

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021474.D
 Acq On : 11 Mar 2025 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 12 01:22:40 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	243763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	363423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	170654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99275	38.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.060%
35) Dibromofluoromethane	7.634	113	95332	39.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.820%
50) Toluene-d8	10.109	98	352803	39.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.020%
62) 4-Bromofluorobenzene	12.408	95	124309	40.403	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	98364	43.973	ug/l	97
3) Chloromethane	2.068	50	150856	47.834	ug/l	98
4) Vinyl Chloride	2.202	62	174765	50.709	ug/l	100
5) Bromomethane	2.592	94	113739	45.662	ug/l	95
6) Chloroethane	2.733	64	118189	51.893	ug/l	95
7) Trichlorofluoromethane	3.056	101	240284	49.950	ug/l	99
8) Diethyl Ether	3.452	74	62964	47.231	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	128513	46.792	ug/l	99
10) Methyl Iodide	4.007	142	146826	52.592	ug/l	99
11) Tert butyl alcohol	4.866	59	40478	240.812	ug/l	99
12) 1,1-Dichloroethene	3.787	96	116565	46.552	ug/l	97
13) Acrolein	3.653	56	4875	37.200	ug/l	85
14) Allyl chloride	4.385	41	190284	47.024	ug/l	100
15) Acrylonitrile	5.055	53	140620	247.791	ug/l	99
16) Acetone	3.873	43	121409	216.052	ug/l	95
17) Carbon Disulfide	4.104	76	362072	46.140	ug/l	99
18) Methyl Acetate	4.385	43	70320	56.398	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	310956	48.996	ug/l	99
20) Methylene Chloride	4.616	84	128918	43.705	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	132644	47.301	ug/l	93
22) Diisopropyl ether	6.019	45	418935	48.039	ug/l	98
23) Vinyl Acetate	5.958	43	1222965	245.726	ug/l	99
24) 1,1-Dichloroethane	5.915	63	241734	46.967	ug/l	99
25) 2-Butanone	6.890	43	182977	235.390	ug/l	100
26) 2,2-Dichloropropane	6.884	77	220877	46.640	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	152664	47.921	ug/l	98
28) Bromochloromethane	7.244	49	103206	47.829	ug/l	99
29) Tetrahydrofuran	7.262	42	121085	252.319	ug/l	99
30) Chloroform	7.421	83	252820	47.304	ug/l	99
31) Cyclohexane	7.701	56	213401	44.226	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	231730	47.353	ug/l	100
36) 1,1-Dichloropropene	7.835	75	182671	48.852	ug/l	99
37) Ethyl Acetate	6.982	43	83257	50.376	ug/l	99
38) Carbon Tetrachloride	7.817	117	212962	49.521	ug/l	99
39) Methylcyclohexane	9.109	83	225796	49.229	ug/l	99
40) Benzene	8.079	78	541879	49.194	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	50642	56.275	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	153676	49.870	ug/l	99
43) Isopropyl Acetate	8.195	43	158523	49.410	ug/l	99
44) Trichloroethene	8.866	130	136201	48.932	ug/l	97
45) 1,2-Dichloropropane	9.140	63	129356	49.342	ug/l	97
46) Dibromomethane	9.231	93	74006	50.735	ug/l	99
47) Bromodichloromethane	9.420	83	194205	50.133	ug/l	100
48) Methyl methacrylate	9.219	41	77638	52.699	ug/l	99
49) 1,4-Dioxane	9.231	88	16834	1175.771	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	442138	267.090	ug/l	100
52) Toluene	10.170	92	346735	49.929	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	176129	51.607	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	204113	50.373	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	97475	51.085	ug/l	97
56) Ethyl methacrylate	10.438	69	131351	53.976	ug/l	98
57) 1,3-Dichloropropane	10.719	76	168838	51.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	311957	277.699	ug/l	99
59) 2-Hexanone	10.762	43	300779	274.788	ug/l	100
60) Dibromochloromethane	10.914	129	133595	51.071	ug/l	99
61) 1,2-Dibromoethane	11.018	107	92057	51.119	ug/l	99
64) Tetrachloroethene	10.646	164	132468	49.184	ug/l	99
65) Chlorobenzene	11.444	112	375353	47.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	135325	48.937	ug/l	99
67) Ethyl Benzene	11.518	91	673462	49.057	ug/l	99
68) m/p-Xylenes	11.633	106	513472	98.518	ug/l	98
69) o-Xylene	11.956	106	240732	50.116	ug/l	99
70) Styrene	11.969	104	406424	51.002	ug/l	100
71) Bromoform	12.133	173	79790	51.617	ug/l #	100
73) Isopropylbenzene	12.255	105	647673	48.180	ug/l	100
74) N-amyl acetate	12.072	43	147238	50.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	112883	47.586	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	149093	86.699	ug/l #	100
77) Bromobenzene	12.536	156	151714	48.241	ug/l	97
78) n-propylbenzene	12.597	91	790513	48.420	ug/l	100
79) 2-Chlorotoluene	12.682	91	444946	47.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	536685	49.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	35896	47.453	ug/l	99
82) 4-Chlorotoluene	12.780	91	457984	47.377	ug/l	99
83) tert-Butylbenzene	12.999	119	474686	48.707	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	533222	49.160	ug/l	100
85) sec-Butylbenzene	13.176	105	707877	48.819	ug/l	99
86) p-Isopropyltoluene	13.292	119	593071	49.646	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	298049	47.610	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	293985	48.018	ug/l	98
89) n-Butylbenzene	13.621	91	552449	50.082	ug/l	99
90) Hexachloroethane	13.883	117	120490	47.280	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	261963	48.823	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17946	50.503	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	156265	53.321	ug/l	99
94) Hexachlorobutadiene	15.029	225	93232	50.750	ug/l	99
95) Naphthalene	15.145	128	266062	53.275	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	131614	53.397	ug/l	99

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MSVOA_Y
ClientSampleId :
VSTDCCC050

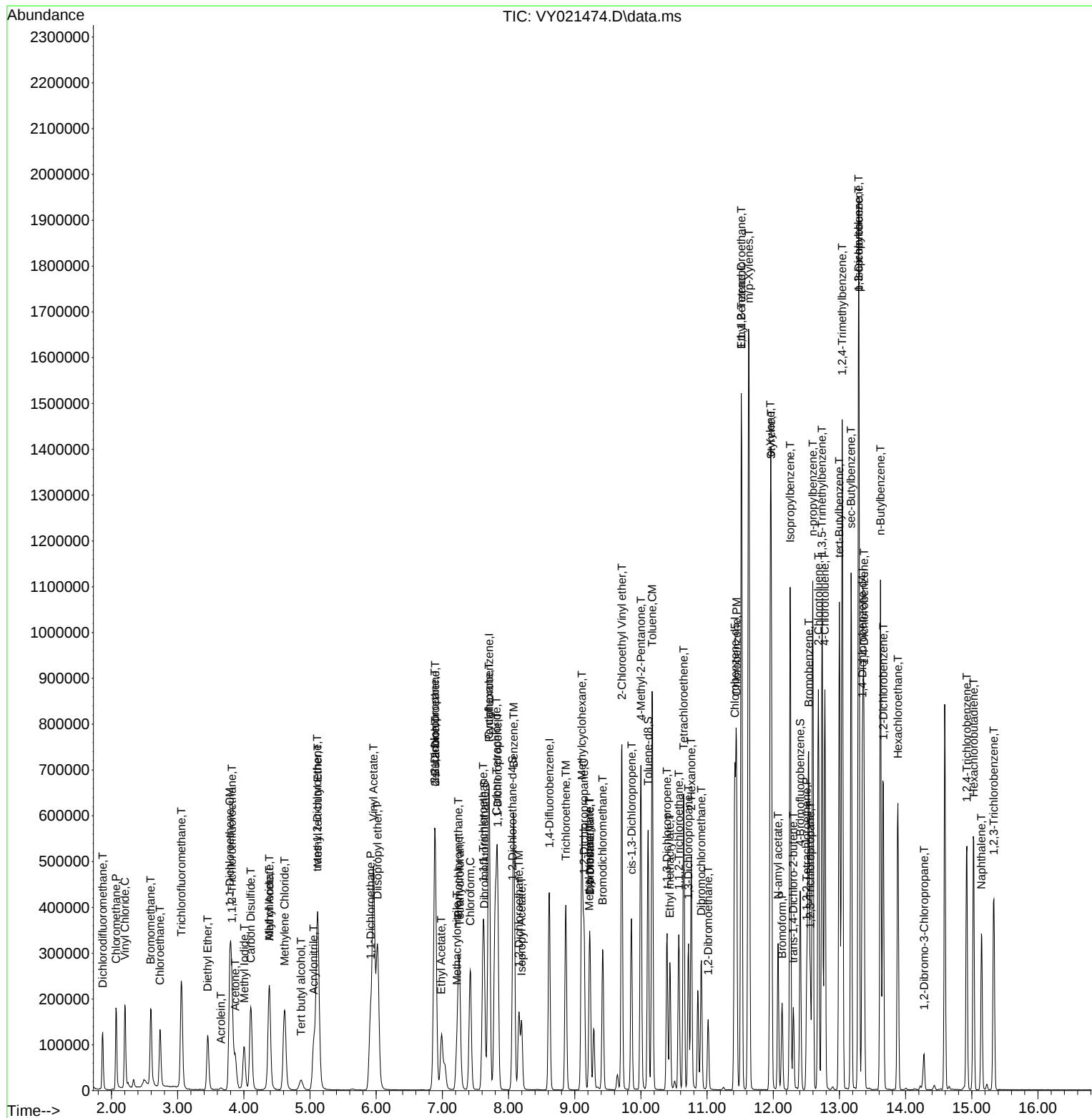
Quant Time: Mar 12 01:22:40 2025
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QLast Update : Wed Mar 05 12:42:45 2025
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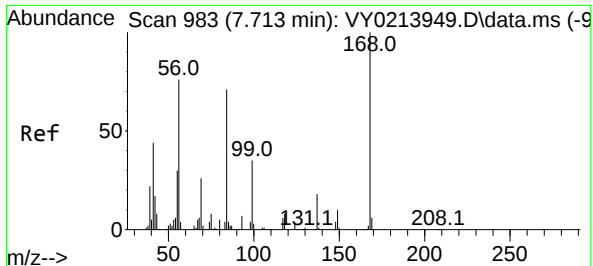
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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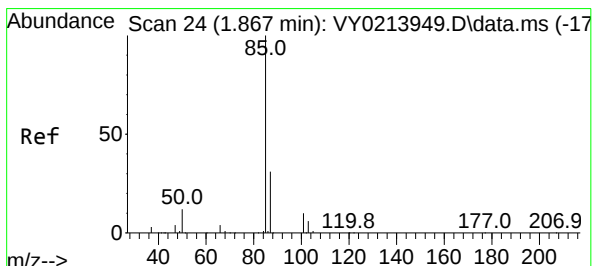
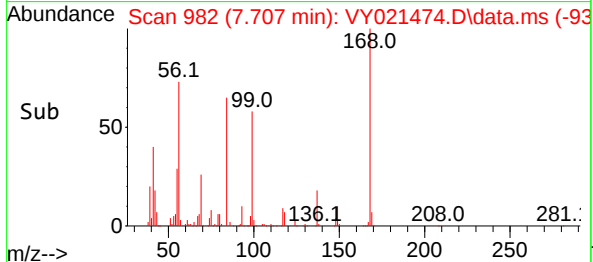
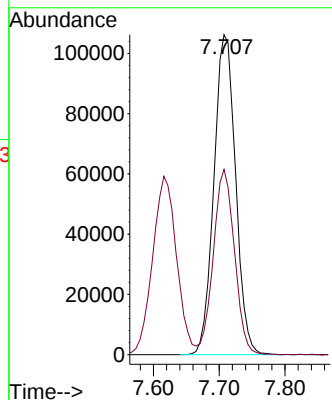
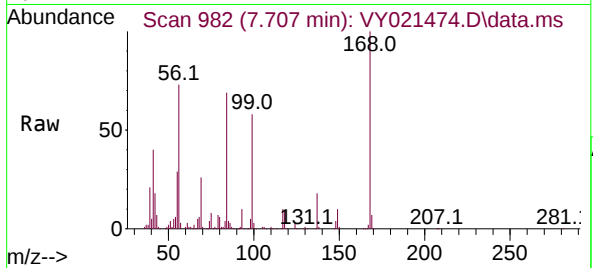




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021474.D
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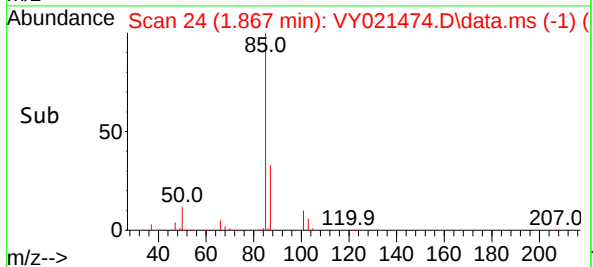
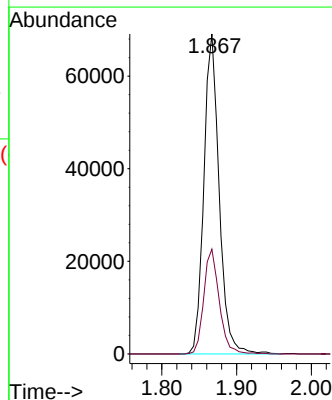
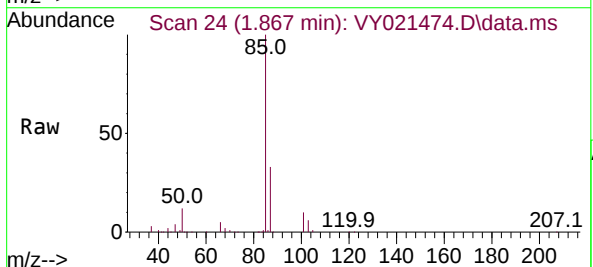
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 243763
Ion Ratio Lower Upper
168 100
99 57.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 43.973 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 85 Resp: 98364
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

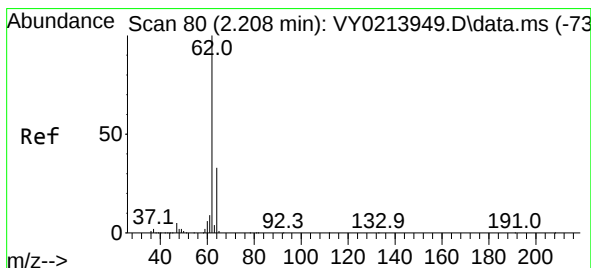
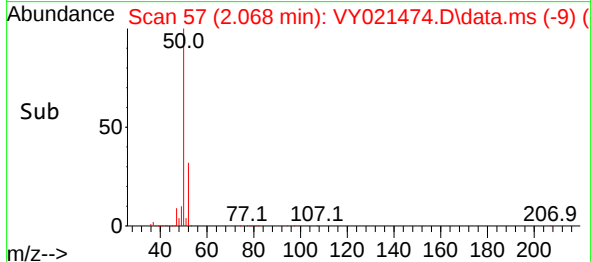
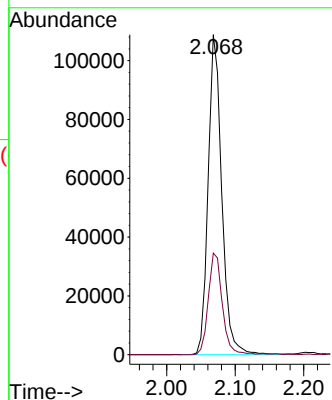
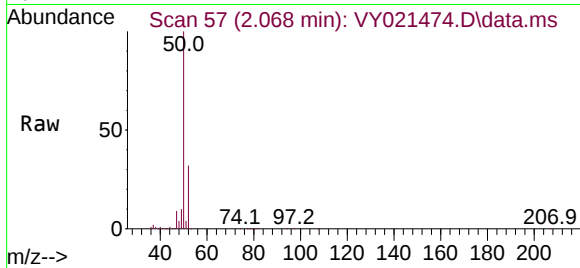




#3
Chloromethane
Concen: 47.834 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

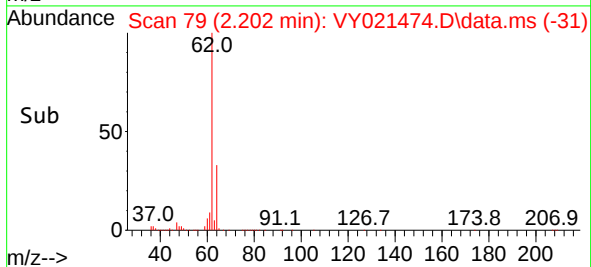
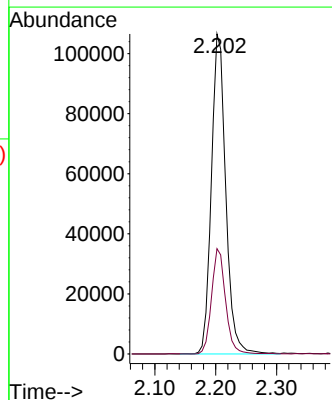
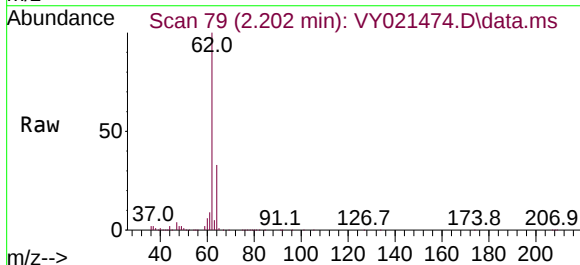
Instrument :
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ClientSampleId :
VSTDCCC050

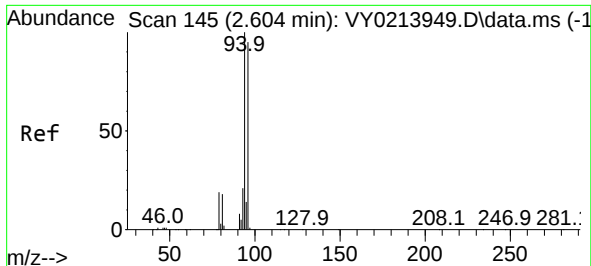
Tgt Ion: 50 Resp: 150856
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.2



#4
Vinyl Chloride
Concen: 50.709 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 62 Resp: 174765
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

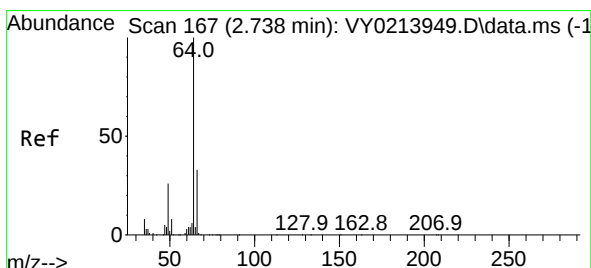
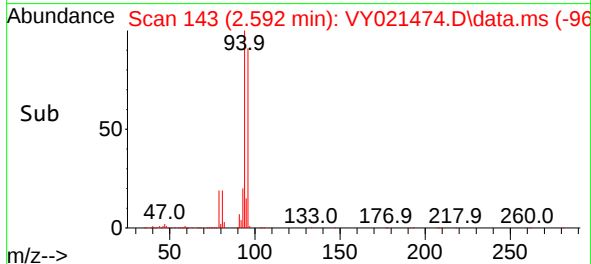
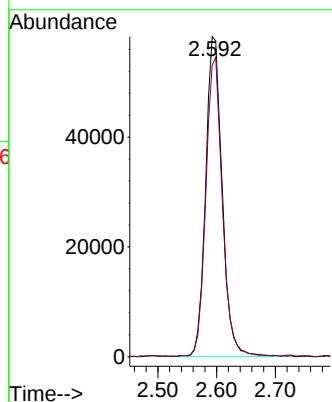
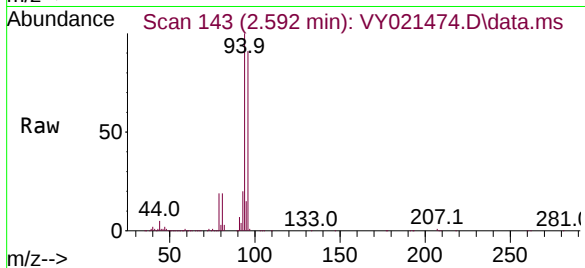




#5
Bromomethane
Concen: 45.662 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

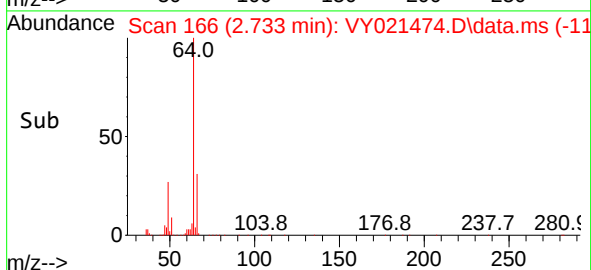
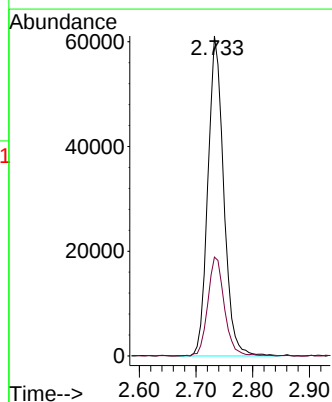
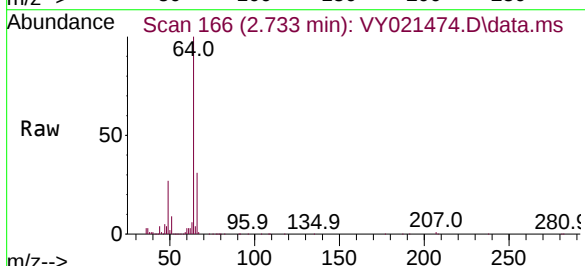
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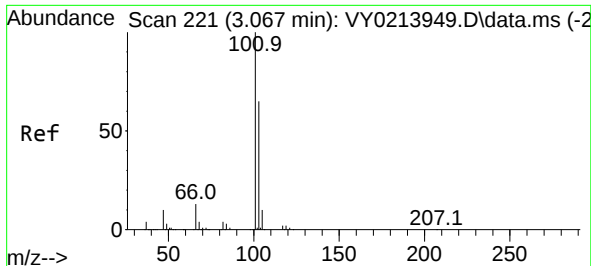
Tgt Ion: 94 Resp: 113739
Ion Ratio Lower Upper
94 100
96 90.9 76.3 114.5



#6
Chloroethane
Concen: 51.893 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 64 Resp: 118189
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1

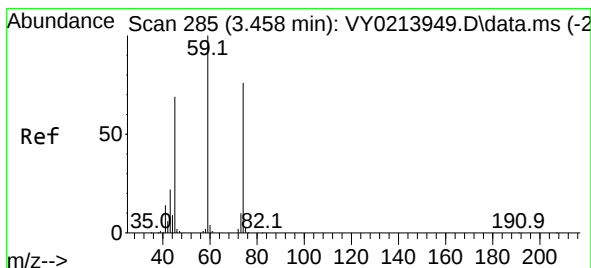
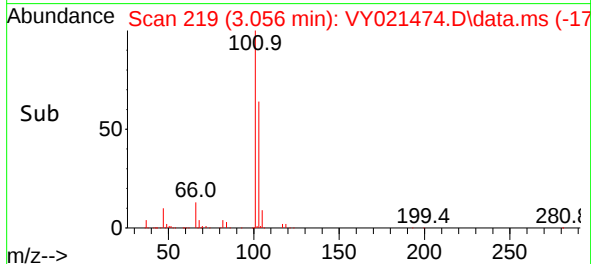
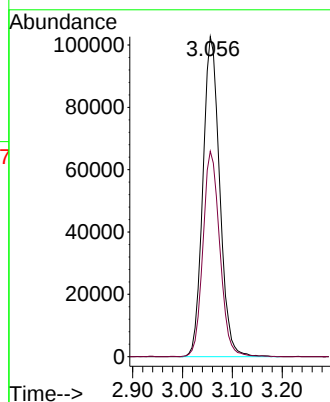
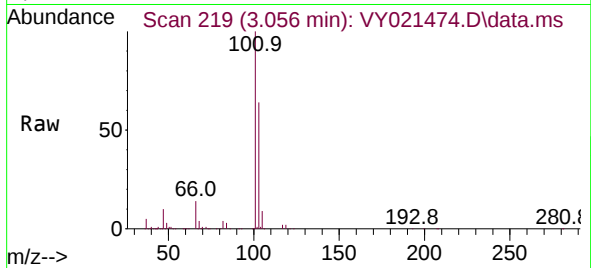




#7
 Trichlorofluoromethane
 Concen: 49.950 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

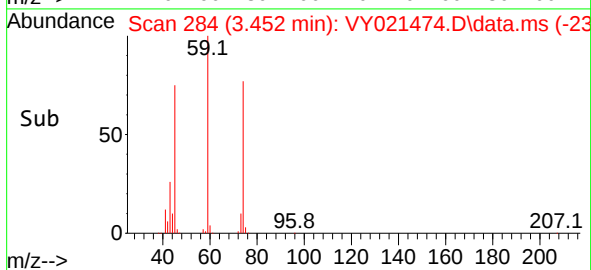
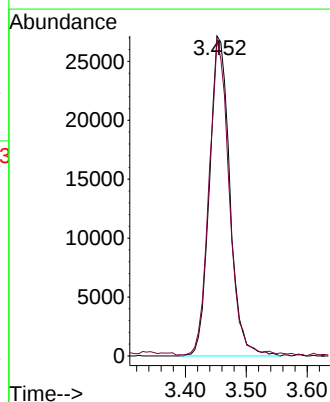
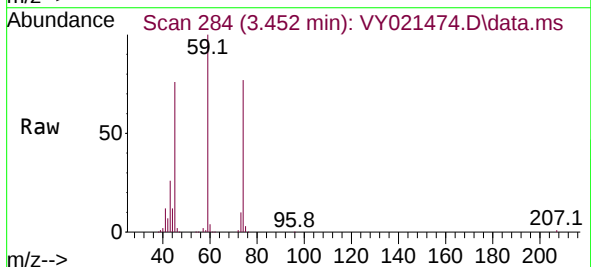
Instrument :
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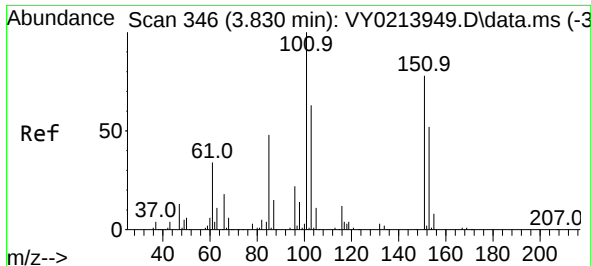
Tgt Ion:101 Resp: 240284
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 47.231 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion: 74 Resp: 62964
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.7 149.1

