

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021513.D
 Acq On : 12 Mar 2025 16:43
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Quant Time: Mar 13 01:38:31 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	193371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	302147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	111823	54.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.420%	
35) Dibromofluoromethane	7.634	113	106896	53.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.103	98	394505	52.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.408	95	137978	53.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.880%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	32423	18.272	ug/l	98
3) Chloromethane	2.068	50	46963	18.772	ug/l	97
4) Vinyl Chloride	2.202	62	54435	19.911	ug/l	100
5) Bromomethane	2.586	94	39696	20.090	ug/l	94
6) Chloroethane	2.732	64	40151	22.223	ug/l	98
7) Trichlorofluoromethane	3.056	101	83705	21.935	ug/l	99
8) Diethyl Ether	3.452	74	20216	19.116	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	41203	18.912	ug/l	97
10) Methyl Iodide	4.007	142	40184	18.144	ug/l	98
11) Tert butyl alcohol	4.854	59	13594	87.667	ug/l	98
12) 1,1-Dichloroethene	3.787	96	37877	19.069	ug/l	98
13) Acrolein	3.653	56	13034	125.380	ug/l	93
14) Allyl chloride	4.379	41	59357	18.491	ug/l	100
15) Acrylonitrile	5.061	53	45187	100.376	ug/l	98
16) Acetone	3.873	43	37805	84.807	ug/l	100
17) Carbon Disulfide	4.104	76	110999	17.831	ug/l	98
18) Methyl Acetate	4.379	43	19422	19.636	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	92242	18.322	ug/l	96
20) Methylene Chloride	4.616	84	48544	20.746	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	41076	18.465	ug/l	93
22) Diisopropyl ether	6.018	45	139292	20.135	ug/l	97
23) Vinyl Acetate	5.958	43	375333	95.067	ug/l	98
24) 1,1-Dichloroethane	5.915	63	80725	19.771	ug/l	97
25) 2-Butanone	6.890	43	56022	90.850	ug/l	99
26) 2,2-Dichloropropane	6.884	77	69475	18.493	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	48009	18.997	ug/l	100
28) Bromochloromethane	7.244	49	34475	20.141	ug/l	98
29) Tetrahydrofuran	7.256	42	36345	95.473	ug/l	98
30) Chloroform	7.421	83	86771	20.466	ug/l	99
31) Cyclohexane	7.701	56	67078	17.524	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	74735	19.252	ug/l	98
36) 1,1-Dichloropropene	7.835	75	58486	18.813	ug/l	99
37) Ethyl Acetate	6.982	43	26271	19.119	ug/l	99
38) Carbon Tetrachloride	7.817	117	67365	18.841	ug/l	96
39) Methylcyclohexane	9.109	83	64588	16.938	ug/l	97
40) Benzene	8.079	78	178809	19.525	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13093	17.500	ug/l	94
42) 1,2-Dichloroethane	8.158	62	51737	20.194	ug/l	98
43) Isopropyl Acetate	8.195	43	51174	19.185	ug/l #	86
44) Trichloroethene	8.866	130	45118	19.496	ug/l	98
45) 1,2-Dichloropropane	9.140	63	43782	20.087	ug/l	97
46) Dibromomethane	9.231	93	24532	20.229	ug/l	98
47) Bromodichloromethane	9.420	83	64904	20.153	ug/l	99
48) Methyl methacrylate	9.219	41	23068	18.833	ug/l	97
49) 1,4-Dioxane	9.231	88	5153	432.902	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	133550	97.037	ug/l	98
52) Toluene	10.170	92	112172	19.428	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	54957	19.368	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	63999	18.998	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	32123	20.249	ug/l	98
56) Ethyl methacrylate	10.438	69	38686	19.121	ug/l	97
57) 1,3-Dichloropropane	10.719	76	55337	20.126	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	94361	101.034	ug/l	99
59) 2-Hexanone	10.762	43	85133	93.550	ug/l	98
60) Dibromochloromethane	10.908	129	42949	19.748	ug/l	100
61) 1,2-Dibromoethane	11.018	107	29651	19.804	ug/l	96
64) Tetrachloroethene	10.646	164	48040	21.547	ug/l	98
65) Chlorobenzene	11.444	112	121430	18.754	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	44398	19.395	ug/l	99
67) Ethyl Benzene	11.517	91	204139	17.963	ug/l	99
68) m/p-Xylenes	11.627	106	159029	36.859	ug/l	99
69) o-Xylene	11.956	106	72895	18.332	ug/l	100
70) Styrene	11.969	104	123962	18.791	ug/l	100
71) Bromoform	12.133	173	25097	19.612	ug/l #	98
73) Isopropylbenzene	12.255	105	193661	17.155	ug/l	100
74) N-amyl acetate	12.072	43	41240	16.822	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	36428	18.287	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	26936m	18.653	ug/l	
77) Bromobenzene	12.530	156	48274	18.279	ug/l	99
78) n-propylbenzene	12.597	91	241112	17.587	ug/l	100
79) 2-Chlorotoluene	12.682	91	140149	17.878	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	162223	17.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10507	16.540	ug/l	94
82) 4-Chlorotoluene	12.779	91	145561	17.931	ug/l	100
83) tert-Butylbenzene	12.999	119	142436	17.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	162346	17.824	ug/l	100
85) sec-Butylbenzene	13.176	105	213575	17.540	ug/l	99
86) p-Isopropyltoluene	13.292	119	174868	17.432	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	94907	18.053	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	93396	18.166	ug/l	99
89) n-Butylbenzene	13.615	91	161039	17.385	ug/l	99
90) Hexachloroethane	13.877	117	38640	18.056	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	83638	18.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5067	16.980	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	42181	17.140	ug/l	99
94) Hexachlorobutadiene	15.023	225	27746	17.986	ug/l	99
95) Naphthalene	15.145	128	64719	17.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	36181	17.480	ug/l	98

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

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

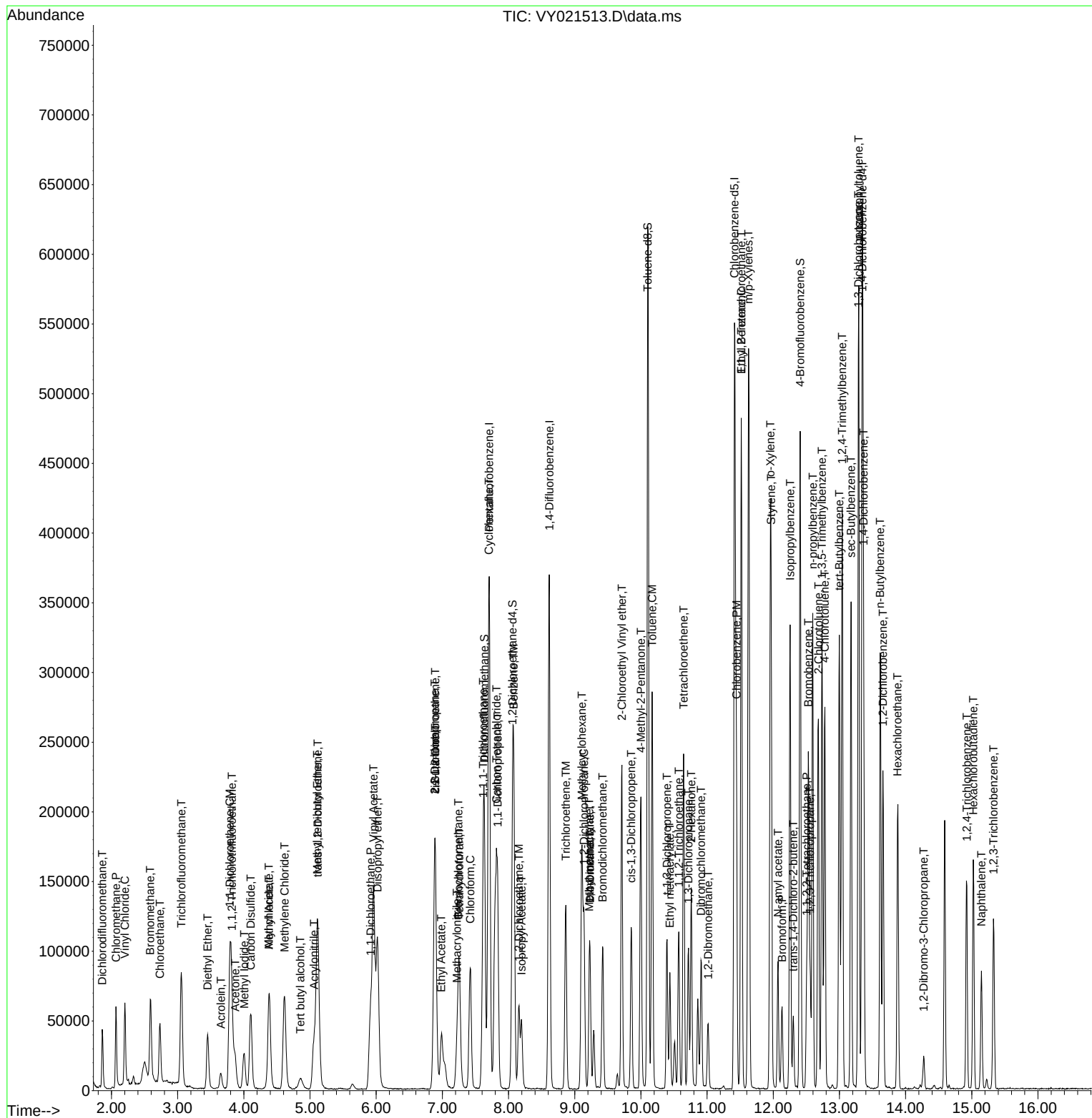
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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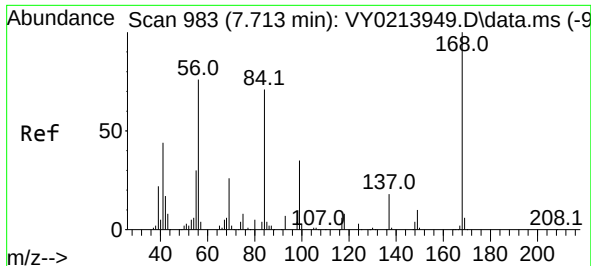
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/soil
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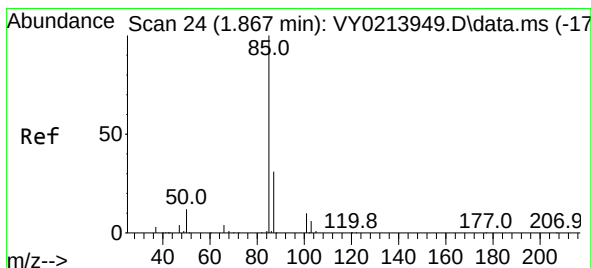
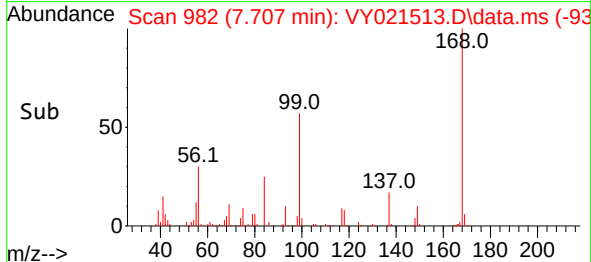
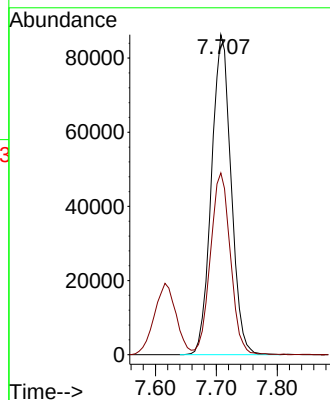
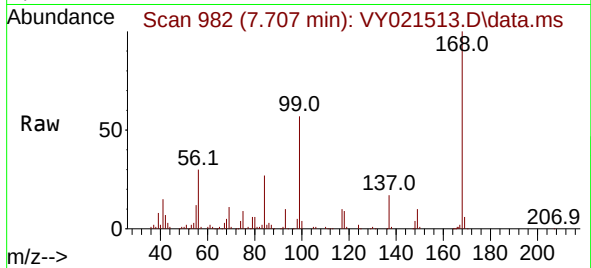




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

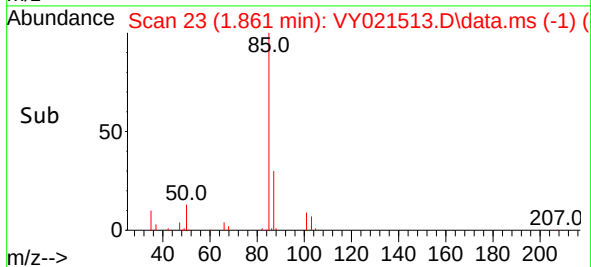
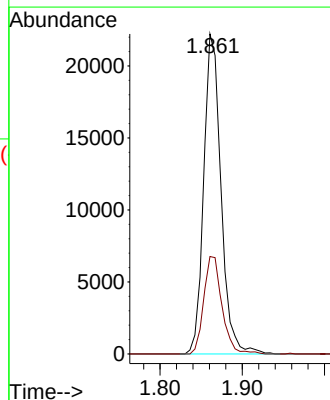
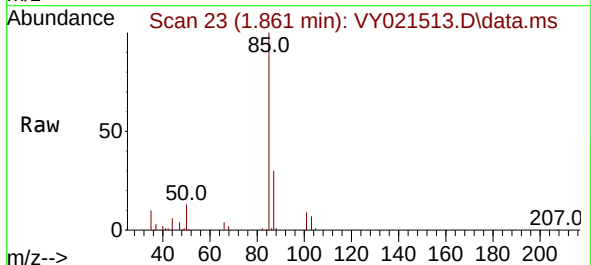
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

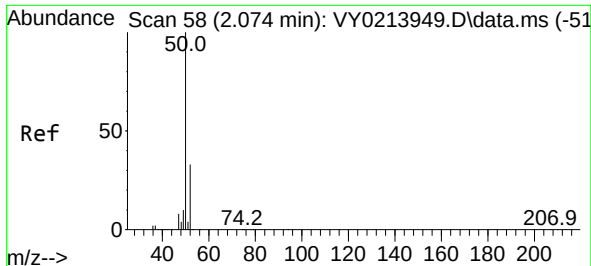
Tgt Ion:168 Resp: 193371
Ion Ratio Lower Upper
168 100
99 56.7 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.272 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 85 Resp: 32423
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0

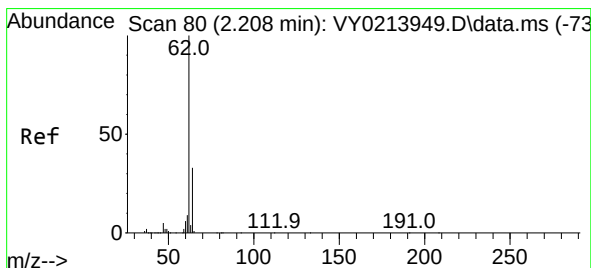
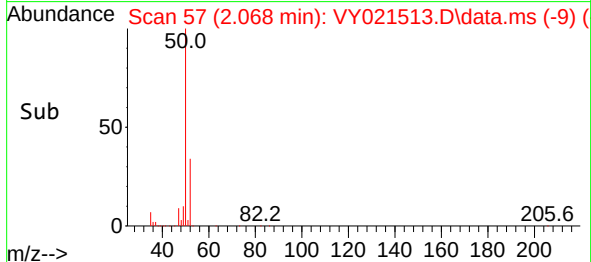
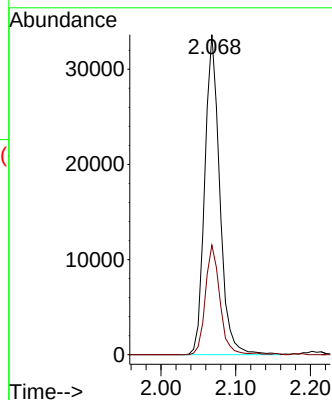
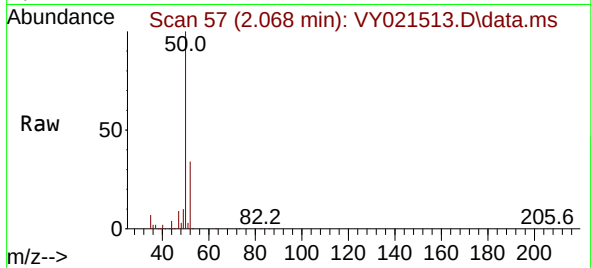




#3
Chloromethane
Concen: 18.772 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

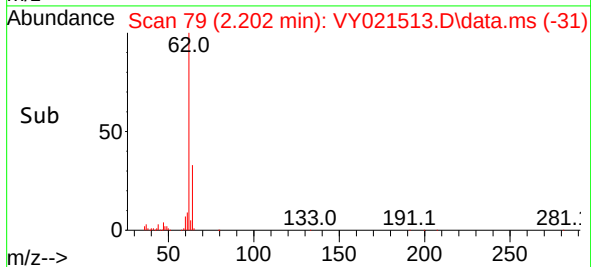
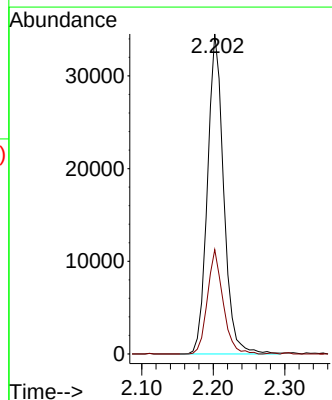
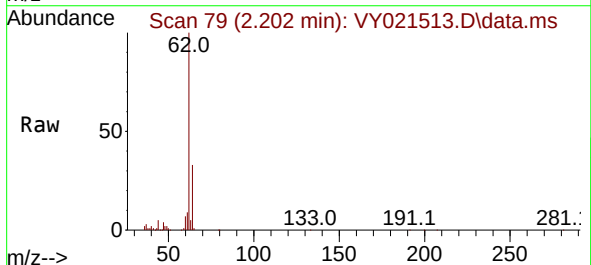
Instrument :
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ClientSampleId :
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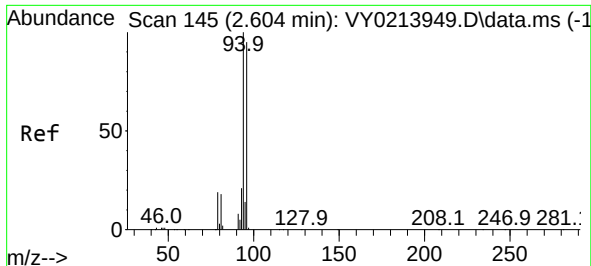
Tgt Ion: 50 Resp: 46963
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2



#4
Vinyl Chloride
Concen: 19.911 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 62 Resp: 54435
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2

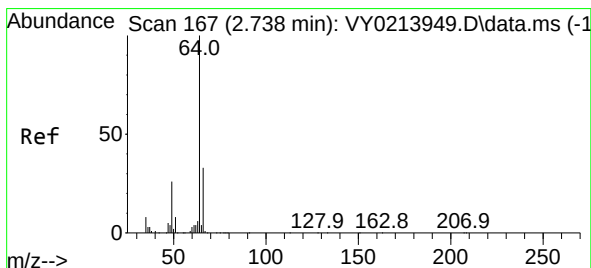
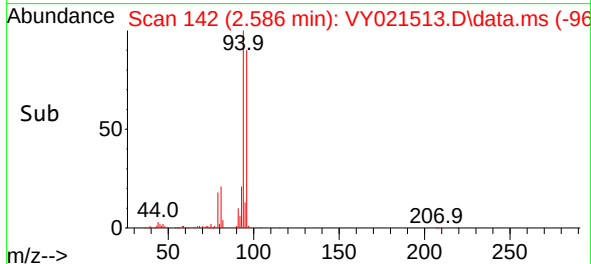
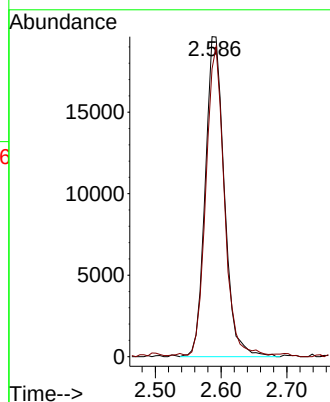
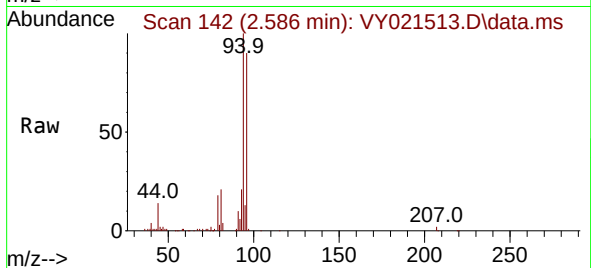




#5
Bromomethane
Concen: 20.090 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

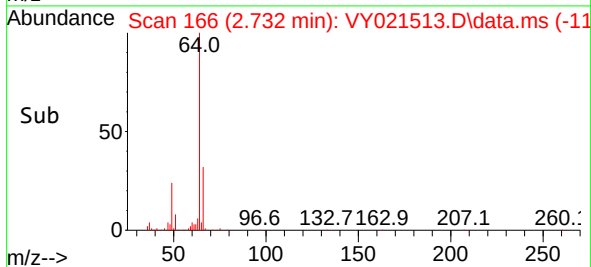
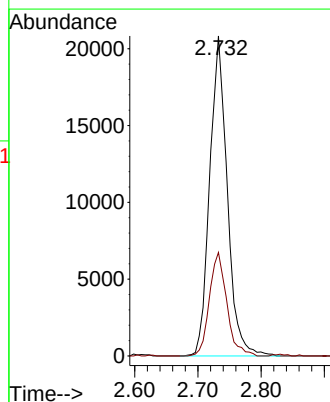
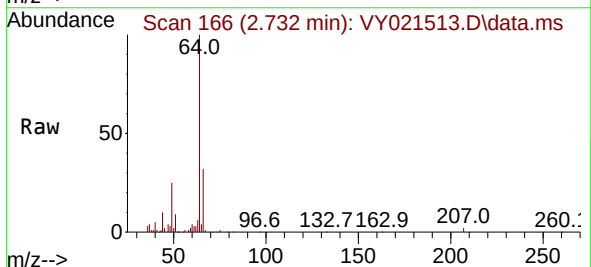
Instrument :
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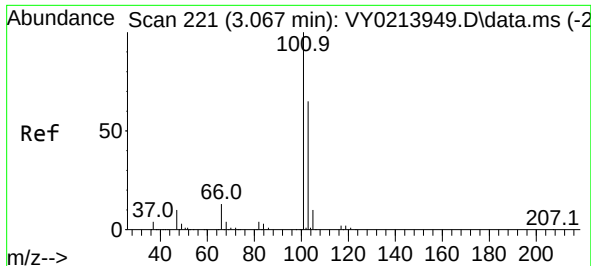
Tgt Ion: 94 Resp: 39696
Ion Ratio Lower Upper
94 100
96 89.1 76.3 114.5



#6
Chloroethane
Concen: 22.223 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 64 Resp: 40151
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1

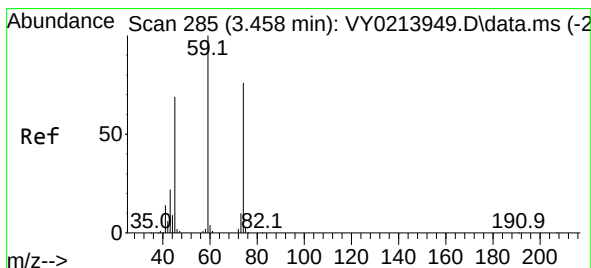
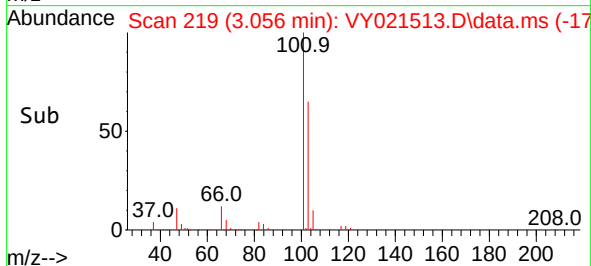
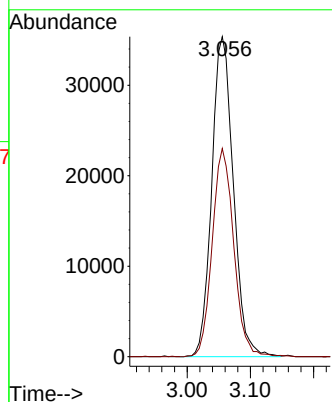
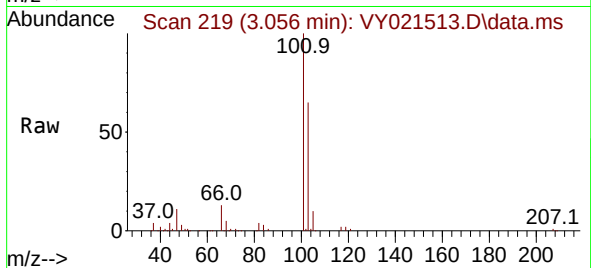




#7
 Trichlorofluoromethane
 Concen: 21.935 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

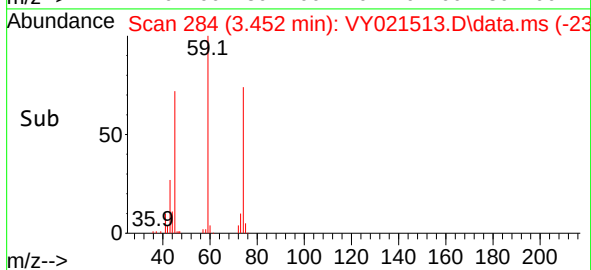
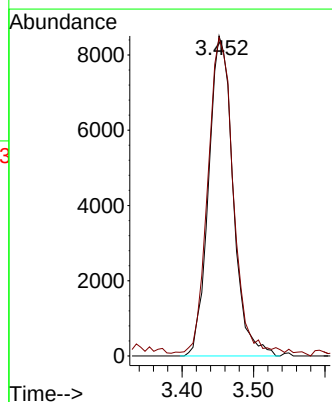
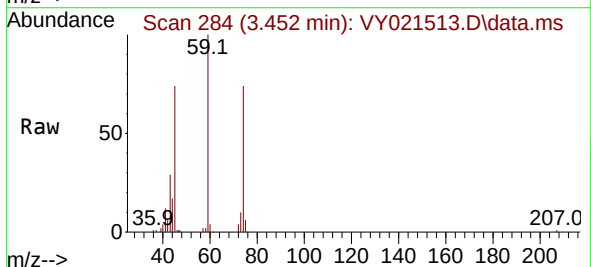
Instrument :
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 VY0312SBSD01

