

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021574.D
 Acq On : 20 Mar 2025 11:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 21 01:31:55 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	219959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	337182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	298070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	155271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123206	52.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.000%	
35) Dibromofluoromethane	7.634	113	119181	53.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.103	98	436168	51.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	12.408	95	153625	53.818	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.640%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	87379	43.289	ug/l 99
3) Chloromethane	2.068	50	123896	43.537	ug/l 99
4) Vinyl Chloride	2.202	62	149067	47.933	ug/l 99
5) Bromomethane	2.592	94	98811	43.962	ug/l 97
6) Chloroethane	2.732	64	105696	51.430	ug/l 95
7) Trichlorofluoromethane	3.056	101	232267	53.509	ug/l 100
8) Diethyl Ether	3.452	74	58873	48.941	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.811	101	118294	47.732	ug/l 99
10) Methyl Iodide	4.000	142	131060	52.025	ug/l 99
11) Tert butyl alcohol	4.860	59	44298	297.329	ug/l 99
12) 1,1-Dichloroethene	3.787	96	107582	47.614	ug/l 99
13) Acrolein	3.653	56	5463	46.199	ug/l 95
14) Allyl chloride	4.378	41	173427	47.496	ug/l 99
15) Acrylonitrile	5.055	53	141285	275.906	ug/l 99
16) Acetone	3.866	43	112533	221.929	ug/l 91
17) Carbon Disulfide	4.104	76	305583	43.155	ug/l 98
18) Methyl Acetate	4.385	43	79985	71.092	ug/l 99
19) Methyl tert-butyl Ether	5.110	73	296937	51.851	ug/l 98
20) Methylene Chloride	4.610	84	121289	45.568	ug/l 96
21) trans-1,2-Dichloroethene	5.110	96	120656	47.683	ug/l 94
22) Diisopropyl ether	6.018	45	384292	48.836	ug/l 97
23) Vinyl Acetate	5.957	43	1121418	249.707	ug/l 99
24) 1,1-Dichloroethane	5.909	63	225375	48.527	ug/l 98
25) 2-Butanone	6.884	43	181386	258.596	ug/l 98
26) 2,2-Dichloropropane	6.878	77	199701	46.732	ug/l 100
27) cis-1,2-Dichloroethene	6.890	96	140435	48.853	ug/l 98
28) Bromochloromethane	7.244	49	107010	54.959	ug/l 98
29) Tetrahydrofuran	7.256	42	121370	280.283	ug/l 99
30) Chloroform	7.421	83	238370	49.427	ug/l 99
31) Cyclohexane	7.701	56	190199	43.683	ug/l 99
32) 1,1,1-Trichloroethane	7.616	97	212459	48.114	ug/l 99
36) 1,1-Dichloropropene	7.835	75	164126	47.308	ug/l 98
37) Ethyl Acetate	6.982	43	83554	54.490	ug/l 99
38) Carbon Tetrachloride	7.817	117	194773	48.816	ug/l 97
39) Methylcyclohexane	9.109	83	200777	47.181	ug/l 99
40) Benzene	8.079	78	495197	48.455	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	46502	55.696	ug/l	97
42) 1,2-Dichloroethane	8.158	62	143072	50.042	ug/l	98
43) Isopropyl Acetate	8.195	43	161556	54.274	ug/l #	90
44) Trichloroethene	8.865	130	128598	49.796	ug/l	100
45) 1,2-Dichloropropane	9.140	63	121269	49.858	ug/l	97
46) Dibromomethane	9.231	93	72294	53.418	ug/l	99
47) Bromodichloromethane	9.420	83	182499	50.778	ug/l	99
48) Methyl methacrylate	9.219	41	74817	54.736	ug/l	95
49) 1,4-Dioxane	9.225	88	17568	1322.530	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	443231	288.587	ug/l	99
52) Toluene	10.170	92	329232	51.098	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	163401	51.604	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	189945	50.525	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	93743	52.952	ug/l	98
56) Ethyl methacrylate	10.438	69	129404	57.314	ug/l	98
57) 1,3-Dichloropropane	10.719	76	160374	52.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	287815	276.147	ug/l	99
59) 2-Hexanone	10.761	43	295385	290.862	ug/l	99
60) Dibromochloromethane	10.908	129	127078	52.360	ug/l	100
61) 1,2-Dibromoethane	11.011	107	87667	52.470	ug/l	100
64) Tetrachloroethene	10.646	164	137523	56.739	ug/l	99
65) Chlorobenzene	11.438	112	346955	49.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	125682	50.504	ug/l	99
67) Ethyl Benzene	11.517	91	611432	49.491	ug/l	98
68) m/p-Xylenes	11.627	106	469024	99.997	ug/l	100
69) o-Xylene	11.956	106	220832	51.085	ug/l	98
70) Styrene	11.969	104	377454	52.633	ug/l	99
71) Bromoform	12.133	173	75841	54.518	ug/l #	97
73) Isopropylbenzene	12.255	105	597306	48.835	ug/l	99
74) N-amyl acetate	12.072	43	140643	52.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	109695	50.823	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	145435	92.951	ug/l #	100
77) Bromobenzene	12.529	156	139019	48.583	ug/l	99
78) n-propylbenzene	12.597	91	720756	48.522	ug/l	100
79) 2-Chlorotoluene	12.682	91	409969	48.268	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	488166	49.112	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	34651	50.345	ug/l	96
82) 4-Chlorotoluene	12.779	91	423488	48.149	ug/l	99
83) tert-Butylbenzene	12.999	119	442622	49.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	488589	49.508	ug/l	99
85) sec-Butylbenzene	13.176	105	646008	48.966	ug/l	99
86) p-Isopropyltoluene	13.291	119	545177	50.159	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	277496	48.719	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	266588	47.857	ug/l	99
89) n-Butylbenzene	13.615	91	509654	50.780	ug/l	99
90) Hexachloroethane	13.883	117	112588	48.556	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	244964	50.178	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17141	53.016	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	142761	53.539	ug/l	97
94) Hexachlorobutadiene	15.023	225	87330	52.247	ug/l	99
95) Naphthalene	15.145	128	257284	56.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	123783	55.195	ug/l	100

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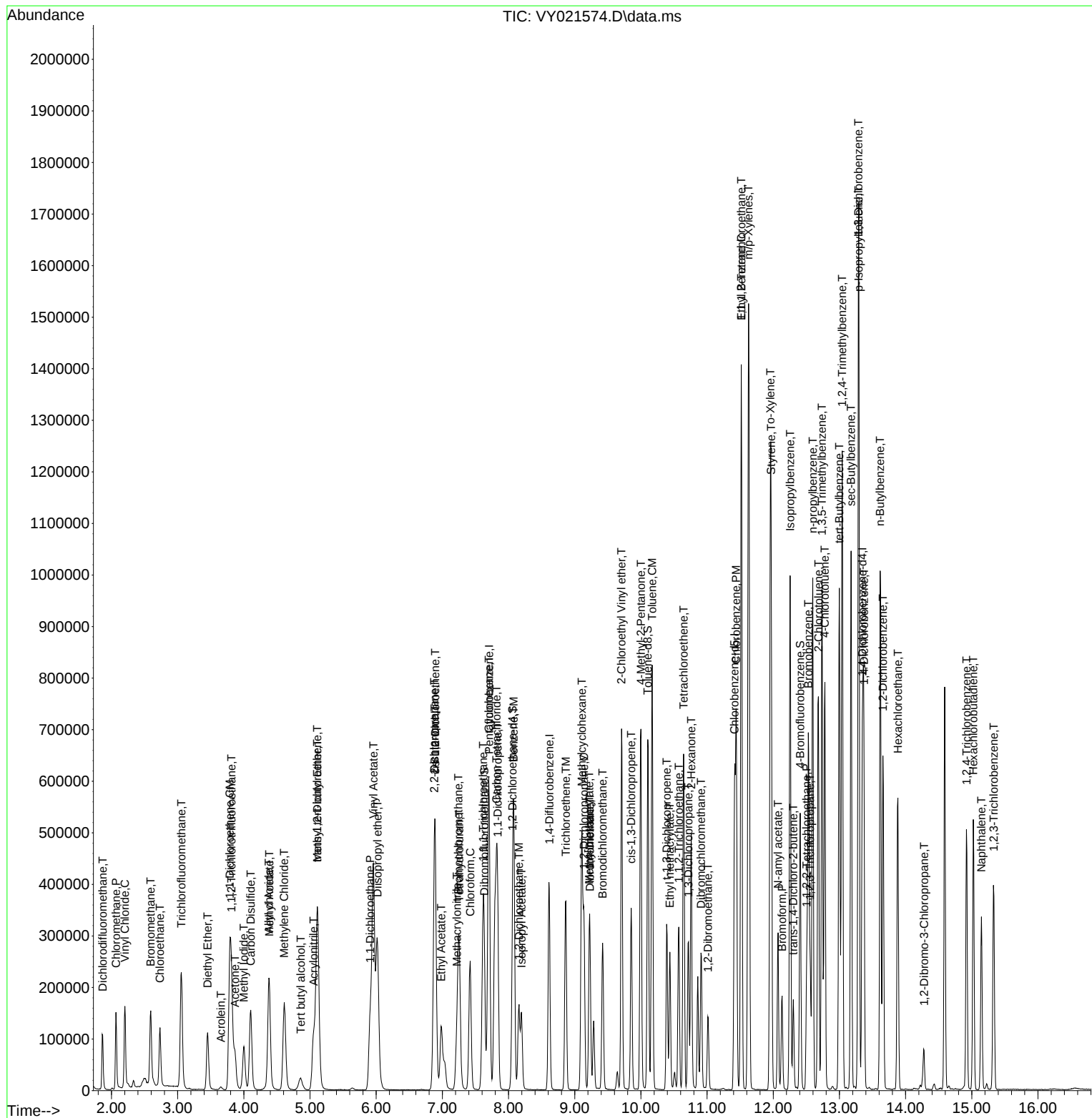
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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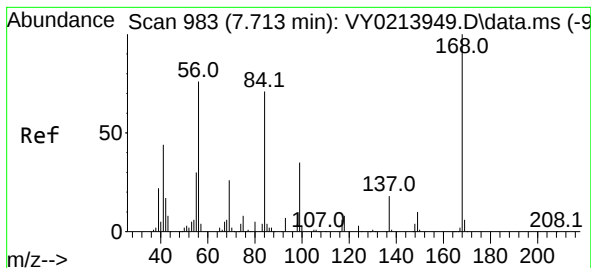
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021574.D

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Instrument :

MSVOA_Y

ClientSampleId :

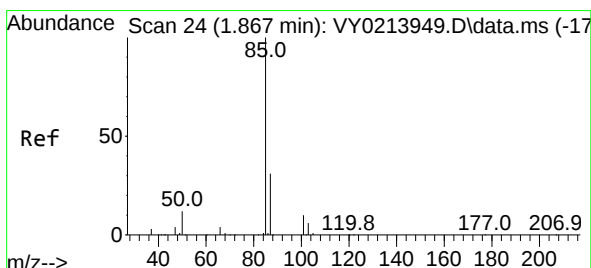
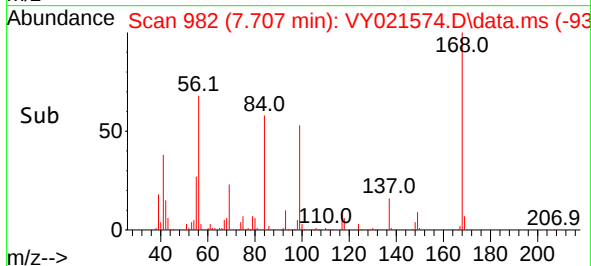
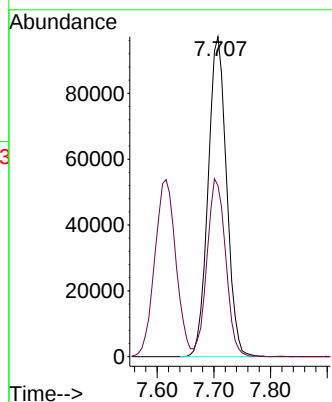
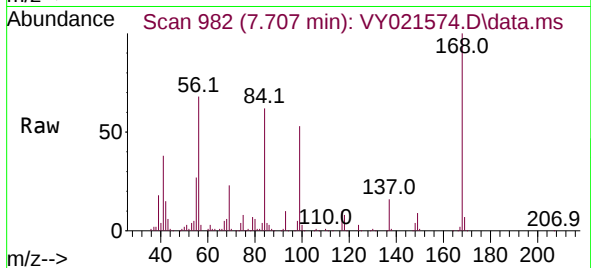
VSTDCCC050

Tgt Ion:168 Resp: 219959

Ion Ratio Lower Upper

168 100

99 53.3 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 43.289 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY021574.D

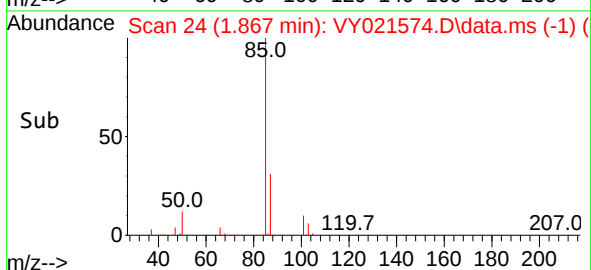
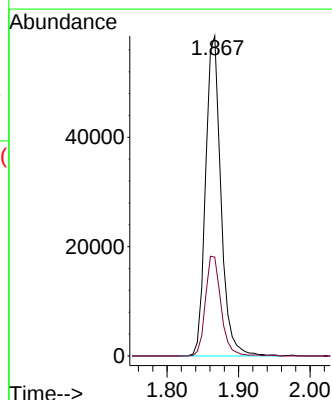
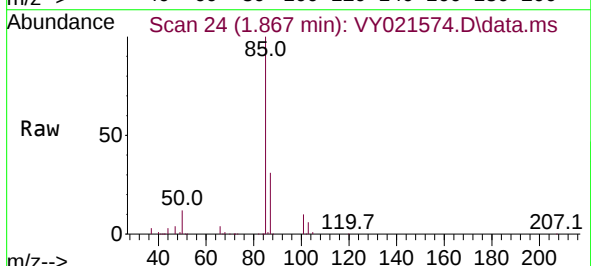
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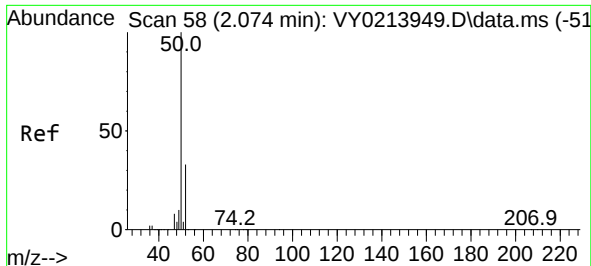
Tgt Ion: 85 Resp: 87379

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.0

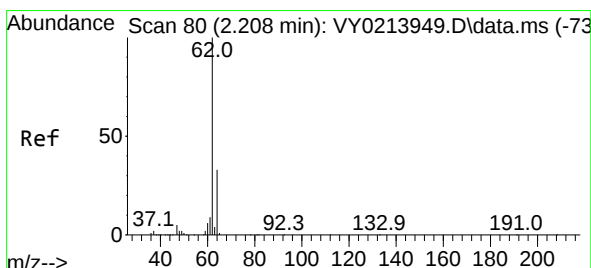
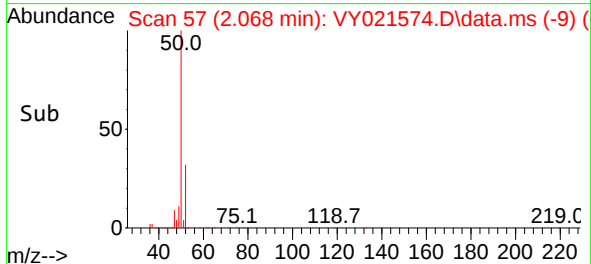
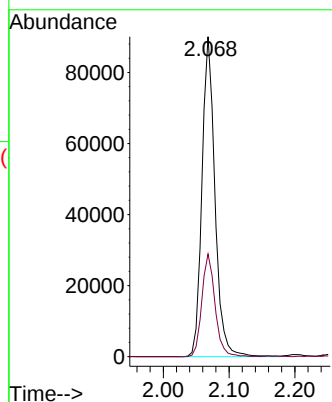
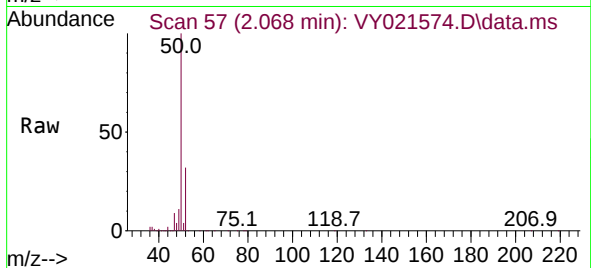




#3
Chloromethane
Concen: 43.537 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021574.D
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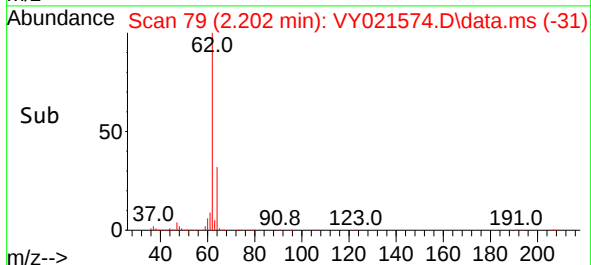
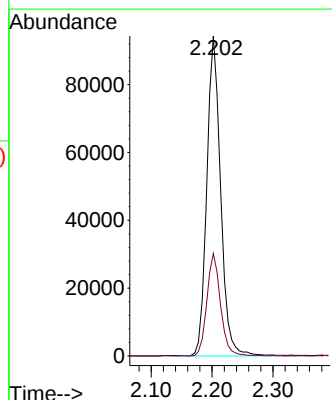
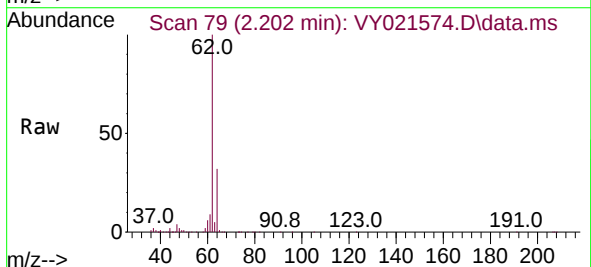
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ClientSampleId :
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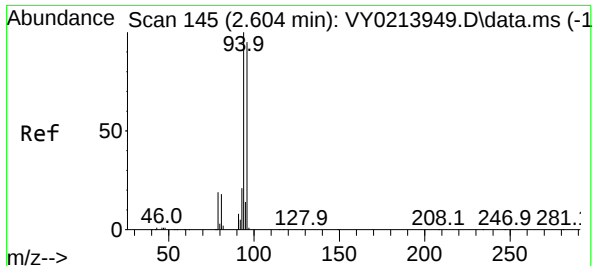
Tgt Ion: 50 Resp: 123896
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 47.933 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 62 Resp: 149067
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

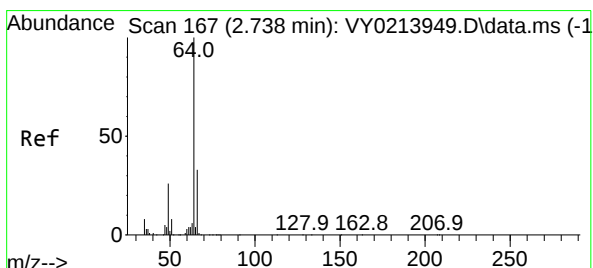
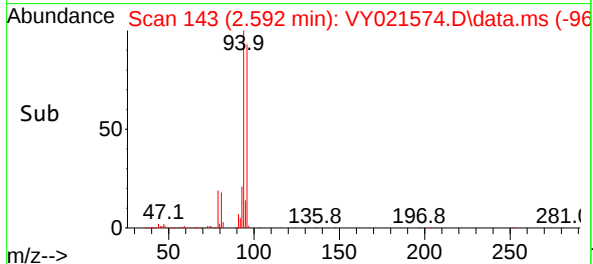
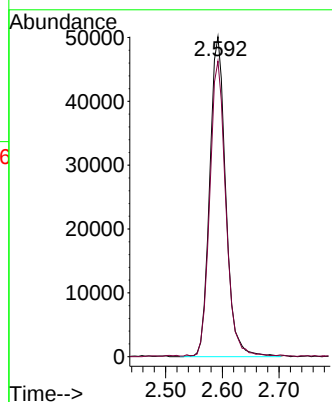
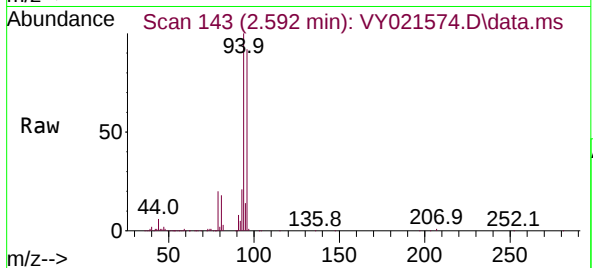




#5
Bromomethane
Concen: 43.962 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021574.D
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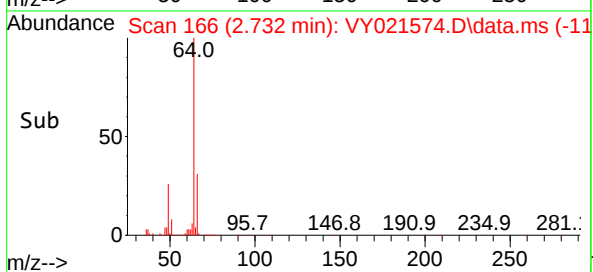
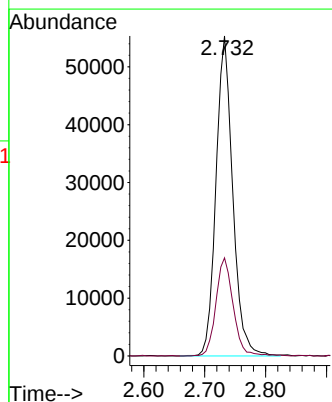
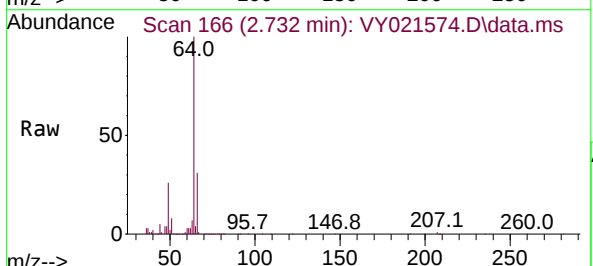
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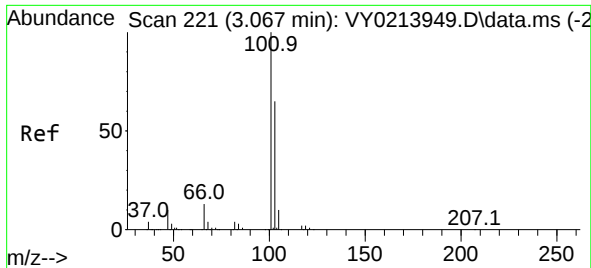
Tgt Ion: 94 Resp: 98811
Ion Ratio Lower Upper
94 100
96 92.2 76.3 114.5



#6
Chloroethane
Concen: 51.430 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021574.D
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Tgt Ion: 64 Resp: 105696
Ion Ratio Lower Upper
64 100
66 30.7 26.7 40.1

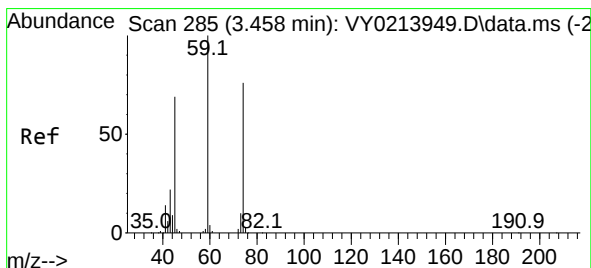
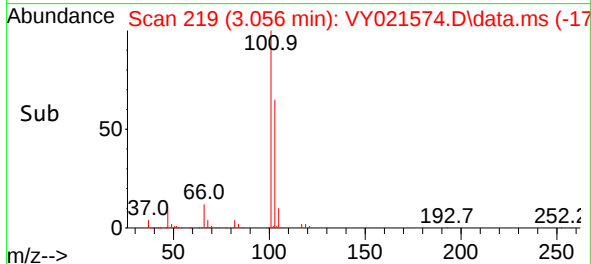
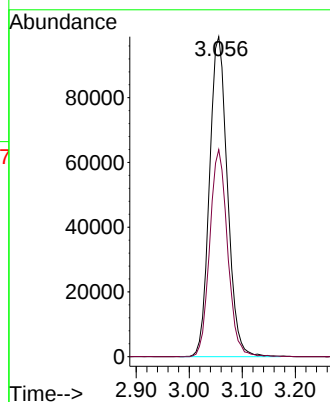
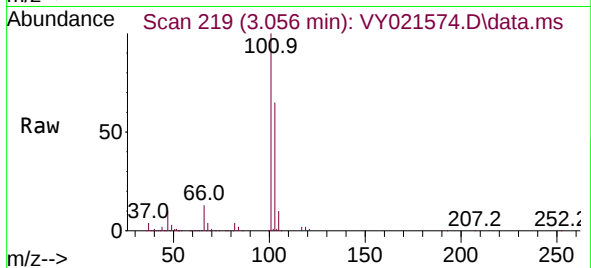




#7
 Trichlorofluoromethane
 Concen: 53.509 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

