

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022453.D
 Acq On : 29 May 2025 08:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 30 05:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	217073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	367403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	144539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	117718	51.485	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.980%	
35) Dibromofluoromethane	7.646	113	109900	51.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.115	98	446607	50.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.414	95	132603	49.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	96102	46.403	ug/l	98
3) Chloromethane	2.074	50	234378	46.008	ug/l	99
4) Vinyl Chloride	2.208	62	312744	50.535	ug/l	97
5) Bromomethane	2.604	94	246236	43.784	ug/l	100
6) Chloroethane	2.745	64	215276	53.233	ug/l	98
7) Trichlorofluoromethane	3.062	101	259381	49.675	ug/l	99
8) Diethyl Ether	3.464	74	63009	52.335	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	117973	51.499	ug/l	98
10) Methyl Iodide	4.019	142	142579	55.169	ug/l	98
11) Tert butyl alcohol	4.885	59	39179	243.099	ug/l #	87
12) 1,1-Dichloroethene	3.799	96	116616	51.275	ug/l	92
13) Acrolein	3.665	56	33556	138.958	ug/l	100
14) Allyl chloride	4.397	41	183736	53.706	ug/l	98
15) Acrylonitrile	5.074	53	126492	260.652	ug/l	99
16) Acetone	3.885	43	112598	299.687	ug/l	93
17) Carbon Disulfide	4.116	76	374907	51.656	ug/l	99
18) Methyl Acetate	4.397	43	77391	54.988	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	310245	51.382	ug/l	97
20) Methylene Chloride	4.629	84	129965	48.985	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	128668	51.821	ug/l	98
22) Diisopropyl ether	6.031	45	395865	52.428	ug/l	98
23) Vinyl Acetate	5.970	43	1108700	255.731	ug/l	99
24) 1,1-Dichloroethane	5.927	63	238809	53.525	ug/l	98
25) 2-Butanone	6.903	43	169383	270.697	ug/l	97
26) 2,2-Dichloropropane	6.896	77	214202	53.021	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	151712	52.781	ug/l	98
28) Bromochloromethane	7.256	49	102958	55.263	ug/l	98
29) Tetrahydrofuran	7.274	42	107092	256.623	ug/l	97
30) Chloroform	7.433	83	232263	52.831	ug/l	99
31) Cyclohexane	7.713	56	213578	48.562	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	209433	52.490	ug/l	99
36) 1,1-Dichloropropene	7.847	75	177465	51.977	ug/l	99
37) Ethyl Acetate	6.994	43	73283	50.504	ug/l	99
38) Carbon Tetrachloride	7.829	117	186546	52.449	ug/l	97
39) Methylcyclohexane	9.116	83	228187	50.278	ug/l	96
40) Benzene	8.091	78	535259	52.686	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.274	41	58266	66.160	ug/l #	51
42) 1,2-Dichloroethane	8.164	62	139327	51.926	ug/l	100
43) Isopropyl Acetate	8.201	43	159648	50.350	ug/l #	88
44) Trichloroethene	8.872	130	128913	51.329	ug/l	98
45) 1,2-Dichloropropane	9.146	63	125461	52.560	ug/l	99
46) Dibromomethane	9.237	93	68205	51.150	ug/l	99
47) Bromodichloromethane	9.433	83	178705	52.116	ug/l	99
48) Methyl methacrylate	9.231	41	77784	52.848	ug/l	97
49) 1,4-Dioxane	9.237	88	14373	975.883	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	402915	257.545	ug/l	100
52) Toluene	10.176	92	332855	52.454	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	166521	52.136	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	195125	51.992	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	86260	51.165	ug/l	99
56) Ethyl methacrylate	10.445	69	122555	50.656	ug/l	97
57) 1,3-Dichloropropane	10.725	76	152635	51.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	311180	258.077	ug/l	99
59) 2-Hexanone	10.768	43	269457	262.819	ug/l	100
60) Dibromochloromethane	10.920	129	112707	52.335	ug/l	99
61) 1,2-Dibromoethane	11.024	107	78781	51.091	ug/l	98
64) Tetrachloroethene	10.652	164	138967	52.318	ug/l	96
65) Chlorobenzene	11.450	112	347414	52.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	116764	51.821	ug/l	98
67) Ethyl Benzene	11.524	91	645012	52.235	ug/l	98
68) m/p-Xylenes	11.633	106	485605	103.724	ug/l	100
69) o-Xylene	11.963	106	227557	51.717	ug/l	99
70) Styrene	11.975	104	386668	52.776	ug/l	100
71) Bromoform	12.139	173	59931	50.779	ug/l #	100
73) Isopropylbenzene	12.261	105	597529	52.527	ug/l	99
74) N-amyl acetate	12.072	43	146777	52.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	88143	49.179	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	132821	91.740	ug/l #	100
77) Bromobenzene	12.536	156	125196	51.142	ug/l	98
78) n-propylbenzene	12.603	91	726495	53.216	ug/l	100
79) 2-Chlorotoluene	12.682	91	386917	52.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	466486	52.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	32774	51.193	ug/l	98
82) 4-Chlorotoluene	12.780	91	397764	52.262	ug/l	100
83) tert-Butylbenzene	13.005	119	426168	53.068	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	471592	52.724	ug/l	100
85) sec-Butylbenzene	13.182	105	631375	53.014	ug/l	100
86) p-Isopropyltoluene	13.298	119	526903	52.981	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	252533	51.269	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	245269	52.077	ug/l	99
89) n-Butylbenzene	13.621	91	499367	53.553	ug/l	100
90) Hexachloroethane	13.883	117	104310	52.707	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	214576	52.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13492	48.716	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	117166	51.370	ug/l	97
94) Hexachlorobutadiene	15.029	225	61354	51.258	ug/l	97
95) Naphthalene	15.151	128	219204	51.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	98121	52.456	ug/l	98