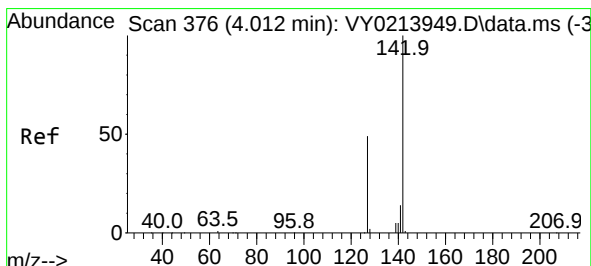
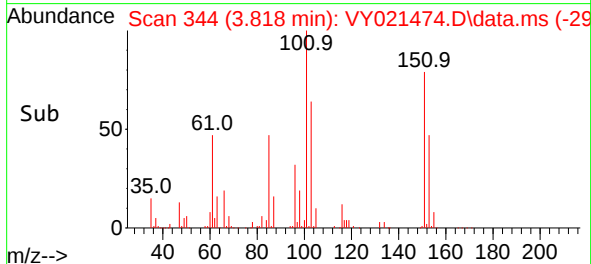
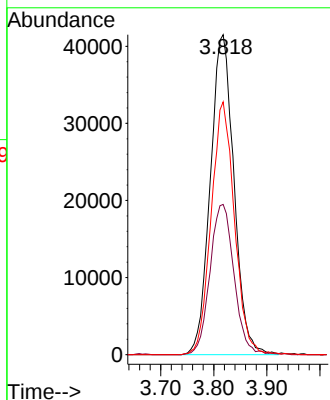
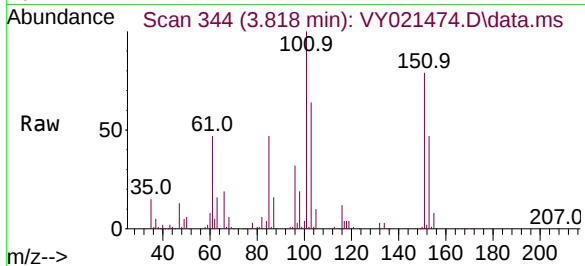




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.792 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

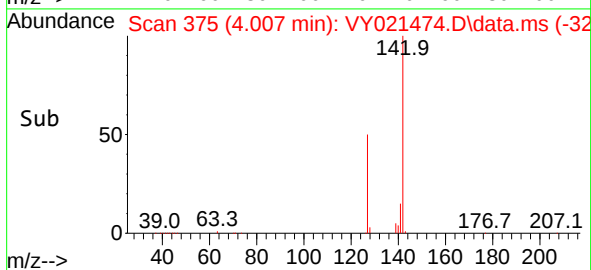
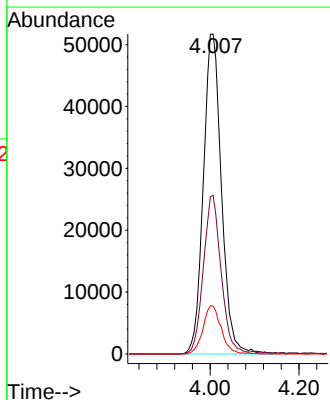
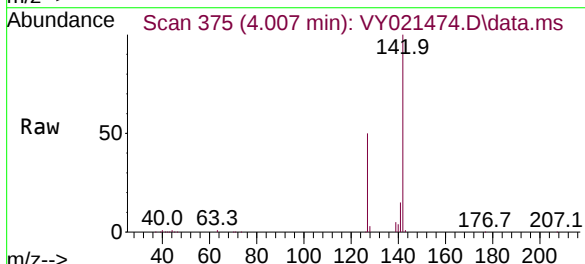
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

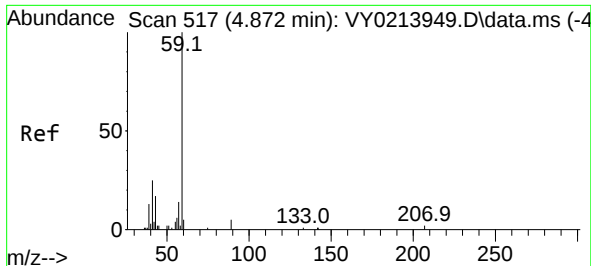
Tgt Ion:101 Resp: 128513
Ion Ratio Lower Upper
101 100
85 47.9 37.1 55.7
151 78.2 62.1 93.1



#10
Methyl Iodide
Concen: 52.592 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:142 Resp: 146826
Ion Ratio Lower Upper
142 100
127 48.4 39.1 58.7
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 240.812 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

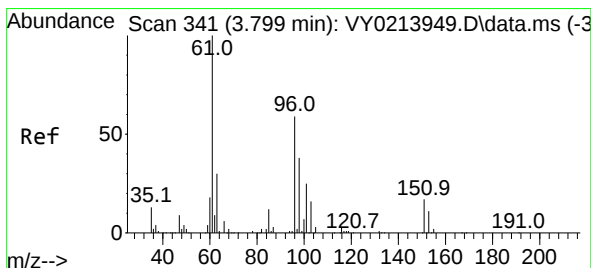
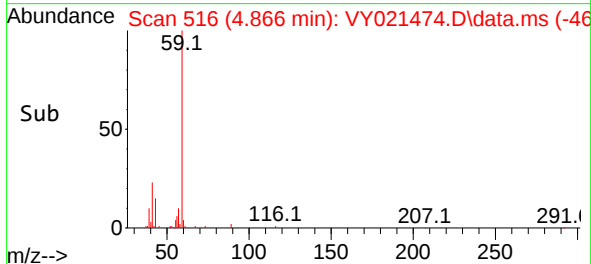
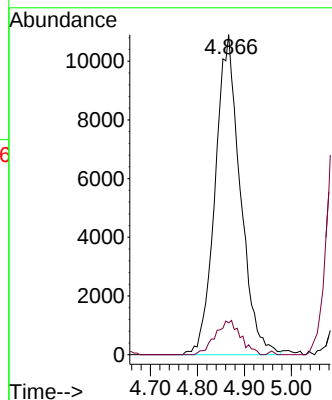
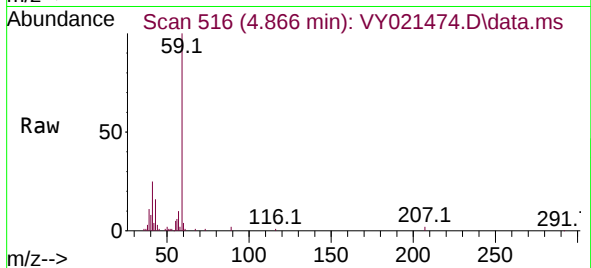
VSTDCCC050

Tgt Ion: 59 Resp: 40478

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#12

1,1-Dichloroethene

Concen: 46.552 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

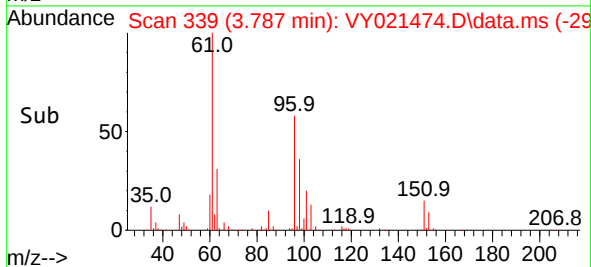
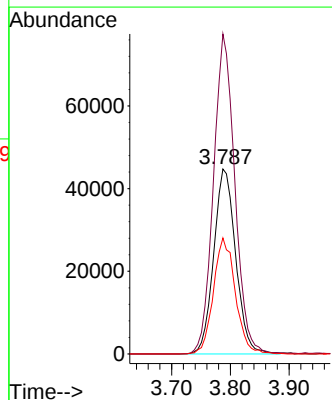
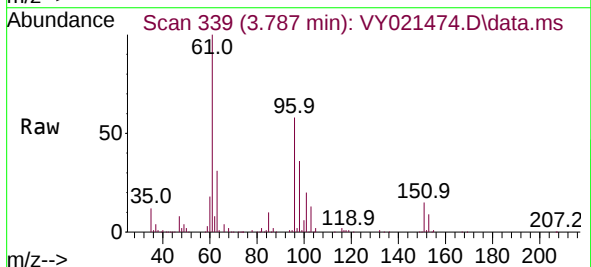
Tgt Ion: 96 Resp: 116565

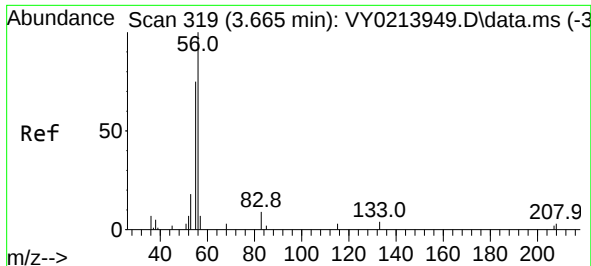
Ion Ratio Lower Upper

96 100

61 172.9 135.2 202.8

98 62.7 51.4 77.2

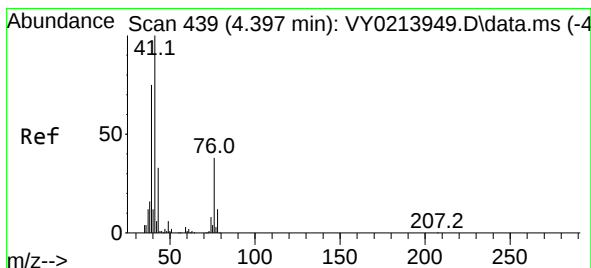
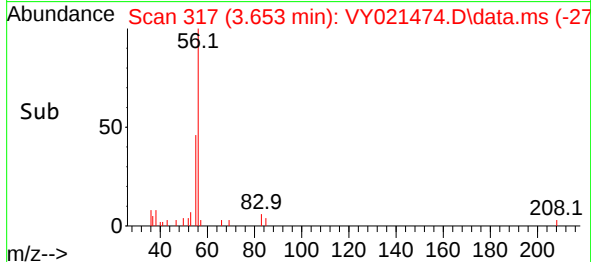
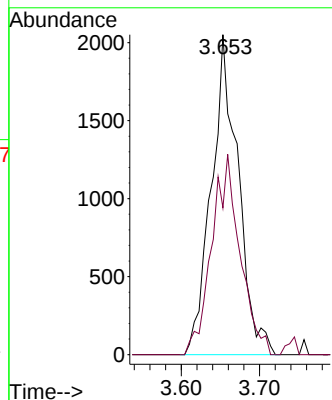
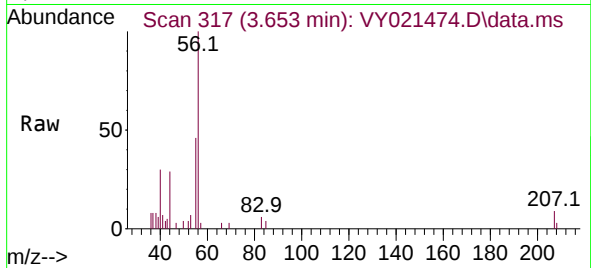




#13
Acrolein
Concen: 37.200 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

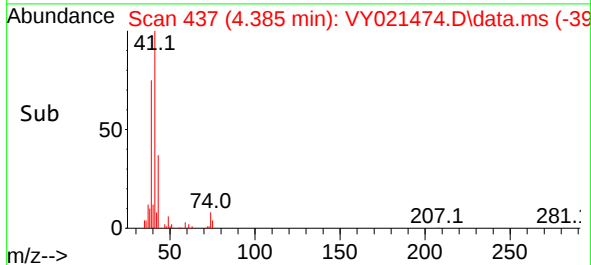
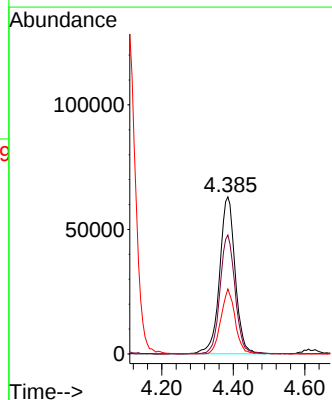
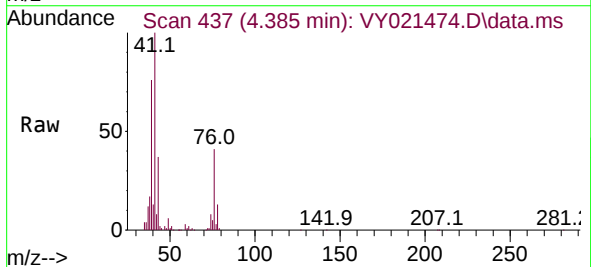
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

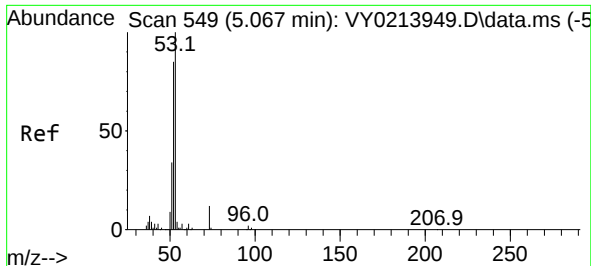
Tgt Ion: 56 Resp: 4875
Ion Ratio Lower Upper
56 100
55 66.0 63.4 95.2



#14
Allyl chloride
Concen: 47.024 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 41 Resp: 190284
Ion Ratio Lower Upper
41 100
39 73.9 59.3 88.9
76 37.9 29.8 44.8





#15

Acrylonitrile

Concen: 247.791 ug/l

RT: 5.055 min Scan# 549

Delta R.T. -0.012 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

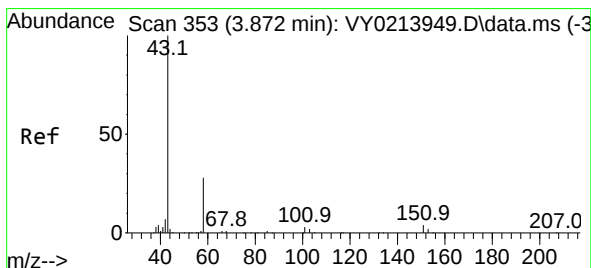
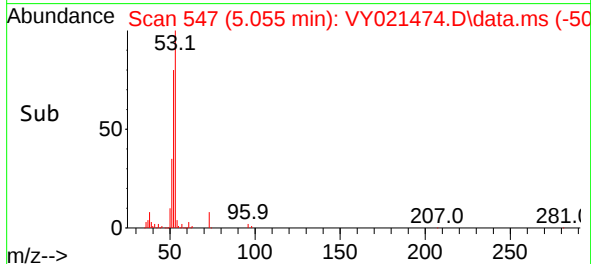
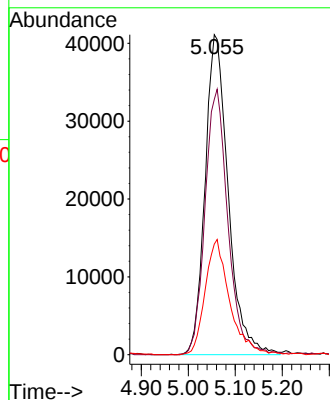
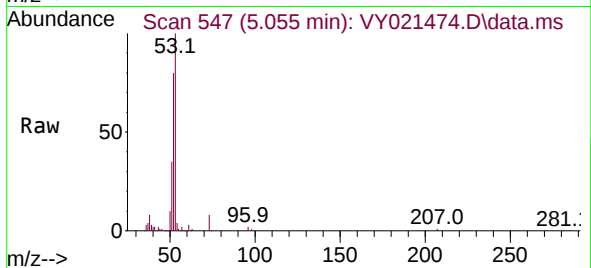
Tgt Ion: 53 Resp: 140620

Ion Ratio Lower Upper

53 100

52 82.2 66.3 99.5

51 38.2 30.3 45.5



#16

Acetone

Concen: 216.052 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.001 min

Lab File: VY021474.D

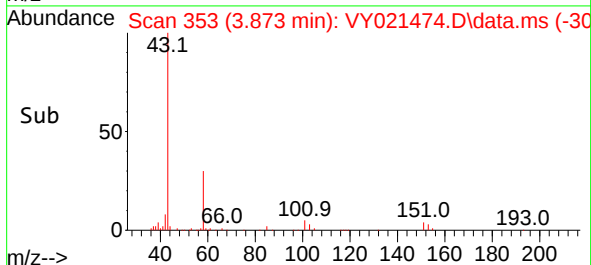
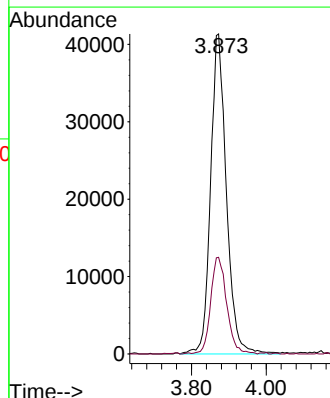
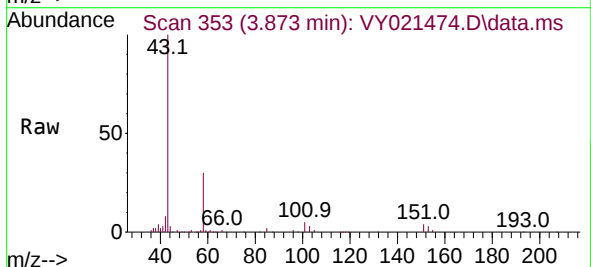
Acq: 11 Mar 2025 09:42

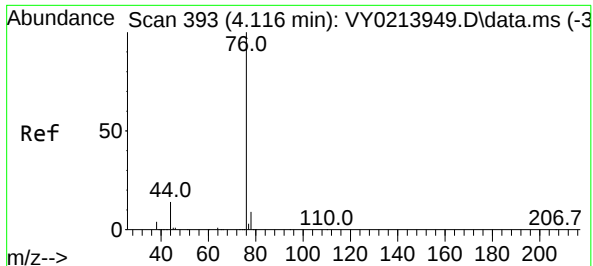
Tgt Ion: 43 Resp: 121409

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1

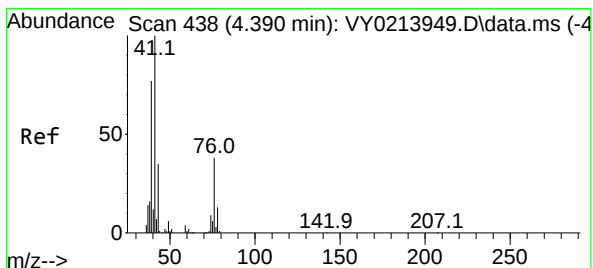
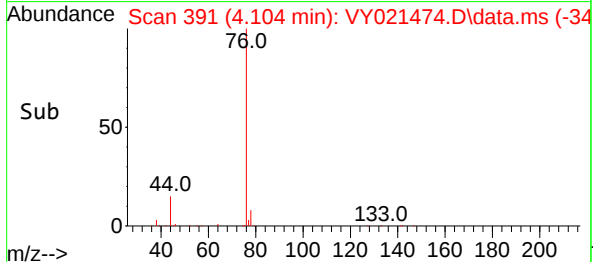
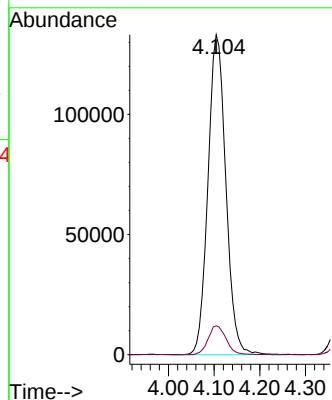
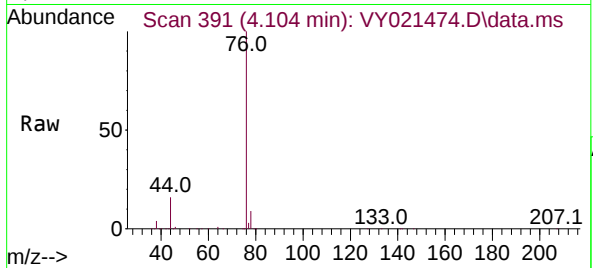




#17
Carbon Disulfide
Concen: 46.140 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

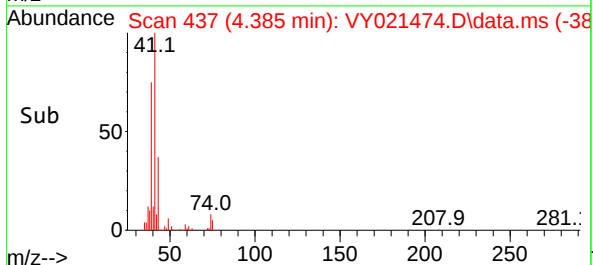
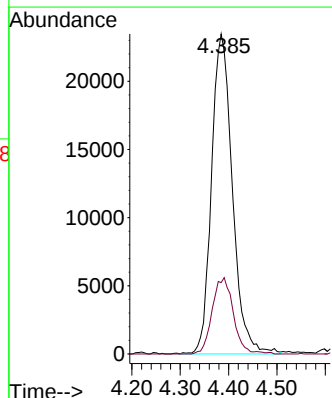
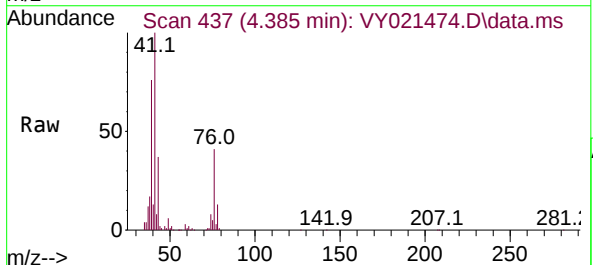
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

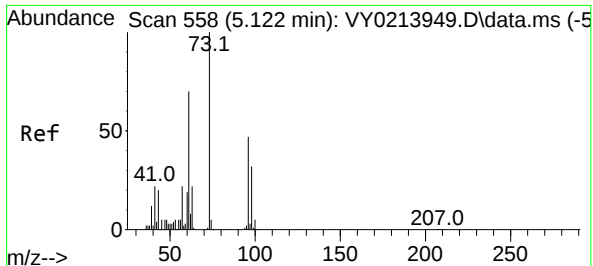
Tgt Ion: 76 Resp: 362072
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 56.398 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 43 Resp: 70320
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 48.996 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

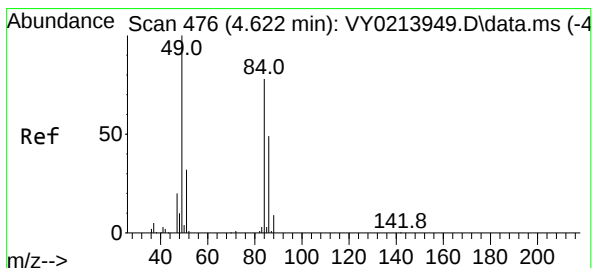
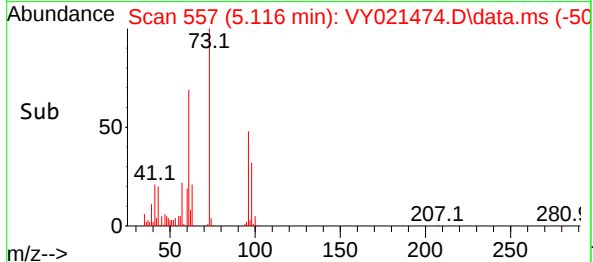
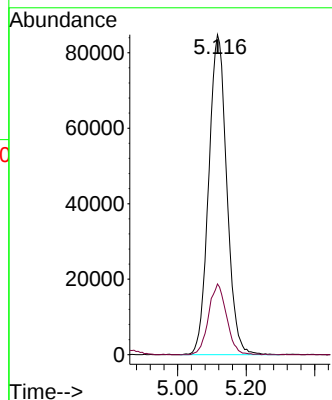
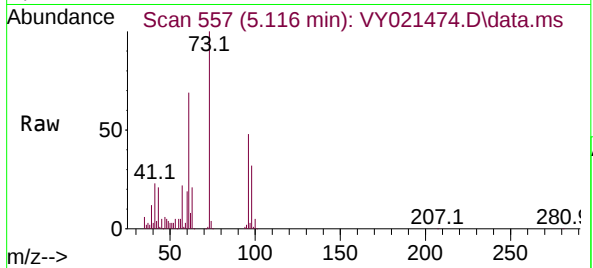
VSTDCCC050

Tgt Ion: 73 Resp: 310956

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 43.705 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Tgt Ion: 84 Resp: 128918

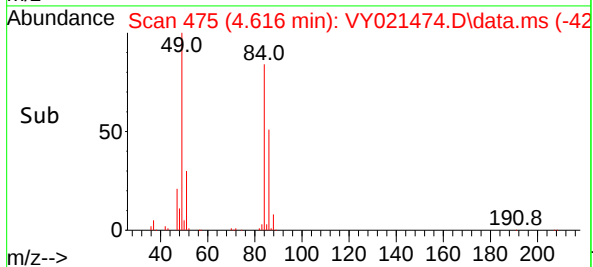
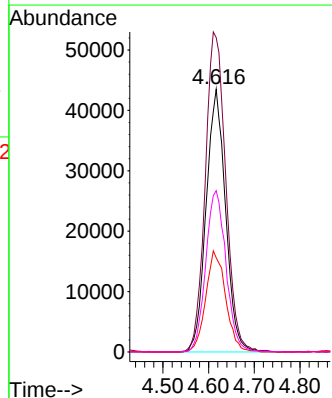
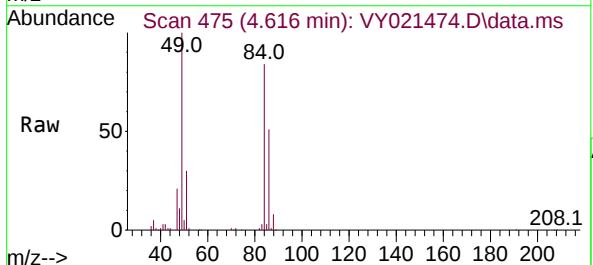
Ion Ratio Lower Upper