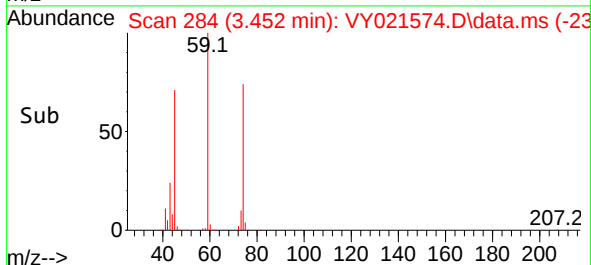
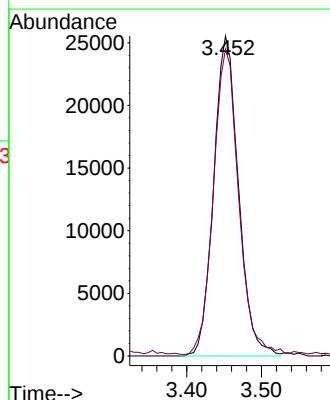
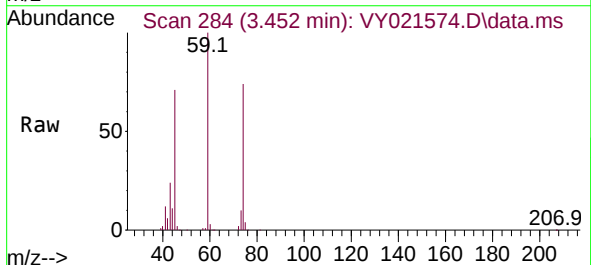
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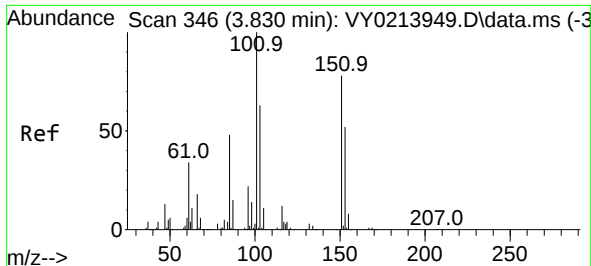
Tgt Ion:101 Resp: 232267
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 48.941 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion: 74 Resp: 58873
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.7 149.1

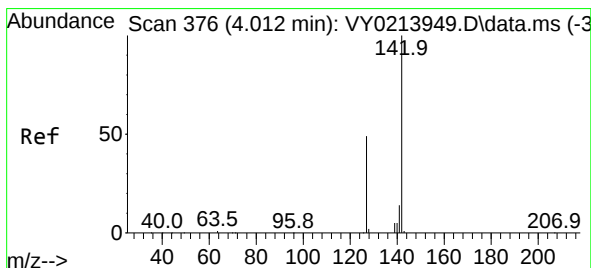
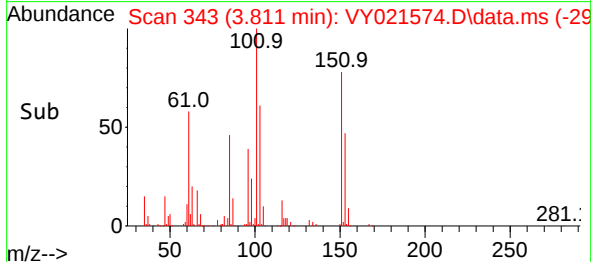
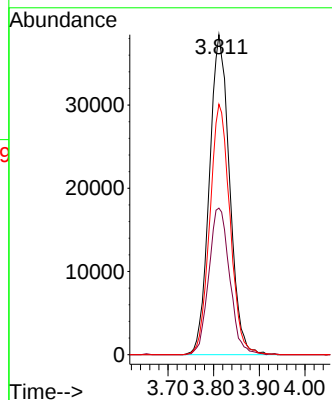
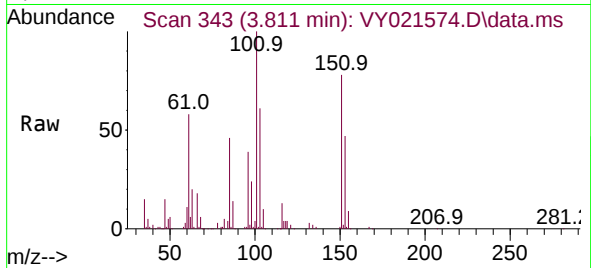




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.732 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

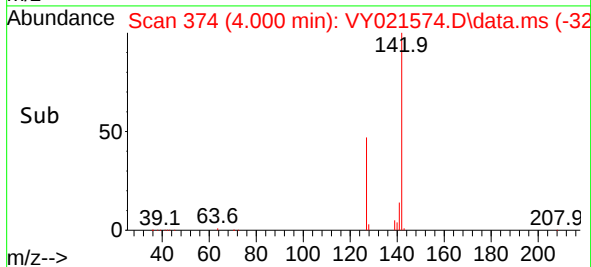
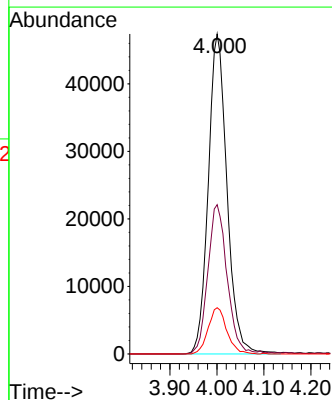
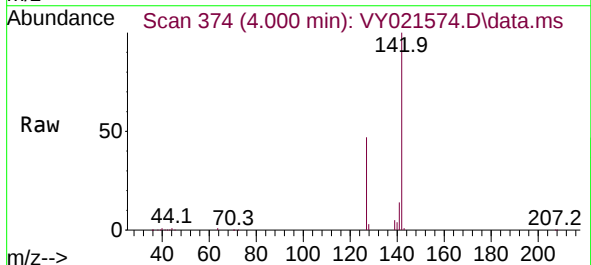
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

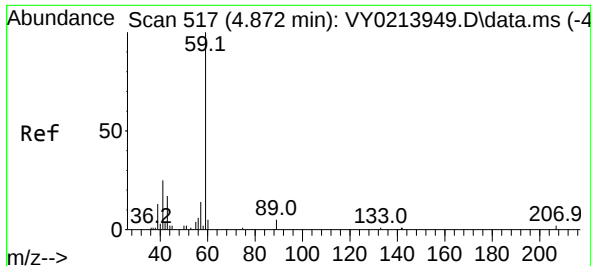
Tgt Ion:101 Resp: 118294
Ion Ratio Lower Upper
101 100
85 47.2 37.1 55.7
151 78.2 62.1 93.1



#10
Methyl Iodide
Concen: 52.025 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:142 Resp: 131060
Ion Ratio Lower Upper
142 100
127 47.9 39.1 58.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 297.329 ug/l

RT: 4.860 min Scan# 517

Delta R.T. -0.012 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

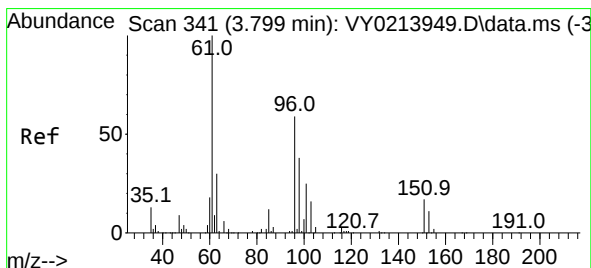
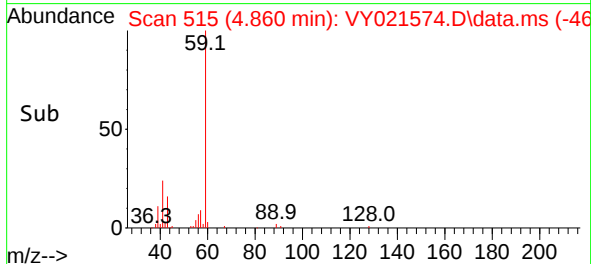
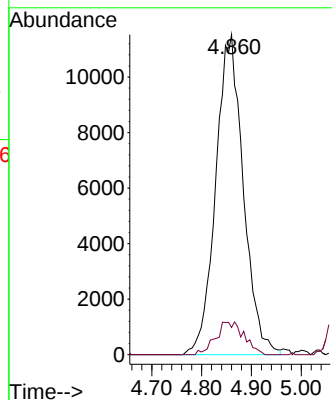
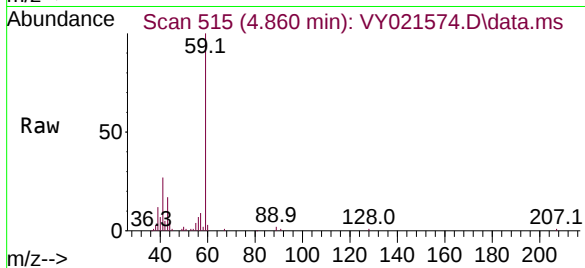
VSTDCCC050

Tgt Ion: 59 Resp: 44298

Ion Ratio Lower Upper

59 100

57 10.5 8.2 12.4



#12

1,1-Dichloroethene

Concen: 47.614 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

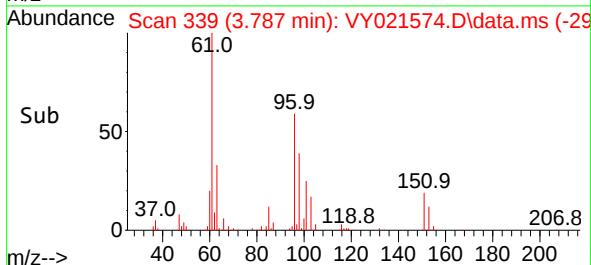
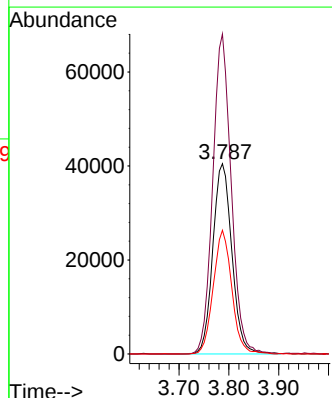
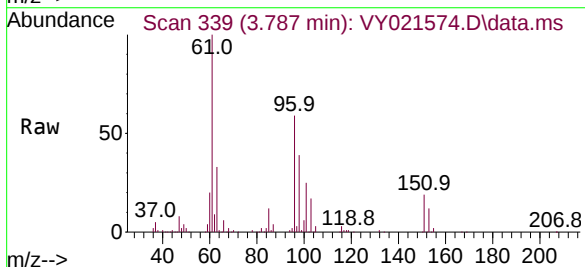
Tgt Ion: 96 Resp: 107582

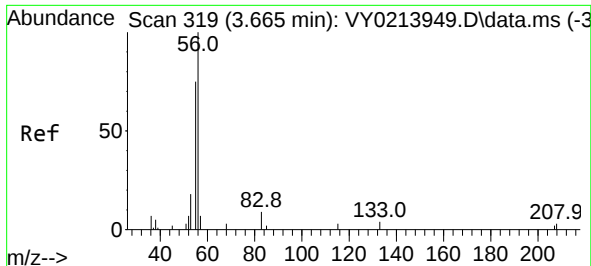
Ion Ratio Lower Upper

96 100

61 168.2 135.2 202.8

98 65.0 51.4 77.2

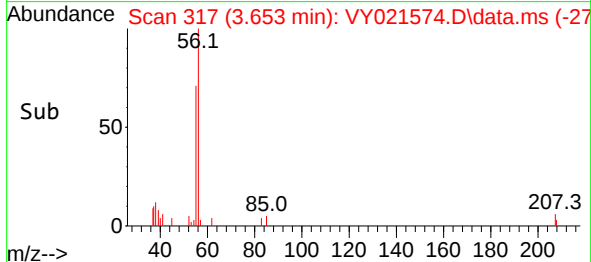
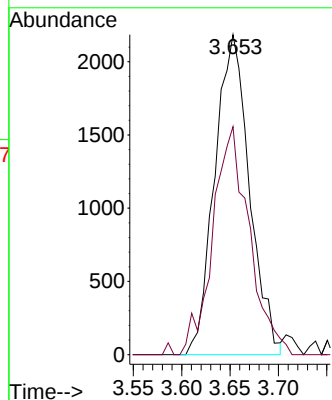
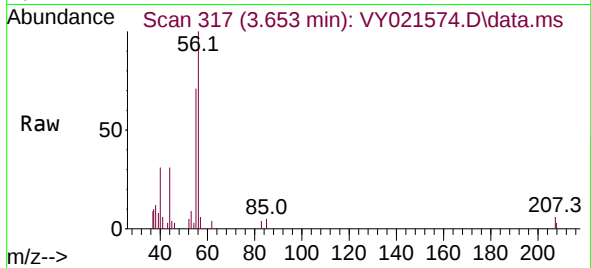




#13
Acrolein
Concen: 46.199 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

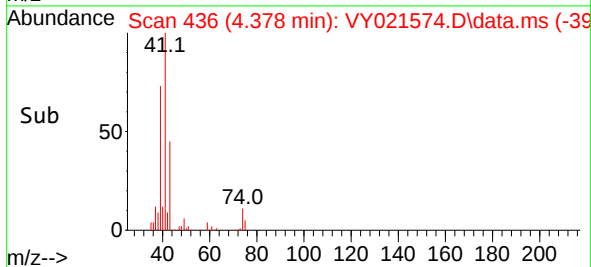
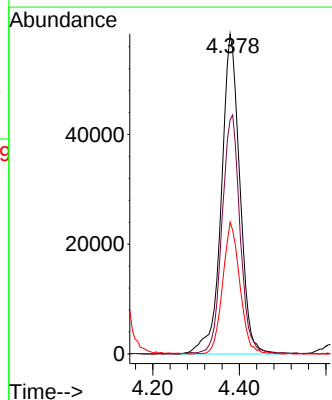
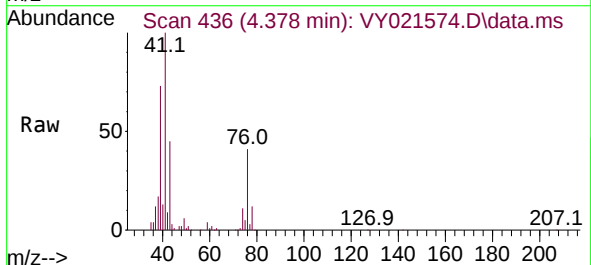
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

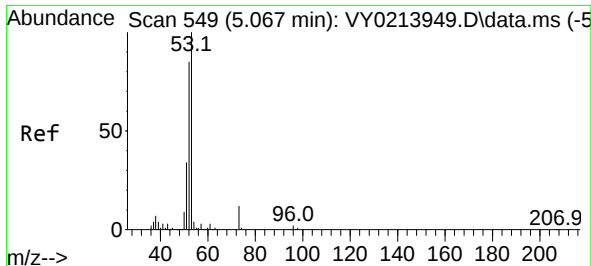
Tgt Ion: 56 Resp: 5463
Ion Ratio Lower Upper
56 100
55 74.6 63.4 95.2



#14
Allyl chloride
Concen: 47.496 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 41 Resp: 173427
Ion Ratio Lower Upper
41 100
39 73.2 59.3 88.9
76 38.5 29.8 44.8





#15

Acrylonitrile

Concen: 275.906 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021574.D

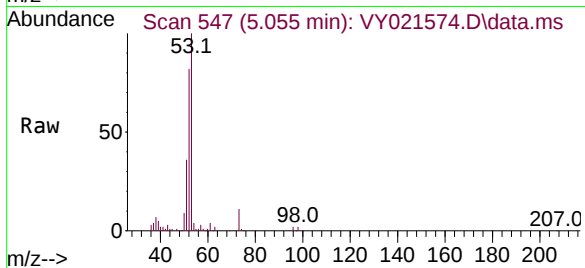
Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

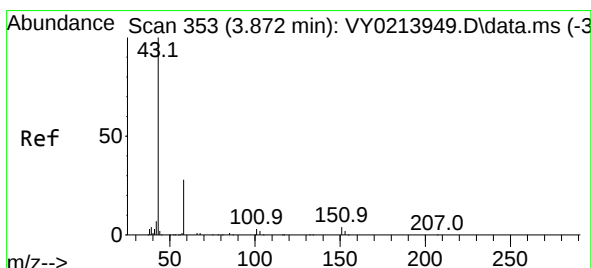
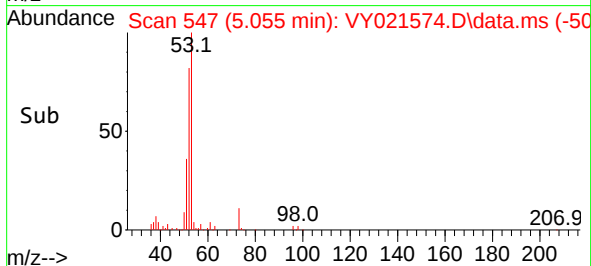
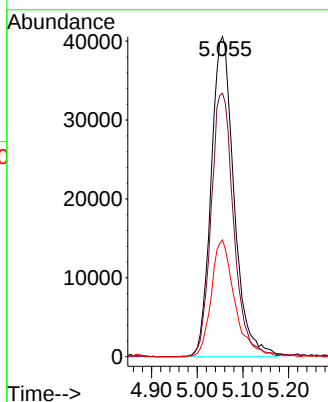
ClientSampleId :

VSTDCCC050



Tgt Ion: 53 Resp: 141285

Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.3	99.5
51	37.4	30.3	45.5



#16

Acetone

Concen: 221.929 ug/l

RT: 3.866 min Scan# 352

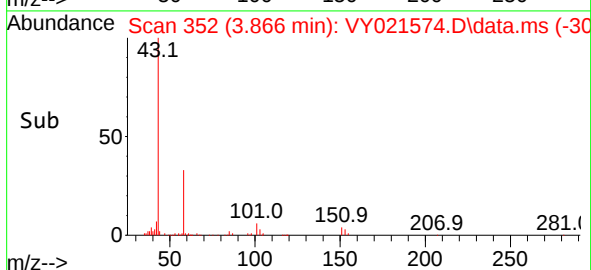
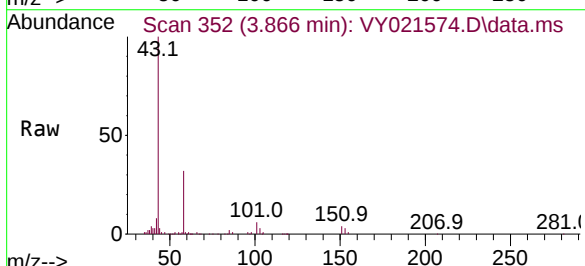
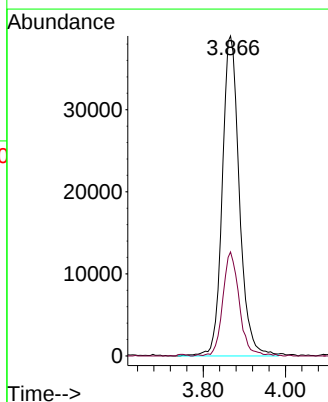
Delta R.T. -0.006 min

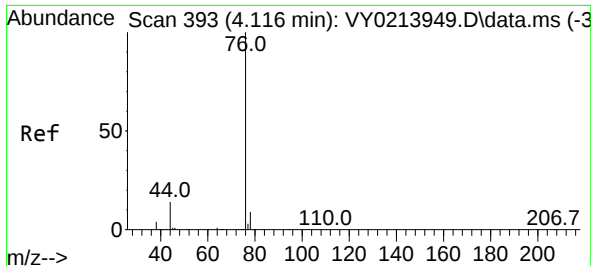
Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Tgt Ion: 43 Resp: 112533

Ion	Ratio	Lower	Upper
43	100		
58	32.4	22.1	33.1

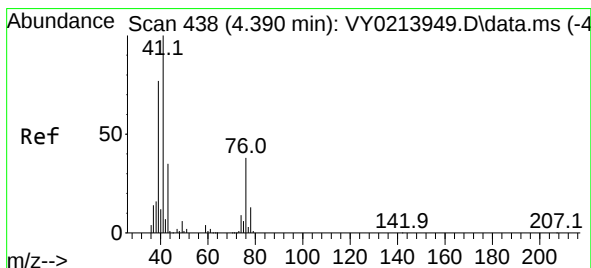
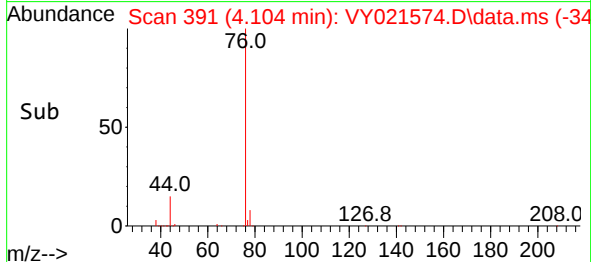
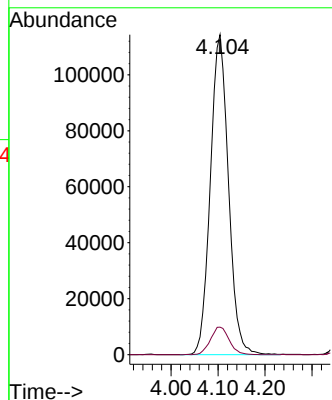
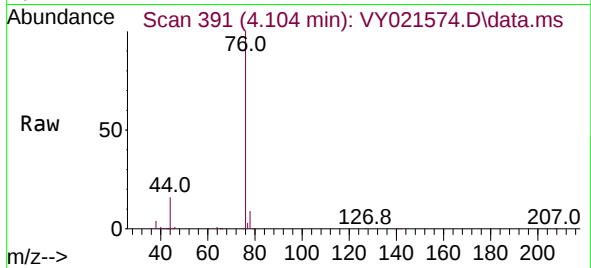




#17
Carbon Disulfide
Concen: 43.155 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

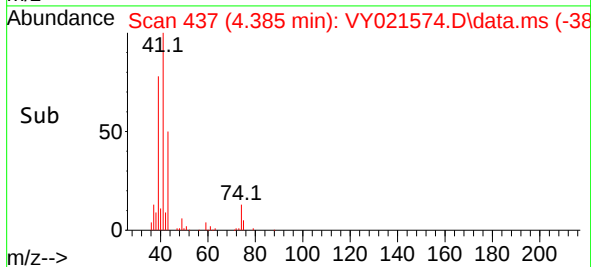
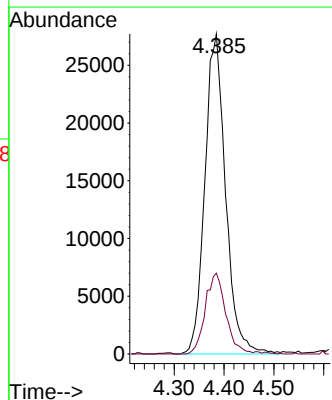
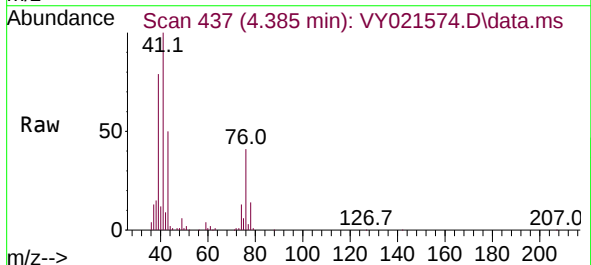
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

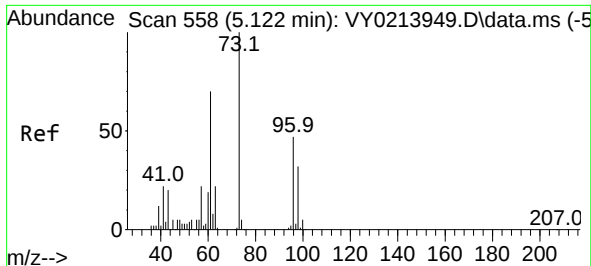
Tgt Ion: 76 Resp: 305583
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 71.092 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 43 Resp: 79985
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 51.851 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

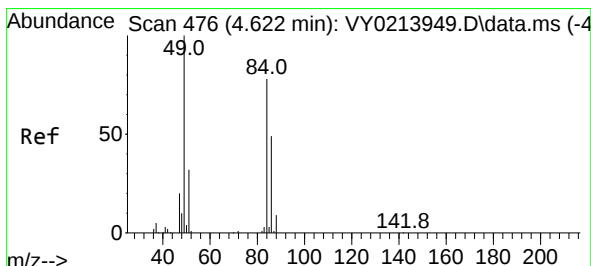
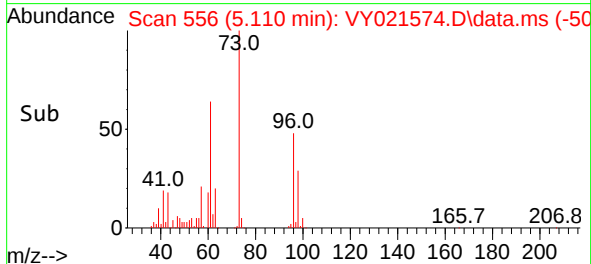
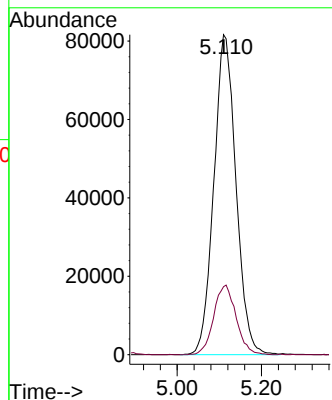
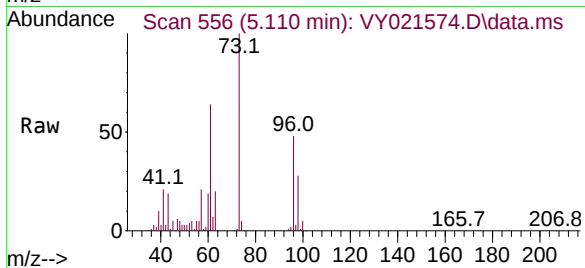
VSTDCCC050

Tgt Ion: 73 Resp: 296937

Ion Ratio Lower Upper

73 100

57 21.2 17.9 26.9



#20

Methylene Chloride

Concen: 45.568 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Tgt Ion: 84 Resp: 121289

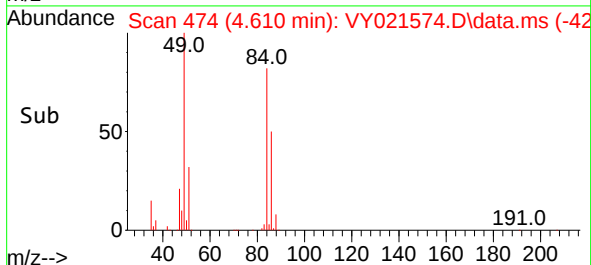
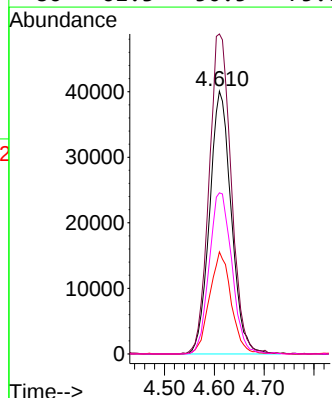
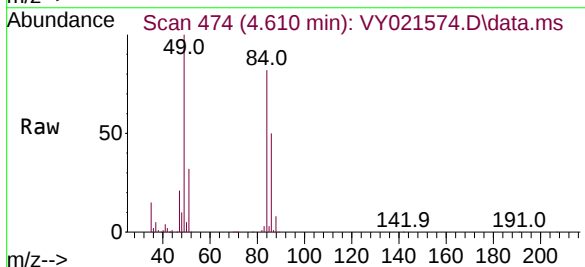
Ion Ratio Lower Upper

