

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021477.D
 Acq On : 11 Mar 2025 11:26
 Operator : SY/MD
 Sample : VY0311SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

Quant Time: Mar 12 01:23:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	205814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	320893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118276	54.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.740%	
35) Dibromofluoromethane	7.634	113	111808	53.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.103	98	416806	52.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.407	95	143228	52.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	38513	20.391	ug/l	95
3) Chloromethane	2.068	50	57571	21.621	ug/l	96
4) Vinyl Chloride	2.202	62	67448	23.179	ug/l	96
5) Bromomethane	2.586	94	45581	21.673	ug/l	95
6) Chloroethane	2.726	64	44919	23.359	ug/l	98
7) Trichlorofluoromethane	3.049	101	90844	22.367	ug/l	97
8) Diethyl Ether	3.452	74	24779	22.015	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.811	101	49556	21.370	ug/l	99
10) Methyl Iodide	4.000	142	51867	22.004	ug/l	98
11) Tert butyl alcohol	4.854	59	17440	110.757	ug/l	100
12) 1,1-Dichloroethene	3.781	96	45043	21.305	ug/l	93
13) Acrolein	3.653	56	16689	150.833	ug/l	90
14) Allyl chloride	4.378	41	70483	20.630	ug/l	100
15) Acrylonitrile	5.055	53	54531	113.809	ug/l	97
16) Acetone	3.860	43	62206	131.109	ug/l	99
17) Carbon Disulfide	4.104	76	133379	20.131	ug/l	100
18) Methyl Acetate	4.378	43	25971	24.670	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	114604	21.387	ug/l	100
20) Methylene Chloride	4.610	84	52722	21.169	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	47703	20.148	ug/l	98
22) Diisopropyl ether	6.012	45	157492	21.390	ug/l	98
23) Vinyl Acetate	5.957	43	447652	106.530	ug/l	100
24) 1,1-Dichloroethane	5.909	63	91448	21.044	ug/l	99
25) 2-Butanone	6.896	43	78877	120.181	ug/l	100
26) 2,2-Dichloropropane	6.878	77	82324	20.589	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	56260	20.916	ug/l	98
28) Bromochloromethane	7.238	49	39935	21.920	ug/l	99
29) Tetrahydrofuran	7.256	42	45199	111.553	ug/l	99
30) Chloroform	7.414	83	97353	21.574	ug/l	92
31) Cyclohexane	7.695	56	78605	19.294	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	86126	20.845	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67500	20.444	ug/l	99
37) Ethyl Acetate	6.988	43	31780	21.778	ug/l	99
38) Carbon Tetrachloride	7.817	117	78099	20.568	ug/l	97
39) Methylcyclohexane	9.103	83	79572	19.648	ug/l	99
40) Benzene	8.079	78	203249	20.897	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	17550	22.087	ug/l	97
42) 1,2-Dichloroethane	8.158	62	59353	21.814	ug/l	100
43) Isopropyl Acetate	8.195	43	58991	20.824	ug/l #	89
44) Trichloroethene	8.865	130	51146	20.810	ug/l	97
45) 1,2-Dichloropropane	9.140	63	50348	21.750	ug/l	95
46) Dibromomethane	9.231	93	28214	21.906	ug/l	100
47) Bromodichloromethane	9.420	83	71979	21.044	ug/l	96
48) Methyl methacrylate	9.219	41	27850	21.409	ug/l	99
49) 1,4-Dioxane	9.225	88	5956	471.132	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	161289	110.346	ug/l	100
52) Toluene	10.170	92	128907	21.023	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	64650	21.454	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	75356	21.062	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	36516	21.674	ug/l	98
56) Ethyl methacrylate	10.438	69	45607	21.225	ug/l	99
57) 1,3-Dichloropropane	10.719	76	62886	21.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	113643	114.571	ug/l	99
59) 2-Hexanone	10.761	43	113250	117.176	ug/l	98
60) Dibromochloromethane	10.908	129	50383	21.813	ug/l	99
61) 1,2-Dibromoethane	11.011	107	34516	21.707	ug/l	100
64) Tetrachloroethene	10.646	164	51084	21.731	ug/l	96
65) Chlorobenzene	11.438	112	139893	20.492	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	50679	20.997	ug/l	98
67) Ethyl Benzene	11.517	91	238455	19.900	ug/l	99
68) m/p-Xylenes	11.627	106	184445	40.545	ug/l	100
69) o-Xylene	11.956	106	84386	20.127	ug/l	99
70) Styrene	11.968	104	142938	20.551	ug/l	99
71) Bromoform	12.127	173	28730	21.294	ug/l	97
73) Isopropylbenzene	12.255	105	227543	19.152	ug/l	99
74) N-amyl acetate	12.072	43	50844	19.706	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	42002	20.034	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	54568	35.905	ug/l #	100
77) Bromobenzene	12.529	156	55801	20.076	ug/l	97
78) n-propylbenzene	12.596	91	280689	19.454	ug/l	99
79) 2-Chlorotoluene	12.682	91	161689	19.598	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	192316	19.919	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	12478	18.665	ug/l	98
82) 4-Chlorotoluene	12.779	91	168922	19.773	ug/l	100
83) tert-Butylbenzene	12.999	119	168838	19.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	190067	19.827	ug/l	99
85) sec-Butylbenzene	13.176	105	250973	19.584	ug/l	99
86) p-Isopropyltoluene	13.291	119	206101	19.522	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	111249	20.108	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	110455	20.414	ug/l	99
89) n-Butylbenzene	13.615	91	193943	19.894	ug/l	100
90) Hexachloroethane	13.883	117	43777	19.437	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	97785	20.621	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6592	20.990	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	54419	21.011	ug/l	98
94) Hexachlorobutadiene	15.023	225	35066	21.598	ug/l	99
95) Naphthalene	15.145	128	84955	21.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46133	21.178	ug/l	100

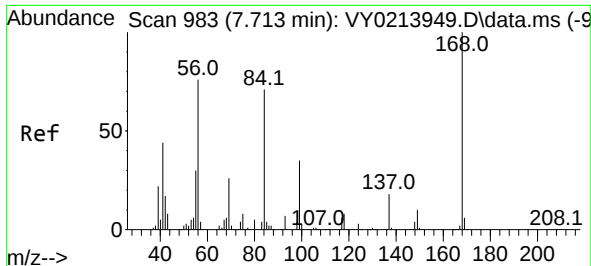
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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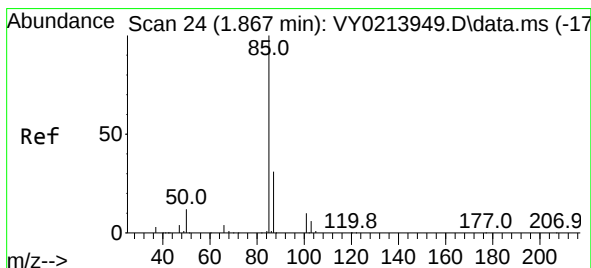
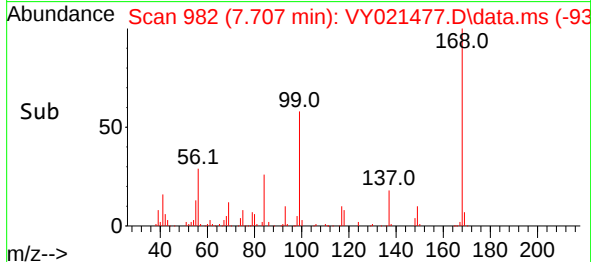
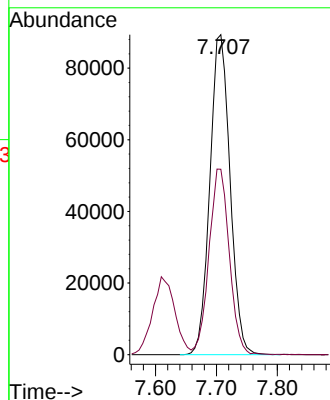
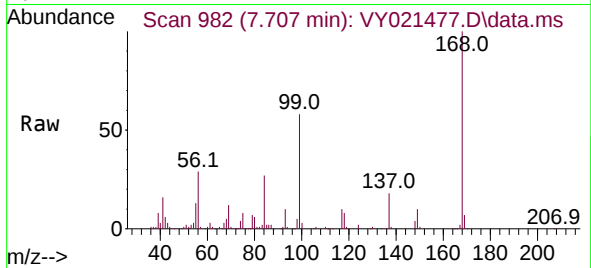
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

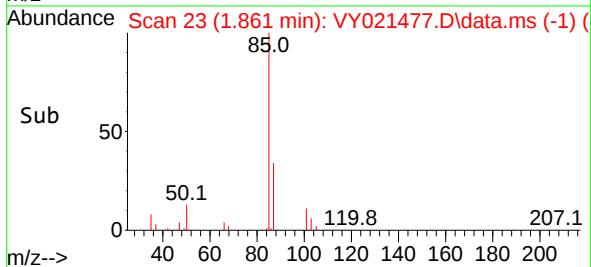
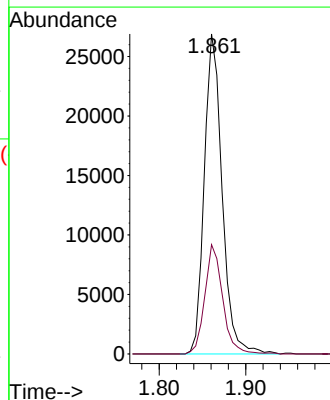
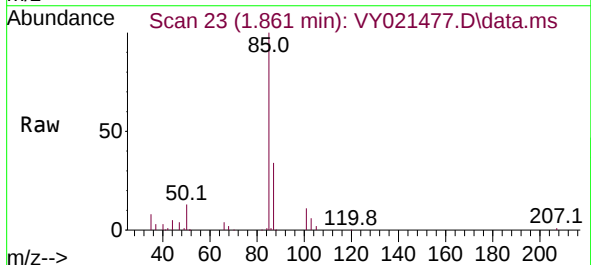
Instrument :
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VY0311SBSD01

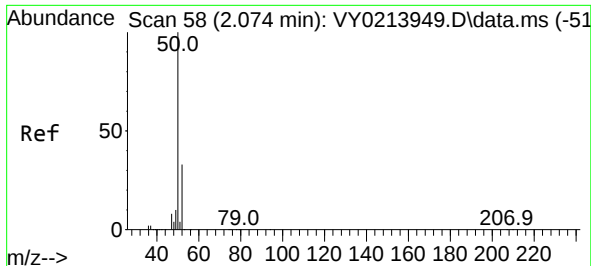
Tgt Ion:168 Resp: 205814
Ion Ratio Lower Upper
168 100
99 57.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 20.391 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 85 Resp: 38513
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0

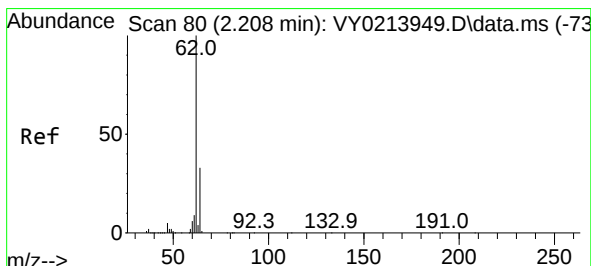
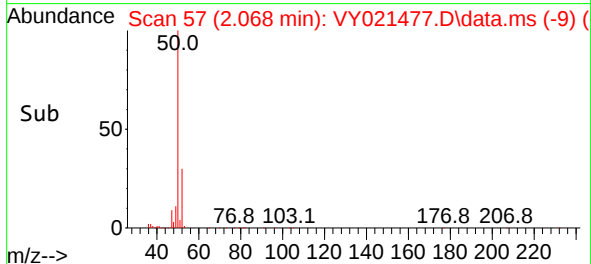
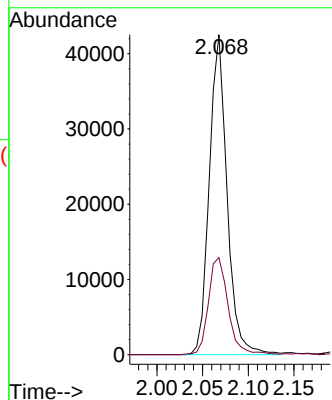
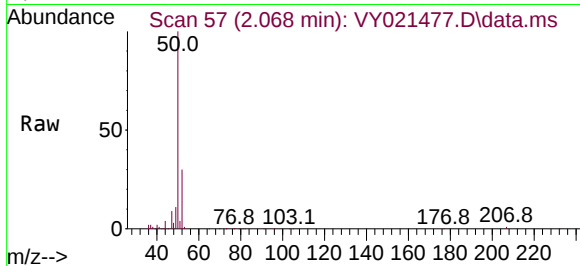




#3
Chloromethane
Concen: 21.621 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

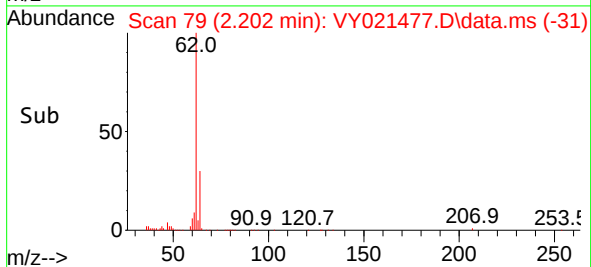
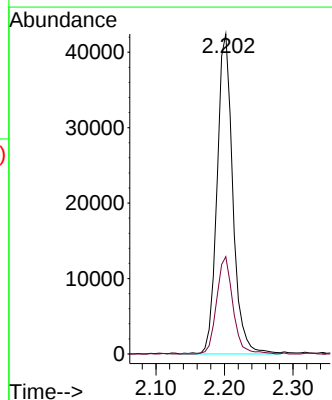
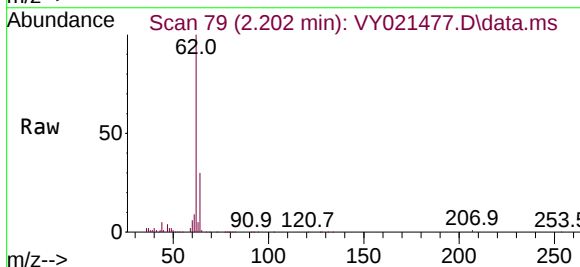
Instrument :
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ClientSampleId :
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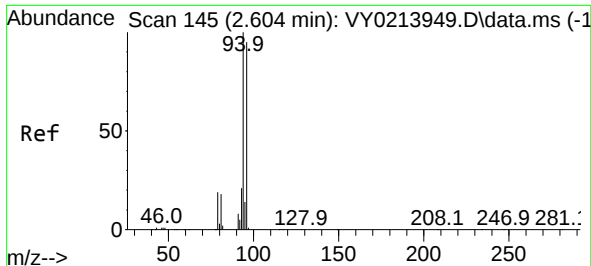
Tgt Ion: 50 Resp: 57571
Ion Ratio Lower Upper
50 100
52 30.4 26.2 39.2



#4
Vinyl Chloride
Concen: 23.179 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 62 Resp: 67448
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2

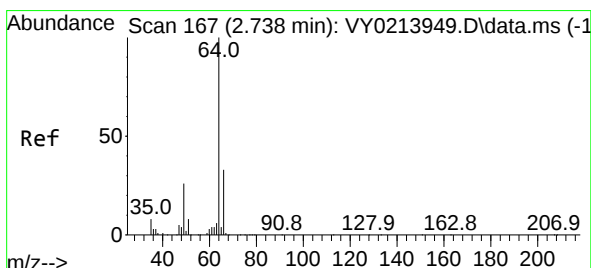
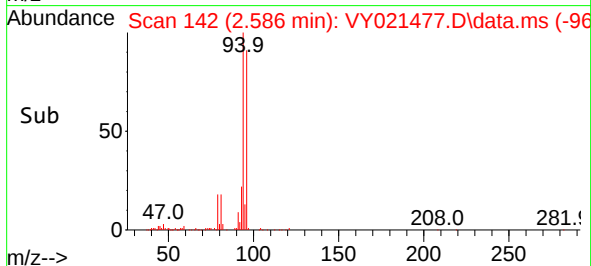
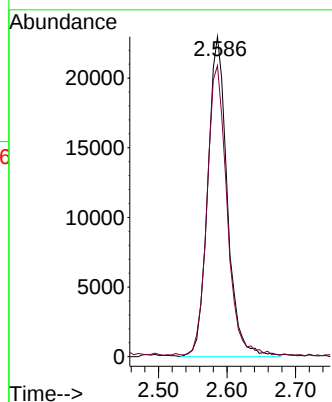
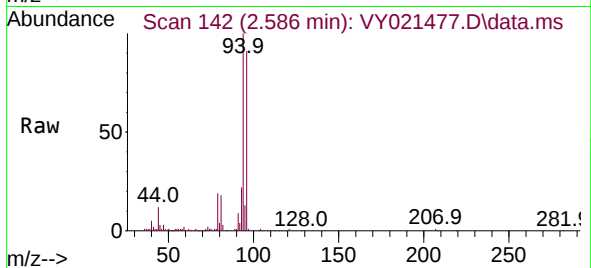




#5
Bromomethane
Concen: 21.673 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

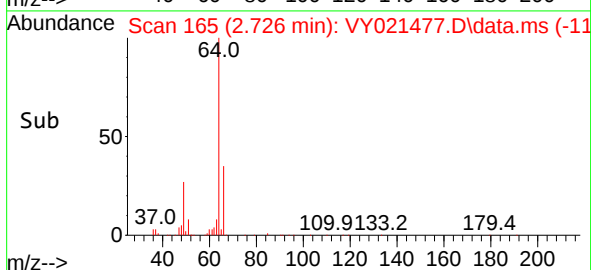
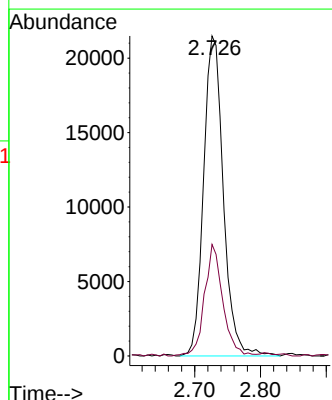
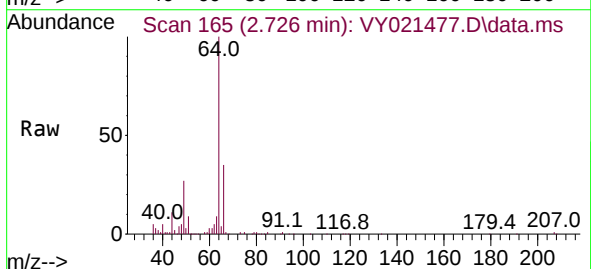
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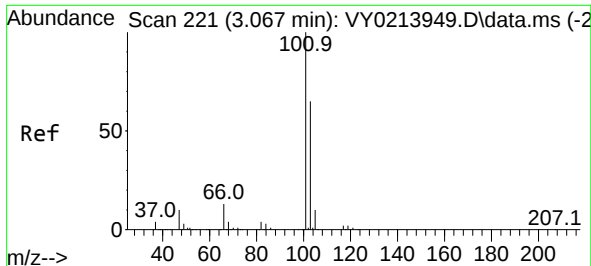
Tgt Ion: 94 Resp: 45581
Ion Ratio Lower Upper
94 100
96 90.4 76.3 114.5



#6
Chloroethane
Concen: 23.359 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 64 Resp: 44919
Ion Ratio Lower Upper
64 100
66 34.5 26.7 40.1

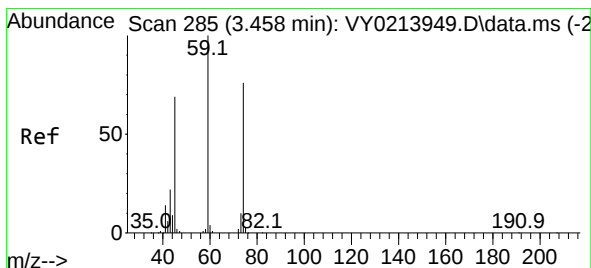
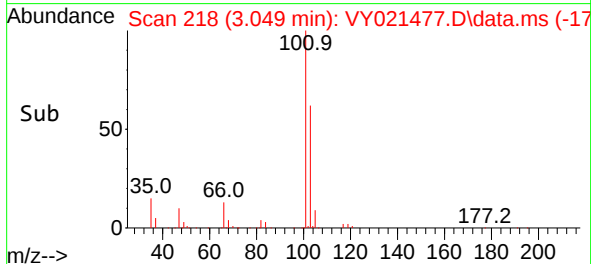
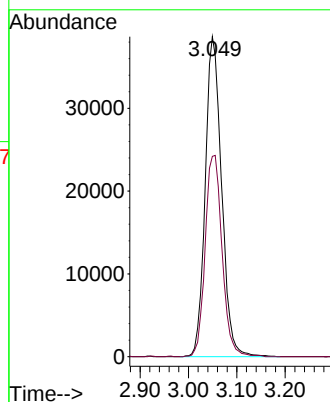
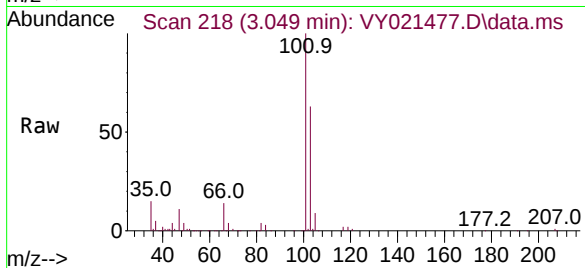




#7
Trichlorofluoromethane
Concen: 22.367 ug/l
RT: 3.049 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

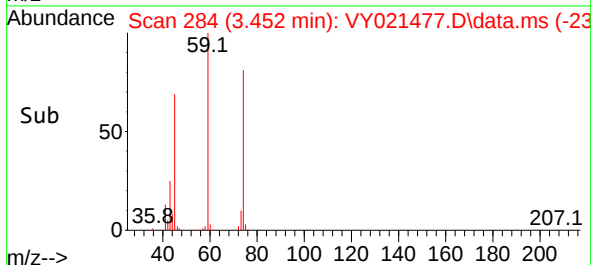
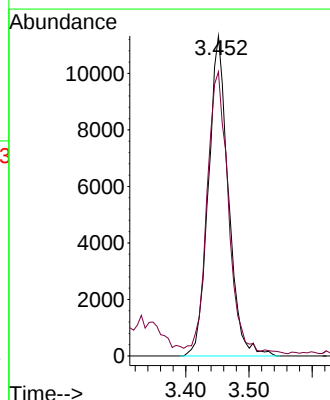
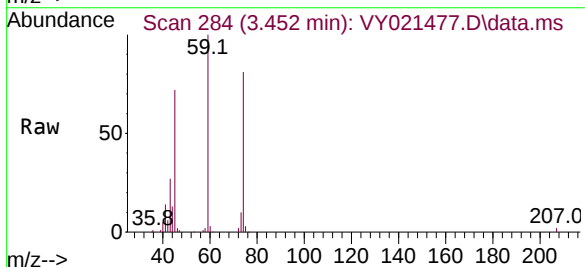
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

Tgt Ion:101 Resp: 90844
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5



#8
Diethyl Ether
Concen: 22.015 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 74 Resp: 24779
Ion Ratio Lower Upper
74 100
45 91.9 49.7 149.1

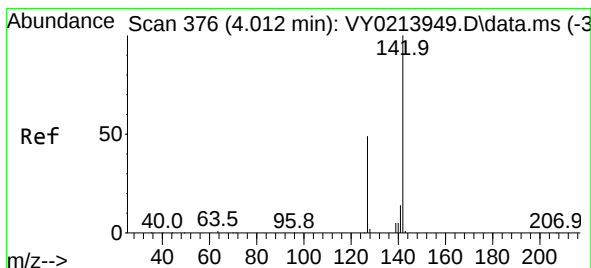
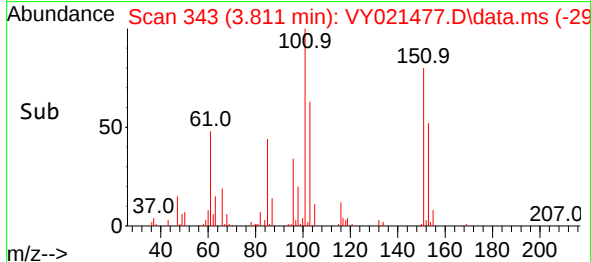
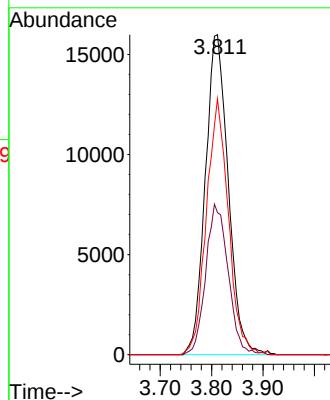
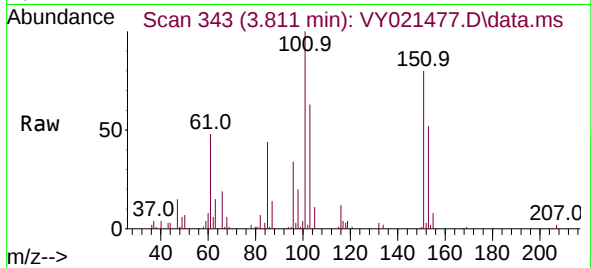




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.370 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021477.D
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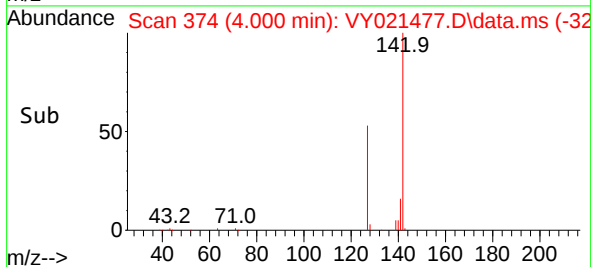
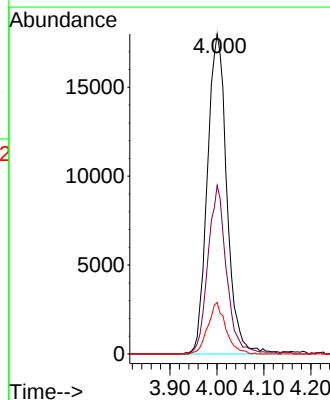
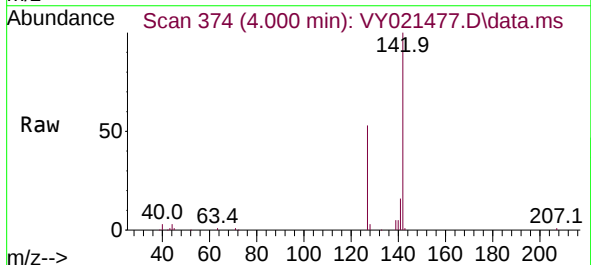
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ClientSampleId :
VY0311SBSD01

