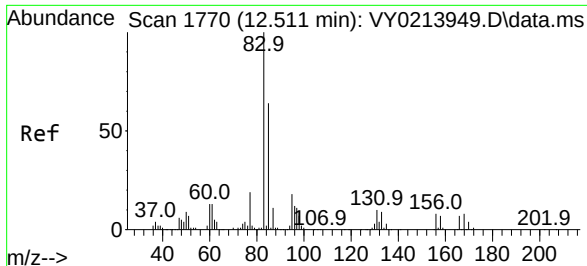
Tgt Ion:105 Resp: 203587
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 15.655 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 43 Resp: 42591
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 29.2 21.1 31.7
61 24.3 19.4 29.0

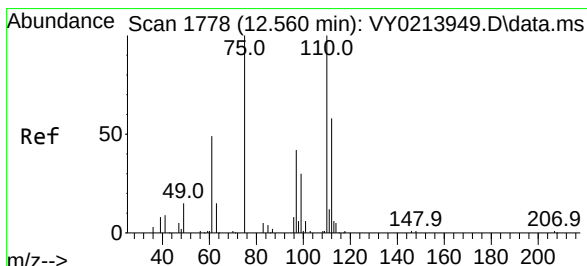
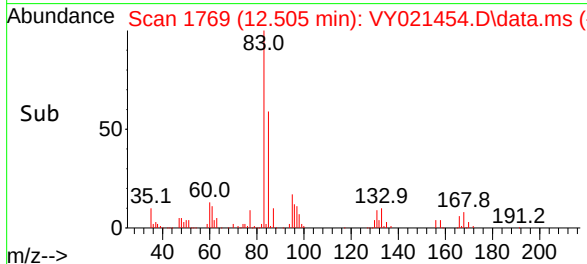
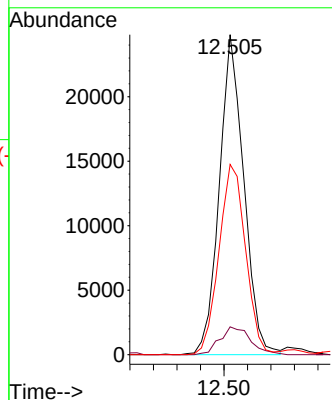
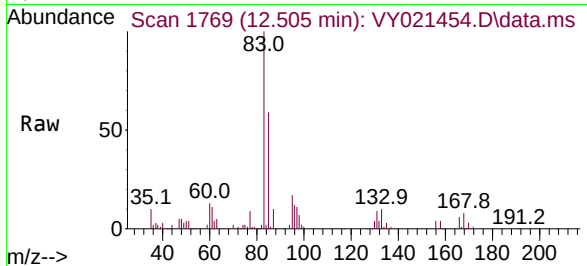




#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.246 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

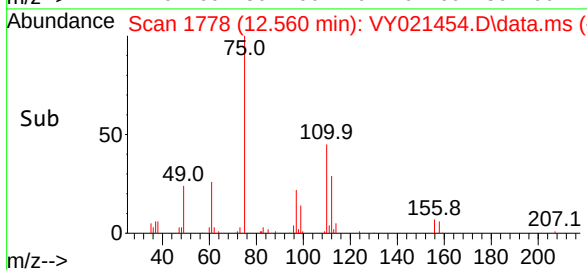
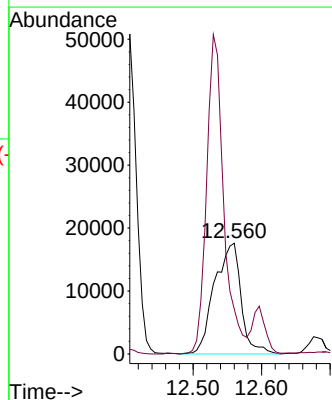
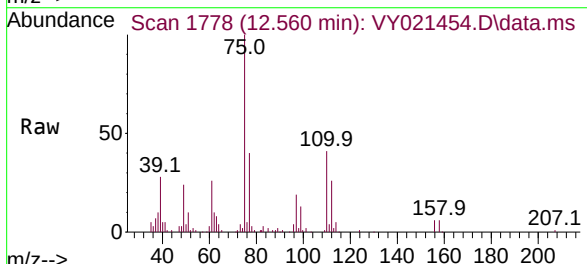
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

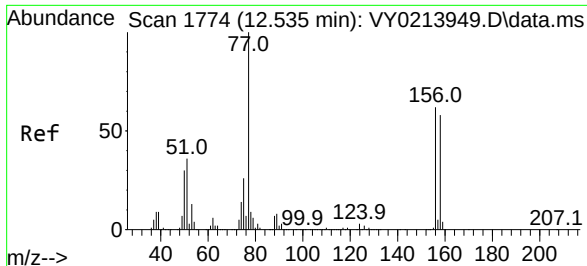
Tgt Ion: 83 Resp: 35913
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 64.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 29.602 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 75 Resp: 47438
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

