

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
 Data File : VY021426.D
 Acq On : 06 Mar 2025 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 07 00:38:31 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	228274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	348529	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	321426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128835	53.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.634	113	121683	53.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.240%	
50) Toluene-d8	10.103	98	456517	52.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.408	95	163454	55.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	91968	43.903	ug/l	96
3) Chloromethane	2.068	50	147009	49.777	ug/l	100
4) Vinyl Chloride	2.202	62	166975	51.736	ug/l	100
5) Bromomethane	2.592	94	113687	48.738	ug/l	100
6) Chloroethane	2.733	64	114896	53.870	ug/l	98
7) Trichlorofluoromethane	3.056	101	222462	49.383	ug/l	99
8) Diethyl Ether	3.452	74	64391	51.579	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	119686	46.535	ug/l	98
10) Methyl Iodide	4.007	142	134207	51.334	ug/l	100
11) Tert butyl alcohol	4.866	59	42449	272.642	ug/l	100
12) 1,1-Dichloroethene	3.787	96	110585	47.161	ug/l	99
13) Acrolein	3.653	56	6322	51.516	ug/l	86
14) Allyl chloride	4.379	41	186983	49.343	ug/l	100
15) Acrylonitrile	5.055	53	145349	273.503	ug/l	98
16) Acetone	3.873	43	108373	205.940	ug/l	95
17) Carbon Disulfide	4.104	76	354351	48.220	ug/l	98
18) Methyl Acetate	4.385	43	67392	57.717	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	316217	53.206	ug/l	98
20) Methylene Chloride	4.616	84	129572	46.907	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	128481	48.926	ug/l	97
22) Diisopropyl ether	6.019	45	430531	52.719	ug/l	96
23) Vinyl Acetate	5.958	43	1272788	273.089	ug/l	100
24) 1,1-Dichloroethane	5.915	63	242268	50.264	ug/l	100
25) 2-Butanone	6.890	43	182935	251.304	ug/l	100
26) 2,2-Dichloropropane	6.884	77	202350	45.627	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	150170	50.337	ug/l	98
28) Bromochloromethane	7.244	49	107278	53.090	ug/l	97
29) Tetrahydrofuran	7.256	42	127276	283.216	ug/l	100
30) Chloroform	7.415	83	252791	50.508	ug/l	98
31) Cyclohexane	7.701	56	202739	44.867	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	222183	48.483	ug/l	99
36) 1,1-Dichloropropene	7.835	75	175296	48.883	ug/l	99
37) Ethyl Acetate	6.982	43	90495	57.095	ug/l	97
38) Carbon Tetrachloride	7.817	117	200999	48.736	ug/l	99
39) Methylcyclohexane	9.109	83	213278	48.487	ug/l	98
40) Benzene	8.079	78	538095	50.938	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	46184	53.514	ug/l #	92
42) 1,2-Dichloroethane	8.152	62	155915	52.759	ug/l	99
43) Isopropyl Acetate	8.195	43	171475	55.731	ug/l #	87
44) Trichloroethene	8.866	130	131758	49.358	ug/l	100
45) 1,2-Dichloropropane	9.140	63	130077	51.738	ug/l	96
46) Dibromomethane	9.231	93	76964	55.018	ug/l	98
47) Bromodichloromethane	9.420	83	194661	52.398	ug/l	99
48) Methyl methacrylate	9.219	41	78849	55.808	ug/l	96
49) 1,4-Dioxane	9.231	88	17549	1278.089	ug/l	99
51) 4-Methyl-2-Pentanone	10.000	43	464408	292.531	ug/l	99
52) Toluene	10.170	92	339723	51.010	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	178453	54.523	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	204560	52.641	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	99287	54.258	ug/l	98
56) Ethyl methacrylate	10.438	69	135282	57.967	ug/l	98
57) 1,3-Dichloropropane	10.713	76	172201	54.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	326106	302.700	ug/l	99
59) 2-Hexanone	10.762	43	313862	298.994	ug/l	99
60) Dibromochloromethane	10.908	129	136186	54.286	ug/l	98
61) 1,2-Dibromoethane	11.012	107	94094	54.483	ug/l	99
64) Tetrachloroethene	10.646	164	123553	47.271	ug/l	99
65) Chlorobenzene	11.444	112	372978	49.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	133738	49.836	ug/l	99
67) Ethyl Benzene	11.518	91	663345	49.791	ug/l	100
68) m/p-Xylenes	11.627	106	504274	99.700	ug/l	98
69) o-Xylene	11.956	106	235466	50.512	ug/l	100
70) Styrene	11.969	104	404739	52.337	ug/l	100
71) Bromoform	12.133	173	79480	52.982	ug/l #	99
73) Isopropylbenzene	12.255	105	621268	46.741	ug/l	99
74) N-amyl acetate	12.072	43	157019	54.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	117052	49.905	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	152941	89.950	ug/l #	100
77) Bromobenzene	12.530	156	146642	47.159	ug/l	99
78) n-propylbenzene	12.597	91	761668	47.185	ug/l	100
79) 2-Chlorotoluene	12.682	91	434018	47.022	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	513200	47.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	38754	51.814	ug/l	96
82) 4-Chlorotoluene	12.780	91	451424	47.230	ug/l	99
83) tert-Butylbenzene	12.999	119	458801	47.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	516598	48.169	ug/l	100
85) sec-Butylbenzene	13.176	105	672802	46.928	ug/l	99
86) p-Isopropyltoluene	13.292	119	562725	47.642	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	288529	46.614	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	286896	47.394	ug/l	98
89) n-Butylbenzene	13.621	91	530559	48.645	ug/l	100
90) Hexachloroethane	13.883	117	115729	45.929	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	256501	48.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17841	50.779	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	144430	49.844	ug/l	98
94) Hexachlorobutadiene	15.029	225	87656	48.258	ug/l	100
95) Naphthalene	15.145	128	254945	51.817	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	125217	51.380	ug/l	99

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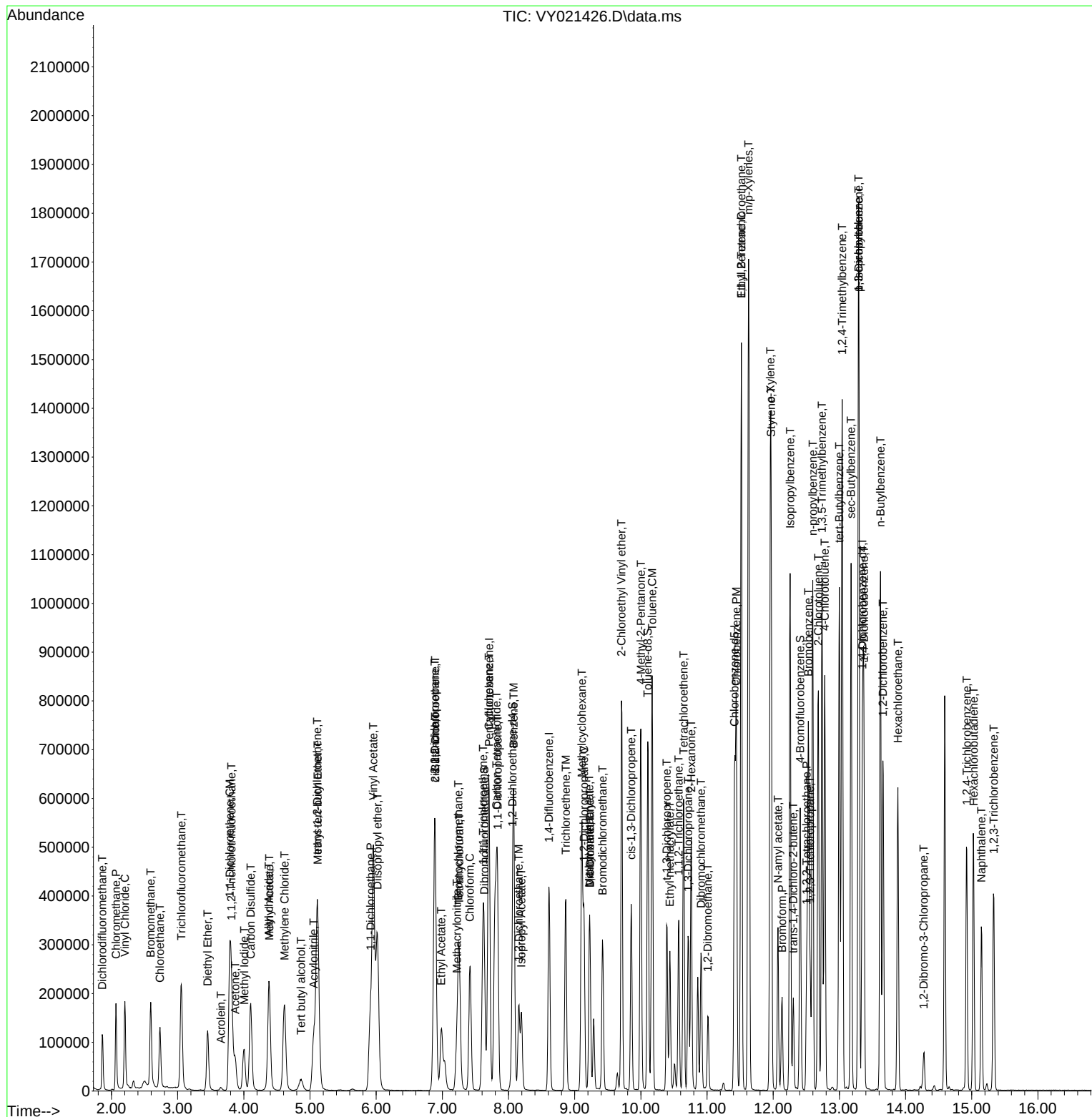
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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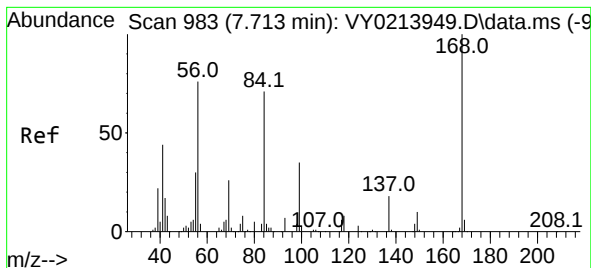
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY021426.D

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Instrument :

MSVOA_Y

ClientSampleId :

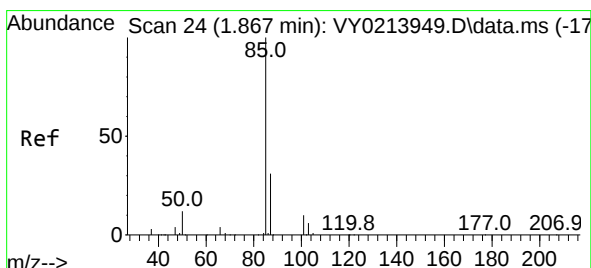
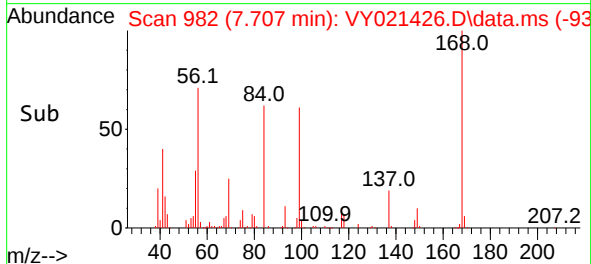
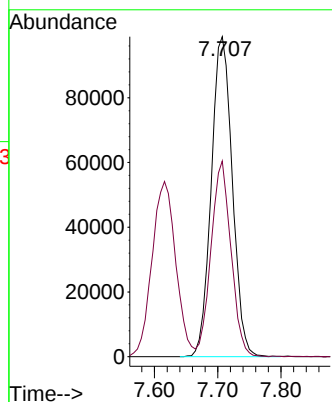
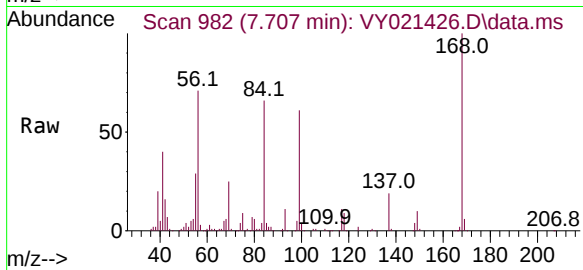
VSTDCCC050

Tgt Ion:168 Resp: 228274

Ion Ratio Lower Upper

168 100

99 61.1 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 43.903 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021426.D

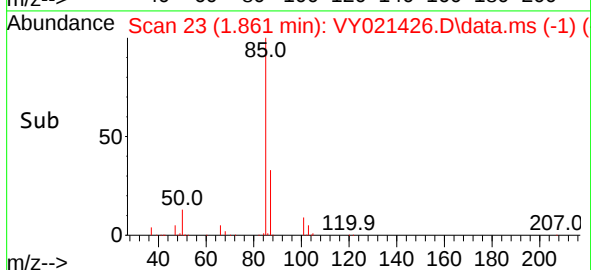
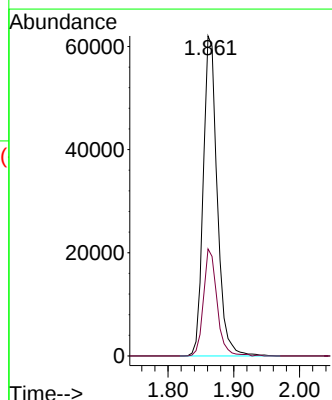
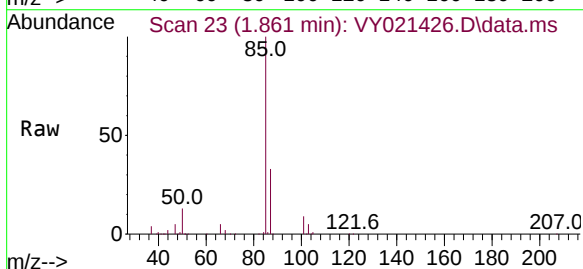
Acq: 06 Mar 2025 10:10

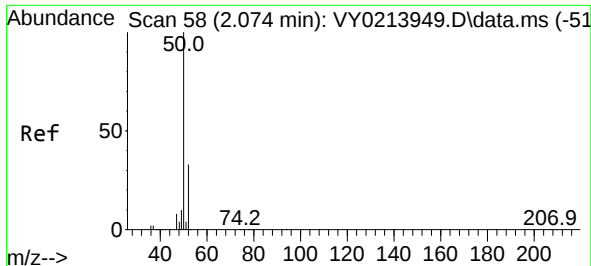
Tgt Ion: 85 Resp: 91968

Ion Ratio Lower Upper

85 100

87 33.5 15.7 47.0

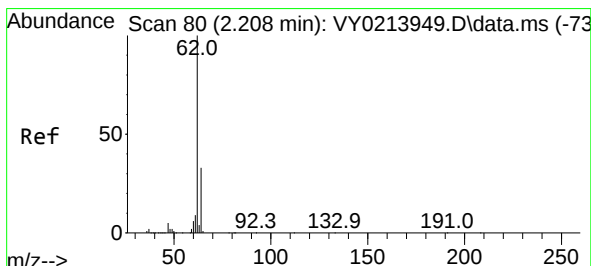
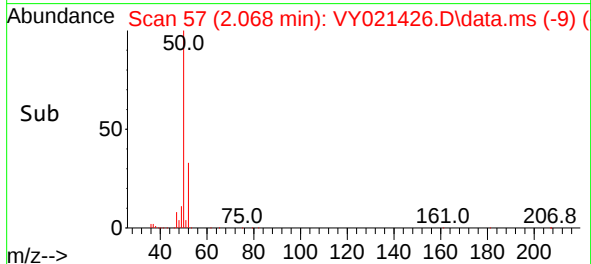
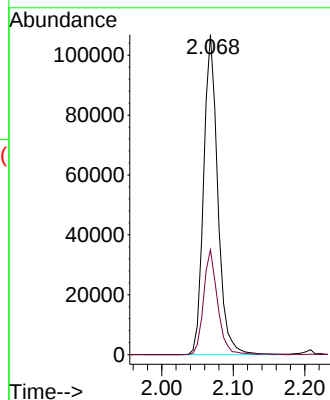
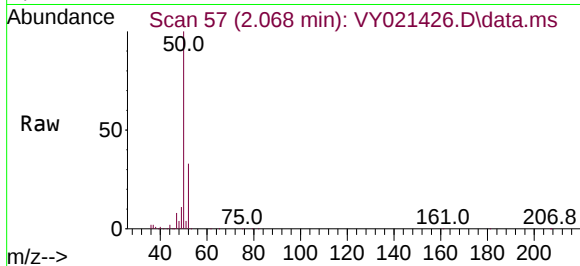




#3
Chloromethane
Concen: 49.777 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021426.D
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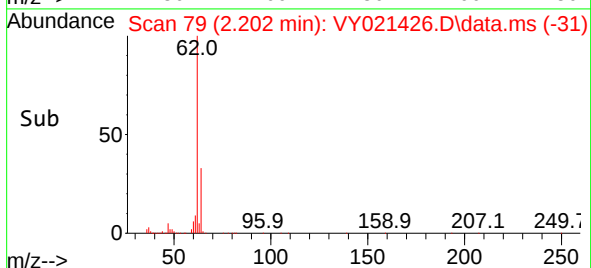
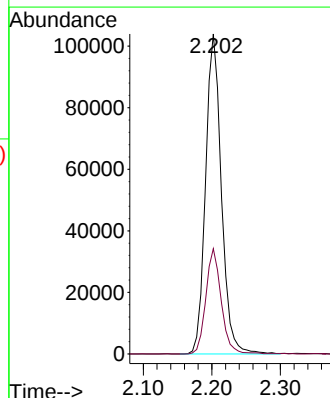
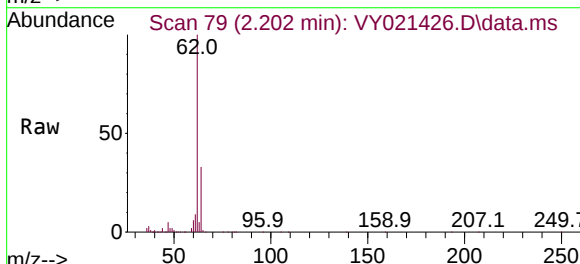
Instrument :
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ClientSampleId :
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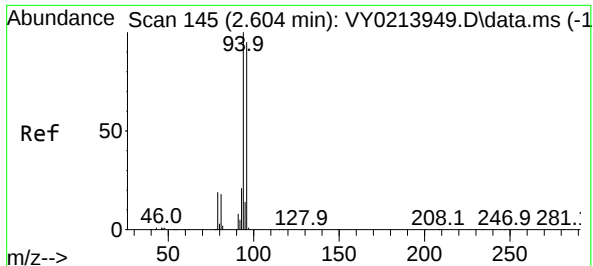
Tgt Ion: 50 Resp: 147009
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 51.736 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021426.D
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Tgt Ion: 62 Resp: 166975
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

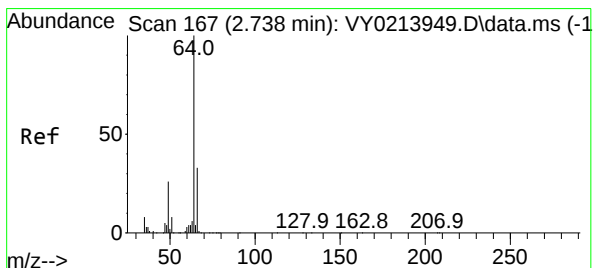
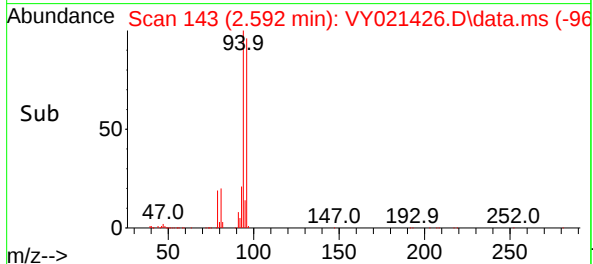
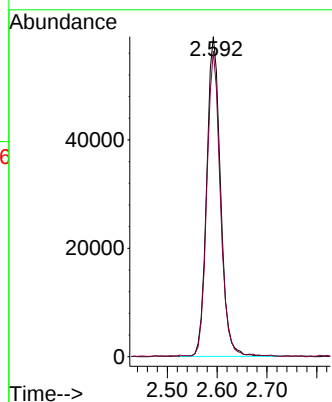
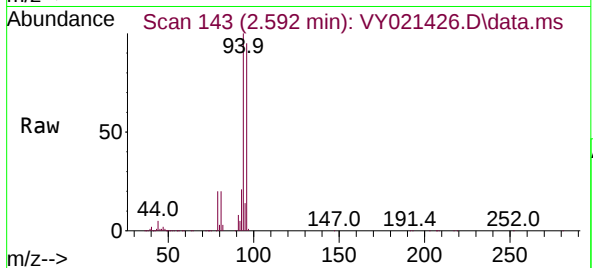




#5
Bromomethane
Concen: 48.738 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021426.D
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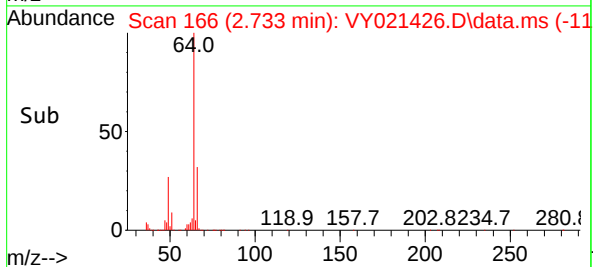
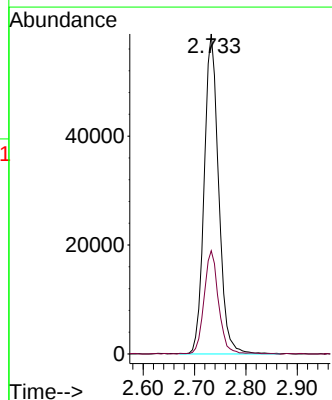
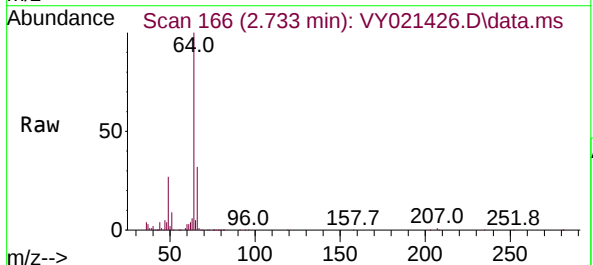
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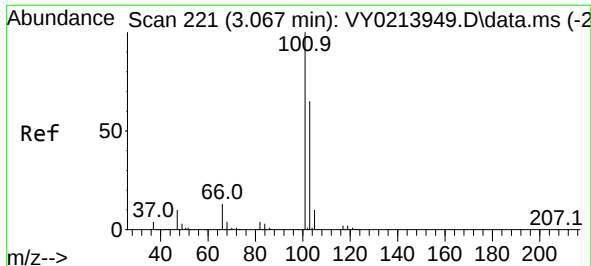
Tgt Ion: 94 Resp: 113687
Ion Ratio Lower Upper
94 100
96 95.4 76.3 114.5



#6
Chloroethane
Concen: 53.870 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021426.D
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Tgt Ion: 64 Resp: 114896
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1

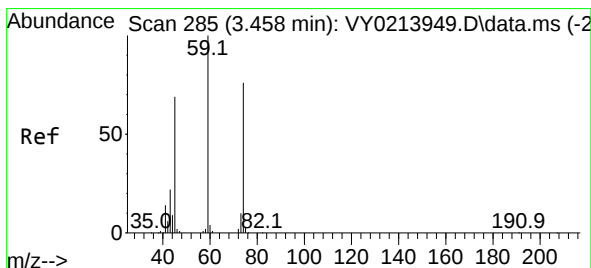
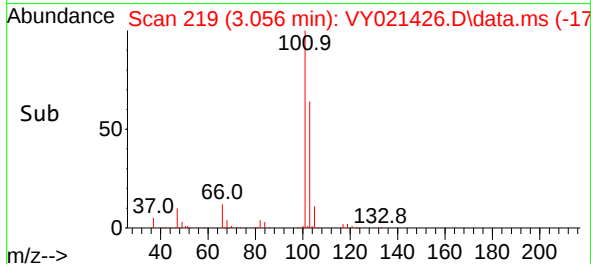
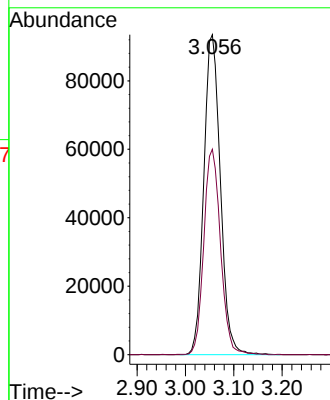
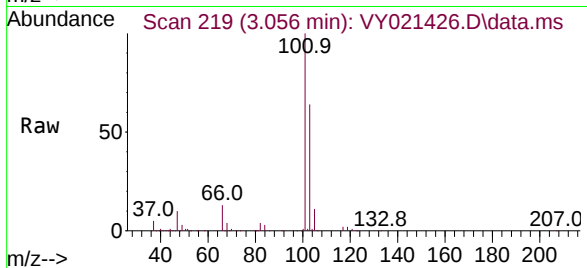




#7
Trichlorofluoromethane
Concen: 49.383 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

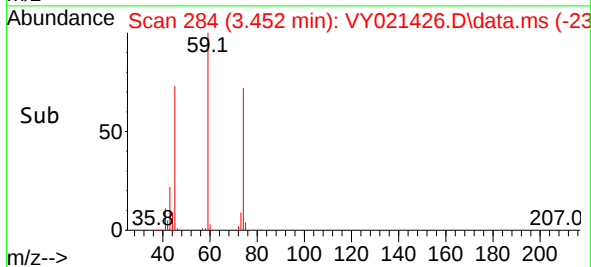
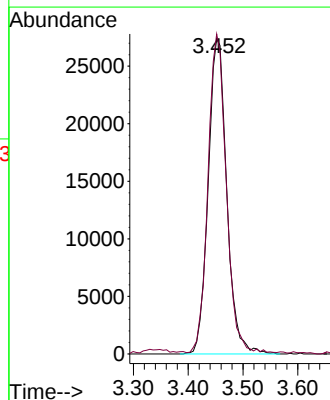
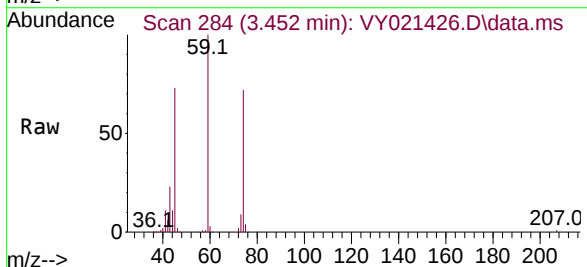
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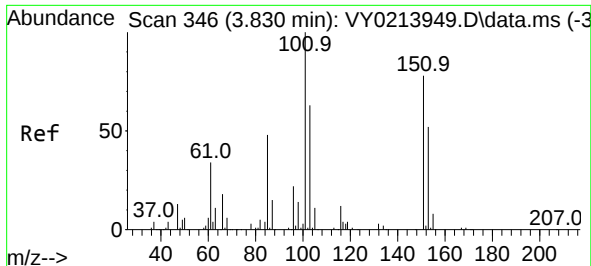
Tgt Ion:101 Resp: 222462
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 51.579 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 64391
Ion Ratio Lower Upper
74 100
45 98.9 49.7 149.1