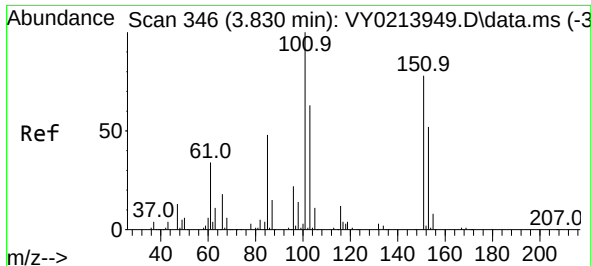
Tgt Ion:101 Resp: 83705
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.116 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021513.D
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Tgt Ion: 74 Resp: 20216
 Ion Ratio Lower Upper
 74 100
 45 101.9 49.7 149.1

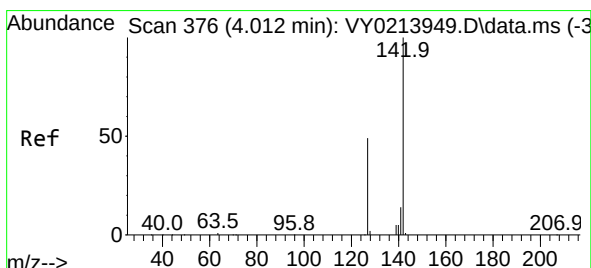
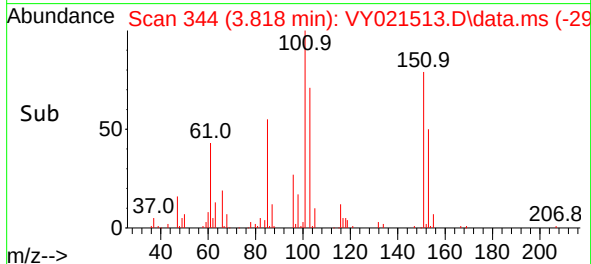
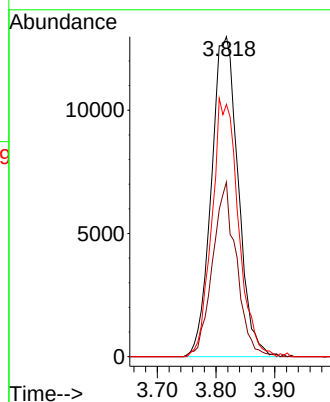
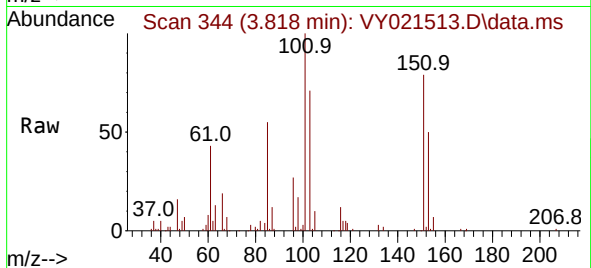




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.912 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

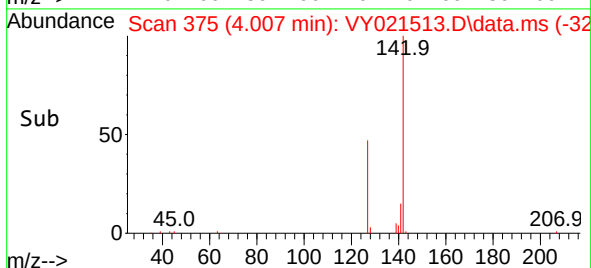
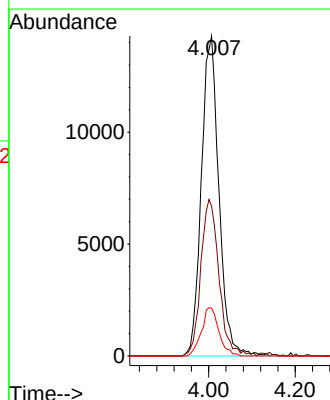
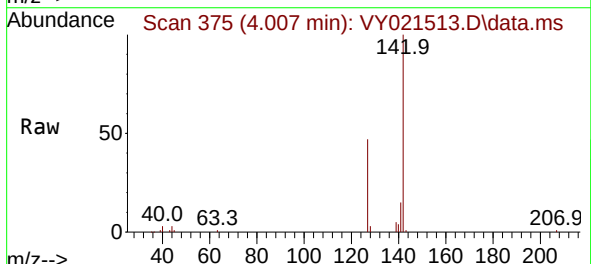
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

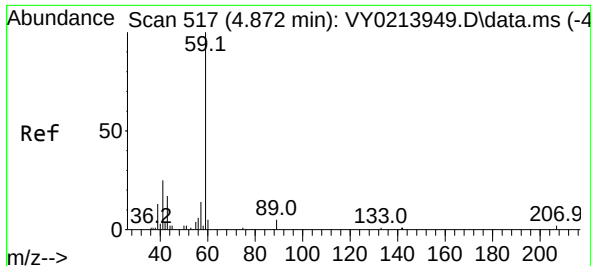
Tgt Ion:	101	Resp:	41203
Ion	Ratio	Lower	Upper
101	100		
85	48.7	37.1	55.7
151	79.4	62.1	93.1



#10
Methyl Iodide
Concen: 18.144 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:	142	Resp:	40184
Ion	Ratio	Lower	Upper
142	100		
127	50.4	39.1	58.7
141	15.0	11.8	17.6

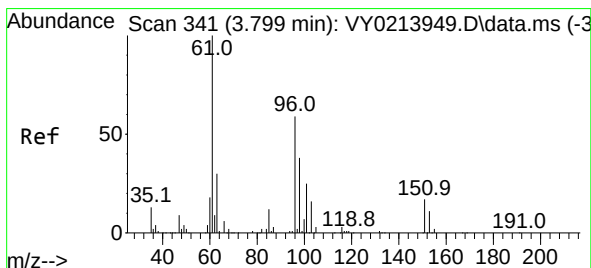
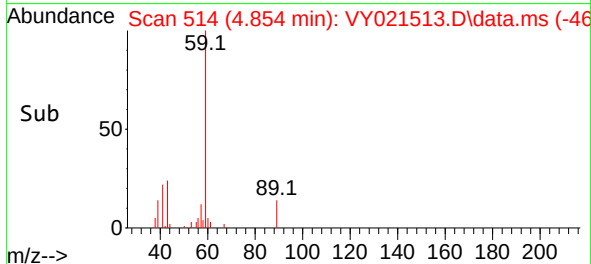
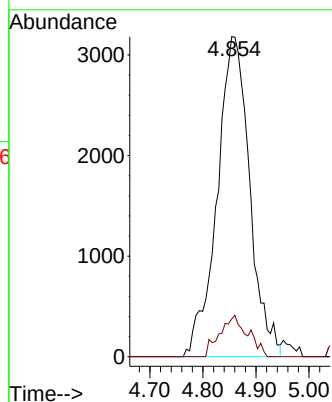
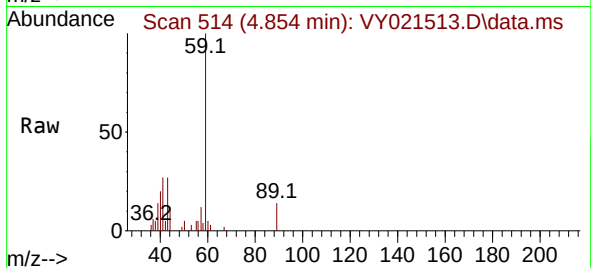




#11
Tert butyl alcohol
Concen: 87.667 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

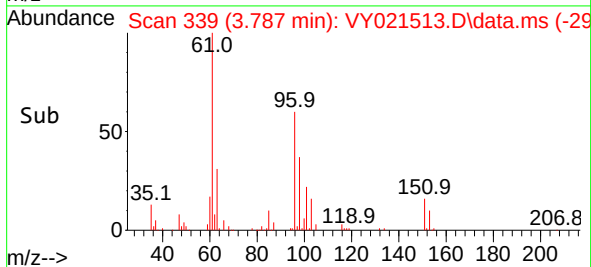
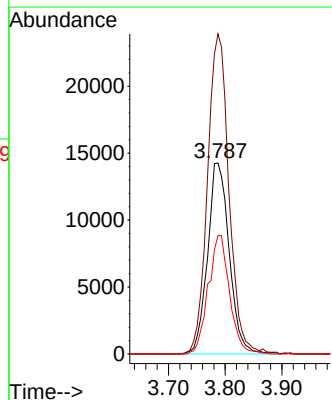
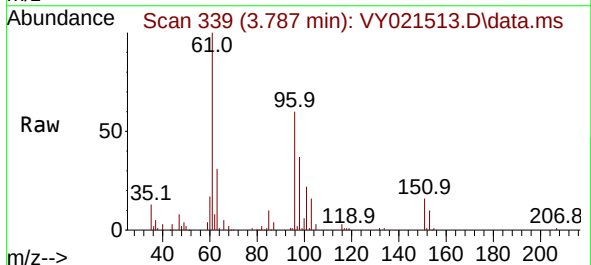
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

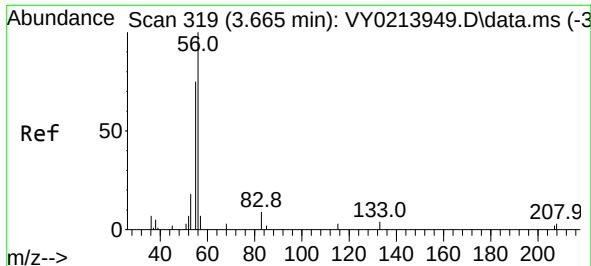
Tgt Ion: 59 Resp: 13594
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.069 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 96 Resp: 37877
Ion Ratio Lower Upper
96 100
61 167.6 135.2 202.8
98 62.0 51.4 77.2

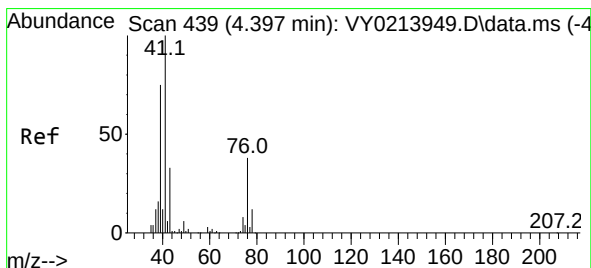
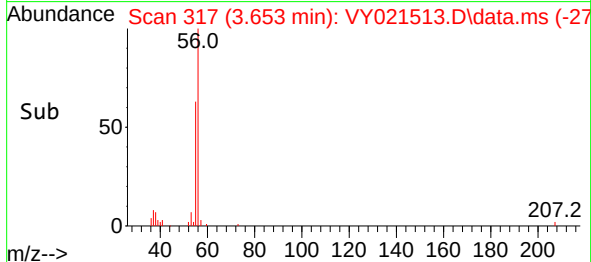
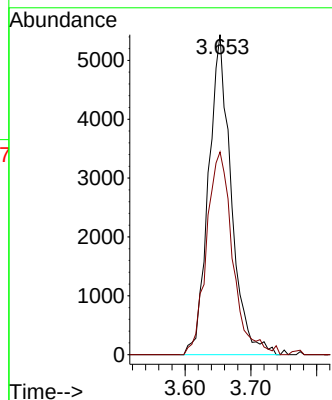
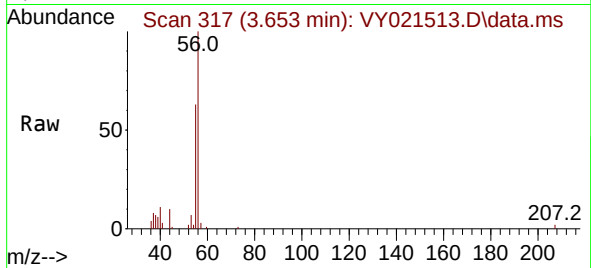




#13
Acrolein
Concen: 125.380 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

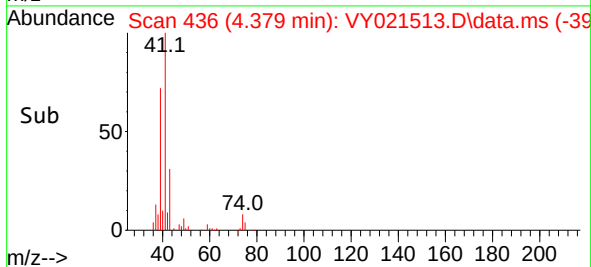
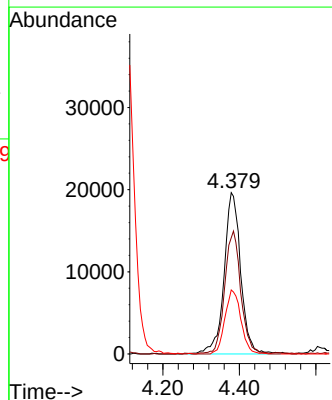
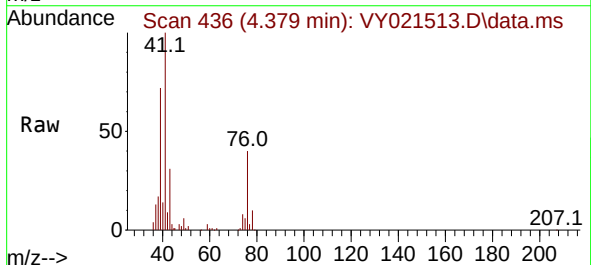
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

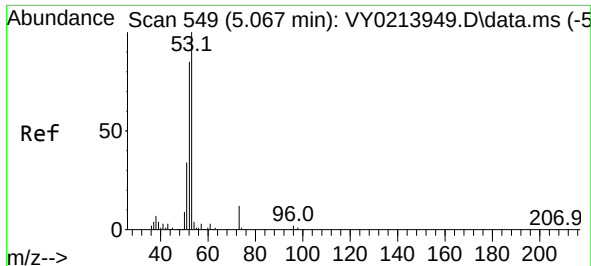
Tgt Ion: 56 Resp: 13034
Ion Ratio Lower Upper
56 100
55 73.2 63.4 95.2



#14
Allyl chloride
Concen: 18.491 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 41 Resp: 59357
Ion Ratio Lower Upper
41 100
39 74.2 59.3 88.9
76 37.9 29.8 44.8

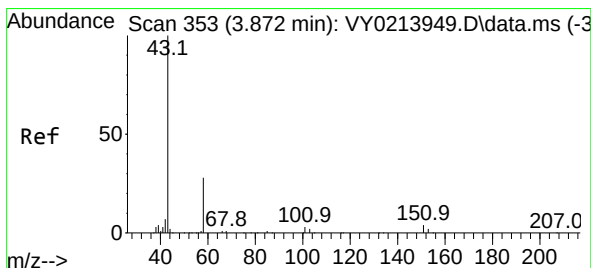
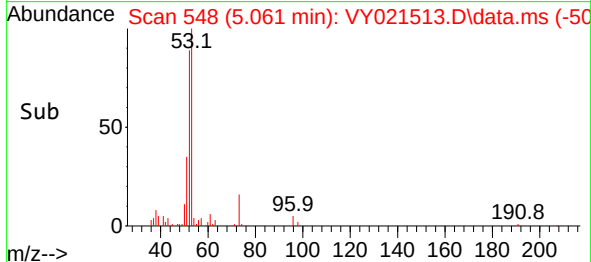
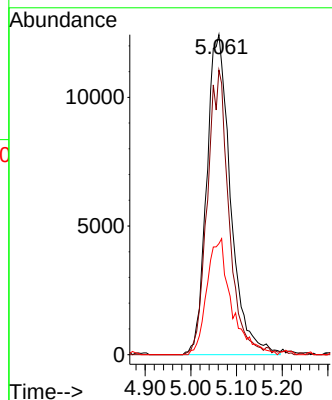
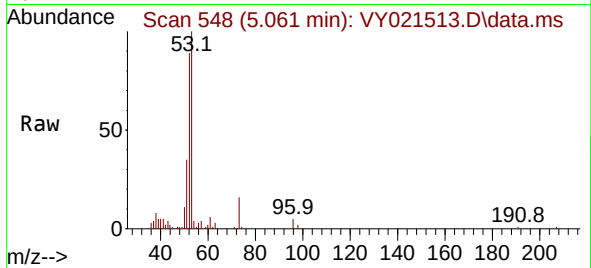




#15
Acrylonitrile
Concen: 100.376 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

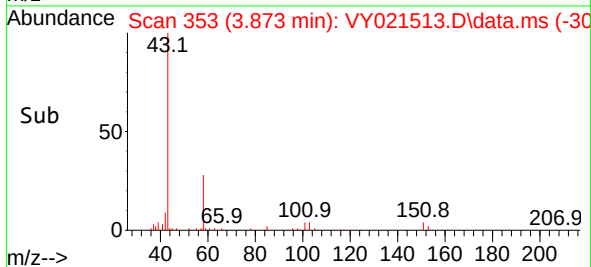
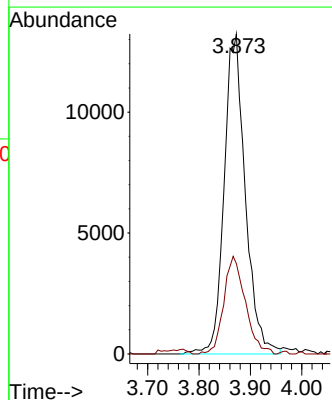
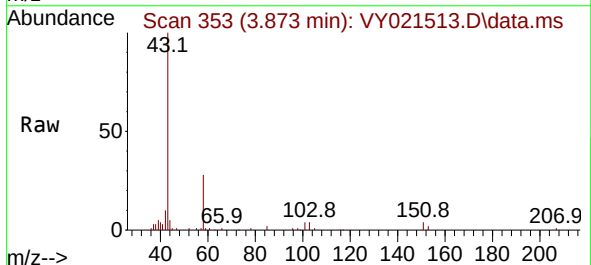
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

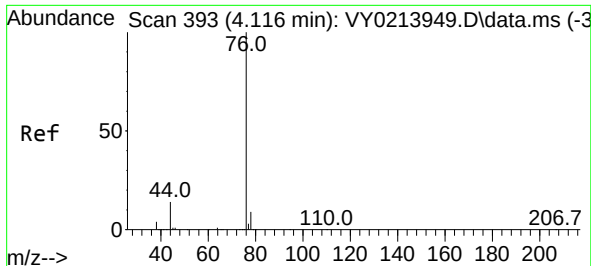
Tgt Ion:	53	Resp:	45187
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.3	99.5
51	37.3	30.3	45.5



#16
Acetone
Concen: 84.807 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:	43	Resp:	37805
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1

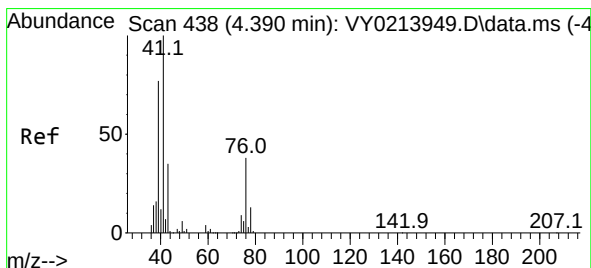
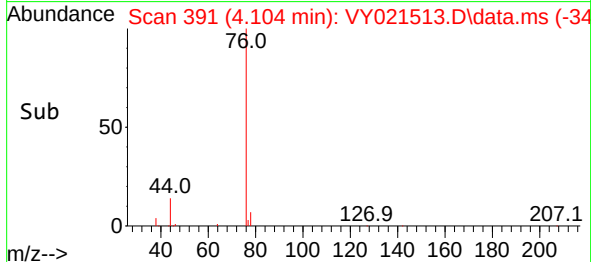
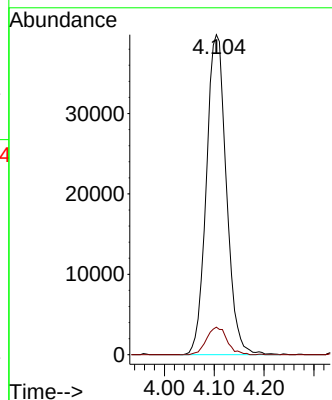
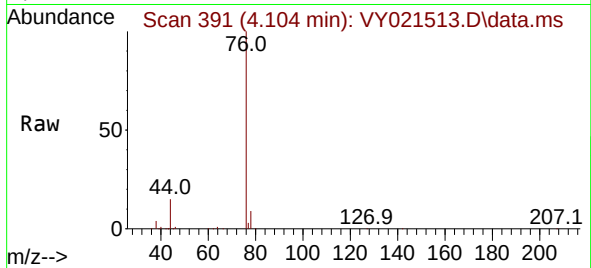




#17
Carbon Disulfide
Concen: 17.831 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

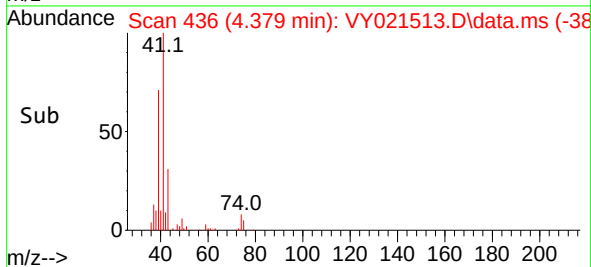
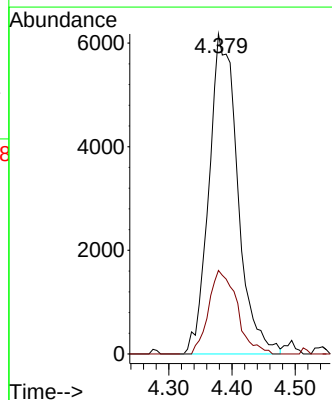
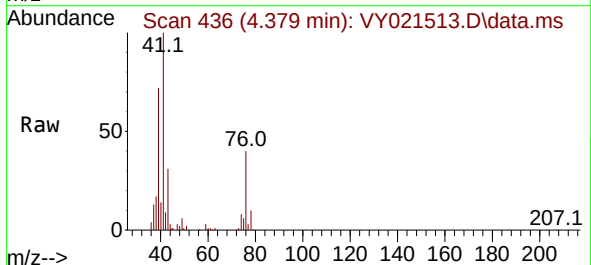
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

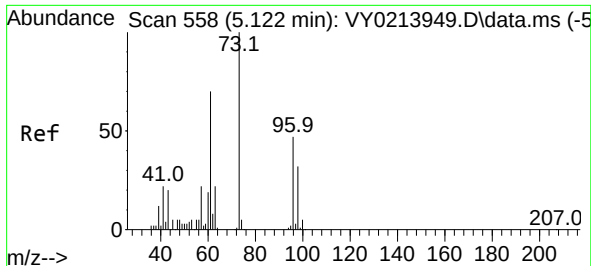
Tgt Ion: 76 Resp: 110999
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.636 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 43 Resp: 19422
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.0

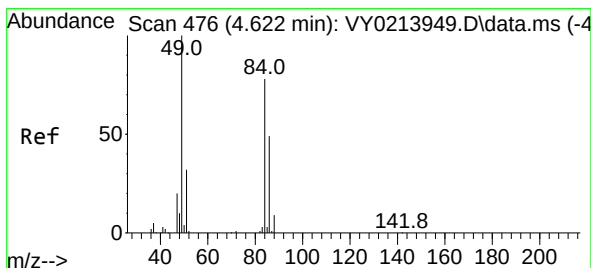
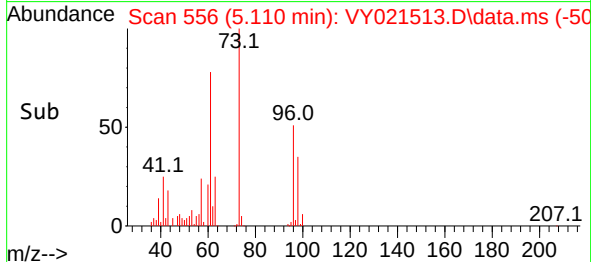
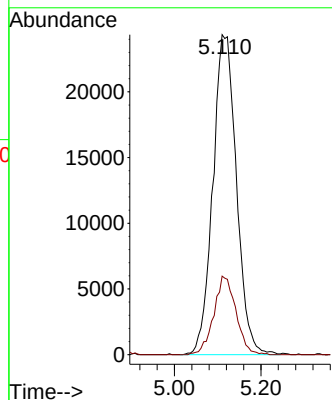
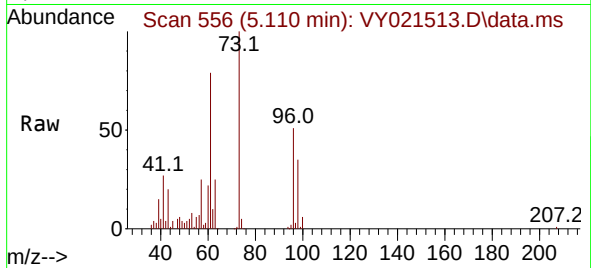




#19
Methyl tert-butyl Ether
Concen: 18.322 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

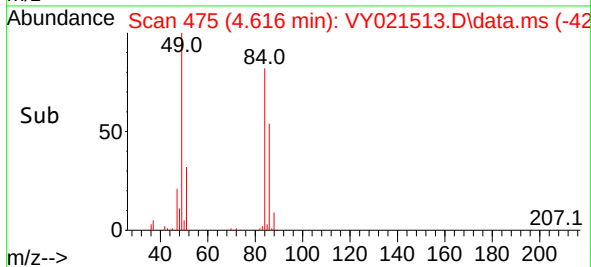
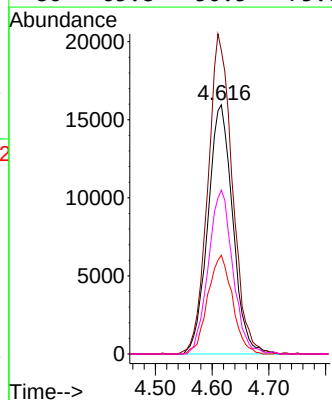
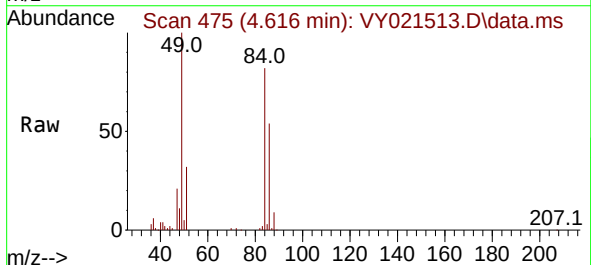
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

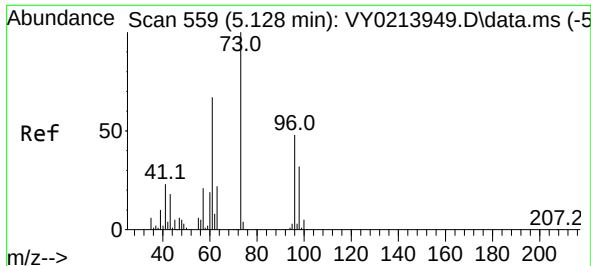
Tgt Ion: 73 Resp: 92242
Ion Ratio Lower Upper
73 100
57 24.5 17.9 26.9



#20
Methylene Chloride
Concen: 20.746 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 84 Resp: 48544
Ion Ratio Lower Upper
84 100
49 122.0 102.0 153.0
51 39.6 33.0 49.6
86 65.8 50.5 75.7