84 100

49 121.8 102.0 153.0

51 38.9 33.0 49.6

86 61.3 50.5 75.7

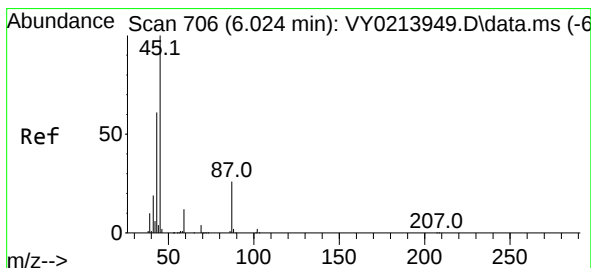
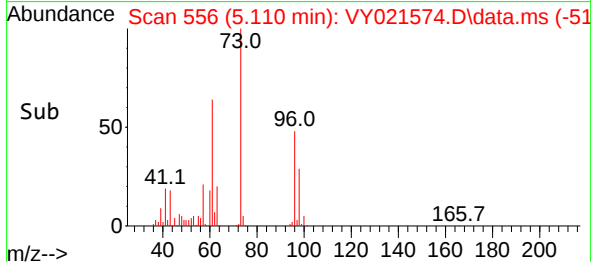
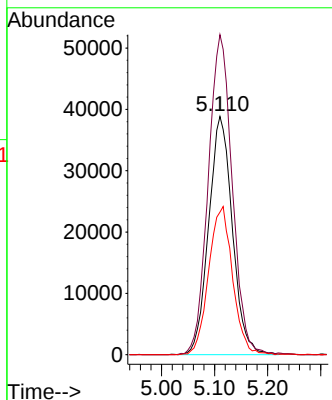
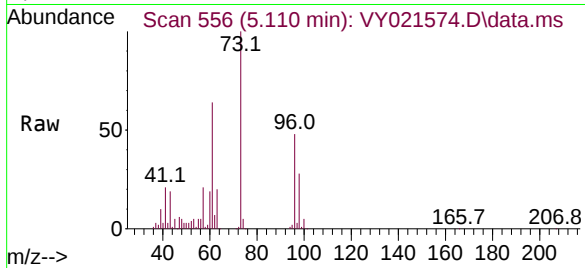




#21
trans-1,2-Dichloroethene
Concen: 47.683 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

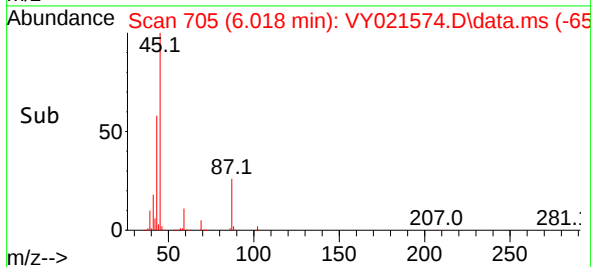
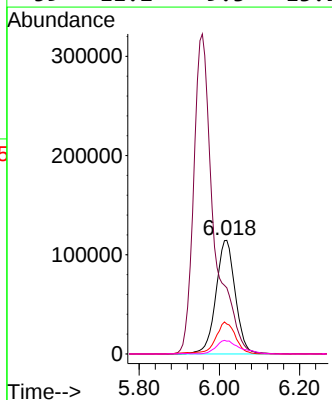
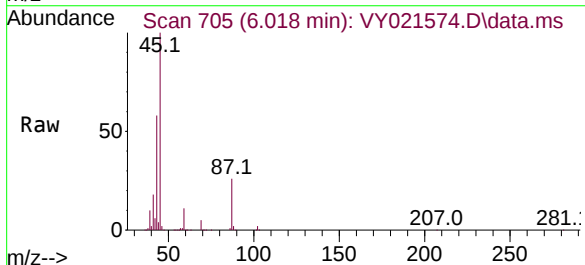
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

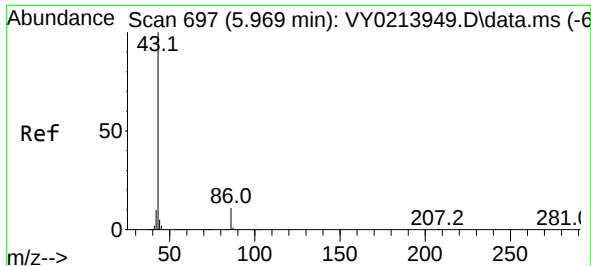
Tgt Ion: 96 Resp: 120656
Ion Ratio Lower Upper
96 100
61 134.1 111.5 167.3
98 59.8 53.8 80.8



#22
Diisopropyl ether
Concen: 48.836 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 45 Resp: 384292
Ion Ratio Lower Upper
45 100
43 57.9 48.7 73.1
87 26.3 21.5 32.3
59 11.2 9.3 13.9

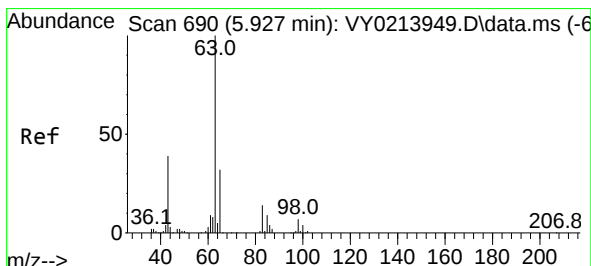
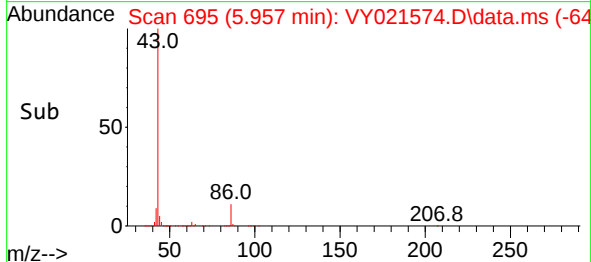
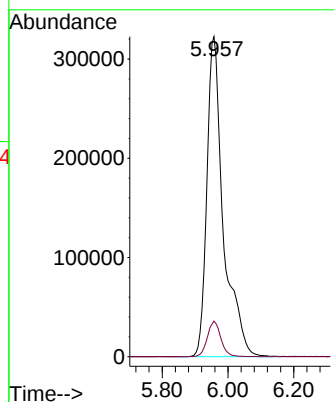
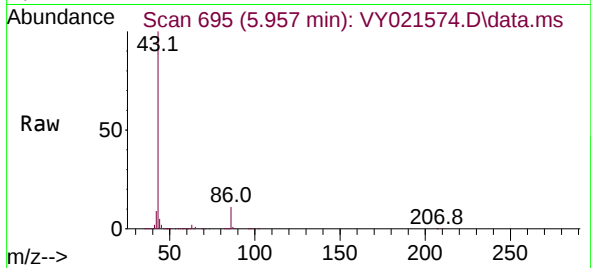




#23
 Vinyl Acetate
 Concen: 249.707 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

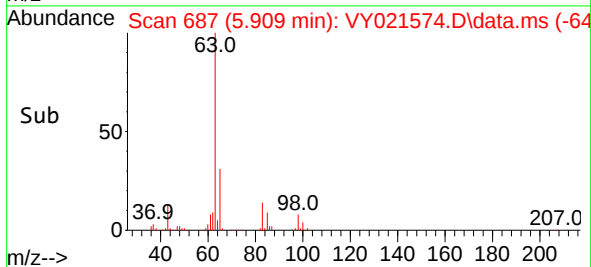
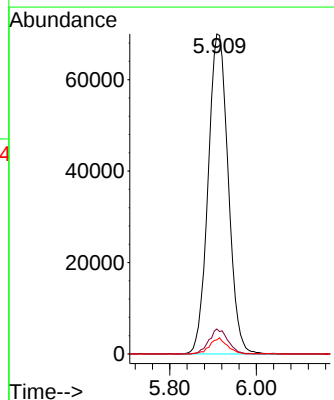
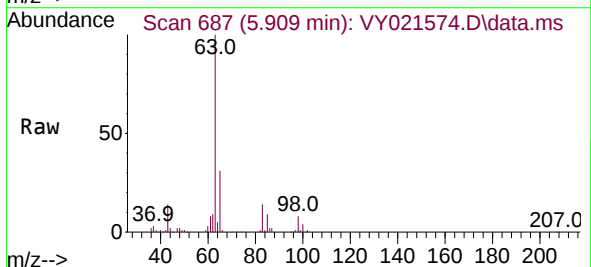
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

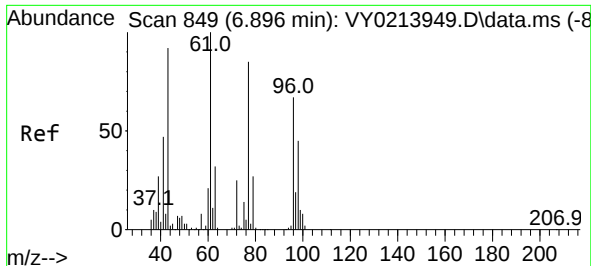
Tgt Ion: 43 Resp: 1121418
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.527 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion: 63 Resp: 225375
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.4 2.1 6.5

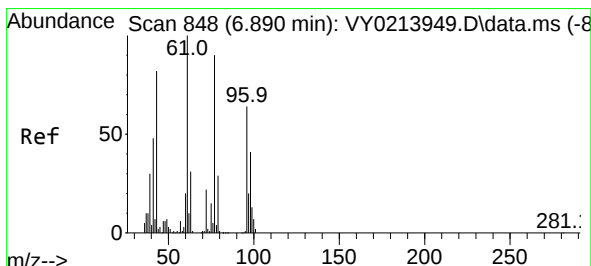
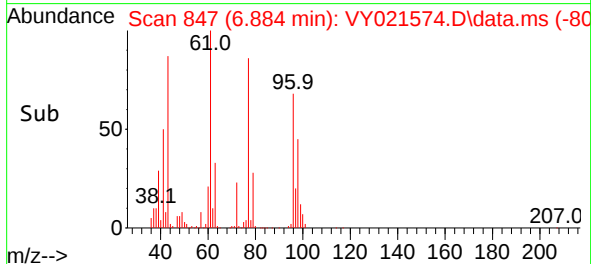
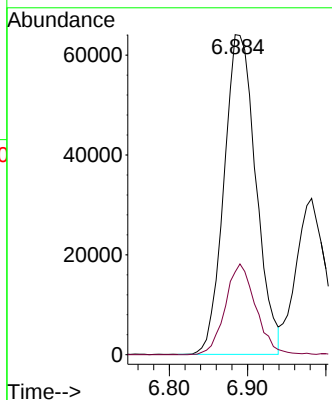
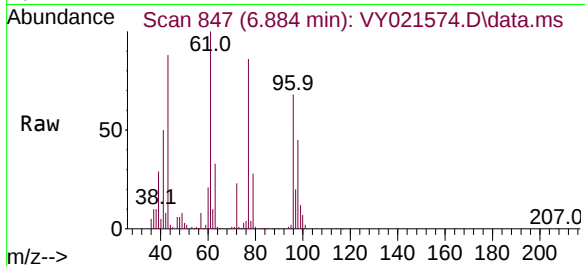




#25
2-Butanone
Concen: 258.596 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

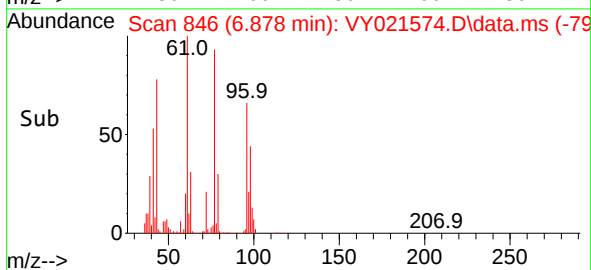
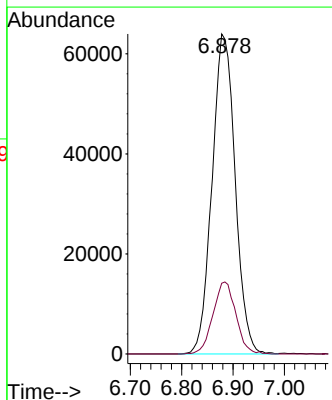
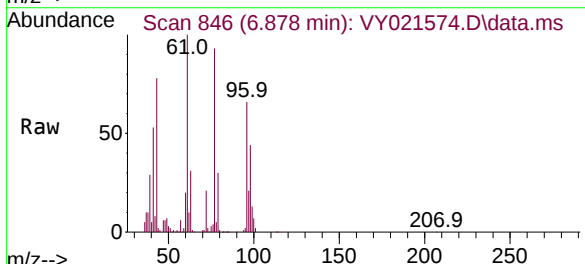
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

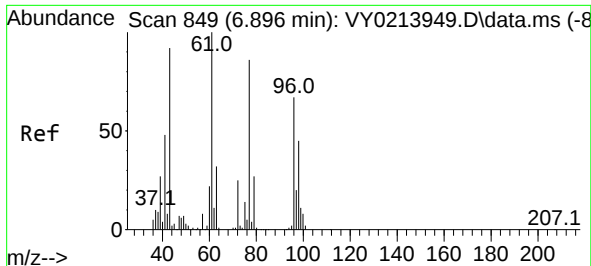
Tgt Ion: 43 Resp: 181386
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 46.732 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 77 Resp: 199701
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8

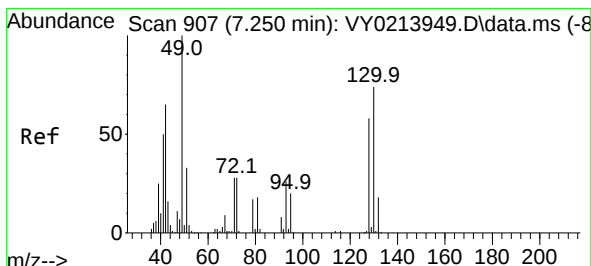
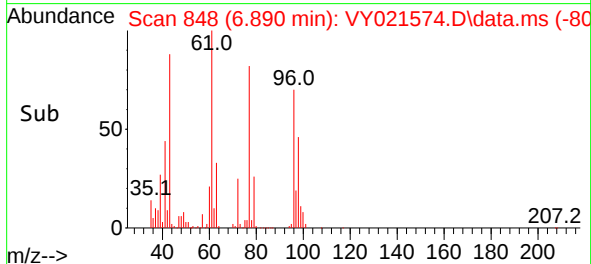
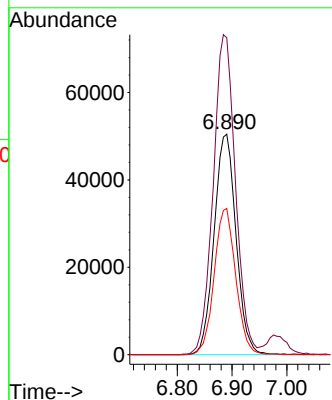
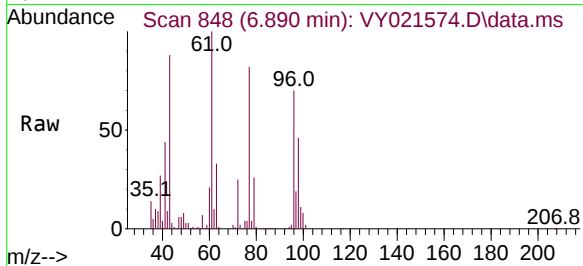




#27
 cis-1,2-Dichloroethene
 Concen: 48.853 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

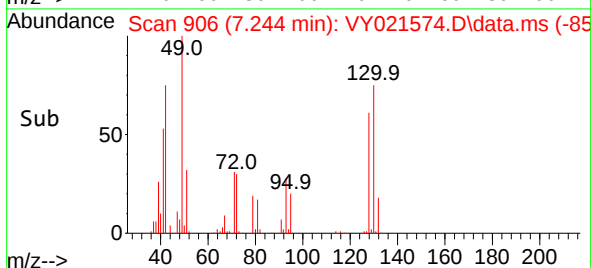
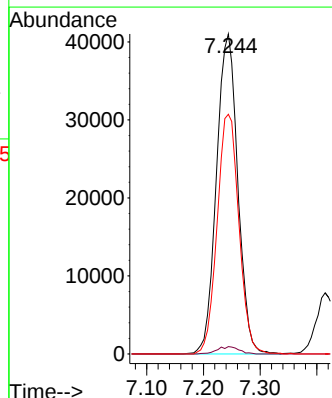
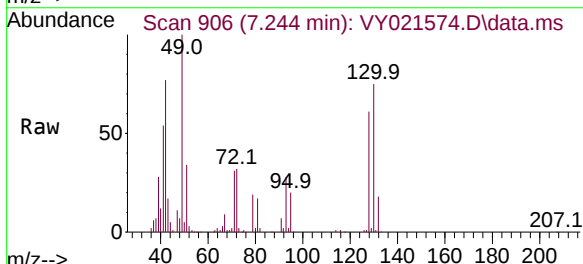
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

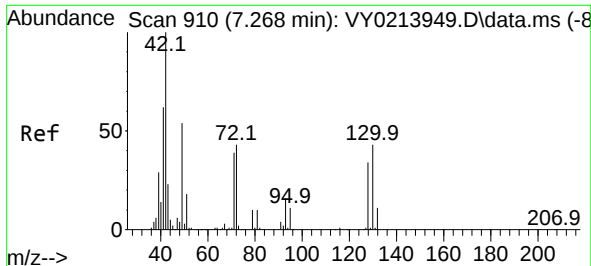
Tgt Ion: 96 Resp: 140435
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 300.8
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 54.959 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion: 49 Resp: 107010
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 76.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 280.283 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

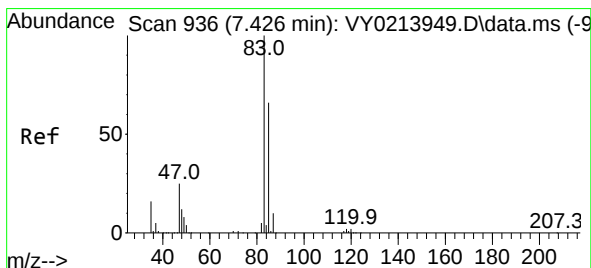
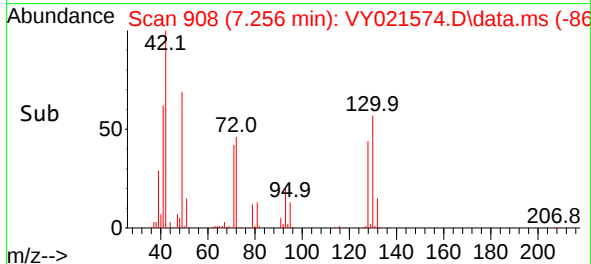
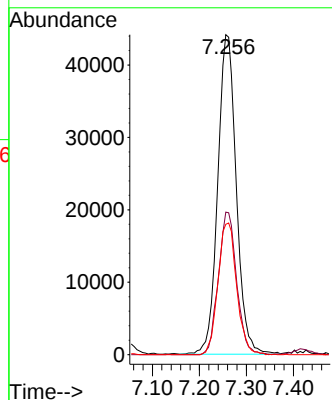
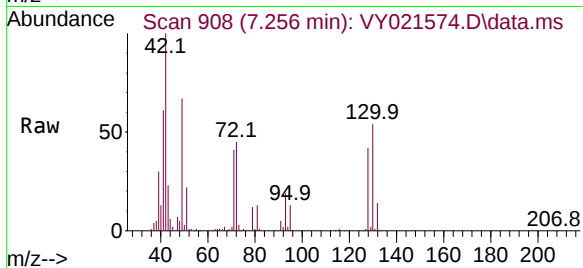
Tgt Ion: 42 Resp: 121370

Ion Ratio Lower Upper

42 100

72 43.8 34.8 52.2

71 41.4 32.6 48.8



#30

Chloroform

Concen: 49.427 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021574.D

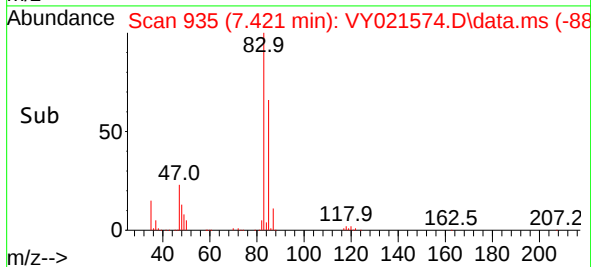
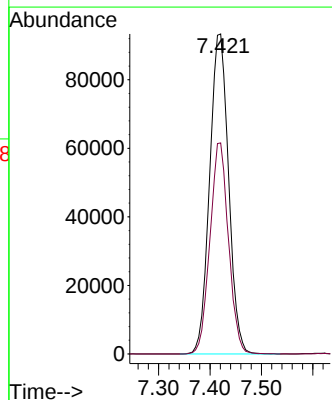
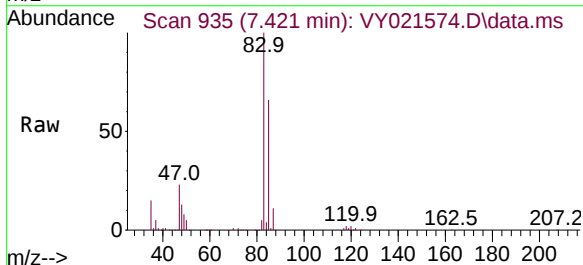
Acq: 20 Mar 2025 11:09

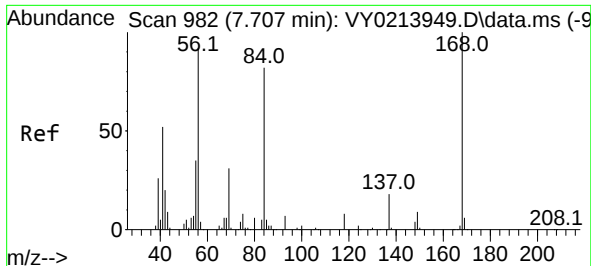
Tgt Ion: 83 Resp: 238370

Ion Ratio Lower Upper

83 100

85 66.0 53.1 79.7

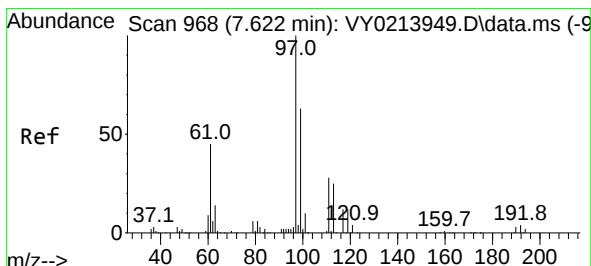
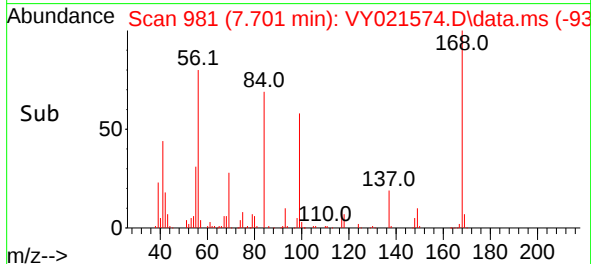
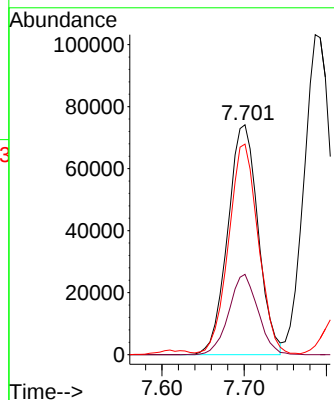
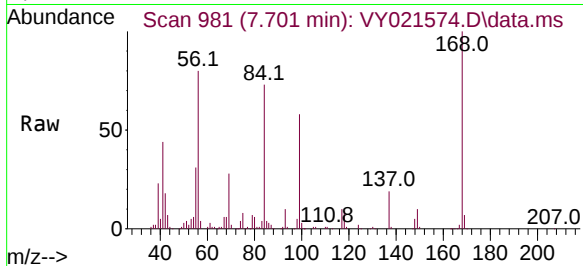




#31
Cyclohexane
Concen: 43.683 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

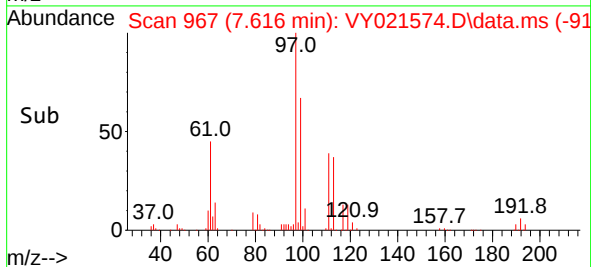
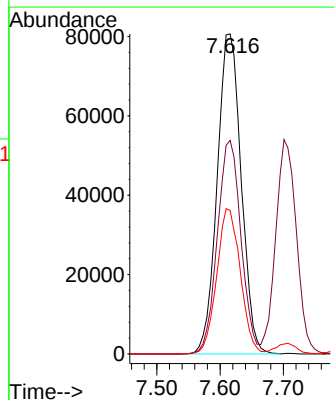
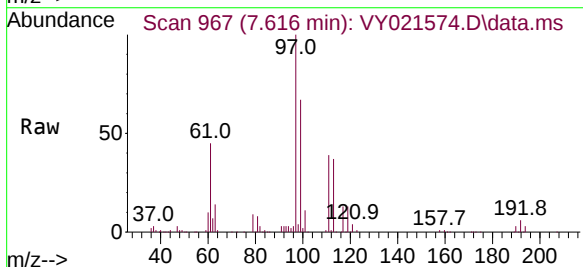
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

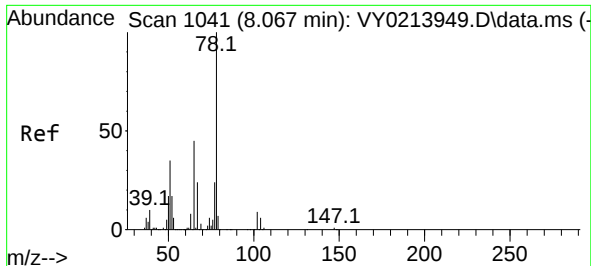
Tgt Ion: 56 Resp: 190199
Ion Ratio Lower Upper
56 100
69 34.9 27.0 40.4
84 89.8 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 48.114 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 97 Resp: 212459
Ion Ratio Lower Upper
97 100
99 65.9 51.7 77.5
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.996 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