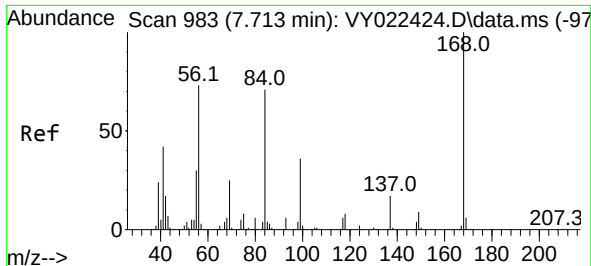
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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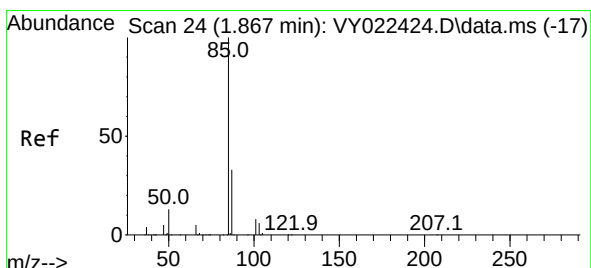
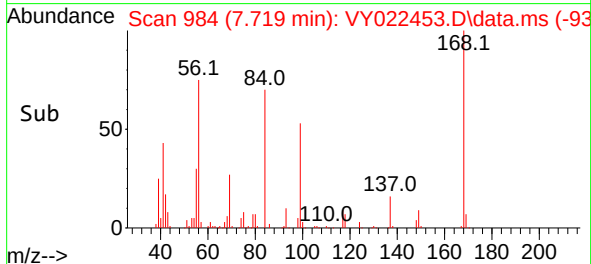
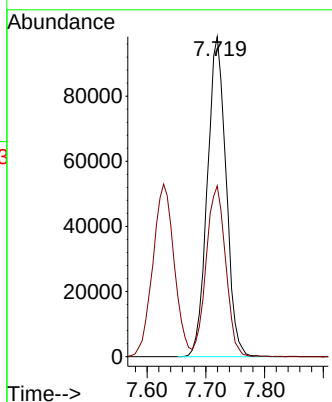
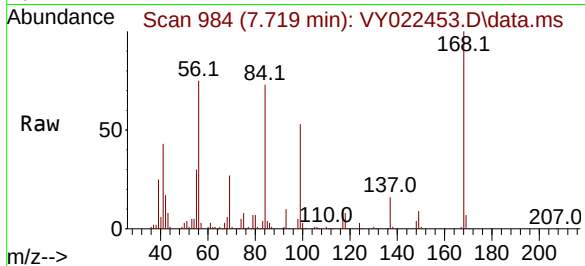
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

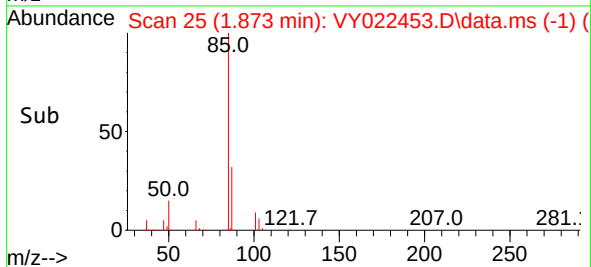
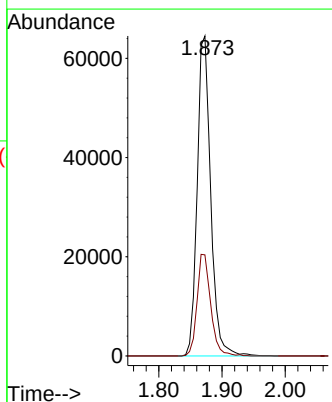
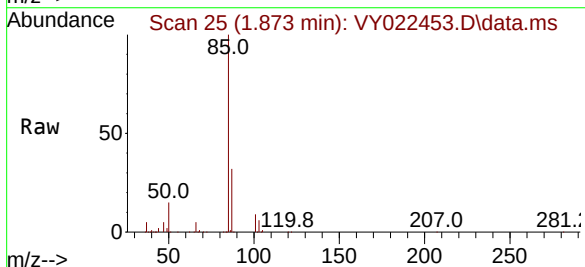
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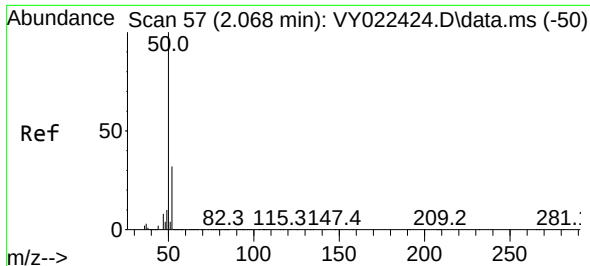
Tgt Ion:168 Resp: 217073
Ion Ratio Lower Upper
168 100
99 53.2 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 46.403 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 85 Resp: 96102
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2