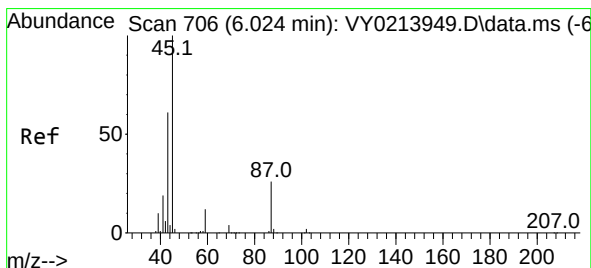
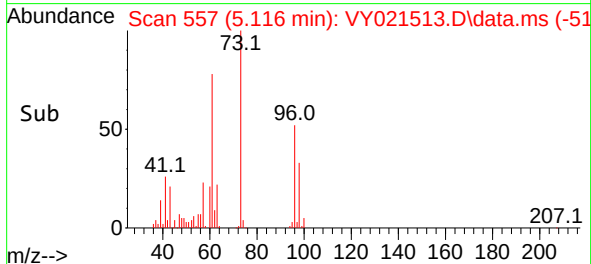
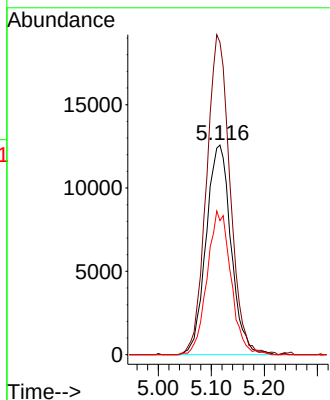
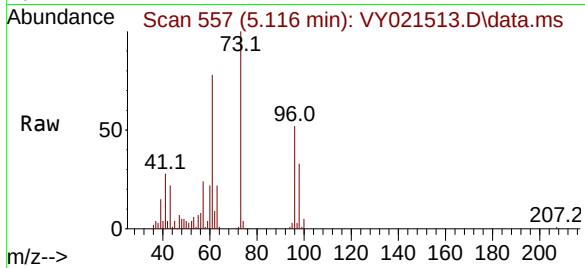




#21
trans-1,2-Dichloroethene
Concen: 18.465 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

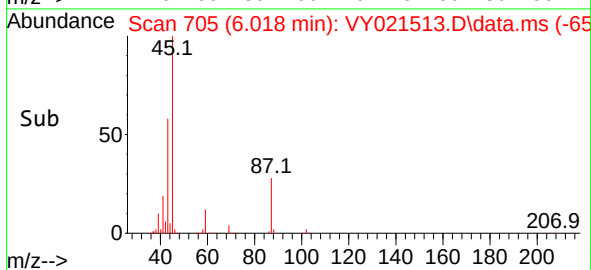
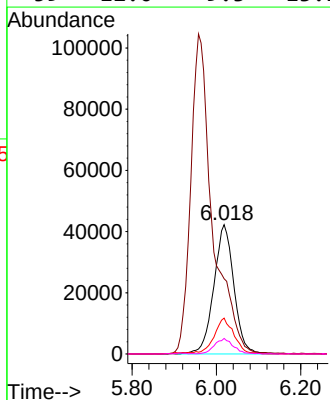
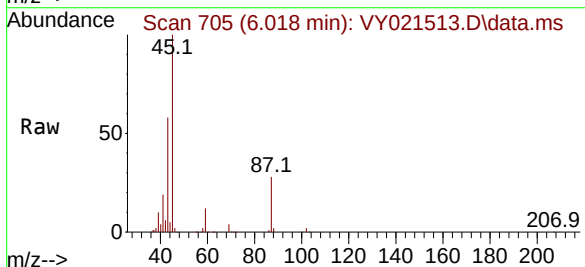
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

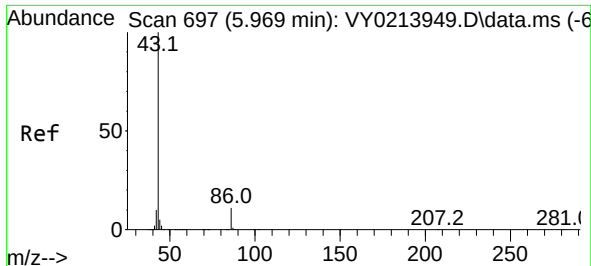
Tgt Ion: 96 Resp: 41076
Ion Ratio Lower Upper
96 100
61 148.9 111.5 167.3
98 64.0 53.8 80.8



#22
Diisopropyl ether
Concen: 20.135 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 45 Resp: 139292
Ion Ratio Lower Upper
45 100
43 57.5 48.7 73.1
87 27.7 21.5 32.3
59 12.0 9.3 13.9

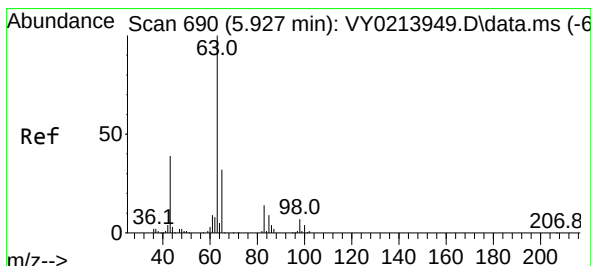
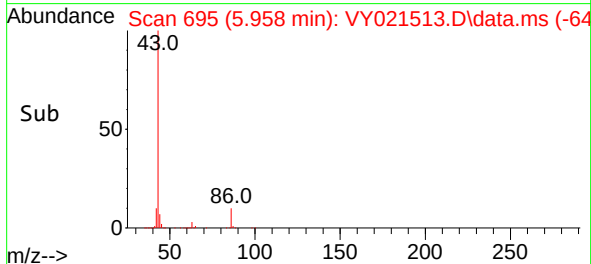
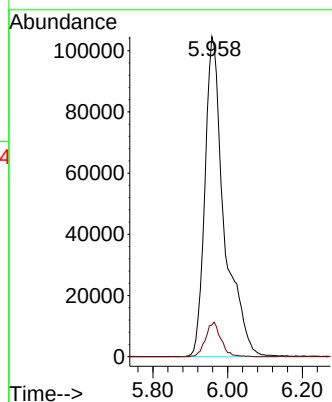
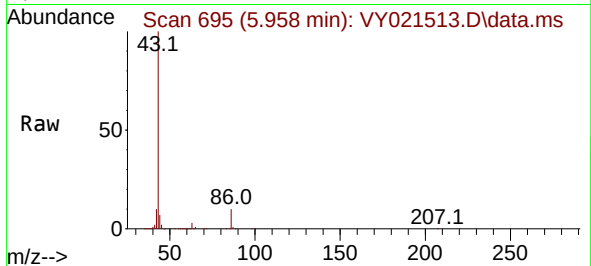




#23
 Vinyl Acetate
 Concen: 95.067 ug/l
 RT: 5.958 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

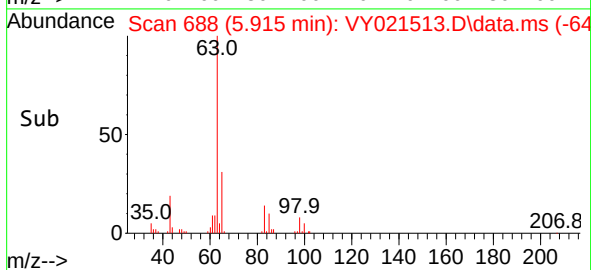
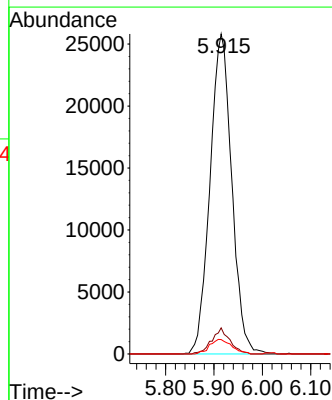
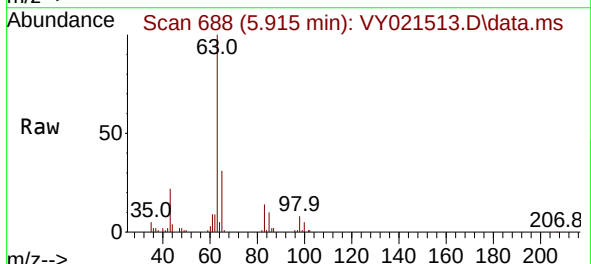
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

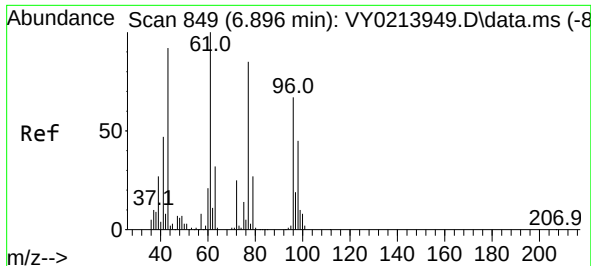
Tgt Ion: 43 Resp: 375333
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.771 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion: 63 Resp: 80725
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.3 9.9
 100 4.5 2.1 6.5

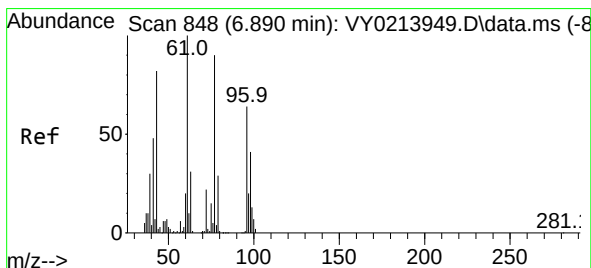
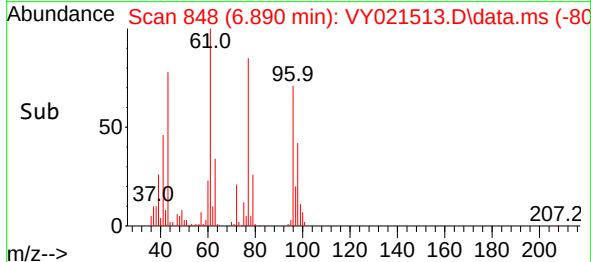
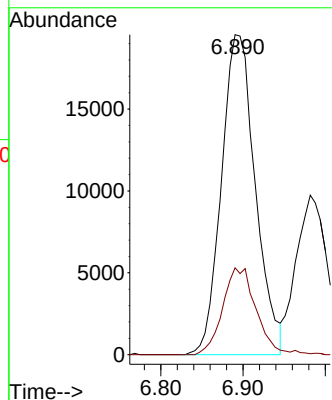
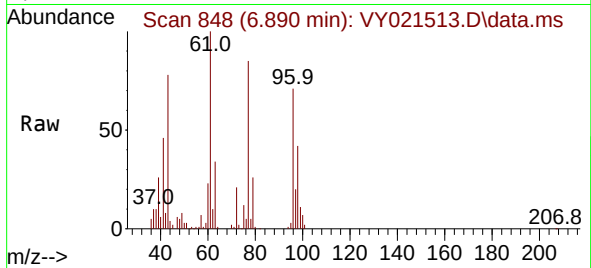




#25
2-Butanone
Concen: 90.850 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

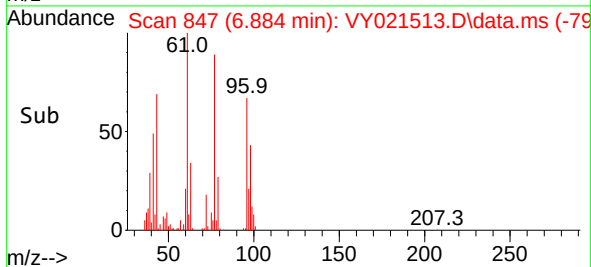
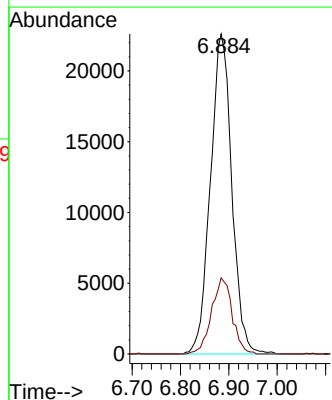
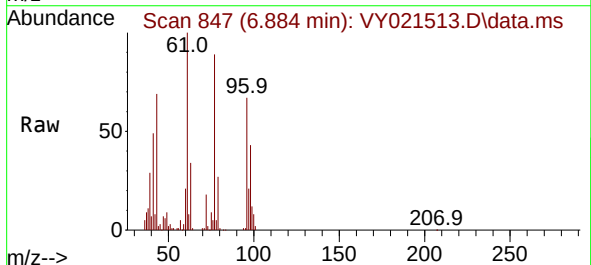
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

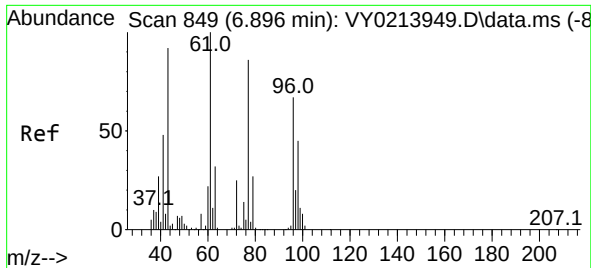
Tgt Ion: 43 Resp: 56022
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.0



#26
2,2-Dichloropropane
Concen: 18.493 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 77 Resp: 69475
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8

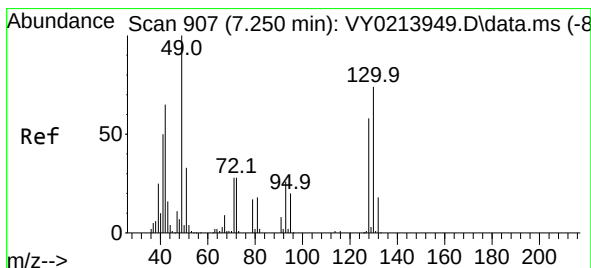
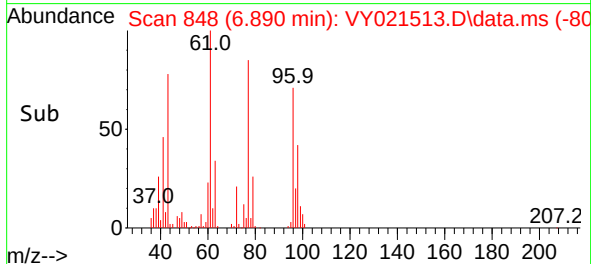
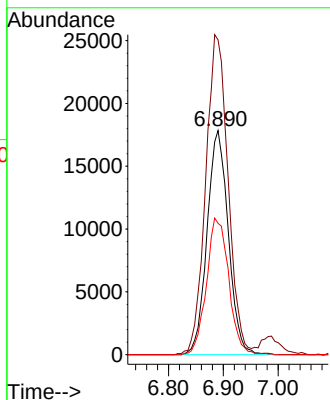
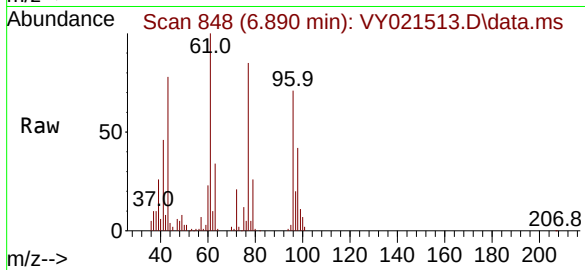




#27
 cis-1,2-Dichloroethene
 Concen: 18.997 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

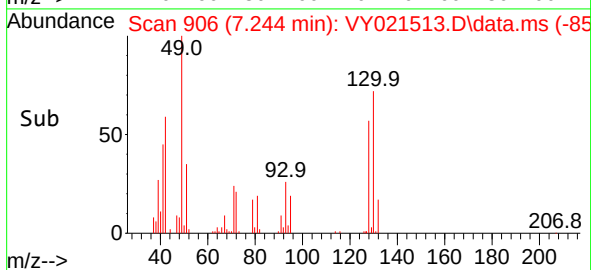
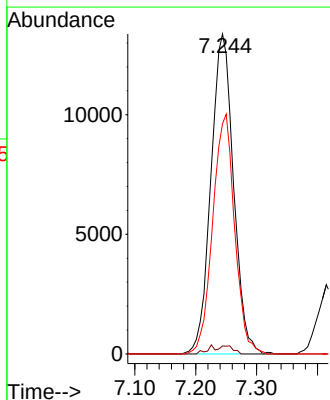
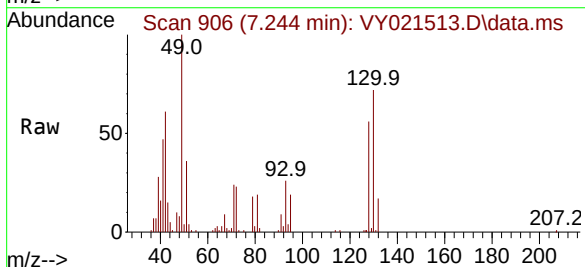
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

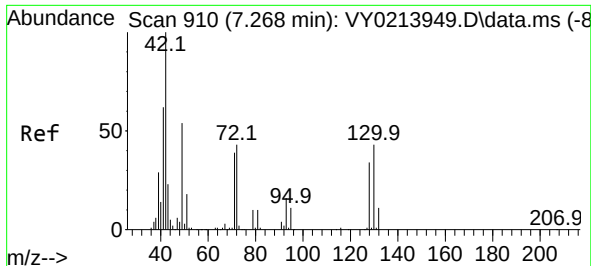
Tgt Ion: 96 Resp: 48009
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 300.8
 98 64.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.141 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion: 49 Resp: 34475
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.2
 130 72.9 59.6 89.4





#29

Tetrahydrofuran

Concen: 95.473 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBSD01

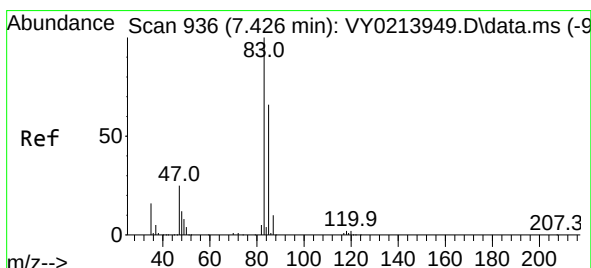
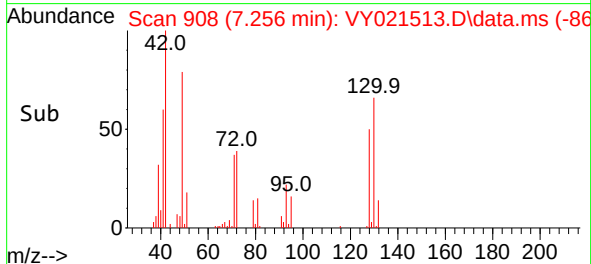
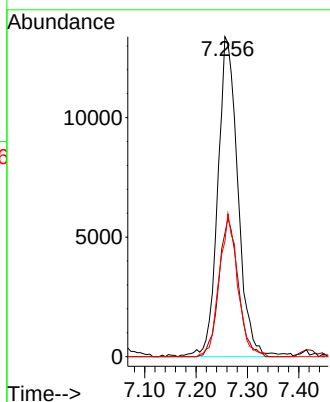
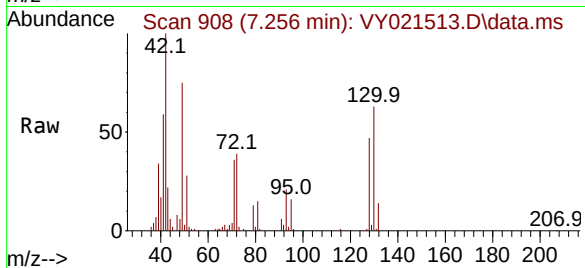
Tgt Ion: 42 Resp: 36345

Ion Ratio Lower Upper

42 100

72 41.7 34.8 52.2

71 41.1 32.6 48.8



#30

Chloroform

Concen: 20.466 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021513.D

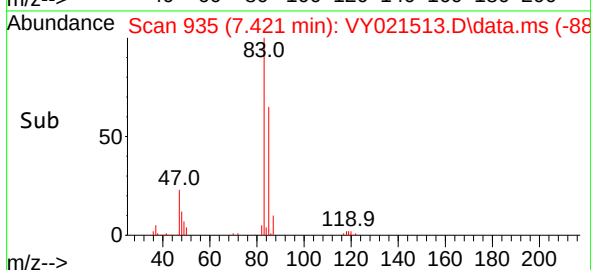
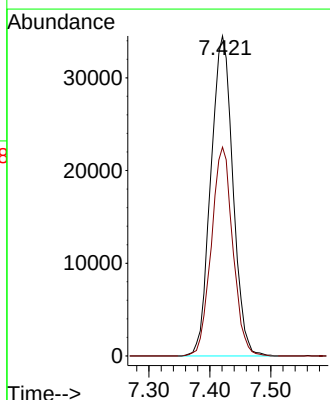
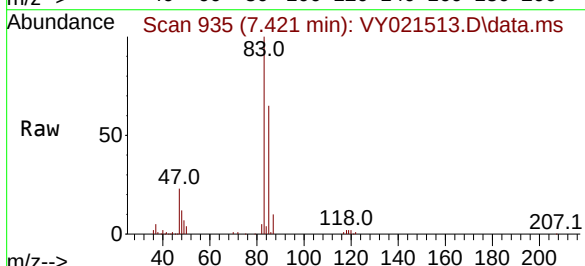
Acq: 12 Mar 2025 16:43

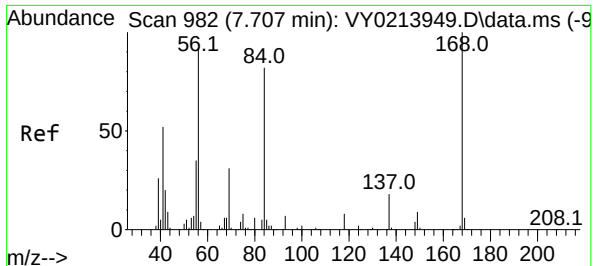
Tgt Ion: 83 Resp: 86771

Ion Ratio Lower Upper

83 100

85 65.3 53.1 79.7

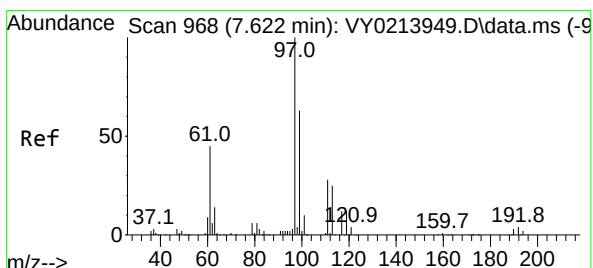
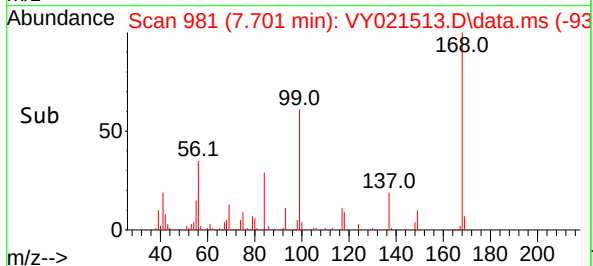
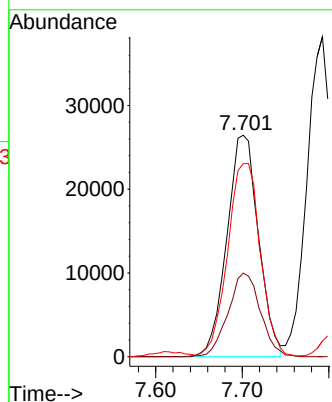
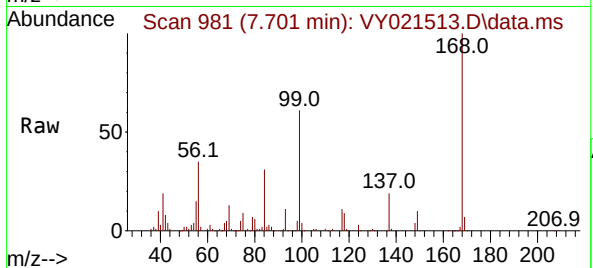




#31
Cyclohexane
Concen: 17.524 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

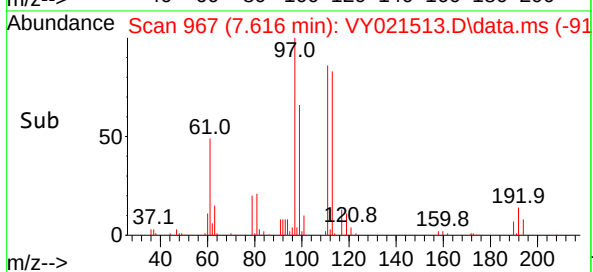
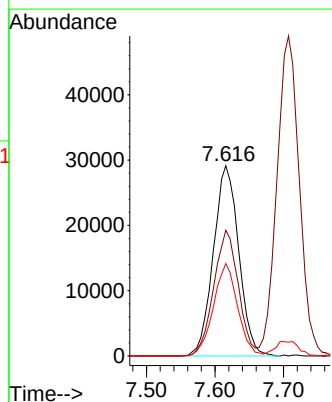
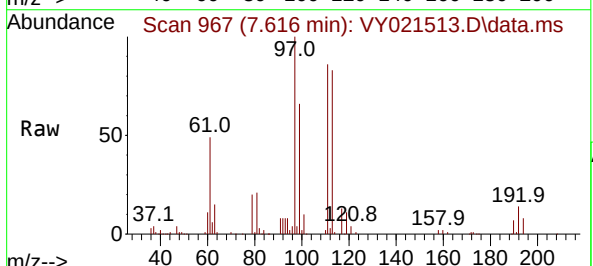
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

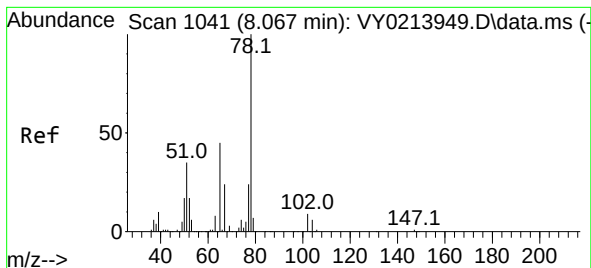
Tgt Ion: 56 Resp: 67078
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.4
84 85.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 19.252 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 97 Resp: 74735
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 46.4 35.7 53.5

