

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
 Data File : VY021567.D
 Acq On : 19 Mar 2025 13:43
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Quant Time: Mar 20 01:29:56 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	212929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	329919	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	287908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115315	51.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.480%	
35) Dibromofluoromethane	7.634	113	106640	49.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.340%	
50) Toluene-d8	10.103	98	401912	48.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.401	95	139444	49.925	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36243	18.548	ug/l	98
3) Chloromethane	2.068	50	53461	19.406	ug/l	99
4) Vinyl Chloride	2.202	62	61611	20.465	ug/l	96
5) Bromomethane	2.586	94	42475	19.522	ug/l	99
6) Chloroethane	2.726	64	42082	21.152	ug/l	97
7) Trichlorofluoromethane	3.049	101	88428	21.044	ug/l	91
8) Diethyl Ether	3.452	74	23081	19.821	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	47981	20.000	ug/l	100
10) Methyl Iodide	4.001	142	45816	18.787	ug/l	100
11) Tert butyl alcohol	4.854	59	18342	113.003	ug/l #	88
12) 1,1-Dichloroethene	3.781	96	43219	19.760	ug/l	97
13) Acrolein	3.647	56	12325	107.670	ug/l	93
14) Allyl chloride	4.385	41	69730	19.727	ug/l	98
15) Acrylonitrile	5.055	53	54509	109.961	ug/l	99
16) Acetone	3.866	43	51373	104.659	ug/l	96
17) Carbon Disulfide	4.098	76	117256	17.106	ug/l	99
18) Methyl Acetate	4.378	43	23992	22.029	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	114611	20.674	ug/l	96
20) Methylene Chloride	4.610	84	51707	20.068	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	47158	19.252	ug/l	99
22) Diisopropyl ether	6.012	45	157072	20.620	ug/l	98
23) Vinyl Acetate	5.957	43	446192	102.634	ug/l	99
24) 1,1-Dichloroethane	5.909	63	91741	20.406	ug/l	99
25) 2-Butanone	6.890	43	71841	105.803	ug/l	100
26) 2,2-Dichloropropane	6.884	77	81541	19.711	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56654	20.359	ug/l	96
28) Bromochloromethane	7.244	49	37987	20.154	ug/l	100
29) Tetrahydrofuran	7.256	42	45507	108.560	ug/l	99
30) Chloroform	7.421	83	96072	20.579	ug/l	96
31) Cyclohexane	7.695	56	75743	17.970	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	86158	20.156	ug/l	99
36) 1,1-Dichloropropene	7.829	75	65450	19.281	ug/l	99
37) Ethyl Acetate	6.976	43	32140	21.422	ug/l	100
38) Carbon Tetrachloride	7.811	117	77073	19.742	ug/l	98
39) Methylcyclohexane	9.109	83	75382	18.104	ug/l	100
40) Benzene	8.079	78	198071	19.808	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	14456	17.695	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	56678	20.261	ug/l	99
43) Isopropyl Acetate	8.195	43	61613	21.154	ug/l	100
44) Trichloroethene	8.859	130	51116	20.229	ug/l	95
45) 1,2-Dichloropropane	9.140	63	49566	20.827	ug/l	100
46) Dibromomethane	9.231	93	27852	21.033	ug/l	99
47) Bromodichloromethane	9.420	83	74022	21.049	ug/l	100
48) Methyl methacrylate	9.219	41	27236	20.364	ug/l	98
49) 1,4-Dioxane	9.225	88	6543	503.405	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	163688	108.923	ug/l	99
52) Toluene	10.170	92	126332	20.039	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	63920	20.631	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	75477	20.519	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	37220	21.487	ug/l	97
56) Ethyl methacrylate	10.438	69	45831	20.746	ug/l	98
57) 1,3-Dichloropropane	10.713	76	63516	21.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	105830	103.775	ug/l	99
59) 2-Hexanone	10.762	43	107682	108.367	ug/l	100
60) Dibromochloromethane	10.908	129	51073	21.507	ug/l	99
61) 1,2-Dibromoethane	11.011	107	34033	20.818	ug/l	100
64) Tetrachloroethene	10.646	164	54815	23.414	ug/l	99
65) Chlorobenzene	11.438	112	137479	20.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	49435	20.566	ug/l	99
67) Ethyl Benzene	11.517	91	237813	19.929	ug/l	99
68) m/p-Xylenes	11.627	106	179111	39.535	ug/l	98
69) o-Xylene	11.956	106	84498	20.237	ug/l	99
70) Styrene	11.969	104	142260	20.537	ug/l	99
71) Bromoform	12.133	173	29573	22.009	ug/l #	98
73) Isopropylbenzene	12.255	105	226324	18.948	ug/l	100
74) N-amyl acetate	12.072	43	53535	20.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	43780	20.770	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	55992	36.644	ug/l #	100
77) Bromobenzene	12.529	156	55247	19.770	ug/l	97
78) n-propylbenzene	12.597	91	277413	19.123	ug/l	100
79) 2-Chlorotoluene	12.676	91	161860	19.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	187648	19.331	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12514	18.618	ug/l	99
82) 4-Chlorotoluene	12.779	91	169565	19.741	ug/l	98
83) tert-Butylbenzene	12.999	119	168538	19.463	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	188618	19.571	ug/l	100
85) sec-Butylbenzene	13.176	105	249333	19.352	ug/l	99
86) p-Isopropyltoluene	13.292	119	207974	19.593	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	110625	19.888	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	107732	19.804	ug/l	98
89) n-Butylbenzene	13.615	91	191014	19.488	ug/l	99
90) Hexachloroethane	13.877	117	44517	19.659	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	97462	20.443	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6762	21.416	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	56283	21.614	ug/l	98
94) Hexachlorobutadiene	15.023	225	35306	21.629	ug/l	99
95) Naphthalene	15.145	128	90637	22.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47211	21.556	ug/l	97

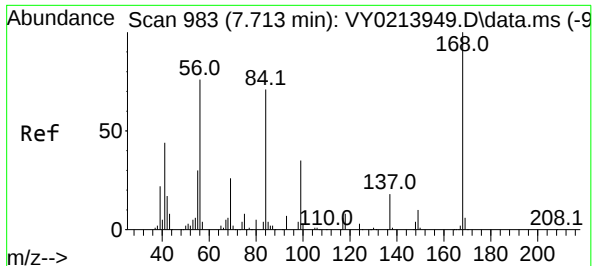
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031925\
Data File : VY021567.D
Acq On : 19 Mar 2025 13:43
Operator : SY/MD
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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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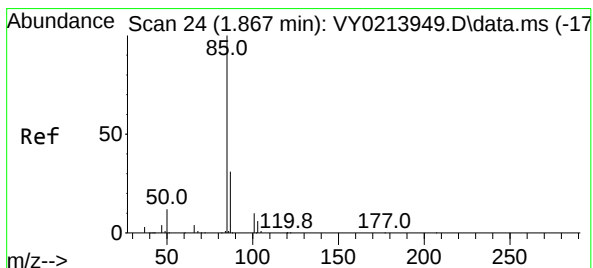
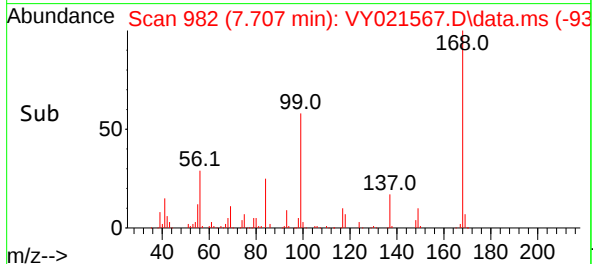
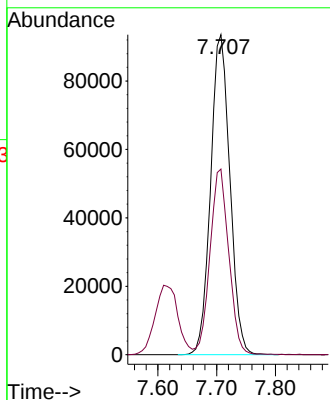
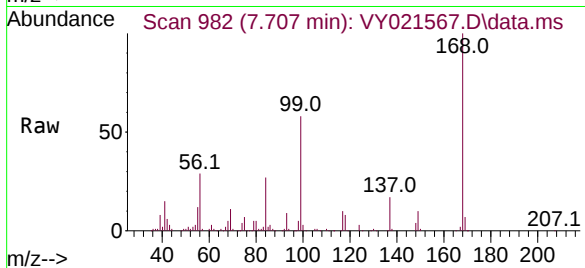
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

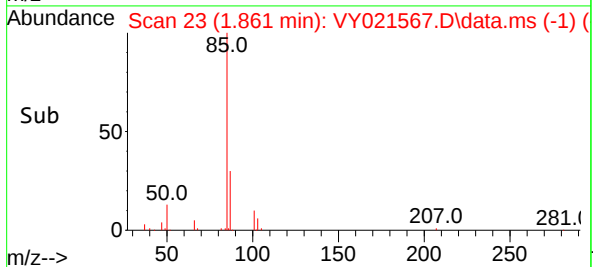
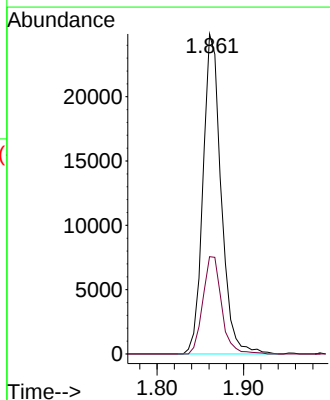
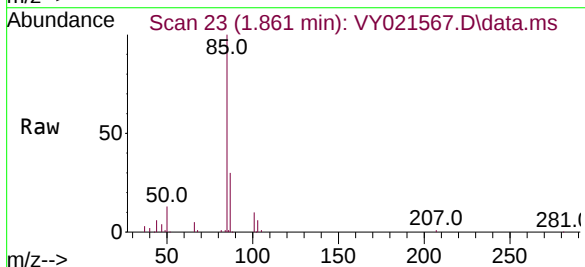
Instrument :
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ClientSampleId :
VY0319SBS01

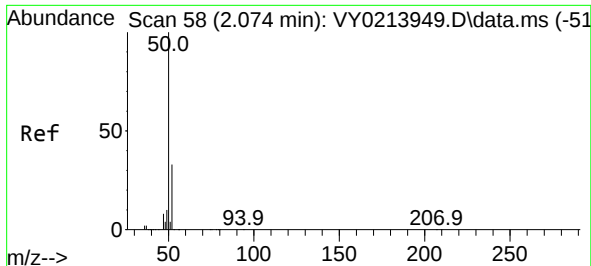
Tgt Ion:168 Resp: 212929
Ion Ratio Lower Upper
168 100
99 57.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.548 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 85 Resp: 36243
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0

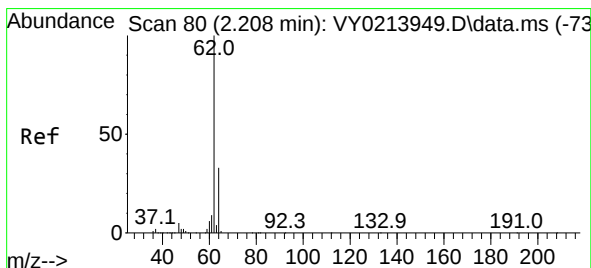
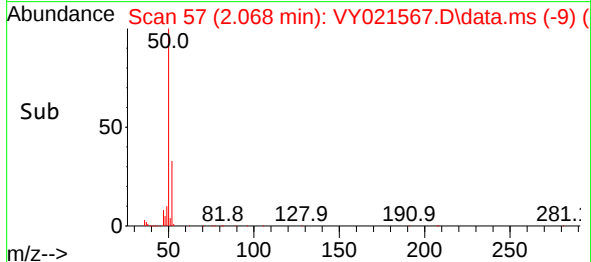
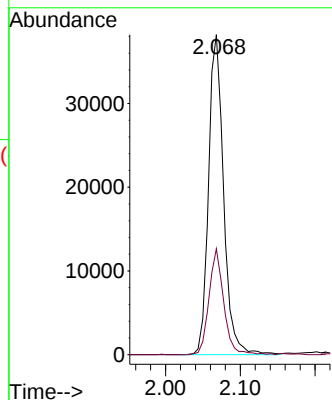
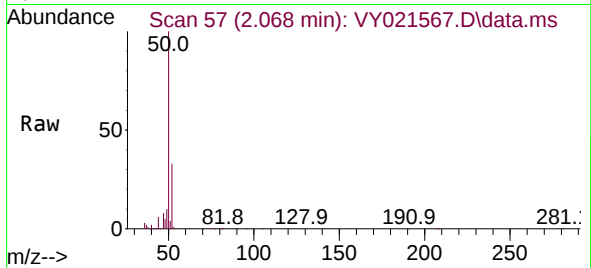




#3
Chloromethane
Concen: 19.406 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

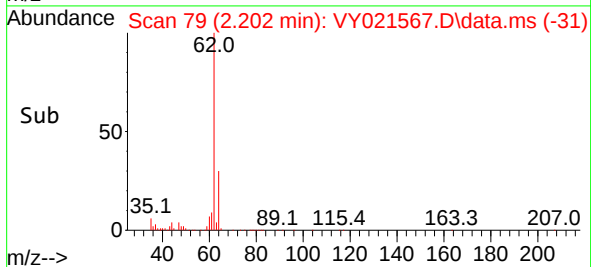
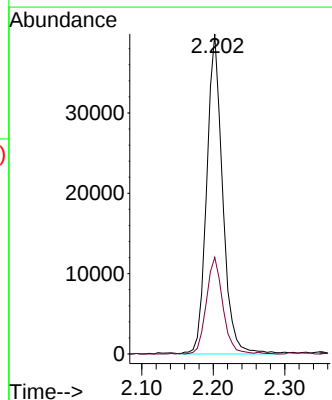
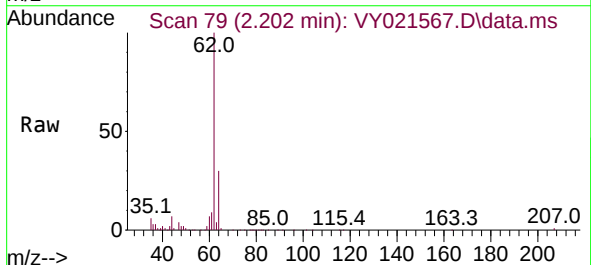
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

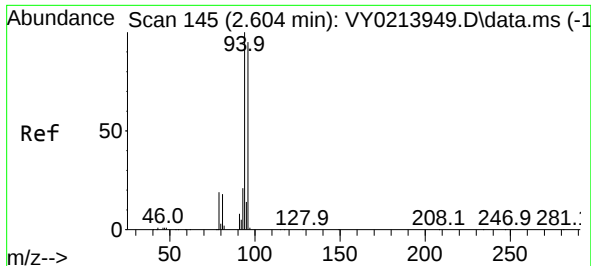
Tgt Ion: 50 Resp: 53461
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 20.465 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 62 Resp: 61611
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2

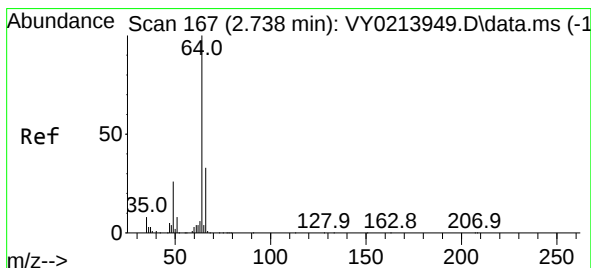
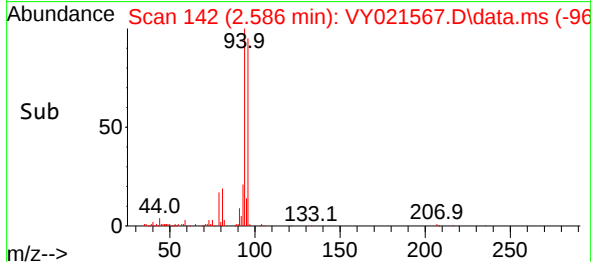
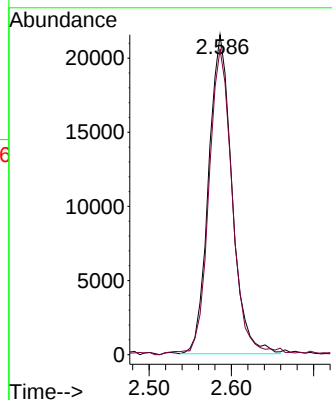
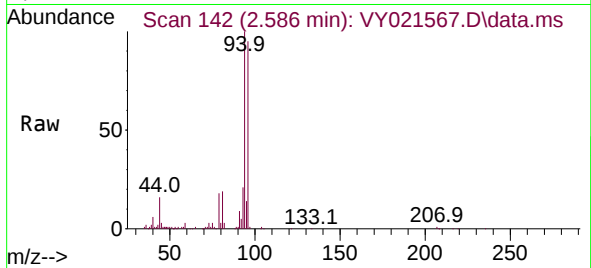




#5
Bromomethane
Concen: 19.522 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

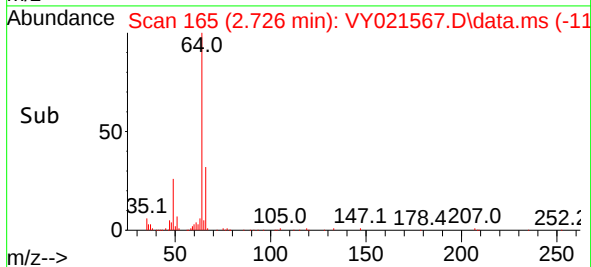
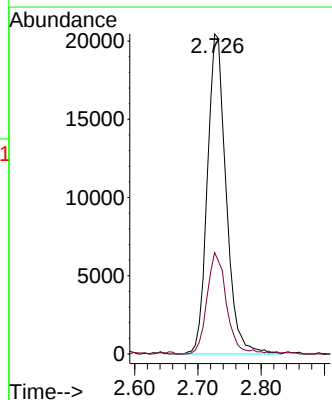
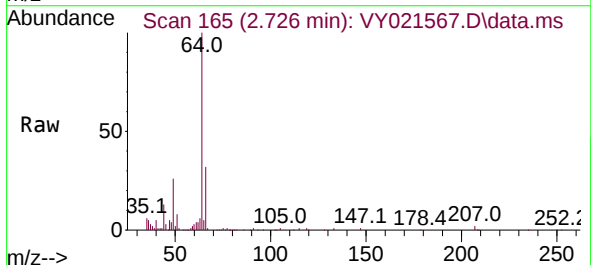
Instrument :
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ClientSampleId :
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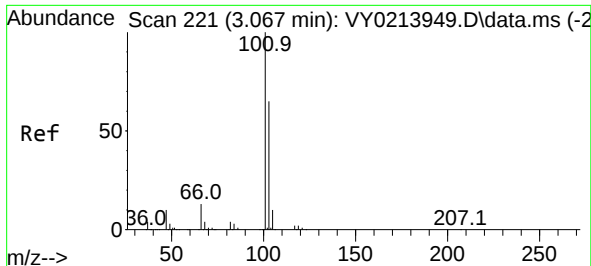
Tgt Ion: 94 Resp: 42475
Ion Ratio Lower Upper
94 100
96 94.8 76.3 114.5



#6
Chloroethane
Concen: 21.152 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 64 Resp: 42082
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1

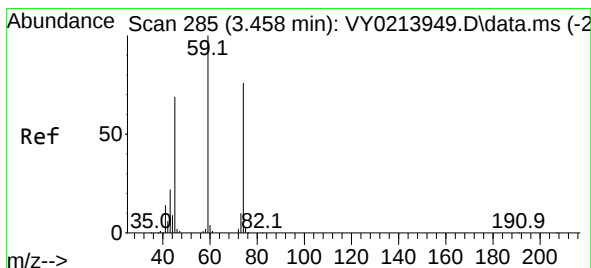
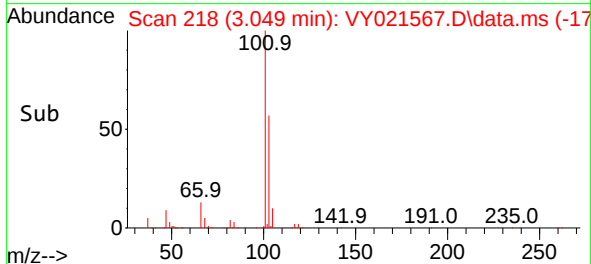
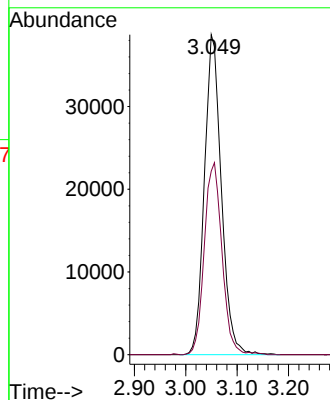
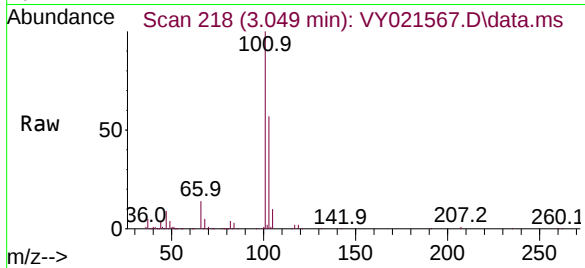




#7
 Trichlorofluoromethane
 Concen: 21.044 ug/l
 RT: 3.049 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

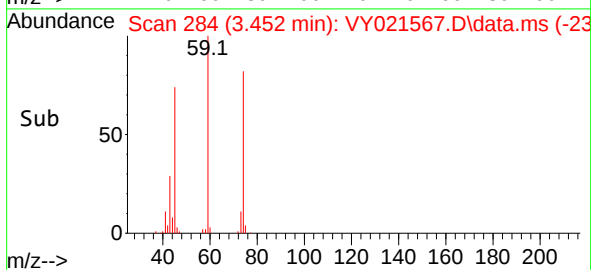
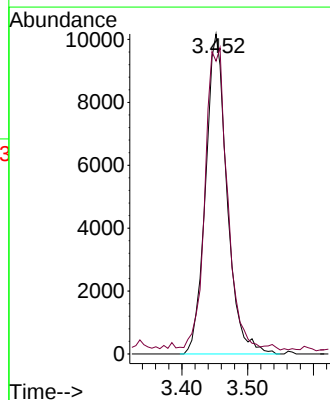
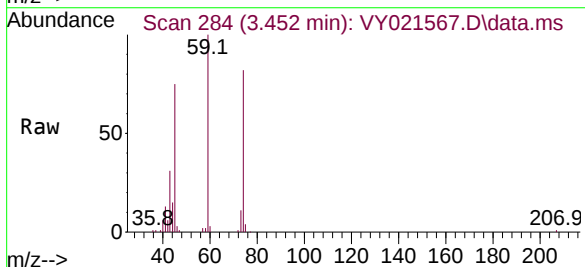
Instrument :
 MSVOA_Y
 ClientSampleId :
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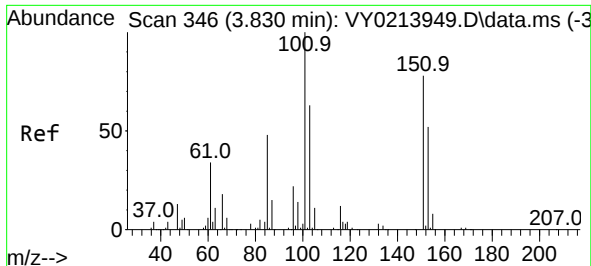
Tgt Ion:101 Resp: 88428
 Ion Ratio Lower Upper
 101 100
 103 57.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.821 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 74 Resp: 23081
 Ion Ratio Lower Upper
 74 100
 45 96.0 49.7 149.1

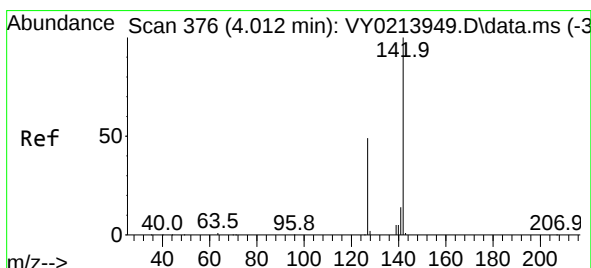
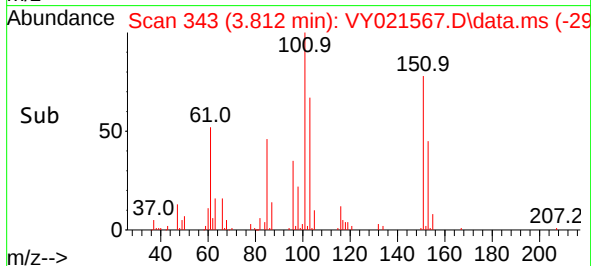
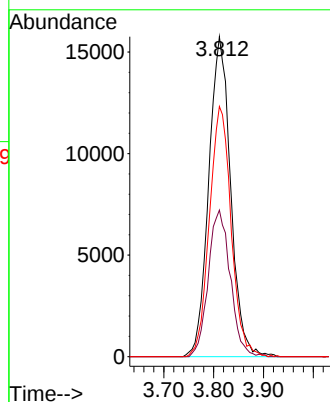
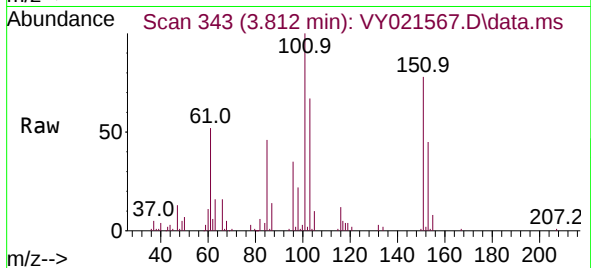




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.000 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