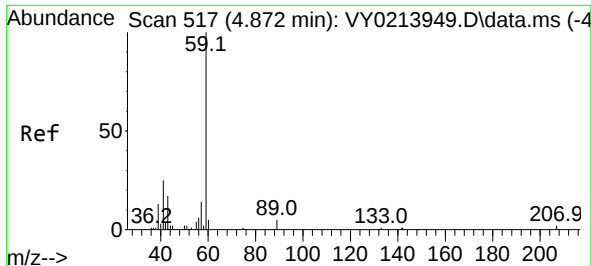
Tgt Ion:101 Resp: 49556
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 76.7 62.1 93.1



#10
Methyl Iodide
Concen: 22.004 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:142 Resp: 51867
Ion Ratio Lower Upper
142 100
127 50.2 39.1 58.7
141 14.9 11.8 17.6

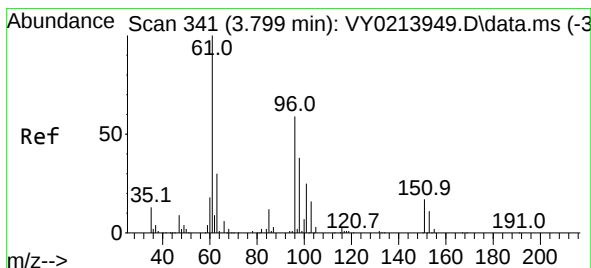
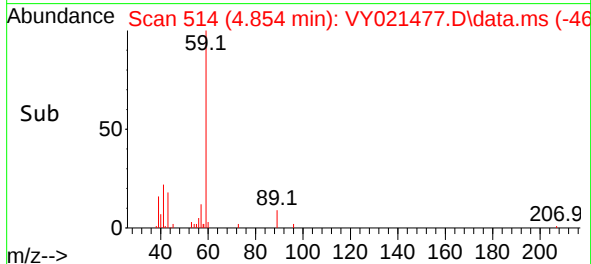
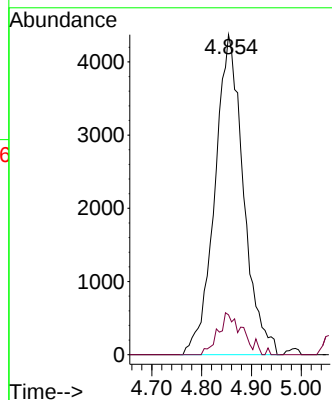
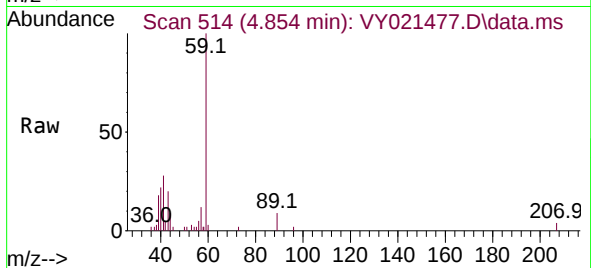




#11
Tert butyl alcohol
Concen: 110.757 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

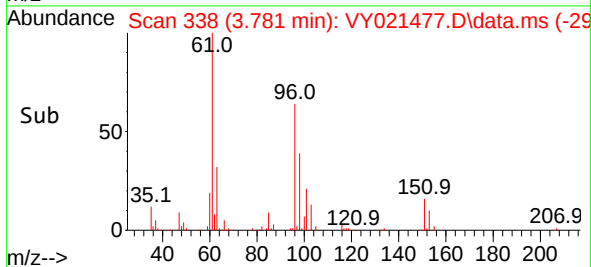
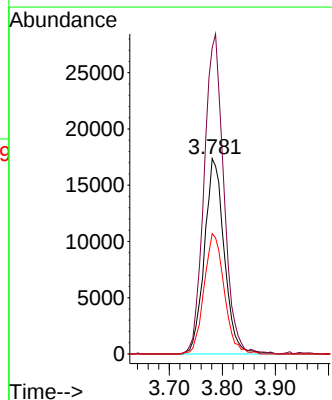
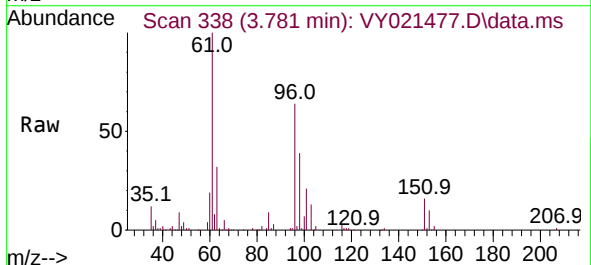
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

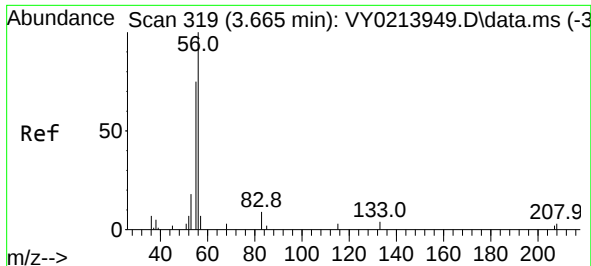
Tgt Ion: 59 Resp: 17440
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 21.305 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 96 Resp: 45043
Ion Ratio Lower Upper
96 100
61 156.7 135.2 202.8
98 61.6 51.4 77.2

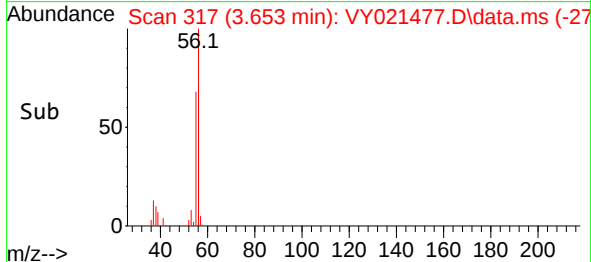
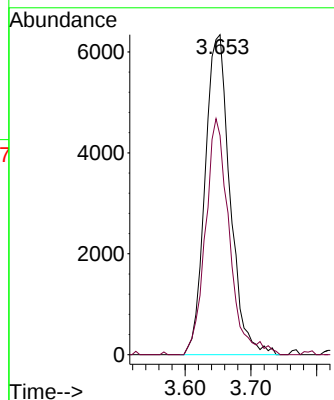
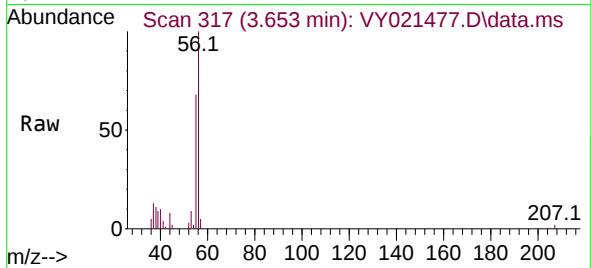




#13
Acrolein
Concen: 150.833 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

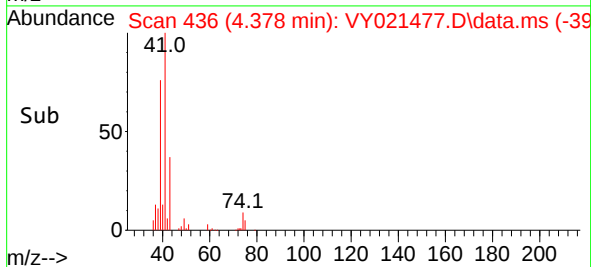
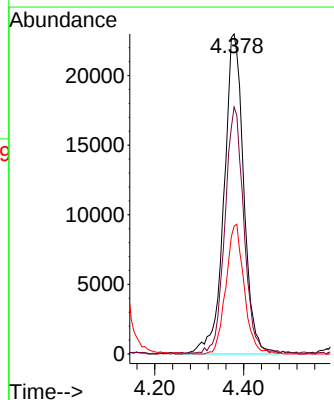
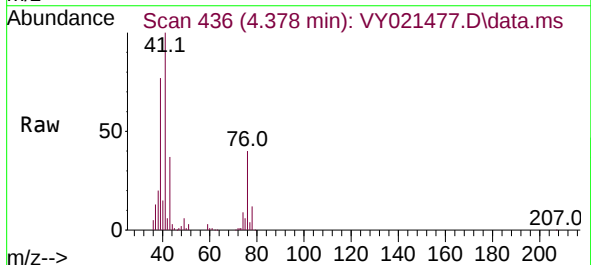
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

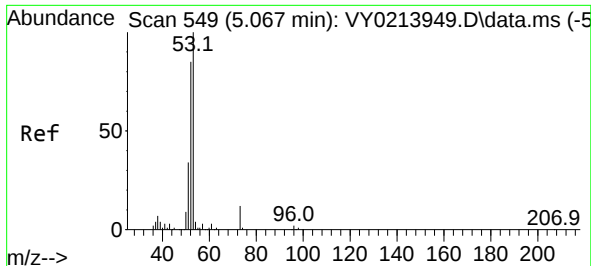
Tgt Ion: 56 Resp: 16689
Ion Ratio Lower Upper
56 100
55 70.6 63.4 95.2



#14
Allyl chloride
Concen: 20.630 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 41 Resp: 70483
Ion Ratio Lower Upper
41 100
39 74.3 59.3 88.9
76 37.5 29.8 44.8

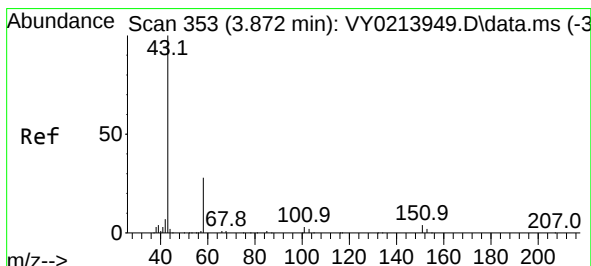
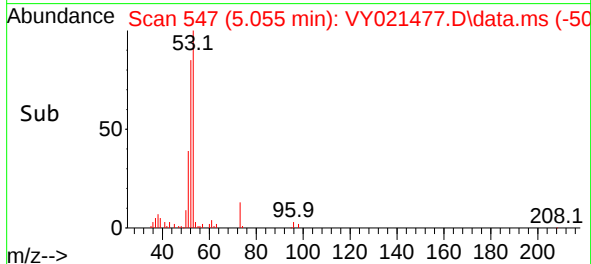
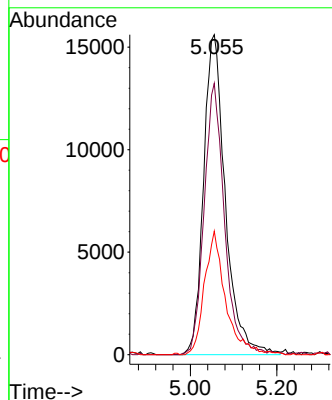
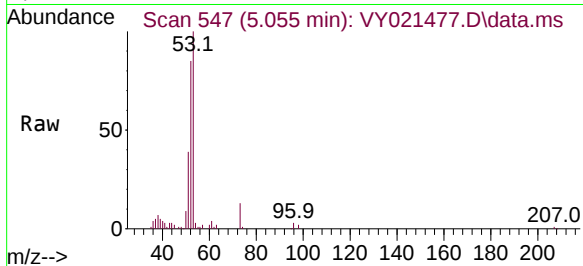




#15
Acrylonitrile
Concen: 113.809 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

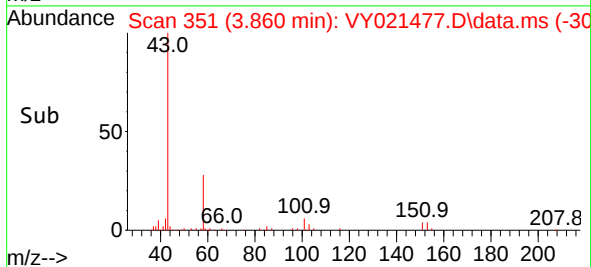
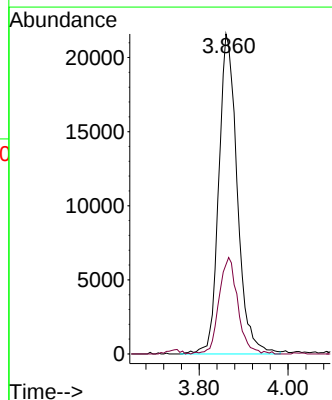
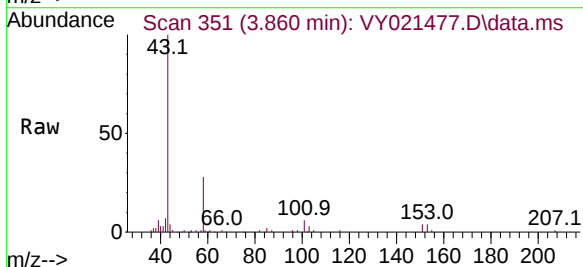
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

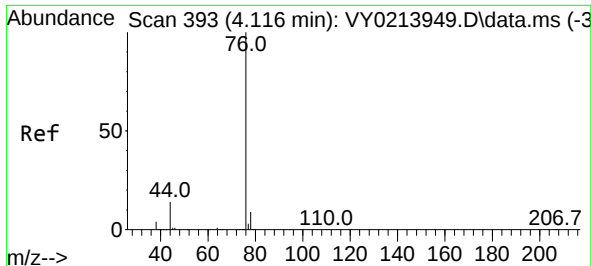
Tgt Ion: 53	Resp: 54531
Ion Ratio	Lower Upper
53	100
52	79.0 66.3 99.5
51	37.0 30.3 45.5



#16
Acetone
Concen: 131.109 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 43	Resp: 62206
Ion Ratio	Lower Upper
43	100
58	27.9 22.1 33.1

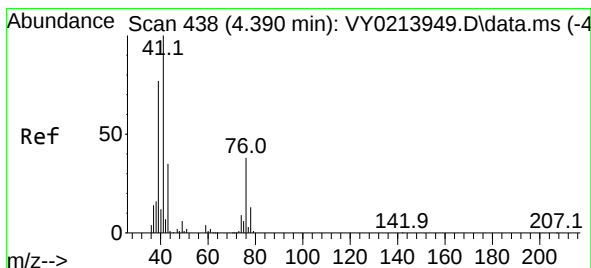
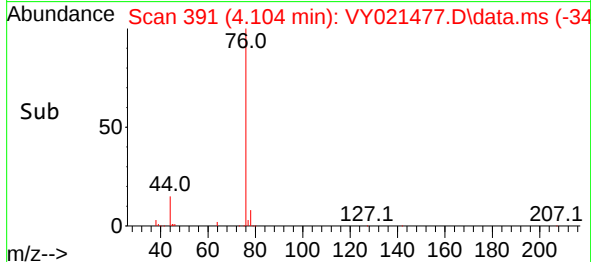
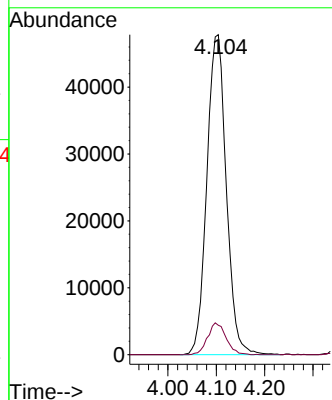
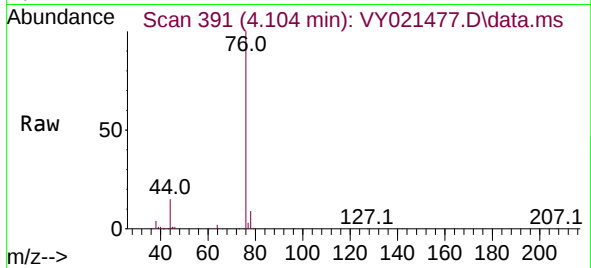




#17
Carbon Disulfide
Concen: 20.131 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

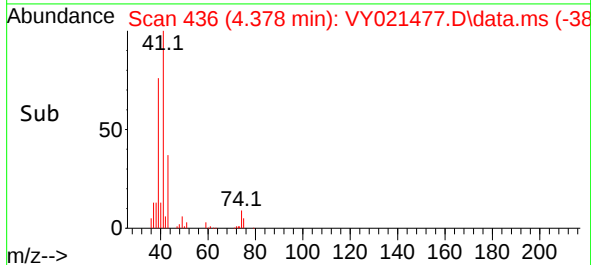
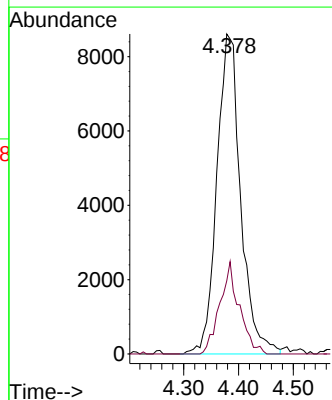
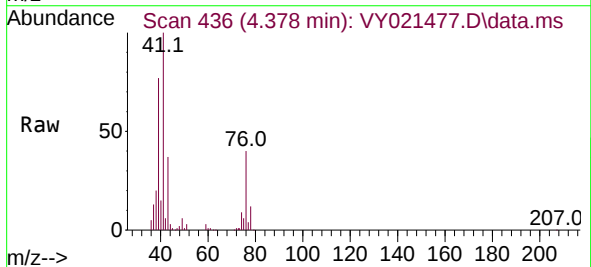
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

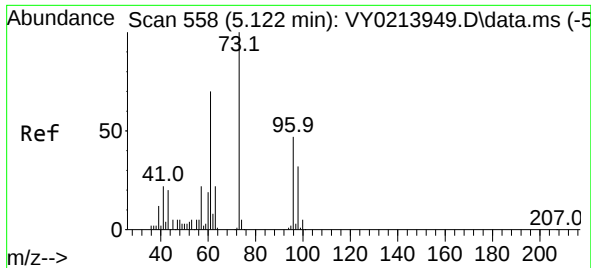
Tgt Ion: 76 Resp: 133379
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 24.670 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 43 Resp: 25971
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0

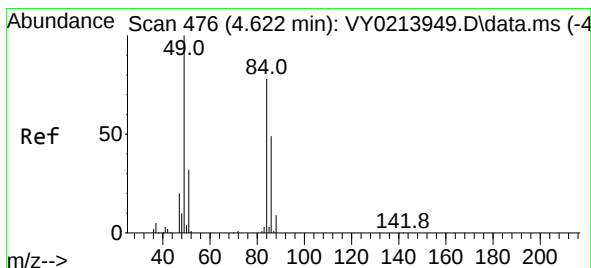
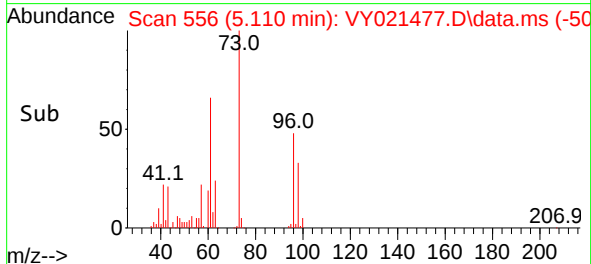
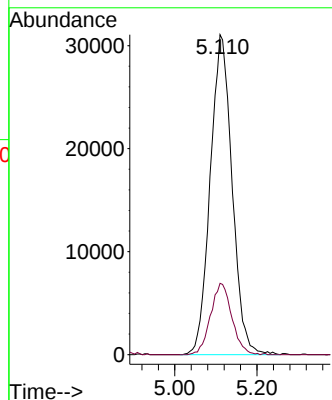
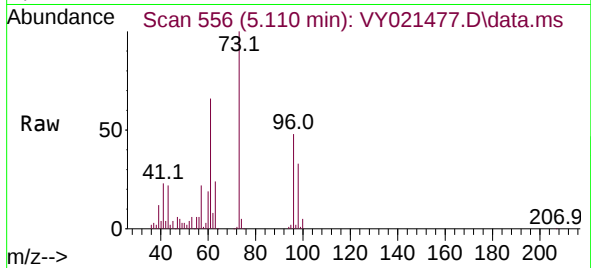




#19
Methyl tert-butyl Ether
Concen: 21.387 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

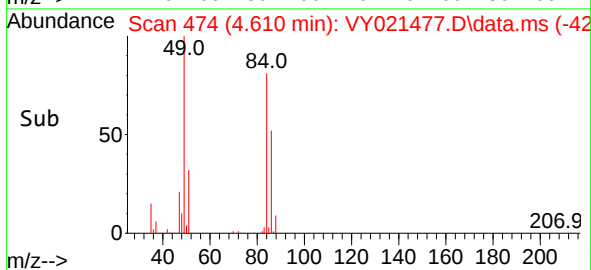
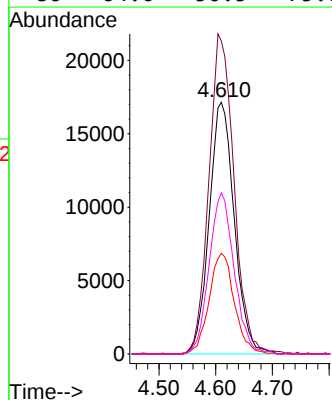
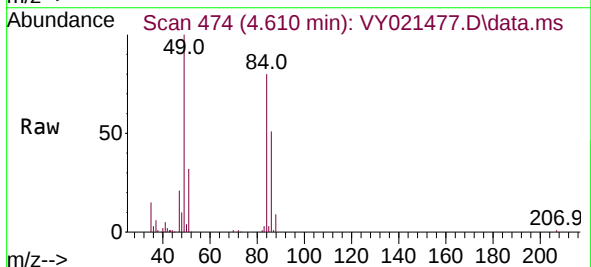
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

Tgt Ion: 73 Resp: 114604
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 21.169 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 84 Resp: 52722
Ion Ratio Lower Upper
84 100
49 124.4 102.0 153.0
51 40.0 33.0 49.6
86 64.0 50.5 75.7

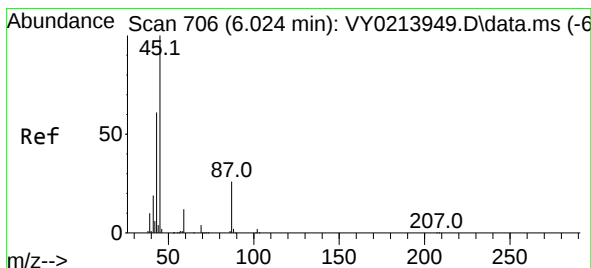
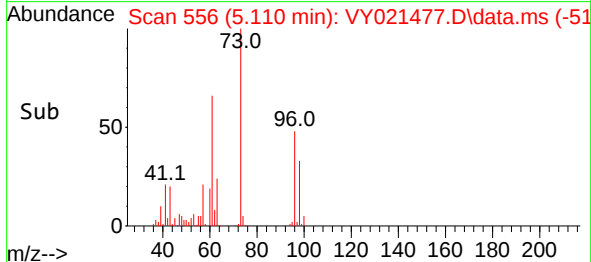
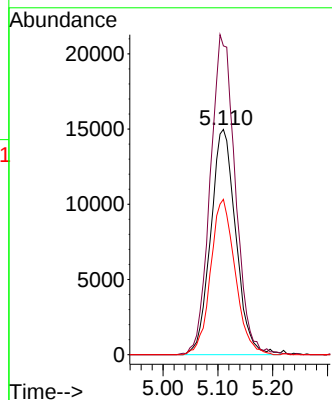
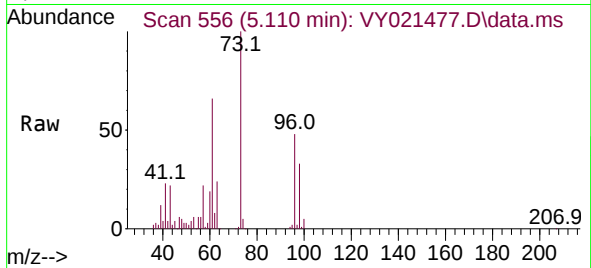




#21
trans-1,2-Dichloroethene
Concen: 20.148 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

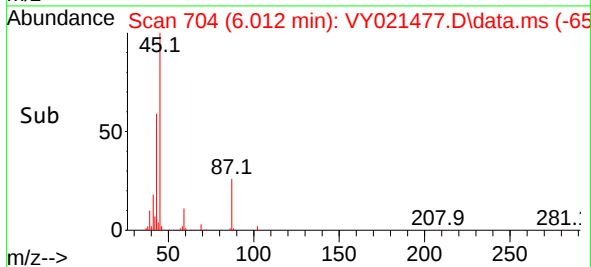
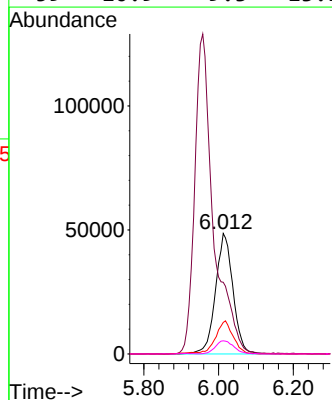
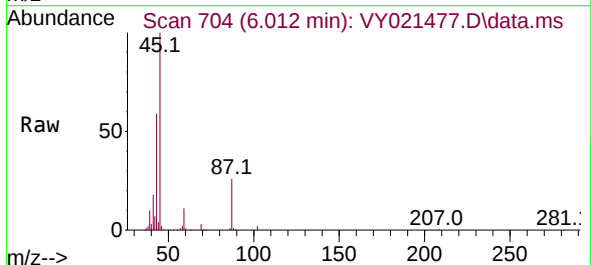
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