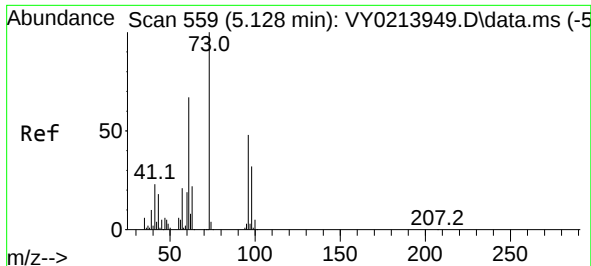
84 100

49 119.7 102.0 153.0

51 35.8 33.0 49.6

86 61.4 50.5 75.7

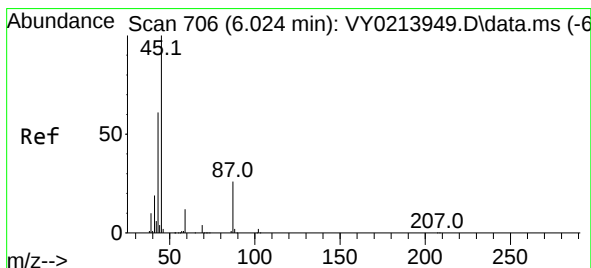
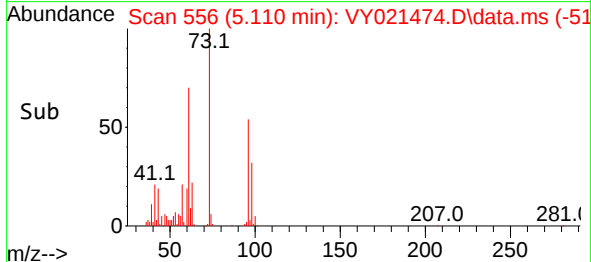
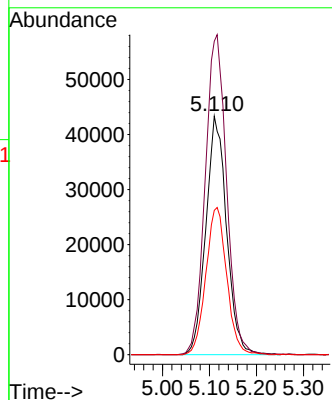
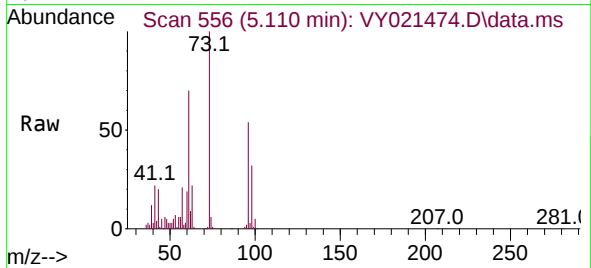




#21
trans-1,2-Dichloroethene
Concen: 47.301 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

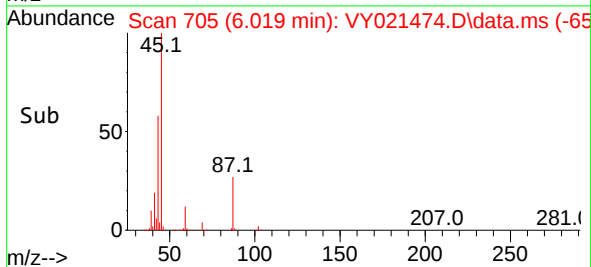
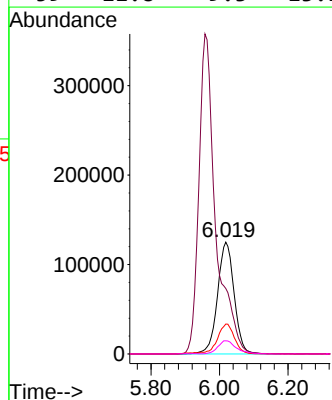
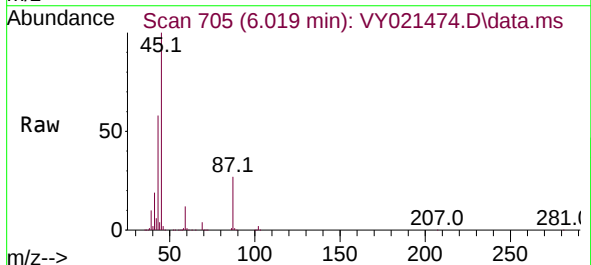
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

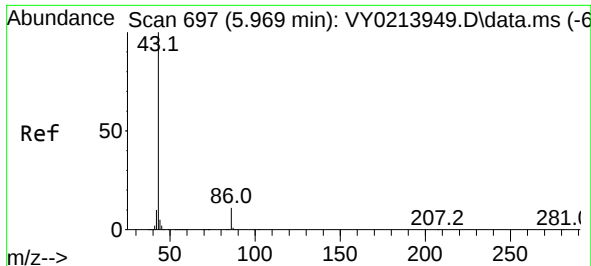
Tgt Ion: 96 Resp: 132644
Ion Ratio Lower Upper
96 100
61 131.2 111.5 167.3
98 60.5 53.8 80.8



#22
Diisopropyl ether
Concen: 48.039 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 45 Resp: 418935
Ion Ratio Lower Upper
45 100
43 58.4 48.7 73.1
87 26.8 21.5 32.3
59 11.8 9.3 13.9

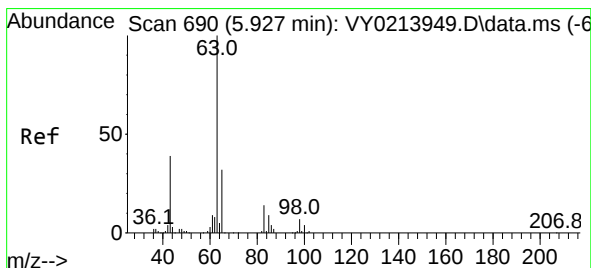
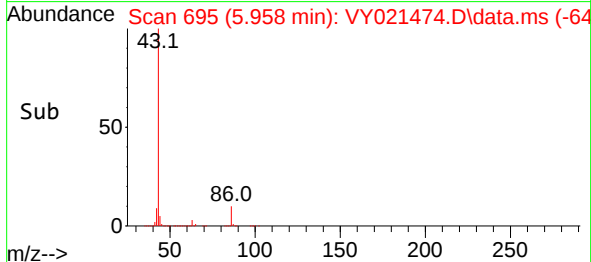
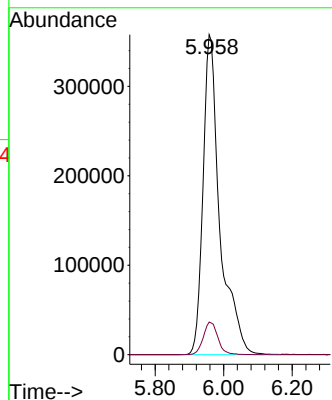
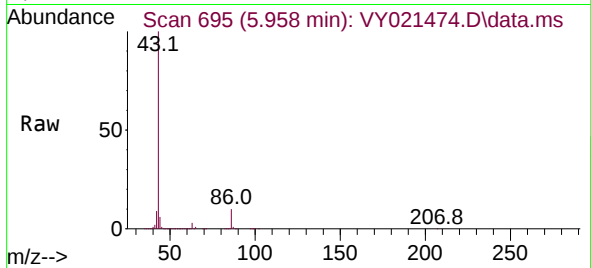




#23
 Vinyl Acetate
 Concen: 245.726 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

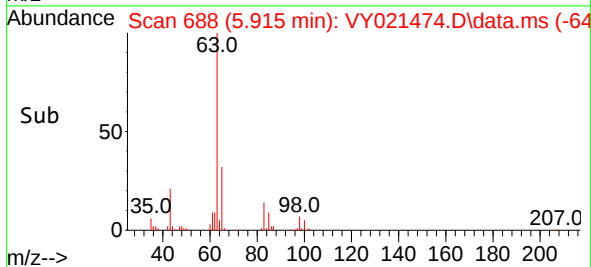
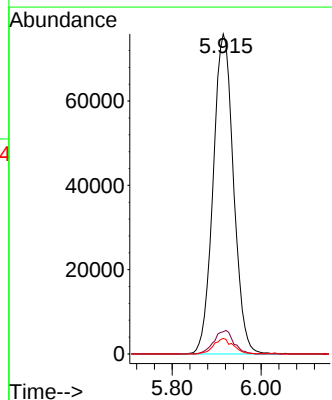
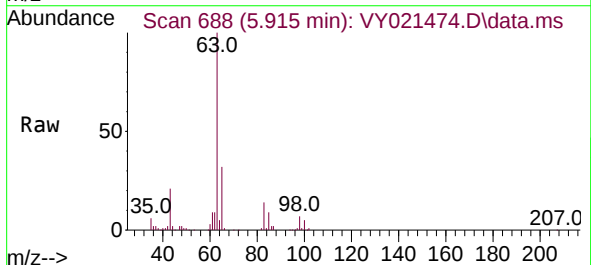
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

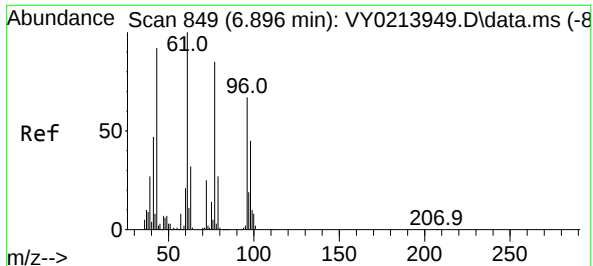
Tgt Ion: 43 Resp: 1222965
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.967 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion: 63 Resp: 241734
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 235.390 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

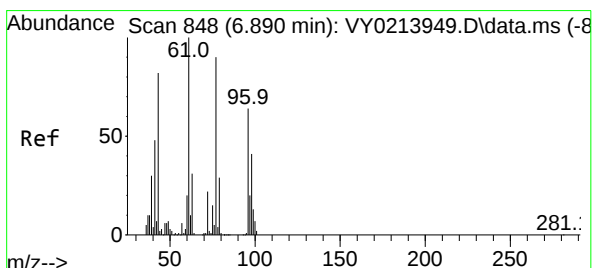
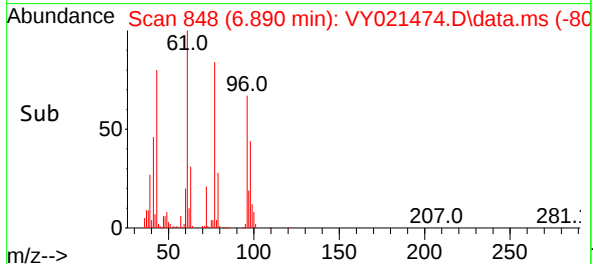
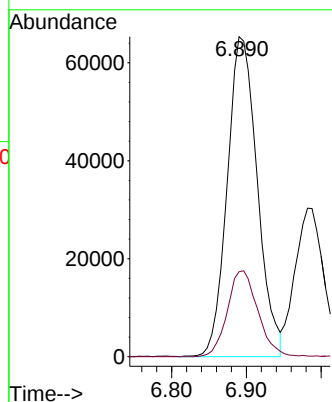
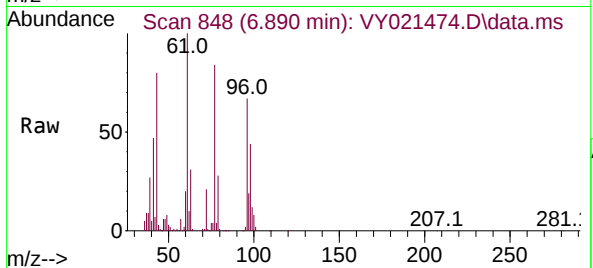
VSTDCCC050

Tgt Ion: 43 Resp: 182977

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.640 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021474.D

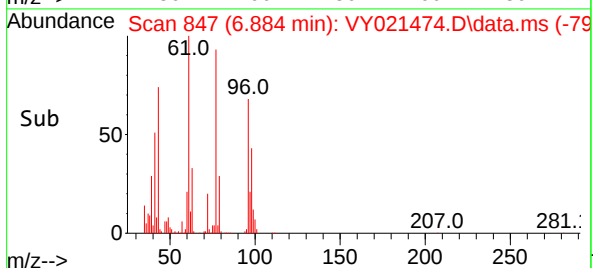
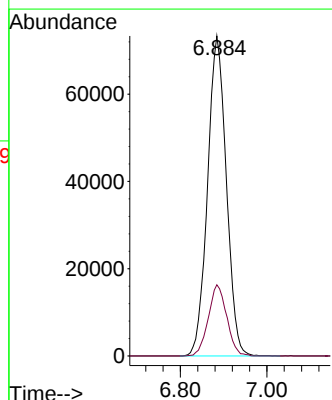
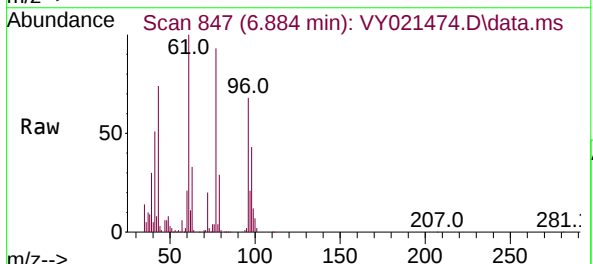
Acq: 11 Mar 2025 09:42

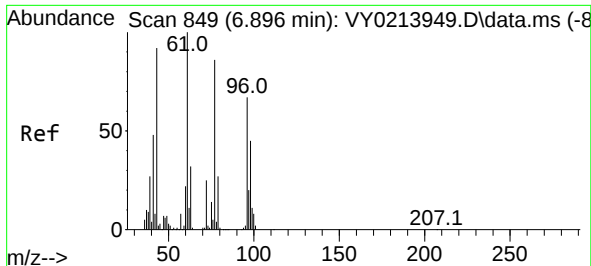
Tgt Ion: 77 Resp: 220877

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8

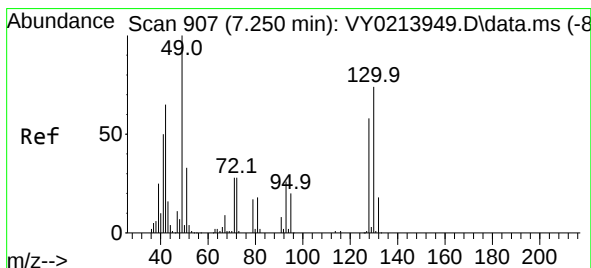
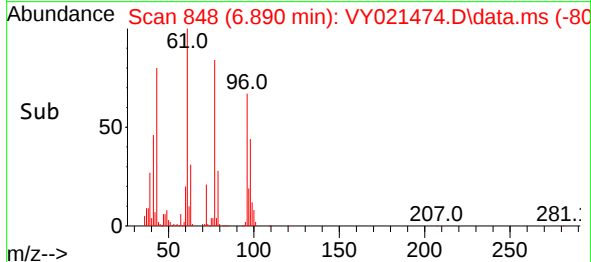
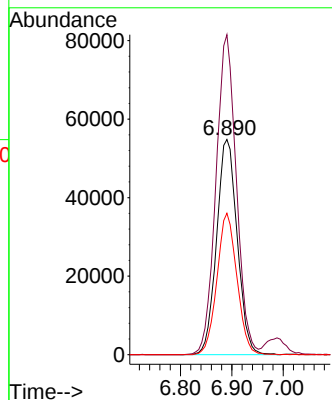
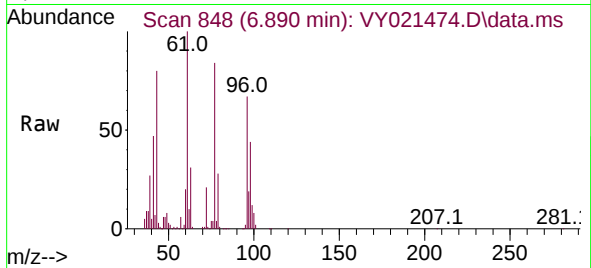




#27
cis-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

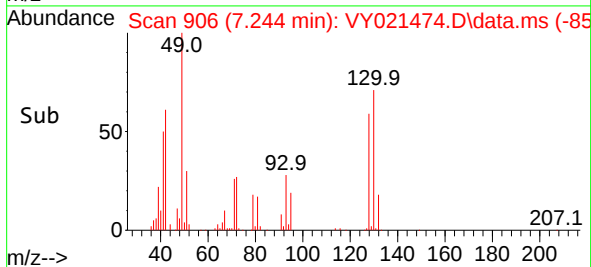
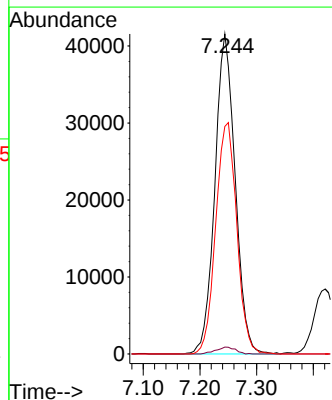
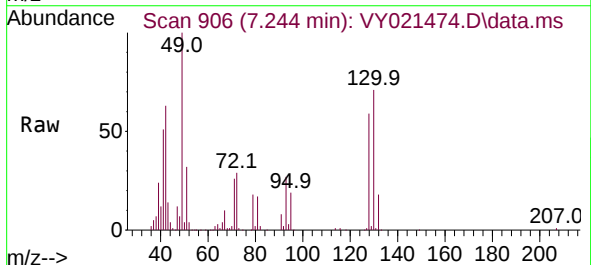
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

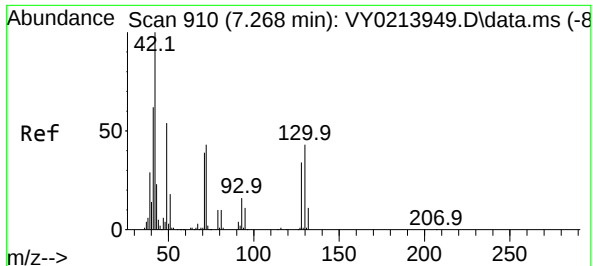
Tgt Ion: 96 Resp: 152664
Ion Ratio Lower Upper
96 100
61 147.1 0.0 300.8
98 63.8 0.0 130.0



#28
Bromochloromethane
Concen: 47.829 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 49 Resp: 103206
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 252.319 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

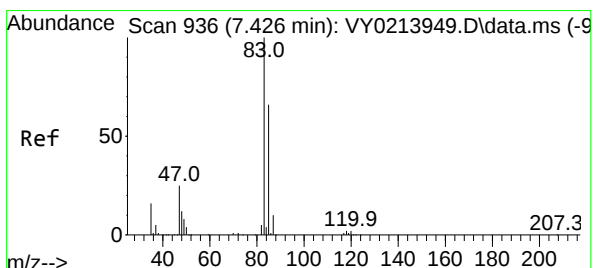
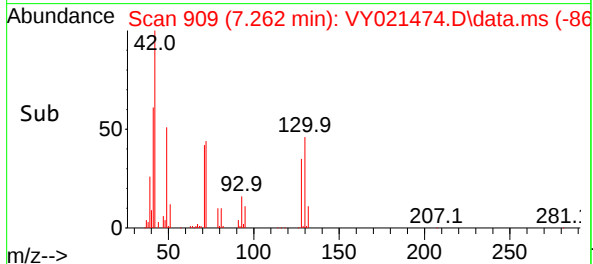
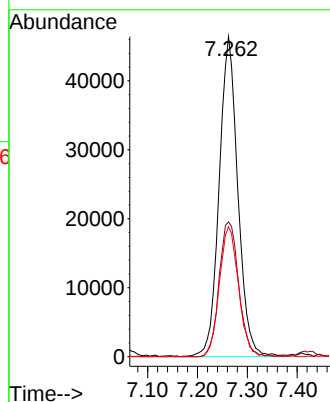
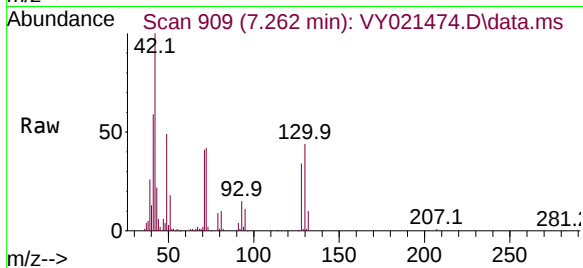
Tgt Ion: 42 Resp: 121085

Ion Ratio Lower Upper

42 100

72 44.2 34.8 52.2

71 41.6 32.6 48.8



#30

Chloroform

Concen: 47.304 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021474.D

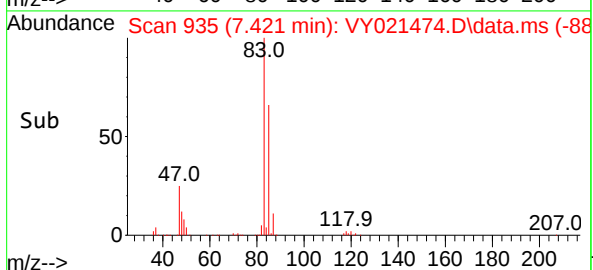
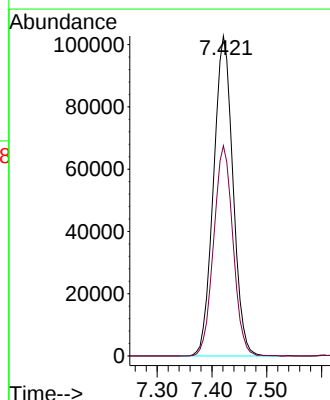
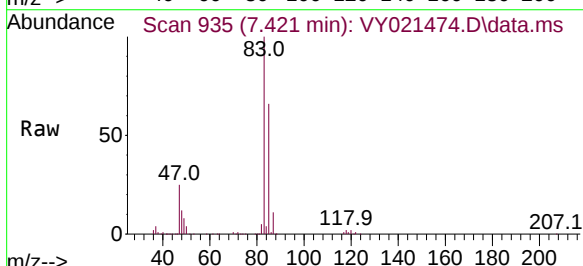
Acq: 11 Mar 2025 09:42

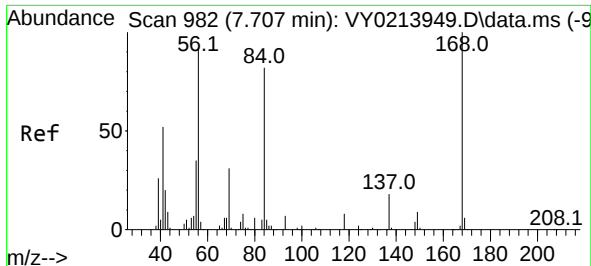
Tgt Ion: 83 Resp: 252820

Ion Ratio Lower Upper

83 100

85 65.7 53.1 79.7





#31

Cyclohexane

Concen: 44.226 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

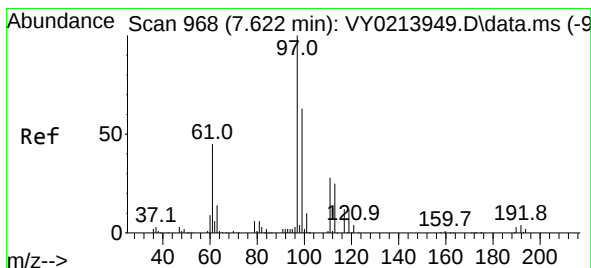
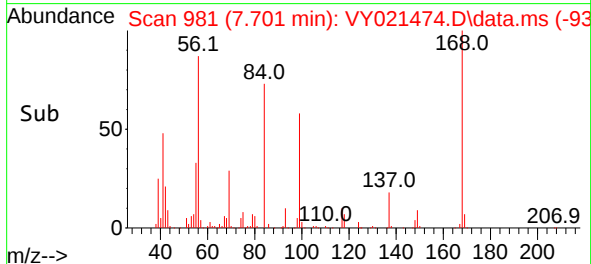
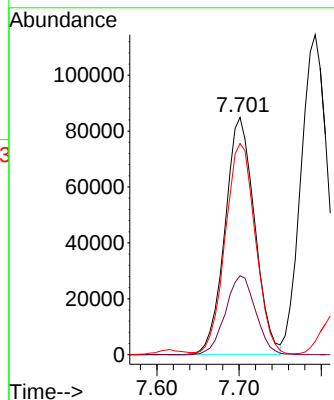
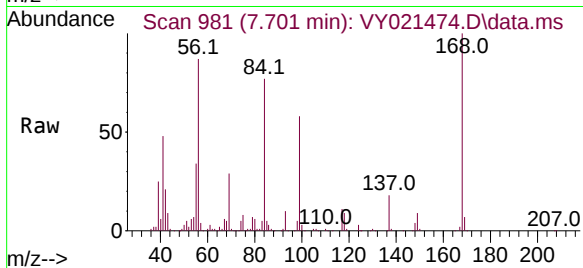
Tgt Ion: 56 Resp: 213401

Ion Ratio Lower Upper

56 100

69 33.3 27.0 40.4

84 87.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 47.353 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

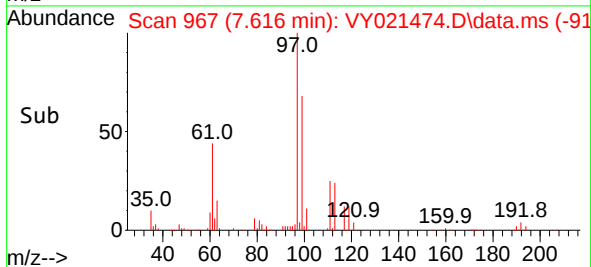
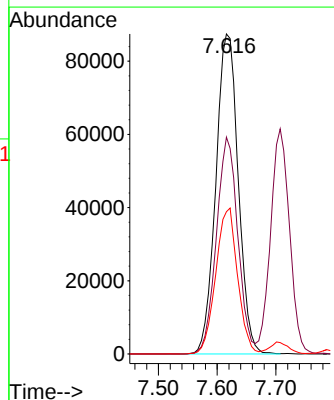
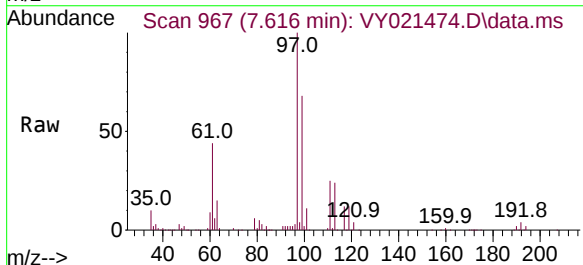
Tgt Ion: 97 Resp: 231730

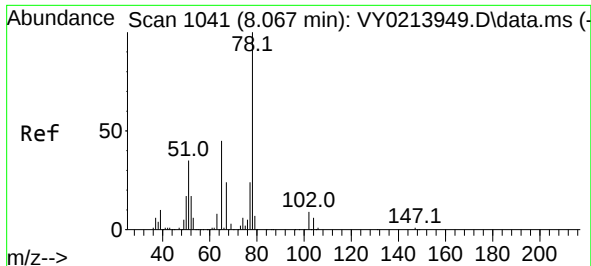
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 44.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 38.532 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