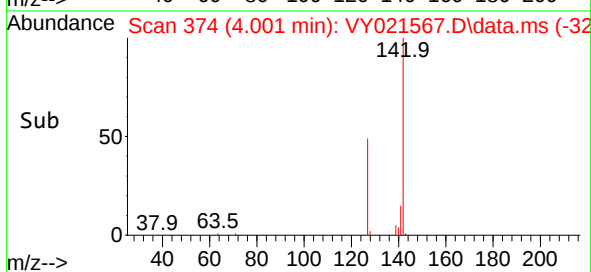
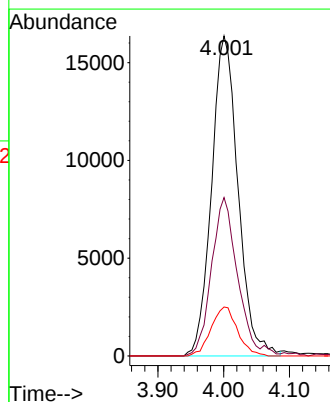
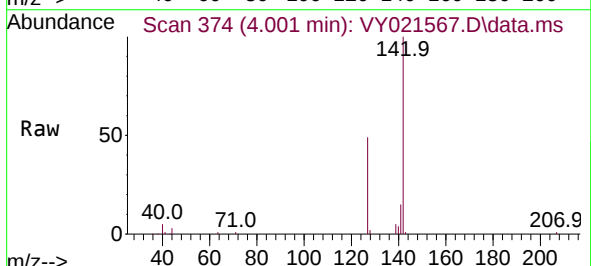
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

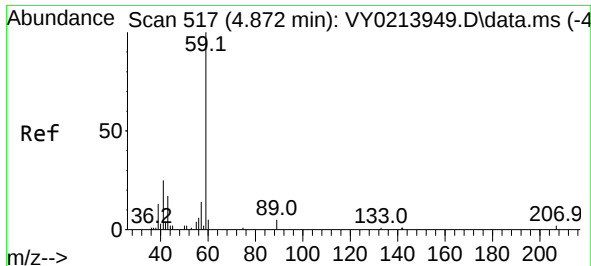
Tgt Ion:101 Resp: 47981
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.7 62.1 93.1



#10
Methyl Iodide
Concen: 18.787 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:142 Resp: 45816
Ion Ratio Lower Upper
142 100
127 48.9 39.1 58.7
141 15.3 11.8 17.6





#11

Tert butyl alcohol

Concen: 113.003 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

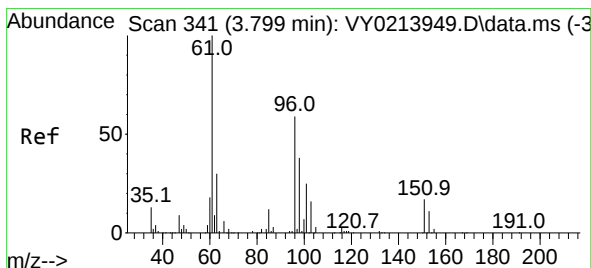
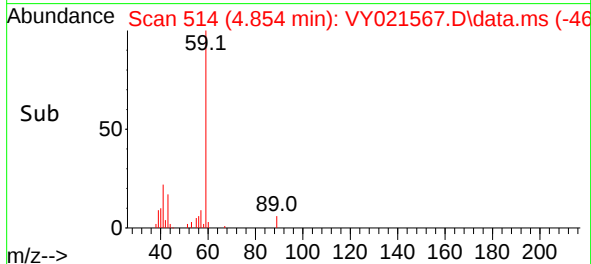
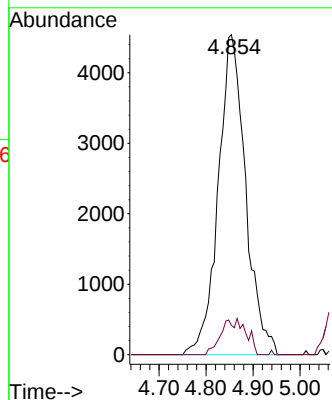
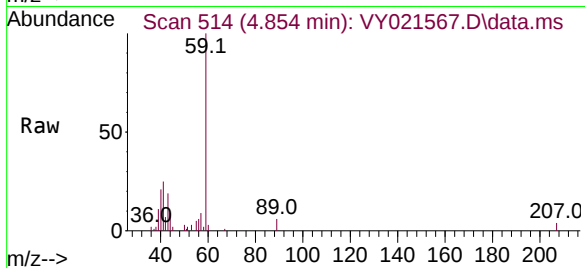
VY0319SBS01

Tgt Ion: 59 Resp: 18342

Ion Ratio Lower Upper

59 100

57 5.7 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 19.760 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.018 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

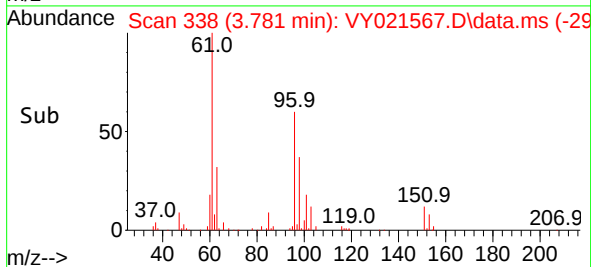
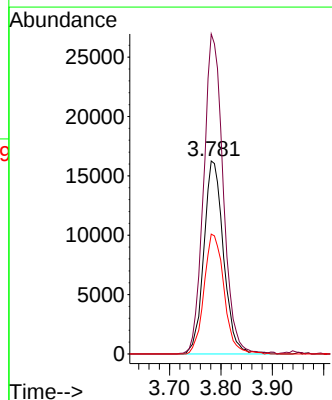
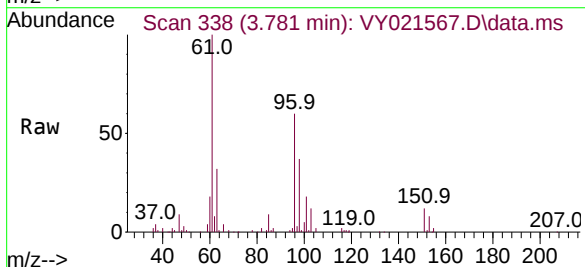
Tgt Ion: 96 Resp: 43219

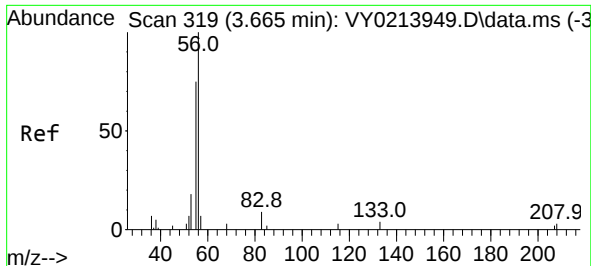
Ion Ratio Lower Upper

96 100

61 165.5 135.2 202.8

98 62.1 51.4 77.2

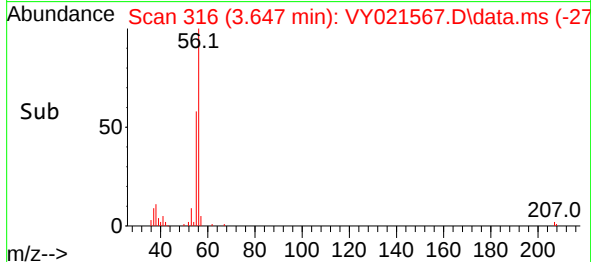
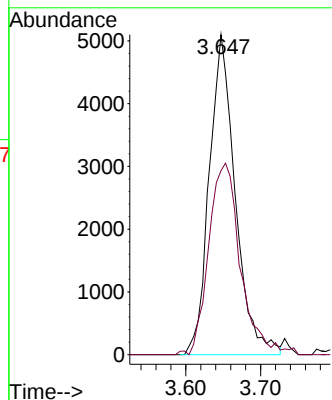
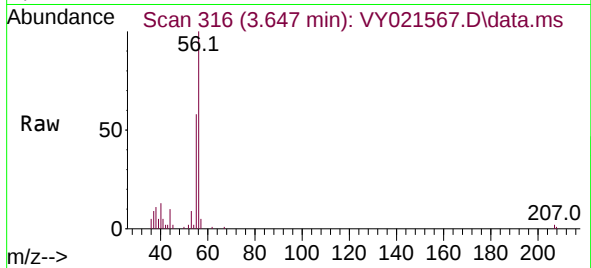




#13
Acrolein
Concen: 107.670 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

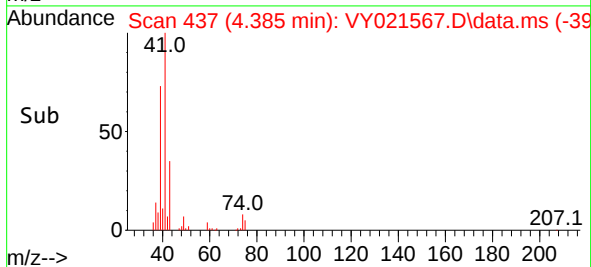
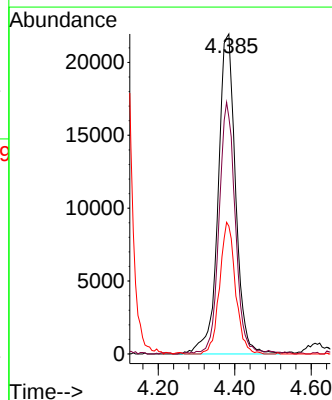
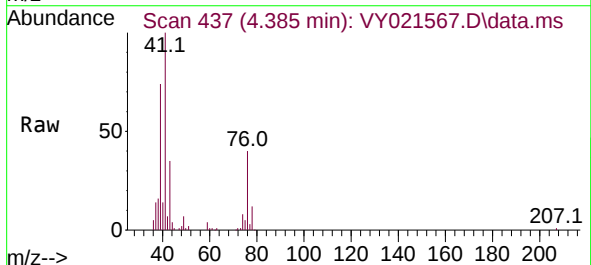
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

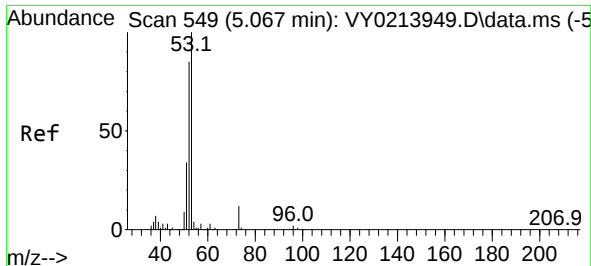
Tgt Ion: 56 Resp: 12325
Ion Ratio Lower Upper
56 100
55 73.0 63.4 95.2



#14
Allyl chloride
Concen: 19.727 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 41 Resp: 69730
Ion Ratio Lower Upper
41 100
39 72.0 59.3 88.9
76 37.3 29.8 44.8

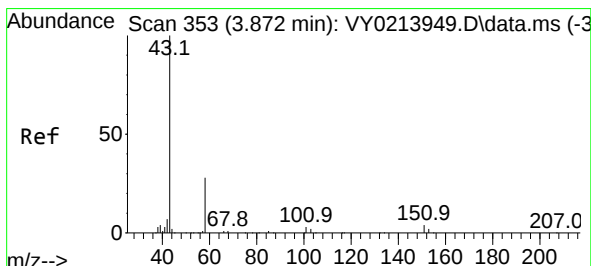
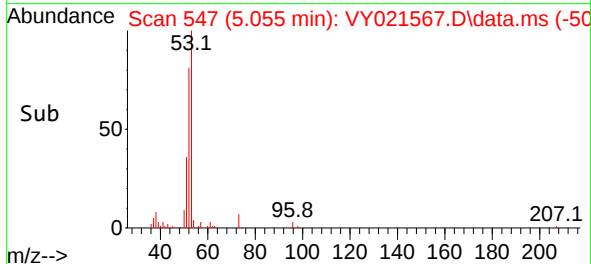
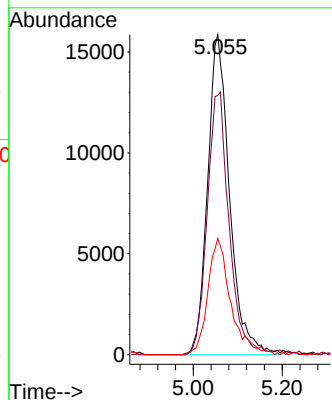
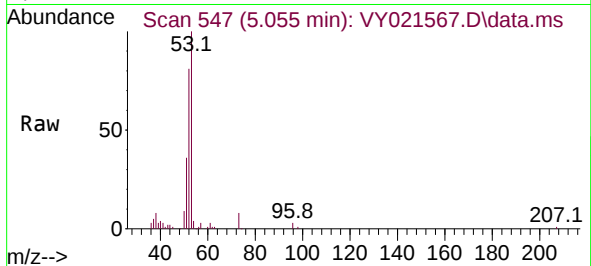




#15
Acrylonitrile
Concen: 109.961 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

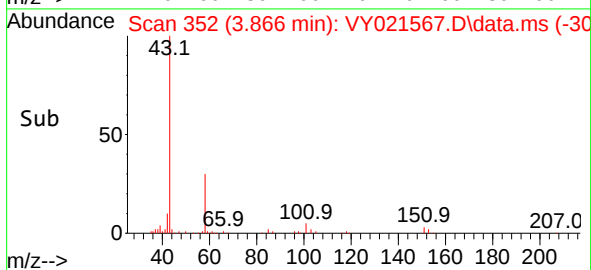
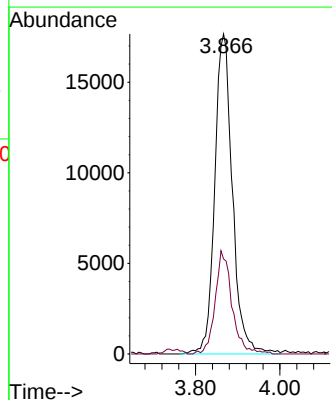
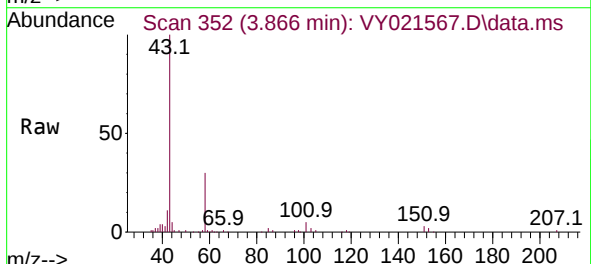
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

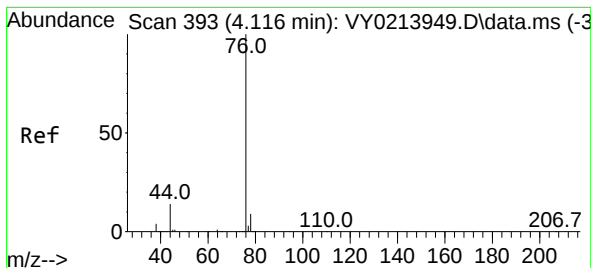
Tgt Ion:	53	Resp:	54509
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.3	99.5
51	37.7	30.3	45.5



#16
Acetone
Concen: 104.659 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:	43	Resp:	51373
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.1	33.1





#17

Carbon Disulfide

Concen: 17.106 ug/l

RT: 4.098 min Scan# 390

Delta R.T. -0.018 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

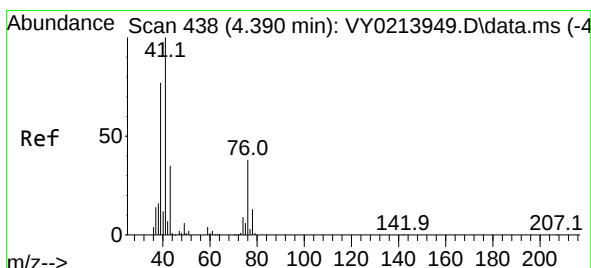
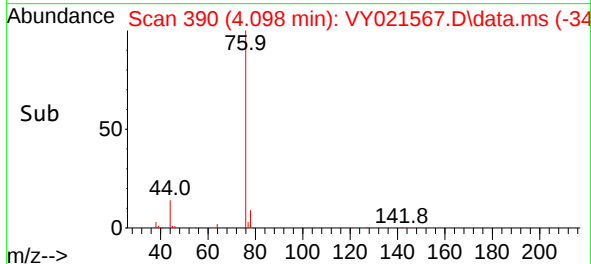
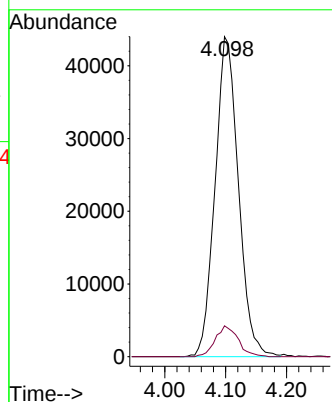
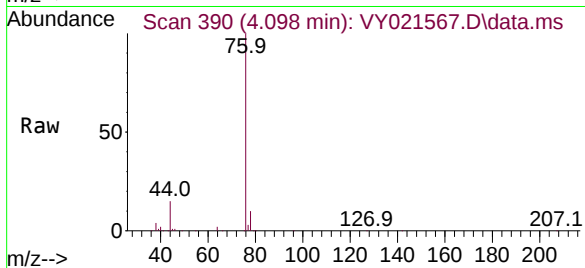
VY0319SBSD01

Tgt Ion: 76 Resp: 117256

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



#18

Methyl Acetate

Concen: 22.029 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY021567.D

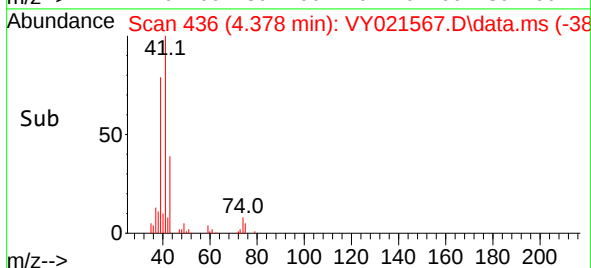
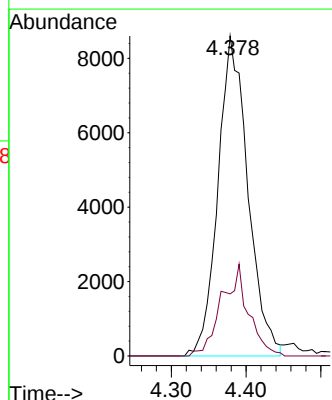
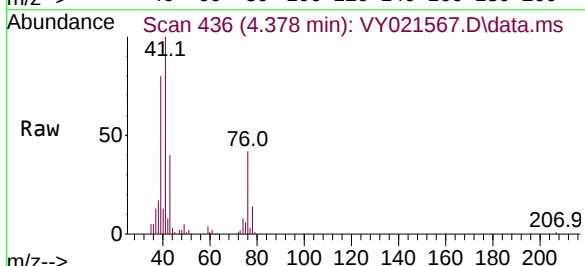
Acq: 19 Mar 2025 13:43

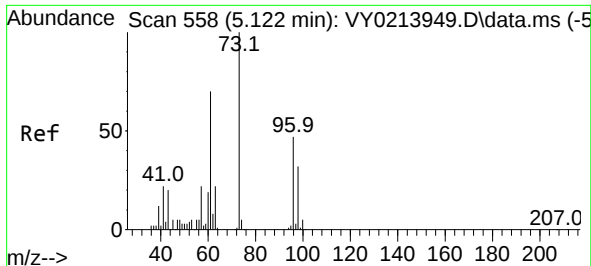
Tgt Ion: 43 Resp: 23992

Ion Ratio Lower Upper

43 100

74 25.8 19.4 29.0

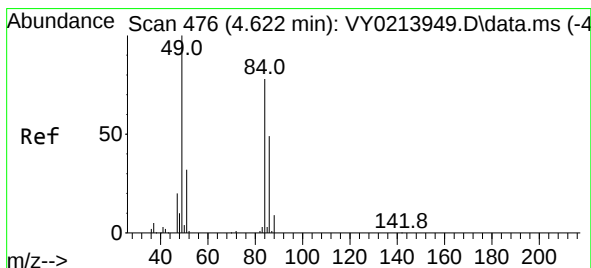
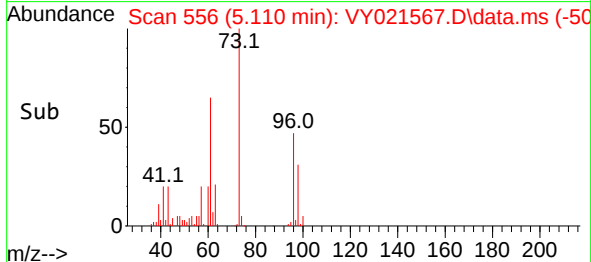
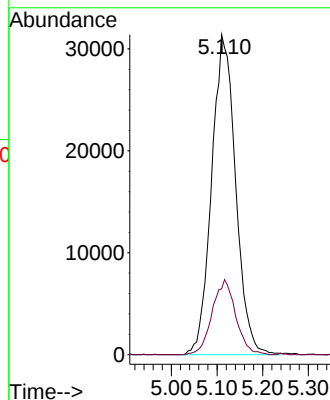
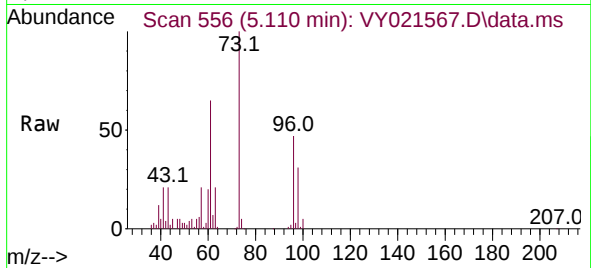




#19
Methyl tert-butyl Ether
Concen: 20.674 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

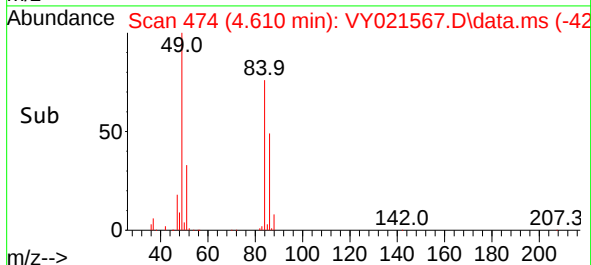
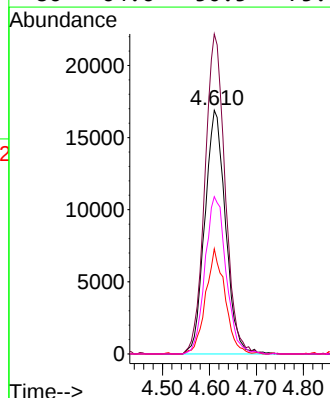
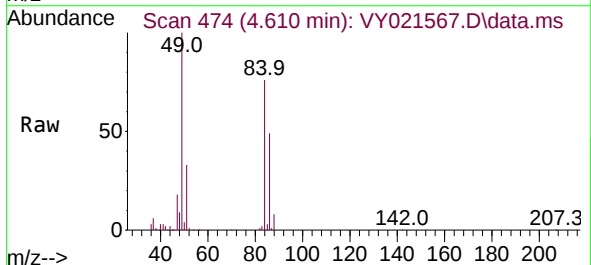
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tgt Ion: 73 Resp: 114611
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9



#20
Methylene Chloride
Concen: 20.068 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 84 Resp: 51707
Ion Ratio Lower Upper
84 100
49 131.4 102.0 153.0
51 43.1 33.0 49.6
86 64.6 50.5 75.7

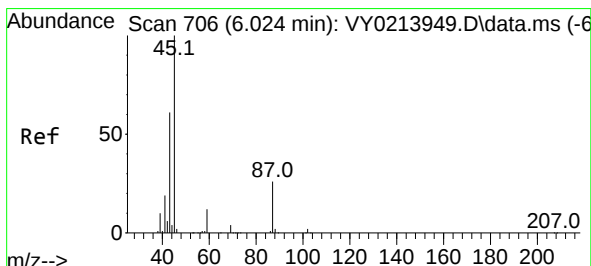
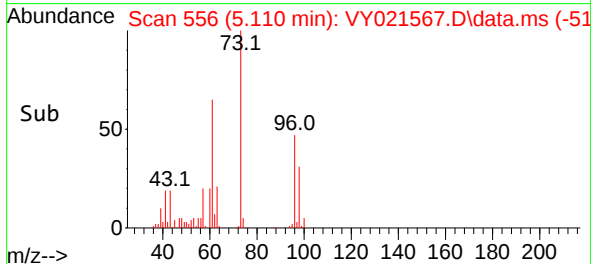
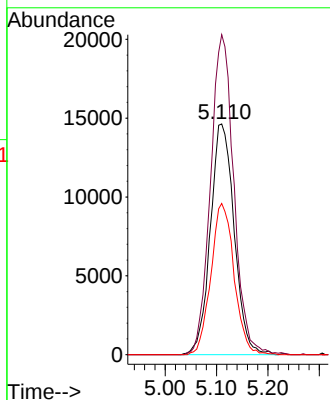
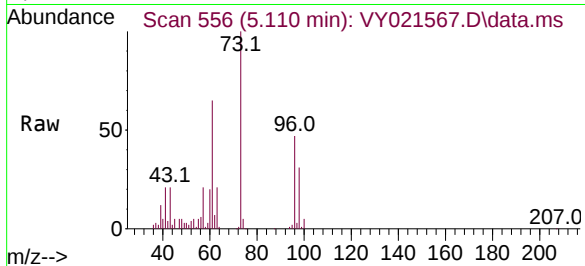




#21
trans-1,2-Dichloroethene
Concen: 19.252 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