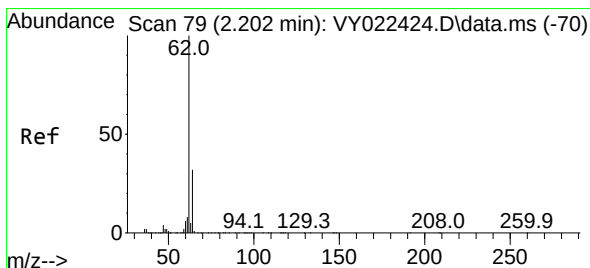
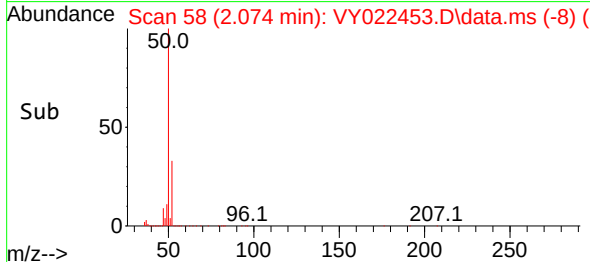
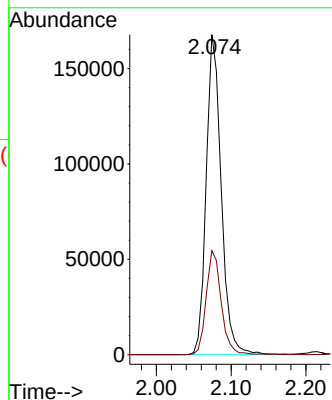
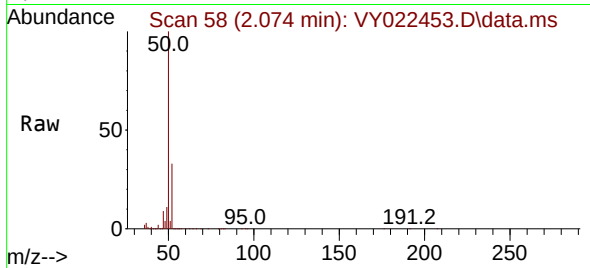




#3
Chloromethane
Concen: 46.008 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

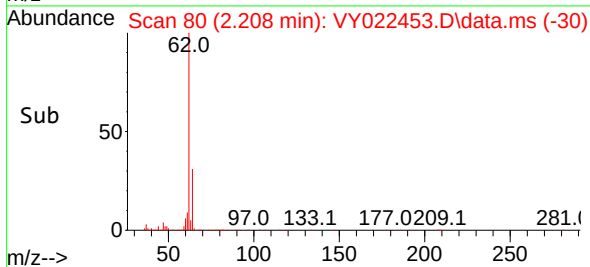
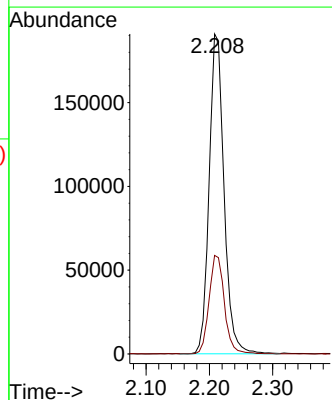
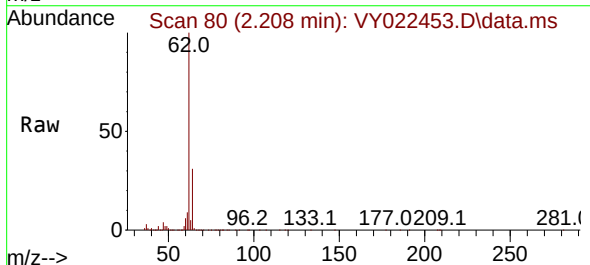
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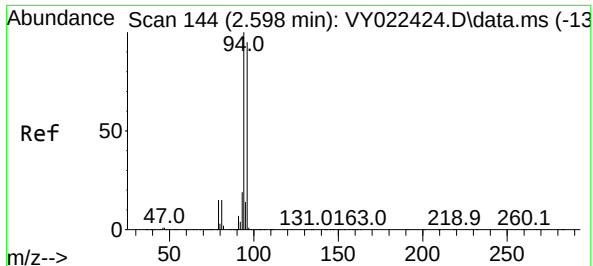
Tgt Ion: 50 Resp: 234378
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 50.535 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 62 Resp: 312744
Ion Ratio Lower Upper
62 100
64 30.8 26.0 39.0