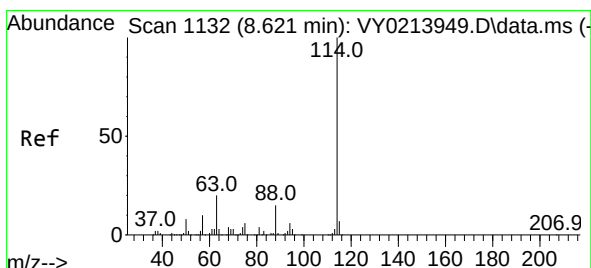
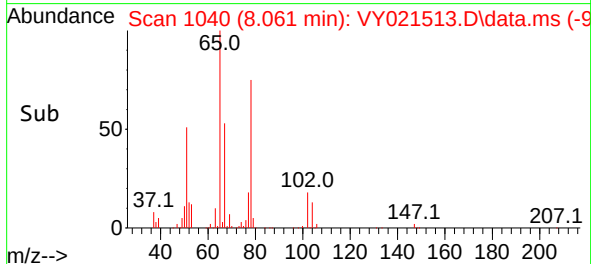
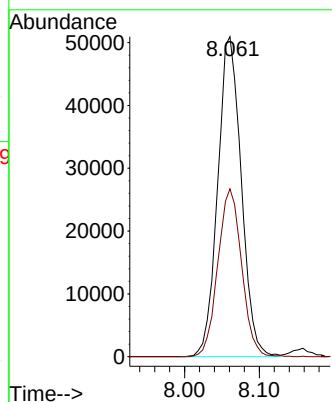
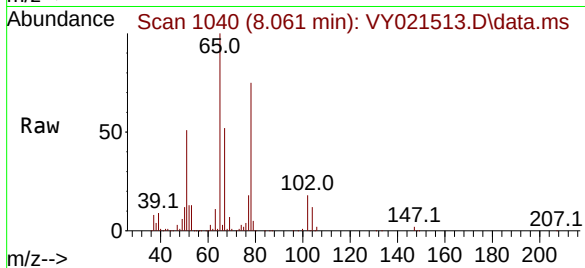




#33
1,2-Dichloroethane-d4
Concen: 54.713 ug/l
RT: 8.061 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

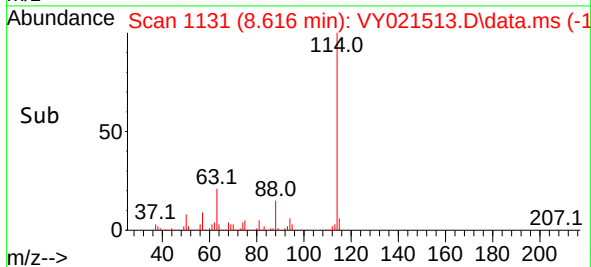
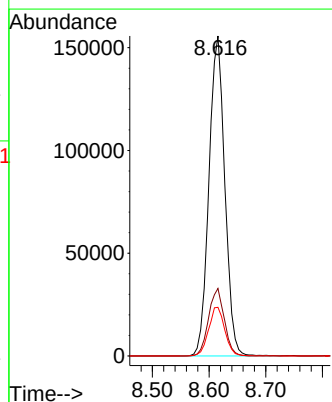
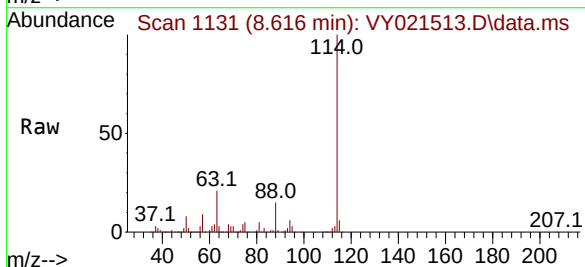
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

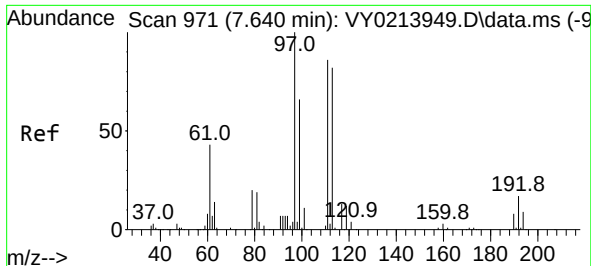
Tgt Ion: 65 Resp: 111823
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 114 Resp: 302147
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.2 0.0 30.8

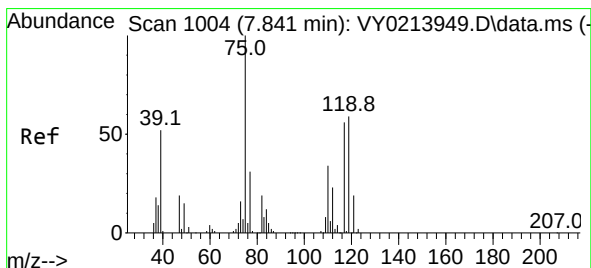
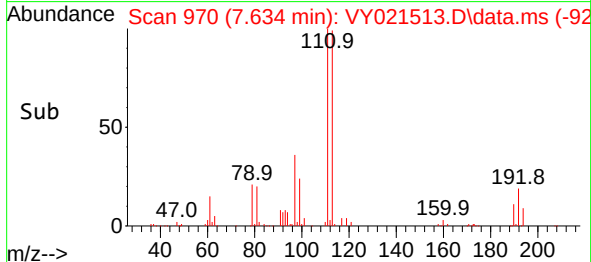
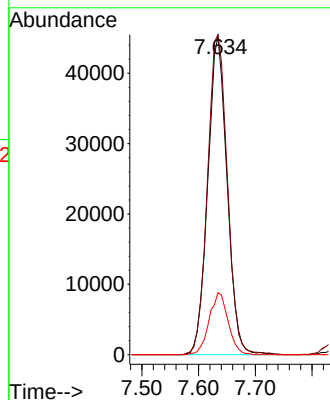
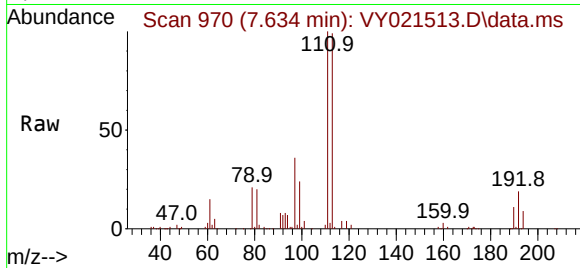




#35
Dibromofluoromethane
Concen: 53.823 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

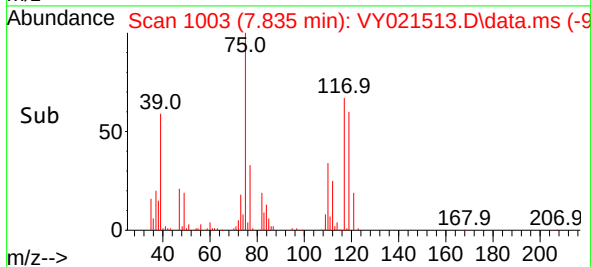
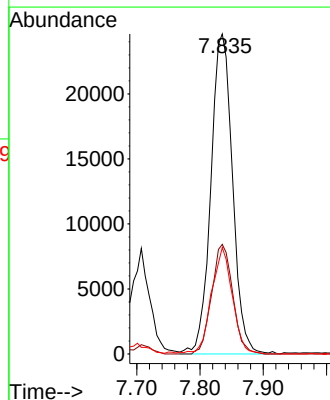
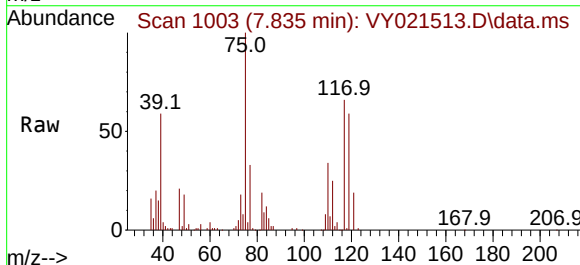
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

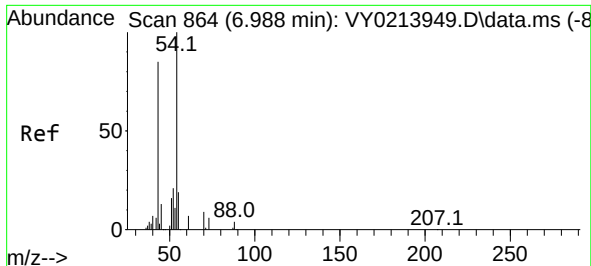
Tgt Ion:113 Resp: 106896
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.813 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 75 Resp: 58486
Ion Ratio Lower Upper
75 100
110 33.3 17.3 51.7
77 32.1 25.4 38.2





#37

Ethyl Acetate

Concen: 19.119 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

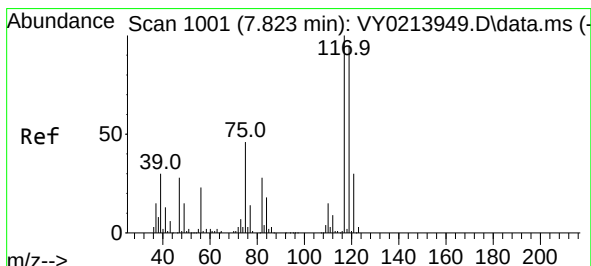
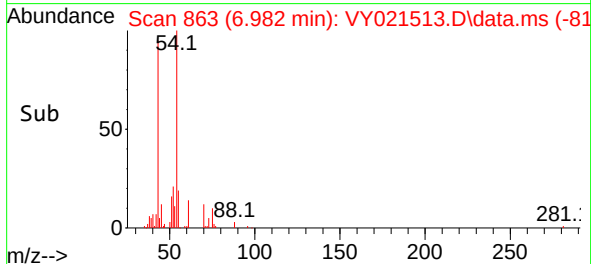
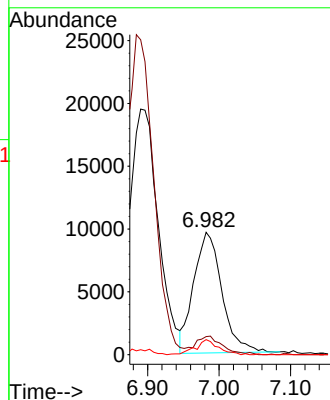
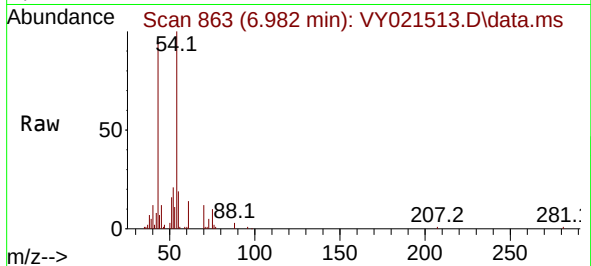
Tgt Ion: 43 Resp: 26271

Ion Ratio Lower Upper

43 100

61 14.9 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.841 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

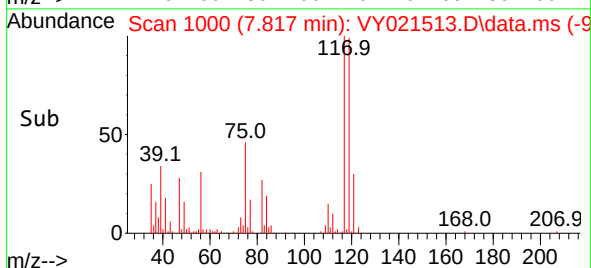
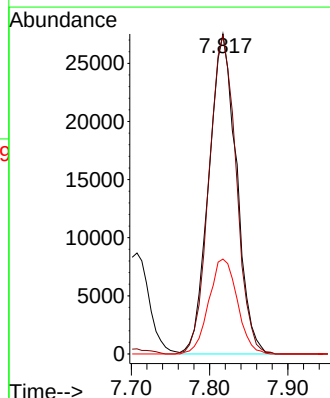
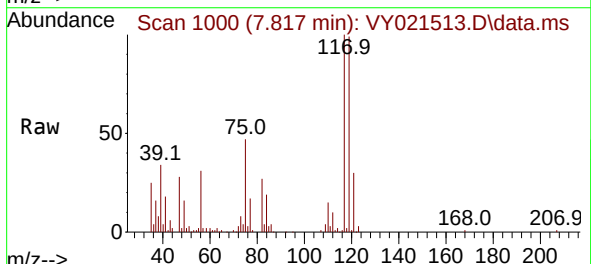
Tgt Ion: 117 Resp: 67365

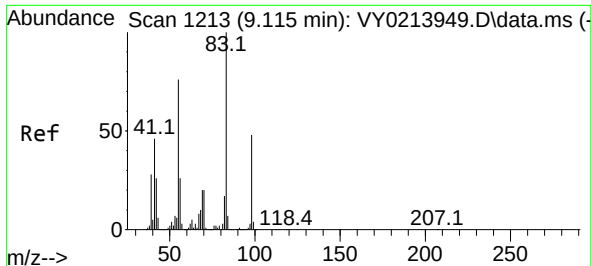
Ion Ratio Lower Upper

117 100

119 99.5 75.8 113.8

121 29.6 23.9 35.9

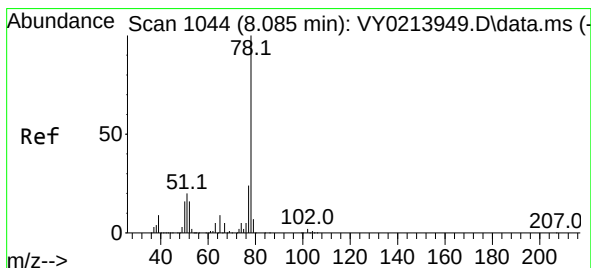
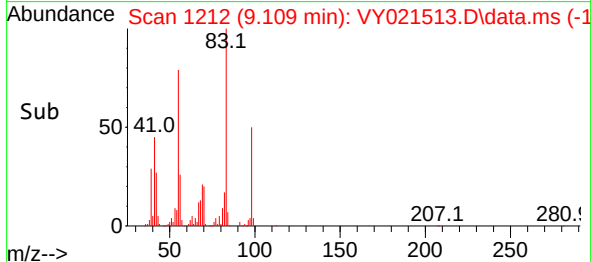
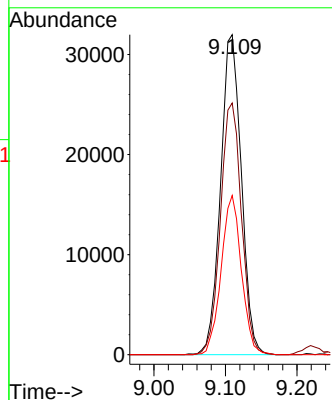
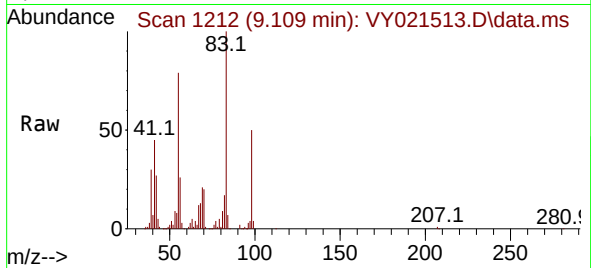




#39
Methylcyclohexane
Concen: 16.938 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

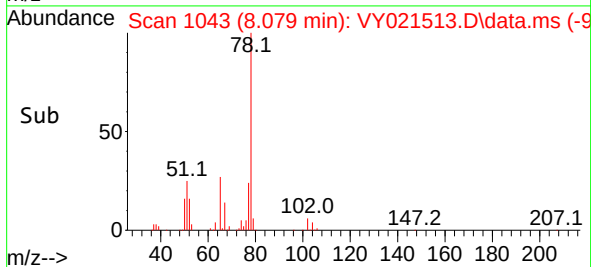
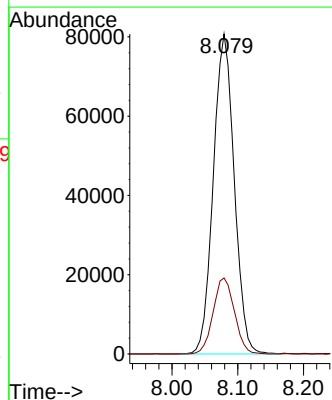
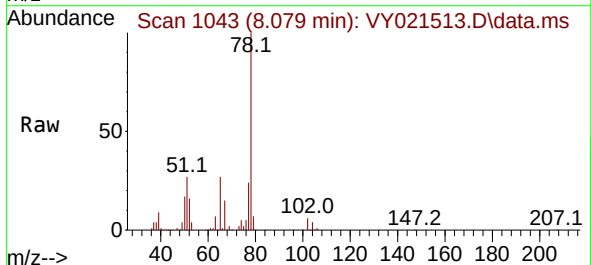
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

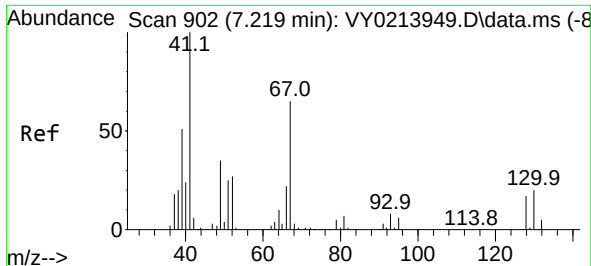
Tgt Ion: 83 Resp: 64588
Ion Ratio Lower Upper
83 100
55 78.7 60.7 91.1
98 49.8 38.6 57.8



#40
Benzene
Concen: 19.525 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 78 Resp: 178809
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

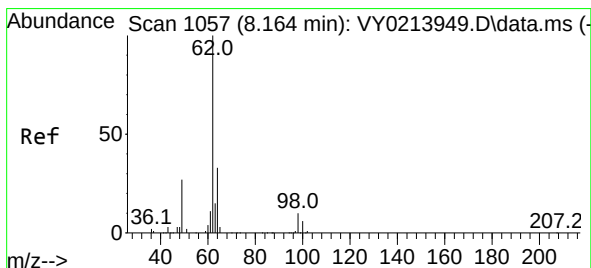
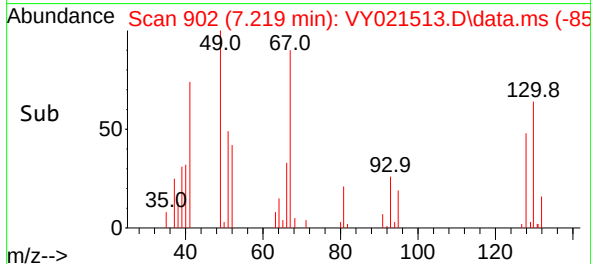
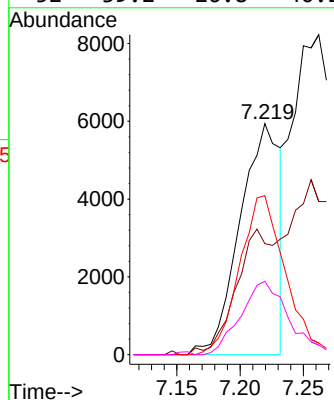
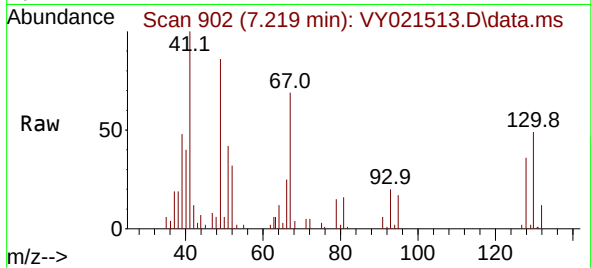




#41
Methacrylonitrile
Concen: 17.500 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

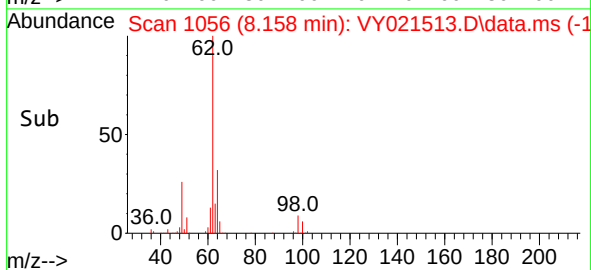
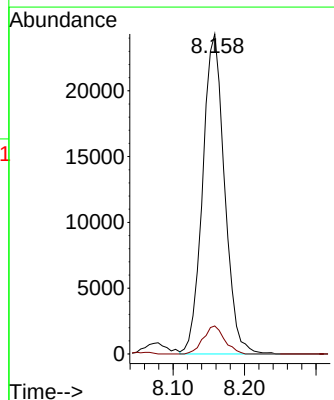
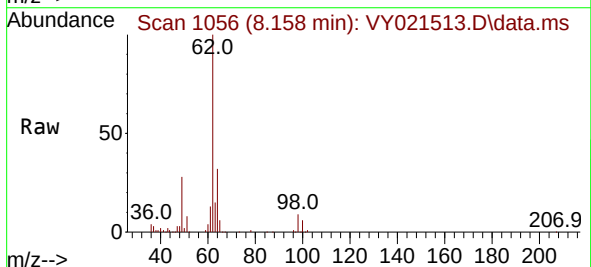
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

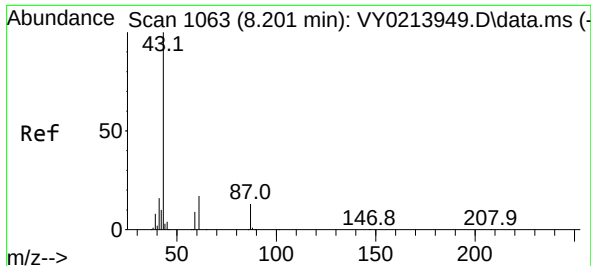
Tgt Ion:	41	Resp:	13093
Ion	Ratio	Lower	Upper
41	100		
39	48.7	35.0	52.6
67	79.3	61.2	91.8
52	39.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 20.194 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:	62	Resp:	51737
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

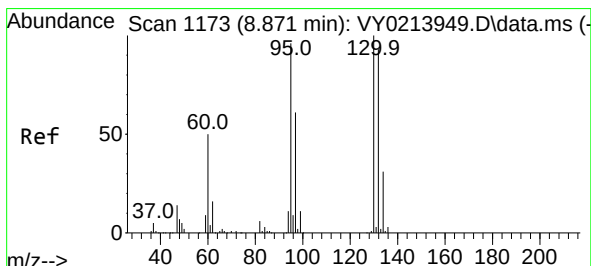
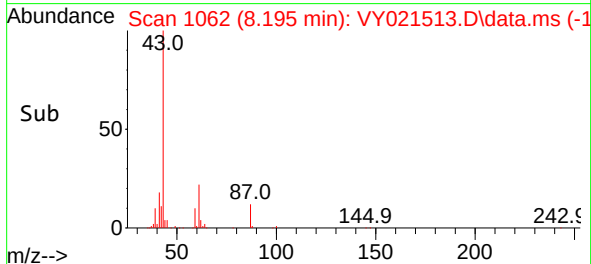
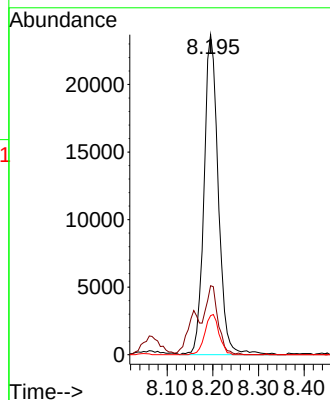
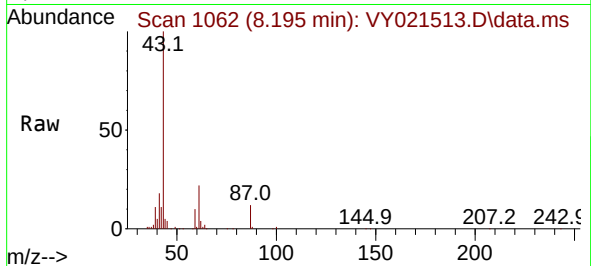




#43
Isopropyl Acetate
Concen: 19.185 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

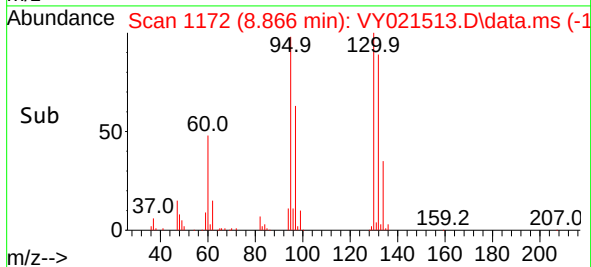
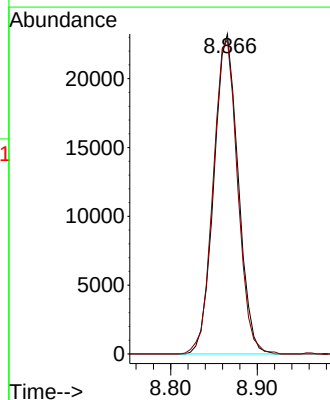
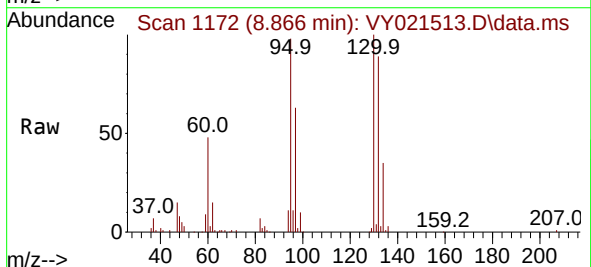
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

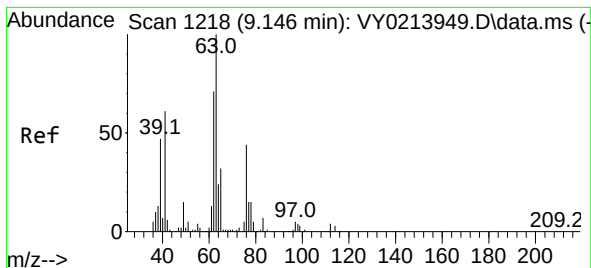
Tgt Ion: 43 Resp: 51174
Ion Ratio Lower Upper
43 100
61 18.5 23.4 35.0#
87 12.6 10.5 15.7



#44
Trichloroethene
Concen: 19.496 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:130 Resp: 45118
Ion Ratio Lower Upper
130 100
95 98.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.087 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

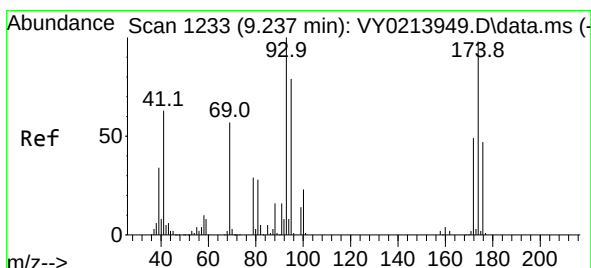
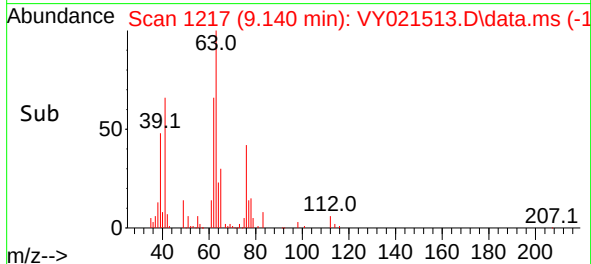
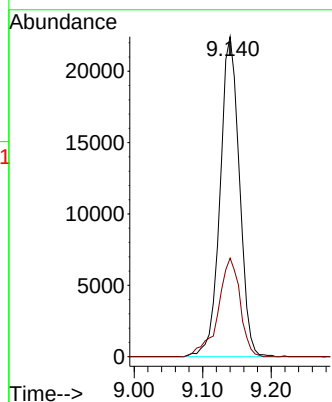
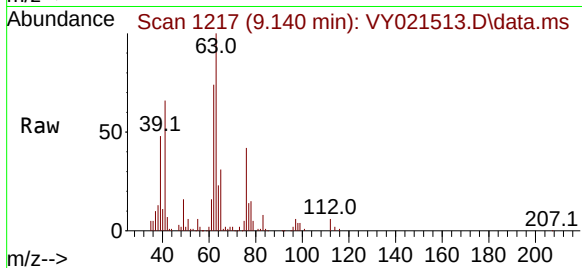
VY0312SBSD01