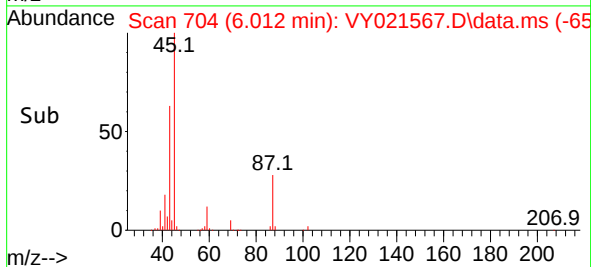
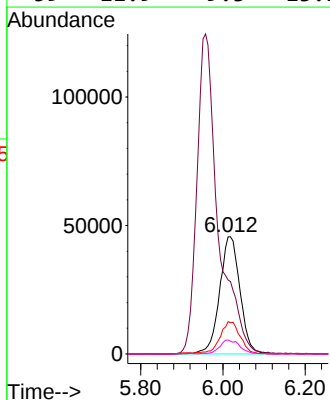
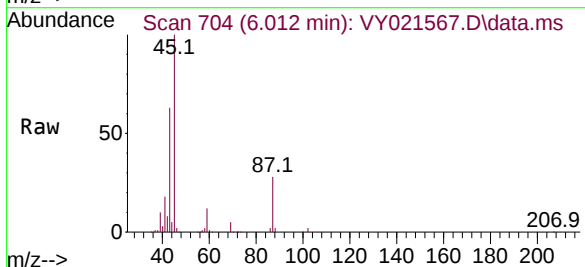
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

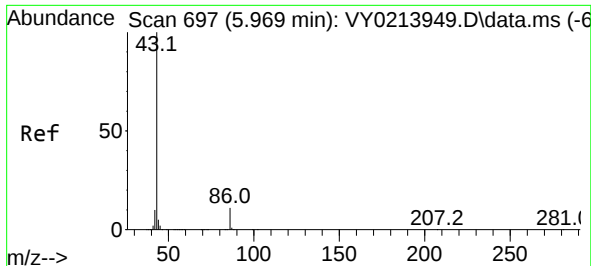
Tgt Ion: 96 Resp: 47158
Ion Ratio Lower Upper
96 100
61 138.7 111.5 167.3
98 65.6 53.8 80.8



#22
Diisopropyl ether
Concen: 20.620 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 45 Resp: 157072
Ion Ratio Lower Upper
45 100
43 62.4 48.7 73.1
87 27.6 21.5 32.3
59 11.9 9.3 13.9

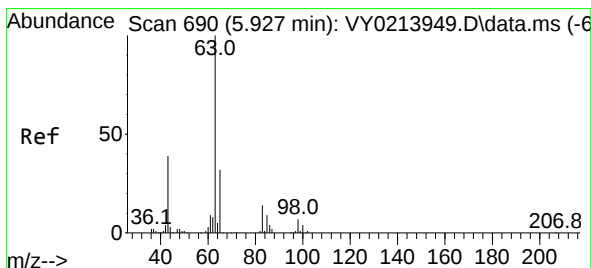
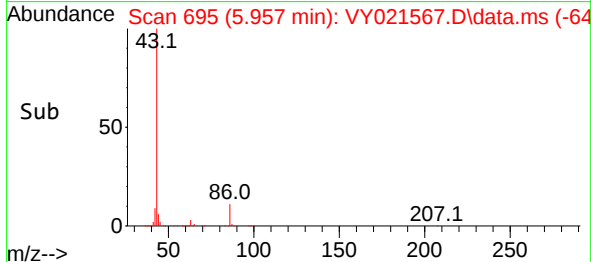
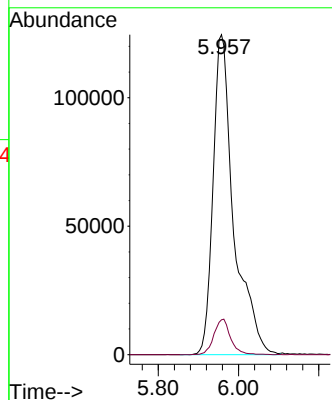
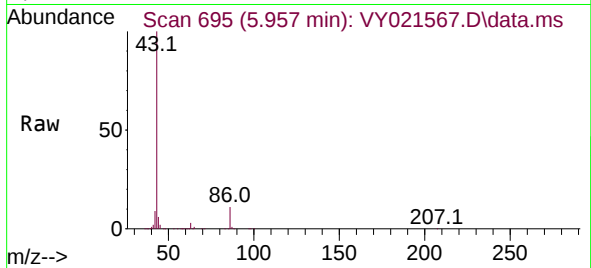




#23
 Vinyl Acetate
 Concen: 102.634 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

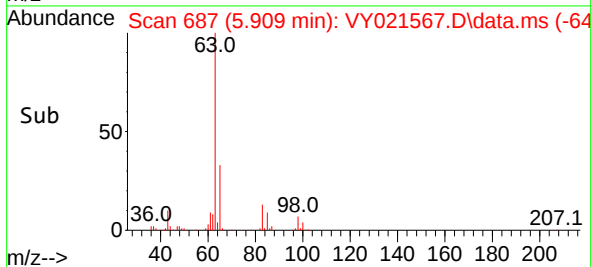
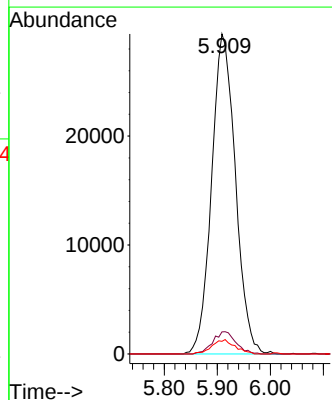
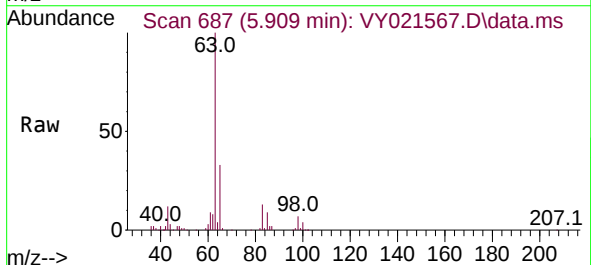
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

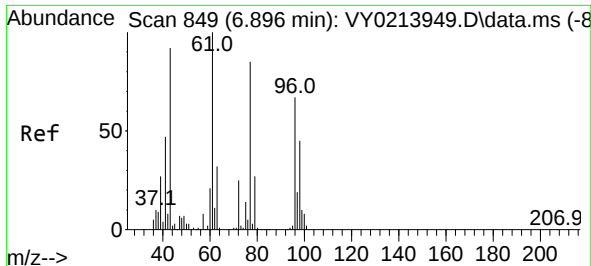
Tgt Ion: 43 Resp: 446192
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.406 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 63 Resp: 91741
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 3.9 2.1 6.5

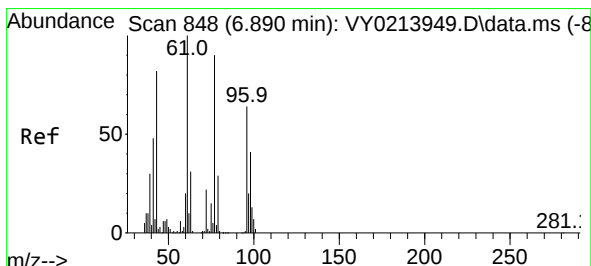
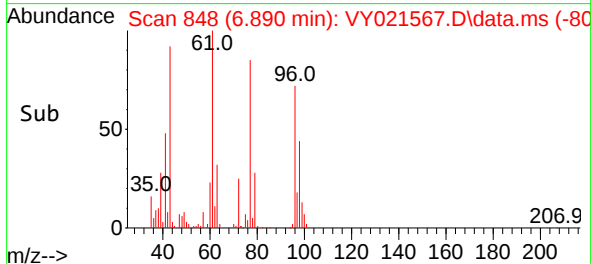
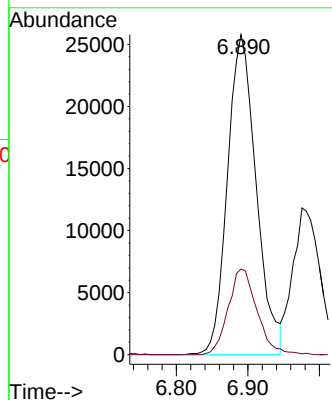
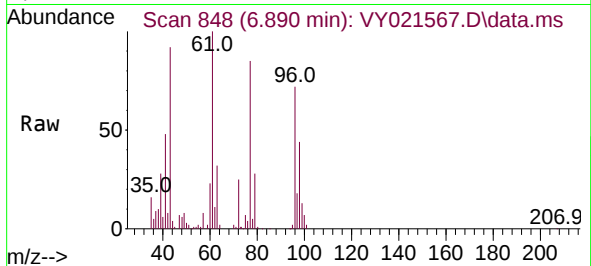




#25
2-Butanone
Concen: 105.803 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

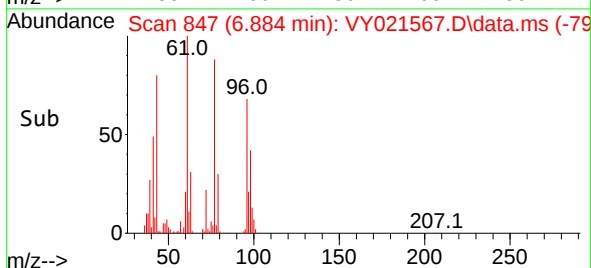
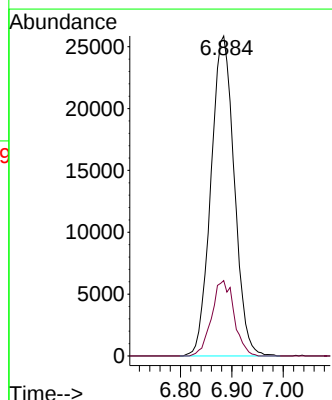
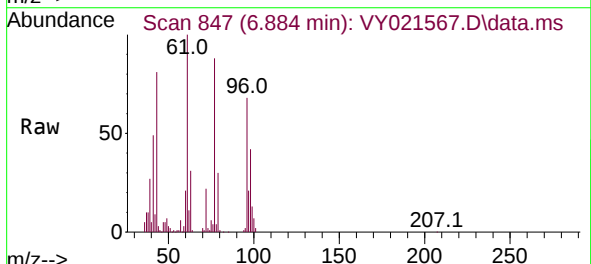
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

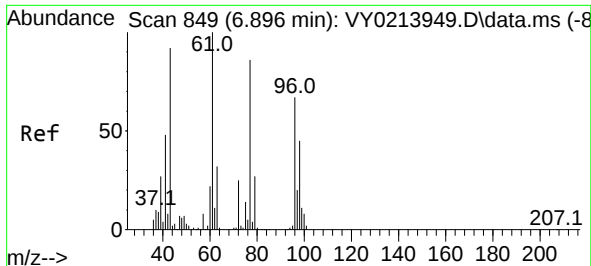
Tgt Ion: 43 Resp: 71841
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 19.711 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 77 Resp: 81541
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8

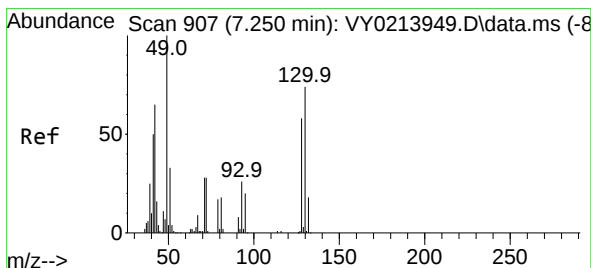
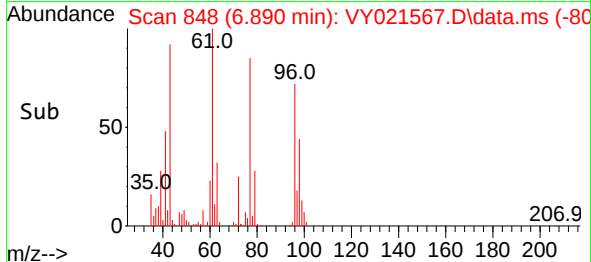
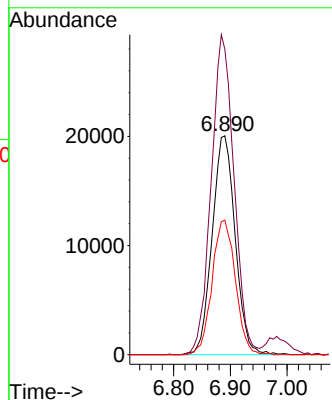
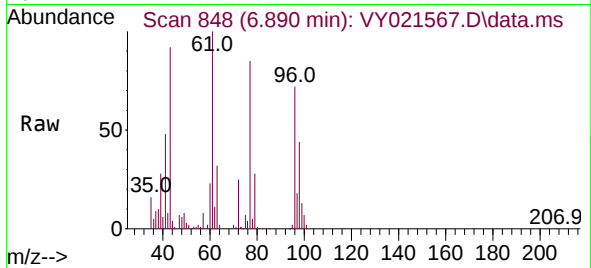




#27
 cis-1,2-Dichloroethene
 Concen: 20.359 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

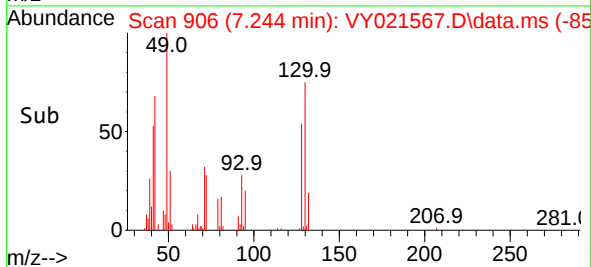
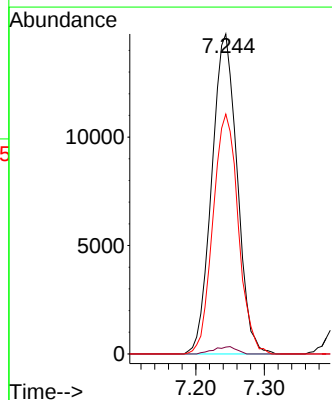
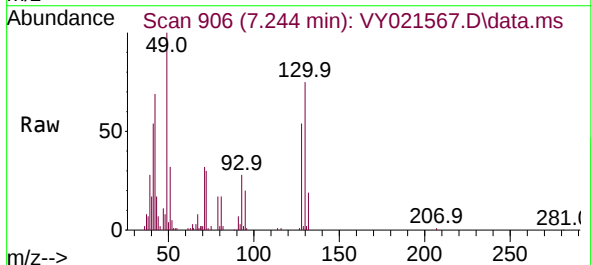
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBSD01

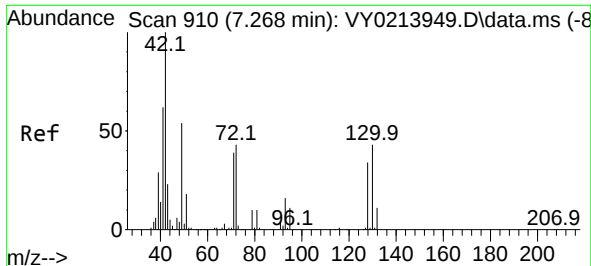
Tgt Ion: 96 Resp: 56654
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 300.8
 98 62.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.154 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 49 Resp: 37987
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 74.6 59.6 89.4





#29

Tetrahydrofuran

Concen: 108.560 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBSD01

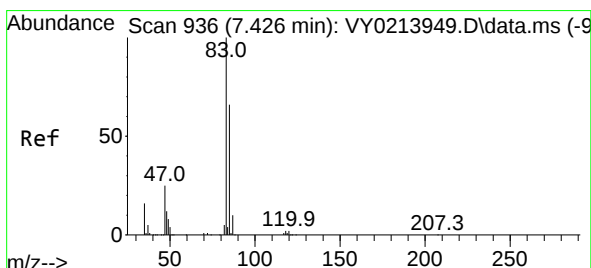
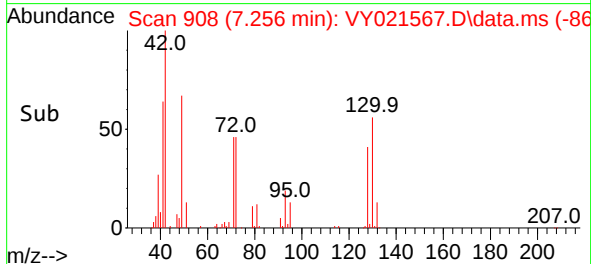
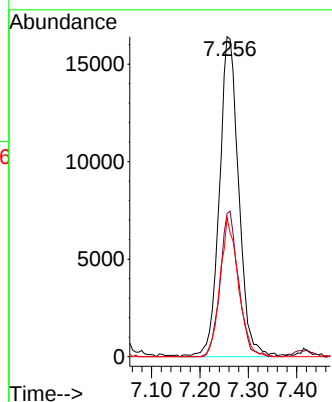
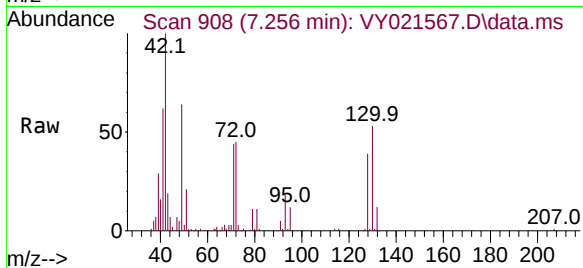
Tgt Ion: 42 Resp: 45507

Ion Ratio Lower Upper

42 100

72 43.0 34.8 52.2

71 40.9 32.6 48.8



#30

Chloroform

Concen: 20.579 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021567.D

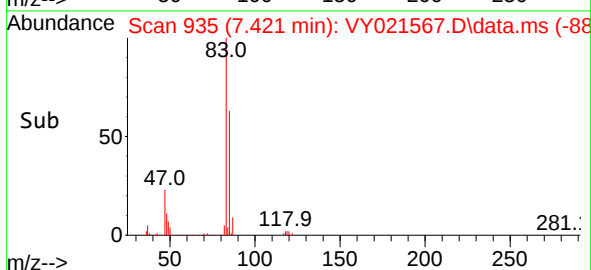
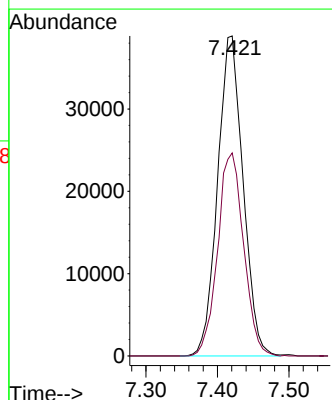
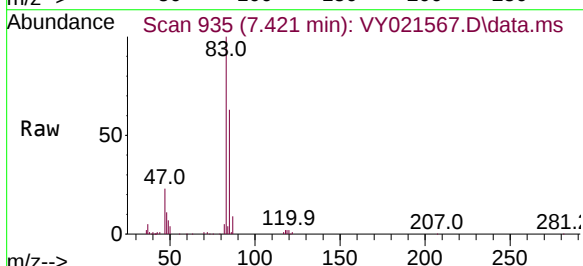
Acq: 19 Mar 2025 13:43

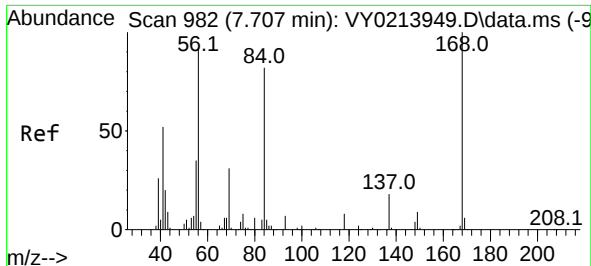
Tgt Ion: 83 Resp: 96072

Ion Ratio Lower Upper

83 100

85 63.4 53.1 79.7





#31

Cyclohexane

Concen: 17.970 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

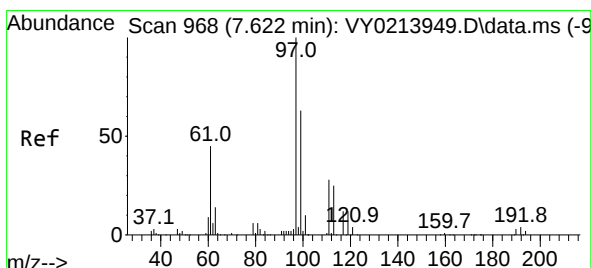
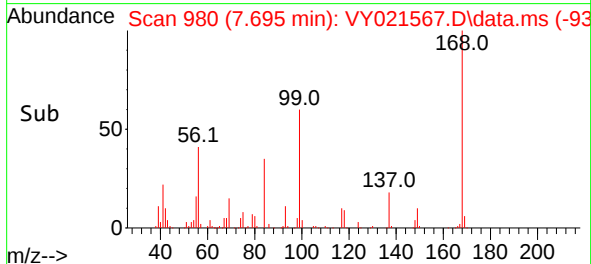
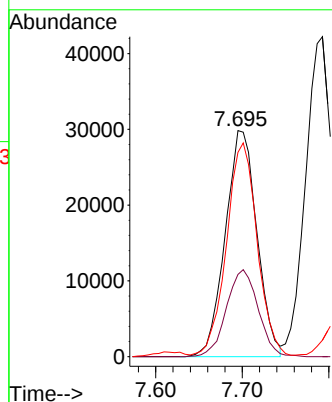
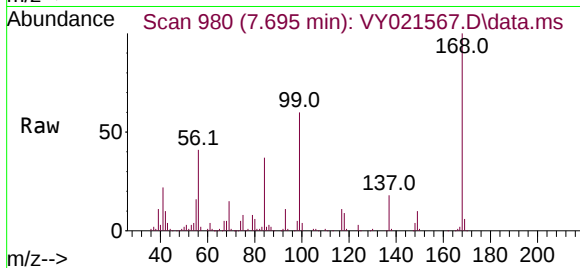
Tgt Ion: 56 Resp: 75743

Ion Ratio Lower Upper

56 100

69 36.4 27.0 40.4

84 88.4 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 20.156 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

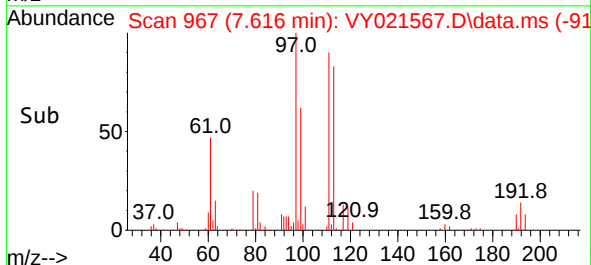
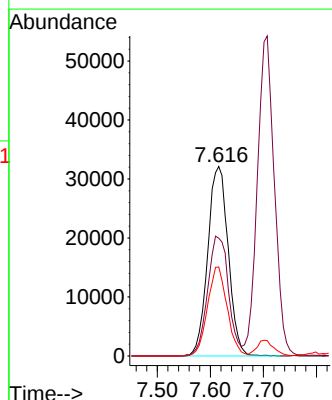
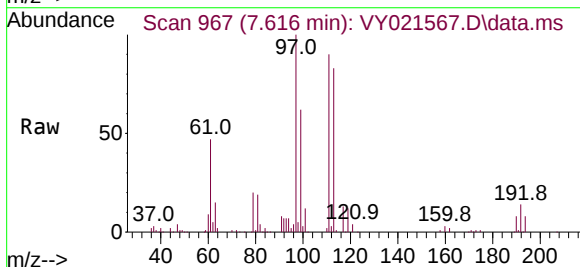
Tgt Ion: 97 Resp: 86158

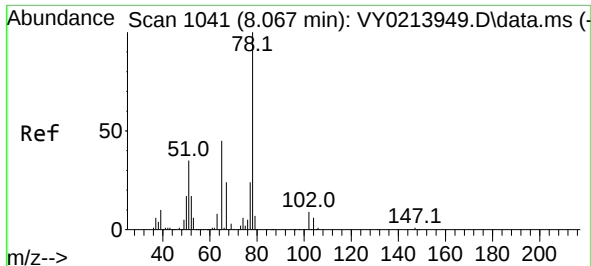
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.239 ug/l

RT: 8.061 min Scan# 115315

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

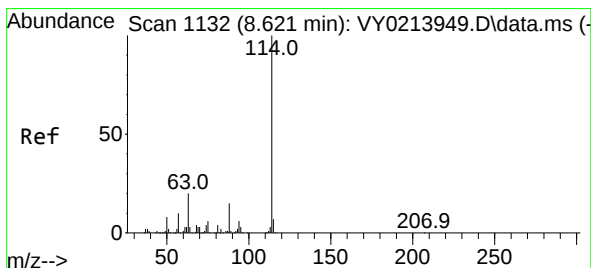
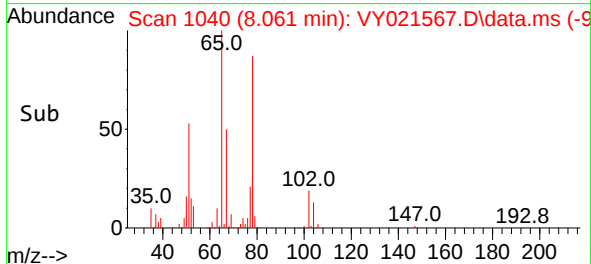
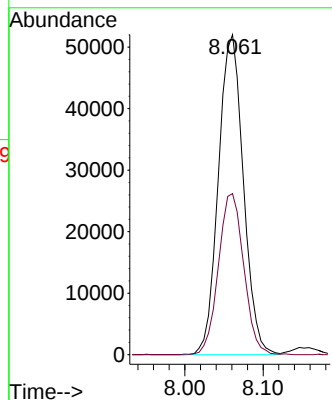
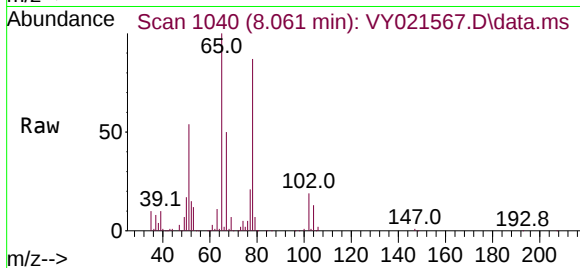
VY0319SBSD01