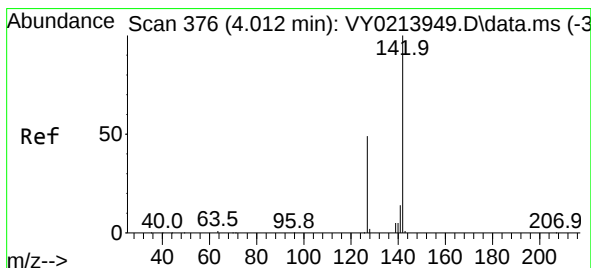
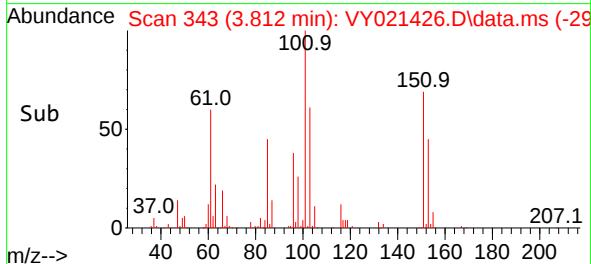
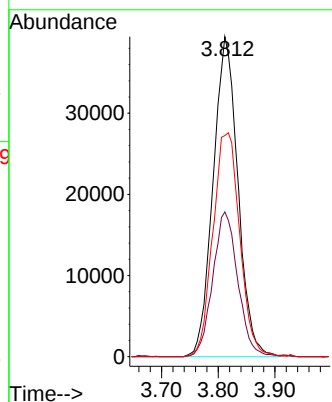
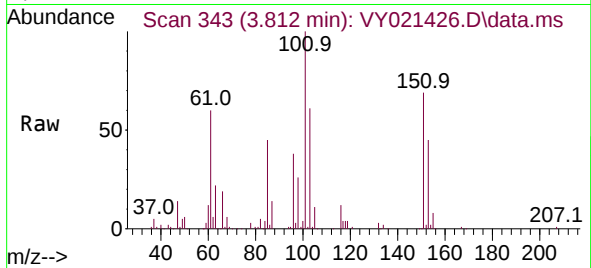




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.535 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

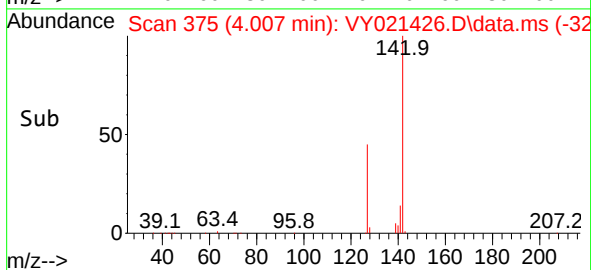
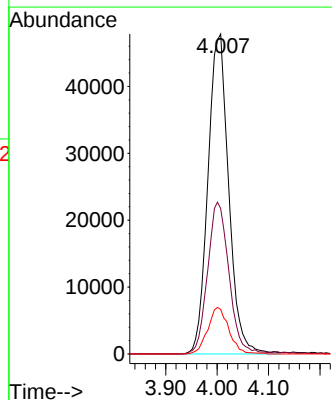
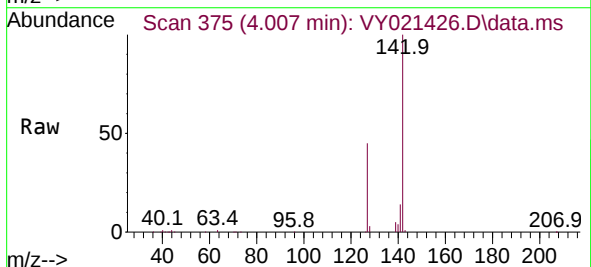
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

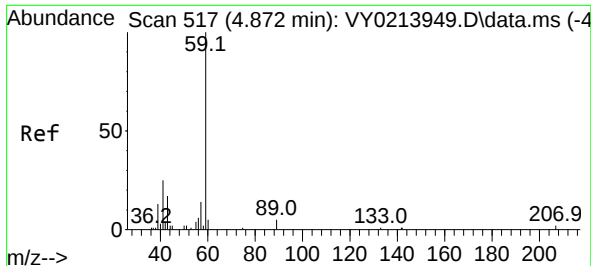
Tgt Ion:101 Resp: 119686
Ion Ratio Lower Upper
101 100
85 45.7 37.1 55.7
151 75.6 62.1 93.1



#10
Methyl Iodide
Concen: 51.334 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:142 Resp: 134207
Ion Ratio Lower Upper
142 100
127 48.8 39.1 58.7
141 14.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 272.642 ug/l

RT: 4.866 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

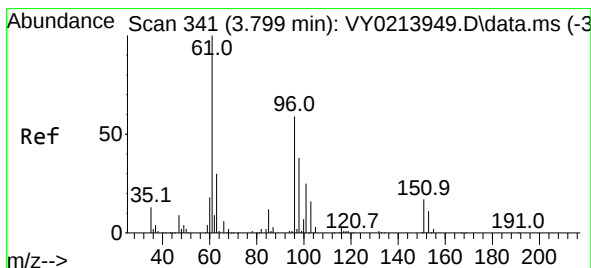
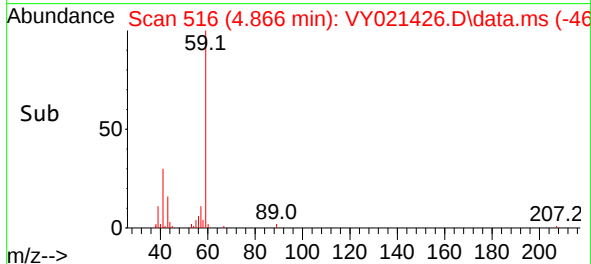
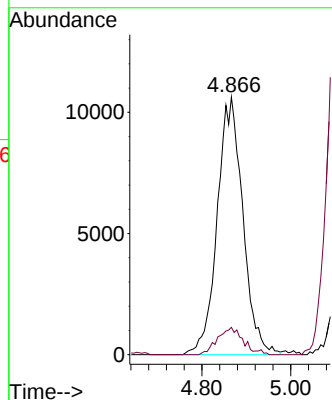
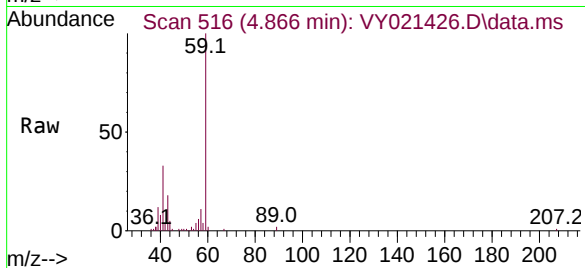
VSTDCCC050

Tgt Ion: 59 Resp: 42449

Ion Ratio Lower Upper

59 100

57 10.2 8.2 12.4



#12

1,1-Dichloroethene

Concen: 47.161 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

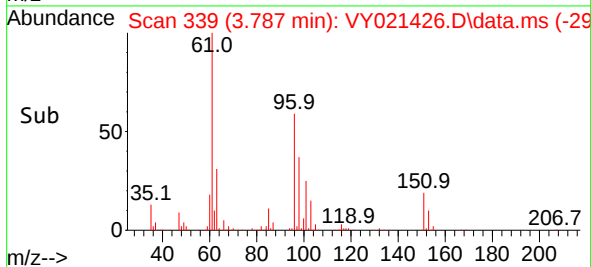
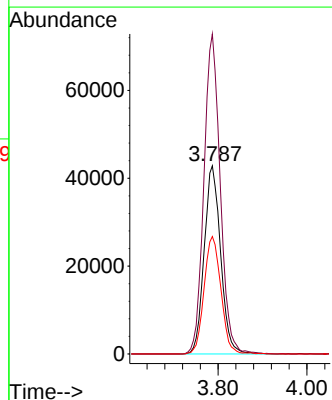
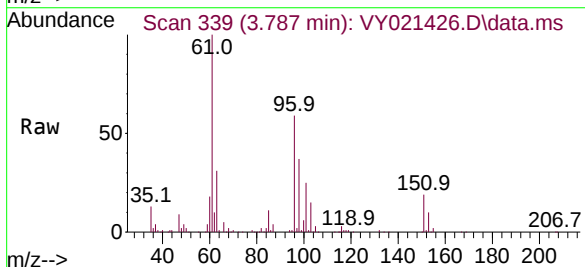
Tgt Ion: 96 Resp: 110585

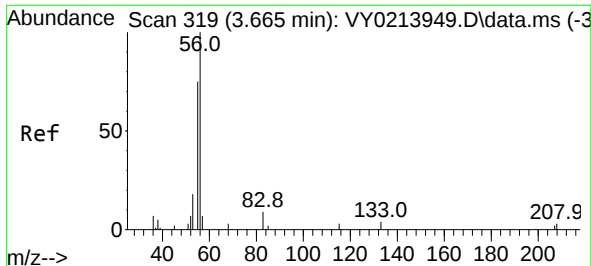
Ion Ratio Lower Upper

96 100

61 170.0 135.2 202.8

98 62.4 51.4 77.2

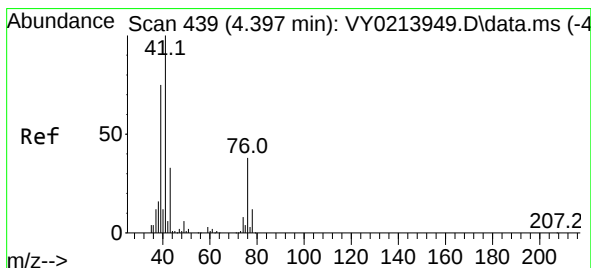
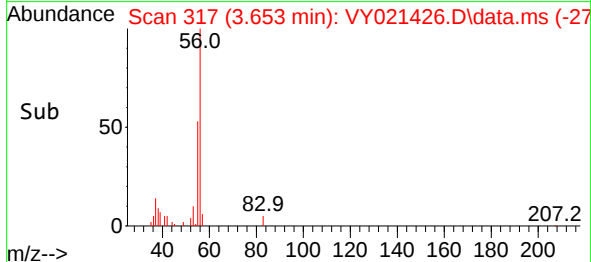
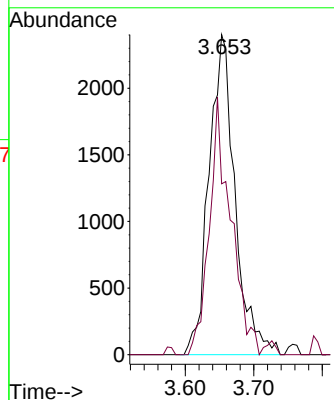
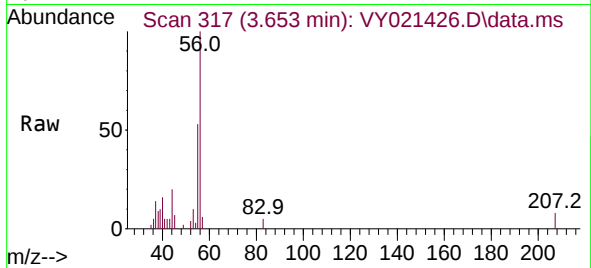




#13
Acrolein
Concen: 51.516 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

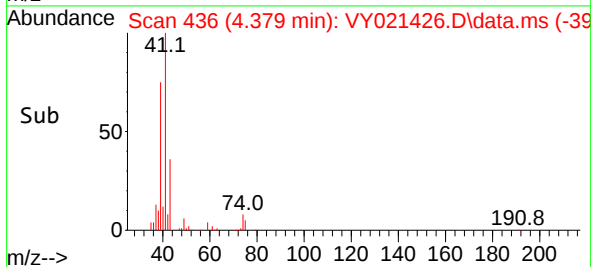
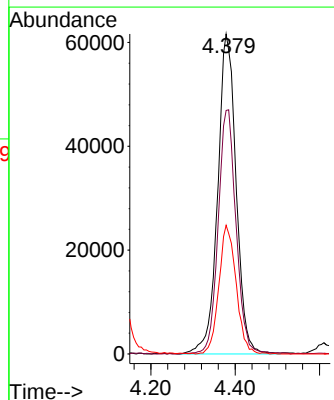
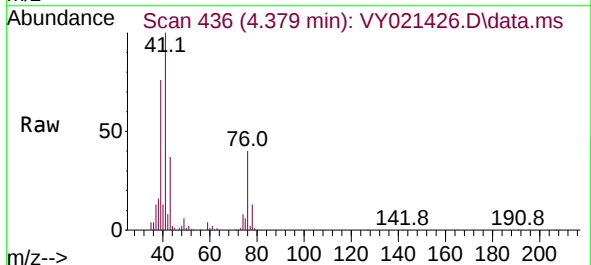
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

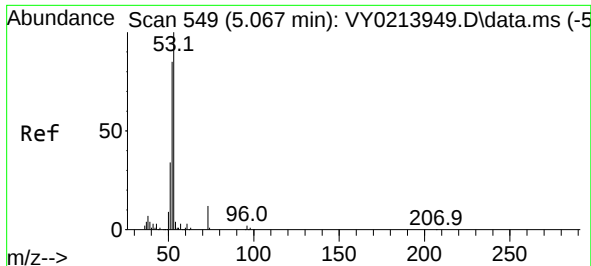
Tgt Ion: 56 Resp: 6322
Ion Ratio Lower Upper
56 100
55 66.9 63.4 95.2



#14
Allyl chloride
Concen: 49.343 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 41 Resp: 186983
Ion Ratio Lower Upper
41 100
39 73.9 59.3 88.9
76 37.5 29.8 44.8

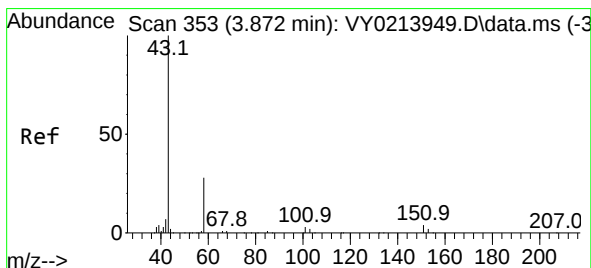
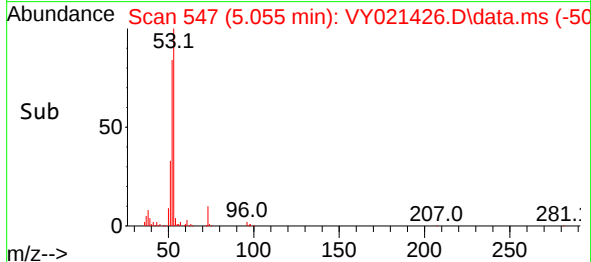
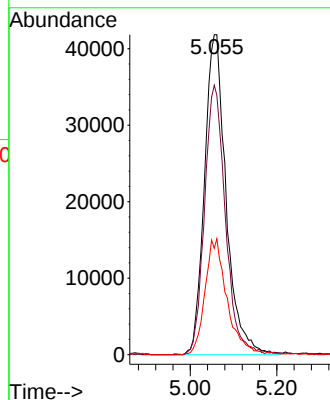
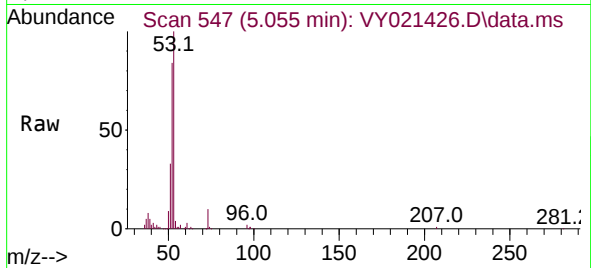




#15
Acrylonitrile
Concen: 273.503 ug/l
RT: 5.055 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

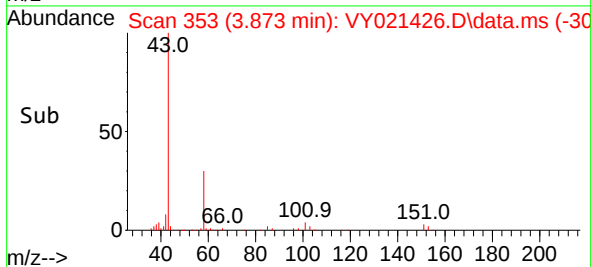
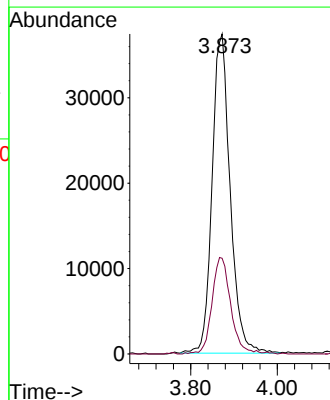
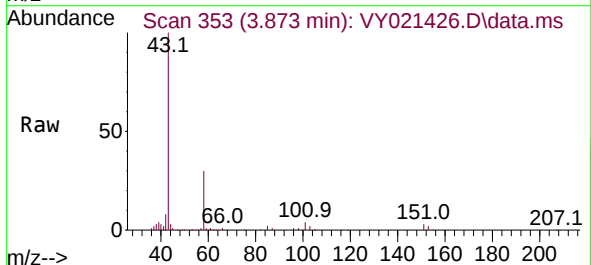
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

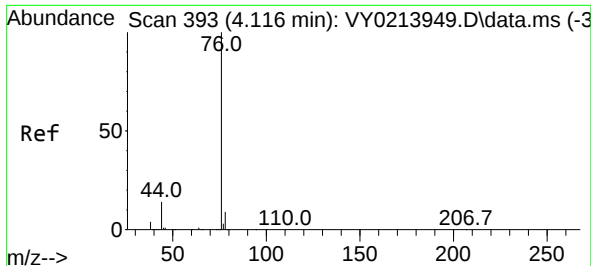
Tgt Ion: 53 Resp: 145349
Ion Ratio Lower Upper
53 100
52 81.6 66.3 99.5
51 36.7 30.3 45.5



#16
Acetone
Concen: 205.940 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 43 Resp: 108373
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1

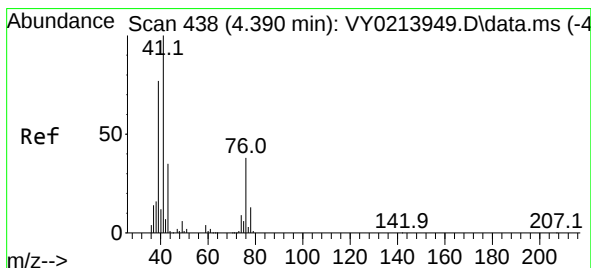
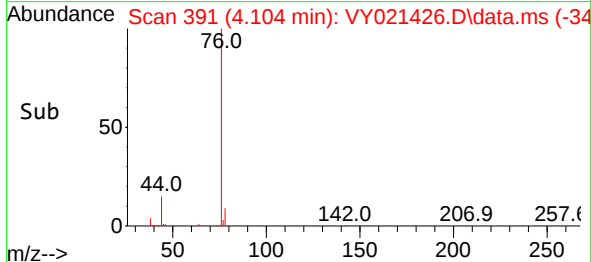
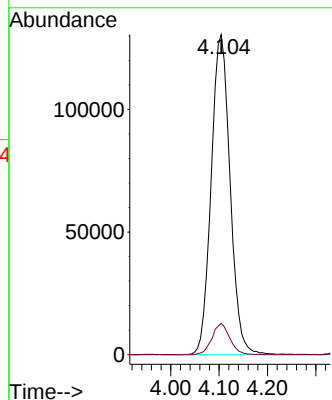
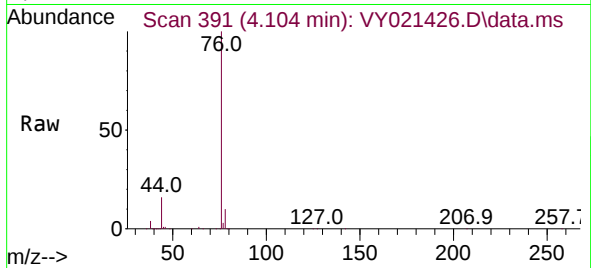




#17
Carbon Disulfide
Concen: 48.220 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

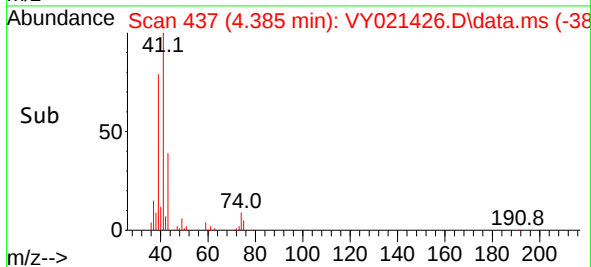
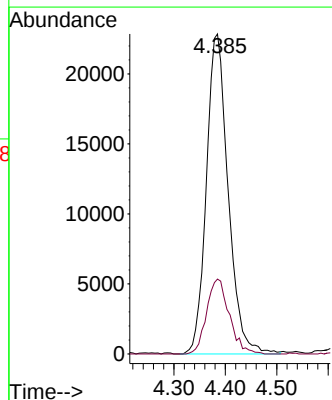
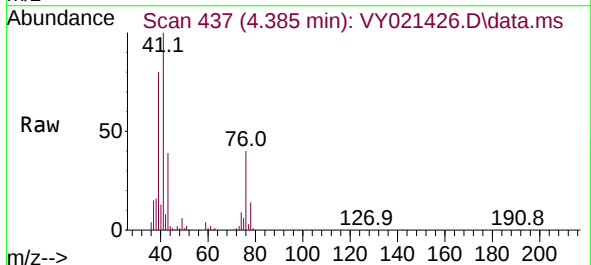
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

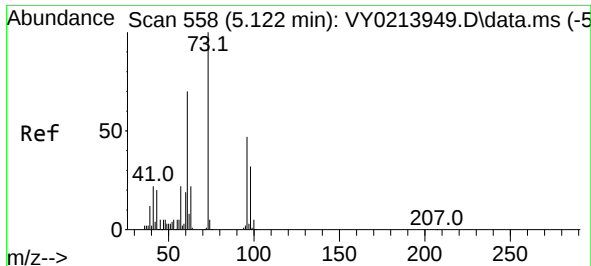
Tgt Ion: 76 Resp: 354351
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 57.717 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 43 Resp: 67392
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 53.206 ug/l

RT: 5.116 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

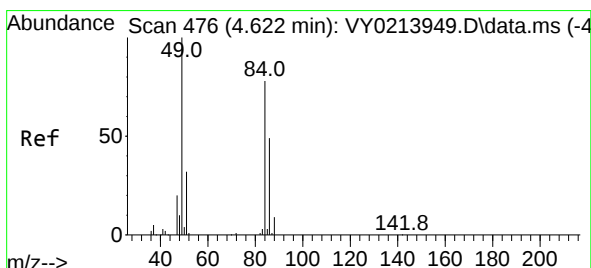
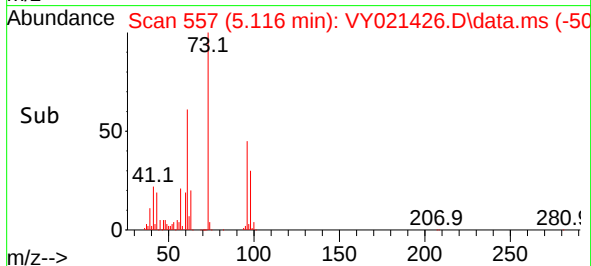
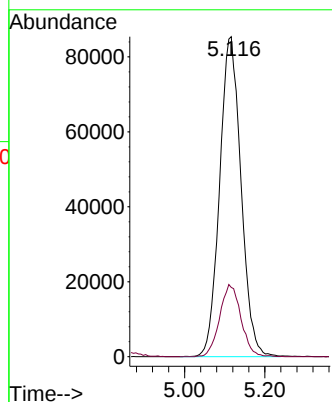
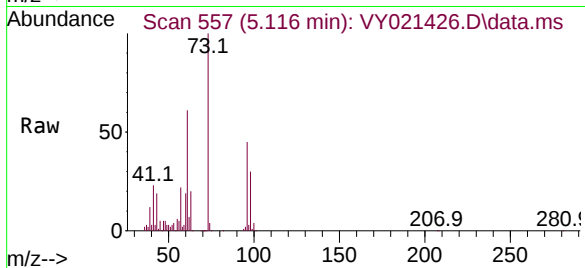
VSTDCCC050

Tgt Ion: 73 Resp: 316217

Ion Ratio Lower Upper

73 100

57 21.6 17.9 26.9



#20

Methylene Chloride

Concen: 46.907 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Tgt Ion: 84 Resp: 129572

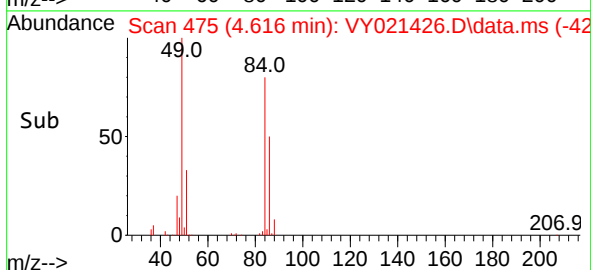
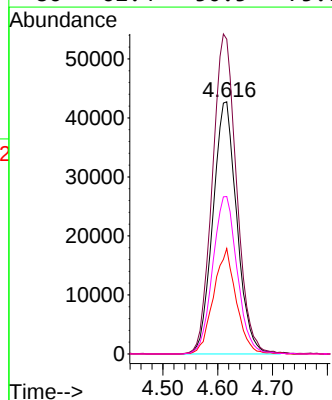
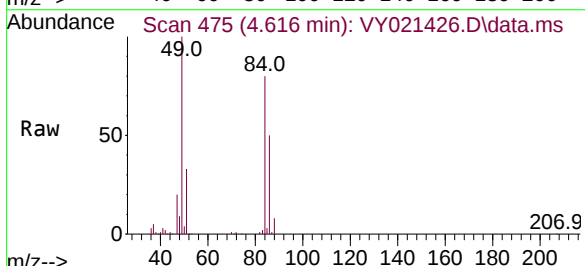
Ion Ratio Lower Upper