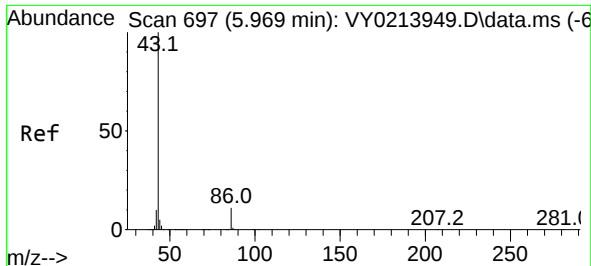
Tgt Ion: 96 Resp: 47703
Ion Ratio Lower Upper
96 100
61 136.8 111.5 167.3
98 69.0 53.8 80.8



#22
Diisopropyl ether
Concen: 21.390 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 45 Resp: 157492
Ion Ratio Lower Upper
45 100
43 58.9 48.7 73.1
87 26.2 21.5 32.3
59 10.9 9.3 13.9

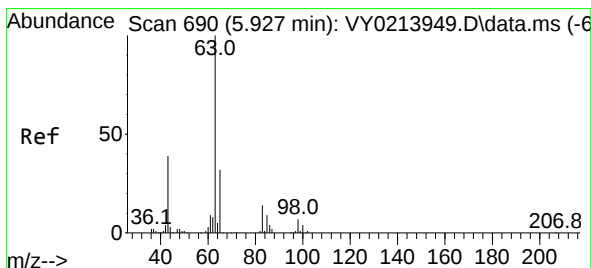
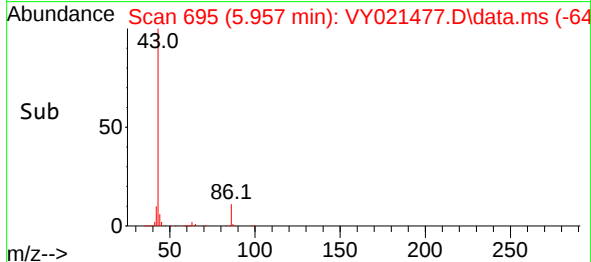
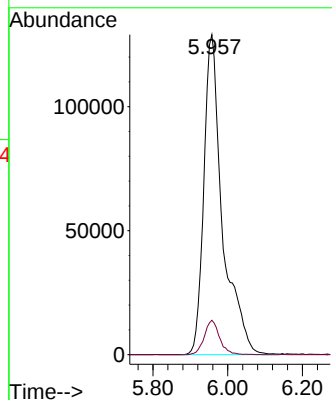
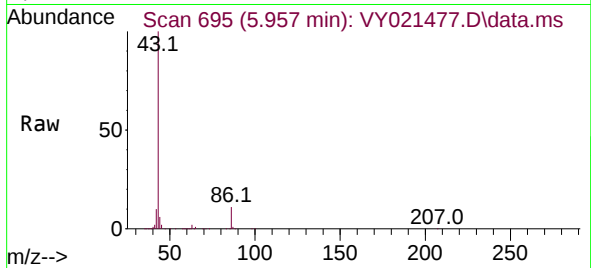




#23
 Vinyl Acetate
 Concen: 106.530 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

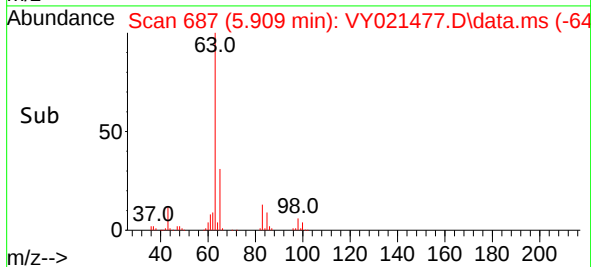
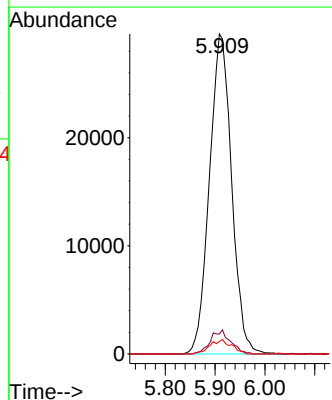
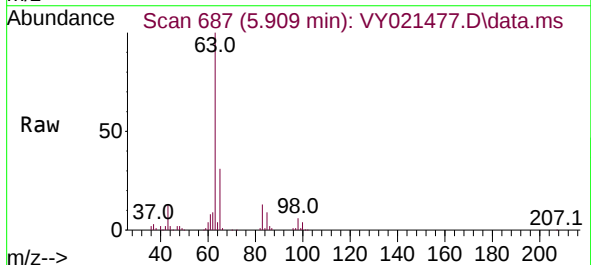
Instrument :
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 ClientSampleId :
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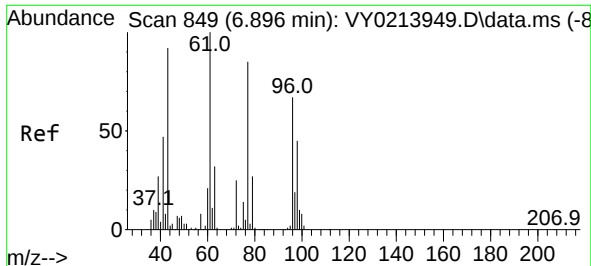
Tgt Ion: 43 Resp: 447652
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.044 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion: 63 Resp: 91448
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.0 2.1 6.5

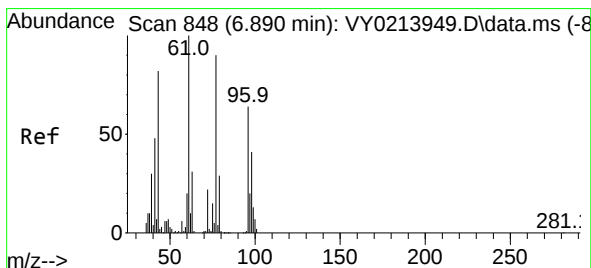
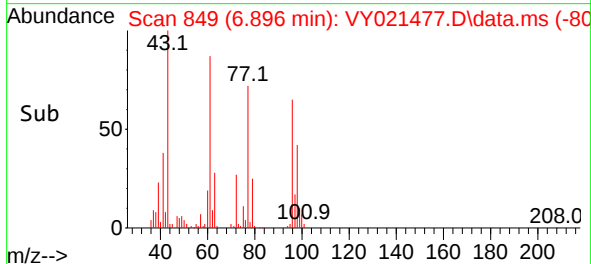
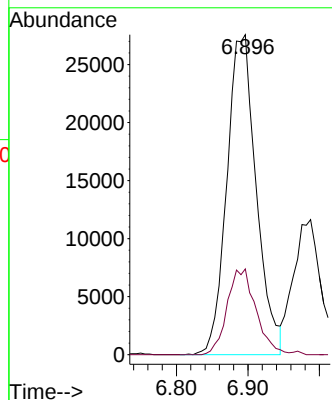
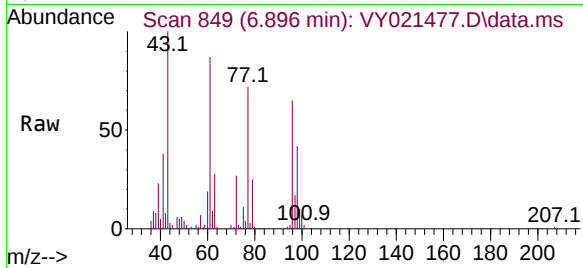




#25
2-Butanone
Concen: 120.181 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

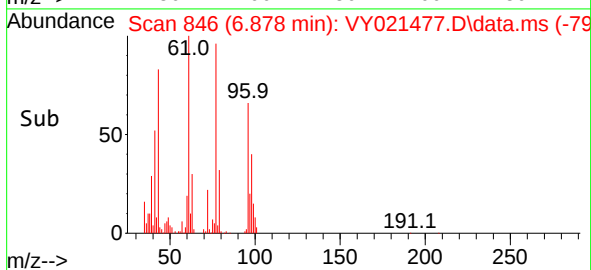
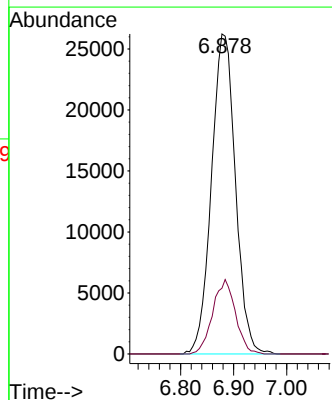
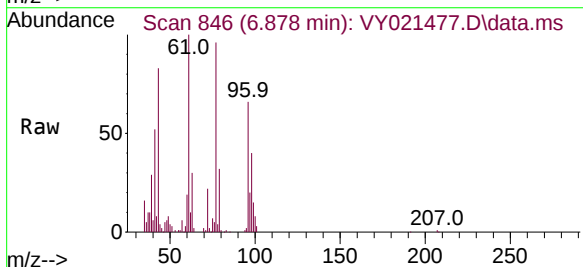
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

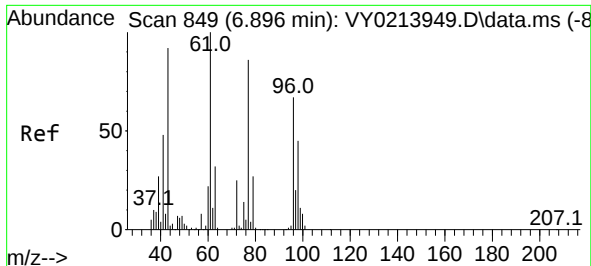
Tgt Ion: 43 Resp: 78877
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.589 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 77 Resp: 82324
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8

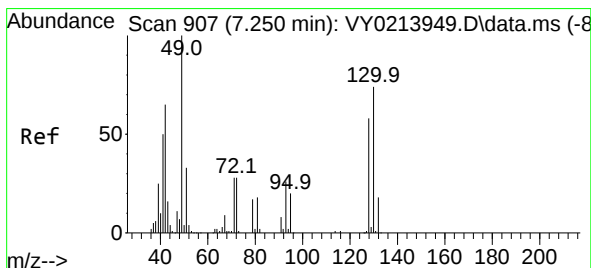
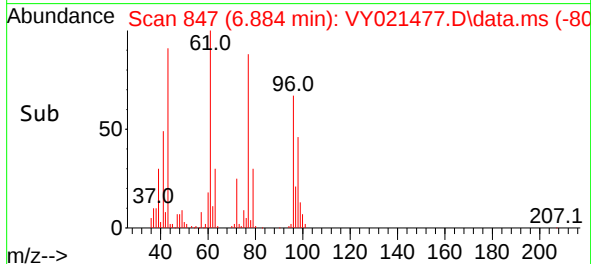
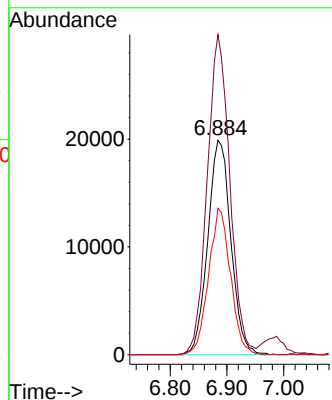
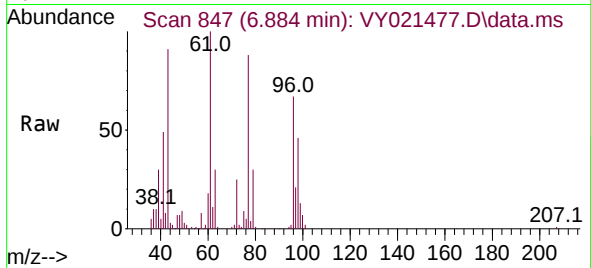




#27
 cis-1,2-Dichloroethene
 Concen: 20.916 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

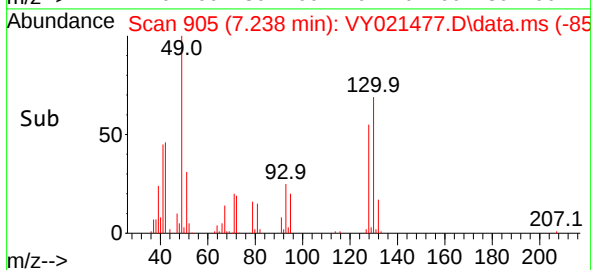
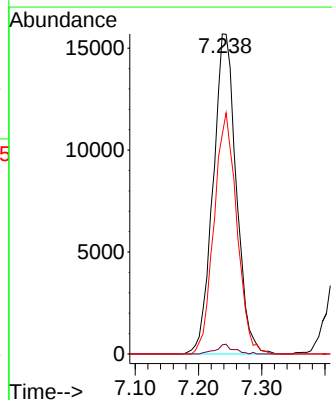
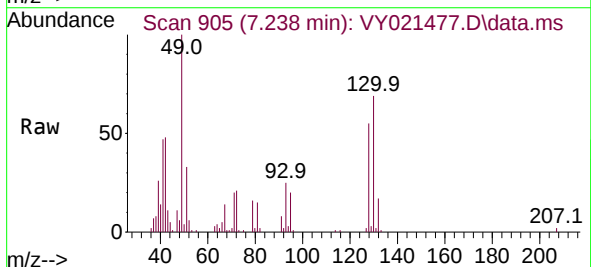
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

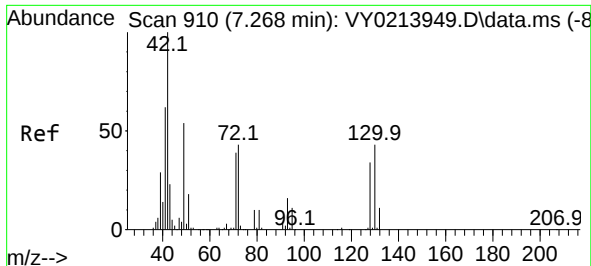
Tgt Ion: 96 Resp: 56260
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 300.8
 98 64.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.920 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion: 49 Resp: 39935
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 73.9 59.6 89.4





#29

Tetrahydrofuran

Concen: 111.553 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

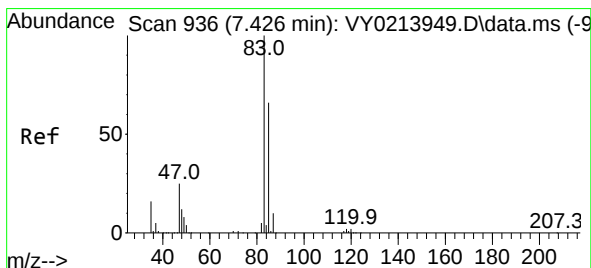
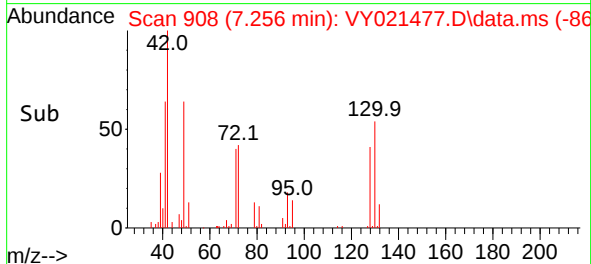
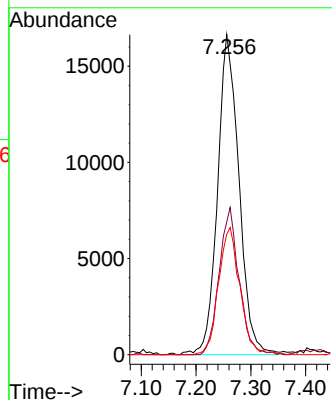
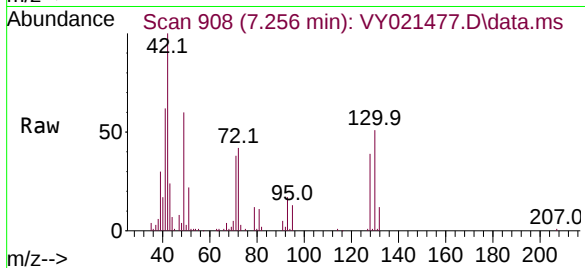
Tgt Ion: 42 Resp: 45199

Ion Ratio Lower Upper

42 100

72 42.9 34.8 52.2

71 39.4 32.6 48.8



#30

Chloroform

Concen: 21.574 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021477.D

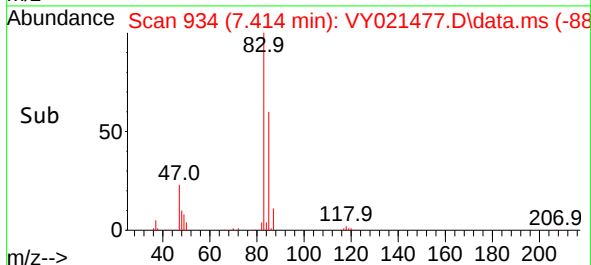
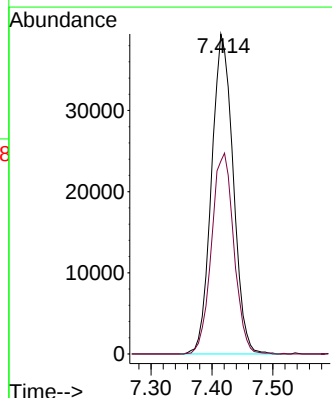
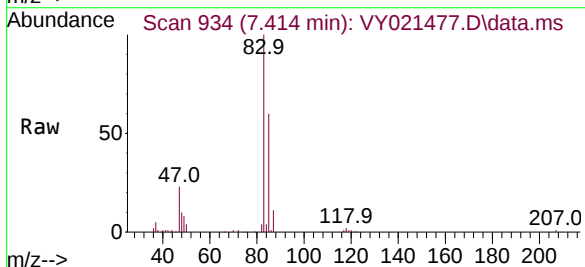
Acq: 11 Mar 2025 11:26

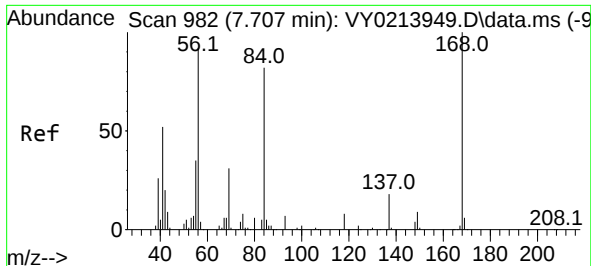
Tgt Ion: 83 Resp: 97353

Ion Ratio Lower Upper

83 100

85 60.2 53.1 79.7





#31

Cyclohexane

Concen: 19.294 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

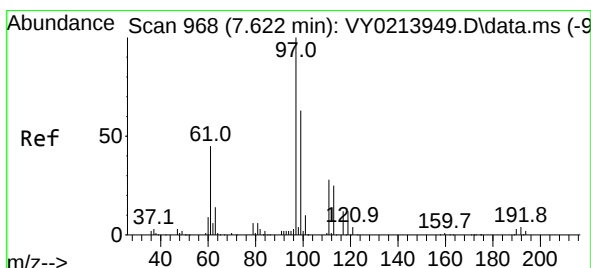
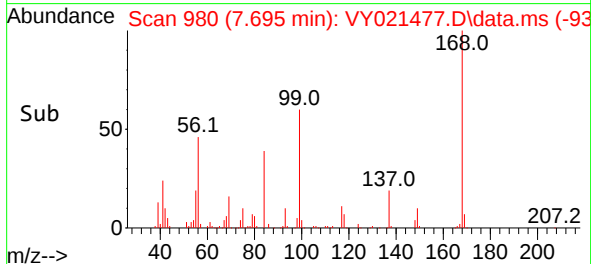
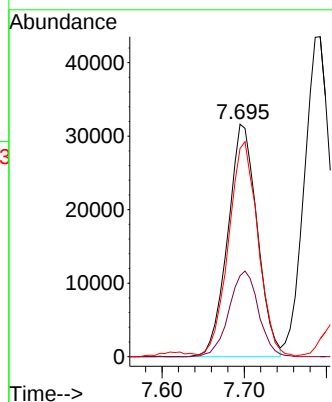
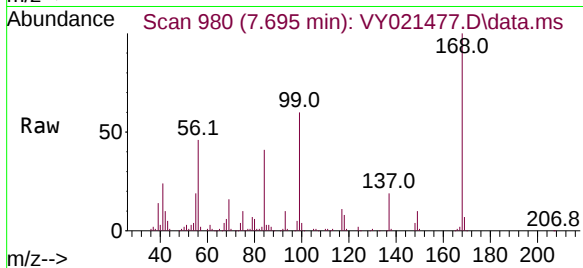
Tgt Ion: 56 Resp: 78605

Ion Ratio Lower Upper

56 100

69 34.8 27.0 40.4

84 87.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 20.845 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

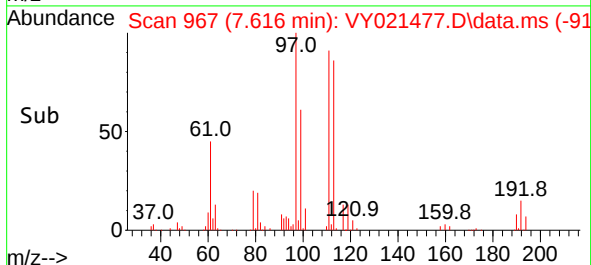
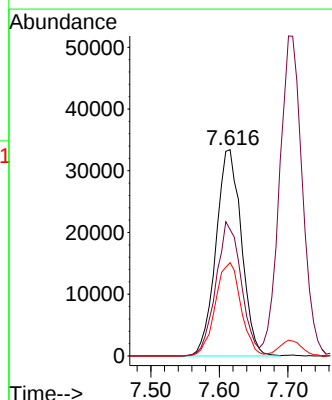
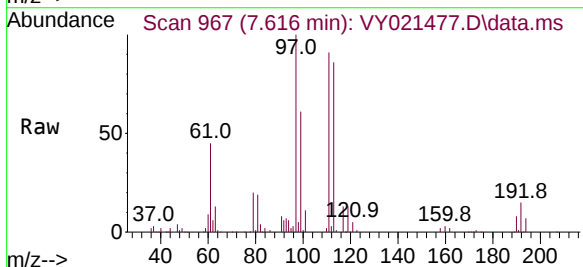
Tgt Ion: 97 Resp: 86126

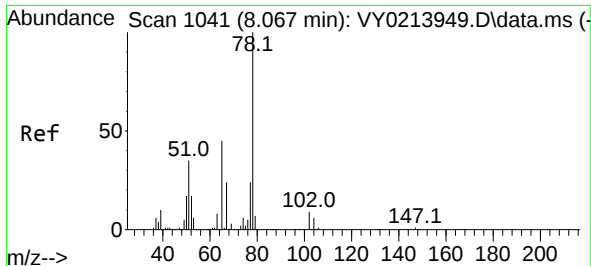
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 54.372 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

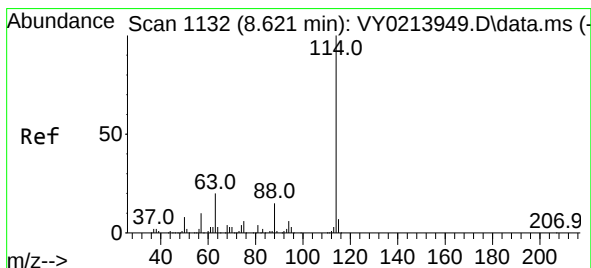
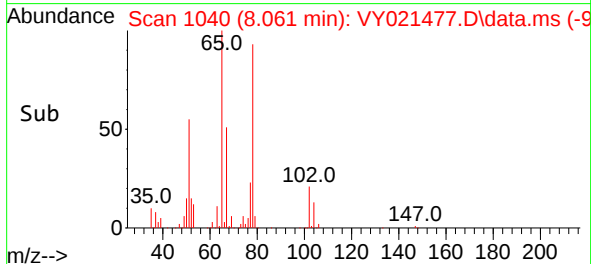
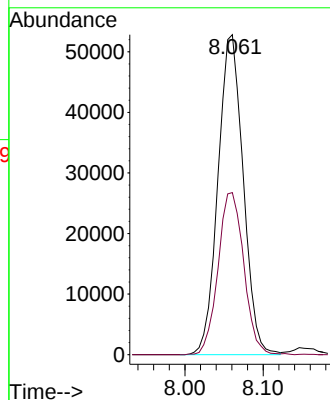
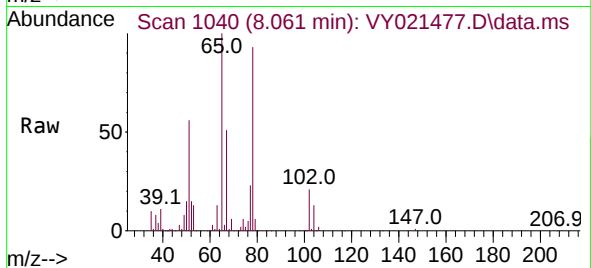
VY0311SBSD01

Tgt Ion: 65 Resp: 118276

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

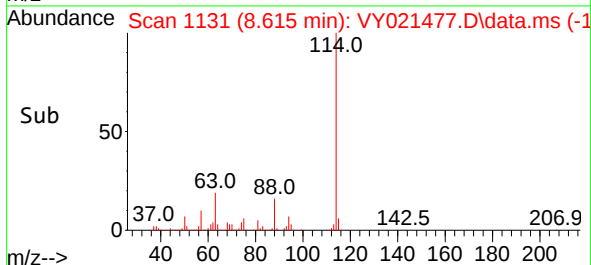
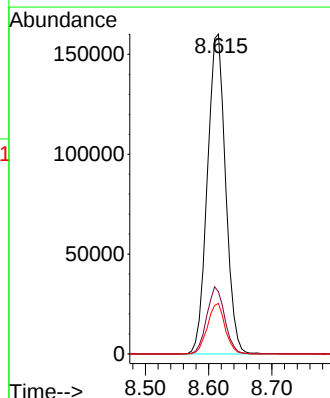
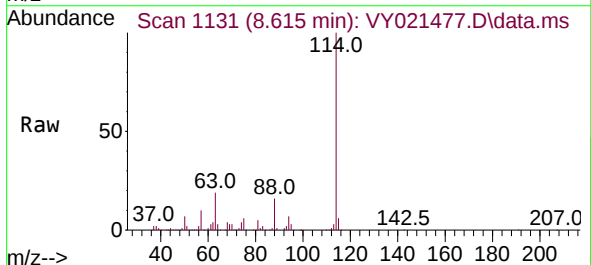
Tgt Ion:114 Resp: 320893