Tgt Ion: 65 Resp: 115315

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

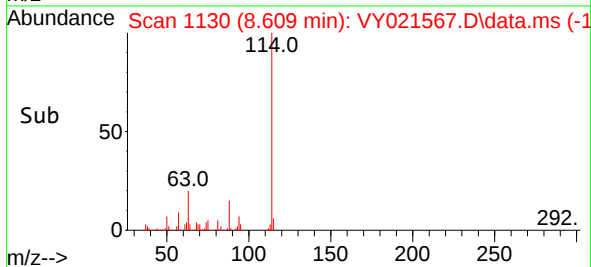
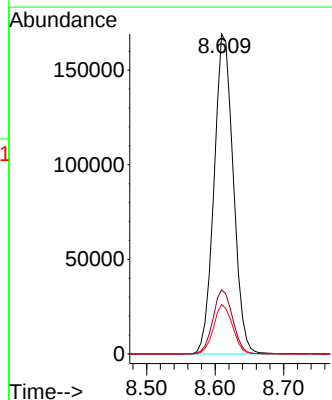
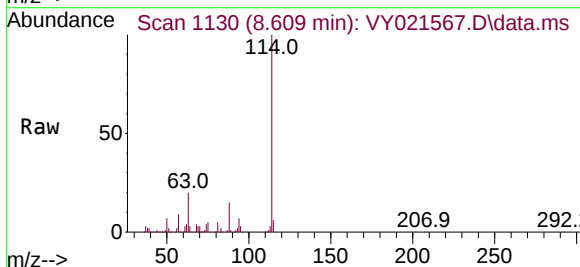
Tgt Ion:114 Resp: 329919

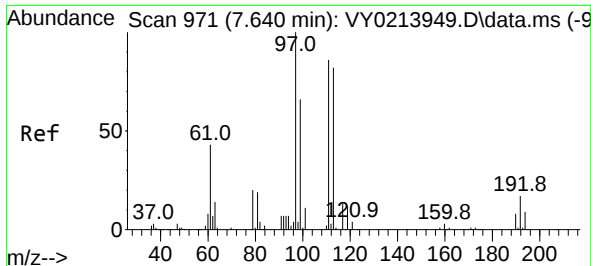
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.5 0.0 30.8

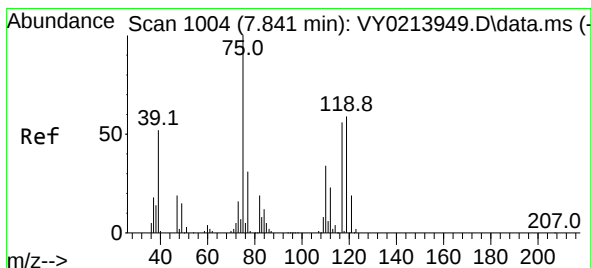
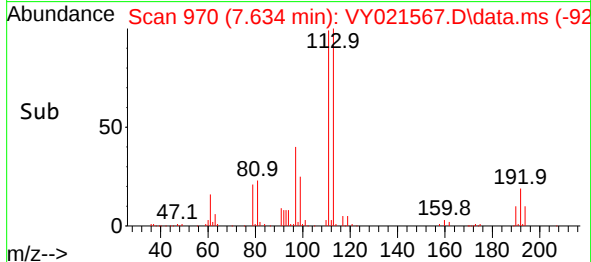
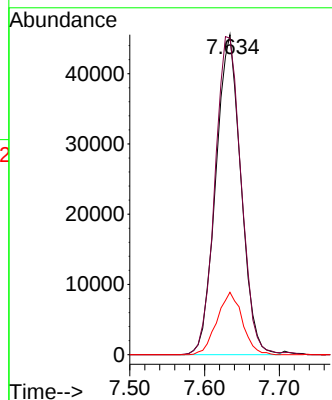
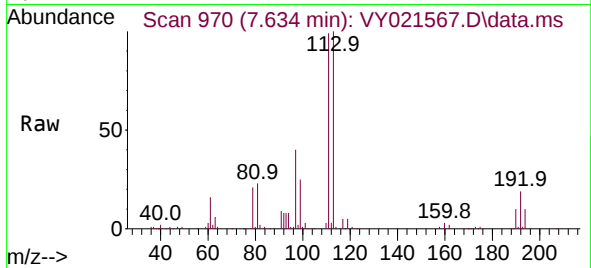




#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

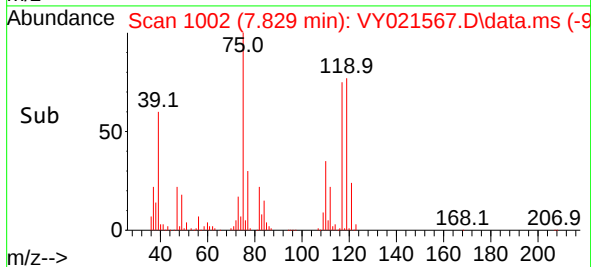
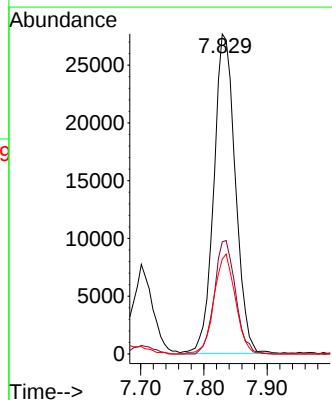
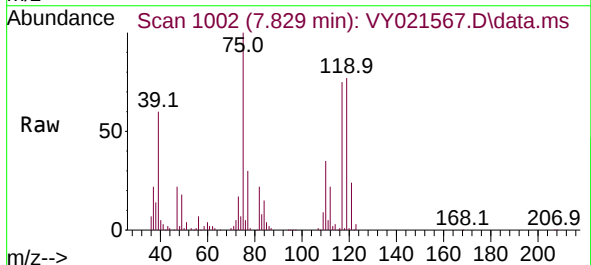
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

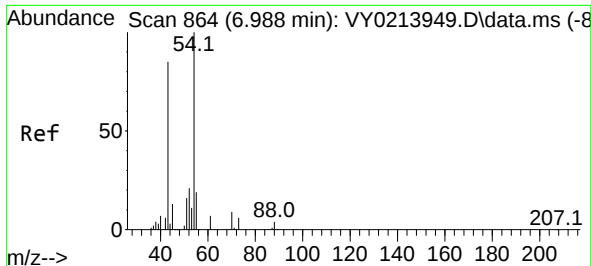
Tgt Ion:113 Resp: 106640
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.281 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 75 Resp: 65450
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.7
77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 21.422 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

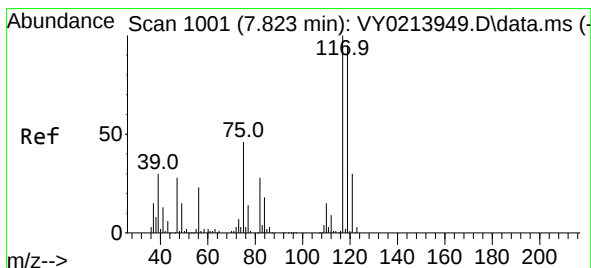
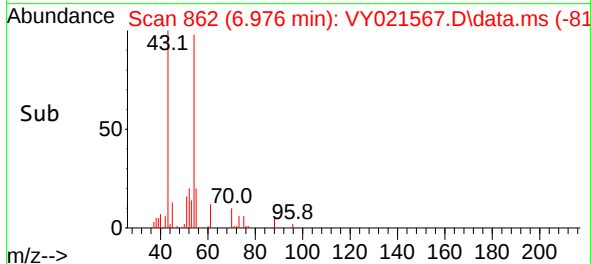
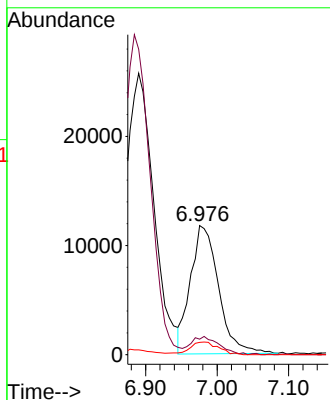
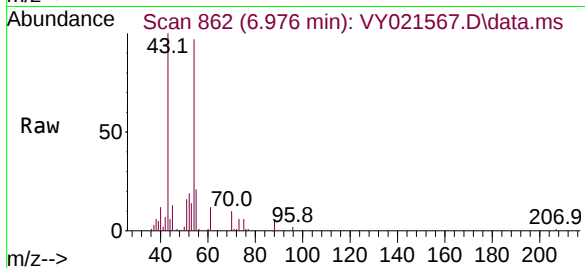
Tgt Ion: 43 Resp: 32140

Ion Ratio Lower Upper

43 100

61 14.1 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.742 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

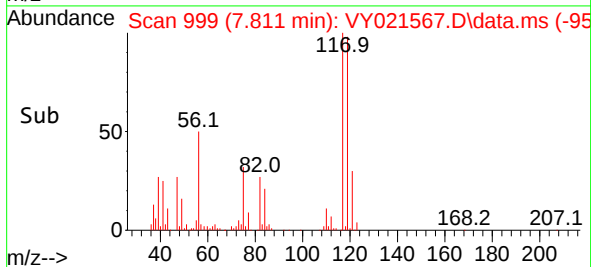
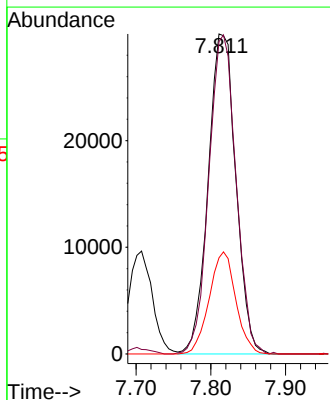
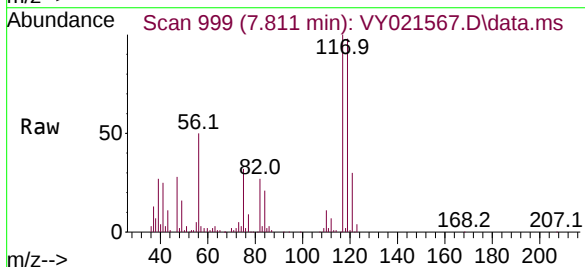
Tgt Ion: 117 Resp: 77073

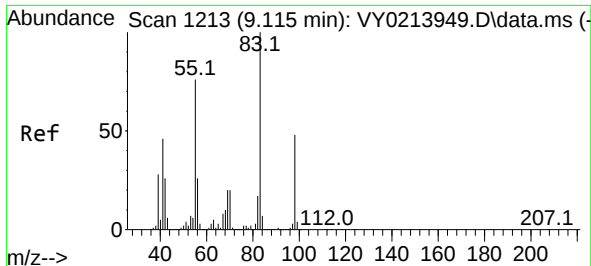
Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

121 30.0 23.9 35.9

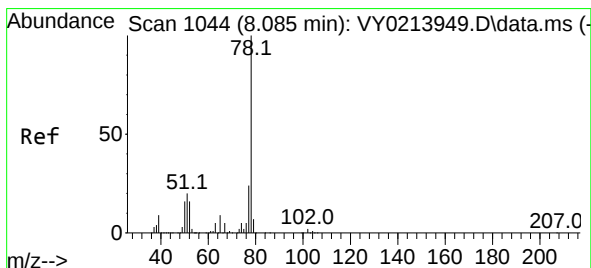
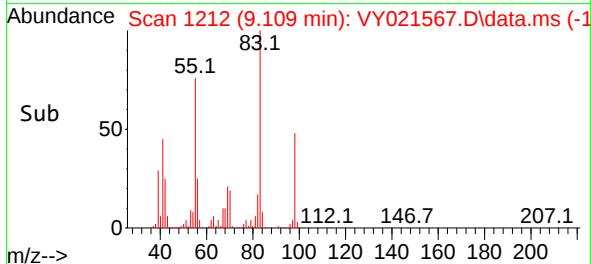
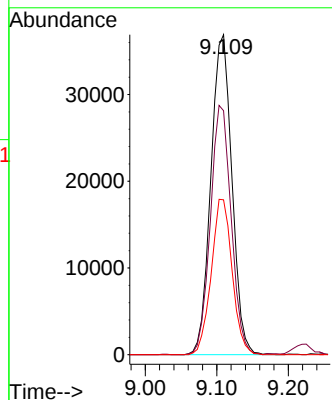
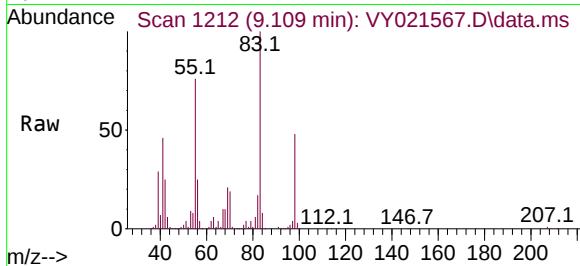




#39
Methylcyclohexane
Concen: 18.104 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

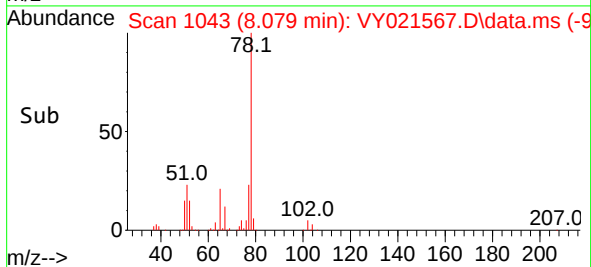
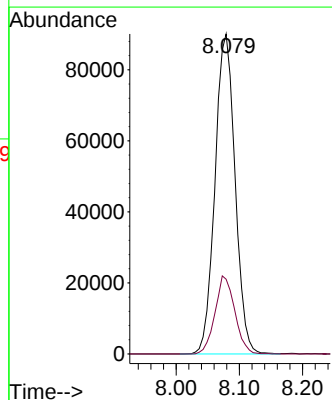
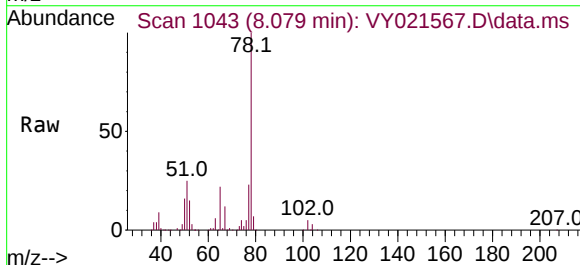
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

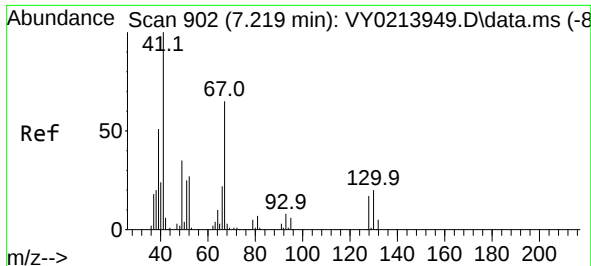
Tgt Ion: 83 Resp: 75382
Ion Ratio Lower Upper
83 100
55 76.3 60.7 91.1
98 48.4 38.6 57.8



#40
Benzene
Concen: 19.808 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 78 Resp: 198071
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

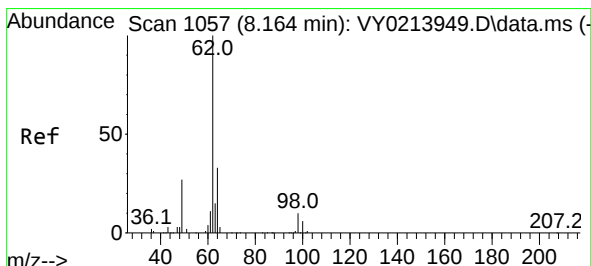
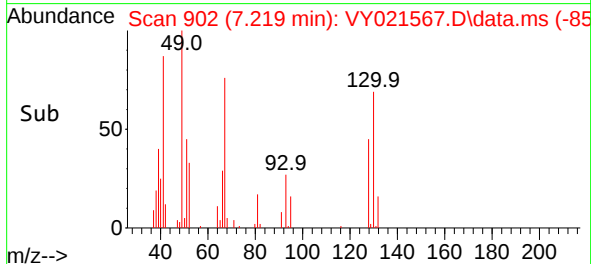
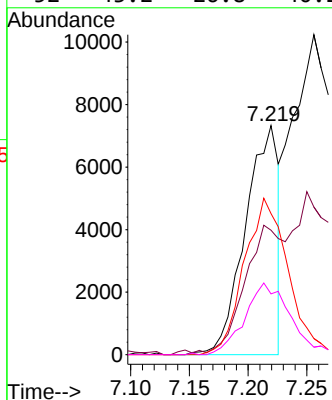
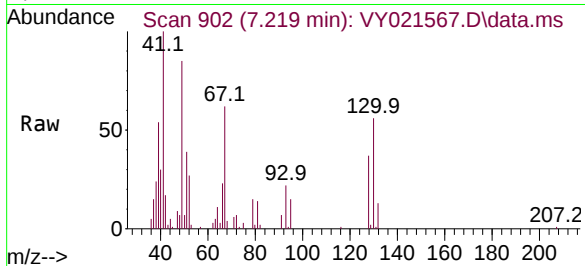




#41
Methacrylonitrile
Concen: 17.695 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

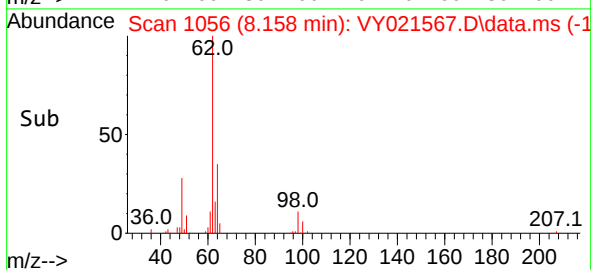
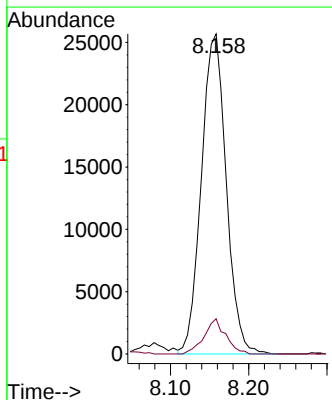
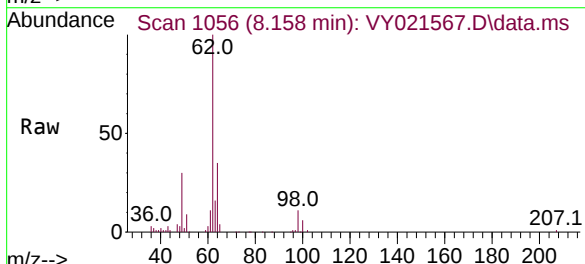
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

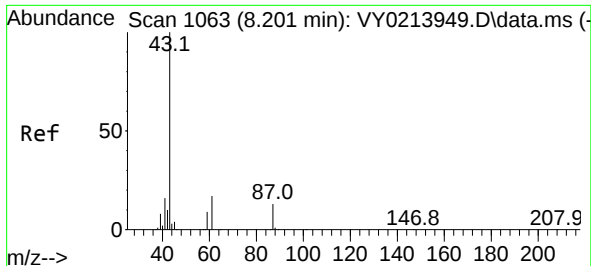
Tgt Ion: 41 Resp: 14456
Ion Ratio Lower Upper
41 100
39 65.1 35.0 52.6#
67 90.7 61.2 91.8
52 43.2 26.8 40.2#



#42
1,2-Dichloroethane
Concen: 20.261 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 62 Resp: 56678
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.2

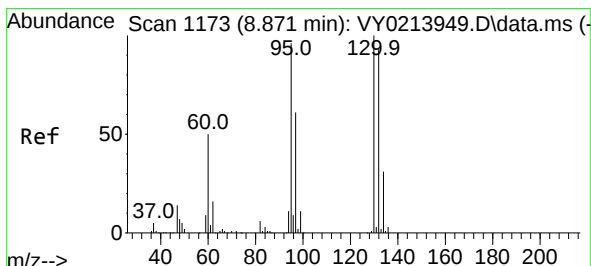
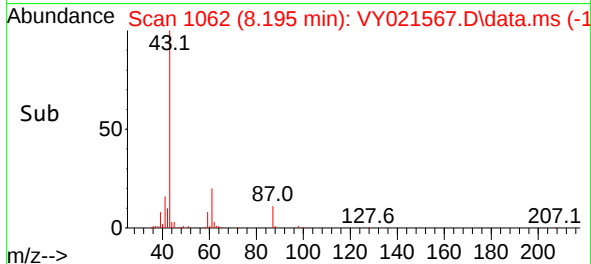
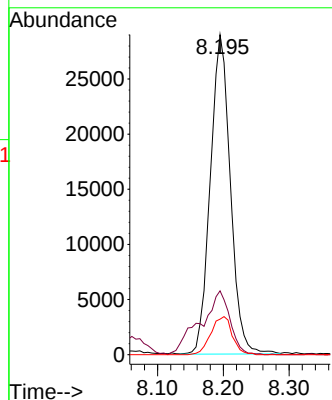
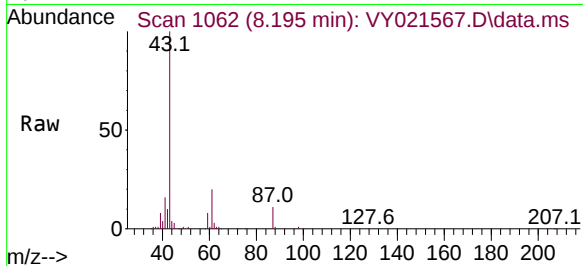




#43
Isopropyl Acetate
Concen: 21.154 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

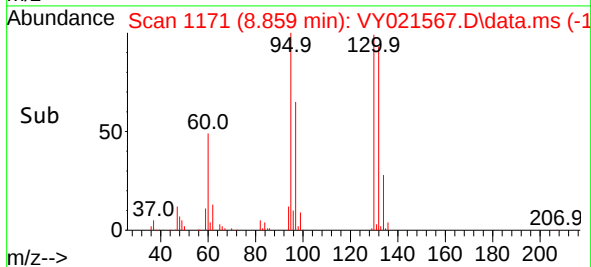
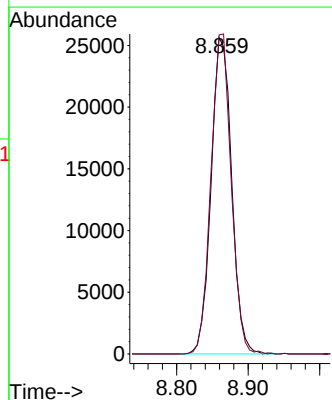
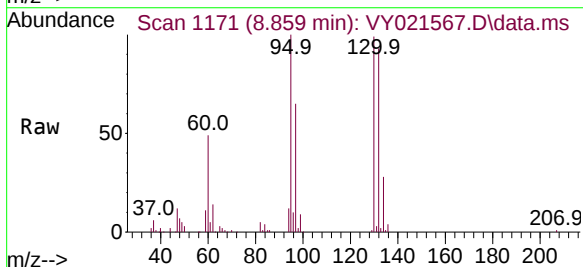
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

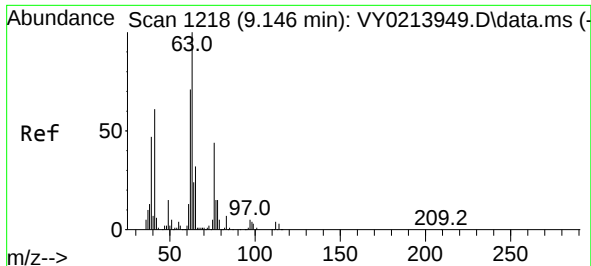
Tgt Ion: 43 Resp: 61613
Ion Ratio Lower Upper
43 100
61 29.3 23.4 35.0
87 12.7 10.5 15.7



#44
Trichloroethene
Concen: 20.229 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:130 Resp: 51116
Ion Ratio Lower Upper
130 100
95 100.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.827 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

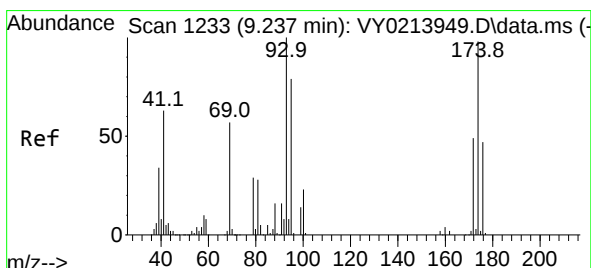
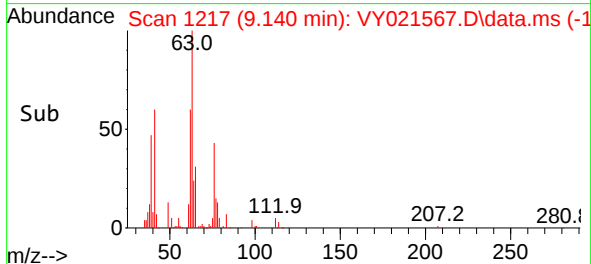
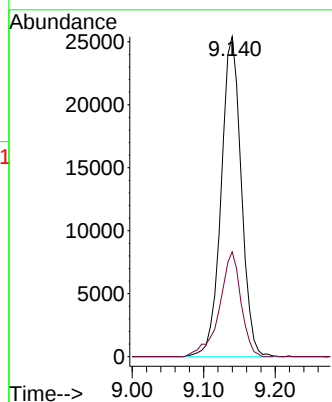
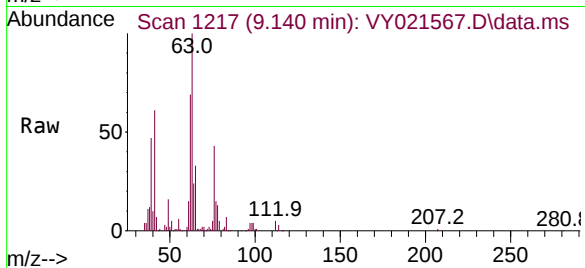
VY0319SBS01