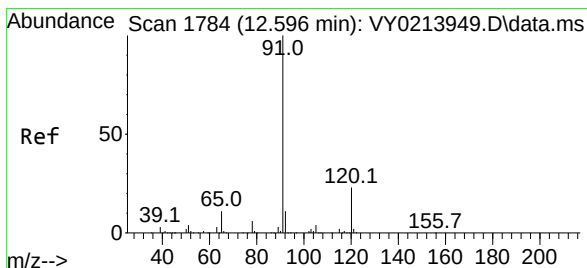
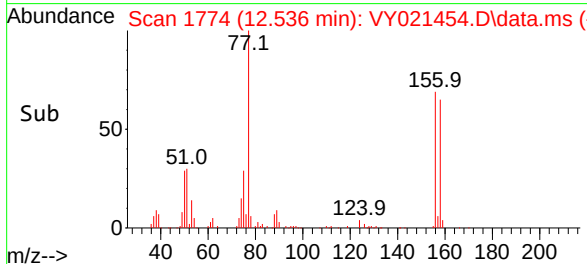
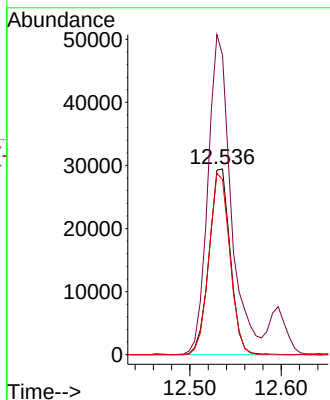
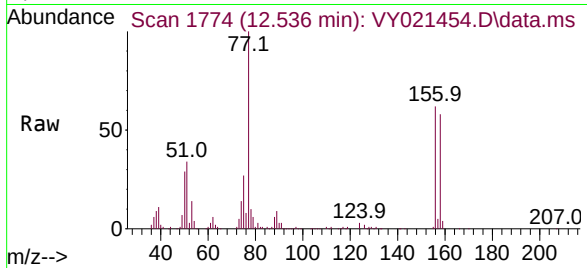




#77
Bromobenzene
Concen: 16.094 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

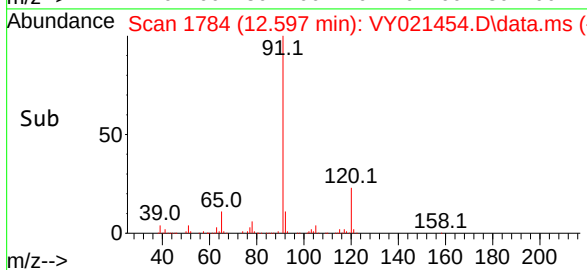
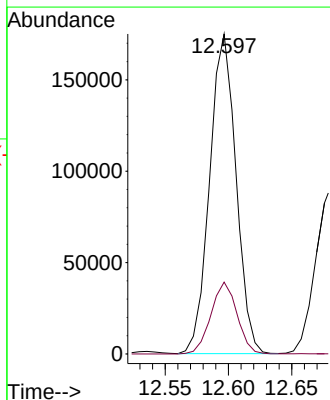
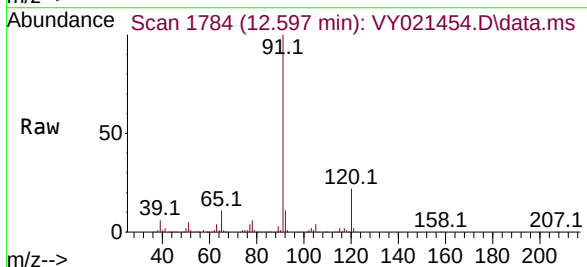
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

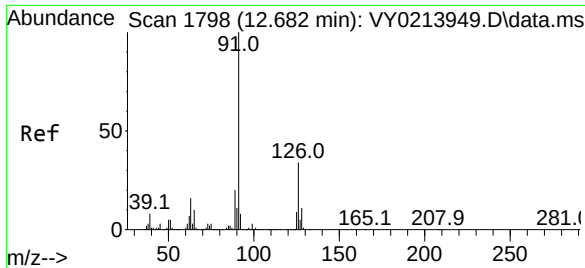
Tgt Ion:156 Resp: 47166
Ion Ratio Lower Upper
156 100
77 188.6 93.6 280.8
158 96.7 48.3 144.8



#78
n-propylbenzene
Concen: 16.669 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 91 Resp: 253605
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8

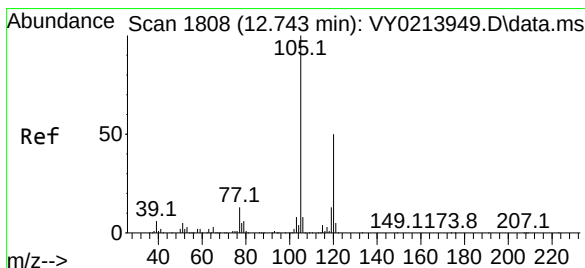
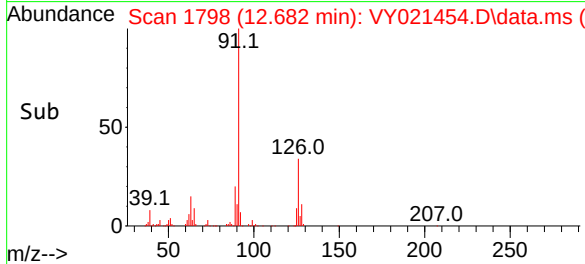
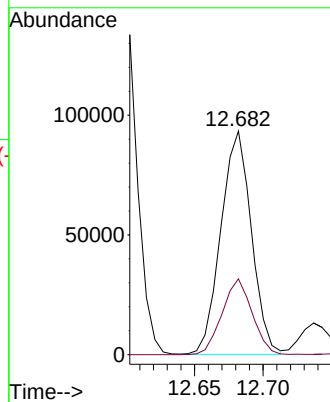
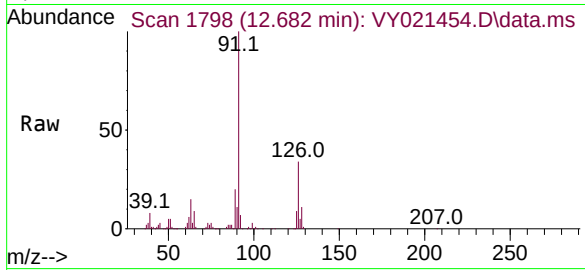




#79
2-Chlorotoluene
Concen: 16.602 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