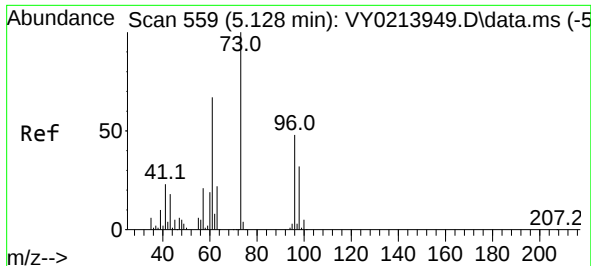
84 100

49 124.8 102.0 153.0

51 41.8 33.0 49.6

86 62.4 50.5 75.7

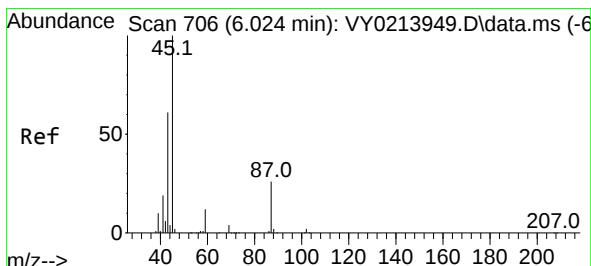
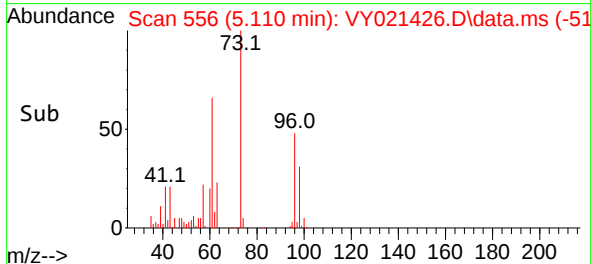
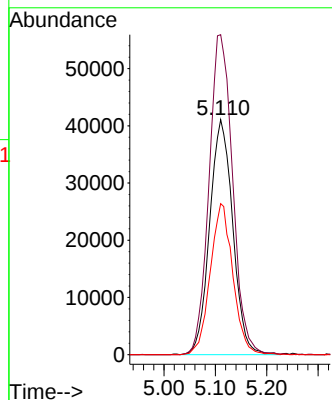
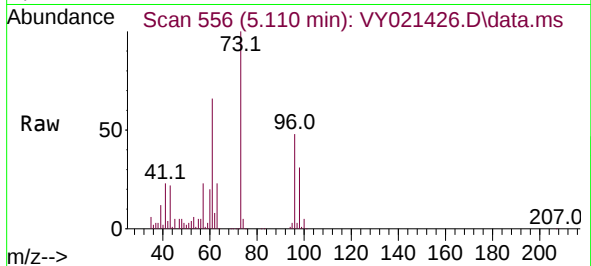




#21
trans-1,2-Dichloroethene
Concen: 48.926 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

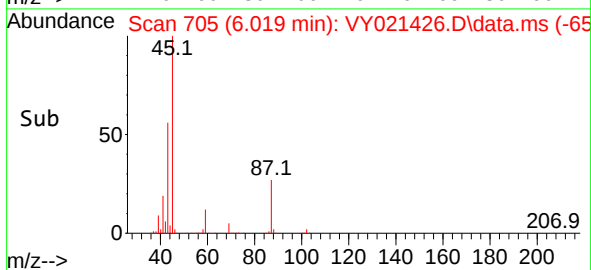
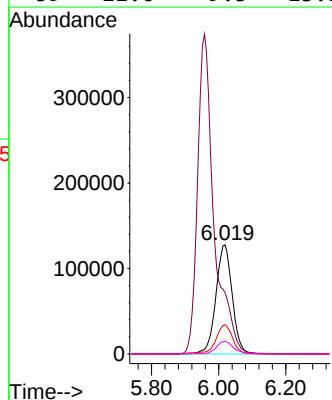
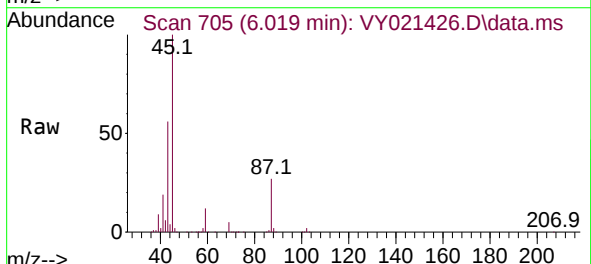
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

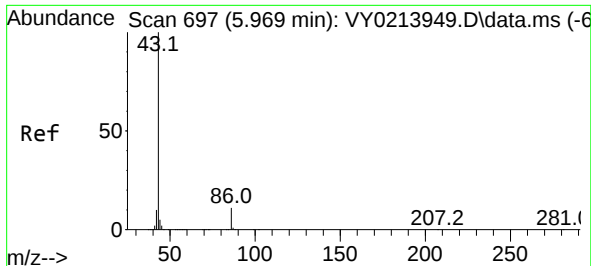
Tgt Ion: 96 Resp: 128481
Ion Ratio Lower Upper
96 100
61 136.1 111.5 167.3
98 64.3 53.8 80.8



#22
Diisopropyl ether
Concen: 52.719 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 45 Resp: 430531
Ion Ratio Lower Upper
45 100
43 56.2 48.7 73.1
87 26.7 21.5 32.3
59 11.6 9.3 13.9

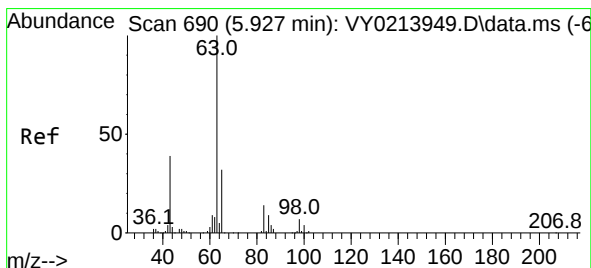
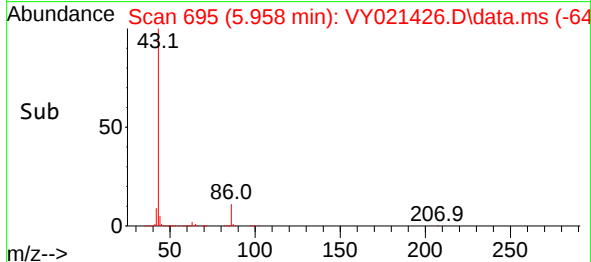
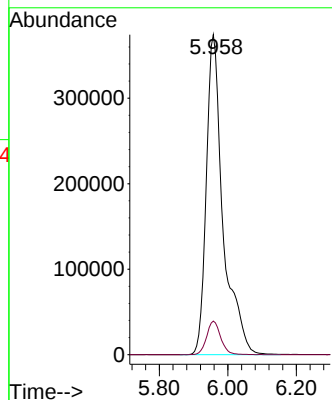
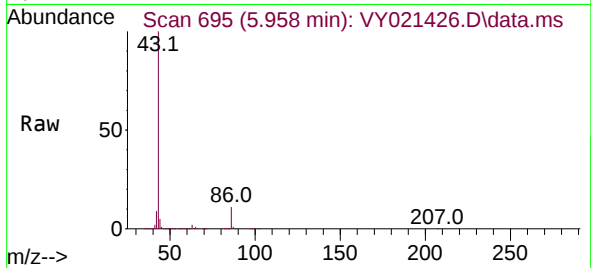




#23
 Vinyl Acetate
 Concen: 273.089 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

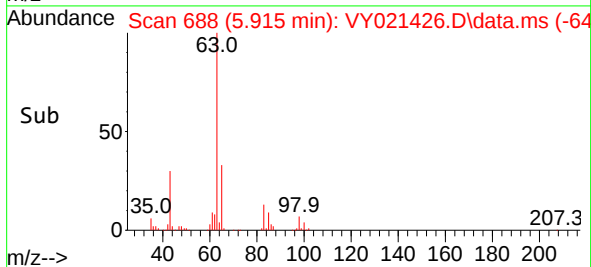
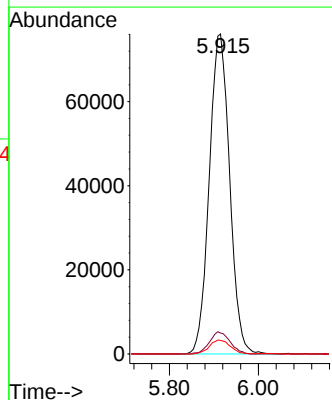
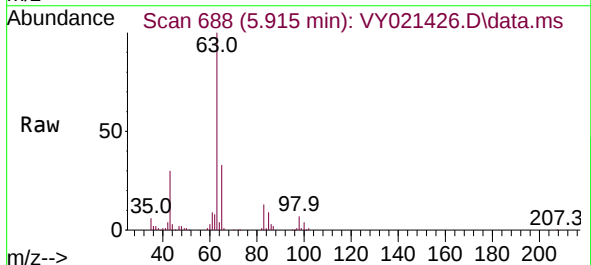
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

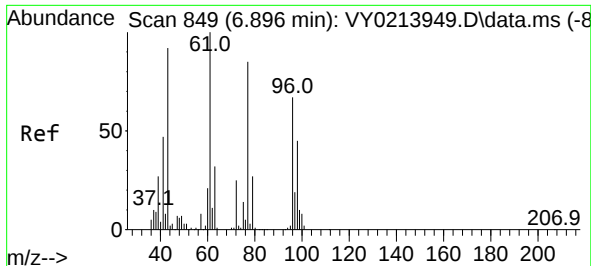
Tgt Ion: 43 Resp: 1272788
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 50.264 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion: 63 Resp: 242268
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.3 2.1 6.5

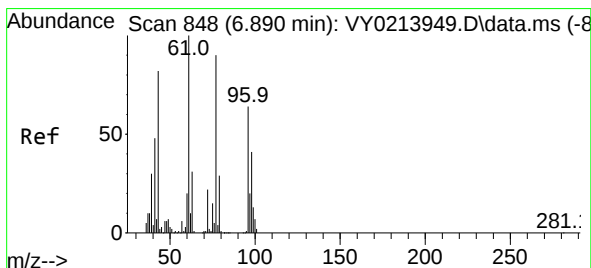
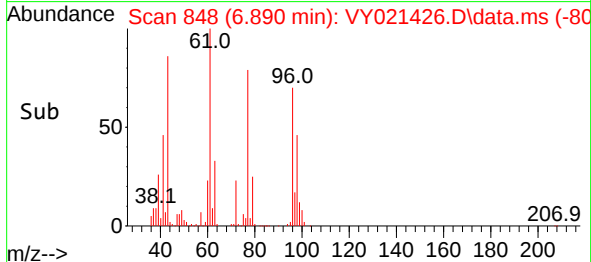
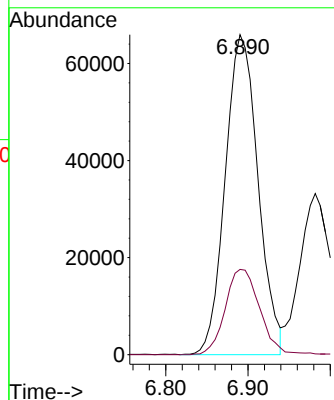
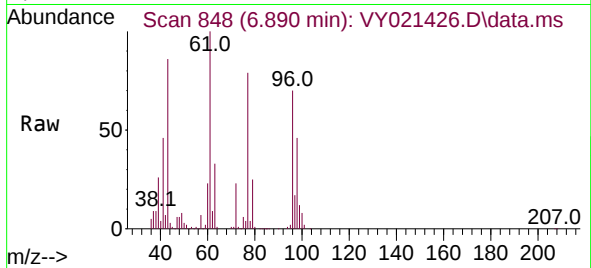




#25
2-Butanone
Concen: 251.304 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

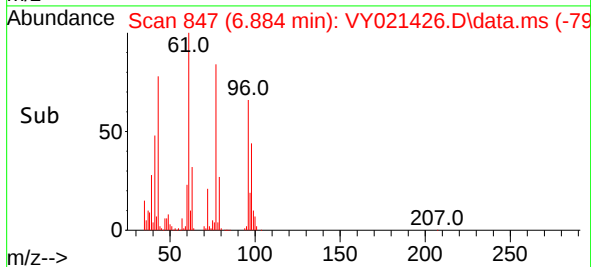
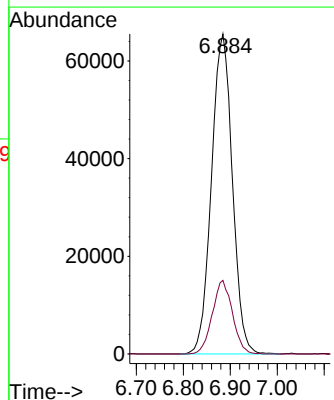
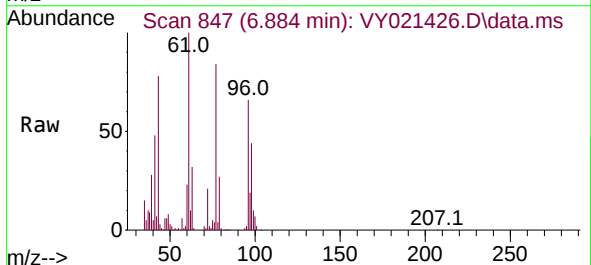
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

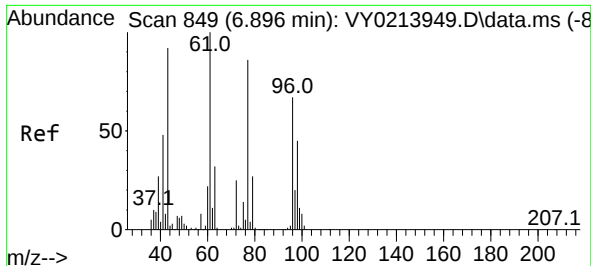
Tgt Ion: 43 Resp: 182935
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 45.627 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 77 Resp: 202350
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8

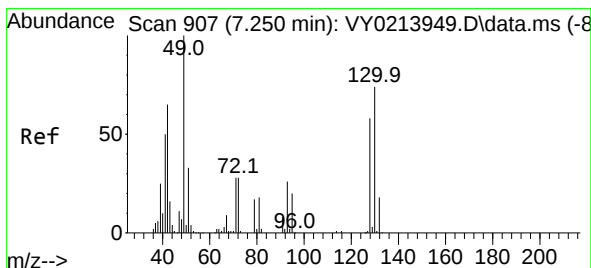
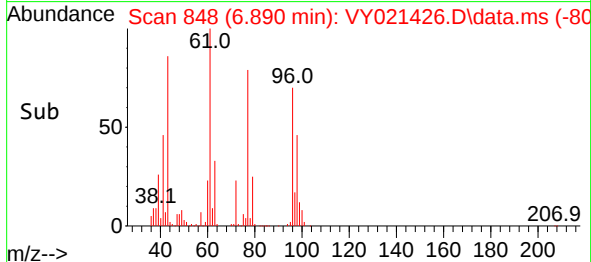
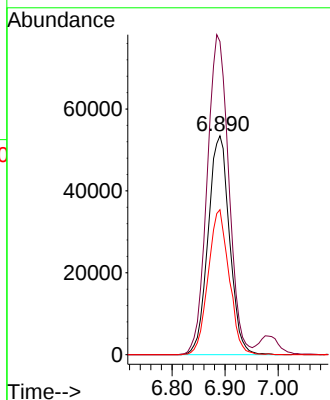
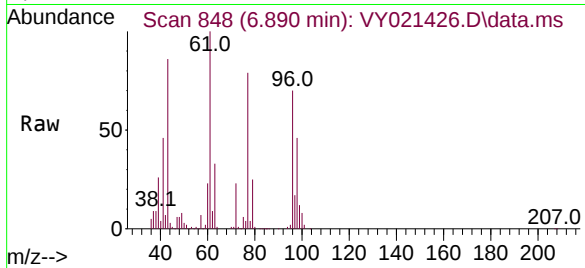




#27
 cis-1,2-Dichloroethene
 Concen: 50.337 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

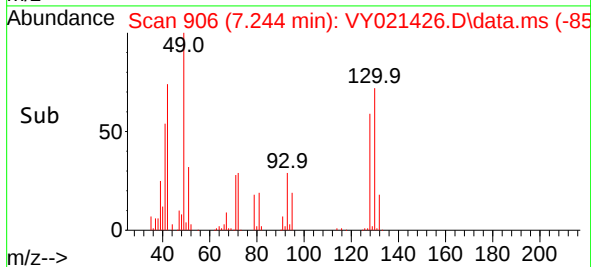
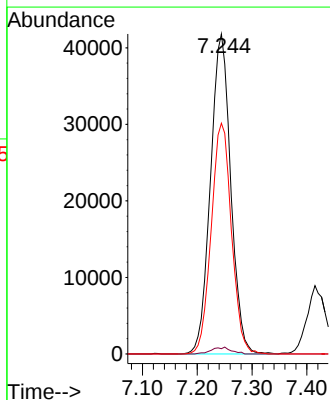
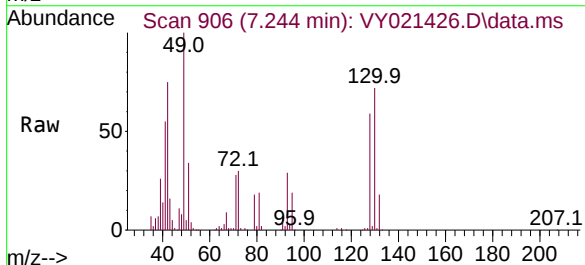
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

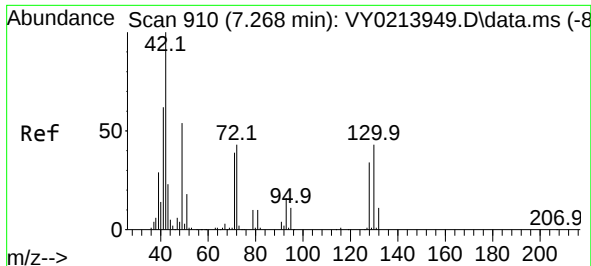
Tgt Ion: 96 Resp: 150170
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 300.8
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 53.090 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion: 49 Resp: 107278
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 72.0 59.6 89.4





#29

Tetrahydrofuran

Concen: 283.216 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

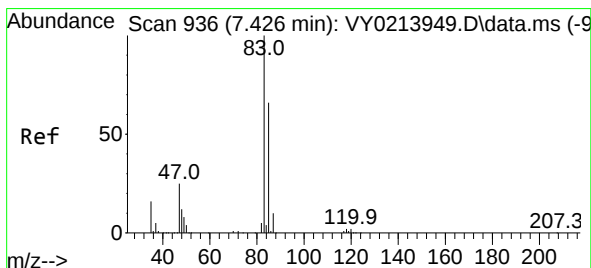
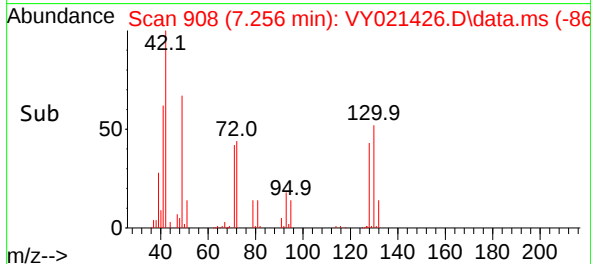
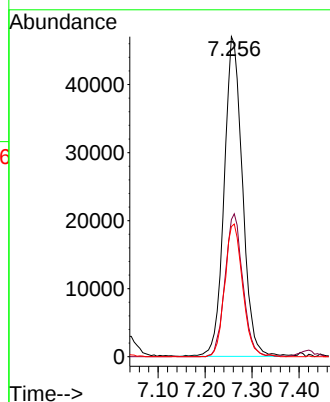
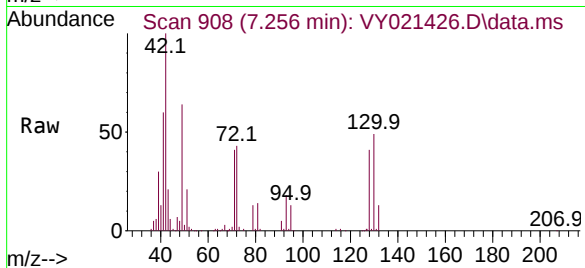
Tgt Ion: 42 Resp: 127276

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 40.7 32.6 48.8



#30

Chloroform

Concen: 50.508 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021426.D

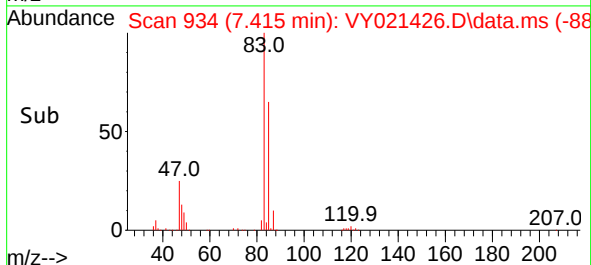
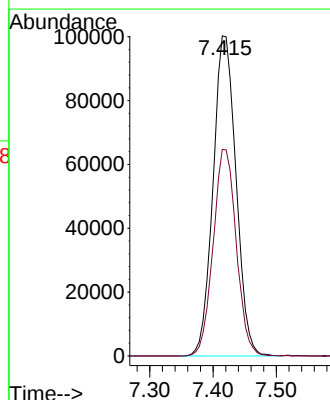
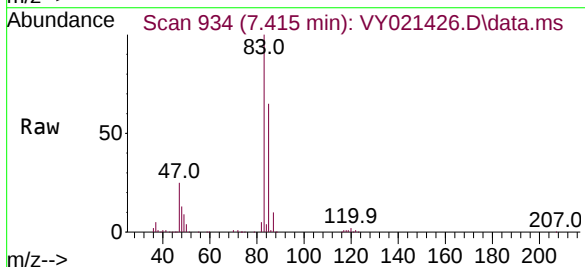
Acq: 06 Mar 2025 10:10

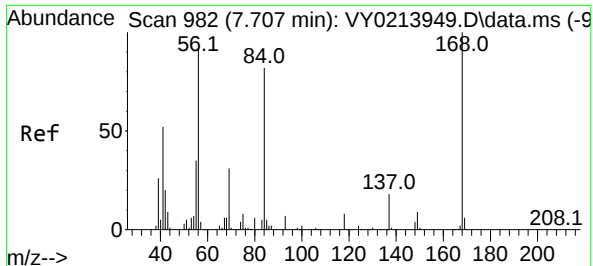
Tgt Ion: 83 Resp: 252791

Ion Ratio Lower Upper

83 100

85 64.5 53.1 79.7





#31

Cyclohexane

Concen: 44.867 ug/l

RT: 7.701 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

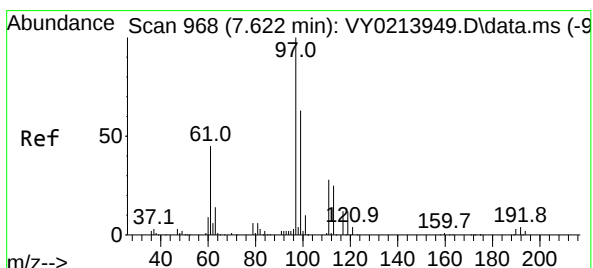
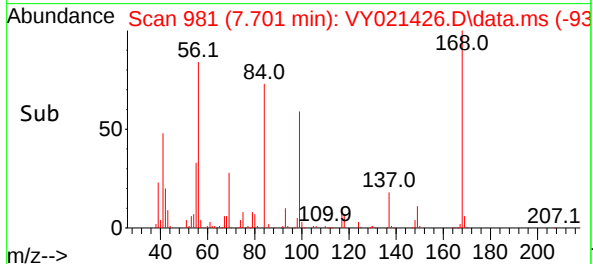
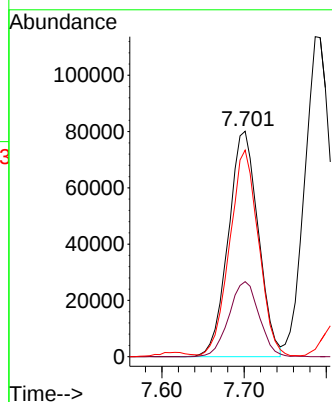
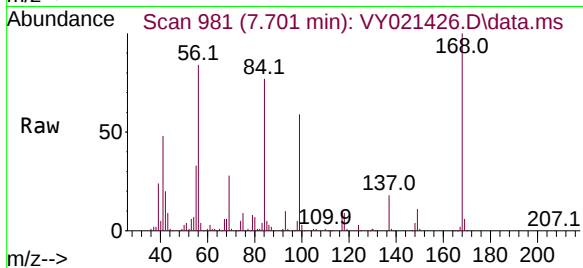
Tgt Ion: 56 Resp: 202739

Ion Ratio Lower Upper

56 100

69 33.3 27.0 40.4

84 89.8 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.483 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

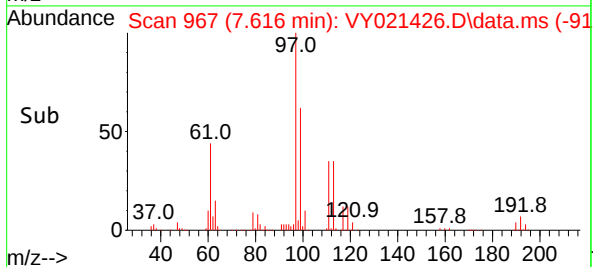
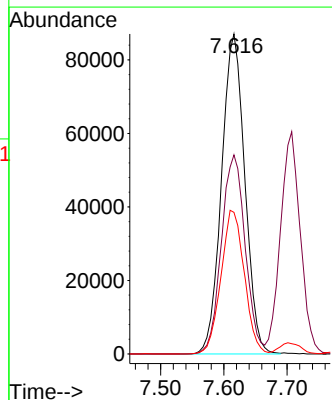
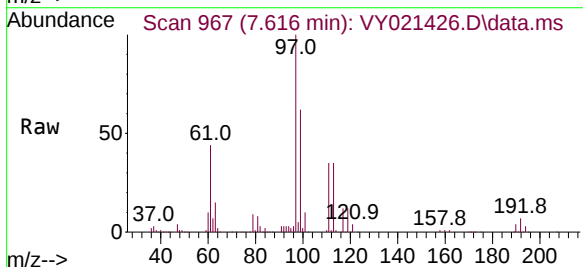
Tgt Ion: 97 Resp: 222183

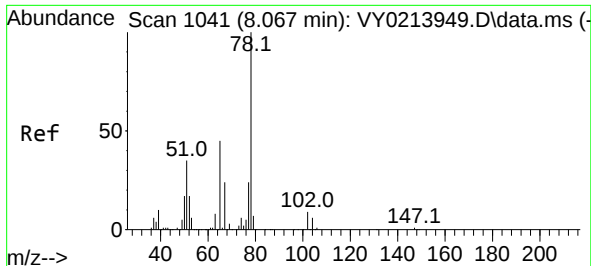
Ion Ratio Lower Upper

97 100

99 63.7 51.7 77.5

61 45.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.398 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