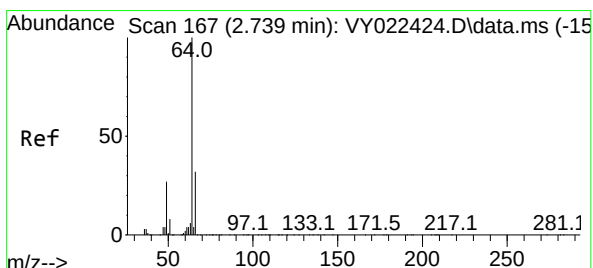
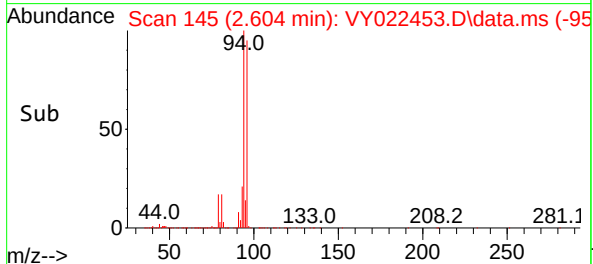
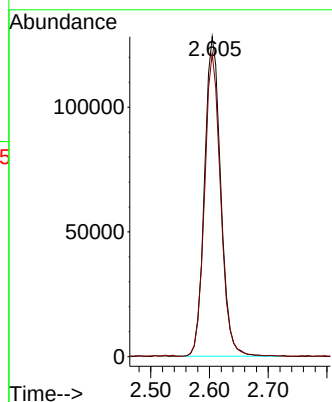
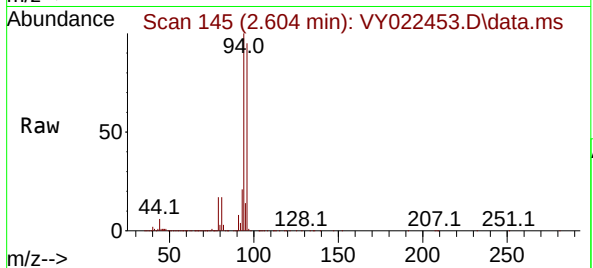




#5
Bromomethane
Concen: 43.784 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

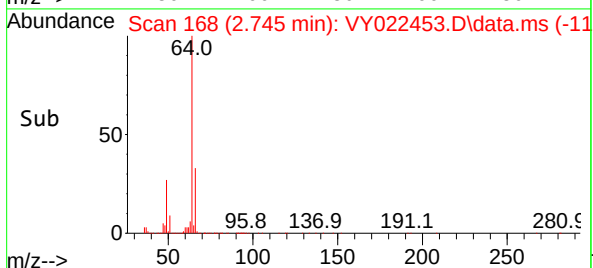
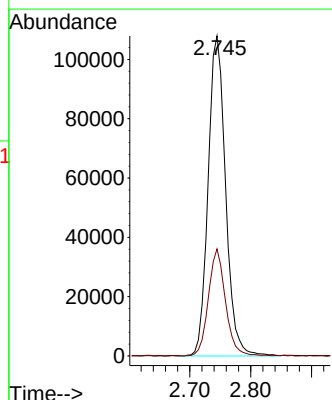
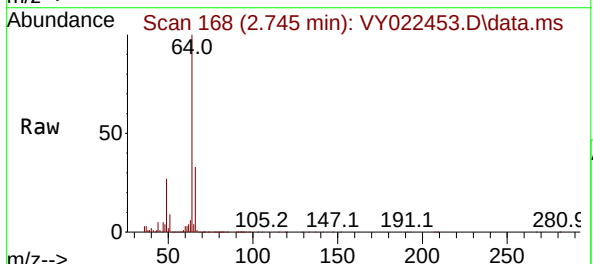
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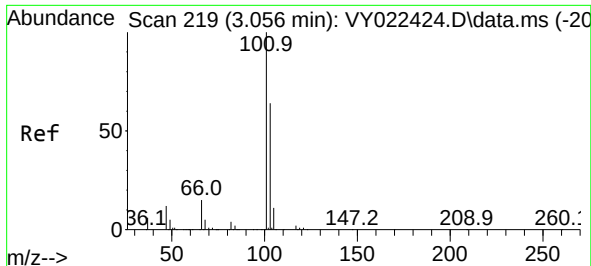
Tgt Ion: 94 Resp: 246236
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0



#6
Chloroethane
Concen: 53.233 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 64 Resp: 215276
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9