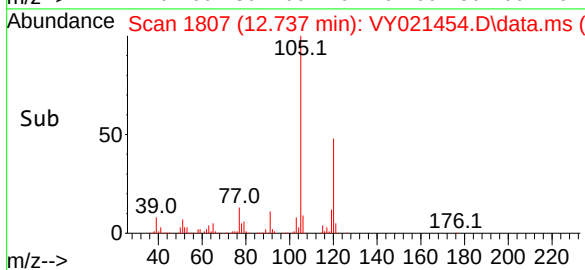
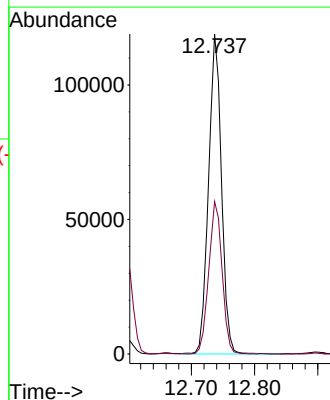
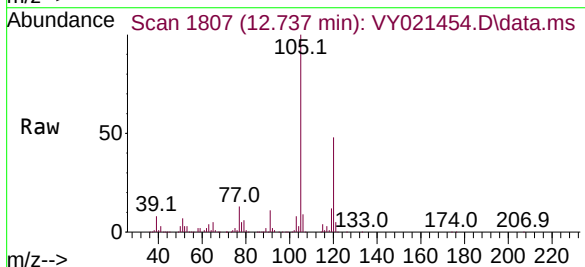
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

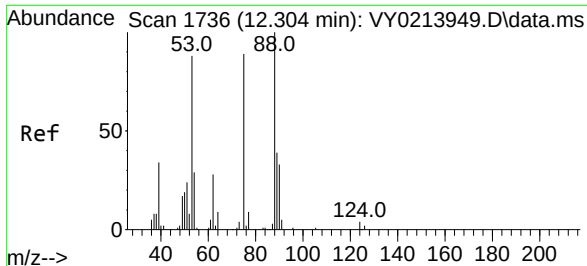
Tgt Ion: 91 Resp: 144424
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 16.614 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021454.D
Acq: 07 Mar 2025 12:26

Tgt Ion: 105 Resp: 169142
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.6

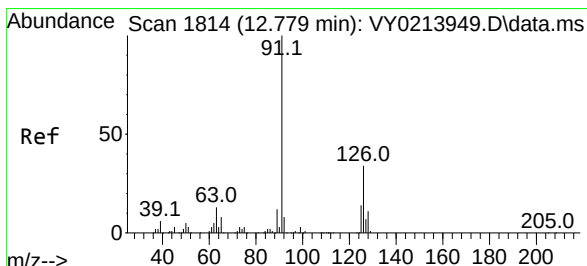
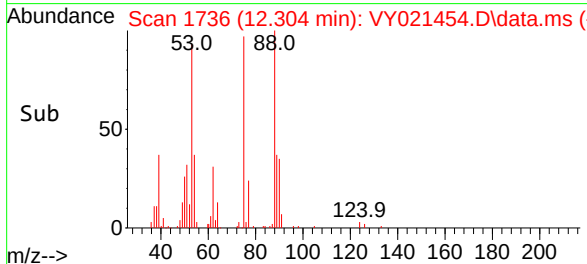
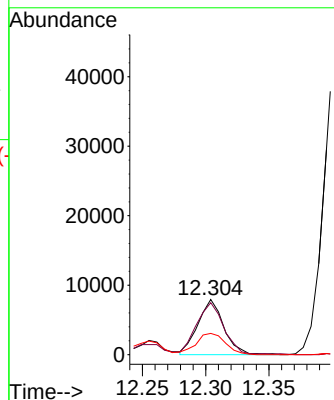
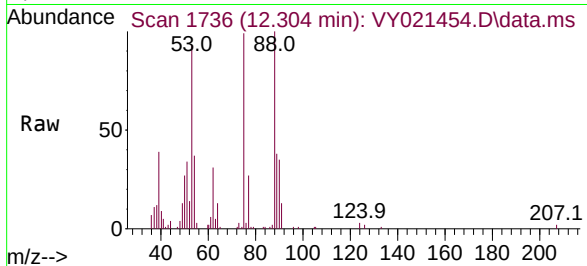




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.075 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

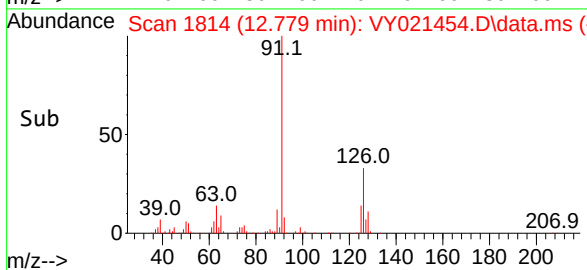
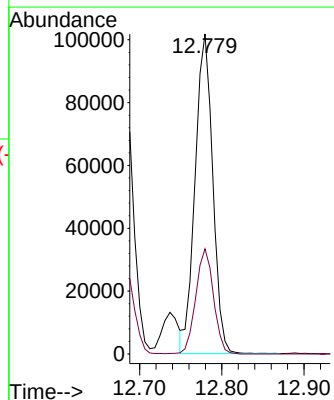
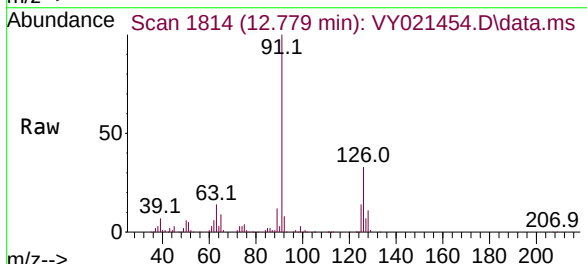
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

