

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021348.D
 Acq On : 27 Feb 2025 11:18
 Operator : SY/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Quant Time: Feb 28 00:40:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	199987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116027	51.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.280%	
35) Dibromofluoromethane	7.628	113	106867	52.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.103	98	413664	52.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.408	95	139307	52.368	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	37086	19.559	ug/l	97
3) Chloromethane	2.068	50	45372	18.528	ug/l	98
4) Vinyl Chloride	2.202	62	46452	19.327	ug/l	97
5) Bromomethane	2.586	94	30476	19.081	ug/l	99
6) Chloroethane	2.733	64	29673	19.908	ug/l	98
7) Trichlorofluoromethane	3.056	101	73497	20.248	ug/l	99
8) Diethyl Ether	3.452	74	20917	19.199	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	42936	20.431	ug/l	99
10) Methyl Iodide	4.001	142	41447	18.746	ug/l	100
11) Tert butyl alcohol	4.860	59	15512	88.893	ug/l	97
12) 1,1-Dichloroethene	3.787	96	39988	19.872	ug/l	94
13) Acrolein	3.647	56	22410	167.586	ug/l	95
14) Allyl chloride	4.379	41	67291	18.861	ug/l	99
15) Acrylonitrile	5.055	53	44168	91.694	ug/l	98
16) Acetone	3.866	43	46430	106.690	ug/l	99
17) Carbon Disulfide	4.104	76	123567	18.493	ug/l	100
18) Methyl Acetate	4.385	43	19413	18.253	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	101763	19.141	ug/l	99
20) Methylene Chloride	4.616	84	46825	19.898	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	43373	19.580	ug/l	97
22) Diisopropyl ether	6.019	45	143470	19.433	ug/l	98
23) Vinyl Acetate	5.958	43	413611	93.754	ug/l	99
24) 1,1-Dichloroethane	5.909	63	81302	19.539	ug/l	98
25) 2-Butanone	6.890	43	63968	97.394	ug/l	99
26) 2,2-Dichloropropane	6.878	77	75215	19.921	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49301	19.490	ug/l	99
28) Bromochloromethane	7.244	49	34908	18.960	ug/l	99
29) Tetrahydrofuran	7.262	42	39410	91.797	ug/l	99
30) Chloroform	7.421	83	84823	20.118	ug/l	98
31) Cyclohexane	7.701	56	74866	18.717	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	76848	20.024	ug/l	98
36) 1,1-Dichloropropene	7.835	75	60971	19.846	ug/l	99
37) Ethyl Acetate	6.988	43	28033	18.344	ug/l	97
38) Carbon Tetrachloride	7.817	117	68822	19.927	ug/l	98
39) Methylcyclohexane	9.109	83	74844	19.261	ug/l	97
40) Benzene	8.079	78	180639	19.891	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021348.D
 Acq On : 27 Feb 2025 11:18
 Operator : SY/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Quant Time: Feb 28 00:40:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	39396	46.108	ug/l #	38
42) 1,2-Dichloroethane	8.158	62	52273	20.288	ug/l	99
43) Isopropyl Acetate	8.195	43	54717	18.499	ug/l	99
44) Trichloroethene	8.866	130	45500	20.012	ug/l	97
45) 1,2-Dichloropropane	9.140	63	43265	19.796	ug/l	96
46) Dibromomethane	9.231	93	23940	20.039	ug/l	100
47) Bromodichloromethane	9.420	83	64230	20.164	ug/l	97
48) Methyl methacrylate	9.219	41	24954	18.041	ug/l	97
49) 1,4-Dioxane	9.225	88	4987	375.432	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	139296	91.997	ug/l	99
52) Toluene	10.170	92	114108	20.226	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	56809	19.466	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	66736	19.370	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31323	20.127	ug/l	98
56) Ethyl methacrylate	10.438	69	41028	19.079	ug/l	97
57) 1,3-Dichloropropane	10.713	76	54720	20.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	96301	93.300	ug/l	99
59) 2-Hexanone	10.762	43	95328	95.864	ug/l	100
60) Dibromochloromethane	10.914	129	41937	19.786	ug/l	99
61) 1,2-Dibromoethane	11.012	107	28803	19.549	ug/l	98
64) Tetrachloroethene	10.646	164	40978	19.901	ug/l	97
65) Chlorobenzene	11.438	112	121107	19.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43712	20.415	ug/l	100
67) Ethyl Benzene	11.518	91	217521	20.082	ug/l	98
68) m/p-Xylenes	11.627	106	164558	40.391	ug/l	100
69) o-Xylene	11.956	106	75583	19.803	ug/l	99
70) Styrene	11.969	104	125803	19.811	ug/l	99
71) Bromoform	12.133	173	24353	19.881	ug/l #	99
73) Isopropylbenzene	12.255	105	206205	19.845	ug/l	99
74) N-amyl acetate	12.072	43	47320	17.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34737	18.942	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	46474	33.593	ug/l #	100
77) Bromobenzene	12.530	156	47735	19.751	ug/l	97
78) n-propylbenzene	12.597	91	251702	19.962	ug/l	100
79) 2-Chlorotoluene	12.682	91	142369	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	170506	20.007	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11755	18.885	ug/l	99
82) 4-Chlorotoluene	12.780	91	149541	19.935	ug/l	99
83) tert-Butylbenzene	12.999	119	154147	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	170349	20.098	ug/l	100
85) sec-Butylbenzene	13.176	105	225031	20.012	ug/l	99
86) p-Isopropyltoluene	13.292	119	187791	20.000	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	95671	20.011	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	93607	19.820	ug/l	98
89) n-Butylbenzene	13.621	91	175070	19.813	ug/l	100
90) Hexachloroethane	13.883	117	38407	19.583	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	82275	19.642	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5427	18.707	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	46899	18.345	ug/l	99
94) Hexachlorobutadiene	15.029	225	31841	19.783	ug/l	100
95) Naphthalene	15.145	128	73424	17.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	40776	18.878	ug/l	97

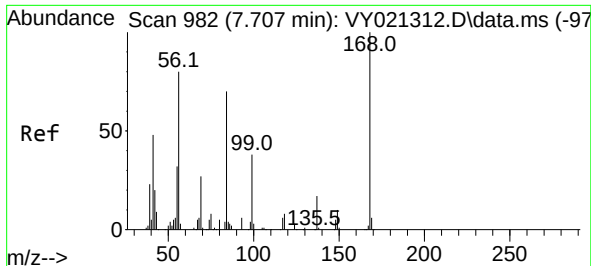
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021348.D
Acq On : 27 Feb 2025 11:18
Operator : SY/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Quant Time: Feb 28 00:40:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

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

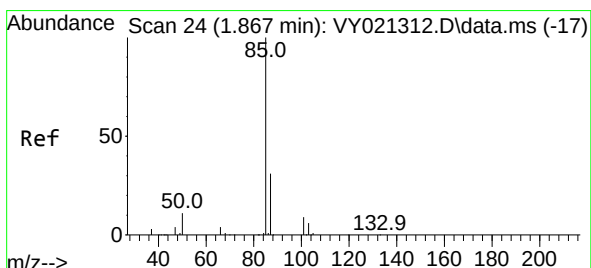
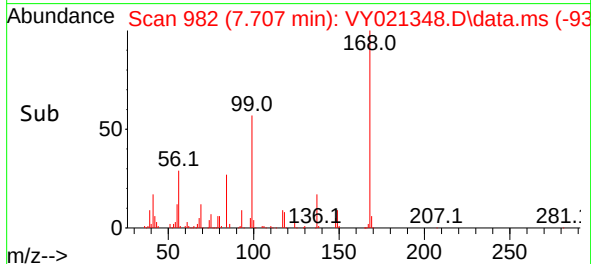
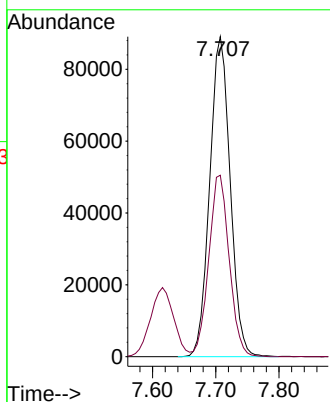
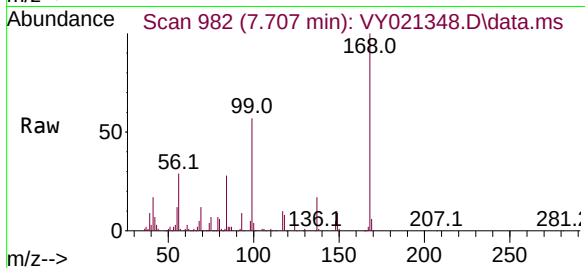
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

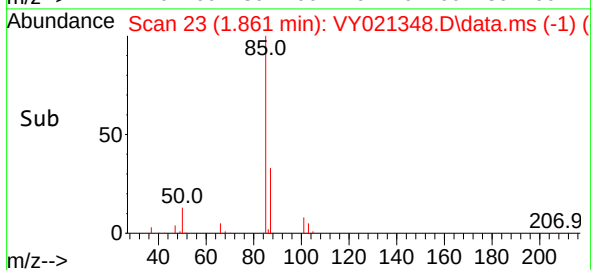
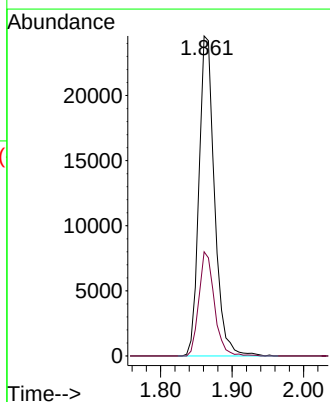
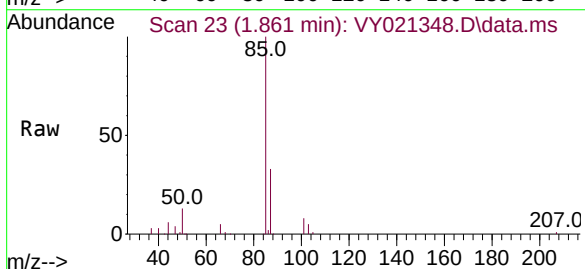
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

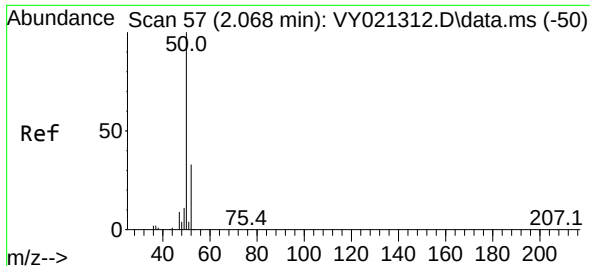
Tgt Ion:168 Resp: 199987
Ion Ratio Lower Upper
168 100
99 56.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 19.559 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 85 Resp: 37086
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.4

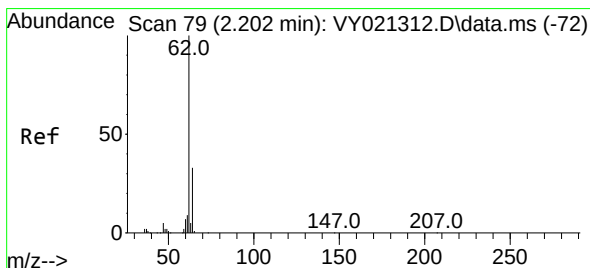
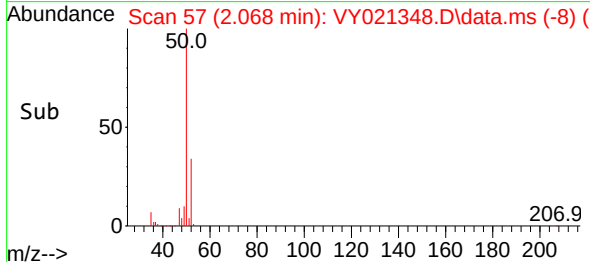
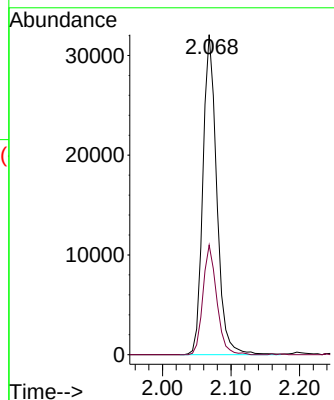
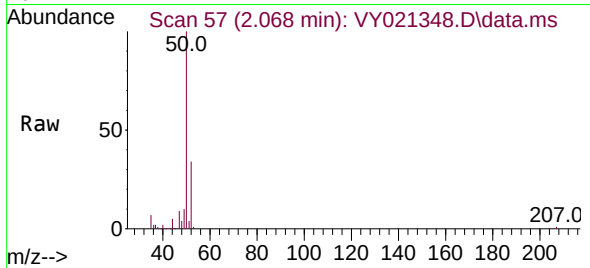




#3
Chloromethane
Concen: 18.528 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

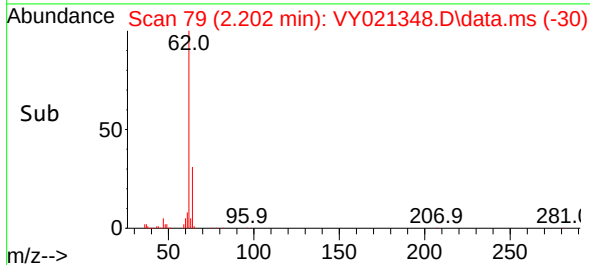
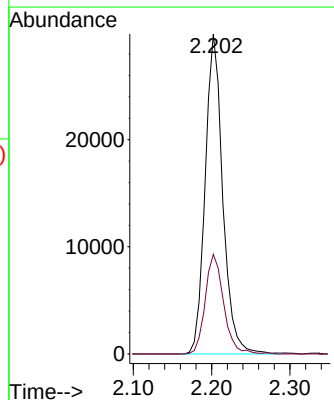
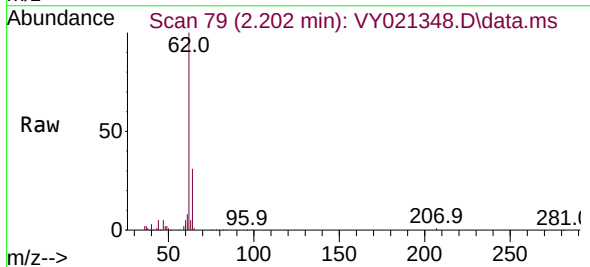
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

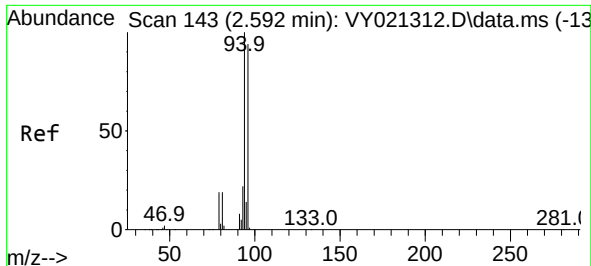
Tgt Ion: 50 Resp: 45372
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 19.327 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 62 Resp: 46452
Ion Ratio Lower Upper
62 100
64 31.1 26.3 39.5

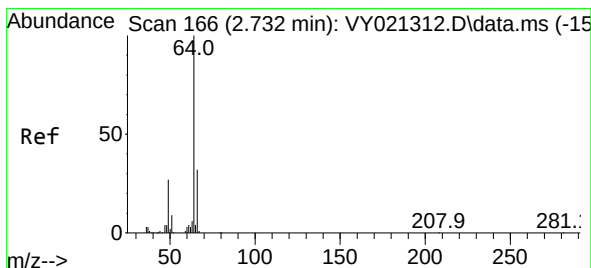
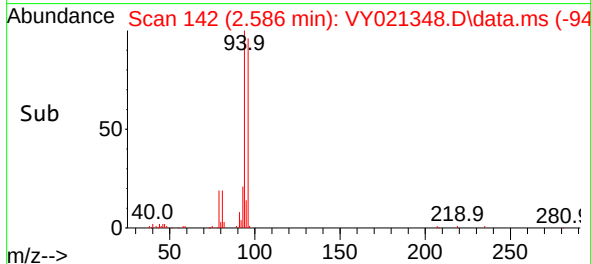
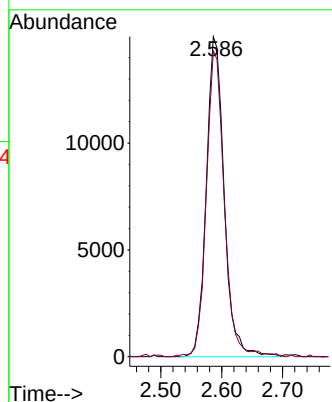
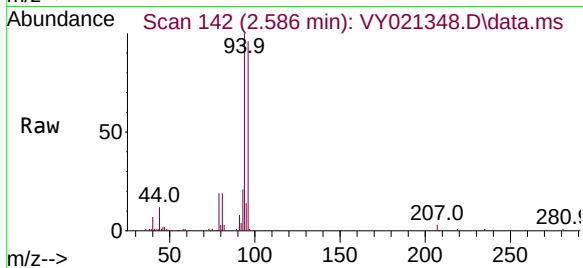




#5
Bromomethane
Concen: 19.081 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

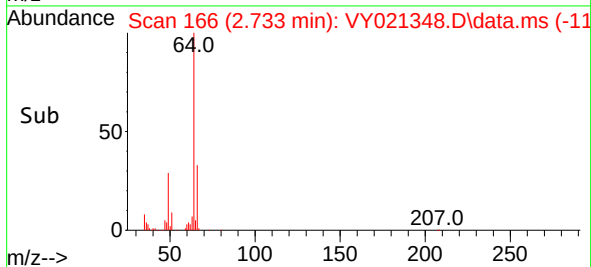
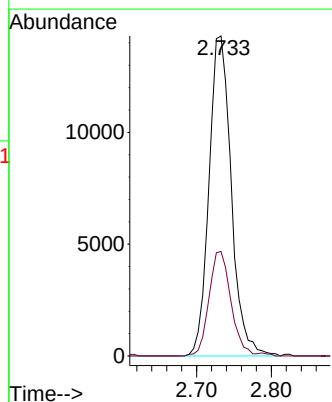
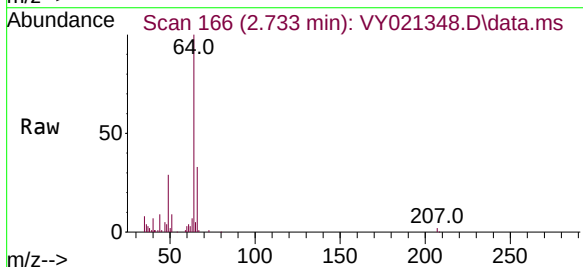
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

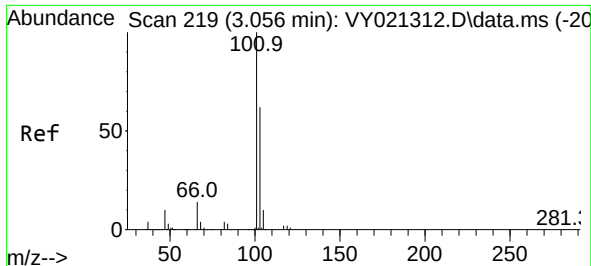
Tgt Ion: 94 Resp: 30476
Ion Ratio Lower Upper
94 100
96 95.1 75.2 112.8



#6
Chloroethane
Concen: 19.908 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 64 Resp: 29673
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

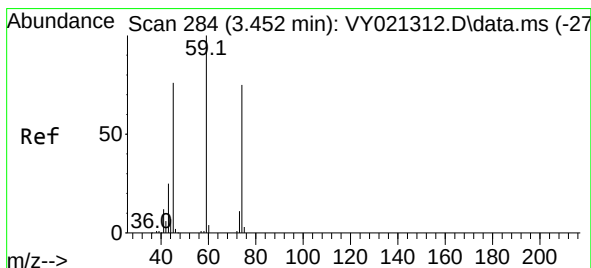
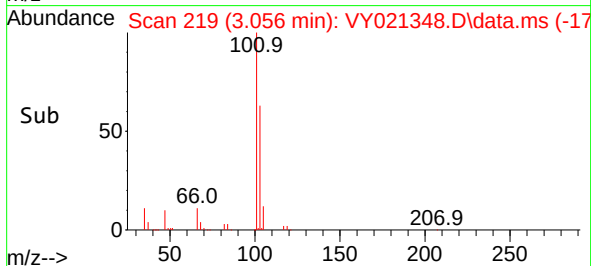
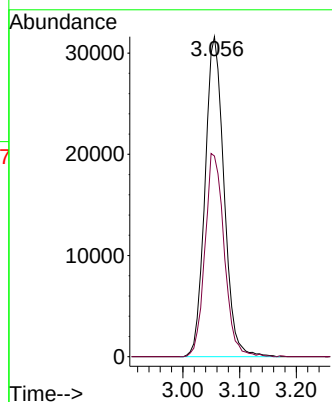
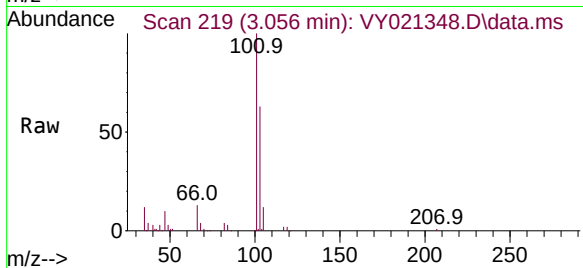




#7
 Trichlorofluoromethane
 Concen: 20.248 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

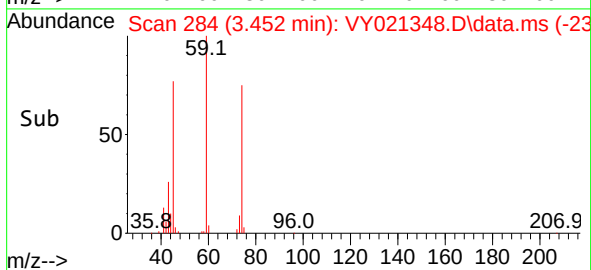
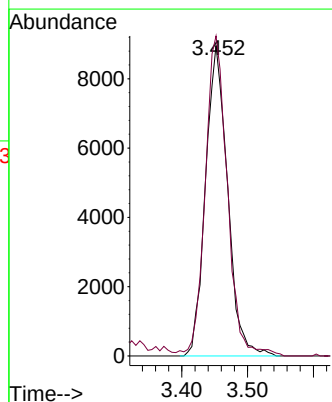
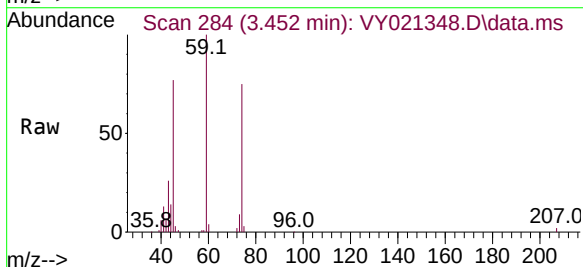
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

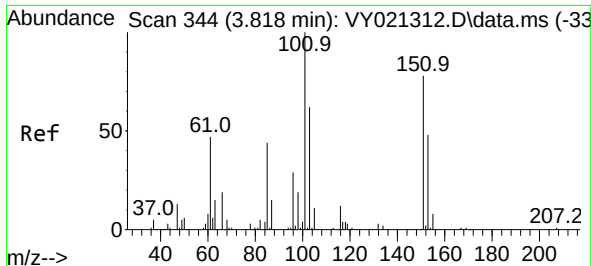
Tgt Ion:101 Resp: 73497
 Ion Ratio Lower Upper
 101 100
 103 62.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 19.199 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

Tgt Ion: 74 Resp: 20917
 Ion Ratio Lower Upper
 74 100
 45 103.5 50.3 150.9

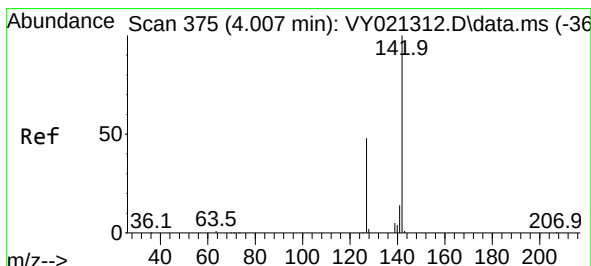
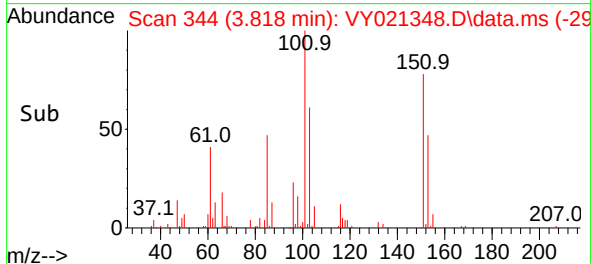
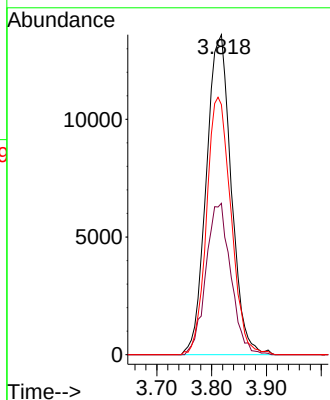
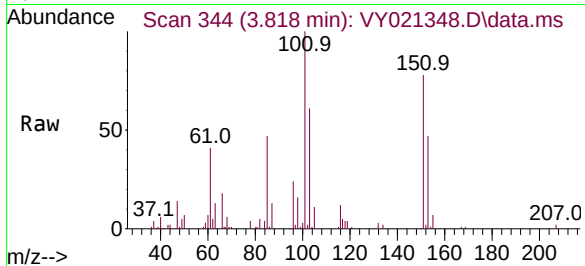




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.431 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

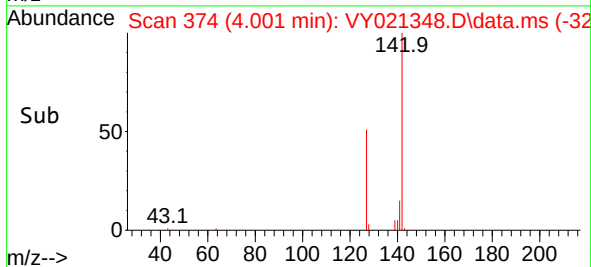
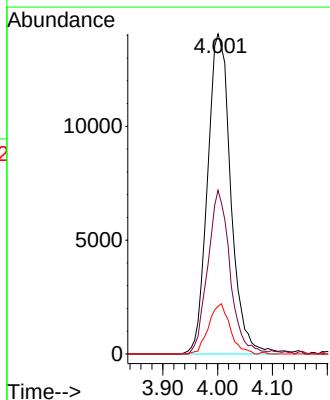
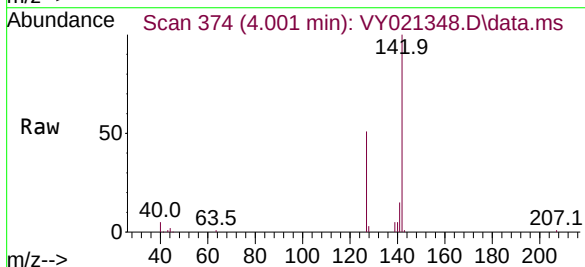
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