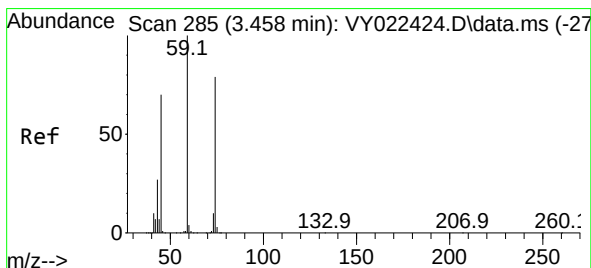
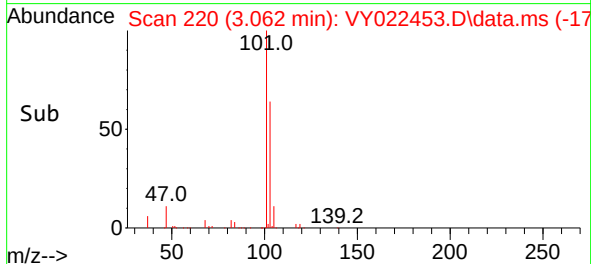
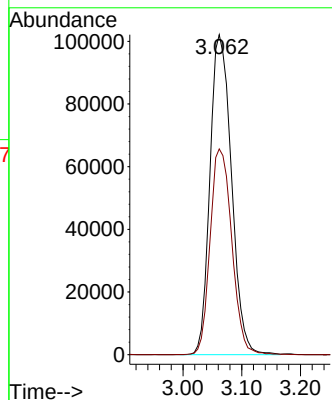
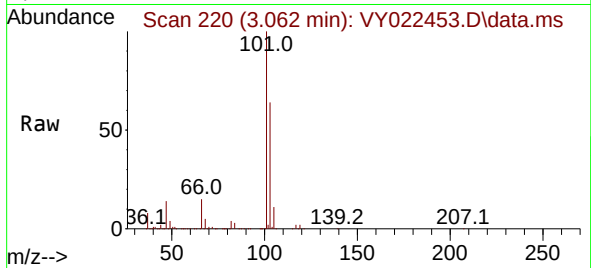




#7
Trichlorofluoromethane
Concen: 49.675 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY022453.D
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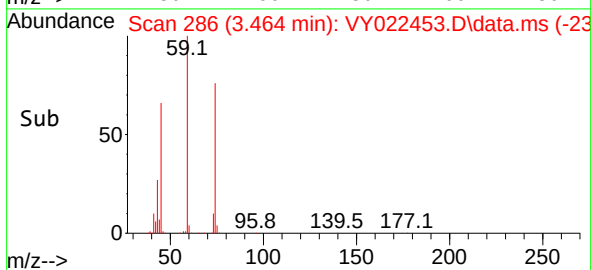
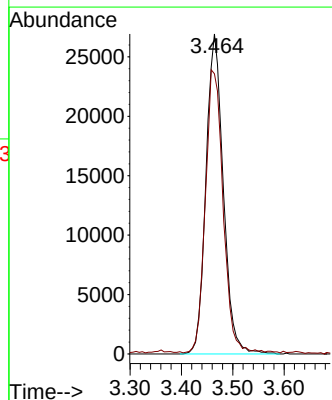
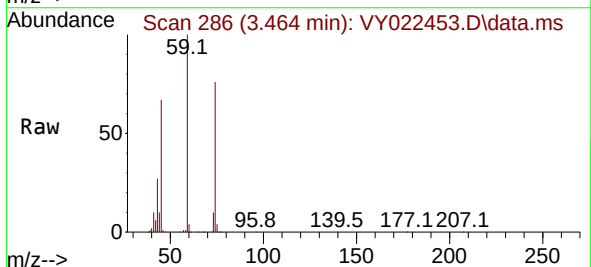
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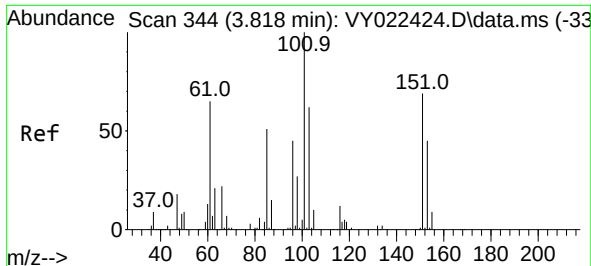
Tgt Ion:101 Resp: 259381
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3



#8
Diethyl Ether
Concen: 52.335 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 74 Resp: 63009
Ion Ratio Lower Upper
74 100
45 90.5 44.9 134.5