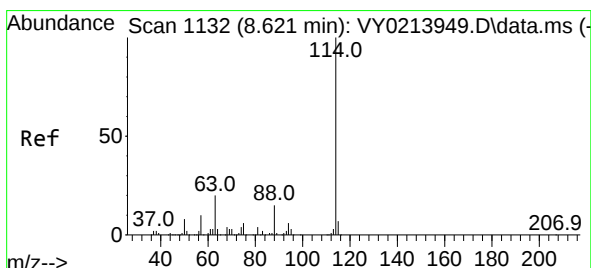
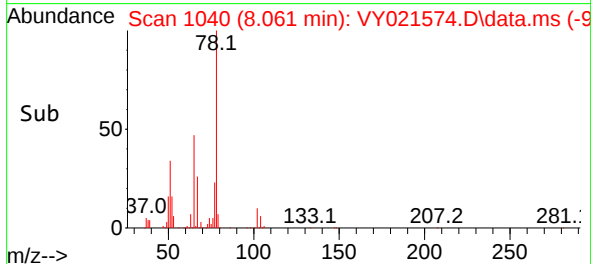
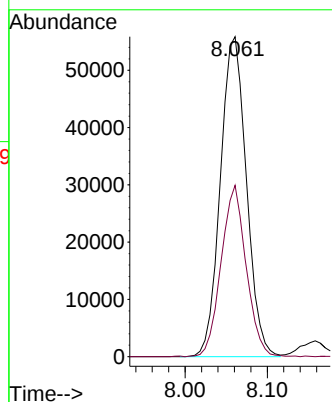
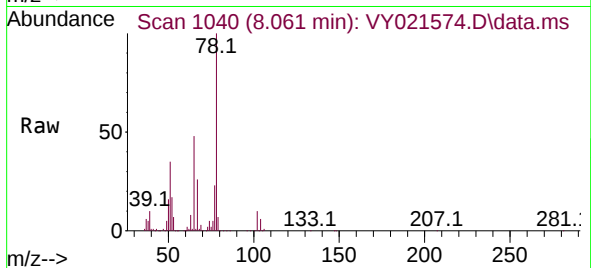
VSTDCCC050

Tgt Ion: 65 Resp: 123206

Ion Ratio Lower Upper

65 100

67 51.4 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: VY021574.D

Acq: 20 Mar 2025 11:09

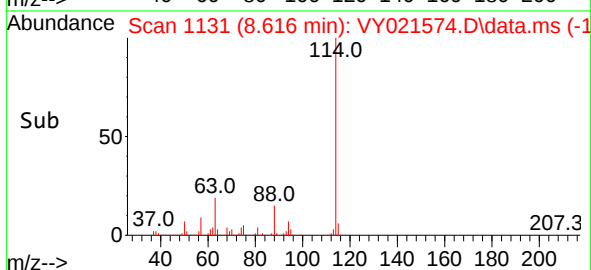
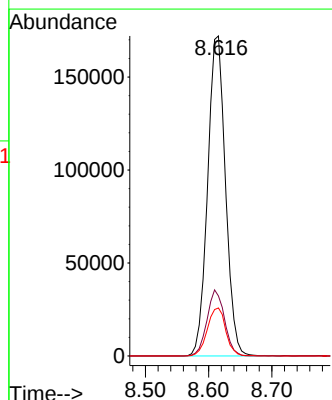
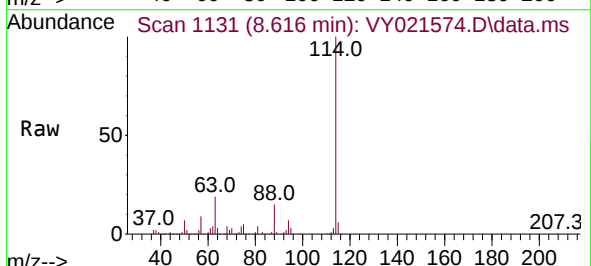
Tgt Ion: 114 Resp: 337182

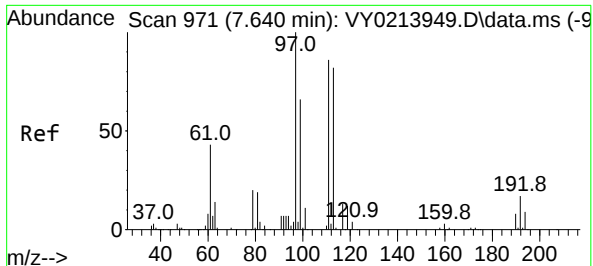
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.774 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

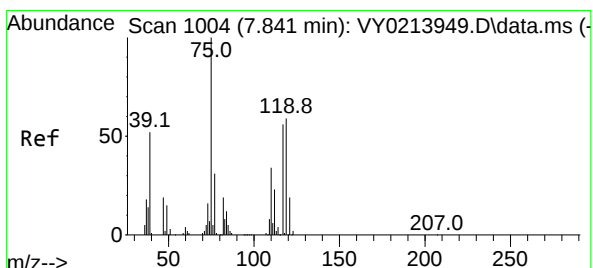
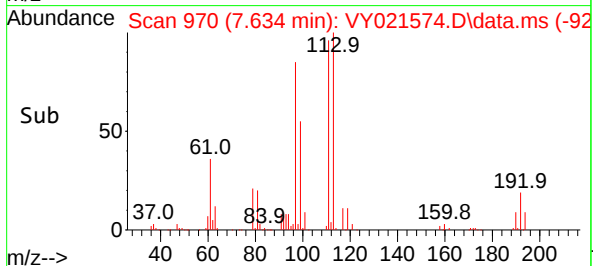
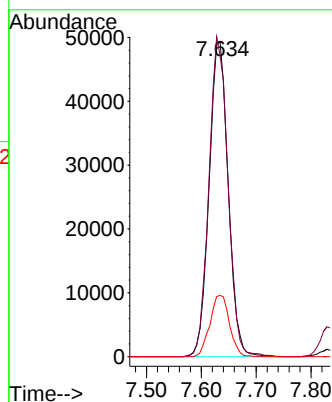
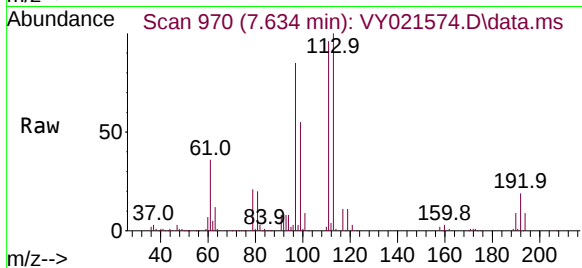
Tgt Ion:113 Resp: 119181

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

192 19.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 47.308 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

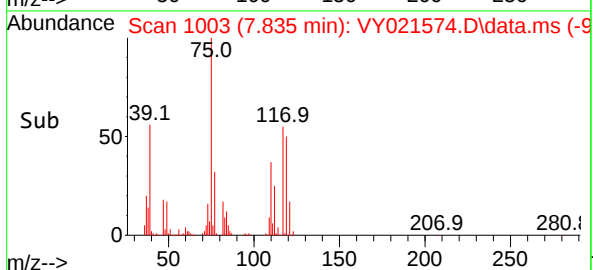
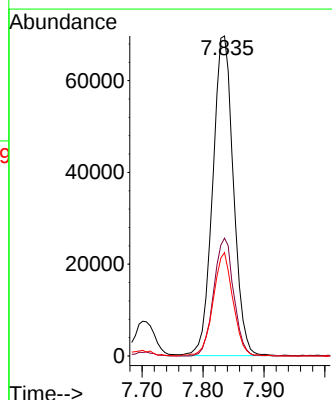
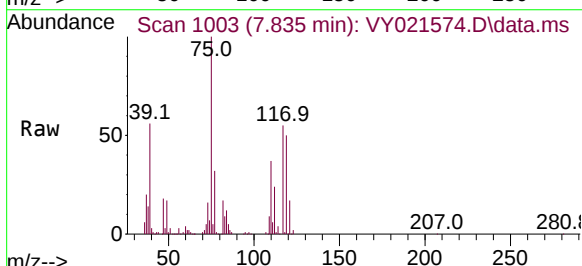
Tgt Ion: 75 Resp: 164126

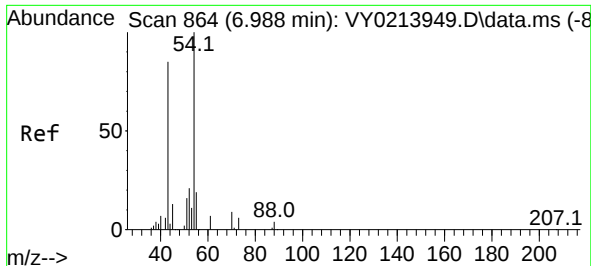
Ion Ratio Lower Upper

75 100

110 35.6 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 54.490 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

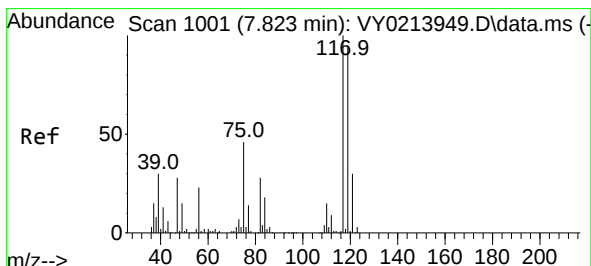
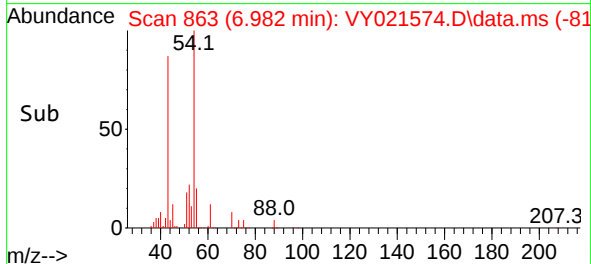
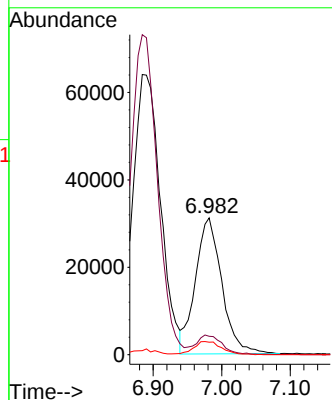
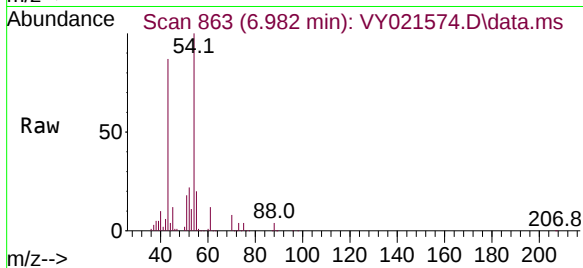
Tgt Ion: 43 Resp: 83554

Ion Ratio Lower Upper

43 100

61 13.7 11.4 17.0

70 10.3 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.816 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

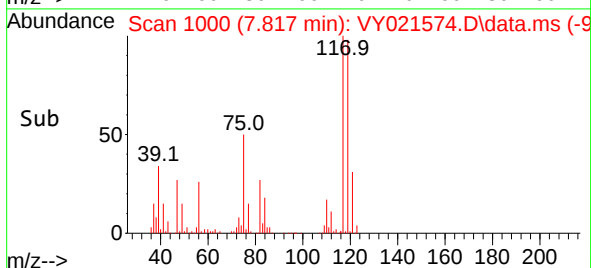
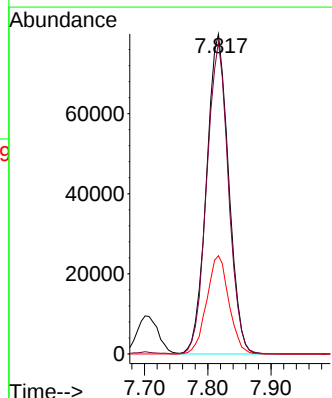
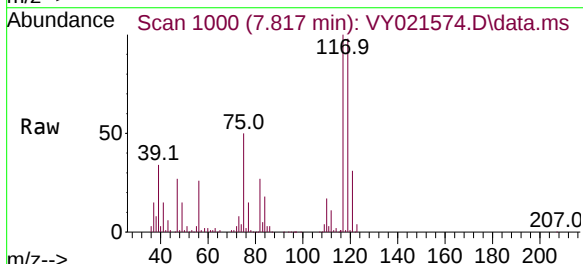
Tgt Ion: 117 Resp: 194773

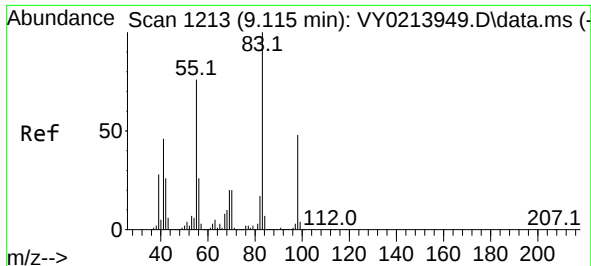
Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

121 30.7 23.9 35.9

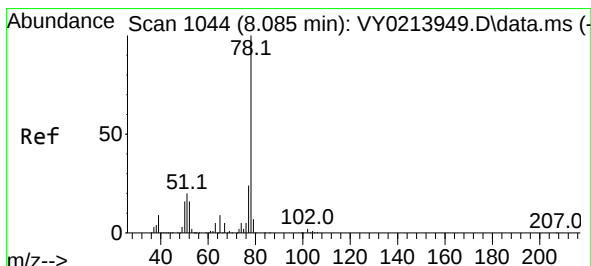
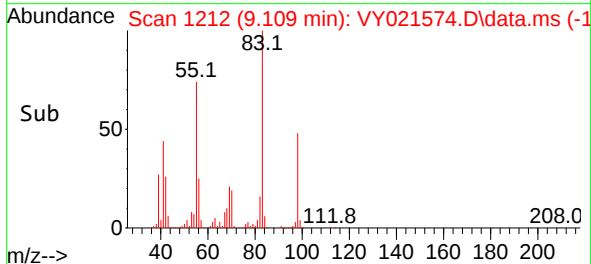
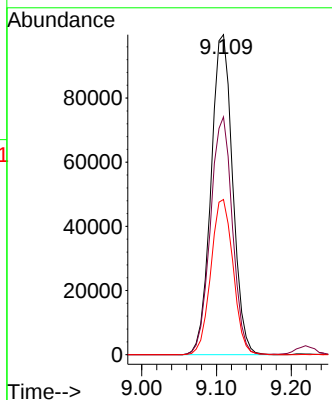
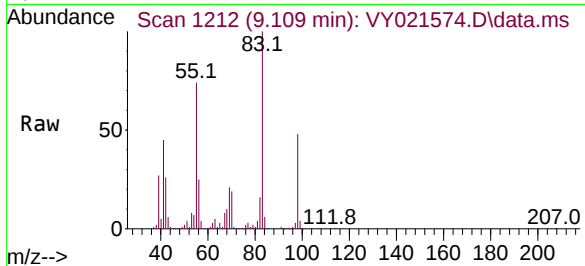




#39
Methylcyclohexane
Concen: 47.181 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

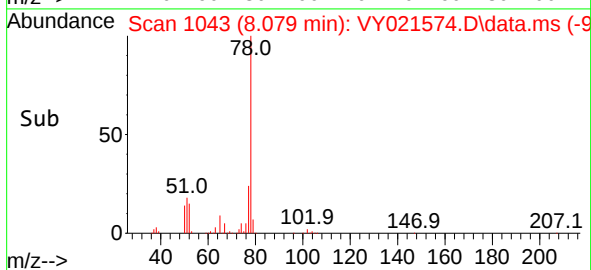
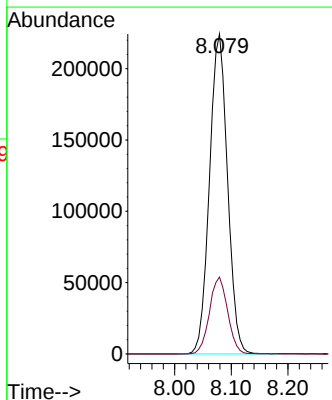
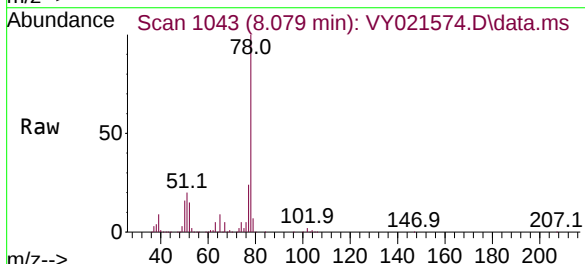
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

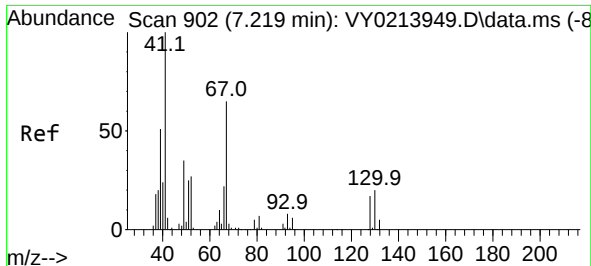
Tgt Ion: 83 Resp: 200777
Ion Ratio Lower Upper
83 100
55 74.3 60.7 91.1
98 48.5 38.6 57.8



#40
Benzene
Concen: 48.455 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 78 Resp: 495197
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

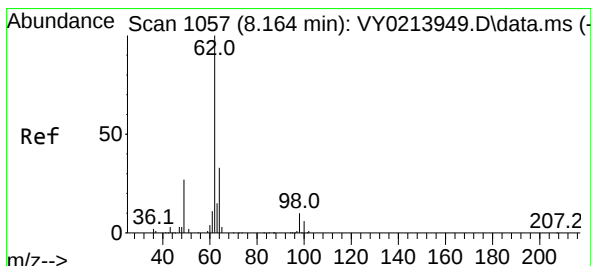
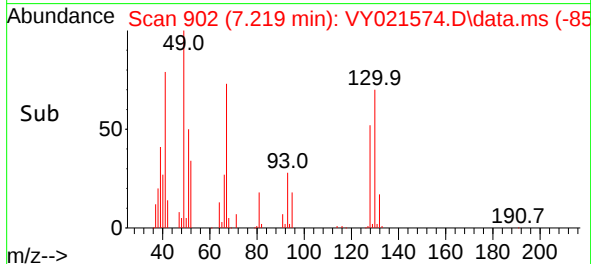
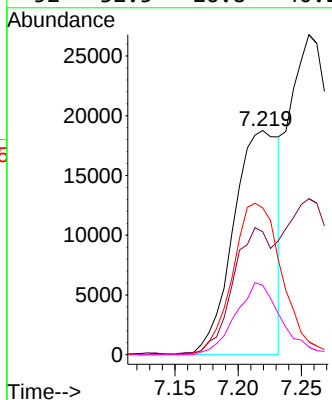
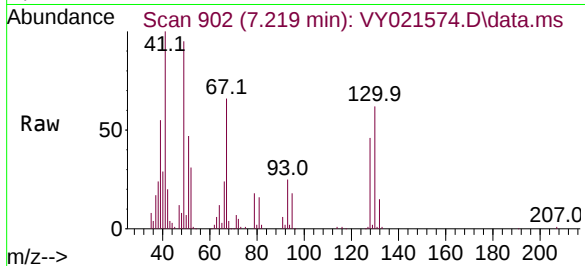




#41
Methacrylonitrile
Concen: 55.696 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

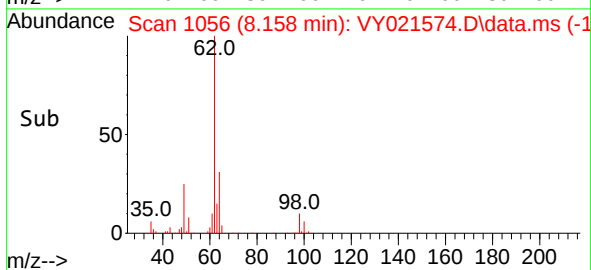
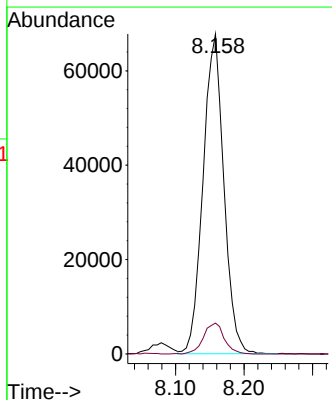
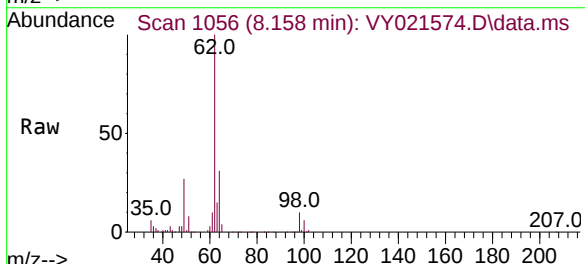
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

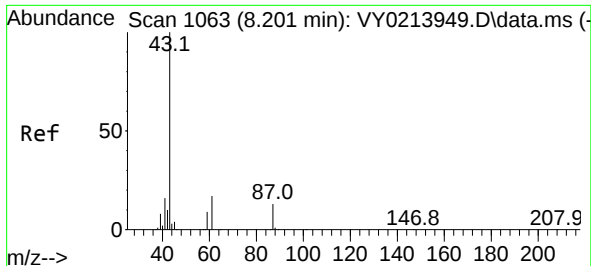
Tgt Ion:	41	Resp:	46502
Ion	Ratio	Lower	Upper
41	100		
39	47.2	35.0	52.6
67	74.9	61.2	91.8
52	32.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 50.042 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:	62	Resp:	143072
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

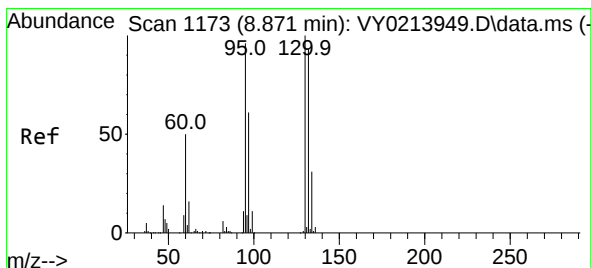
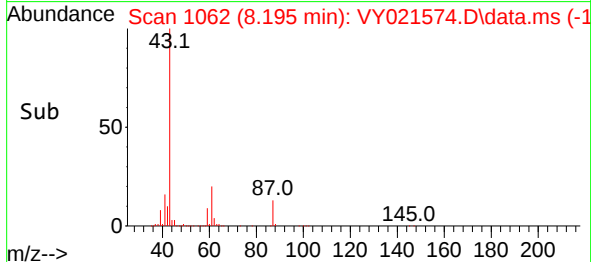
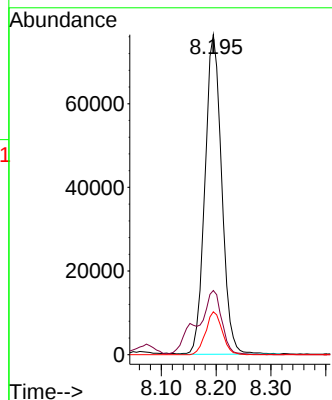
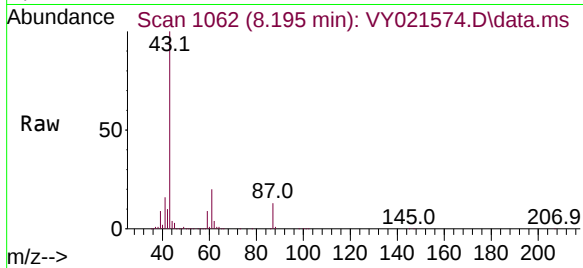




#43
Isopropyl Acetate
Concen: 54.274 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

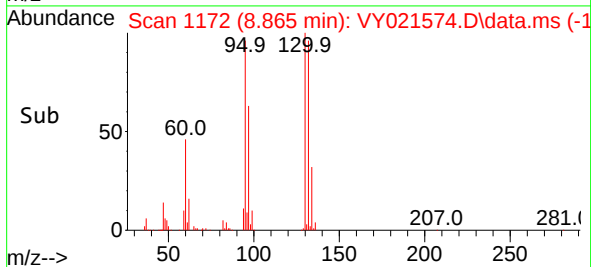
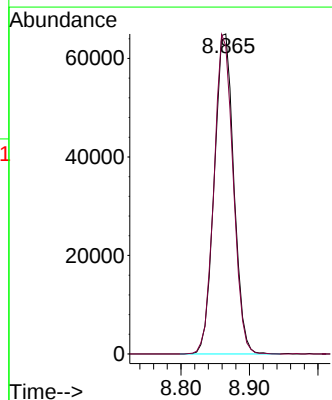
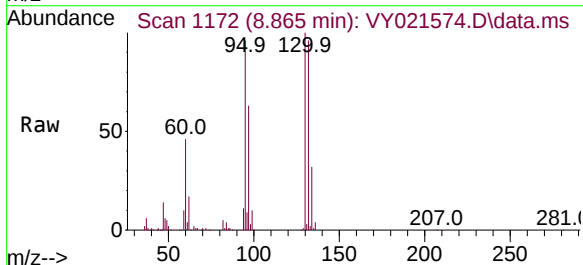
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 161556
Ion Ratio Lower Upper
43 100
61 21.4 23.4 35.0#
87 13.3 10.5 15.7



#44
Trichloroethene
Concen: 49.796 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:130 Resp: 128598
Ion Ratio Lower Upper
130 100
95 96.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 49.858 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

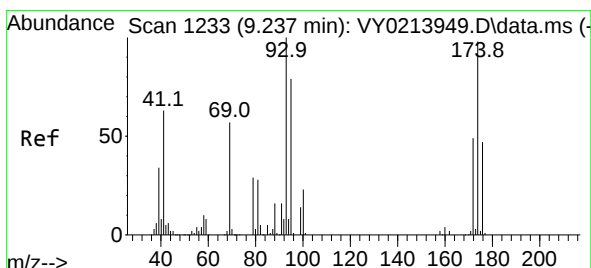
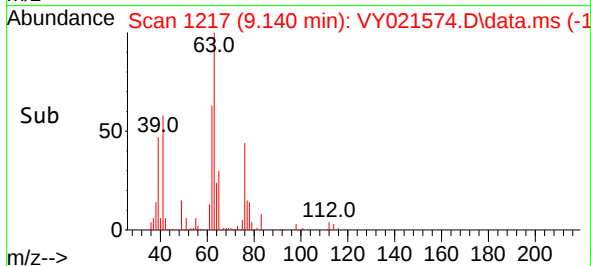
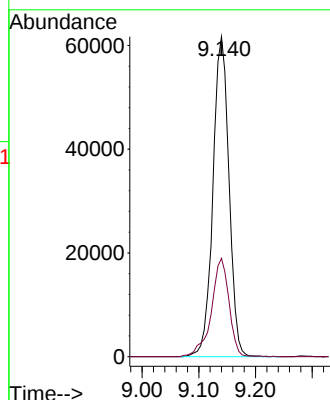
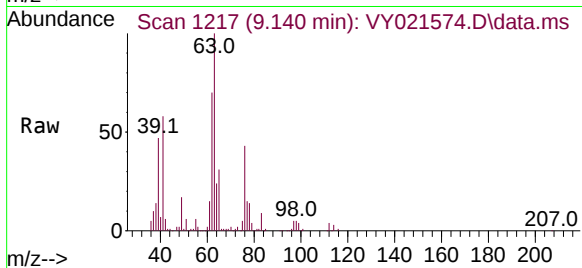
VSTDCCC050