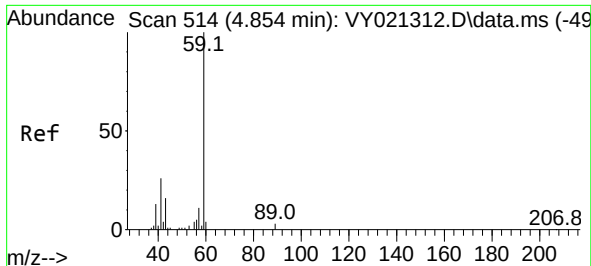
Tgt Ion:101 Resp: 42936
Ion Ratio Lower Upper
101 100
85 47.2 36.7 55.1
151 79.0 62.6 94.0



#10
Methyl Iodide
Concen: 18.746 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:142 Resp: 41447
Ion Ratio Lower Upper
142 100
127 49.0 39.2 58.8
141 14.5 11.4 17.2

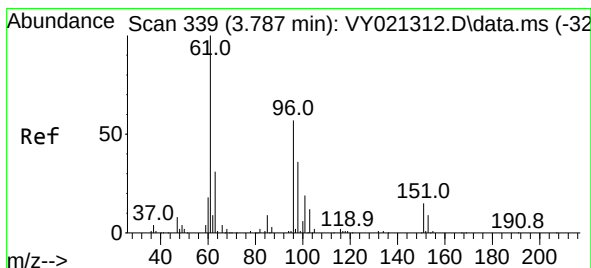
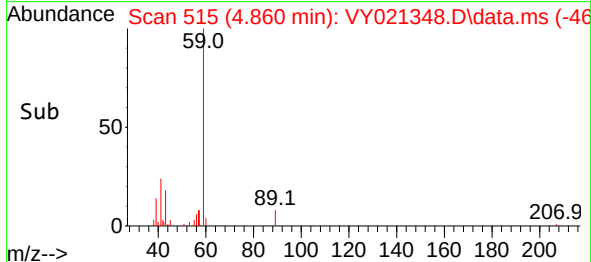
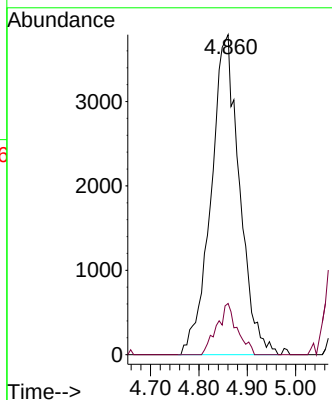
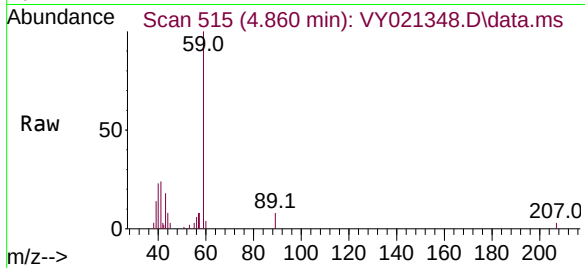




#11
Tert butyl alcohol
Concen: 88.893 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

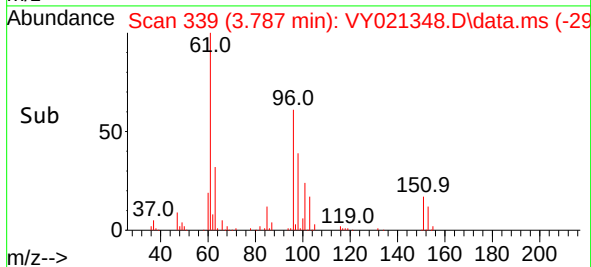
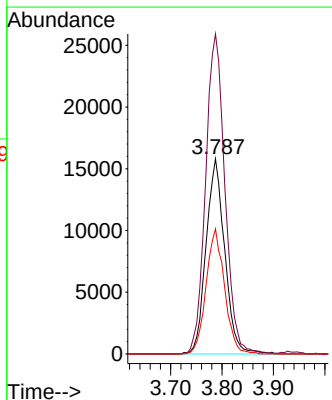
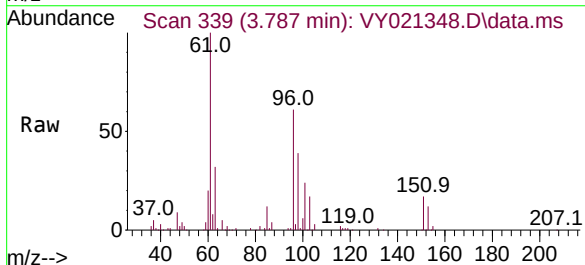
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

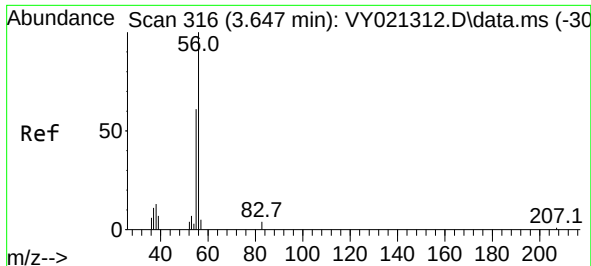
Tgt Ion: 59 Resp: 15512
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.872 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 96 Resp: 39988
Ion Ratio Lower Upper
96 100
61 164.0 139.7 209.5
98 64.1 49.7 74.5

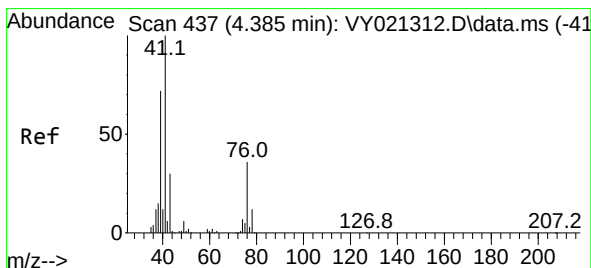
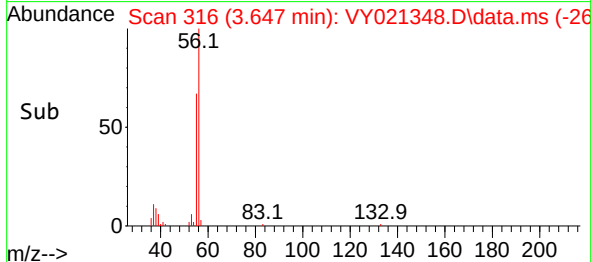
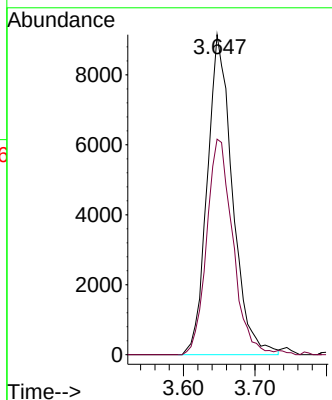
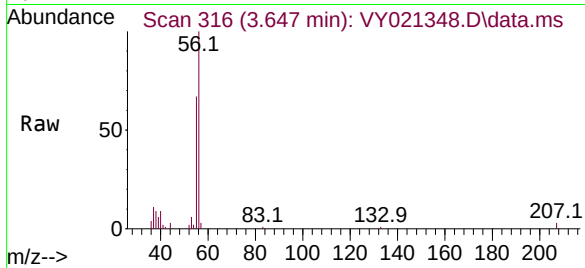




#13
Acrolein
Concen: 167.586 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

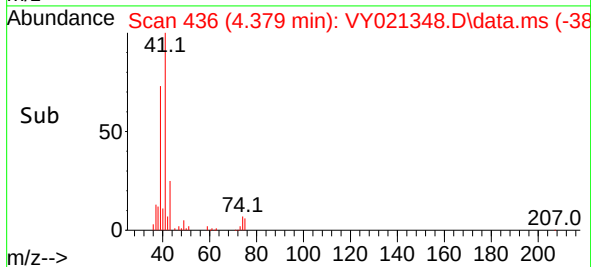
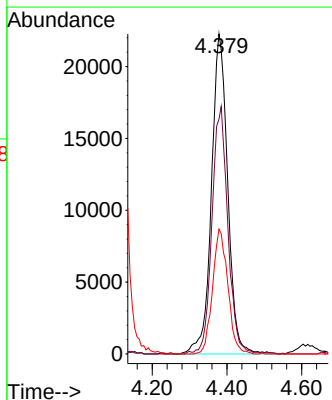
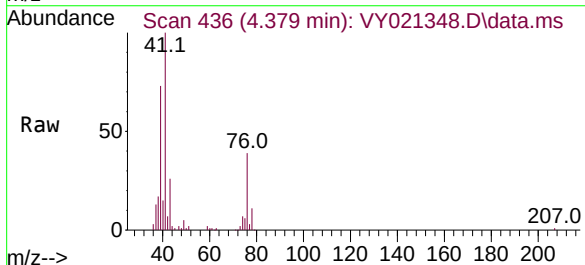
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

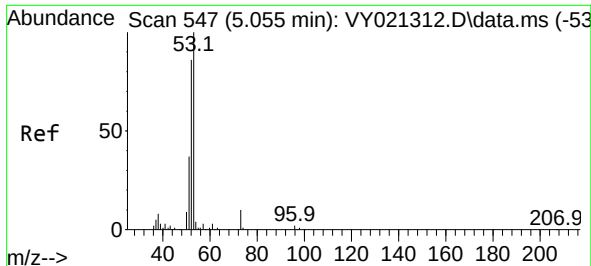
Tgt Ion: 56 Resp: 22410
Ion Ratio Lower Upper
56 100
55 69.6 59.0 88.6



#14
Allyl chloride
Concen: 18.861 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 41 Resp: 67291
Ion Ratio Lower Upper
41 100
39 75.4 60.0 90.0
76 36.6 29.0 43.6

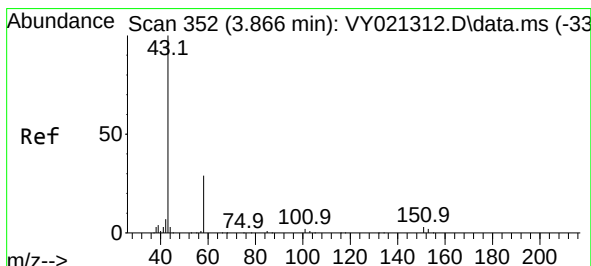
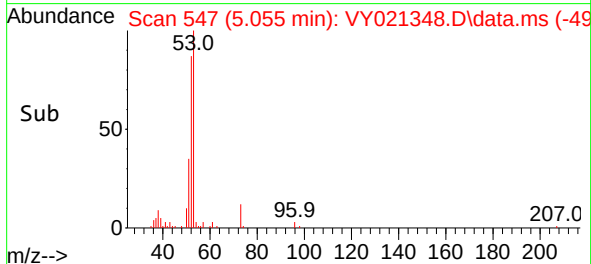
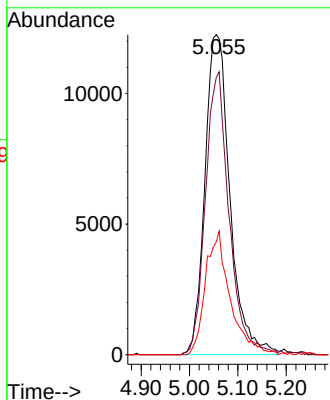
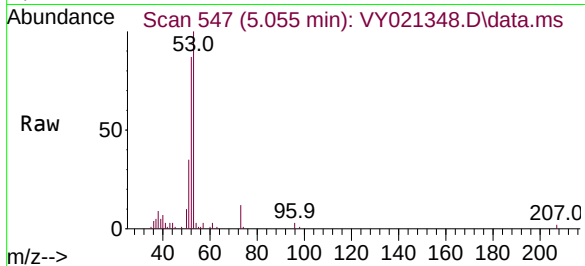




#15
Acrylonitrile
Concen: 91.694 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

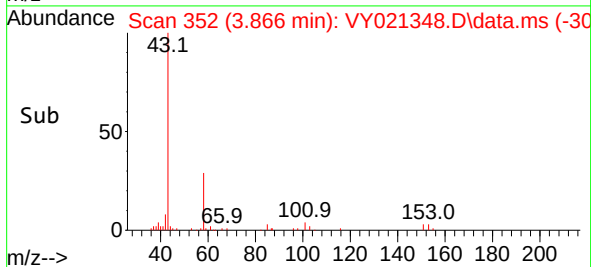
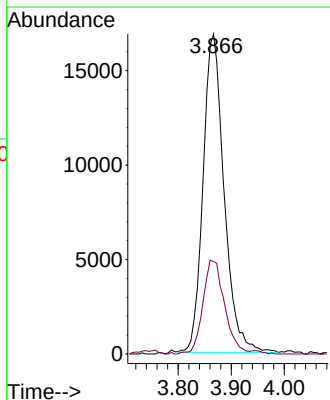
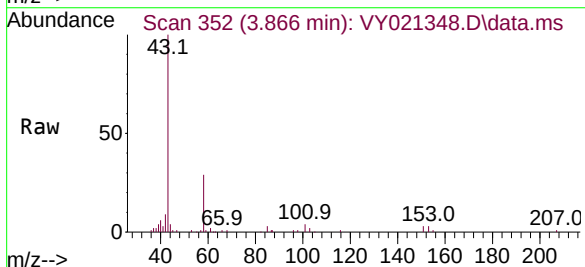
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

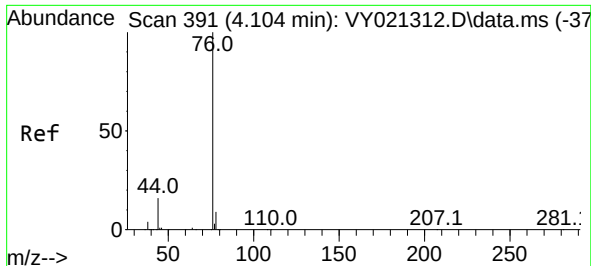
Tgt Ion: 53	Resp:	44168
Ion	Ratio	Lower Upper
53	100	
52	83.6	65.5 98.3
51	37.9	30.6 46.0



#16
Acetone
Concen: 106.690 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 43	Resp:	46430
Ion	Ratio	Lower Upper
43	100	
58	29.0	23.5 35.3

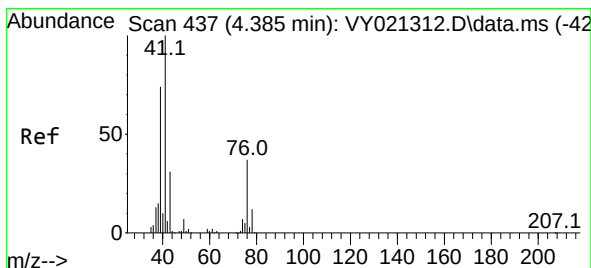
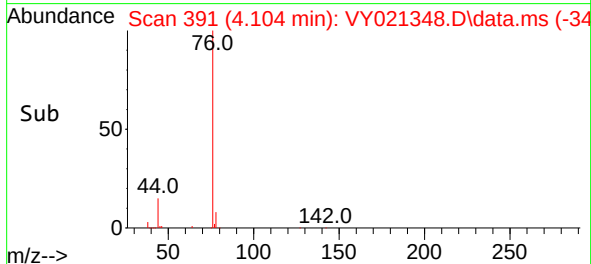
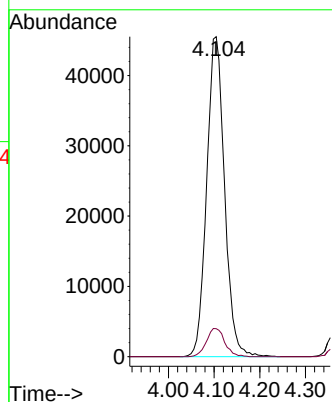
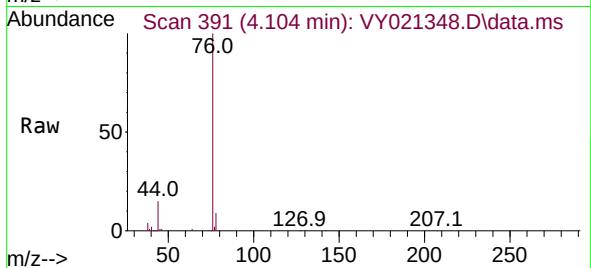




#17
Carbon Disulfide
Concen: 18.493 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

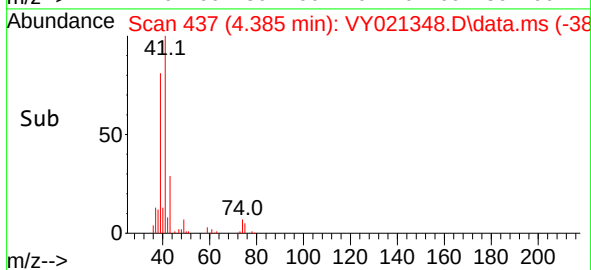
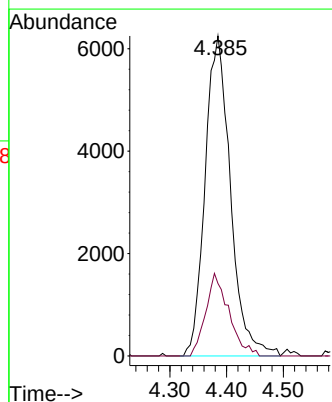
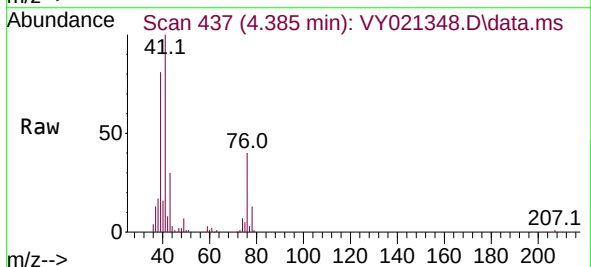
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

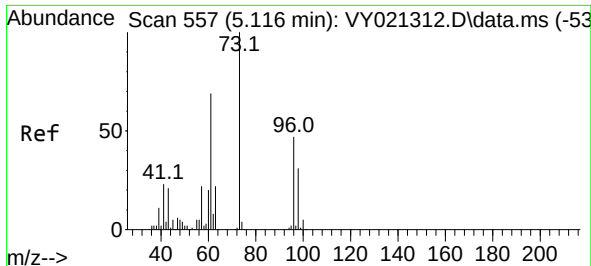
Tgt Ion: 76 Resp: 123567
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 18.253 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 43 Resp: 19413
Ion Ratio Lower Upper
43 100
74 23.6 17.7 26.5

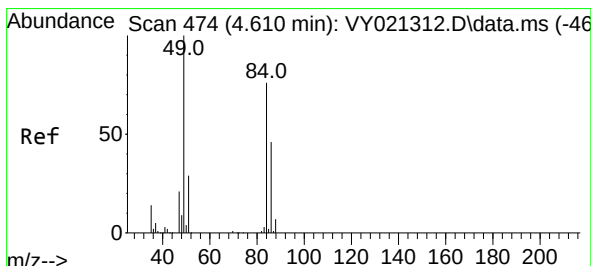
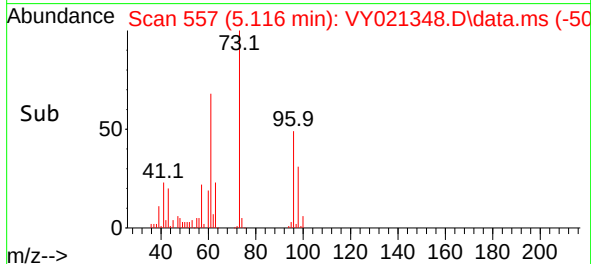
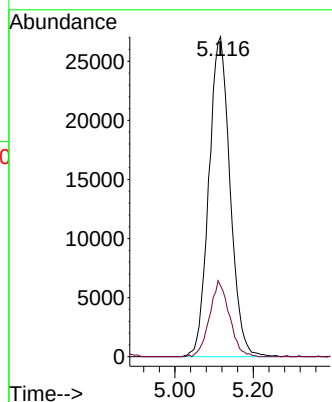
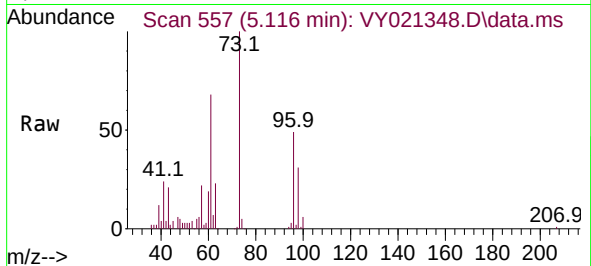




#19
Methyl tert-butyl Ether
Concen: 19.141 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

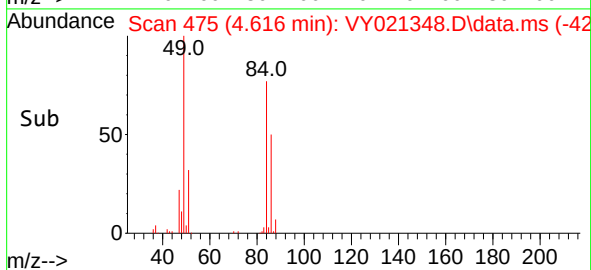
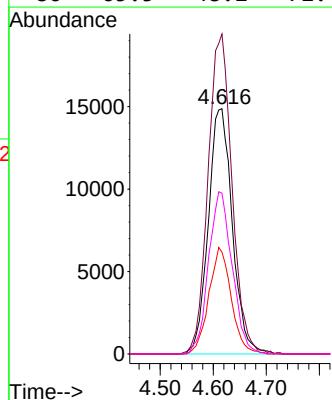
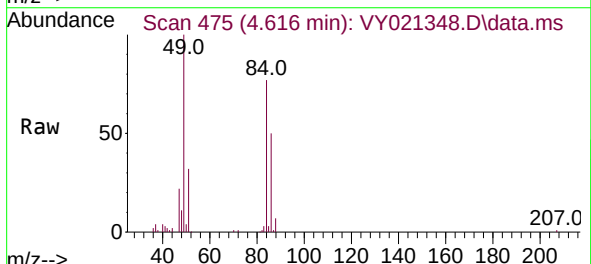
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

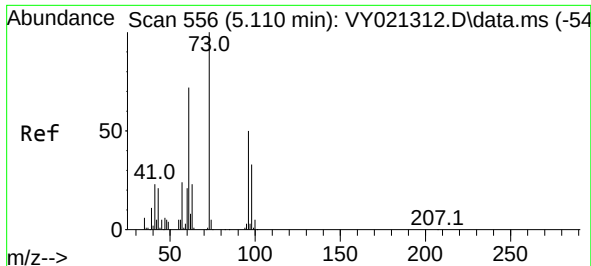
Tgt Ion: 73 Resp: 101763
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 19.898 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 84 Resp: 46825
Ion Ratio Lower Upper
84 100
49 130.5 105.1 157.7
51 41.5 31.0 46.4
86 65.5 48.2 72.4

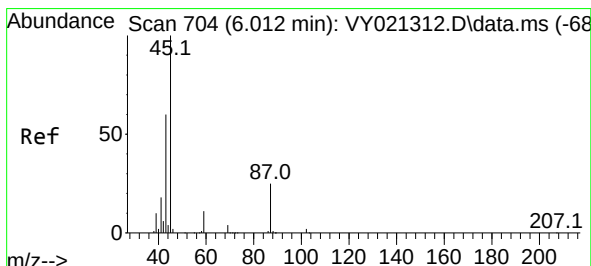
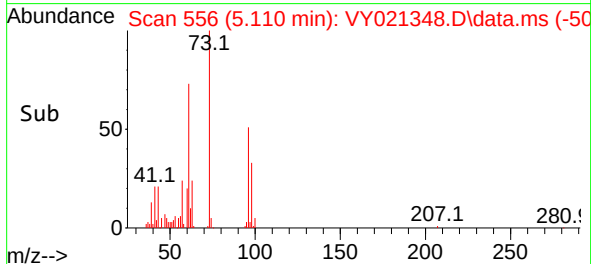
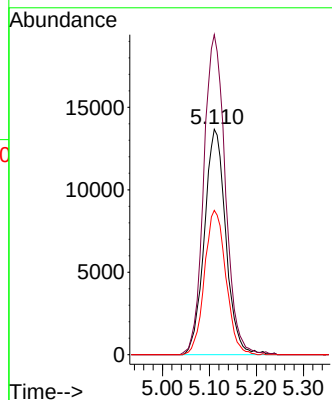
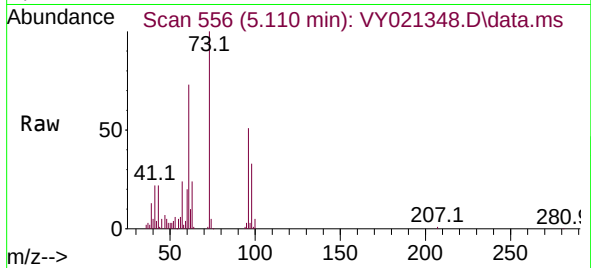




#21
trans-1,2-Dichloroethene
Concen: 19.580 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

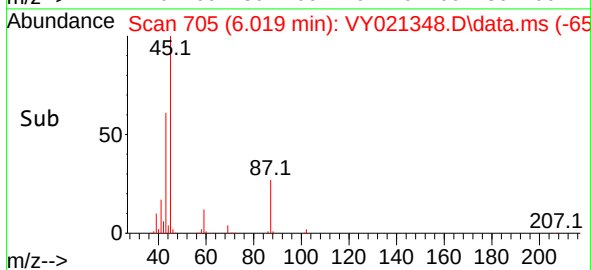
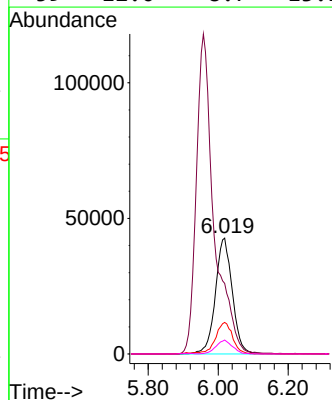
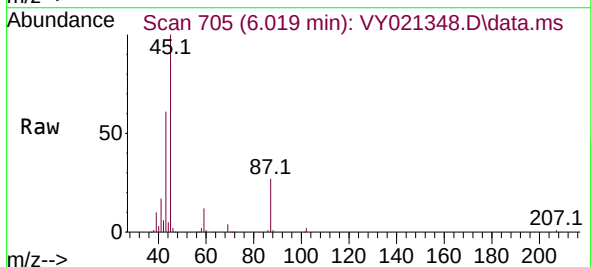
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