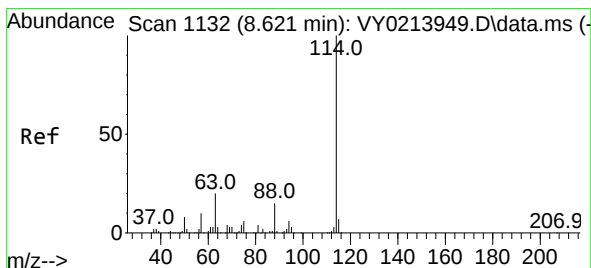
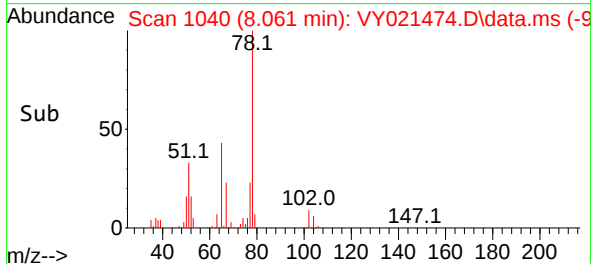
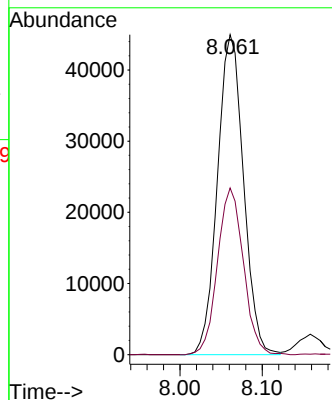
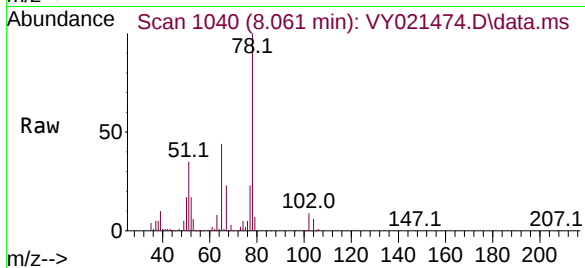
VSTDCCC050

Tgt Ion: 65 Resp: 99275

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021474.D

Acq: 11 Mar 2025 09:42

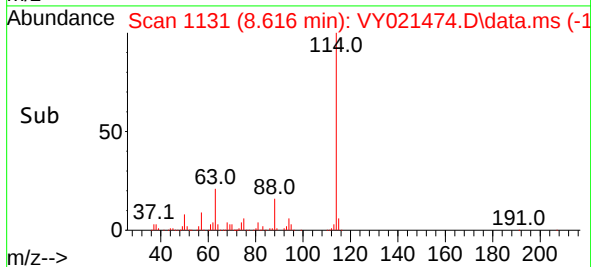
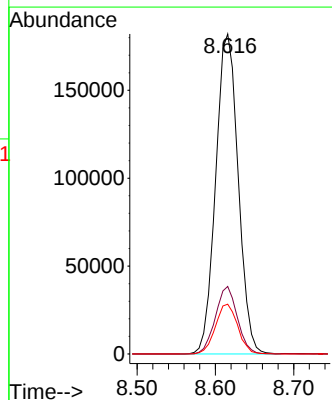
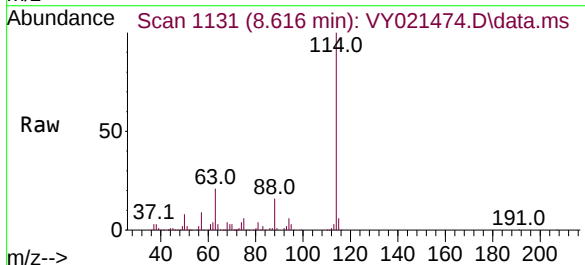
Tgt Ion: 114 Resp: 363423

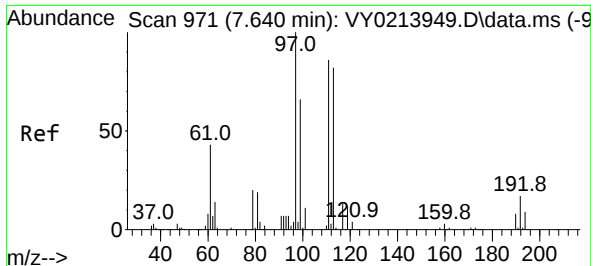
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 39.907 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

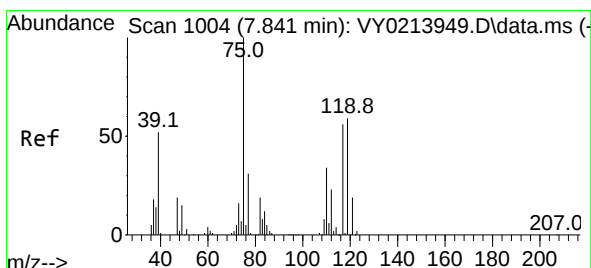
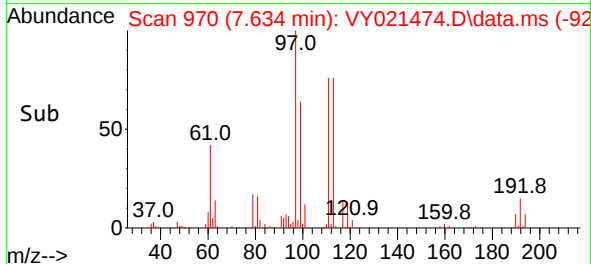
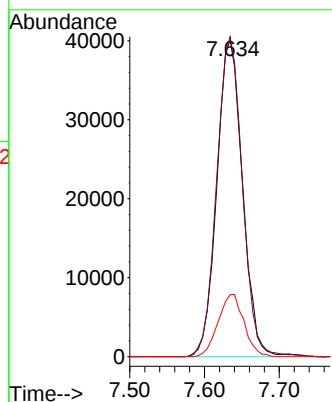
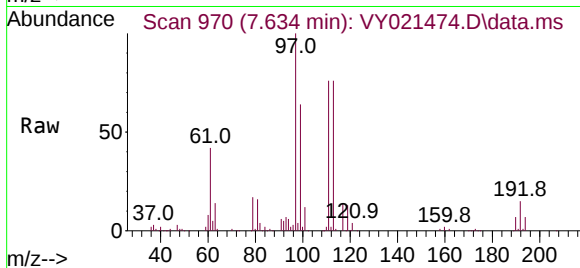
Tgt Ion:113 Resp: 95332

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 19.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.852 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

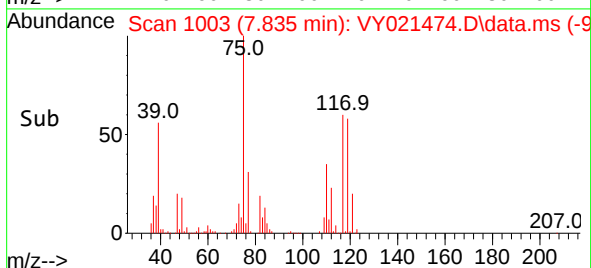
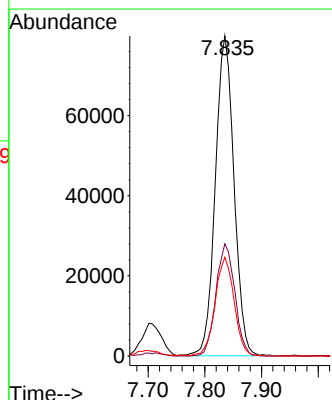
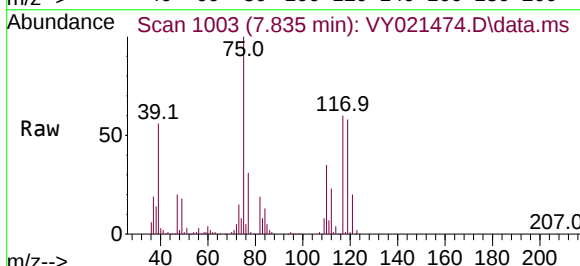
Tgt Ion: 75 Resp: 182671

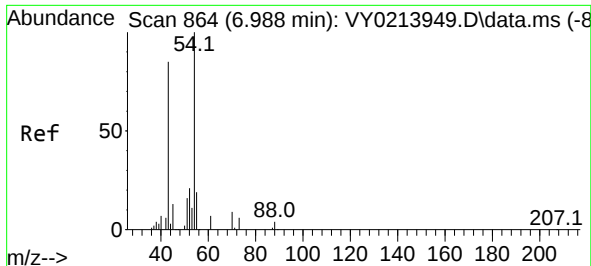
Ion Ratio Lower Upper

75 100

110 35.4 17.3 51.7

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 50.376 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

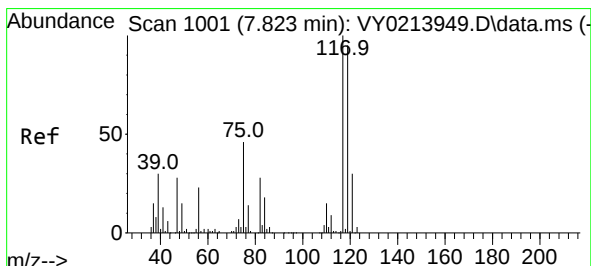
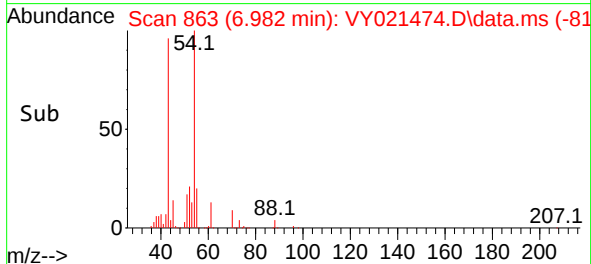
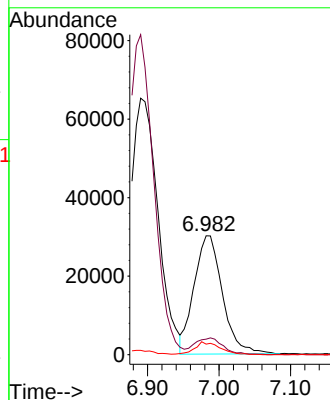
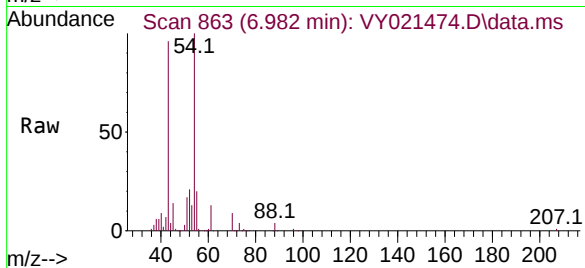
Tgt Ion: 43 Resp: 83257

Ion Ratio Lower Upper

43 100

61 14.3 11.4 17.0

70 9.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 49.521 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

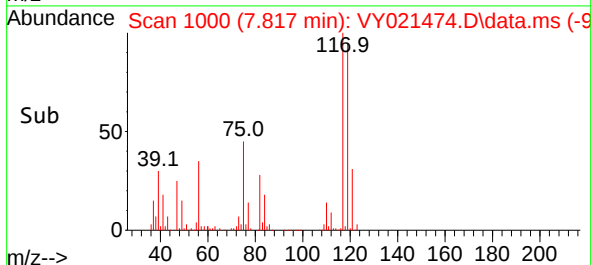
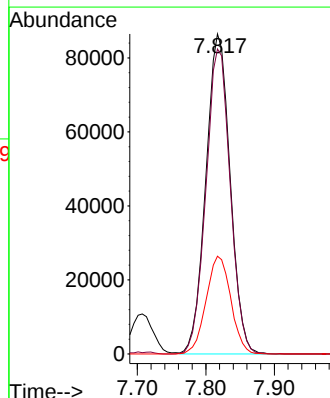
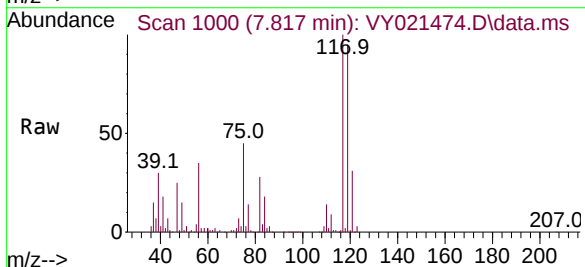
Tgt Ion: 117 Resp: 212962

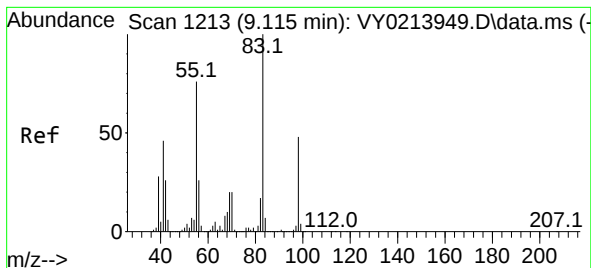
Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

121 30.5 23.9 35.9

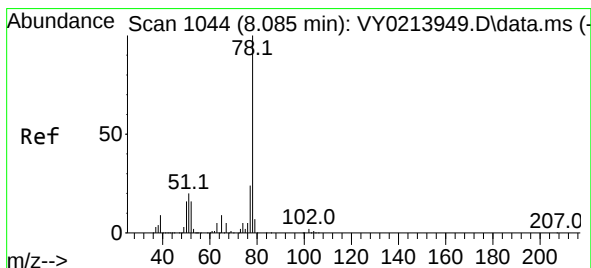
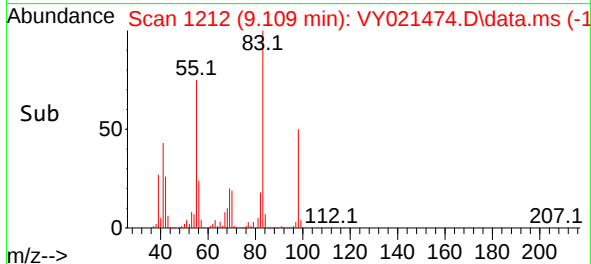
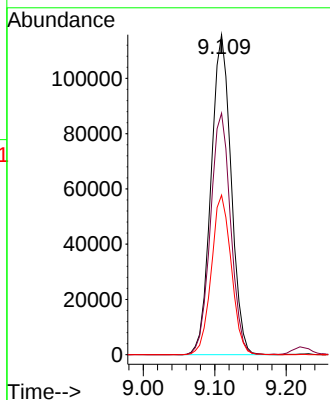
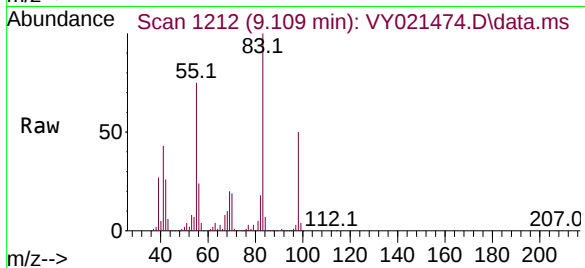




#39
Methylcyclohexane
Concen: 49.229 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

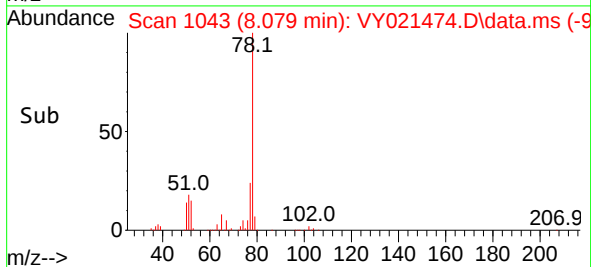
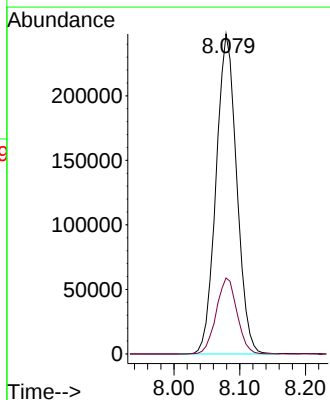
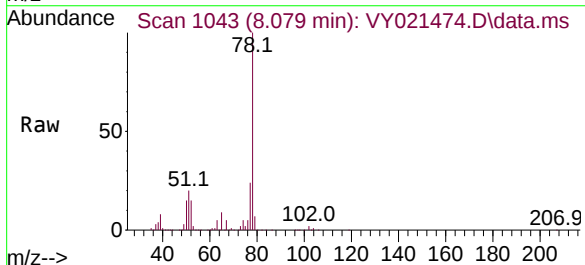
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

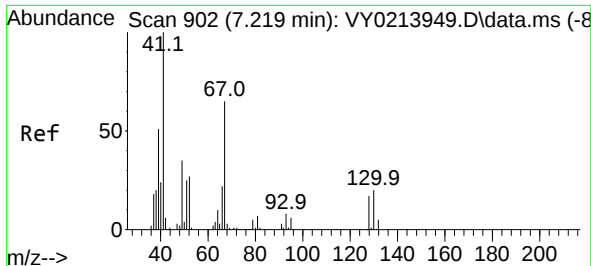
Tgt Ion: 83 Resp: 225796
Ion Ratio Lower Upper
83 100
55 75.5 60.7 91.1
98 49.9 38.6 57.8



#40
Benzene
Concen: 49.194 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 78 Resp: 541879
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

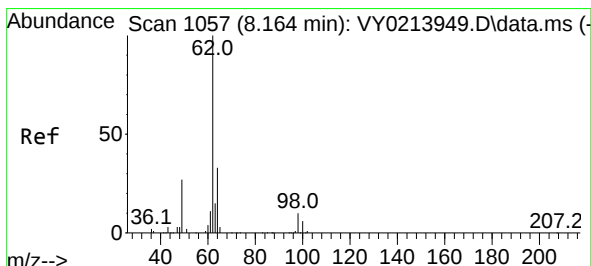
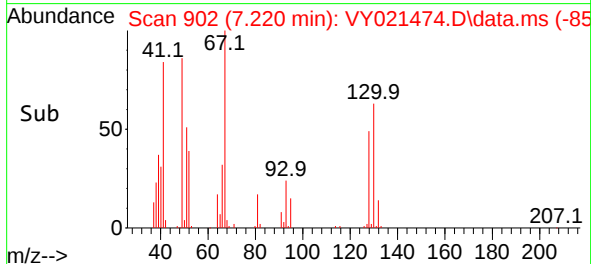
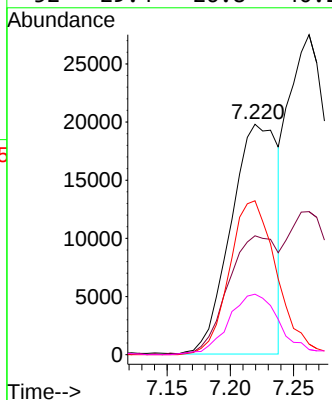
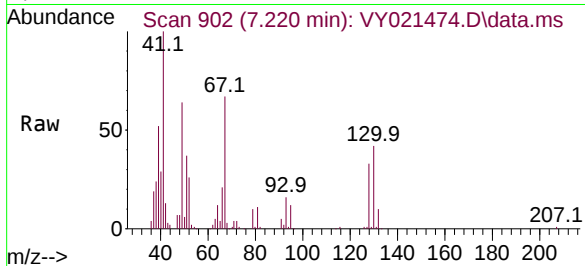




#41
Methacrylonitrile
Concen: 56.275 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

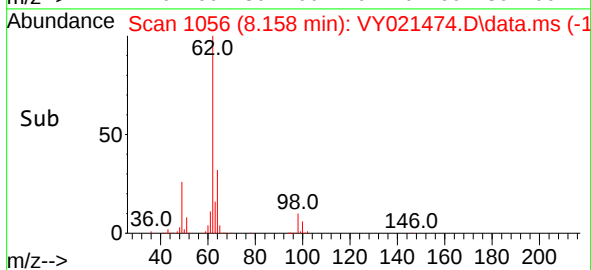
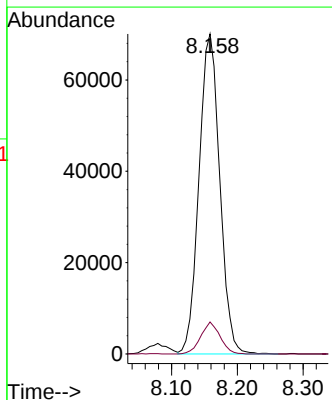
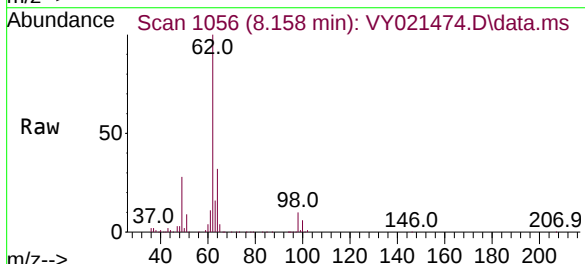
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

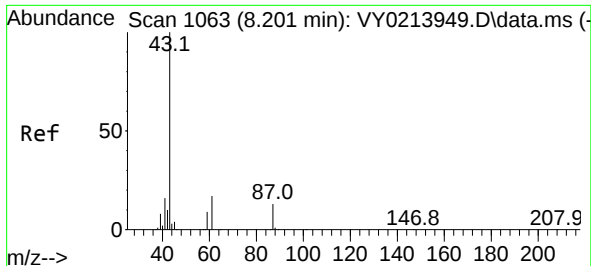
Tgt Ion:	41	Resp:	50642
Ion	Ratio	Lower	Upper
41	100		
39	54.4	35.0	52.6#
67	68.8	61.2	91.8
52	29.4	26.8	40.2



#42
1,2-Dichloroethane
Concen: 49.870 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:	62	Resp:	153676
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

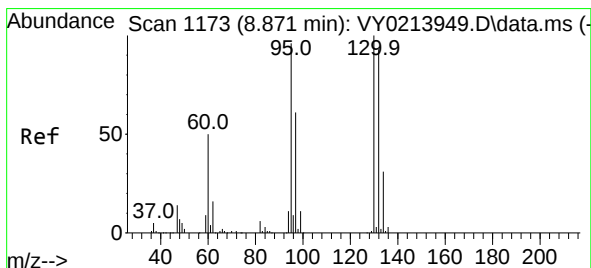
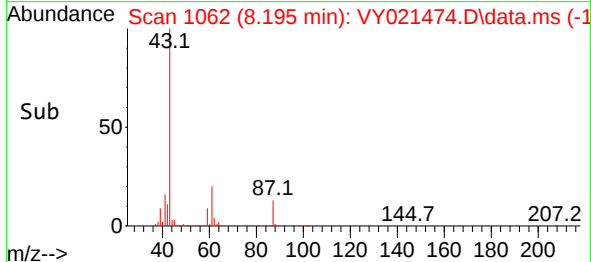
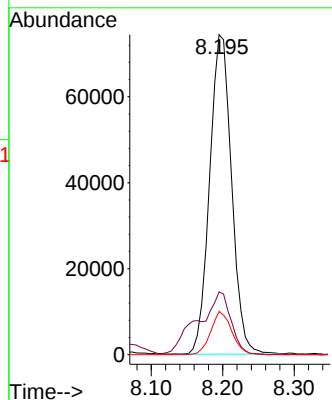
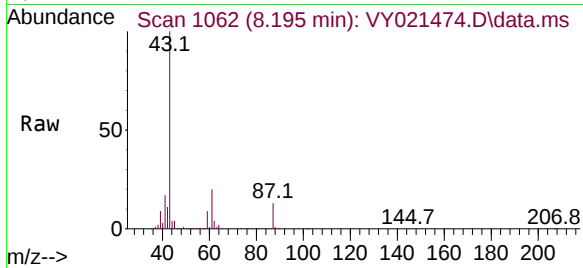




#43
Isopropyl Acetate
Concen: 49.410 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

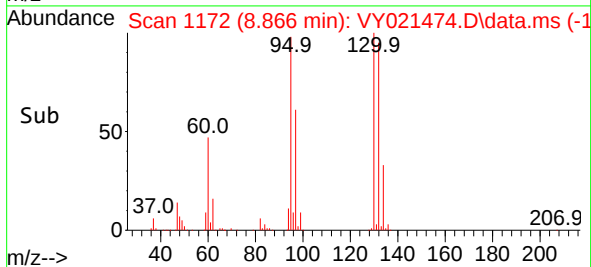
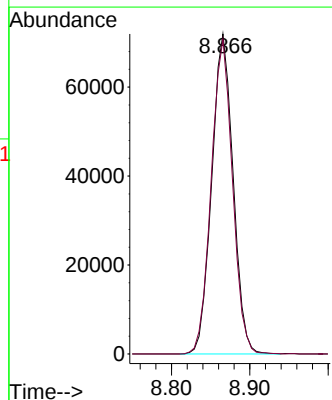
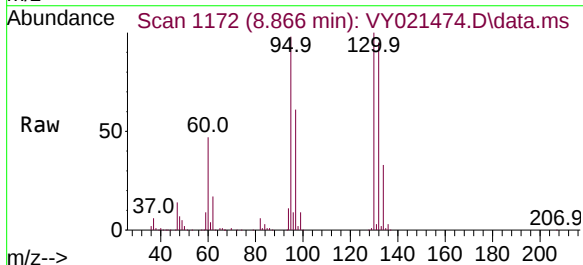
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 158523
Ion Ratio Lower Upper
43 100
61 29.6 23.4 35.0
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 48.932 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:130 Resp: 136201
Ion Ratio Lower Upper
130 100
95 98.3 0.0 191.6

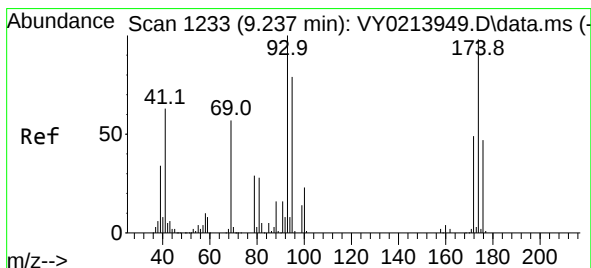
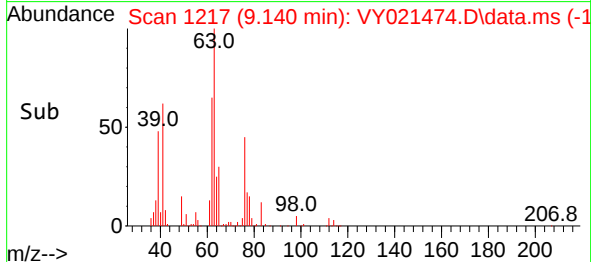
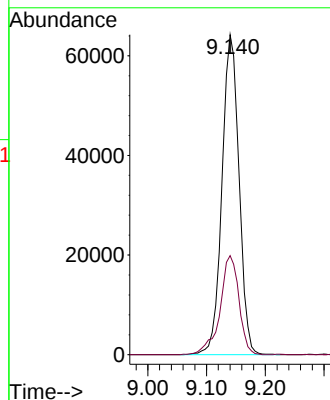
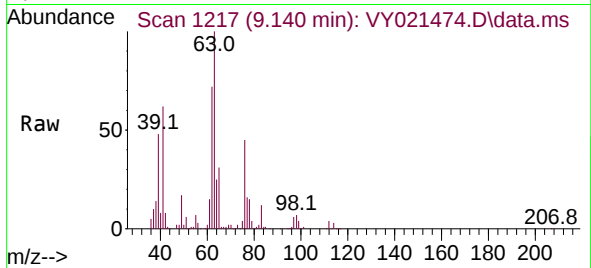