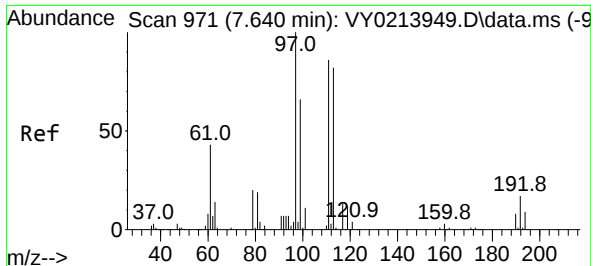
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 15.8 0.0 30.8

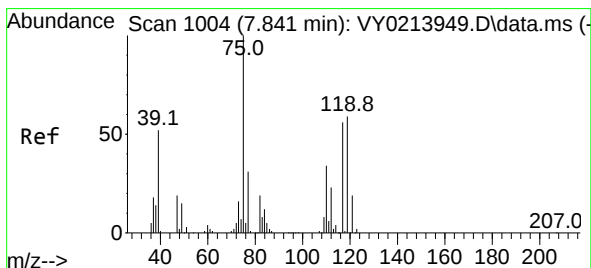
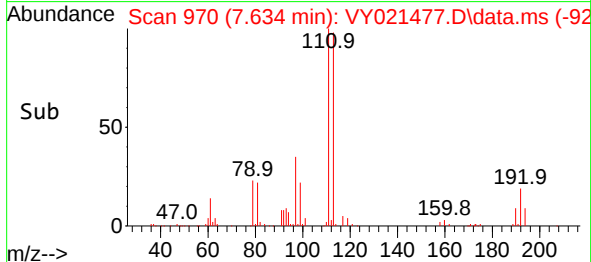
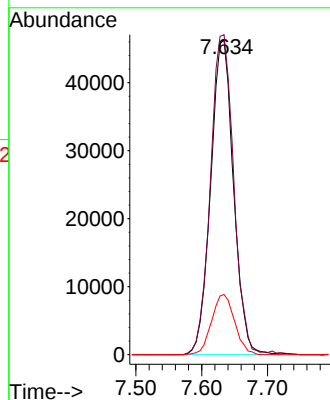
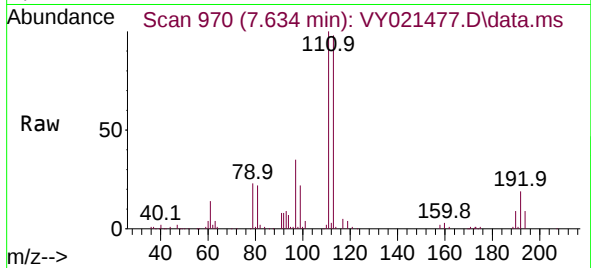




#35
Dibromofluoromethane
Concen: 53.008 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

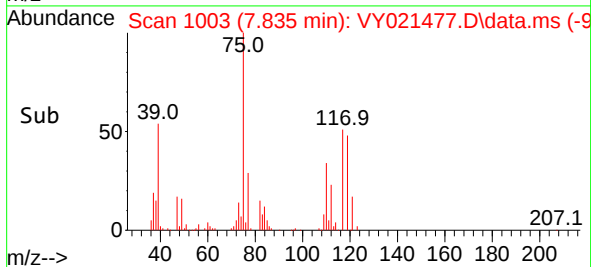
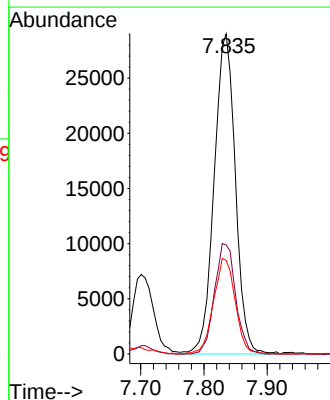
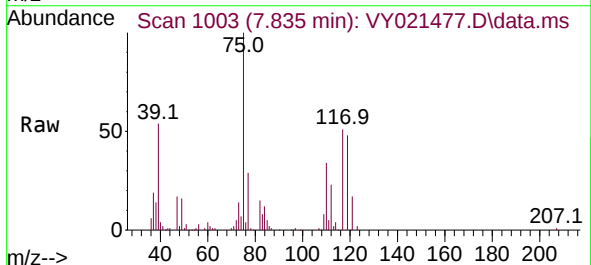
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

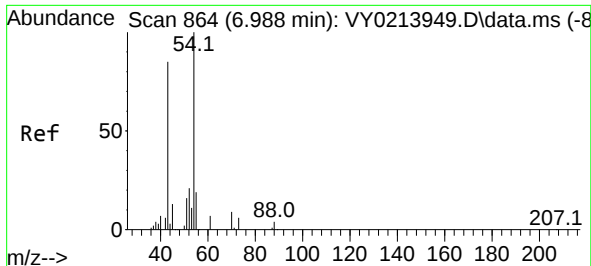
Tgt Ion:113 Resp: 111808
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.444 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 75 Resp: 67500
Ion Ratio Lower Upper
75 100
110 34.3 17.3 51.7
77 30.4 25.4 38.2





#37

Ethyl Acetate

Concen: 21.778 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

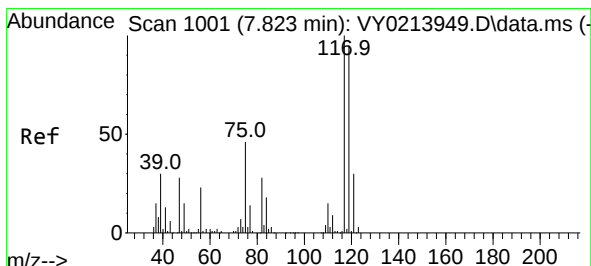
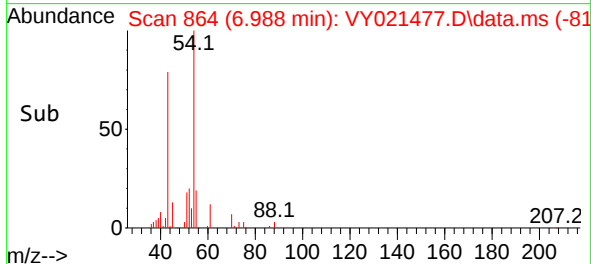
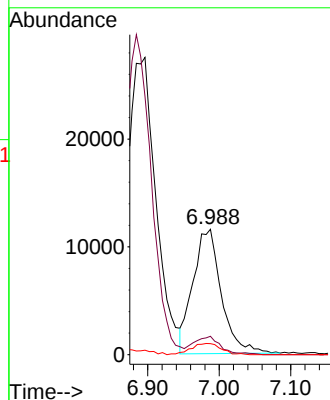
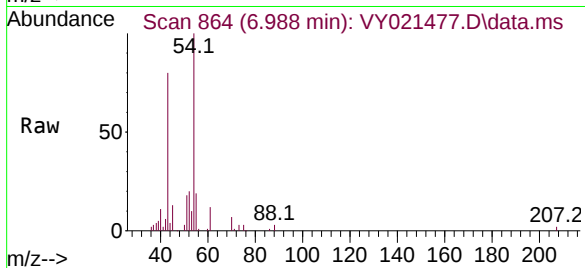
Tgt Ion: 43 Resp: 31780

Ion Ratio Lower Upper

43 100

61 14.0 11.4 17.0

70 9.6 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.568 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

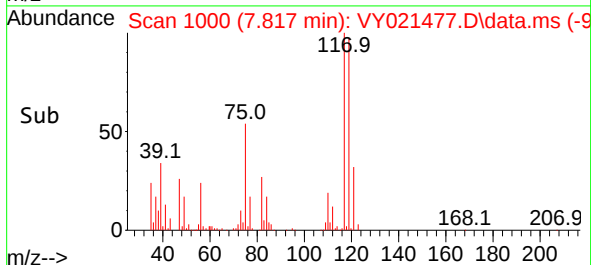
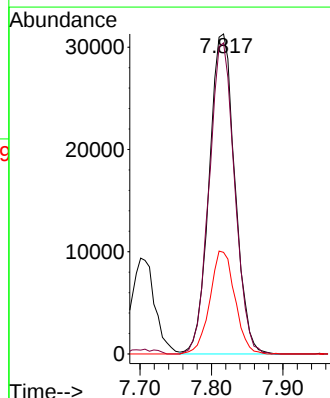
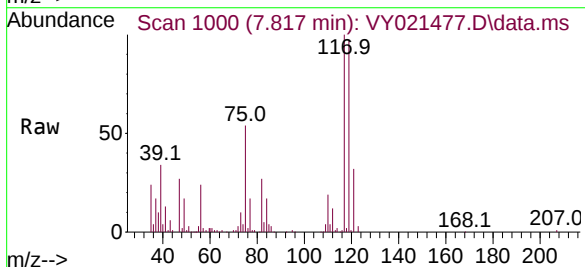
Tgt Ion: 117 Resp: 78099

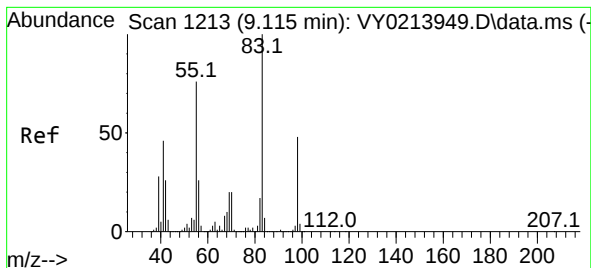
Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

121 31.8 23.9 35.9

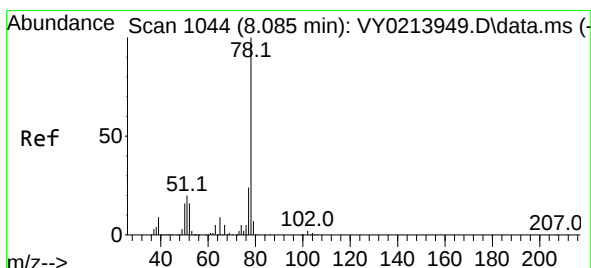
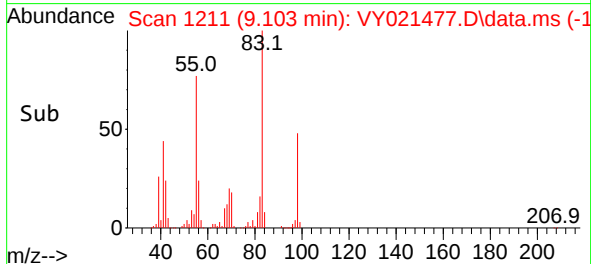
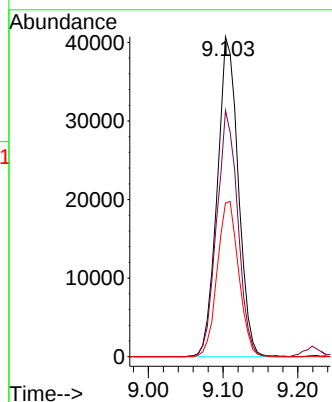
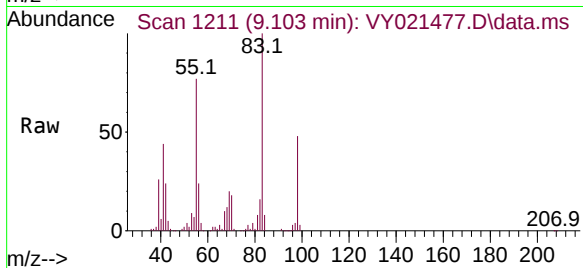




#39
Methylcyclohexane
Concen: 19.648 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

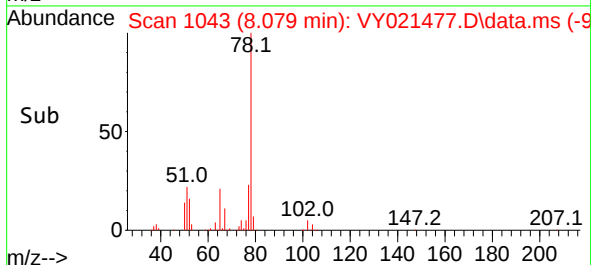
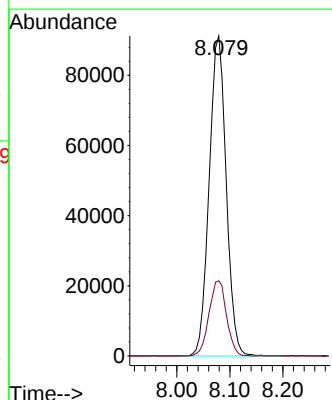
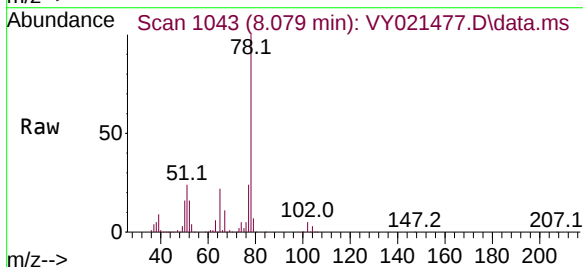
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

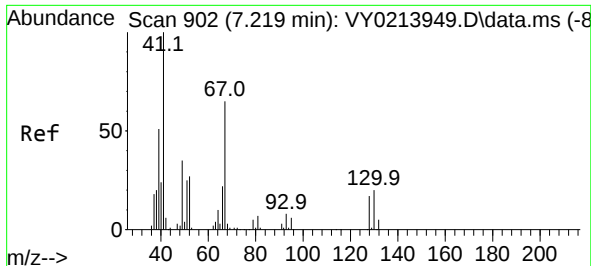
Tgt Ion: 83 Resp: 79572
Ion Ratio Lower Upper
83 100
55 76.9 60.7 91.1
98 48.1 38.6 57.8



#40
Benzene
Concen: 20.897 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 78 Resp: 203249
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

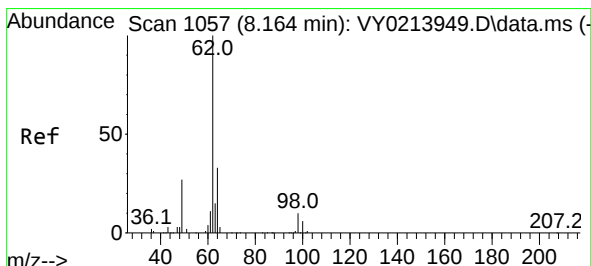
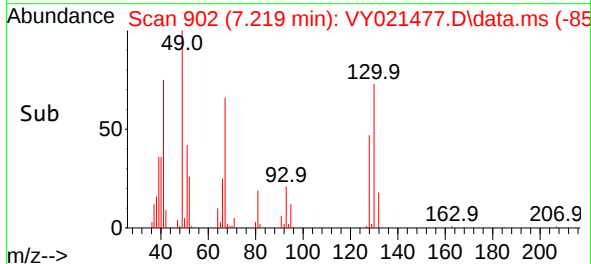
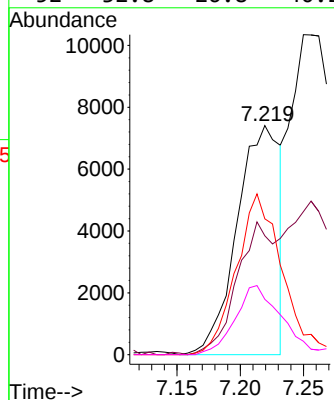
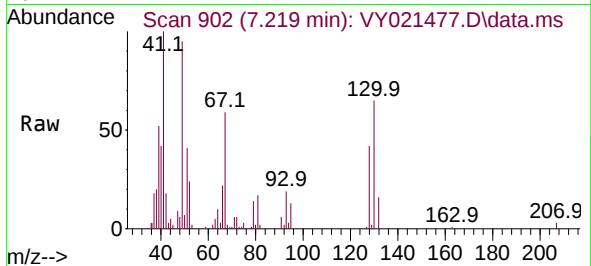




#41
Methacrylonitrile
Concen: 22.087 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

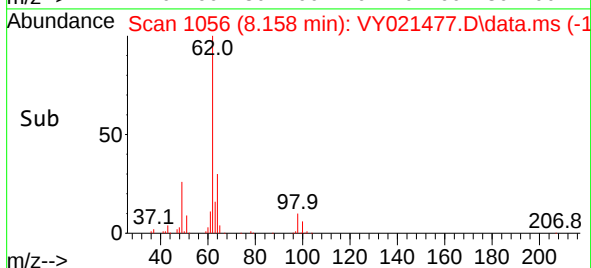
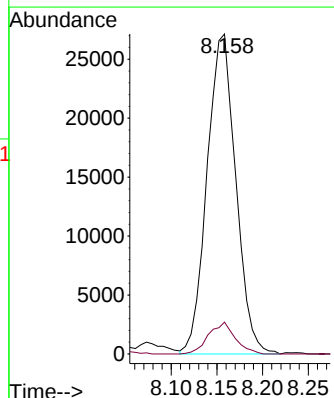
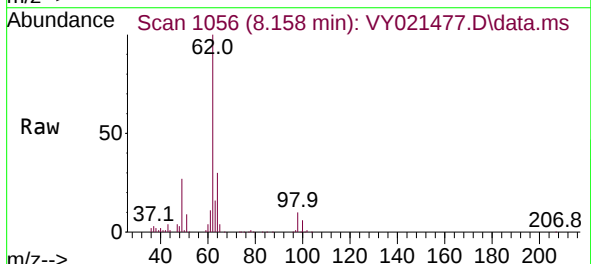
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

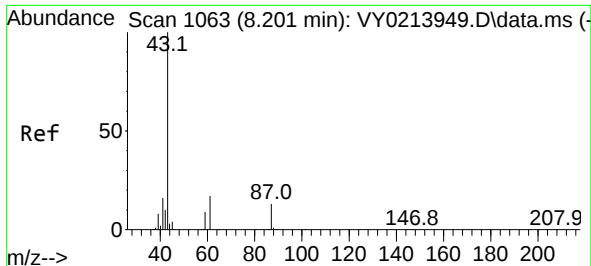
Tgt Ion:	41	Resp:	17550
Ion	Ratio	Lower	Upper
41	100		
39	47.2	35.0	52.6
67	74.3	61.2	91.8
52	32.8	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.814 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:	62	Resp:	59353
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2

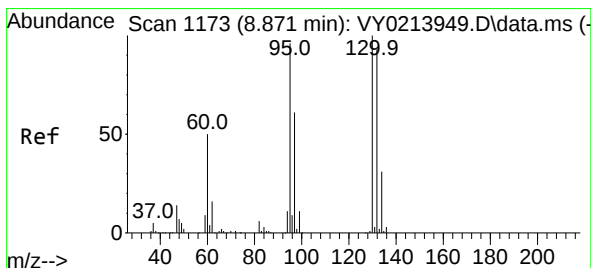
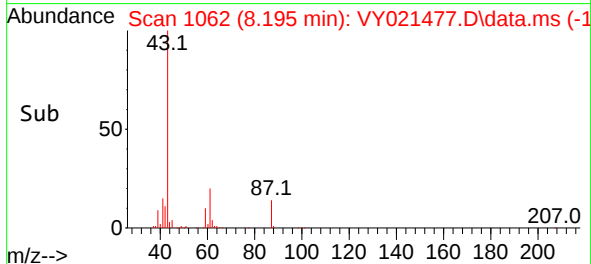
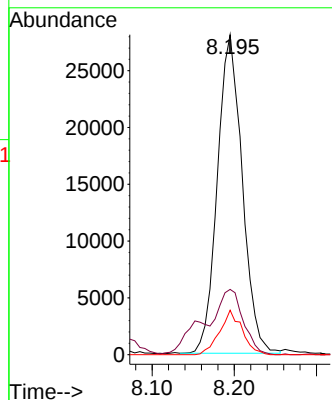
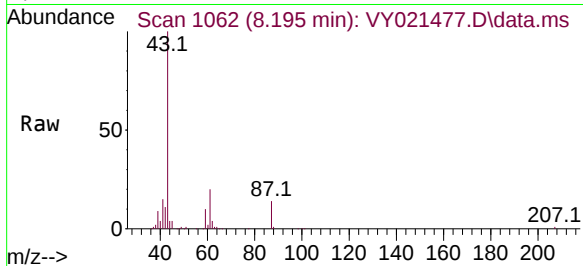




#43
Isopropyl Acetate
Concen: 20.824 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

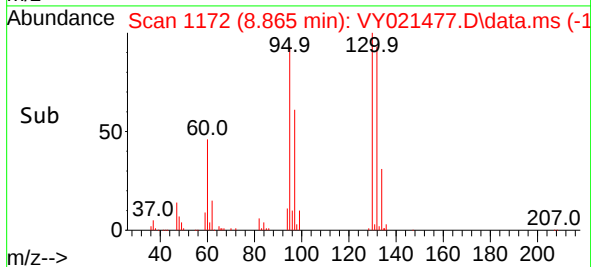
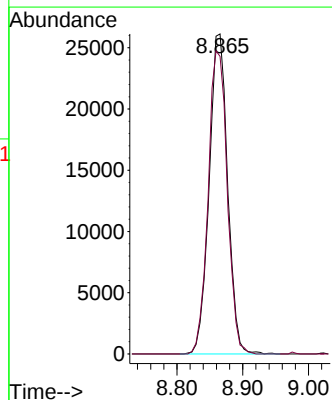
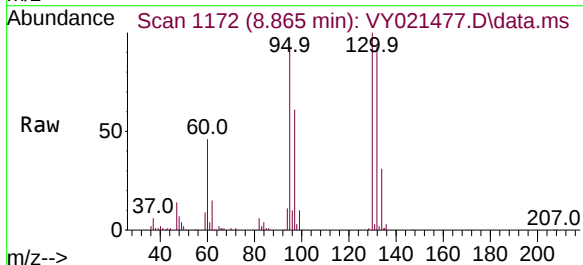
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

Tgt Ion: 43 Resp: 58991
Ion Ratio Lower Upper
43 100
61 20.9 23.4 35.0#
87 12.7 10.5 15.7



#44
Trichloroethene
Concen: 20.810 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:130 Resp: 51146
Ion Ratio Lower Upper
130 100
95 93.0 0.0 191.6

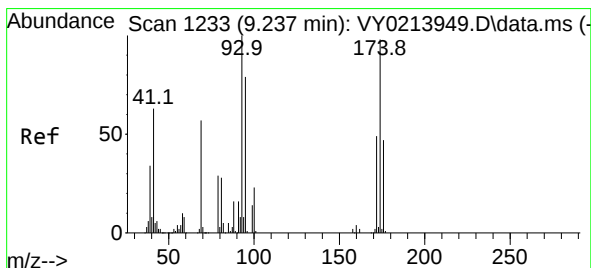
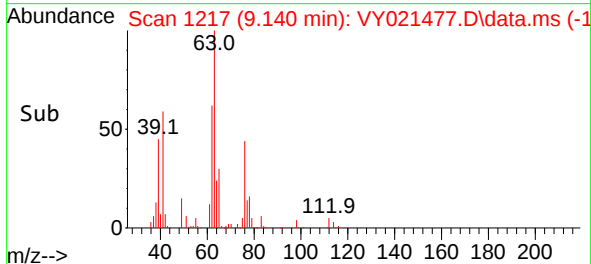
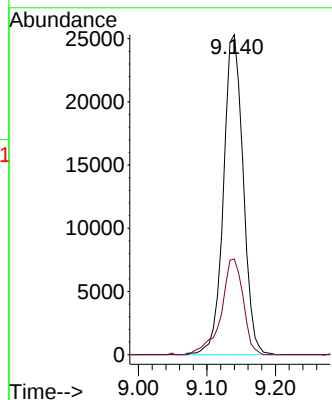
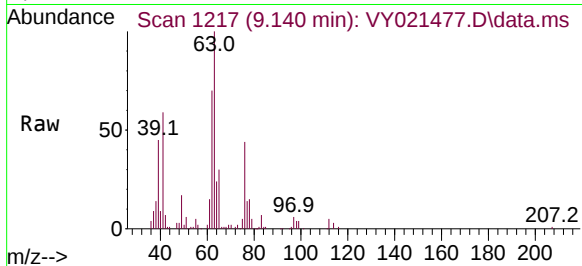




#45
1,2-Dichloropropane
Concen: 21.750 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

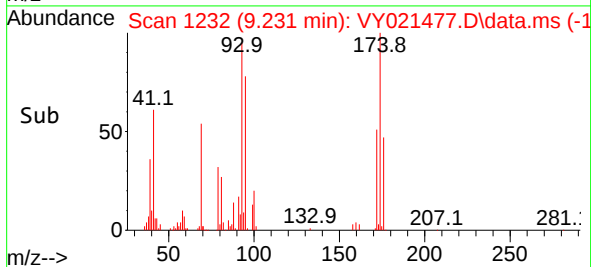
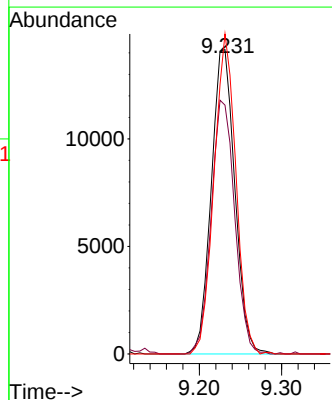
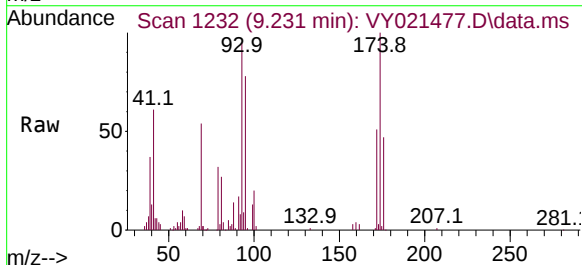
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