Tgt Ion: 63 Resp: 121269

Ion Ratio Lower Upper

63 100

65 30.8 26.0 39.0



#46

Dibromomethane

Concen: 53.418 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

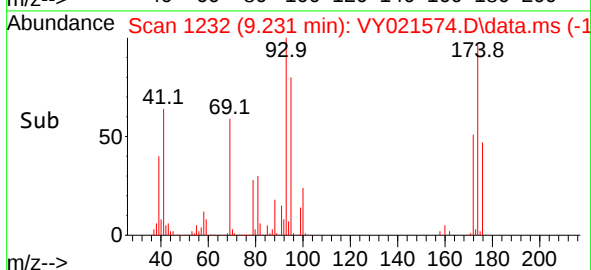
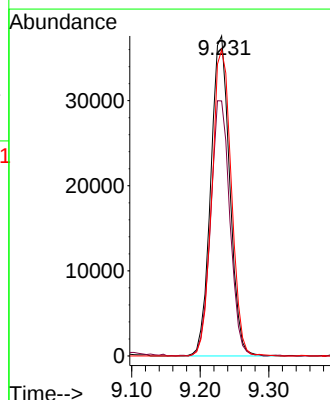
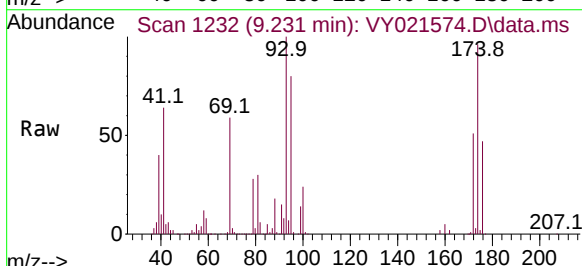
Tgt Ion: 93 Resp: 72294

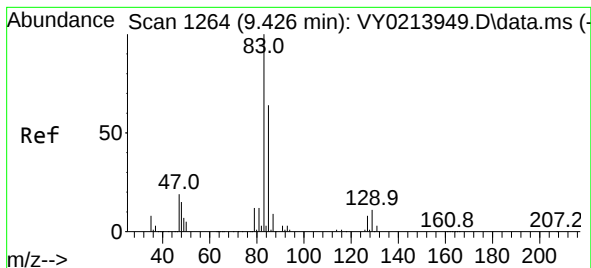
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.8

174 98.0 77.9 116.9





#47

Bromodichloromethane

Concen: 50.778 ug/l

RT: 9.420 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

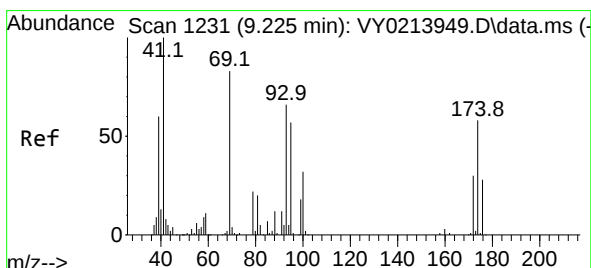
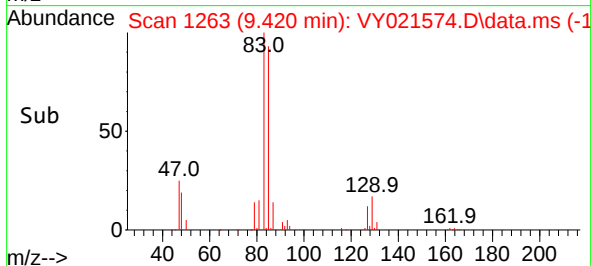
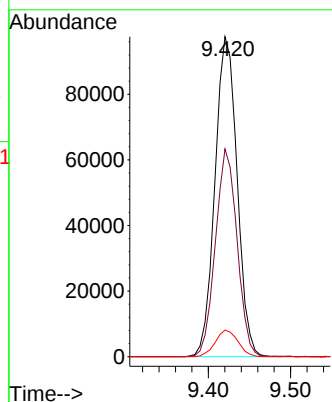
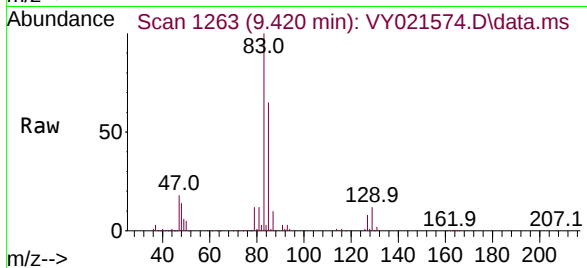
Tgt Ion: 83 Resp: 182499

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7

127 8.3 6.7 10.1



#48

Methyl methacrylate

Concen: 54.736 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

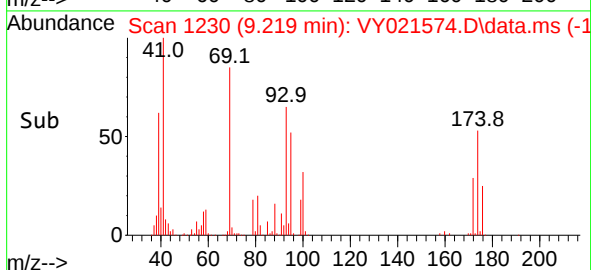
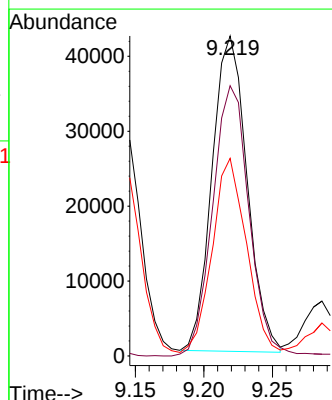
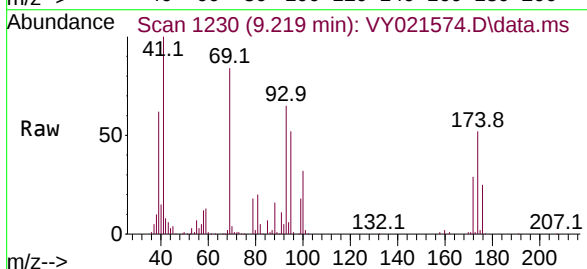
Tgt Ion: 41 Resp: 74817

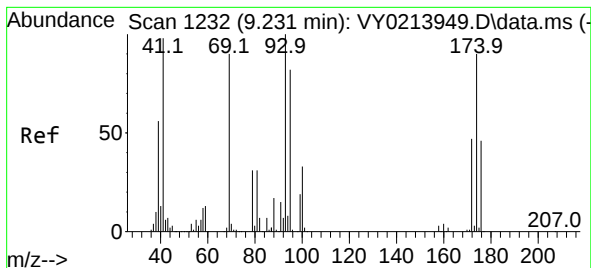
Ion Ratio Lower Upper

41 100

69 90.0 67.8 101.8

39 60.1 46.4 69.6





#49

1,4-Dioxane

Concen: 1322.530 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

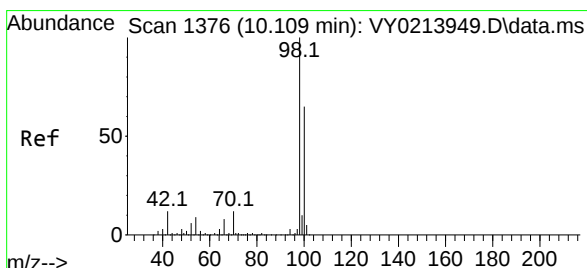
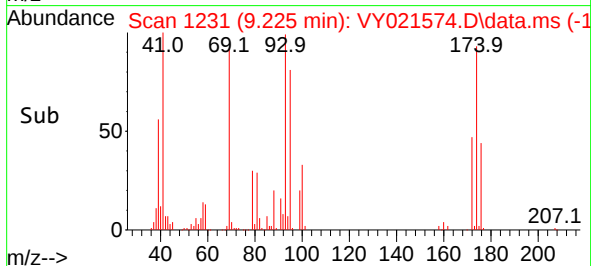
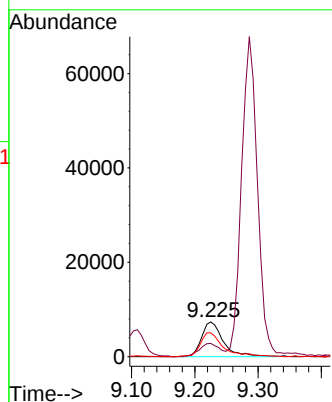
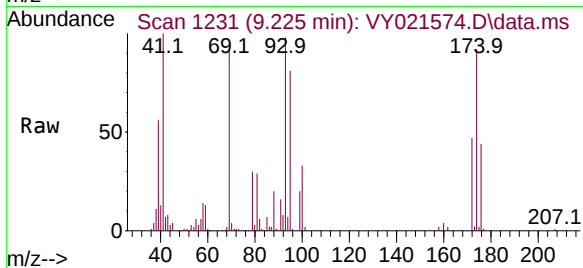
Tgt Ion: 88 Resp: 17568

Ion Ratio Lower Upper

88 100

43 37.1 25.0 37.4

58 73.5 58.4 87.6



#50

Toluene-d8

Concen: 51.976 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021574.D

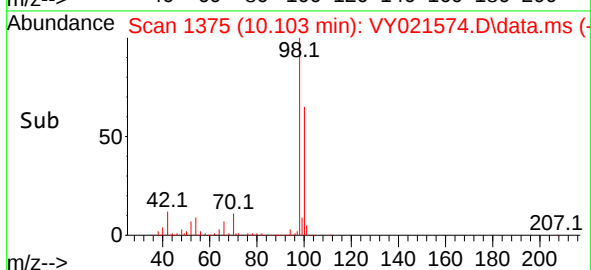
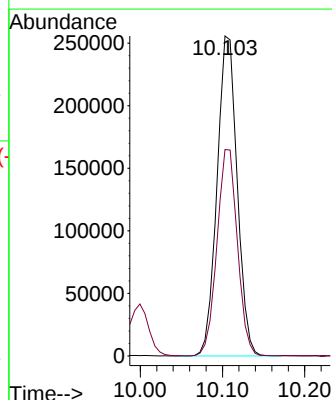
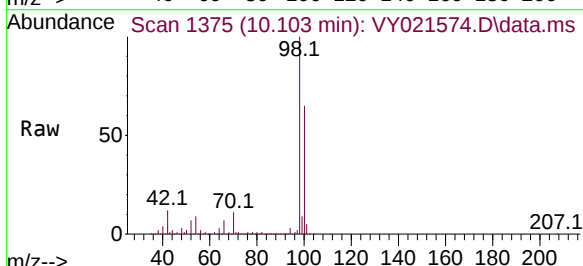
Acq: 20 Mar 2025 11:09

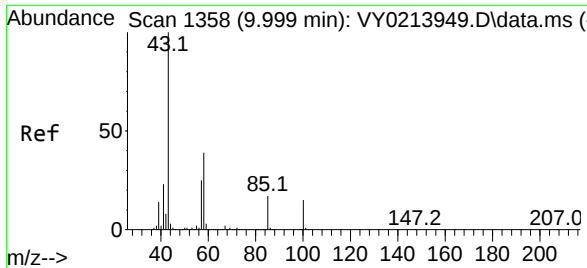
Tgt Ion: 98 Resp: 436168

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

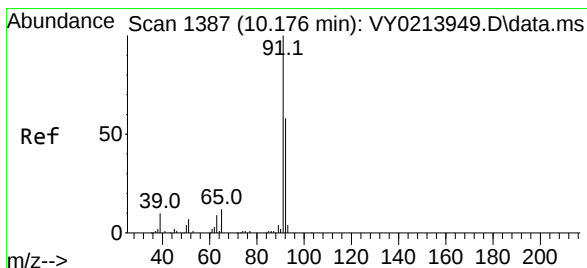
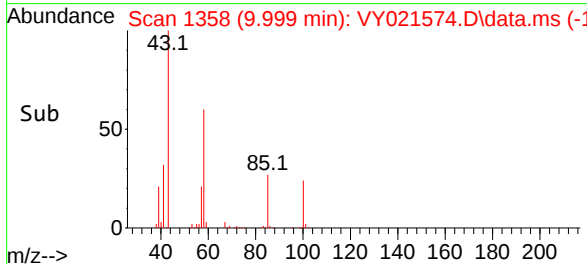
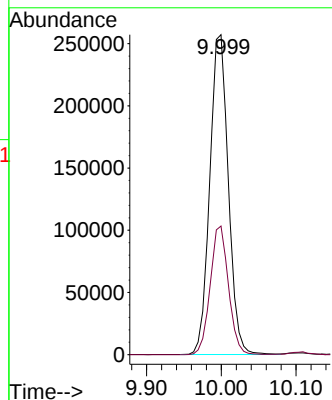
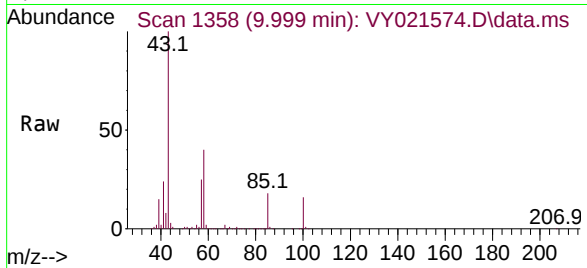




#51
4-Methyl-2-Pentanone
Concen: 288.587 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

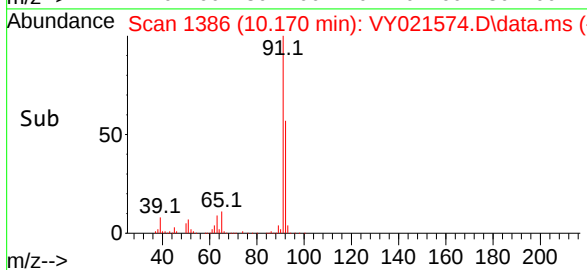
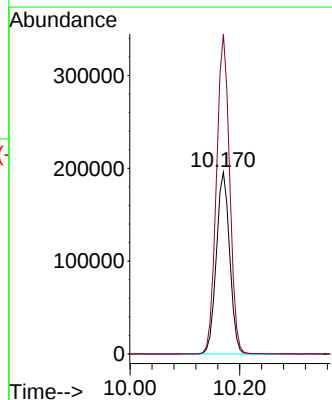
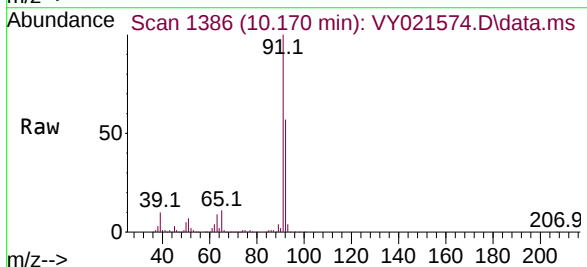
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

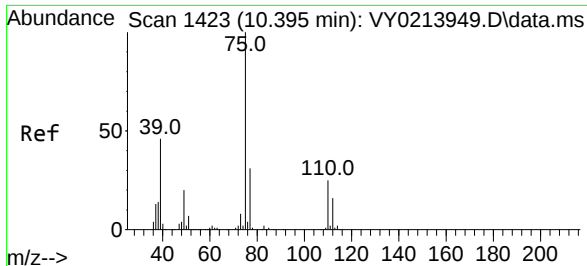
Tgt Ion: 43 Resp: 443231
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.2



#52
Toluene
Concen: 51.098 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 92 Resp: 329232
Ion Ratio Lower Upper
92 100
91 174.6 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 51.604 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

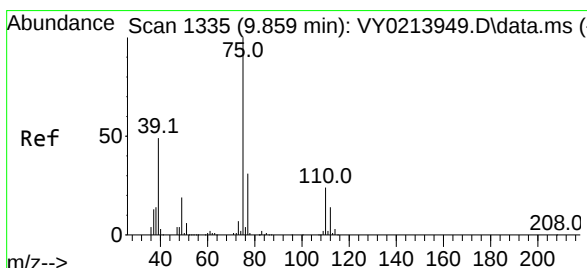
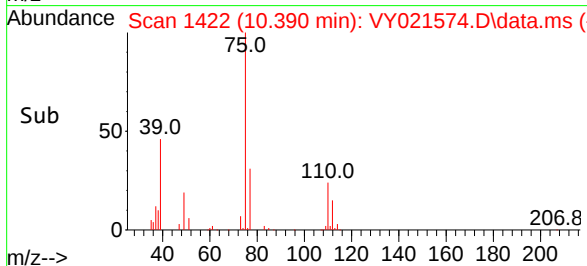
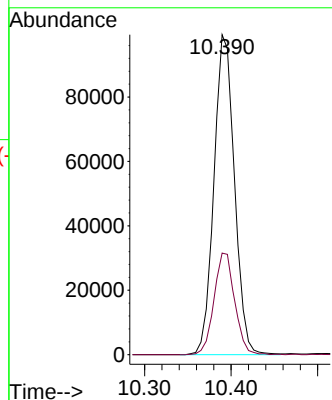
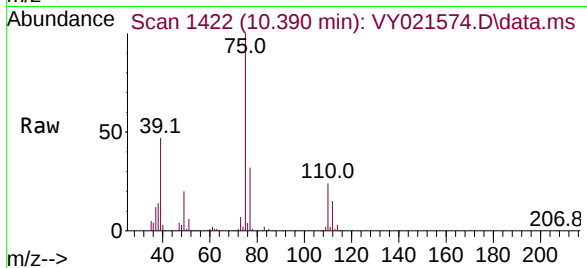
VSTDCCC050

Tgt Ion: 75 Resp: 163401

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.525 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

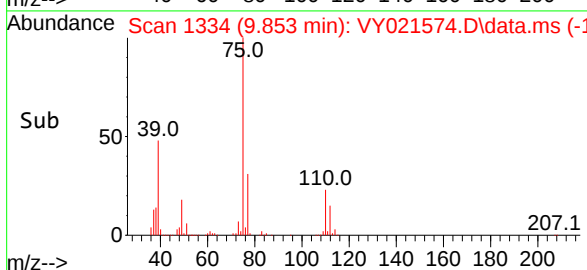
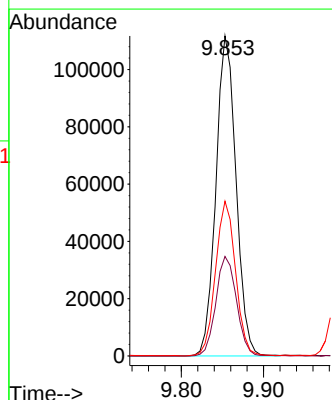
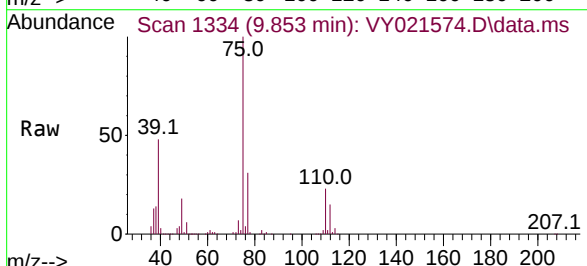
Tgt Ion: 75 Resp: 189945

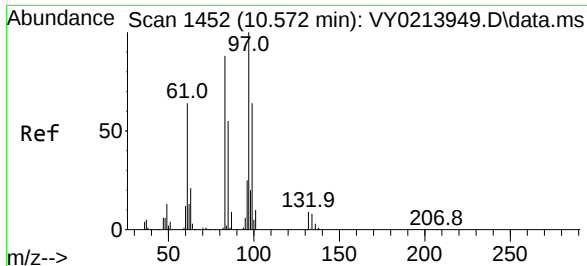
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 48.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 52.952 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 93743

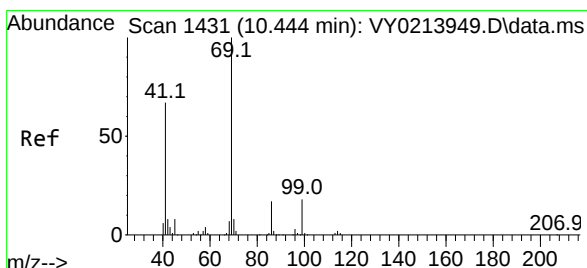
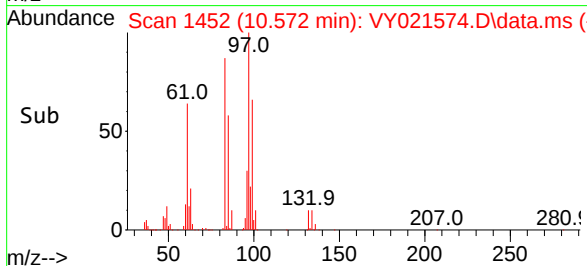
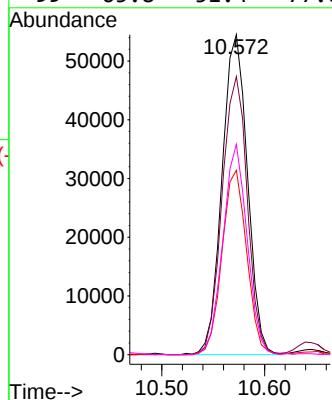
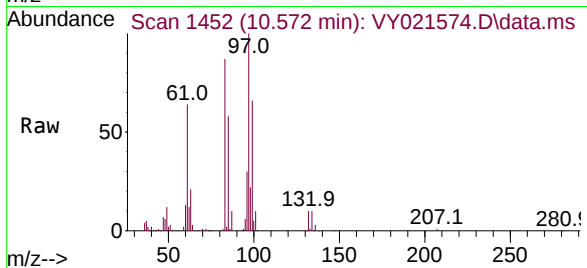
Ion Ratio Lower Upper

97 100

83 86.9 70.0 105.0

85 57.7 44.3 66.5

99 65.8 51.4 77.0



#56

Ethyl methacrylate

Concen: 57.314 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

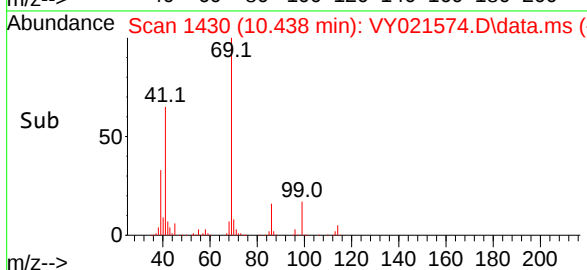
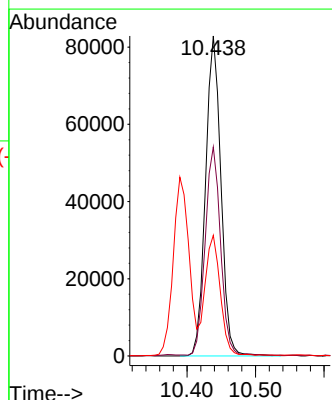
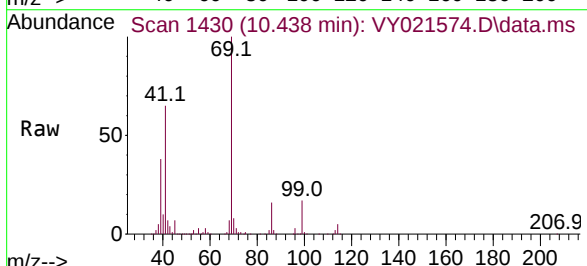
Tgt Ion: 69 Resp: 129404

Ion Ratio Lower Upper

69 100

41 65.7 53.3 79.9

39 37.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 52.268 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

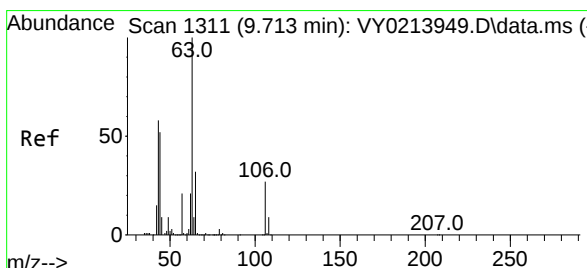
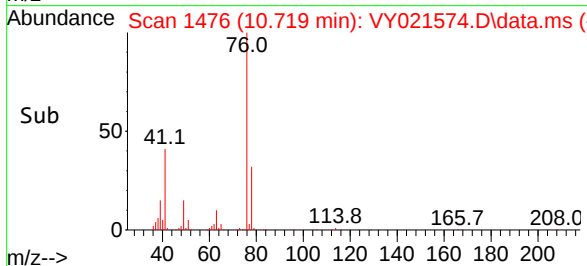
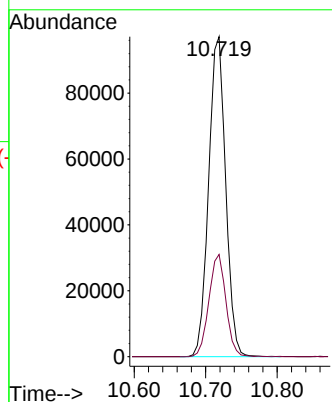
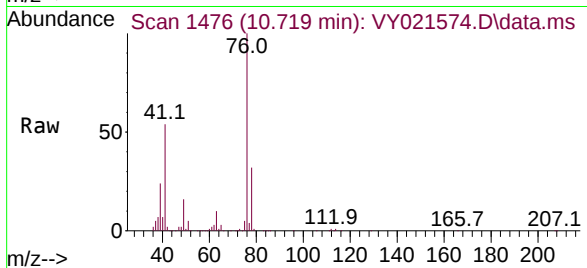
VSTDCCC050

Tgt Ion: 76 Resp: 160374

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 276.147 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021574.D