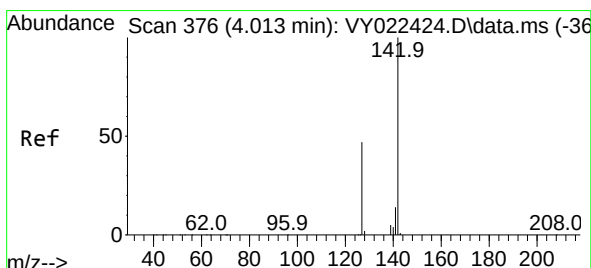
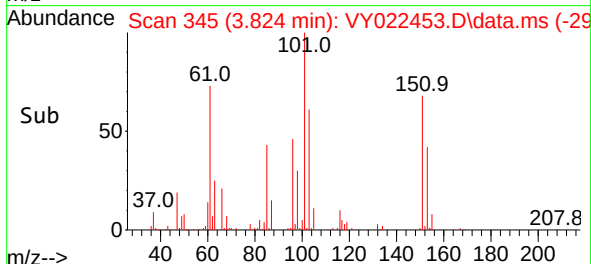
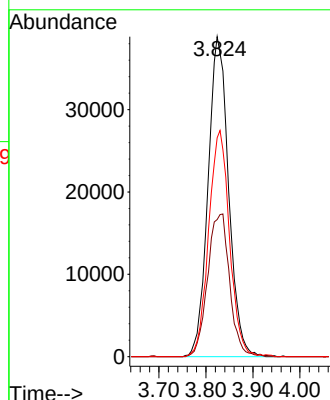
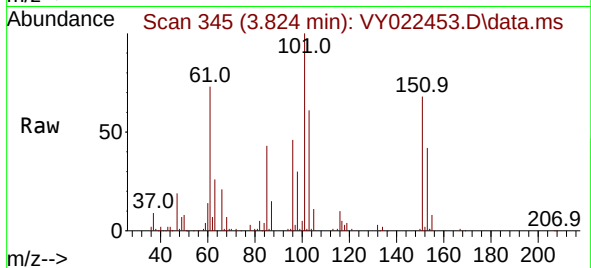




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.499 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022453.D
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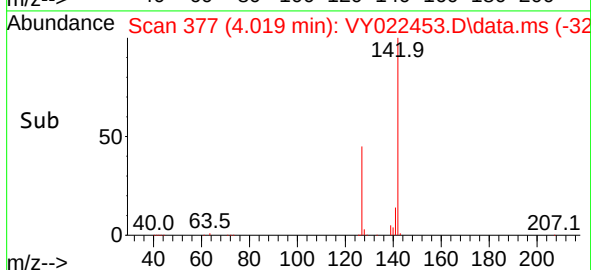
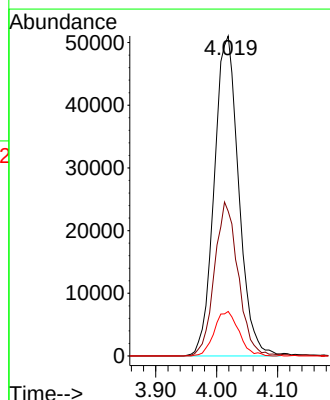
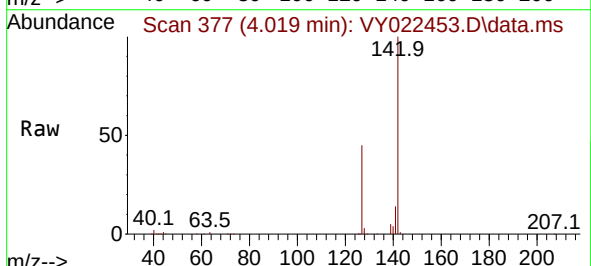
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ClientSampleId :
VSTDCCC050

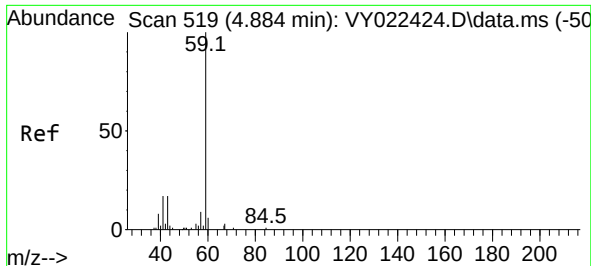
Tgt Ion:101 Resp: 117973
Ion Ratio Lower Upper
101 100
85 47.8 39.2 58.8
151 71.8 58.8 88.2



#10
Methyl Iodide
Concen: 55.169 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:142 Resp: 142579
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.4
141 14.0 11.6 17.4