Tgt Ion: 63 Resp: 49566

Ion Ratio Lower Upper

63 100

65 32.8 26.0 39.0



#46

Dibromomethane

Concen: 21.033 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

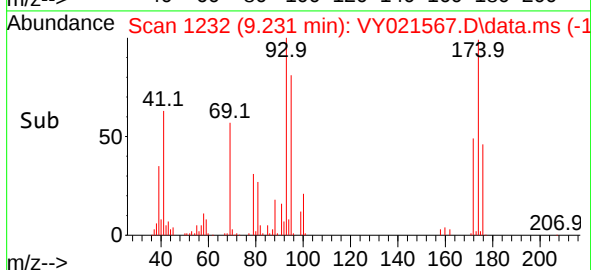
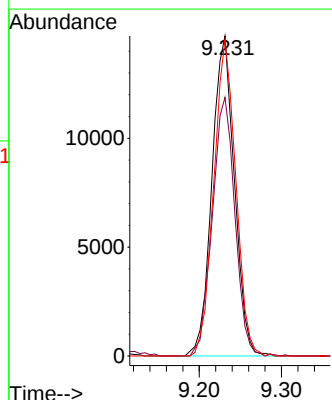
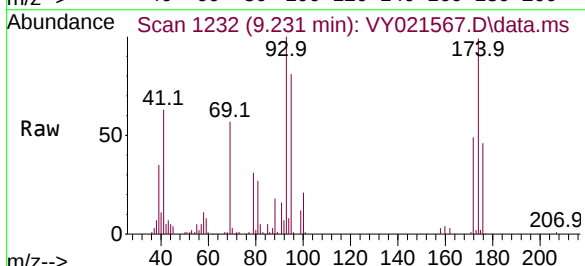
Tgt Ion: 93 Resp: 27852

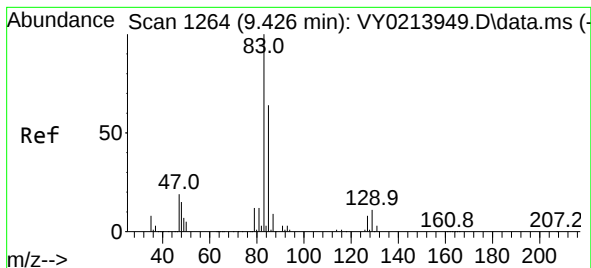
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.8

174 97.0 77.9 116.9





#47

Bromodichloromethane

Concen: 21.049 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

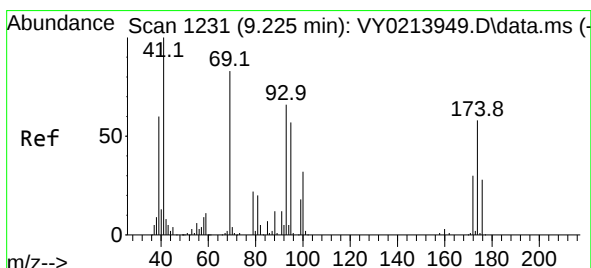
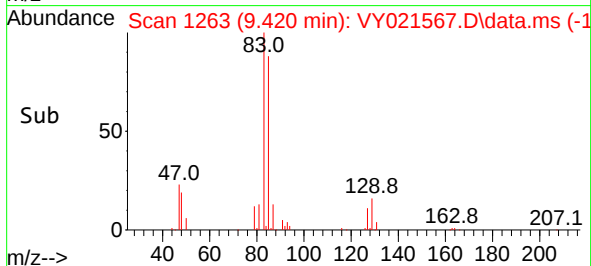
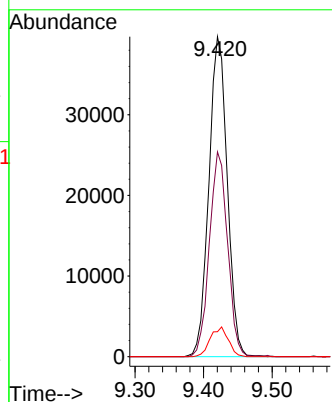
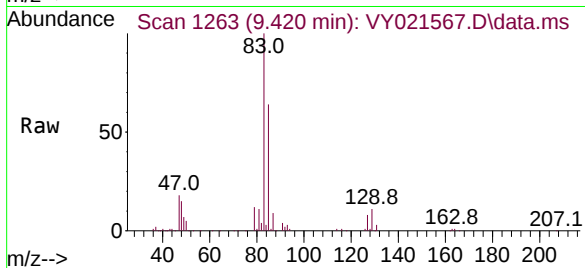
Tgt Ion: 83 Resp: 74022

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

127 7.8 6.7 10.1



#48

Methyl methacrylate

Concen: 20.364 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

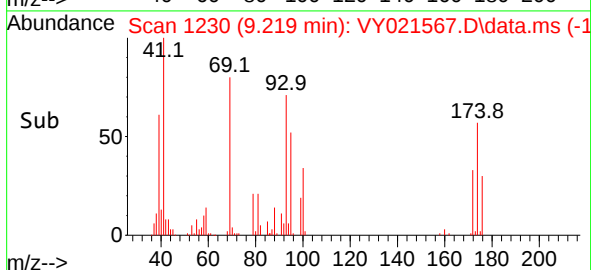
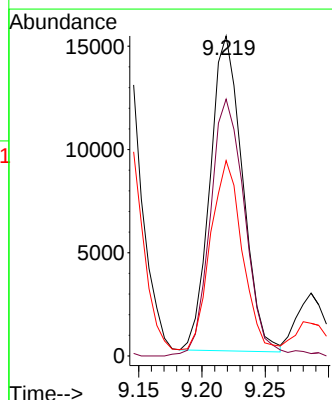
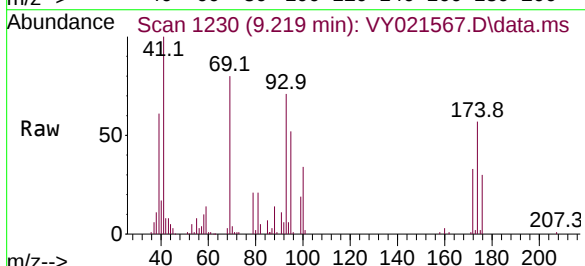
Tgt Ion: 41 Resp: 27236

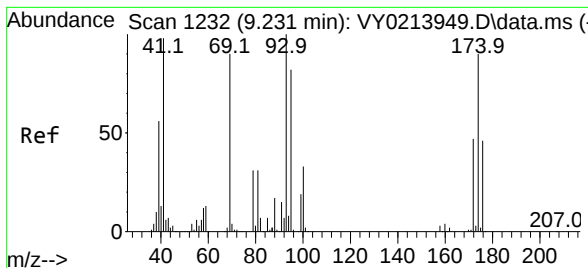
Ion Ratio Lower Upper

41 100

69 87.3 67.8 101.8

39 59.1 46.4 69.6





#49

1,4-Dioxane

Concen: 503.405 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBSD01

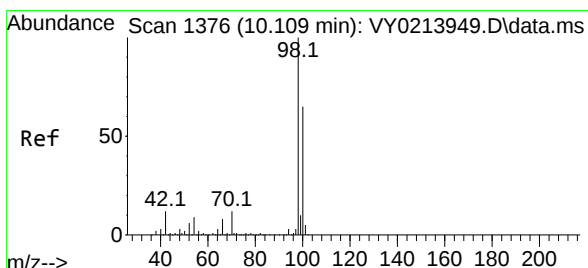
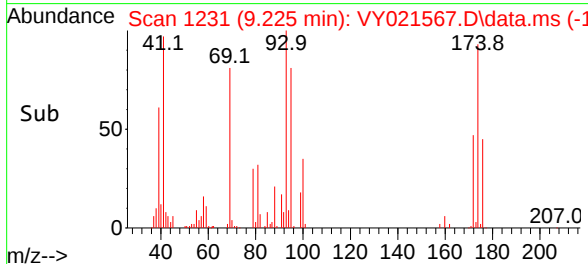
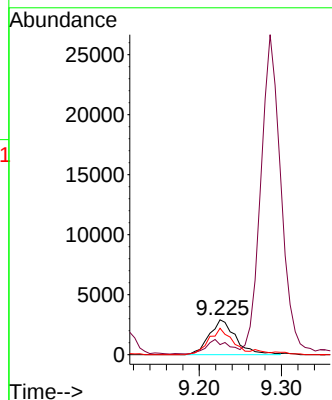
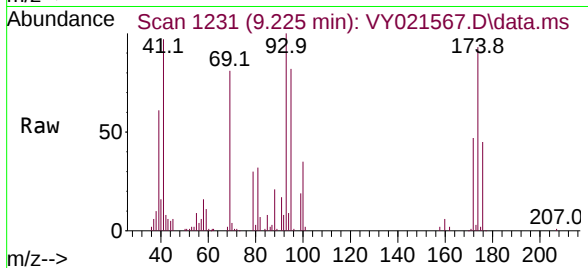
Tgt Ion: 88 Resp: 6543

Ion Ratio Lower Upper

88 100

43 34.5 25.0 37.4

58 66.8 58.4 87.6



#50

Toluene-d8

Concen: 48.948 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021567.D

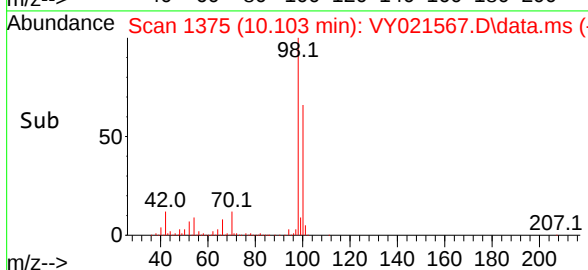
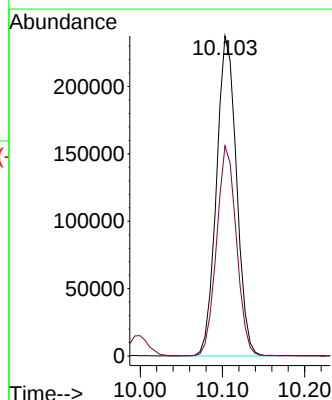
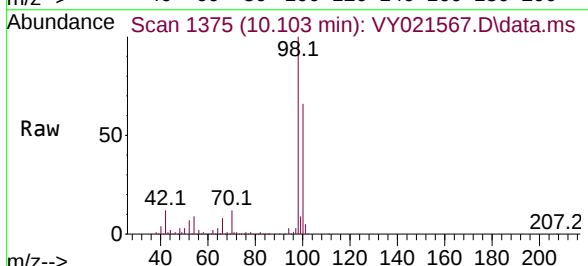
Acq: 19 Mar 2025 13:43

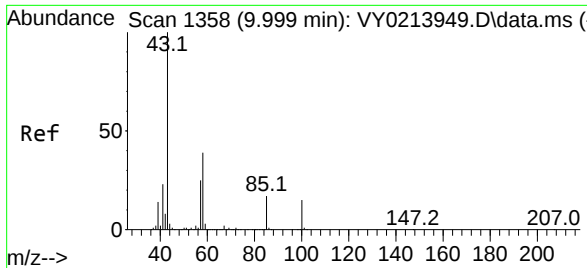
Tgt Ion: 98 Resp: 401912

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

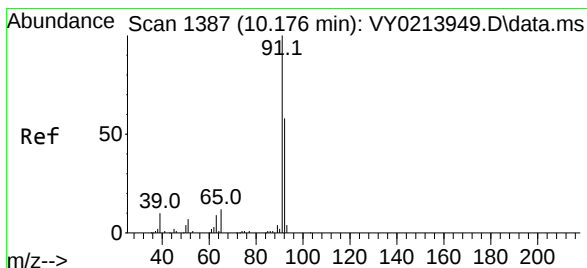
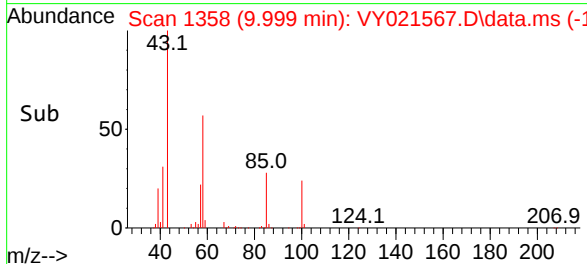
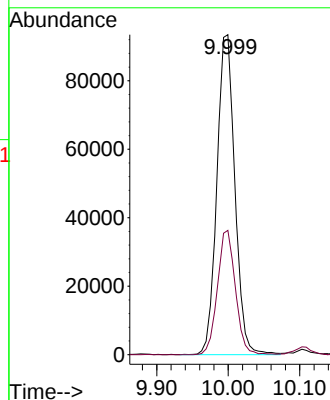
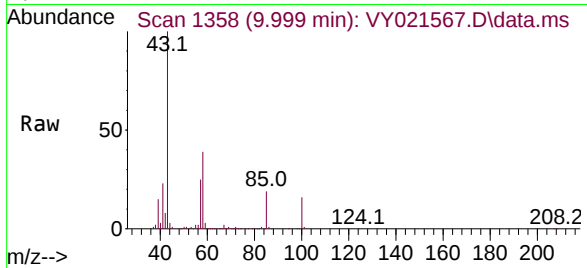




#51
4-Methyl-2-Pentanone
Concen: 108.923 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

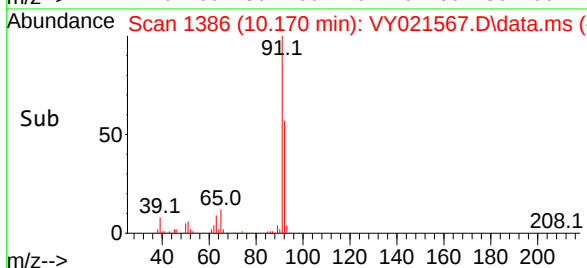
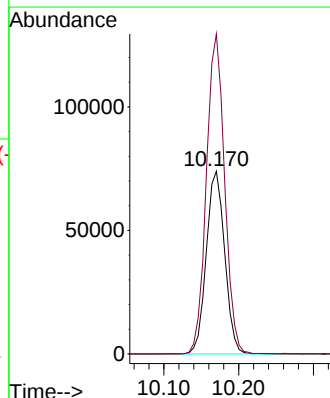
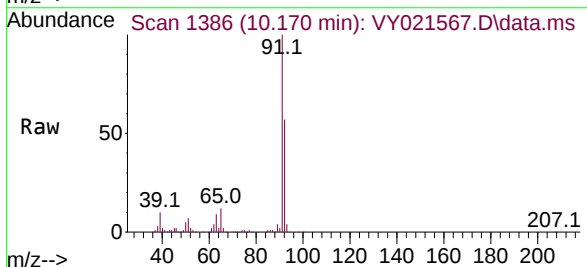
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

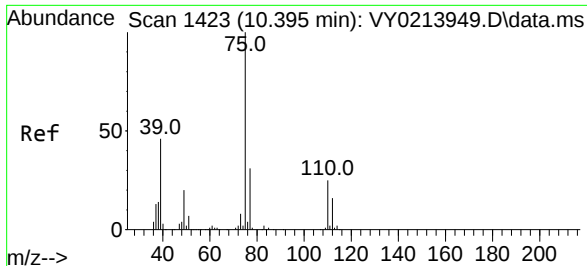
Tgt Ion: 43 Resp: 163688
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2



#52
Toluene
Concen: 20.039 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 92 Resp: 126332
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2

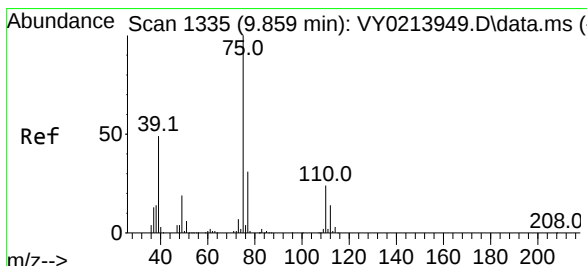
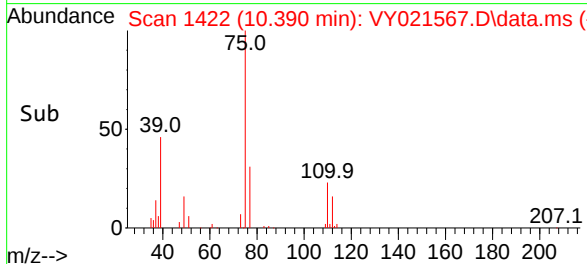
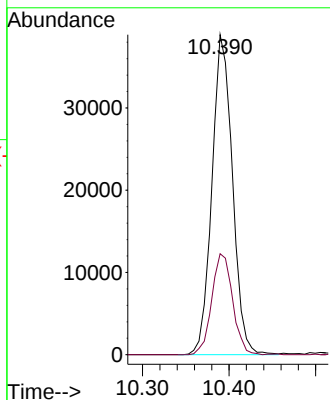
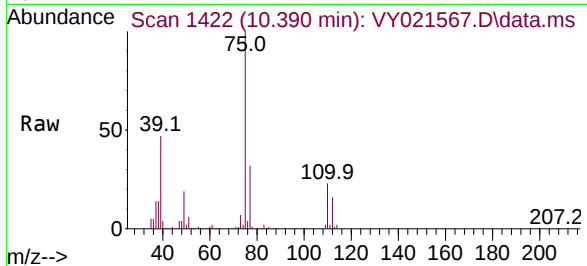




#53
 t-1,3-Dichloropropene
 Concen: 20.631 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

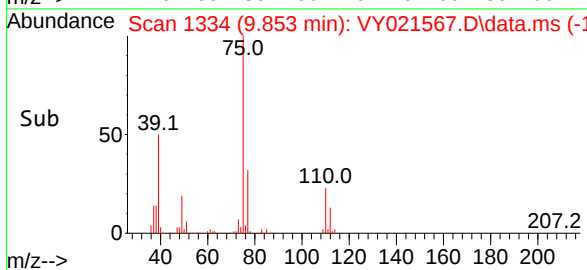
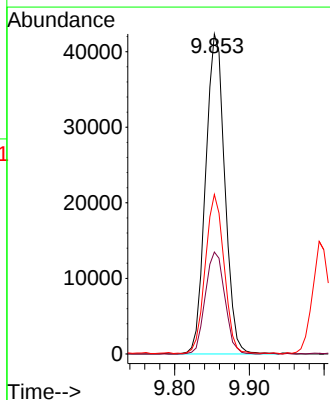
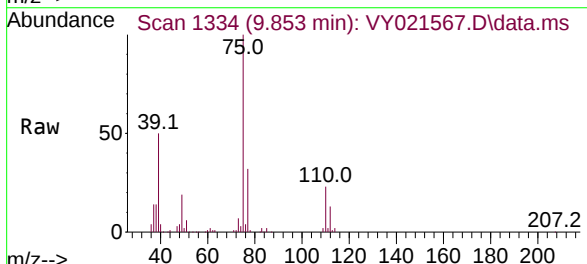
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

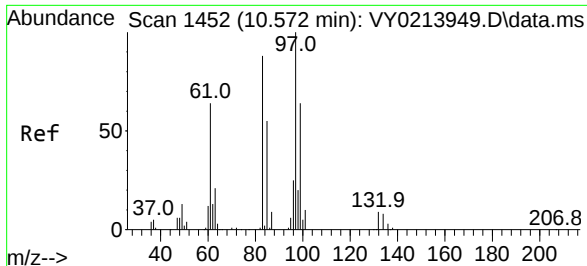
Tgt Ion: 75 Resp: 63920
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.519 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 75 Resp: 75477
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0
 39 49.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 21.487 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

Tgt Ion: 97 Resp: 37220

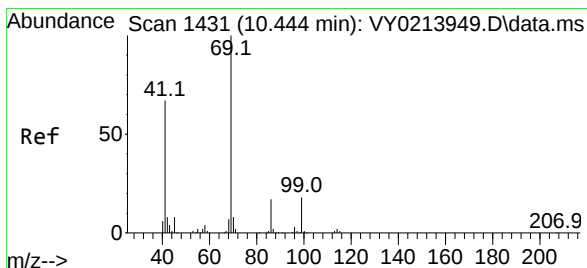
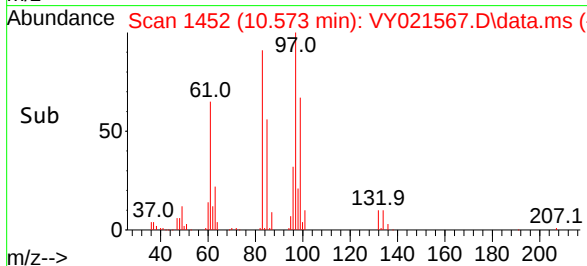
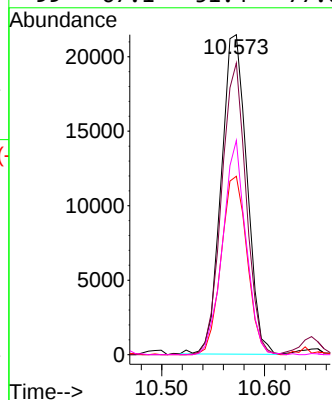
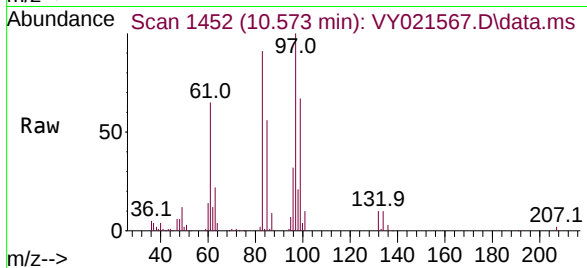
Ion Ratio Lower Upper

97 100

83 91.4 70.0 105.0

85 55.9 44.3 66.5

99 67.1 51.4 77.0



#56

Ethyl methacrylate

Concen: 20.746 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

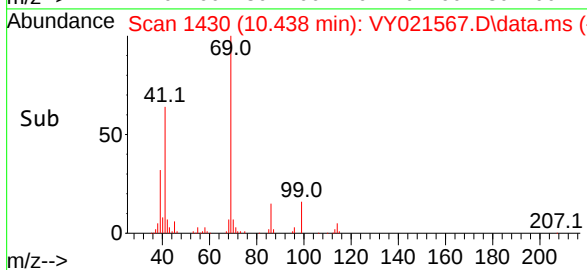
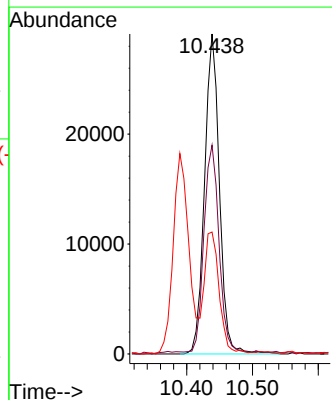
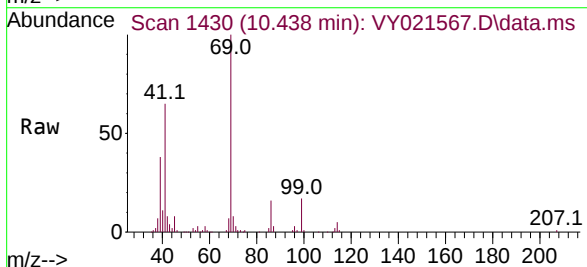
Tgt Ion: 69 Resp: 45831

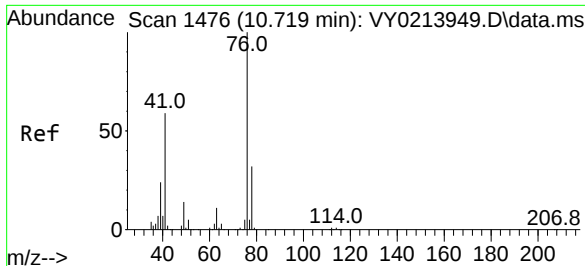
Ion Ratio Lower Upper

69 100

41 65.4 53.3 79.9

39 36.5 31.0 46.6





#57

1,3-Dichloropropane

Concen: 21.157 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

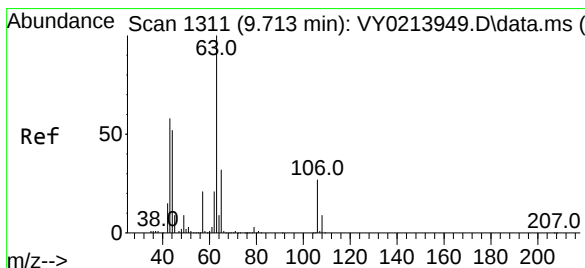
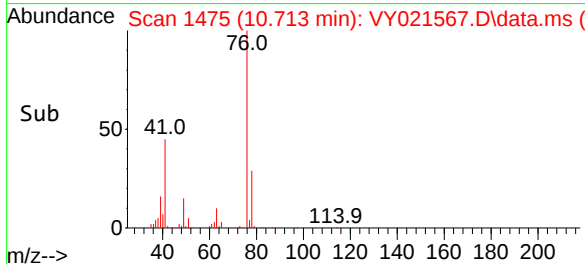
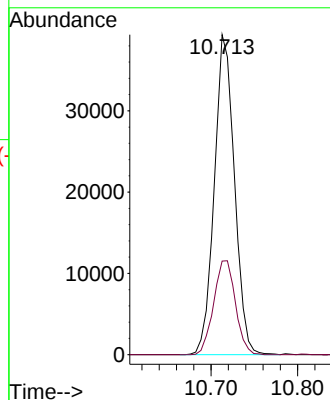
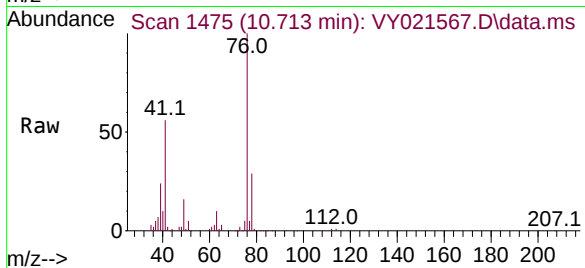
VY0319SBS01

Tgt Ion: 76 Resp: 63516

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 103.775 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021567.D