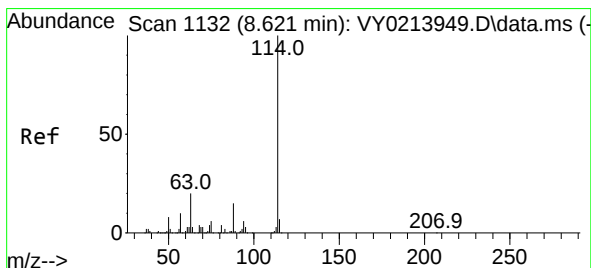
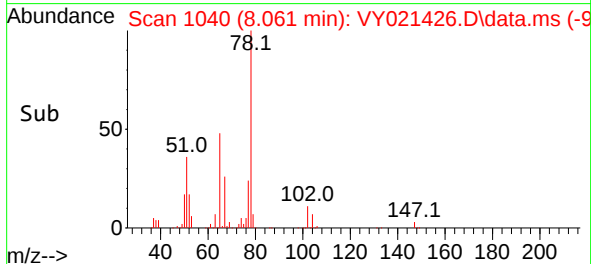
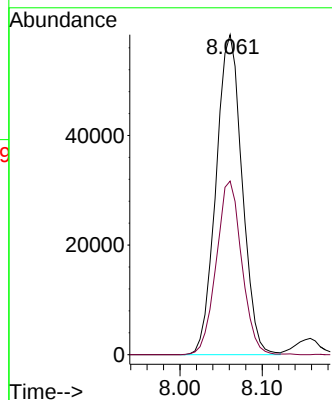
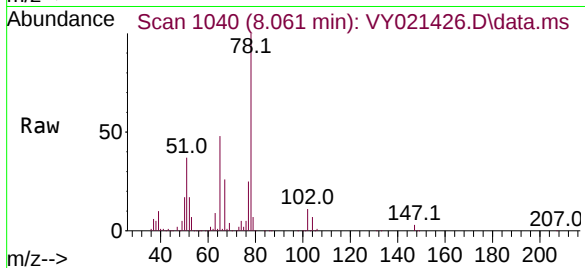
VSTDCCC050

Tgt Ion: 65 Resp: 128835

Ion Ratio Lower Upper

65 100

67 53.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

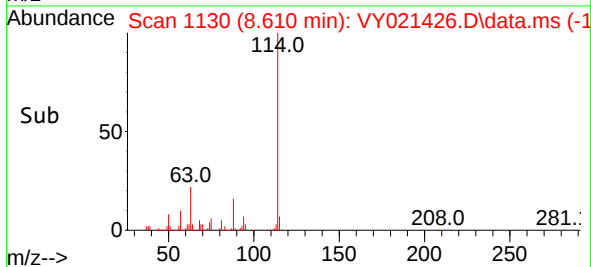
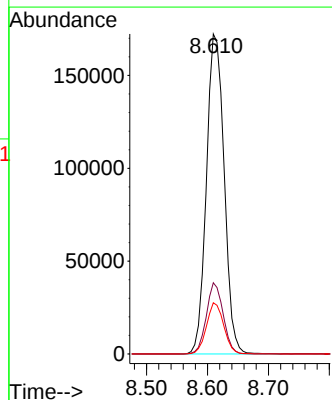
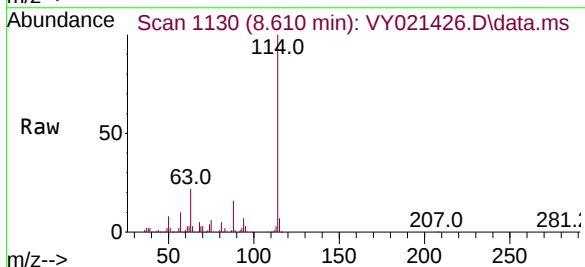
Tgt Ion:114 Resp: 348529

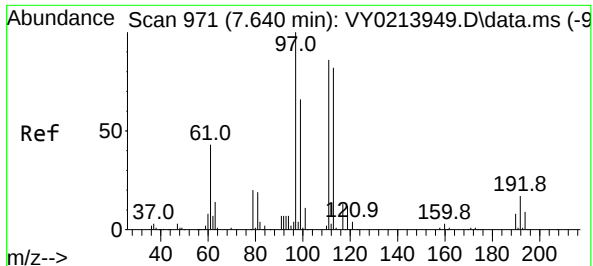
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.8

88 16.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.115 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

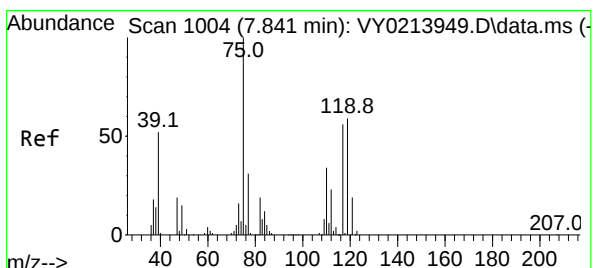
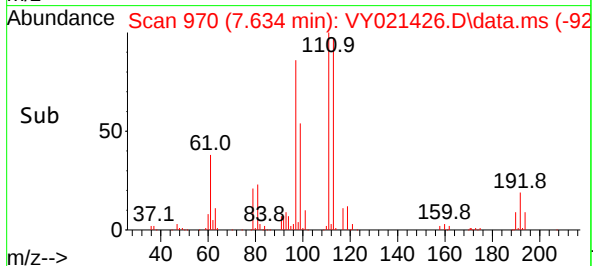
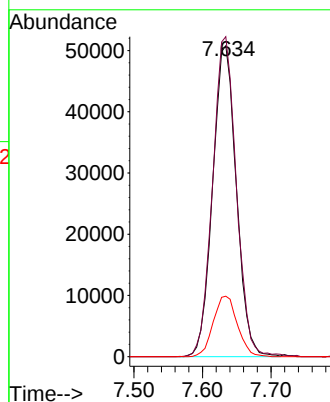
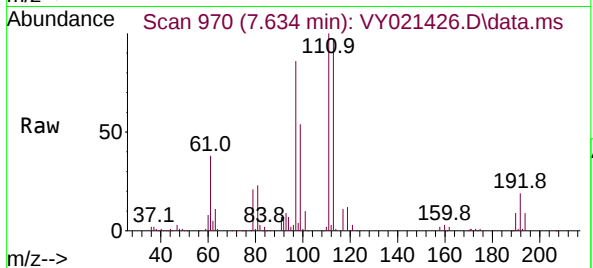
Tgt Ion:113 Resp: 121683

Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 19.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.883 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

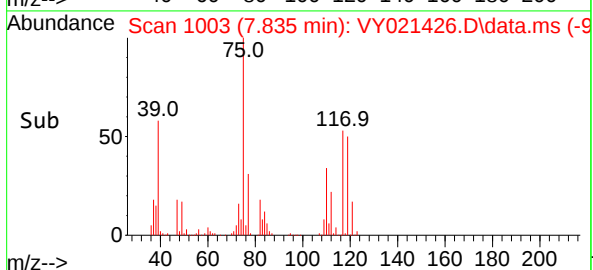
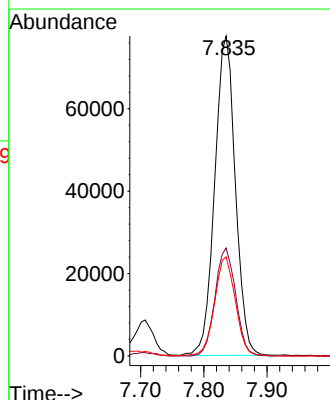
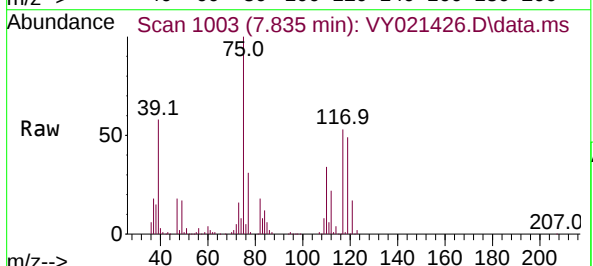
Tgt Ion: 75 Resp: 175296

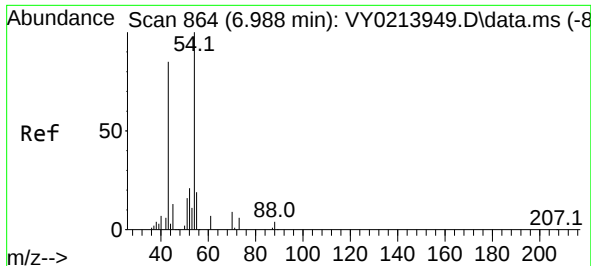
Ion Ratio Lower Upper

75 100

110 33.8 17.3 51.7

77 31.3 25.4 38.2





#37

Ethyl Acetate

Concen: 57.095 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

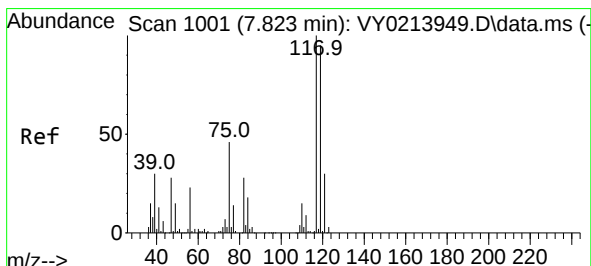
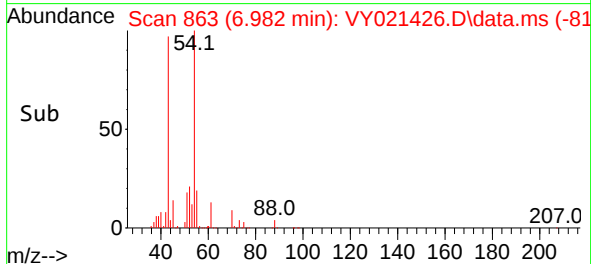
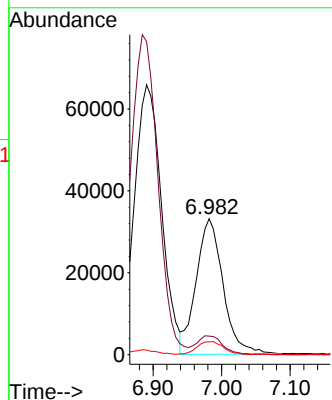
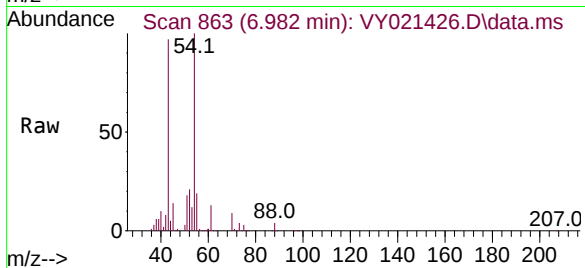
Tgt Ion: 43 Resp: 90495

Ion Ratio Lower Upper

43 100

61 12.8 11.4 17.0

70 9.6 8.2 12.2



#38

Carbon Tetrachloride

Concen: 48.736 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

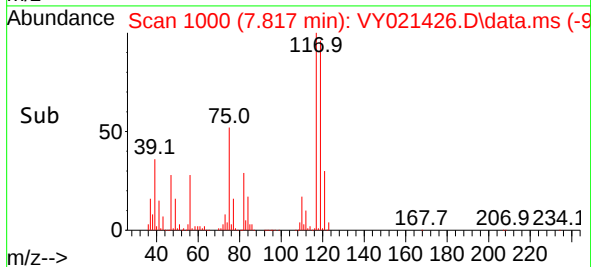
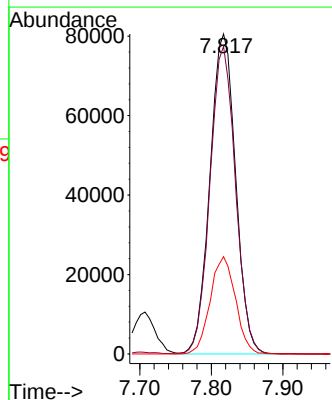
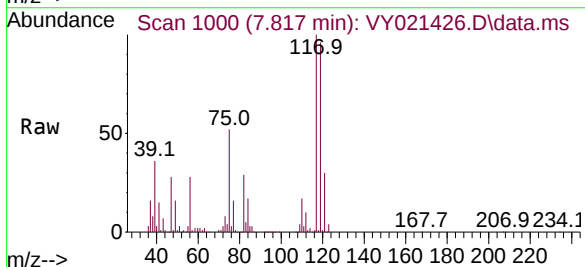
Tgt Ion: 117 Resp: 200999

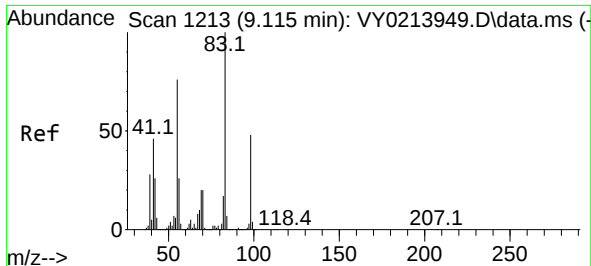
Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 48.487 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

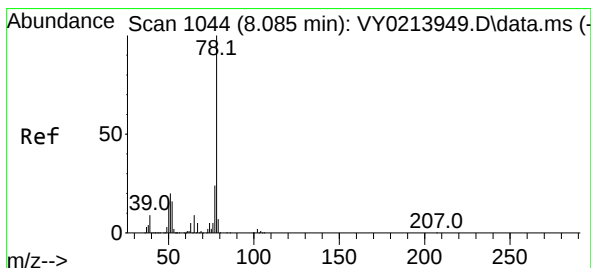
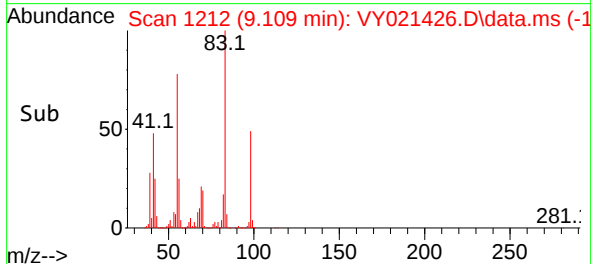
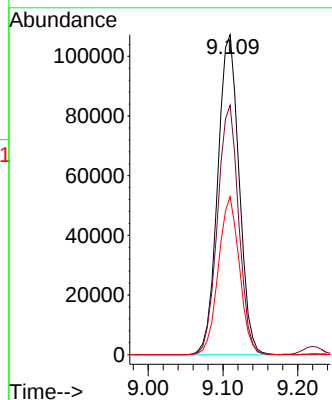
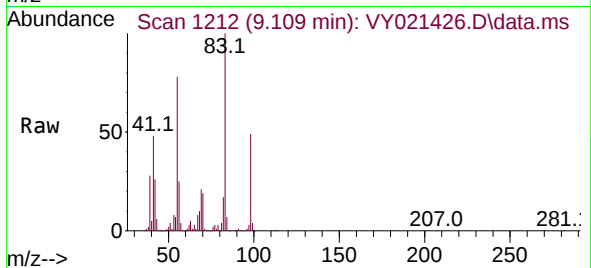
Tgt Ion: 83 Resp: 213278

Ion Ratio Lower Upper

83 100

55 78.0 60.7 91.1

98 49.4 38.6 57.8



#40

Benzene

Concen: 50.938 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021426.D

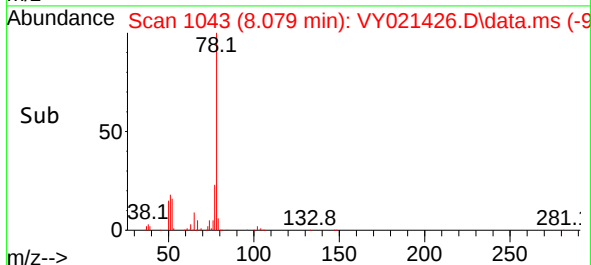
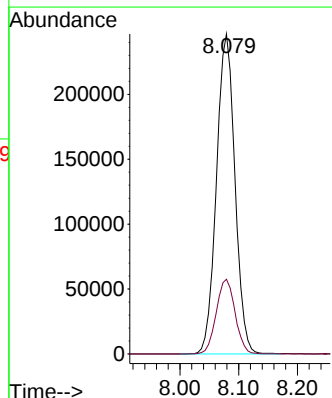
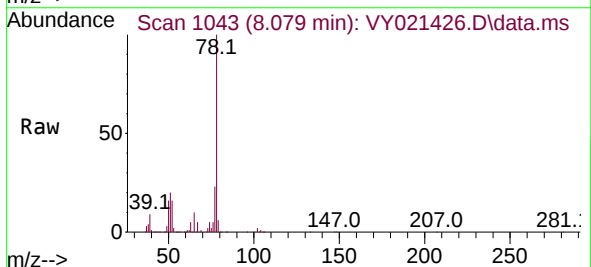
Acq: 06 Mar 2025 10:10

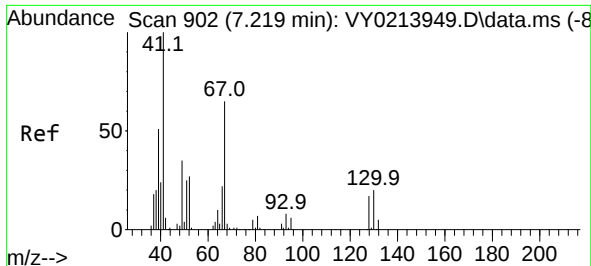
Tgt Ion: 78 Resp: 538095

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

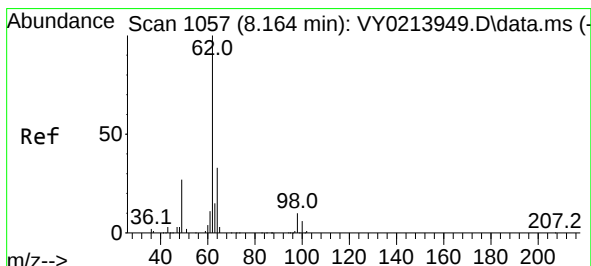
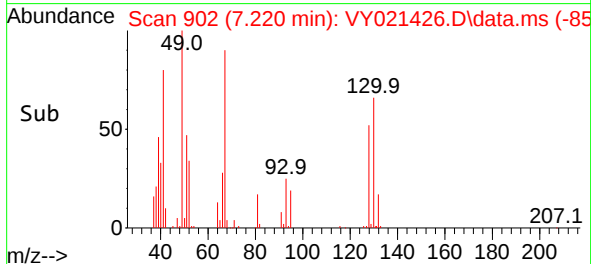
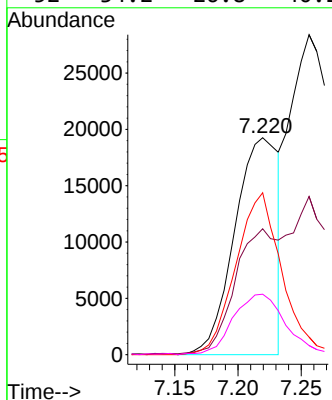
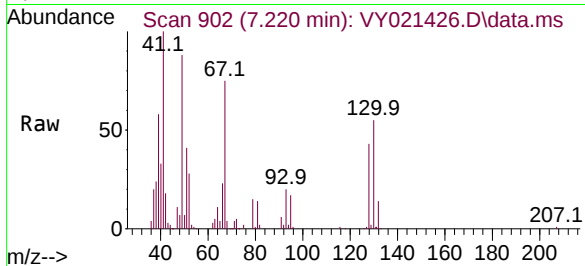




#41
Methacrylonitrile
Concen: 53.514 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

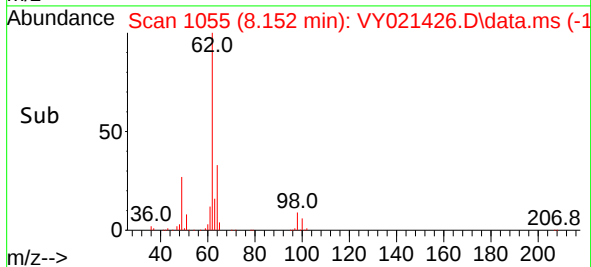
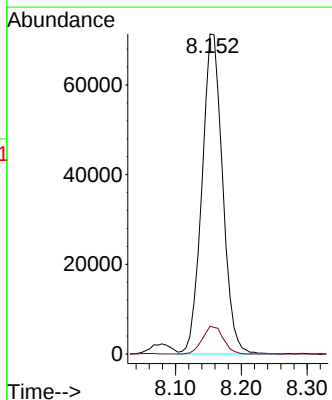
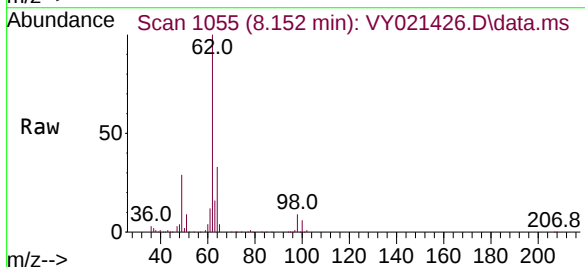
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

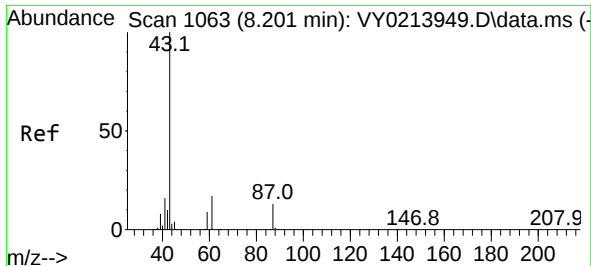
Tgt Ion: 41 Resp: 46184
Ion Ratio Lower Upper
41 100
39 57.5 35.0 52.6#
67 78.8 61.2 91.8
52 34.2 26.8 40.2



#42
1,2-Dichloroethane
Concen: 52.759 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 62 Resp: 155915
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.2

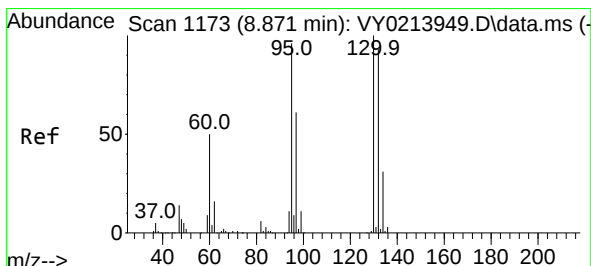
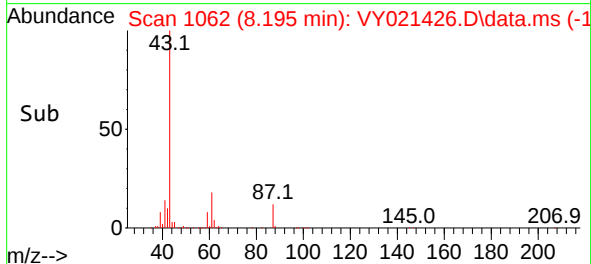
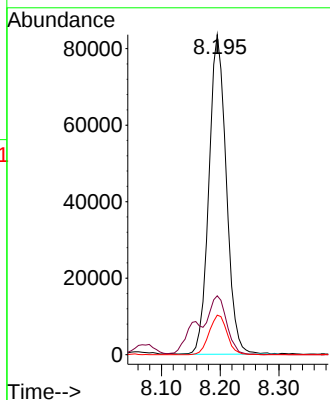
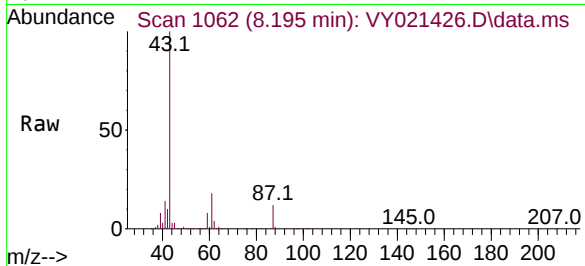




#43
Isopropyl Acetate
Concen: 55.731 ug/l
RT: 8.195 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

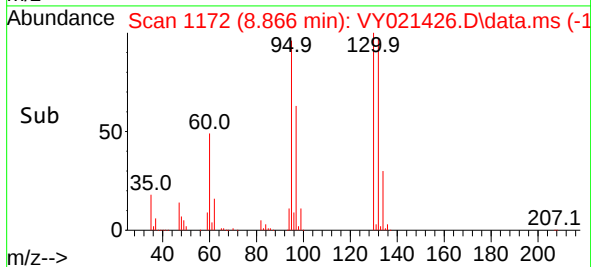
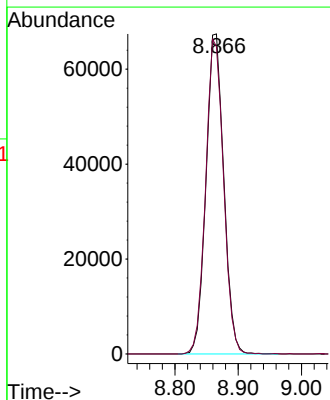
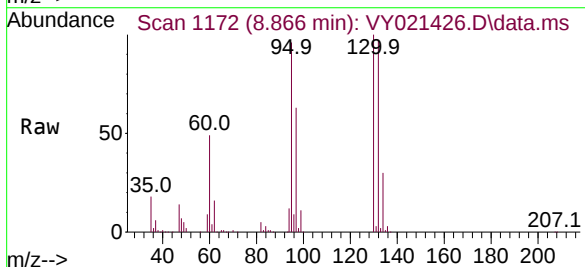
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

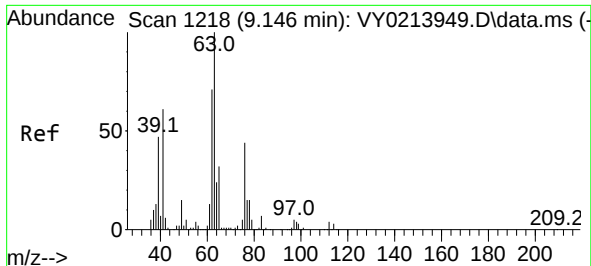
Tgt Ion: 43 Resp: 171475
Ion Ratio Lower Upper
43 100
61 19.2 23.4 35.0#
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 49.358 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:130 Resp: 131758
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.738 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

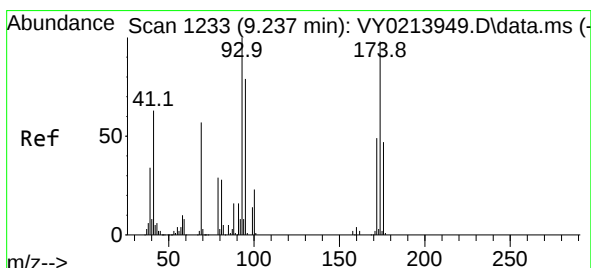
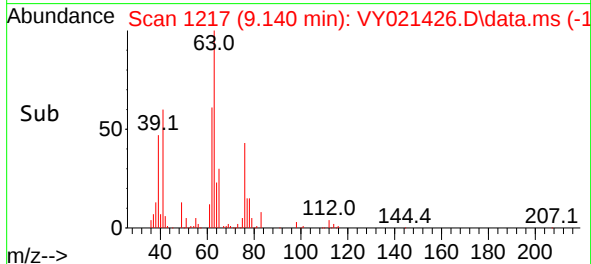
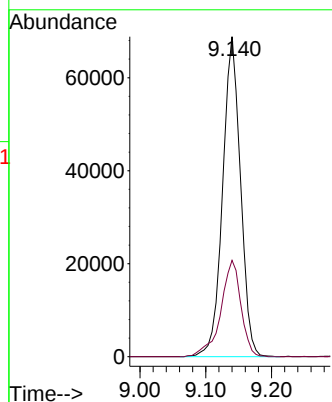
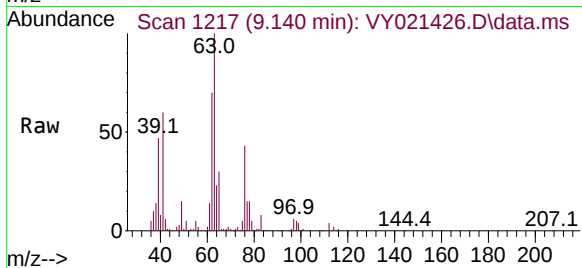
VSTDCCC050