#45
1,2-Dichloropropane
Concen: 49.342 ug/l
RT: 9.140 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

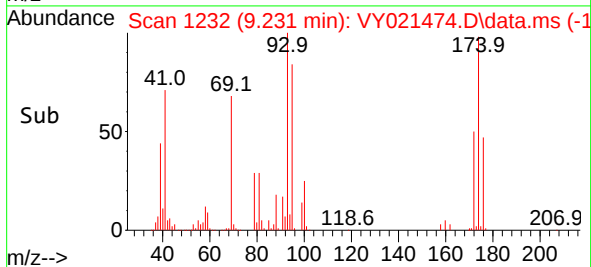
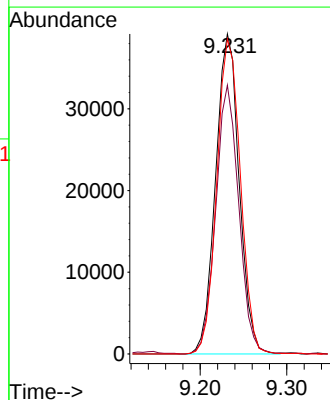
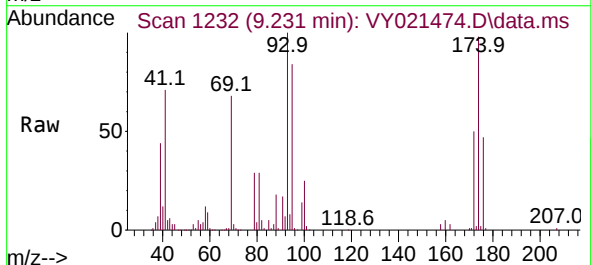
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

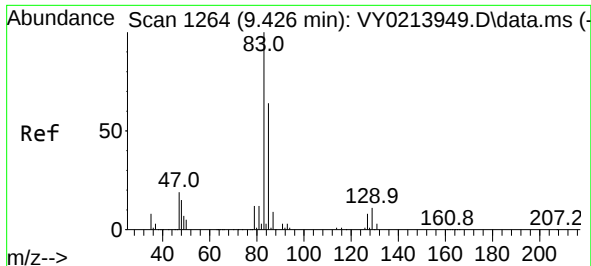
Tgt Ion: 63 Resp: 129356
Ion Ratio Lower Upper
63 100
65 31.0 26.0 39.0



#46
Dibromomethane
Concen: 50.735 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 93 Resp: 74006
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.8
174 98.9 77.9 116.9

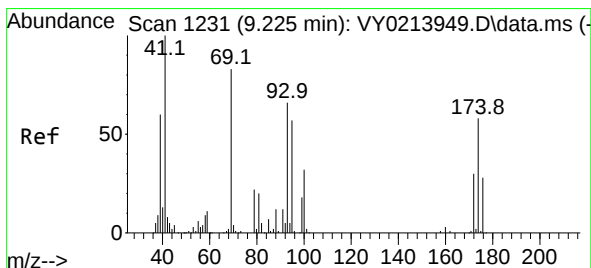
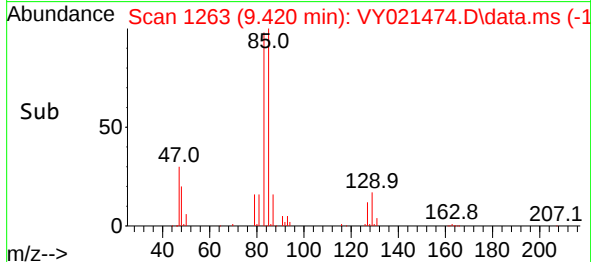
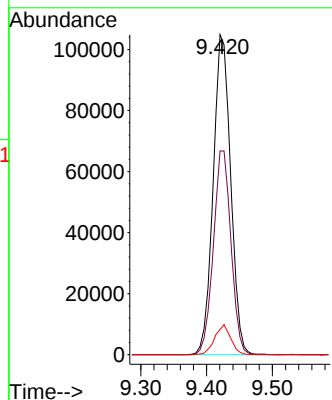
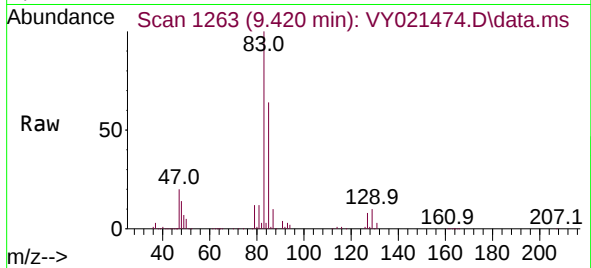




#47
Bromodichloromethane
Concen: 50.133 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

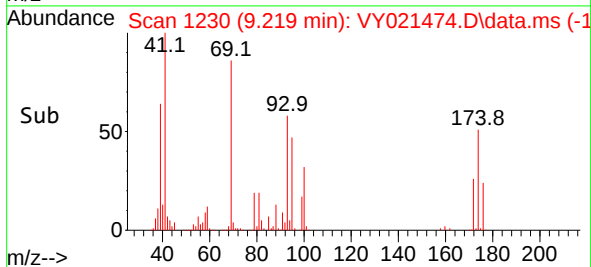
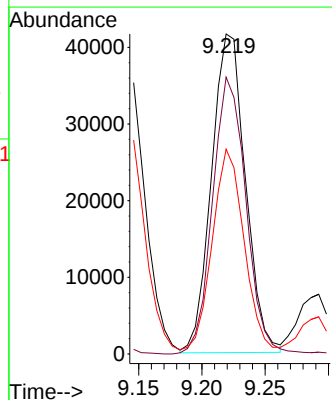
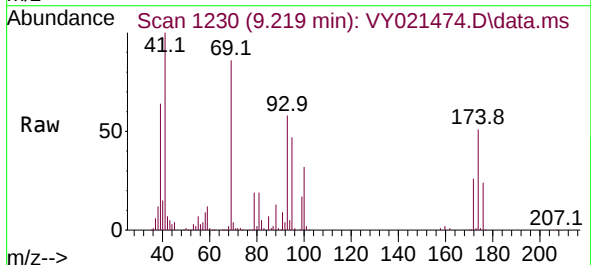
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

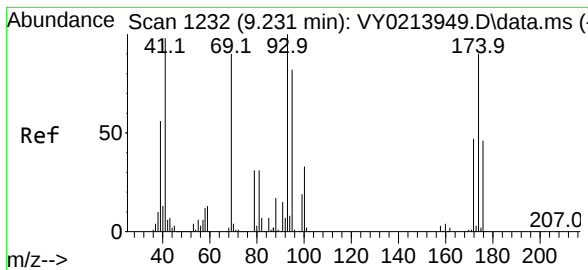
Tgt Ion: 83 Resp: 194205
Ion Ratio Lower Upper
83 100
85 63.6 51.1 76.7
127 7.8 6.7 10.1



#48
Methyl methacrylate
Concen: 52.699 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 41 Resp: 77638
Ion Ratio Lower Upper
41 100
69 85.4 67.8 101.8
39 58.4 46.4 69.6

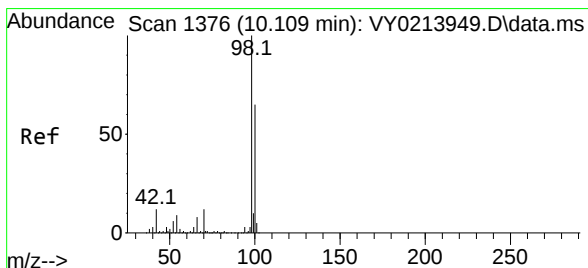
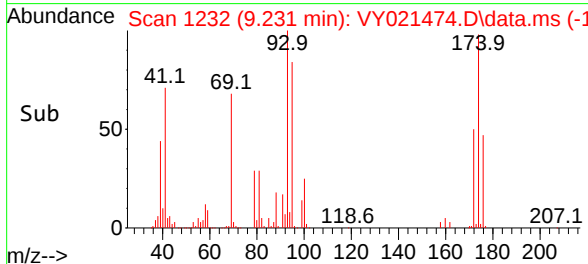
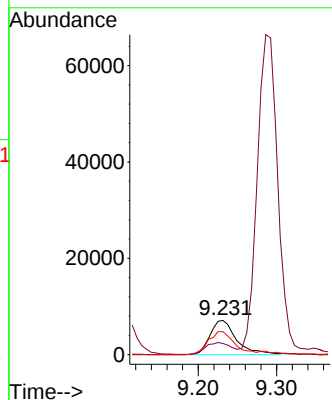
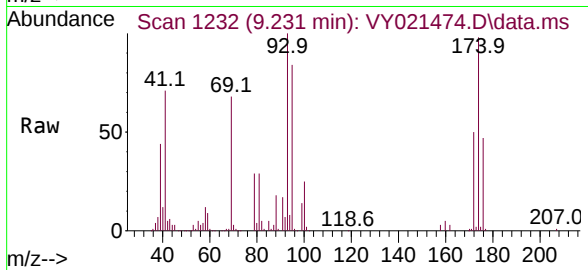




#49
1,4-Dioxane
Concen: 1175.771 ug/l
RT: 9.231 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

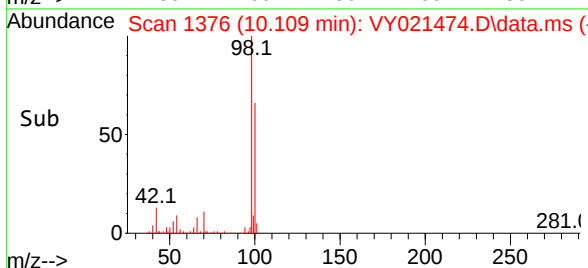
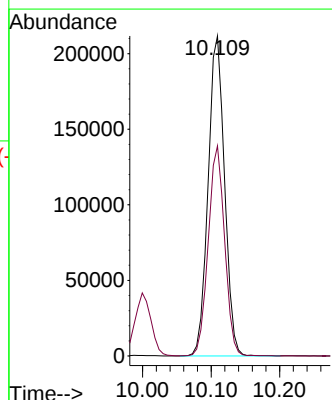
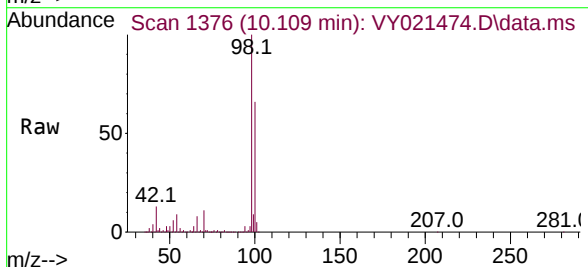
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

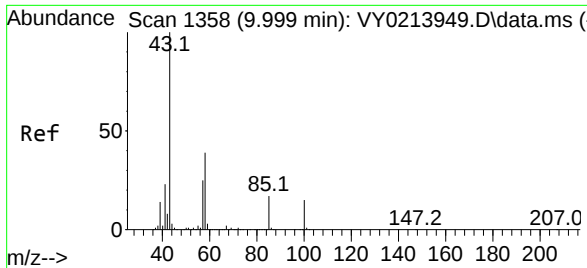
Tgt Ion: 88 Resp: 16834
Ion Ratio Lower Upper
88 100
43 33.0 25.0 37.4
58 66.4 58.4 87.6



#50
Toluene-d8
Concen: 39.006 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 98 Resp: 352803
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

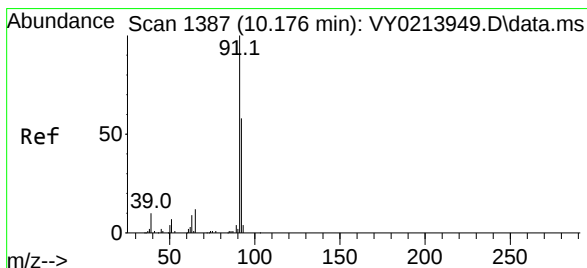
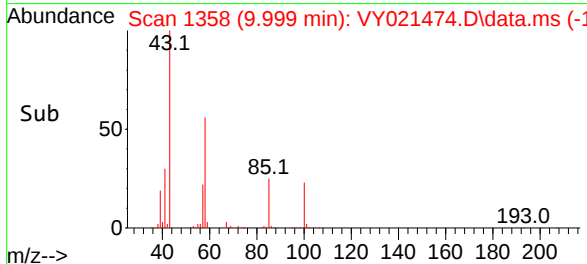
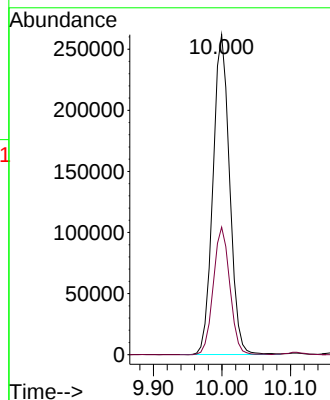
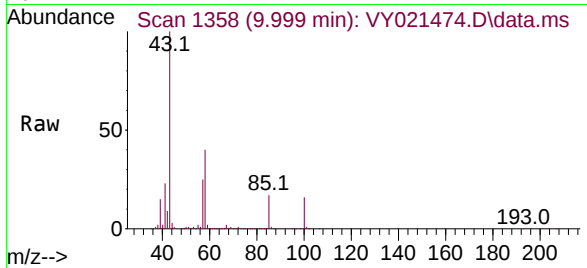




#51
4-Methyl-2-Pentanone
Concen: 267.090 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

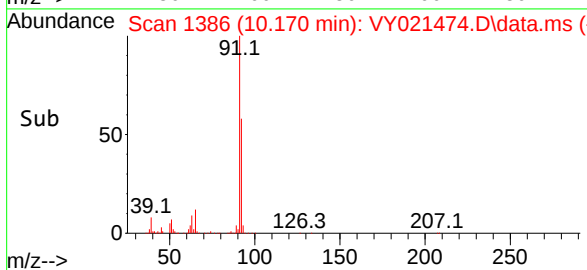
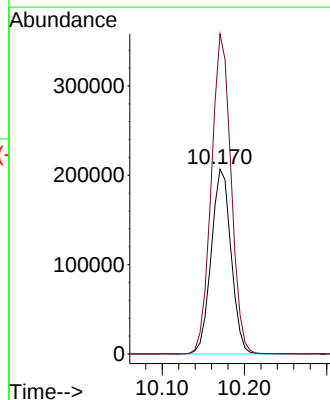
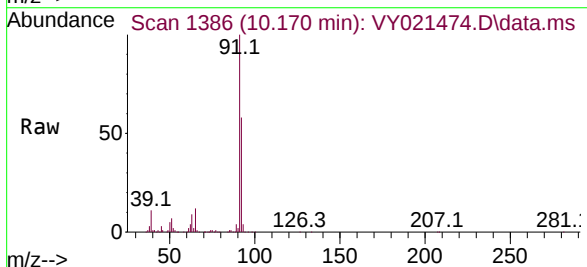
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

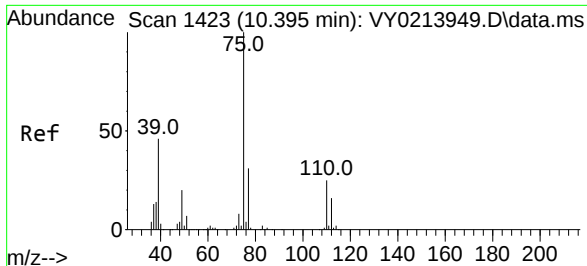
Tgt Ion: 43 Resp: 442138
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2



#52
Toluene
Concen: 49.929 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 92 Resp: 346735
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 51.607 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

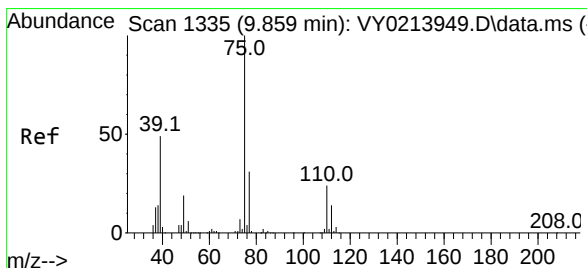
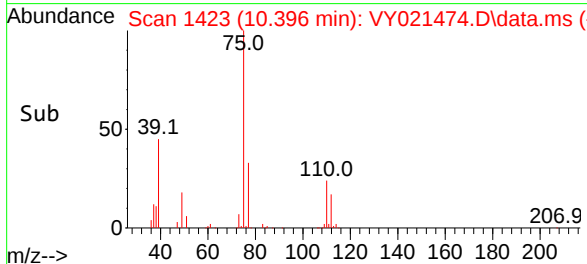
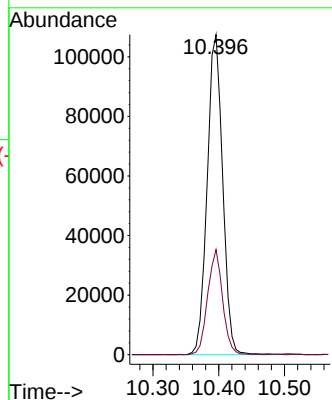
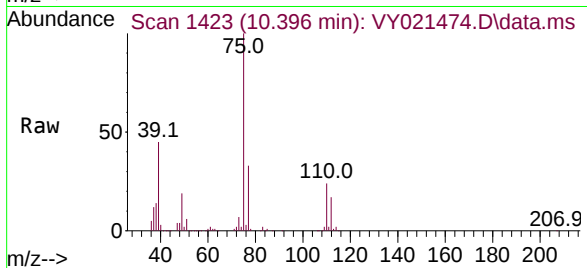
VSTDCCC050

Tgt Ion: 75 Resp: 176129

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.373 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

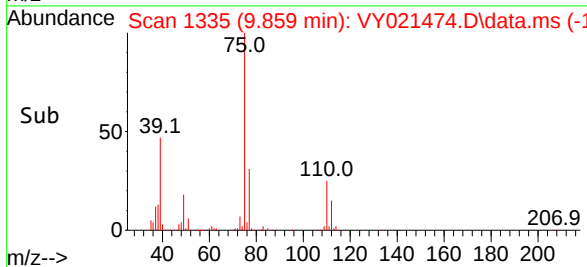
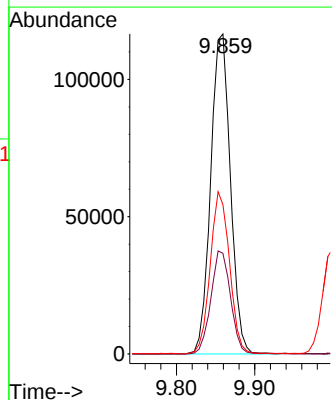
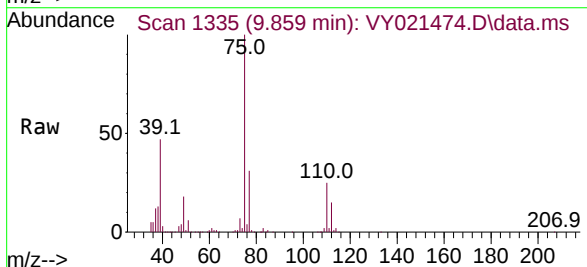
Tgt Ion: 75 Resp: 204113

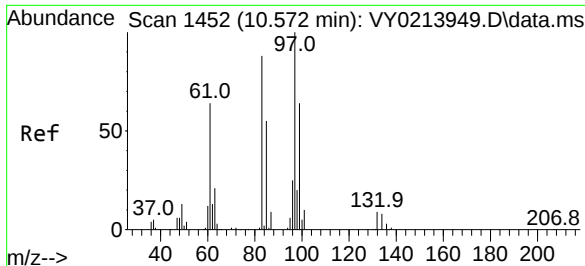
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 46.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 51.085 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 97475

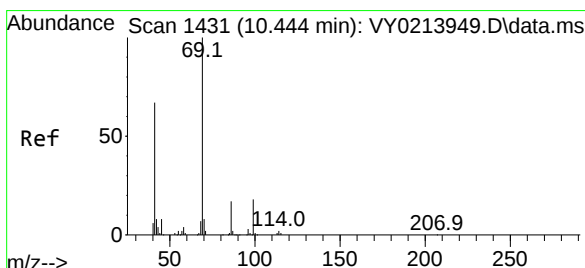
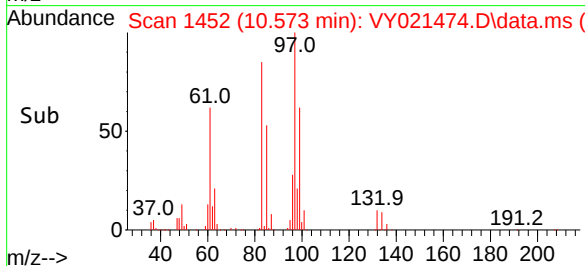
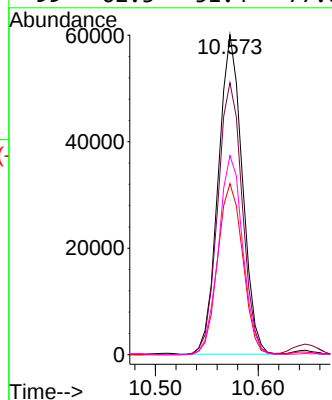
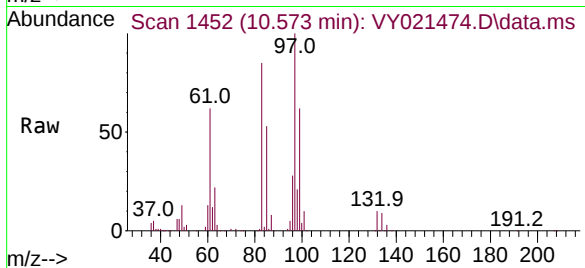
Ion Ratio Lower Upper

97 100

83 85.1 70.0 105.0

85 53.5 44.3 66.5

99 62.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 53.976 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

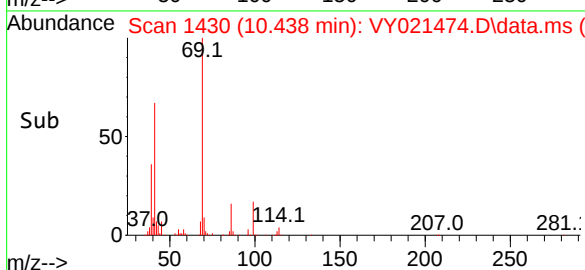
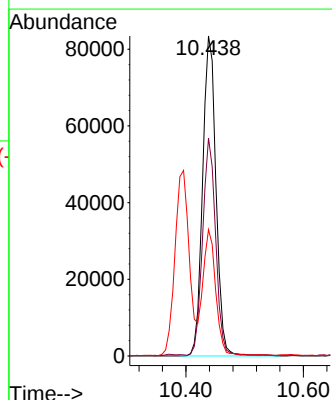
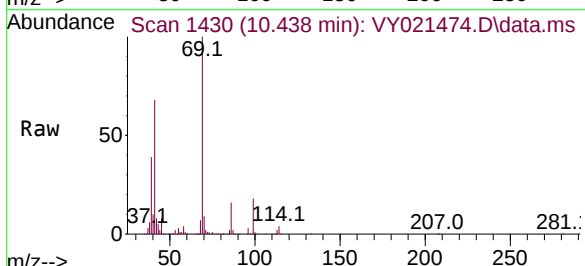
Tgt Ion: 69 Resp: 131351

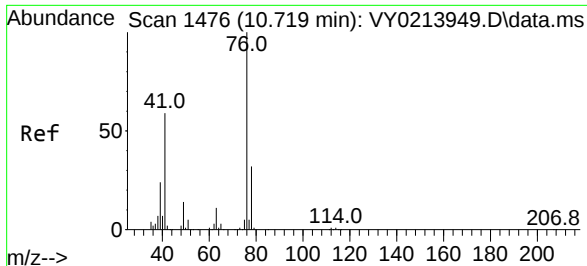
Ion Ratio Lower Upper

69 100

41 66.0 53.3 79.9

39 36.9 31.0 46.6





#57

1,3-Dichloropropane

Concen: 51.054 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

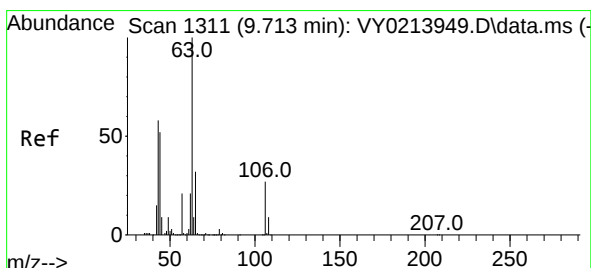
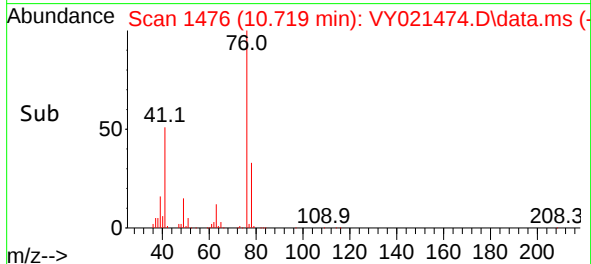
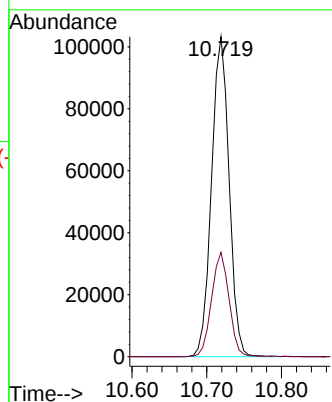
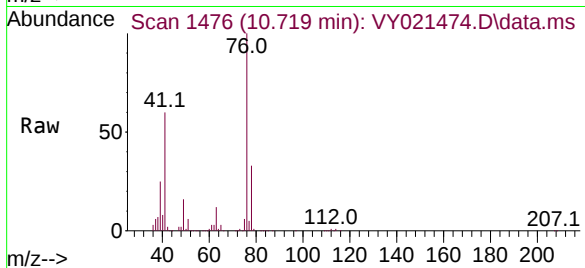
VSTDCCC050

Tgt Ion: 76 Resp: 168838

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 277.699 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021474.D