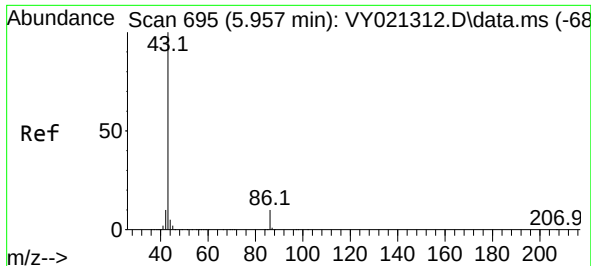
Tgt Ion: 96 Resp: 43373
Ion Ratio Lower Upper
96 100
61 141.9 116.3 174.5
98 64.0 52.6 78.8



#22
Diisopropyl ether
Concen: 19.433 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 45 Resp: 143470
Ion Ratio Lower Upper
45 100
43 60.8 48.2 72.4
87 27.2 20.3 30.5
59 12.0 8.7 13.1

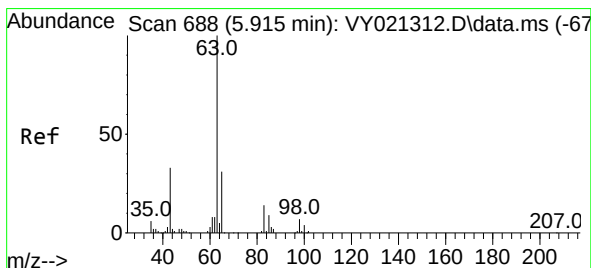
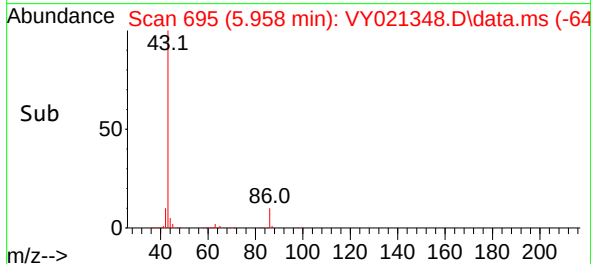
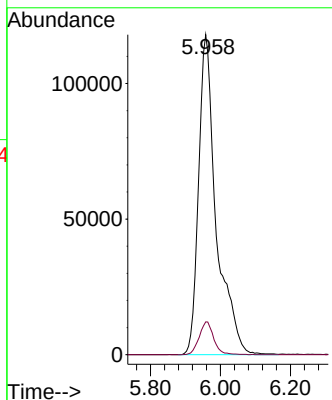
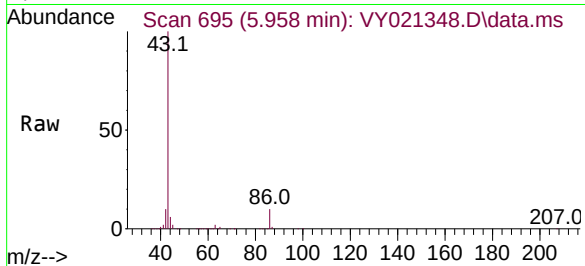




#23
 Vinyl Acetate
 Concen: 93.754 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

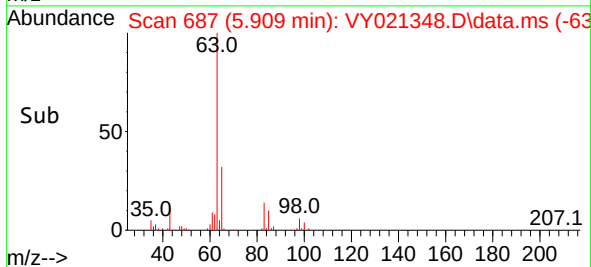
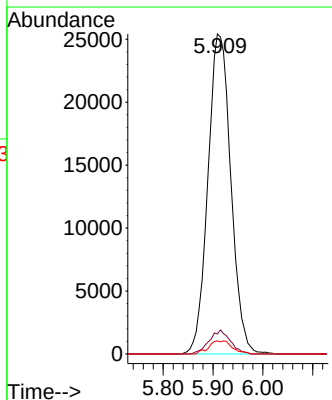
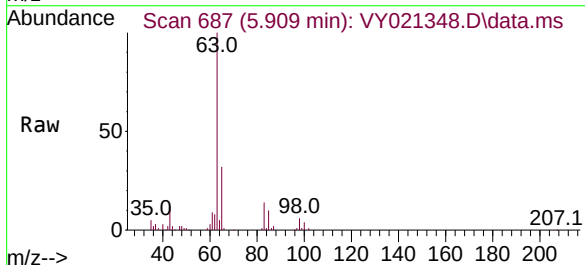
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

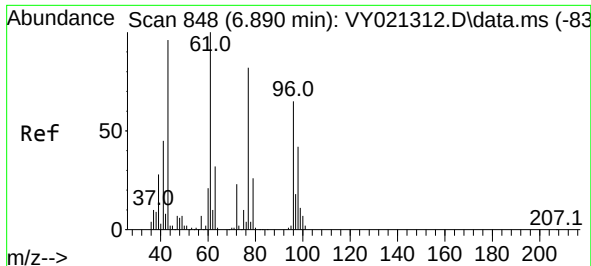
Tgt Ion: 43 Resp: 413611
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.539 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

Tgt Ion: 63 Resp: 81302
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 97.394 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

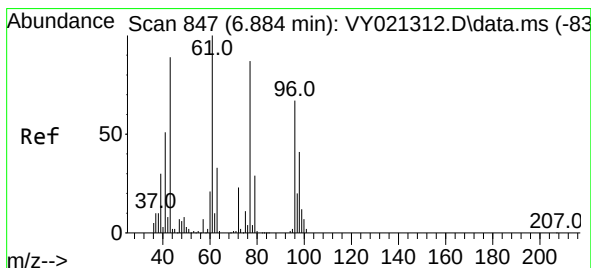
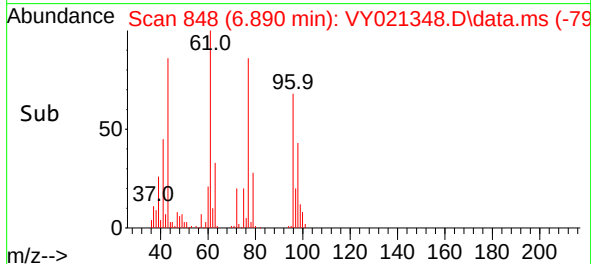
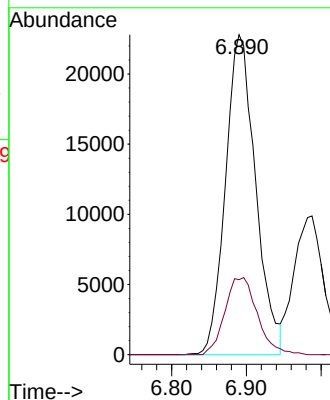
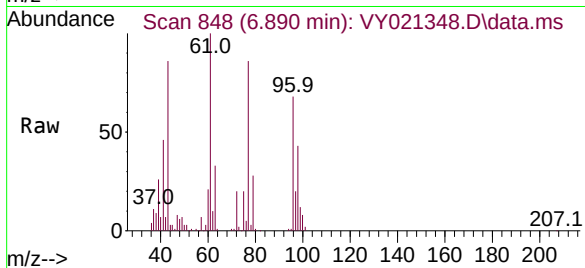
VY0227SBS01

Tgt Ion: 43 Resp: 63968

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.6



#26

2,2-Dichloropropane

Concen: 19.921 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY021348.D

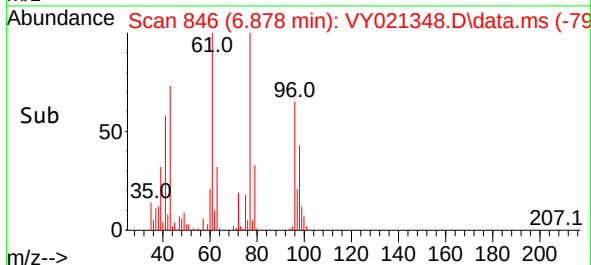
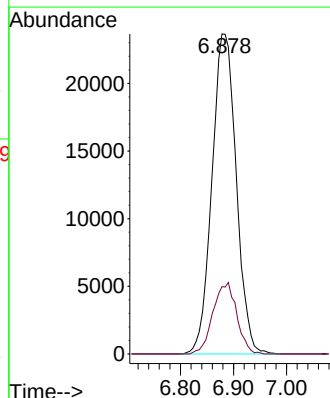
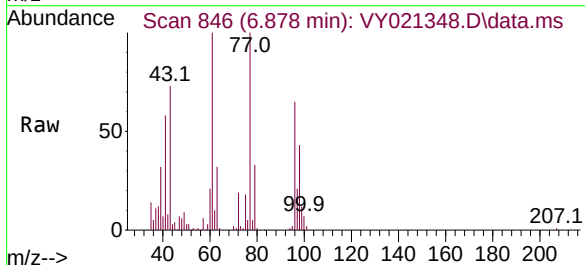
Acq: 27 Feb 2025 11:18

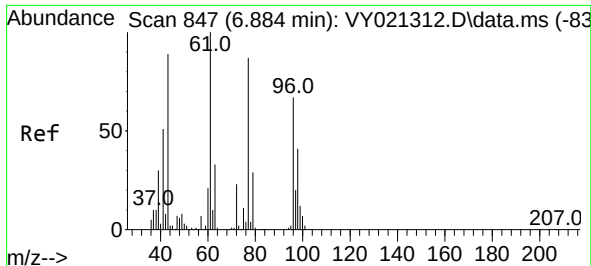
Tgt Ion: 77 Resp: 75215

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 19.490 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

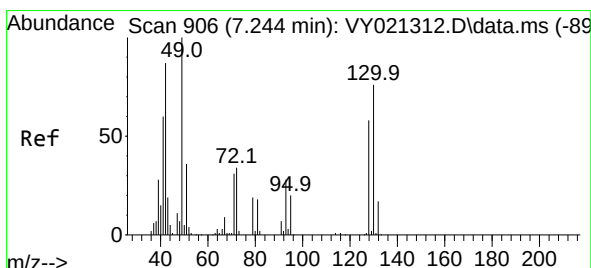
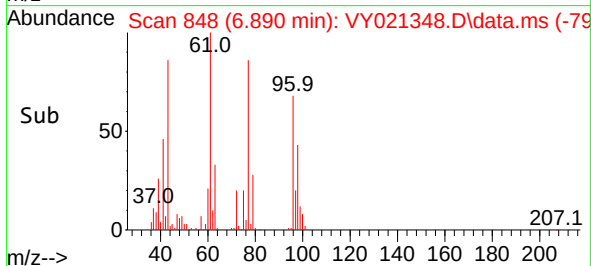
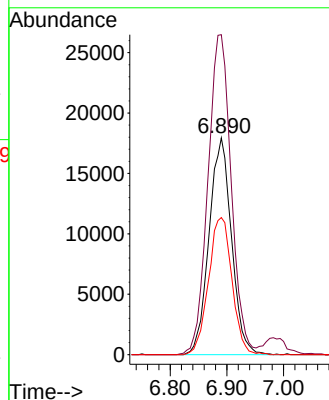
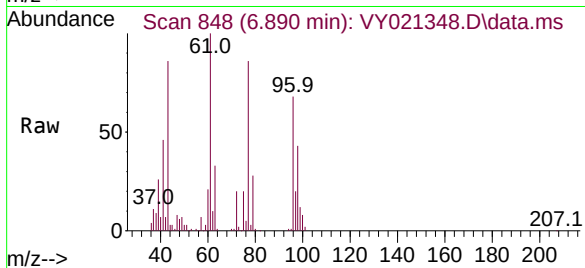
Tgt Ion: 96 Resp: 49301

Ion Ratio Lower Upper

96 100

61 153.2 0.0 308.0

98 66.1 0.0 129.6



#28

Bromochloromethane

Concen: 18.960 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

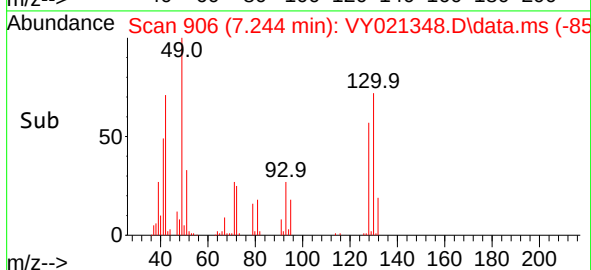
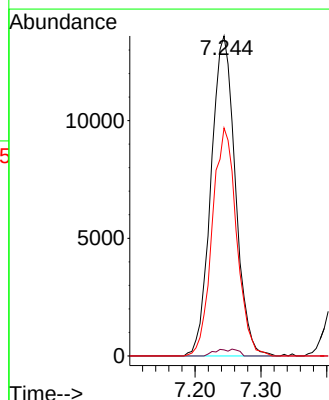
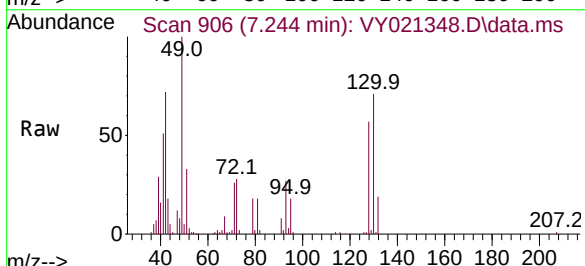
Tgt Ion: 49 Resp: 34908

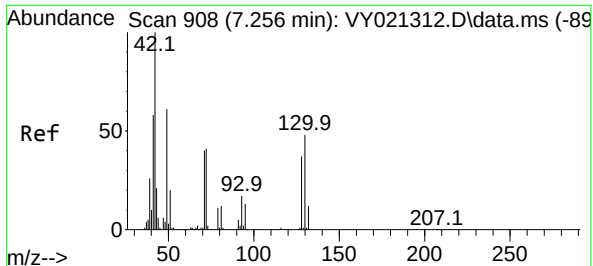
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 71.5 57.8 86.6





#29

Tetrahydrofuran

Concen: 91.797 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

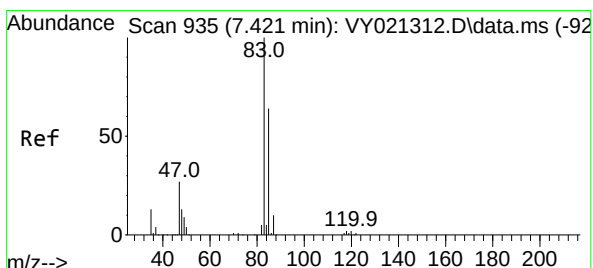
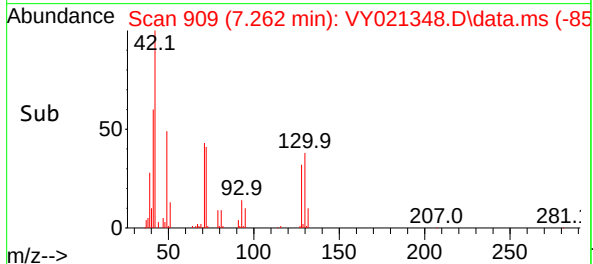
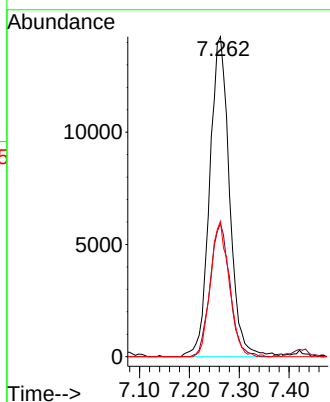
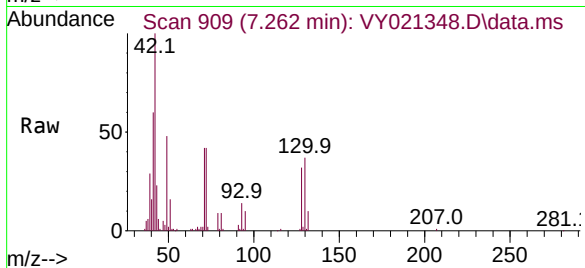
Tgt Ion: 42 Resp: 39410

Ion Ratio Lower Upper

42 100

72 41.2 33.1 49.7

71 40.0 31.4 47.0



#30

Chloroform

Concen: 20.118 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021348.D

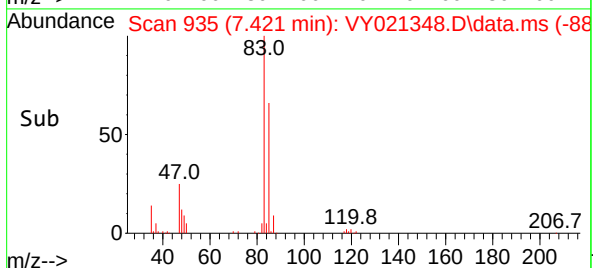
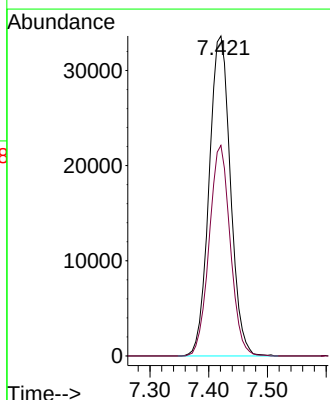
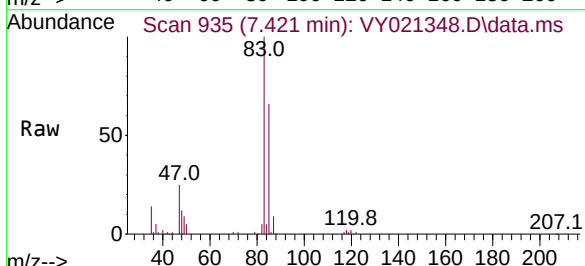
Acq: 27 Feb 2025 11:18

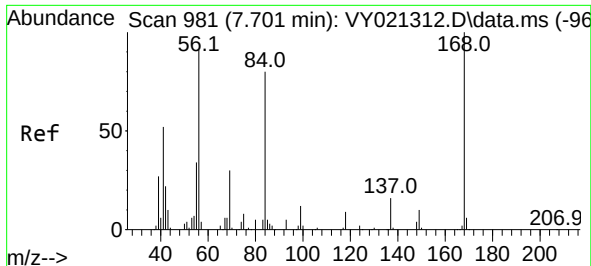
Tgt Ion: 83 Resp: 84823

Ion Ratio Lower Upper

83 100

85 65.8 51.6 77.4

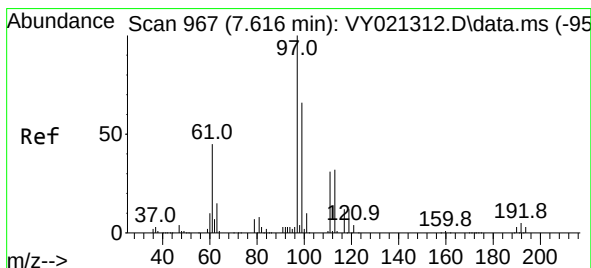
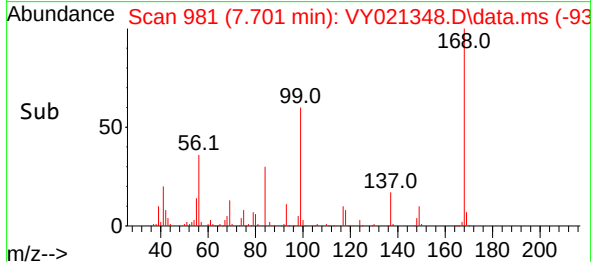
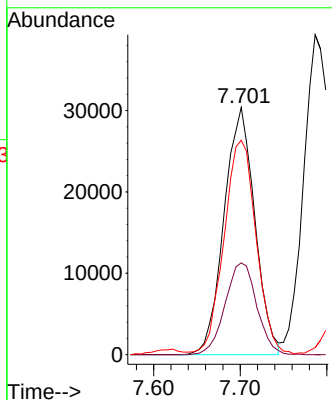
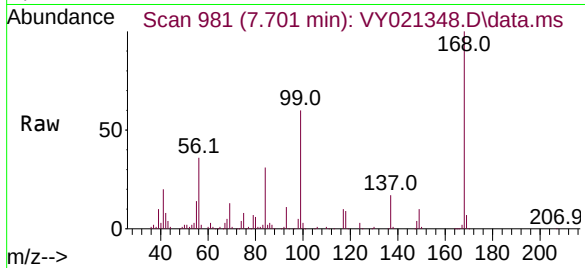




#31
Cyclohexane
Concen: 18.717 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

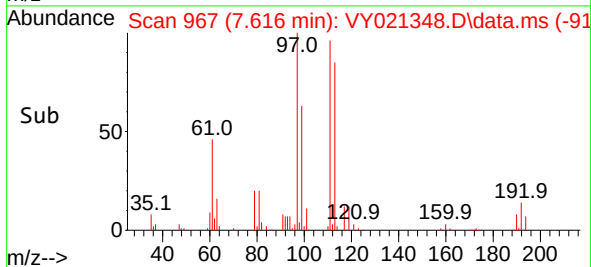
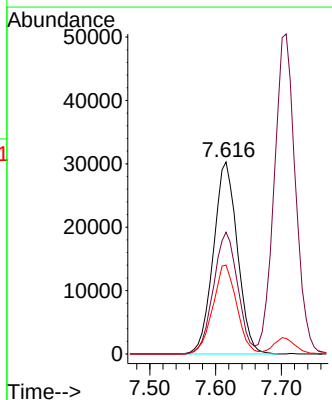
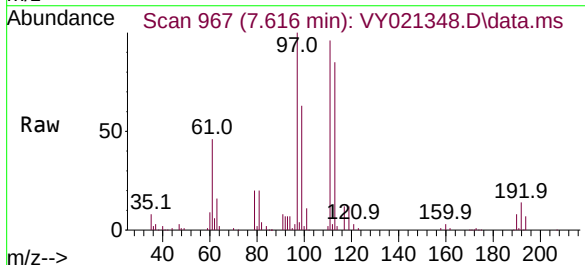
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

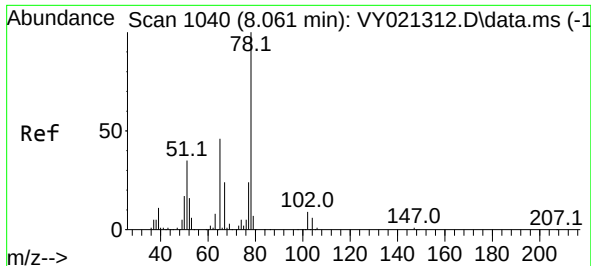
Tgt Ion: 56 Resp: 74866
Ion Ratio Lower Upper
56 100
69 37.2 26.2 39.4
84 85.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 20.024 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 97 Resp: 76848
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 46.0 36.2 54.2

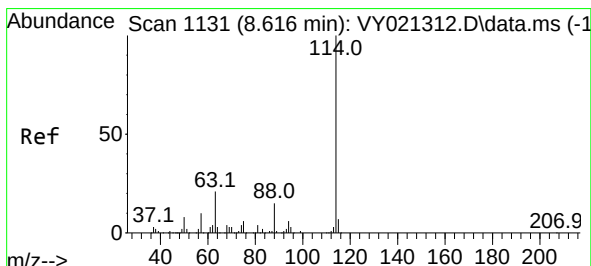
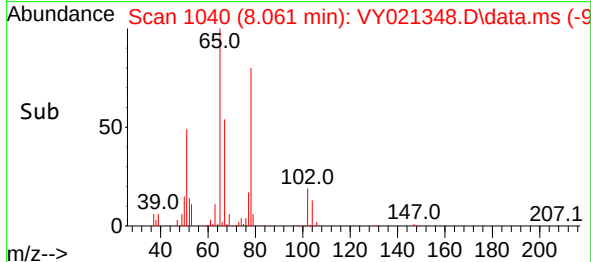
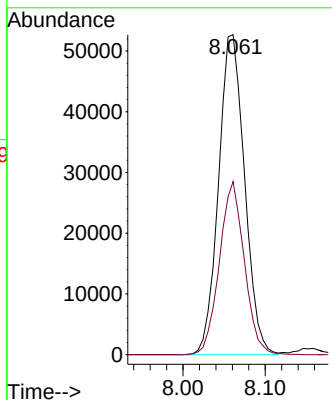
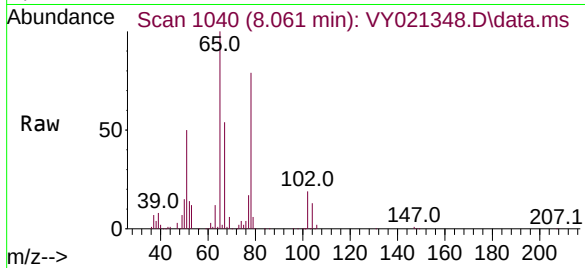




#33
 1,2-Dichloroethane-d4
 Concen: 51.143 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

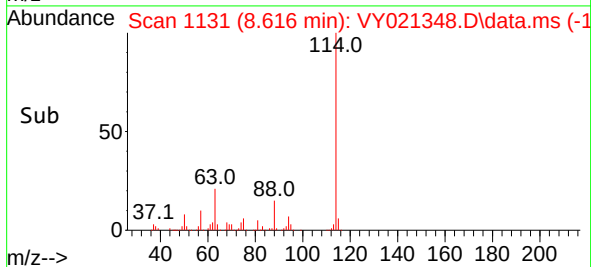
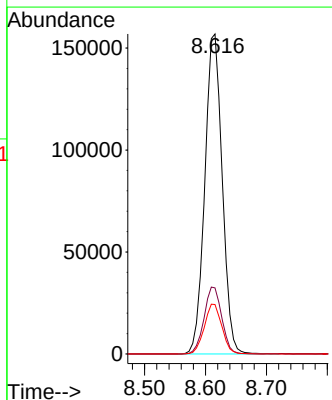
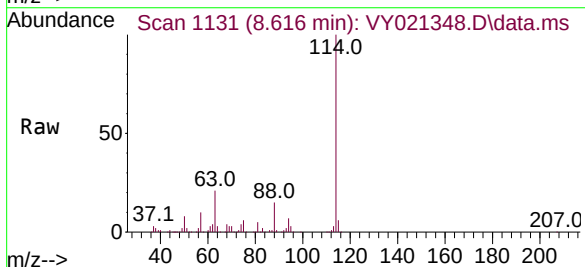
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