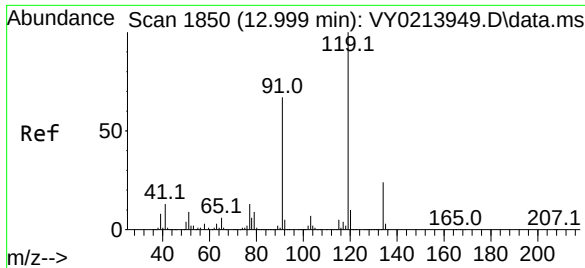
Tgt Ion: 75 Resp: 11332
 Ion Ratio Lower Upper
 75 100
 53 100.1 81.0 121.4
 89 44.4 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 16.831 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion: 91 Resp: 151619
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.0 51.0

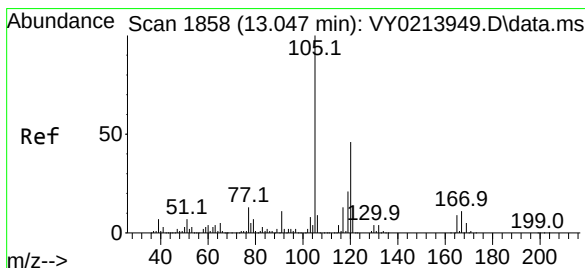
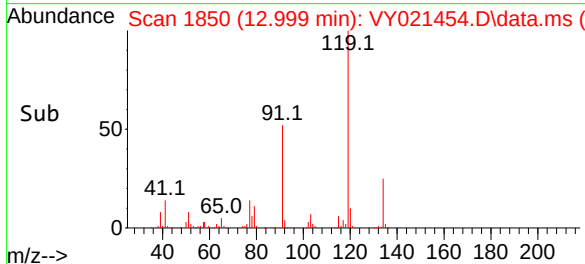
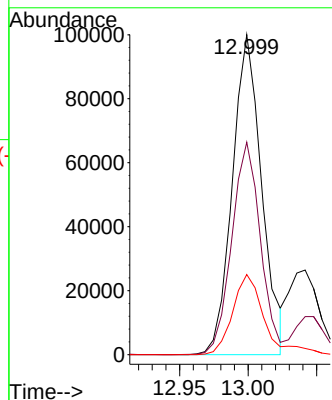
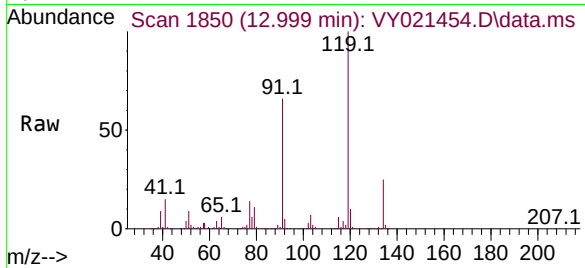




#83
 tert-Butylbenzene
 Concen: 16.423 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

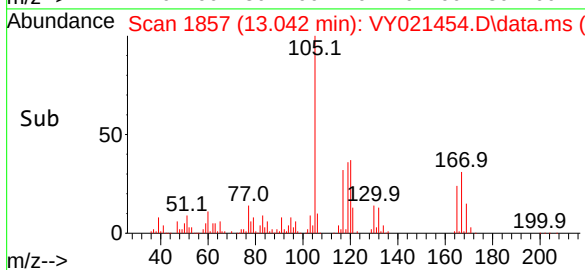
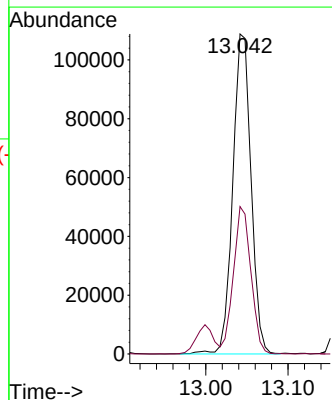
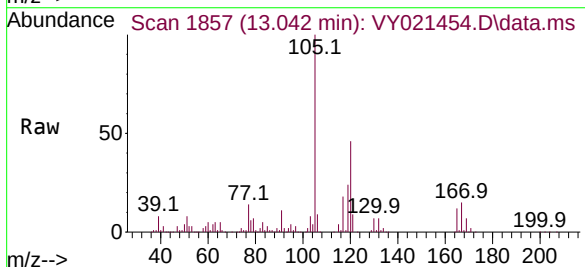
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

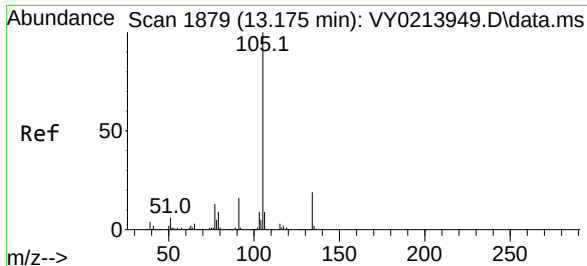
Tgt Ion:	119	Resp:	149151
Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.2	99.6
134	27.1	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 16.622 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion:	105	Resp:	168017
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.1