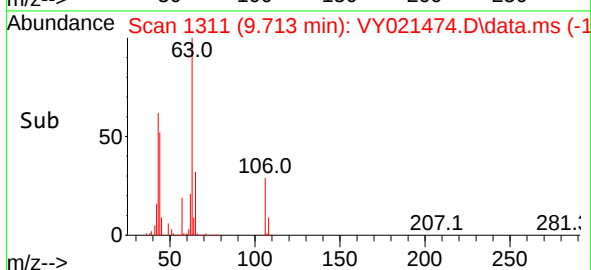
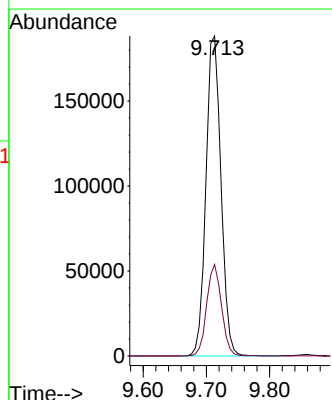
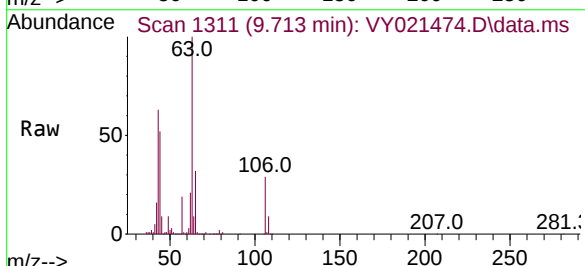
Acq: 11 Mar 2025 09:42

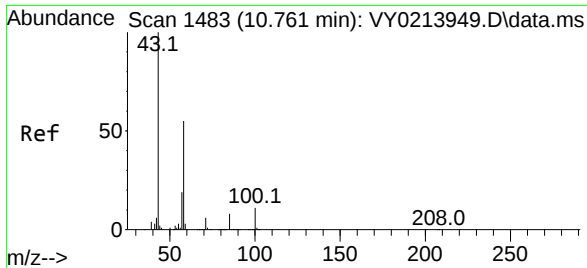
Tgt Ion: 63 Resp: 311957

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

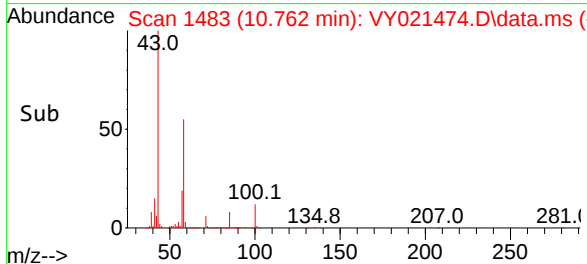
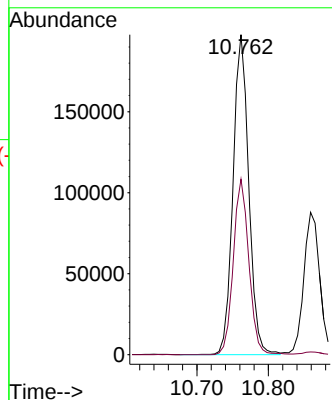
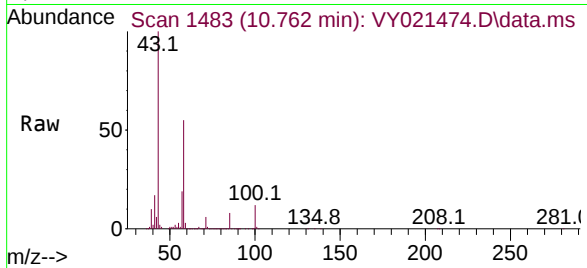




#59
2-Hexanone
Concen: 274.788 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

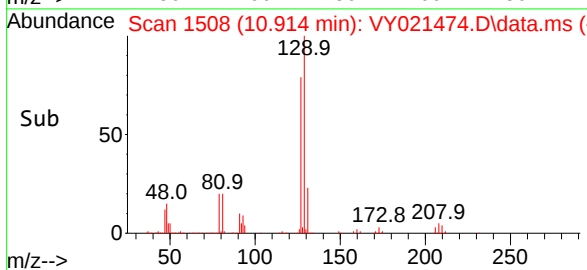
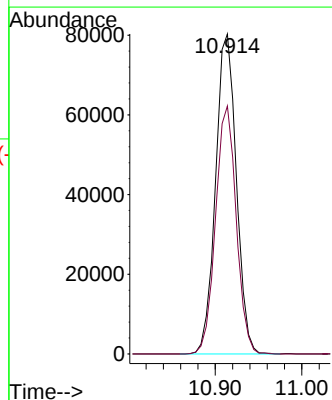
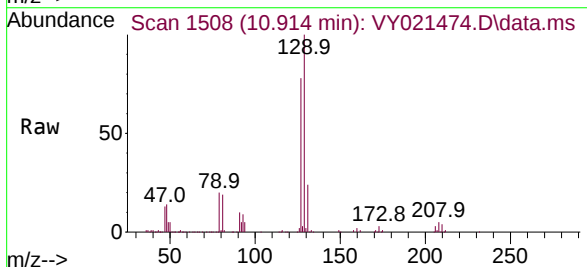
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

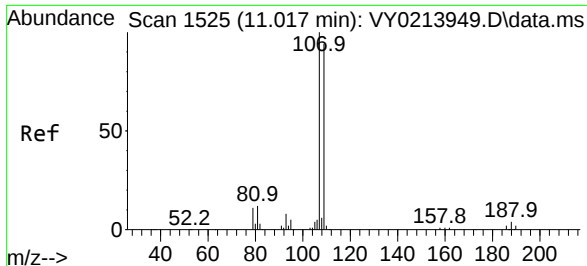
Tgt Ion: 43 Resp: 300779
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8



#60
Dibromochloromethane
Concen: 51.071 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 129 Resp: 133595
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

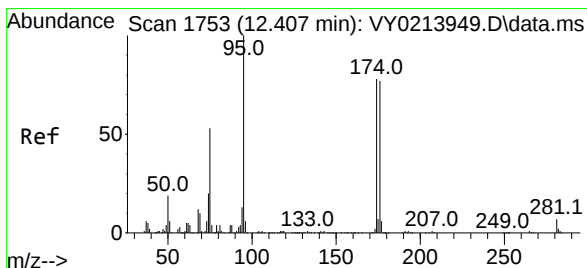
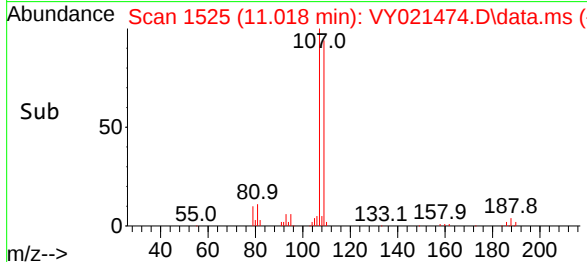
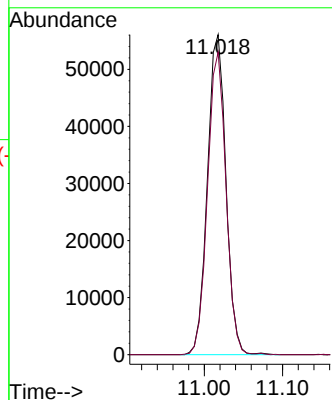
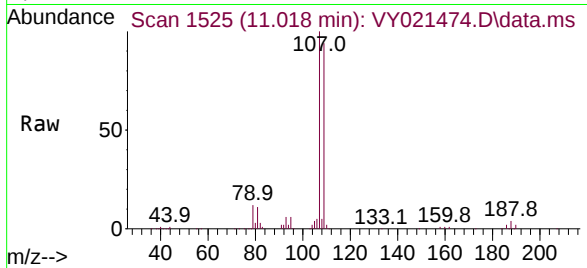




#61
1,2-Dibromoethane
Concen: 51.119 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

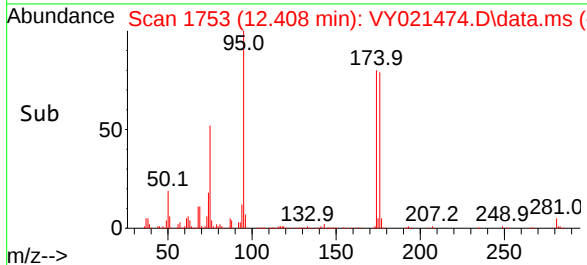
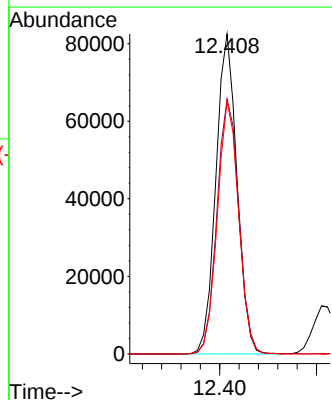
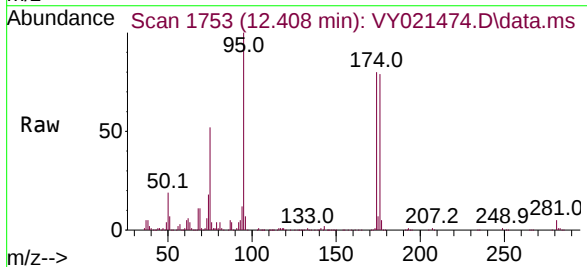
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

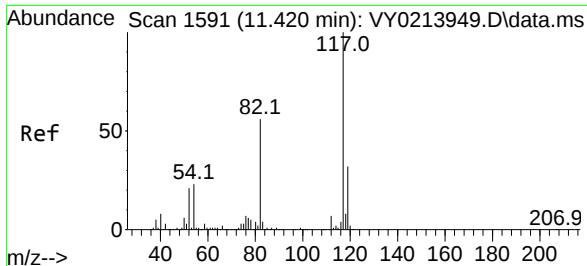
Tgt Ion:107 Resp: 92057
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 40.403 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 95 Resp: 124309
Ion Ratio Lower Upper
95 100
174 83.1 0.0 165.0
176 79.7 0.0 160.0

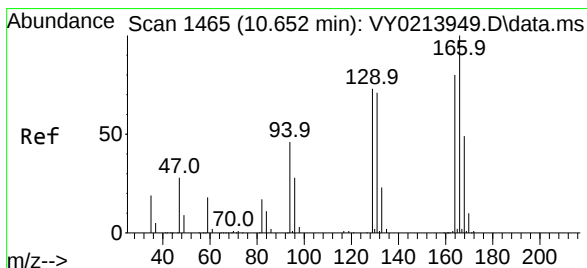
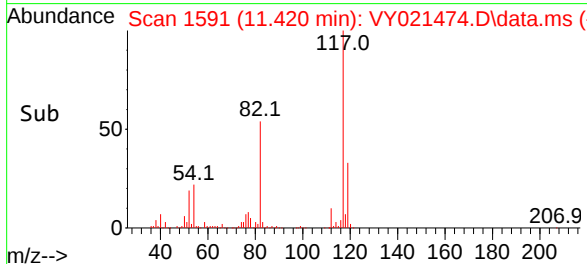
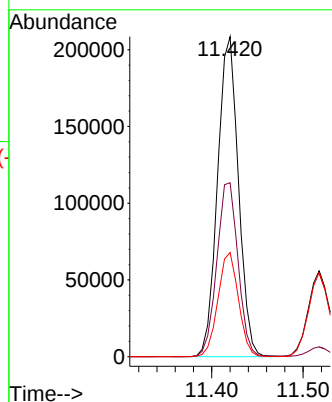
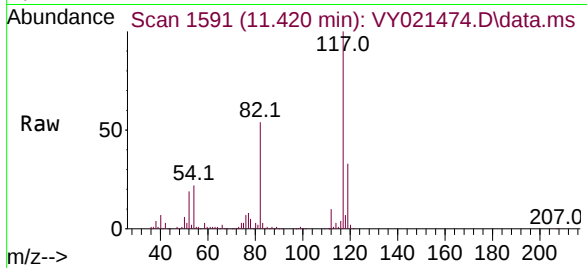




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

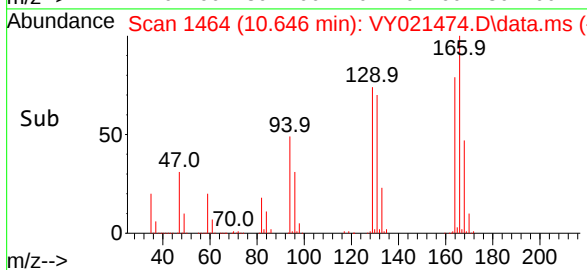
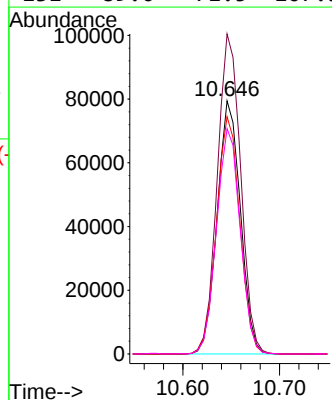
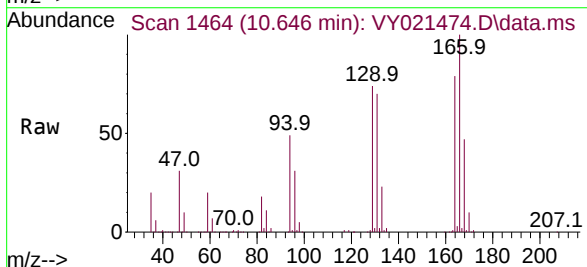
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

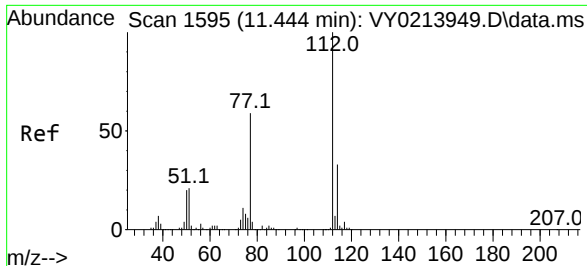
Tgt Ion:117 Resp: 331214
Ion Ratio Lower Upper
117 100
82 54.3 44.6 67.0
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 49.184 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:164 Resp: 132468
Ion Ratio Lower Upper
164 100
166 126.4 100.4 150.6
129 93.8 73.8 110.8
131 89.0 71.5 107.3

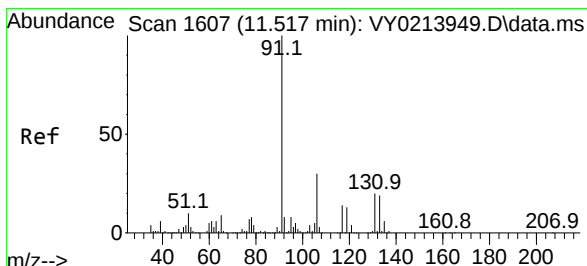
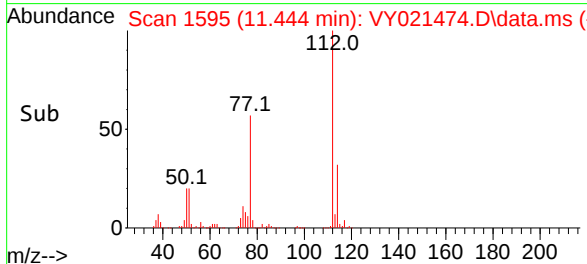
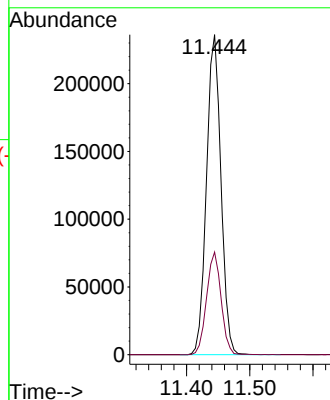
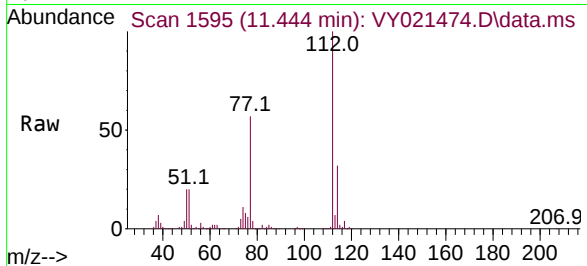




#65
Chlorobenzene
Concen: 47.990 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

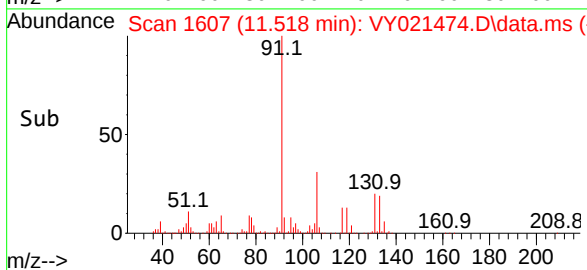
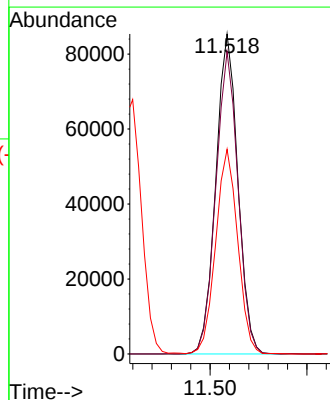
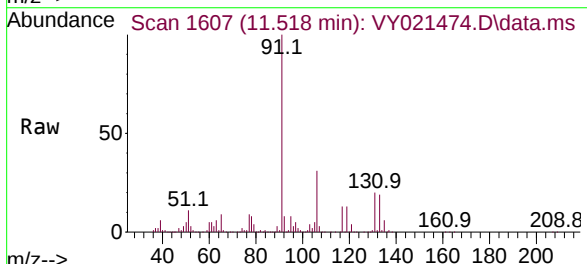
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

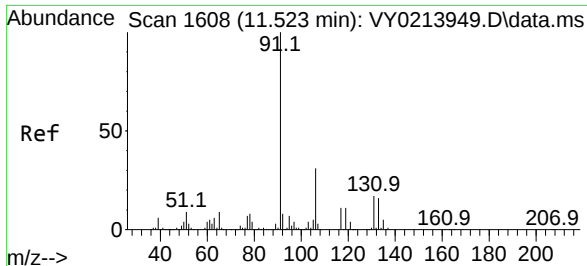
Tgt Ion:112 Resp: 375353
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.937 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:131 Resp: 135325
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.9 32.3 96.9





#67

Ethyl Benzene

Concen: 49.057 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

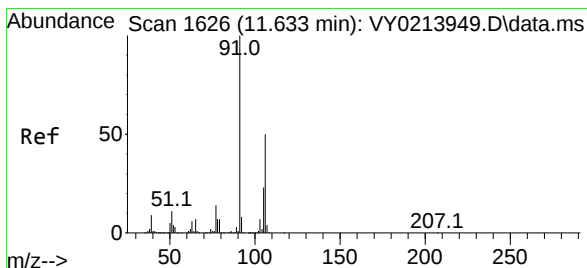
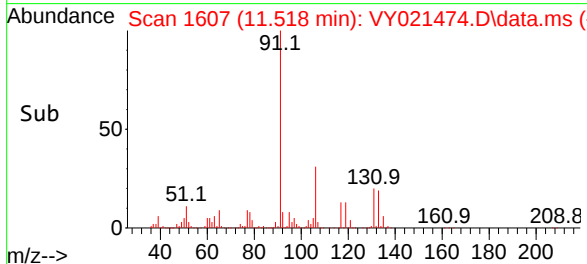
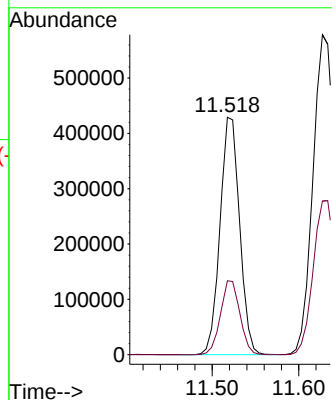
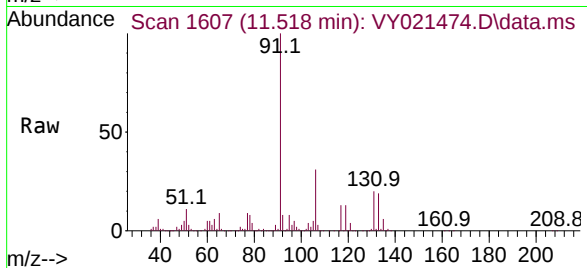
VSTDCCC050

Tgt Ion: 91 Resp: 673462

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 98.518 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021474.D

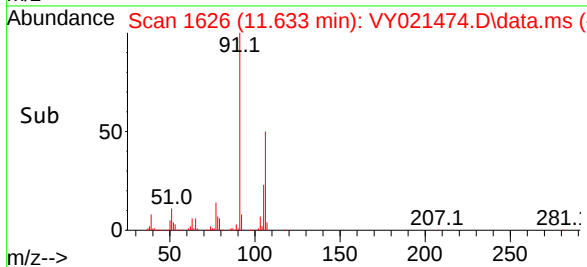
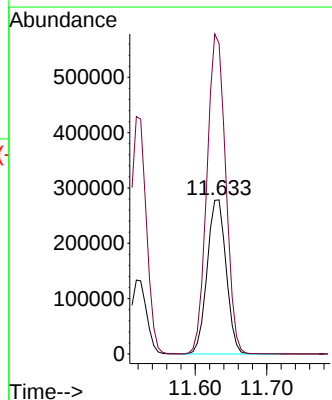
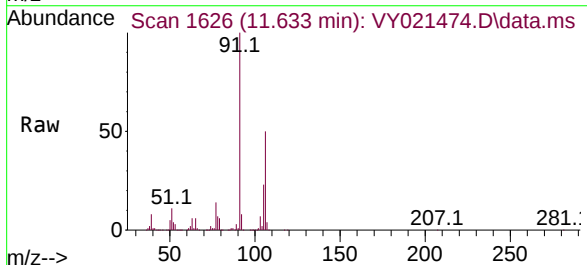
Acq: 11 Mar 2025 09:42

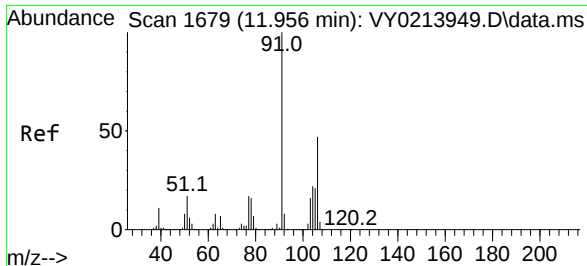
Tgt Ion:106 Resp: 513472

Ion Ratio Lower Upper

106 100

91 205.0 161.7 242.5

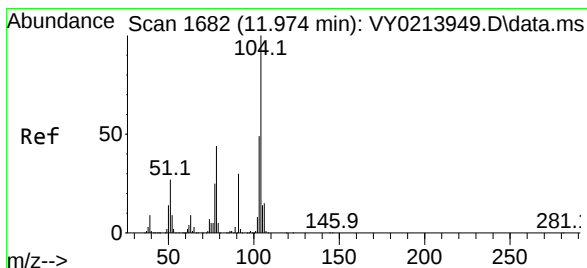
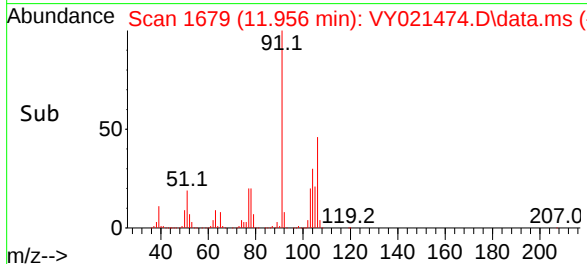
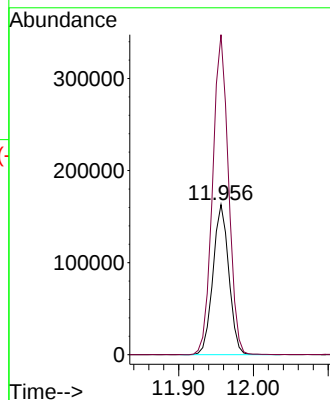
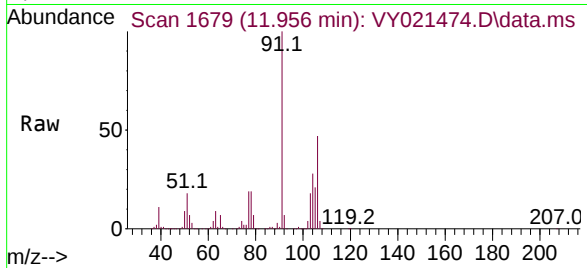




#69
o-Xylene
Concen: 50.116 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

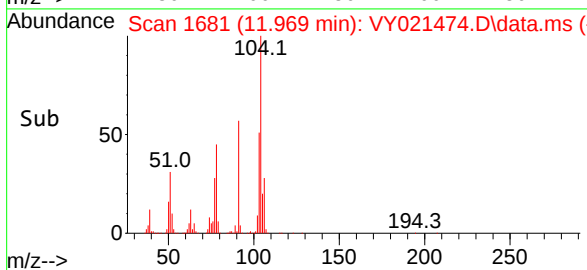
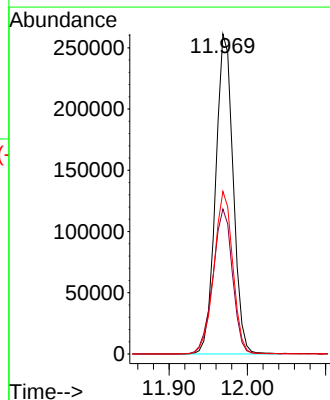
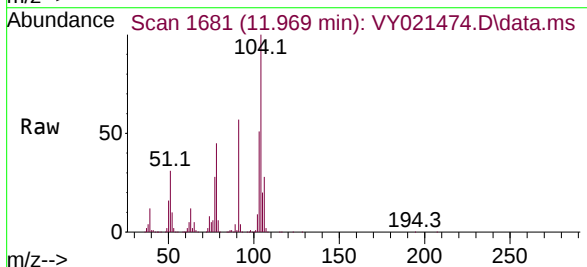
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

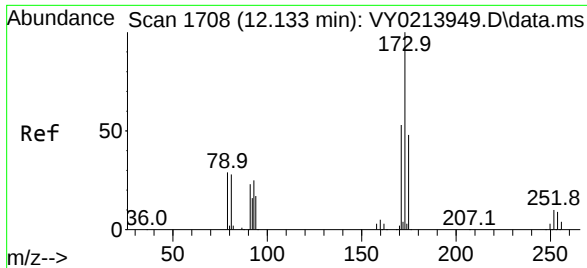
Tgt Ion:106 Resp: 240732
Ion Ratio Lower Upper
106 100
91 213.2 107.6 322.8