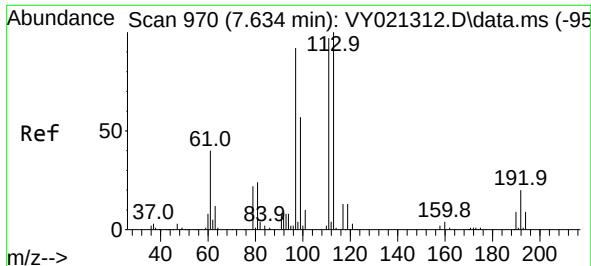
Tgt Ion: 65 Resp: 116027
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

Tgt Ion: 114 Resp: 311959
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.2
 88 15.4 0.0 29.8

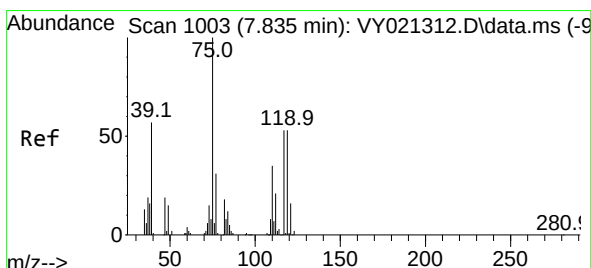
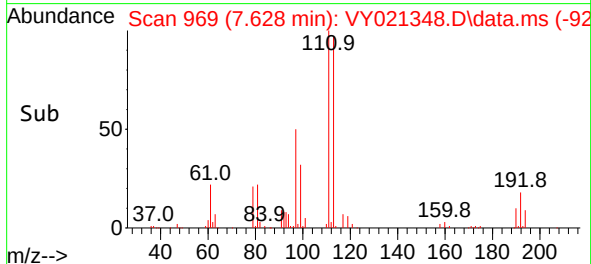
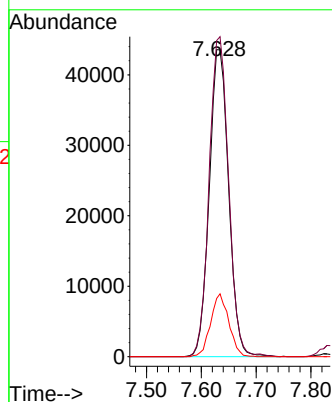
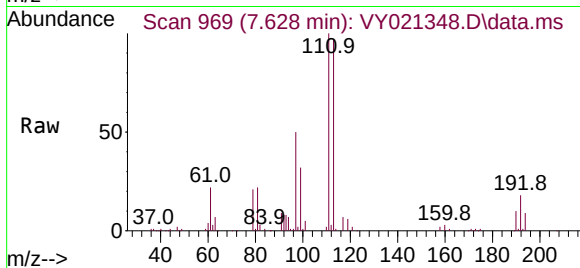




#35
Dibromofluoromethane
Concen: 52.252 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

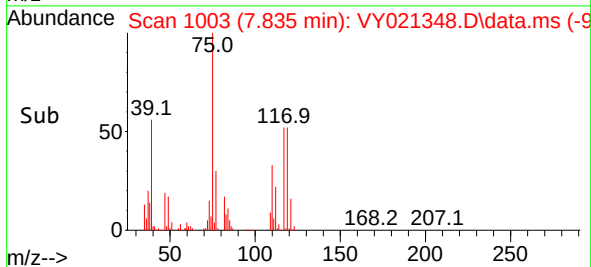
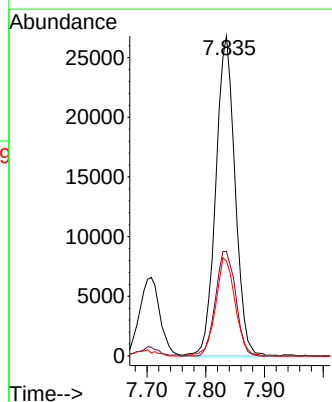
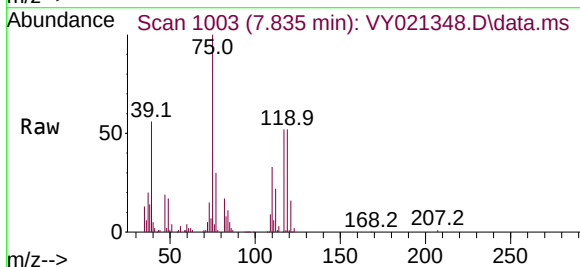
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

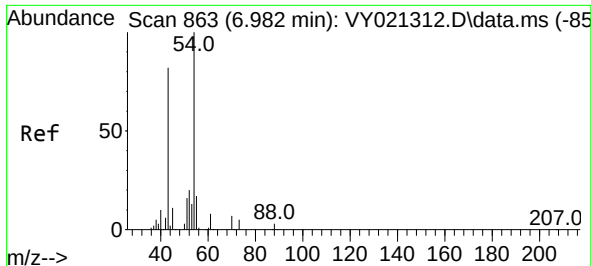
Tgt Ion:113 Resp: 106867
Ion Ratio Lower Upper
113 100
111 104.3 81.0 121.6
192 19.2 15.8 23.8



#36
1,1-Dichloropropene
Concen: 19.846 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 75 Resp: 60971
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 18.344 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

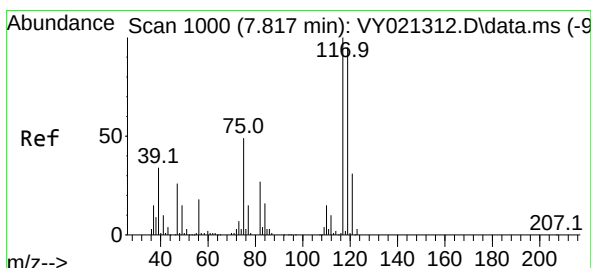
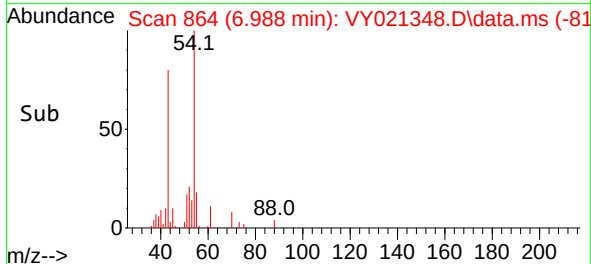
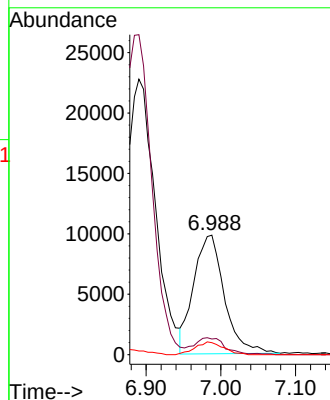
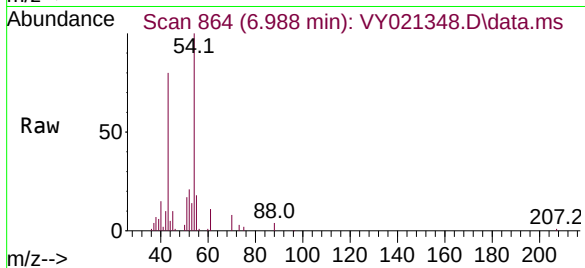
Tgt Ion: 43 Resp: 28033

Ion Ratio Lower Upper

43 100

61 14.4 10.4 15.6

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 19.927 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

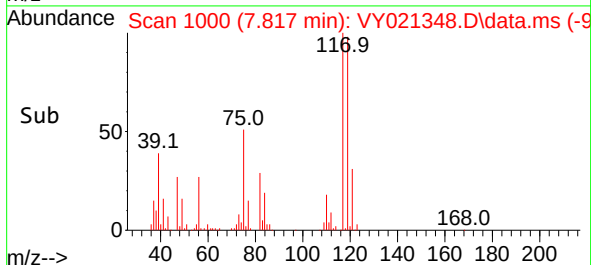
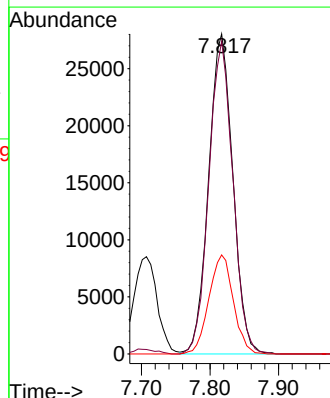
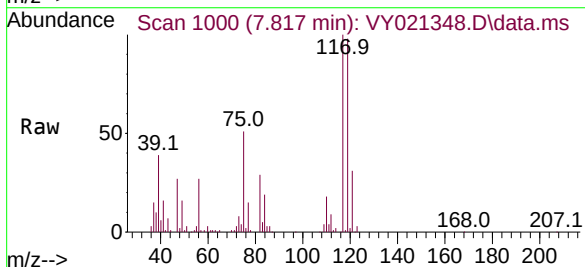
Tgt Ion: 117 Resp: 68822

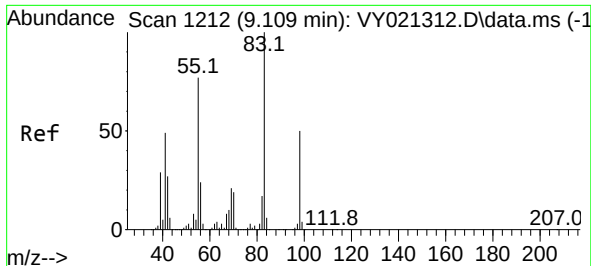
Ion Ratio Lower Upper

117 100

119 97.8 76.0 114.0

121 30.9 24.9 37.3

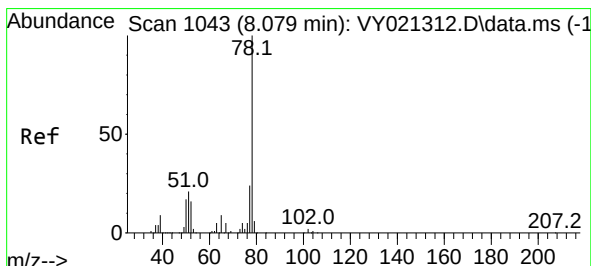
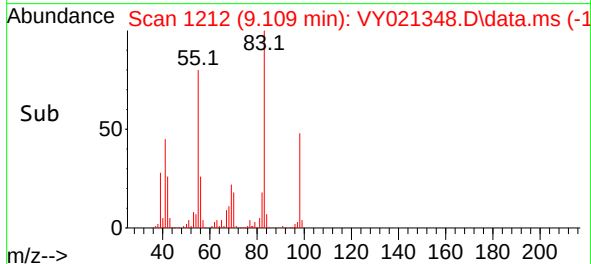
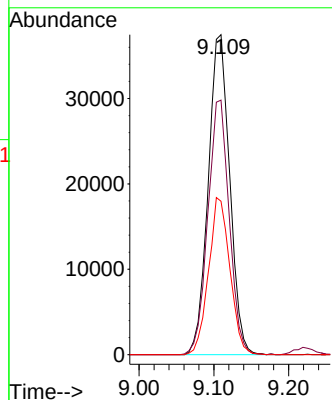
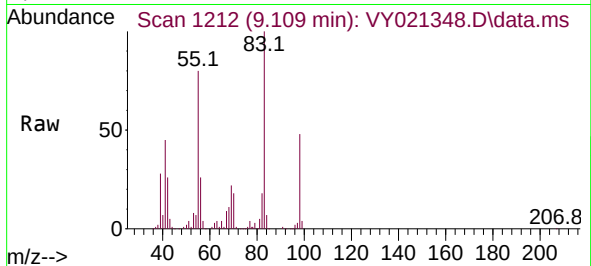




#39
Methylcyclohexane
Concen: 19.261 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

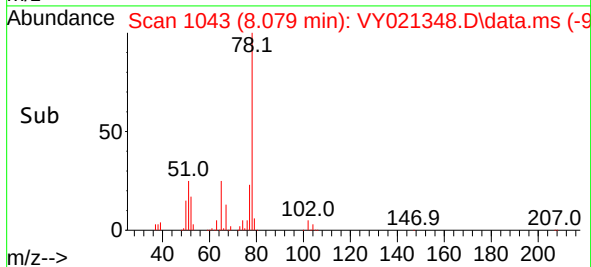
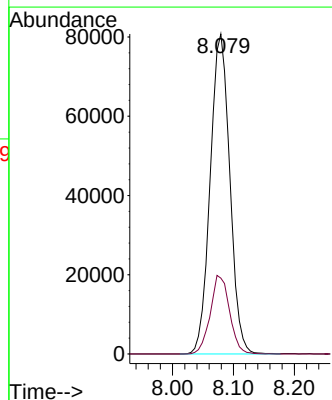
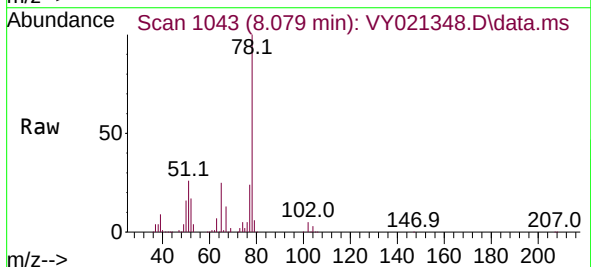
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

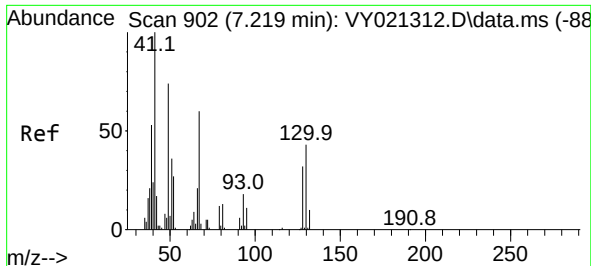
Tgt Ion: 83 Resp: 74844
Ion Ratio Lower Upper
83 100
55 79.5 61.3 91.9
98 48.0 39.9 59.9



#40
Benzene
Concen: 19.891 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 78 Resp: 180639
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8

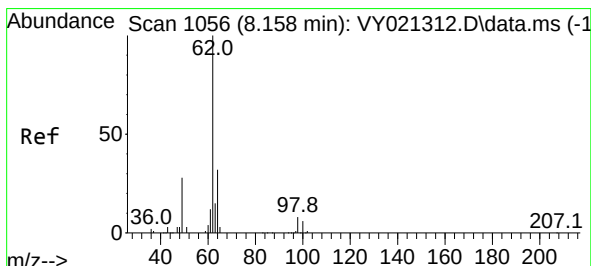
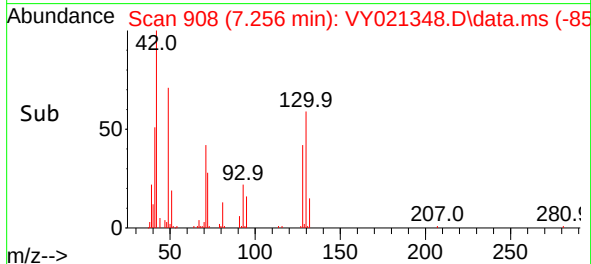
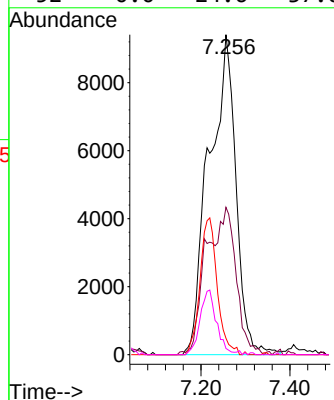
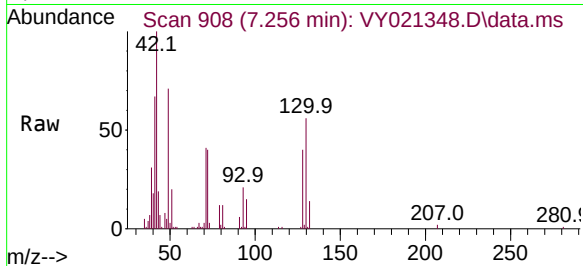




#41
Methacrylonitrile
Concen: 46.108 ug/l
RT: 7.256 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

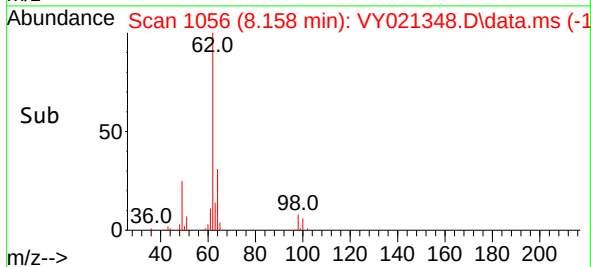
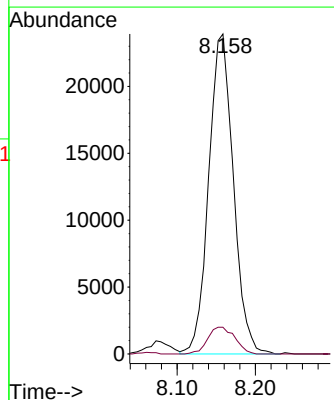
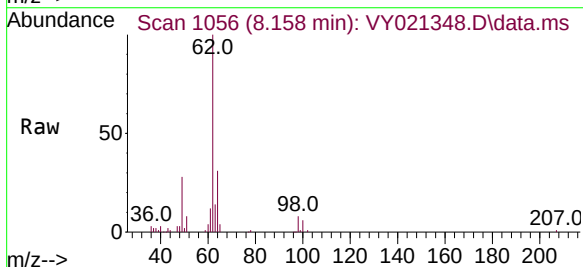
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

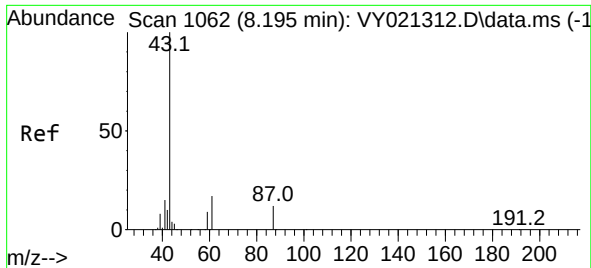
Tgt Ion: 41	Resp: 39396
Ion Ratio	Lower Upper
41 100	
39 27.4	42.3 63.5#
67 0.0	54.8 82.2#
52 0.0	24.6 37.0#



#42
1,2-Dichloroethane
Concen: 20.288 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 62	Resp: 52273
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 17.6

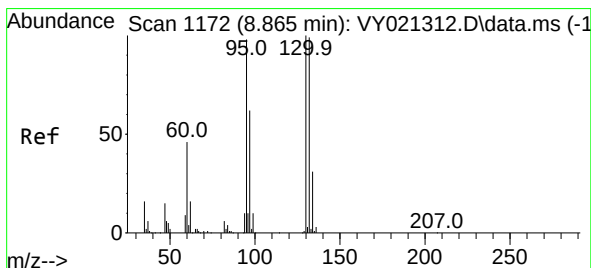
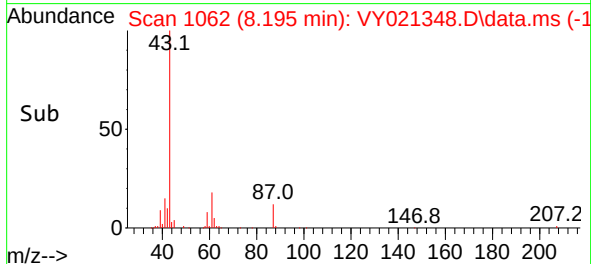
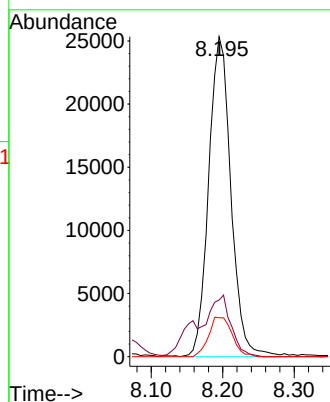
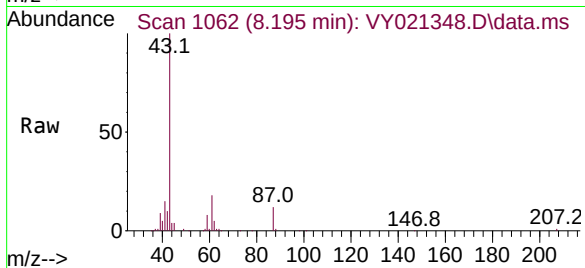




#43
Isopropyl Acetate
Concen: 18.499 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

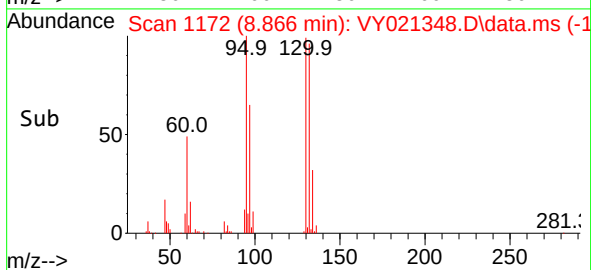
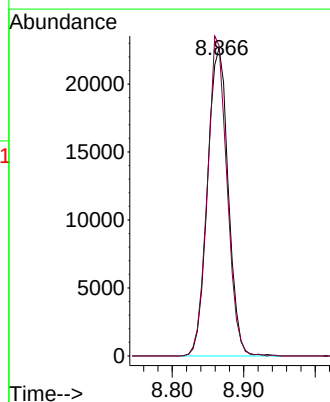
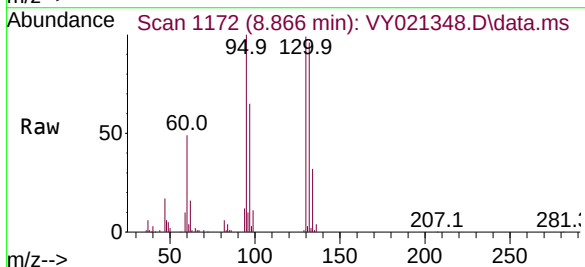
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

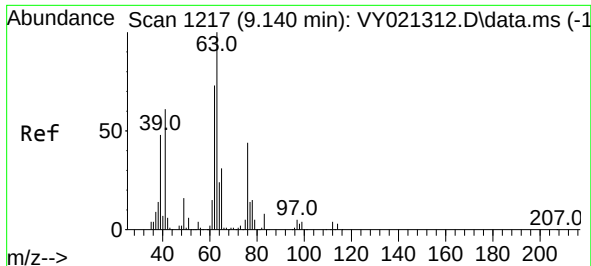
Tgt Ion: 43 Resp: 54717
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 13.0 10.0 15.0



#44
Trichloroethene
Concen: 20.012 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:130 Resp: 45500
Ion Ratio Lower Upper
130 100
95 100.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.796 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

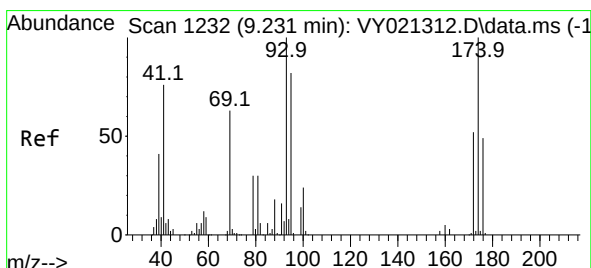
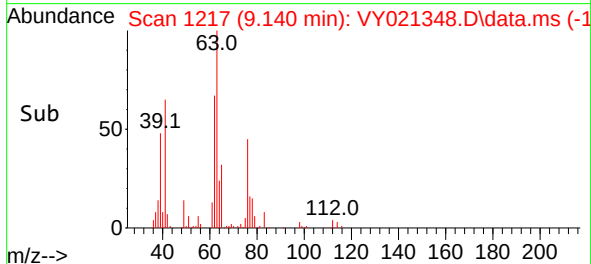
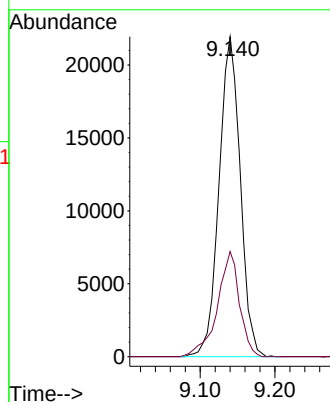
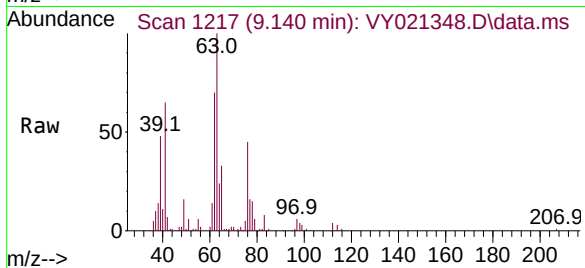
VY0227SBS01

Tgt Ion: 63 Resp: 43265

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#46

Dibromomethane

Concen: 20.039 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

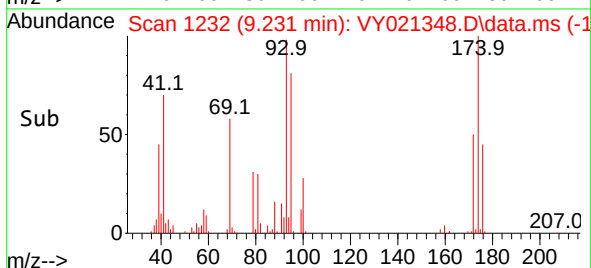
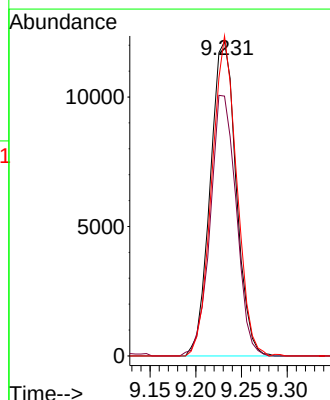
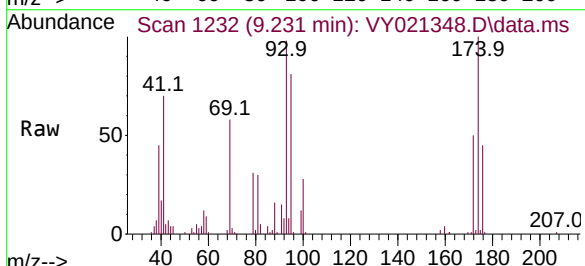
Tgt Ion: 93 Resp: 23940