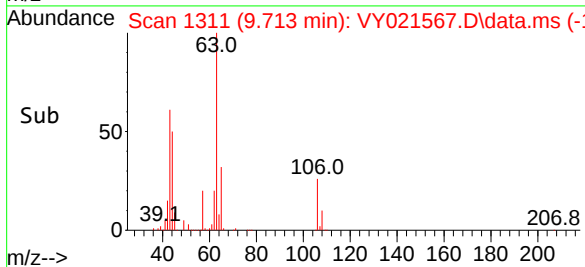
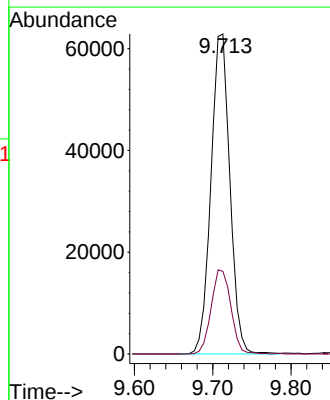
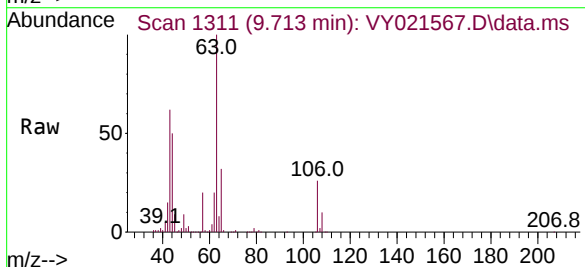
Acq: 19 Mar 2025 13:43

Tgt Ion: 63 Resp: 105830

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

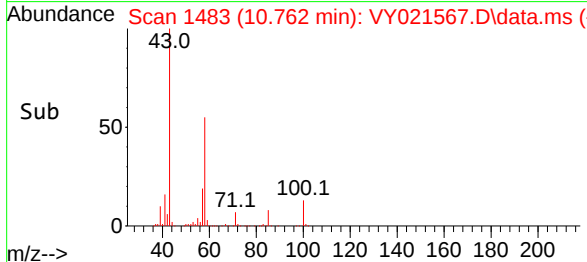
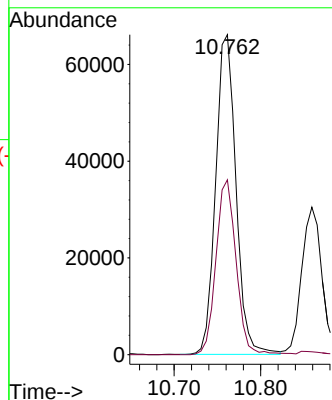
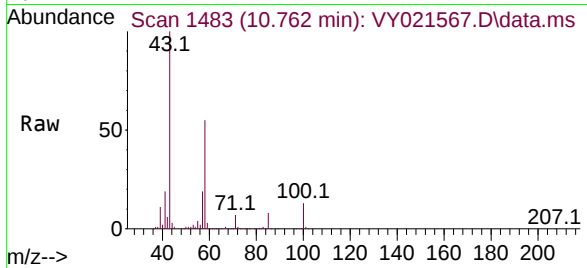




#59
2-Hexanone
Concen: 108.367 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

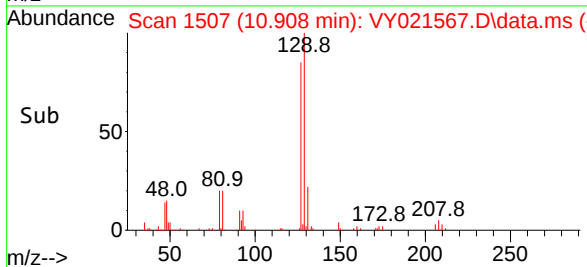
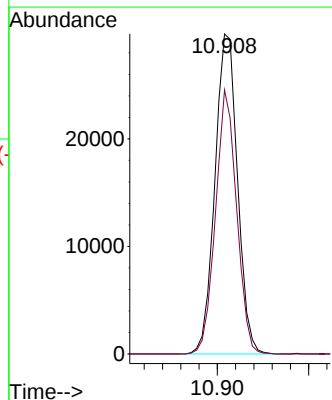
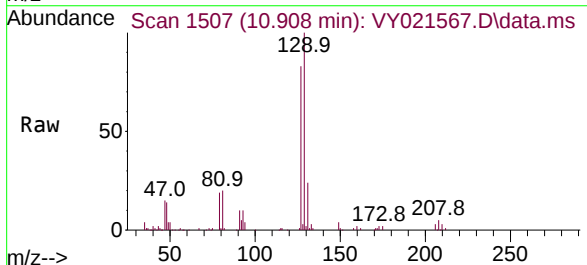
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

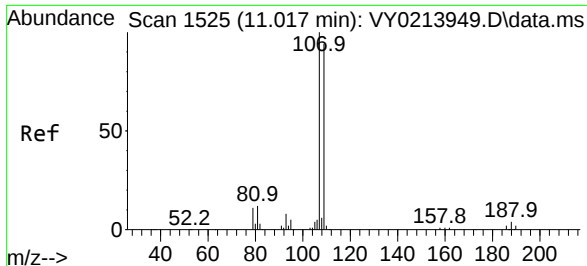
Tgt Ion: 43 Resp: 107682
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8



#60
Dibromochloromethane
Concen: 21.507 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 129 Resp: 51073
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

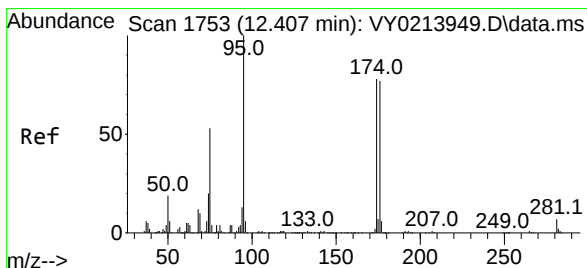
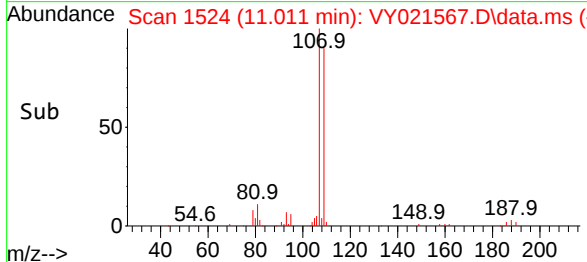
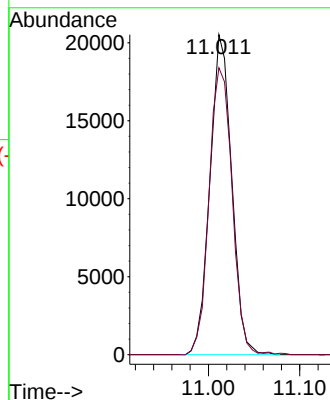
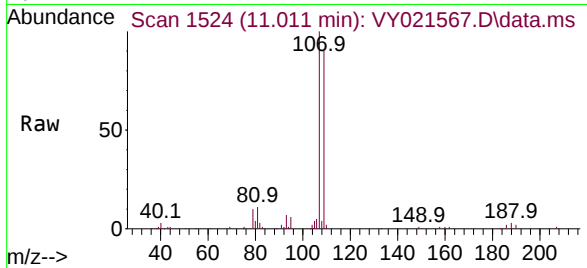




#61
1,2-Dibromoethane
Concen: 20.818 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

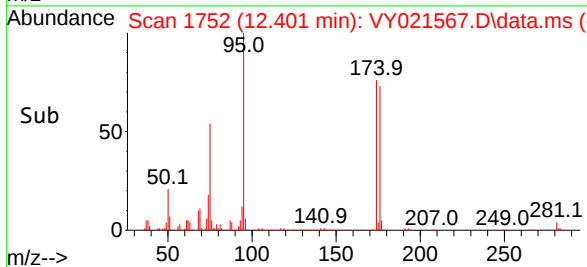
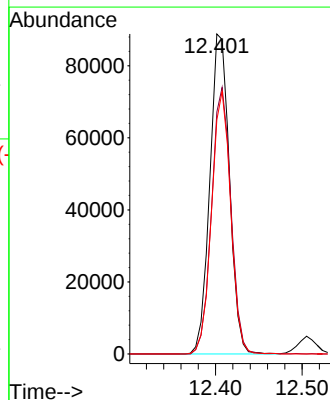
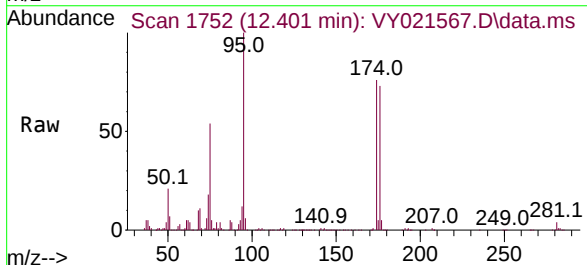
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

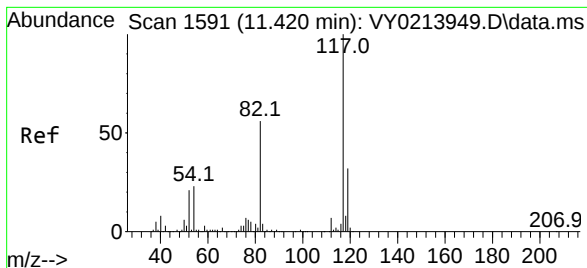
Tgt Ion:107 Resp: 34033
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.925 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 95 Resp: 139444
Ion Ratio Lower Upper
95 100
174 82.4 0.0 165.0
176 80.1 0.0 160.0

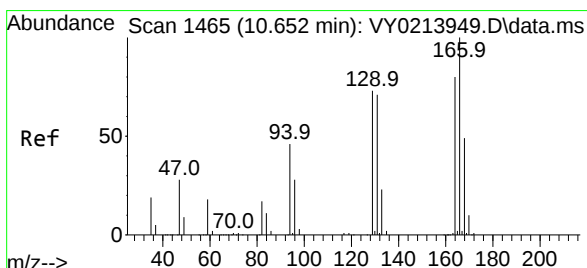
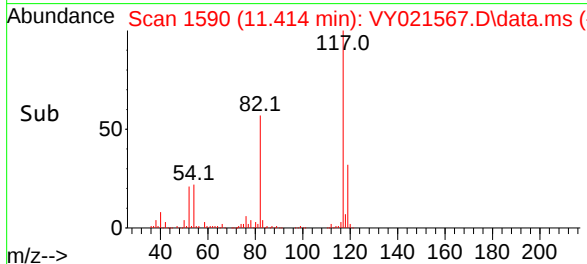
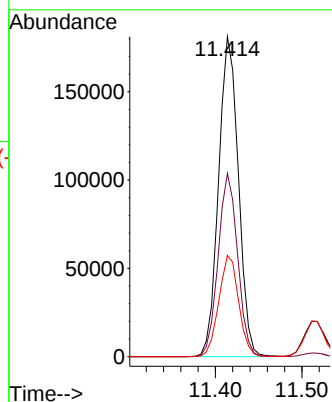
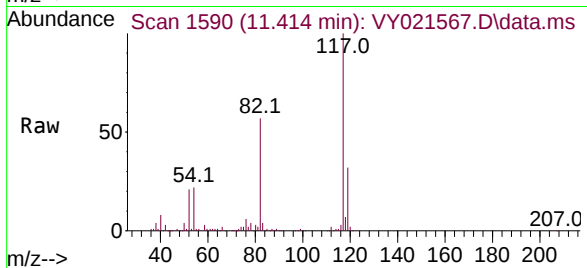




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

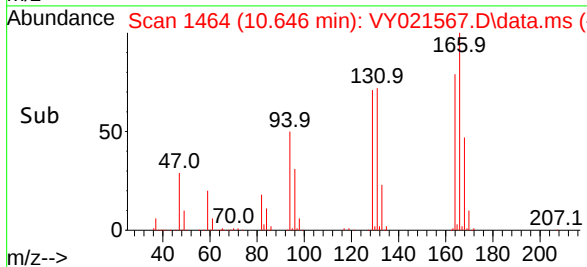
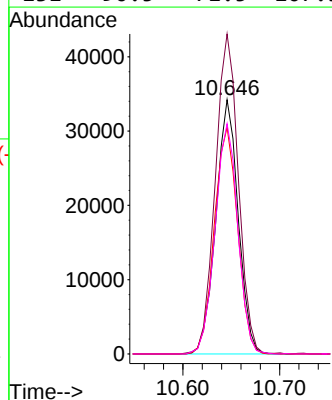
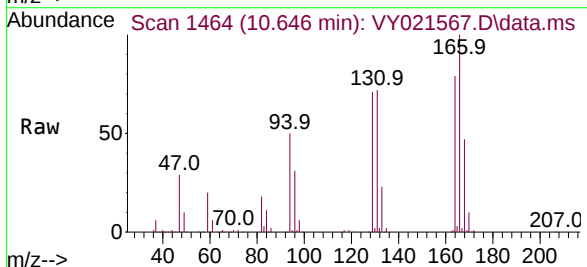
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

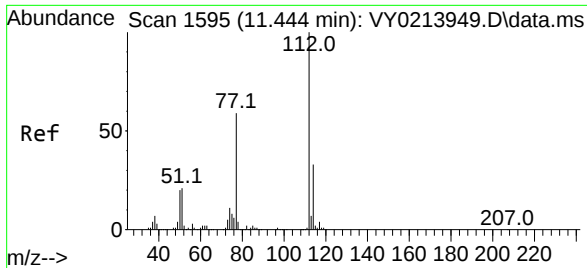
Tgt Ion:117 Resp: 287908
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 23.414 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:164 Resp: 54815
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 89.1 73.8 110.8
131 90.5 71.5 107.3

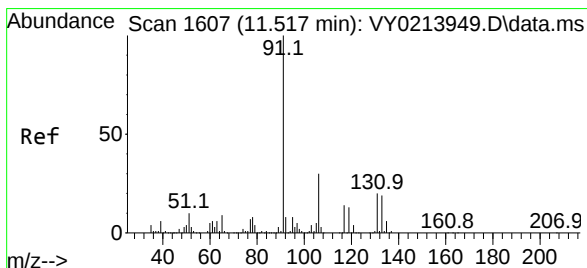
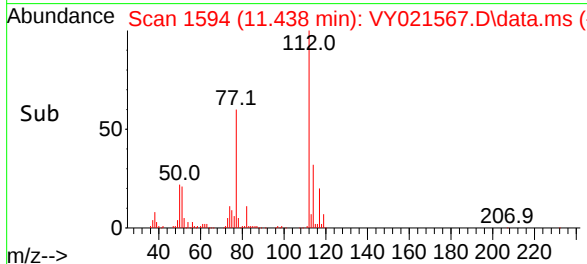
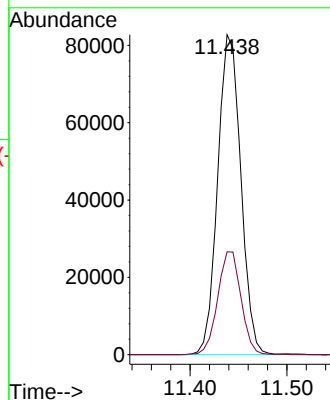
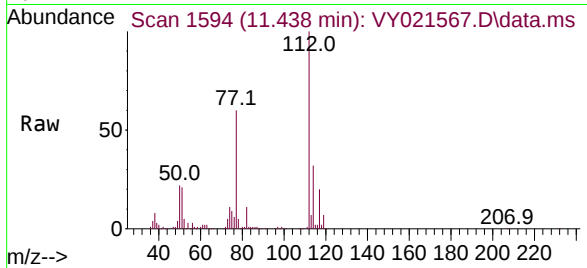




#65
Chlorobenzene
Concen: 20.221 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

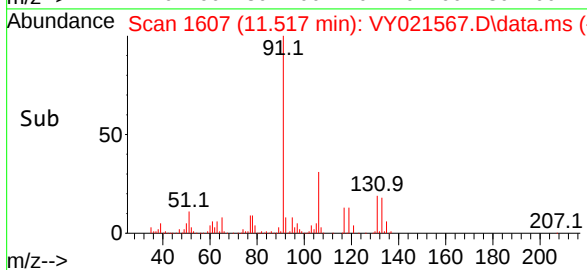
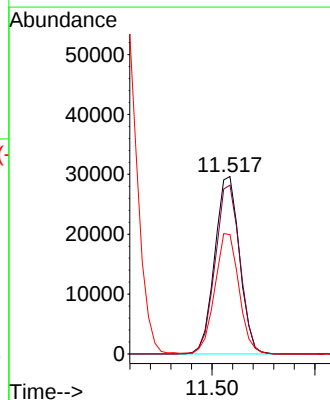
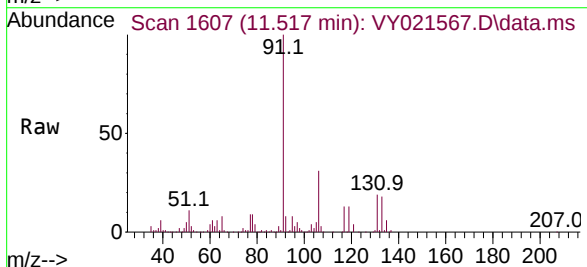
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

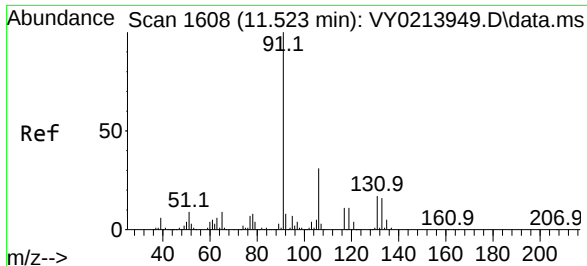
Tgt Ion:112 Resp: 137479
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.566 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:131 Resp: 49435
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 66.5 32.3 96.9





#67

Ethyl Benzene

Concen: 19.929 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

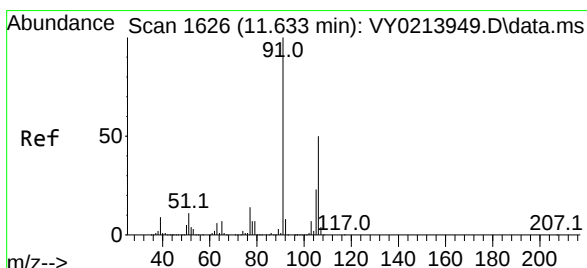
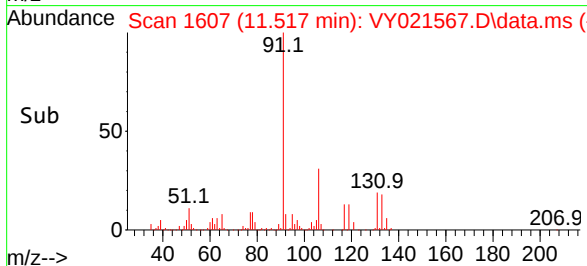
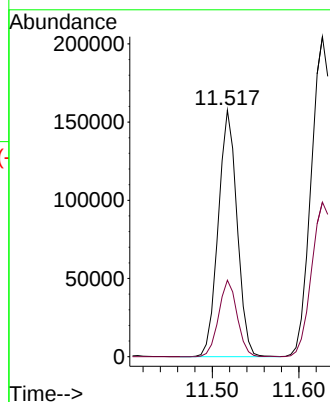
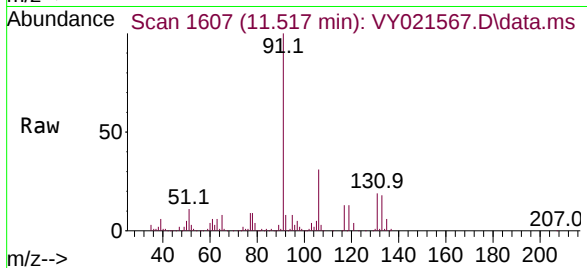
VY0319SBSD01

Tgt Ion: 91 Resp: 237813

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 39.535 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021567.D

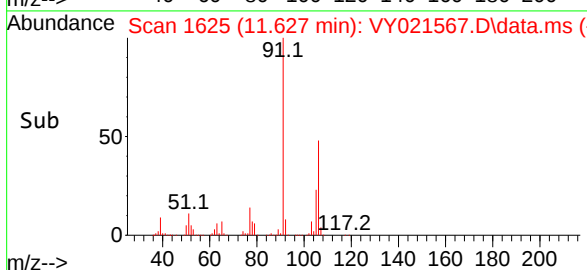
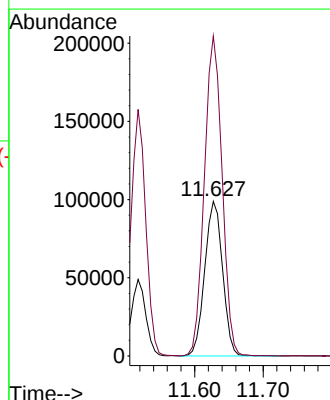
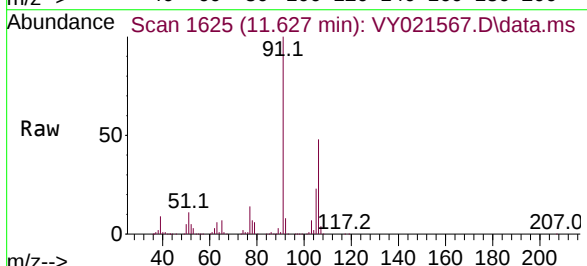
Acq: 19 Mar 2025 13:43

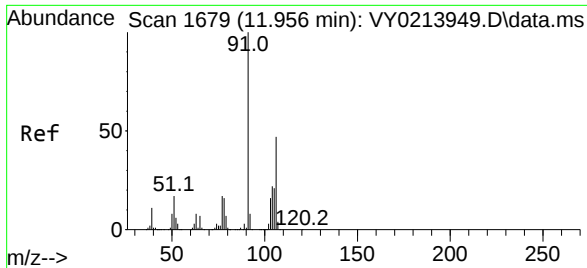
Tgt Ion:106 Resp: 179111

Ion Ratio Lower Upper

106 100

91 205.7 161.7 242.5

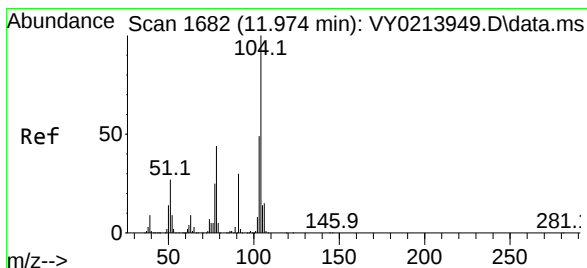
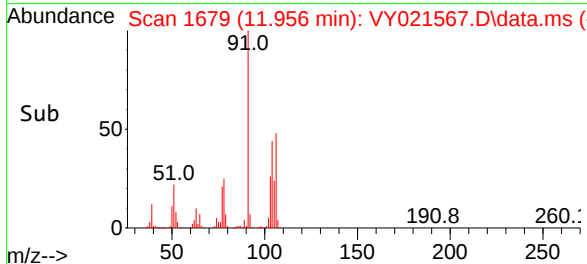
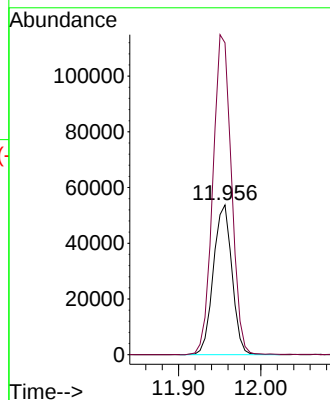
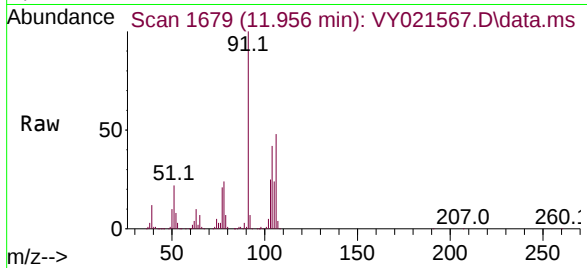




#69
o-Xylene
Concen: 20.237 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

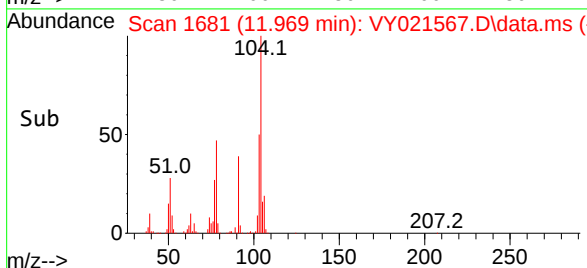
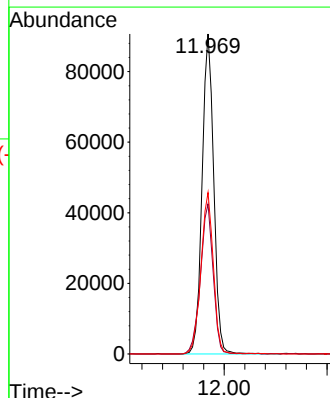
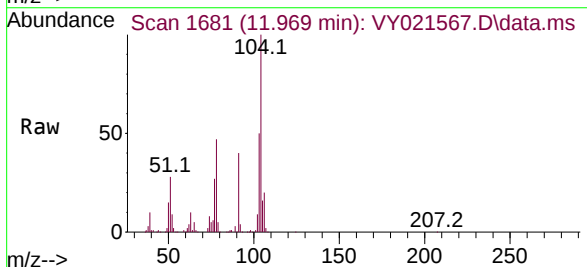
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

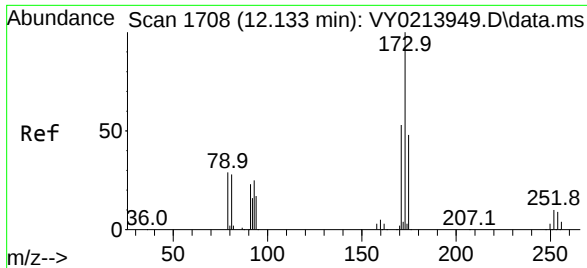
Tgt Ion:106 Resp: 84498
Ion Ratio Lower Upper
106 100
91 214.0 107.6 322.8



#70
Styrene
Concen: 20.537 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:104 Resp: 142260
Ion Ratio Lower Upper
104 100
78 50.8 40.7 61.1
103 53.9 44.1 66.1

