

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021499.D
 Acq On : 11 Mar 2025 20:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 12 01:27:19 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	188286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116217	58.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.800%	
35) Dibromofluoromethane	7.634	113	109801	53.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.103	98	400359	51.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.402	95	142925	53.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	78402	45.376	ug/l	98
3) Chloromethane	2.068	50	136719	56.124	ug/l	97
4) Vinyl Chloride	2.202	62	147372	55.360	ug/l	96
5) Bromomethane	2.592	94	105375	54.769	ug/l	96
6) Chloroethane	2.733	64	110523	62.825	ug/l	98
7) Trichlorofluoromethane	3.056	101	207743	55.910	ug/l	99
8) Diethyl Ether	3.452	74	66874	64.944	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	104015	49.031	ug/l	98
10) Methyl Iodide	4.007	142	137756	63.881	ug/l	99
11) Tert butyl alcohol	4.854	59	38079	298.685	ug/l	97
12) 1,1-Dichloroethene	3.787	96	100716	52.074	ug/l	96
13) Acrolein	3.647	56	3581	35.378	ug/l	86
14) Allyl chloride	4.385	41	171893	54.995	ug/l	99
15) Acrylonitrile	5.055	53	138284	315.472	ug/l	99
16) Acetone	3.867	43	107733	248.203	ug/l	98
17) Carbon Disulfide	4.104	76	320160	52.820	ug/l	100
18) Methyl Acetate	4.385	43	78101	81.095	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	300736	61.348	ug/l	97
20) Methylene Chloride	4.616	84	126326	55.444	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	120218	55.501	ug/l	97
22) Diisopropyl ether	6.019	45	417685	62.008	ug/l	95
23) Vinyl Acetate	5.958	43	1142164	297.109	ug/l	98
24) 1,1-Dichloroethane	5.915	63	230679	58.024	ug/l	99
25) 2-Butanone	6.896	43	176501	293.960	ug/l	98
26) 2,2-Dichloropropane	6.884	77	152073	41.573	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	147390	59.898	ug/l	94
28) Bromochloromethane	7.244	49	94791	56.873	ug/l	99
29) Tetrahydrofuran	7.262	42	119989	323.706	ug/l	100
30) Chloroform	7.421	83	244324	59.184	ug/l	99
31) Cyclohexane	7.701	56	173813	46.635	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	205643	54.404	ug/l	99
36) 1,1-Dichloropropene	7.835	75	157953	48.944	ug/l	99
37) Ethyl Acetate	6.982	43	82713	57.987	ug/l	98
38) Carbon Tetrachloride	7.817	117	181272	48.840	ug/l	99
39) Methylcyclohexane	9.110	83	180602	45.623	ug/l	99
40) Benzene	8.079	78	512877	53.949	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	45472	58.547	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	151074	56.805	ug/l	100
43) Isopropyl Acetate	8.195	43	160462	57.950	ug/l #	87
44) Trichloroethene	8.866	130	125673	52.313	ug/l	100
45) 1,2-Dichloropropane	9.140	63	127757	56.465	ug/l	96
46) Dibromomethane	9.231	93	74404	59.101	ug/l	99
47) Bromodichloromethane	9.420	83	190927	57.107	ug/l	99
48) Methyl methacrylate	9.219	41	77903	61.268	ug/l	98
49) 1,4-Dioxane	9.225	88	15845	1282.286	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	441345	308.912	ug/l	99
52) Toluene	10.170	92	325440	54.298	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	161522	54.836	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	189471	54.179	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	96857	58.815	ug/l	96
56) Ethyl methacrylate	10.439	69	128726	61.290	ug/l	98
57) 1,3-Dichloropropane	10.713	76	167097	58.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	288805	297.880	ug/l	100
59) 2-Hexanone	10.762	43	292190	309.295	ug/l	98
60) Dibromochloromethane	10.908	129	130250	57.692	ug/l	99
61) 1,2-Dibromoethane	11.012	107	90557	58.264	ug/l	98
64) Tetrachloroethene	10.646	164	127051	53.901	ug/l	96
65) Chlorobenzene	11.438	112	355752	51.972	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	129115	53.352	ug/l	99
67) Ethyl Benzene	11.518	91	623698	51.912	ug/l	100
68) m/p-Xylenes	11.627	106	475079	104.154	ug/l	99
69) o-Xylene	11.957	106	226543	53.889	ug/l	99
70) Styrene	11.969	104	388743	55.741	ug/l	100
71) Bromoform	12.133	173	76254	56.365	ug/l #	98
73) Isopropylbenzene	12.255	105	582740	49.261	ug/l	100
74) N-amyl acetate	12.066	43	139593	54.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	110486	52.927	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	138167	91.302	ug/l #	100
77) Bromobenzene	12.530	156	143032	51.682	ug/l	100
78) n-propylbenzene	12.597	91	701944	48.859	ug/l	100
79) 2-Chlorotoluene	12.676	91	412779	50.248	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	485000	50.450	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	28546	42.883	ug/l	98
82) 4-Chlorotoluene	12.774	91	430906	50.655	ug/l	100
83) tert-Butylbenzene	12.999	119	431007	50.256	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	488627	51.192	ug/l	99
85) sec-Butylbenzene	13.176	105	610525	47.846	ug/l	99
86) p-Isopropyltoluene	13.292	119	512282	48.731	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	277991	50.462	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	273208	50.710	ug/l	100
89) n-Butylbenzene	13.615	91	468058	48.218	ug/l	99
90) Hexachloroethane	13.877	117	108319	48.300	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	244394	51.760	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16529	52.858	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	133790	51.877	ug/l	99
94) Hexachlorobutadiene	15.023	225	75124	46.470	ug/l	98
95) Naphthalene	15.145	128	233100	53.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	114565	52.818	ug/l	99

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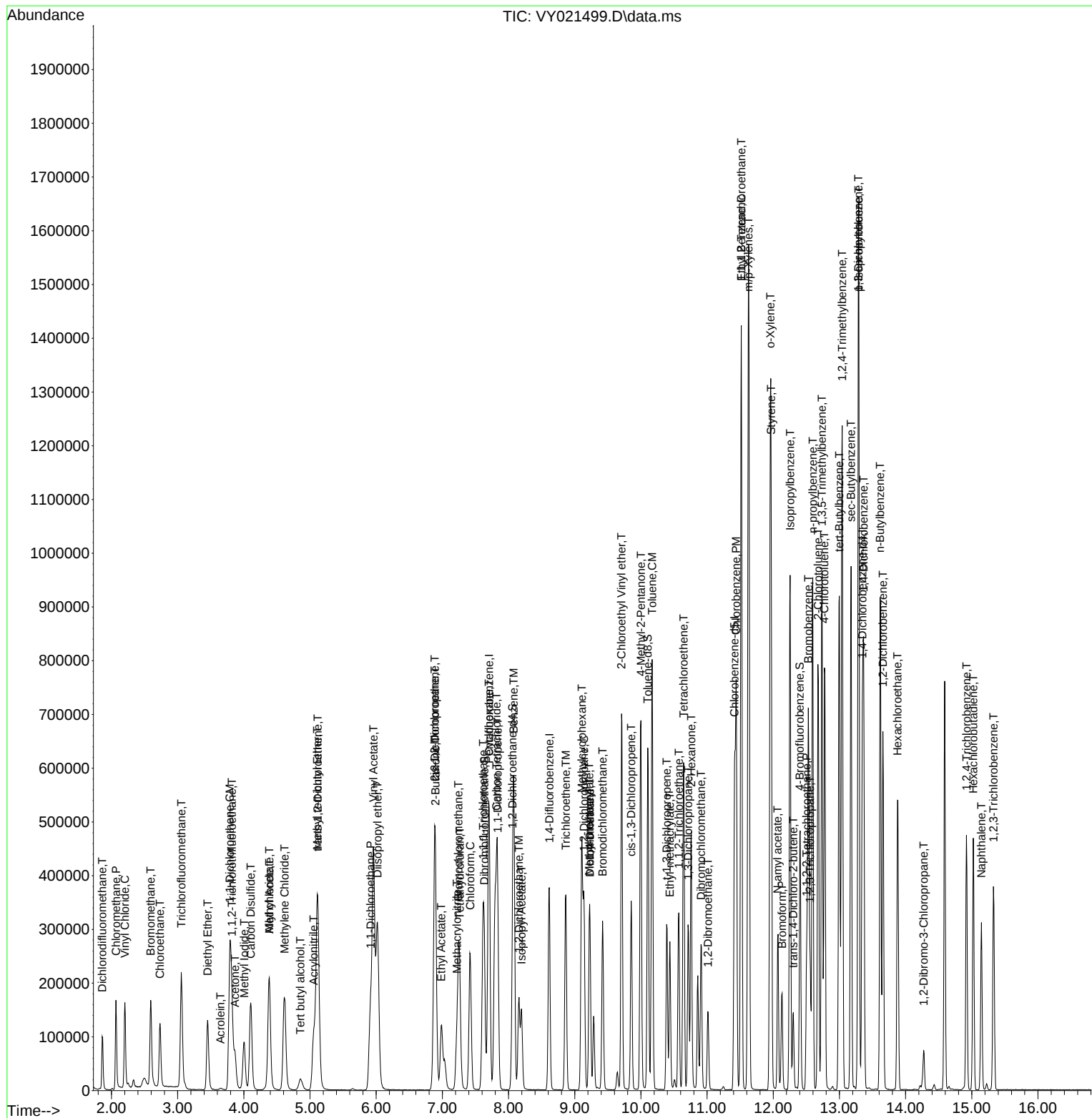
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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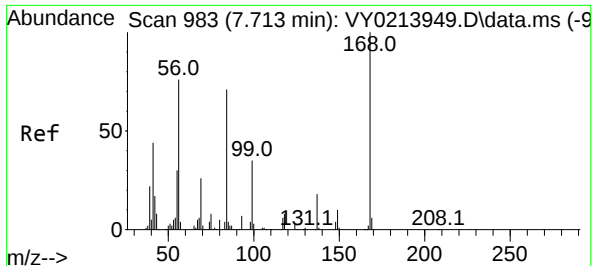
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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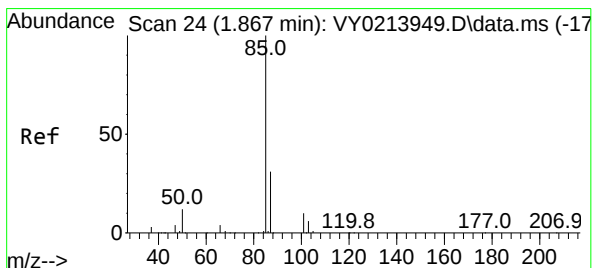
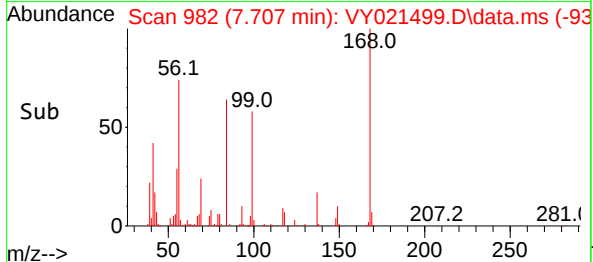
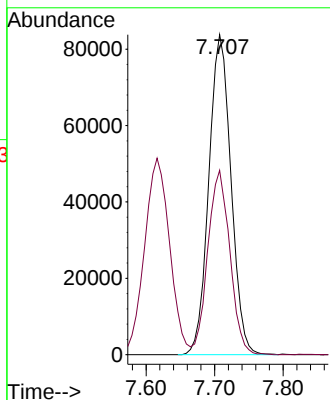
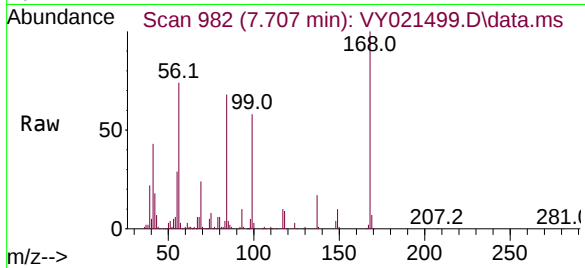




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021499.D
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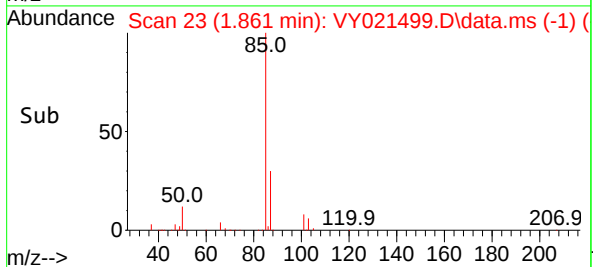
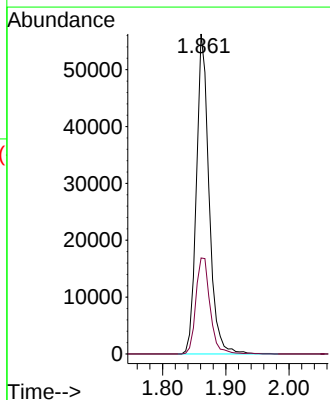
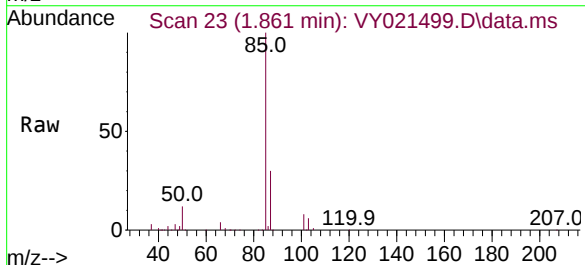
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 188286
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 45.376 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 85 Resp: 78402
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0

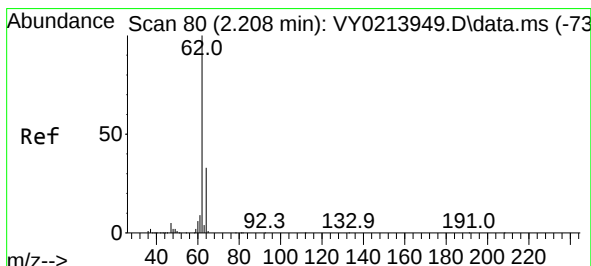
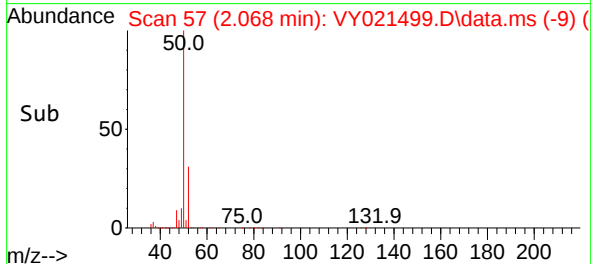
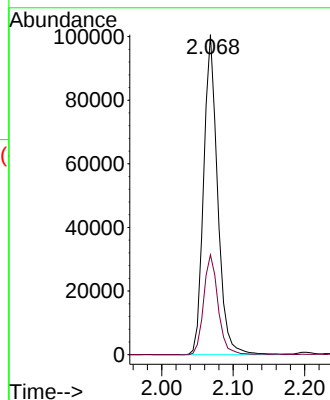
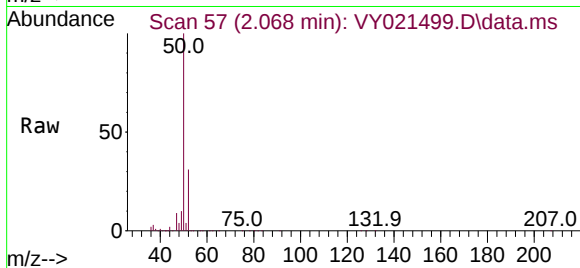




#3
Chloromethane
Concen: 56.124 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

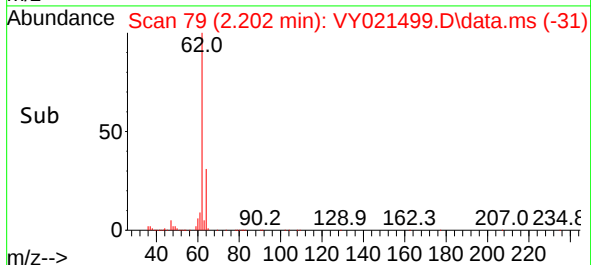
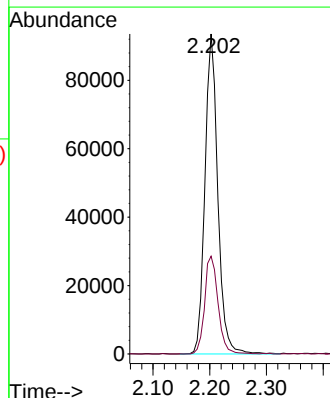
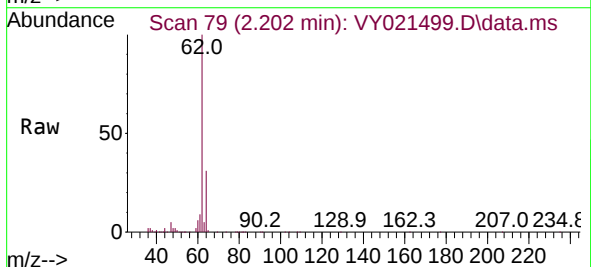
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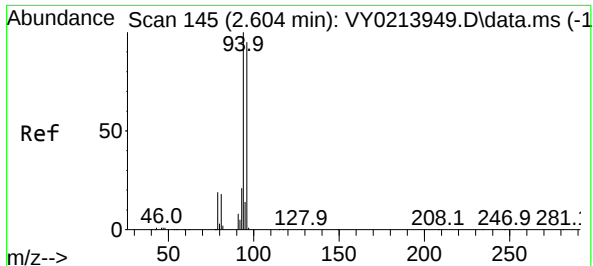
Tgt Ion: 50 Resp: 136719
Ion Ratio Lower Upper
50 100
52 31.2 26.2 39.2



#4
Vinyl Chloride
Concen: 55.360 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 62 Resp: 147372
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2

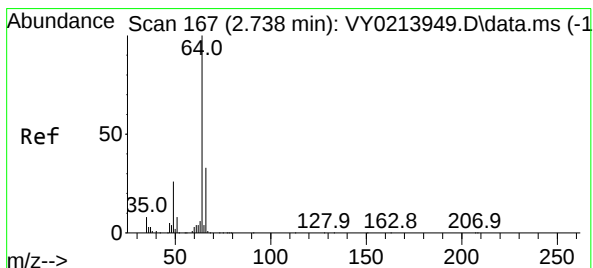
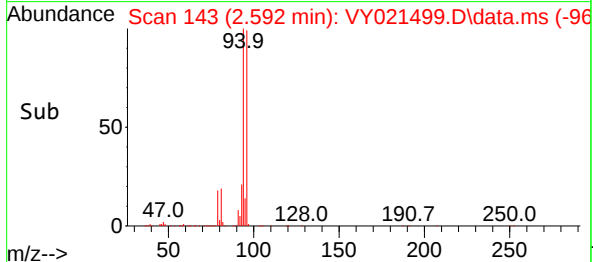
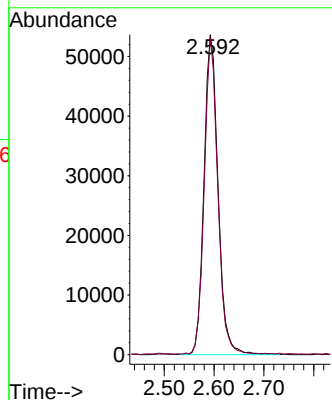
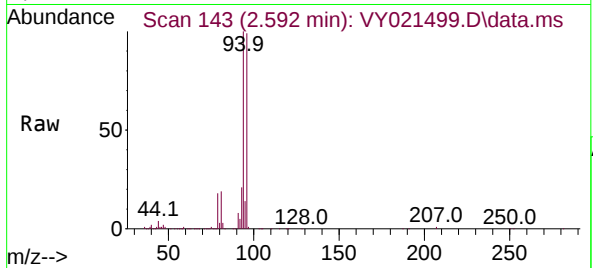




#5
Bromomethane
Concen: 54.769 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021499.D
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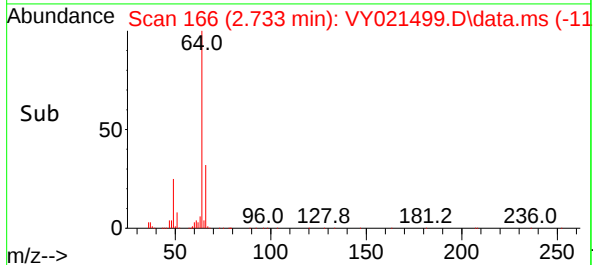
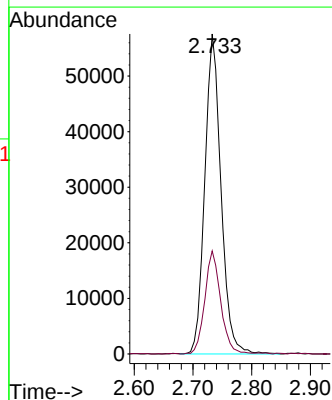
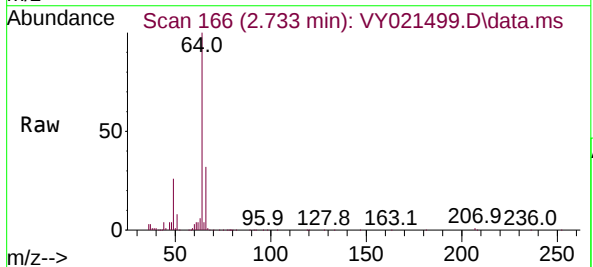
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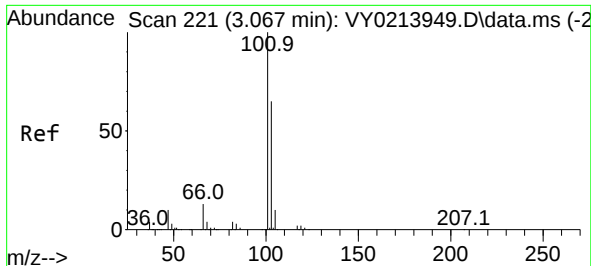
Tgt Ion: 94 Resp: 105375
Ion Ratio Lower Upper
94 100
96 98.9 76.3 114.5



#6
Chloroethane
Concen: 62.825 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 64 Resp: 110523
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1

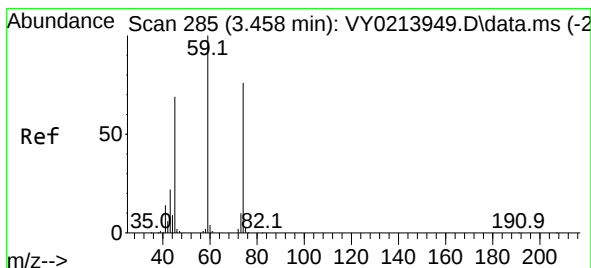
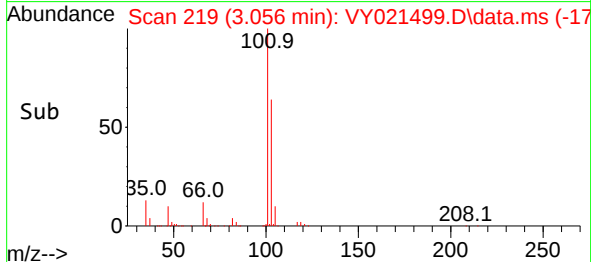
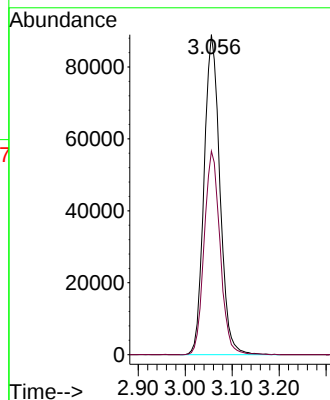
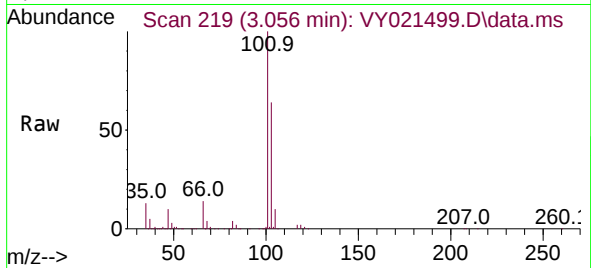




#7
Trichlorofluoromethane
Concen: 55.910 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

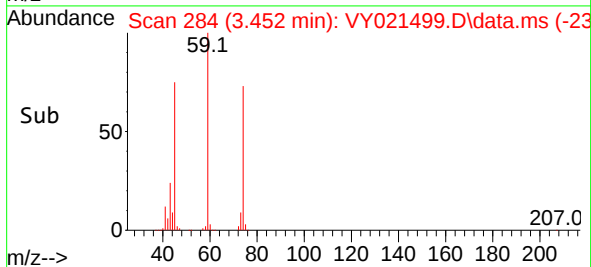
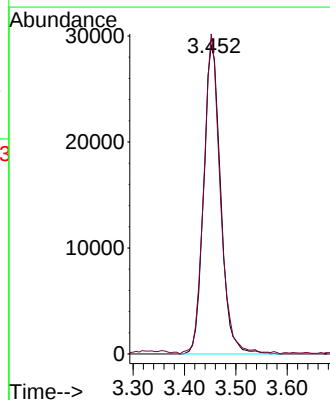
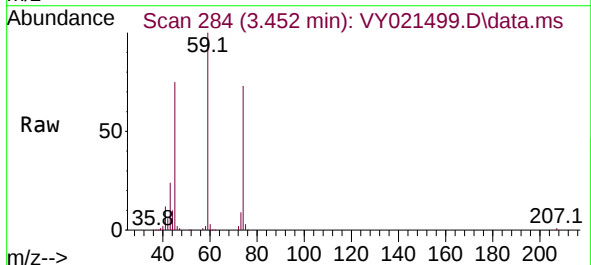
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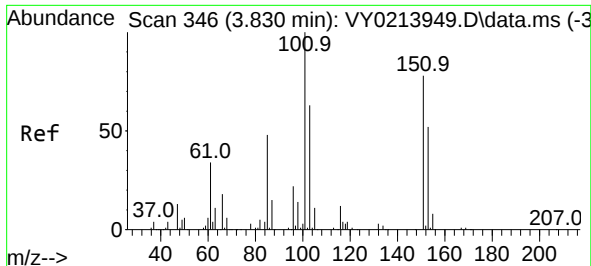
Tgt Ion:101 Resp: 207743
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5