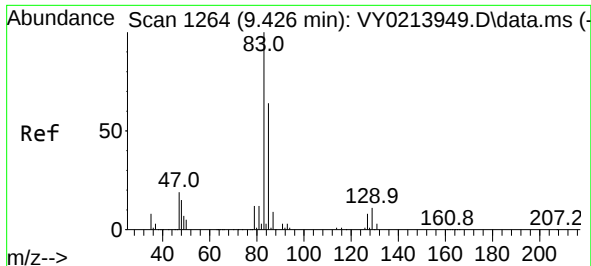
Tgt Ion: 63 Resp: 50348
Ion Ratio Lower Upper
63 100
65 29.9 26.0 39.0



#46
Dibromomethane
Concen: 21.906 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 93 Resp: 28214
Ion Ratio Lower Upper
93 100
95 83.0 65.8 98.8
174 97.6 77.9 116.9

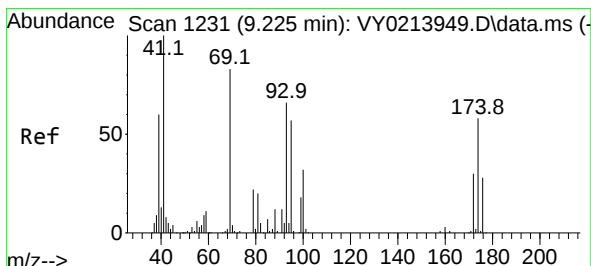
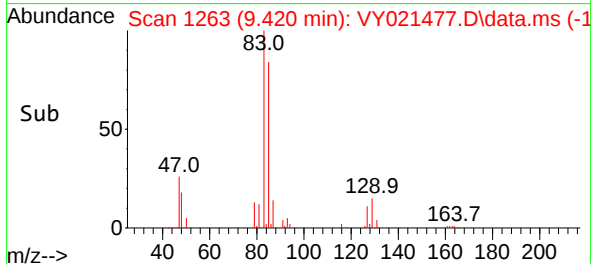
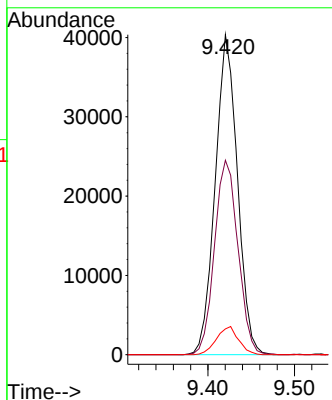
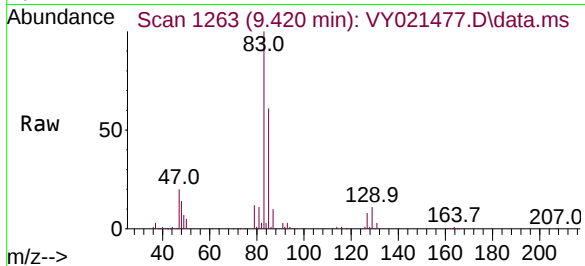




#47
Bromodichloromethane
Concen: 21.044 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

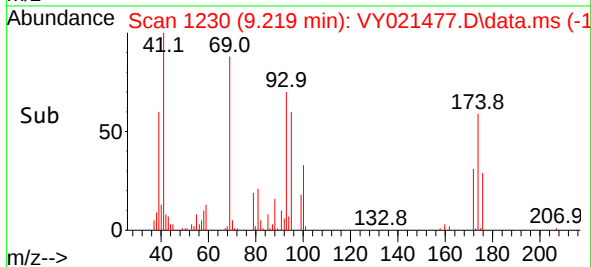
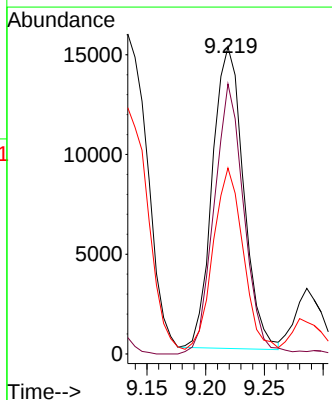
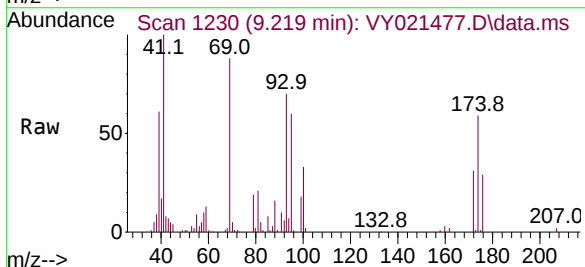
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

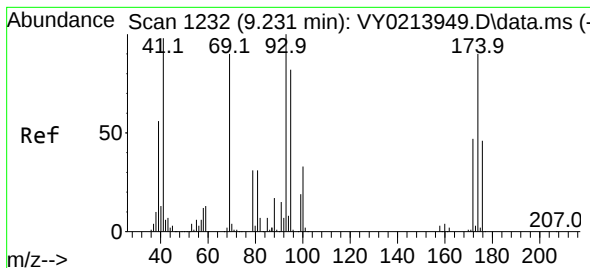
Tgt Ion: 83 Resp: 71979
Ion Ratio Lower Upper
83 100
85 60.8 51.1 76.7
127 8.1 6.7 10.1



#48
Methyl methacrylate
Concen: 21.409 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 41 Resp: 27850
Ion Ratio Lower Upper
41 100
69 86.0 67.8 101.8
39 58.3 46.4 69.6





#49

1,4-Dioxane

Concen: 471.132 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

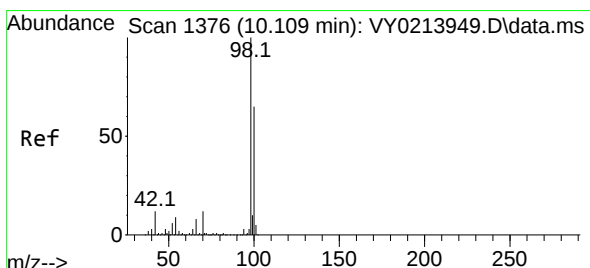
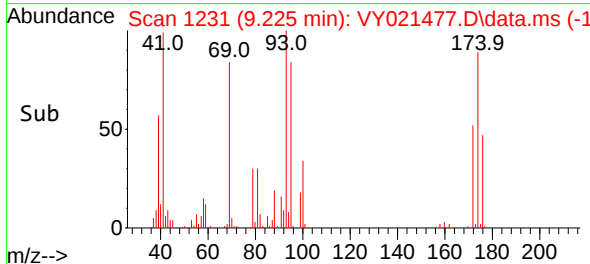
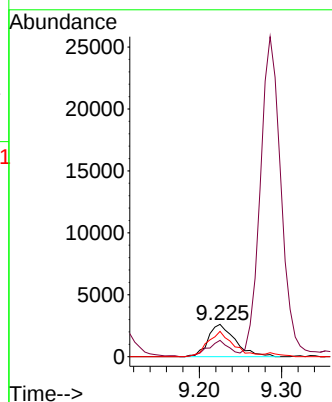
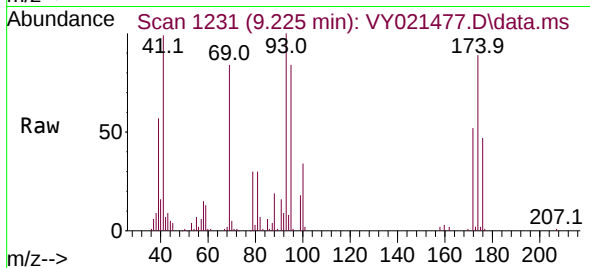
Tgt Ion: 88 Resp: 5956

Ion Ratio Lower Upper

88 100

43 40.8 25.0 37.4#

58 73.6 58.4 87.6



#50

Toluene-d8

Concen: 52.190 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021477.D

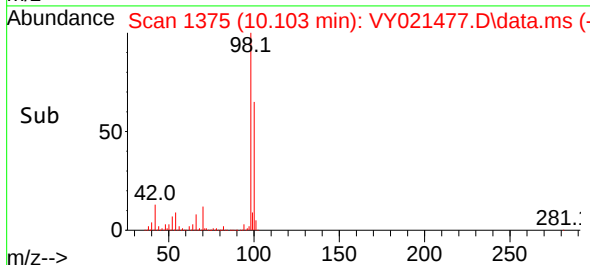
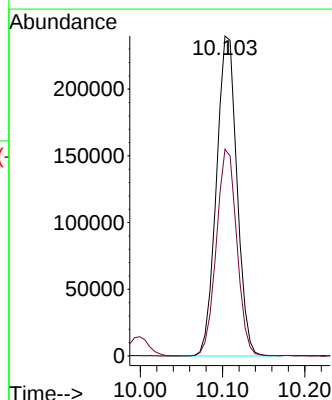
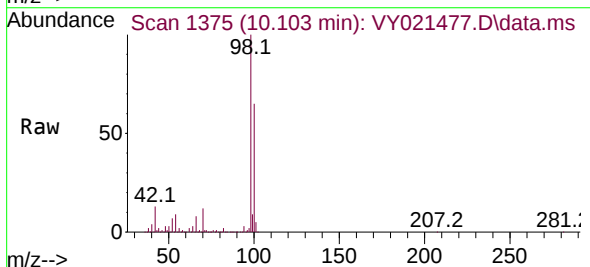
Acq: 11 Mar 2025 11:26

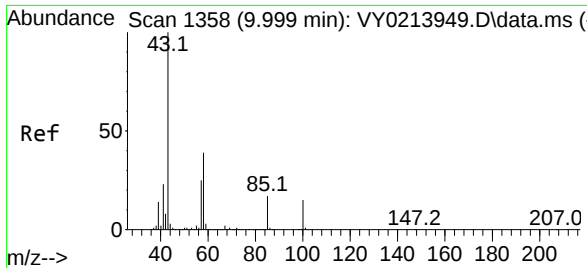
Tgt Ion: 98 Resp: 416806

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

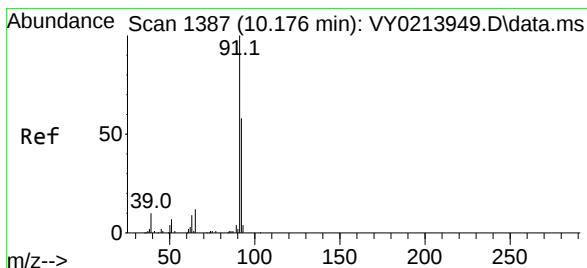
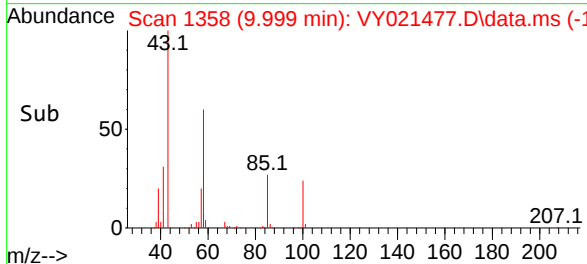
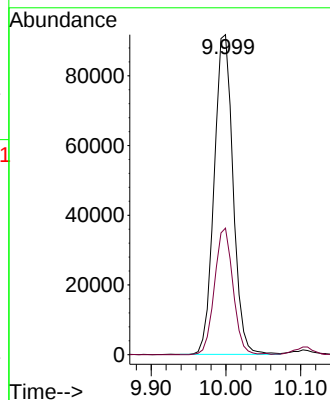
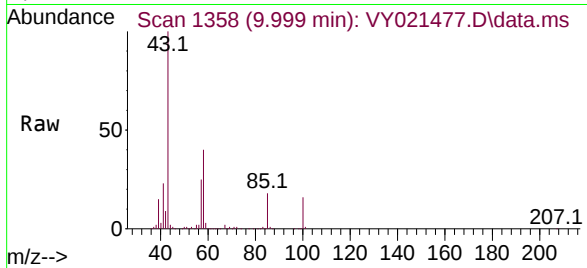




#51
4-Methyl-2-Pentanone
Concen: 110.346 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

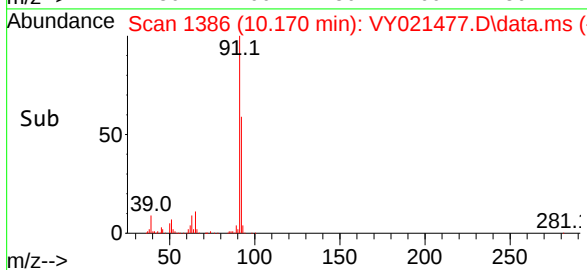
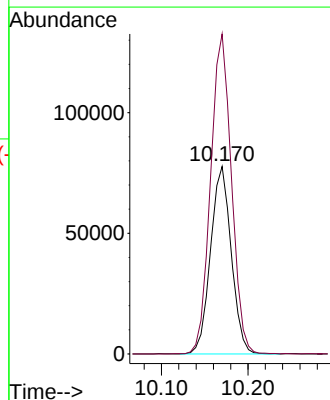
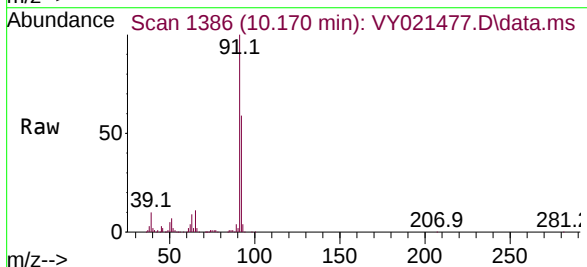
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

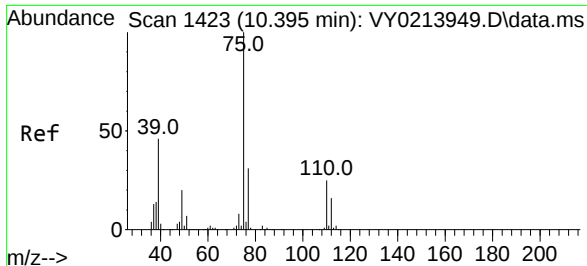
Tgt Ion: 43 Resp: 161289
Ion Ratio Lower Upper
43 100
58 39.0 31.4 47.2



#52
Toluene
Concen: 21.023 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 92 Resp: 128907
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2

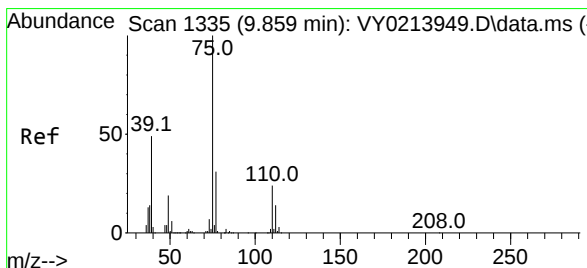
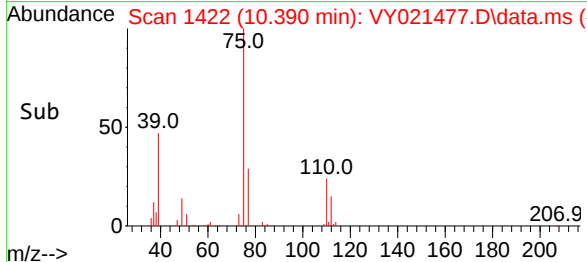
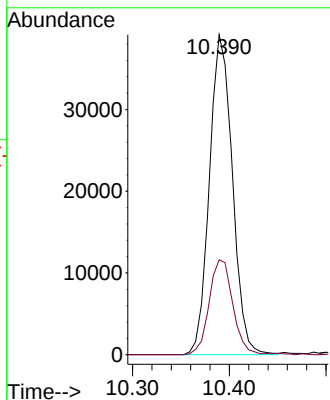
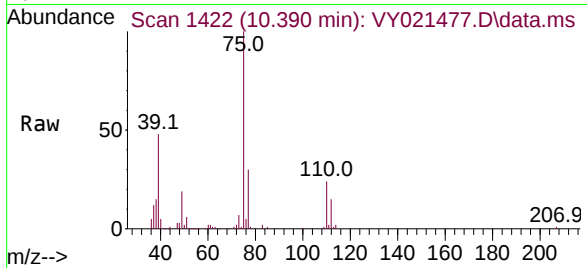




#53
 t-1,3-Dichloropropene
 Concen: 21.454 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

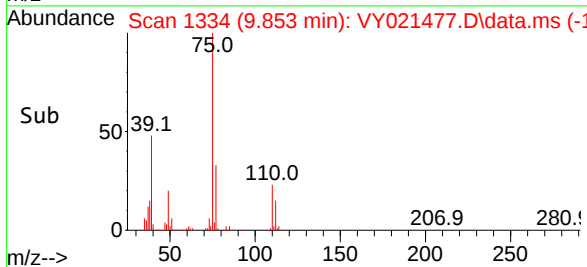
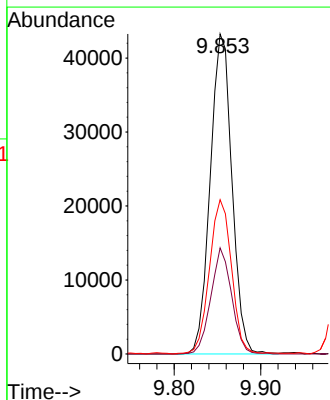
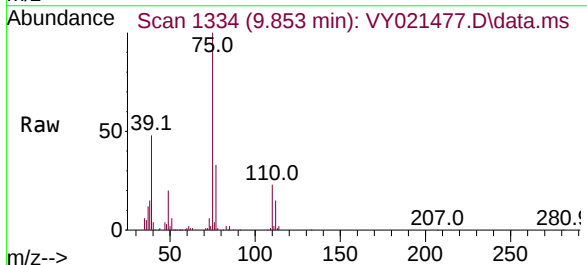
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

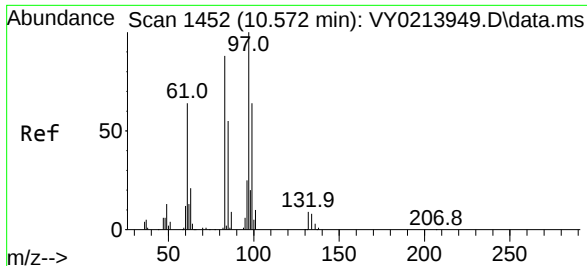
Tgt Ion: 75 Resp: 64650
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.062 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion: 75 Resp: 75356
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 37.0
 39 48.0 39.4 59.2

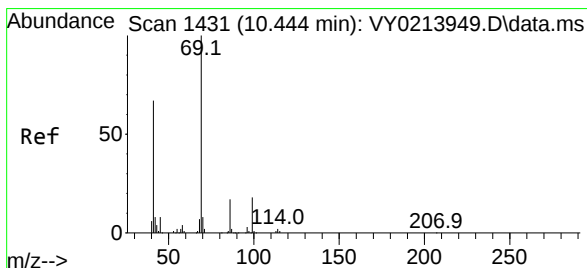
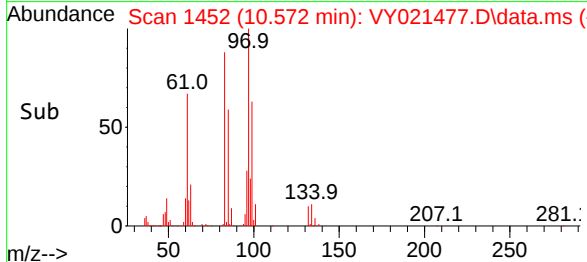
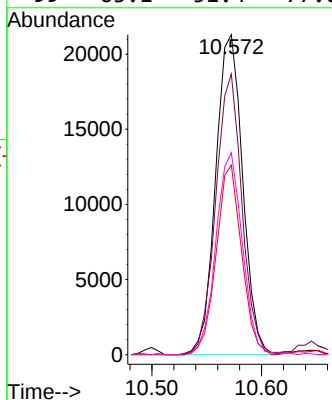
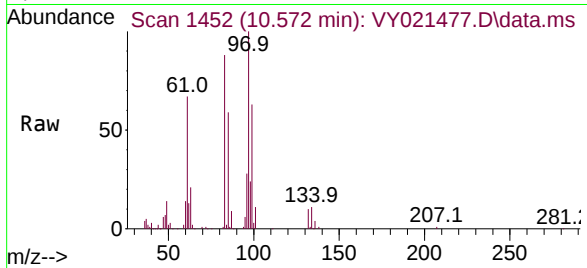




#55
 1,1,2-Trichloroethane
 Concen: 21.674 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

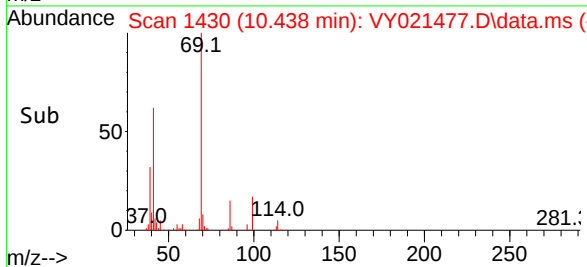
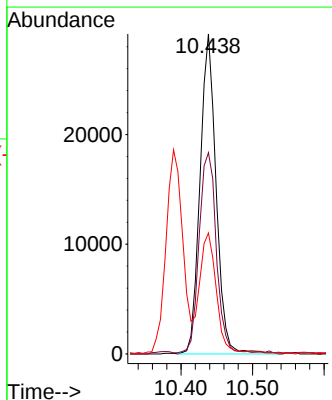
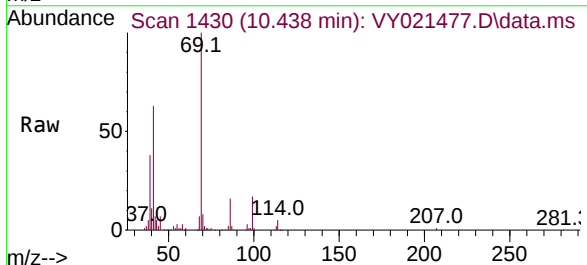
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

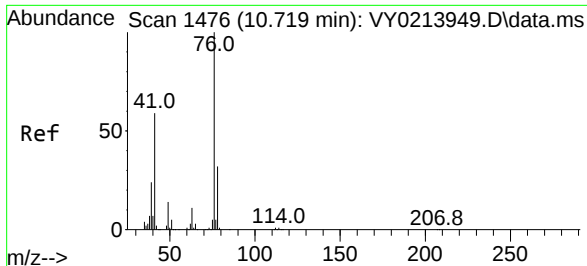
Tgt Ion: 97	Resp: 36516
Ion Ratio	Lower Upper
97 100	
83 87.7	70.0 105.0
85 59.2	44.3 66.5
99 63.1	51.4 77.0



#56
 Ethyl methacrylate
 Concen: 21.225 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion: 69	Resp: 45607
Ion Ratio	Lower Upper
69 100	
41 66.8	53.3 79.9
39 40.8	31.0 46.6

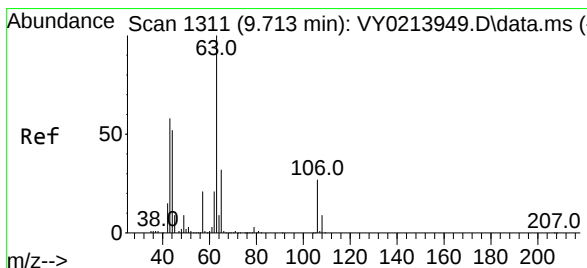
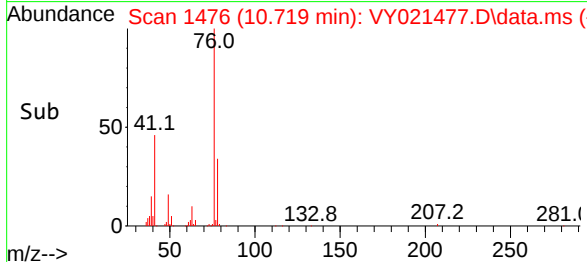
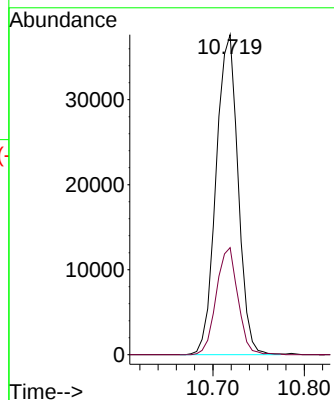
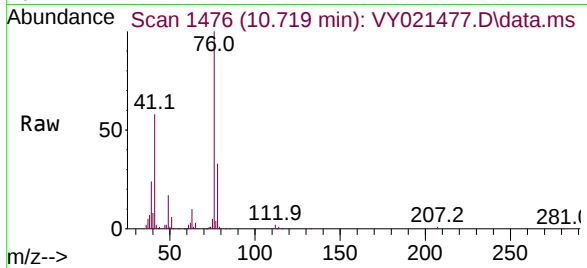




#57
1,3-Dichloropropane
Concen: 21.536 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

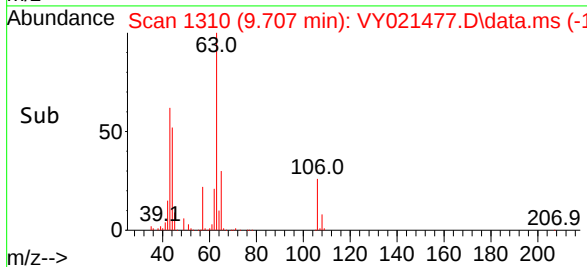
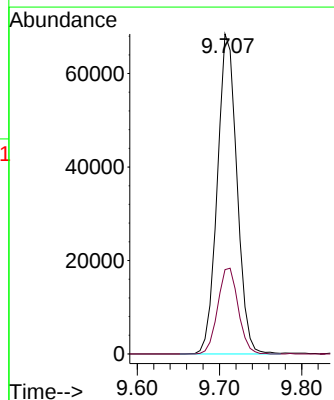
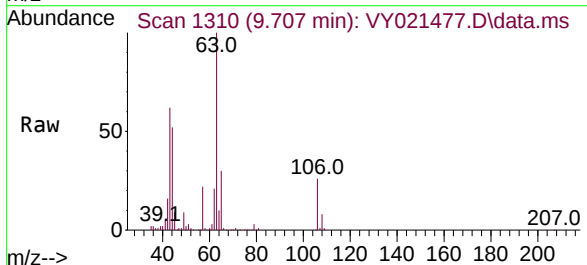
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