Tgt Ion: 63 Resp: 130077

Ion Ratio Lower Upper

63 100

65 30.1 26.0 39.0



#46

Dibromomethane

Concen: 55.018 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

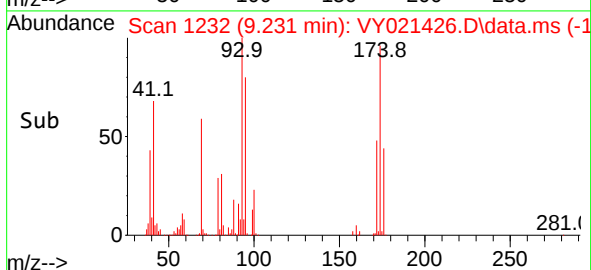
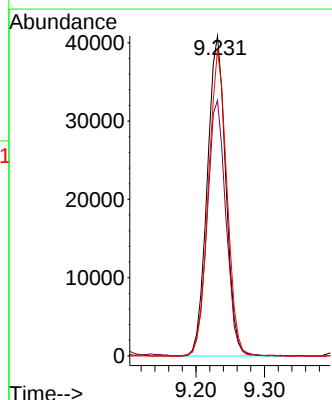
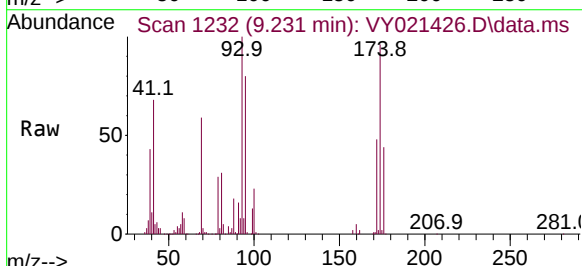
Tgt Ion: 93 Resp: 76964

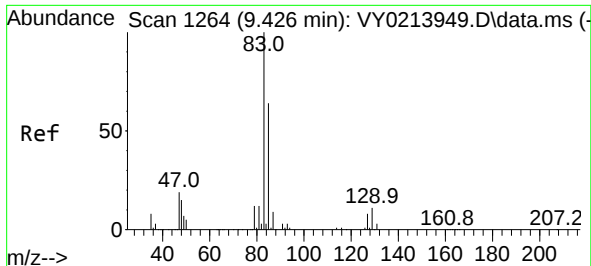
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.8

174 95.1 77.9 116.9

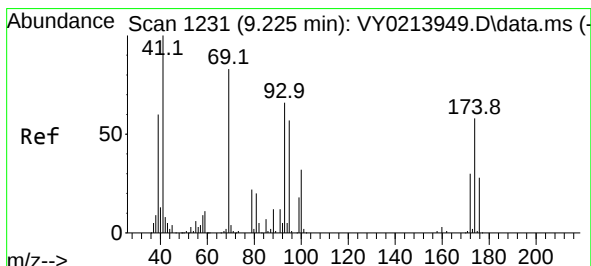
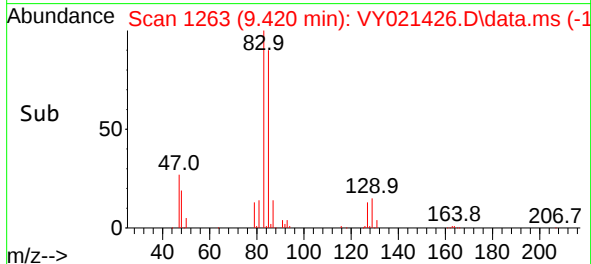
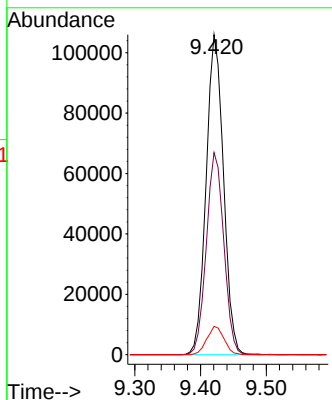
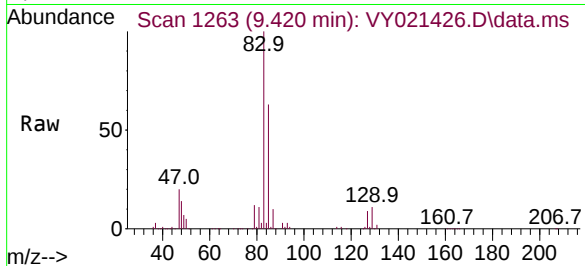




#47
Bromodichloromethane
Concen: 52.398 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

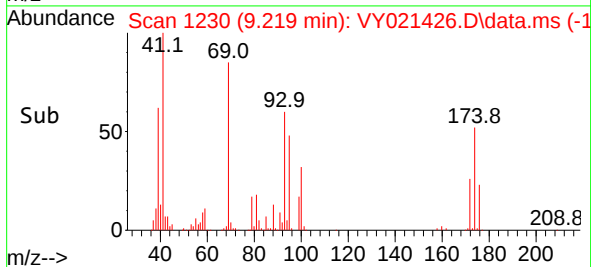
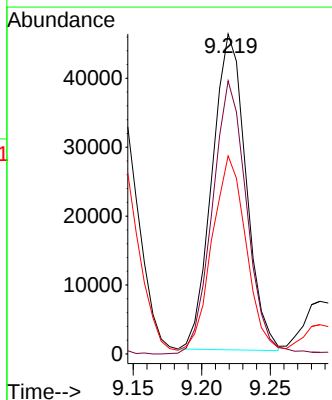
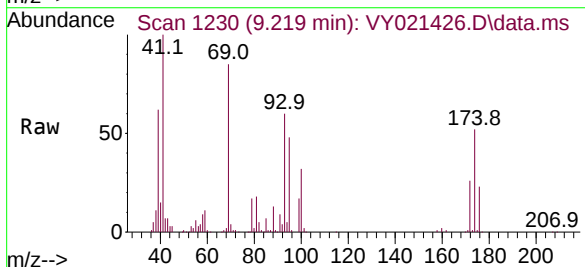
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

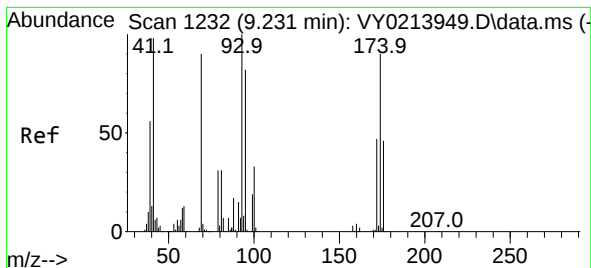
Tgt Ion: 83 Resp: 194661
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 55.808 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 41 Resp: 78849
Ion Ratio Lower Upper
41 100
69 88.1 67.8 101.8
39 61.6 46.4 69.6





#49

1,4-Dioxane

Concen: 1278.089 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

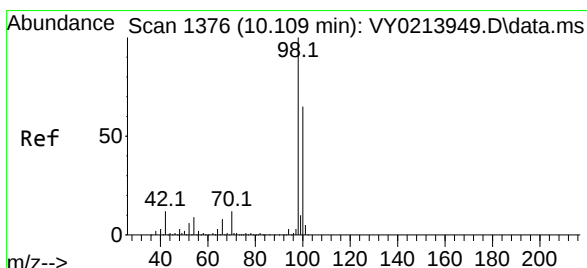
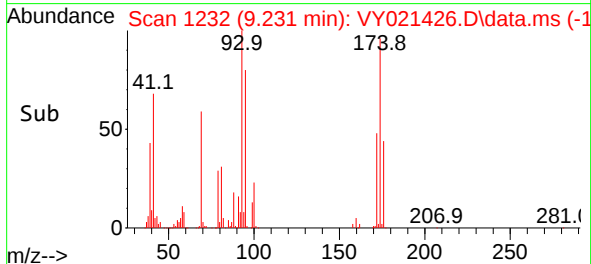
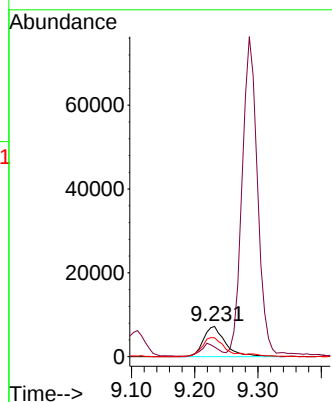
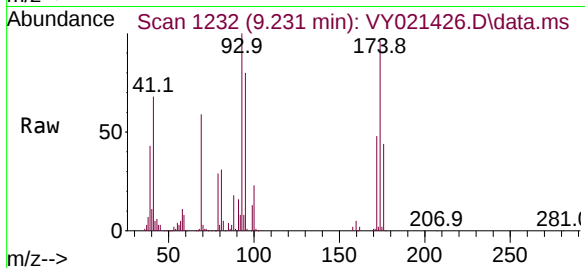
Tgt Ion: 88 Resp: 17549

Ion Ratio Lower Upper

88 100

43 31.5 25.0 37.4

58 71.9 58.4 87.6



#50

Toluene-d8

Concen: 52.629 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021426.D

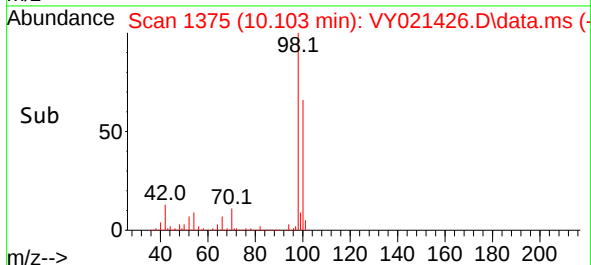
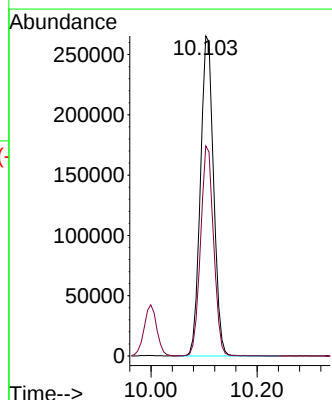
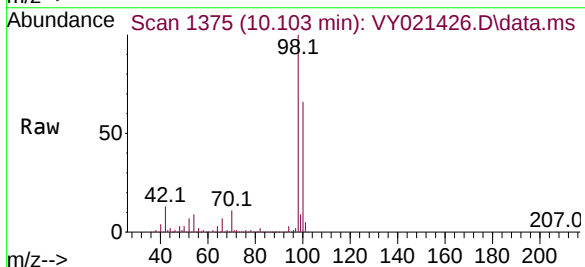
Acq: 06 Mar 2025 10:10

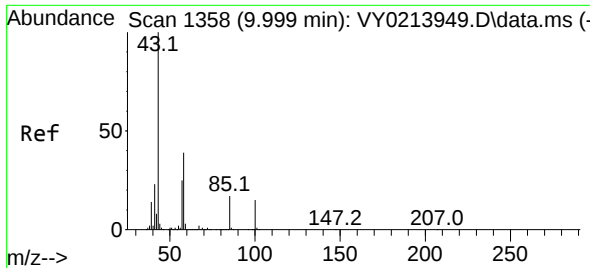
Tgt Ion: 98 Resp: 456517

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

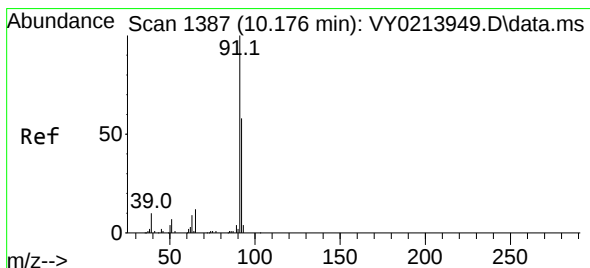
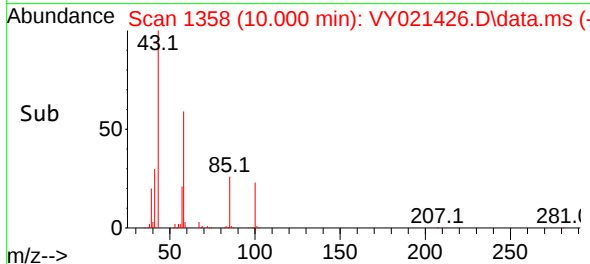
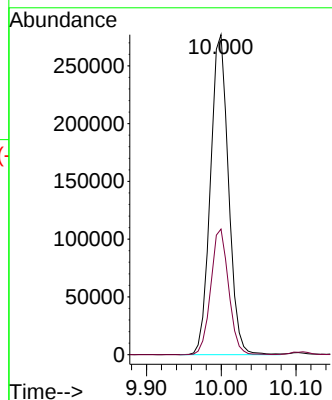
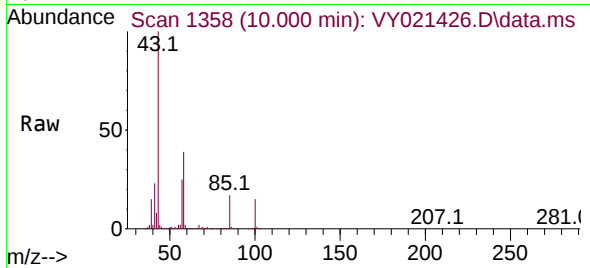




#51
4-Methyl-2-Pentanone
Concen: 292.531 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

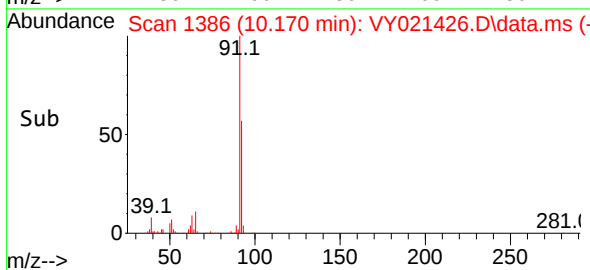
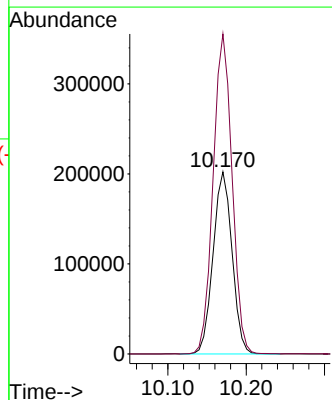
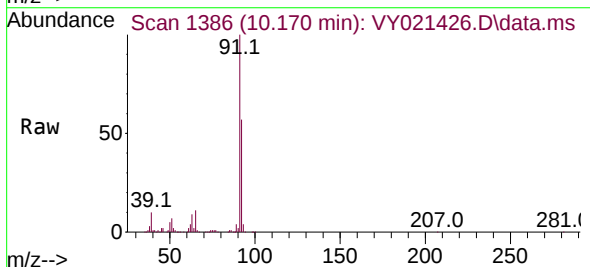
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

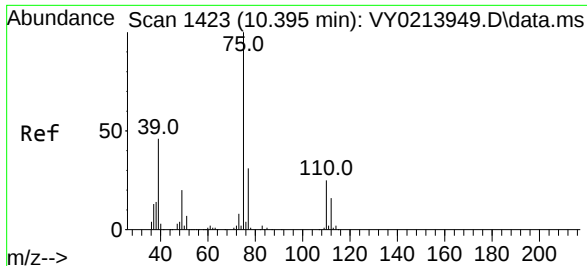
Tgt Ion: 43 Resp: 464408
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 51.010 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 92 Resp: 339723
Ion Ratio Lower Upper
92 100
91 175.8 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 54.523 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

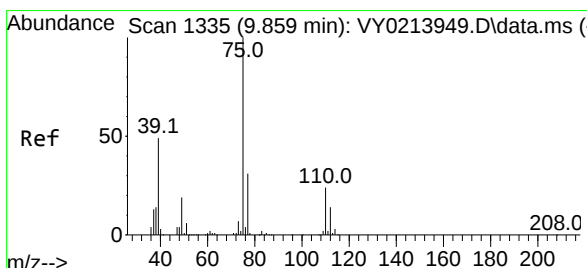
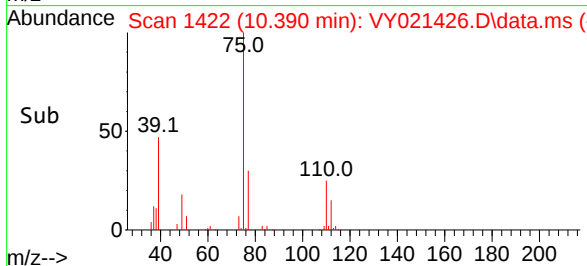
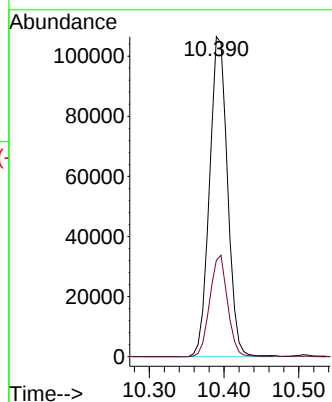
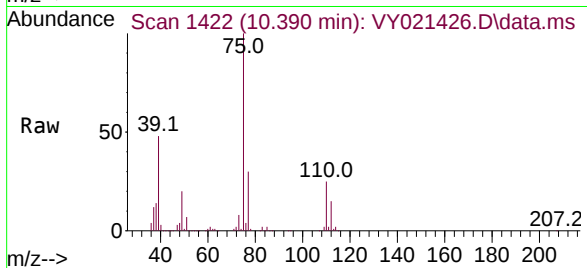
VSTDCCC050

Tgt Ion: 75 Resp: 178453

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 52.641 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

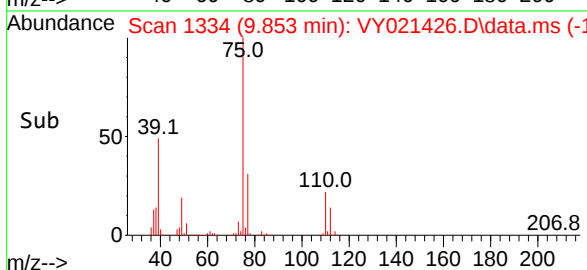
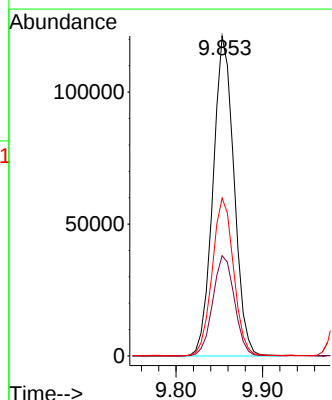
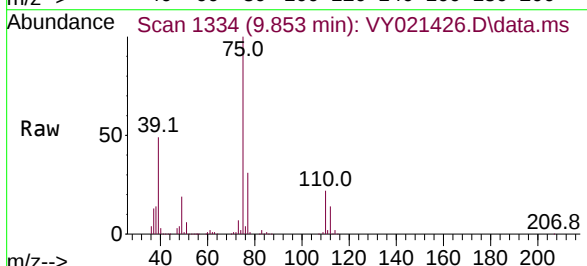
Tgt Ion: 75 Resp: 204560

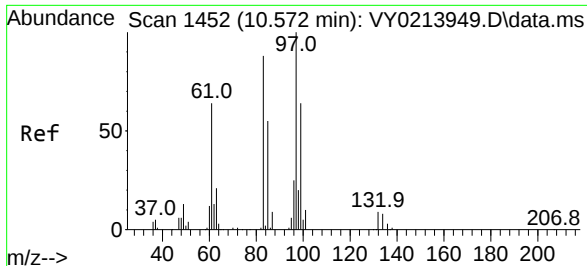
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 49.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 54.258 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 99287

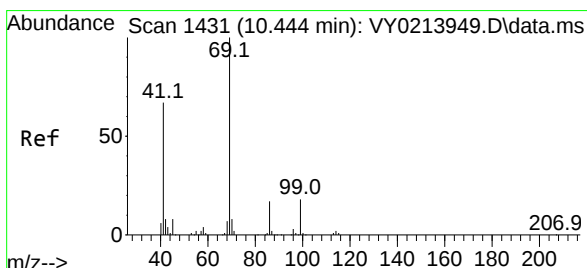
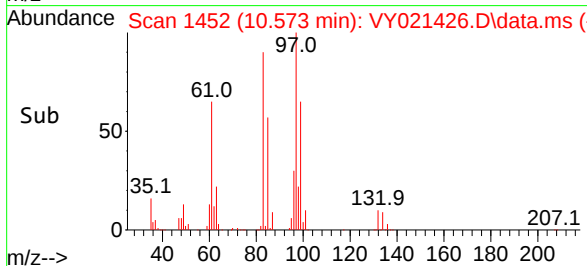
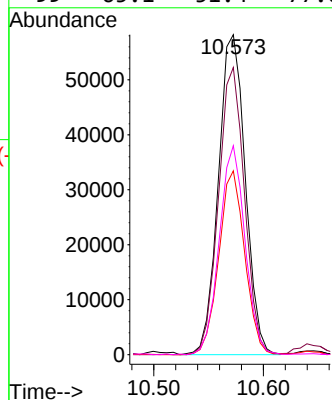
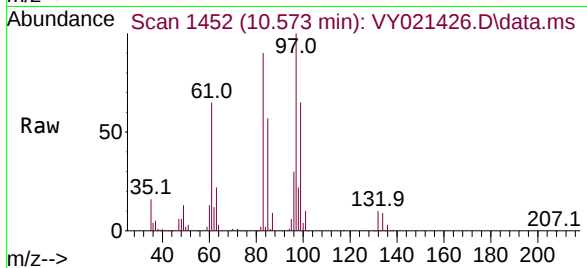
Ion Ratio Lower Upper

97 100

83 89.8 70.0 105.0

85 57.5 44.3 66.5

99 65.1 51.4 77.0



#56

Ethyl methacrylate

Concen: 57.967 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

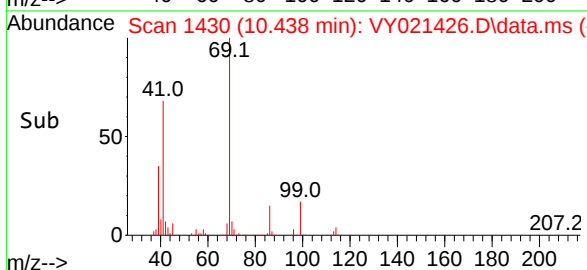
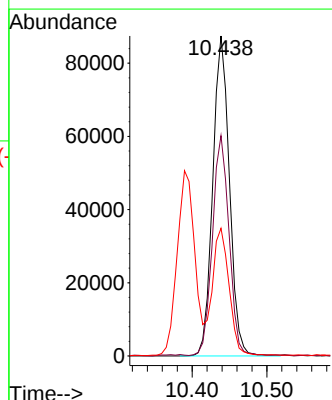
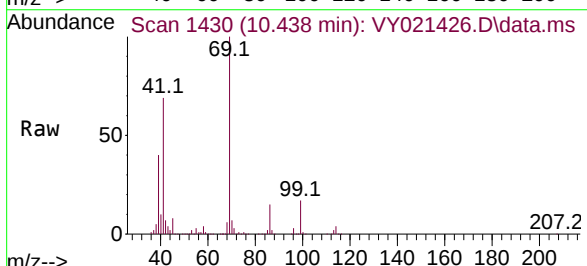
Tgt Ion: 69 Resp: 135282

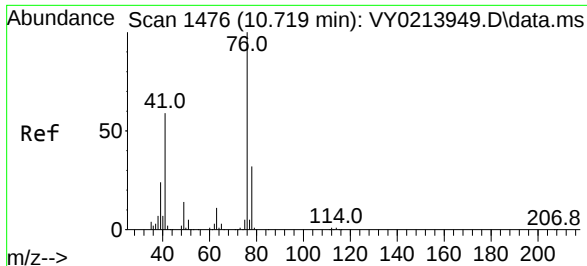
Ion Ratio Lower Upper

69 100

41 68.5 53.3 79.9

39 40.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 54.296 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

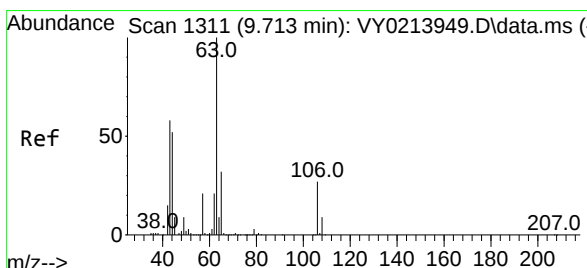
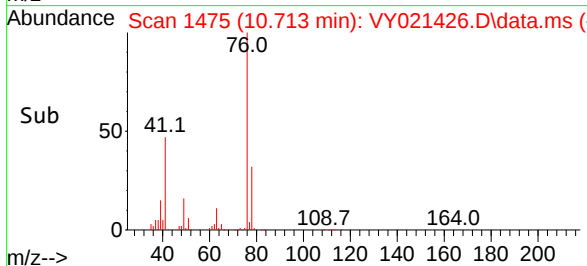
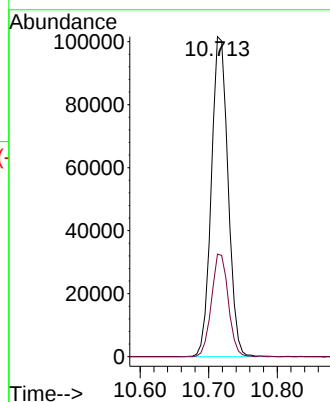
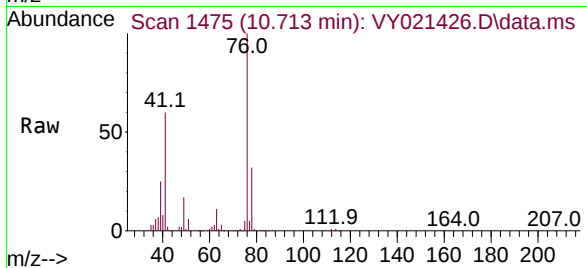
VSTDCCC050

Tgt Ion: 76 Resp: 172201

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 302.700 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021426.D