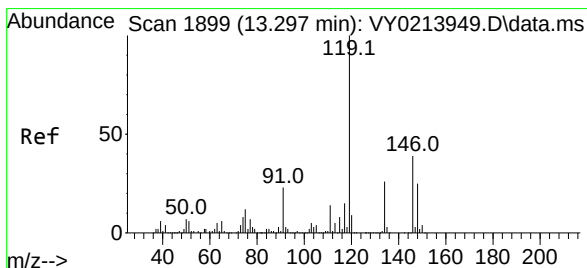
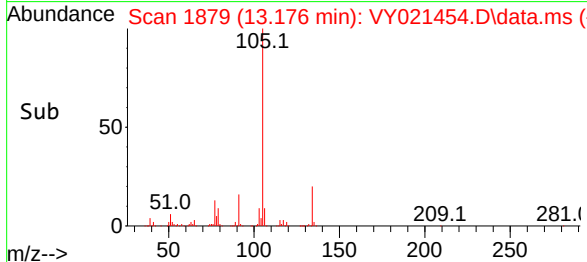
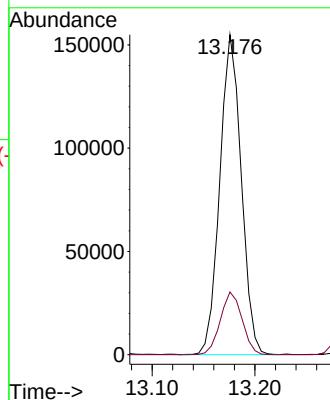
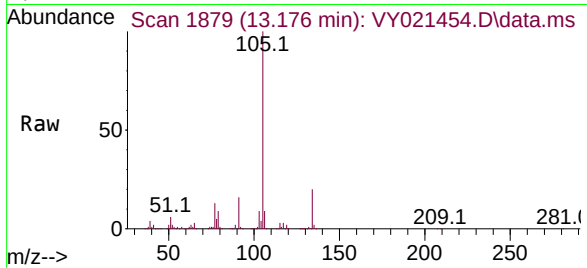




#85
 sec-Butylbenzene
 Concen: 16.599 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

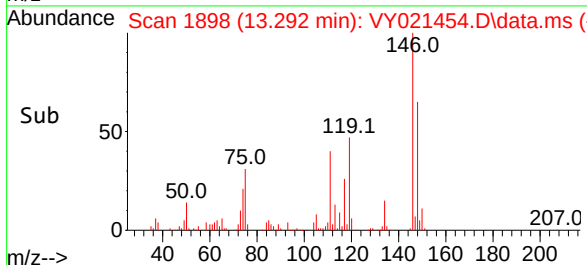
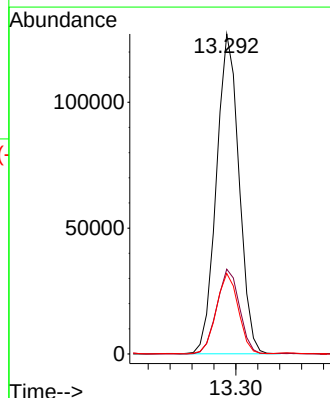
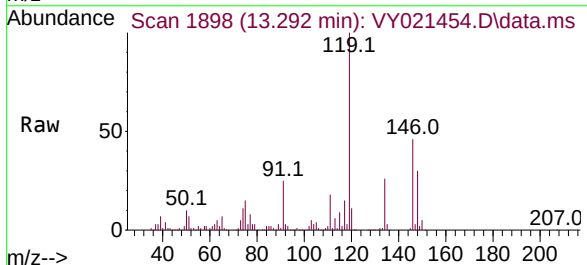
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

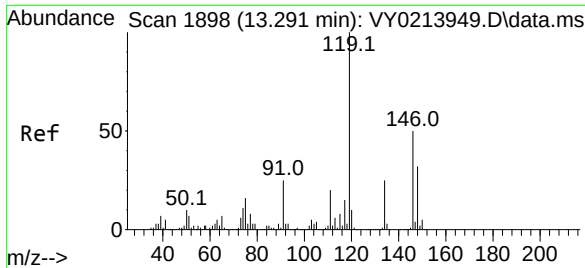
Tgt Ion:105 Resp: 224292
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 16.366 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion:119 Resp: 182186
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 24.6 12.2 36.6

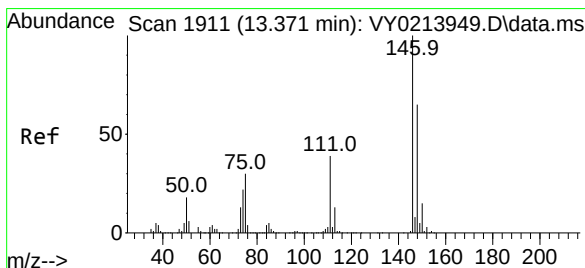
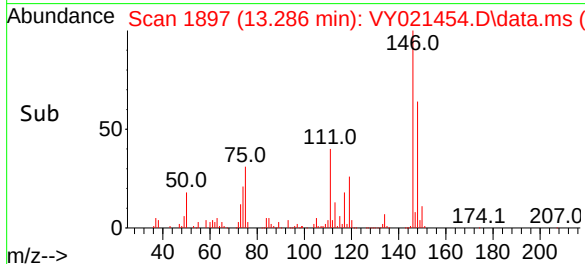
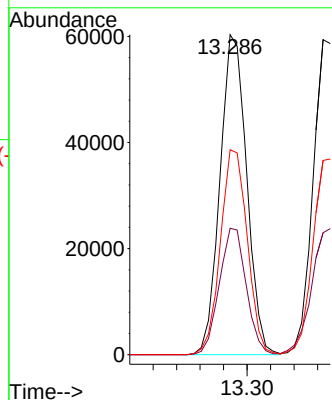
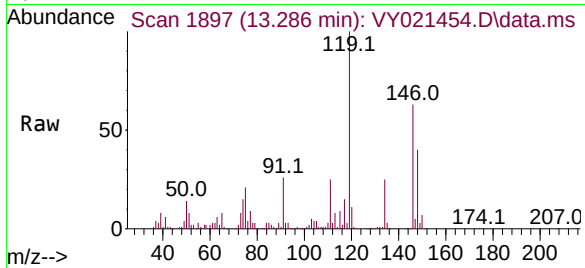




#87
 1,3-Dichlorobenzene
 Concen: 16.340 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