#8
Diethyl Ether
Concen: 64.944 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 66874
Ion Ratio Lower Upper
74 100
45 101.0 49.7 149.1

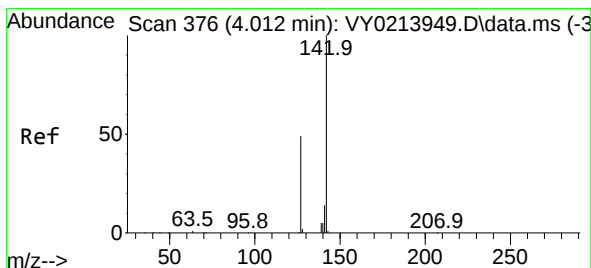
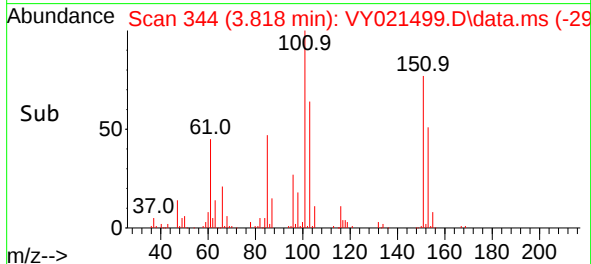
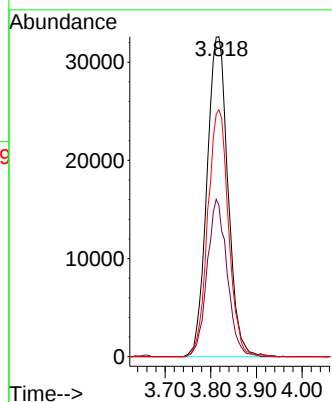
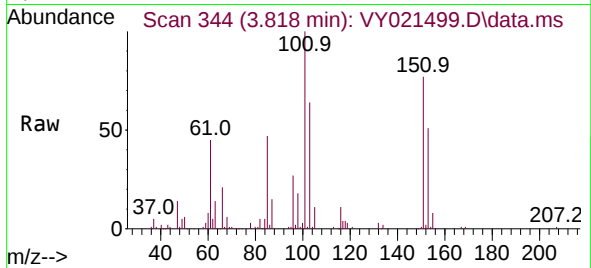




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.031 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

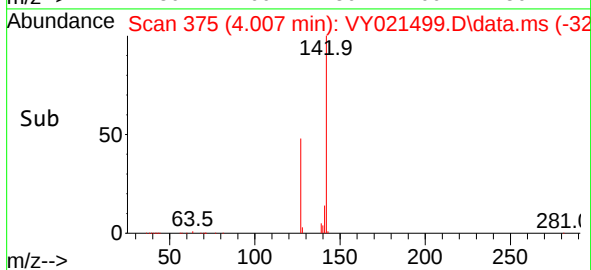
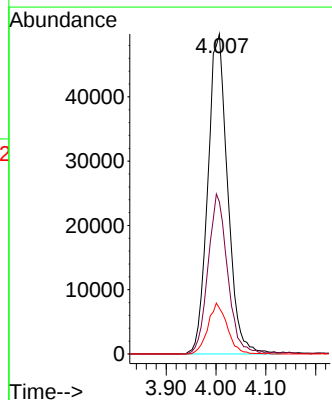
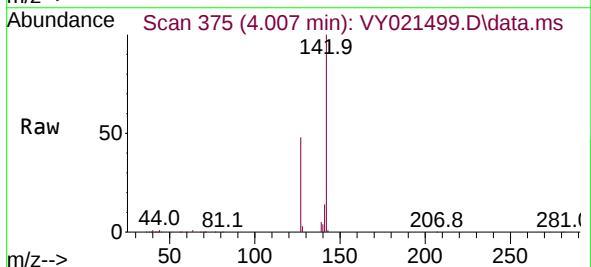
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

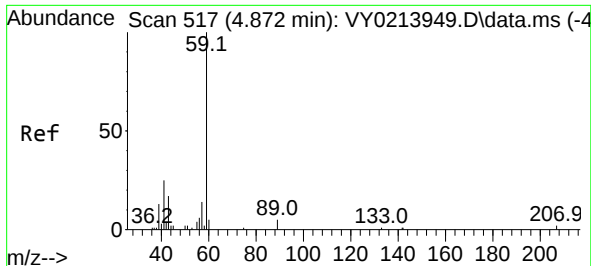
Tgt Ion:101 Resp: 104015
Ion Ratio Lower Upper
101 100
85 46.9 37.1 55.7
151 75.8 62.1 93.1



#10
Methyl Iodide
Concen: 63.881 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:142 Resp: 137756
Ion Ratio Lower Upper
142 100
127 49.2 39.1 58.7
141 15.4 11.8 17.6

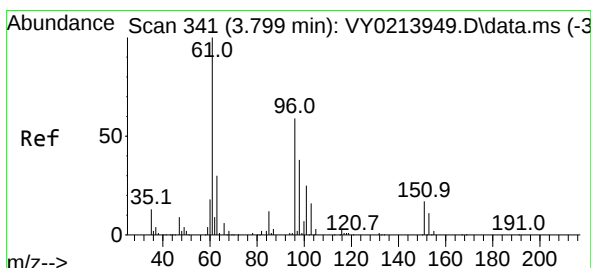
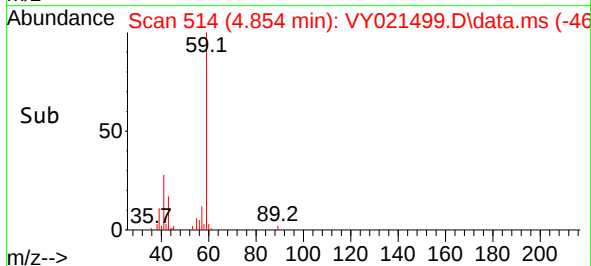
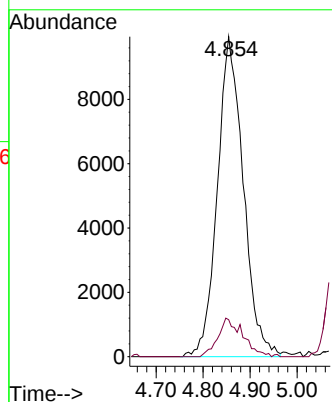
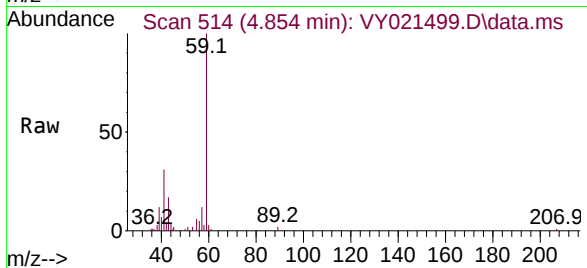




#11
Tert butyl alcohol
Concen: 298.685 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

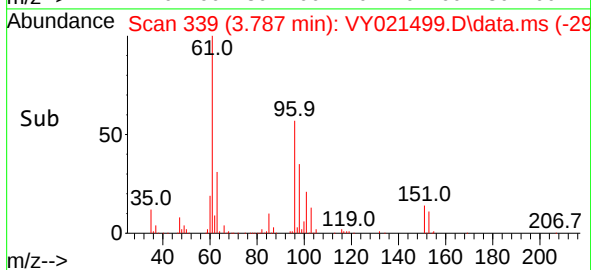
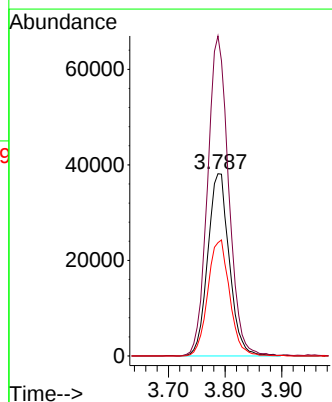
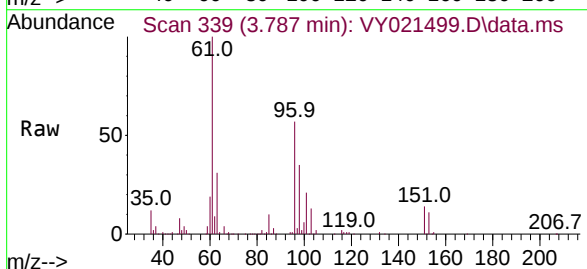
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

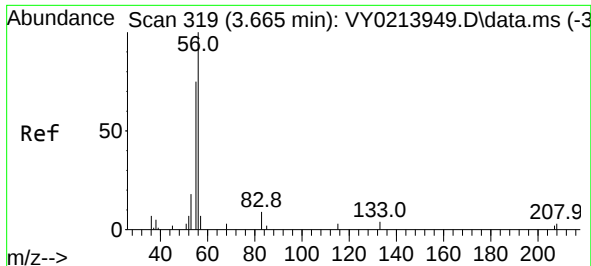
Tgt Ion: 59 Resp: 38079
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.074 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 96 Resp: 100716
Ion Ratio Lower Upper
96 100
61 175.5 135.2 202.8
98 62.1 51.4 77.2

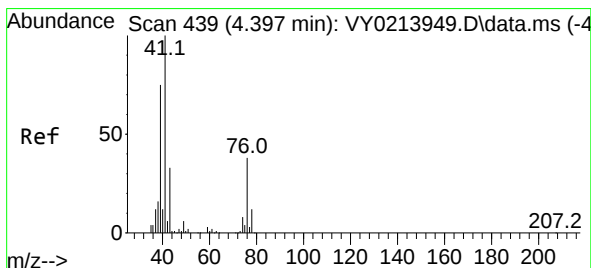
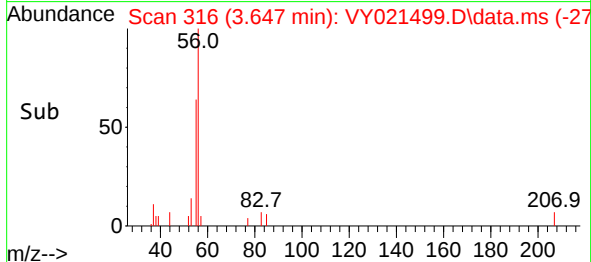
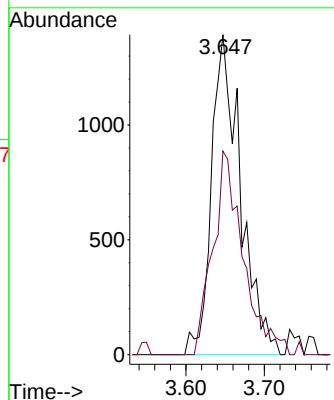
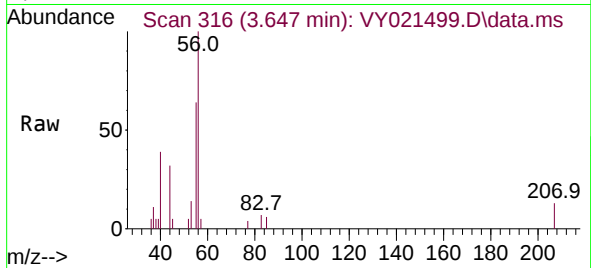




#13
Acrolein
Concen: 35.378 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

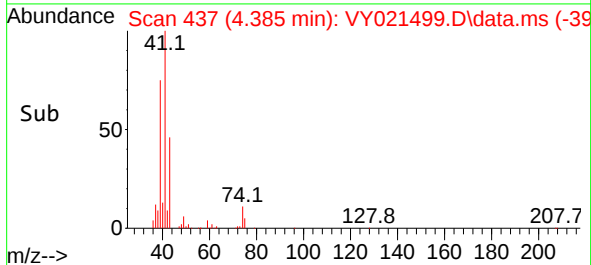
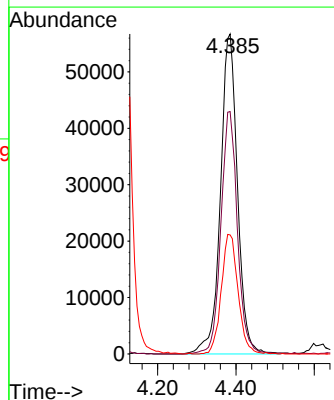
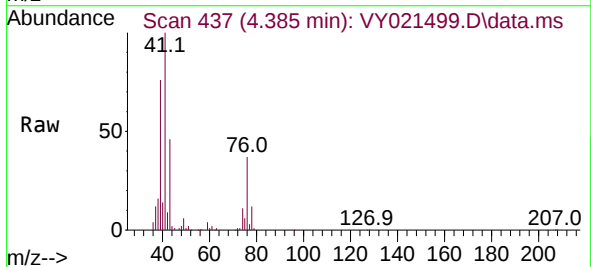
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

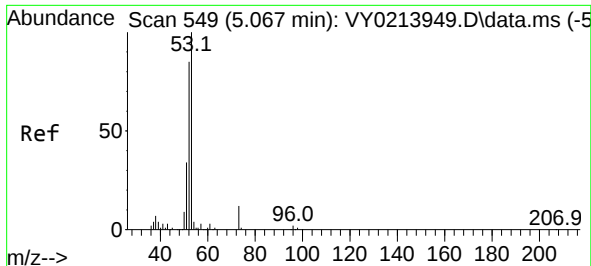
Tgt Ion: 56 Resp: 3581
Ion Ratio Lower Upper
56 100
55 66.8 63.4 95.2



#14
Allyl chloride
Concen: 54.995 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 41 Resp: 171893
Ion Ratio Lower Upper
41 100
39 73.3 59.3 88.9
76 36.7 29.8 44.8

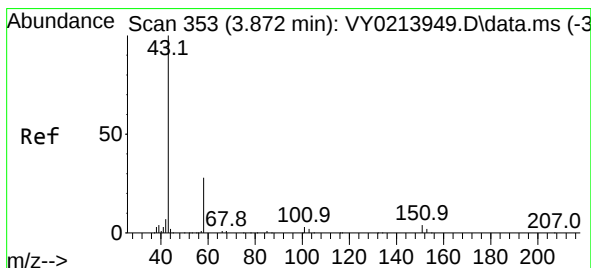
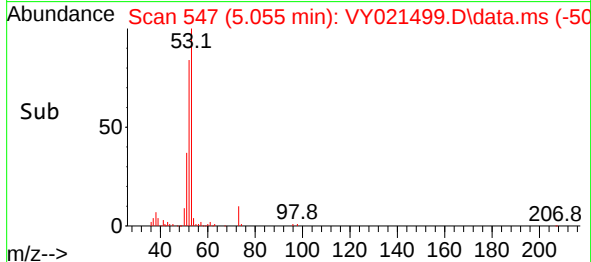
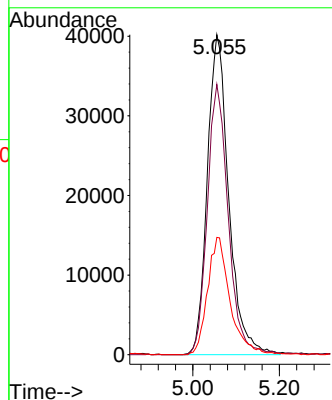
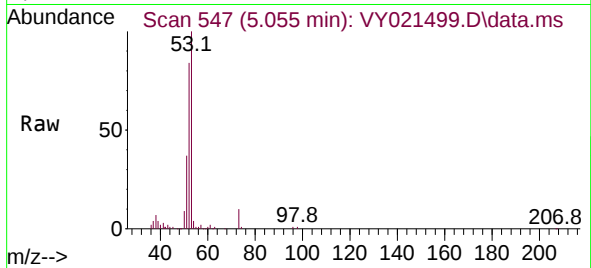




#15
Acrylonitrile
Concen: 315.472 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

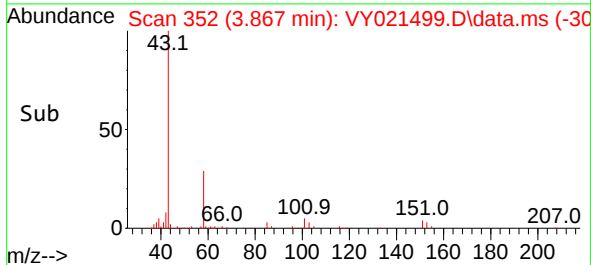
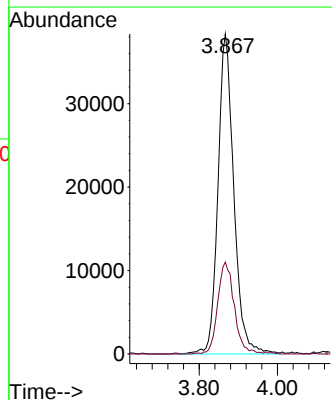
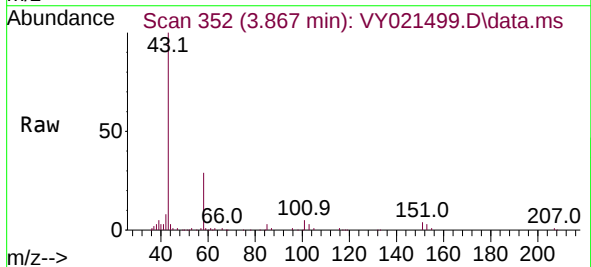
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

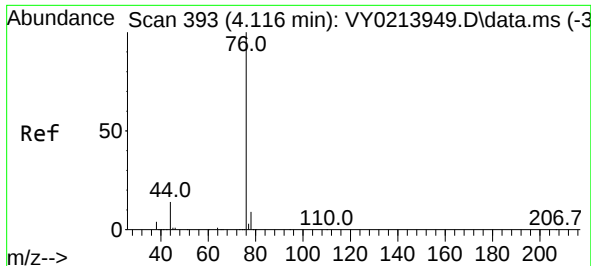
Tgt Ion: 53 Resp: 138284
Ion Ratio Lower Upper
53 100
52 82.5 66.3 99.5
51 38.5 30.3 45.5



#16
Acetone
Concen: 248.203 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.005 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 43 Resp: 107733
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1

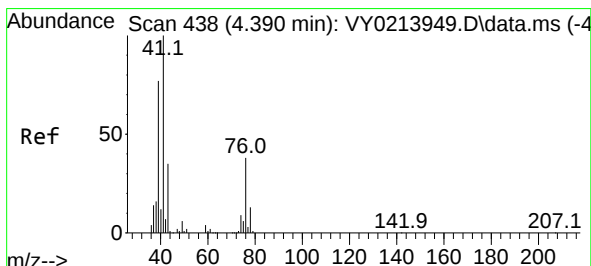
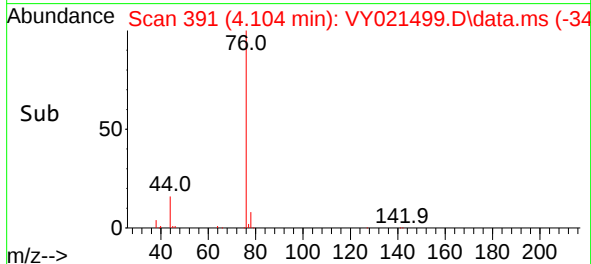
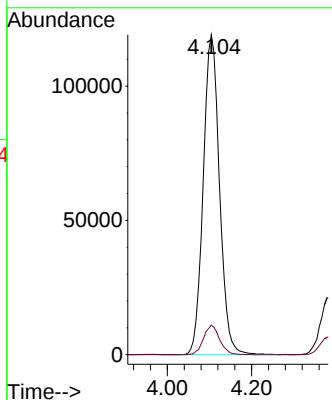
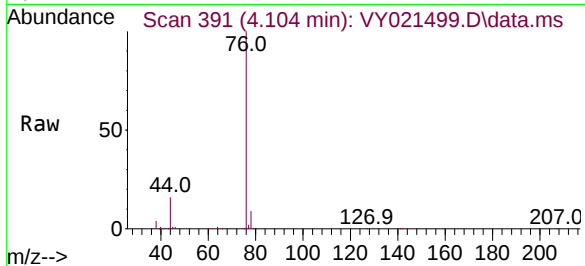




#17
Carbon Disulfide
Concen: 52.820 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

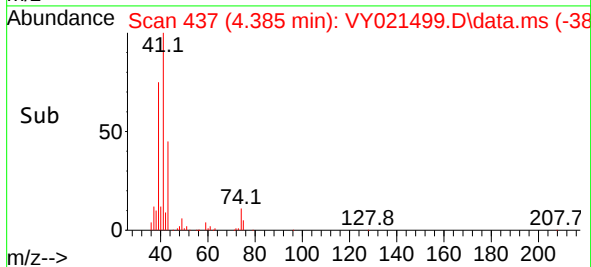
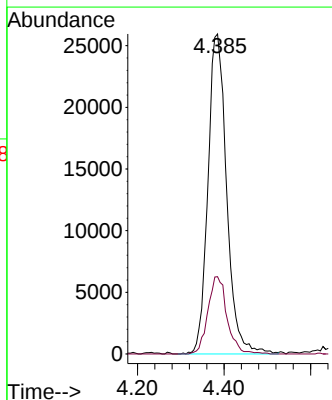
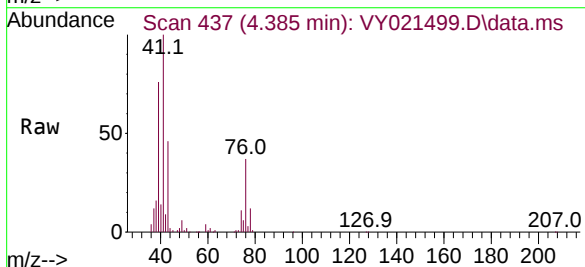
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

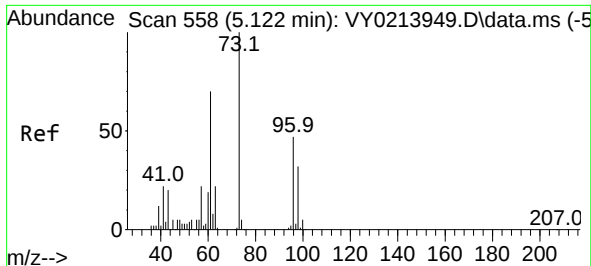
Tgt Ion: 76 Resp: 320160
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 81.095 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 43 Resp: 78101
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0

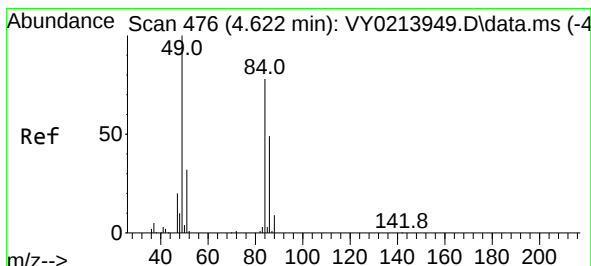
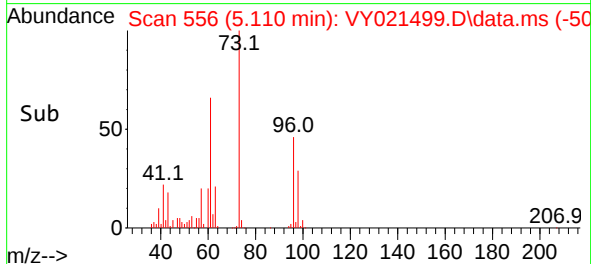
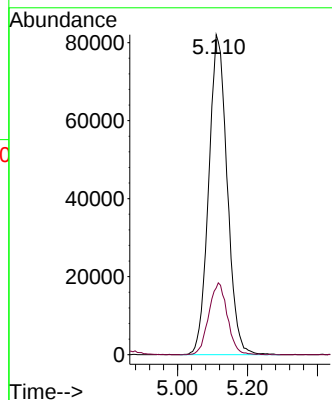
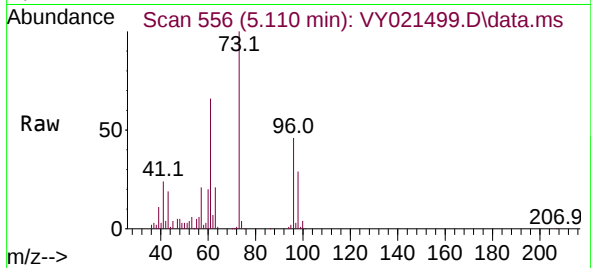




#19
Methyl tert-butyl Ether
Concen: 61.348 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

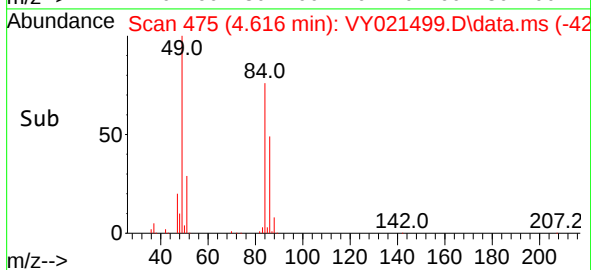
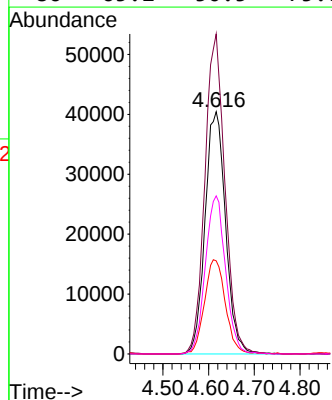
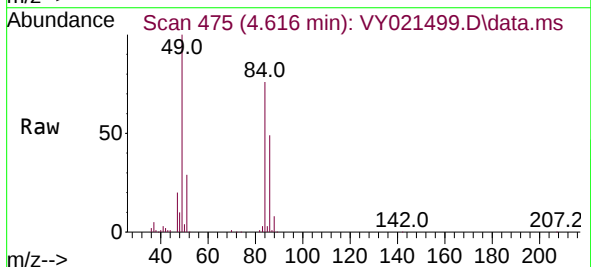
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 300736
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9



#20
Methylene Chloride
Concen: 55.444 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 84 Resp: 126326
Ion Ratio Lower Upper
84 100
49 131.9 102.0 153.0
51 38.4 33.0 49.6
86 65.2 50.5 75.7