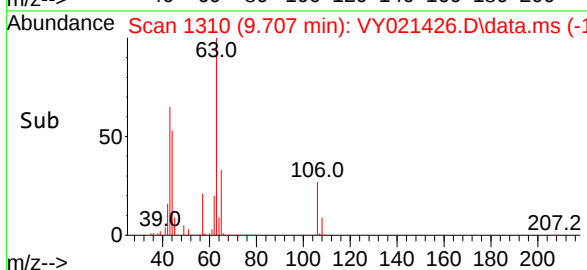
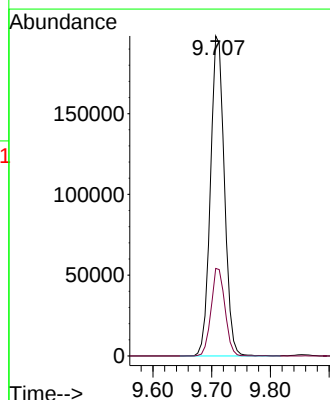
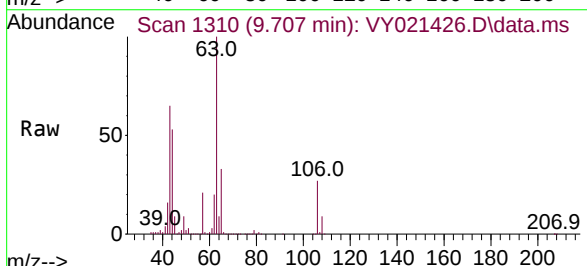
Acq: 06 Mar 2025 10:10

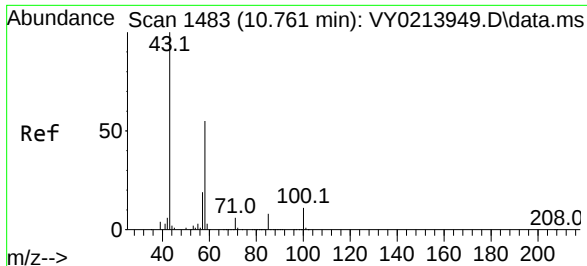
Tgt Ion: 63 Resp: 326106

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1





#59

2-Hexanone

Concen: 298.994 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

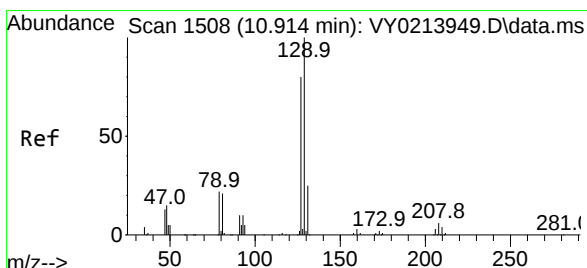
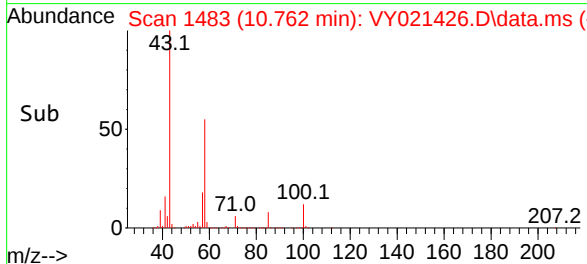
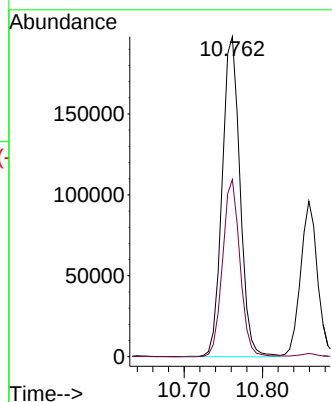
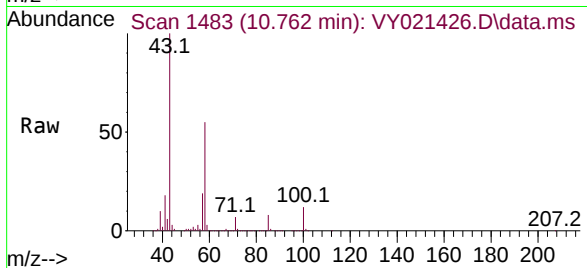
VSTDCCC050

Tgt Ion: 43 Resp: 313862

Ion Ratio Lower Upper

43 100

58 54.1 27.3 81.8



#60

Dibromochloromethane

Concen: 54.286 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021426.D

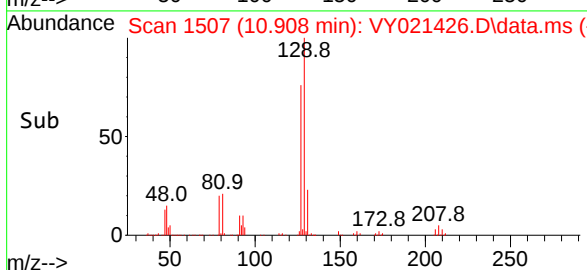
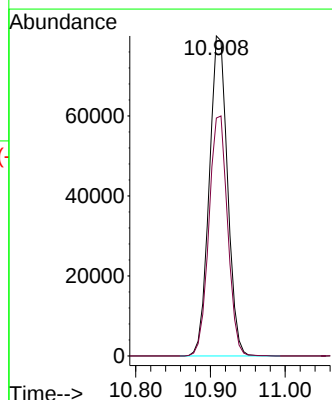
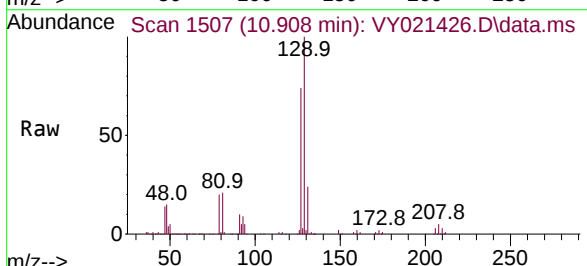
Acq: 06 Mar 2025 10:10

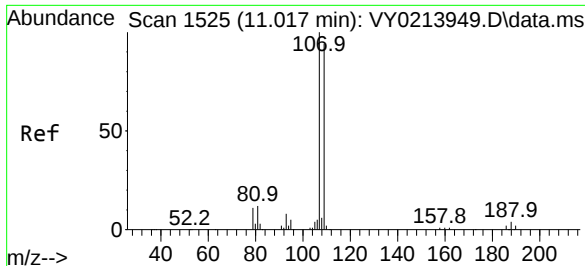
Tgt Ion: 129 Resp: 136186

Ion Ratio Lower Upper

129 100

127 76.5 39.1 117.3

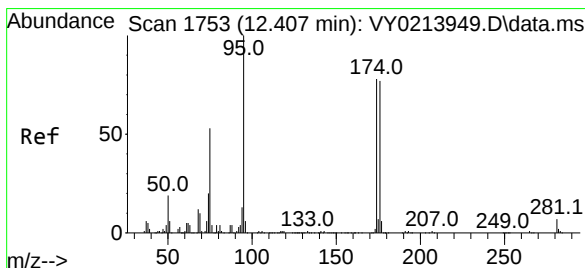
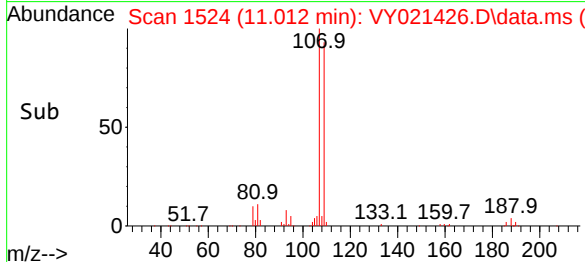
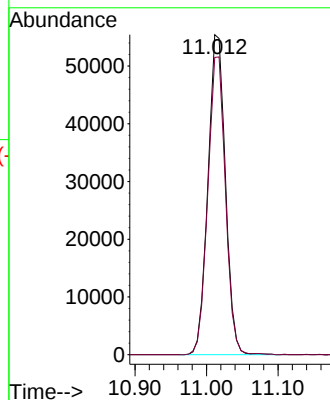
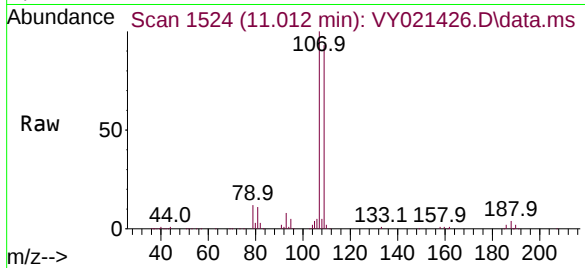




#61
1,2-Dibromoethane
Concen: 54.483 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

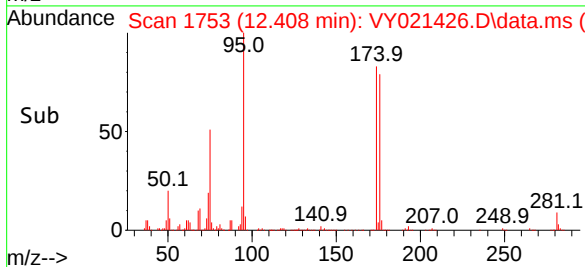
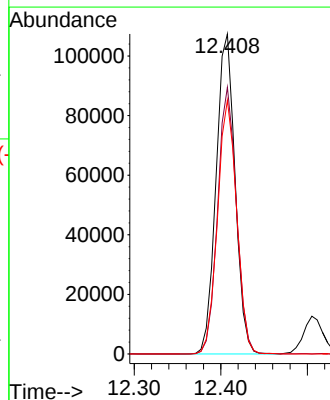
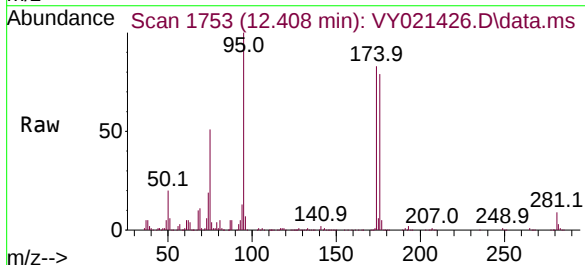
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

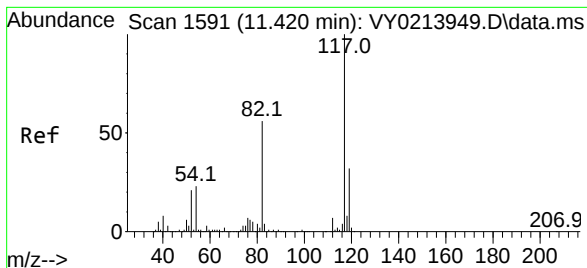
Tgt Ion:107 Resp: 94094
Ion Ratio Lower Upper
107 100
109 93.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.397 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 95 Resp: 163454
Ion Ratio Lower Upper
95 100
174 82.4 0.0 165.0
176 80.0 0.0 160.0

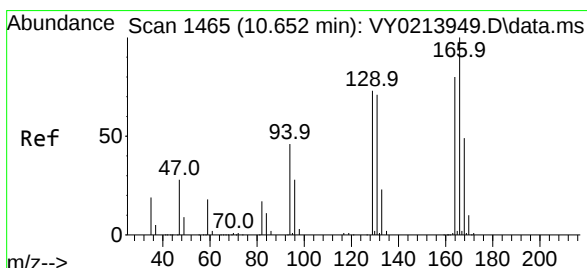
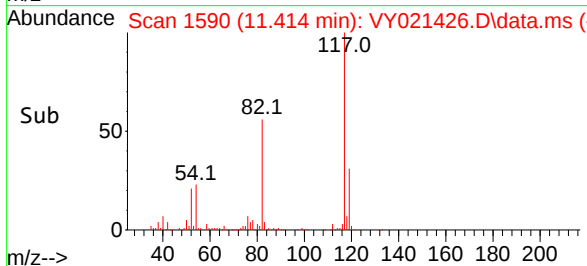
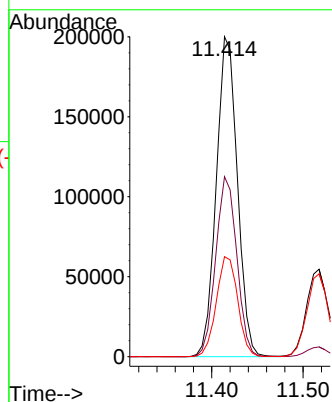
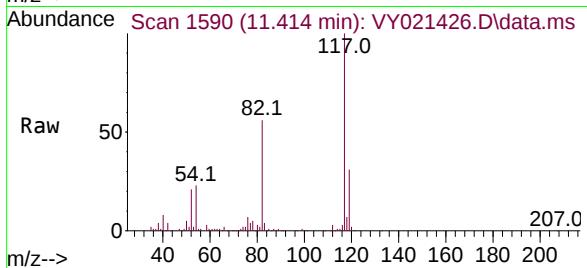




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

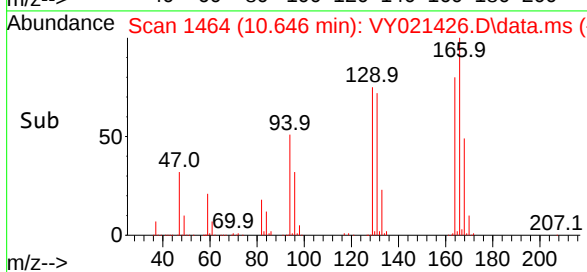
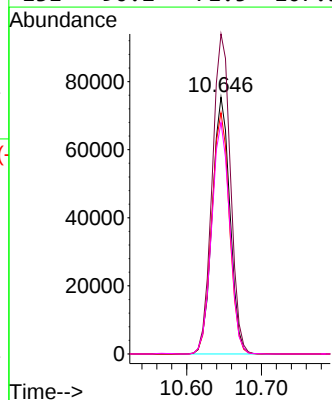
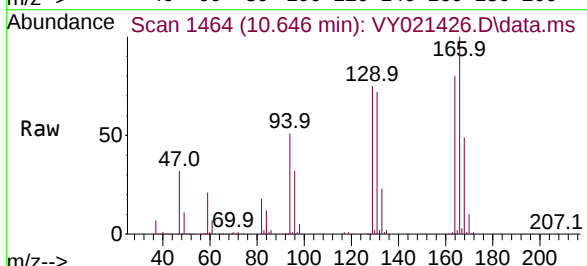
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

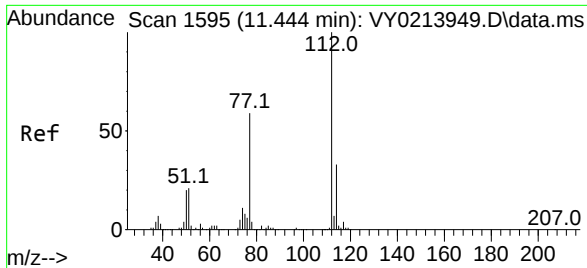
Tgt Ion:117 Resp: 321426
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 47.271 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:164 Resp: 123553
Ion Ratio Lower Upper
164 100
166 124.6 100.4 150.6
129 94.0 73.8 110.8
131 90.2 71.5 107.3

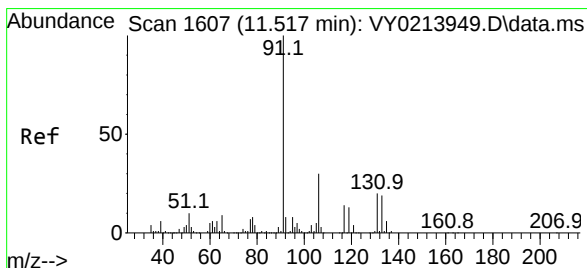
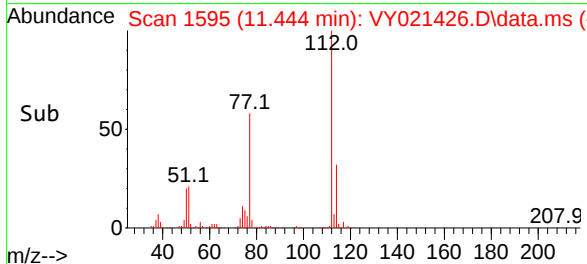
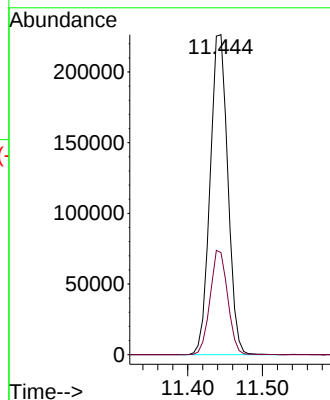
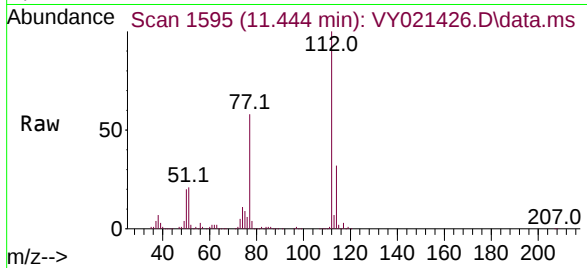




#65
Chlorobenzene
Concen: 49.139 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

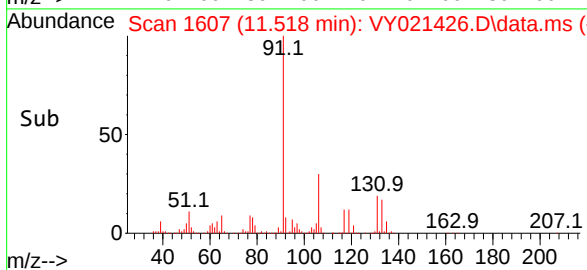
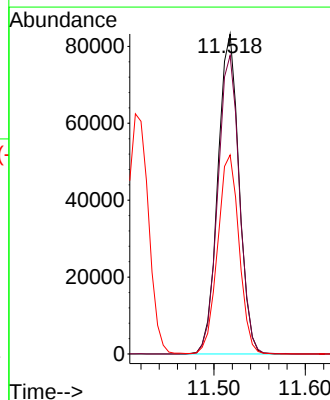
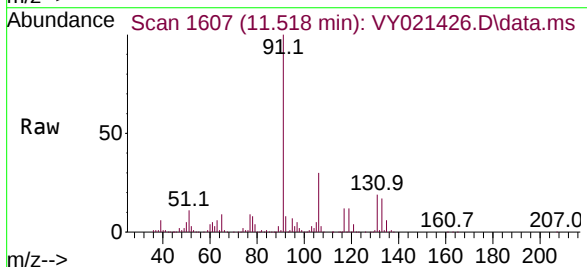
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

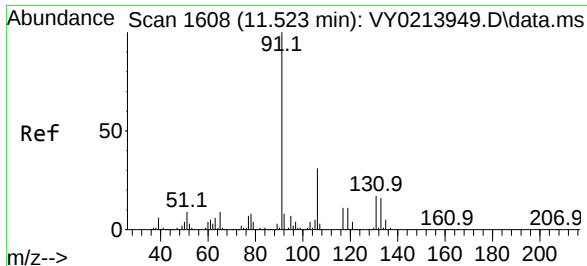
Tgt Ion:112 Resp: 372978
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.836 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:131 Resp: 133738
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 63.1 32.3 96.9





#67

Ethyl Benzene

Concen: 49.791 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

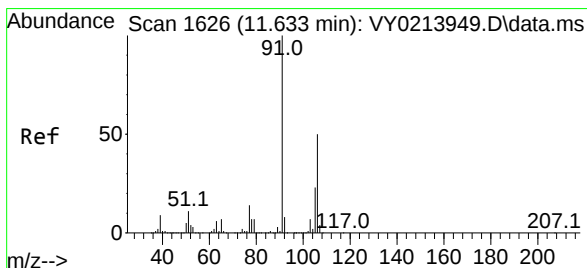
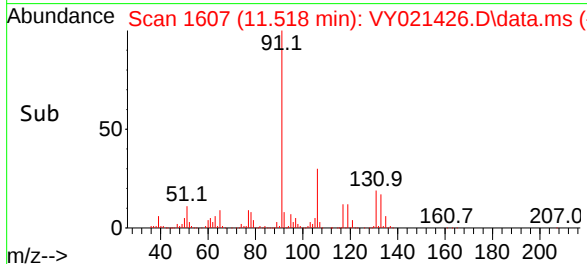
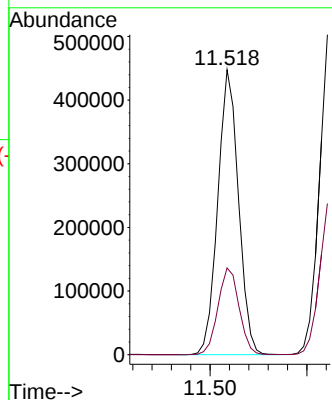
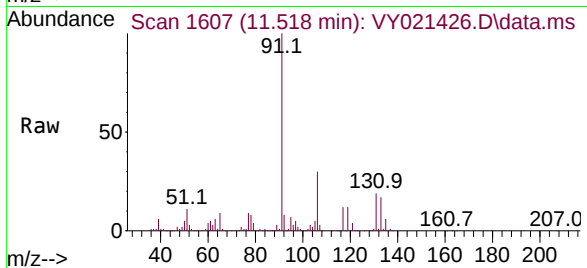
VSTDCCC050

Tgt Ion: 91 Resp: 663345

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 99.700 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021426.D

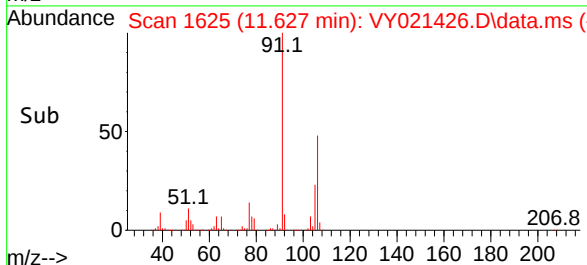
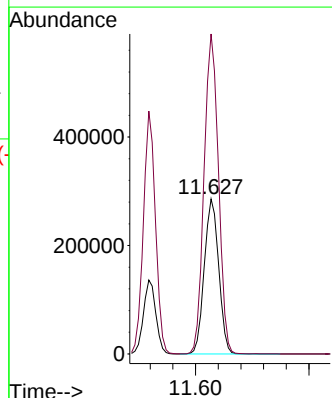
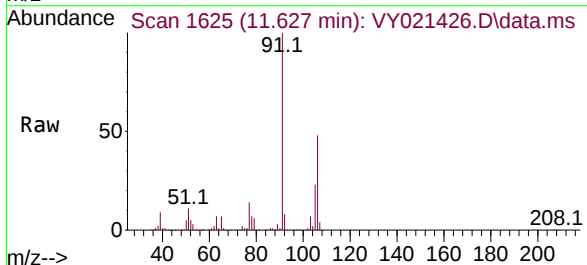
Acq: 06 Mar 2025 10:10

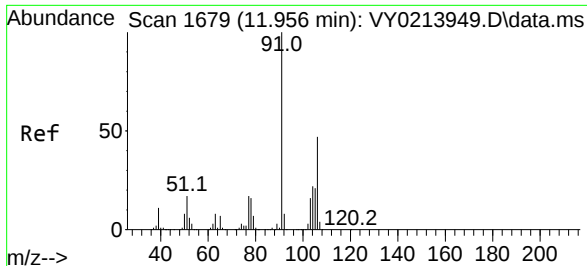
Tgt Ion:106 Resp: 504274

Ion Ratio Lower Upper

106 100

91 205.9 161.7 242.5

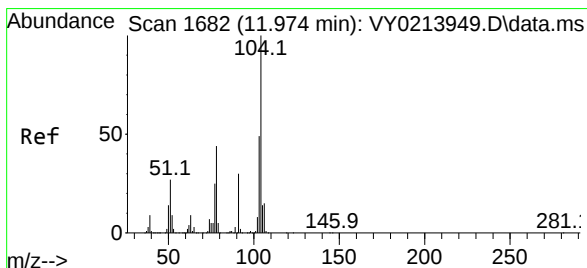
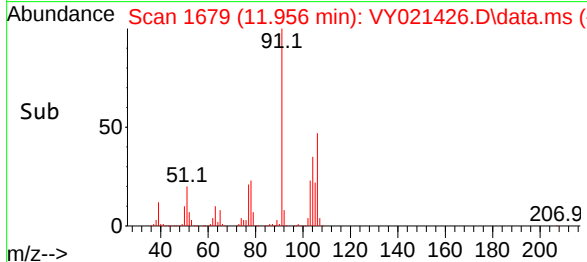
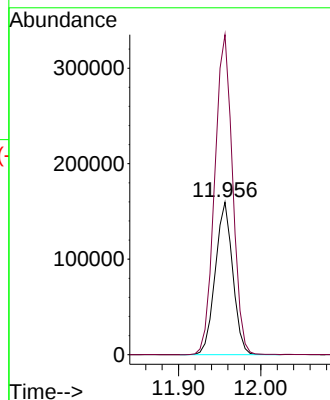
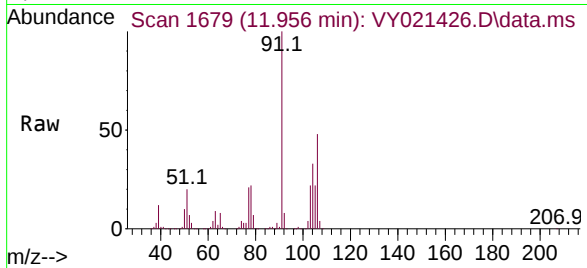




#69
o-Xylene
Concen: 50.512 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

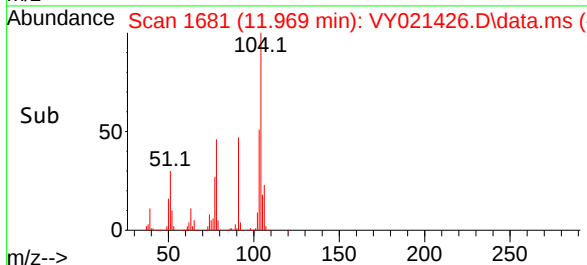
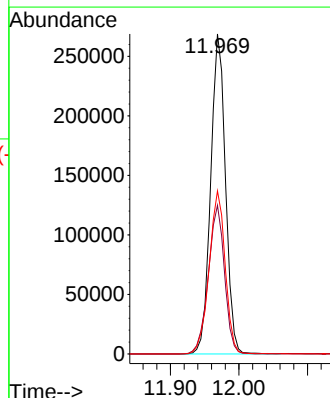
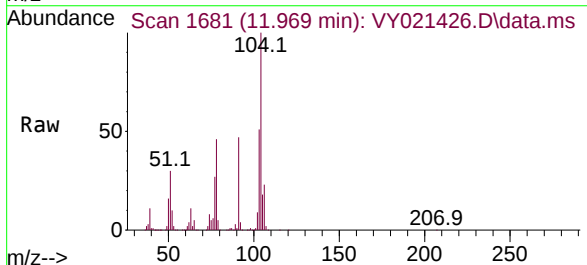
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