Tgt Ion: 63 Resp: 43782

Ion Ratio Lower Upper

63 100

65 30.8 26.0 39.0



#46

Dibromomethane

Concen: 20.229 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

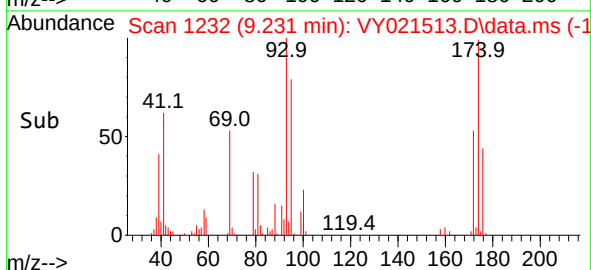
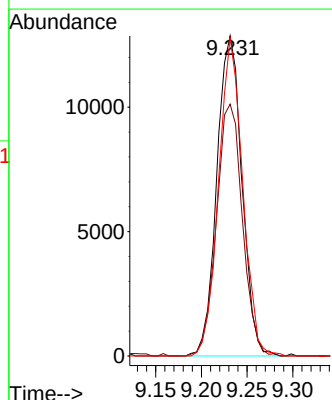
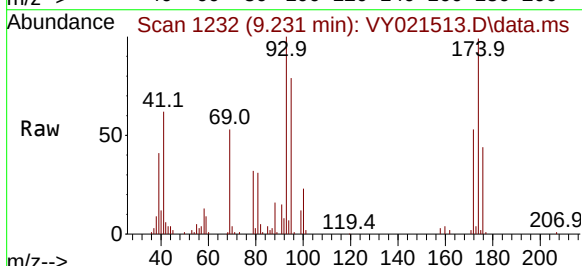
Tgt Ion: 93 Resp: 24532

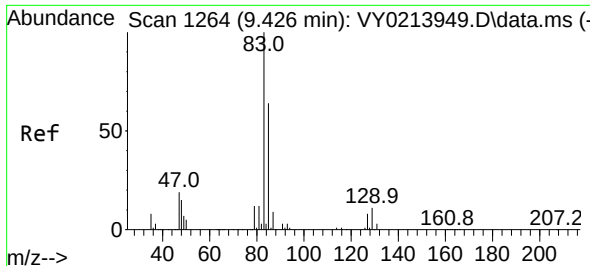
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.8

174 95.3 77.9 116.9

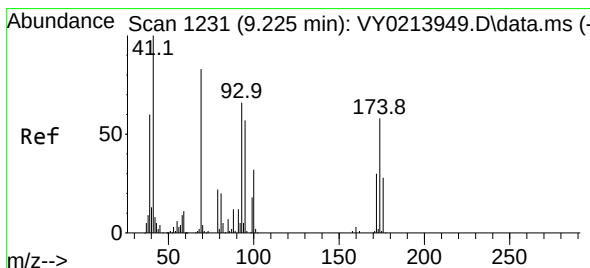
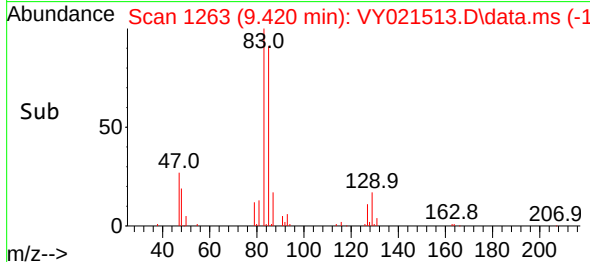
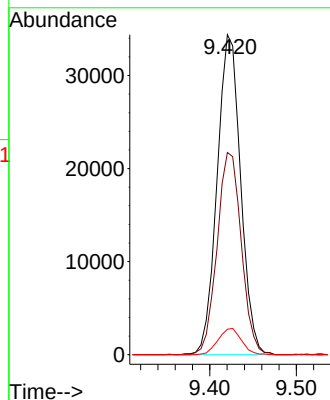
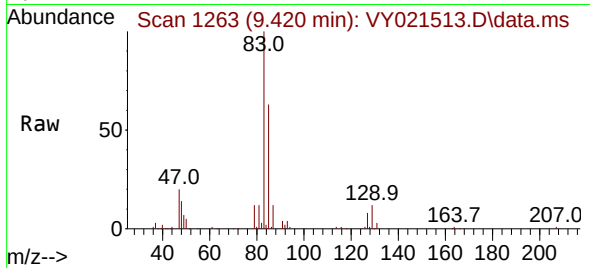




#47
Bromodichloromethane
Concen: 20.153 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

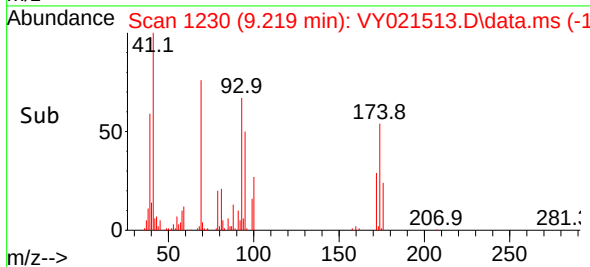
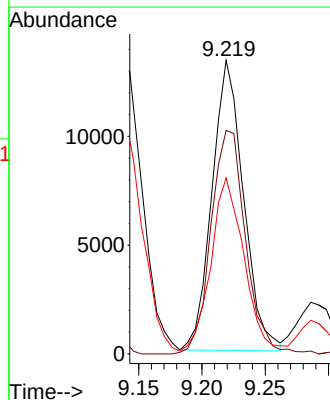
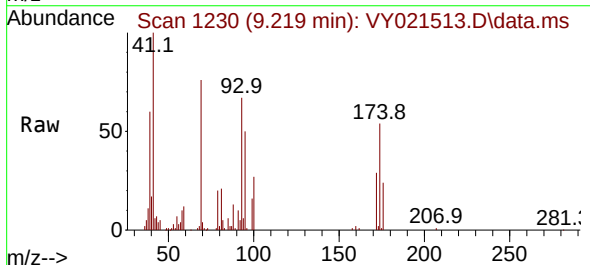
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

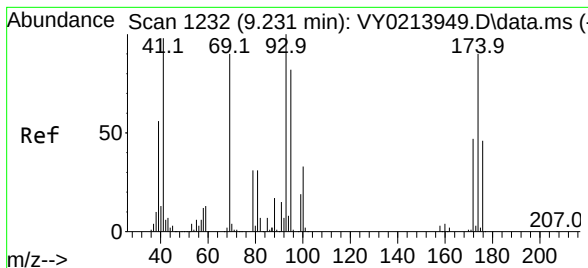
Tgt Ion: 83 Resp: 64904
Ion Ratio Lower Upper
83 100
85 63.2 51.1 76.7
127 8.0 6.7 10.1



#48
Methyl methacrylate
Concen: 18.833 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 41 Resp: 23068
Ion Ratio Lower Upper
41 100
69 84.5 67.8 101.8
39 62.4 46.4 69.6





#49

1,4-Dioxane

Concen: 432.902 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBSD01

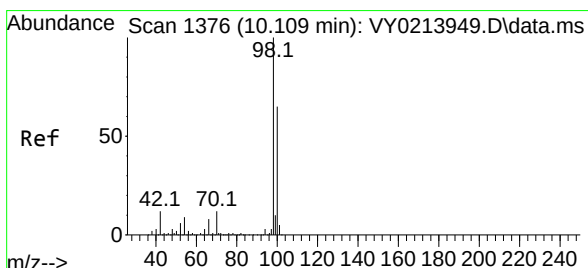
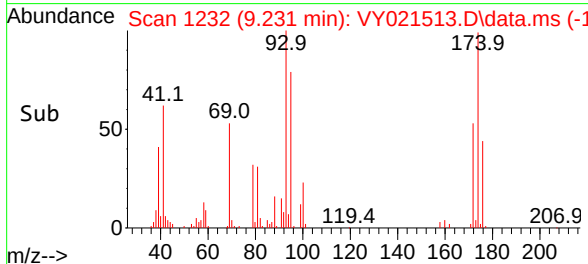
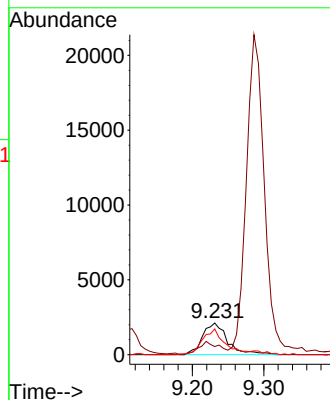
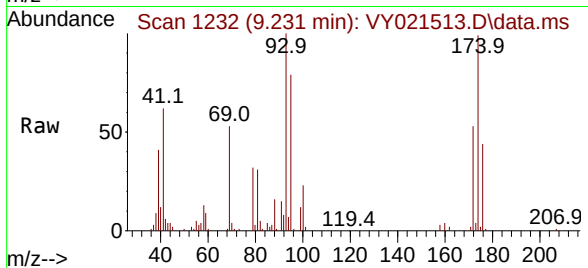
Tgt Ion: 88 Resp: 5153

Ion Ratio Lower Upper

88 100

43 33.9 25.0 37.4

58 73.3 58.4 87.6



#50

Toluene-d8

Concen: 52.462 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021513.D

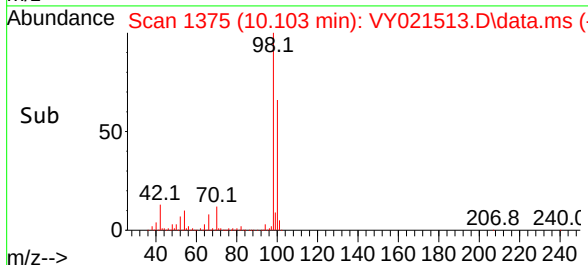
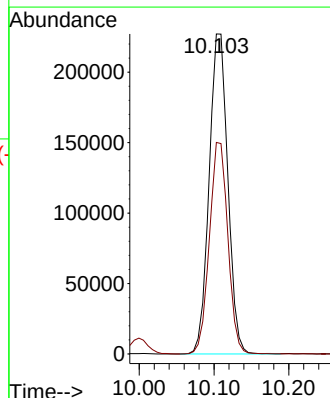
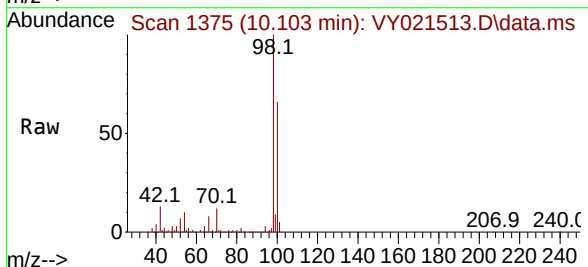
Acq: 12 Mar 2025 16:43

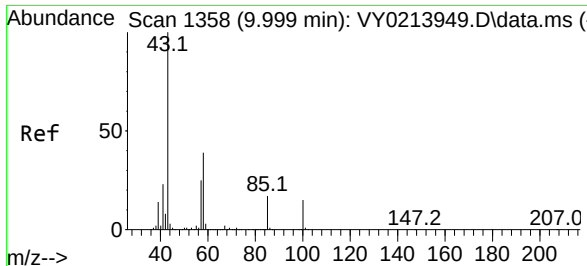
Tgt Ion: 98 Resp: 394505

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

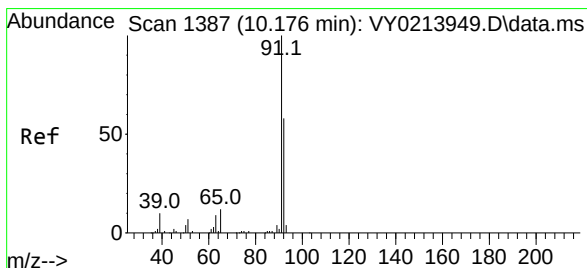
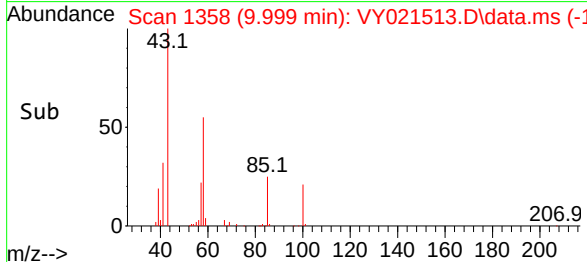
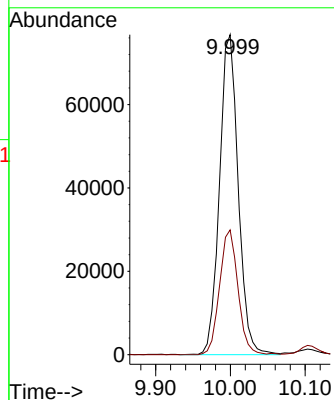
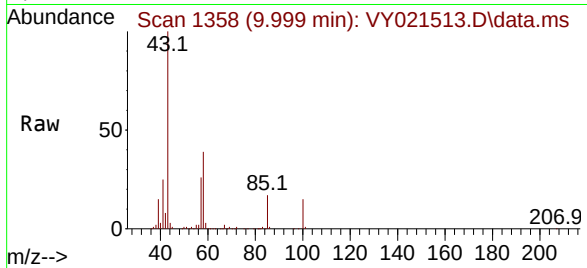




#51
4-Methyl-2-Pentanone
Concen: 97.037 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

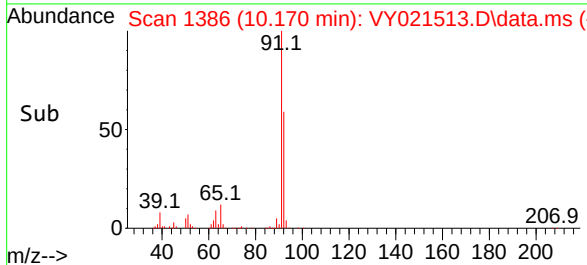
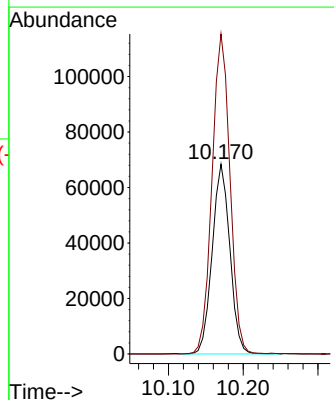
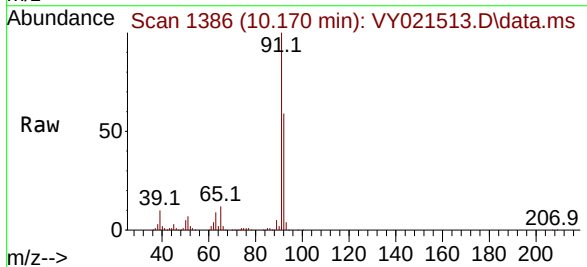
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

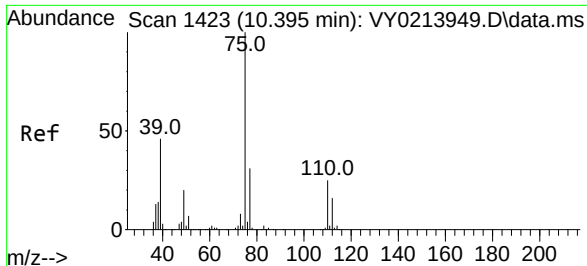
Tgt Ion: 43 Resp: 133550
Ion Ratio Lower Upper
43 100
58 38.2 31.4 47.2



#52
Toluene
Concen: 19.428 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 92 Resp: 112172
Ion Ratio Lower Upper
92 100
91 171.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

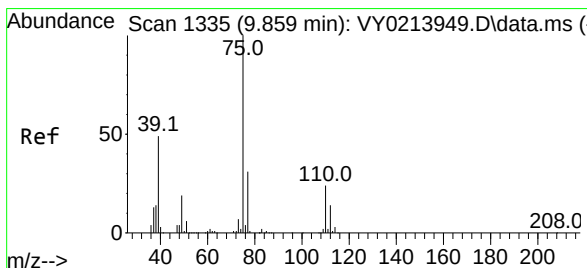
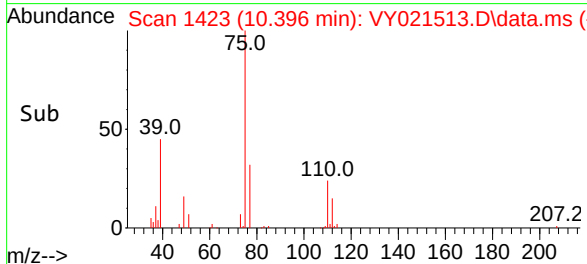
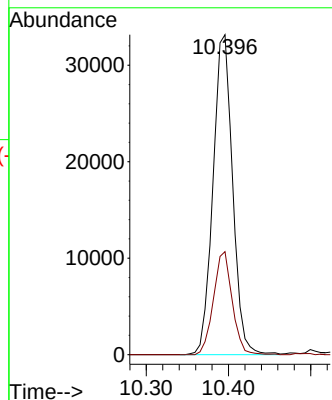
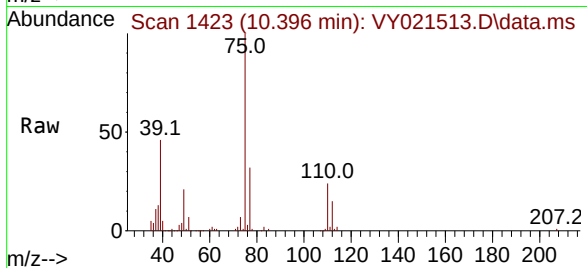
VY0312SBSD01

Tgt Ion: 75 Resp: 54957

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.998 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

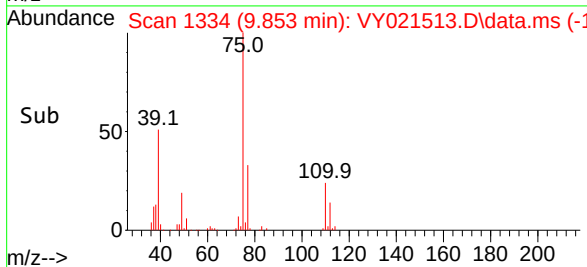
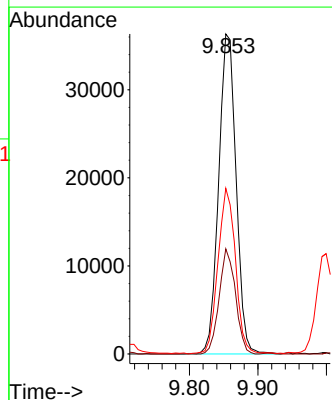
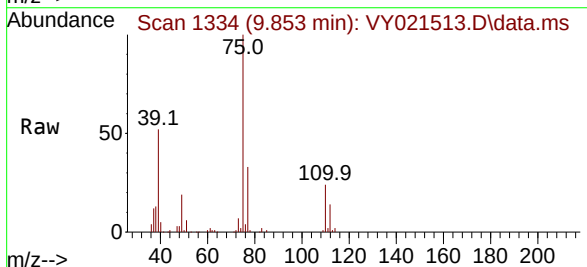
Tgt Ion: 75 Resp: 63999

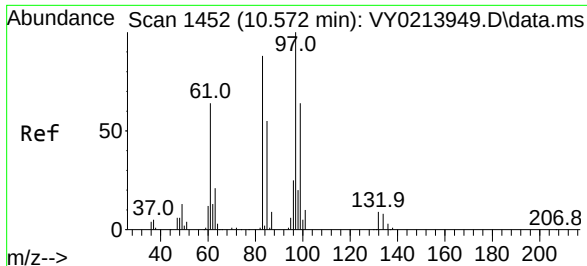
Ion Ratio Lower Upper

75 100

77 32.9 24.6 37.0

39 51.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 20.249 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBSD01

Tgt Ion: 97 Resp: 32123

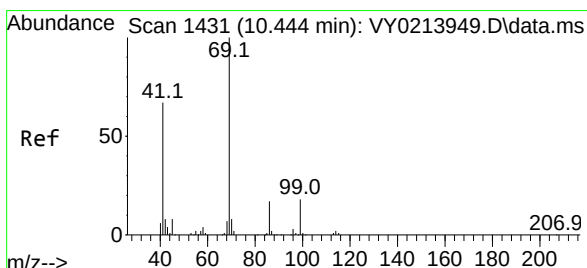
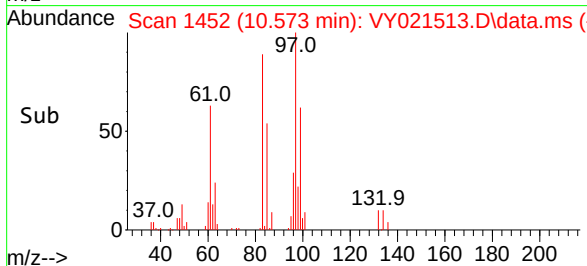
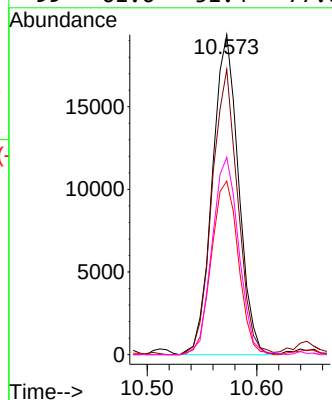
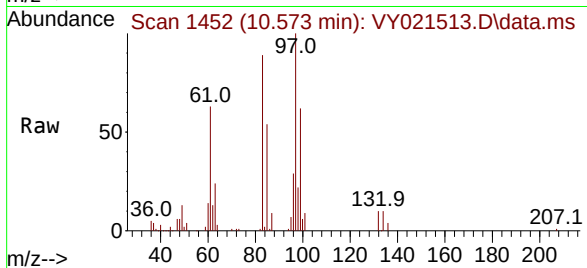
Ion Ratio Lower Upper

97 100

83 89.1 70.0 105.0

85 54.3 44.3 66.5

99 61.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.121 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

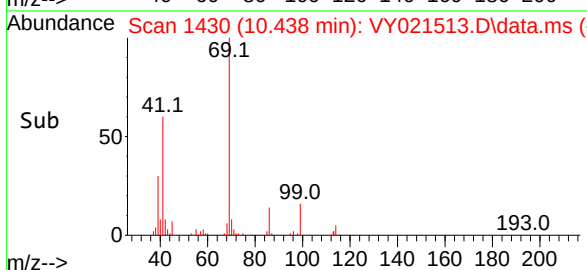
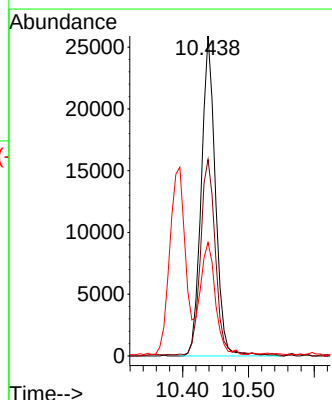
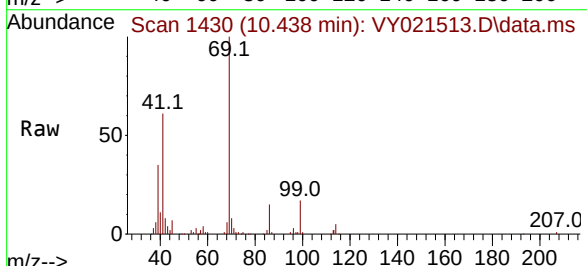
Tgt Ion: 69 Resp: 38686

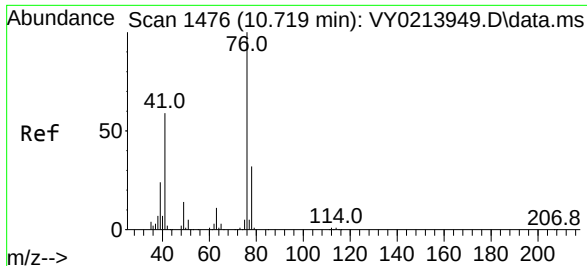
Ion Ratio Lower Upper

69 100

41 63.8 53.3 79.9

39 38.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 20.126 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

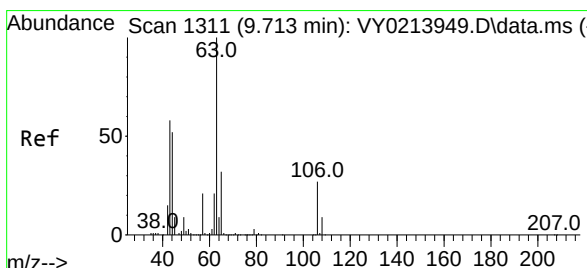
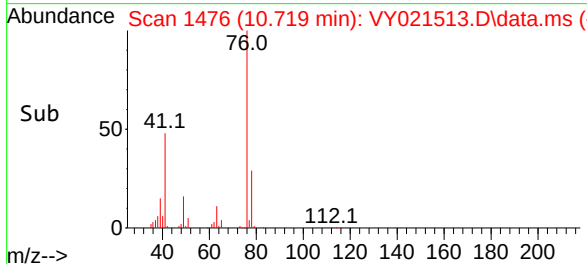
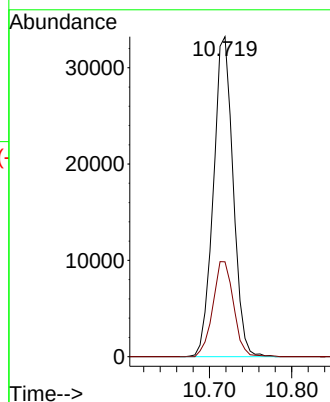
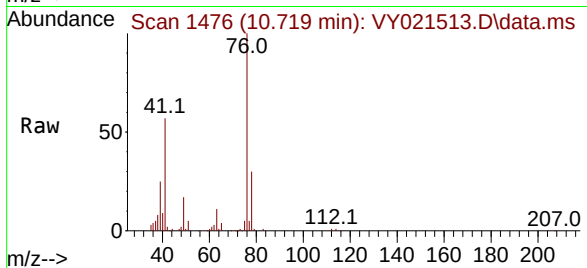
VY0312SBSD01

Tgt Ion: 76 Resp: 55337

Ion Ratio Lower Upper

76 100

78 31.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 101.034 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021513.D