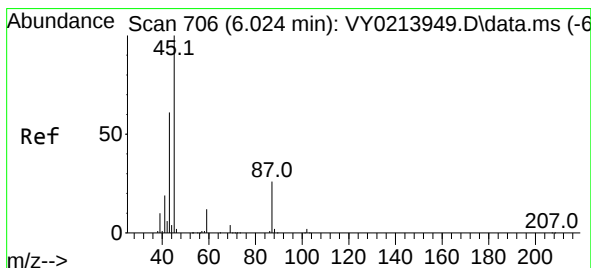
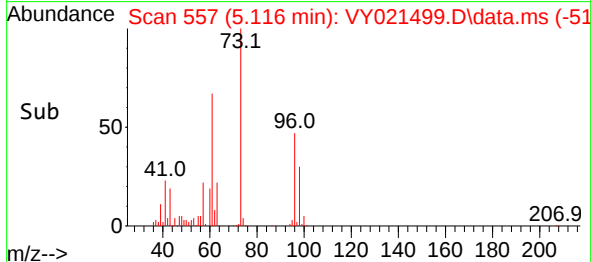
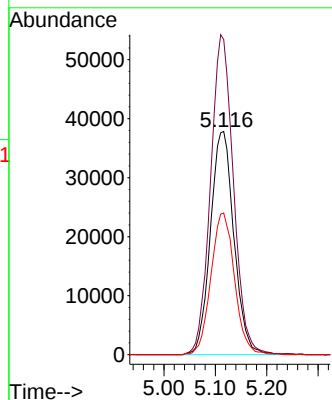
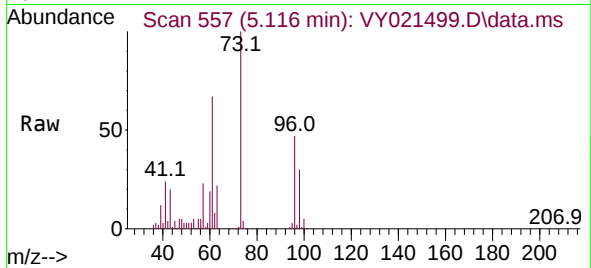




#21
trans-1,2-Dichloroethene
Concen: 55.501 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

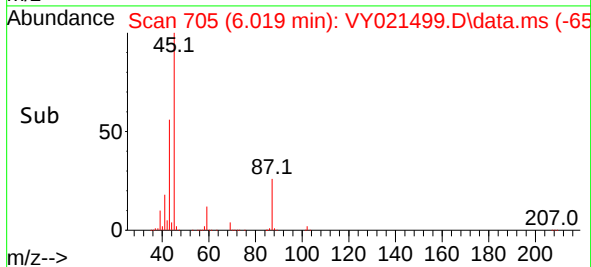
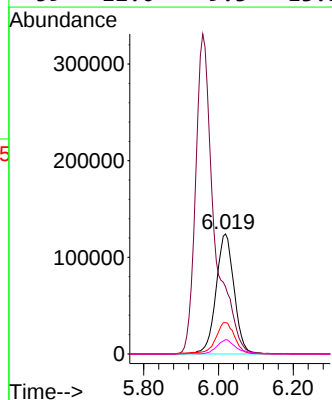
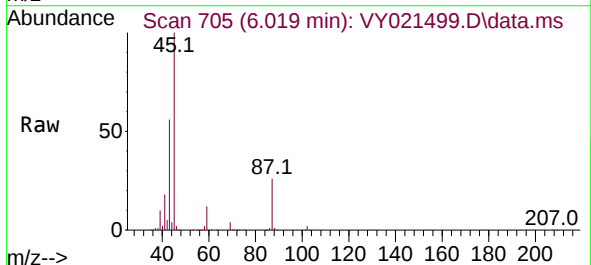
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

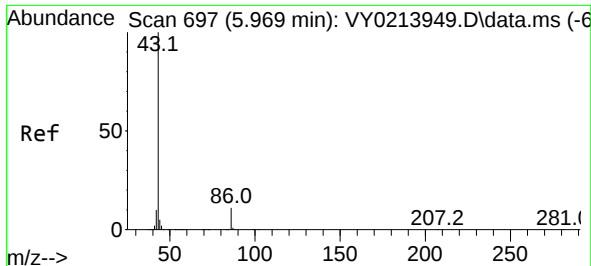
Tgt Ion: 96 Resp: 120218
Ion Ratio Lower Upper
96 100
61 141.3 111.5 167.3
98 63.5 53.8 80.8



#22
Diisopropyl ether
Concen: 62.008 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 45 Resp: 417685
Ion Ratio Lower Upper
45 100
43 55.6 48.7 73.1
87 26.2 21.5 32.3
59 12.0 9.3 13.9

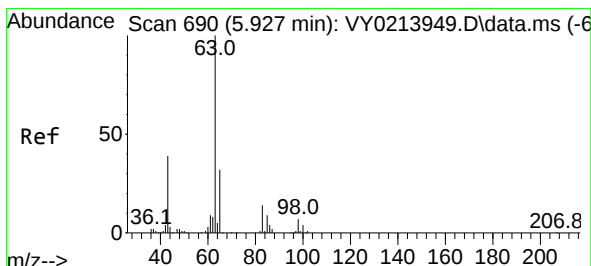
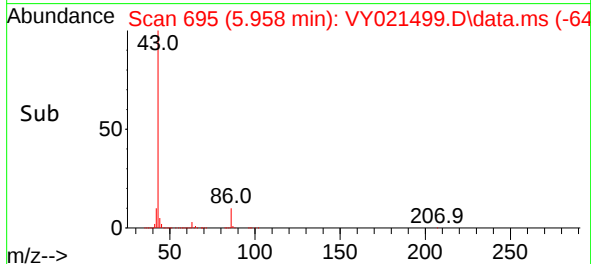
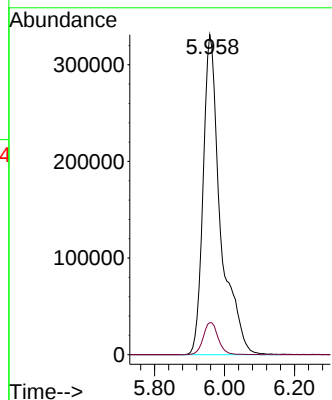
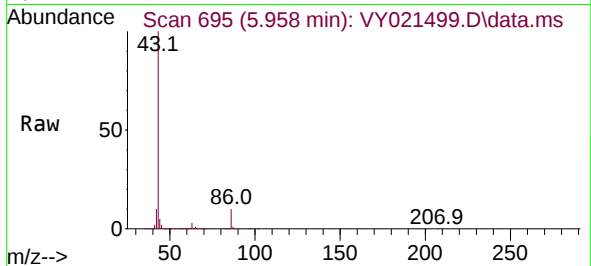




#23
 Vinyl Acetate
 Concen: 297.109 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

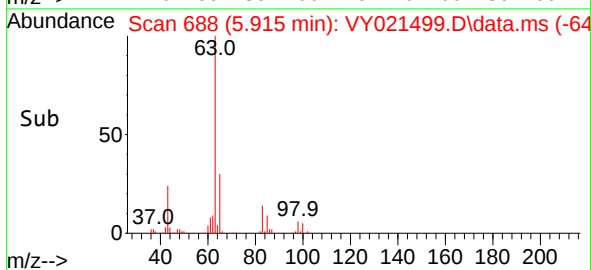
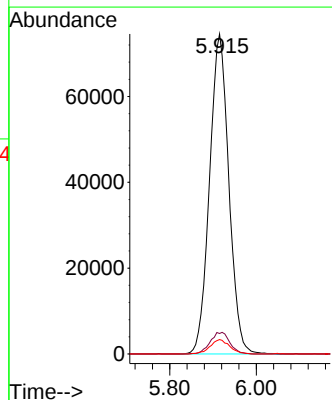
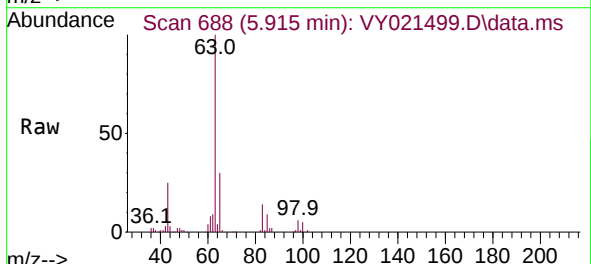
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

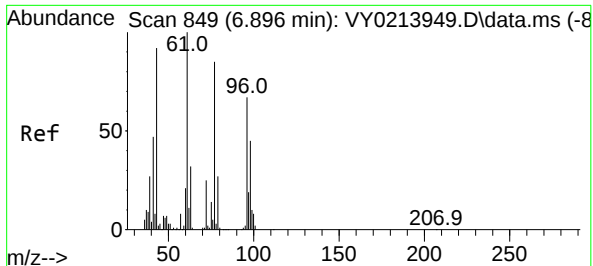
Tgt Ion: 43 Resp: 1142164
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 58.024 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion: 63 Resp: 230679
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 293.960 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

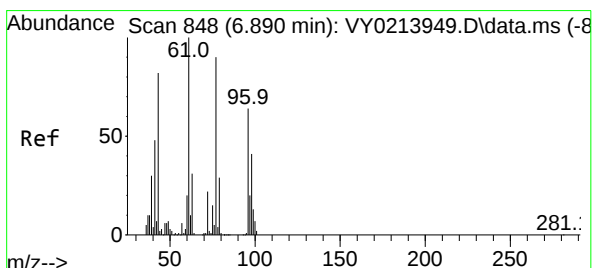
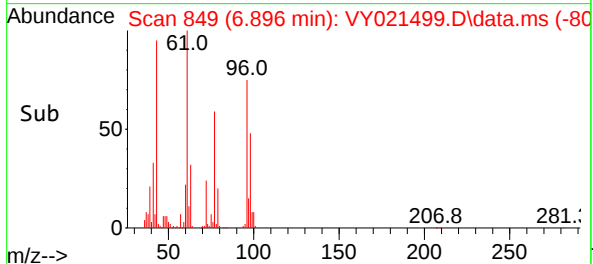
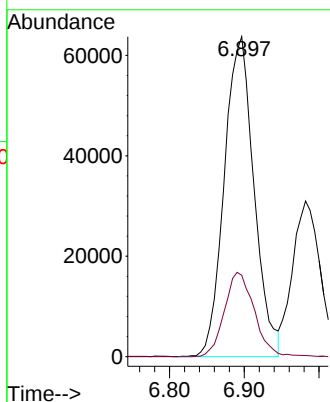
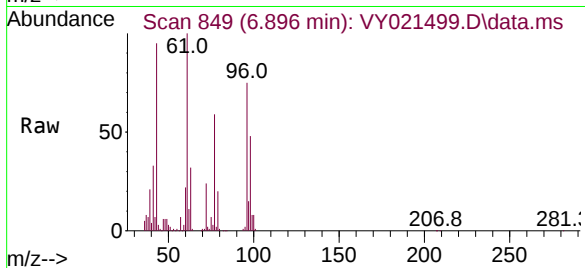
VSTDCCC050EC

Tgt Ion: 43 Resp: 176501

Ion Ratio Lower Upper

43 100

72 25.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 41.573 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021499.D

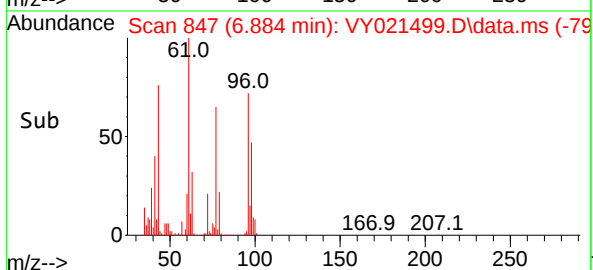
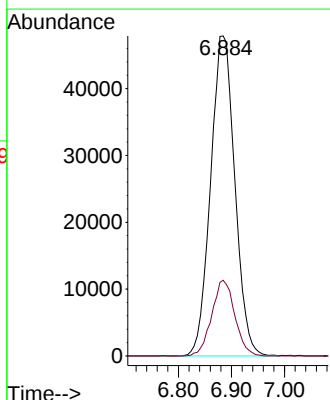
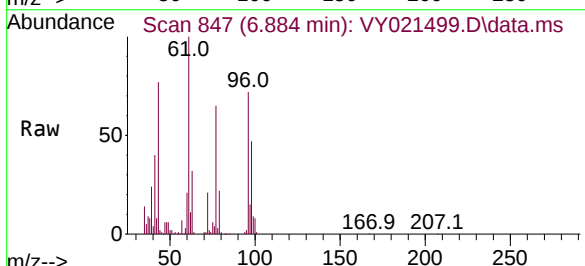
Acq: 11 Mar 2025 20:11

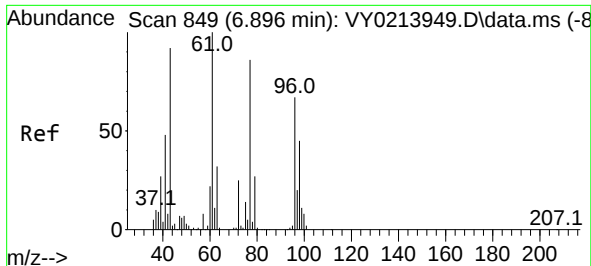
Tgt Ion: 77 Resp: 152073

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8

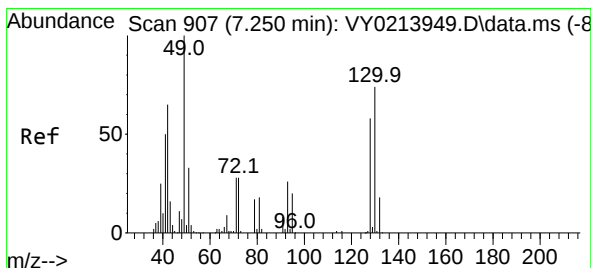
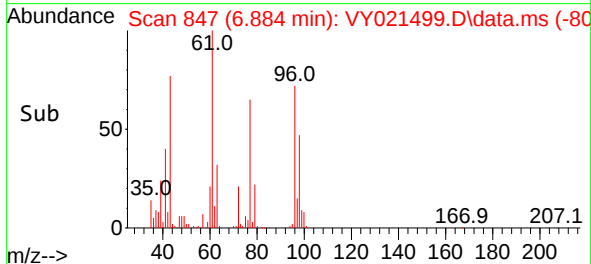
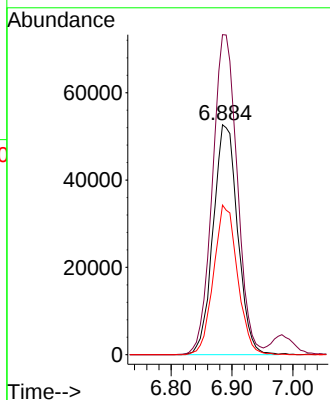
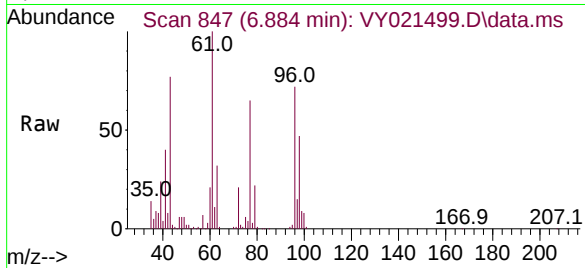




#27
 cis-1,2-Dichloroethene
 Concen: 59.898 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

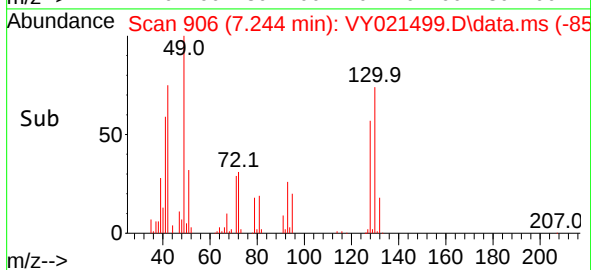
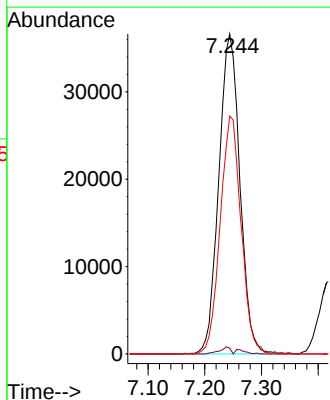
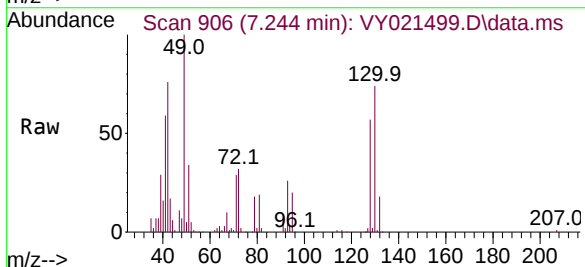
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

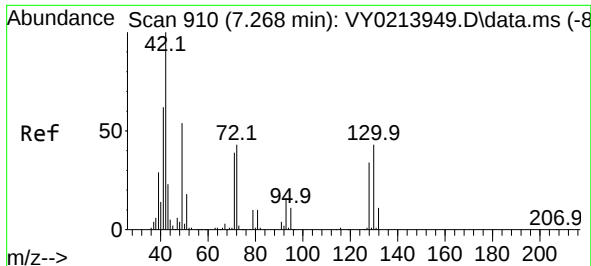
Tgt Ion: 96 Resp: 147390
 Ion Ratio Lower Upper
 96 100
 61 140.7 0.0 300.8
 98 63.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.873 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion: 49 Resp: 94791
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.2
 130 73.6 59.6 89.4

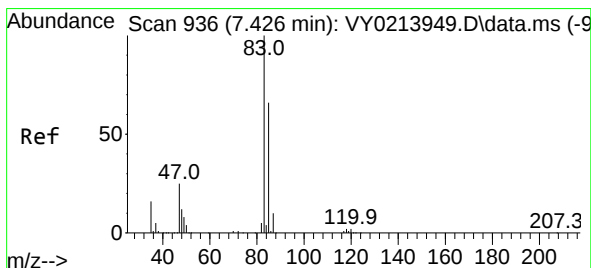
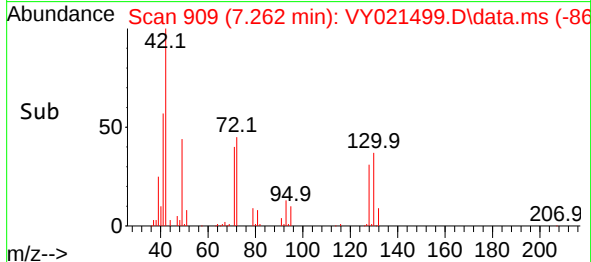
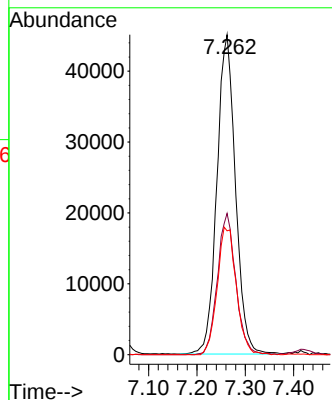
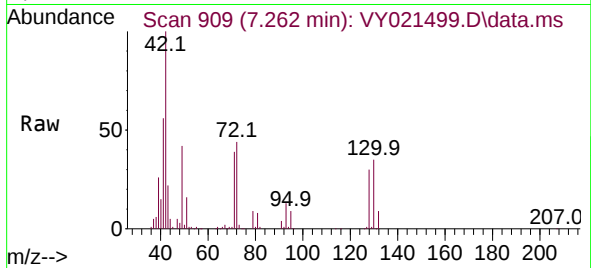




#29
Tetrahydrofuran
Concen: 323.706 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

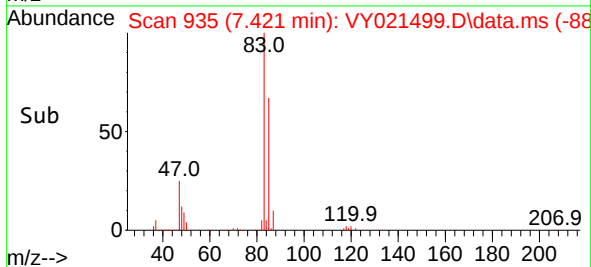
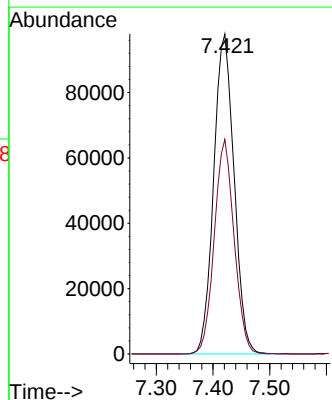
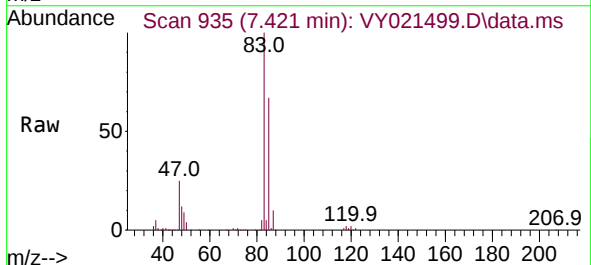
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

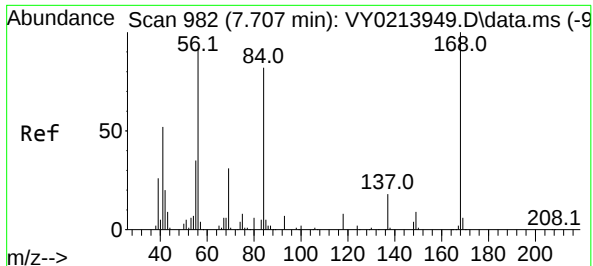
Tgt Ion: 42 Resp: 119989
Ion Ratio Lower Upper
42 100
72 43.8 34.8 52.2
71 41.0 32.6 48.8



#30
Chloroform
Concen: 59.184 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 83 Resp: 244324
Ion Ratio Lower Upper
83 100
85 67.1 53.1 79.7





#31

Cyclohexane

Concen: 46.635 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

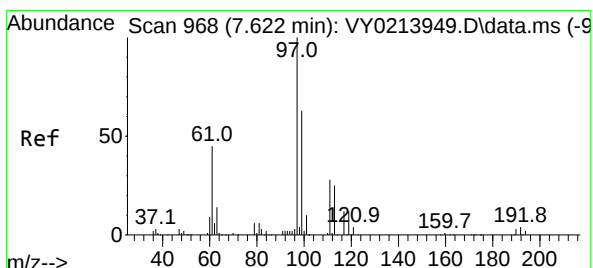
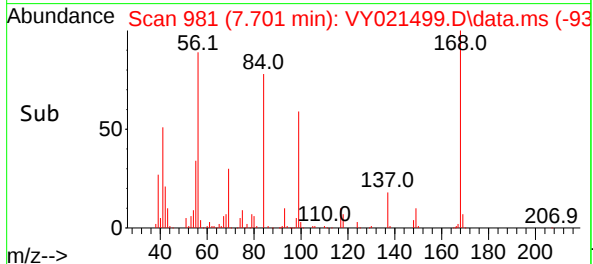
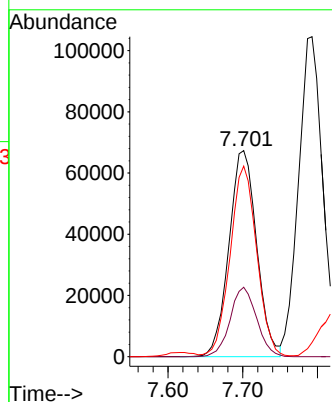
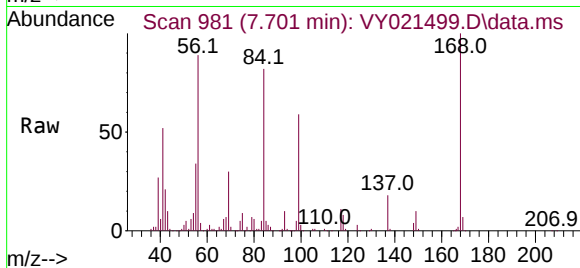
Tgt Ion: 56 Resp: 173813

Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

84 90.7 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 54.404 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

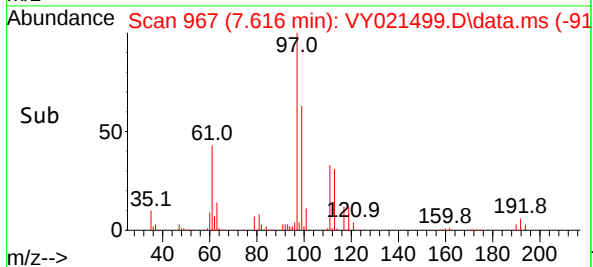
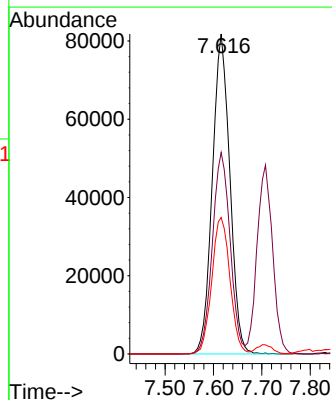
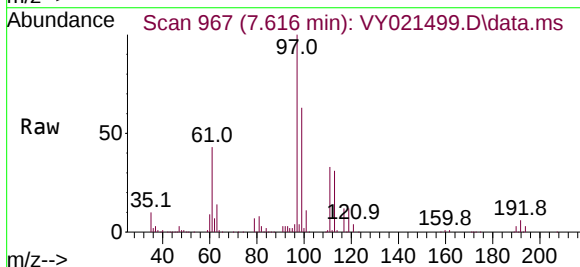
Tgt Ion: 97 Resp: 205643

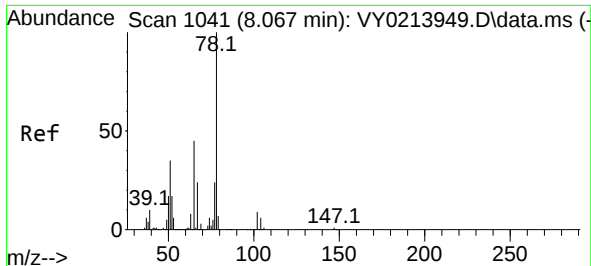
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 44.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 58.398 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