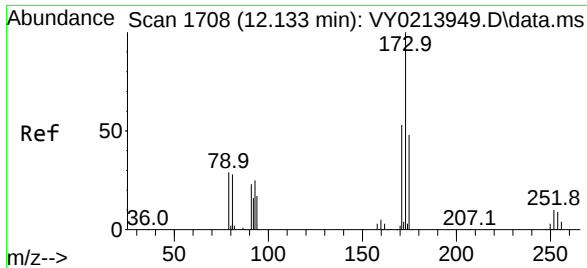
Tgt Ion:106 Resp: 235466
Ion Ratio Lower Upper
106 100
91 215.0 107.6 322.8



#70
Styrene
Concen: 52.337 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:104 Resp: 404739
Ion Ratio Lower Upper
104 100
78 50.8 40.7 61.1
103 55.2 44.1 66.1

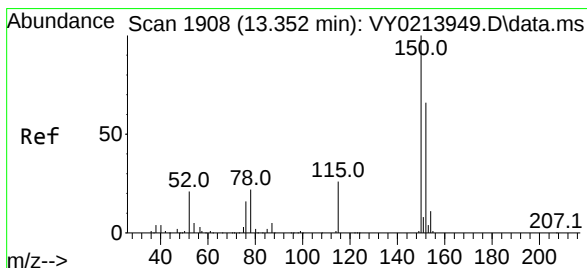
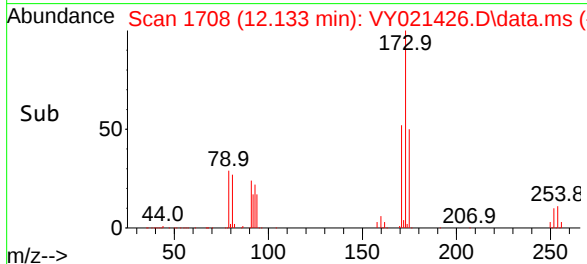
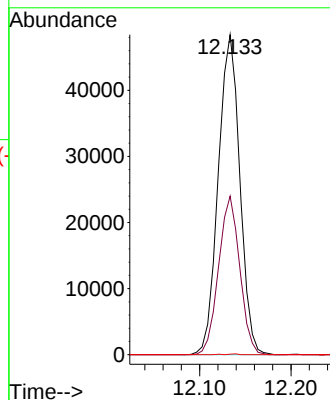
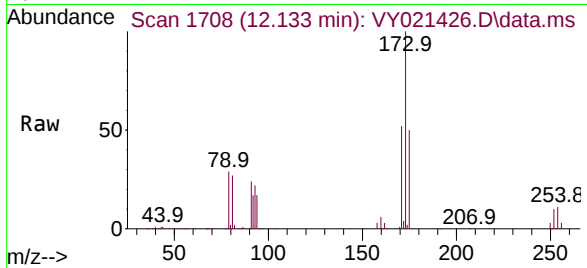




#71
Bromoform
Concen: 52.982 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

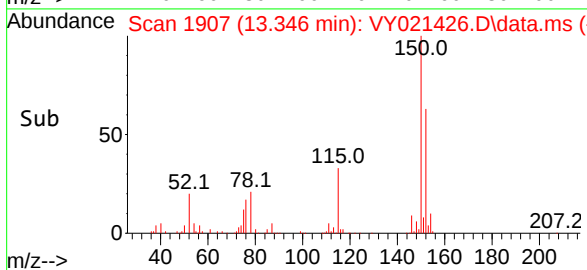
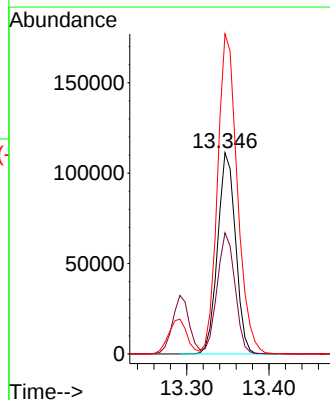
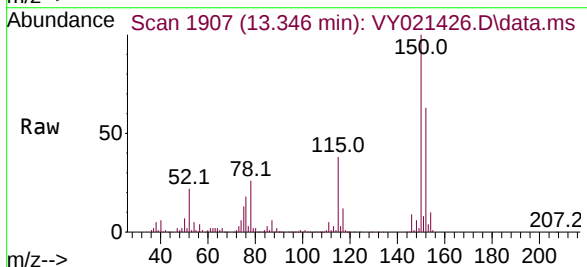
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

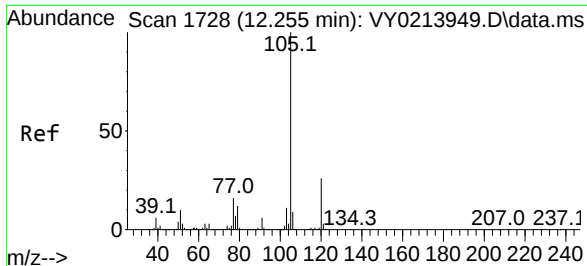
Tgt Ion:173 Resp: 79480
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:152 Resp: 168733
Ion Ratio Lower Upper
152 100
115 60.0 29.0 87.0
150 175.2 0.0 347.2

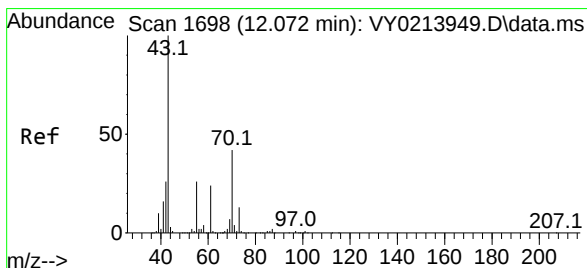
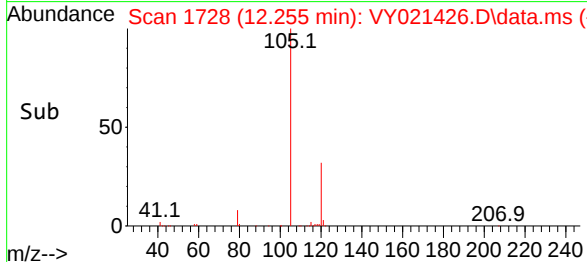
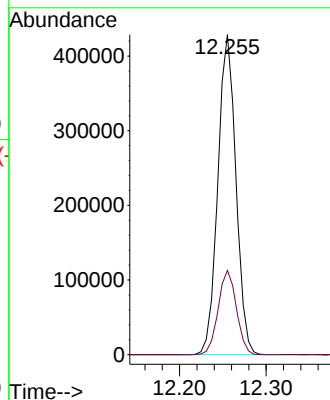
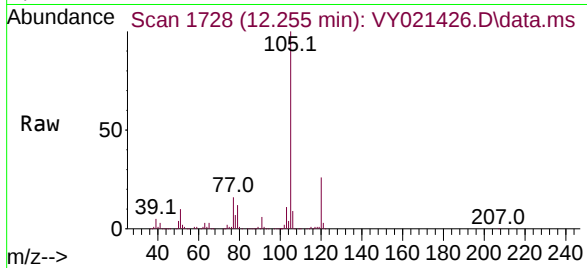




#73
Isopropylbenzene
Concen: 46.741 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

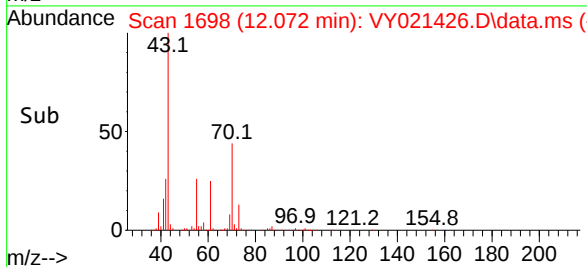
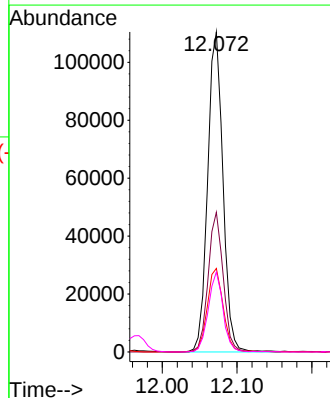
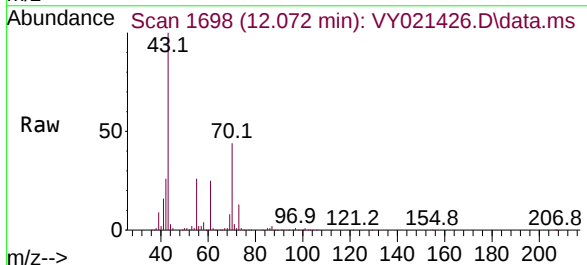
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

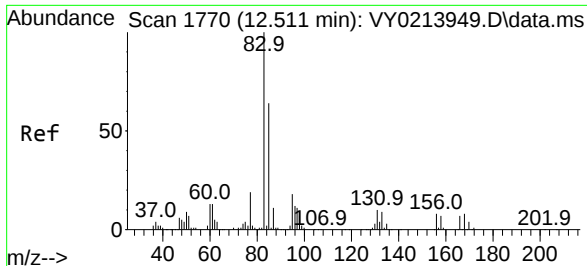
Tgt Ion:105 Resp: 621268
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 54.396 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 43 Resp: 157019
Ion Ratio Lower Upper
43 100
70 43.0 34.6 51.8
55 27.5 21.1 31.7
61 24.3 19.4 29.0

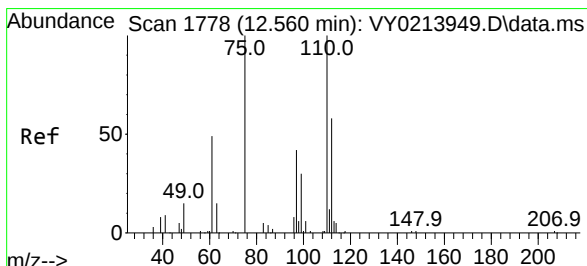
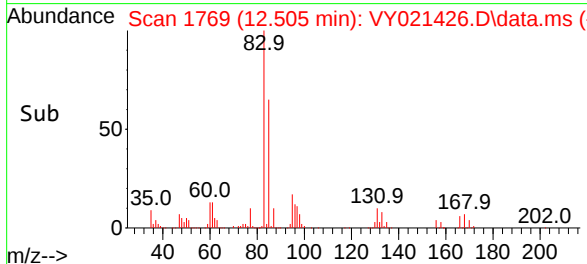
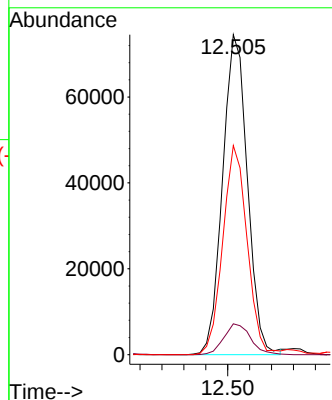
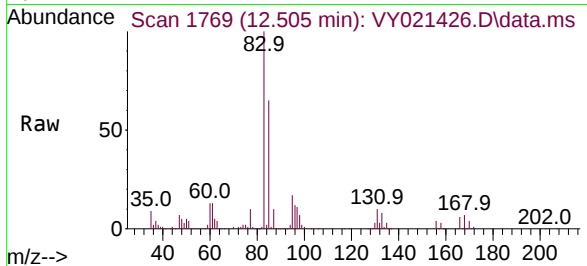




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.905 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

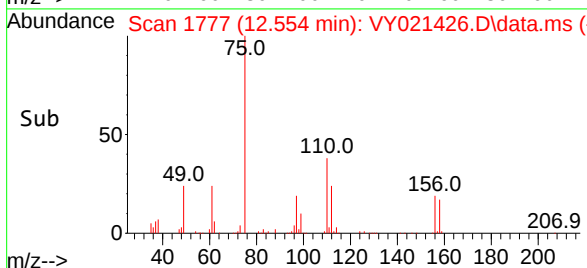
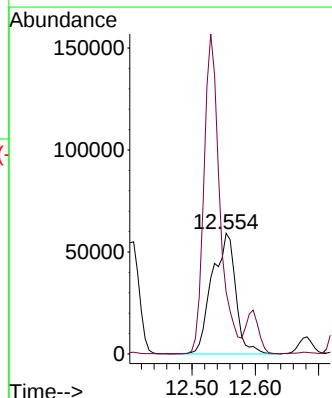
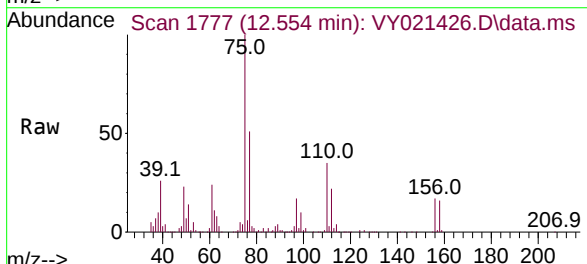
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

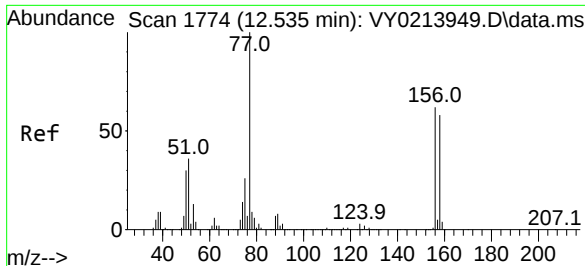
Tgt Ion: 83 Resp: 117052
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 16.1
 85 64.1 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 89.950 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion: 75 Resp: 152941
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

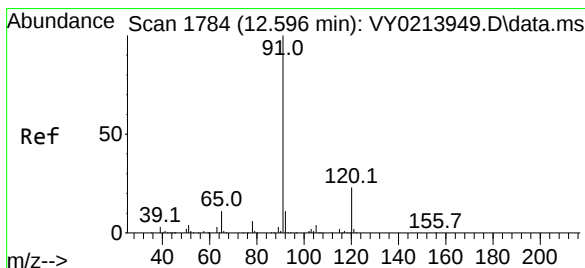
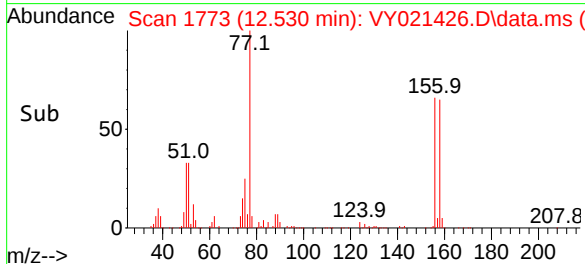
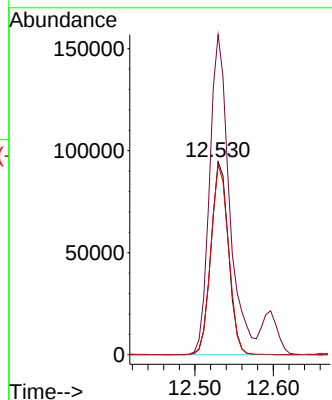
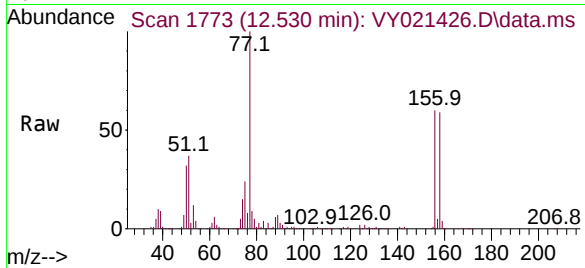




#77
Bromobenzene
Concen: 47.159 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

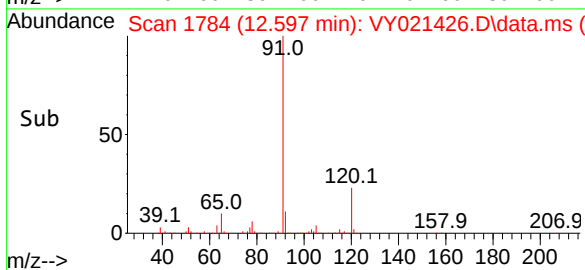
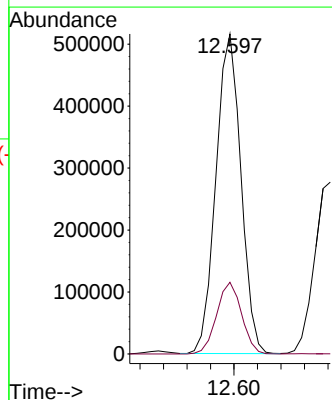
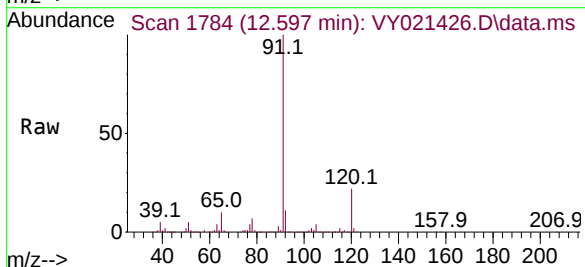
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

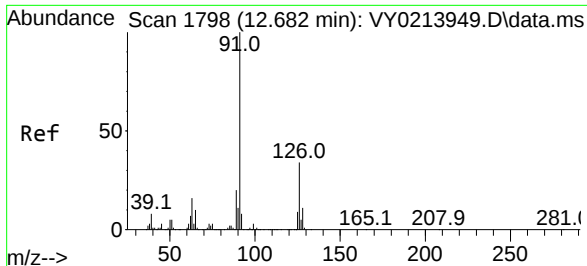
Tgt Ion:156 Resp: 146642
Ion Ratio Lower Upper
156 100
77 188.3 93.6 280.8
158 99.3 48.3 144.8



#78
n-propylbenzene
Concen: 47.185 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 91 Resp: 761668
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.022 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

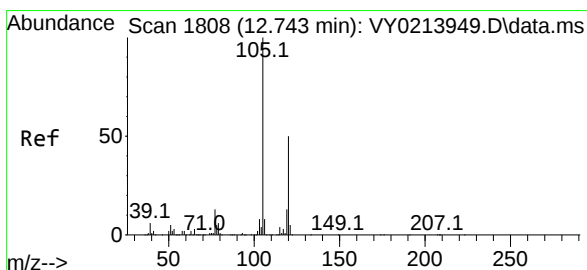
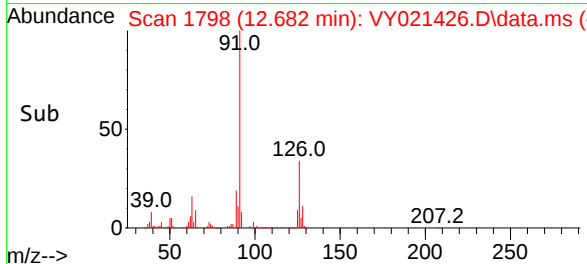
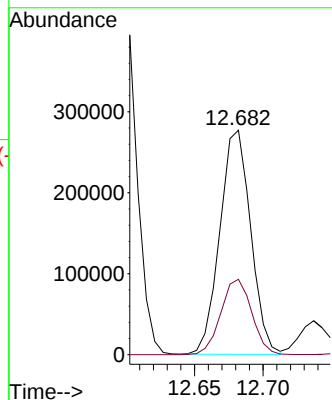
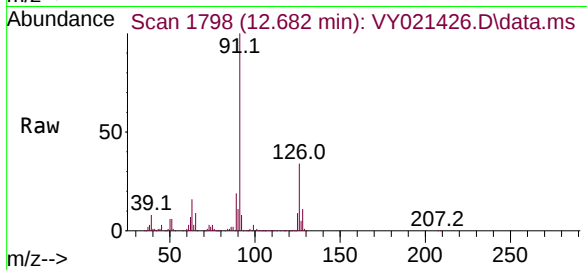
VSTDCCC050

Tgt Ion: 91 Resp: 434018

Ion Ratio Lower Upper

91 100

126 33.7 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 47.512 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021426.D

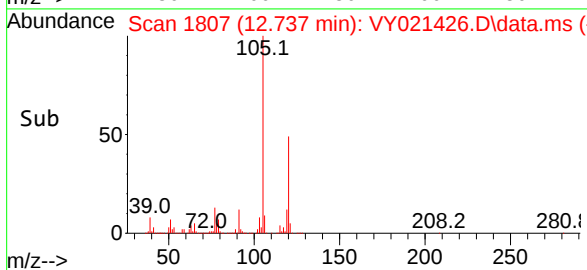
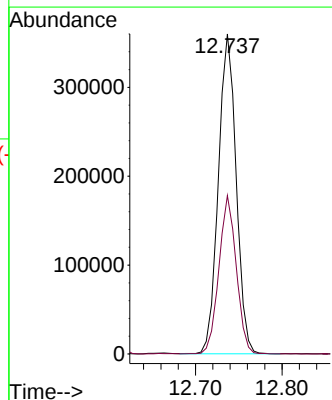
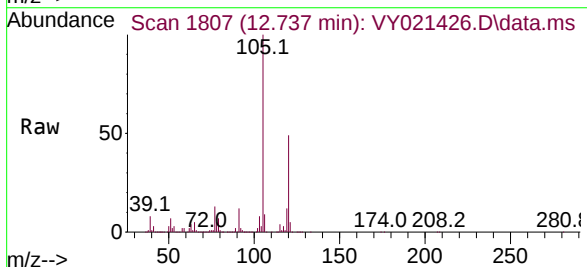
Acq: 06 Mar 2025 10:10

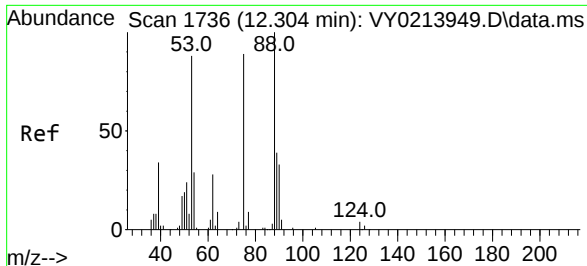
Tgt Ion: 105 Resp: 513200

Ion Ratio Lower Upper

105 100

120 48.2 24.6 73.6

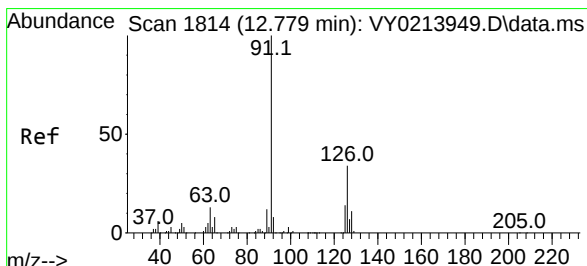
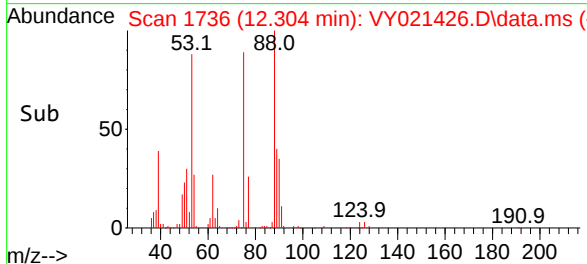
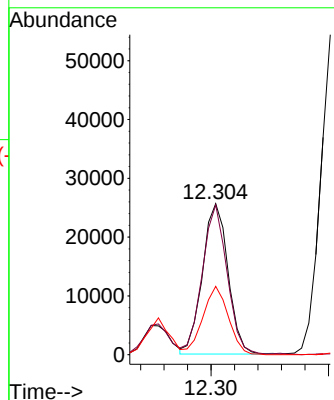
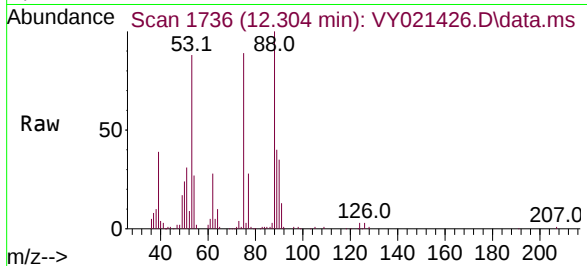




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.814 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

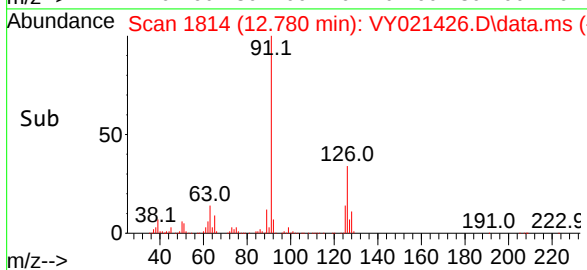
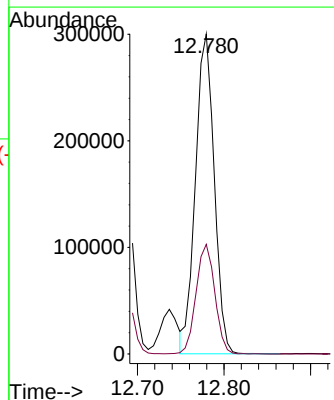
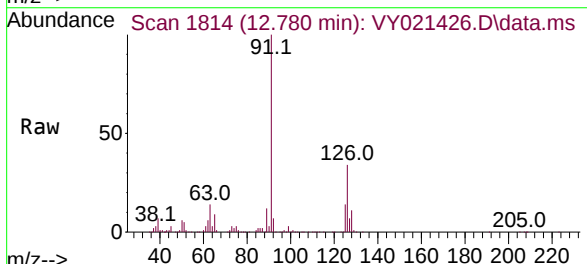
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

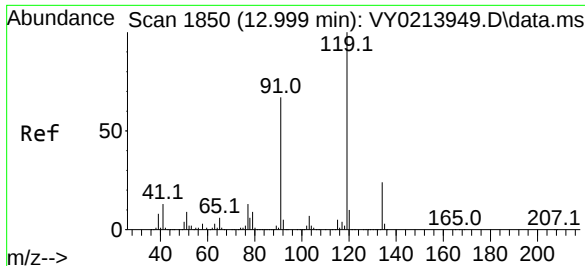
Tgt Ion: 75 Resp: 38754
 Ion Ratio Lower Upper
 75 100
 53 95.9 81.0 121.4
 89 45.6 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 47.230 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion: 91 Resp: 451424
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.0 51.0