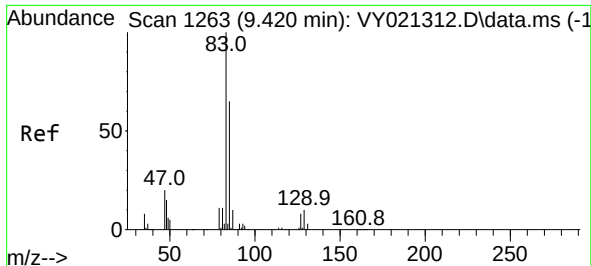
Ion Ratio Lower Upper

93 100

95 82.7 66.4 99.6

174 97.9 78.2 117.2

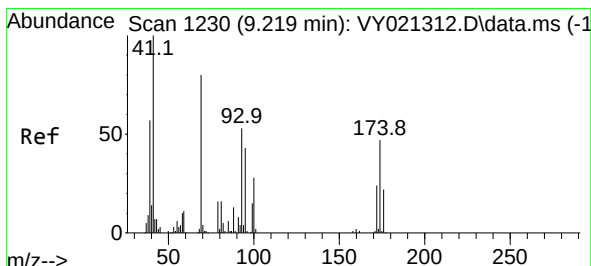
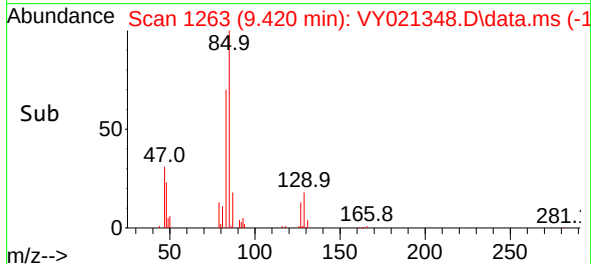
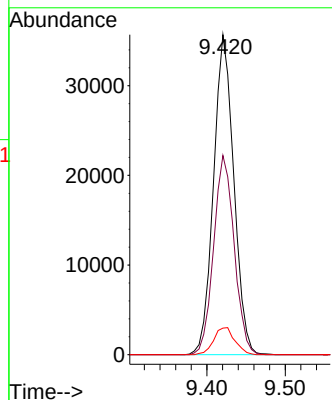
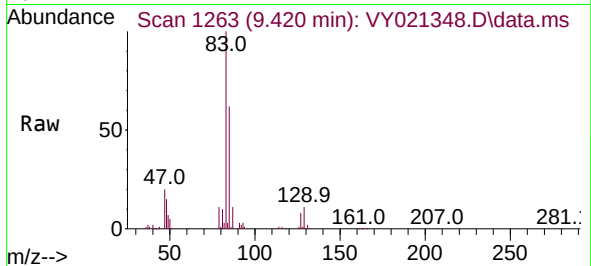




#47
Bromodichloromethane
Concen: 20.164 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

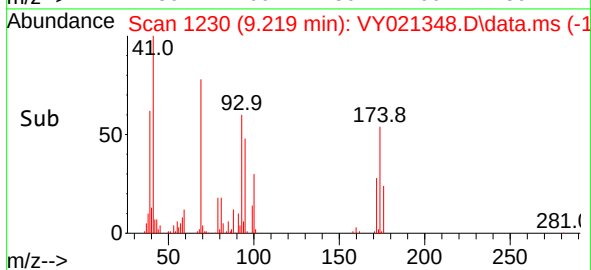
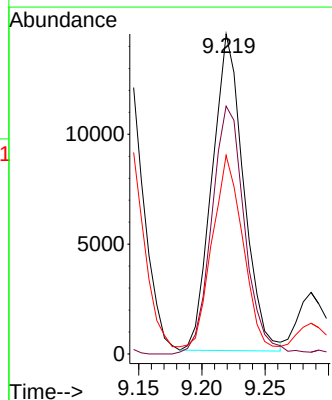
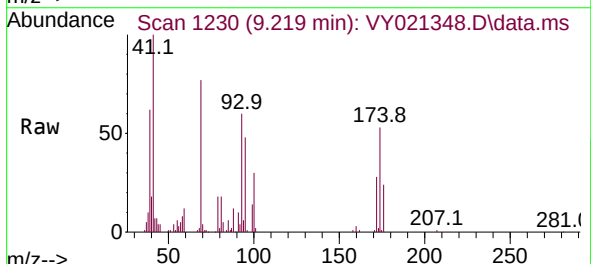
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

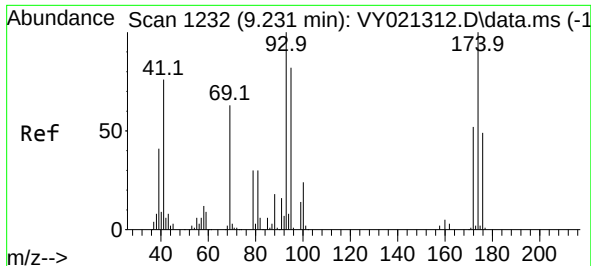
Tgt Ion: 83 Resp: 64230
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 18.041 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 41 Resp: 24954
Ion Ratio Lower Upper
41 100
69 82.0 63.3 94.9
39 58.4 45.0 67.6





#49

1,4-Dioxane

Concen: 375.432 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

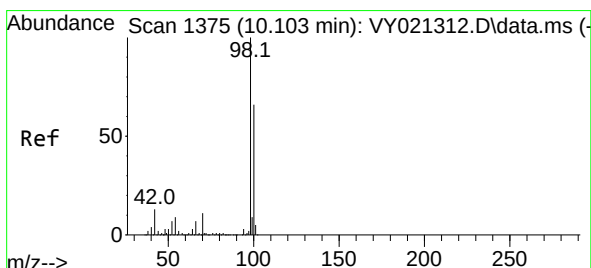
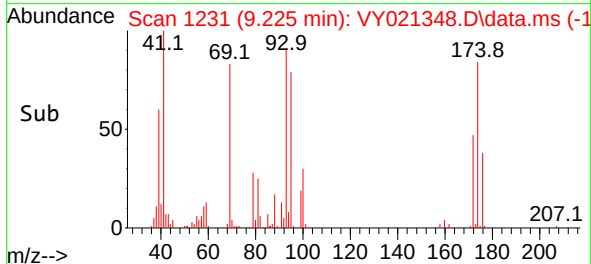
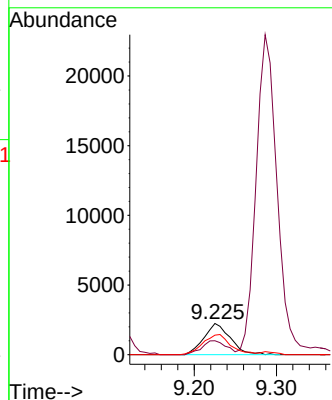
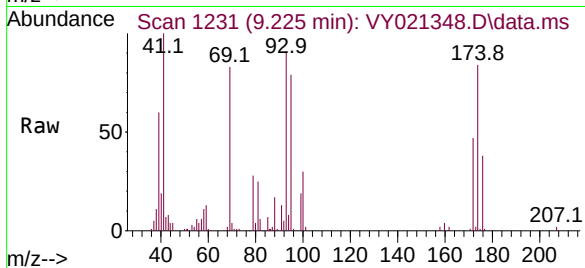
Tgt Ion: 88 Resp: 4987

Ion Ratio Lower Upper

88 100

43 41.5 34.8 52.2

58 67.9 59.8 89.6



#50

Toluene-d8

Concen: 52.334 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021348.D

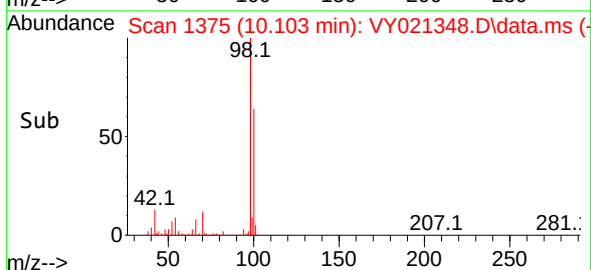
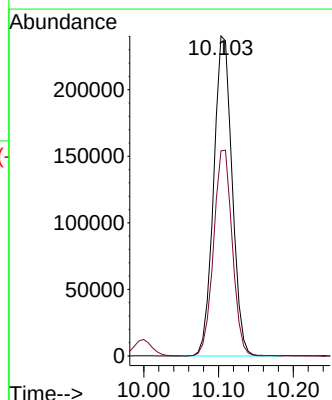
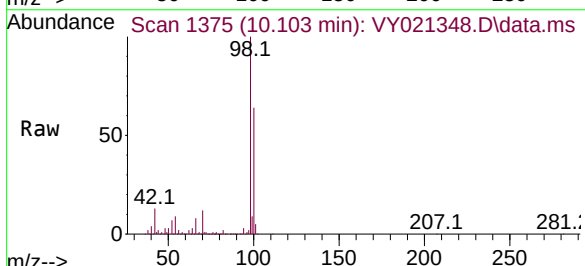
Acq: 27 Feb 2025 11:18

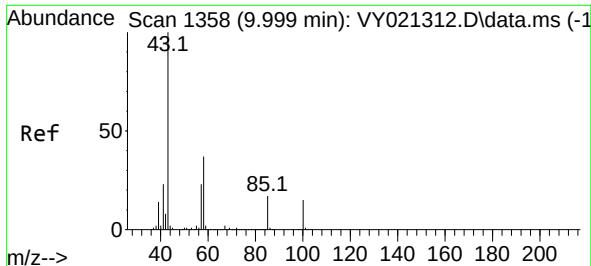
Tgt Ion: 98 Resp: 413664

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6

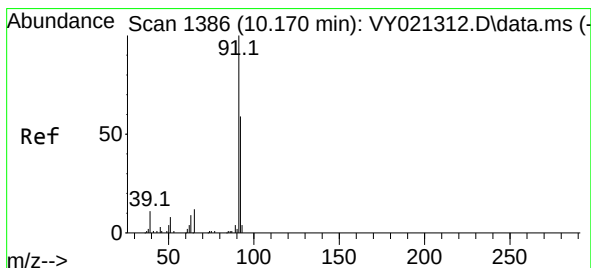
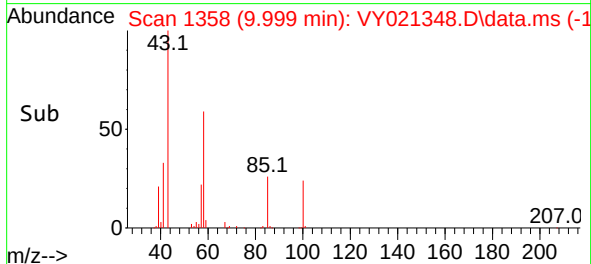
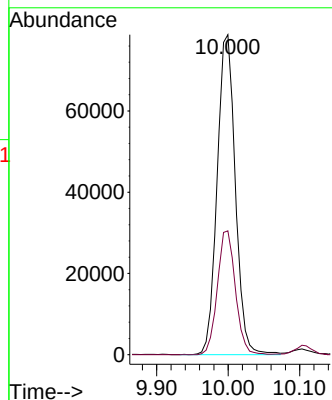
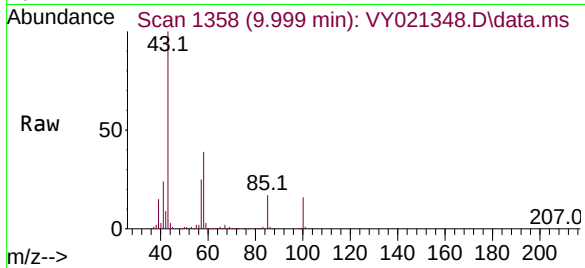




#51
4-Methyl-2-Pentanone
Concen: 91.997 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

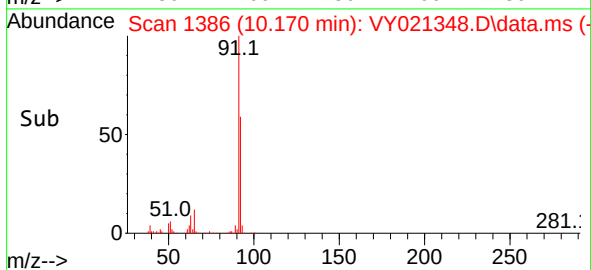
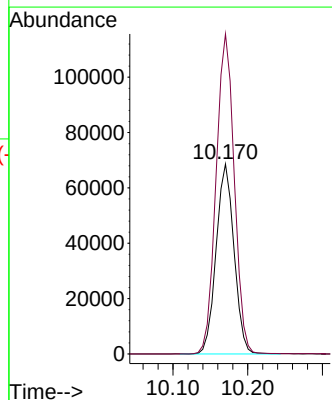
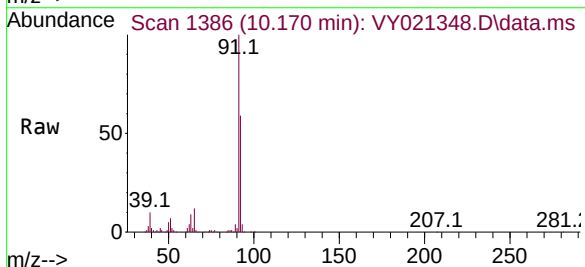
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

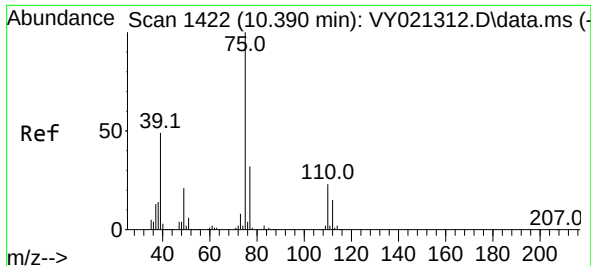
Tgt Ion: 43 Resp: 139296
Ion Ratio Lower Upper
43 100
58 38.4 30.1 45.1



#52
Toluene
Concen: 20.226 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 92 Resp: 114108
Ion Ratio Lower Upper
92 100
91 171.3 137.8 206.8

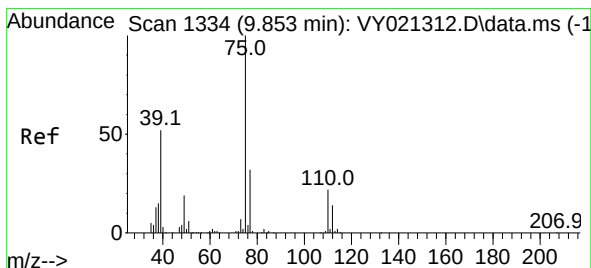
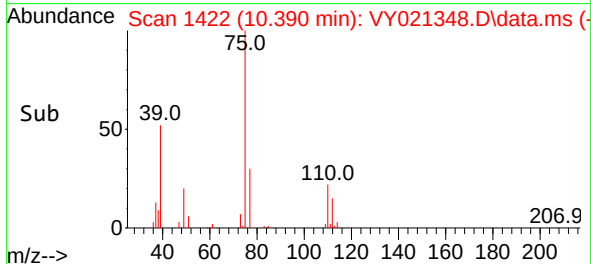
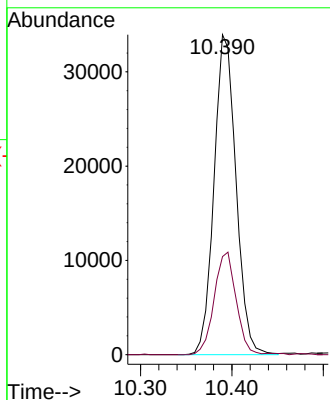
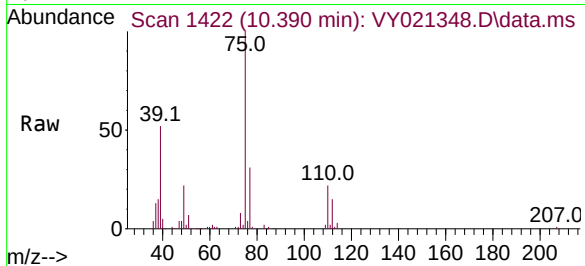




#53
t-1,3-Dichloropropene
Concen: 19.466 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

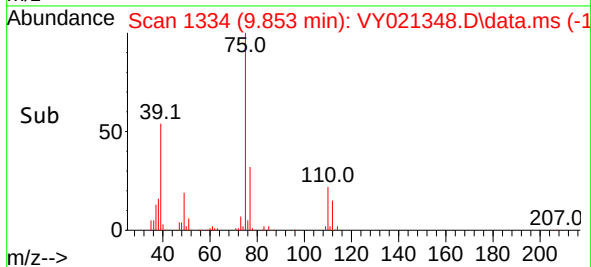
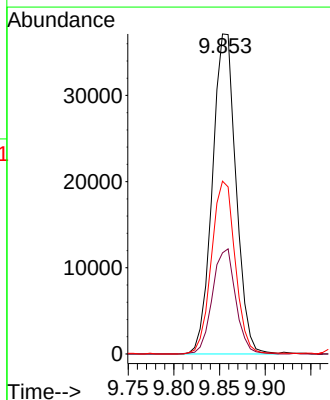
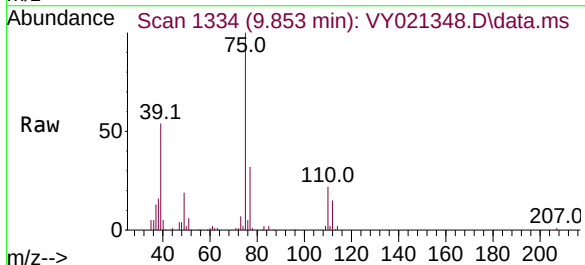
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

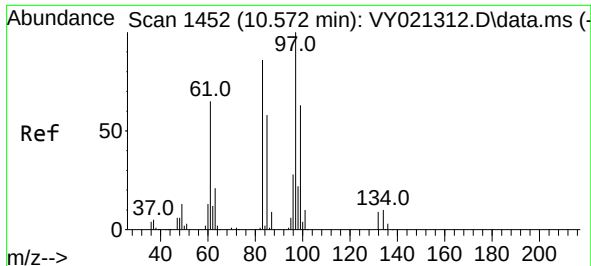
Tgt Ion: 75 Resp: 56809
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.370 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 75 Resp: 66736
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 54.0 41.8 62.6

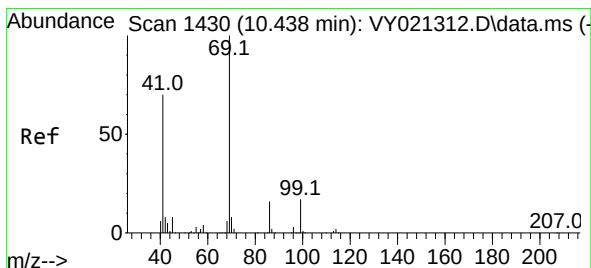
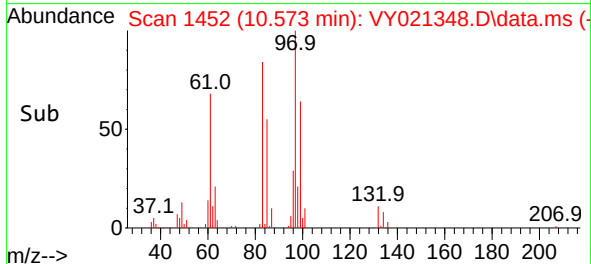
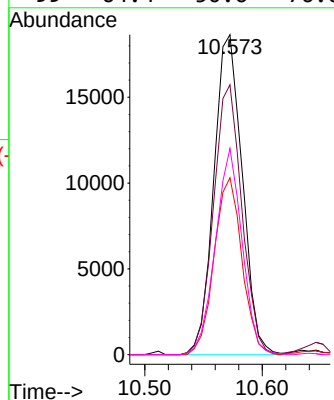
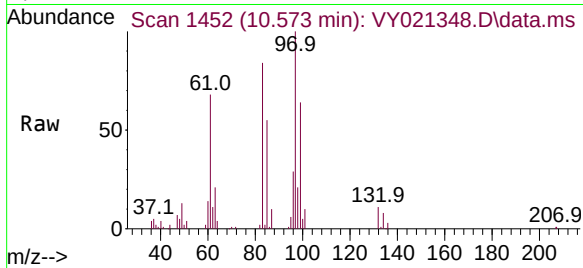




#55
1,1,2-Trichloroethane
Concen: 20.127 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

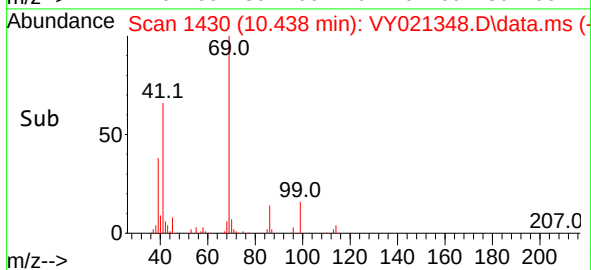
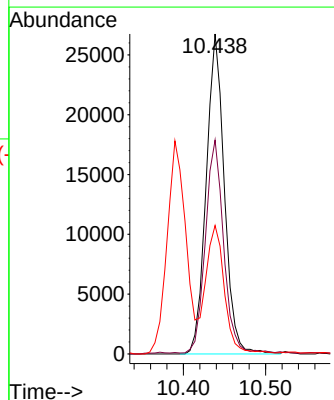
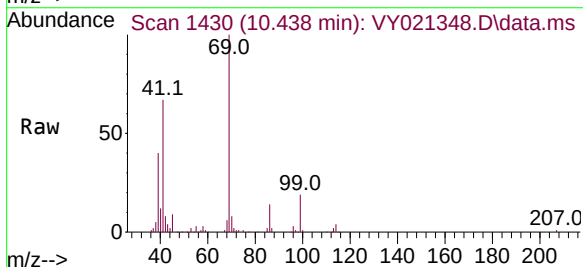
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

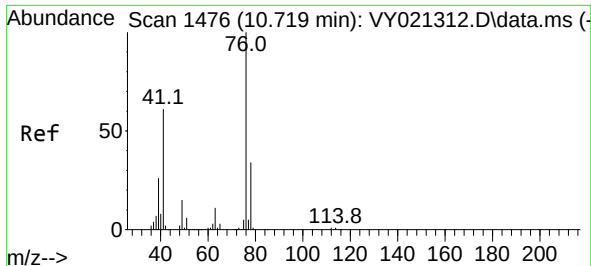
Tgt Ion:	97	Resp:	31323
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.7	103.1
85	55.3	46.3	69.5
99	64.4	50.6	76.0



#56
Ethyl methacrylate
Concen: 19.079 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:	69	Resp:	41028
Ion	Ratio	Lower	Upper
69	100		
41	66.6	56.2	84.4
39	41.4	32.7	49.1





#57

1,3-Dichloropropane

Concen: 20.037 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

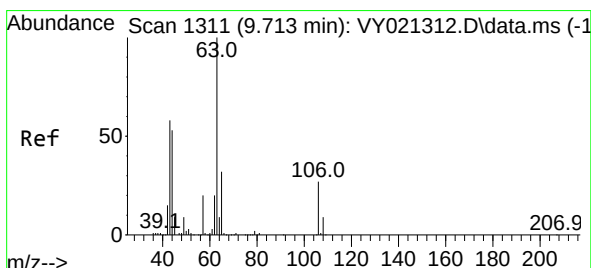
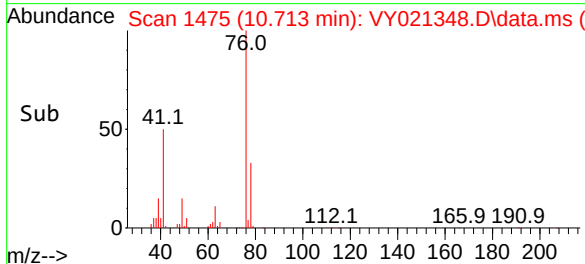
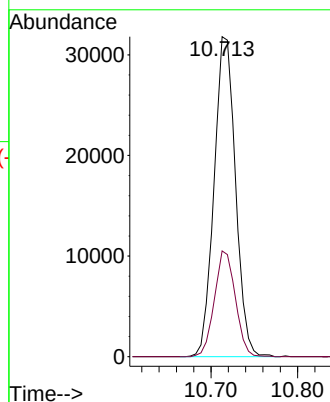
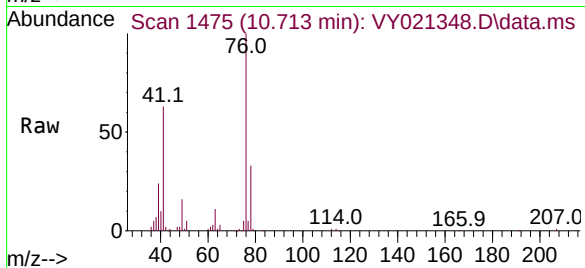
VY0227SBS01

Tgt Ion: 76 Resp: 54720

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 93.300 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021348.D

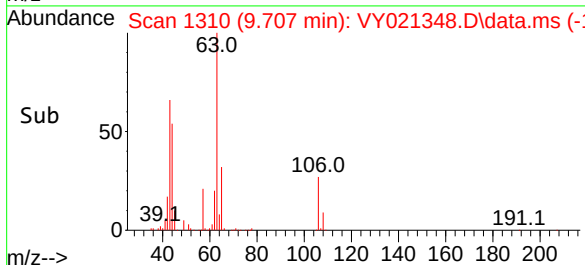
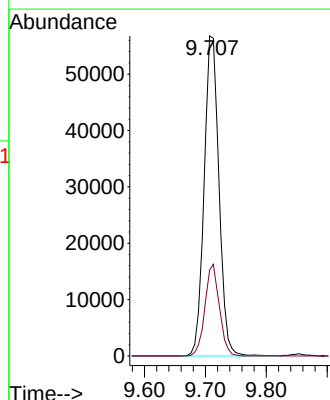
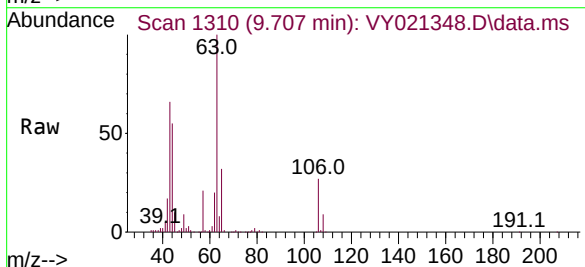
Acq: 27 Feb 2025 11:18