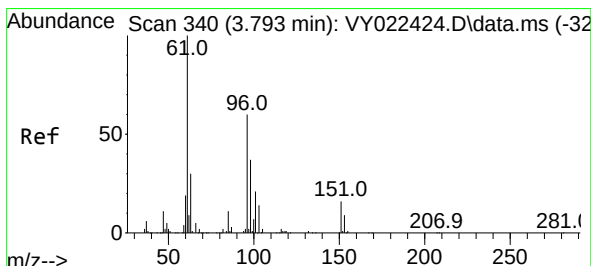
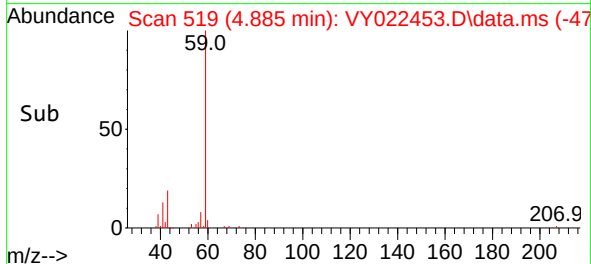
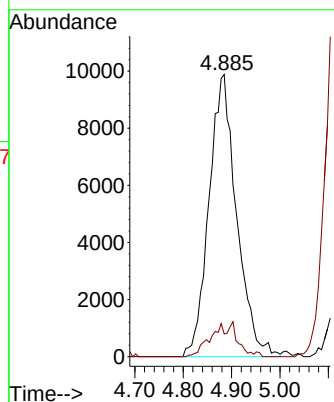
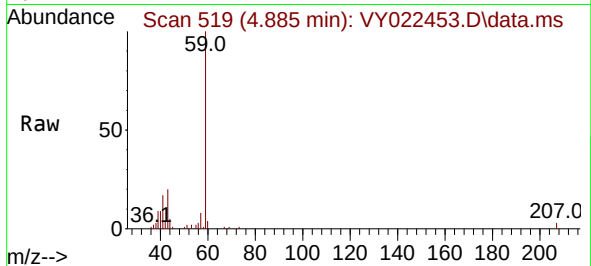




#11
Tert butyl alcohol
Concen: 243.099 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

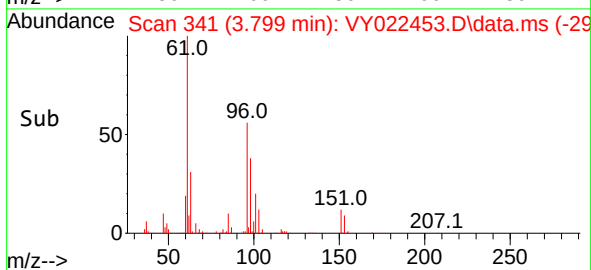
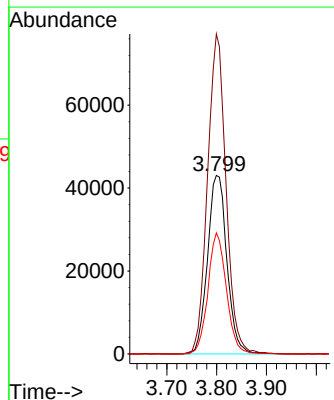
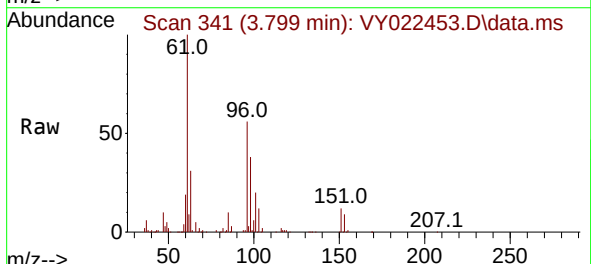
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

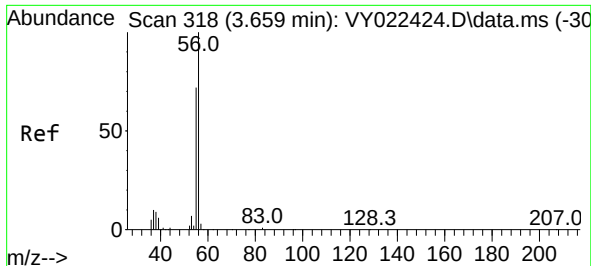
Tgt Ion: 59 Resp: 39179
Ion Ratio Lower Upper
59 100
57 6.4 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 51.275 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 96 Resp: 116616
Ion Ratio Lower Upper
96 100
61 179.2 134.1 201.1
98 67.9 50.2 75.2

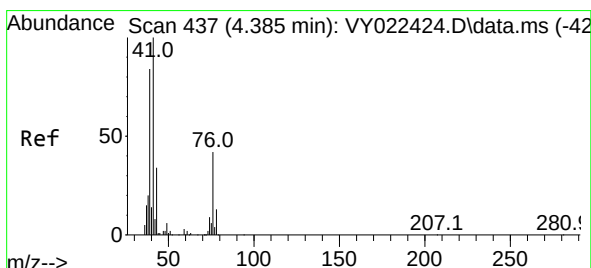
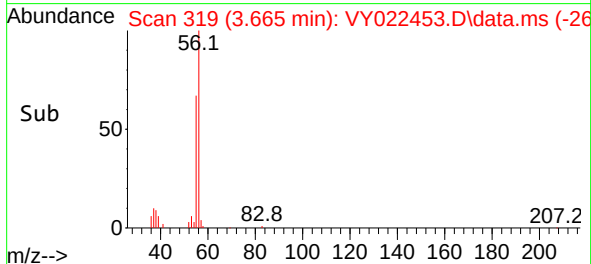
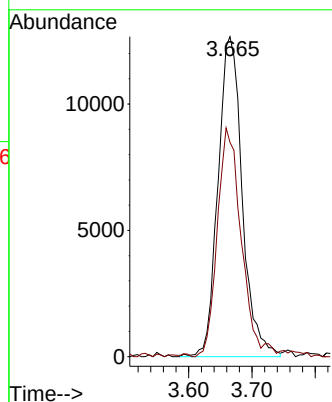
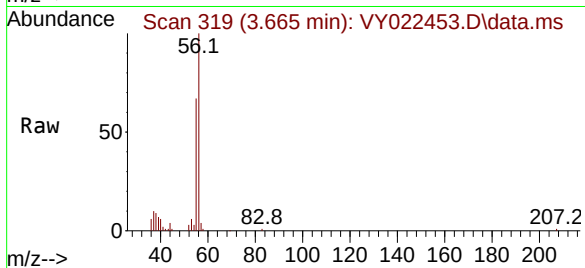