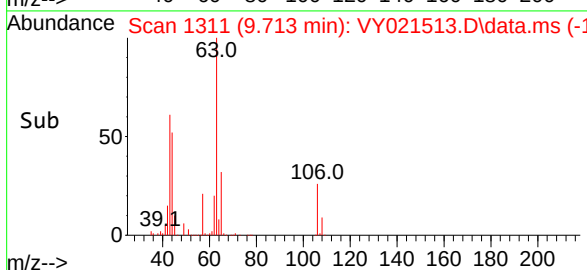
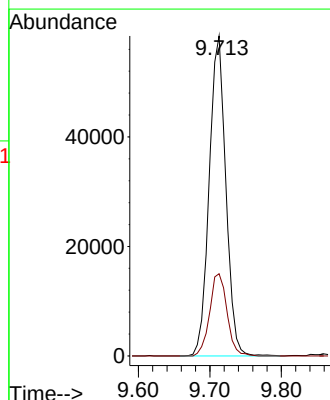
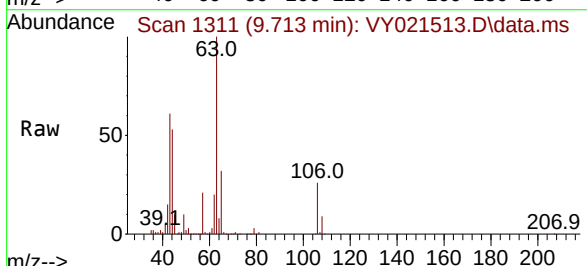
Acq: 12 Mar 2025 16:43

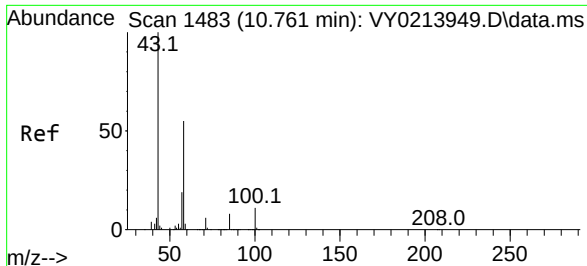
Tgt Ion: 63 Resp: 94361

Ion Ratio Lower Upper

63 100

106 26.8 22.1 33.1





#59

2-Hexanone

Concen: 93.550 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

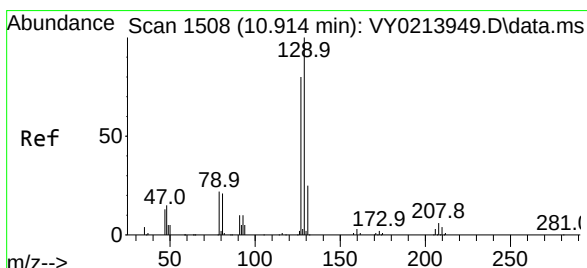
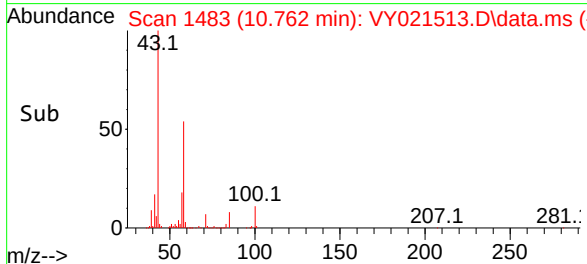
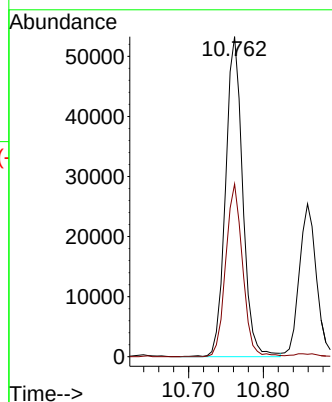
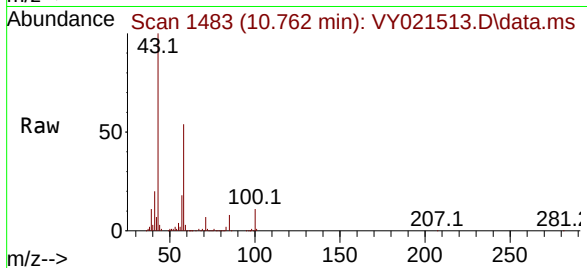
VY0312SBS01

Tgt Ion: 43 Resp: 85133

Ion Ratio Lower Upper

43 100

58 53.1 27.3 81.8



#60

Dibromochloromethane

Concen: 19.748 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021513.D

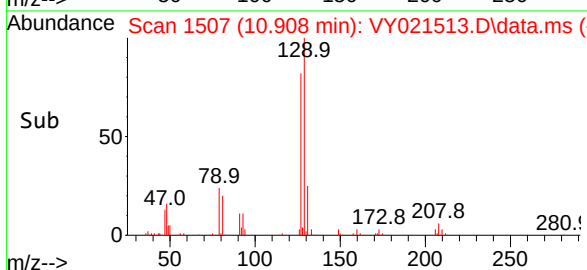
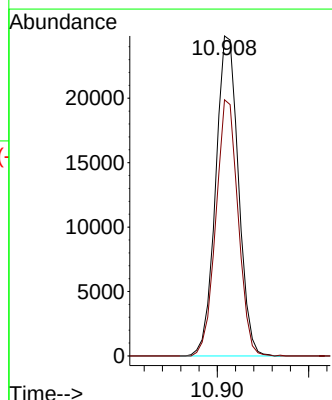
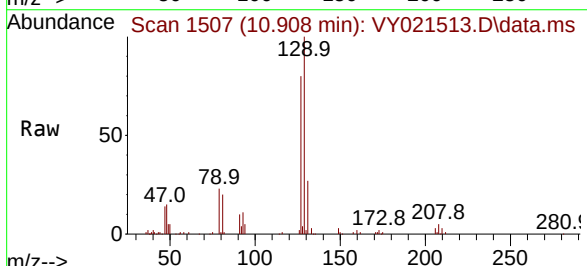
Acq: 12 Mar 2025 16:43

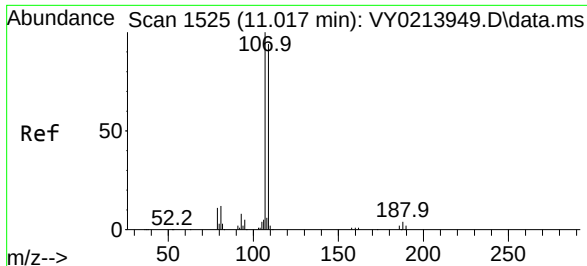
Tgt Ion: 129 Resp: 42949

Ion Ratio Lower Upper

129 100

127 78.0 39.1 117.3

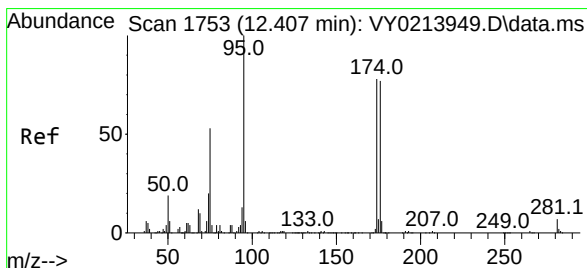
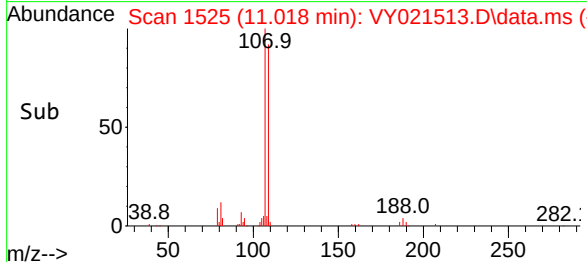
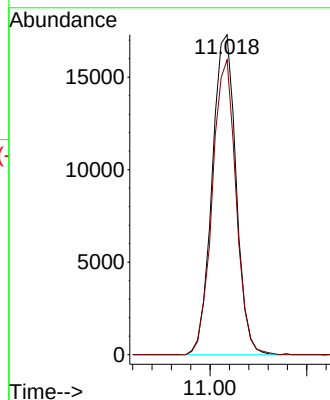
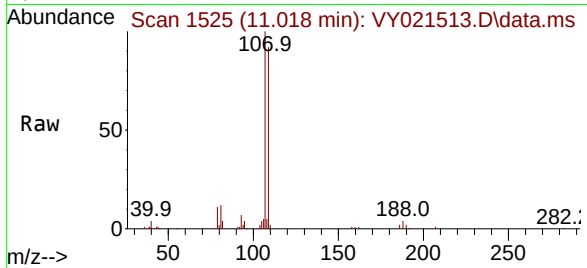




#61
1,2-Dibromoethane
Concen: 19.804 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

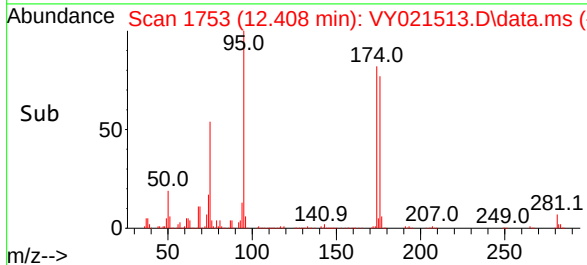
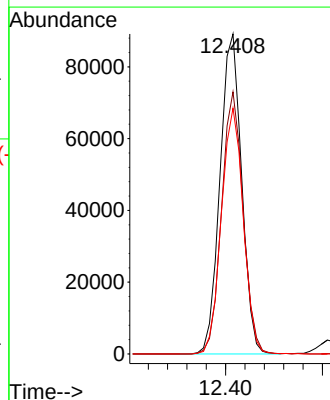
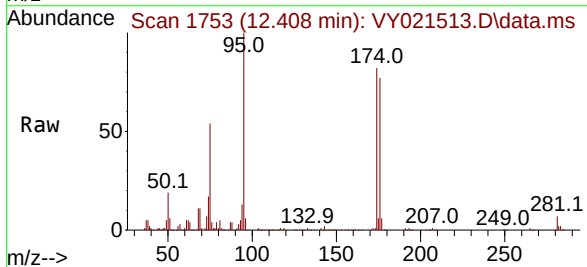
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

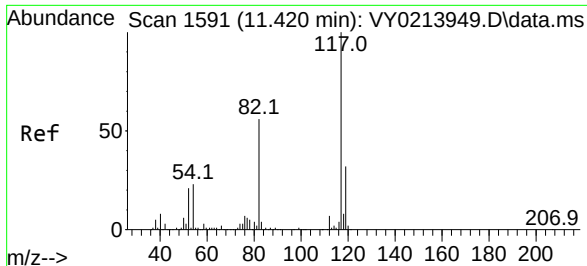
Tgt Ion:107 Resp: 29651
Ion Ratio Lower Upper
107 100
109 91.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.941 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 95 Resp: 137978
Ion Ratio Lower Upper
95 100
174 81.4 0.0 165.0
176 77.9 0.0 160.0

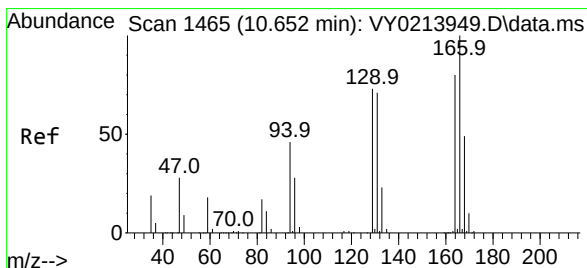
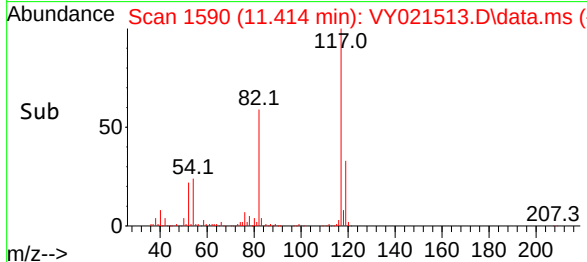
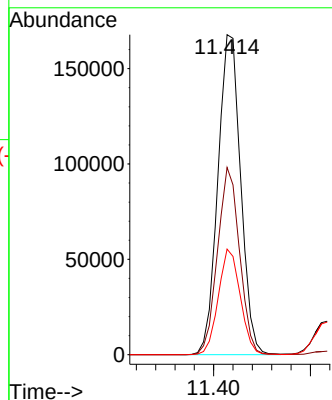
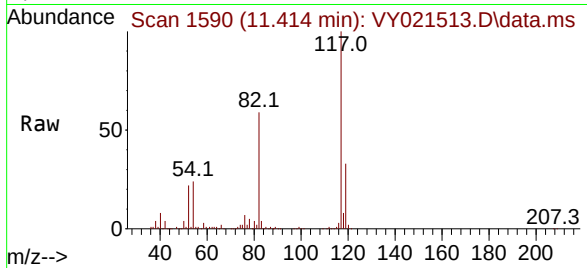




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

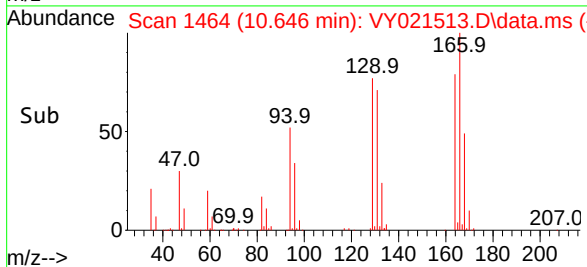
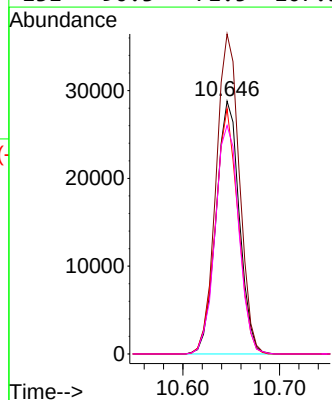
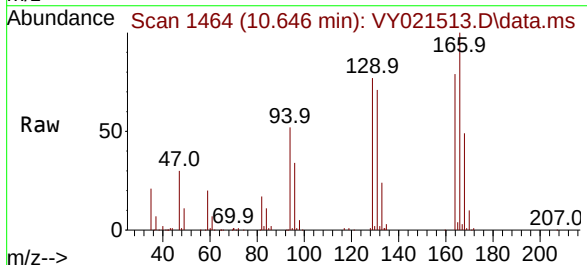
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

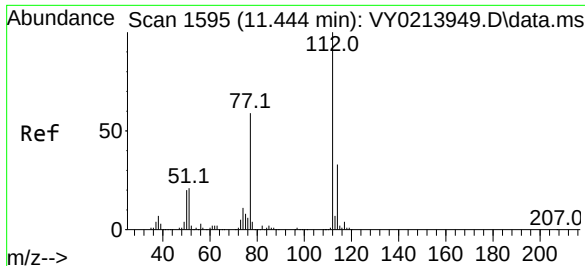
Tgt Ion:117 Resp: 274186
Ion Ratio Lower Upper
117 100
82 58.5 44.6 67.0
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 21.547 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:164 Resp: 48040
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 97.0 73.8 110.8
131 90.3 71.5 107.3

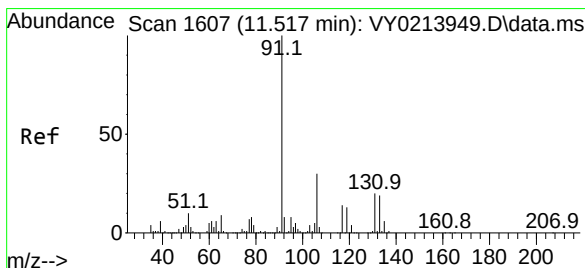
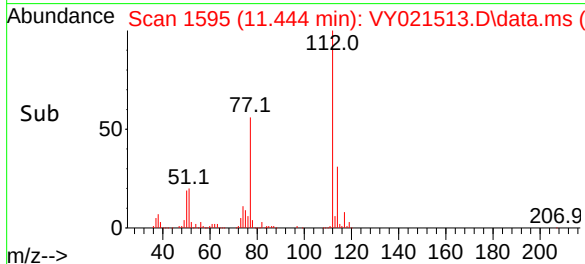
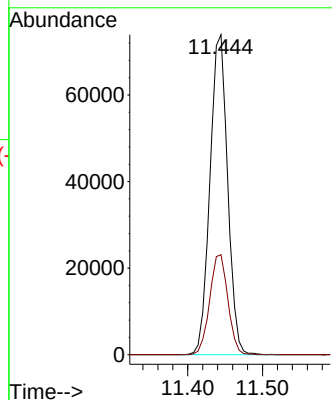
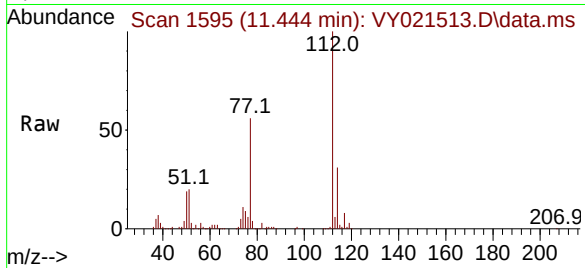




#65
Chlorobenzene
Concen: 18.754 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

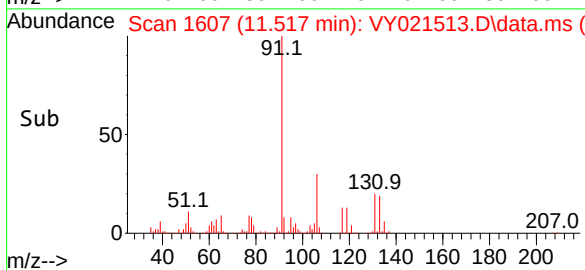
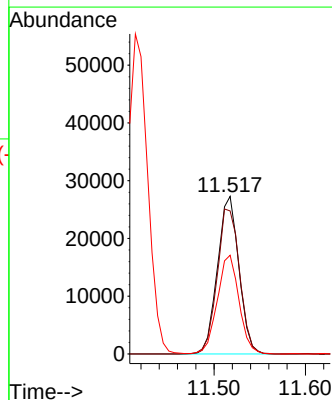
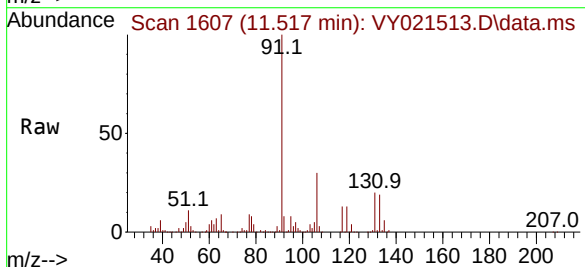
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

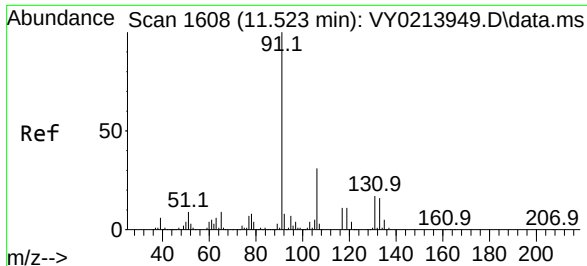
Tgt Ion:112 Resp: 121430
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.395 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:131 Resp: 44398
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 63.7 32.3 96.9





#67

Ethyl Benzene

Concen: 17.963 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

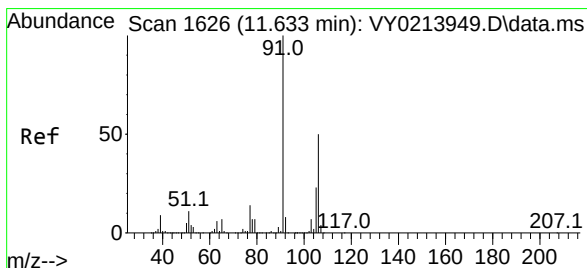
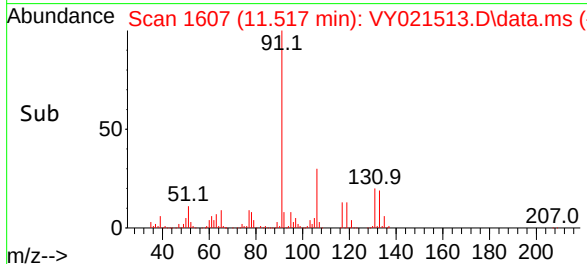
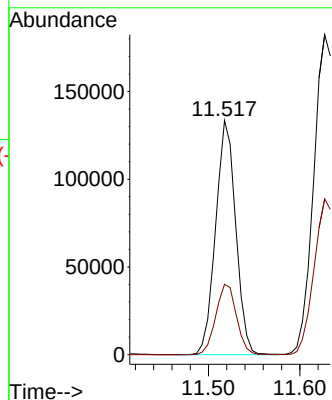
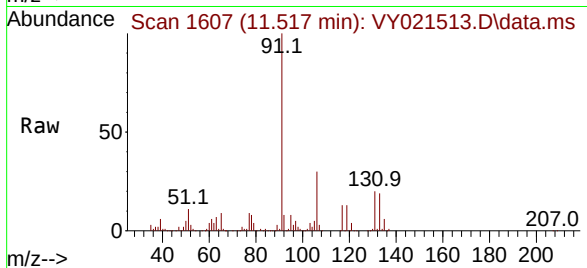
VY0312SBS01

Tgt Ion: 91 Resp: 204139

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8



#68

m/p-Xylenes

Concen: 36.859 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021513.D

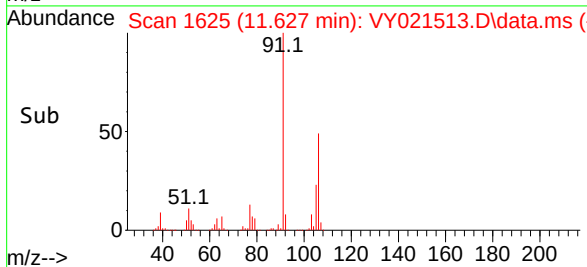
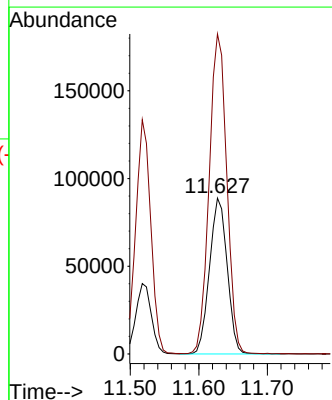
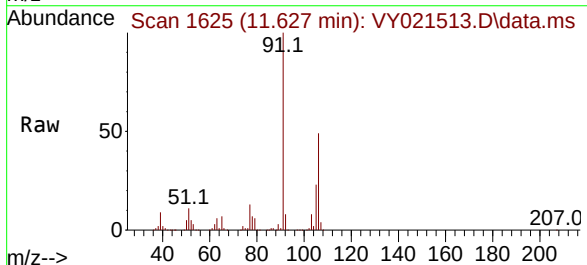
Acq: 12 Mar 2025 16:43

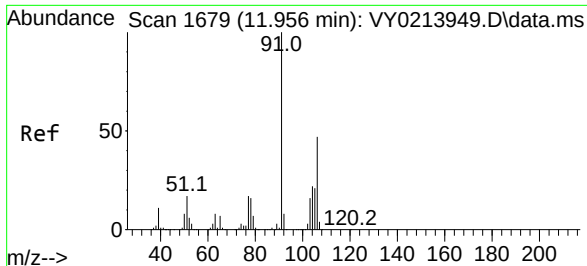
Tgt Ion:106 Resp: 159029

Ion Ratio Lower Upper

106 100

91 204.4 161.7 242.5





#69

o-Xylene

Concen: 18.332 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

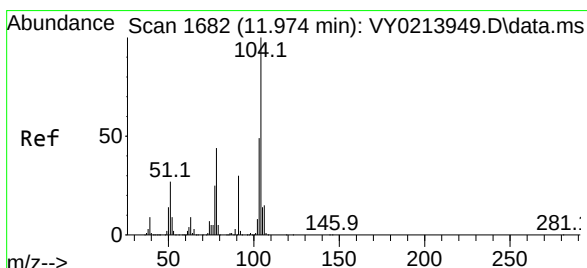
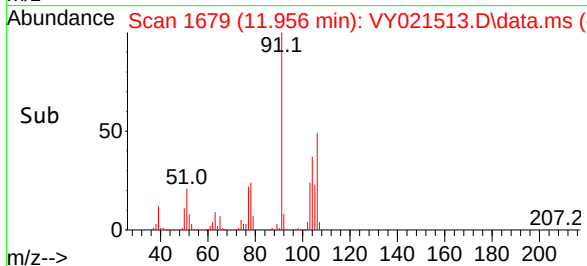
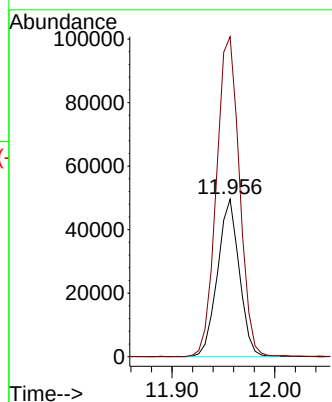
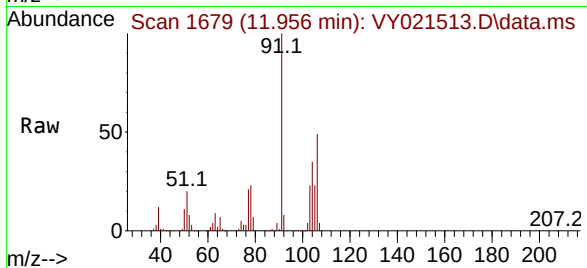
VY0312SBSD01

Tgt Ion:106 Resp: 72895

Ion Ratio Lower Upper

106 100

91 215.7 107.6 322.8



#70

Styrene

Concen: 18.791 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

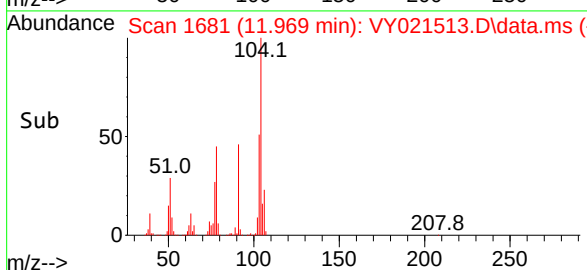
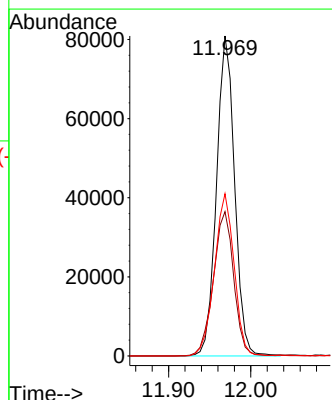
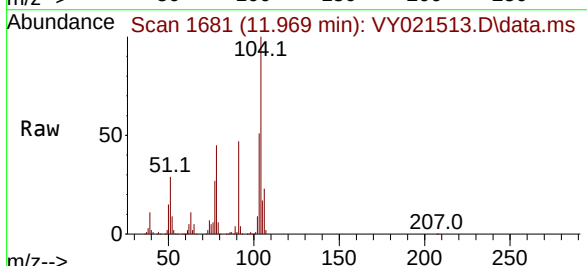
Tgt Ion:104 Resp: 123962