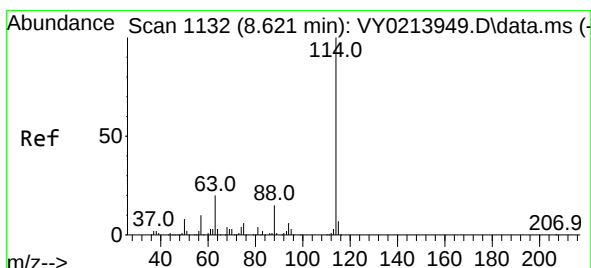
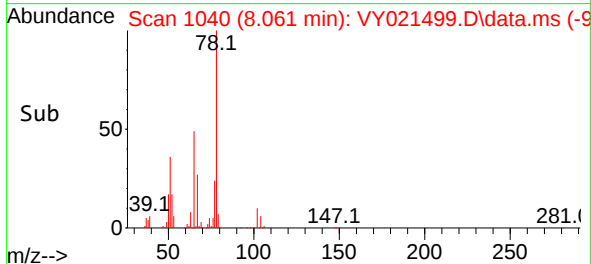
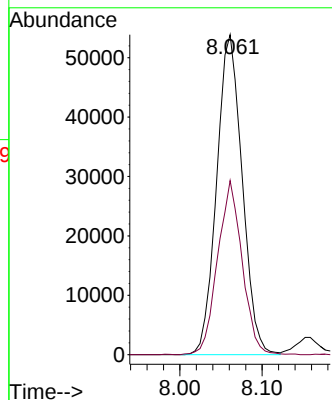
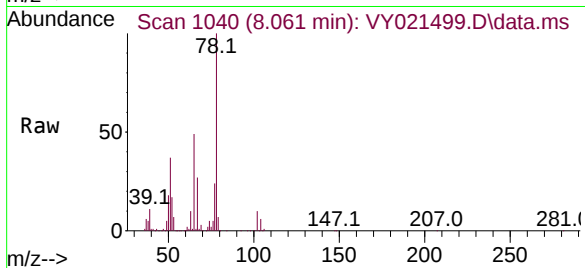
VSTDCCC050EC

Tgt Ion: 65 Resp: 116217

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

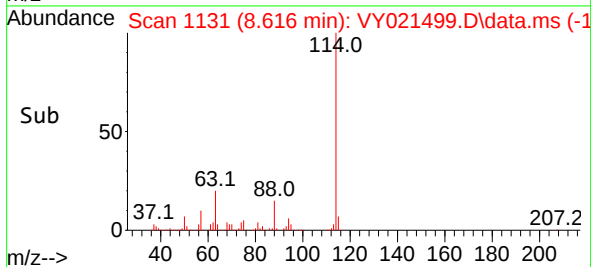
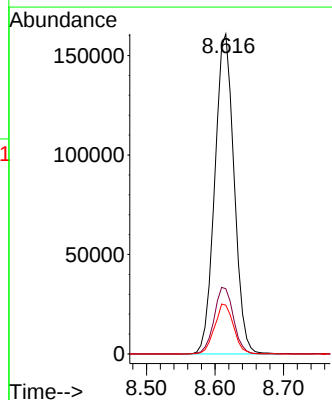
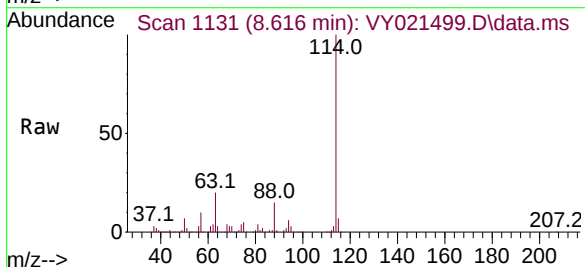
Tgt Ion: 114 Resp: 313657

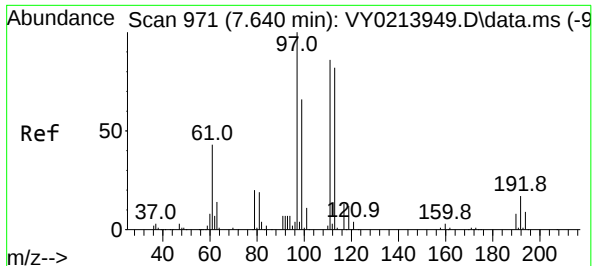
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.257 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

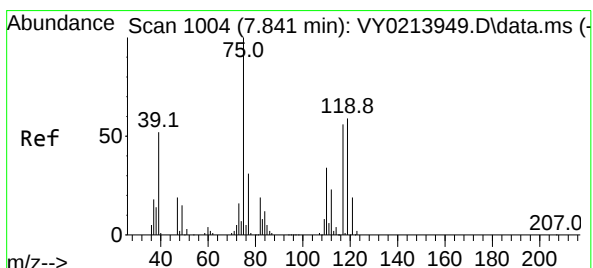
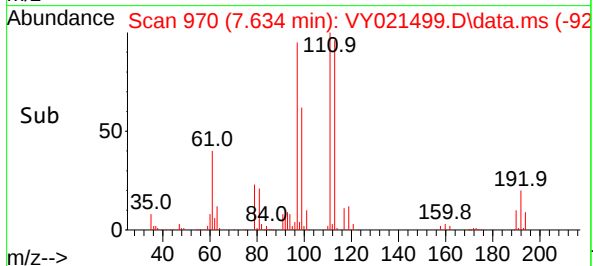
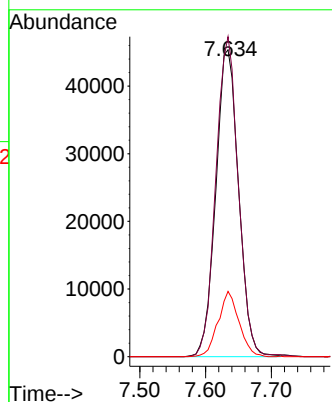
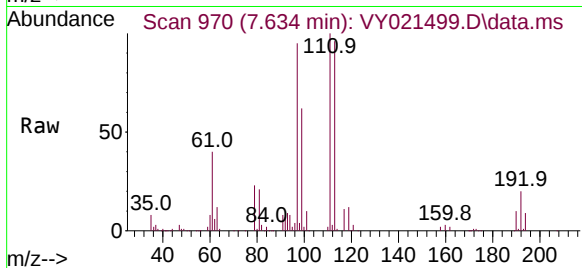
Tgt Ion:113 Resp: 109801

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.944 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

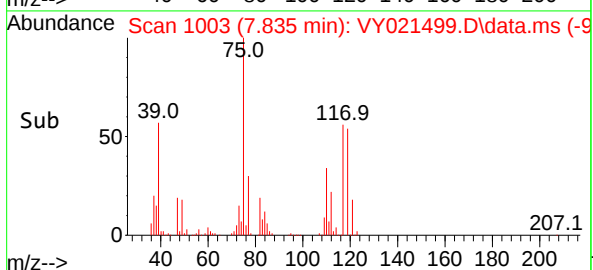
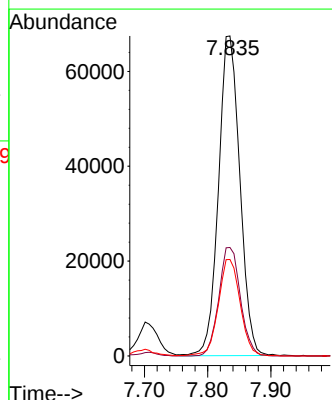
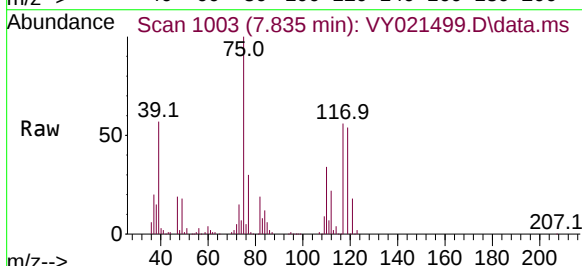
Tgt Ion: 75 Resp: 157953

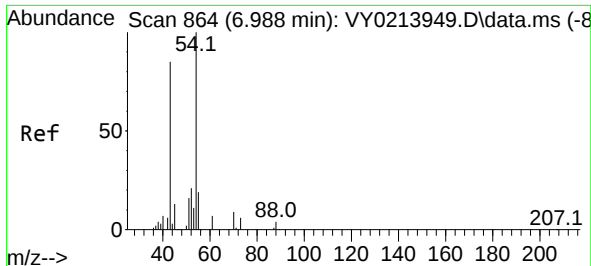
Ion Ratio Lower Upper

75 100

110 34.3 17.3 51.7

77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 57.987 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

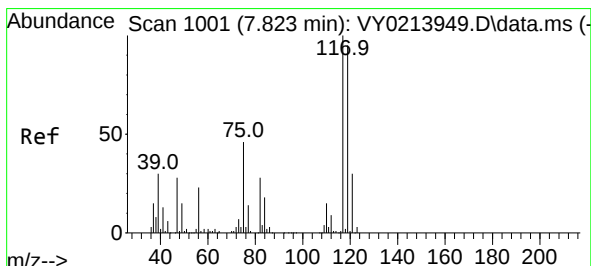
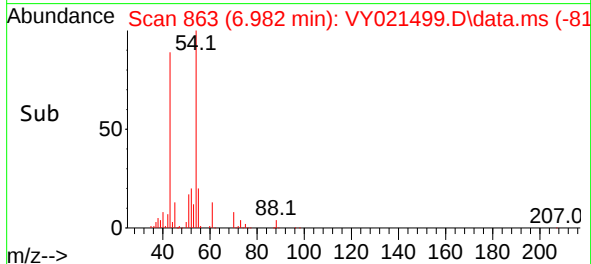
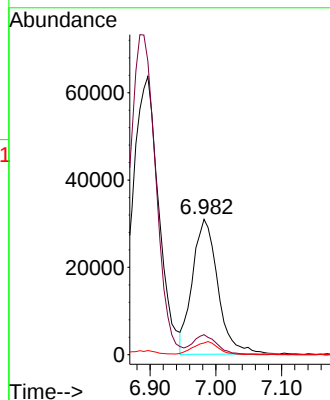
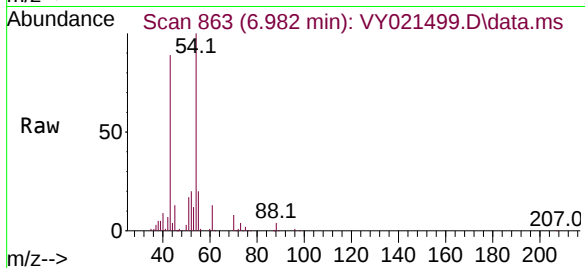
Tgt Ion: 43 Resp: 82713

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 9.4 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.840 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

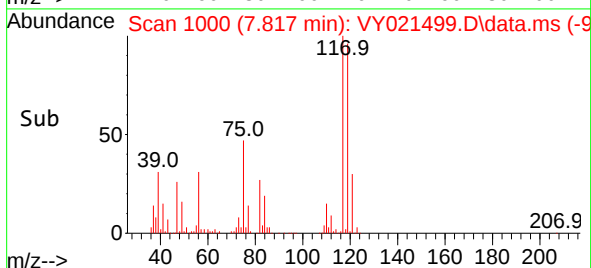
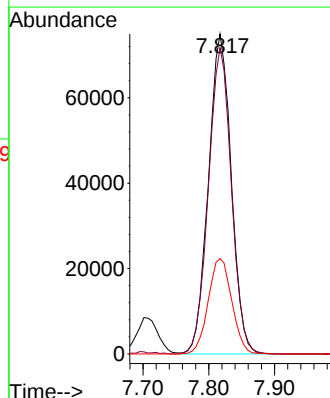
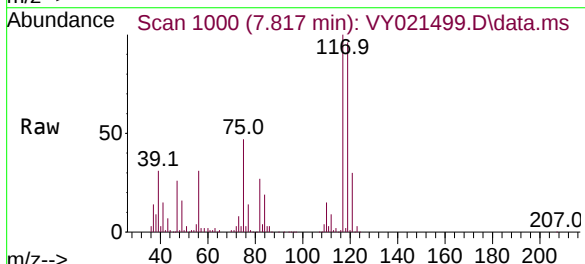
Tgt Ion: 117 Resp: 181272

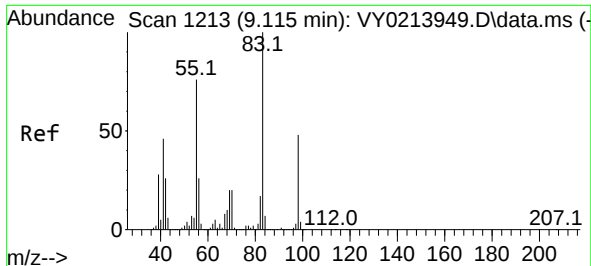
Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

121 29.8 23.9 35.9

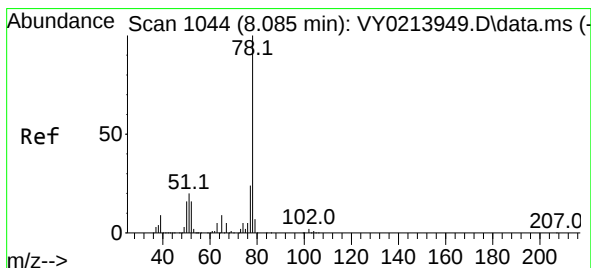
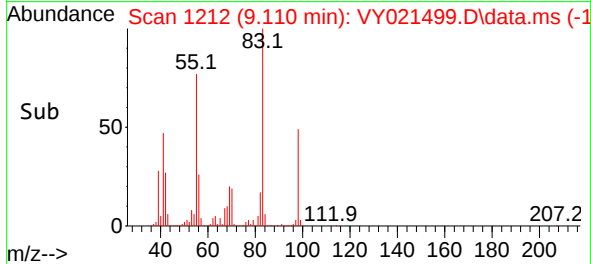
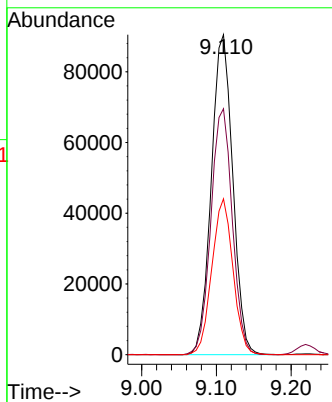
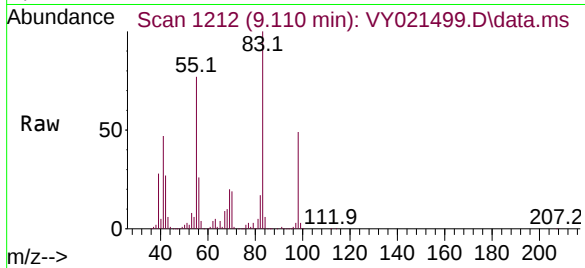




#39
Methylcyclohexane
Concen: 45.623 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

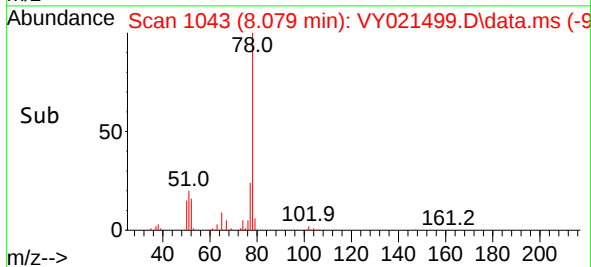
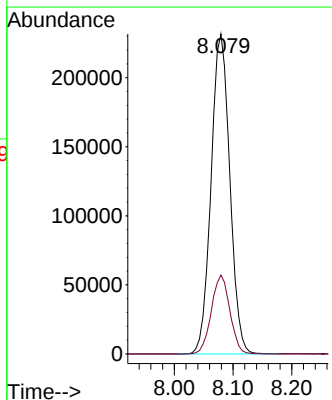
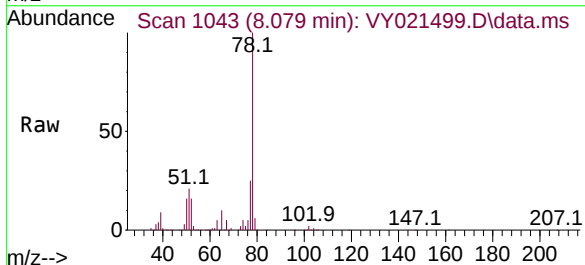
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

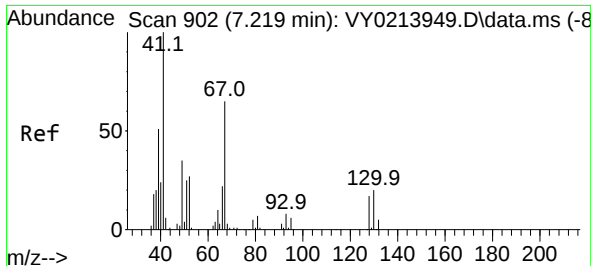
Tgt Ion: 83 Resp: 180602
Ion Ratio Lower Upper
83 100
55 76.8 60.7 91.1
98 48.7 38.6 57.8



#40
Benzene
Concen: 53.949 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 78 Resp: 512877
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4

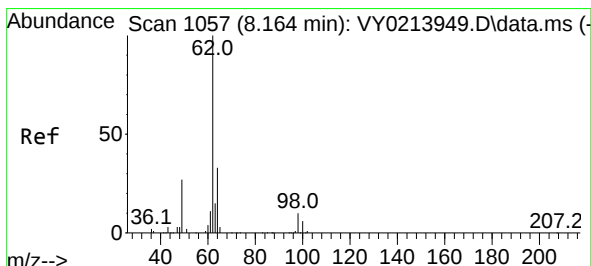
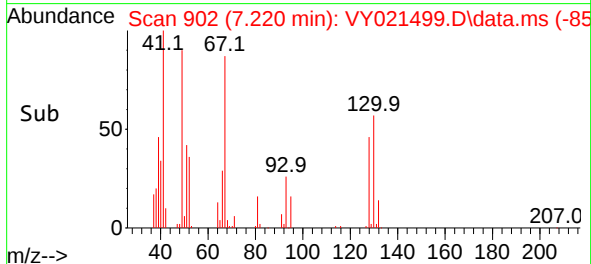
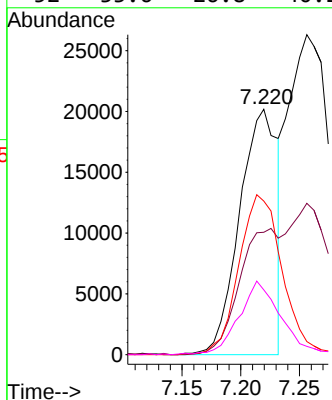
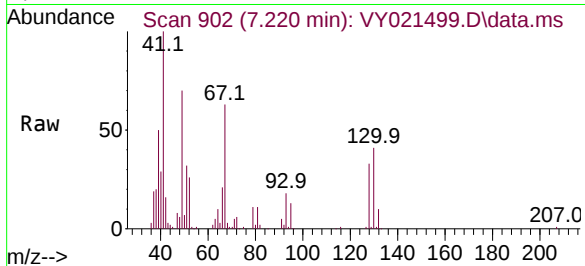




#41
Methacrylonitrile
Concen: 58.547 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

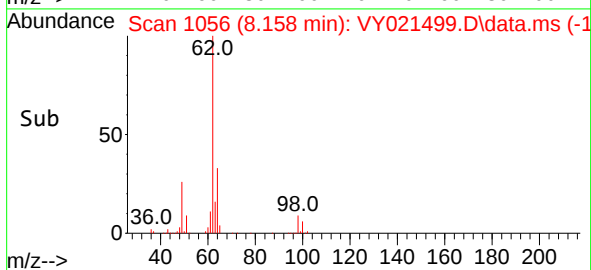
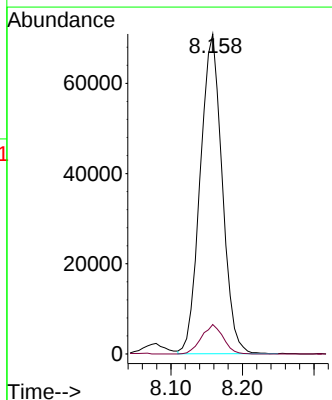
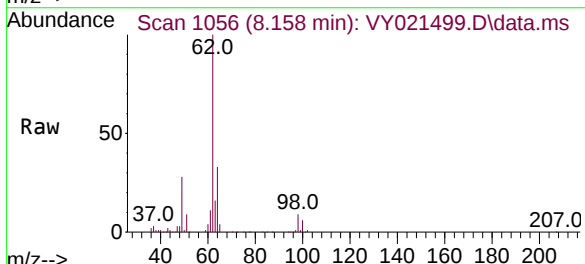
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

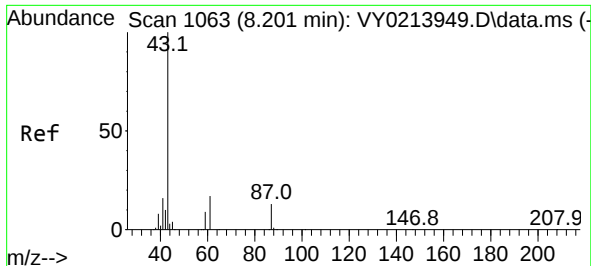
Tgt Ion: 41 Resp: 45472
Ion Ratio Lower Upper
41 100
39 53.1 35.0 52.6#
67 75.0 61.2 91.8
52 33.6 26.8 40.2



#42
1,2-Dichloroethane
Concen: 56.805 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 62 Resp: 151074
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.2

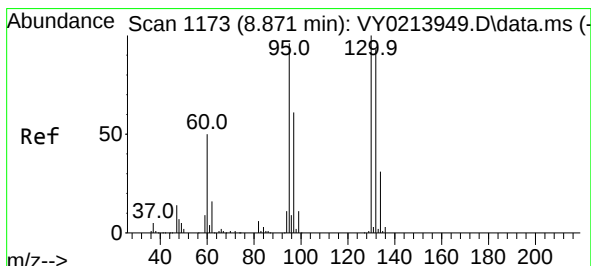
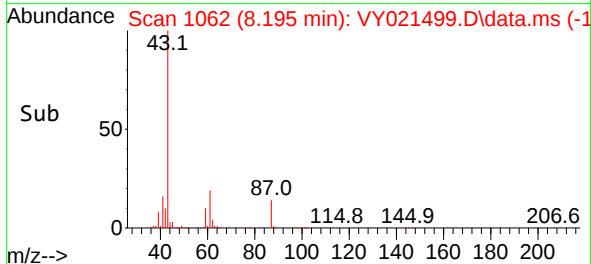
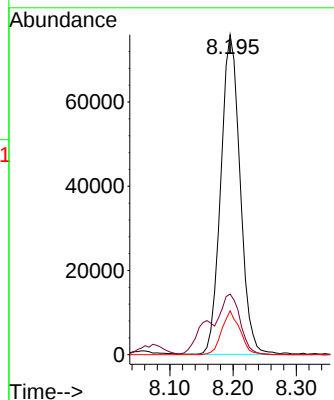
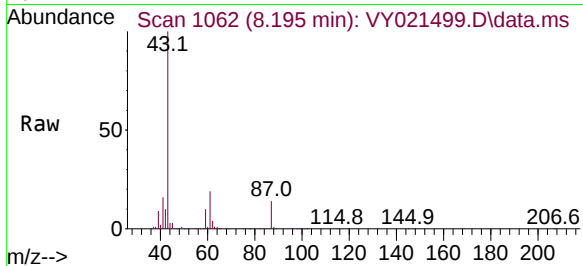




#43
Isopropyl Acetate
Concen: 57.950 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

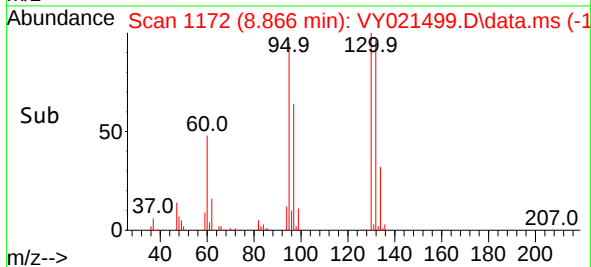
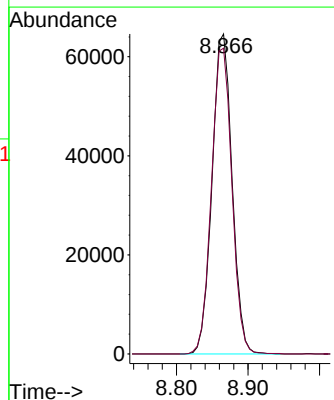
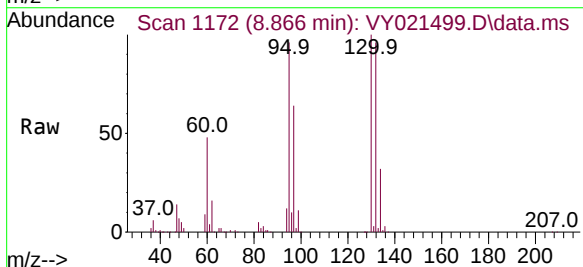
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

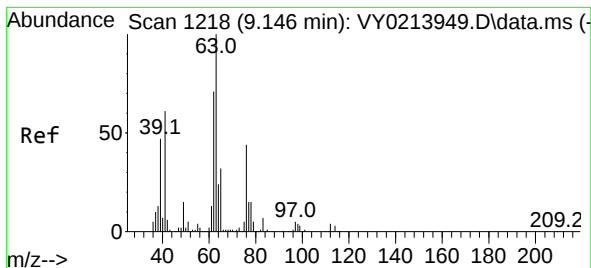
Tgt Ion: 43 Resp: 160462
Ion Ratio Lower Upper
43 100
61 19.4 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 52.313 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:130 Resp: 125673
Ion Ratio Lower Upper
130 100
95 95.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.465 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

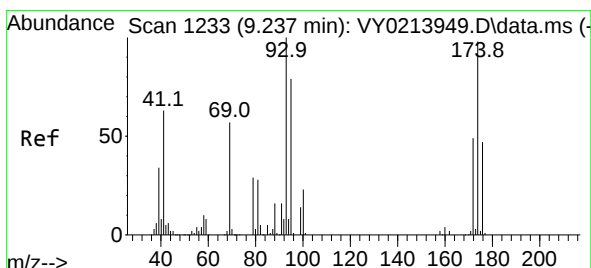
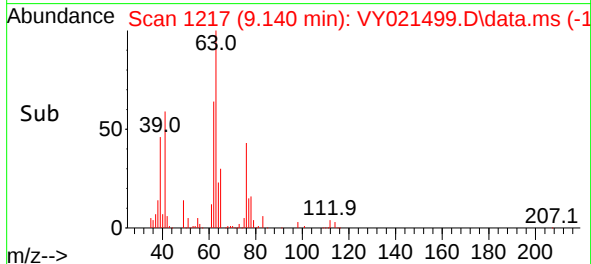
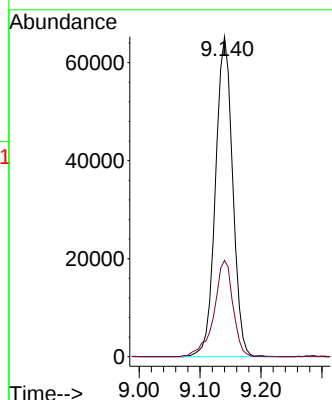
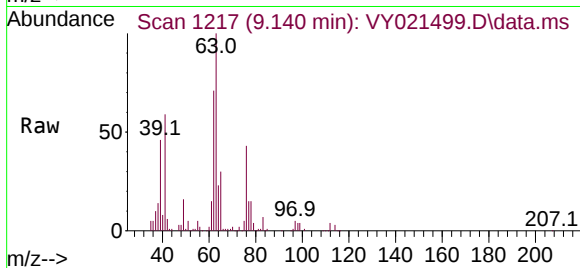
VSTDCCC050EC