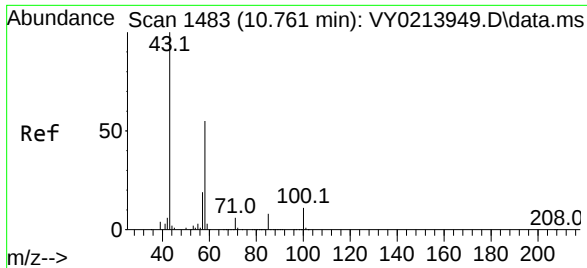
Tgt Ion: 76 Resp: 62886
Ion Ratio Lower Upper
76 100
78 32.9 26.3 39.5



#58
2-Chloroethyl Vinyl ether
Concen: 114.571 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 63 Resp: 113643
Ion Ratio Lower Upper
63 100
106 27.9 22.1 33.1

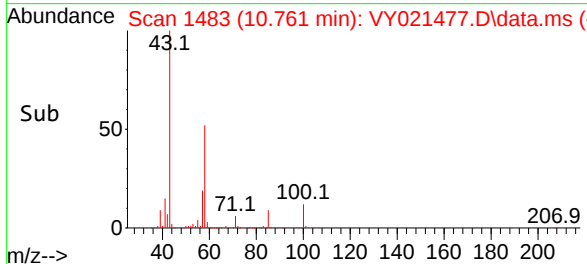
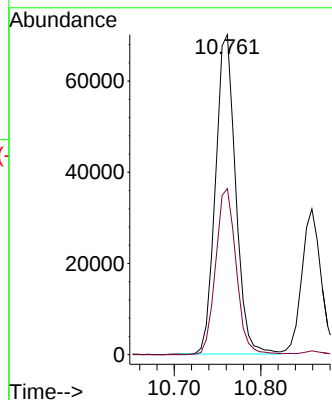
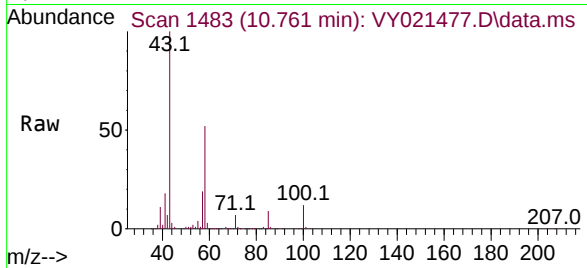




#59
2-Hexanone
Concen: 117.176 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

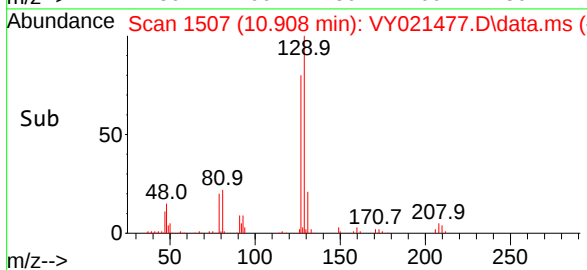
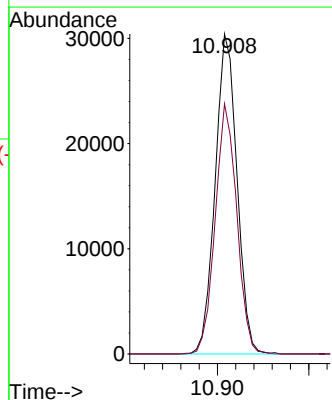
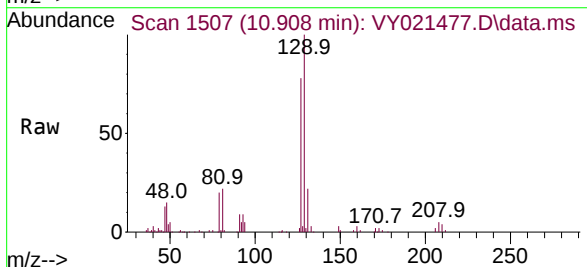
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

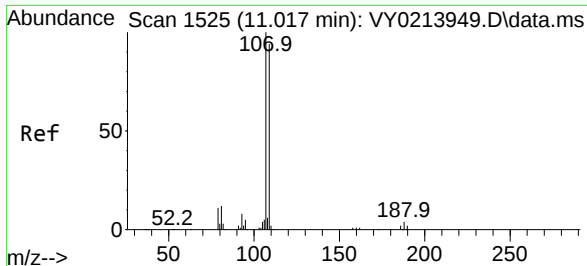
Tgt Ion: 43 Resp: 113250
Ion Ratio Lower Upper
43 100
58 53.0 27.3 81.8



#60
Dibromochloromethane
Concen: 21.813 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 129 Resp: 50383
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3

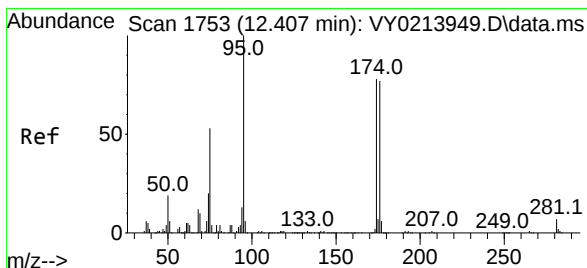
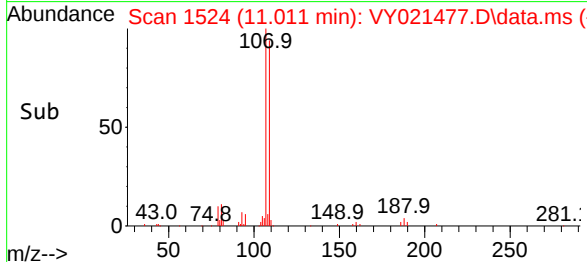
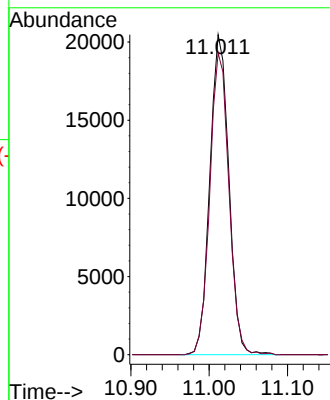
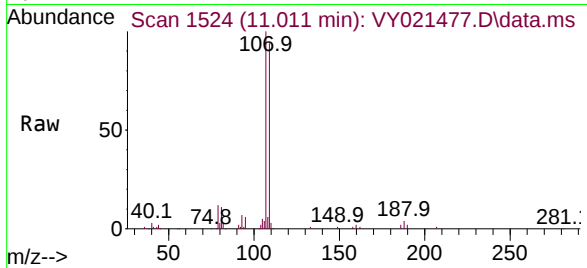




#61
1,2-Dibromoethane
Concen: 21.707 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

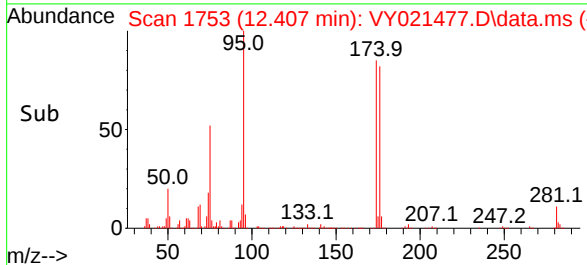
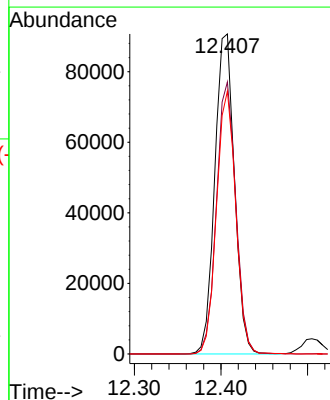
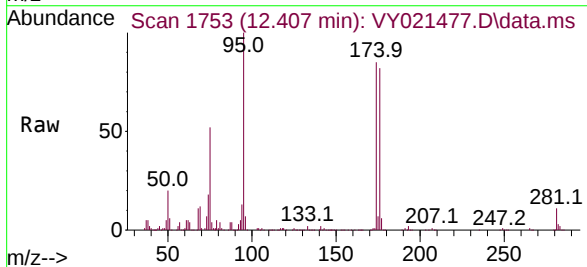
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

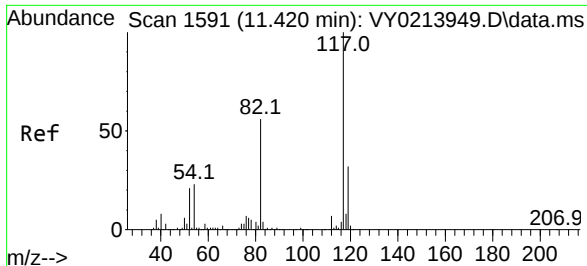
Tgt Ion:107 Resp: 34516
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.722 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 95 Resp: 143228
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.0
176 80.2 0.0 160.0

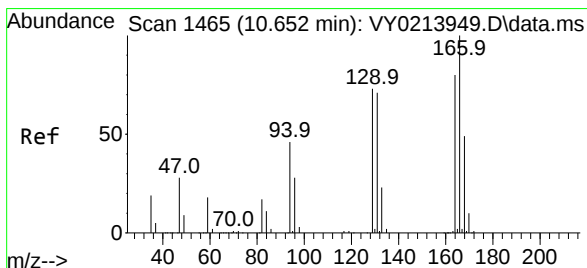
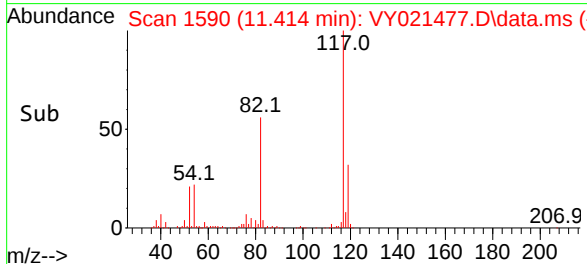
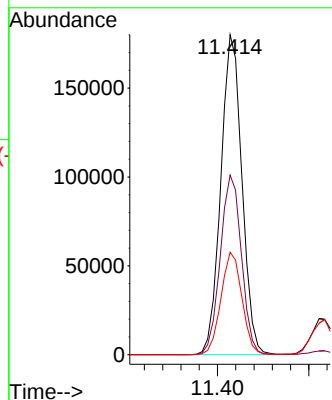
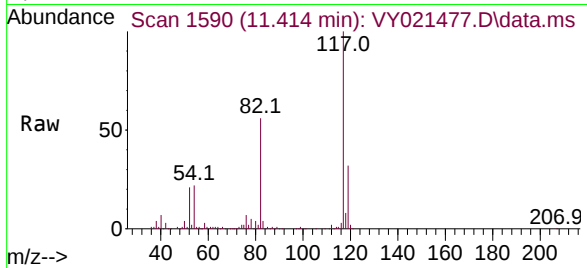




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

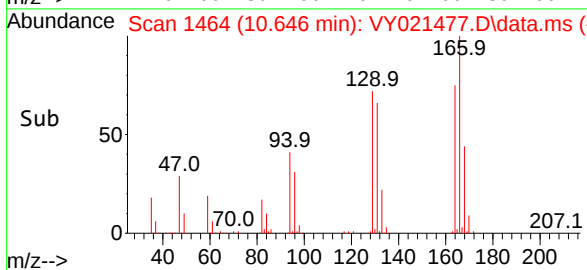
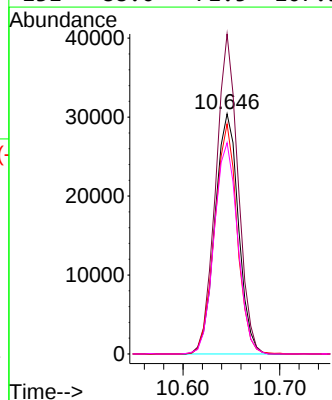
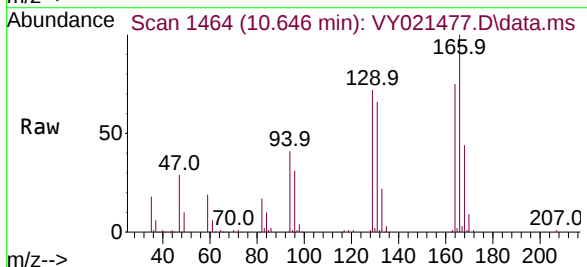
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

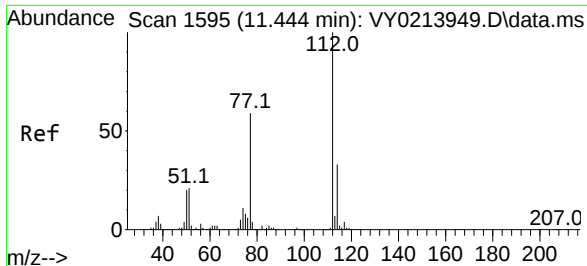
Tgt Ion:117 Resp: 289092
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 21.731 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:164 Resp: 51084
Ion Ratio Lower Upper
164 100
166 133.2 100.4 150.6
129 95.8 73.8 110.8
131 88.0 71.5 107.3

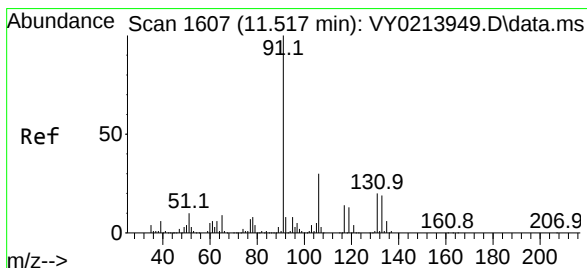
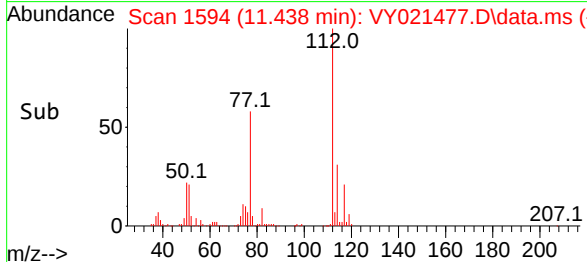
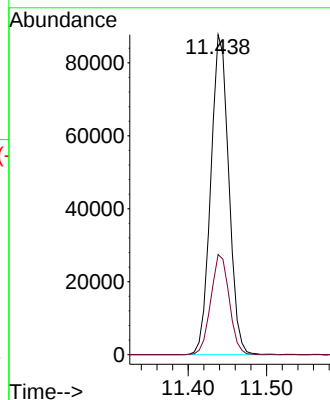
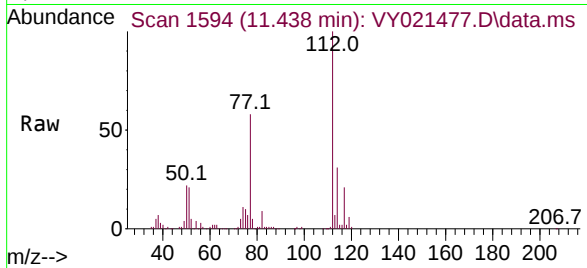




#65
Chlorobenzene
Concen: 20.492 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

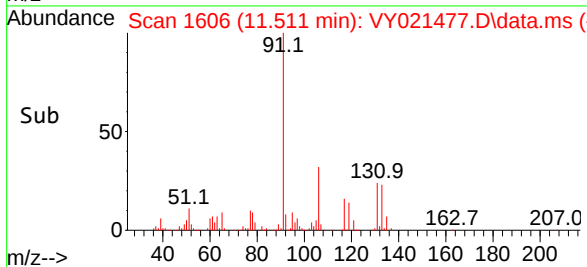
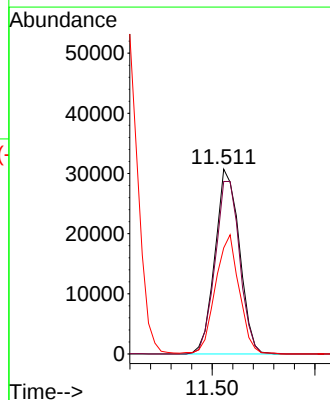
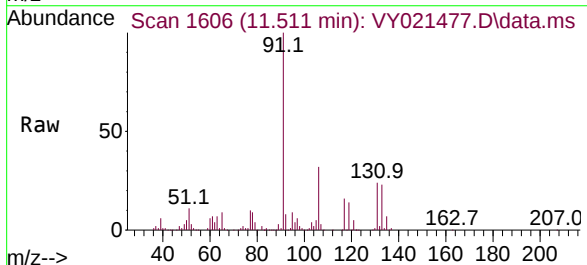
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

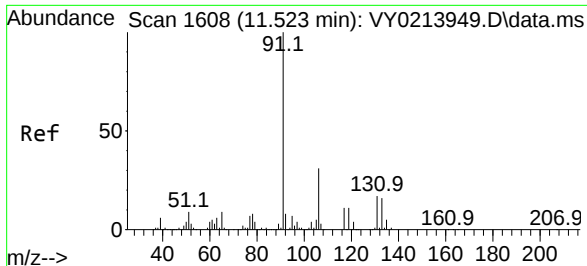
Tgt Ion:112 Resp: 139893
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.997 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:131 Resp: 50679
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 62.9 32.3 96.9





#67

Ethyl Benzene

Concen: 19.900 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

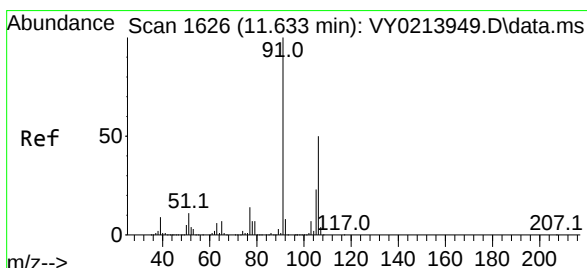
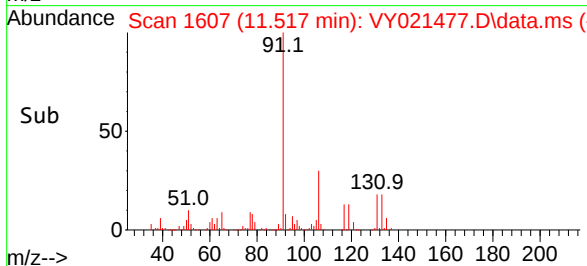
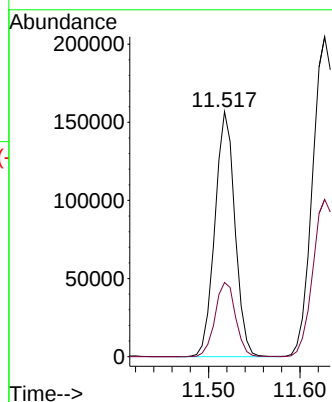
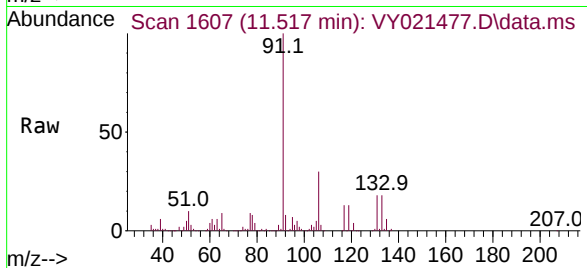
VY0311SBSD01

Tgt Ion: 91 Resp: 238455

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 40.545 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021477.D

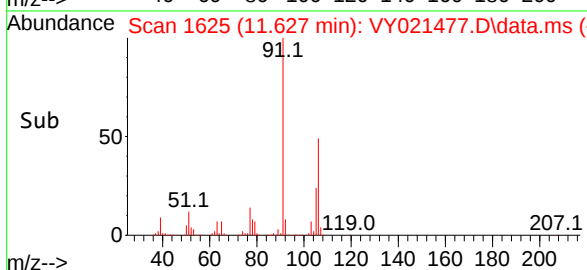
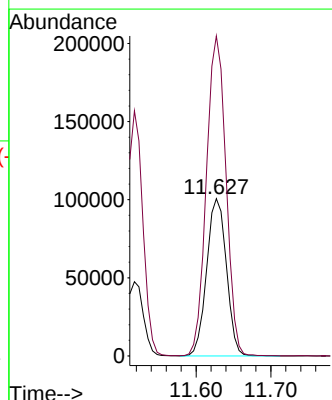
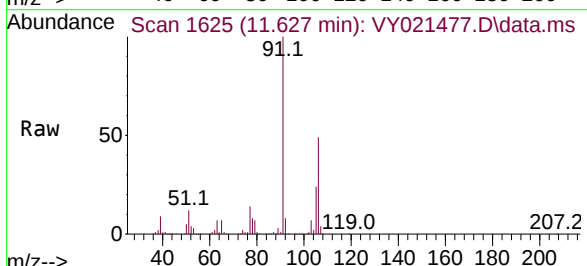
Acq: 11 Mar 2025 11:26

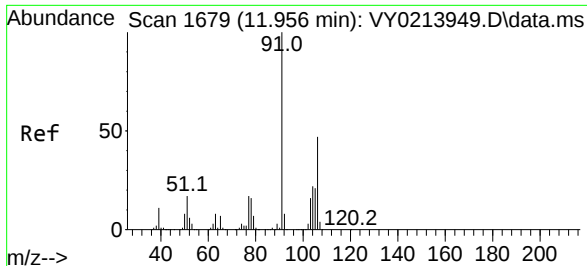
Tgt Ion:106 Resp: 184445

Ion Ratio Lower Upper

106 100

91 202.0 161.7 242.5

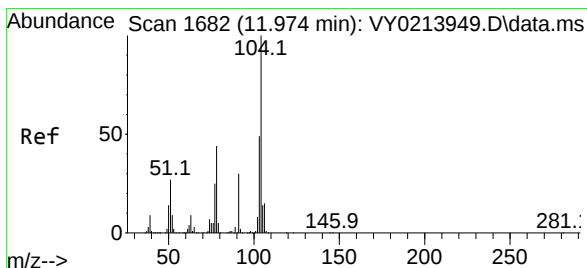
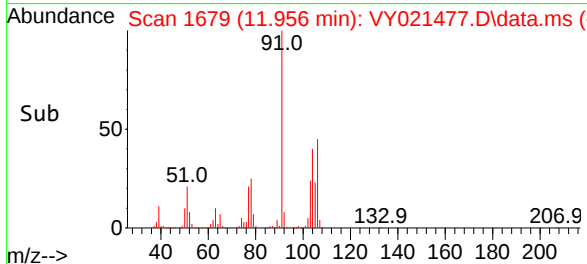
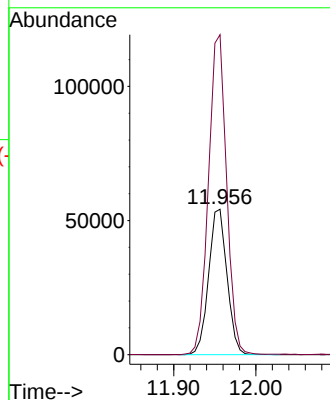
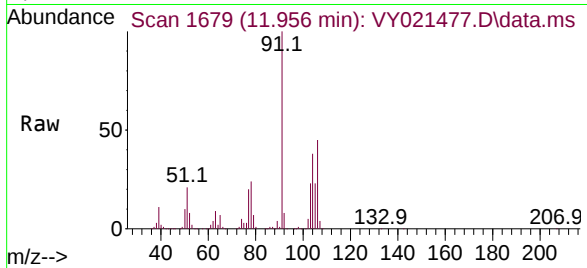




#69
o-Xylene
Concen: 20.127 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

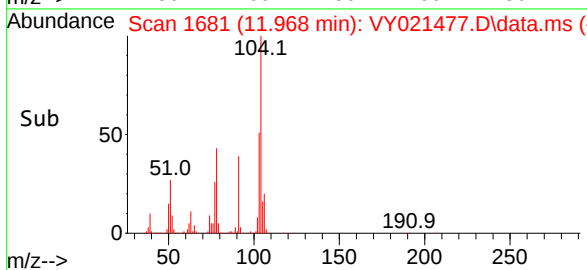
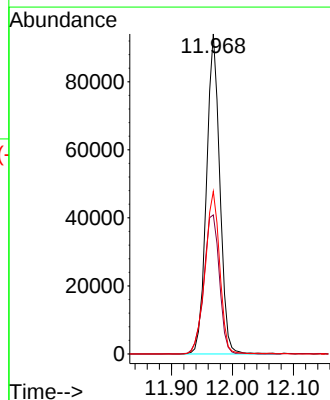
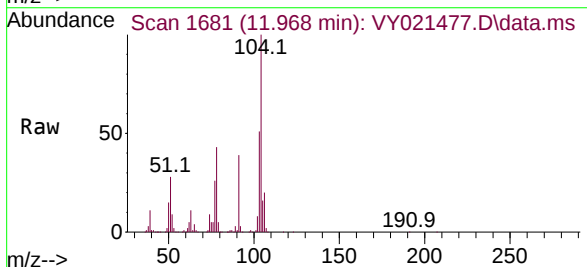
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

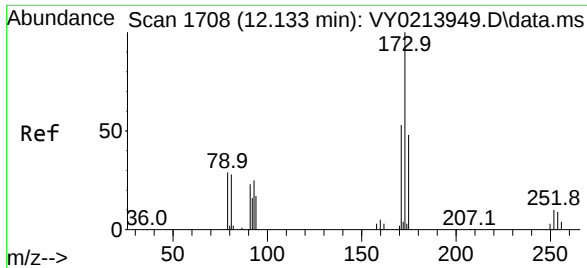
Tgt Ion:106 Resp: 84386
Ion Ratio Lower Upper
106 100
91 216.8 107.6 322.8



#70
Styrene
Concen: 20.551 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:104 Resp: 142938
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 55.8 44.1 66.1