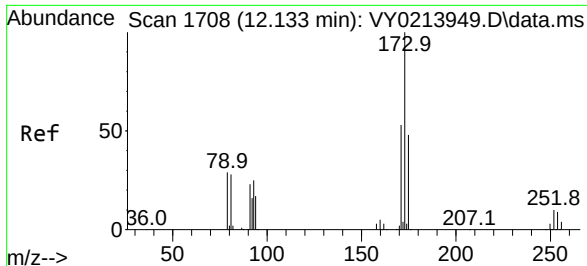
Ion Ratio Lower Upper

104 100

78 50.6 40.7 61.1

103 55.1 44.1 66.1

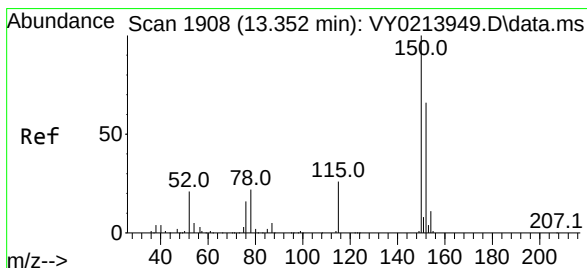
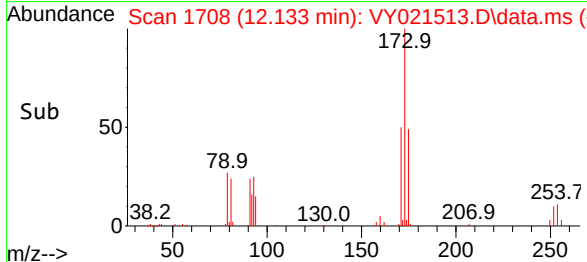
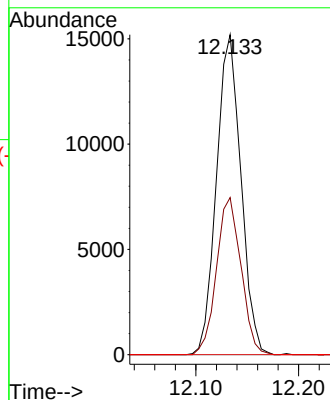
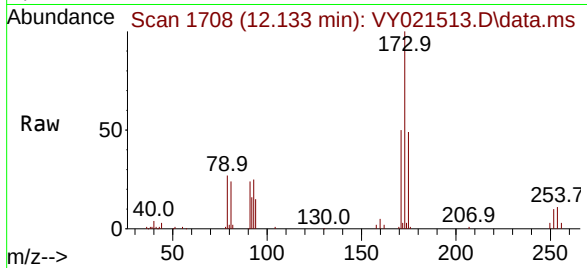




#71
Bromoform
Concen: 19.612 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

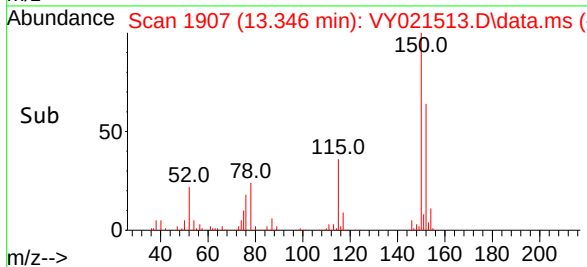
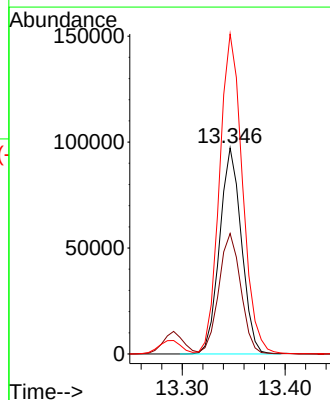
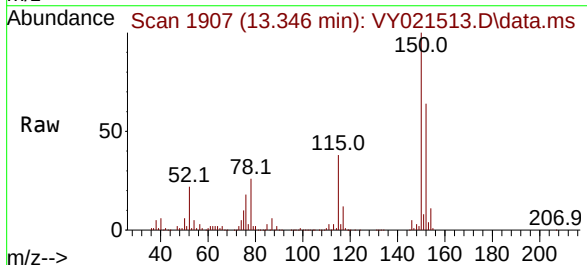
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

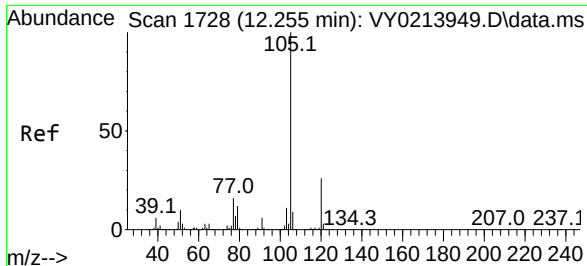
Tgt Ion:173 Resp: 25097
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:152 Resp: 143307
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 164.1 0.0 347.2

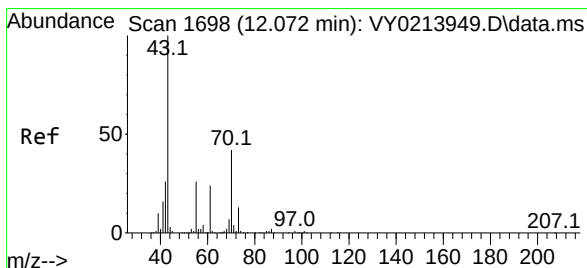
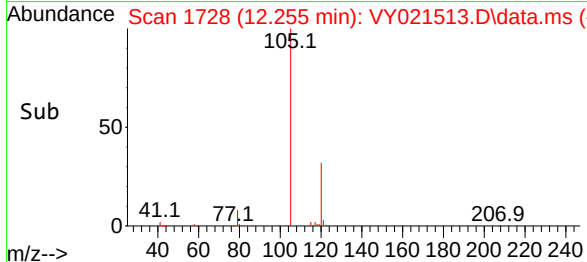
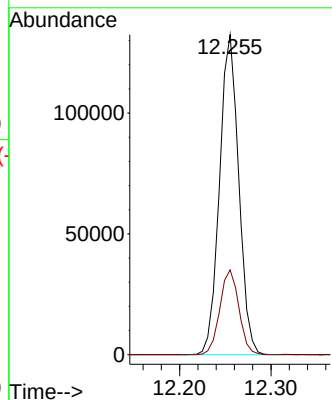
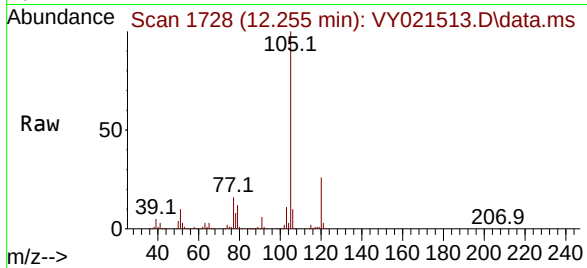




#73
Isopropylbenzene
Concen: 17.155 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

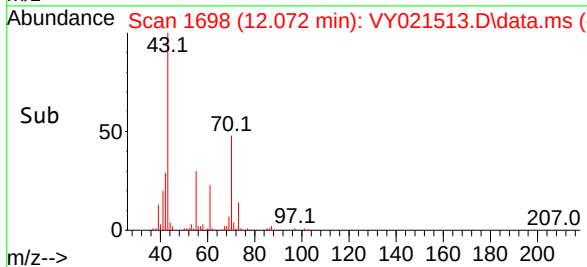
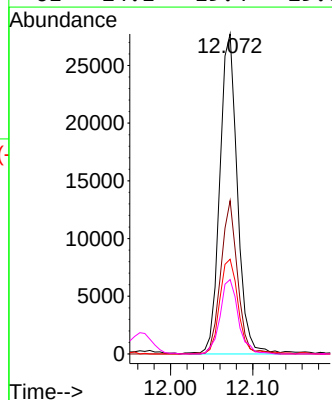
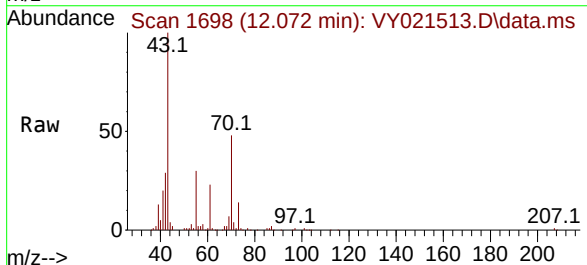
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

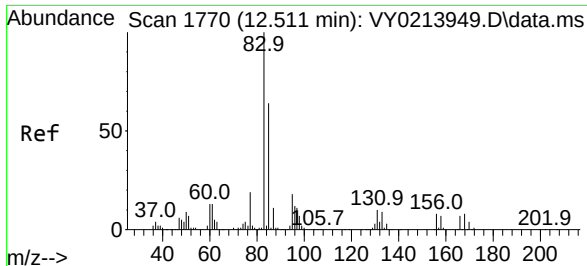
Tgt Ion:105 Resp: 193661
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 16.822 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 43 Resp: 41240
Ion Ratio Lower Upper
43 100
70 45.2 34.6 51.8
55 31.4 21.1 31.7
61 24.1 19.4 29.0

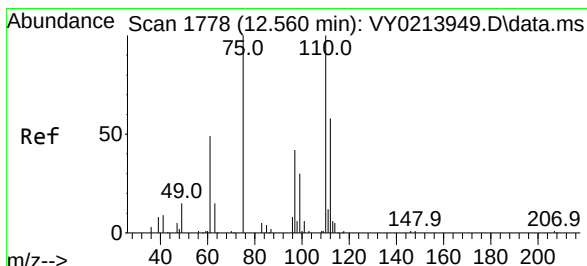
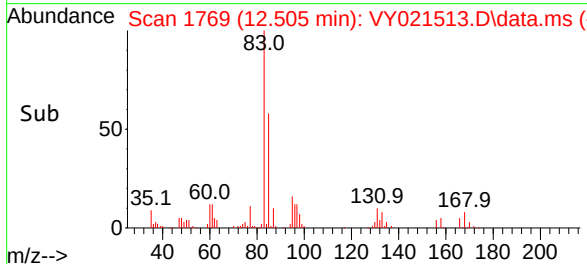
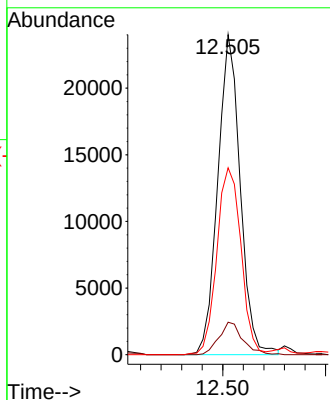
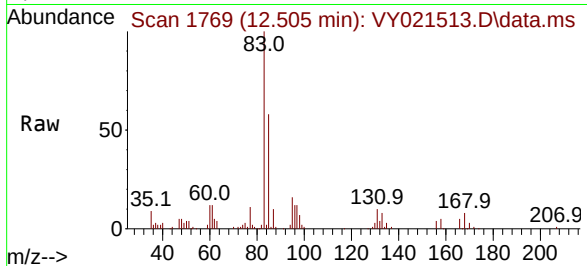




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.287 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

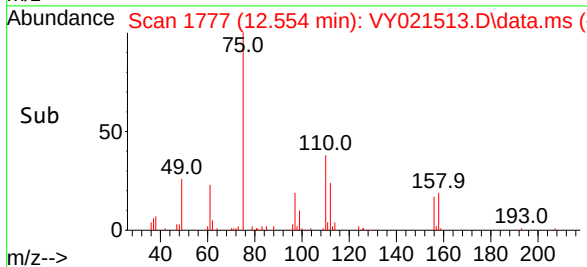
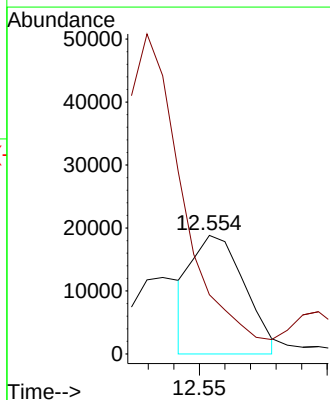
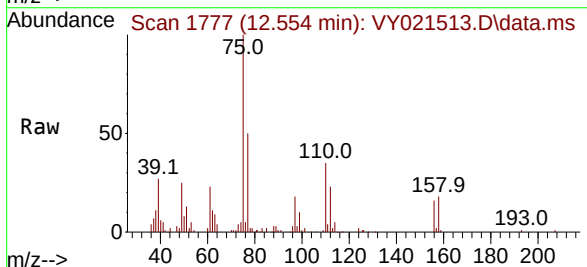
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

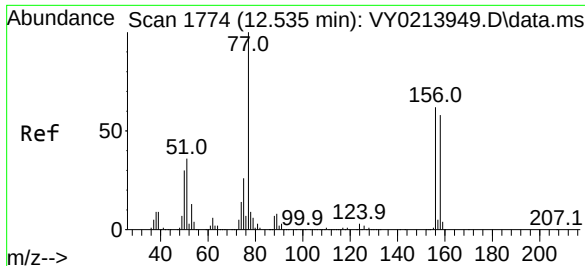
Tgt Ion: 83 Resp: 36428
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.3 16.1
 85 62.6 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 18.653 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion: 75 Resp: 26936
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

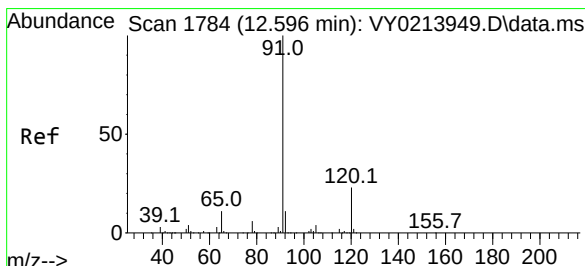
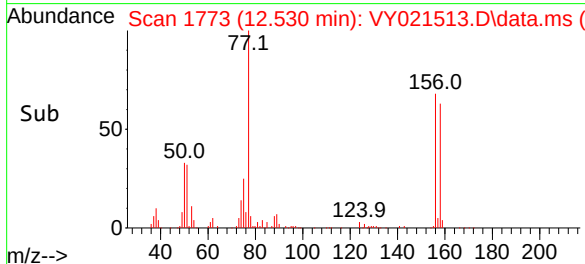
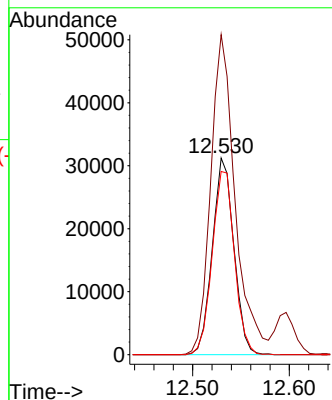
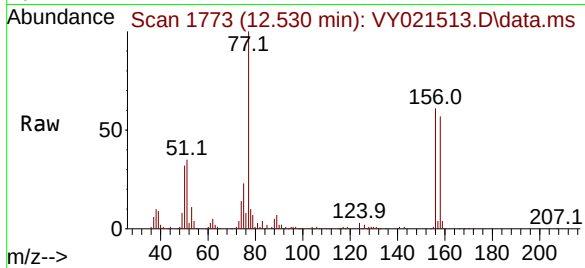




#77
Bromobenzene
Concen: 18.279 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

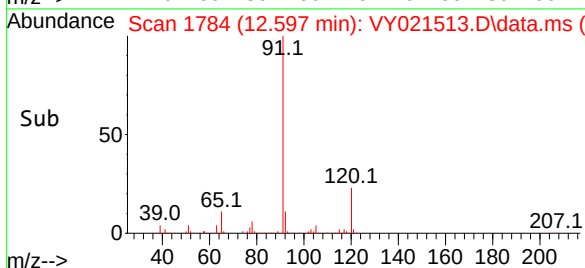
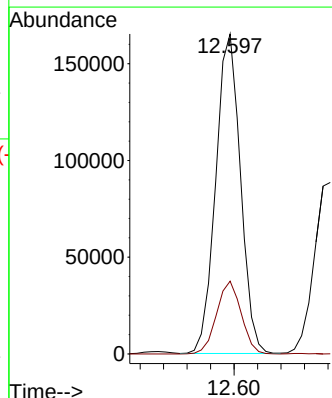
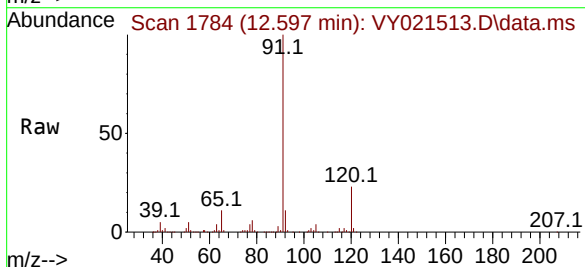
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

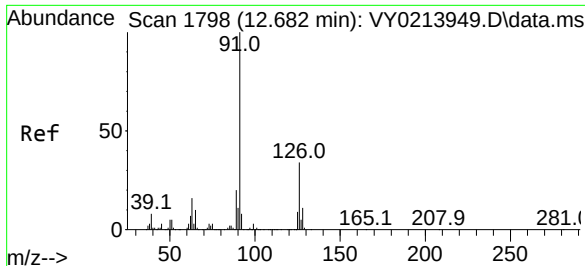
Tgt Ion:156 Resp: 48274
Ion Ratio Lower Upper
156 100
77 184.9 93.6 280.8
158 96.4 48.3 144.8



#78
n-propylbenzene
Concen: 17.587 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 91 Resp: 241112
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

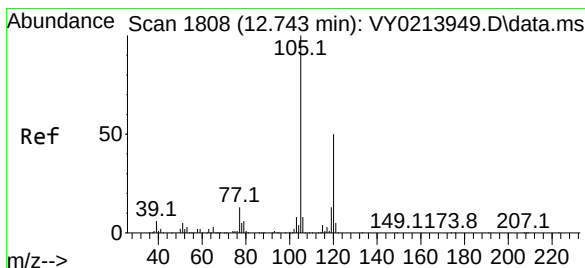
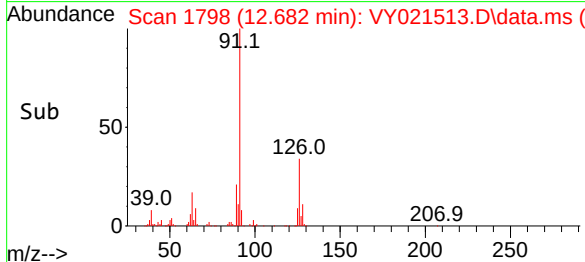
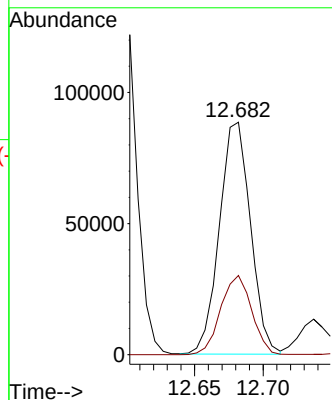
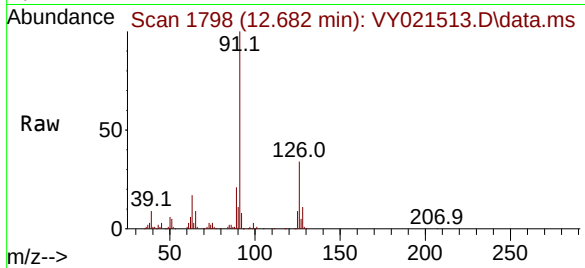




#79
2-Chlorotoluene
Concen: 17.878 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

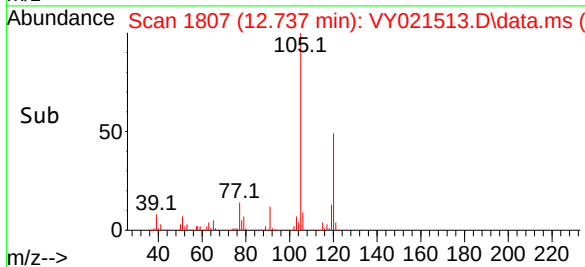
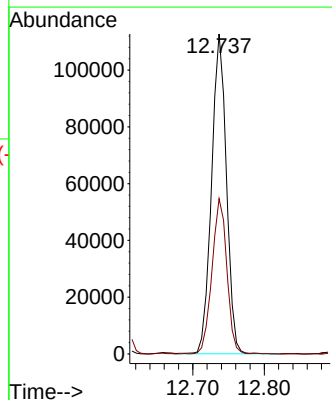
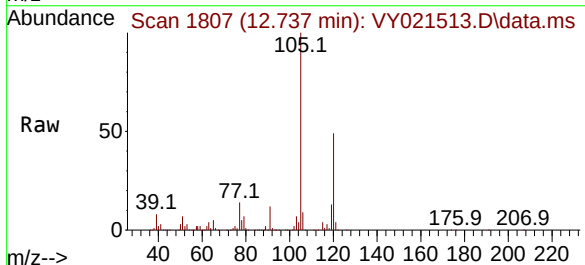
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

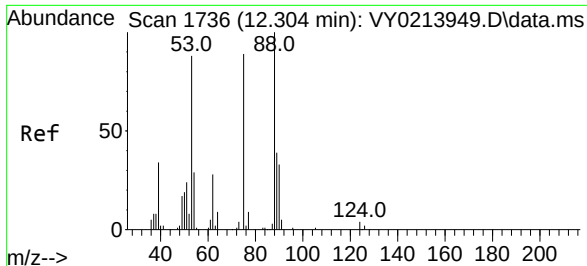
Tgt Ion: 91 Resp: 140149
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 17.683 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 105 Resp: 162223
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6

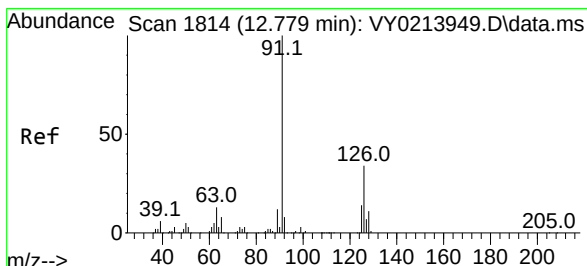
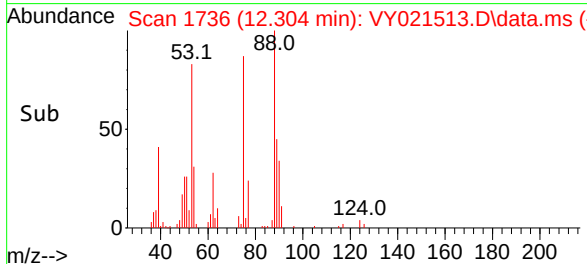
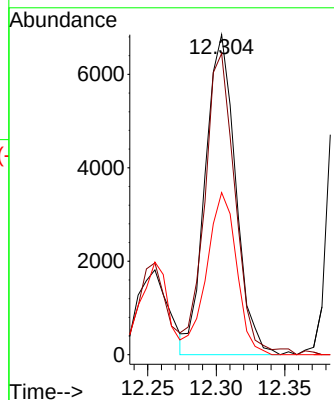
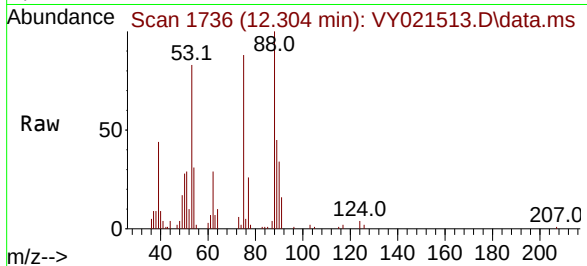




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.540 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

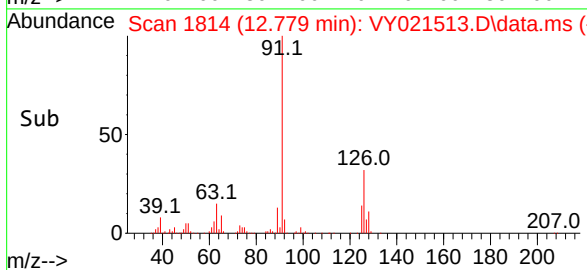
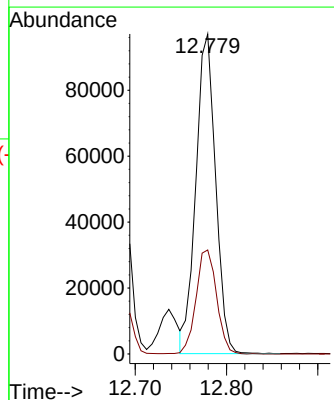
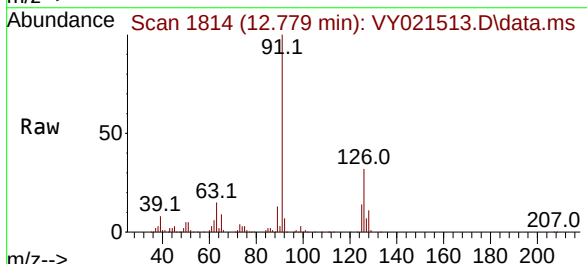
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

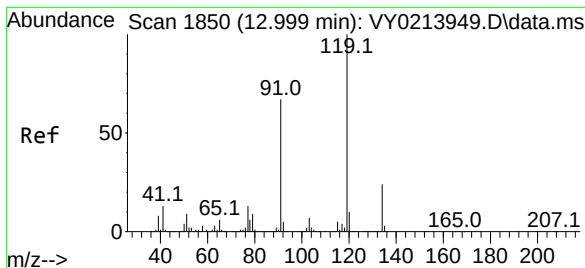
Tgt Ion: 75 Resp: 10507
 Ion Ratio Lower Upper
 75 100
 53 95.0 81.0 121.4
 89 50.4 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 17.931 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion: 91 Resp: 145561
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 17.404 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