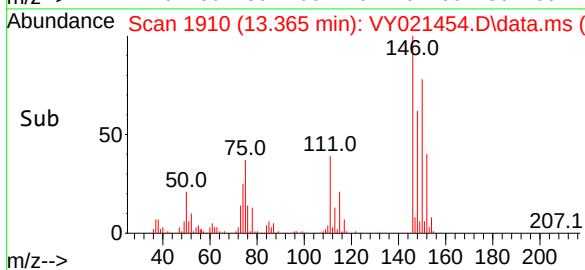
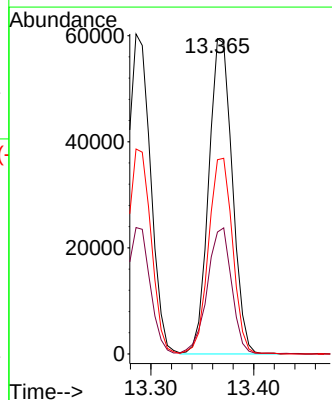
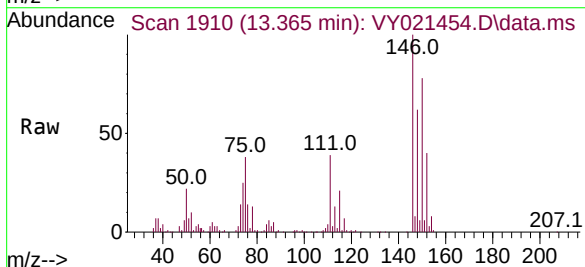
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

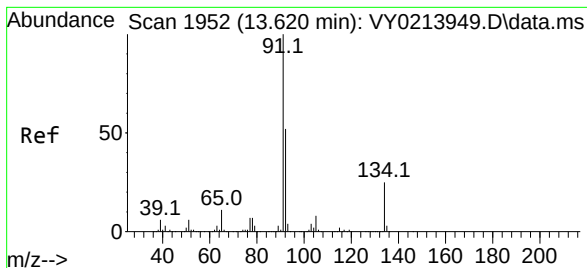
Tgt Ion:146 Resp: 95327
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 64.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 16.615 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion:146 Resp: 94797
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.8
 148 63.5 32.3 96.8





#89

n-Butylbenzene

Concen: 16.449 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

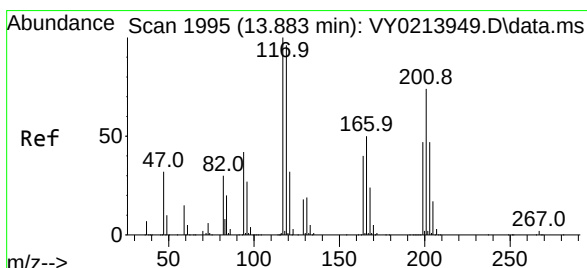
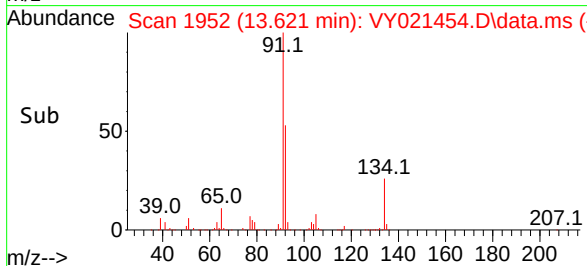
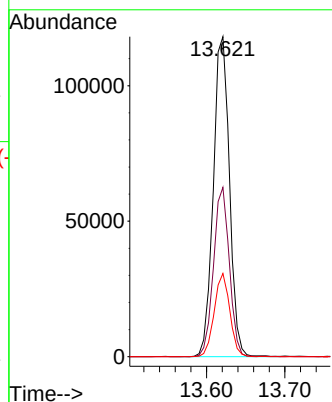
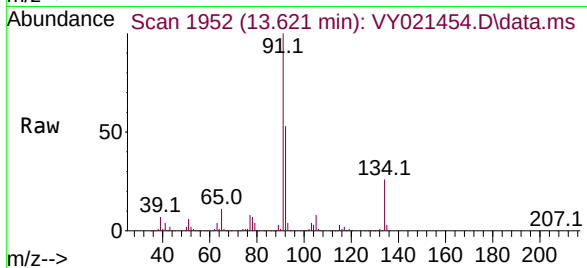
Tgt Ion: 91 Resp: 169086

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 16.803 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021454.D

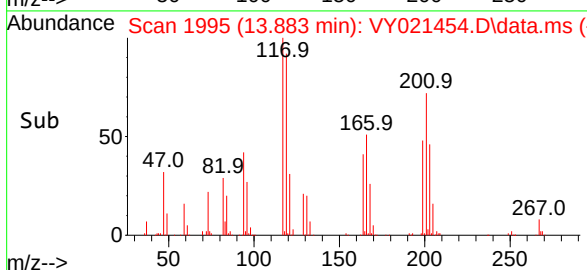
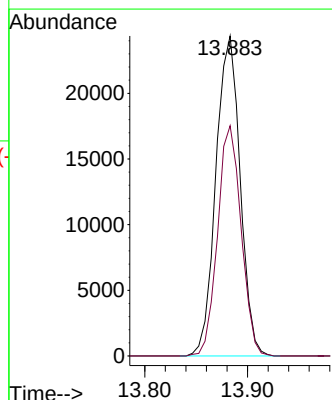
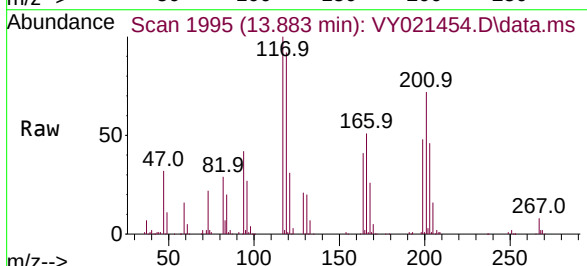
Acq: 07 Mar 2025 12:26