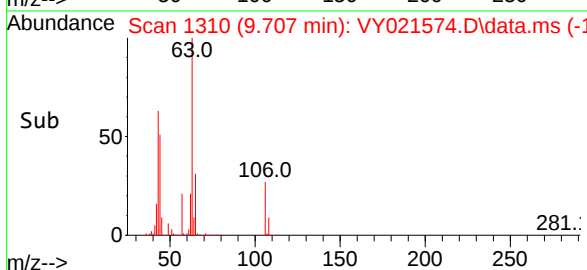
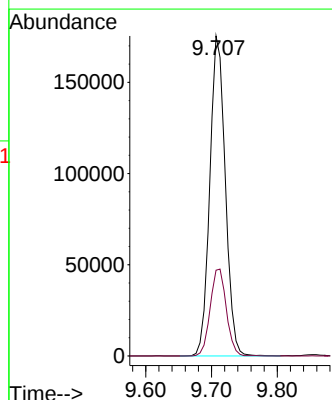
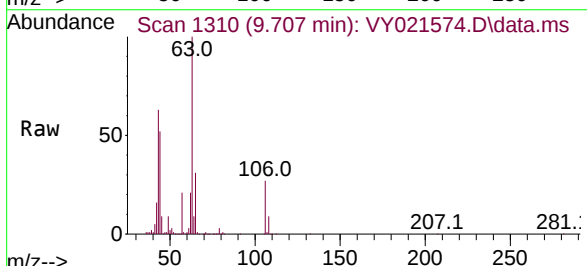
Acq: 20 Mar 2025 11:09

Tgt Ion: 63 Resp: 287815

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1





#59

2-Hexanone

Concen: 290.862 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

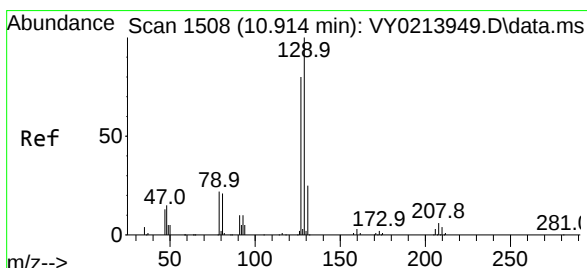
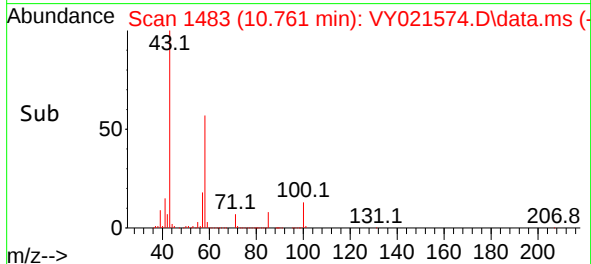
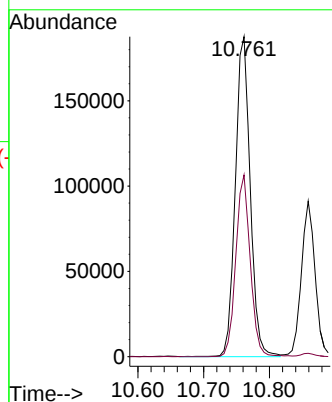
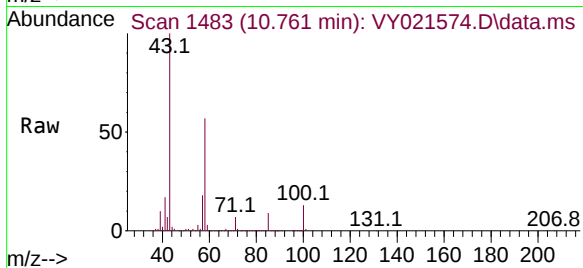
VSTDCCC050

Tgt Ion: 43 Resp: 295385

Ion Ratio Lower Upper

43 100

58 55.2 27.3 81.8



#60

Dibromochloromethane

Concen: 52.360 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021574.D

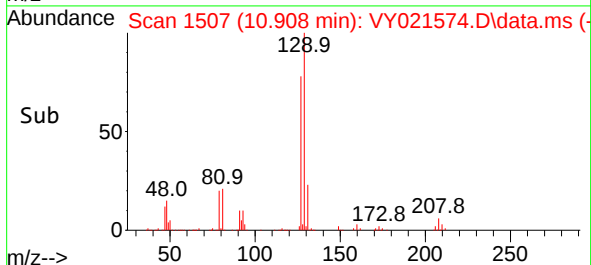
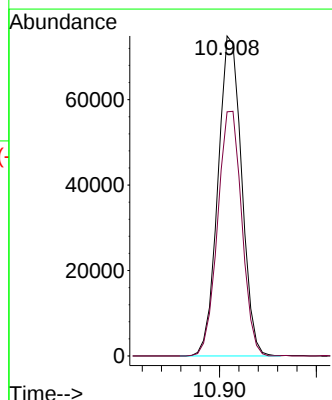
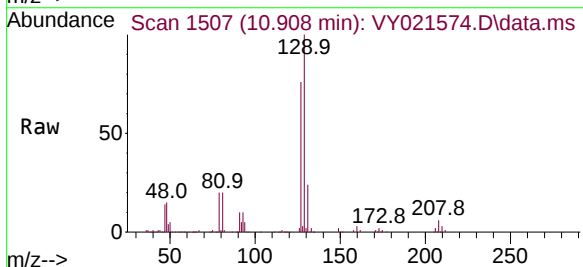
Acq: 20 Mar 2025 11:09

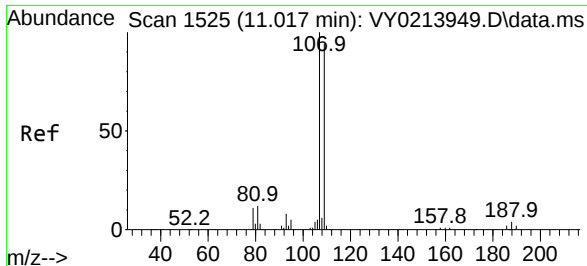
Tgt Ion: 129 Resp: 127078

Ion Ratio Lower Upper

129 100

127 77.9 39.1 117.3

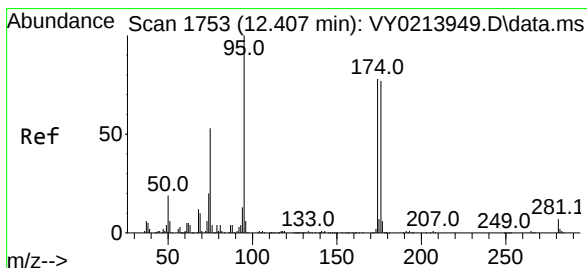
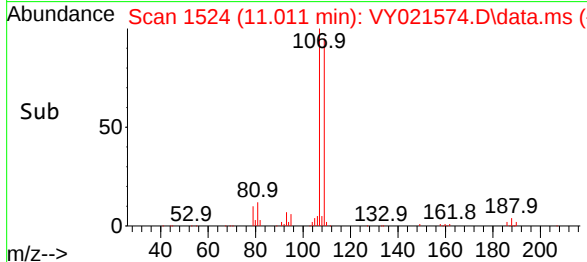
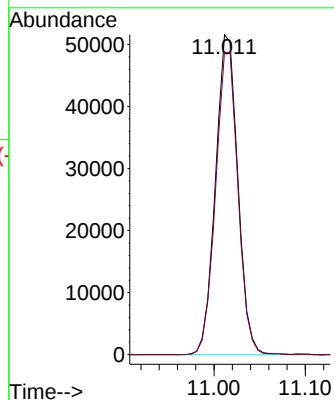
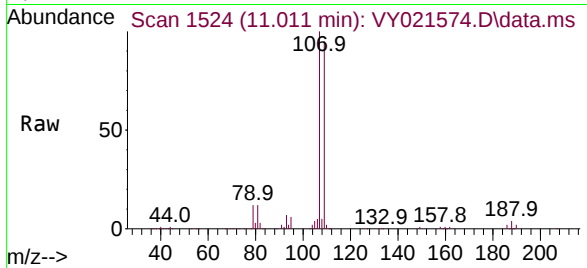




#61
1,2-Dibromoethane
Concen: 52.470 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

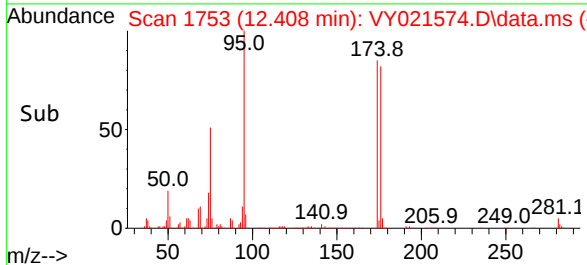
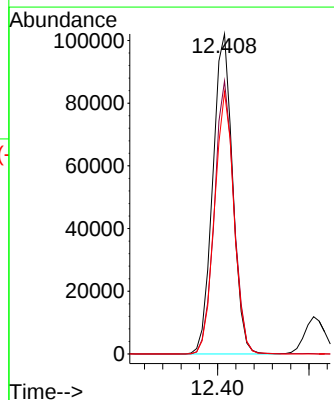
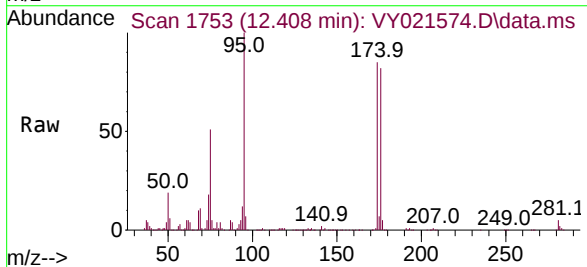
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

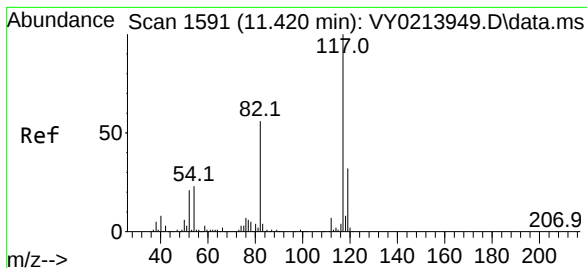
Tgt Ion:107 Resp: 87667
Ion Ratio Lower Upper
107 100
109 94.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 53.818 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 95 Resp: 153625
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.4 0.0 160.0

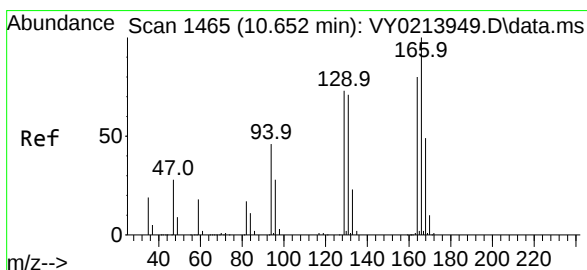
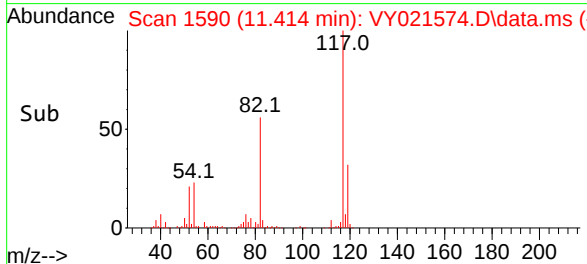
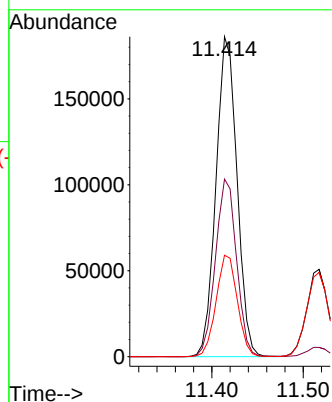
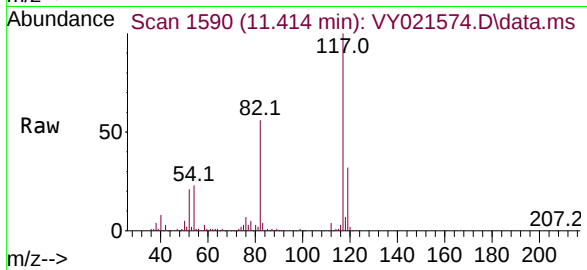




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

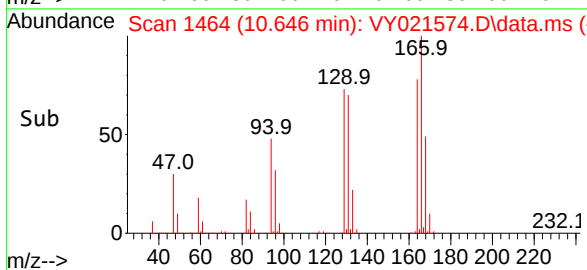
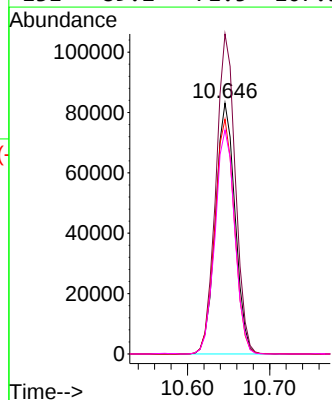
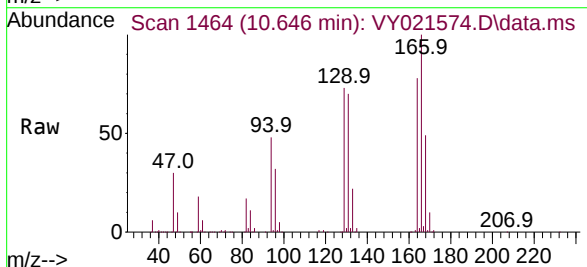
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

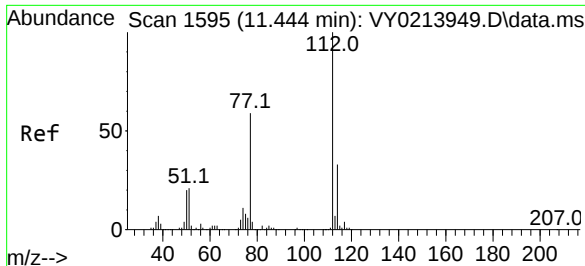
Tgt Ion:117 Resp: 298070
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 56.739 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:164 Resp: 137523
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 93.6 73.8 110.8
131 89.2 71.5 107.3

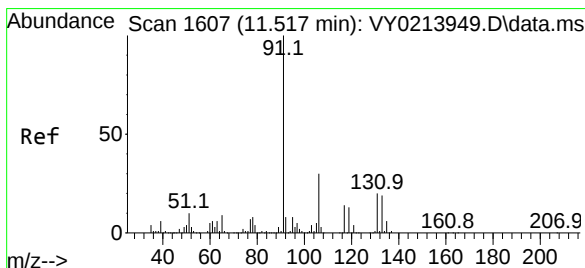
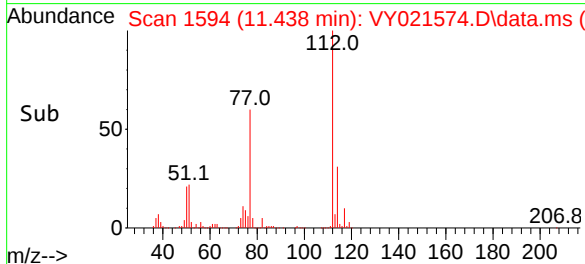
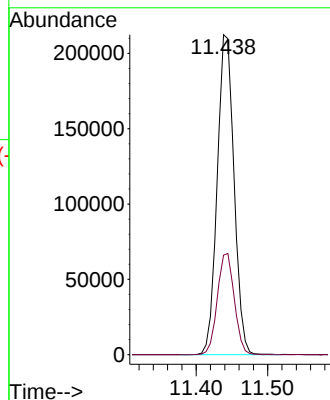
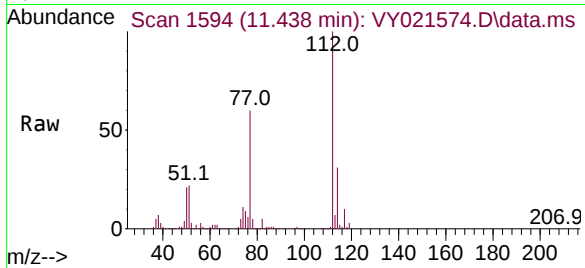




#65
Chlorobenzene
Concen: 49.292 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

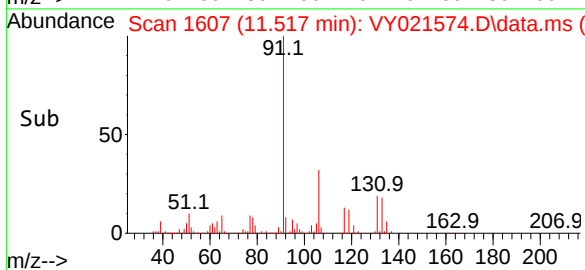
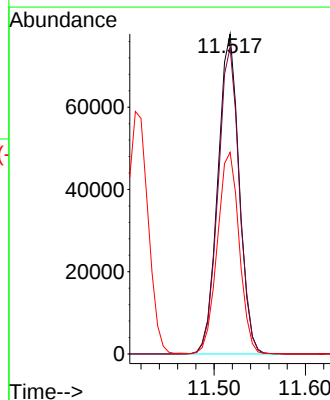
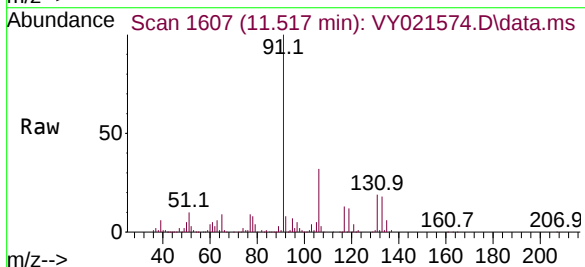
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

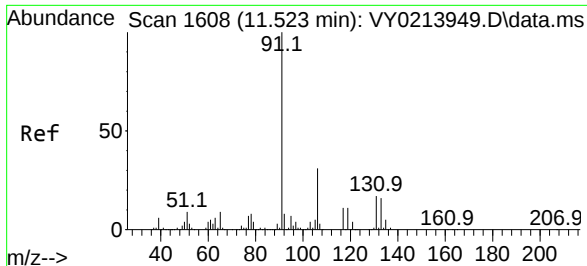
Tgt Ion:112 Resp: 346955
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.504 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:131 Resp: 125682
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.9 32.3 96.9





#67

Ethyl Benzene

Concen: 49.491 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

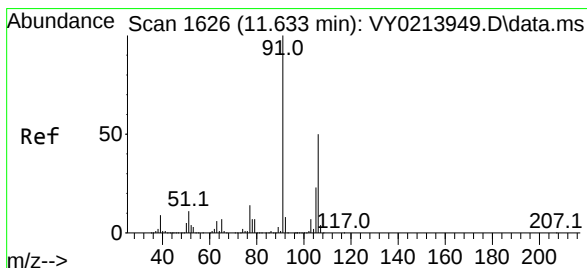
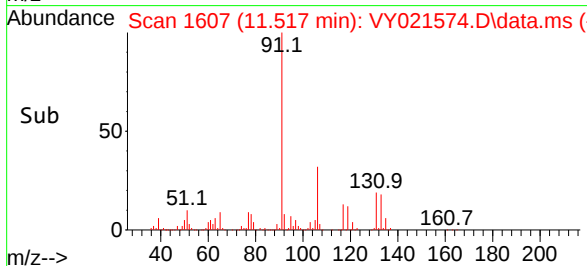
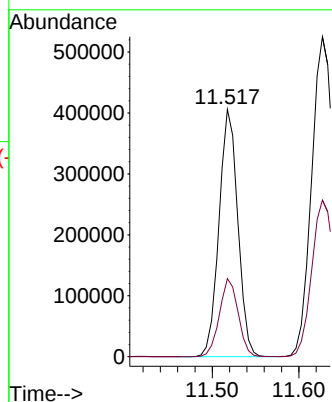
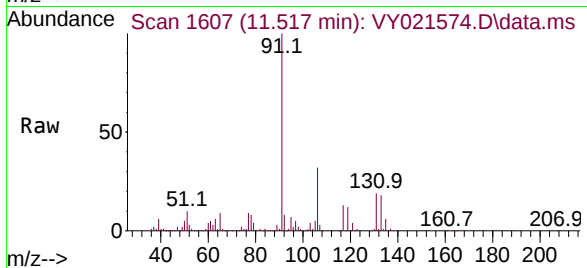
VSTDCCC050

Tgt Ion: 91 Resp: 611432

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 99.997 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021574.D

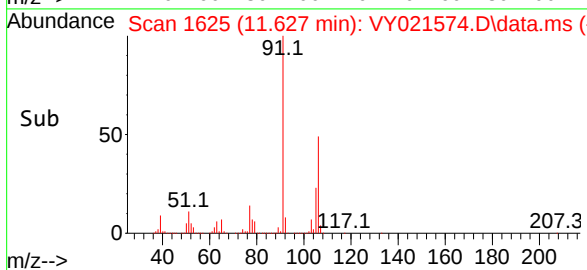
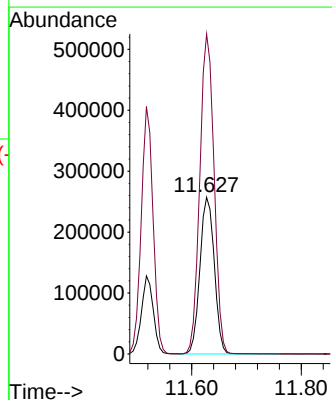
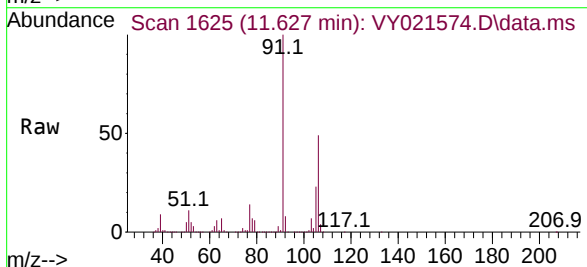
Acq: 20 Mar 2025 11:09

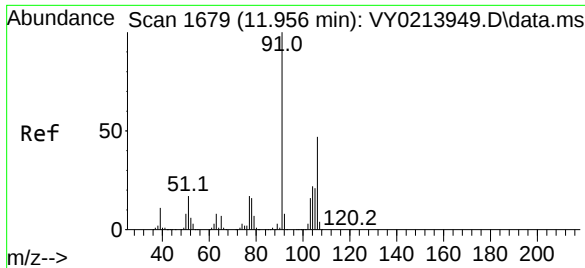
Tgt Ion:106 Resp: 469024

Ion Ratio Lower Upper

106 100

91 202.4 161.7 242.5

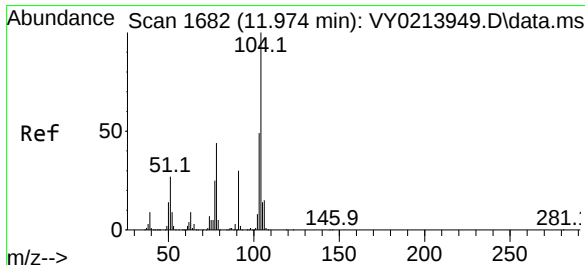
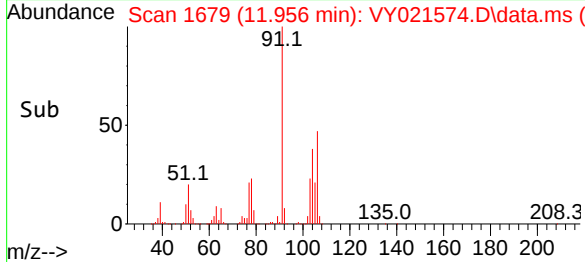
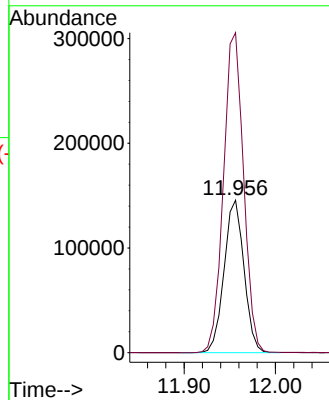
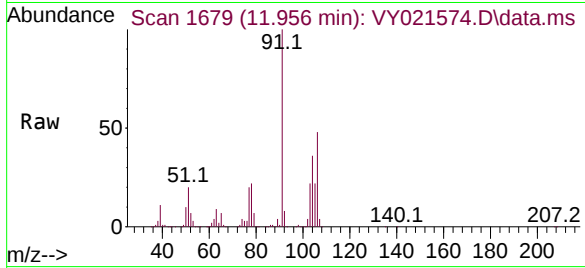




#69
o-Xylene
Concen: 51.085 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

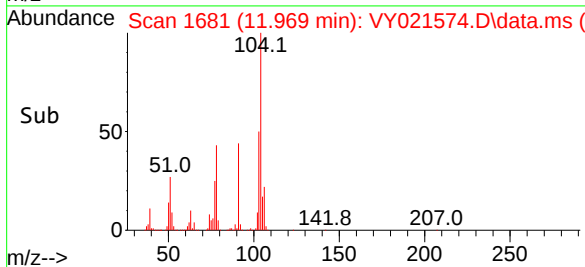
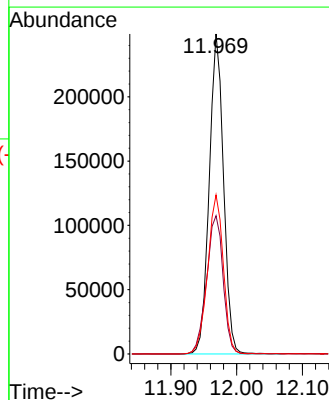
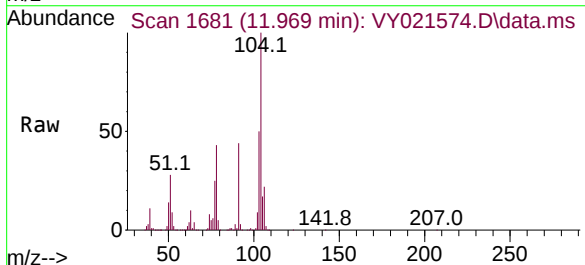
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

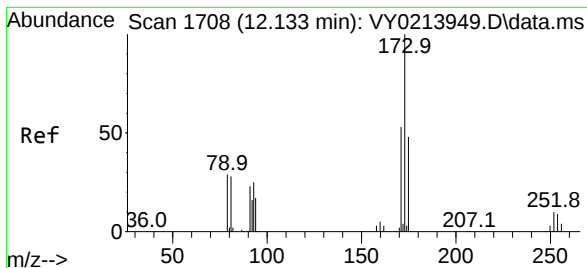
Tgt Ion:106 Resp: 220832
Ion Ratio Lower Upper
106 100
91 212.5 107.6 322.8