#70
Styrene
Concen: 51.002 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:104 Resp: 406424
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 54.7 44.1 66.1

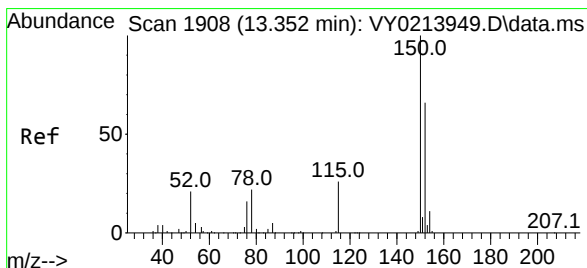
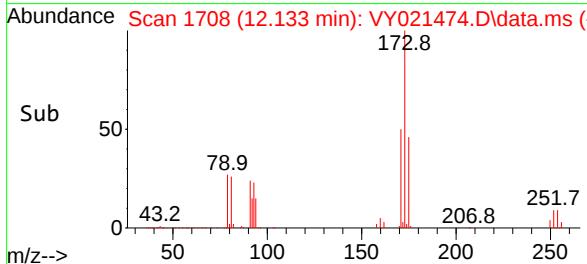
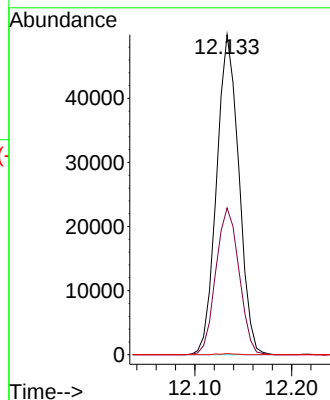
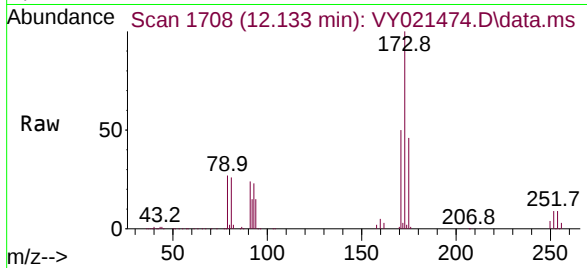




#71
Bromoform
Concen: 51.617 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

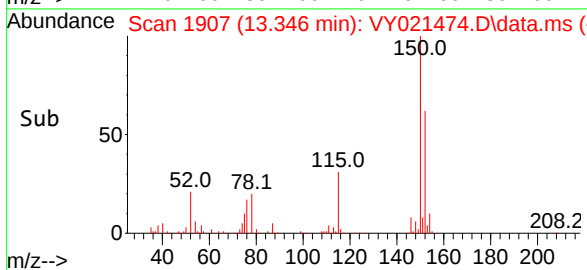
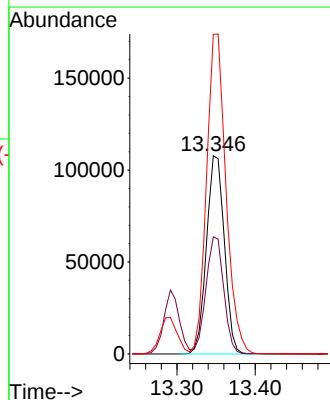
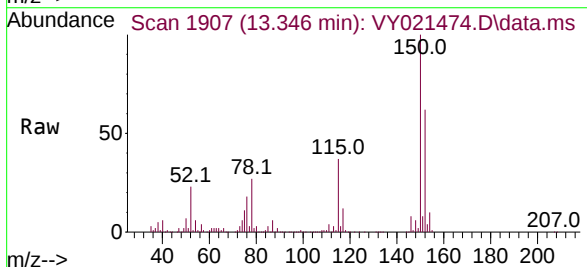
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

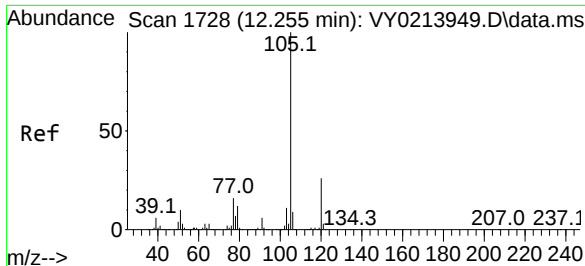
Tgt Ion:173 Resp: 79790
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:152 Resp: 170654
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 175.3 0.0 347.2

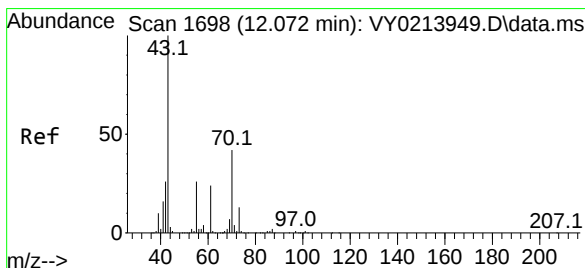
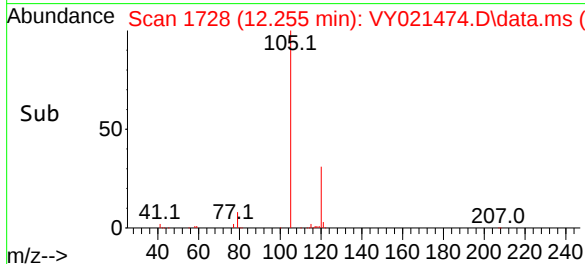
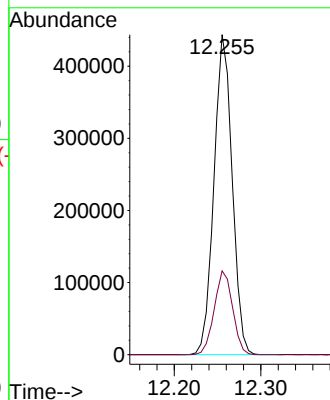
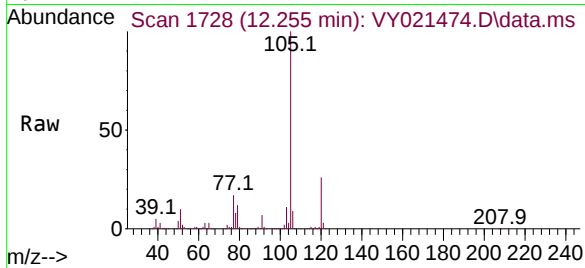




#73
Isopropylbenzene
Concen: 48.180 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

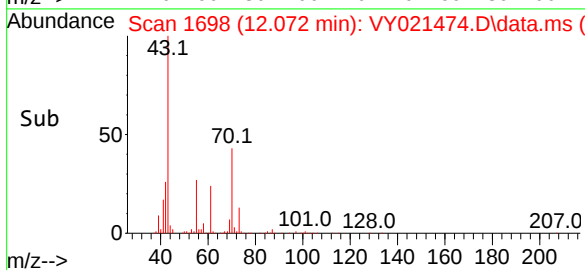
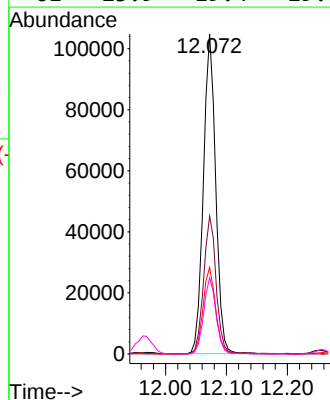
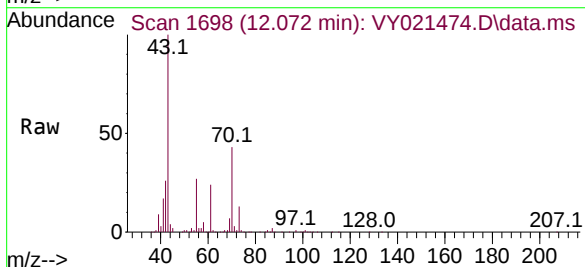
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

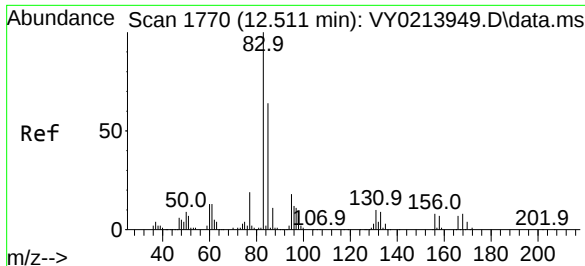
Tgt Ion:105 Resp: 647673
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 50.434 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 43 Resp: 147238
Ion Ratio Lower Upper
43 100
70 43.9 34.6 51.8
55 27.7 21.1 31.7
61 23.9 19.4 29.0

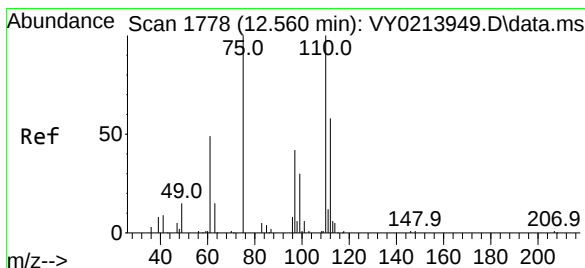
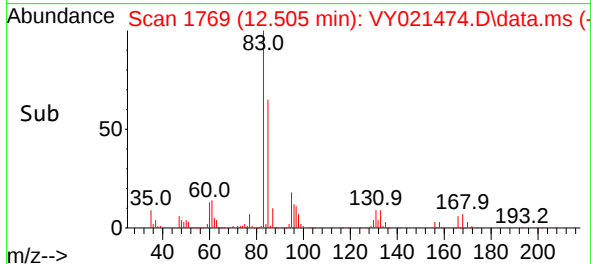
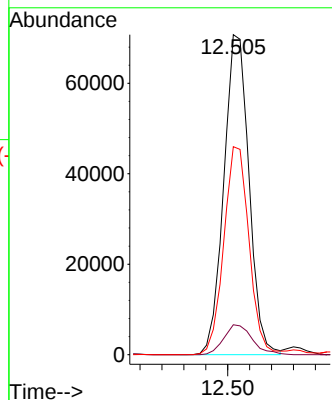
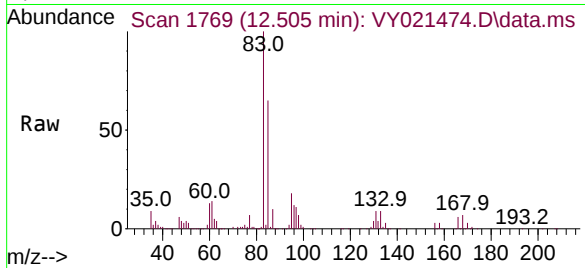




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.586 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

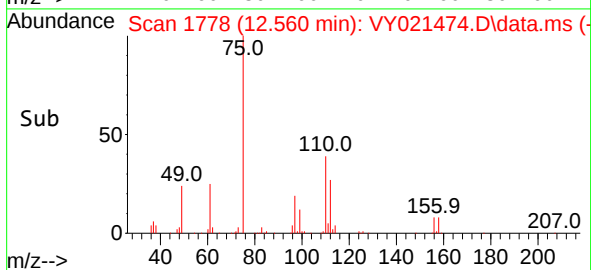
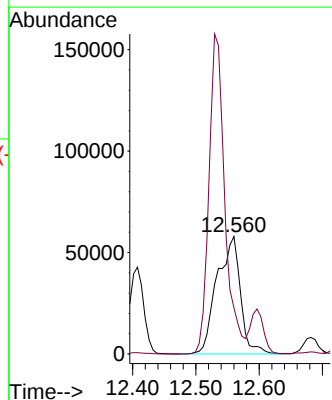
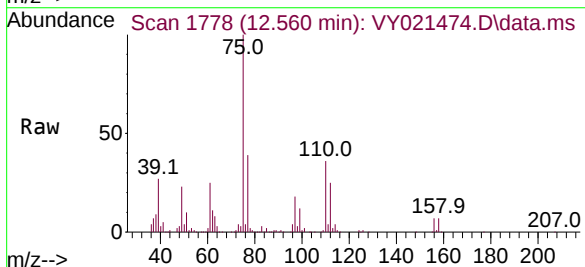
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

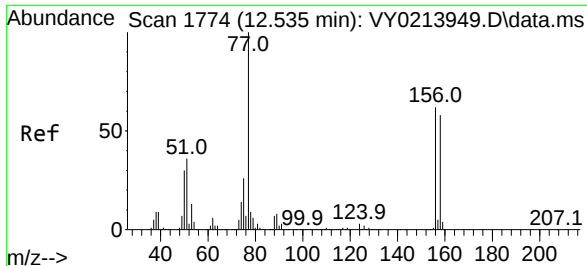
Tgt Ion: 83 Resp: 112883
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 65.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 86.699 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion: 75 Resp: 149093
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

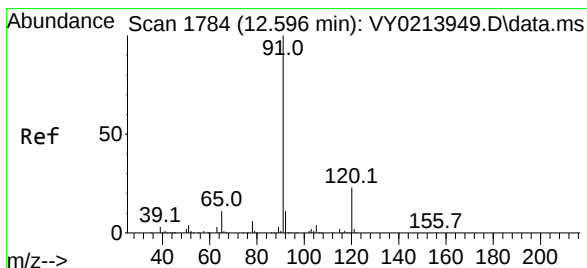
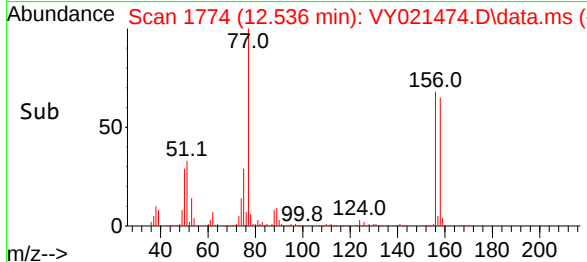
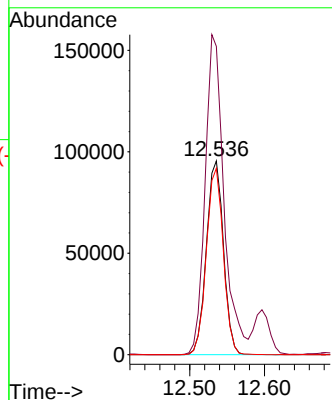
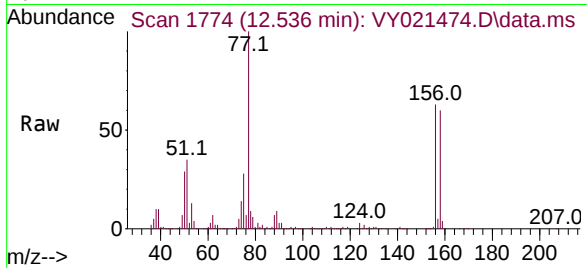




#77
Bromobenzene
Concen: 48.241 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

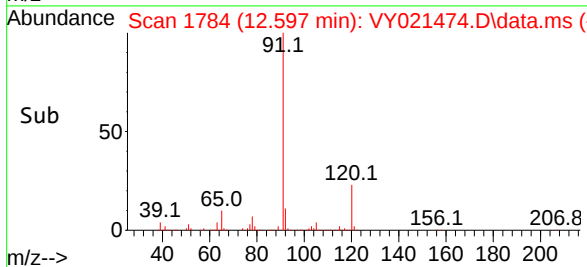
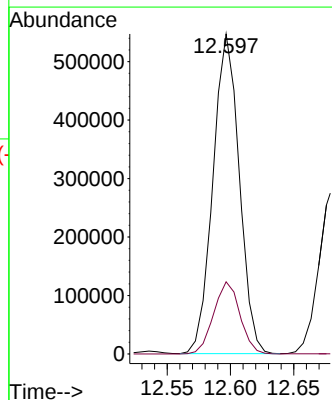
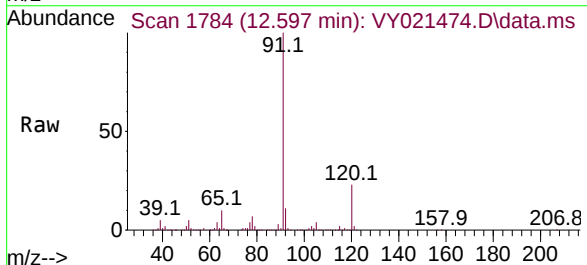
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

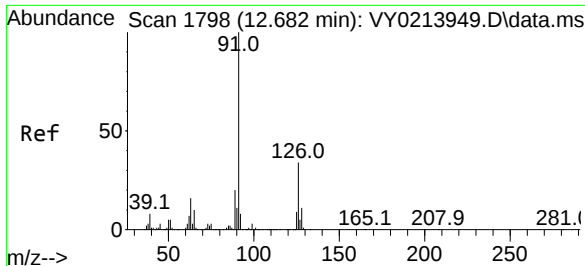
Tgt Ion:156 Resp: 151714
Ion Ratio Lower Upper
156 100
77 182.3 93.6 280.8
158 95.6 48.3 144.8



#78
n-propylbenzene
Concen: 48.420 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 91 Resp: 790513
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.664 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

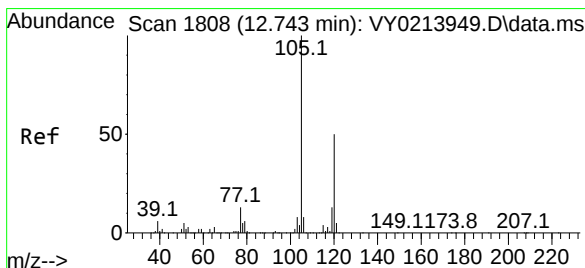
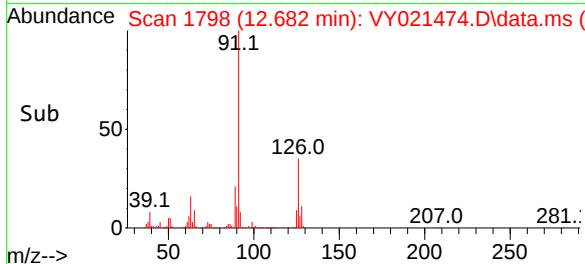
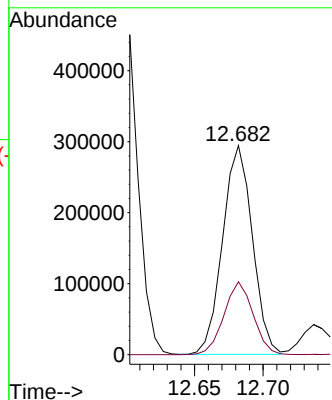
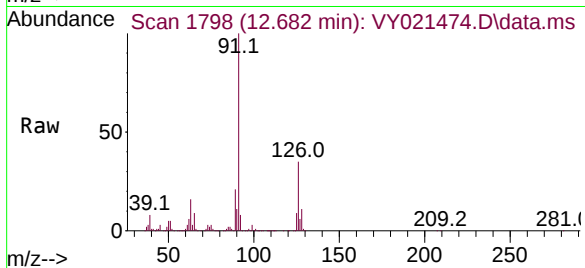
VSTDCCC050

Tgt Ion: 91 Resp: 444946

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 49.127 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021474.D

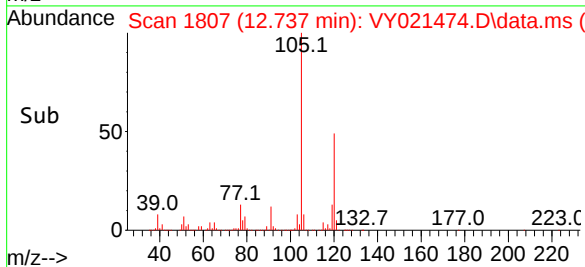
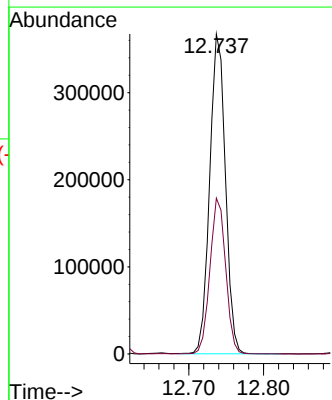
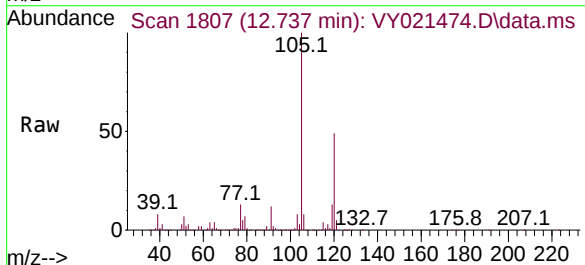
Acq: 11 Mar 2025 09:42

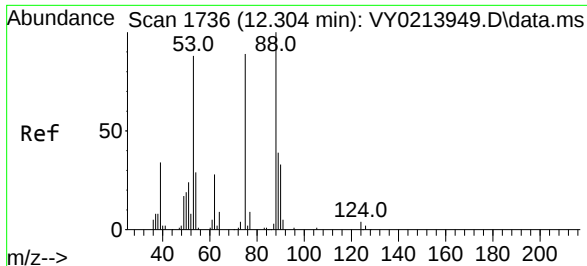
Tgt Ion: 105 Resp: 536685

Ion Ratio Lower Upper

105 100

120 48.6 24.6 73.6

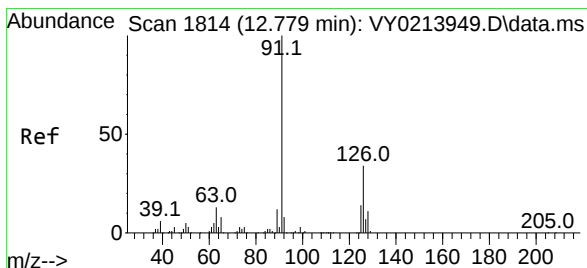
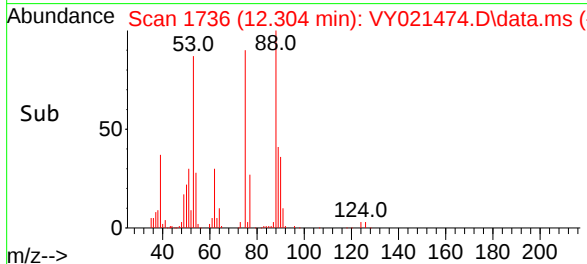
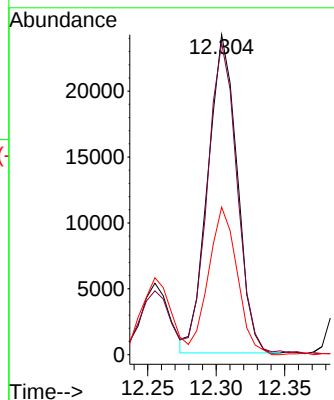
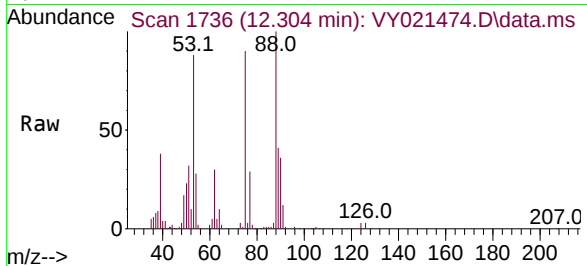




#81
trans-1,4-Dichloro-2-butene
Concen: 47.453 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

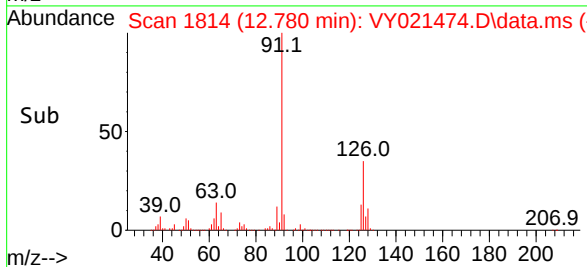
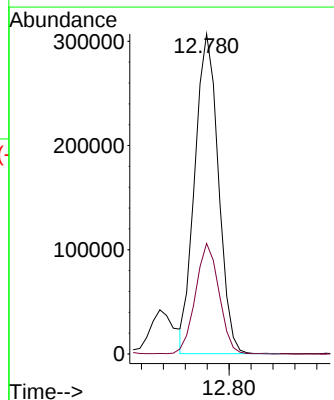
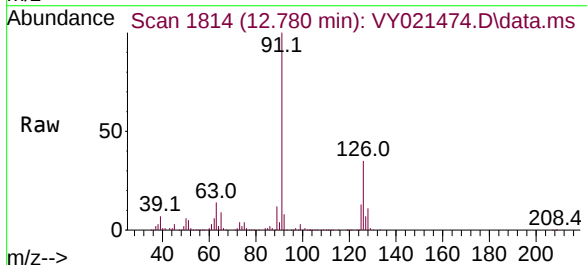
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

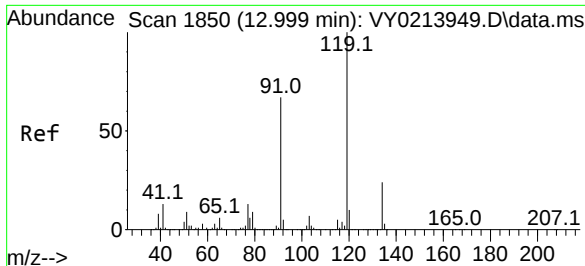
Tgt Ion: 75 Resp: 35896
Ion Ratio Lower Upper
75 100
53 99.7 81.0 121.4
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.377 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion: 91 Resp: 457984
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0

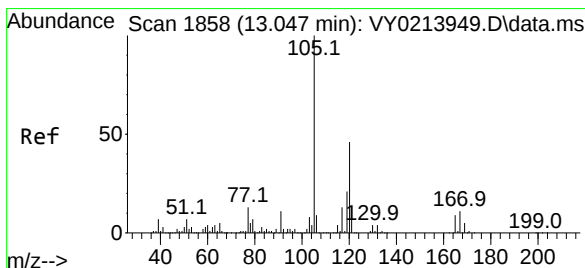
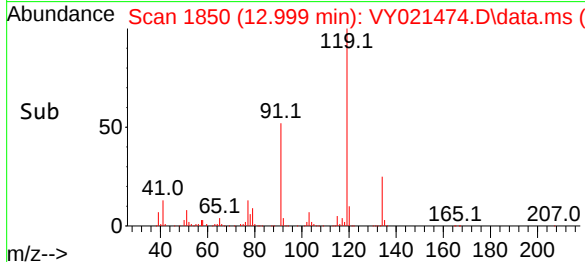
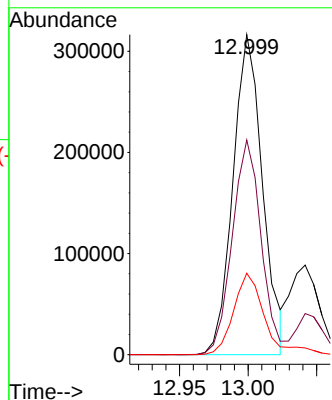
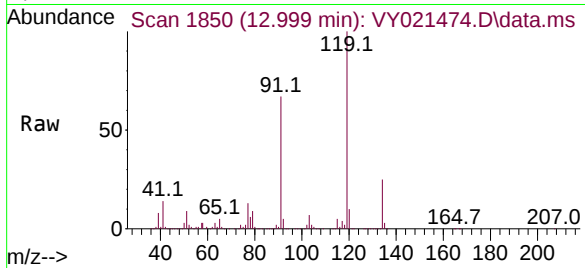