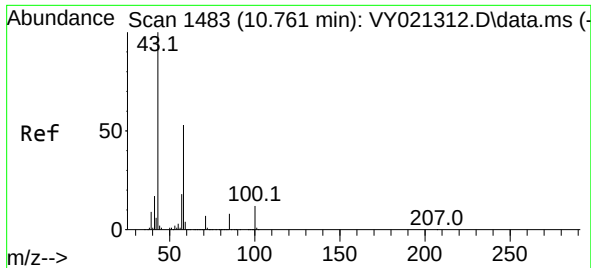
Tgt Ion: 63 Resp: 96301

Ion Ratio Lower Upper

63 100

106 27.7 21.7 32.5

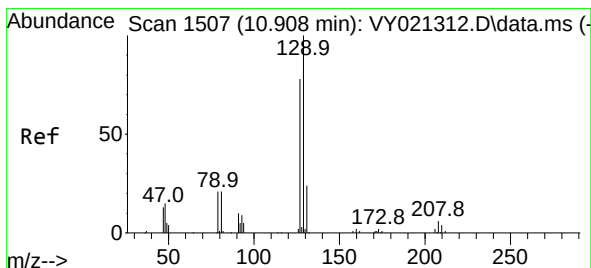
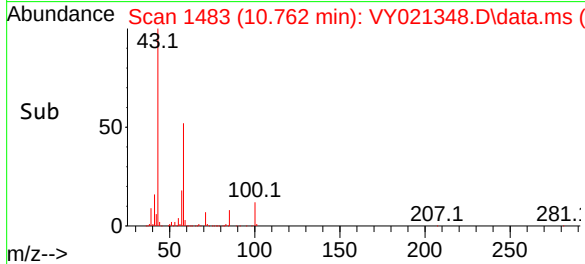
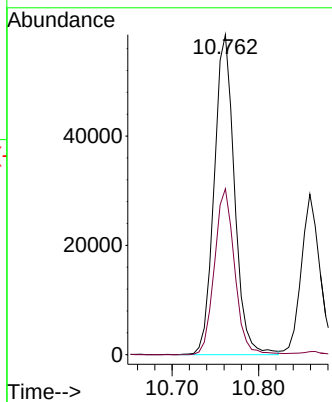
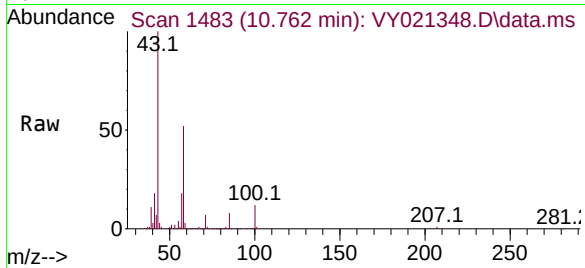




#59
2-Hexanone
Concen: 95.864 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

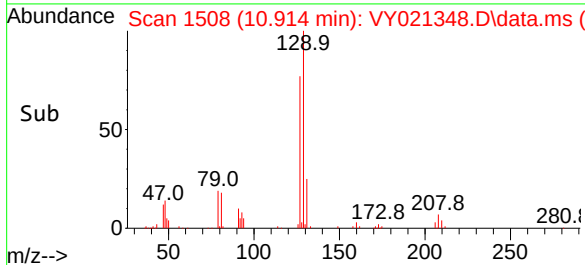
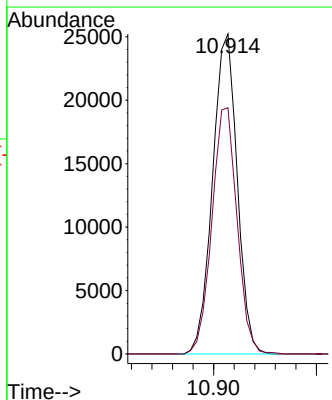
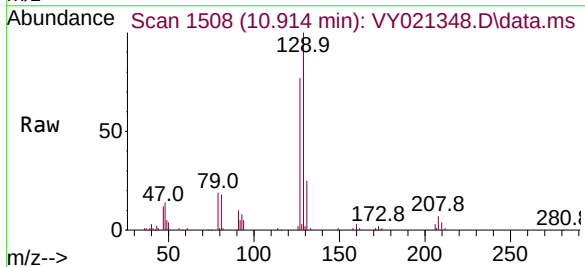
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

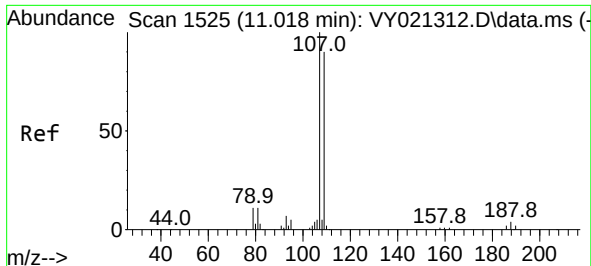
Tgt Ion: 43 Resp: 95328
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.6



#60
Dibromochloromethane
Concen: 19.786 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 129 Resp: 41937
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

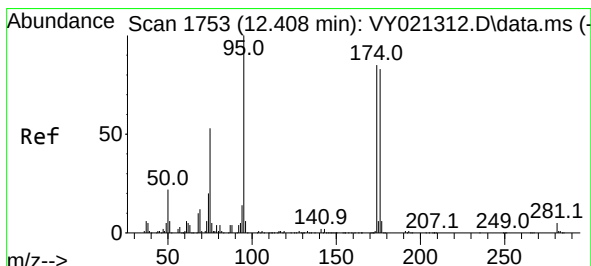
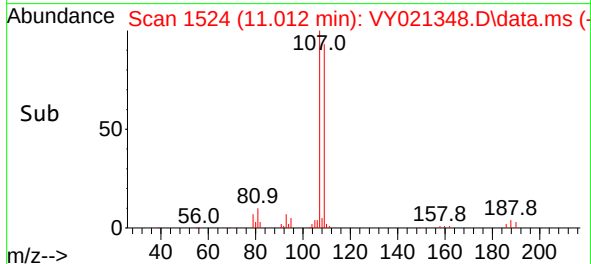
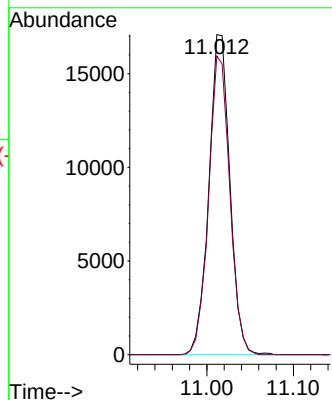
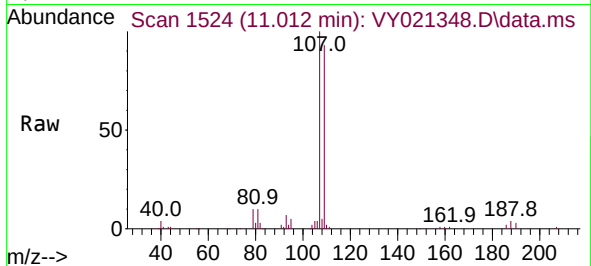




#61
1,2-Dibromoethane
Concen: 19.549 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

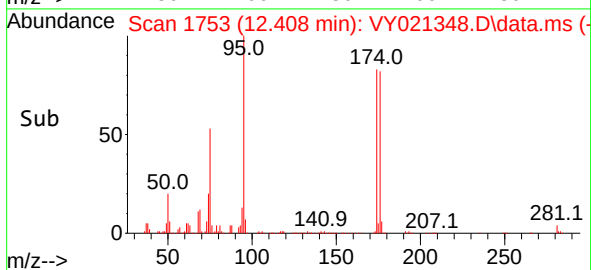
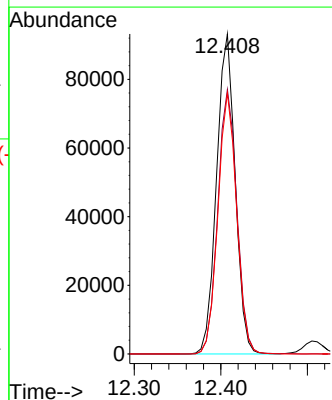
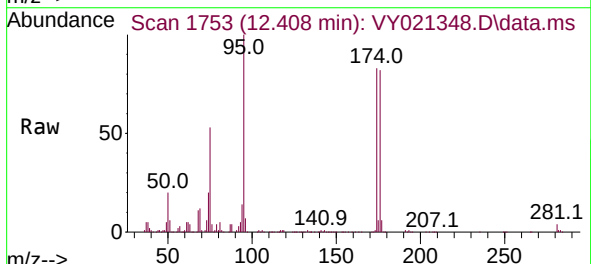
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

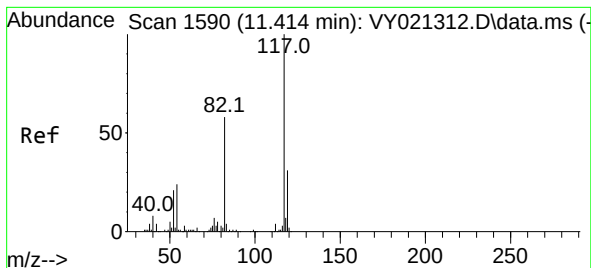
Tgt Ion:107 Resp: 28803
Ion Ratio Lower Upper
107 100
109 93.8 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 52.368 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 95 Resp: 139307
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.0
176 81.8 0.0 162.6

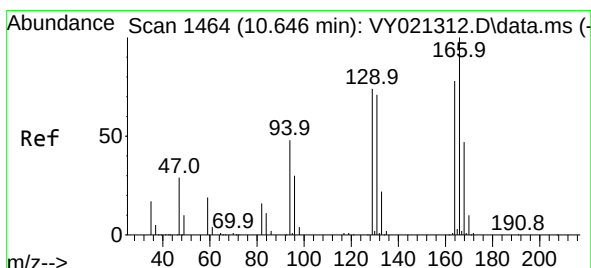
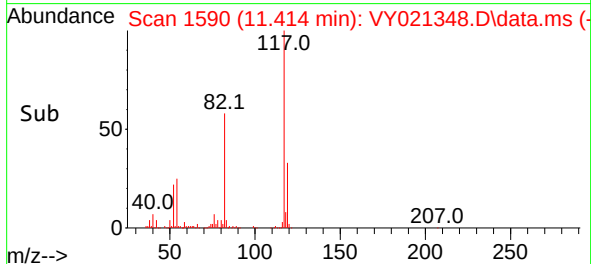
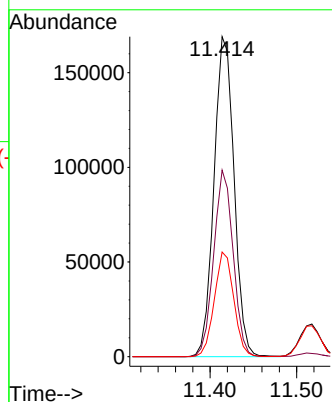
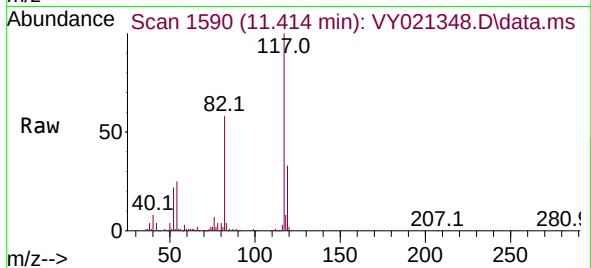




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

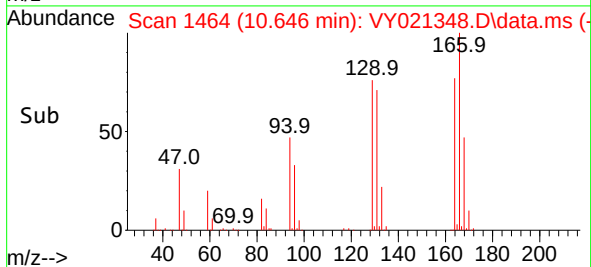
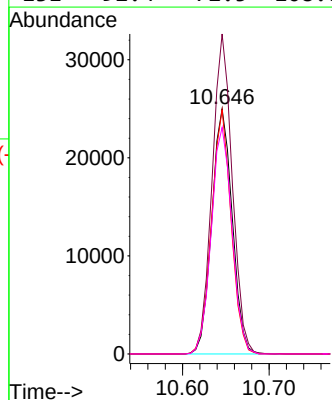
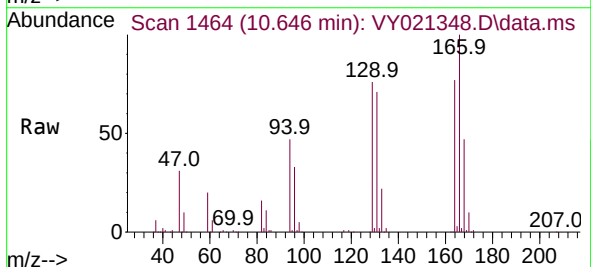
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

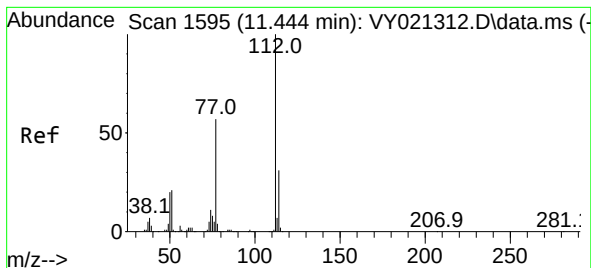
Tgt Ion:117 Resp: 272418
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.7 24.9 37.3



#64
Tetrachloroethene
Concen: 19.901 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:164 Resp: 40978
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 99.6 75.5 113.3
131 92.4 72.5 108.7





#65

Chlorobenzene

Concen: 19.805 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

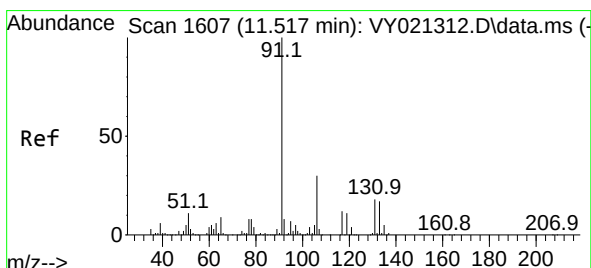
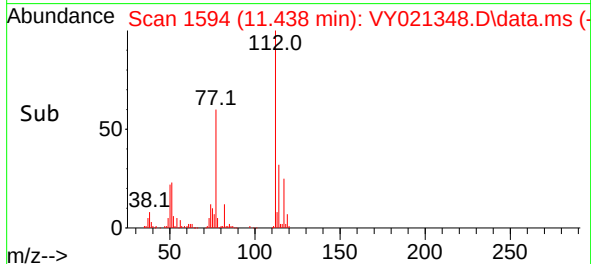
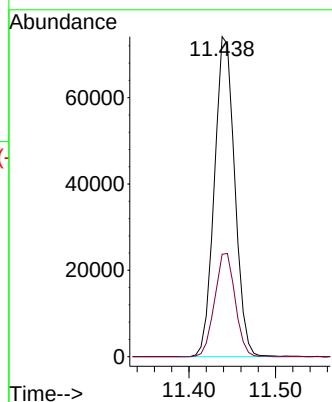
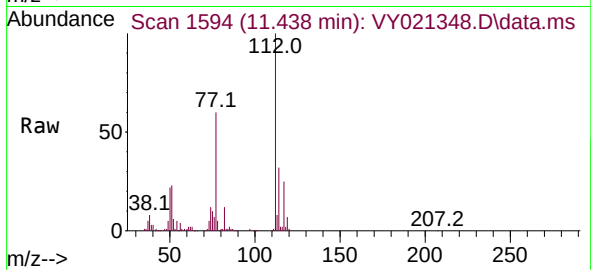
VY0227SBS01

Tgt Ion:112 Resp: 121107

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

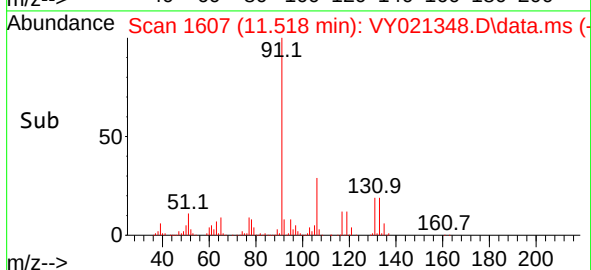
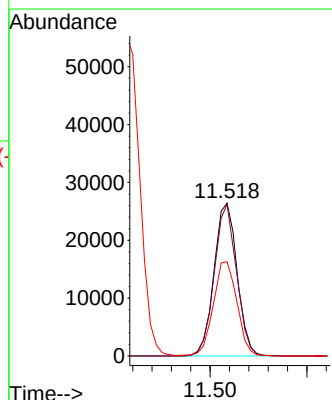
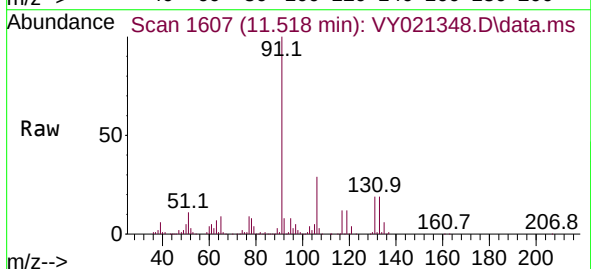
Tgt Ion:131 Resp: 43712

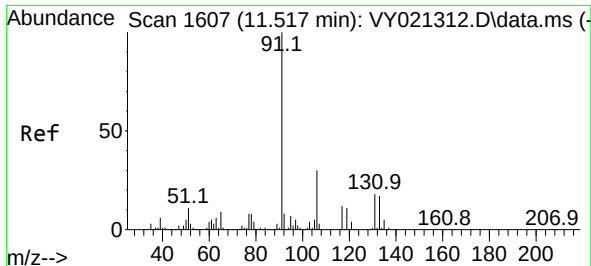
Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 63.3 31.7 95.1

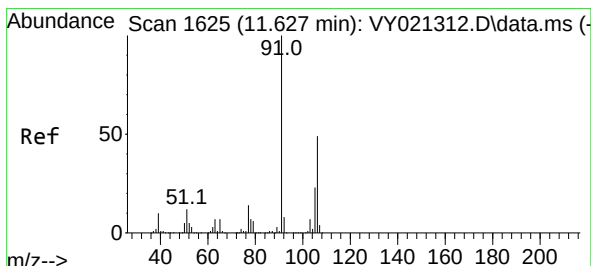
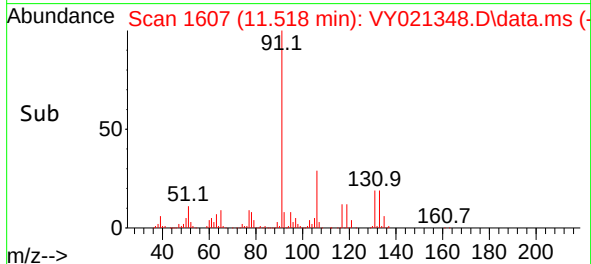
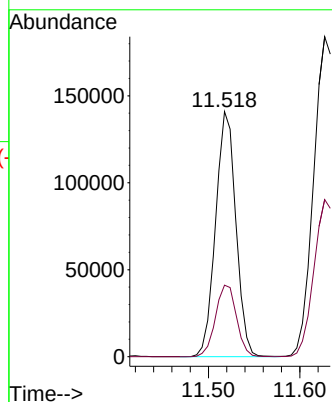
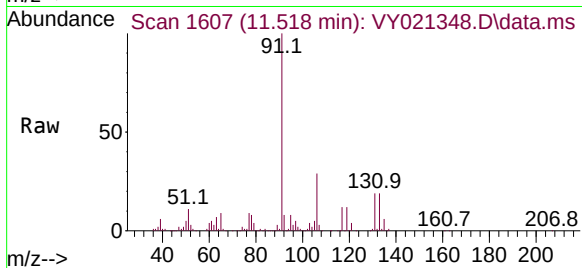




#67
Ethyl Benzene
Concen: 20.082 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

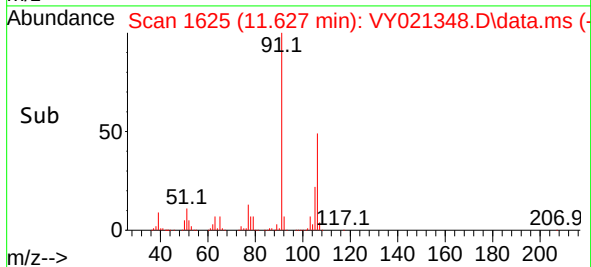
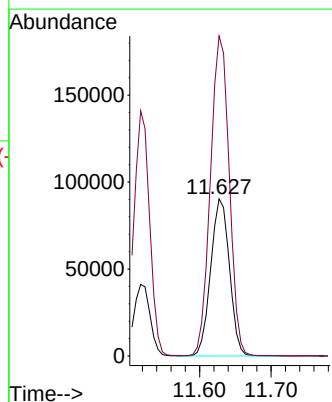
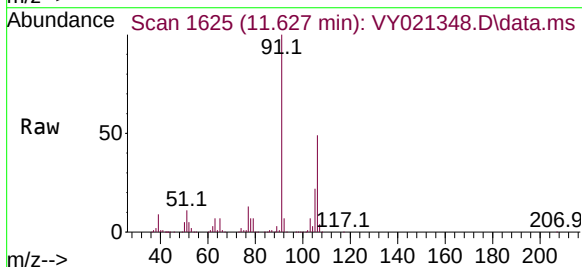
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

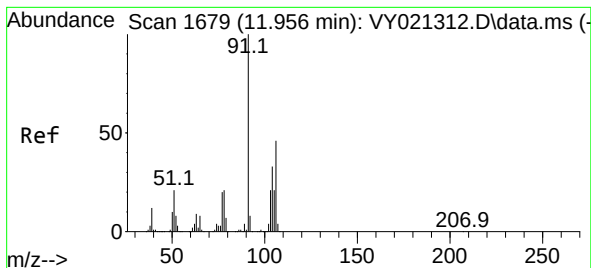
Tgt Ion: 91 Resp: 217521
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6



#68
m/p-Xylenes
Concen: 40.391 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:106 Resp: 164558
Ion Ratio Lower Upper
106 100
91 204.7 163.9 245.9





#69

o-Xylene

Concen: 19.803 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

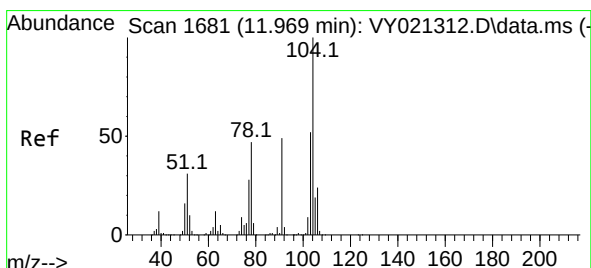
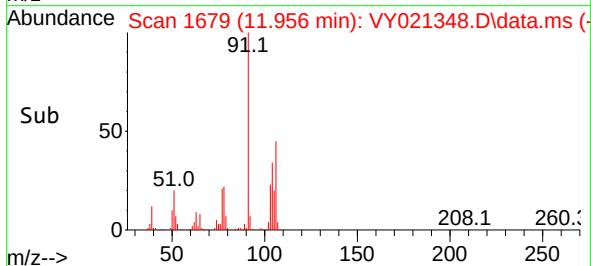
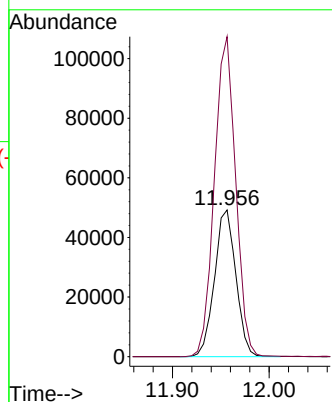
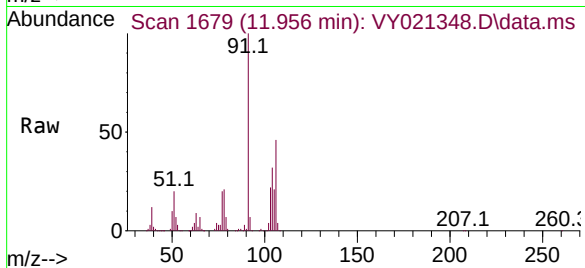
VY0227SBS01

Tgt Ion:106 Resp: 75583

Ion Ratio Lower Upper

106 100

91 217.2 108.1 324.2



#70

Styrene

Concen: 19.811 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

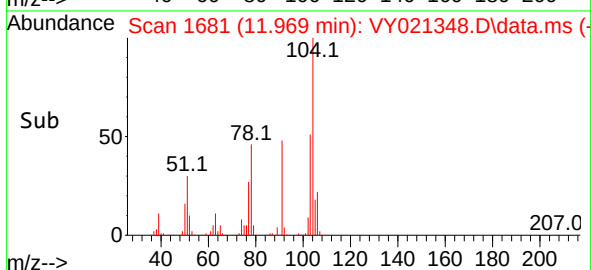
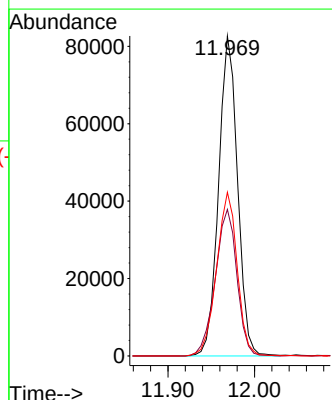
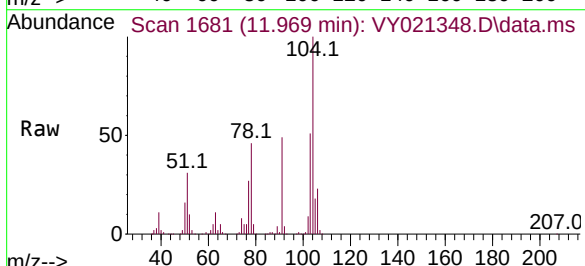
Tgt Ion:104 Resp: 125803

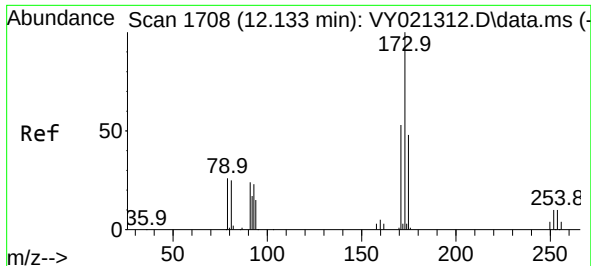
Ion Ratio Lower Upper

104 100

78 52.1 41.3 61.9

103 55.7 43.9 65.9

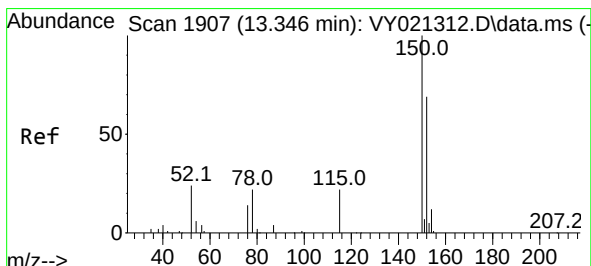
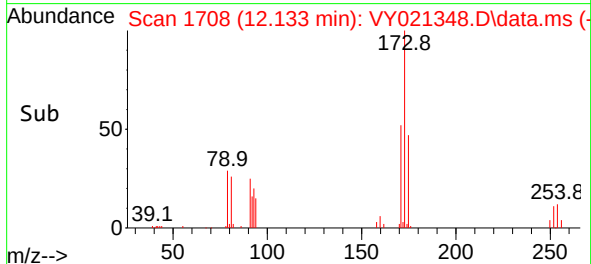
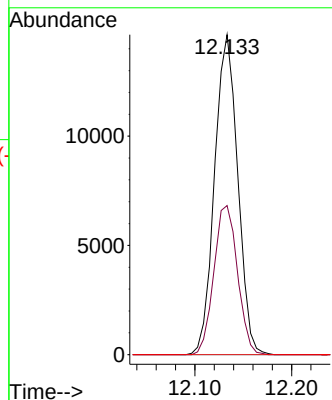
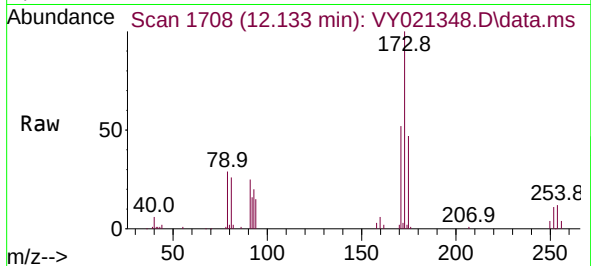