#70
Styrene
Concen: 52.633 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:104 Resp: 377454
Ion Ratio Lower Upper
104 100
78 49.8 40.7 61.1
103 54.5 44.1 66.1

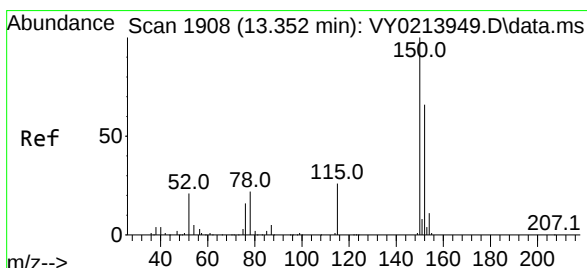
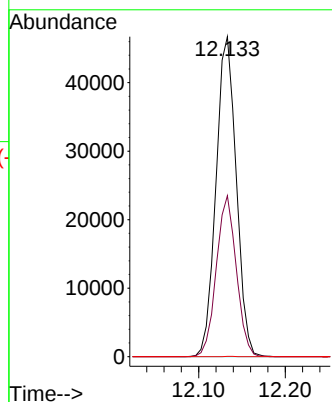
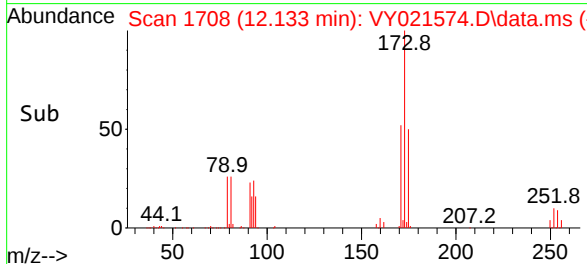
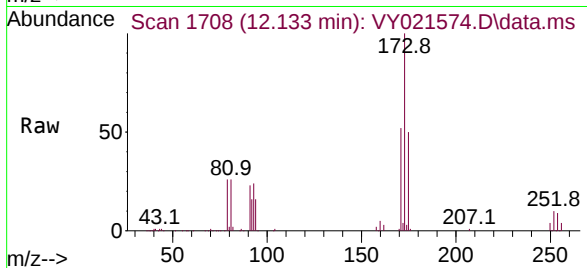




#71
Bromoform
Concen: 54.518 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

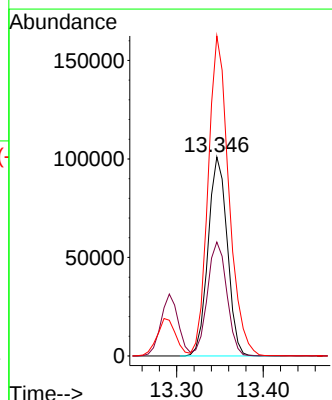
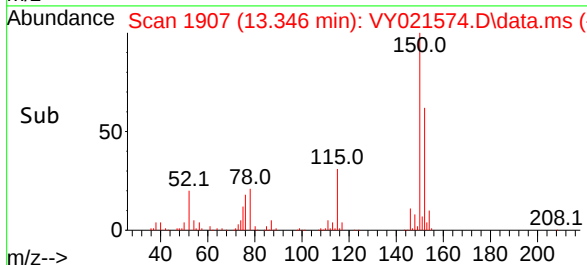
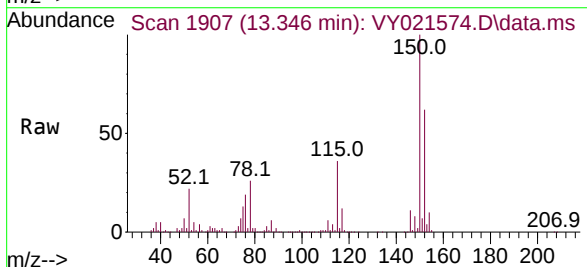
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

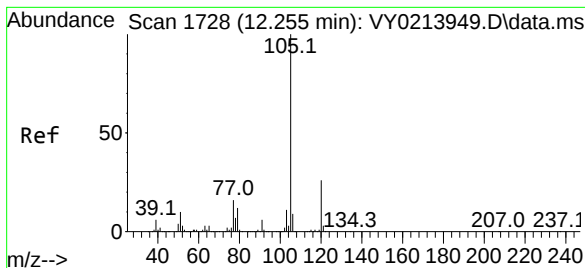
Tgt Ion:173 Resp: 75841
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:152 Resp: 155271
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 173.6 0.0 347.2

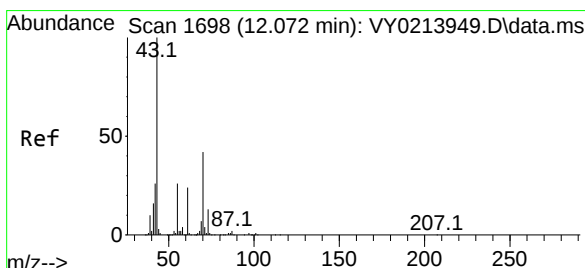
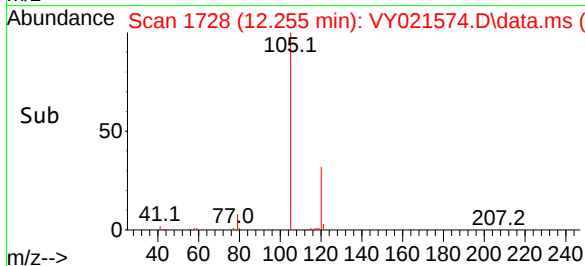
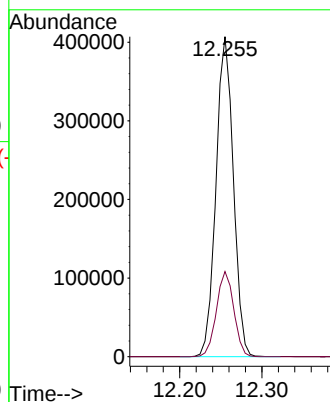
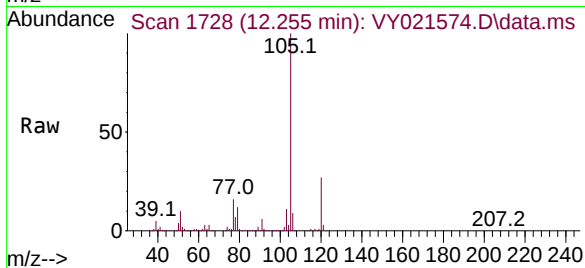




#73
Isopropylbenzene
Concen: 48.835 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

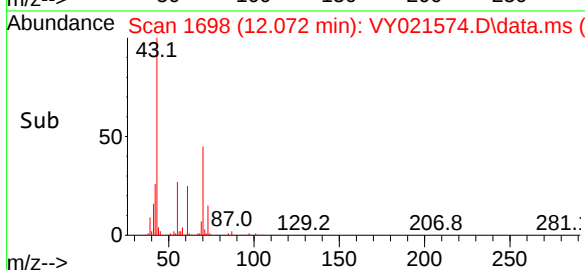
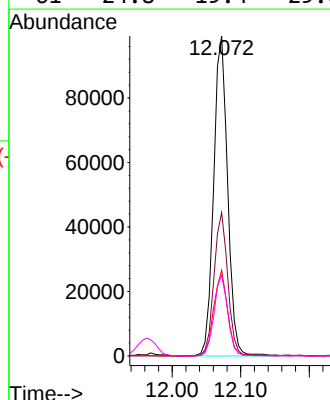
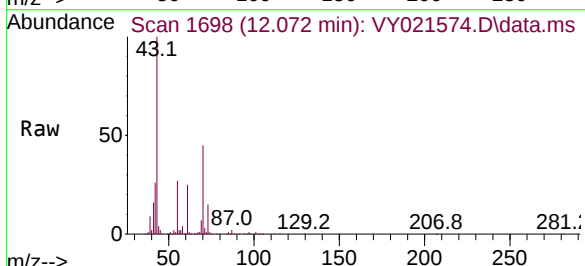
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

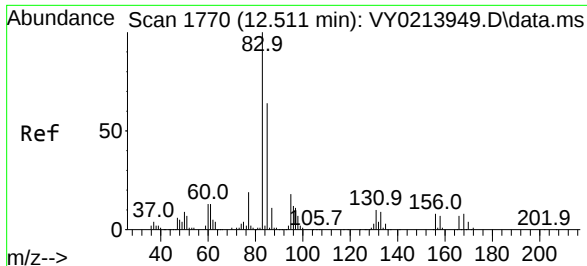
Tgt Ion:105 Resp: 597306
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 52.947 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 43 Resp: 140643
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 26.5 21.1 31.7
61 24.8 19.4 29.0

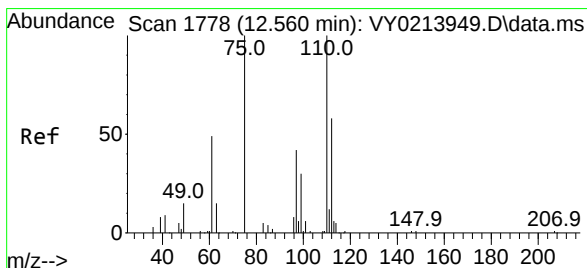
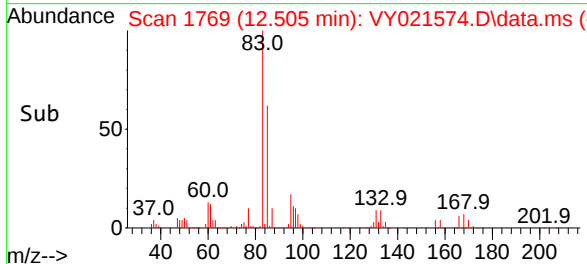
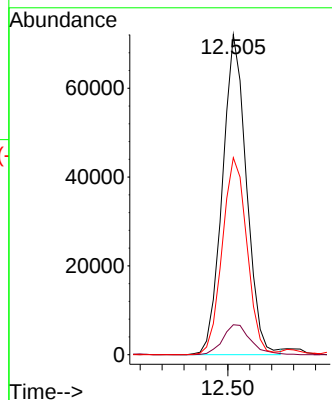
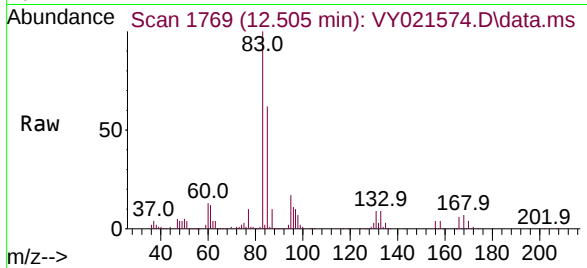




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.823 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

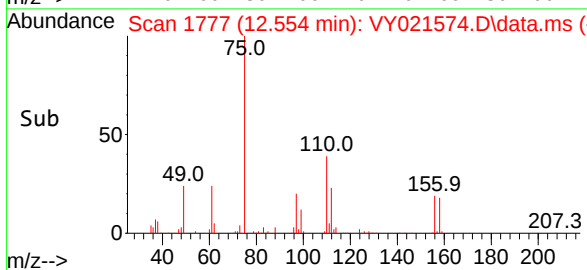
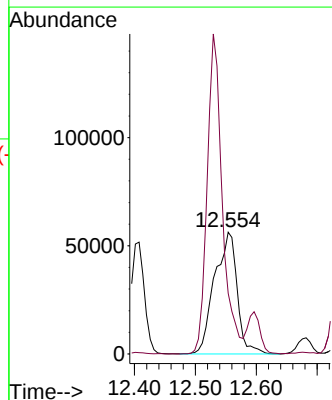
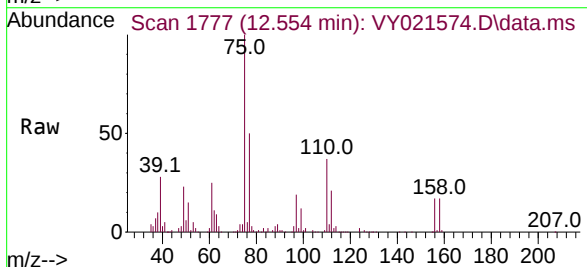
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

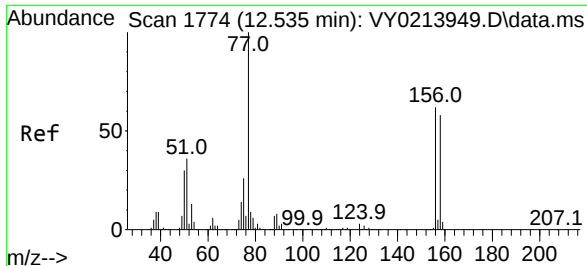
Tgt Ion: 83 Resp: 109695
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 63.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 92.951 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion: 75 Resp: 145435
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

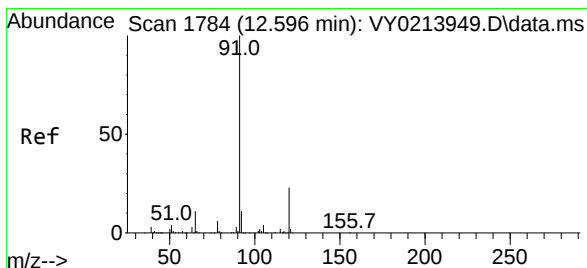
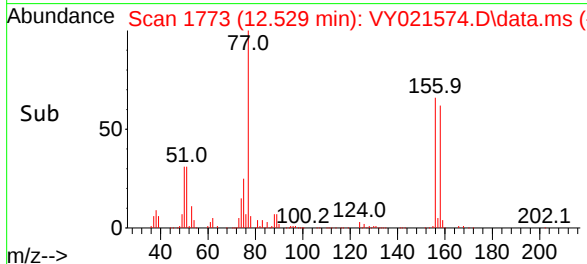
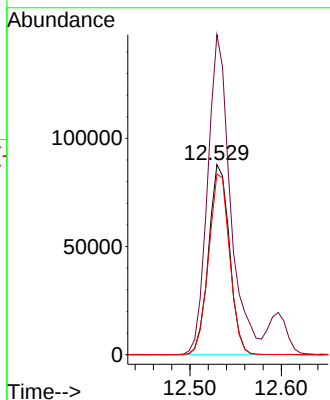
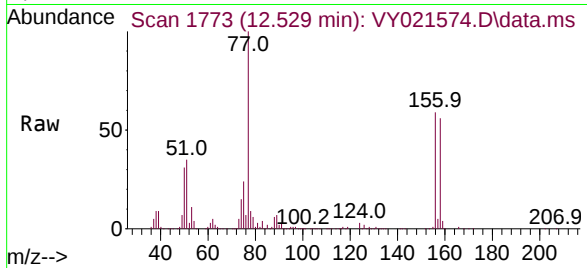




#77
Bromobenzene
Concen: 48.583 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

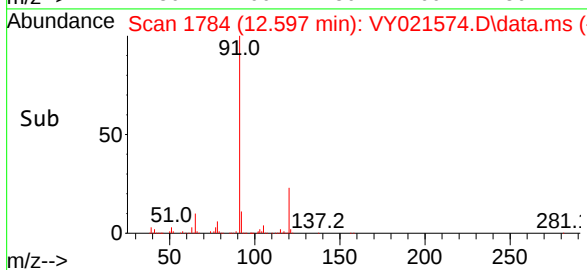
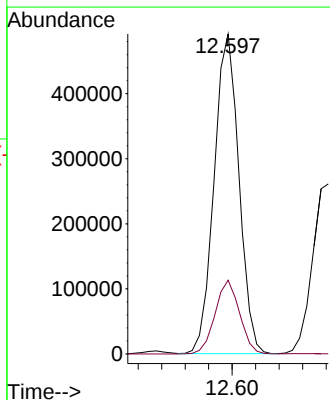
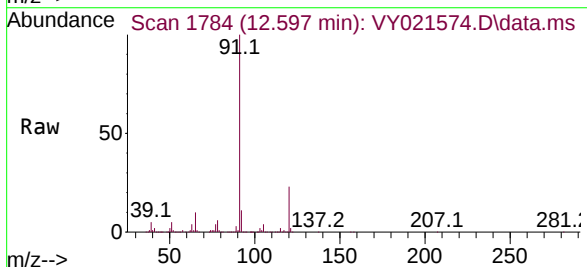
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

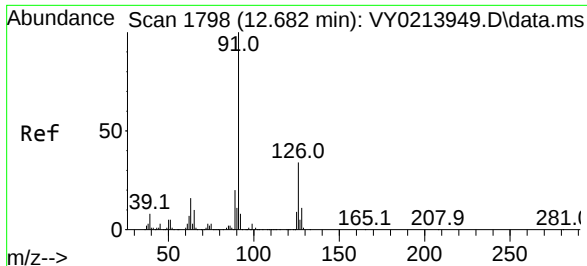
Tgt Ion:156 Resp: 139019
Ion Ratio Lower Upper
156 100
77 184.7 93.6 280.8
158 95.8 48.3 144.8



#78
n-propylbenzene
Concen: 48.522 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 91 Resp: 720756
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 48.268 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

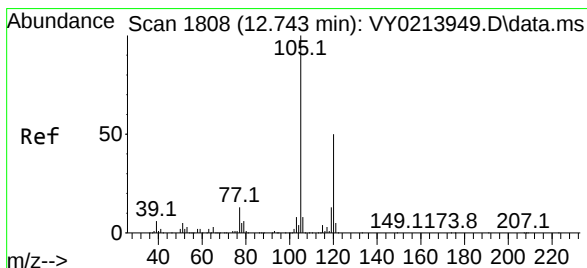
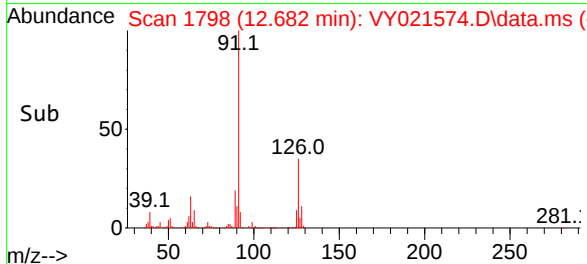
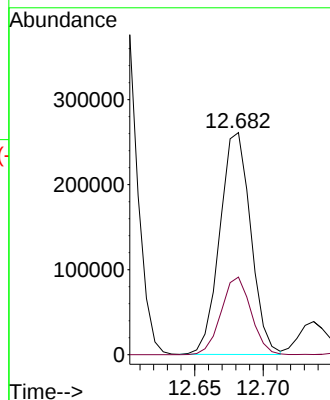
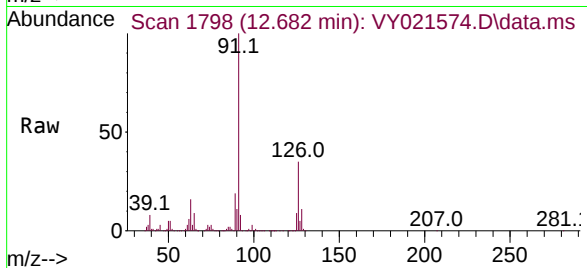
VSTDCCC050

Tgt Ion: 91 Resp: 409969

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 49.112 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021574.D

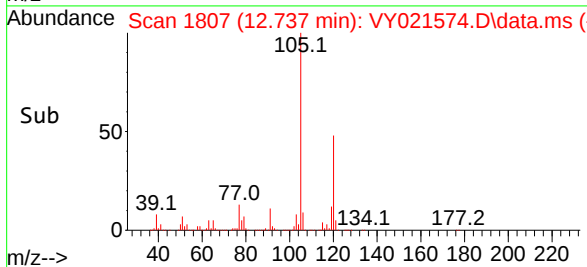
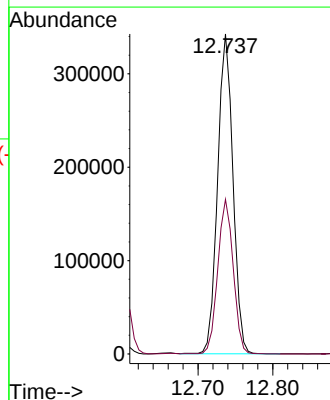
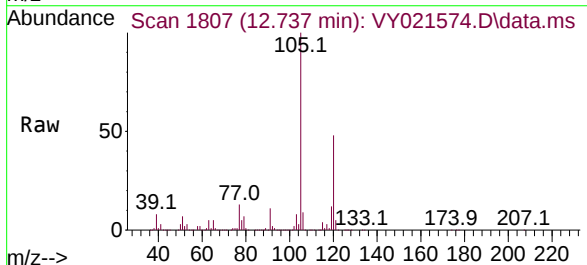
Acq: 20 Mar 2025 11:09

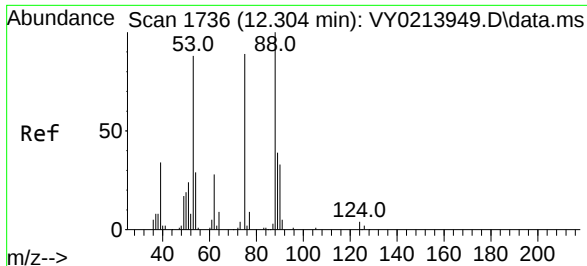
Tgt Ion: 105 Resp: 488166

Ion Ratio Lower Upper

105 100

120 48.8 24.6 73.6

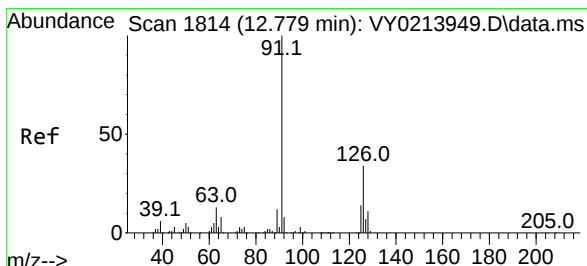
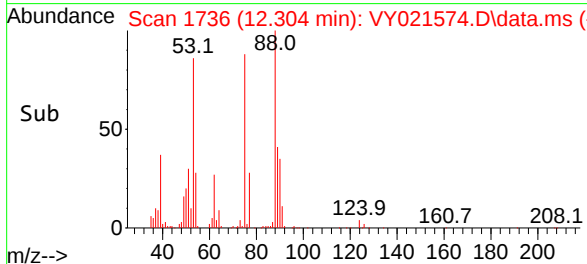
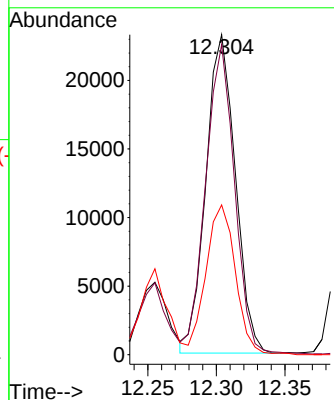
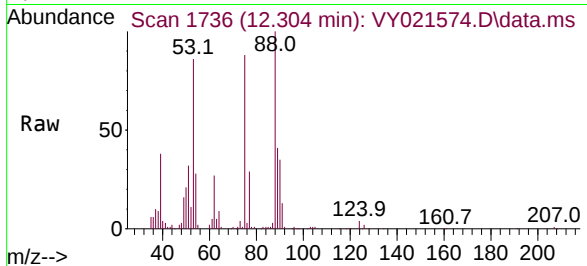




#81
trans-1,4-Dichloro-2-butene
Concen: 50.345 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

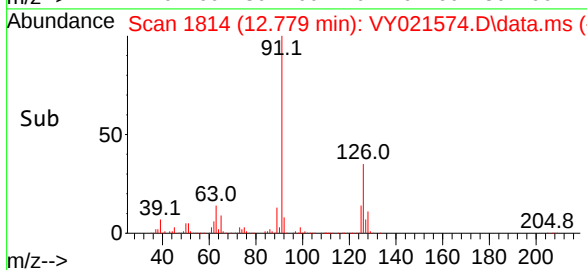
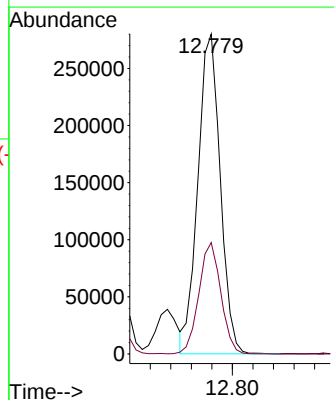
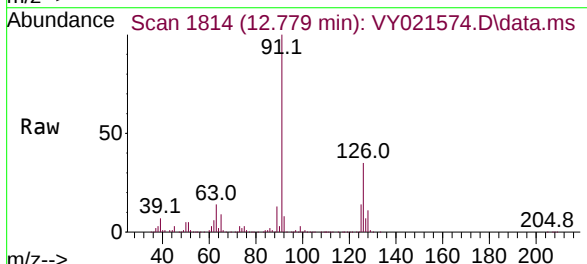
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

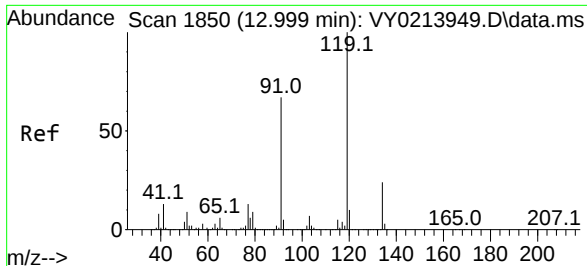
Tgt Ion: 75 Resp: 34651
Ion Ratio Lower Upper
75 100
53 95.7 81.0 121.4
89 47.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.149 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 91 Resp: 423488
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0

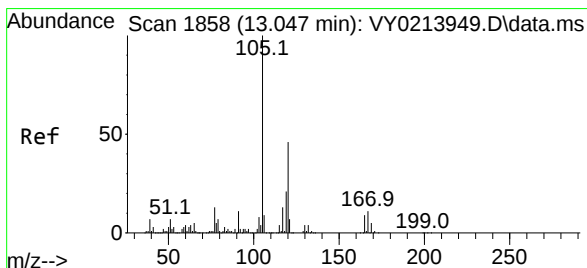
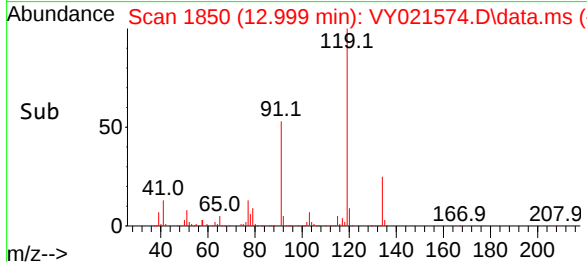
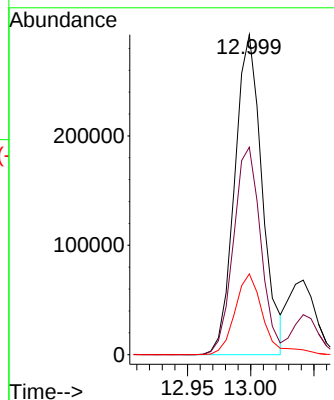
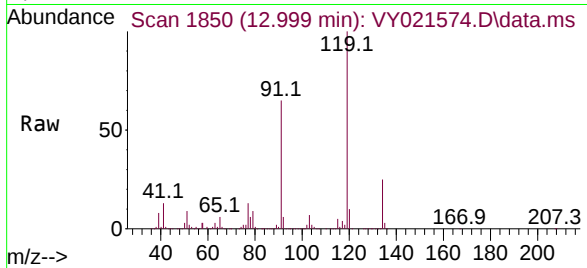