Tgt Ion: 63 Resp: 127757

Ion Ratio Lower Upper

63 100

65 30.1 26.0 39.0



#46

Dibromomethane

Concen: 59.101 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

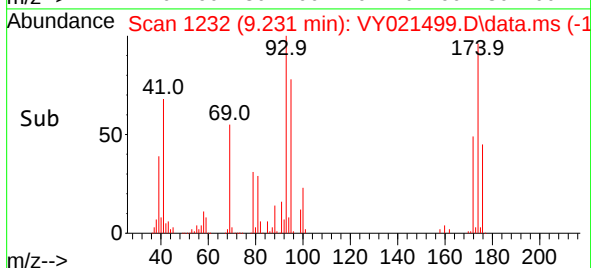
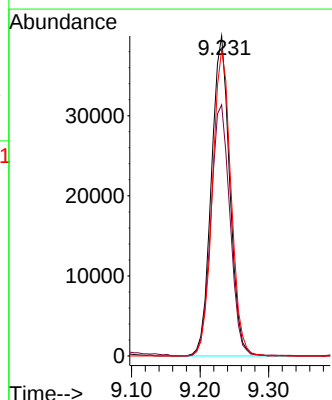
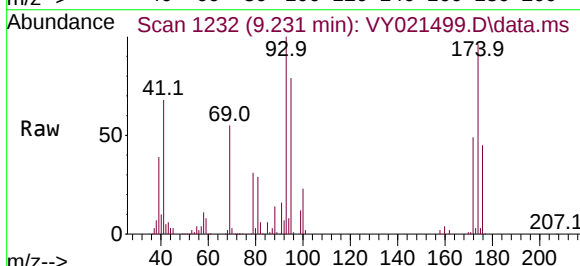
Tgt Ion: 93 Resp: 74404

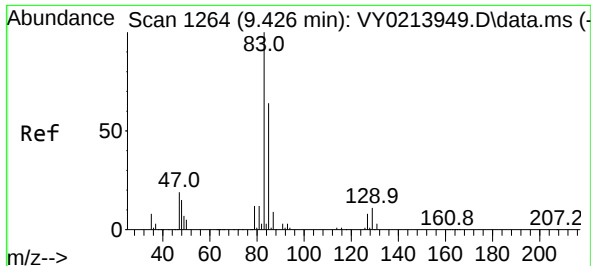
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 96.5 77.9 116.9





#47

Bromodichloromethane

Concen: 57.107 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

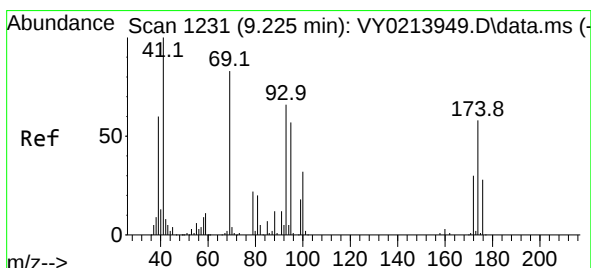
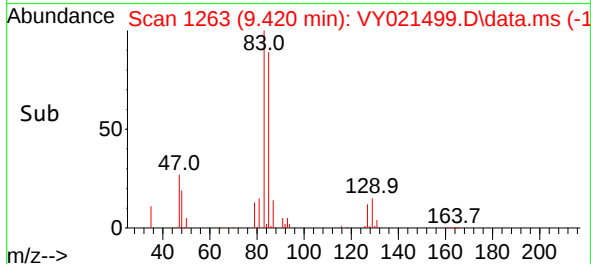
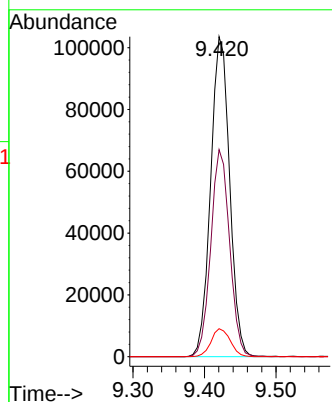
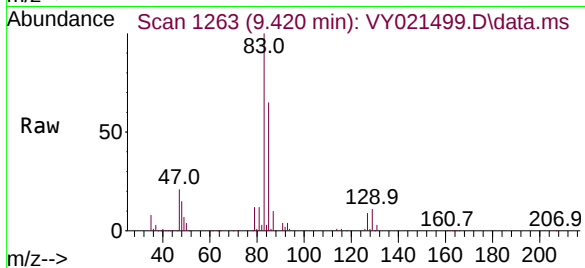
Tgt Ion: 83 Resp: 190927

Ion Ratio Lower Upper

83 100

85 64.7 51.1 76.7

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 61.268 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

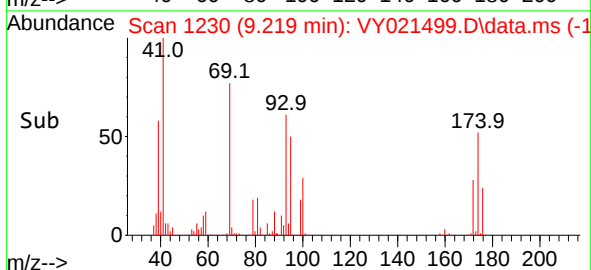
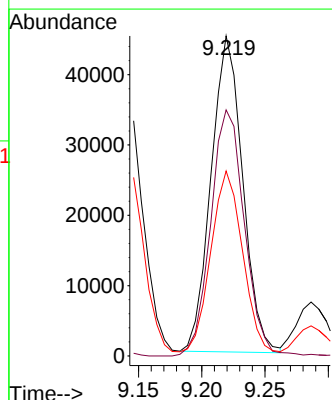
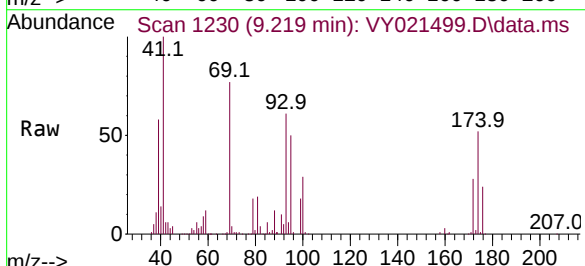
Tgt Ion: 41 Resp: 77903

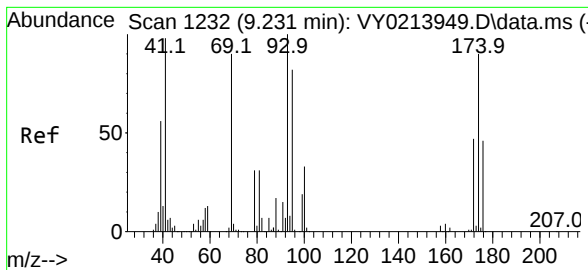
Ion Ratio Lower Upper

41 100

69 83.4 67.8 101.8

39 60.0 46.4 69.6

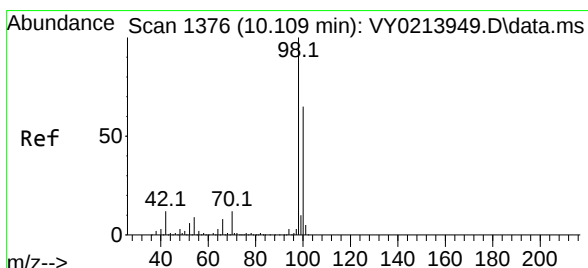
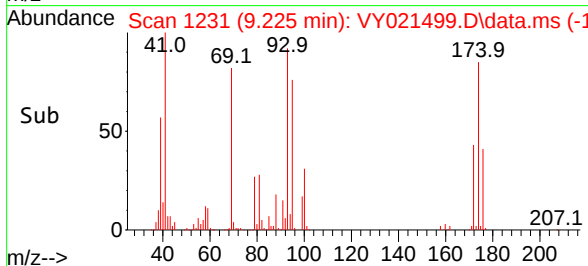
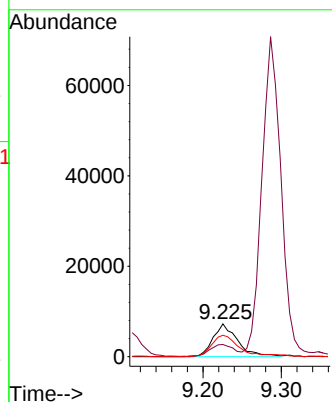
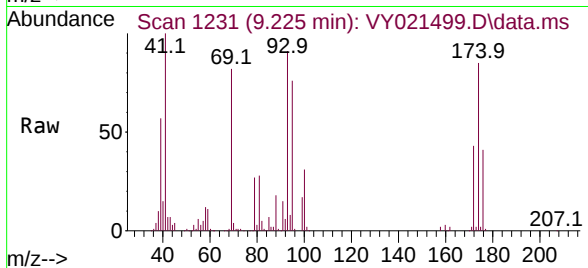




#49
1,4-Dioxane
Concen: 1282.286 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

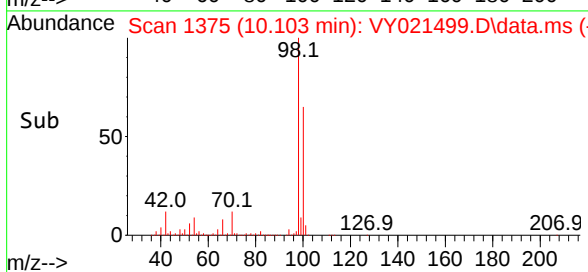
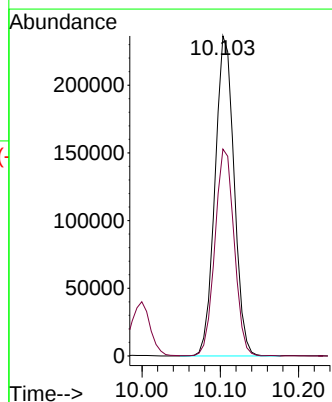
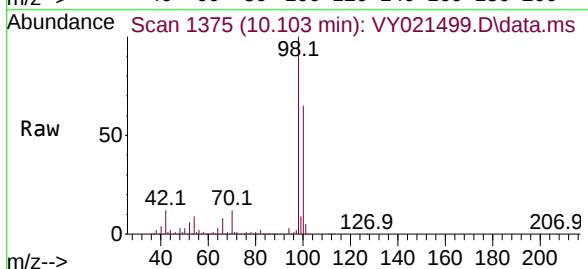
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

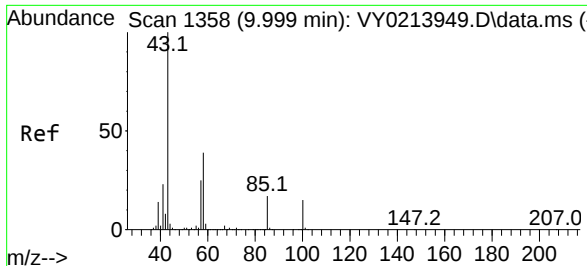
Tgt Ion: 88 Resp: 15845
Ion Ratio Lower Upper
88 100
43 37.5 25.0 37.4#
58 75.2 58.4 87.6



#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 98 Resp: 400359
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

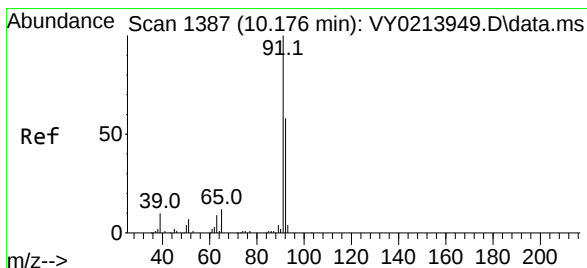
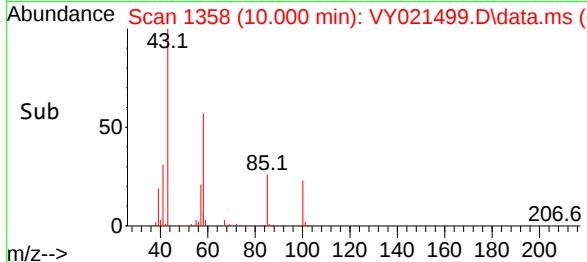
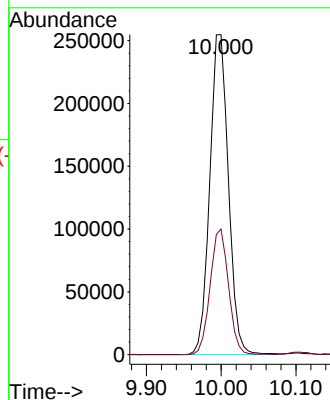
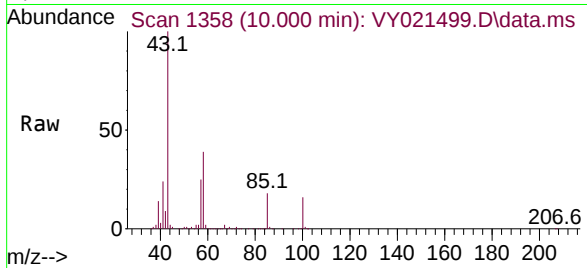




#51
4-Methyl-2-Pentanone
Concen: 308.912 ug/l
RT: 10.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

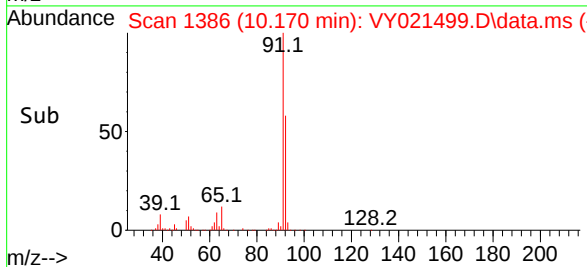
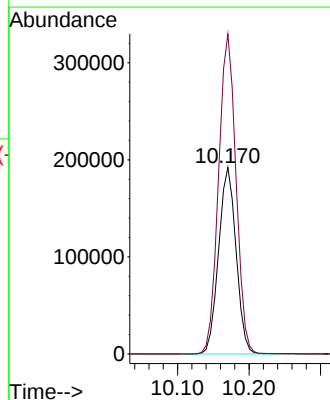
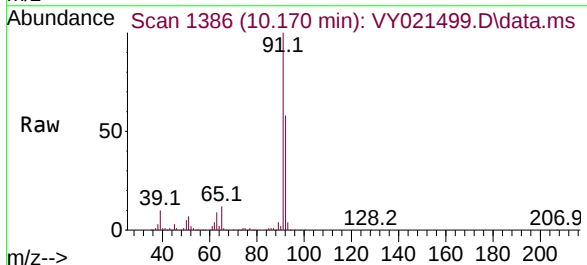
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

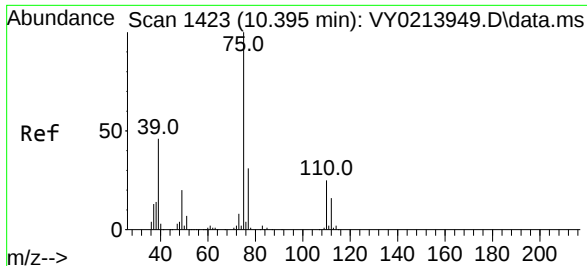
Tgt Ion: 43 Resp: 441345
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 54.298 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 92 Resp: 325440
Ion Ratio Lower Upper
92 100
91 171.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 54.836 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

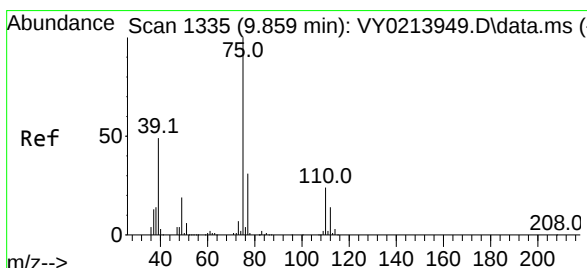
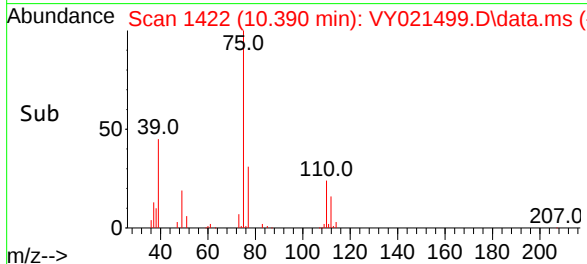
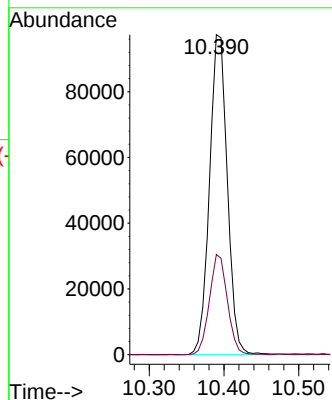
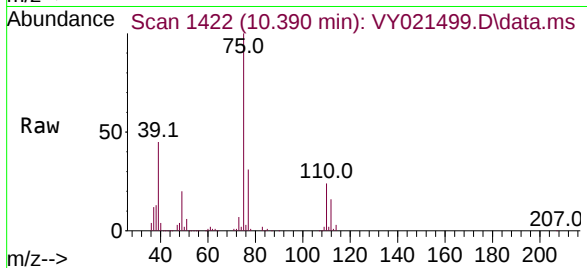
VSTDCCC050EC

Tgt Ion: 75 Resp: 161522

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.179 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

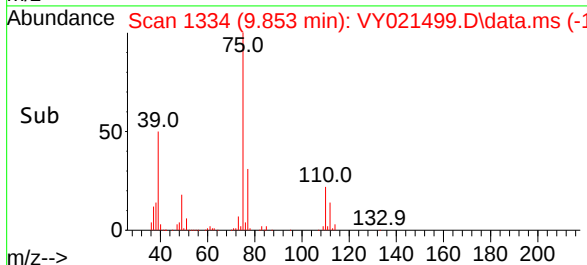
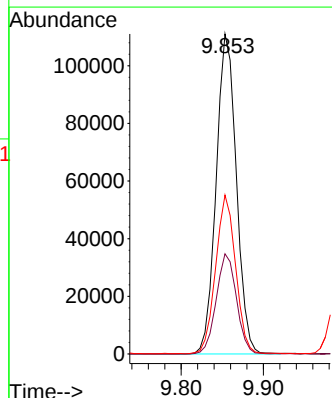
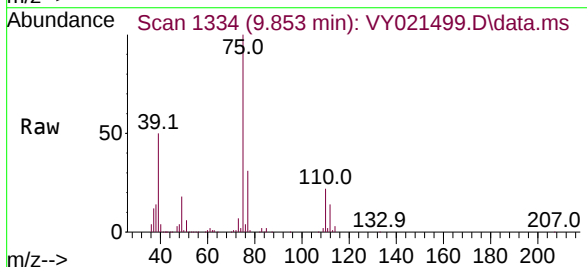
Tgt Ion: 75 Resp: 189471

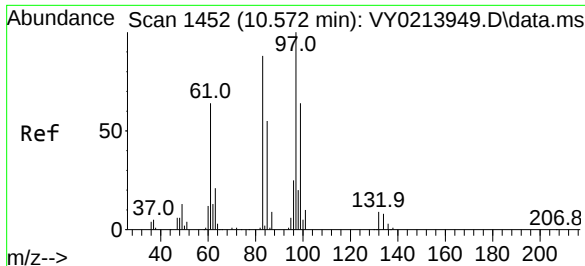
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 49.5 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 58.815 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 96857

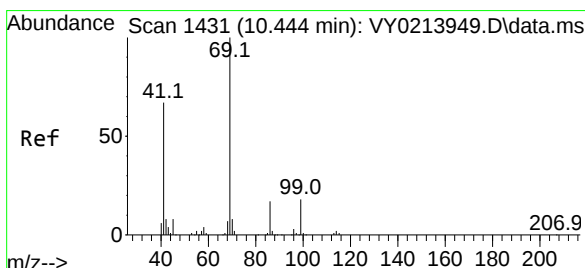
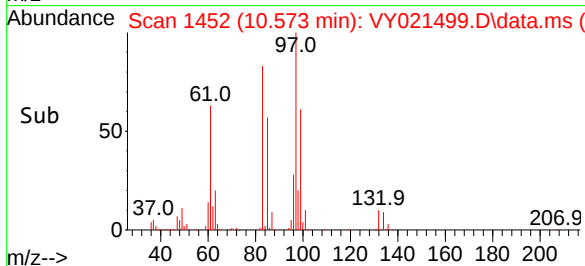
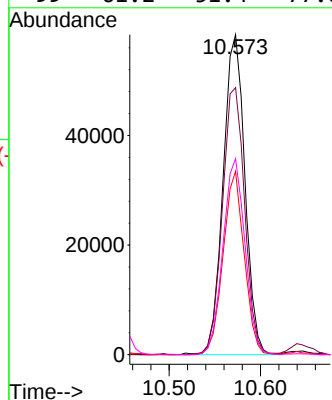
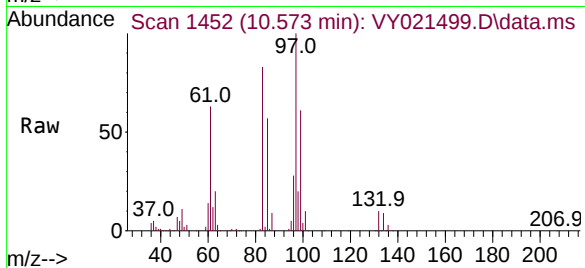
Ion Ratio Lower Upper

97 100

83 83.4 70.0 105.0

85 57.3 44.3 66.5

99 61.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 61.290 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

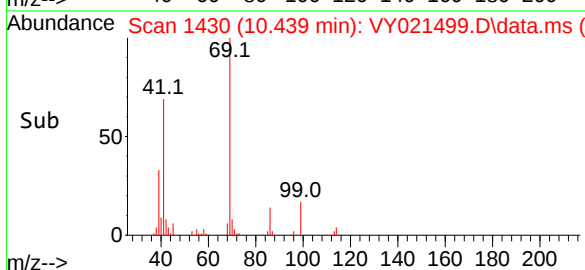
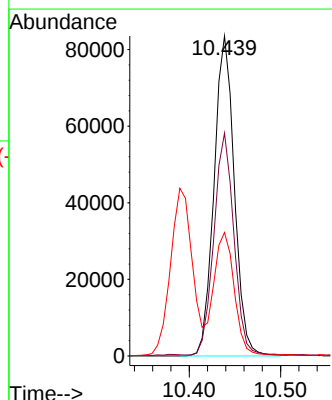
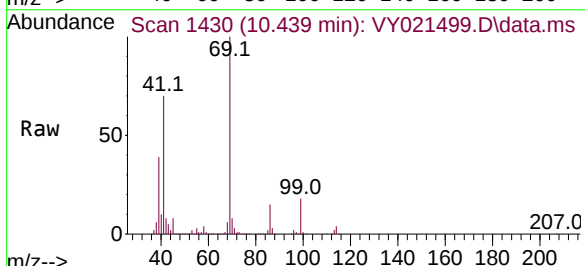
Tgt Ion: 69 Resp: 128726

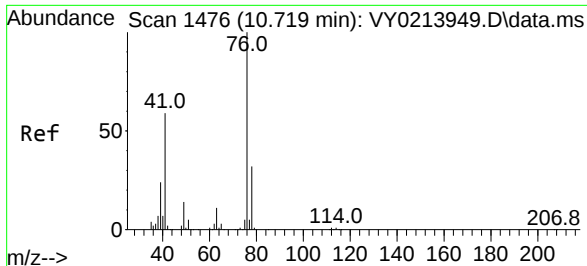
Ion Ratio Lower Upper

69 100

41 68.7 53.3 79.9

39 39.6 31.0 46.6





#57

1,3-Dichloropropane

Concen: 58.544 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

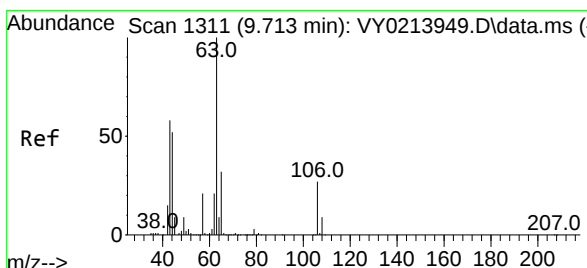
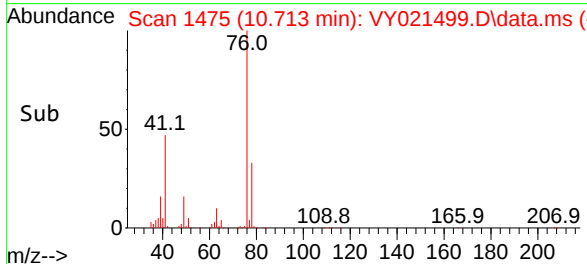
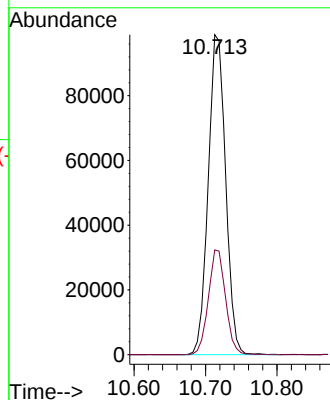
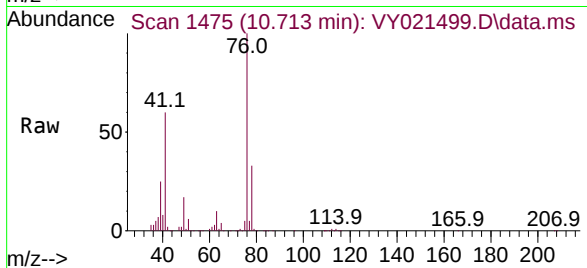
VSTDCCC050EC

Tgt Ion: 76 Resp: 167097

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 297.880 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021499.D