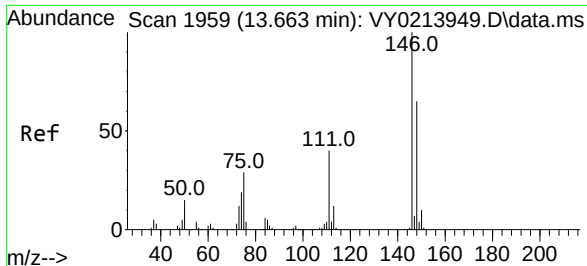
Tgt Ion: 117 Resp: 39905

Ion Ratio Lower Upper

117 100

201 69.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 16.710 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBS01

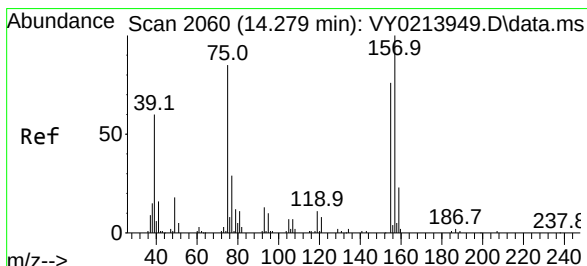
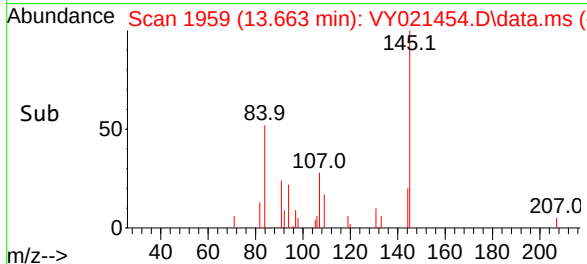
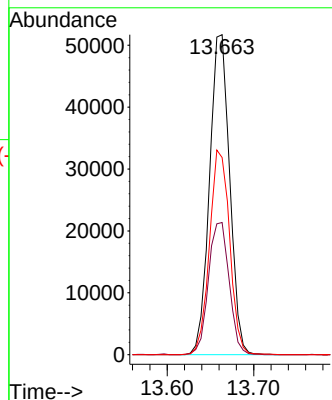
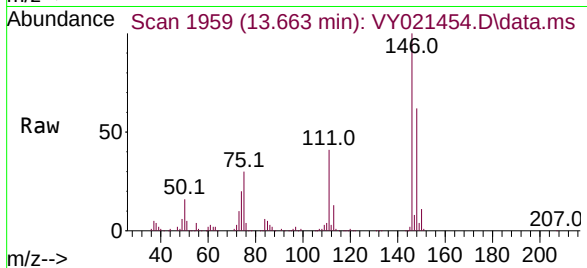
Tgt Ion:146 Resp: 83549

Ion Ratio Lower Upper

146 100

111 42.6 20.7 62.1

148 63.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.763 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

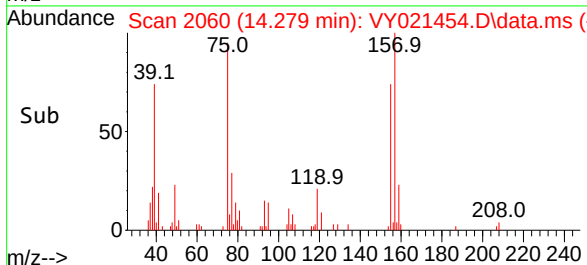
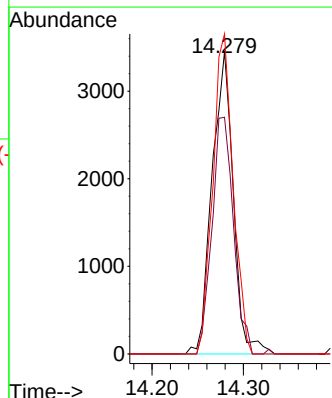
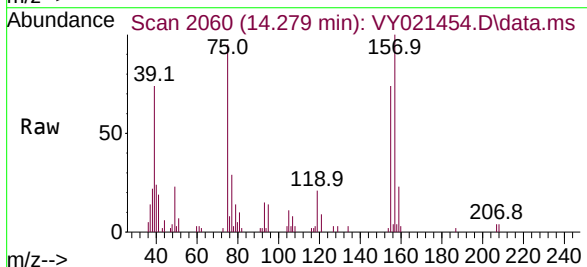
Tgt Ion: 75 Resp: 5551