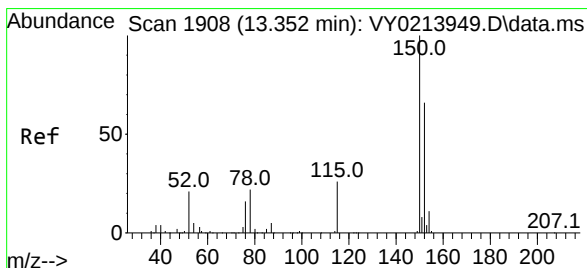
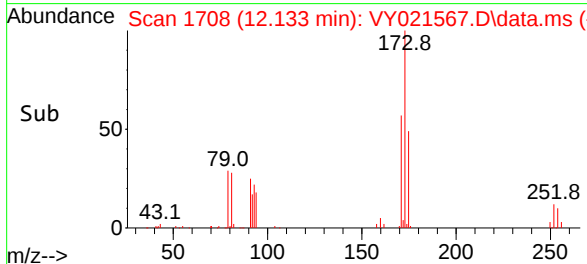
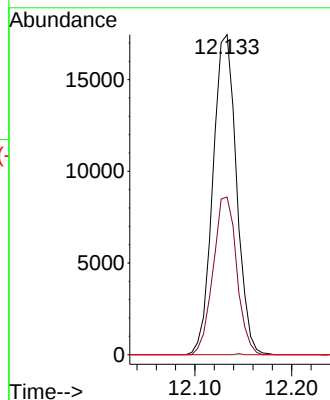
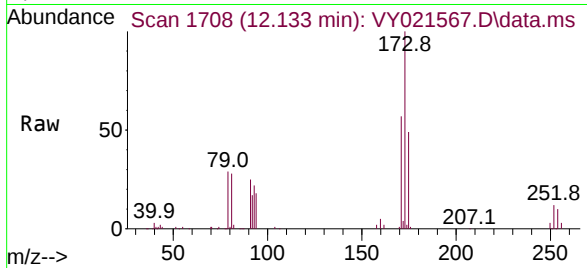




#71
Bromoform
Concen: 22.009 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

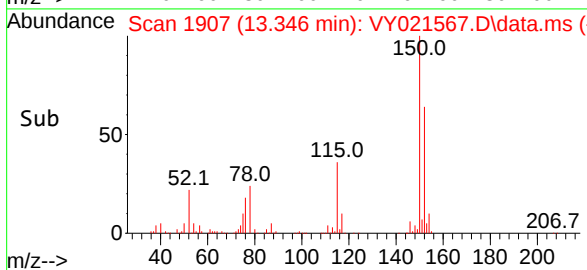
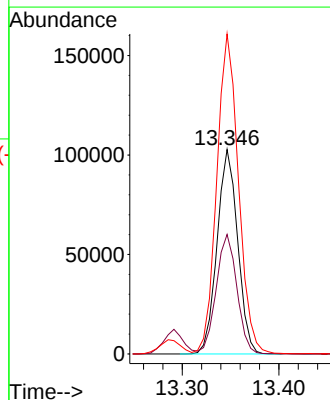
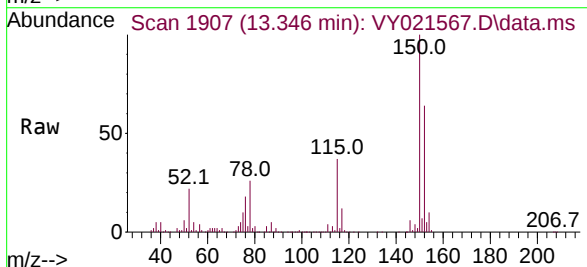
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBSD01

Tgt Ion:173 Resp: 29573
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.7
254 0.1 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: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:152 Resp: 151635
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 164.8 0.0 347.2

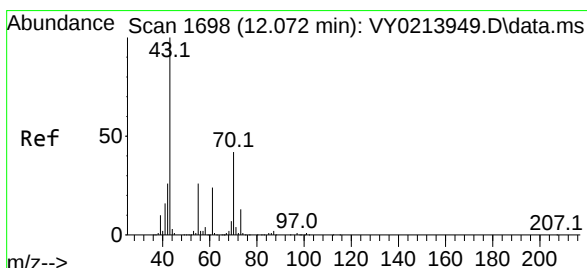
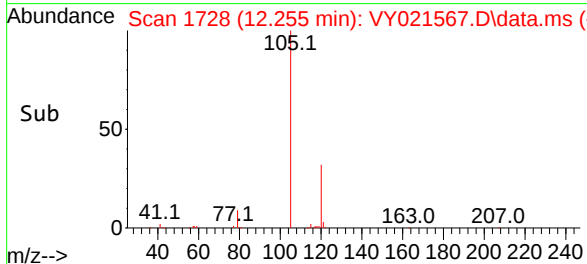
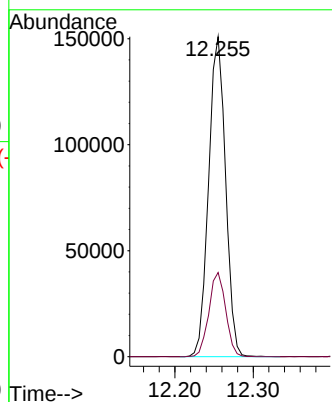
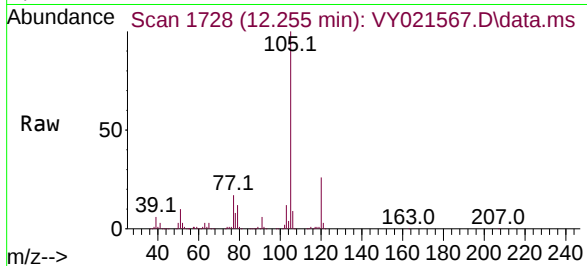




#73
Isopropylbenzene
Concen: 18.948 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

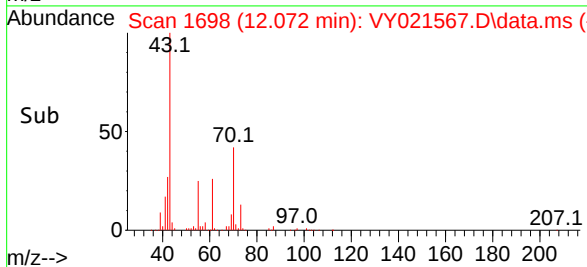
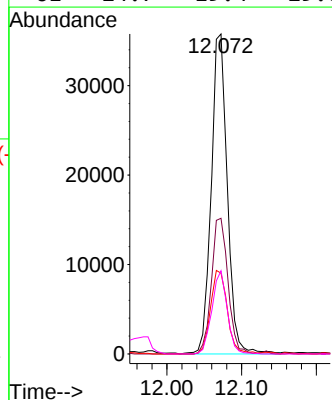
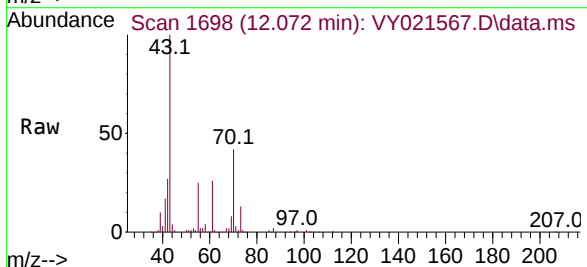
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

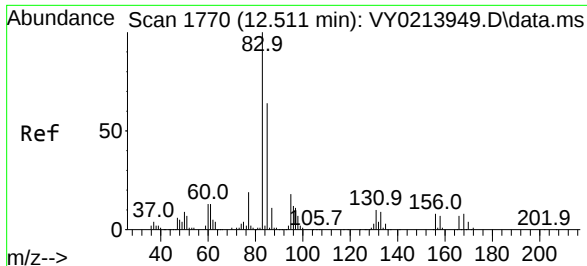
Tgt Ion:105 Resp: 226324
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 20.637 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 43 Resp: 53535
Ion Ratio Lower Upper
43 100
70 43.5 34.6 51.8
55 27.2 21.1 31.7
61 24.7 19.4 29.0

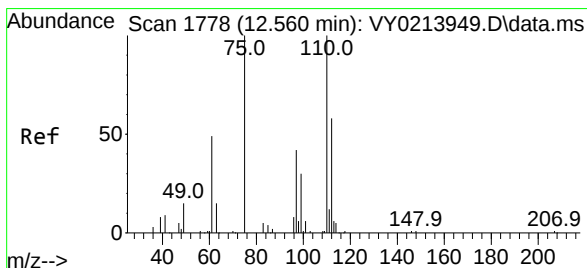
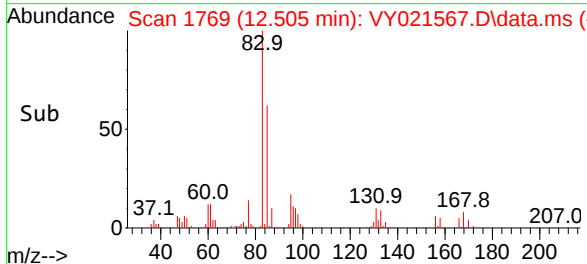
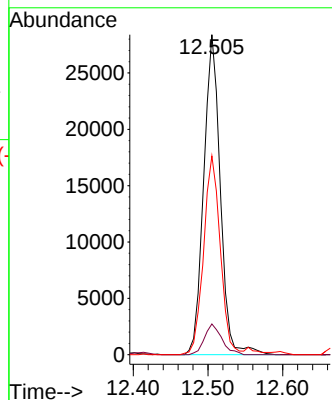
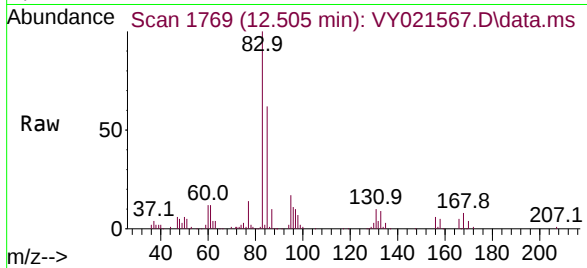




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.770 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

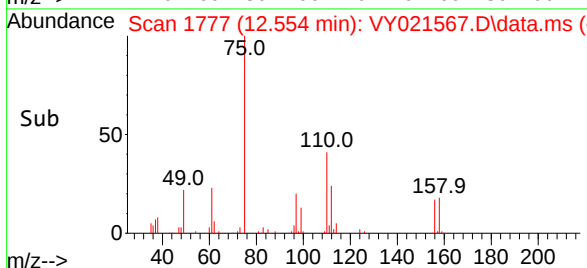
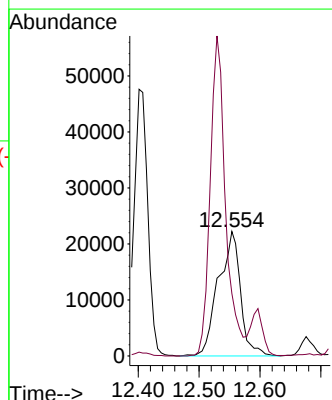
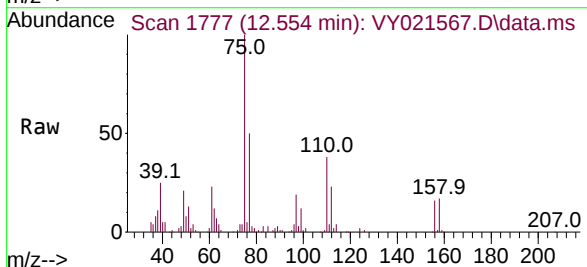
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

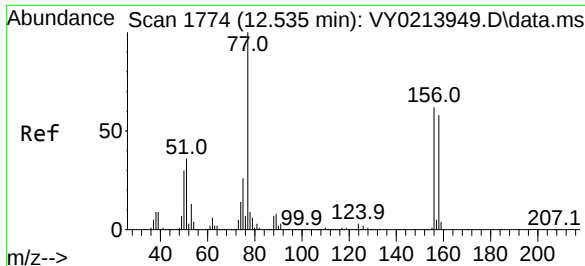
Tgt Ion: 83 Resp: 43780
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 16.1
 85 62.4 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 36.644 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 75 Resp: 55992
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

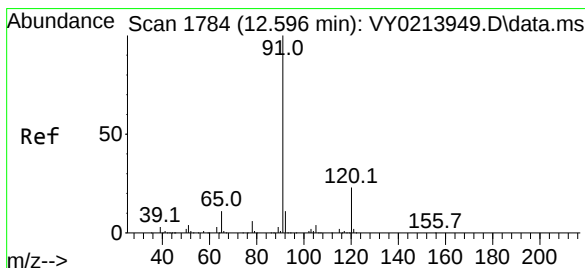
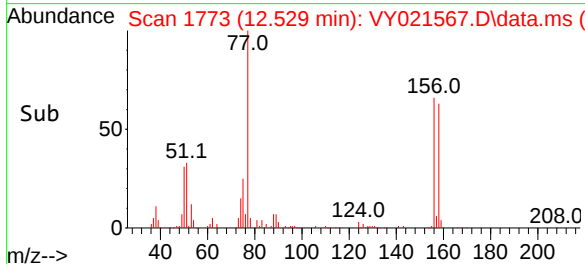
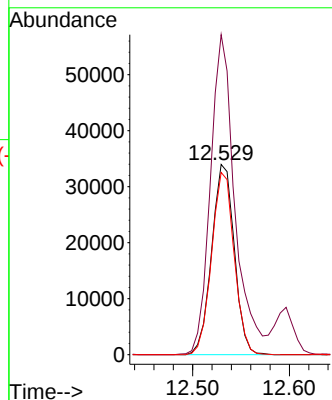
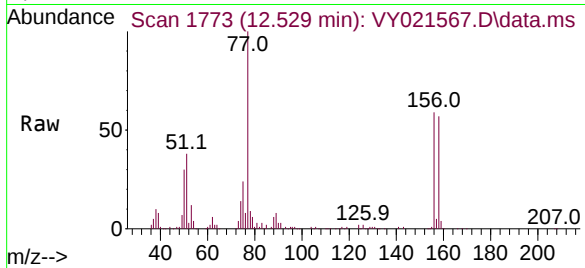




#77
Bromobenzene
Concen: 19.770 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

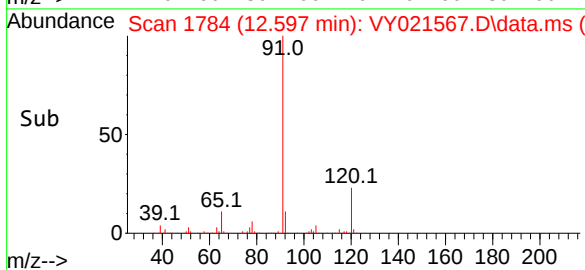
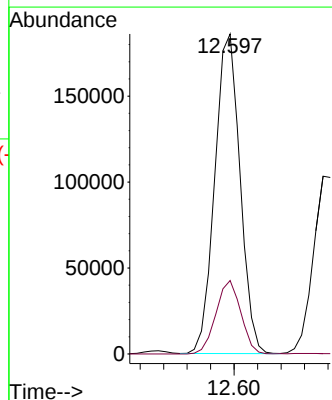
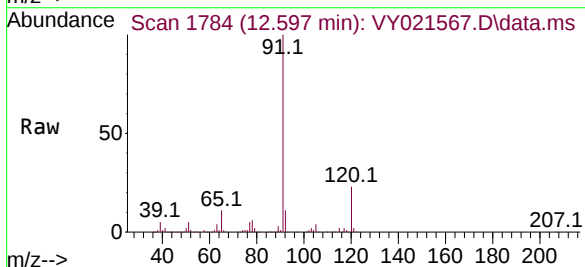
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

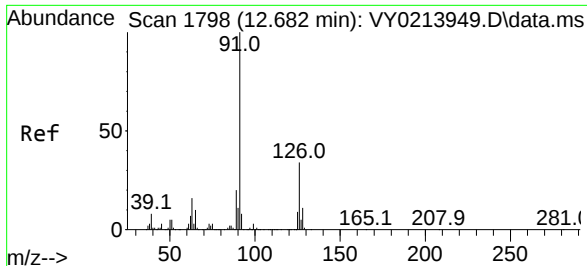
Tgt Ion:156 Resp: 55247
Ion Ratio Lower Upper
156 100
77 180.7 93.6 280.8
158 95.5 48.3 144.8



#78
n-propylbenzene
Concen: 19.123 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 91 Resp: 277413
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.514 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

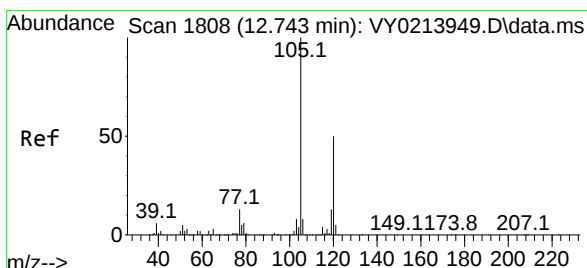
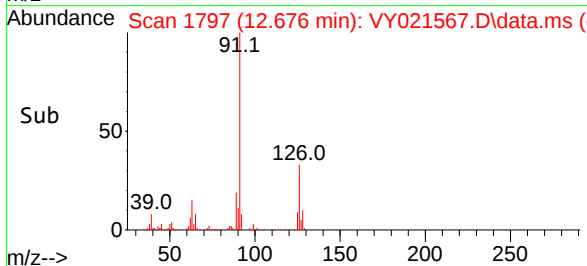
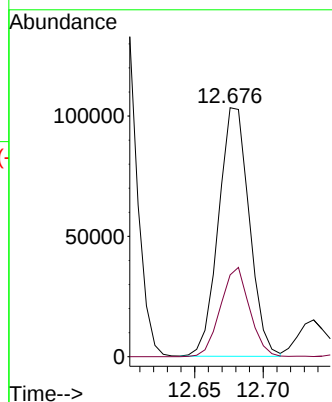
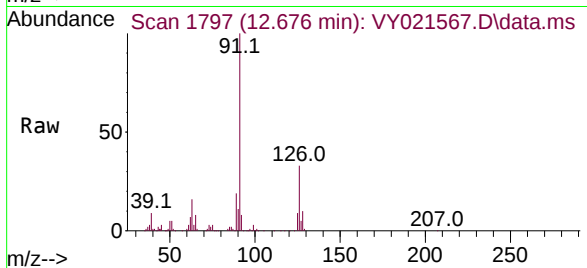
VY0319SBS01

Tgt Ion: 91 Resp: 161860

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.331 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021567.D

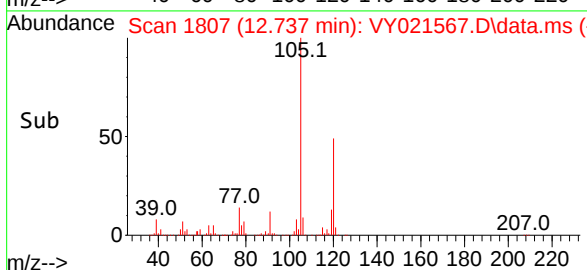
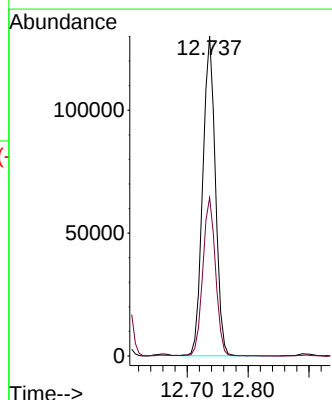
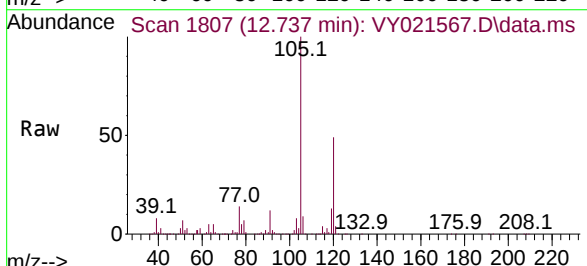
Acq: 19 Mar 2025 13:43

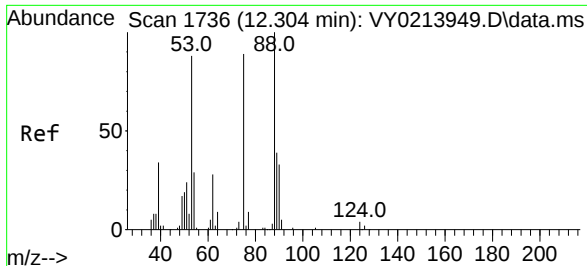
Tgt Ion:105 Resp: 187648

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.6

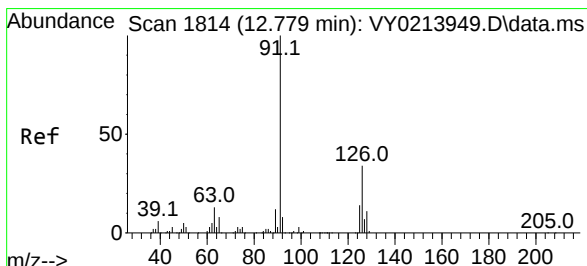
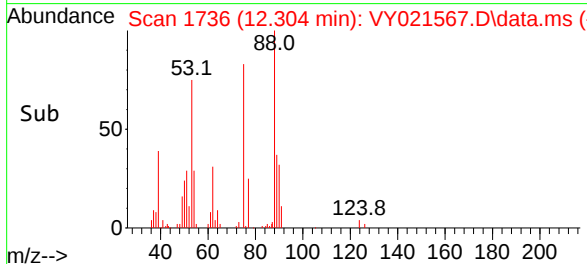
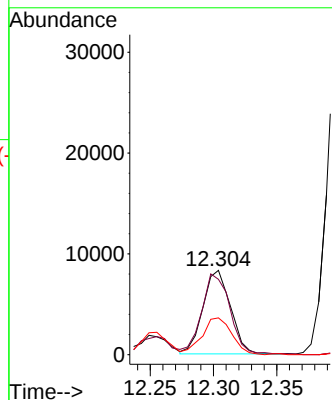
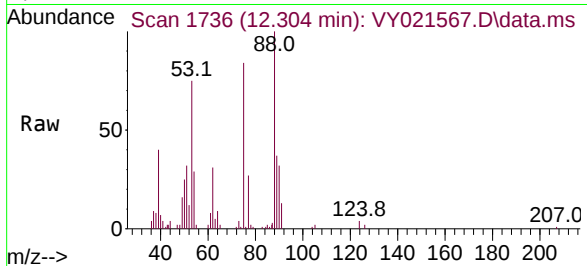




#81
trans-1,4-Dichloro-2-butene
Concen: 18.618 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

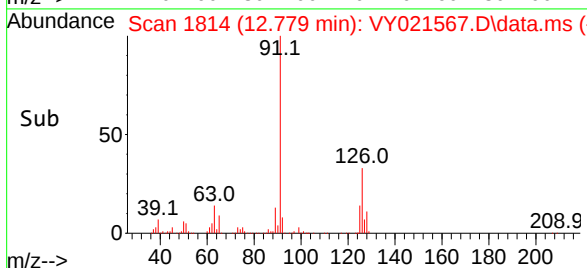
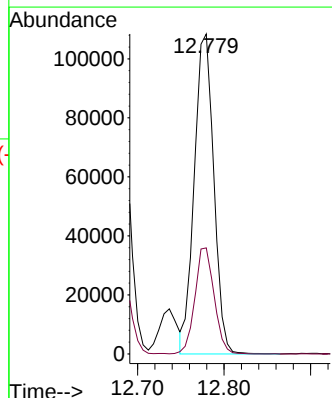
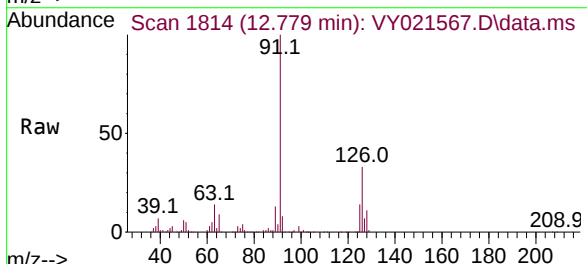
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

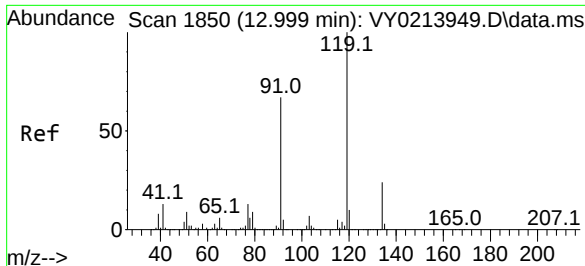
Tgt Ion: 75 Resp: 12514
Ion Ratio Lower Upper
75 100
53 101.2 81.0 121.4
89 48.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 19.741 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion: 91 Resp: 169565
Ion Ratio Lower Upper
91 100
126 32.8 17.0 51.0

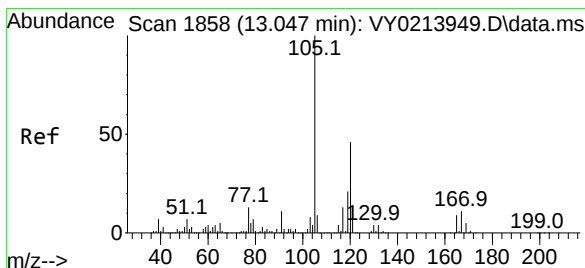
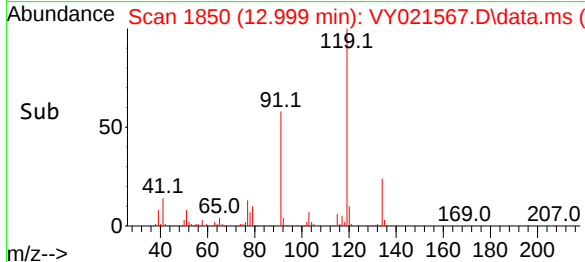
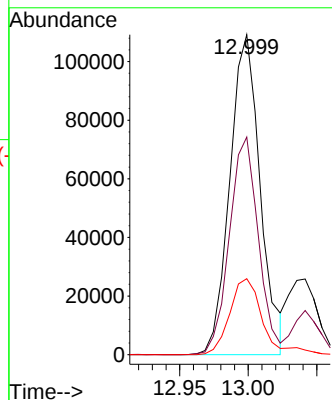
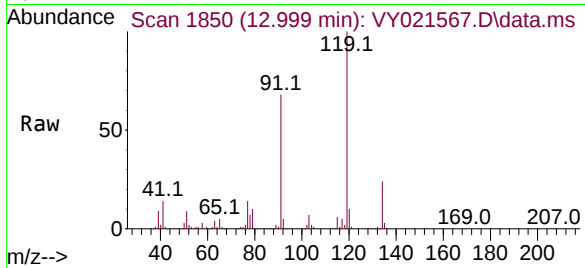