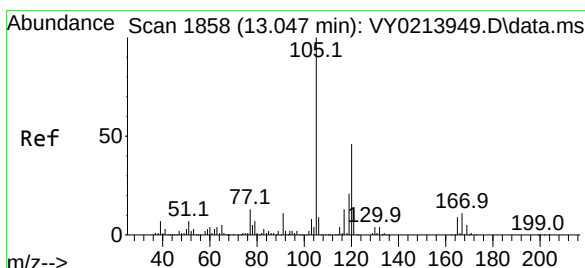
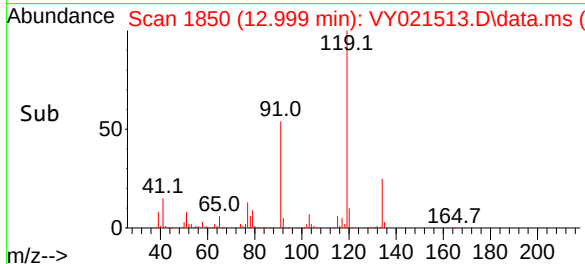
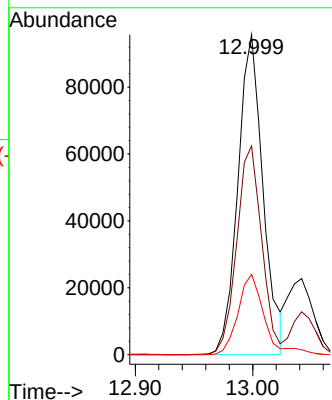
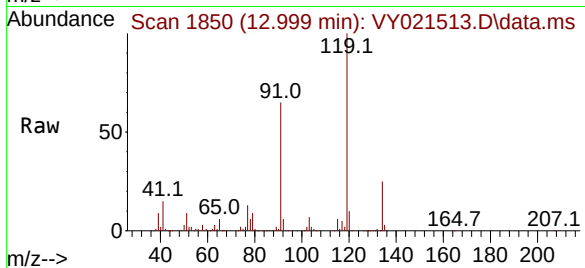
Tgt Ion:119 Resp: 142436

Ion Ratio Lower Upper

119 100

91 65.0 33.2 99.6

134 26.2 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 17.824 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021513.D

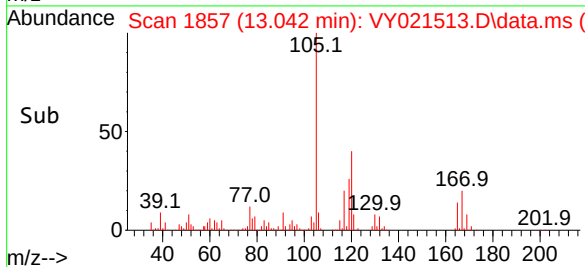
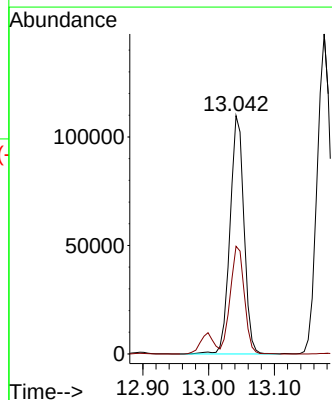
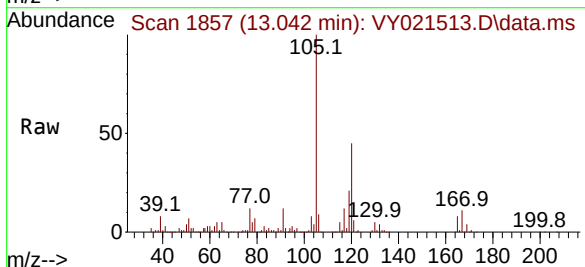
Acq: 12 Mar 2025 16:43

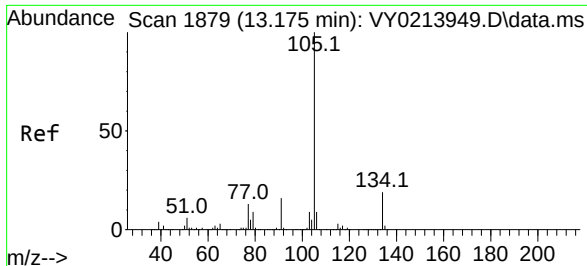
Tgt Ion:105 Resp: 162346

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1

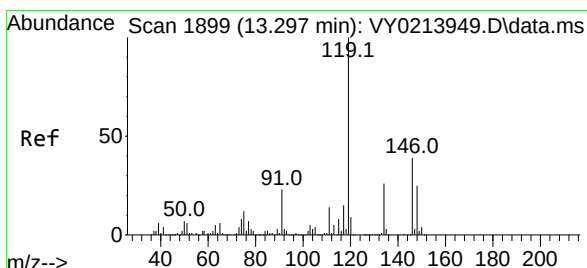
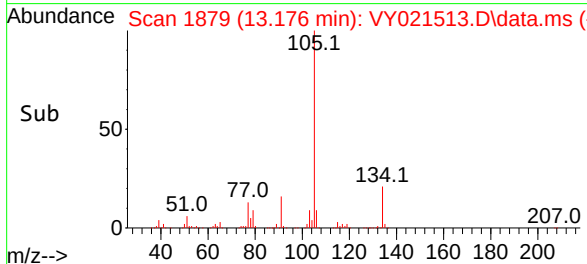
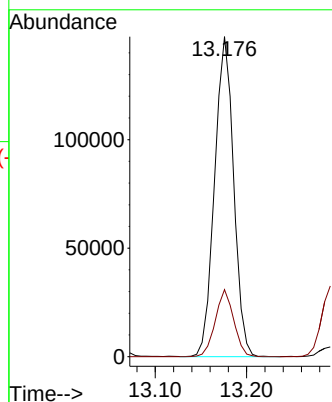
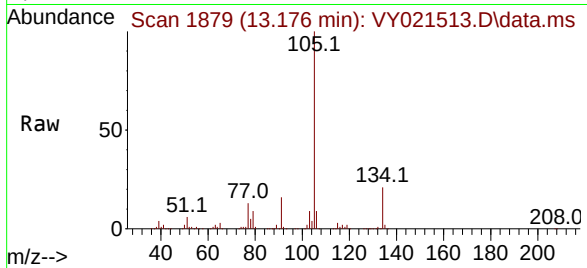




#85
sec-Butylbenzene
Concen: 17.540 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

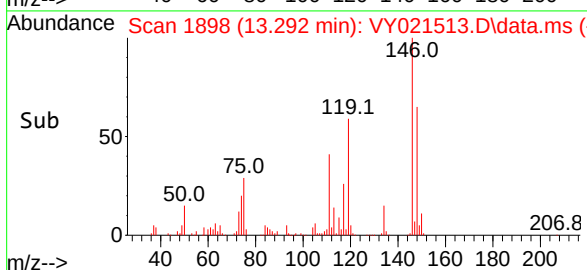
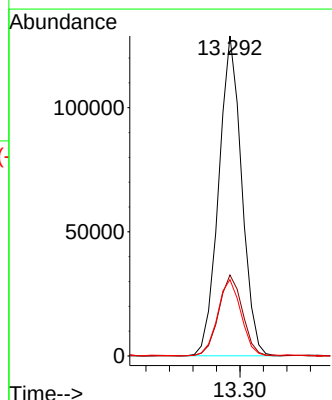
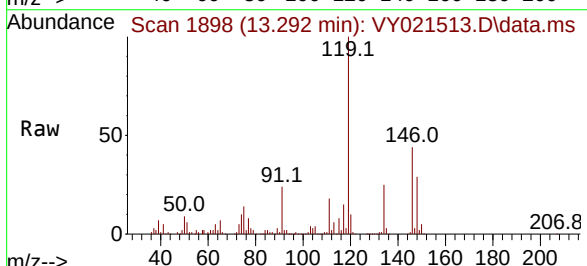
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

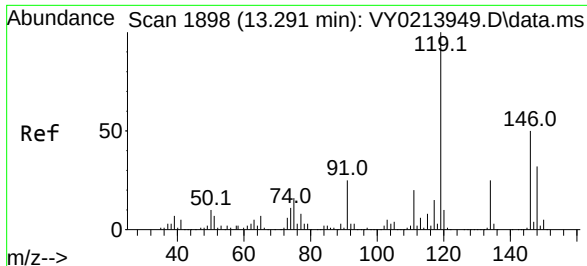
Tgt Ion:105 Resp: 213575
Ion Ratio Lower Upper
105 100
134 20.2 9.9 29.7



#86
p-Isopropyltoluene
Concen: 17.432 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:119 Resp: 174868
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 24.4 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.053 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBSD01

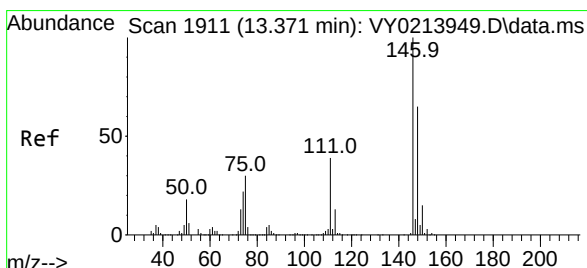
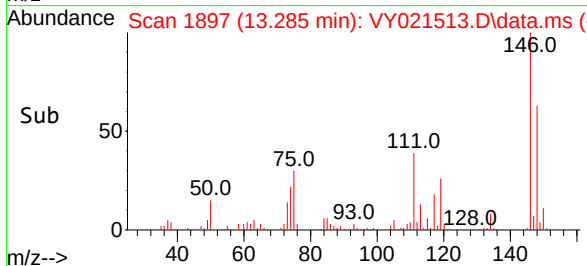
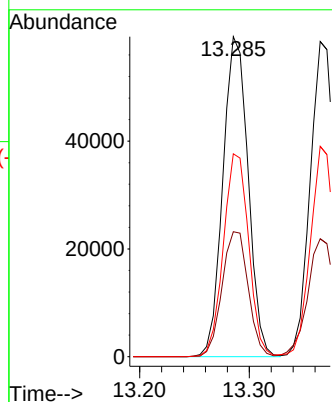
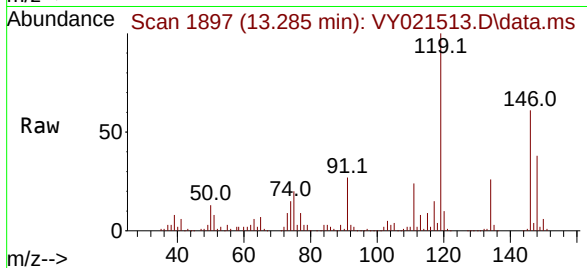
Tgt Ion:146 Resp: 94907

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.166 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021513.D

Acq: 12 Mar 2025 16:43

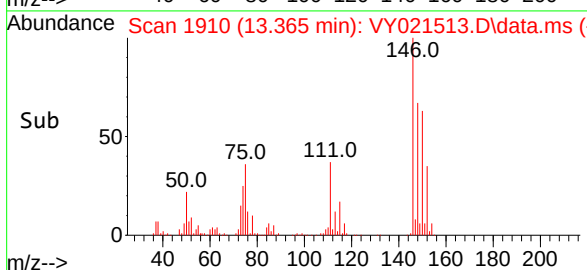
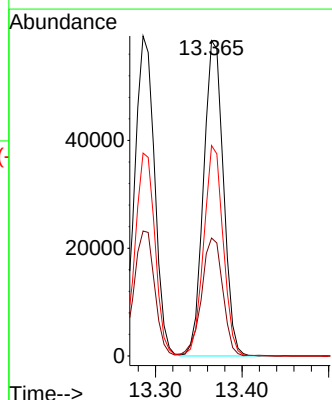
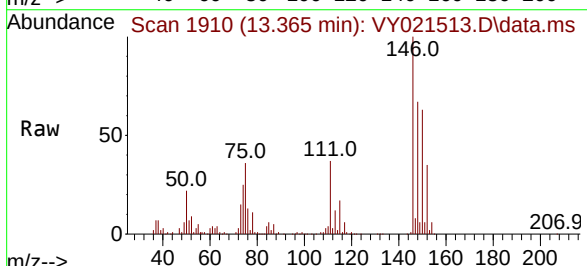
Tgt Ion:146 Resp: 93396

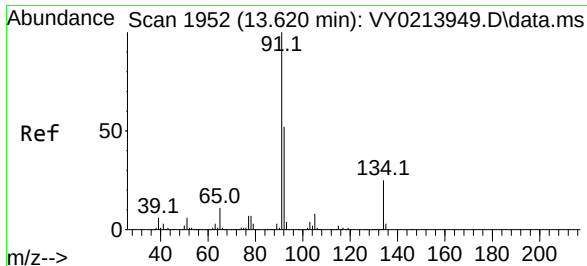
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

148 65.1 32.3 96.8

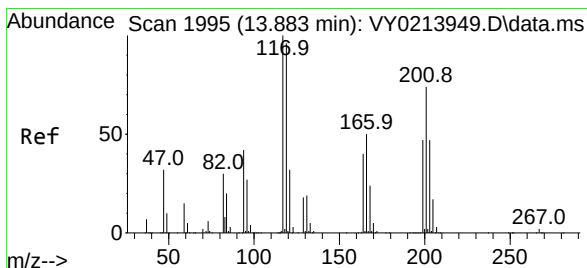
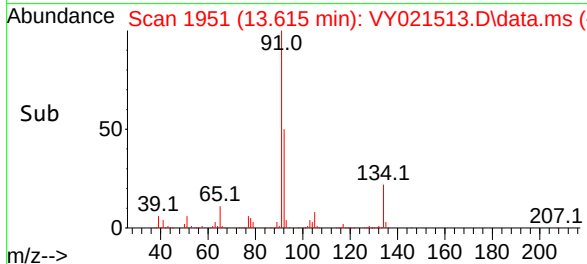
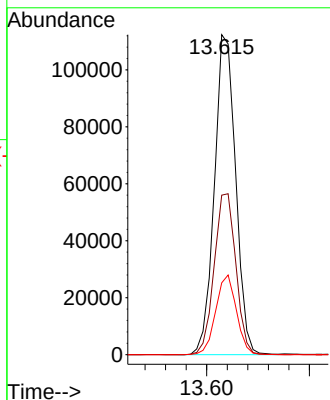
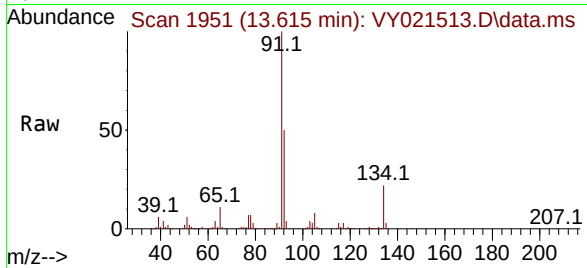




#89
n-Butylbenzene
Concen: 17.385 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

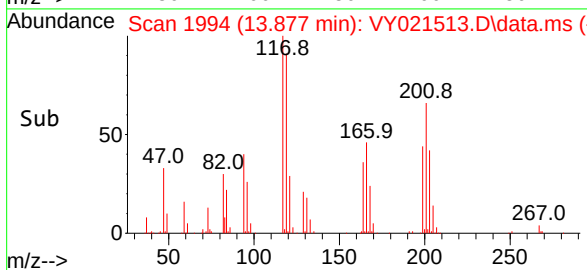
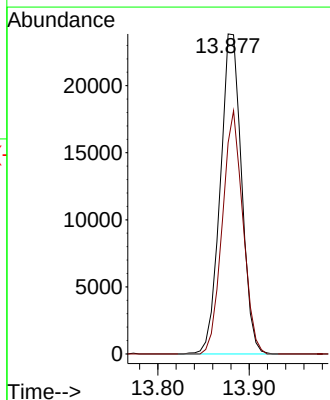
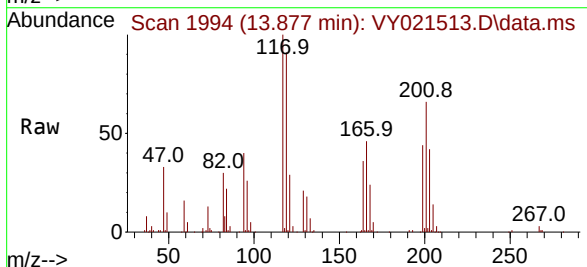
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

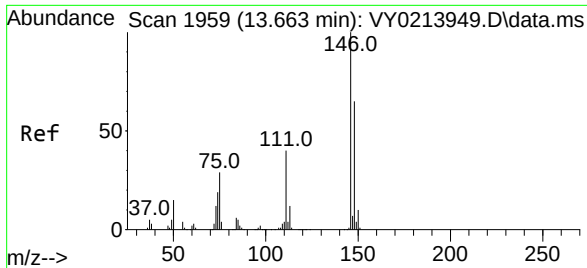
Tgt Ion: 91 Resp: 161039
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.3
134 24.3 12.6 37.8



#90
Hexachloroethane
Concen: 18.056 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion: 117 Resp: 38640
Ion Ratio Lower Upper
117 100
201 73.2 37.4 112.2

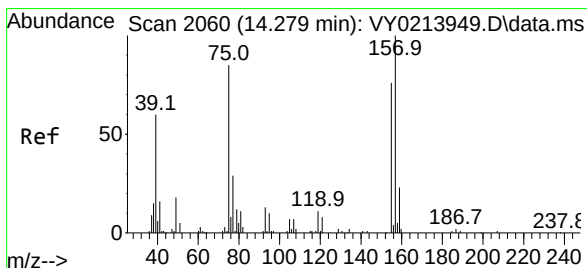
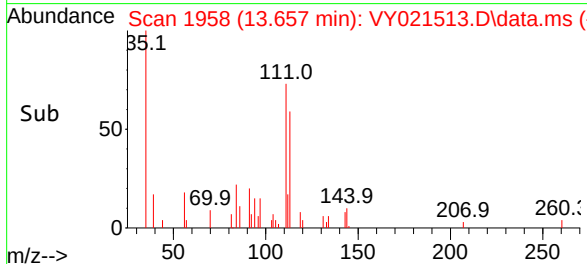
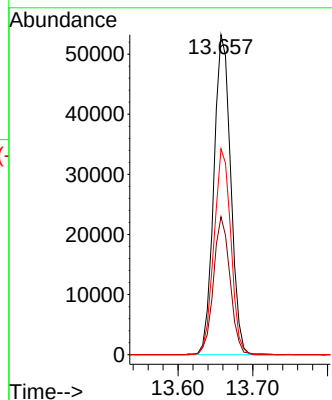
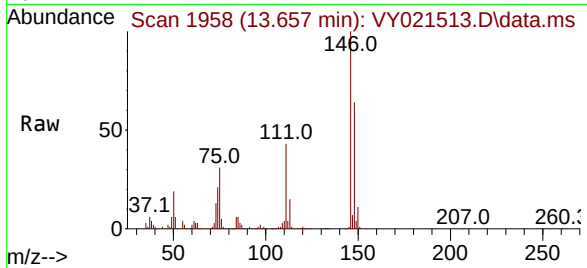




#91
 1,2-Dichlorobenzene
 Concen: 18.563 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

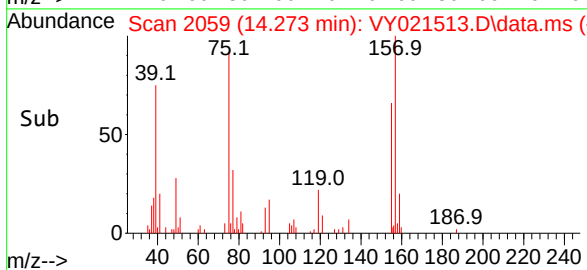
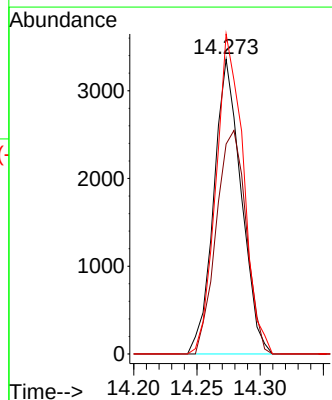
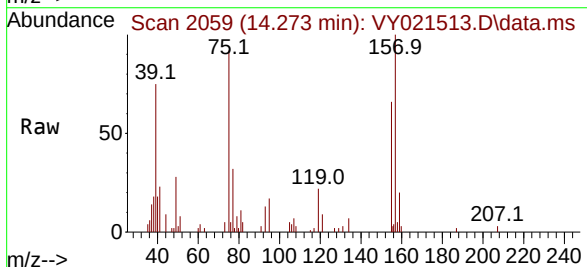
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

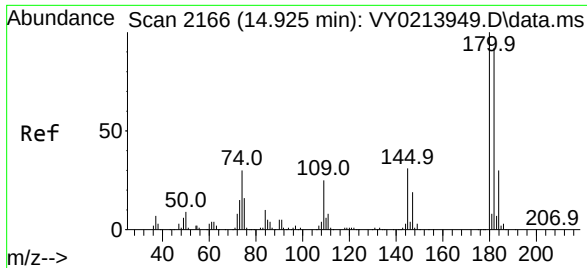
Tgt Ion:	146	Resp:	83638
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.7	62.1
148	64.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.980 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion:	75	Resp:	5067
Ion Ratio	Lower	Upper	
75	100		
155	82.7	43.5	130.5
157	107.9	54.4	163.2

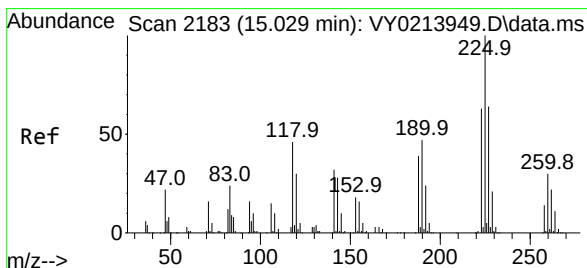
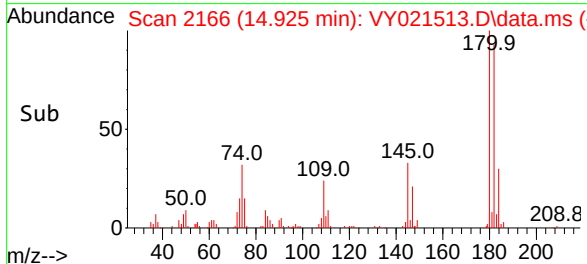
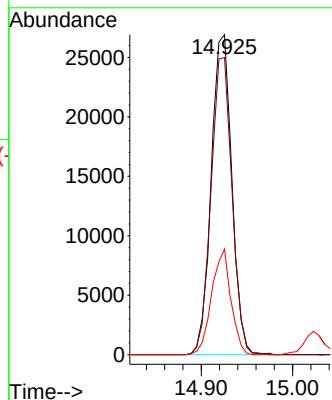
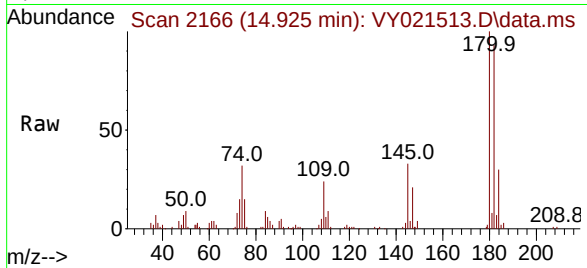




#93
 1,2,4-Trichlorobenzene
 Concen: 17.140 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

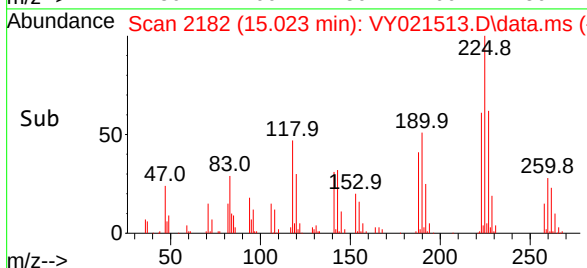
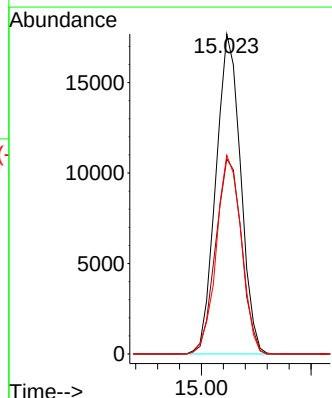
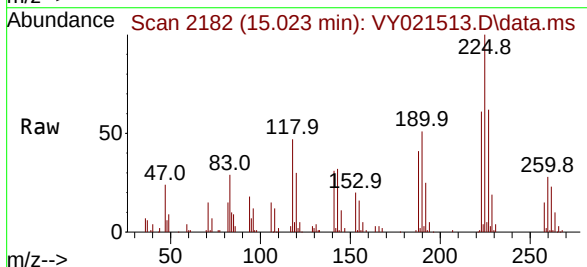
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBSD01

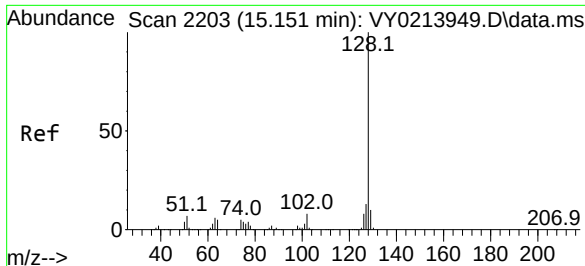
Tgt Ion:180 Resp: 42181
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.7 140.0
 145 30.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 17.986 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021513.D
 Acq: 12 Mar 2025 16:43

Tgt Ion:225 Resp: 27746
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.4 94.2
 227 62.6 31.8 95.4

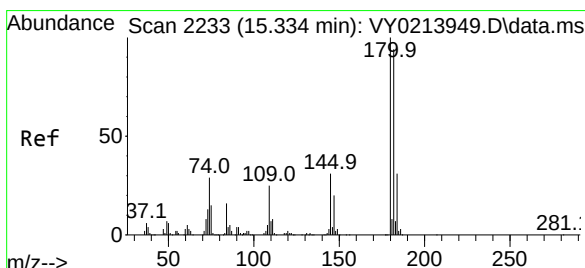
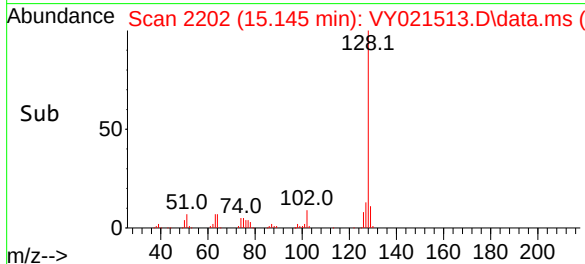
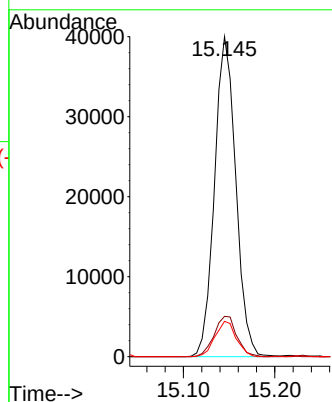
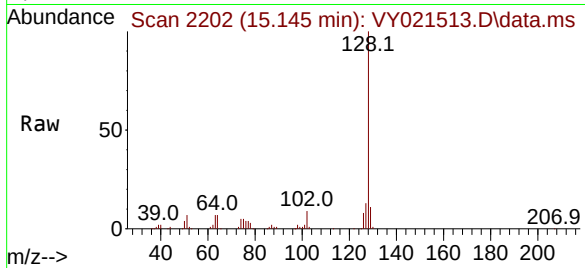




#95
Naphthalene
Concen: 17.579 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBSD01

Tgt Ion:	128	Resp:	64719
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.480 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021513.D
Acq: 12 Mar 2025 16:43

Tgt Ion:	180	Resp:	36181
Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.2	141.6
145	31.9	16.4	49.1