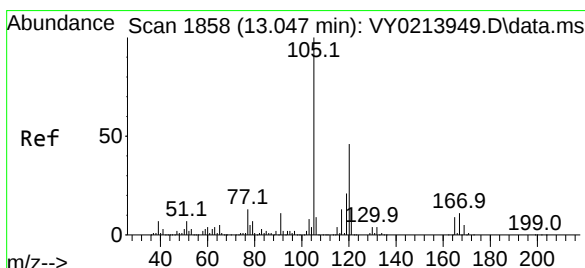
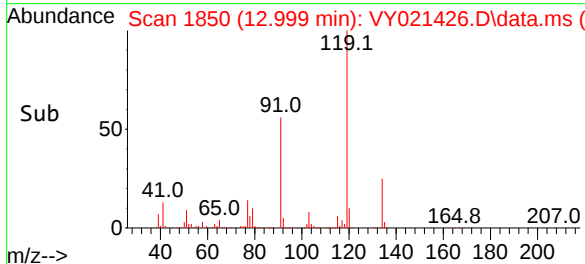
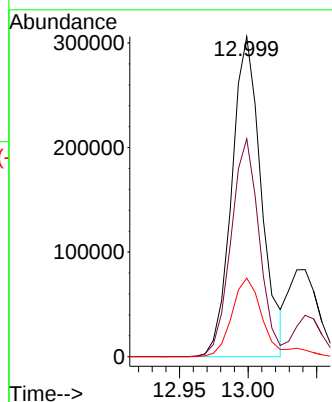
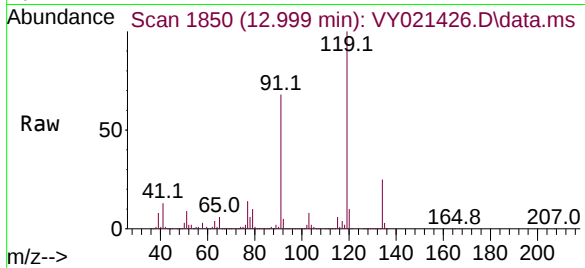




#83
 tert-Butylbenzene
 Concen: 47.613 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

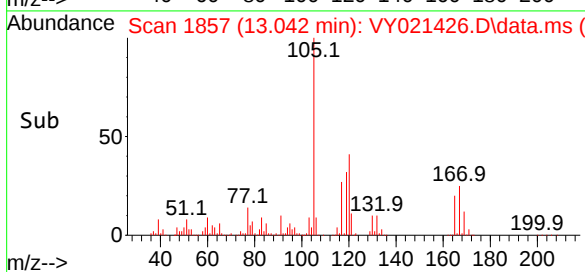
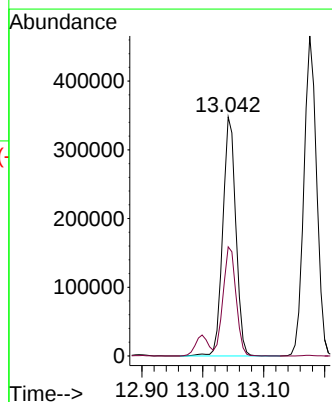
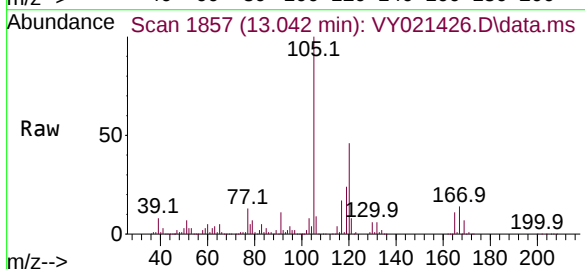
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

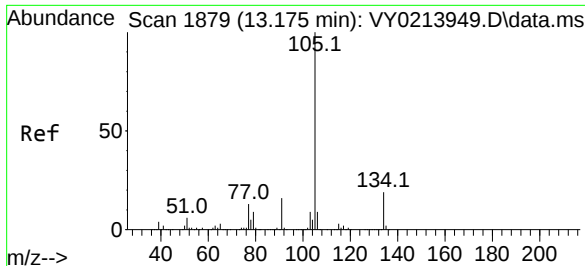
Tgt Ion:	119	Resp:	458801
Ion	Ratio	Lower	Upper
119	100		
91	65.3	33.2	99.6
134	26.6	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.169 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion:	105	Resp:	516598
Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1

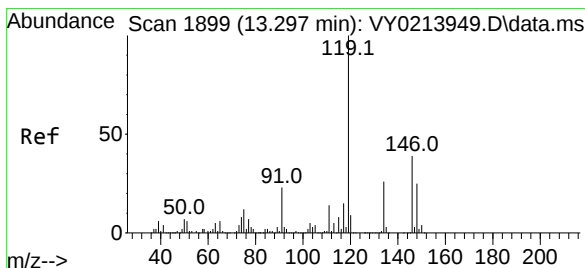
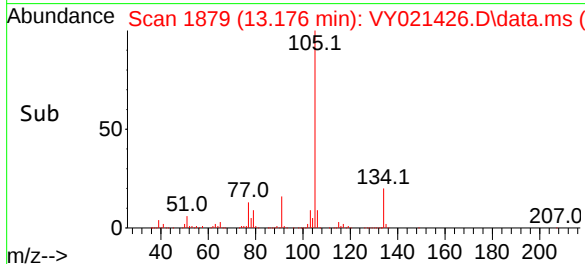
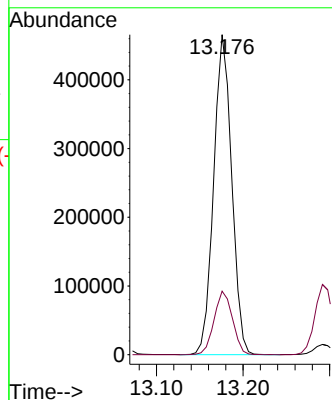
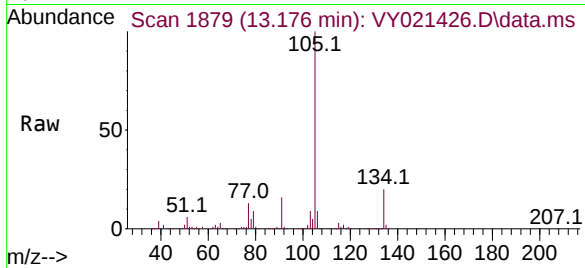




#85
 sec-Butylbenzene
 Concen: 46.928 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

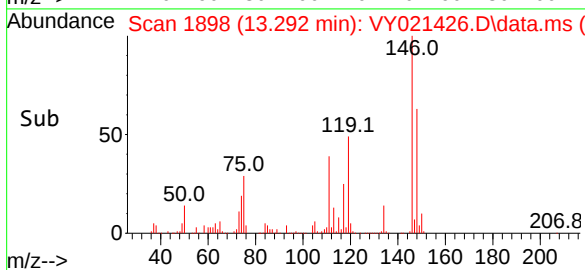
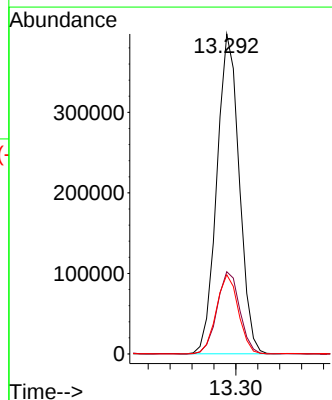
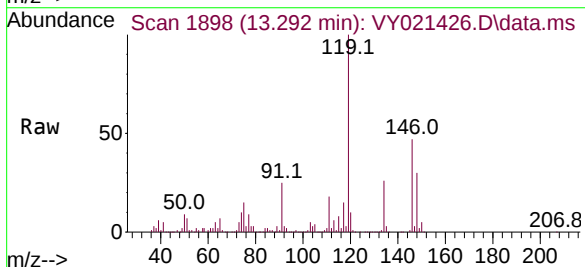
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

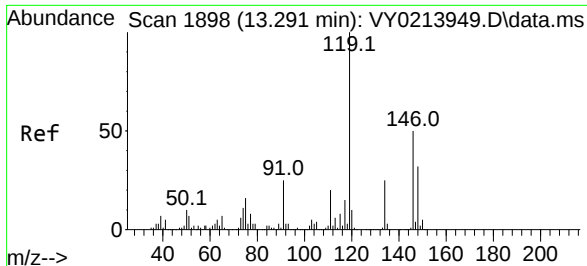
Tgt Ion:105 Resp: 672802
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.642 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion:119 Resp: 562725
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.3 12.2 36.6

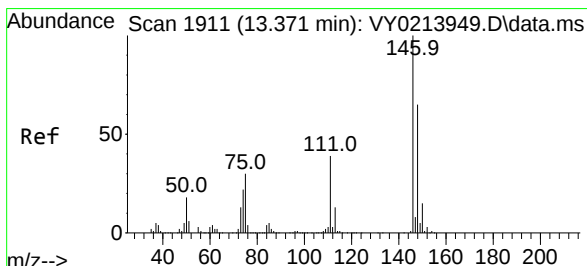
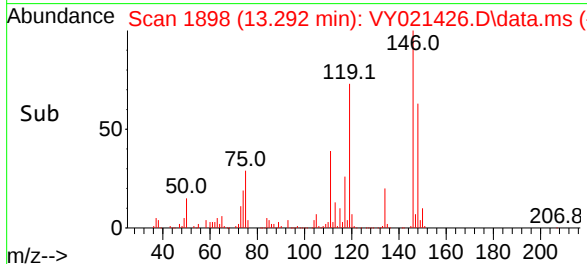
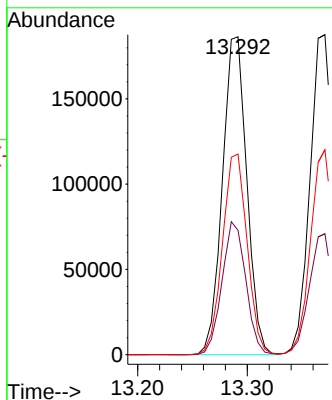
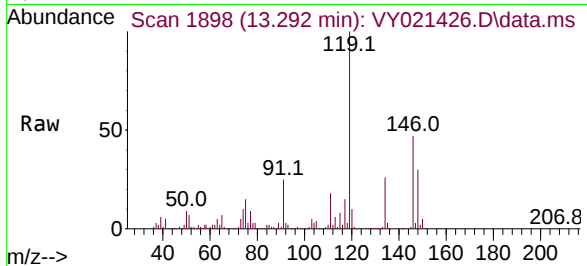




#87
 1,3-Dichlorobenzene
 Concen: 46.614 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

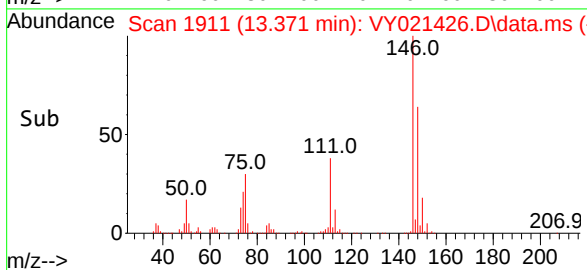
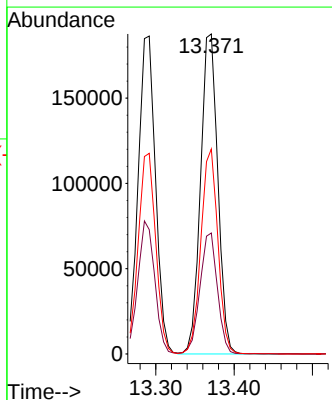
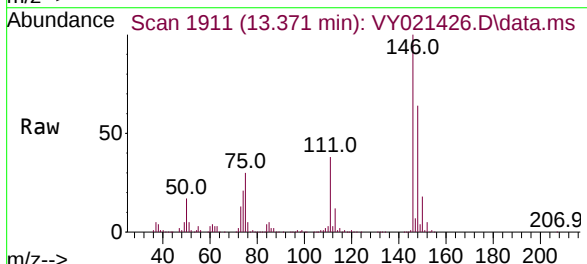
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

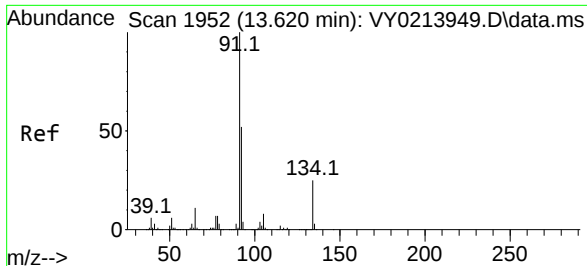
Tgt Ion:146 Resp: 288529
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.394 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion:146 Resp: 286896
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 63.0 32.3 96.8





#89

n-Butylbenzene

Concen: 48.645 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021426.D

Acq: 06 Mar 2025 10:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

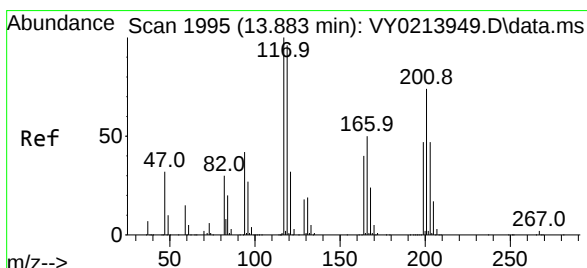
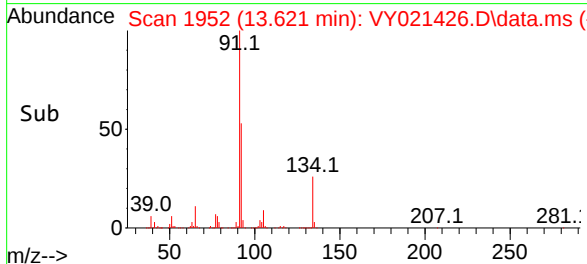
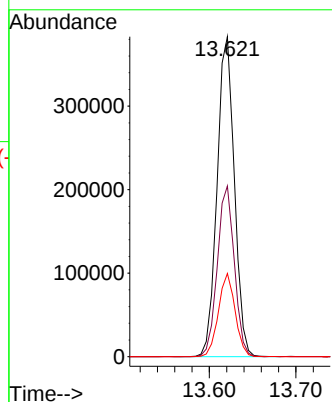
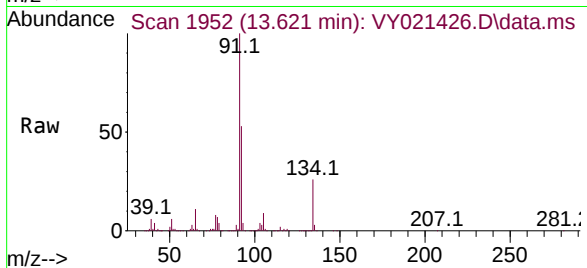
Tgt Ion: 91 Resp: 530559

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 45.929 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021426.D

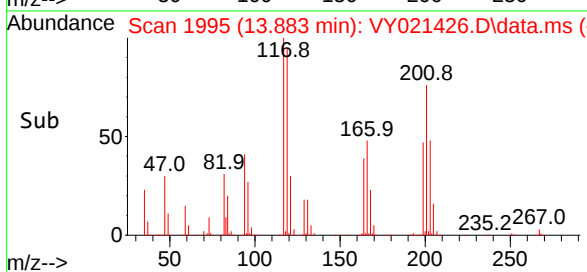
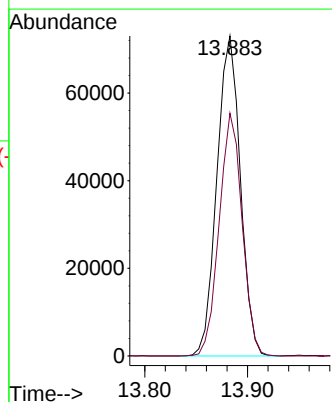
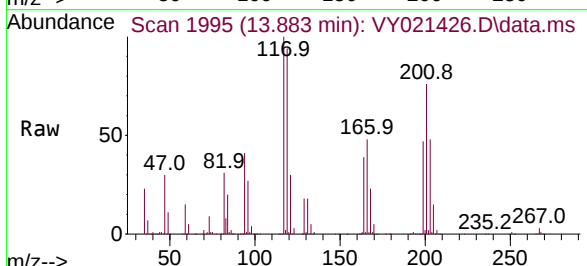
Acq: 06 Mar 2025 10:10

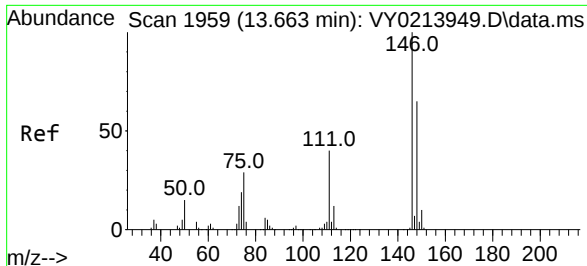
Tgt Ion: 117 Resp: 115729

Ion Ratio Lower Upper

117 100

201 74.1 37.4 112.2

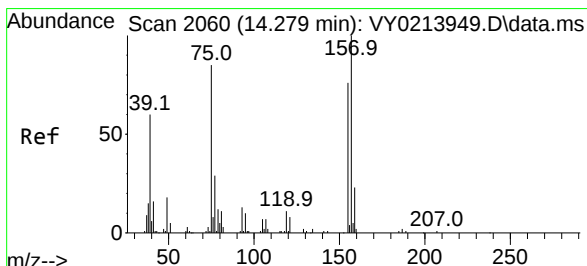
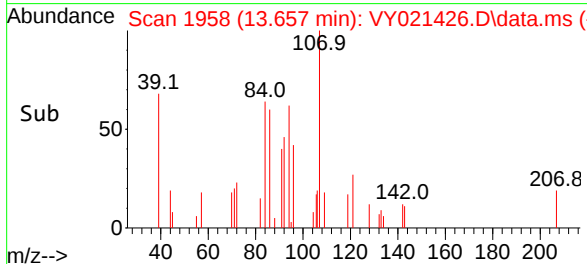
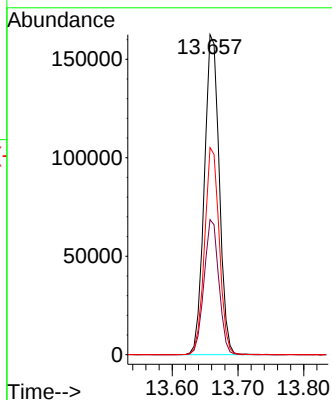
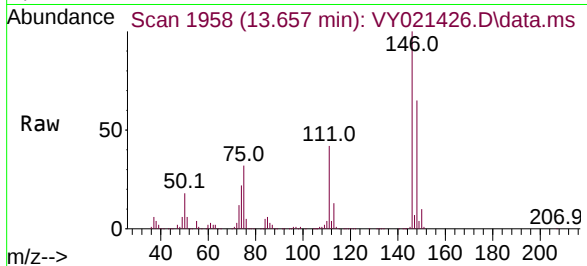




#91
1,2-Dichlorobenzene
Concen: 48.350 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

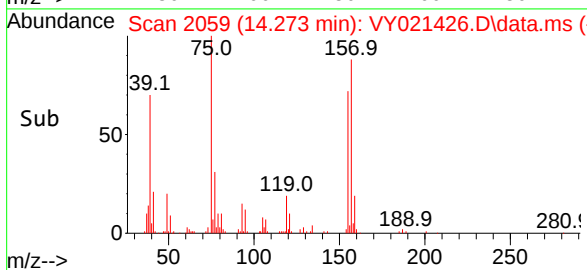
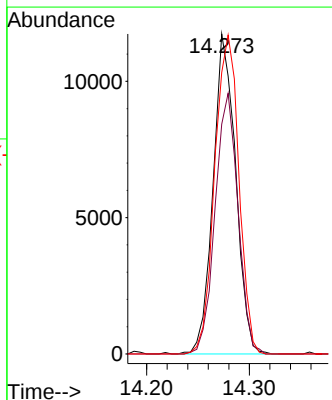
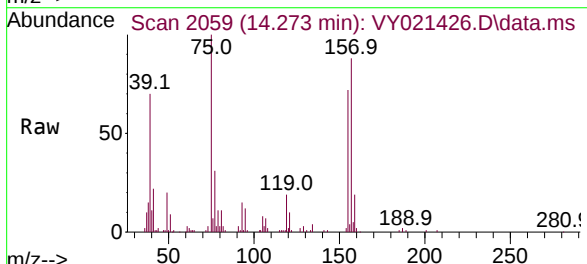
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

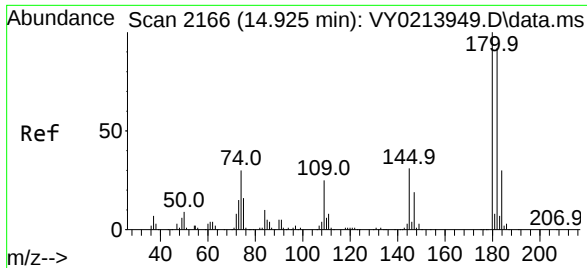
Tgt Ion:146 Resp: 256501
Ion Ratio Lower Upper
146 100
111 41.9 20.7 62.1
148 63.6 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.779 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion: 75 Resp: 17841
Ion Ratio Lower Upper
75 100
155 82.7 43.5 130.5
157 106.5 54.4 163.2

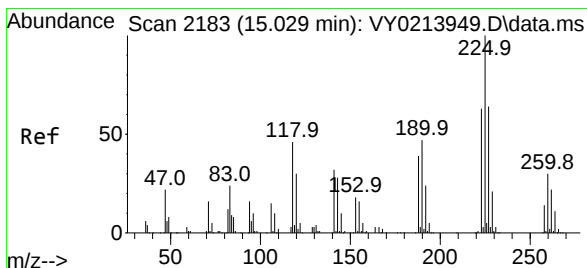
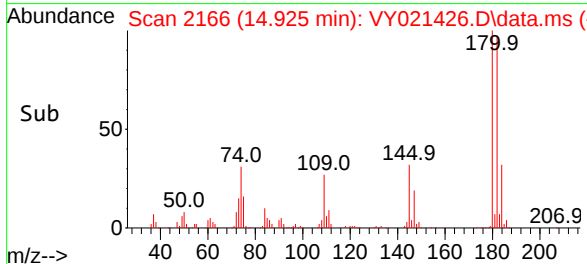
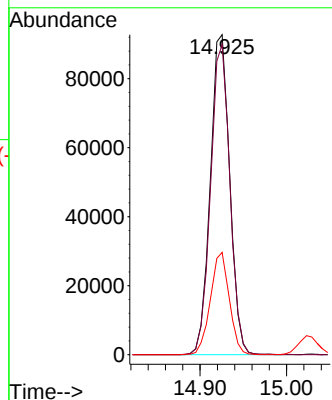
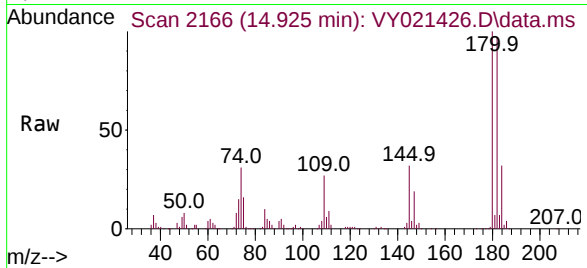




#93
 1,2,4-Trichlorobenzene
 Concen: 49.844 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

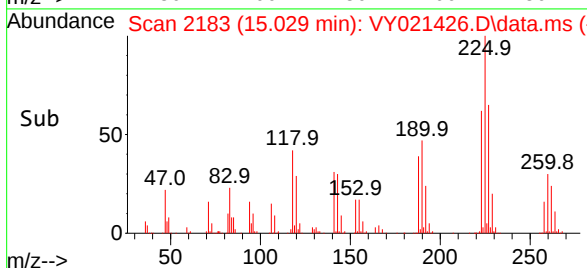
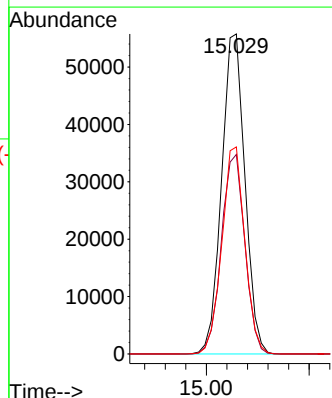
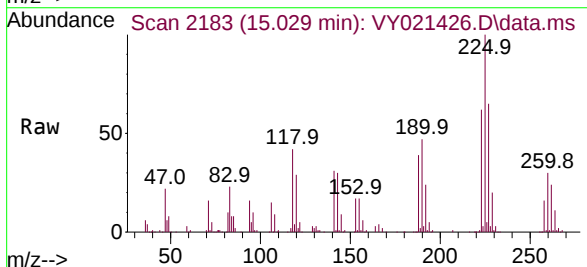
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

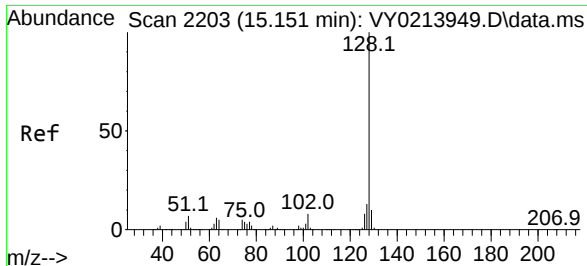
Tgt Ion:180 Resp: 144430
 Ion Ratio Lower Upper
 180 100
 182 96.3 46.7 140.0
 145 31.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 48.258 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021426.D
 Acq: 06 Mar 2025 10:10

Tgt Ion:225 Resp: 87656
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 63.9 31.8 95.4

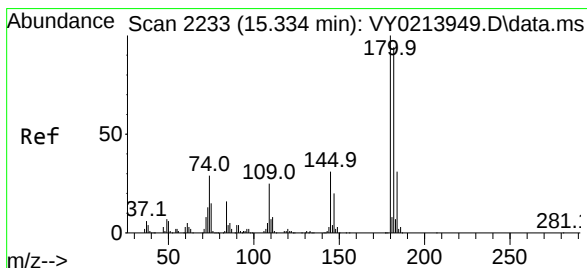
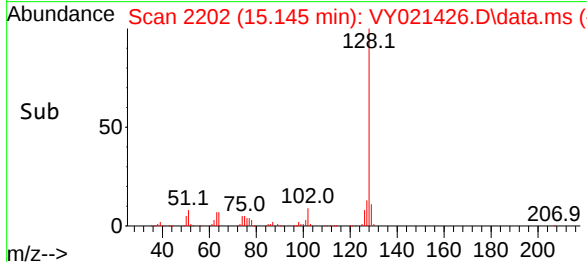
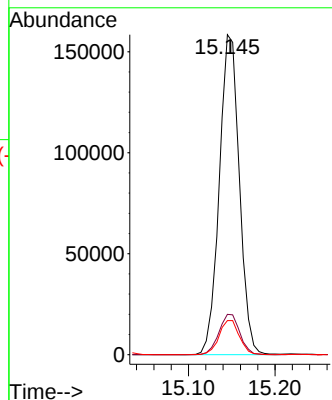
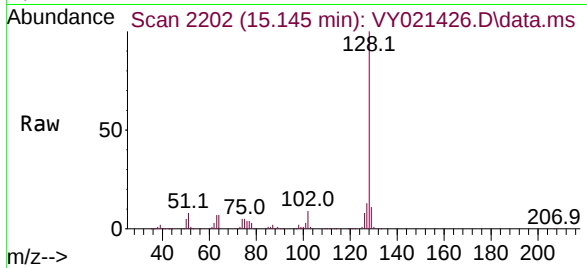




#95
Naphthalene
Concen: 51.817 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 254945
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.380 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021426.D
Acq: 06 Mar 2025 10:10

Tgt Ion:180 Resp: 125217
Ion Ratio Lower Upper
180 100
182 94.0 47.2 141.6
145 32.1 16.4 49.1