#71
Bromoform
Concen: 19.881 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

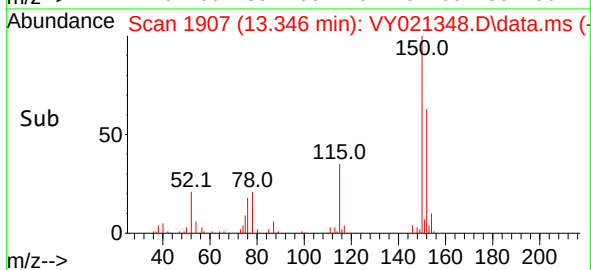
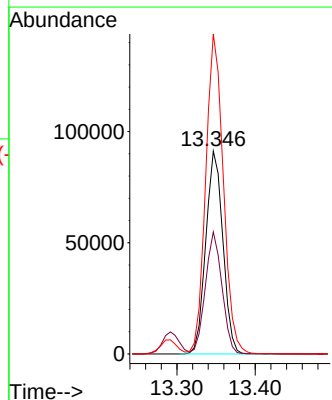
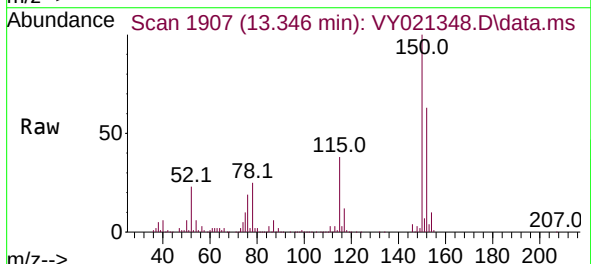
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

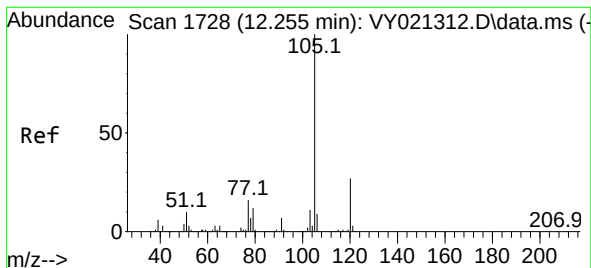
Tgt Ion:173 Resp: 24353
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:152 Resp: 138215
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 162.6 0.0 347.4





#73

Isopropylbenzene

Concen: 19.845 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

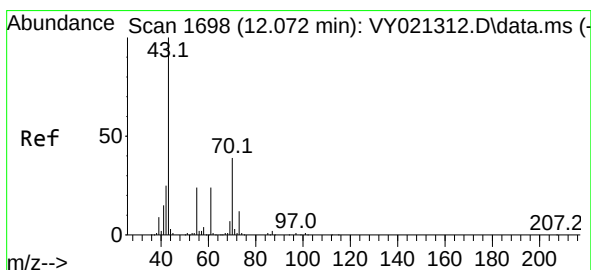
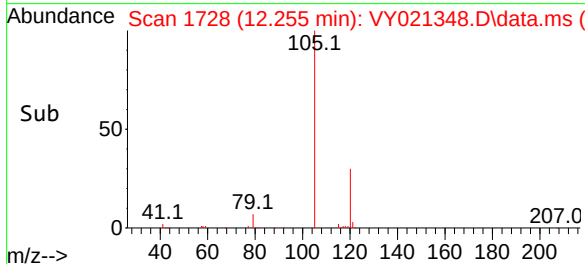
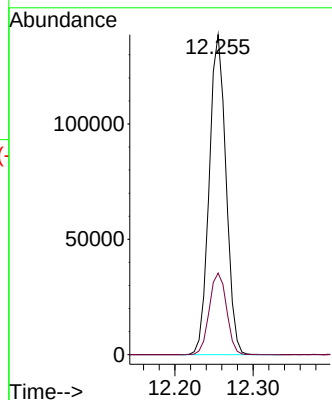
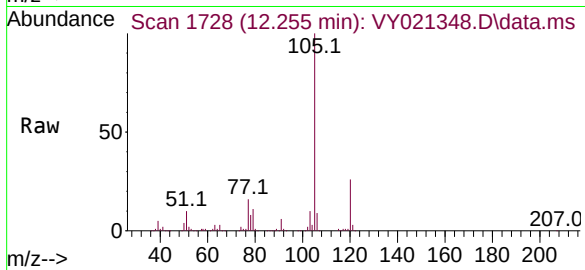
VY0227SBS01

Tgt Ion:105 Resp: 206205

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 17.916 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Tgt Ion: 43 Resp: 47320

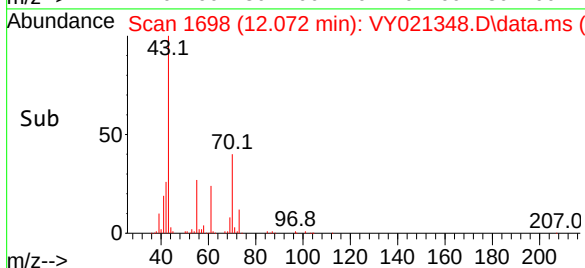
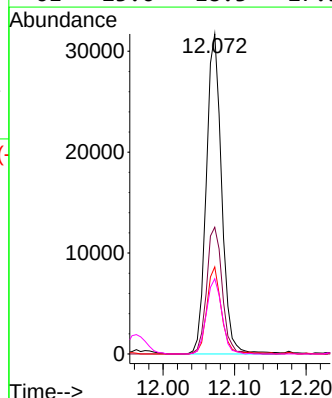
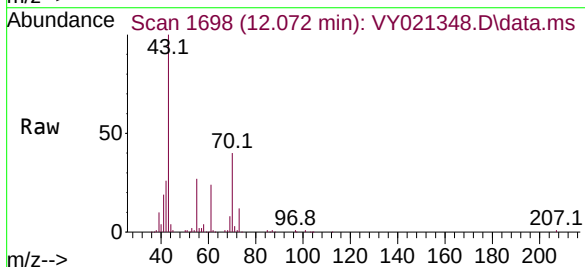
Ion Ratio Lower Upper

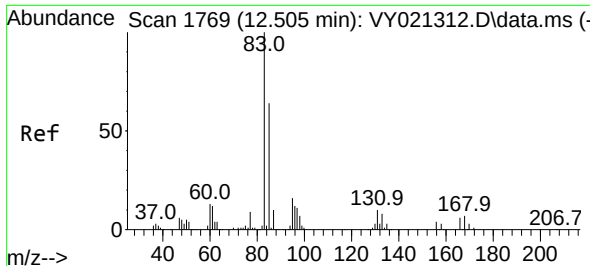
43 100

70 40.2 32.2 48.2

55 26.0 19.6 29.4

61 23.6 18.3 27.5

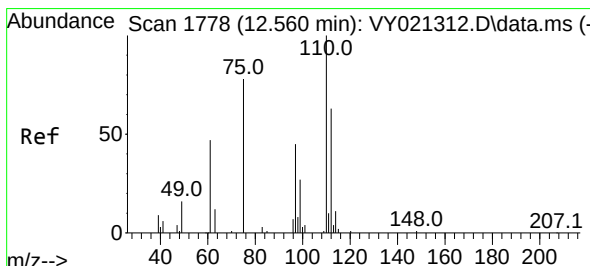
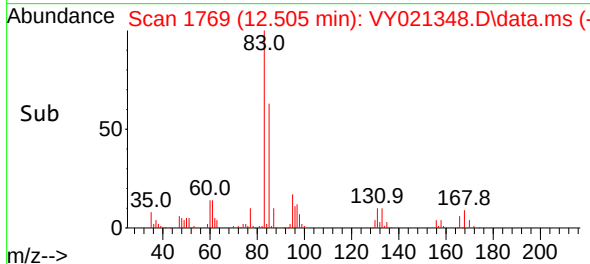
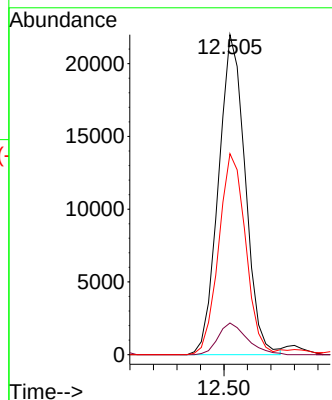
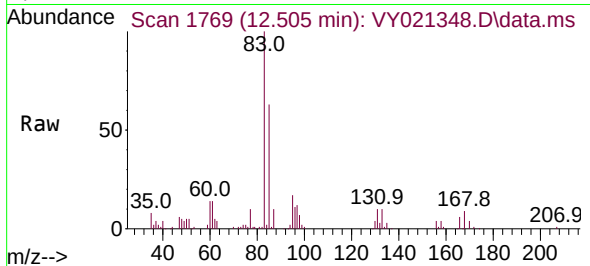




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.942 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

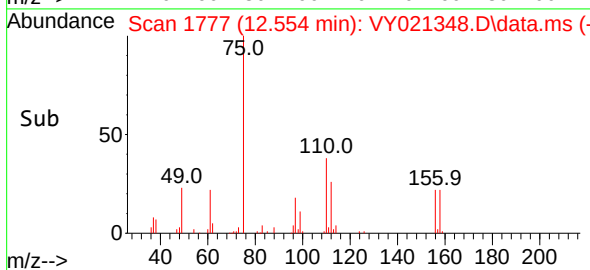
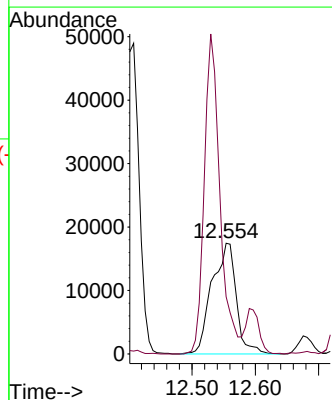
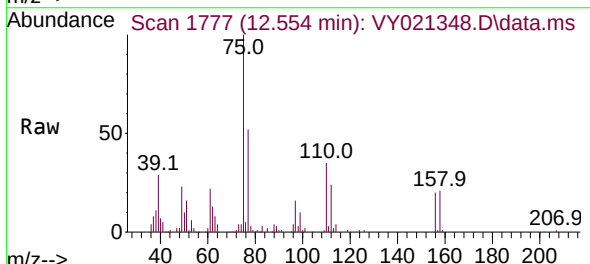
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

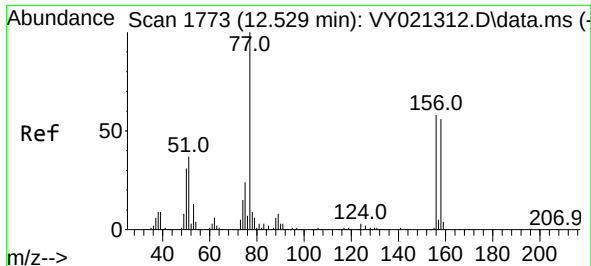
Tgt Ion: 83 Resp: 34737
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.2 15.6
 85 63.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 33.593 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021348.D
 Acq: 27 Feb 2025 11:18

Tgt Ion: 75 Resp: 46474
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

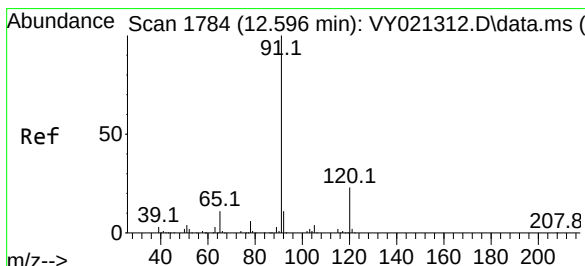
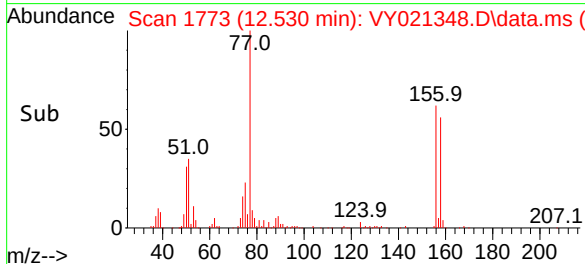
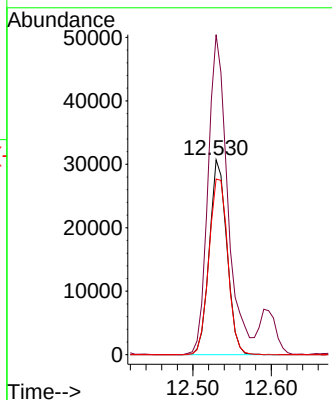
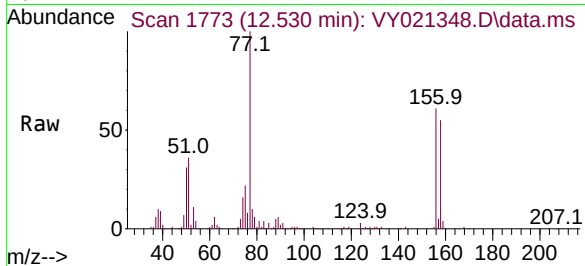




#77
Bromobenzene
Concen: 19.751 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

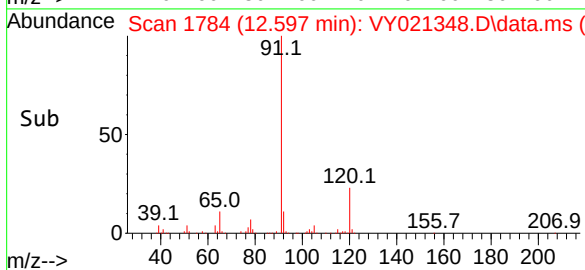
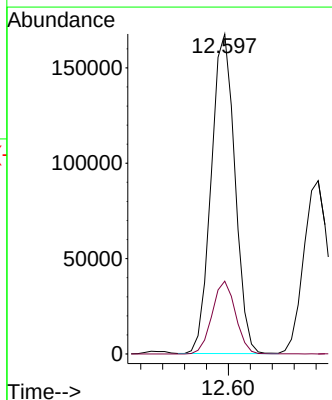
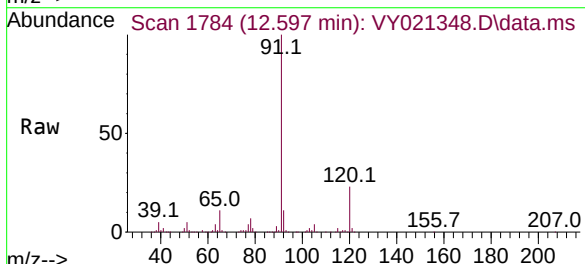
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

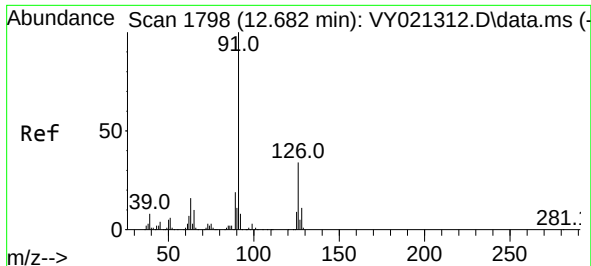
Tgt Ion:156 Resp: 47735
Ion Ratio Lower Upper
156 100
77 182.0 94.0 282.1
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 19.962 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 91 Resp: 251702
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.674 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

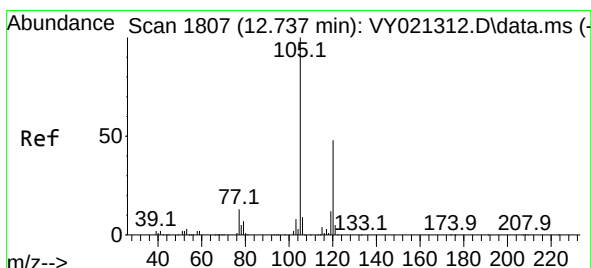
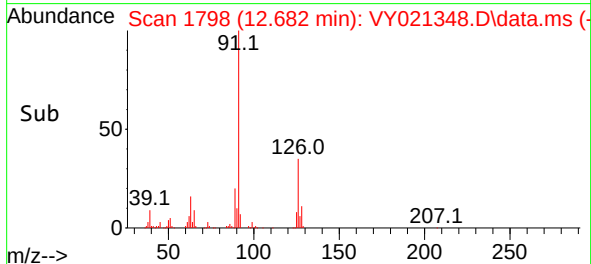
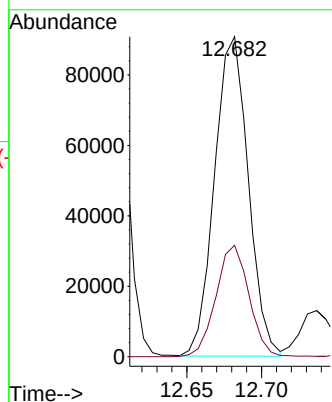
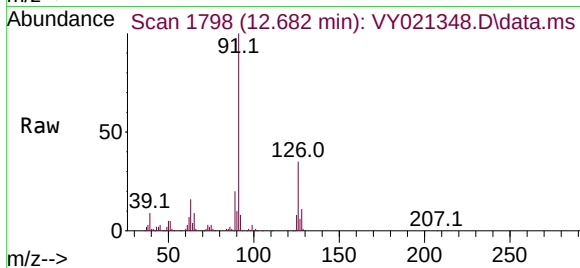
VY0227SBS01

Tgt Ion: 91 Resp: 142369

Ion Ratio Lower Upper

91 100

126 34.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.007 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021348.D

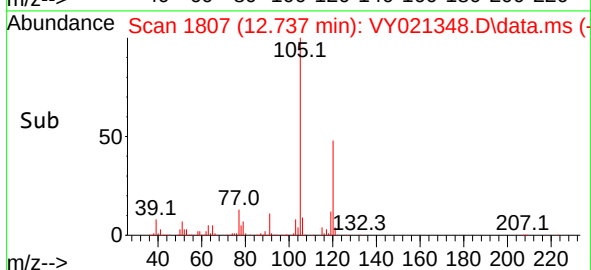
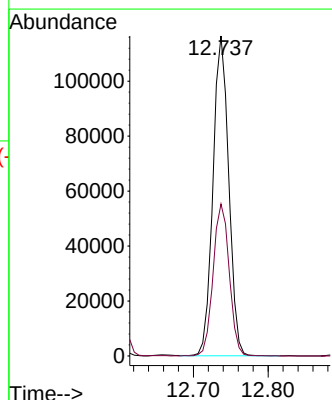
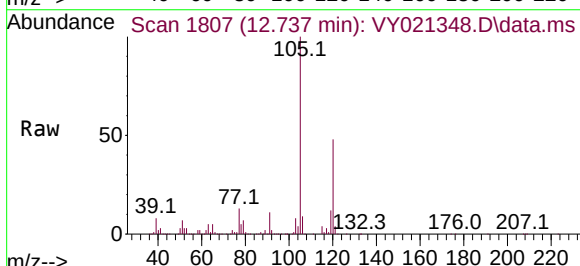
Acq: 27 Feb 2025 11:18

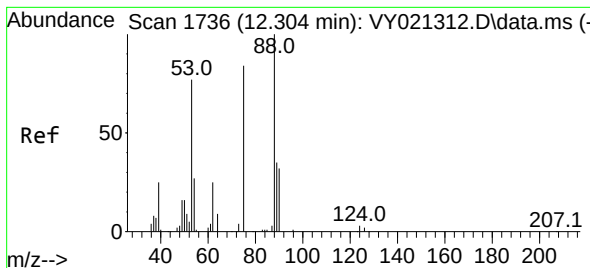
Tgt Ion: 105 Resp: 170506

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0

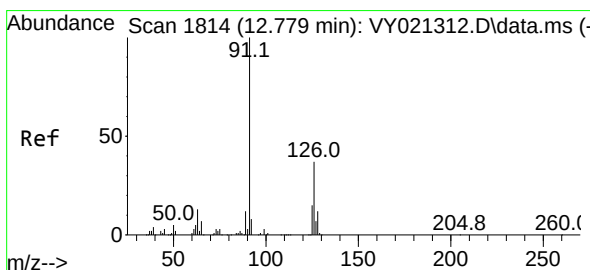
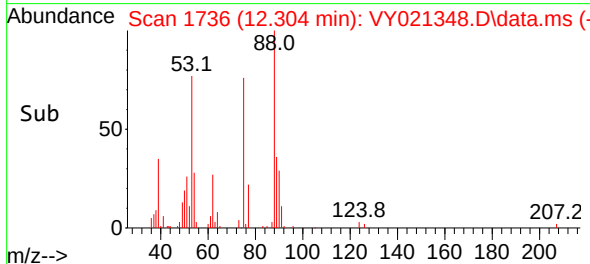
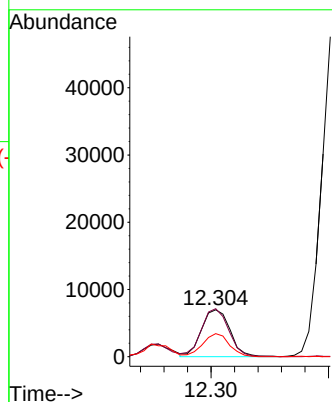
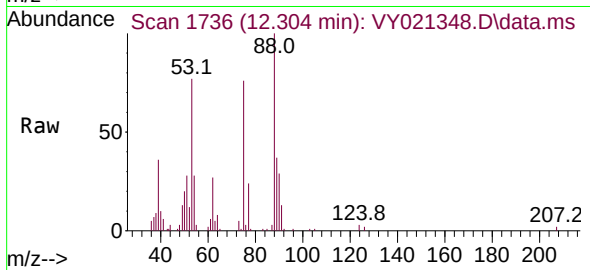




#81
trans-1,4-Dichloro-2-butene
Concen: 18.885 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

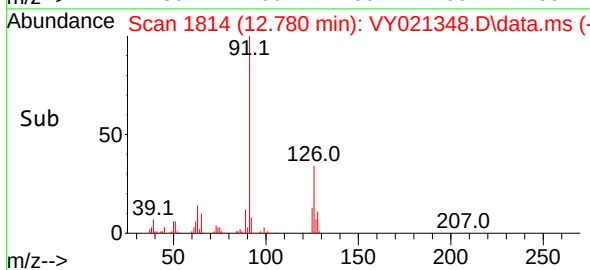
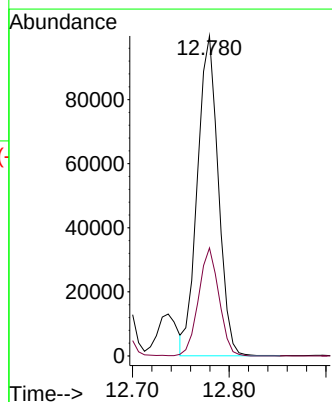
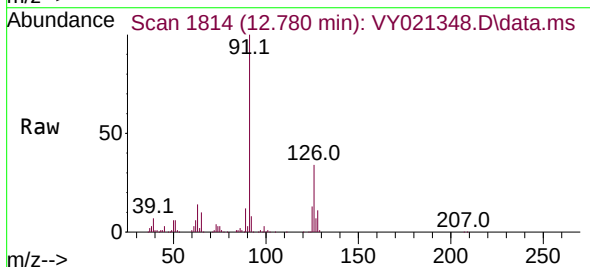
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

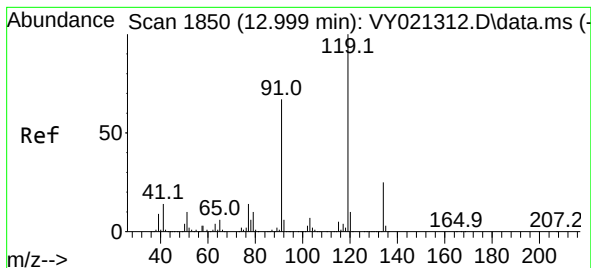
Tgt Ion: 75 Resp: 11755
Ion Ratio Lower Upper
75 100
53 98.1 79.1 118.7
89 45.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 19.935 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 91 Resp: 149541
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.024 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

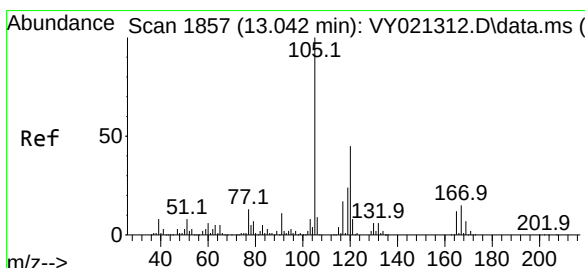
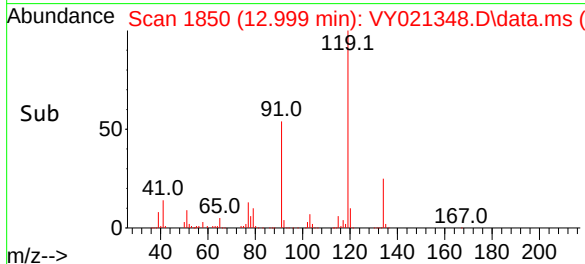
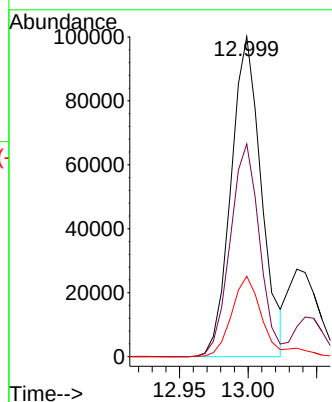
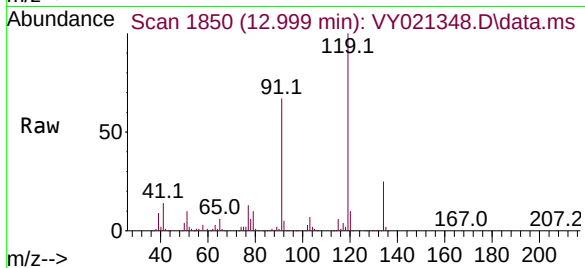
Tgt Ion:119 Resp: 154147