#83
tert-Butylbenzene
Concen: 19.463 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

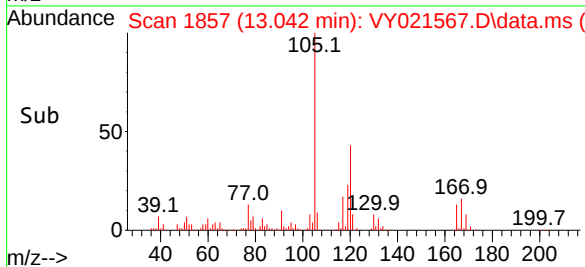
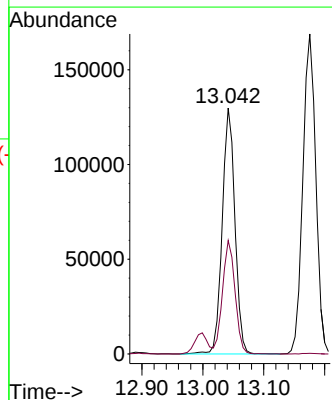
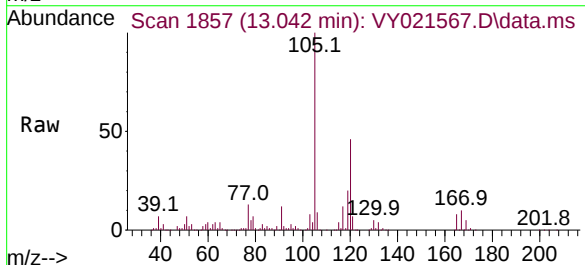
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

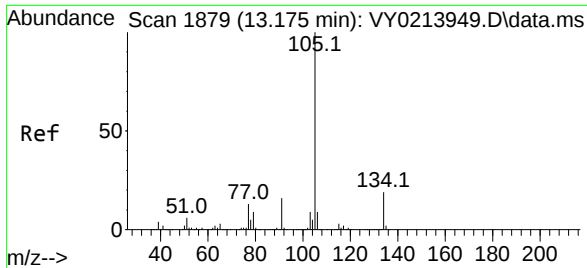
Tgt Ion:119 Resp: 168538
Ion Ratio Lower Upper
119 100
91 64.9 33.2 99.6
134 25.7 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 19.571 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:105 Resp: 188618
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1

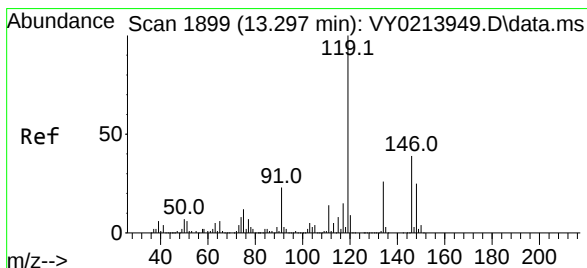
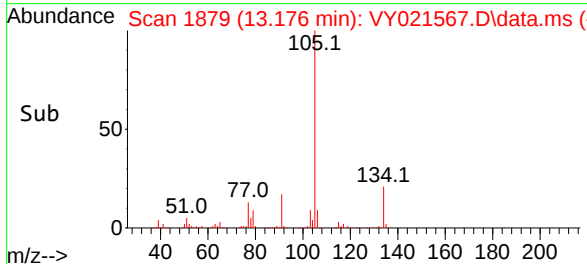
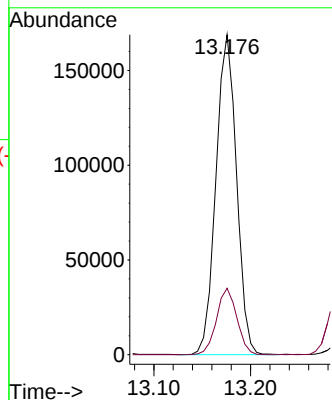
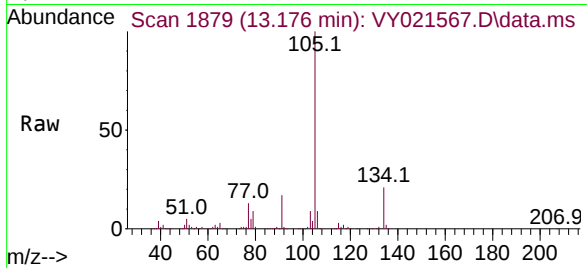




#85
 sec-Butylbenzene
 Concen: 19.352 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

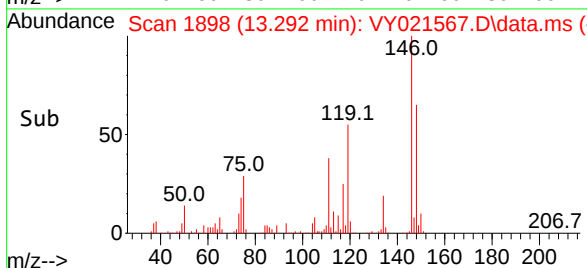
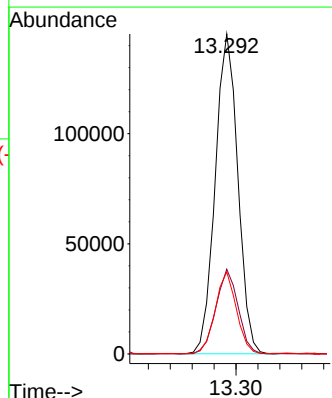
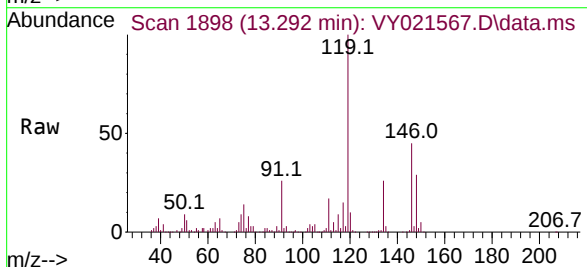
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

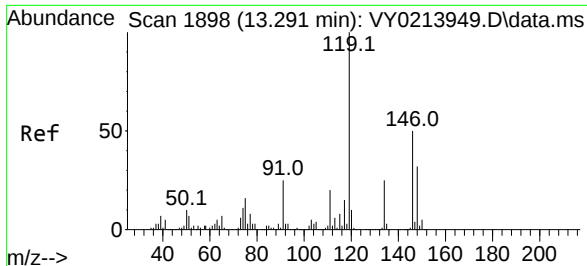
Tgt Ion:105 Resp: 249333
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.593 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion:119 Resp: 207974
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.9 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.888 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

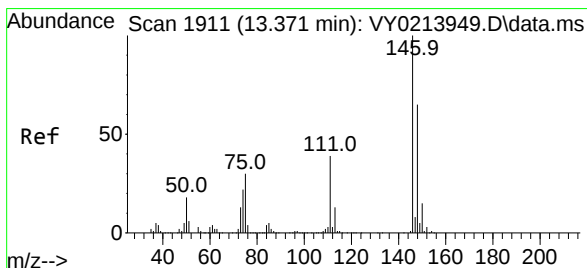
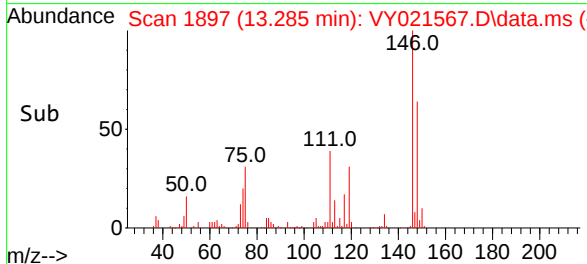
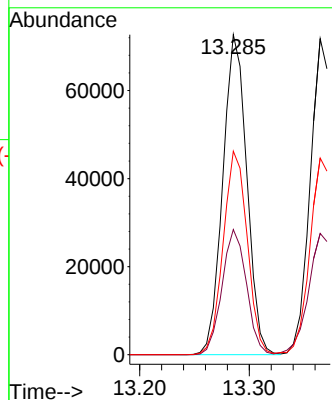
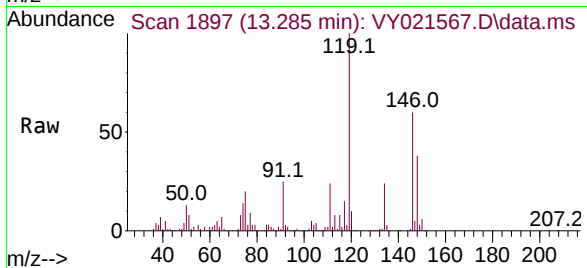
Tgt Ion:146 Resp: 110625

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.804 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

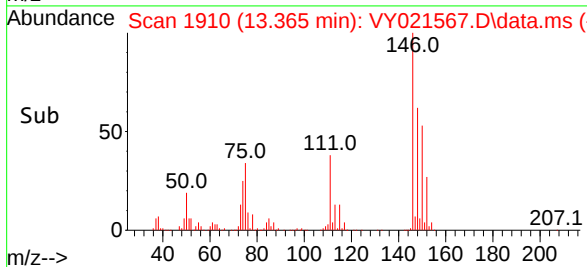
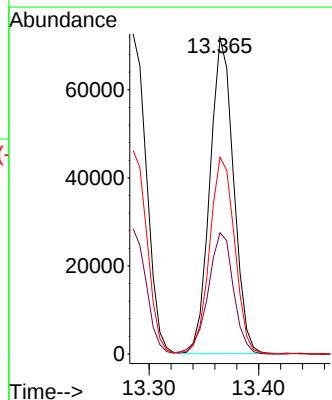
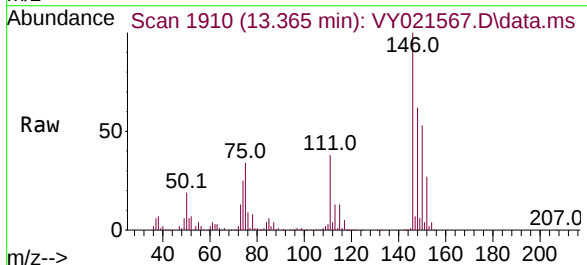
Tgt Ion:146 Resp: 107732

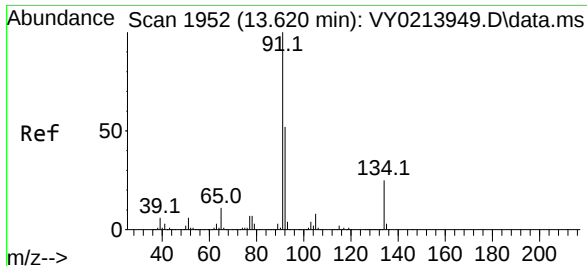
Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.8

148 65.9 32.3 96.8





#89

n-Butylbenzene

Concen: 19.488 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021567.D

Acq: 19 Mar 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

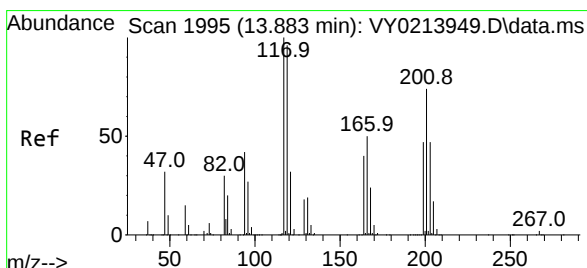
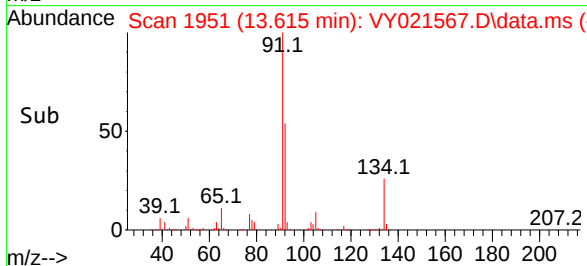
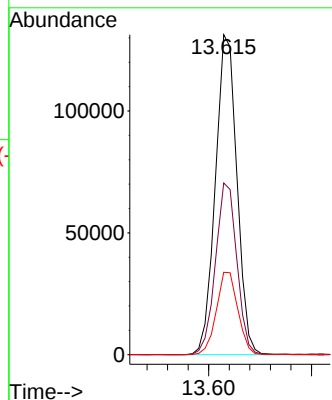
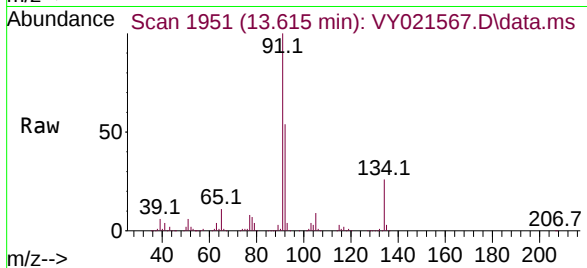
Tgt Ion: 91 Resp: 191014

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 19.659 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021567.D

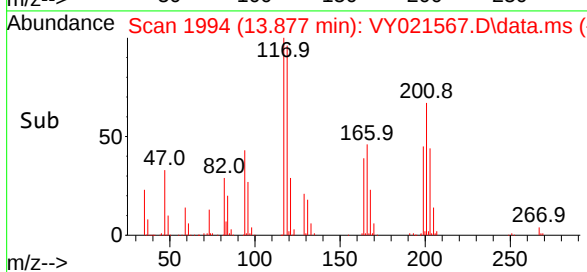
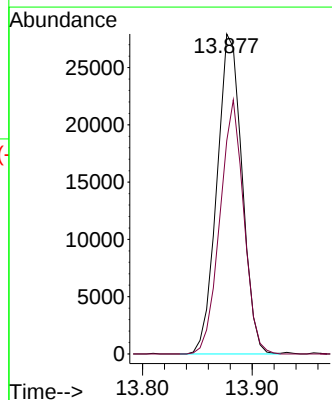
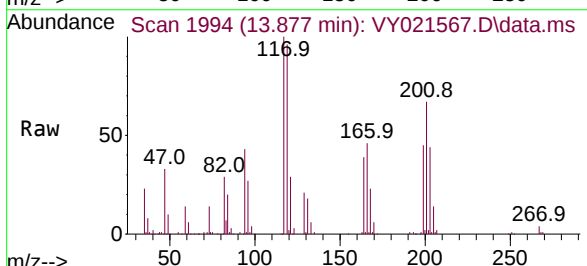
Acq: 19 Mar 2025 13:43

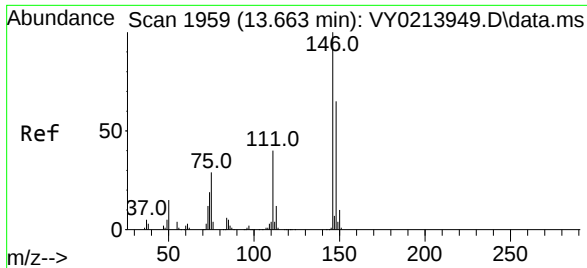
Tgt Ion: 117 Resp: 44517

Ion Ratio Lower Upper

117 100

201 75.3 37.4 112.2

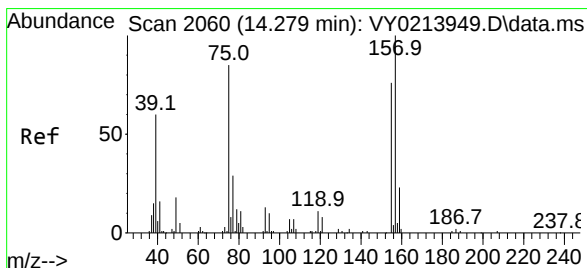
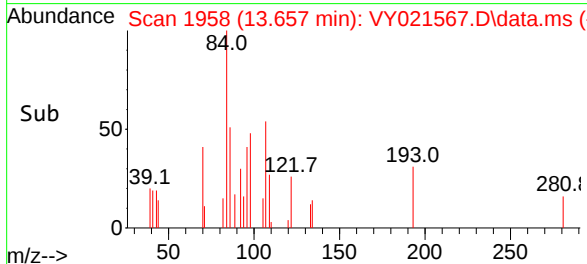
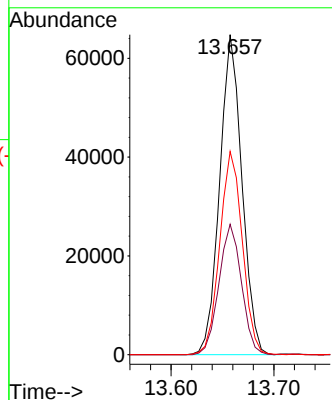
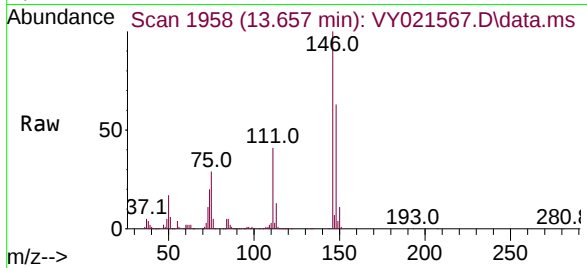




#91
 1,2-Dichlorobenzene
 Concen: 20.443 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

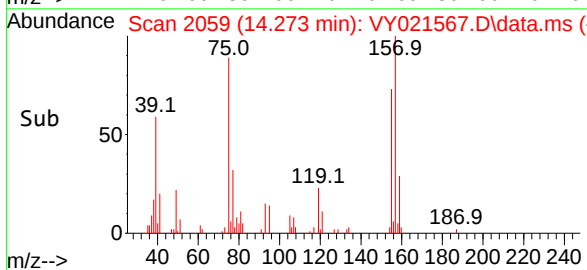
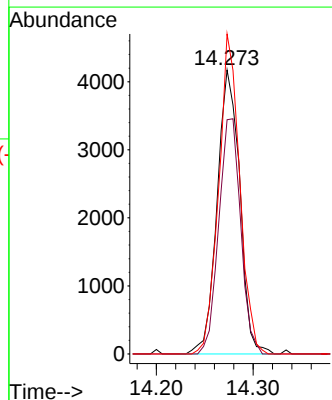
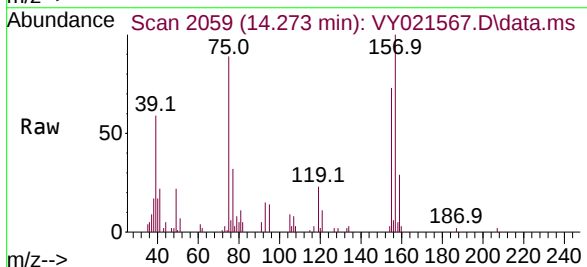
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

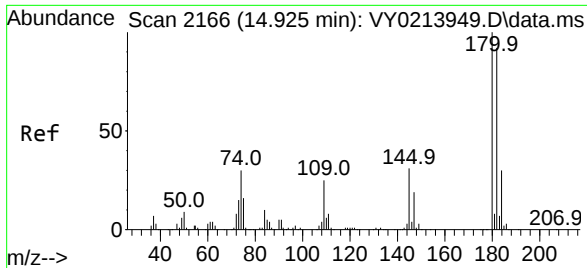
Tgt Ion:146 Resp: 97462
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.7 62.1
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.416 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion: 75 Resp: 6762
 Ion Ratio Lower Upper
 75 100
 155 80.1 43.5 130.5
 157 104.9 54.4 163.2

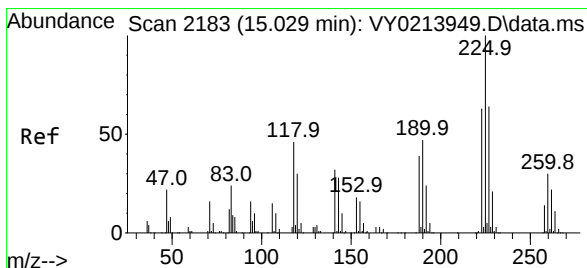
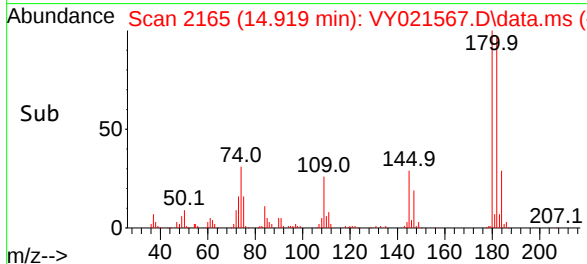
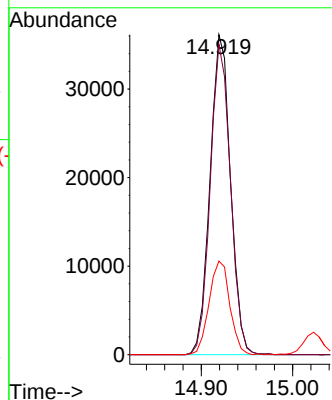
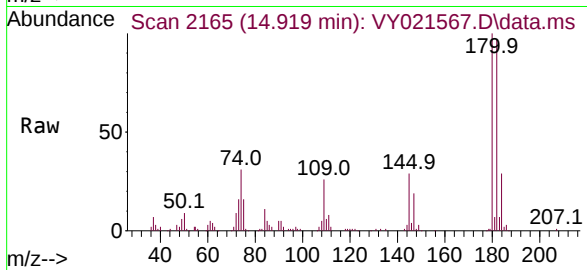




#93
 1,2,4-Trichlorobenzene
 Concen: 21.614 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

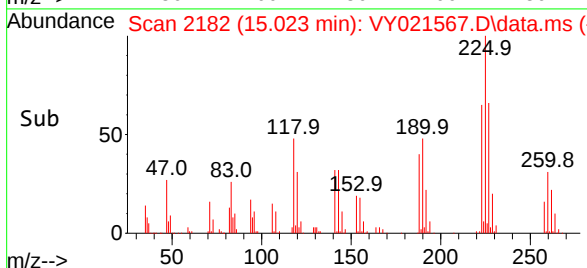
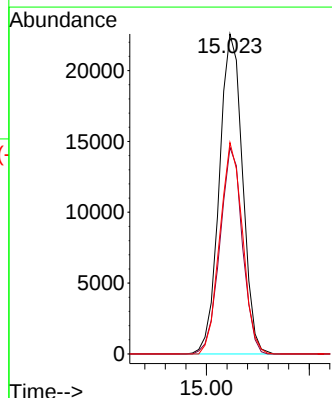
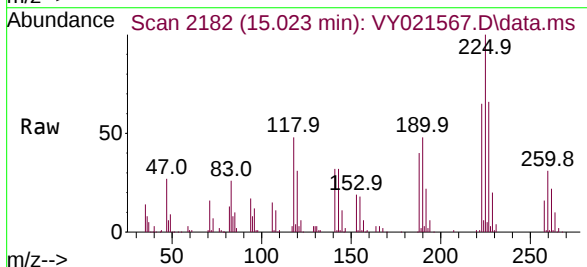
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

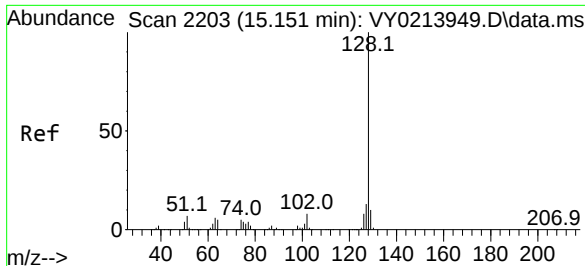
Tgt Ion:180 Resp: 56283
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.7 140.0
 145 29.6 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.629 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021567.D
 Acq: 19 Mar 2025 13:43

Tgt Ion:225 Resp: 35306
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.2
 227 64.7 31.8 95.4

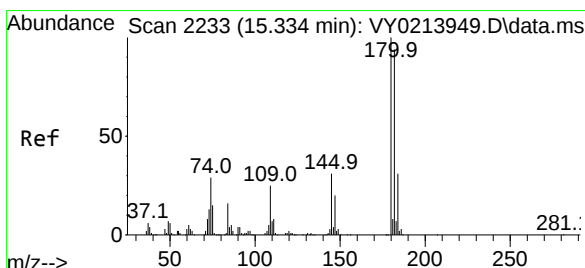
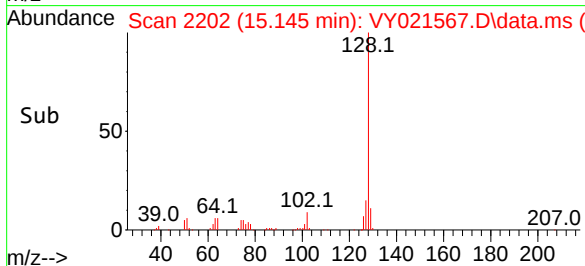
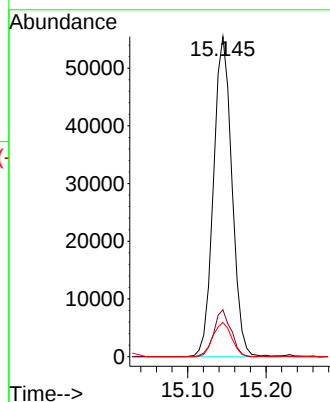
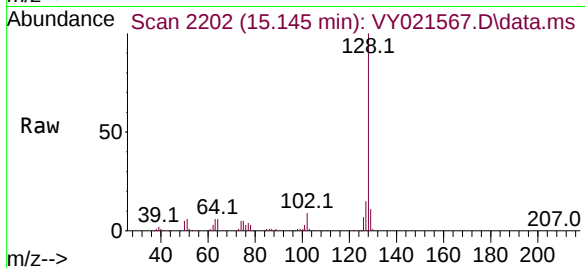




#95
Naphthalene
Concen: 22.578 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

Tgt Ion:	128	Resp:	90637
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.556 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021567.D
Acq: 19 Mar 2025 13:43

Tgt Ion:	180	Resp:	47211
Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.2	141.6
145	32.2	16.4	49.1