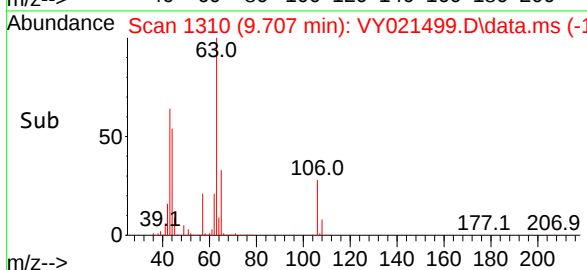
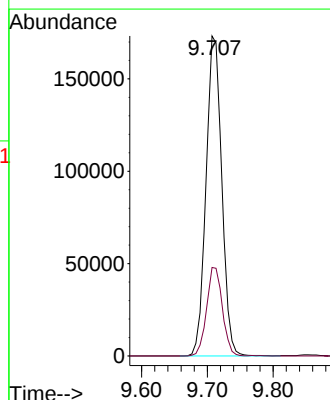
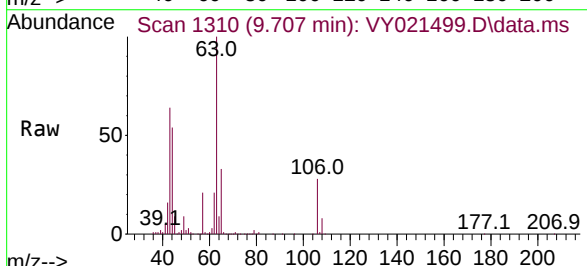
Acq: 11 Mar 2025 20:11

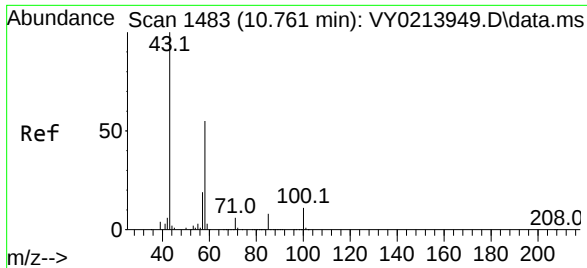
Tgt Ion: 63 Resp: 288805

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

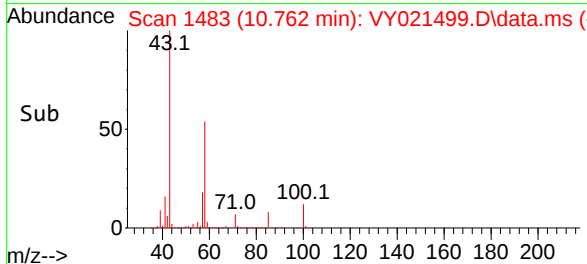
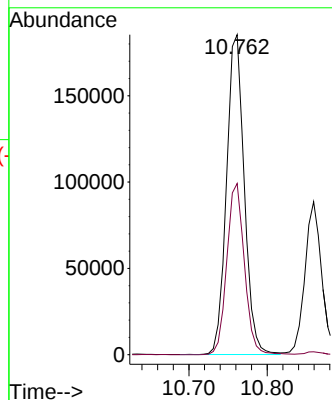
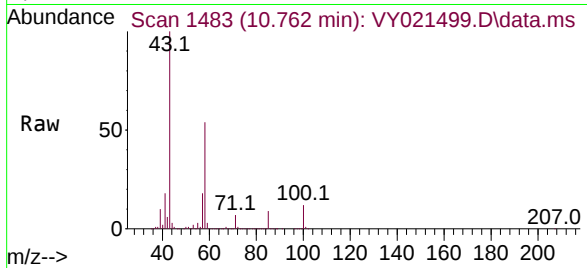




#59
2-Hexanone
Concen: 309.295 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

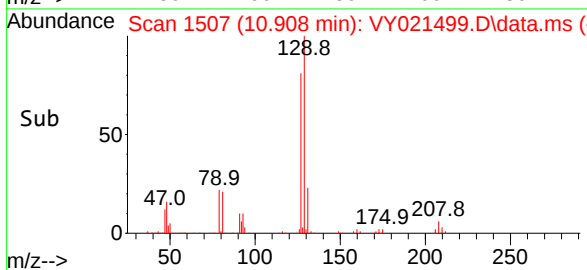
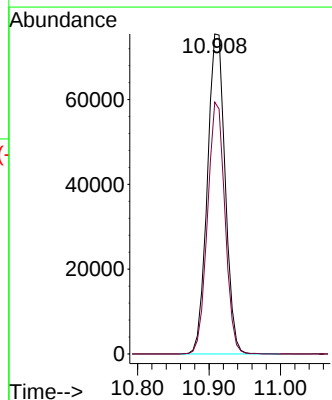
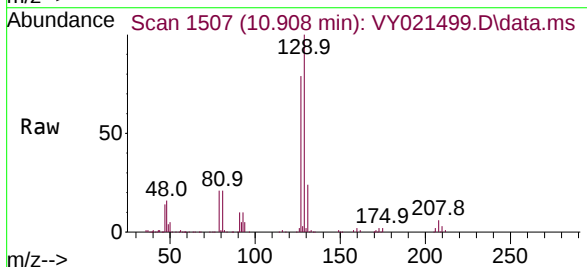
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

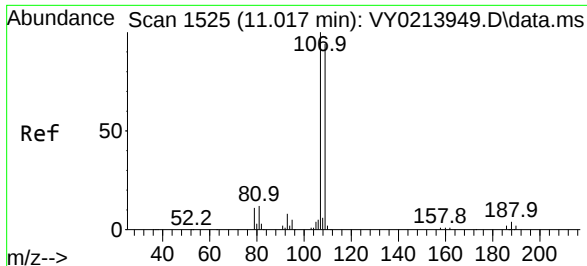
Tgt Ion: 43 Resp: 292190
Ion Ratio Lower Upper
43 100
58 53.0 27.3 81.8



#60
Dibromochloromethane
Concen: 57.692 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 129 Resp: 130250
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

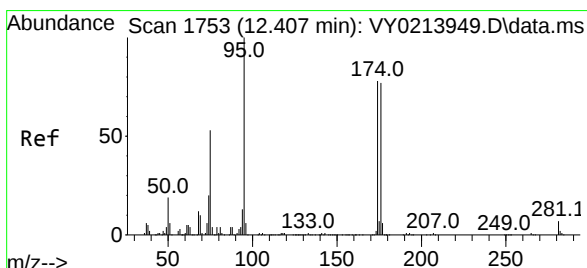
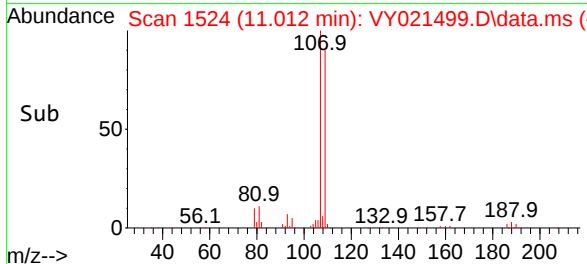
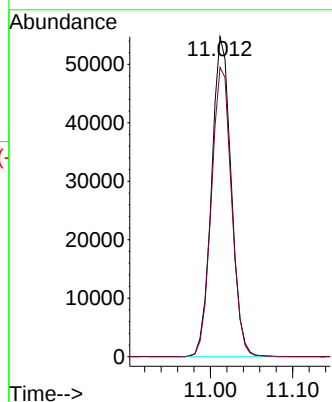
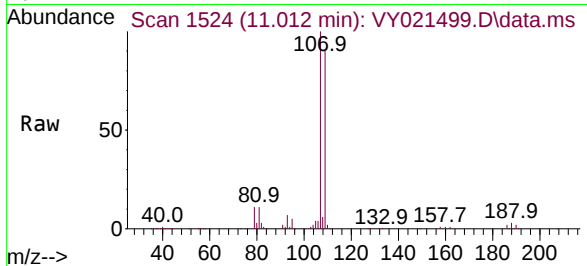




#61
1,2-Dibromoethane
Concen: 58.264 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

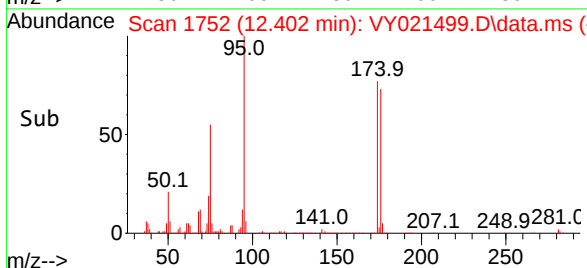
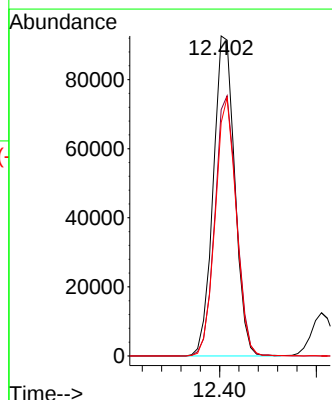
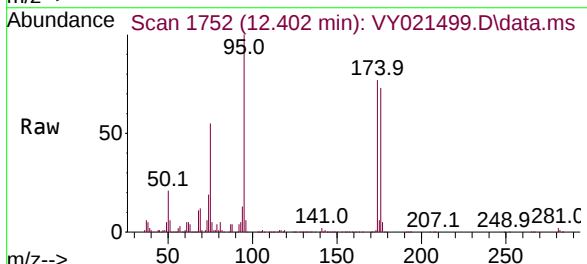
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

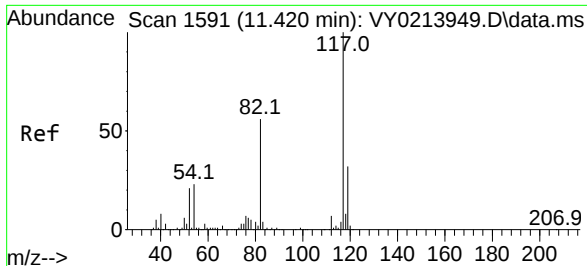
Tgt Ion:107 Resp: 90557
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.825 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 95 Resp: 142925
Ion Ratio Lower Upper
95 100
174 81.5 0.0 165.0
176 79.0 0.0 160.0

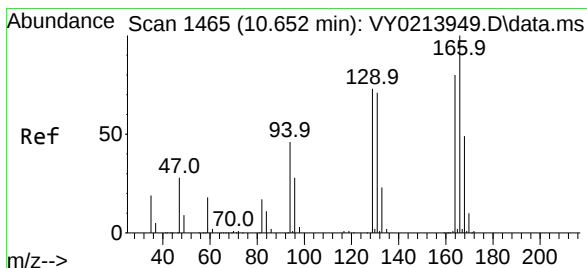
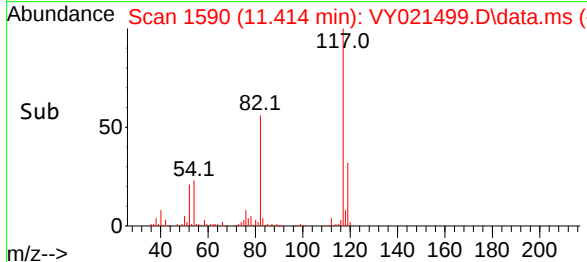
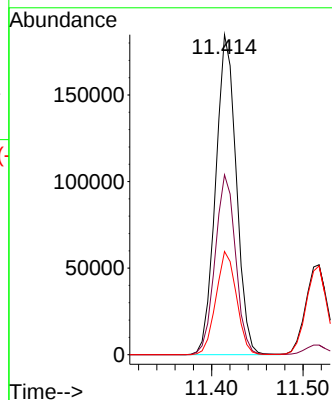
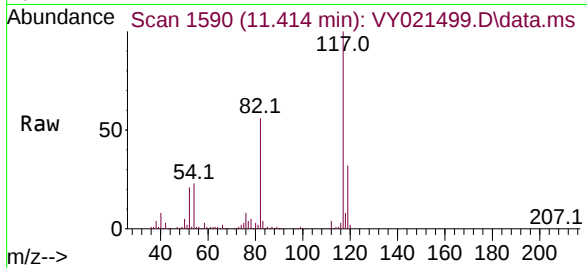




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

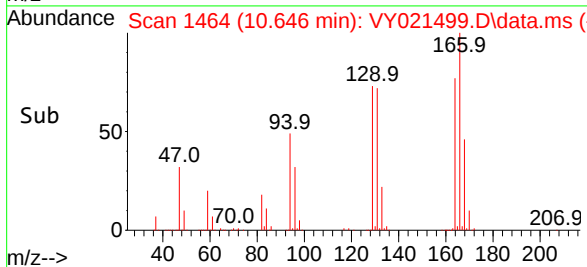
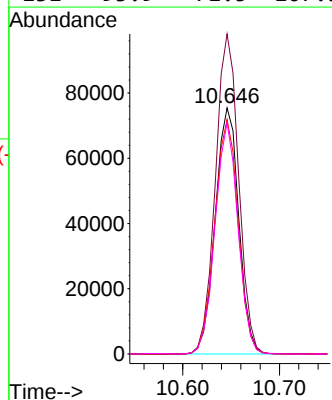
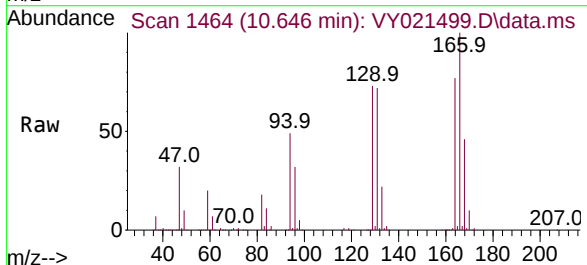
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

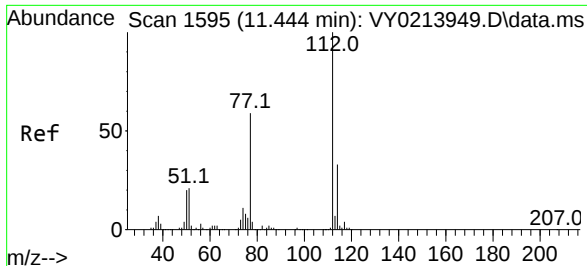
Tgt Ion:117 Resp: 289868
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 53.901 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:164 Resp: 127051
Ion Ratio Lower Upper
164 100
166 130.0 100.4 150.6
129 95.2 73.8 110.8
131 93.9 71.5 107.3

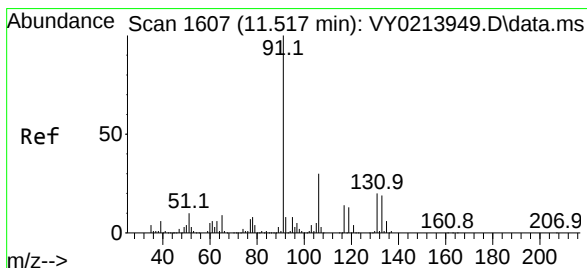
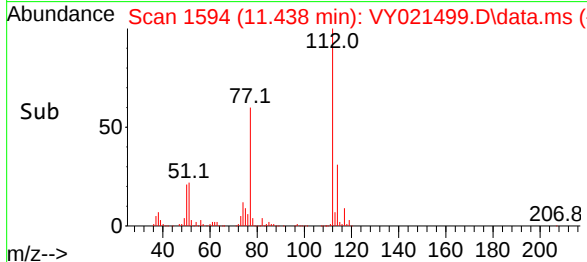
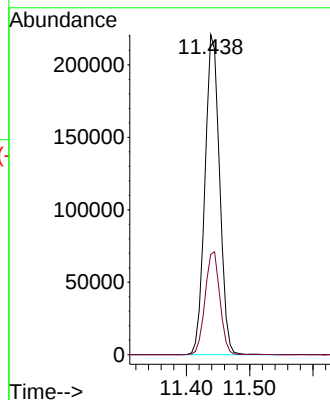
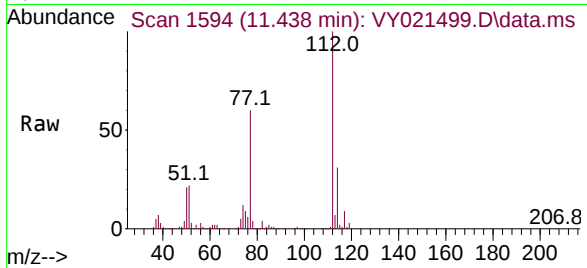




#65
Chlorobenzene
Concen: 51.972 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

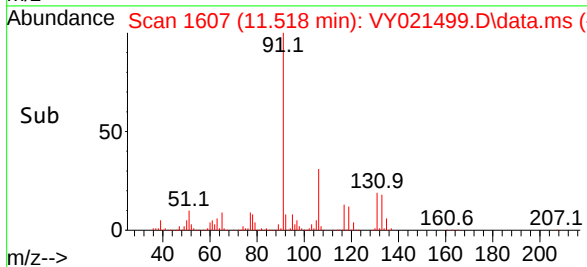
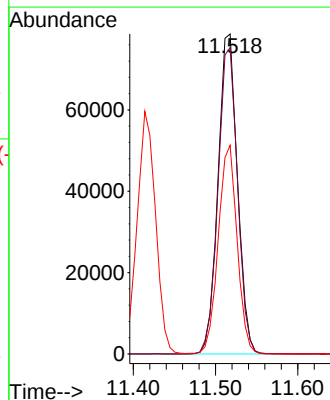
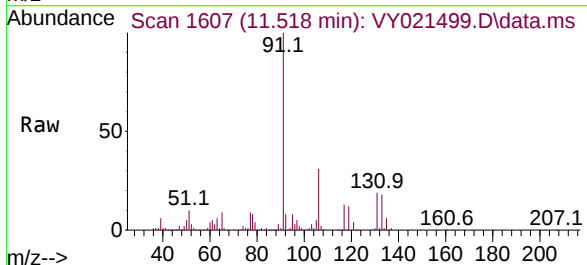
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

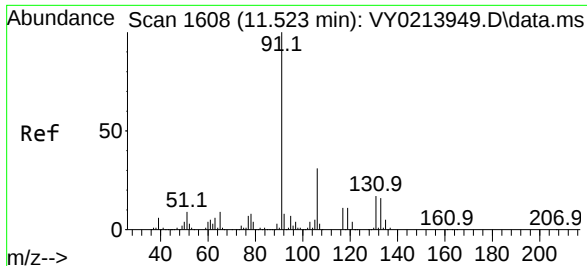
Tgt Ion:112 Resp: 355752
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.352 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:131 Resp: 129115
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 63.5 32.3 96.9





#67

Ethyl Benzene

Concen: 51.912 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

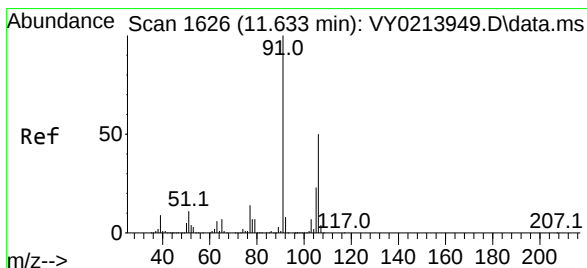
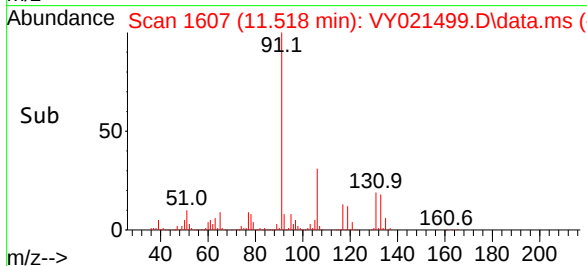
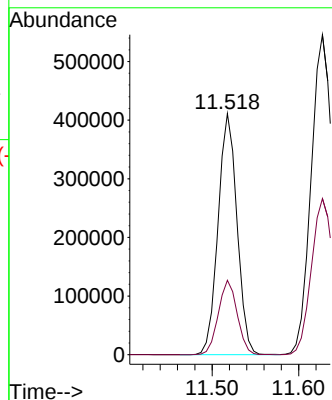
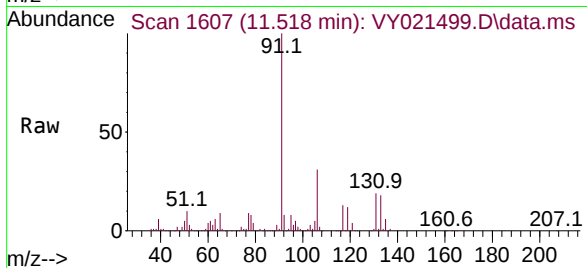
VSTDCCC050EC

Tgt Ion: 91 Resp: 623698

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 104.154 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021499.D

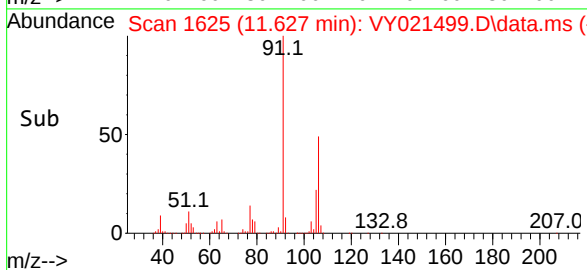
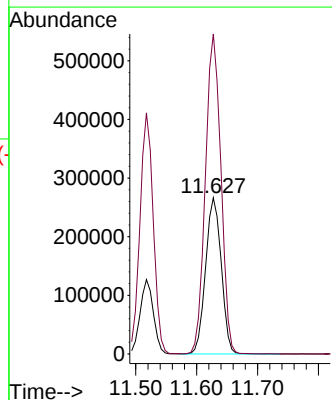
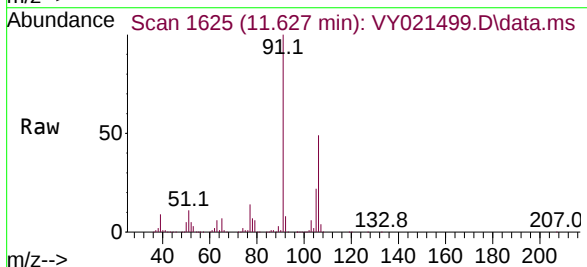
Acq: 11 Mar 2025 20:11

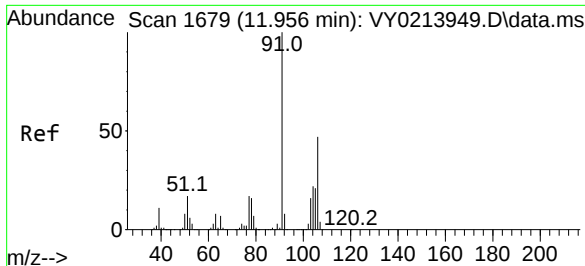
Tgt Ion: 106 Resp: 475079

Ion Ratio Lower Upper

106 100

91 203.5 161.7 242.5

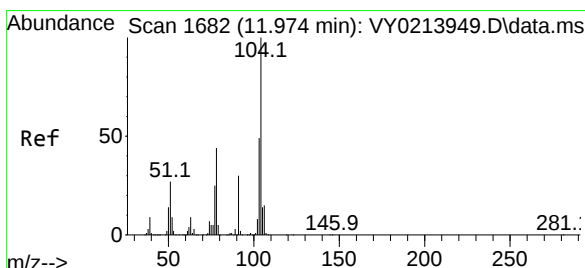
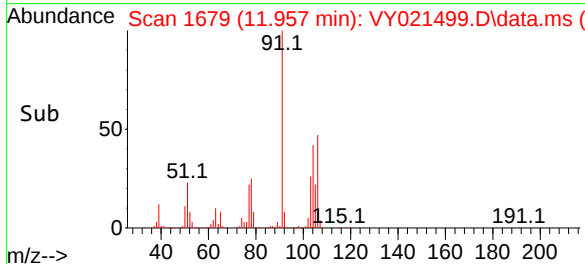
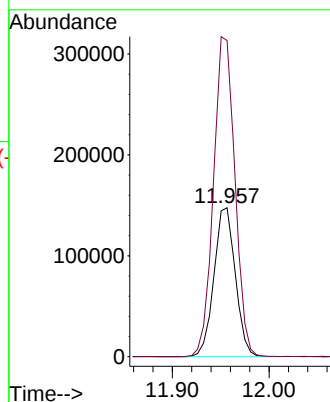
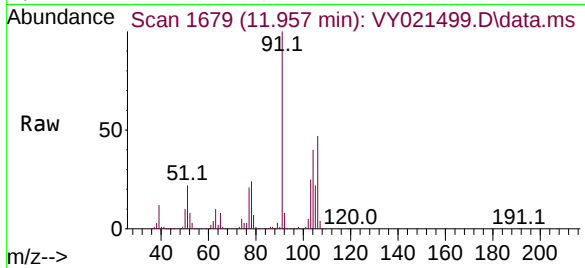




#69
o-Xylene
Concen: 53.889 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

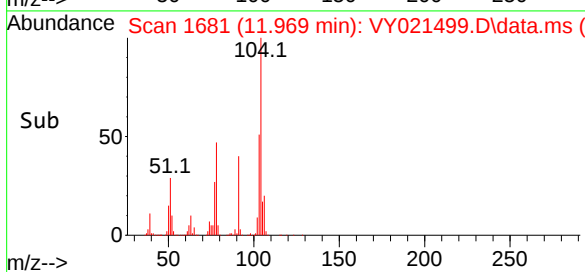
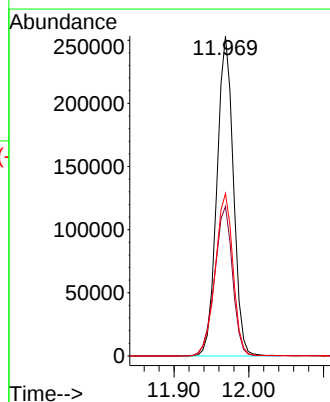
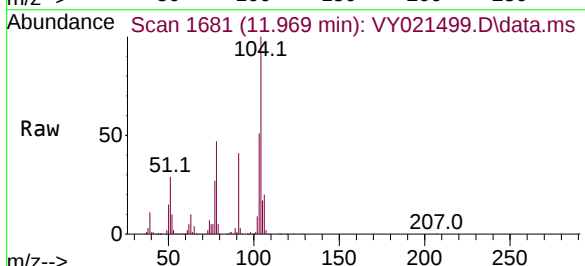
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

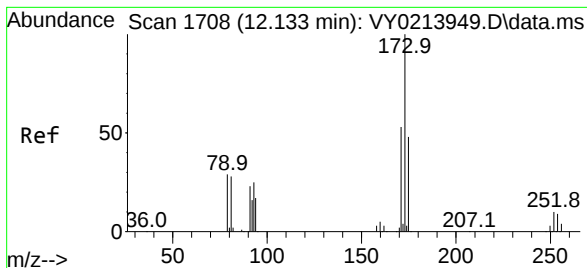
Tgt Ion:106 Resp: 226543
Ion Ratio Lower Upper
106 100
91 216.1 107.6 322.8