#83
 tert-Butylbenzene
 Concen: 49.917 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

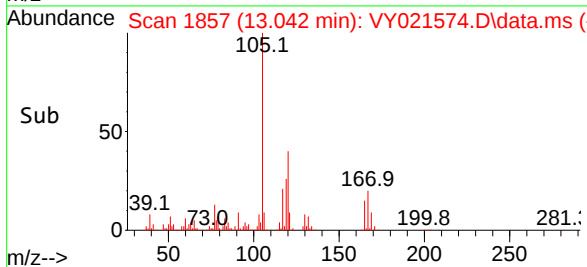
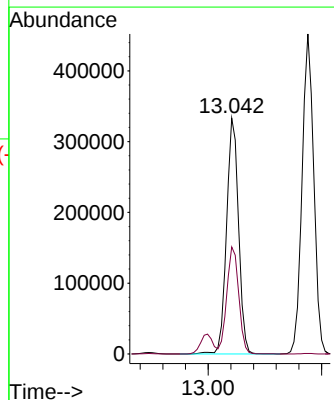
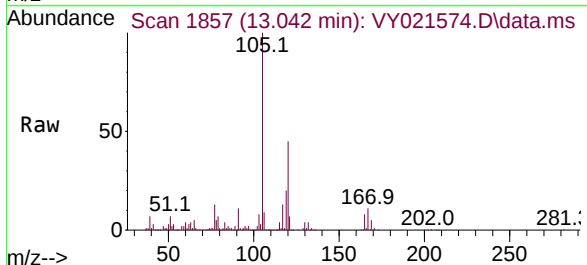
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

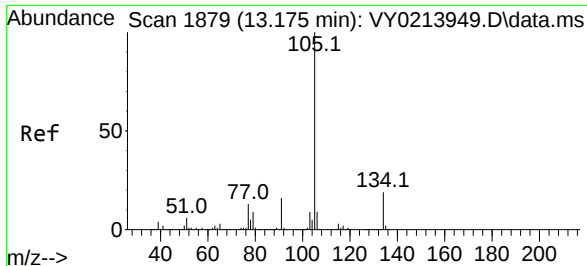
Tgt Ion:119 Resp: 442622
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.2 99.6
 134 26.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.508 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion:105 Resp: 488589
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1

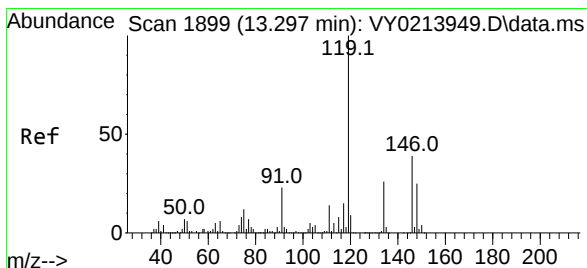
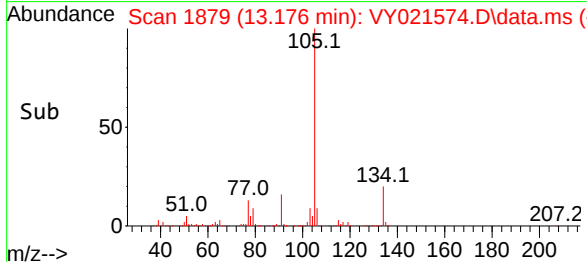
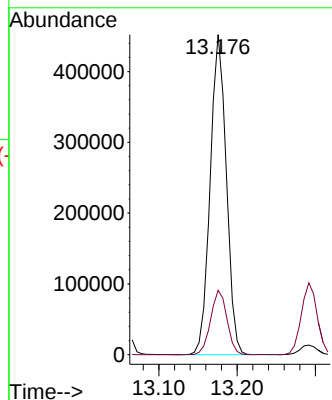
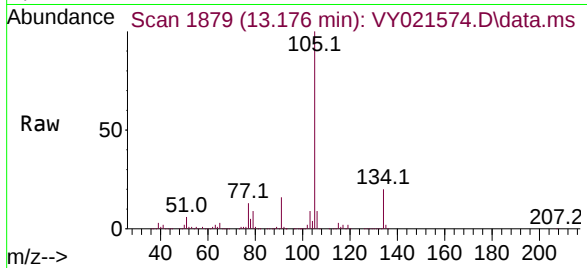




#85
 sec-Butylbenzene
 Concen: 48.966 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

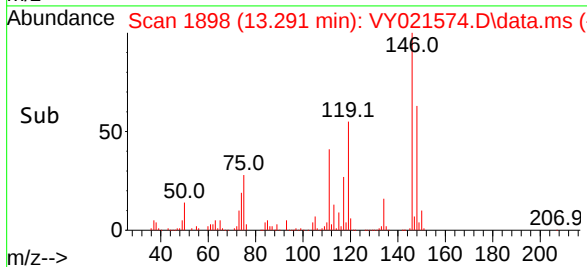
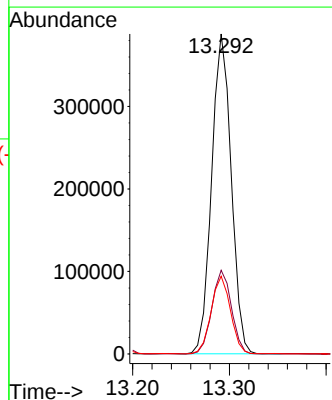
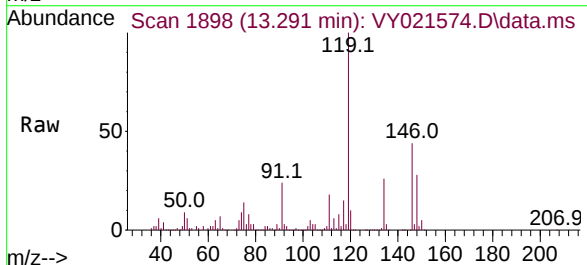
Instrument :
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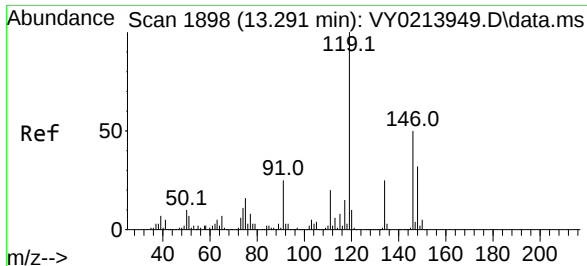
Tgt Ion:105 Resp: 646008
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.159 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion:119 Resp: 545177
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.0 12.2 36.6

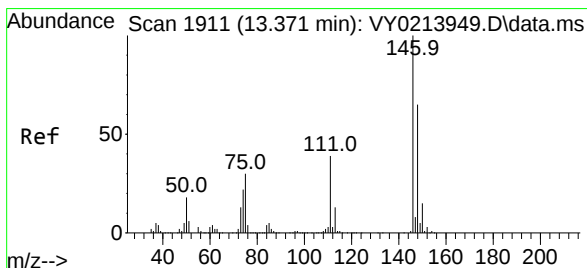
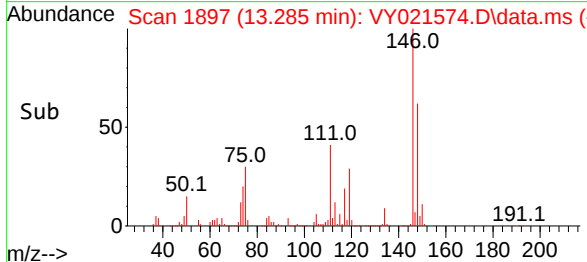
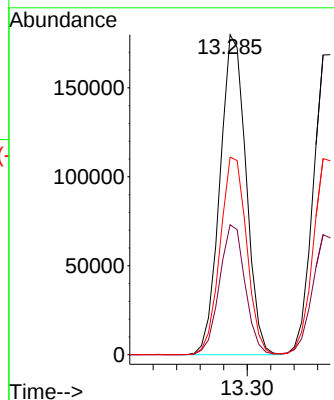
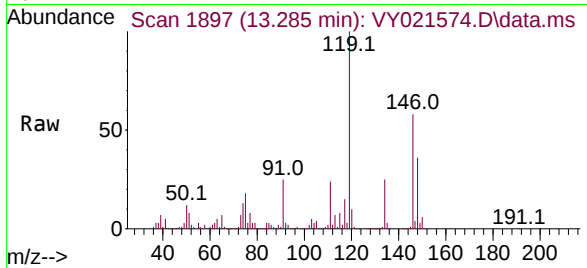




#87
1,3-Dichlorobenzene
Concen: 48.719 ug/l
RT: 13.285 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

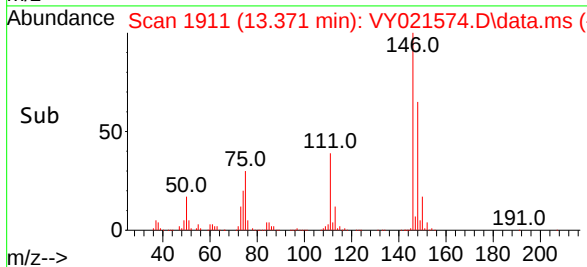
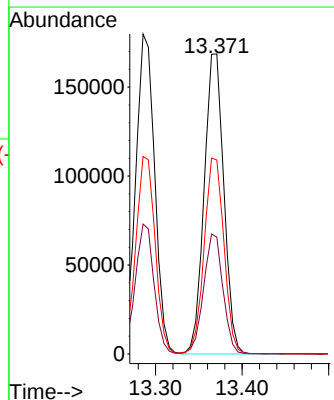
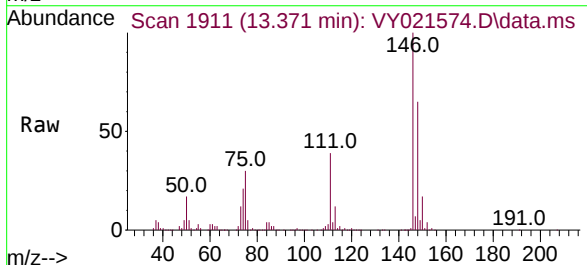
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

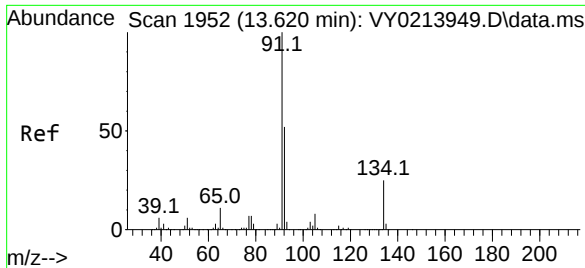
Tgt Ion:146 Resp: 277496
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 62.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 47.857 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:146 Resp: 266588
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.8
148 65.5 32.3 96.8





#89

n-Butylbenzene

Concen: 50.780 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021574.D

Acq: 20 Mar 2025 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

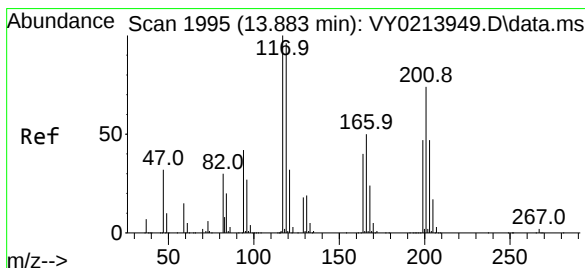
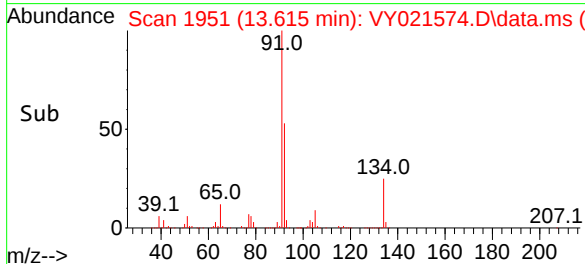
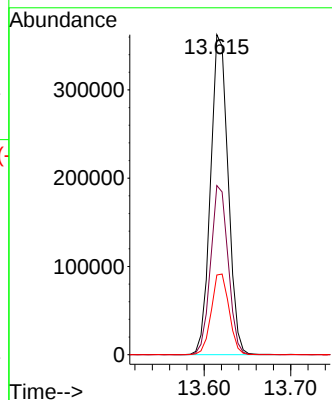
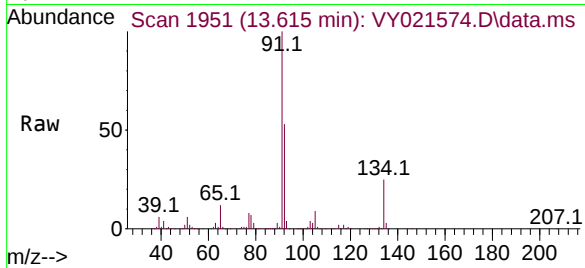
Tgt Ion: 91 Resp: 509654

Ion Ratio Lower Upper

91 100

92 52.9 26.1 78.3

134 25.6 12.6 37.8



#90

Hexachloroethane

Concen: 48.556 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021574.D

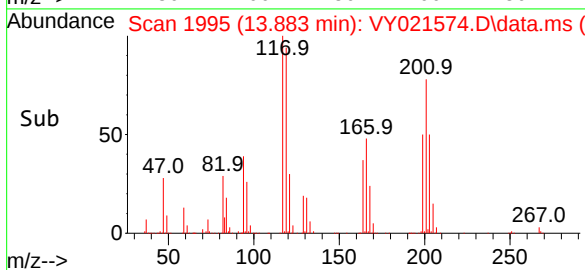
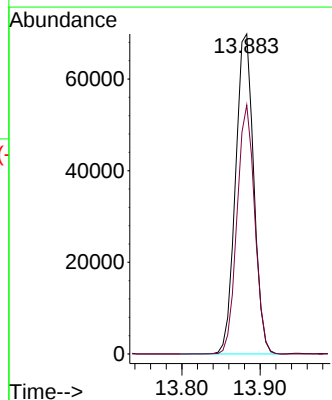
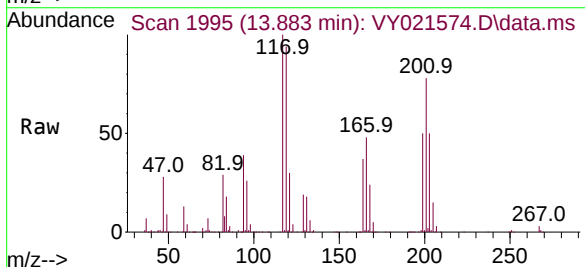
Acq: 20 Mar 2025 11:09

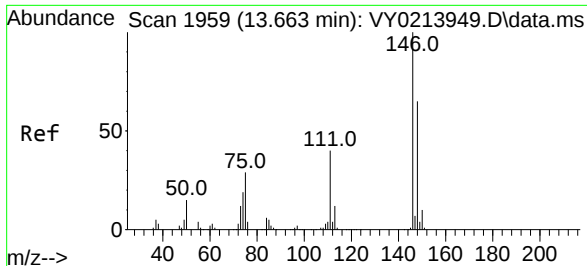
Tgt Ion:117 Resp: 112588

Ion Ratio Lower Upper

117 100

201 75.5 37.4 112.2

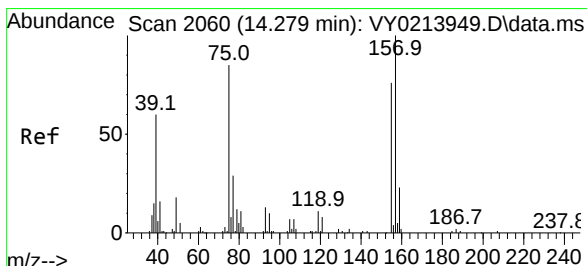
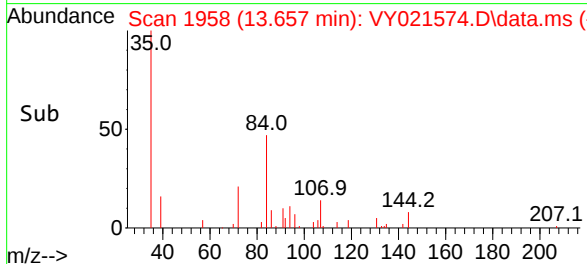
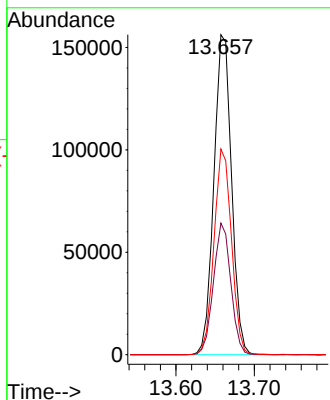
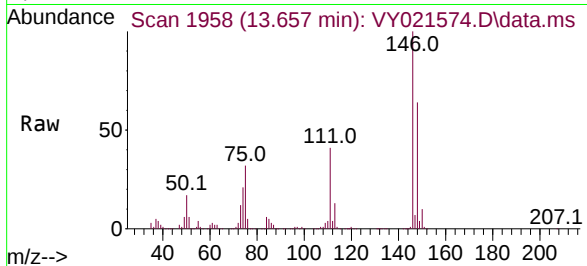




#91
1,2-Dichlorobenzene
Concen: 50.178 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

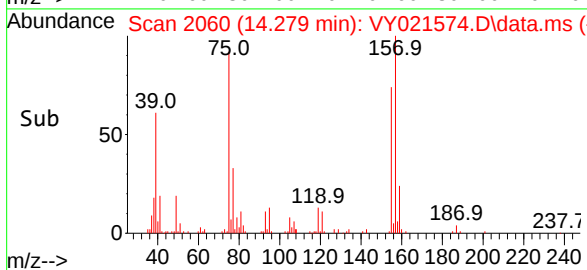
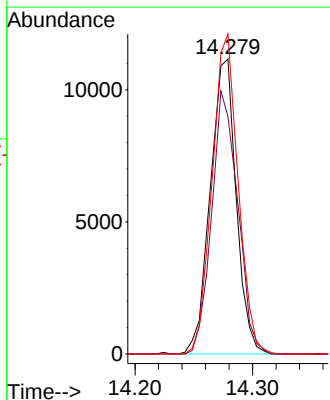
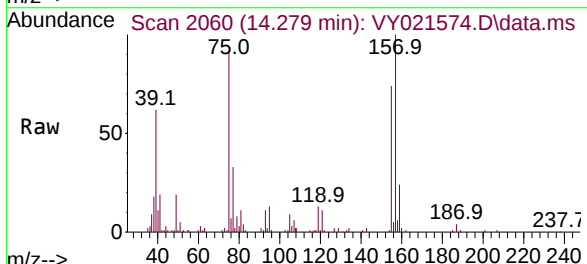
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

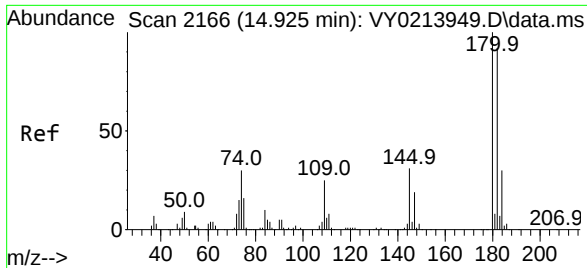
Tgt Ion:146 Resp: 244964
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 63.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.016 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion: 75 Resp: 17141
Ion Ratio Lower Upper
75 100
155 89.6 43.5 130.5
157 108.6 54.4 163.2

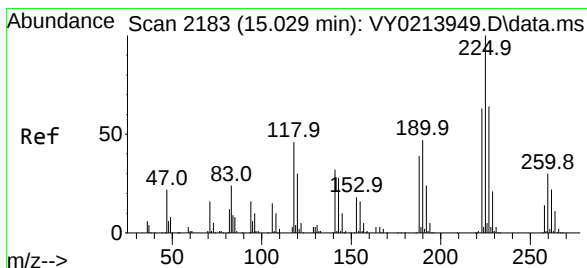
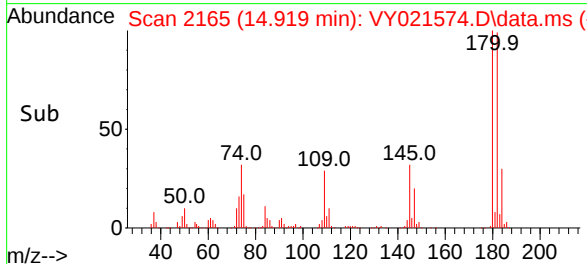
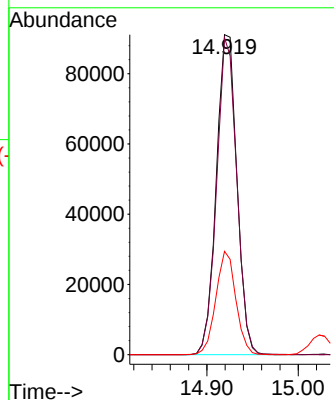
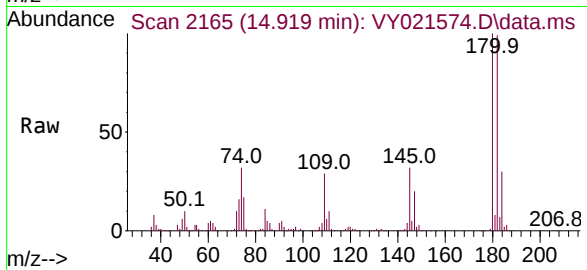




#93
 1,2,4-Trichlorobenzene
 Concen: 53.539 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

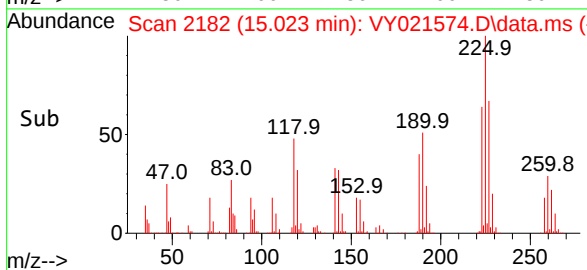
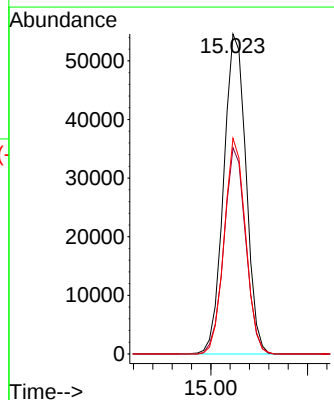
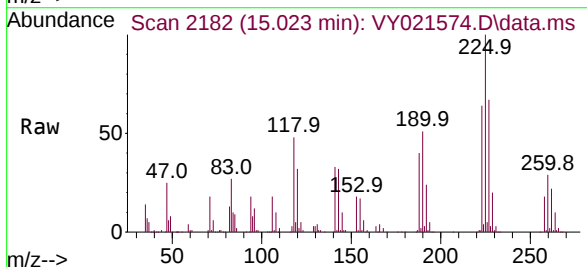
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

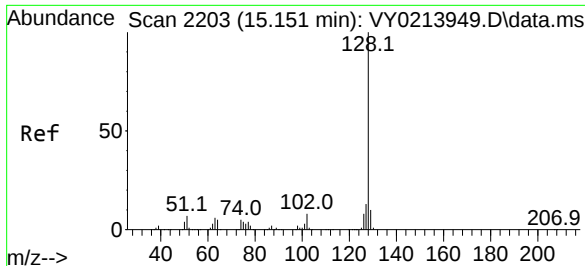
Tgt Ion:180 Resp: 142761
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.7 140.0
 145 31.4 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 52.247 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021574.D
 Acq: 20 Mar 2025 11:09

Tgt Ion:225 Resp: 87330
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.2
 227 64.3 31.8 95.4

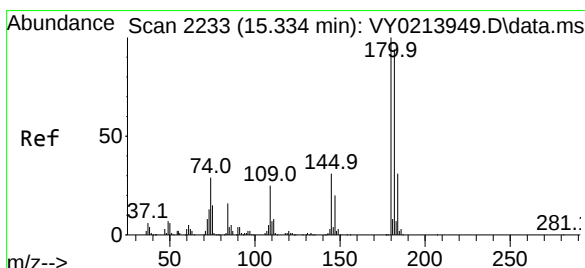
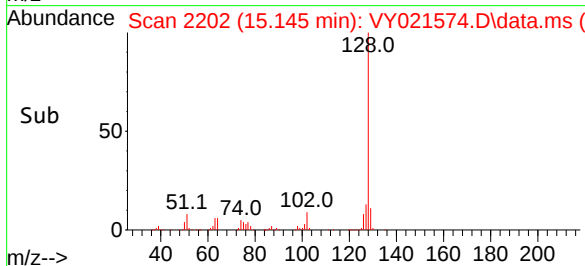
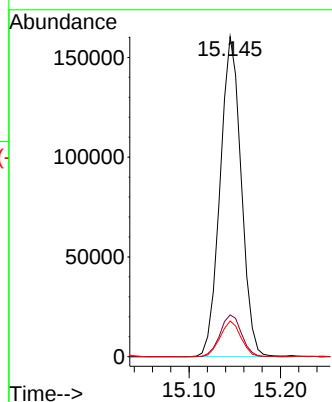
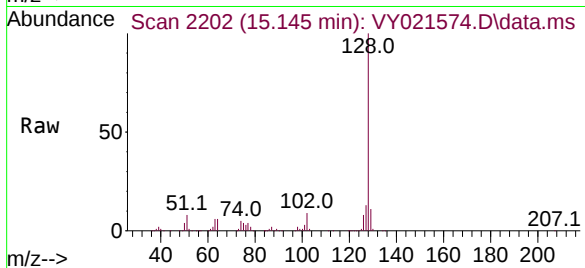




#95
Naphthalene
Concen: 56.217 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 257284
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.195 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021574.D
Acq: 20 Mar 2025 11:09

Tgt Ion:180 Resp: 123783
Ion Ratio Lower Upper
180 100
182 94.1 47.2 141.6
145 32.6 16.4 49.1