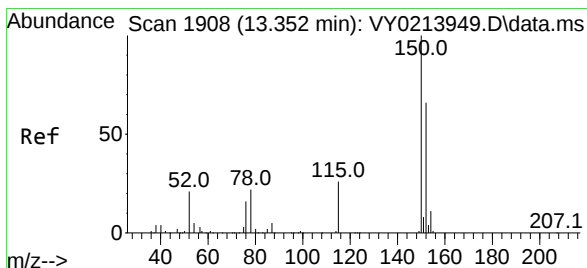
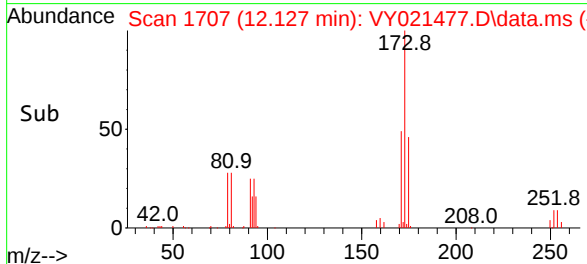
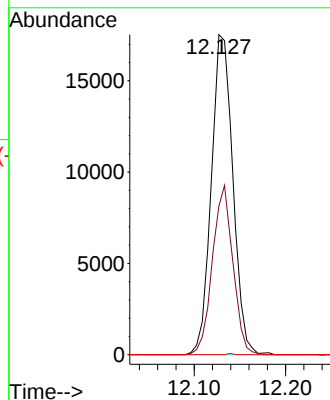
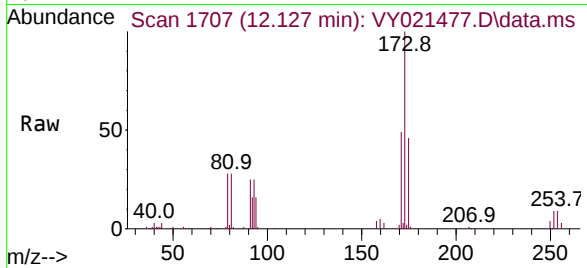




#71
Bromoform
Concen: 21.294 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

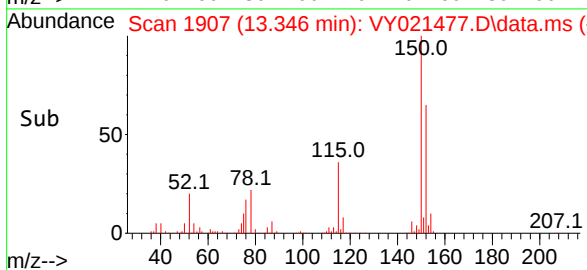
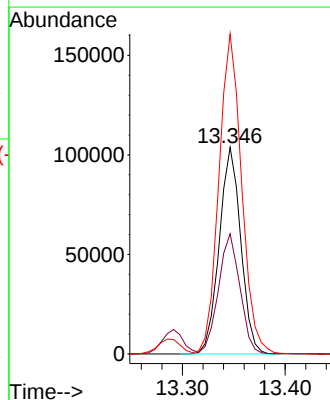
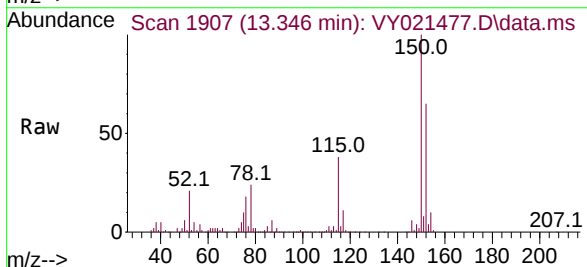
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

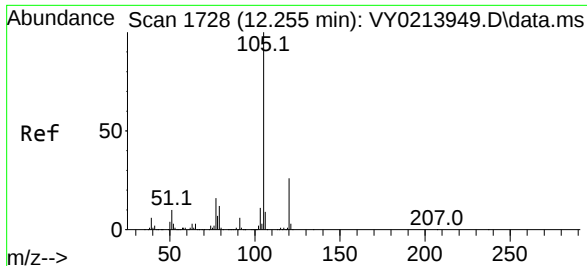
Tgt Ion:173 Resp: 28730
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:152 Resp: 150821
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.0
150 163.7 0.0 347.2

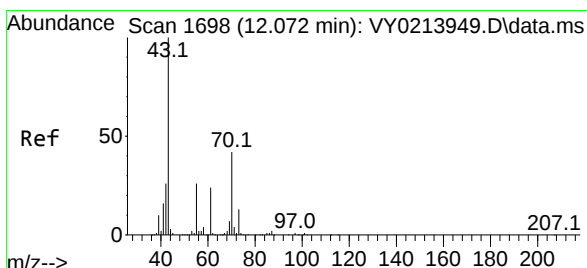
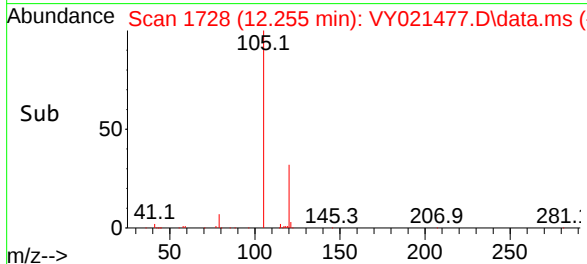
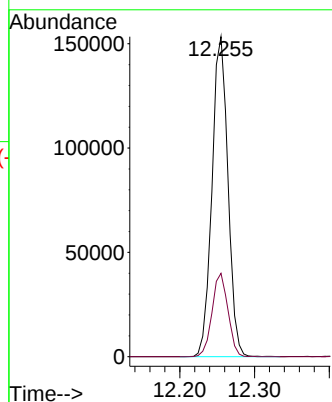
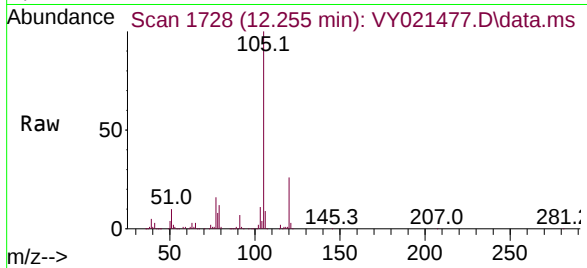




#73
Isopropylbenzene
Concen: 19.152 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

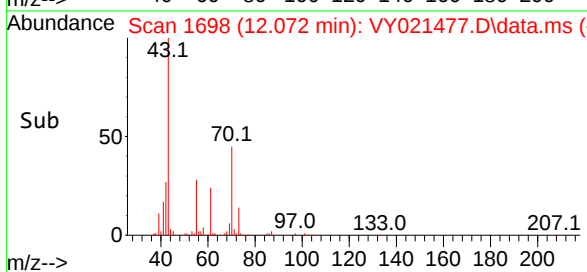
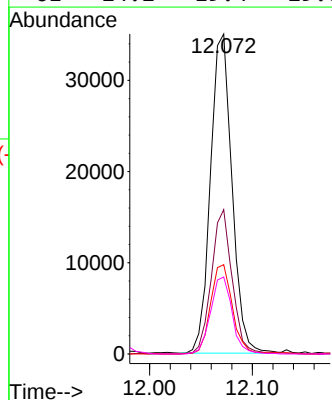
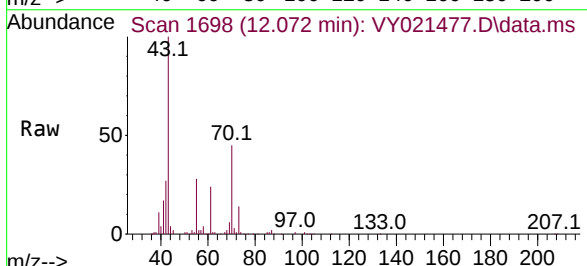
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

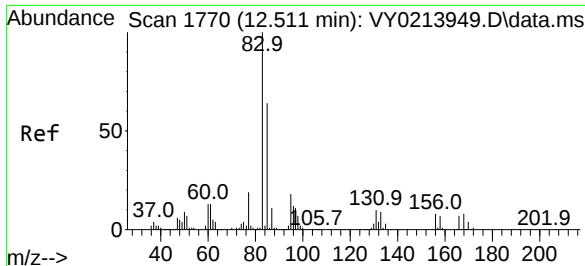
Tgt Ion:105 Resp: 227543
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3



#74
N-ethyl acetate
Concen: 19.706 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 43 Resp: 50844
Ion Ratio Lower Upper
43 100
70 44.0 34.6 51.8
55 28.9 21.1 31.7
61 24.2 19.4 29.0

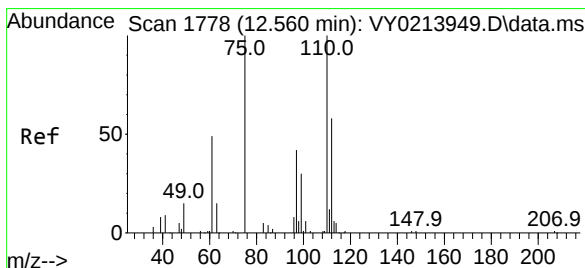
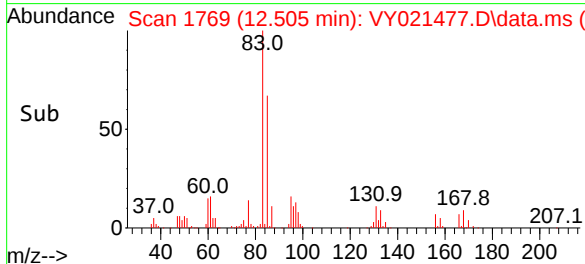
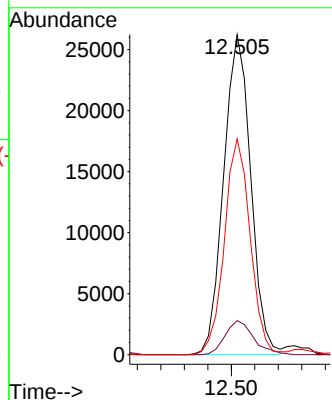
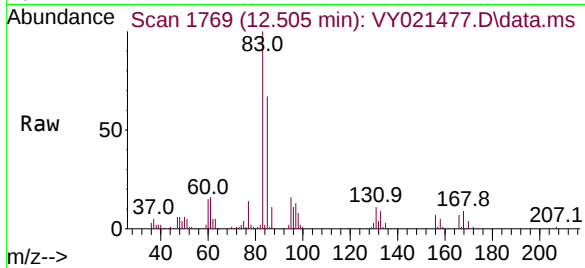




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.034 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

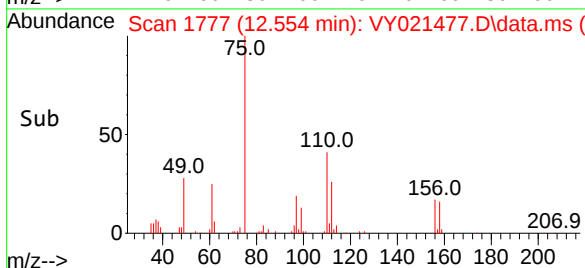
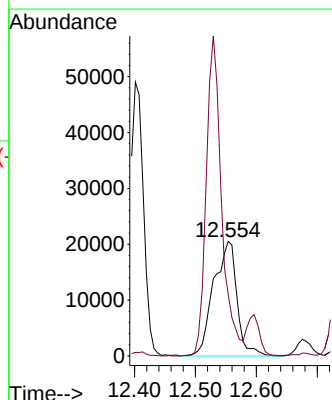
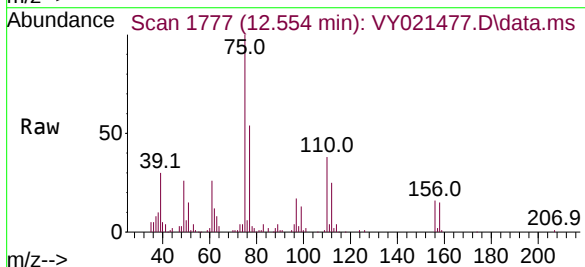
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

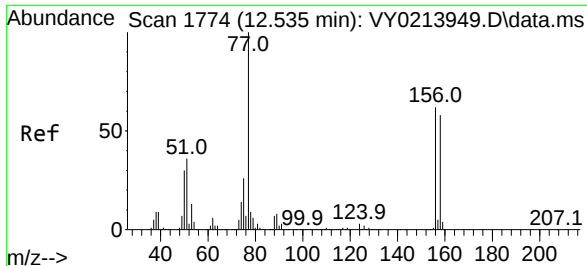
Tgt Ion: 83 Resp: 42002
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.3 16.1
 85 64.4 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 35.905 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion: 75 Resp: 54568
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

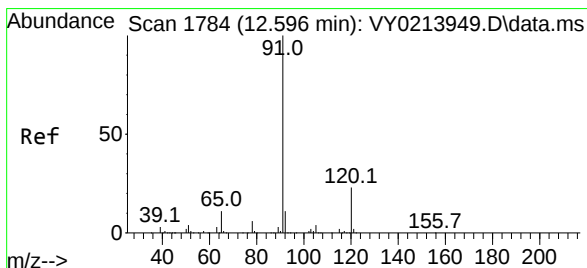
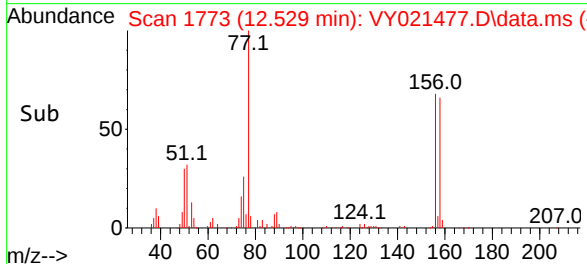
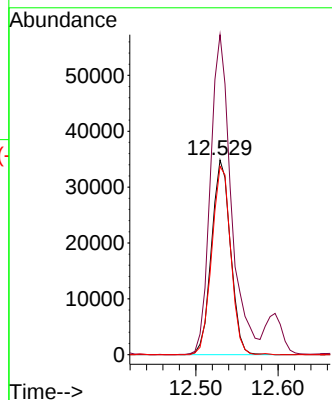
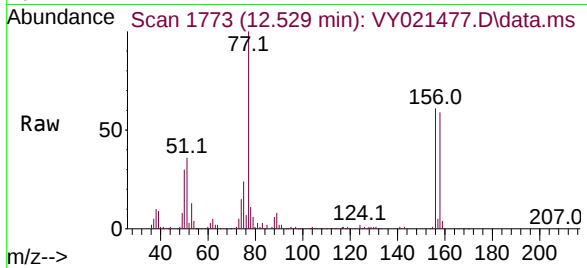




#77
Bromobenzene
Concen: 20.076 ug/l
RT: 12.529 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

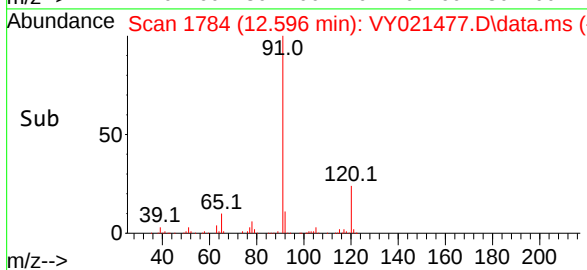
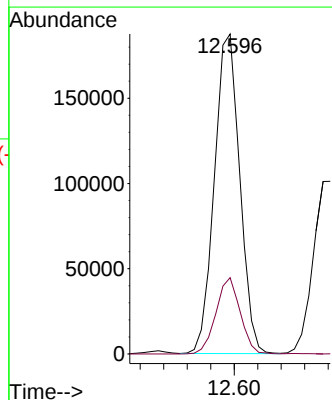
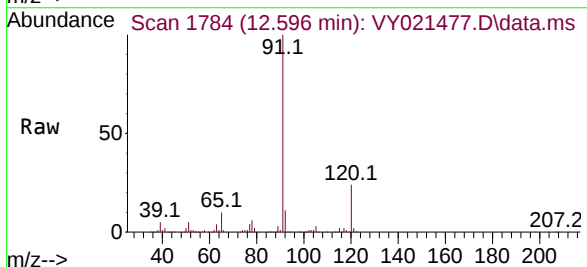
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

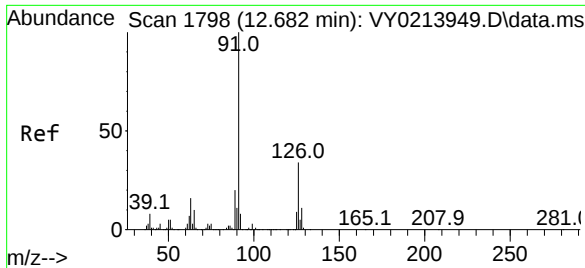
Tgt Ion:156 Resp: 55801
Ion Ratio Lower Upper
156 100
77 181.0 93.6 280.8
158 96.2 48.3 144.8



#78
n-propylbenzene
Concen: 19.454 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 91 Resp: 280689
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

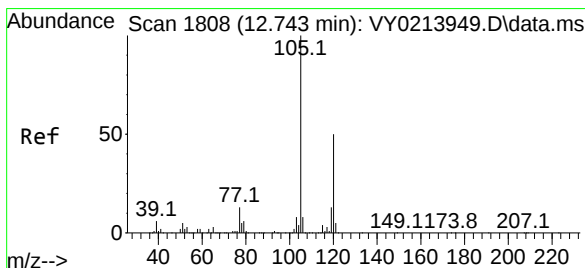
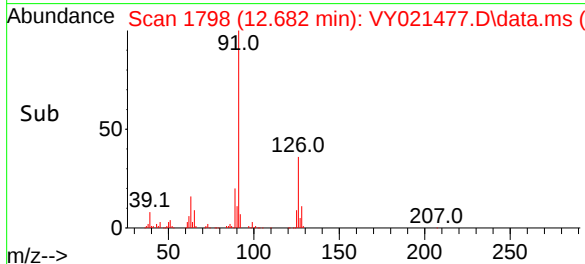
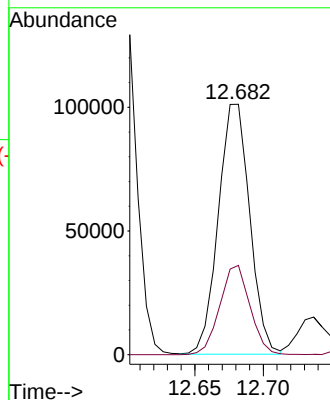
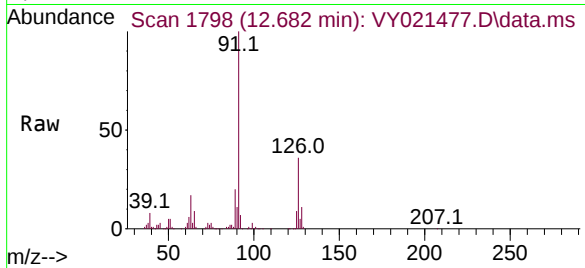




#79
2-Chlorotoluene
Concen: 19.598 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

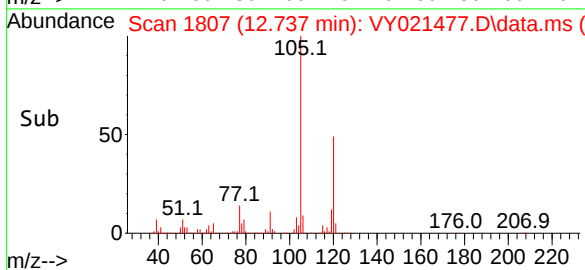
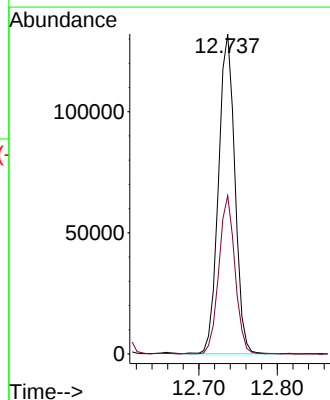
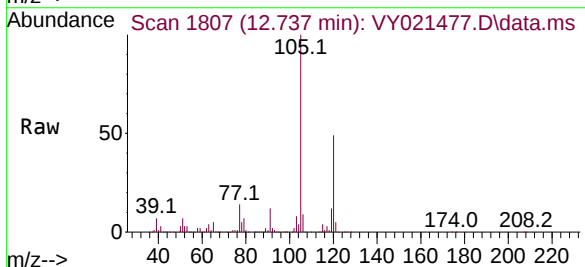
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

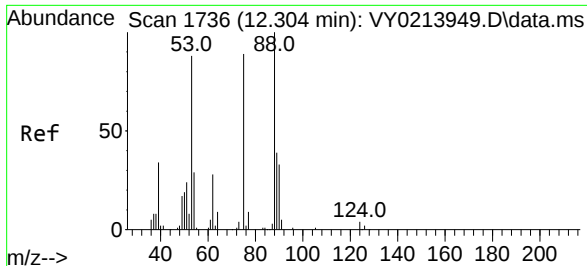
Tgt Ion: 91 Resp: 161689
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 19.919 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 105 Resp: 192316
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.665 ug/l

RT: 12.298 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

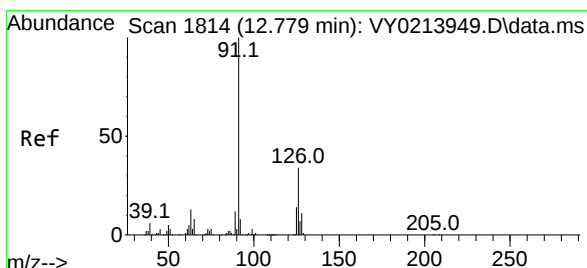
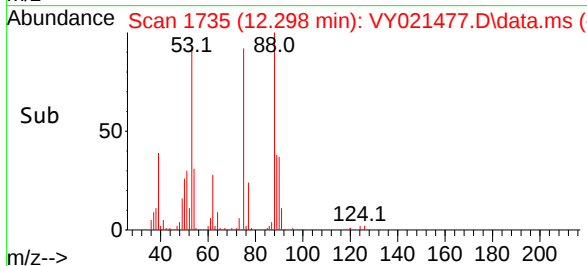
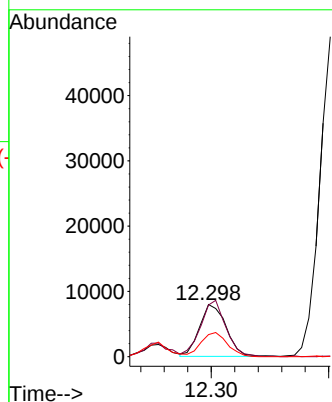
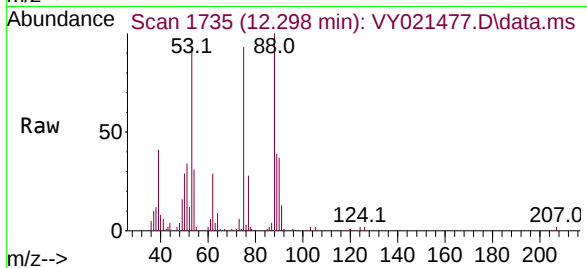
Tgt Ion: 75 Resp: 12478

Ion Ratio Lower Upper

75 100

53 104.3 81.0 121.4

89 45.6 36.9 55.3



#82

4-Chlorotoluene

Concen: 19.773 ug/l

RT: 12.779 min Scan# 1814

Delta R.T. 0.000 min

Lab File: VY021477.D

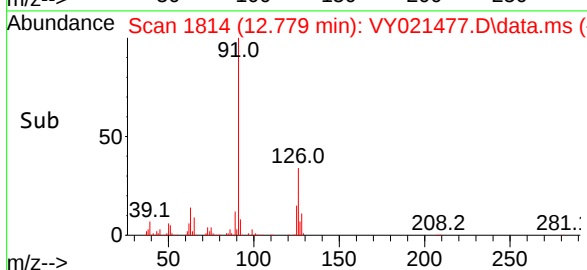
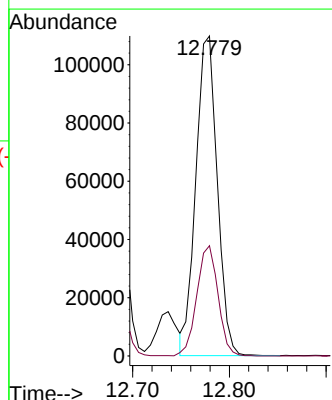
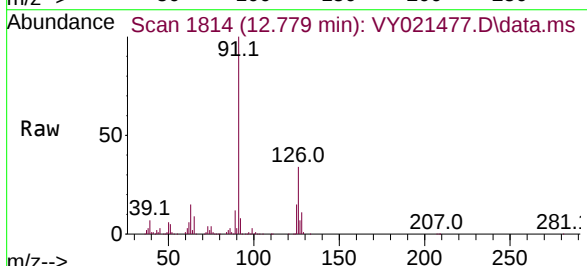
Acq: 11 Mar 2025 11:26

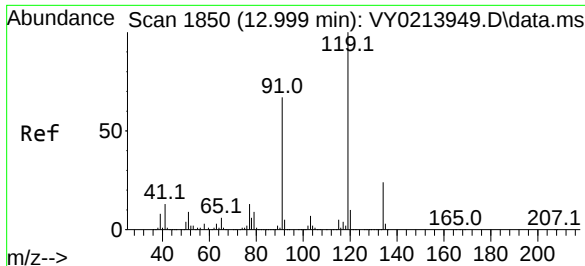
Tgt Ion: 91 Resp: 168922

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0

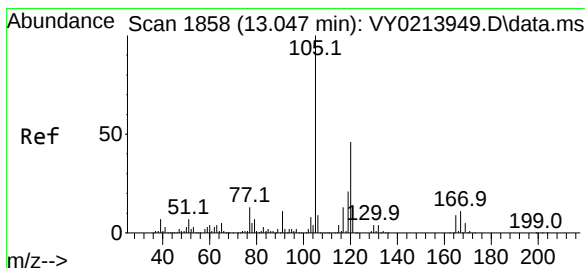
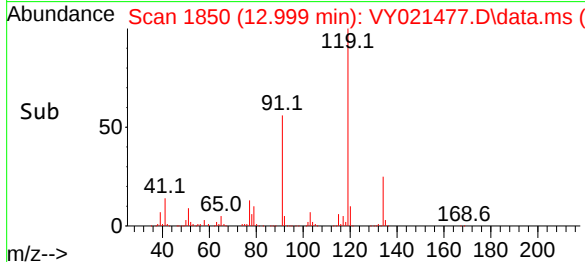
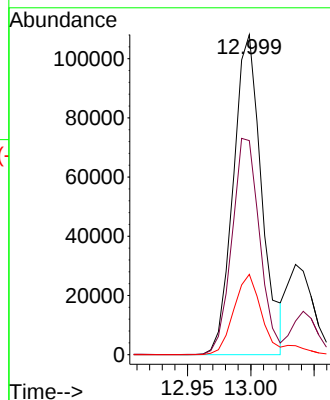
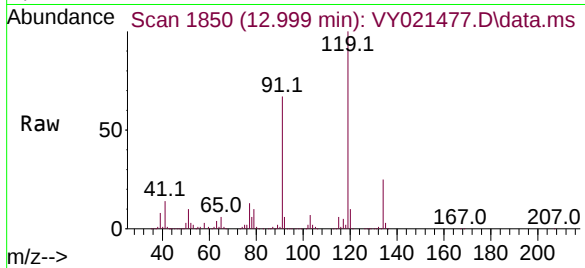