#70
Styrene
Concen: 55.741 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:104 Resp: 388743
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 54.8 44.1 66.1





#71

Bromoform

Concen: 56.365 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

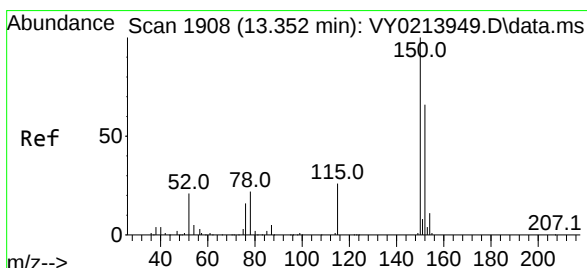
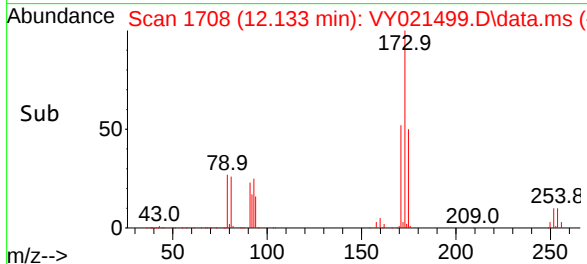
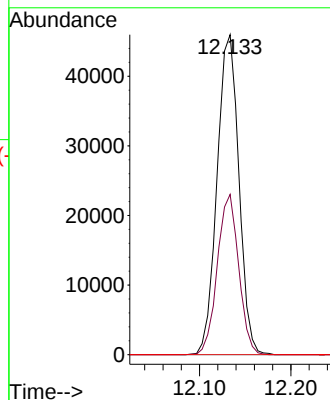
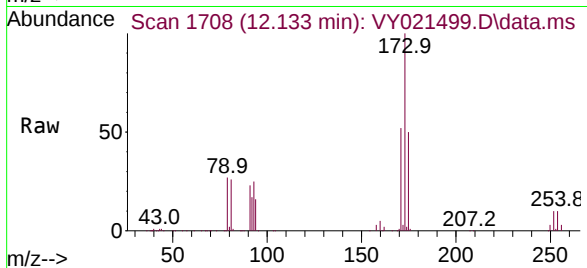
Tgt Ion:173 Resp: 76254

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

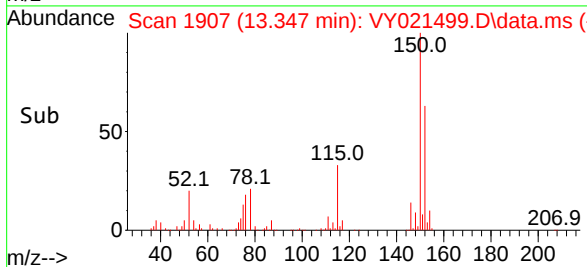
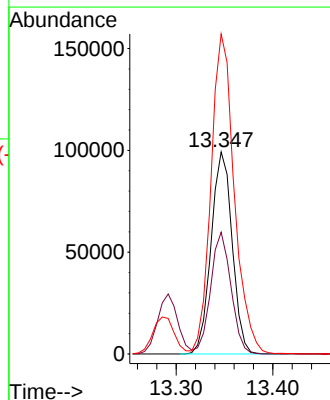
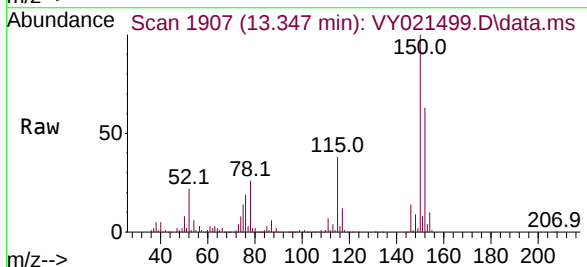
Tgt Ion:152 Resp: 150175

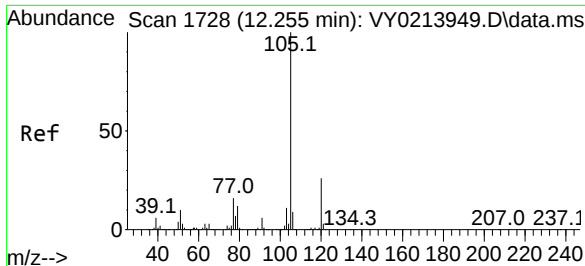
Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

150 174.9 0.0 347.2

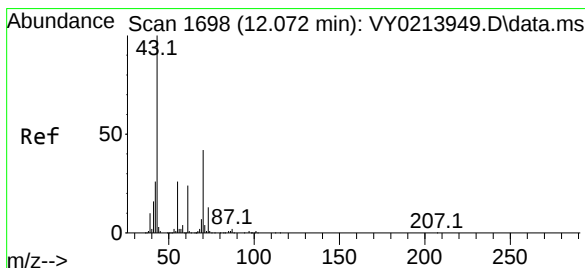
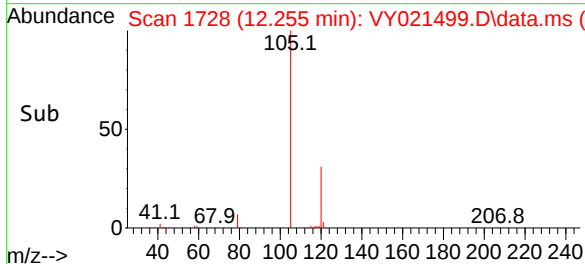
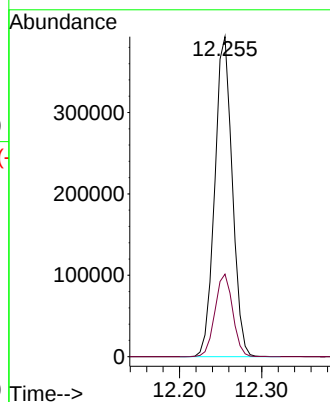
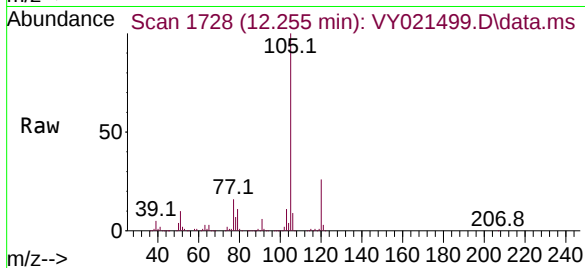




#73
Isopropylbenzene
Concen: 49.261 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

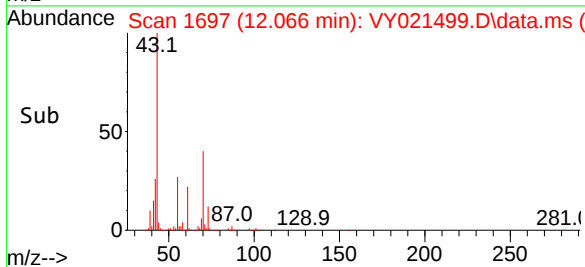
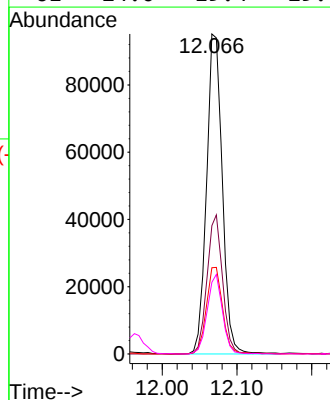
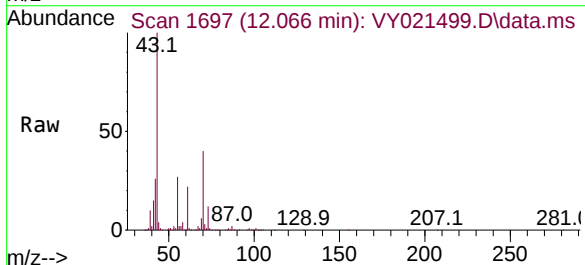
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

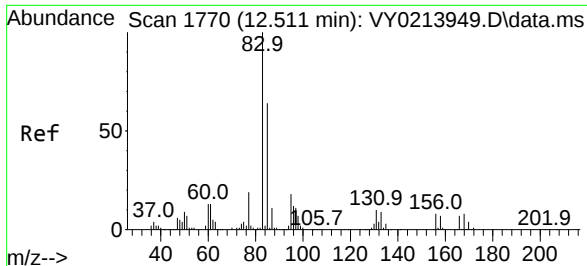
Tgt Ion:105 Resp: 582740
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 54.335 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 43 Resp: 139593
Ion Ratio Lower Upper
43 100
70 42.8 34.6 51.8
55 27.6 21.1 31.7
61 24.0 19.4 29.0

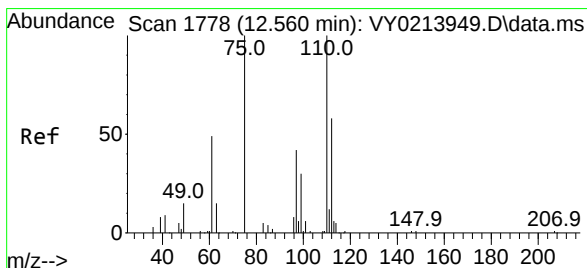
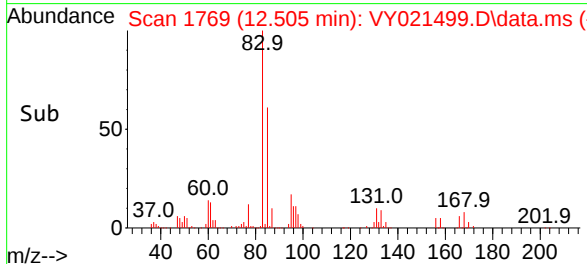
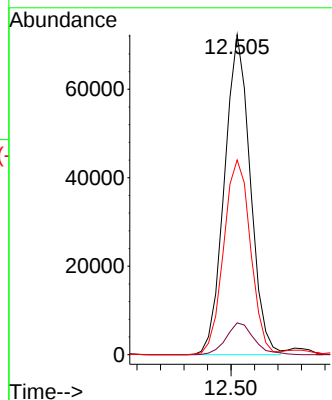
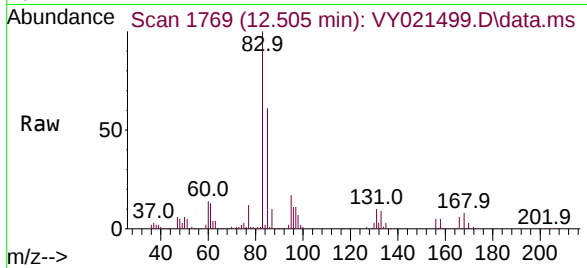




#75
1,1,2,2-Tetrachloroethane
Concen: 52.927 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

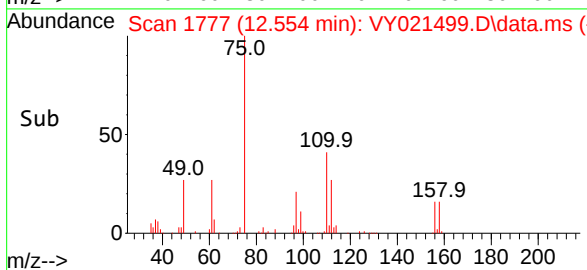
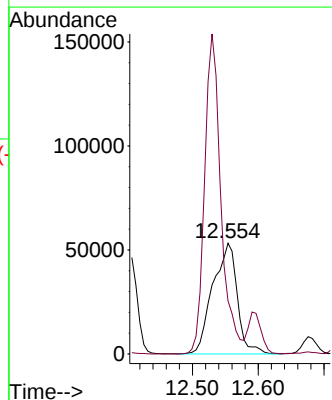
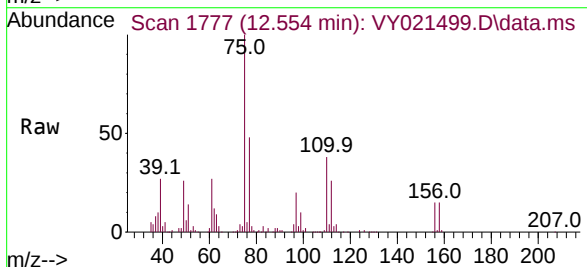
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

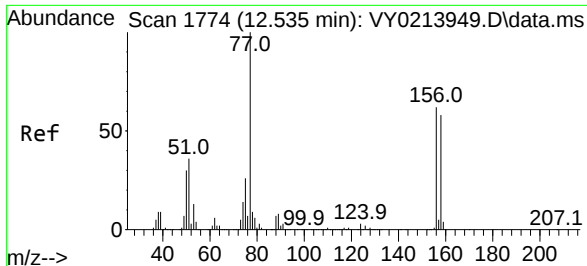
Tgt Ion: 83 Resp: 110486
Ion Ratio Lower Upper
83 100
131 10.7 5.3 16.1
85 63.4 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 91.302 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 75 Resp: 138167
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

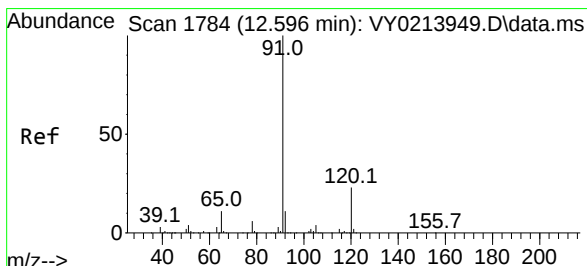
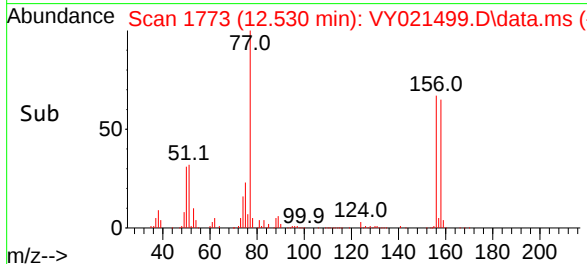
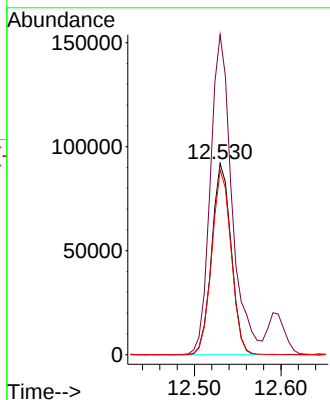
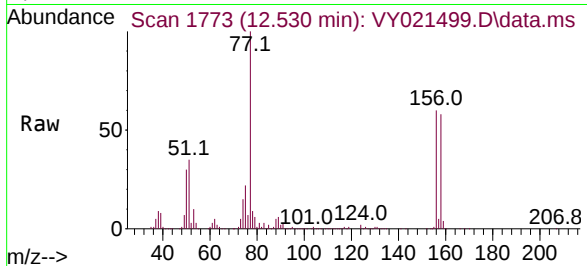




#77
Bromobenzene
Concen: 51.682 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

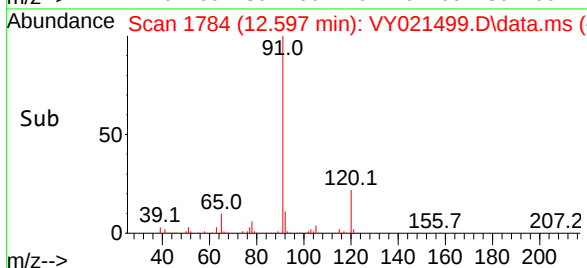
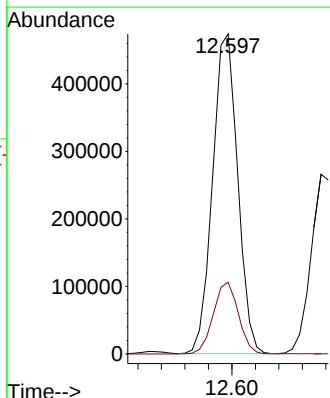
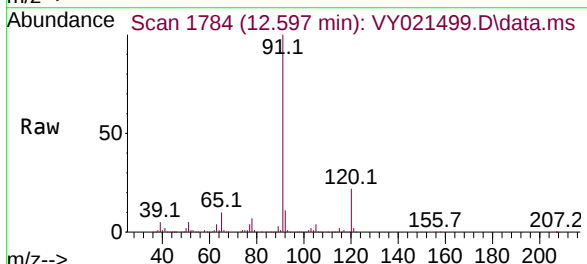
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

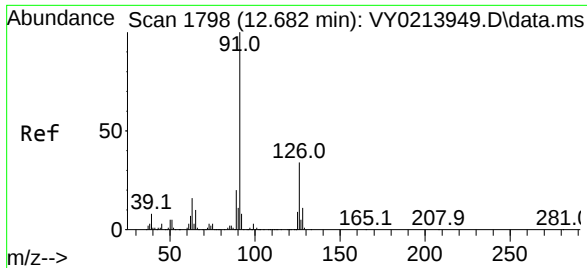
Tgt Ion:156 Resp: 143032
Ion Ratio Lower Upper
156 100
77 186.9 93.6 280.8
158 96.4 48.3 144.8



#78
n-propylbenzene
Concen: 48.859 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 91 Resp: 701944
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8

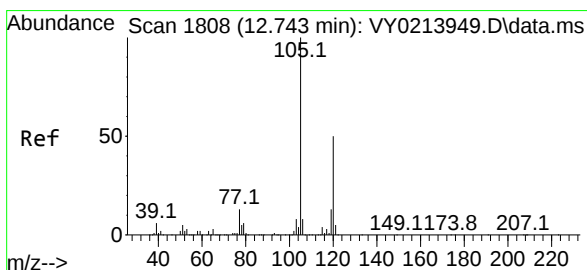
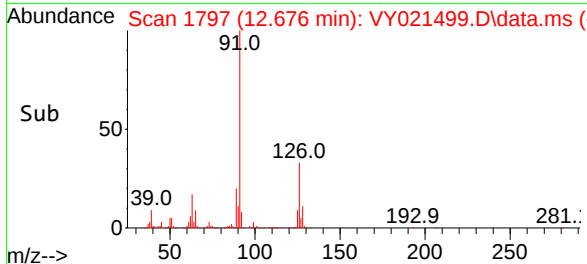
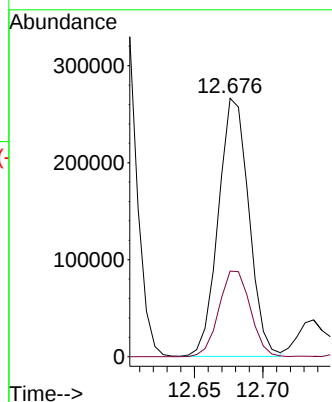
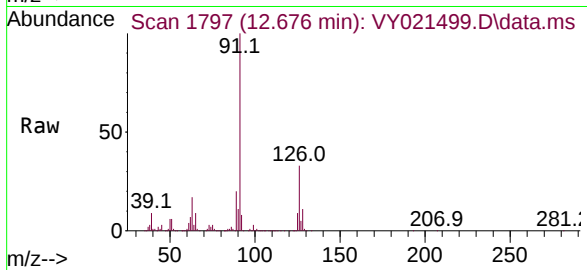




#79
2-Chlorotoluene
Concen: 50.248 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

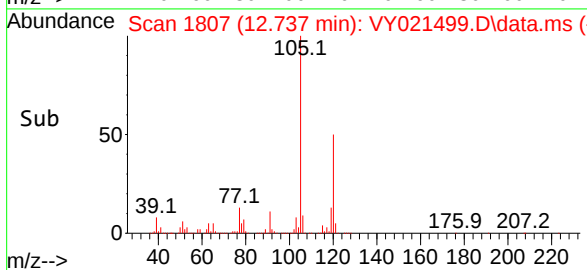
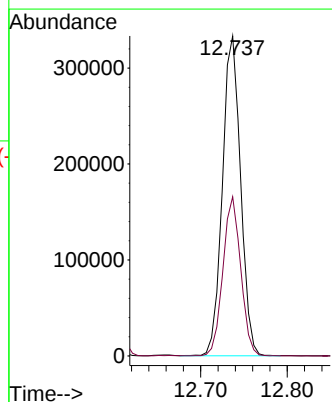
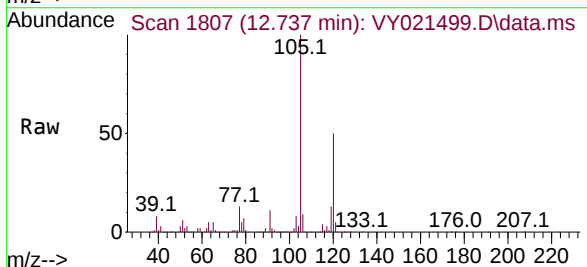
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

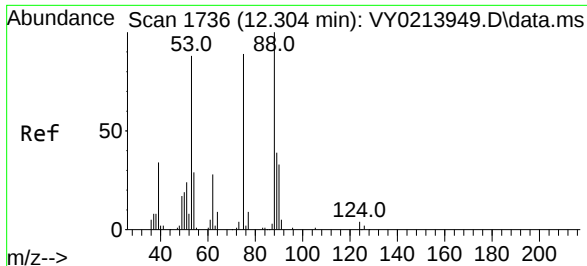
Tgt Ion: 91 Resp: 412779
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 50.450 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 105 Resp: 485000
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6

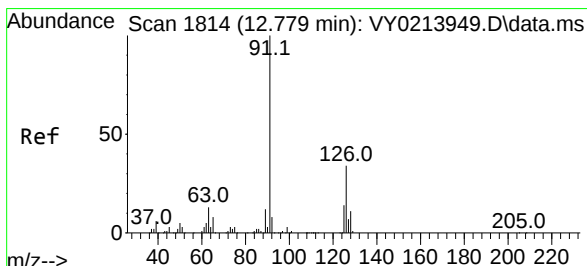
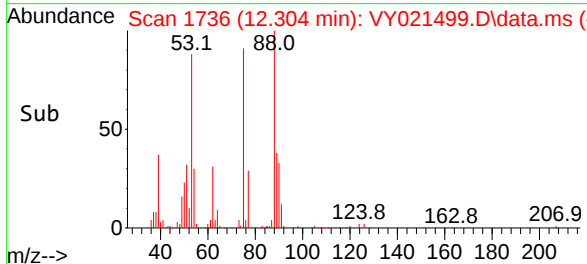
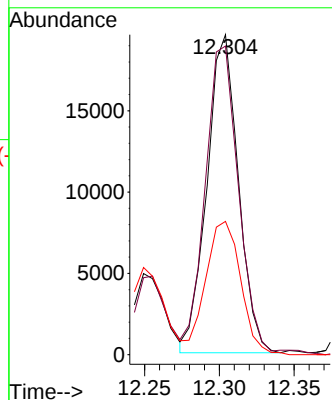
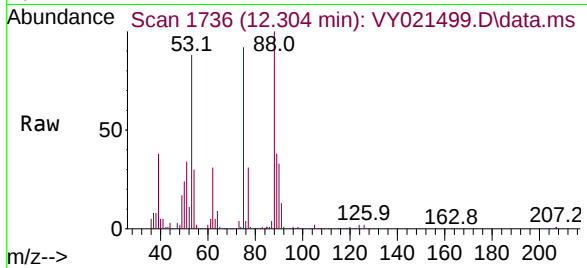




#81
trans-1,4-Dichloro-2-butene
Concen: 42.883 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

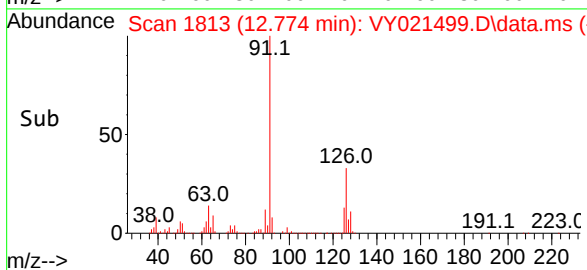
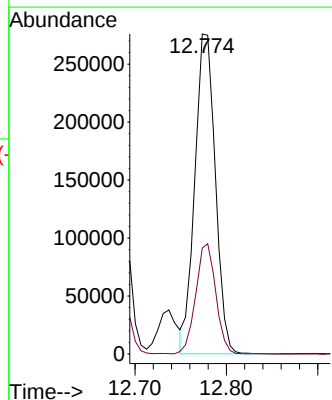
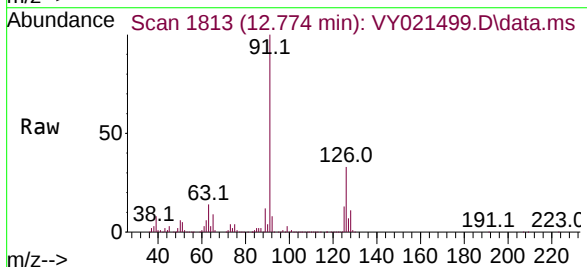
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

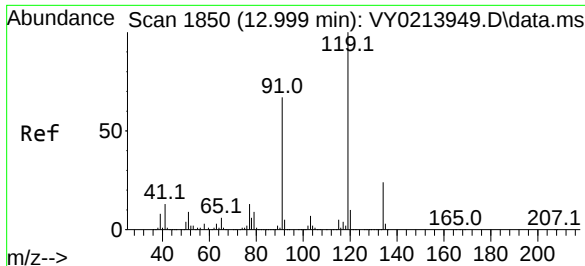
Tgt Ion: 75 Resp: 28546
Ion Ratio Lower Upper
75 100
53 104.1 81.0 121.4
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.655 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion: 91 Resp: 430906
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0

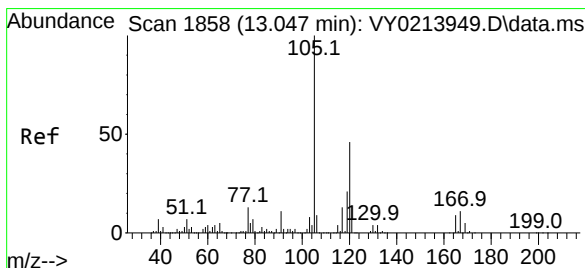
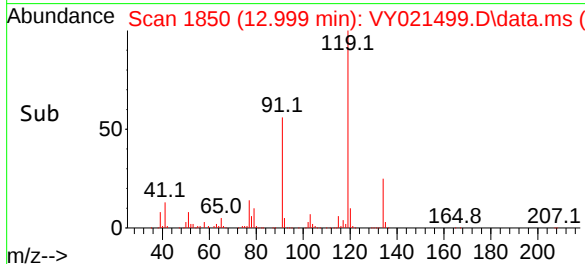
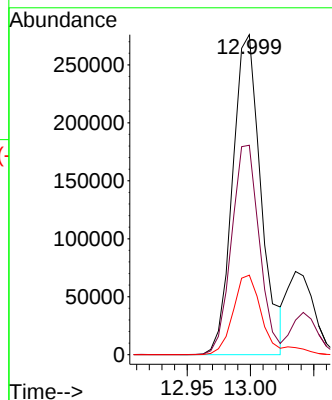
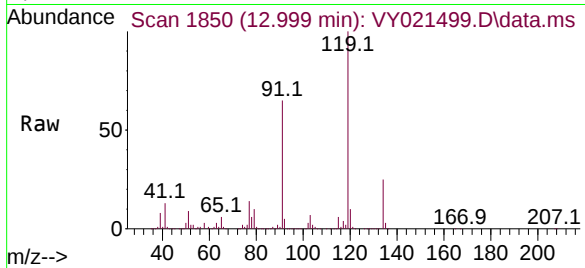