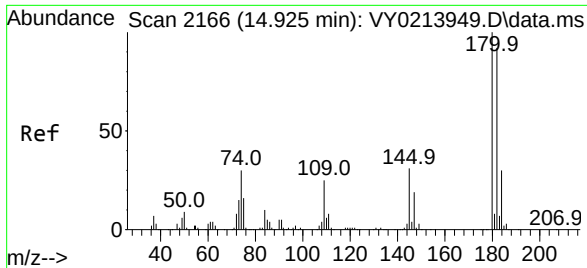
Ion Ratio Lower Upper

75 100

155 79.3 43.5 130.5

157 101.5 54.4 163.2

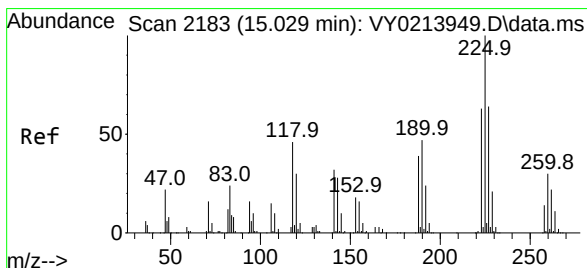
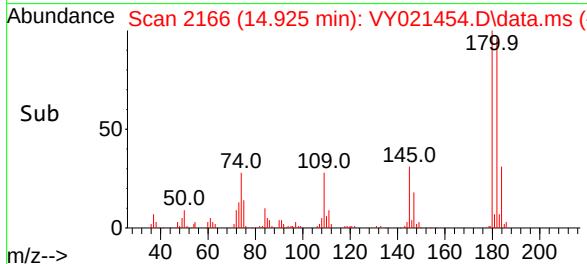
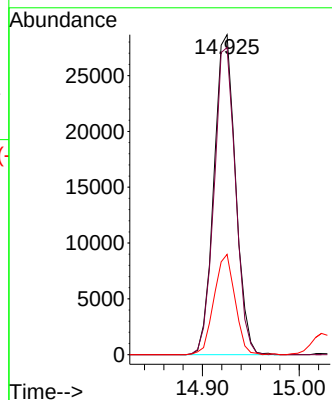
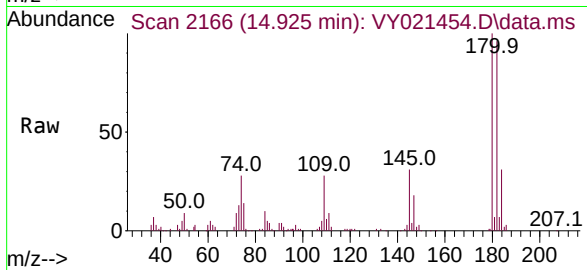




#93
 1,2,4-Trichlorobenzene
 Concen: 16.274 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

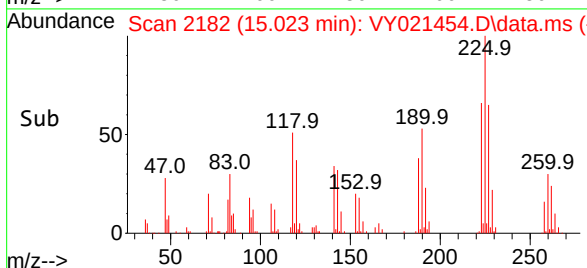
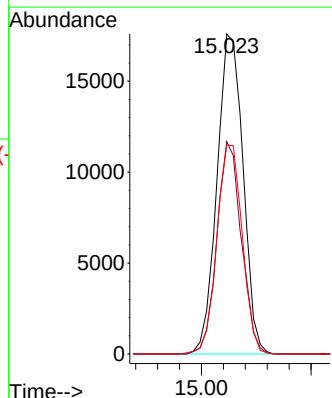
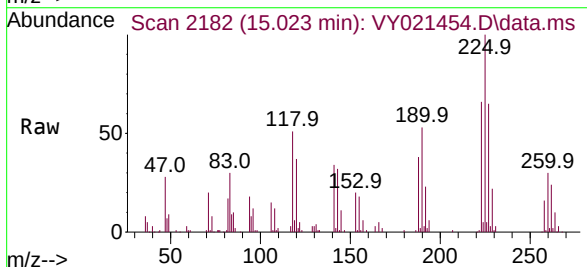
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

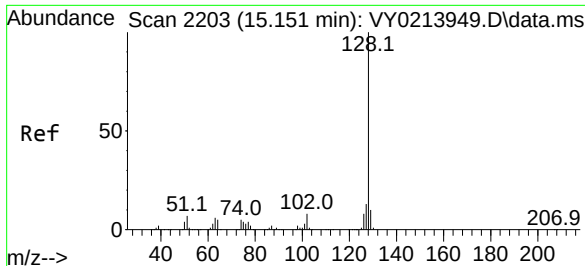
Tgt Ion:180 Resp: 44445
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.7 140.0
 145 30.5 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 16.966 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021454.D
 Acq: 07 Mar 2025 12:26

Tgt Ion:225 Resp: 29045
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.2
 227 63.6 31.8 95.4





#95

Naphthalene

Concen: 16.586 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0307SBSD01

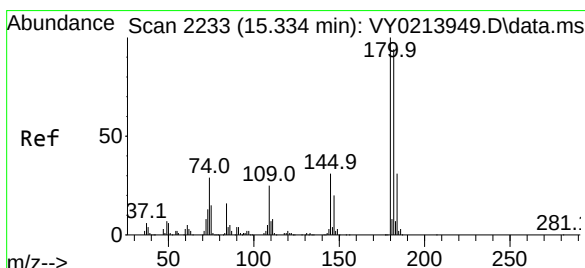
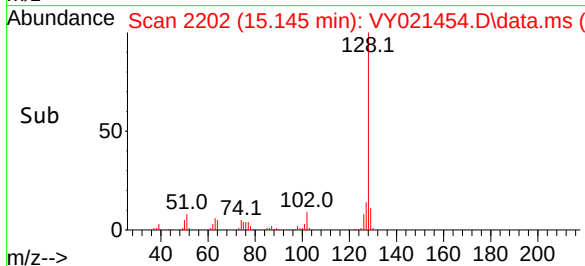
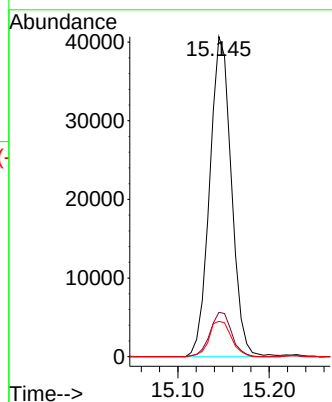
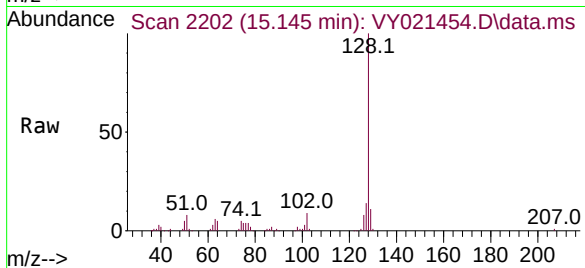
Tgt Ion:128 Resp: 67256

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.382 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021454.D

Acq: 07 Mar 2025 12:26

Tgt Ion:180 Resp: 37629

Ion Ratio Lower Upper

180 100

182 93.4 47.2 141.6

145 32.7 16.4 49.1