#83
 tert-Butylbenzene
 Concen: 19.603 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

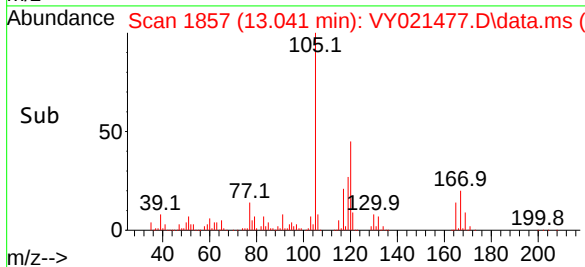
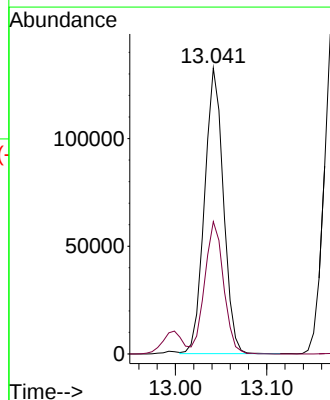
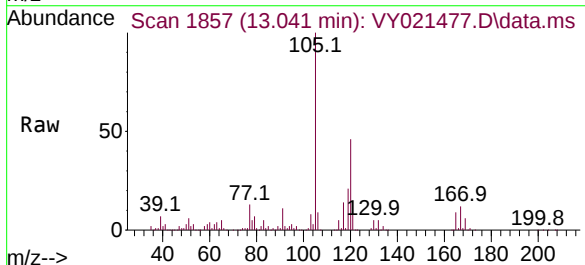
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

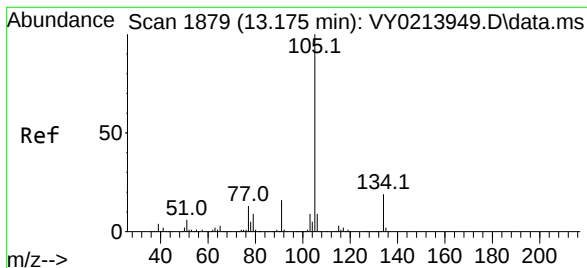
Tgt Ion:	119	Resp:	168838
Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.2	99.6
134	26.5	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.827 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion:	105	Resp:	190067
Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.584 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

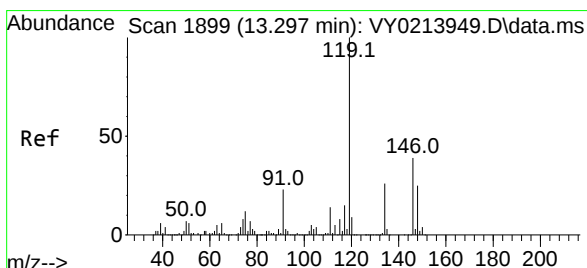
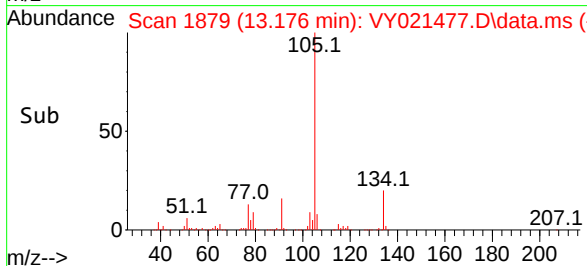
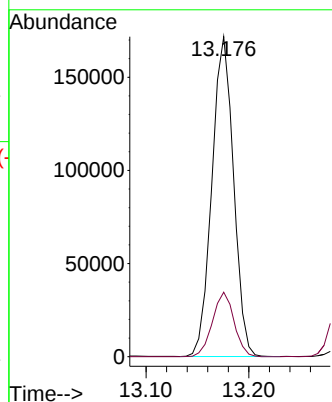
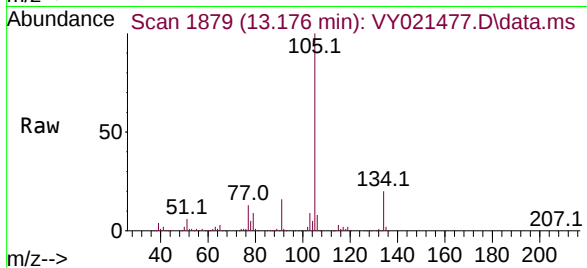
VY0311SBSD01

Tgt Ion:105 Resp: 250973

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.522 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

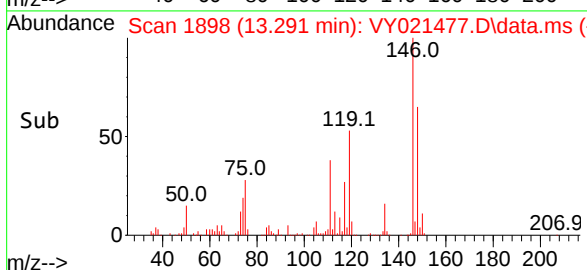
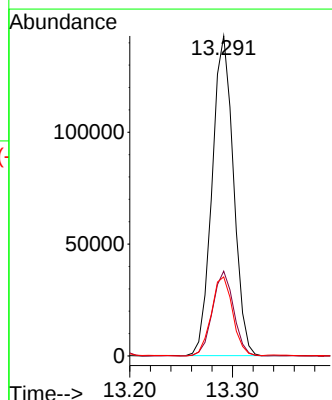
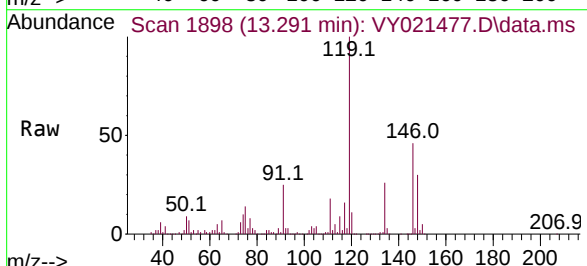
Tgt Ion:119 Resp: 206101

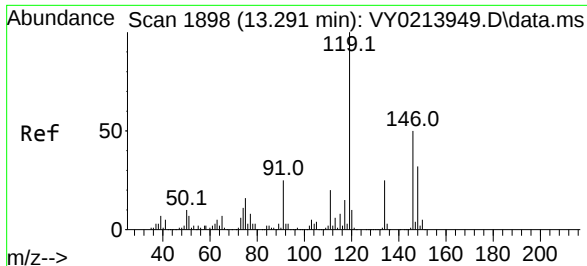
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 24.9 12.2 36.6

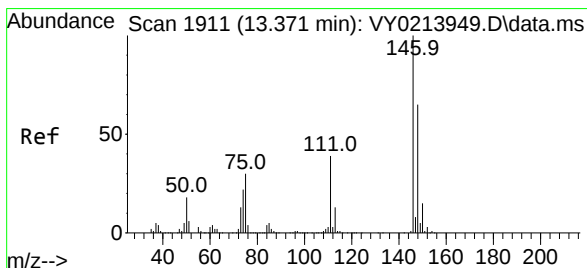
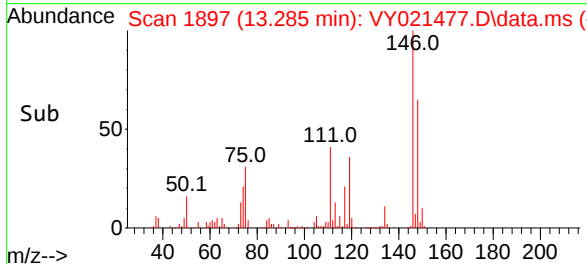
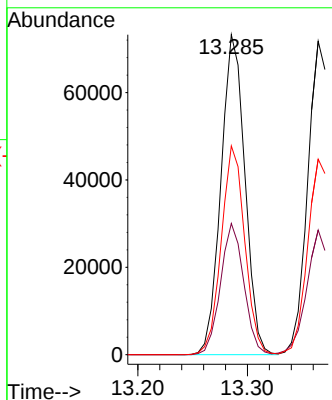
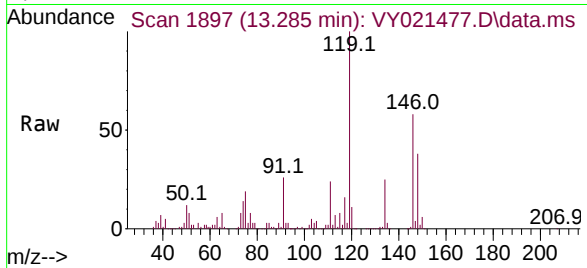




#87
 1,3-Dichlorobenzene
 Concen: 20.108 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

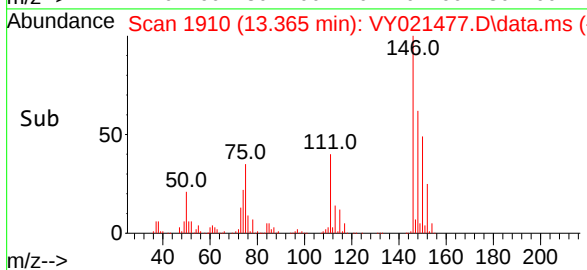
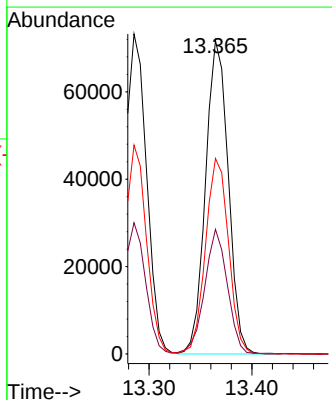
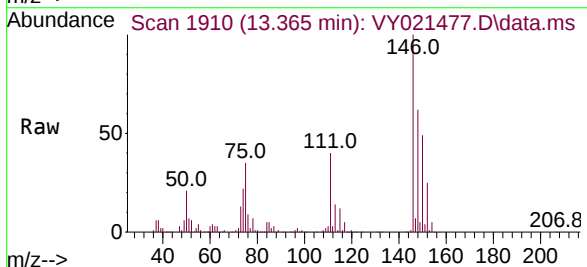
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

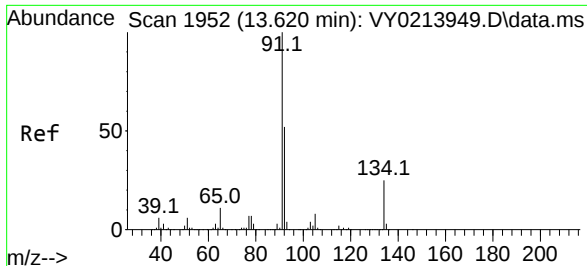
Tgt Ion:146 Resp: 111249
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.414 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion:146 Resp: 110455
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 19.894 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021477.D

Acq: 11 Mar 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBSD01

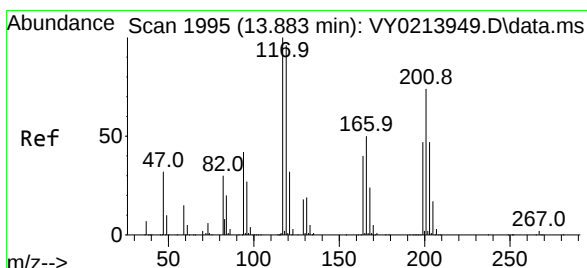
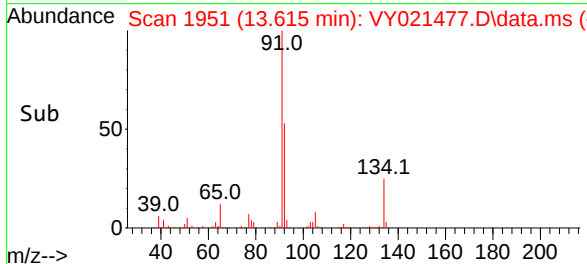
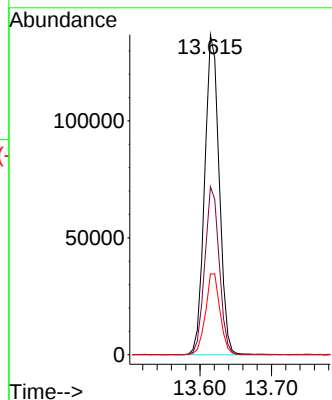
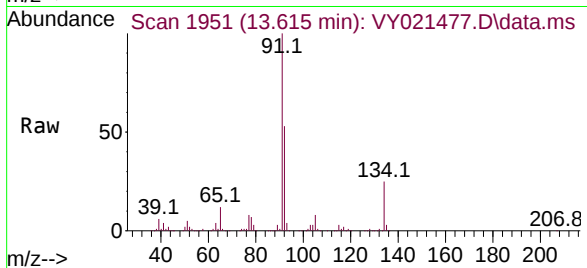
Tgt Ion: 91 Resp: 193943

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 19.437 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021477.D

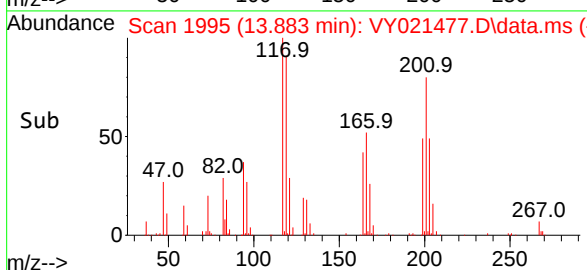
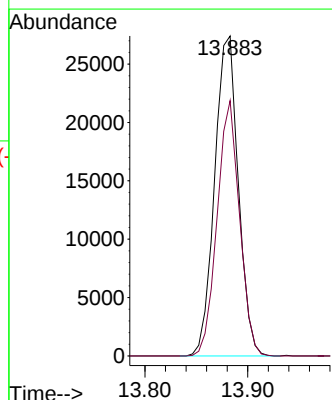
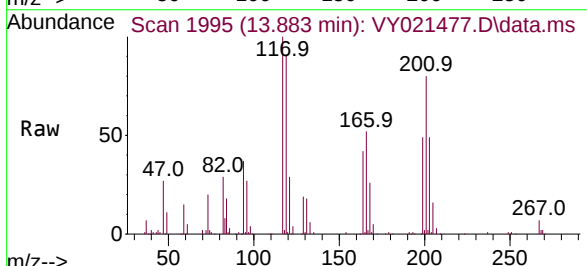
Acq: 11 Mar 2025 11:26

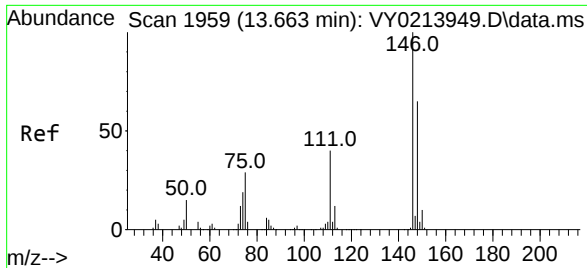
Tgt Ion: 117 Resp: 43777

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.2

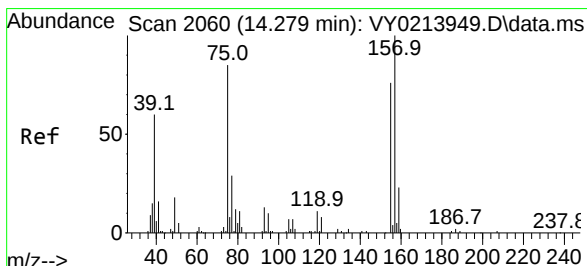
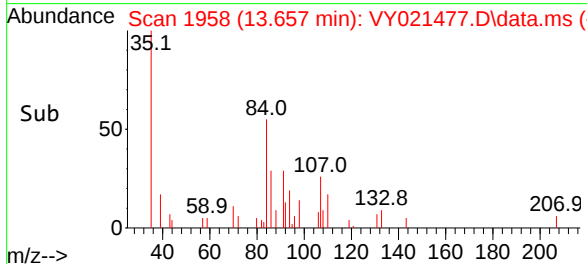
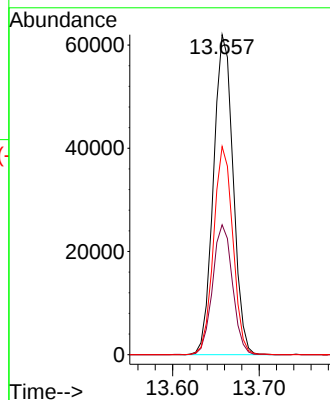
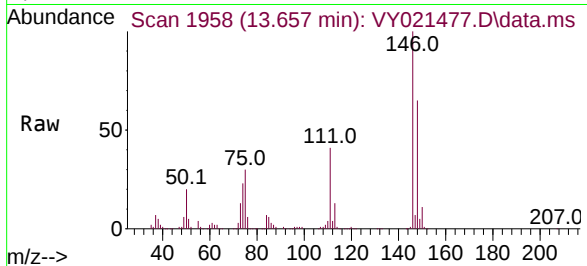




#91
1,2-Dichlorobenzene
Concen: 20.621 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

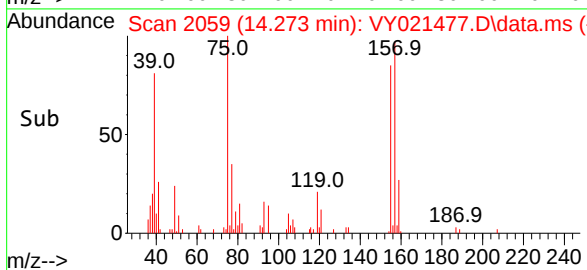
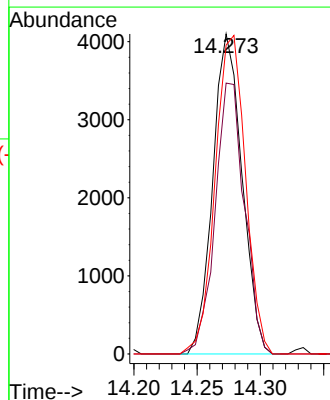
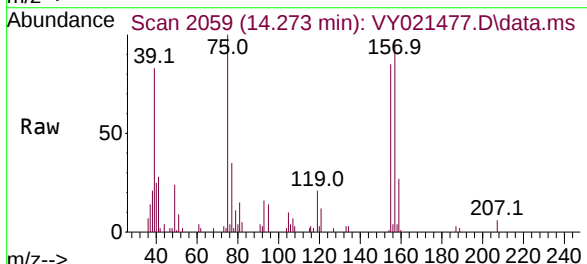
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

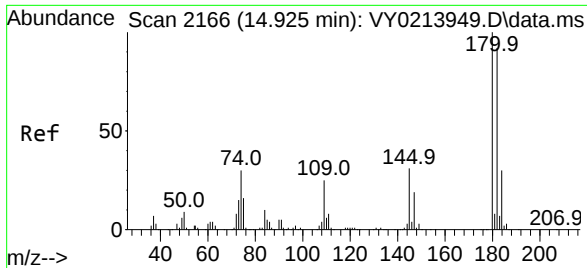
Tgt Ion:146 Resp: 97785
Ion Ratio Lower Upper
146 100
111 41.0 20.7 62.1
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.990 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion: 75 Resp: 6592
Ion Ratio Lower Upper
75 100
155 84.7 43.5 130.5
157 103.2 54.4 163.2

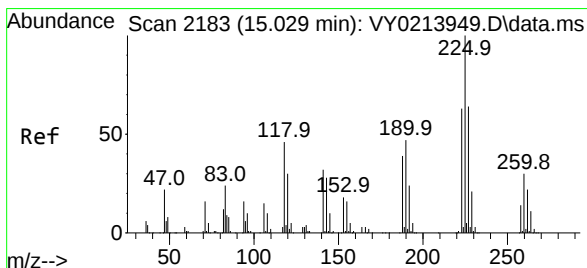
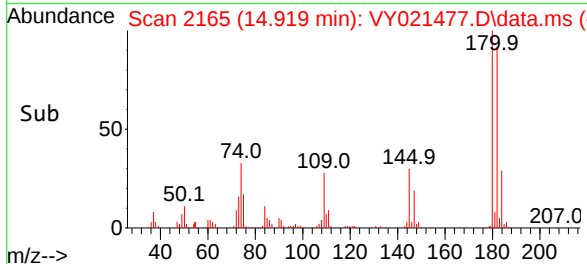
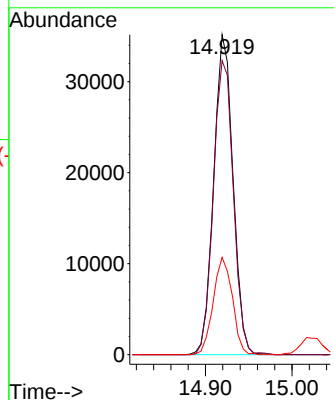
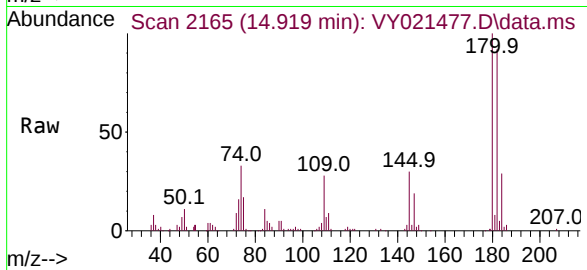




#93
 1,2,4-Trichlorobenzene
 Concen: 21.011 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

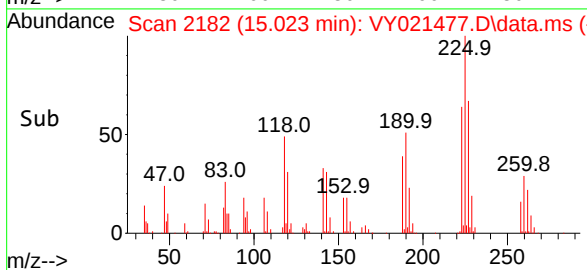
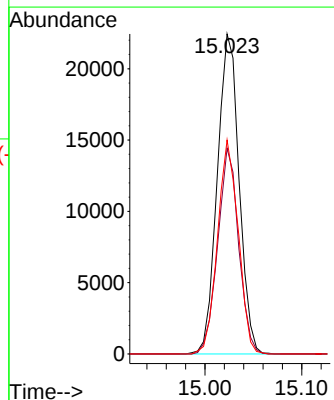
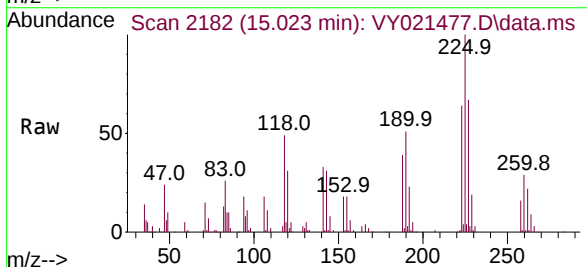
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBSD01

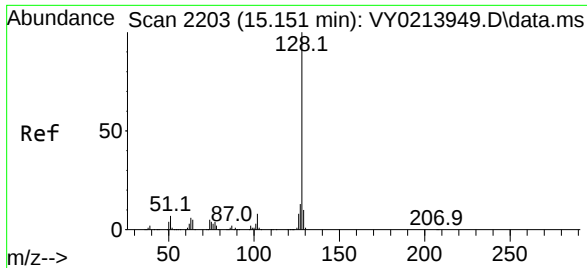
Tgt Ion:180 Resp: 54419
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.7 140.0
 145 30.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.598 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021477.D
 Acq: 11 Mar 2025 11:26

Tgt Ion:225 Resp: 35066
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.2
 227 63.5 31.8 95.4

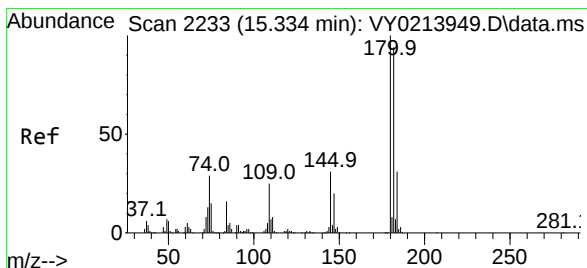
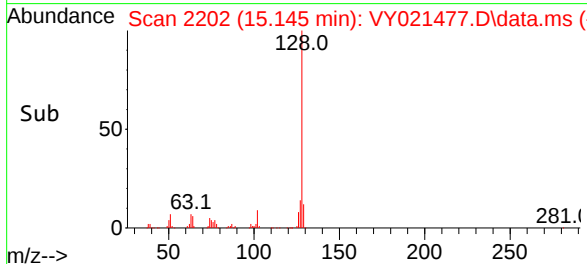
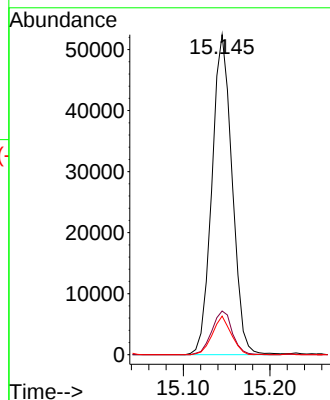
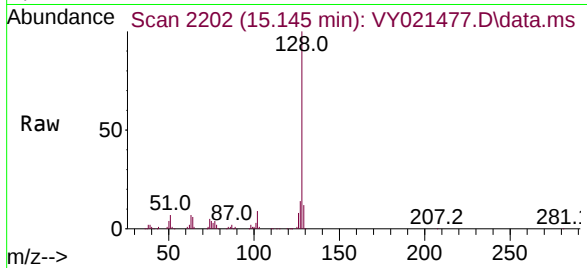




#95
Naphthalene
Concen: 21.408 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBSD01

Tgt Ion:128	Resp:	84955
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.6 15.8
129	11.2	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.178 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021477.D
Acq: 11 Mar 2025 11:26

Tgt Ion:180	Resp:	46133
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.2 141.6
145	32.9	16.4 49.1