#83
 tert-Butylbenzene
 Concen: 50.256 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

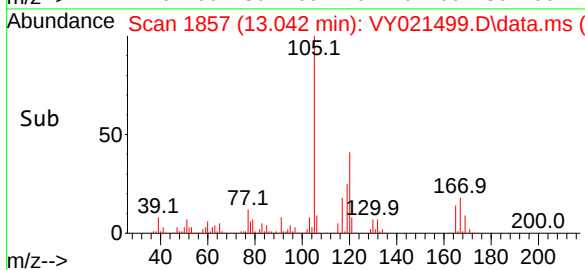
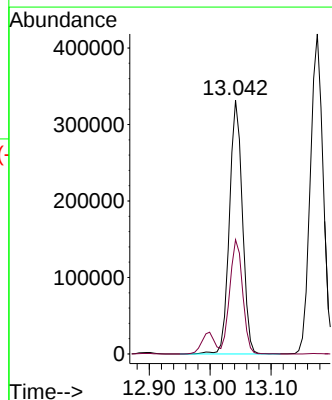
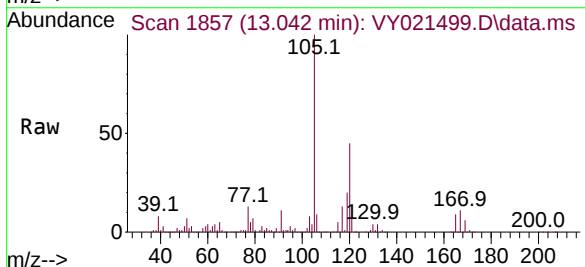
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

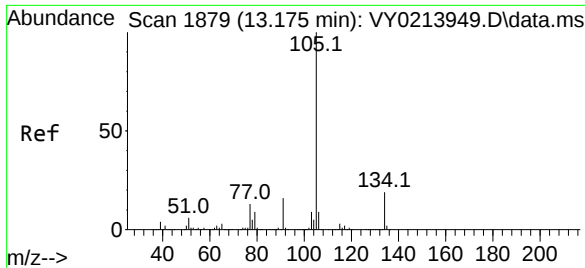
Tgt Ion:119 Resp: 431007
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.192 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion:105 Resp: 488627
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1

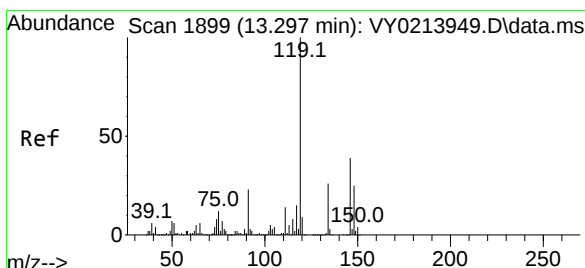
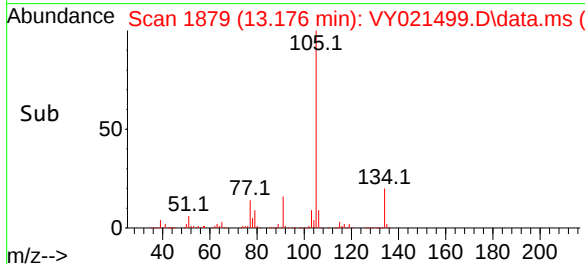
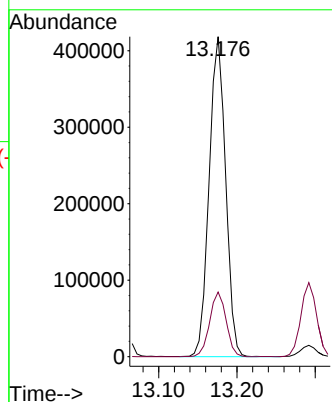
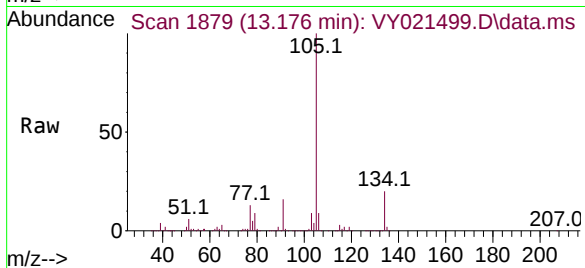




#85
 sec-Butylbenzene
 Concen: 47.846 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

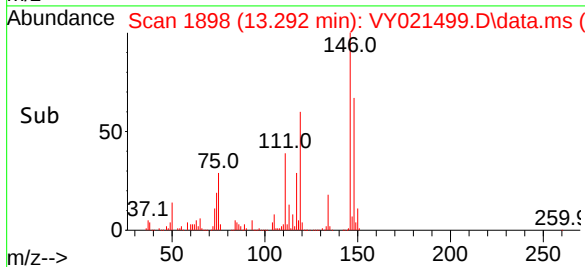
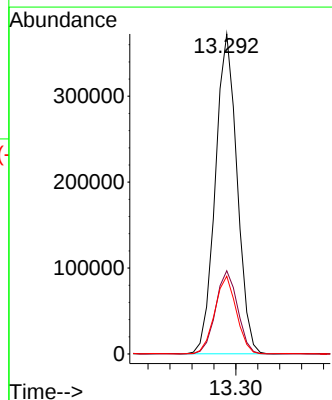
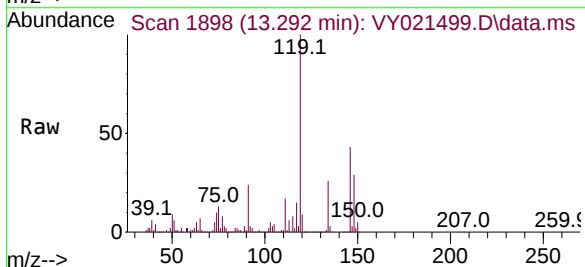
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

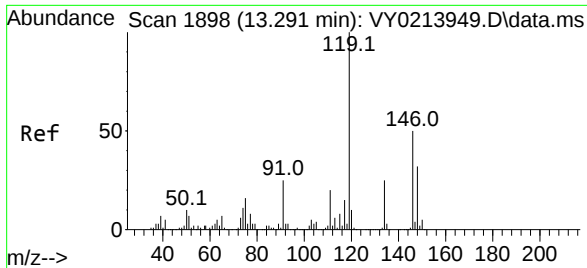
Tgt Ion:105 Resp: 610525
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 48.731 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion:119 Resp: 512282
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 24.2 12.2 36.6

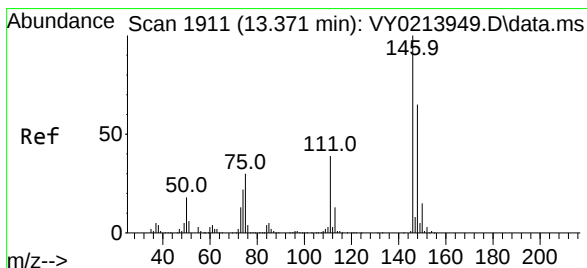
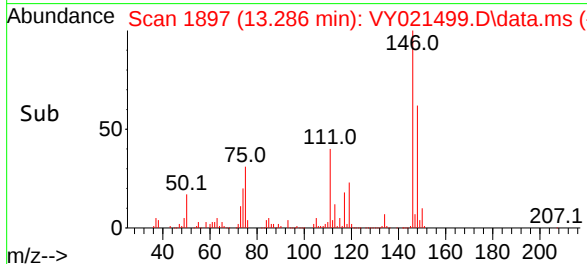
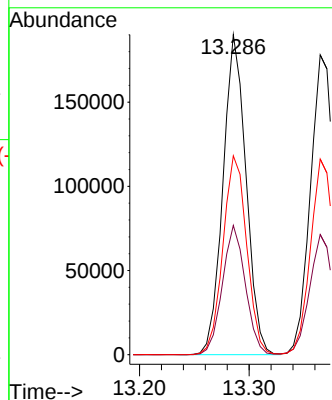
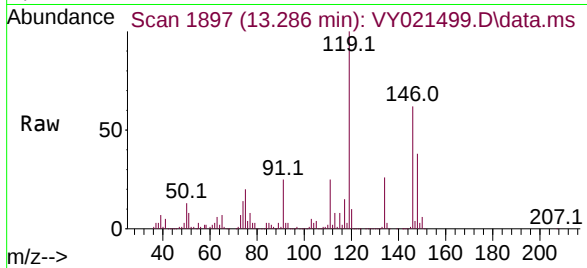




#87
 1,3-Dichlorobenzene
 Concen: 50.462 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

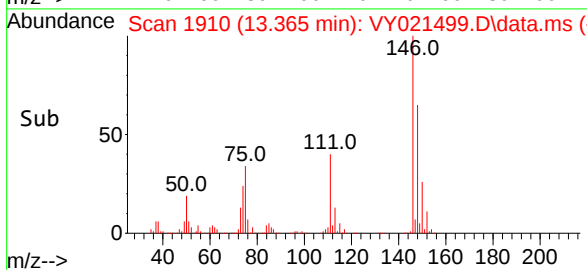
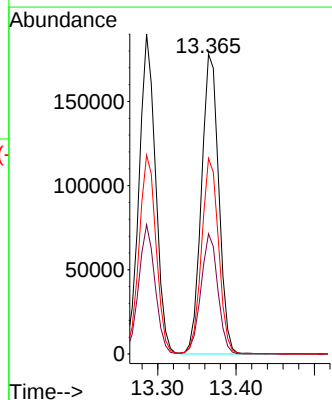
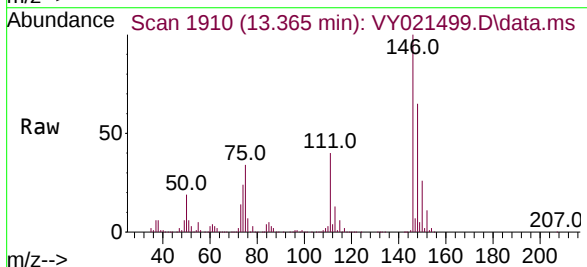
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

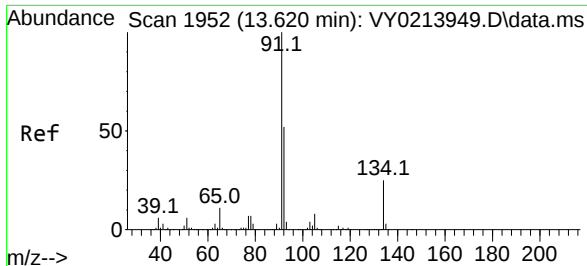
Tgt Ion:146 Resp: 277991
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.710 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion:146 Resp: 273208
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.0 32.3 96.8





#89

n-Butylbenzene

Concen: 48.218 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021499.D

Acq: 11 Mar 2025 20:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

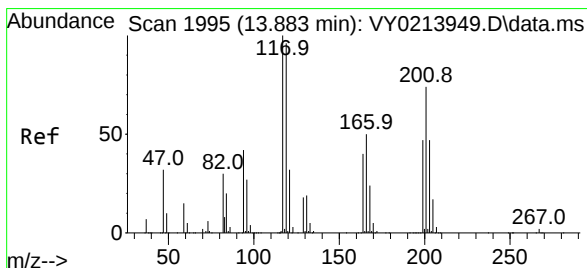
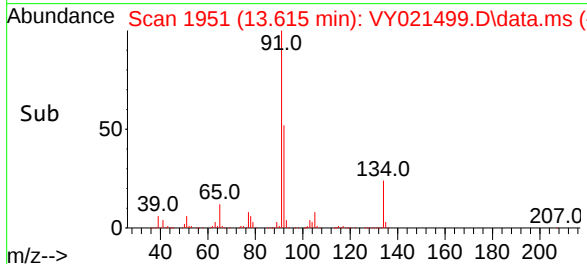
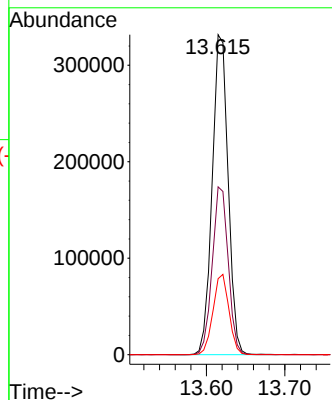
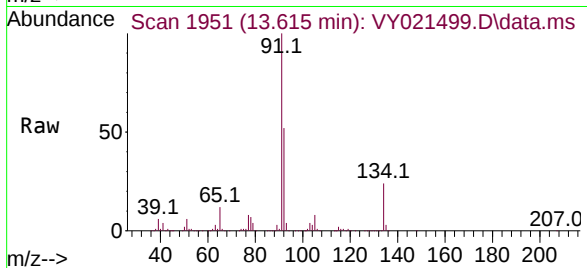
Tgt Ion: 91 Resp: 468058

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 48.300 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021499.D

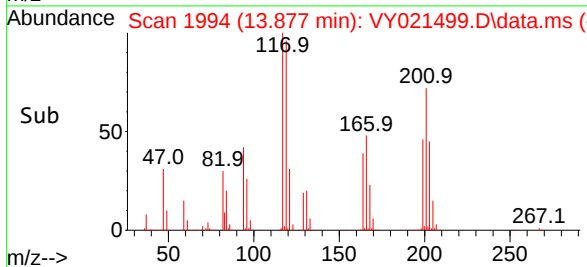
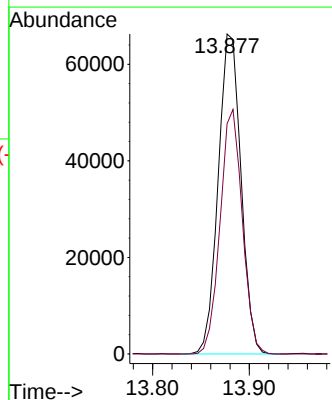
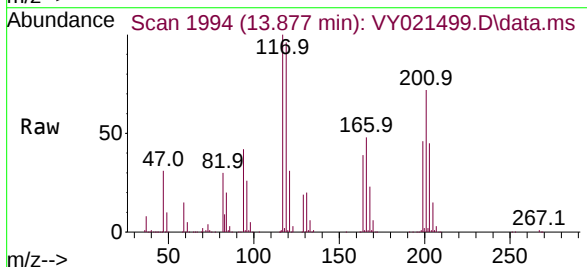
Acq: 11 Mar 2025 20:11

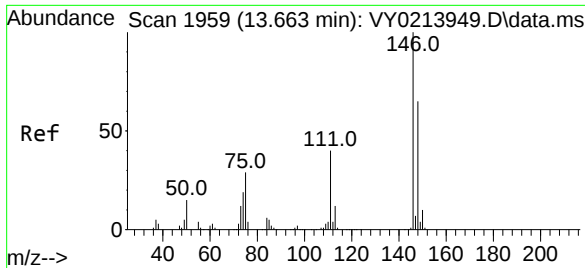
Tgt Ion: 117 Resp: 108319

Ion Ratio Lower Upper

117 100

201 74.4 37.4 112.2

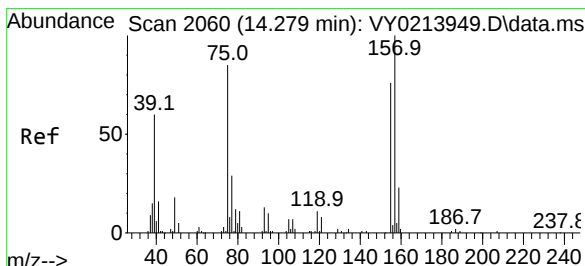
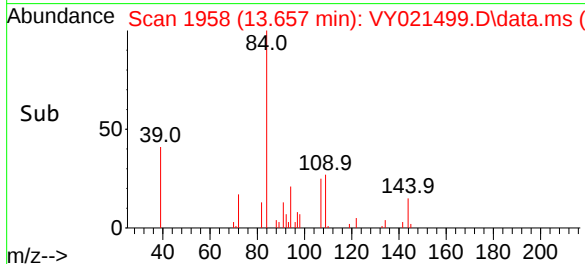
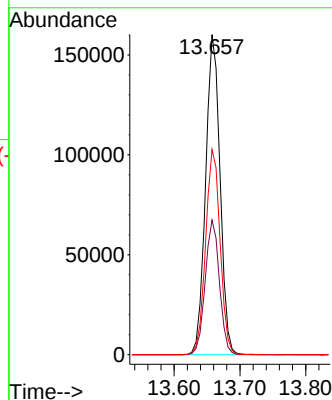
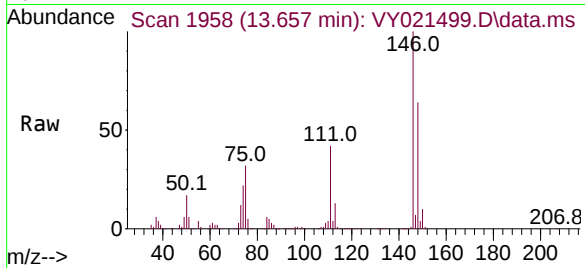




#91
 1,2-Dichlorobenzene
 Concen: 51.760 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

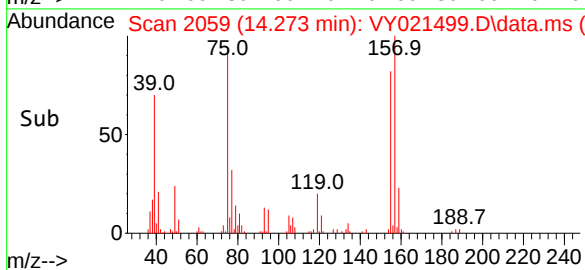
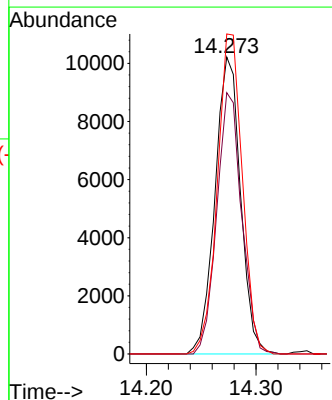
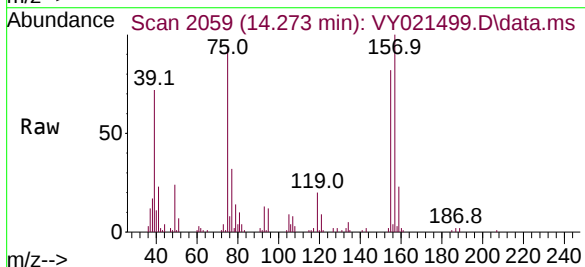
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

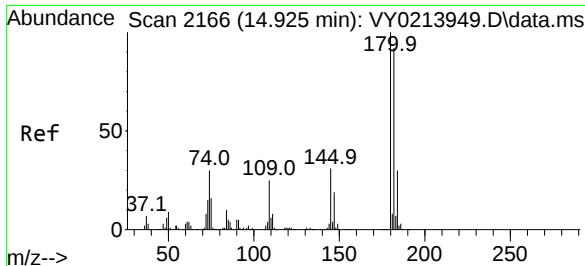
Tgt Ion:146 Resp: 244394
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.858 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021499.D
 Acq: 11 Mar 2025 20:11

Tgt Ion: 75 Resp: 16529
 Ion Ratio Lower Upper
 75 100
 155 85.9 43.5 130.5
 157 105.3 54.4 163.2

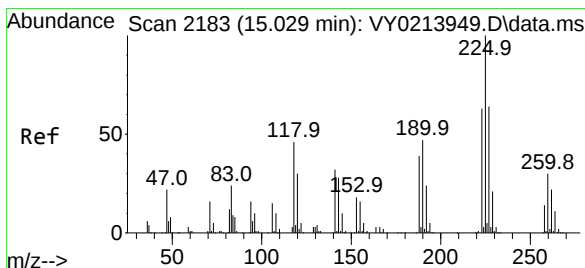
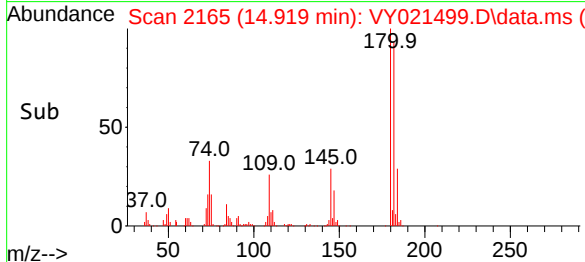
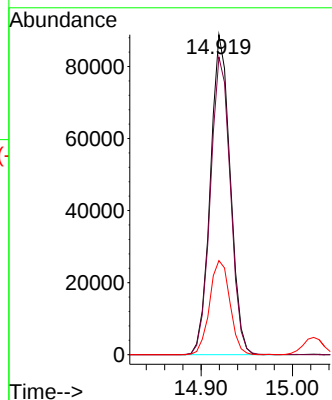
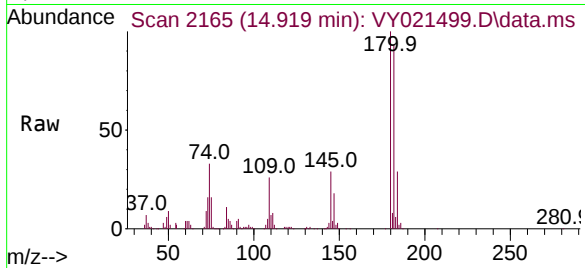




#93
1,2,4-Trichlorobenzene
Concen: 51.877 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

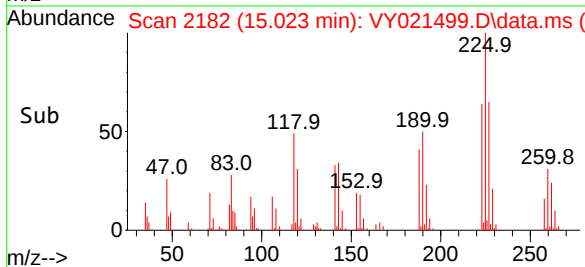
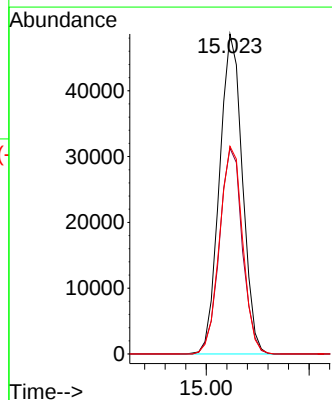
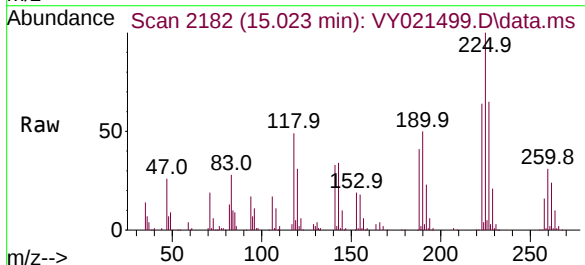
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

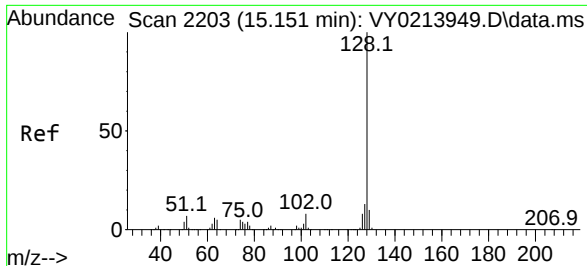
Tgt Ion:180 Resp: 133790
Ion Ratio Lower Upper
180 100
182 93.8 46.7 140.0
145 30.0 15.6 46.8



#94
Hexachlorobutadiene
Concen: 46.470 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:225 Resp: 75124
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.2
227 65.5 31.8 95.4

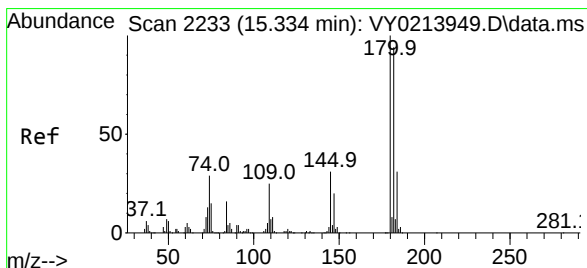
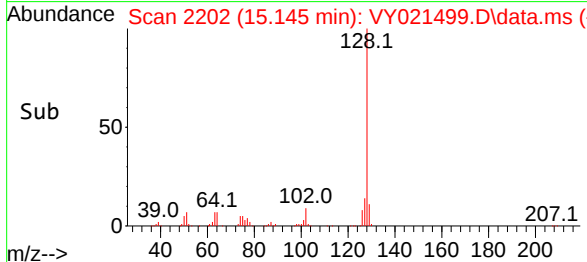
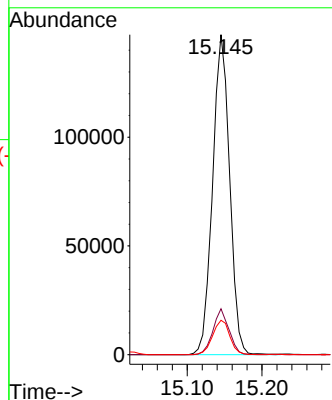
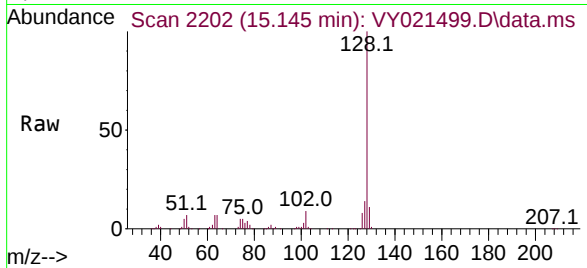




#95
Naphthalene
Concen: 53.067 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 233100
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.818 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021499.D
Acq: 11 Mar 2025 20:11

Tgt Ion:180 Resp: 114565
Ion Ratio Lower Upper
180 100
182 95.7 47.2 141.6
145 32.3 16.4 49.1