#83
 tert-Butylbenzene
 Concen: 48.707 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

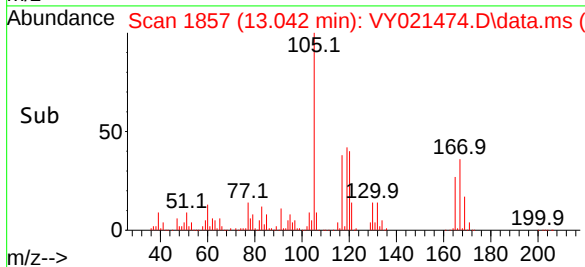
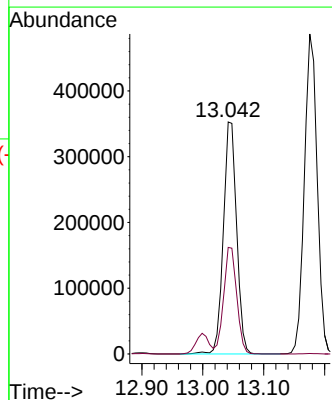
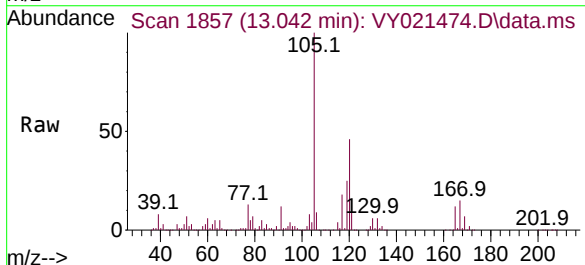
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

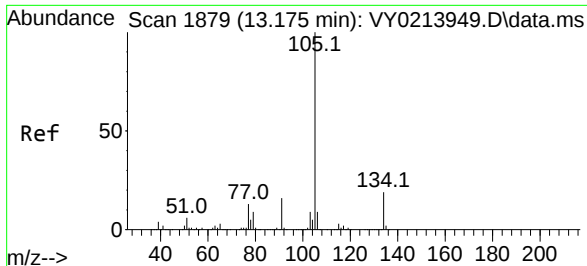
Tgt Ion:119 Resp: 474686
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.2 99.6
 134 26.8 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.160 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion:105 Resp: 533222
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.7 68.1

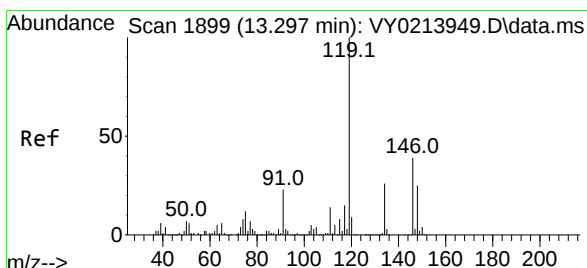
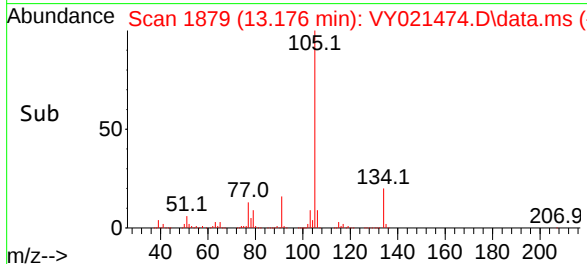
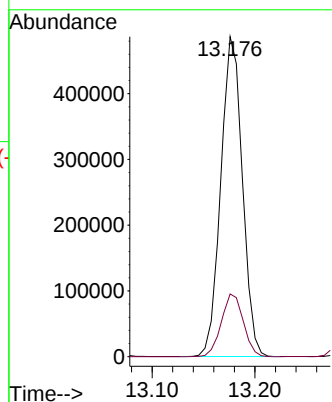
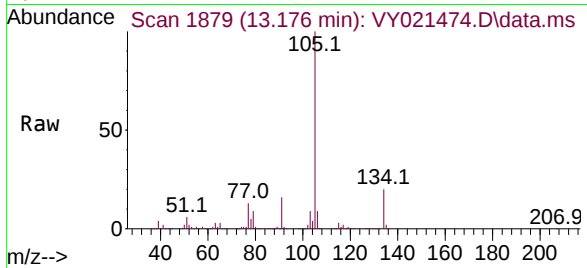




#85
 sec-Butylbenzene
 Concen: 48.819 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

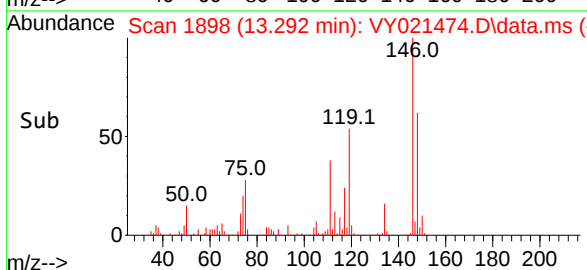
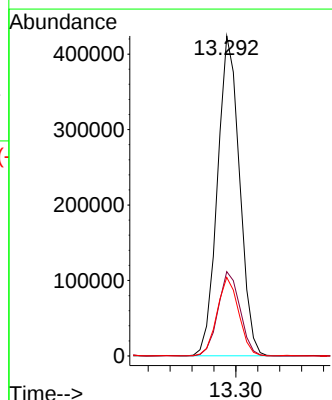
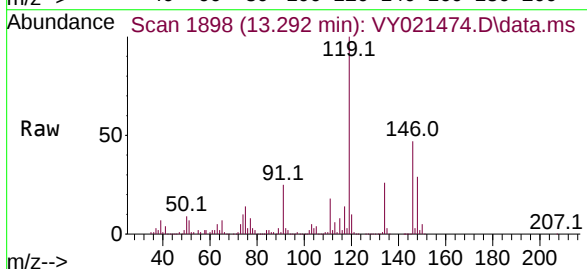
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

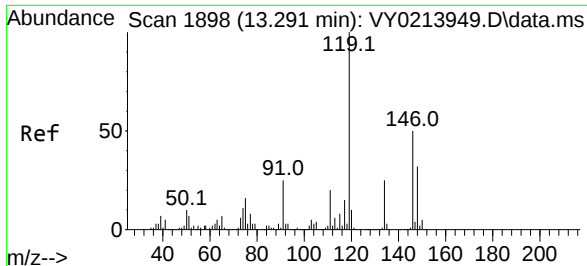
Tgt Ion:105 Resp: 707877
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.646 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion:119 Resp: 593071
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 47.610 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

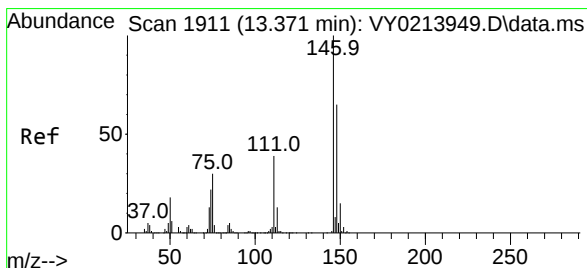
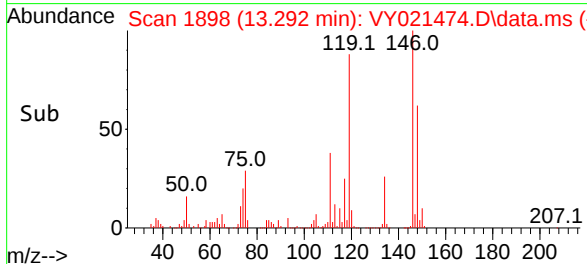
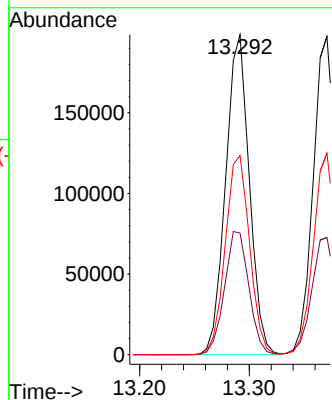
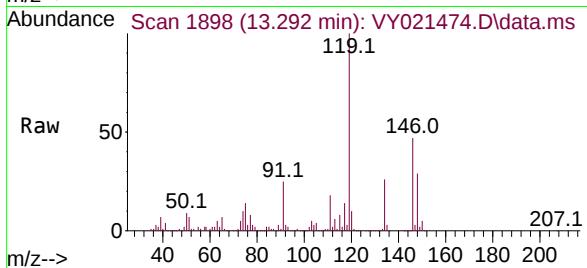
Tgt Ion:146 Resp: 298049

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 64.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 48.018 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

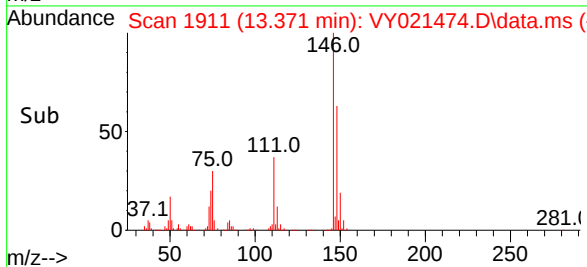
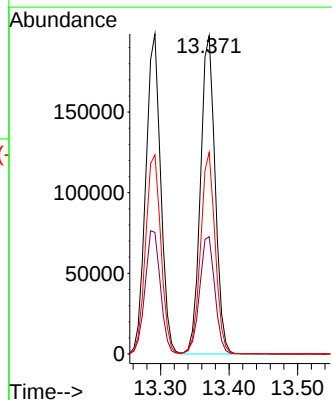
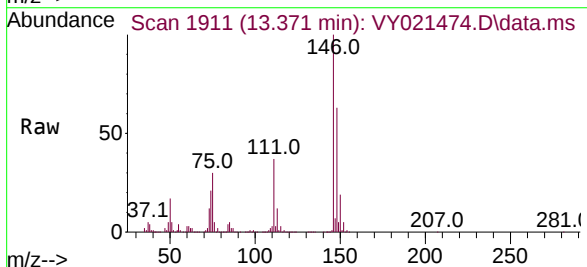
Tgt Ion:146 Resp: 293985

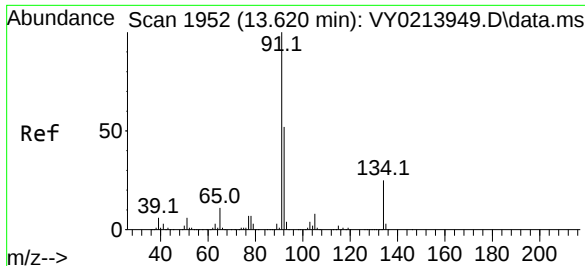
Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.8

148 63.1 32.3 96.8





#89

n-Butylbenzene

Concen: 50.082 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

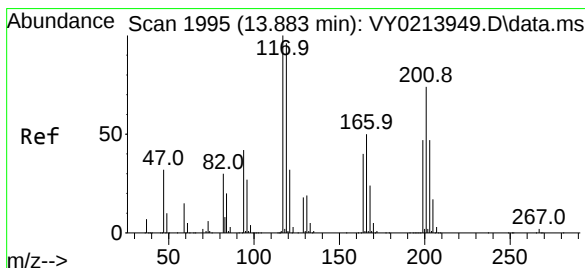
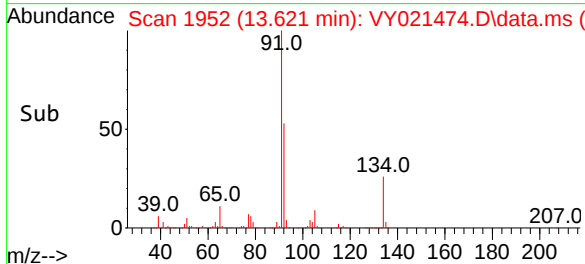
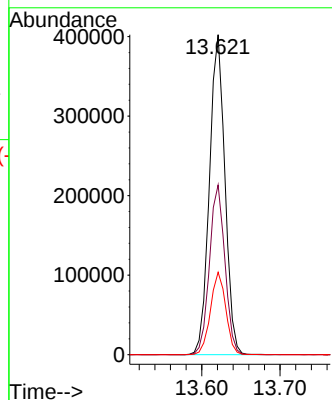
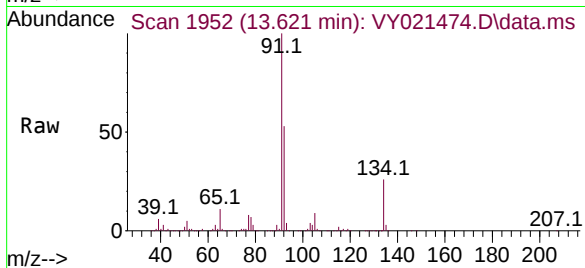
Tgt Ion: 91 Resp: 552449

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 47.280 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021474.D

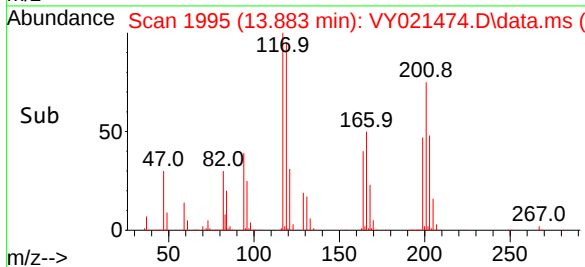
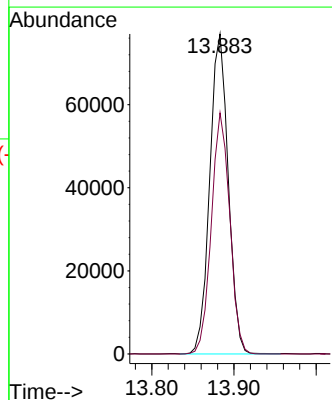
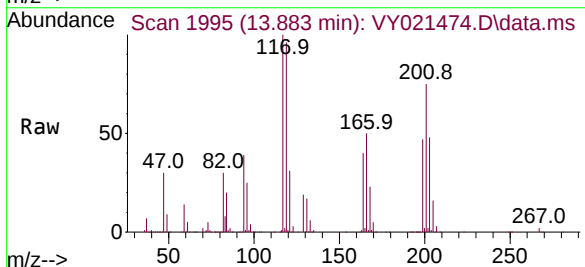
Acq: 11 Mar 2025 09:42

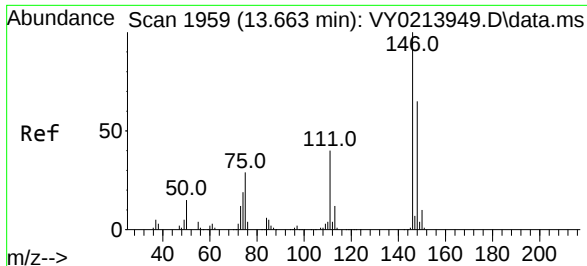
Tgt Ion: 117 Resp: 120490

Ion Ratio Lower Upper

117 100

201 74.9 37.4 112.2

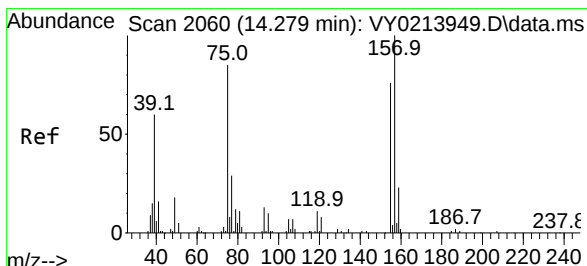
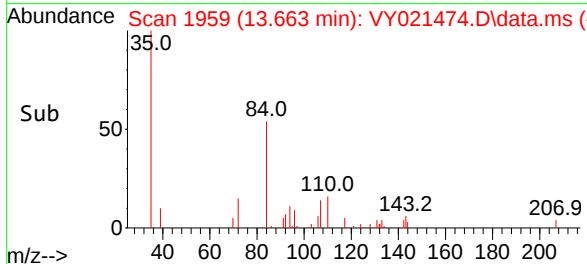
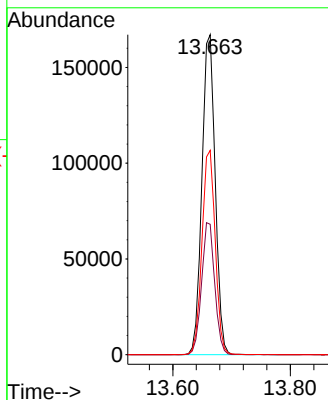
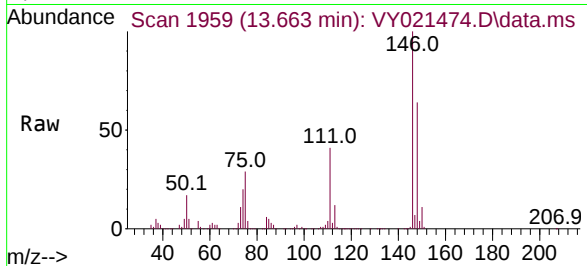




#91
 1,2-Dichlorobenzene
 Concen: 48.823 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

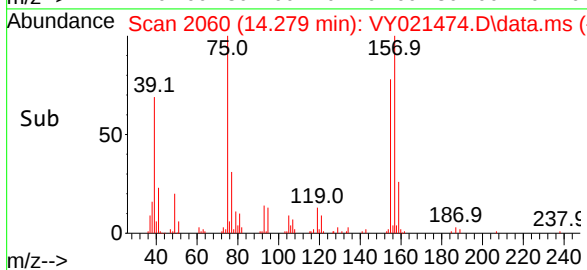
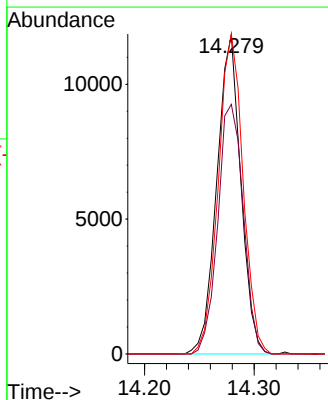
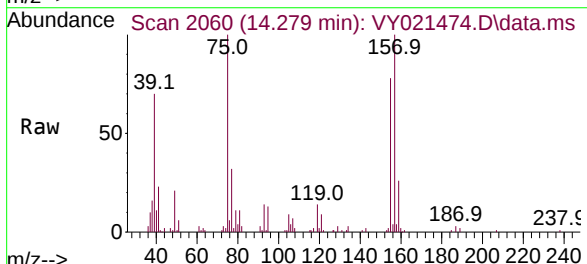
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

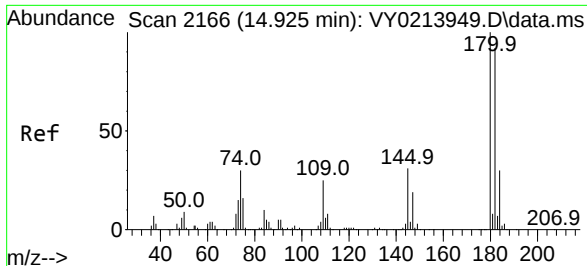
Tgt Ion:146 Resp: 261963
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.7 62.1
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.503 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021474.D
 Acq: 11 Mar 2025 09:42

Tgt Ion: 75 Resp: 17946
 Ion Ratio Lower Upper
 75 100
 155 83.3 43.5 130.5
 157 103.8 54.4 163.2





#93

1,2,4-Trichlorobenzene

Concen: 53.321 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

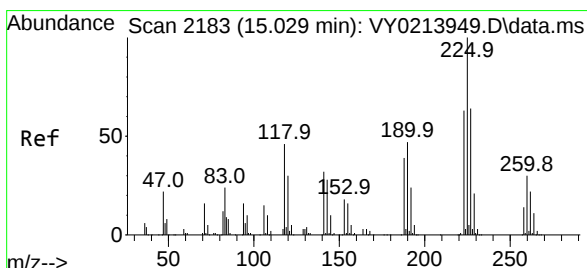
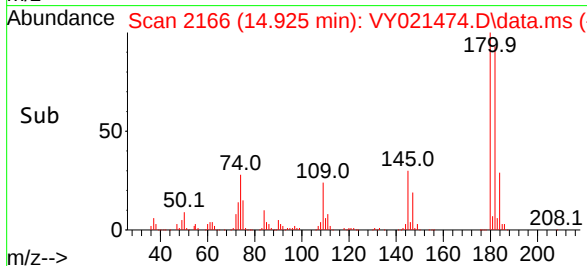
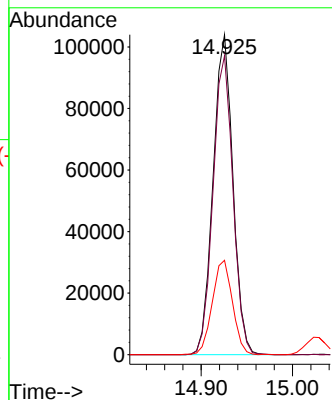
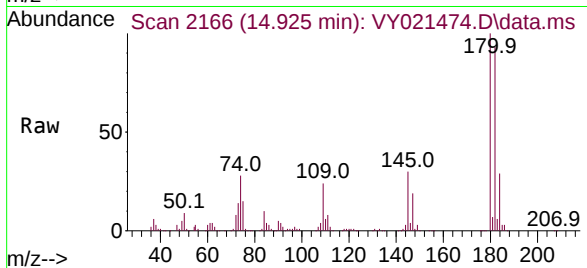
Tgt Ion:180 Resp: 156265

Ion Ratio Lower Upper

180 100

182 93.8 46.7 140.0

145 30.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 50.750 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021474.D

Acq: 11 Mar 2025 09:42

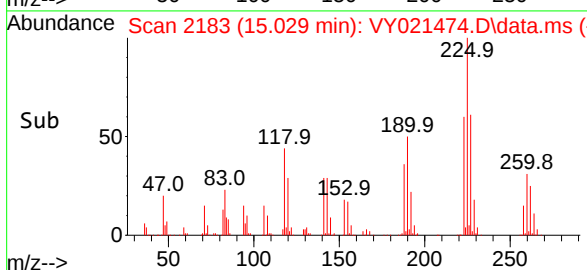
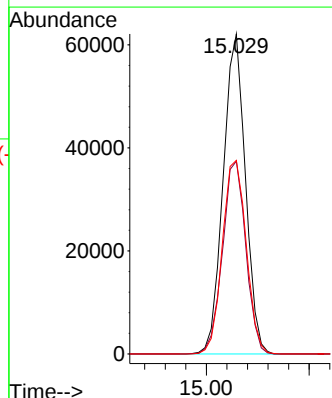
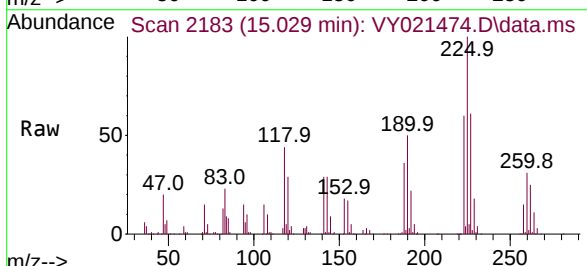
Tgt Ion:225 Resp: 93232

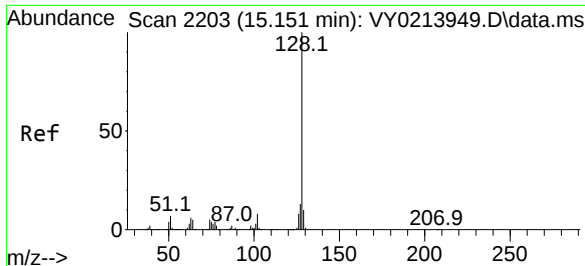
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.2

227 65.1 31.8 95.4

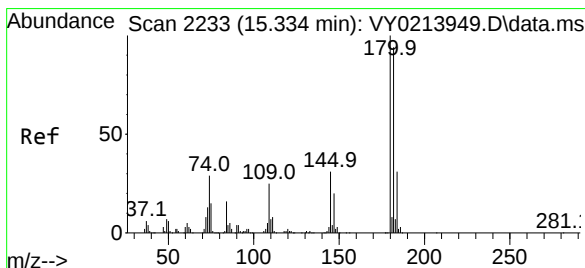
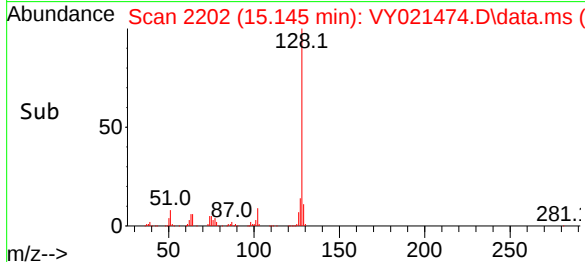
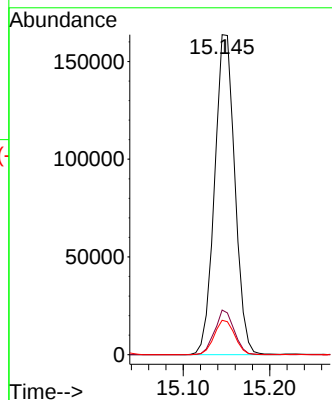
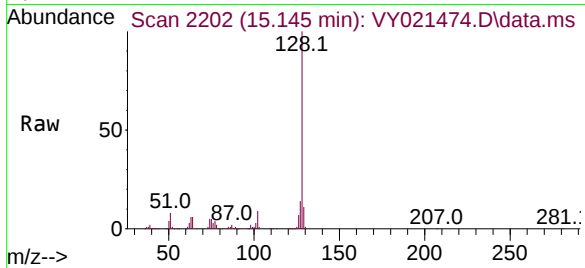




#95
Naphthalene
Concen: 53.275 ug/l
RT: 15.145 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 266062
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: 53.397 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021474.D
Acq: 11 Mar 2025 09:42

Tgt Ion:180 Resp: 131614
Ion Ratio Lower Upper
180 100
182 95.7 47.2 141.6
145 32.8 16.4 49.1