Ion Ratio Lower Upper

119 100

91 64.3 32.7 98.1

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.098 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021348.D

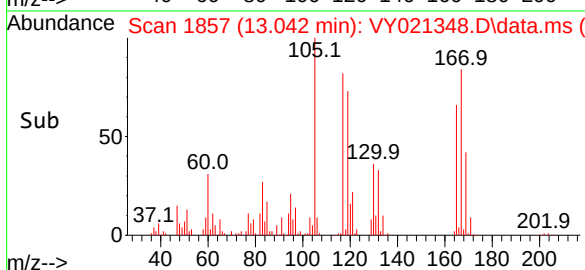
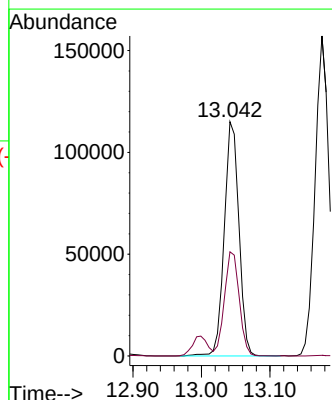
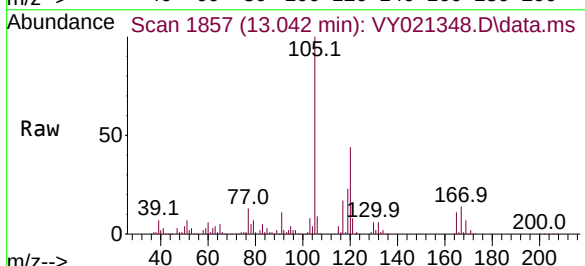
Acq: 27 Feb 2025 11:18

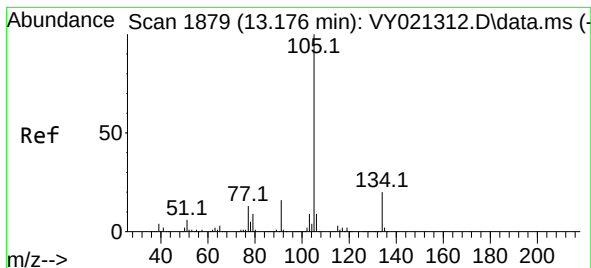
Tgt Ion:105 Resp: 170349

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.012 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

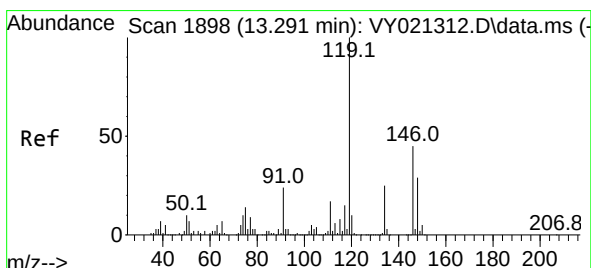
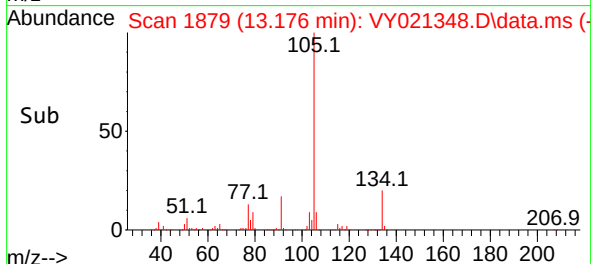
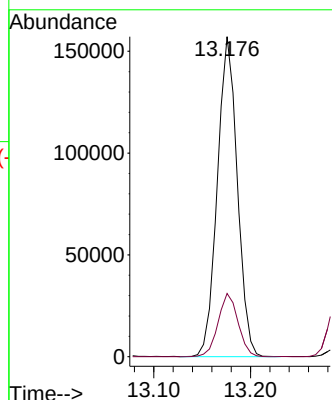
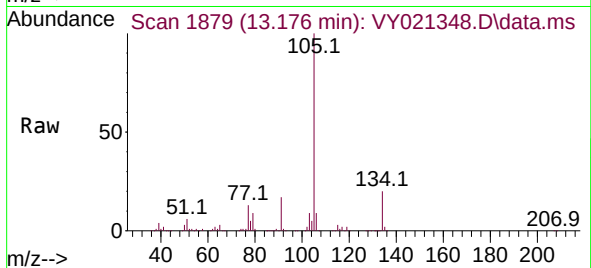
VY0227SBS01

Tgt Ion:105 Resp: 225031

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.000 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

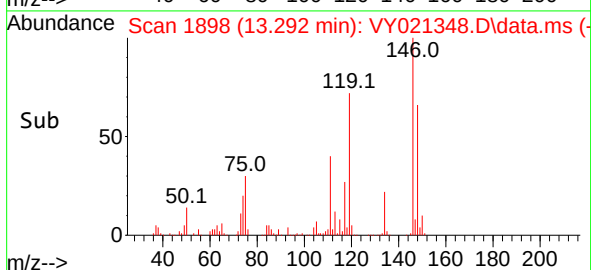
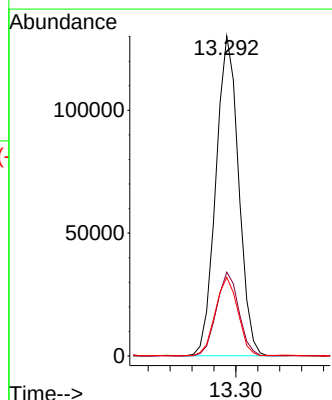
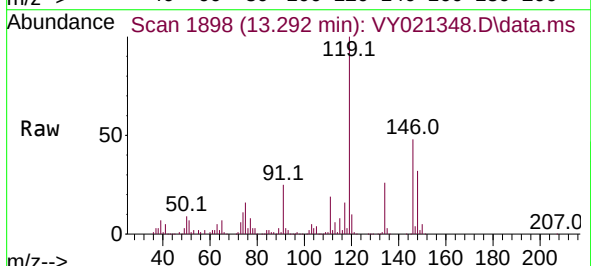
Tgt Ion:119 Resp: 187791

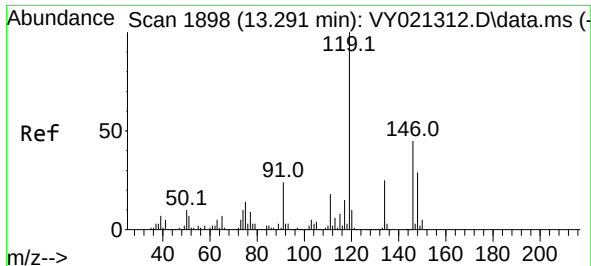
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 24.4 12.0 36.1

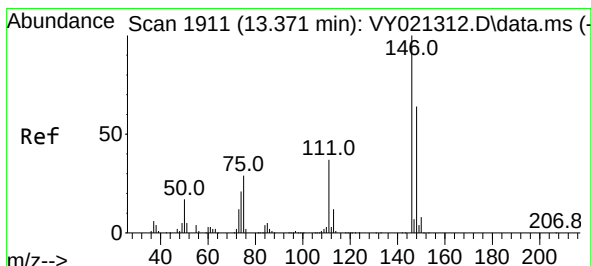
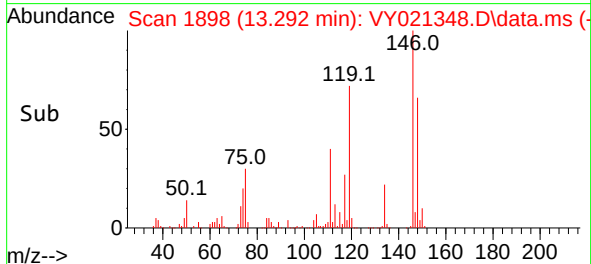
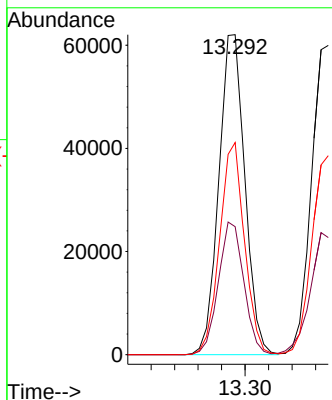
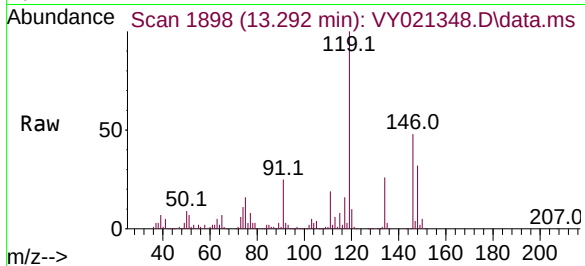




#87
1,3-Dichlorobenzene
Concen: 20.011 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

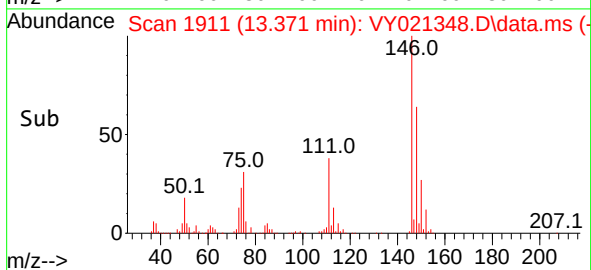
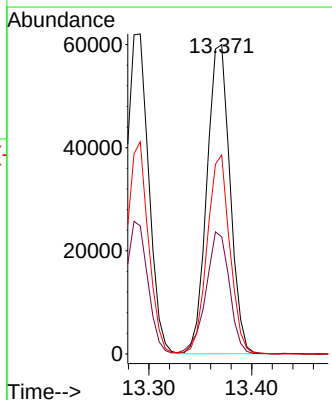
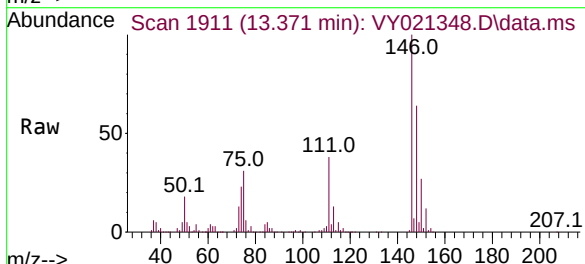
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

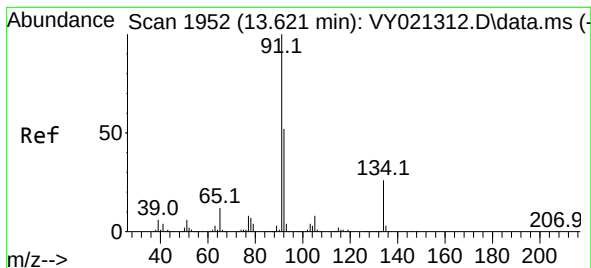
Tgt Ion:146 Resp: 95671
Ion Ratio Lower Upper
146 100
111 40.6 20.0 59.9
148 63.3 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.820 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:146 Resp: 93607
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 19.813 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

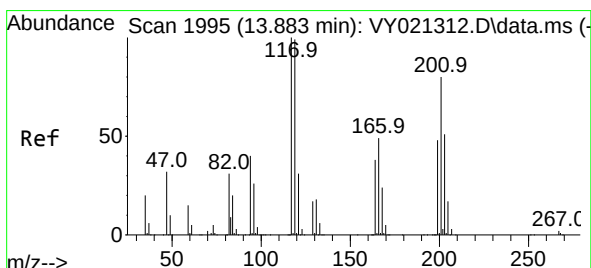
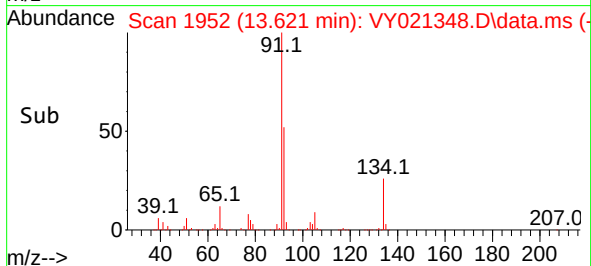
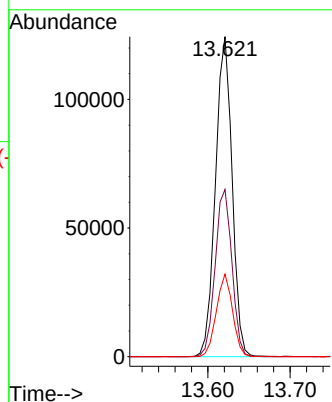
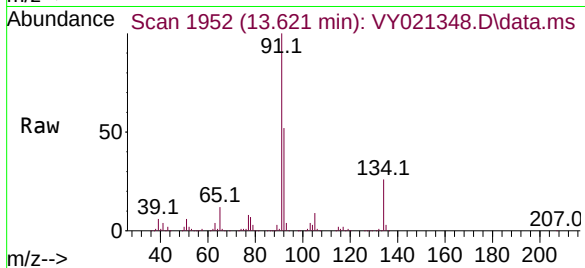
Tgt Ion: 91 Resp: 175070

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 25.1 12.7 38.0



#90

Hexachloroethane

Concen: 19.583 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021348.D

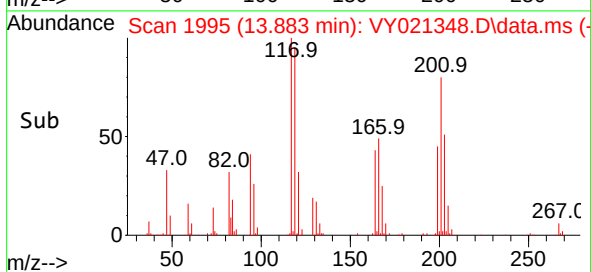
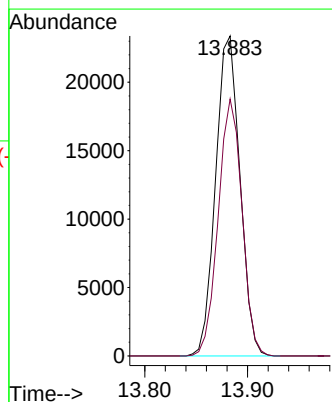
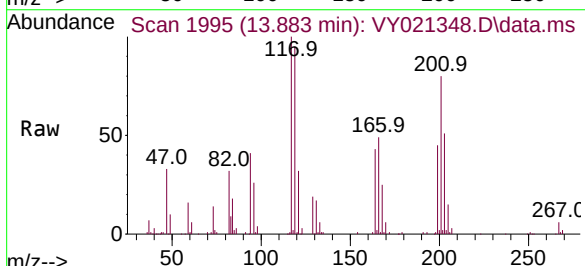
Acq: 27 Feb 2025 11:18

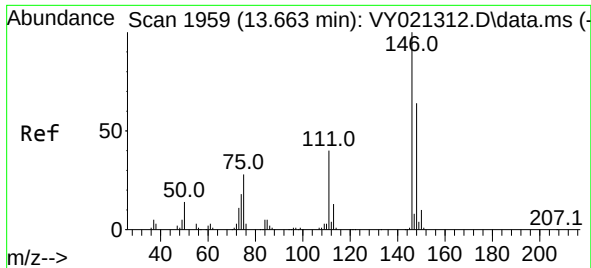
Tgt Ion: 117 Resp: 38407

Ion Ratio Lower Upper

117 100

201 78.5 38.4 115.2

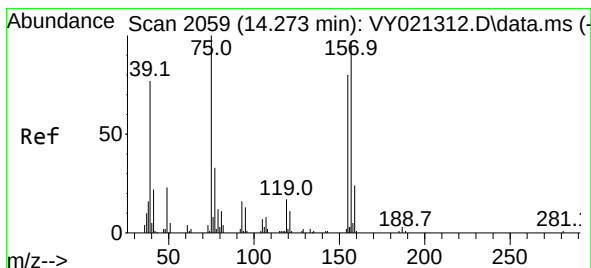
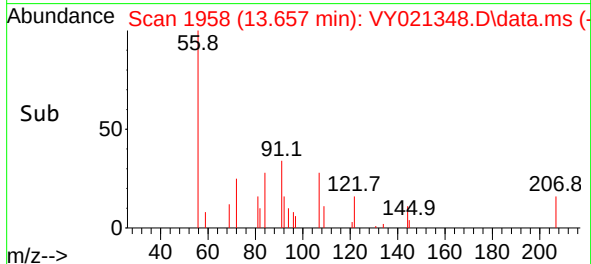
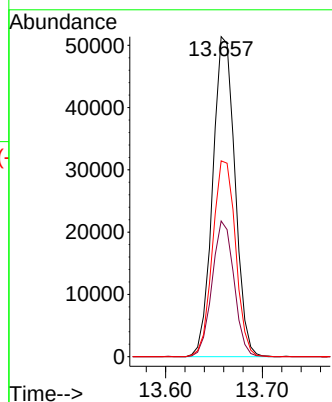
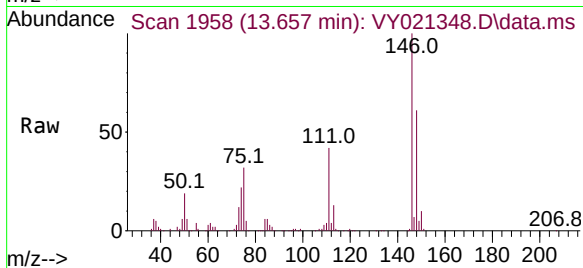




#91
1,2-Dichlorobenzene
Concen: 19.642 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

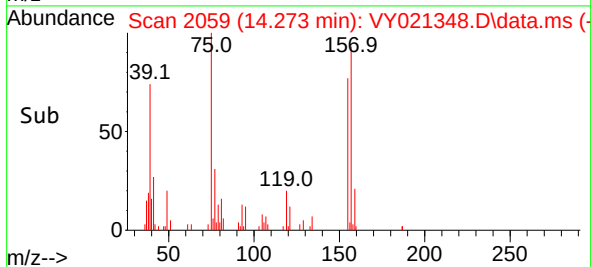
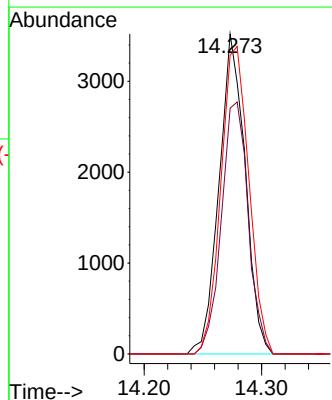
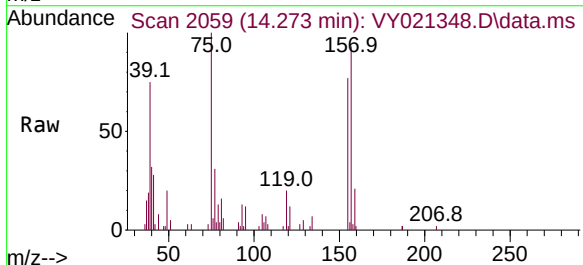
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

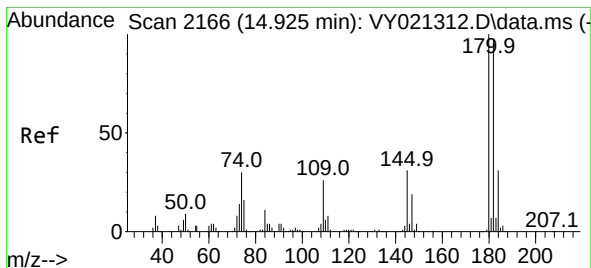
Tgt Ion:146 Resp: 82275
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.707 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion: 75 Resp: 5427
Ion Ratio Lower Upper
75 100
155 80.9 41.9 125.6
157 103.4 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 18.345 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

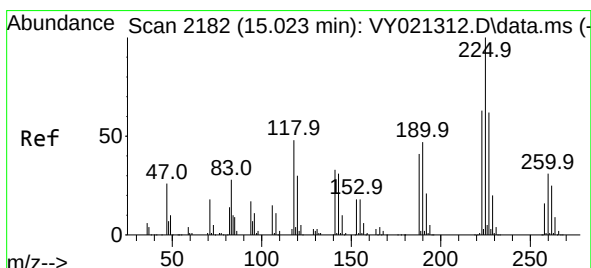
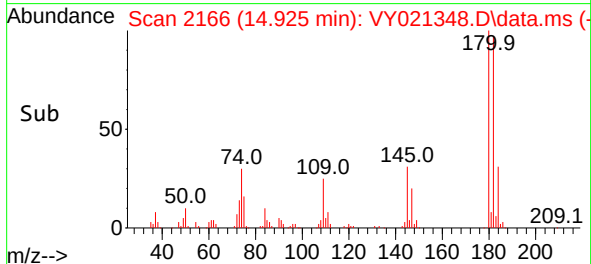
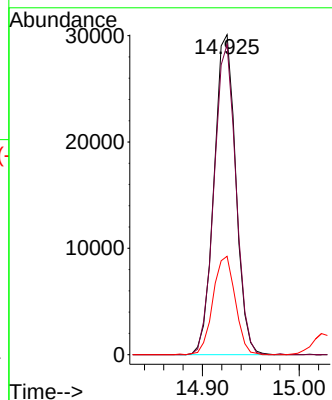
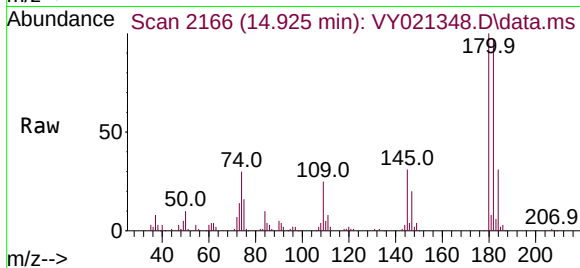
Tgt Ion:180 Resp: 46899

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.7

145 31.5 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.783 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021348.D

Acq: 27 Feb 2025 11:18

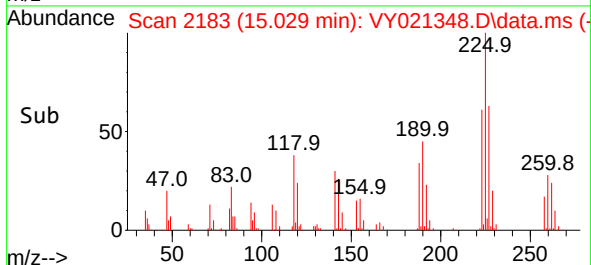
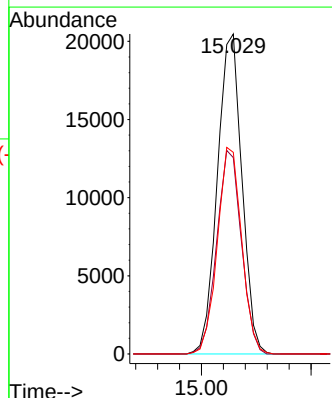
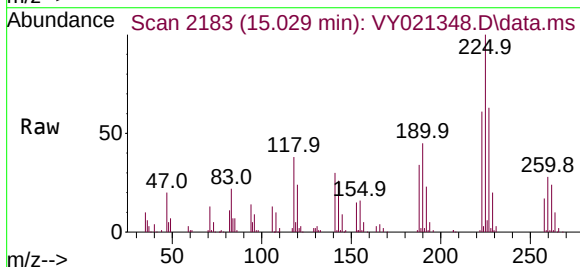
Tgt Ion:225 Resp: 31841

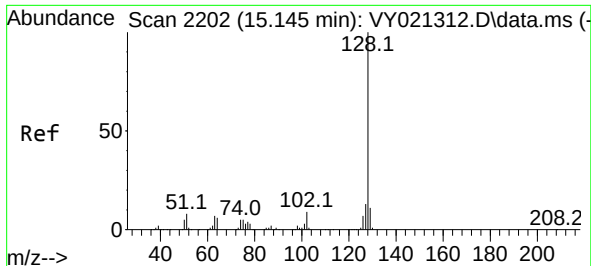
Ion Ratio Lower Upper

225 100

223 64.0 31.8 95.4

227 64.0 31.9 95.7

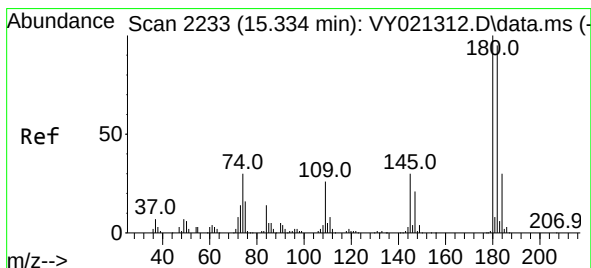
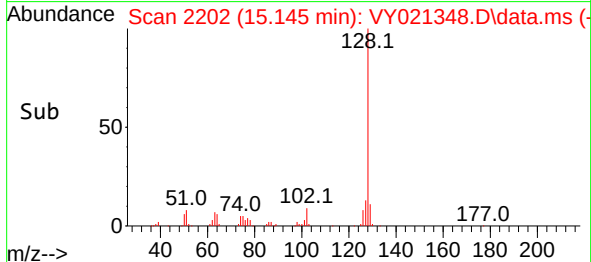
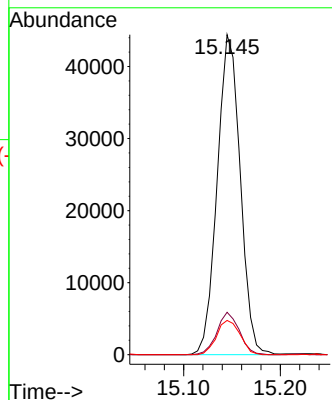
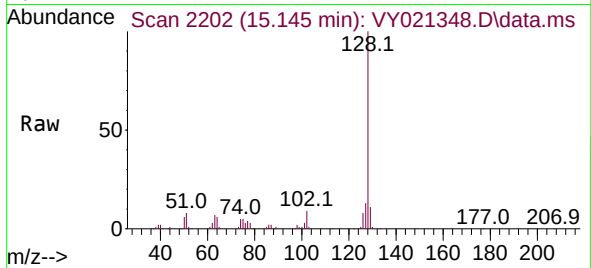




#95
Naphthalene
Concen: 17.339 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion:	128	Resp:	73424
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.9	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.878 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021348.D
Acq: 27 Feb 2025 11:18

Tgt Ion:	180	Resp:	40776
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.3	144.9
145	31.3	16.1	48.3