#13
Acrolein
Concen: 138.958 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

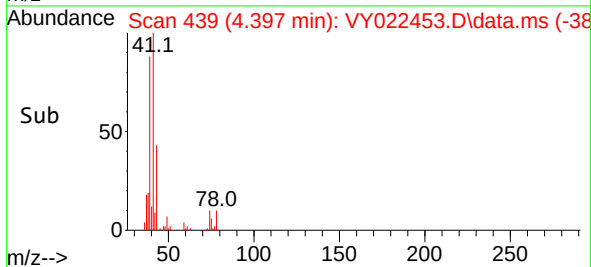
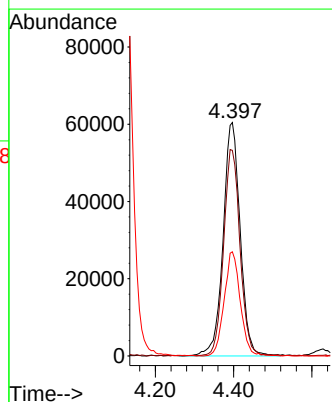
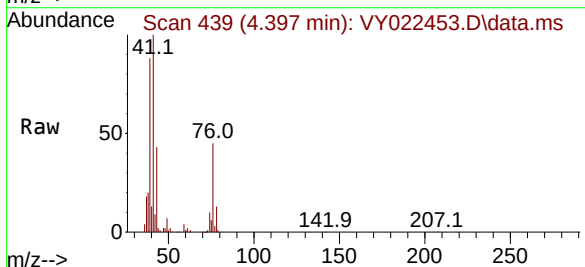
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

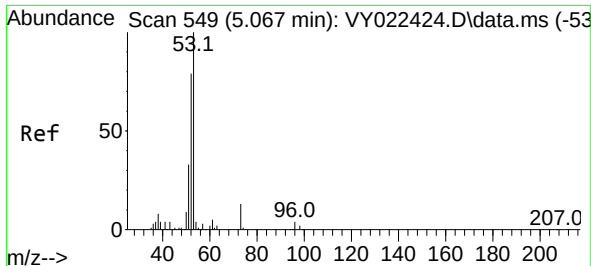
Tgt Ion: 56 Resp: 33556
Ion Ratio Lower Upper
56 100
55 71.0 56.5 84.7



#14
Allyl chloride
Concen: 53.706 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 41 Resp: 183736
Ion Ratio Lower Upper
41 100
39 85.4 66.6 100.0
76 42.0 33.7 50.5

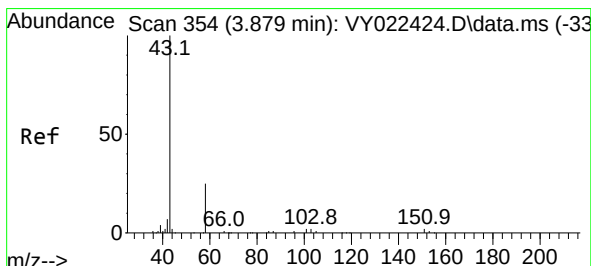
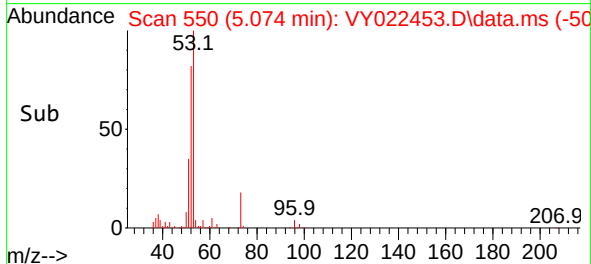
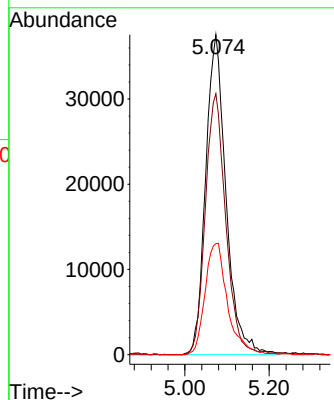
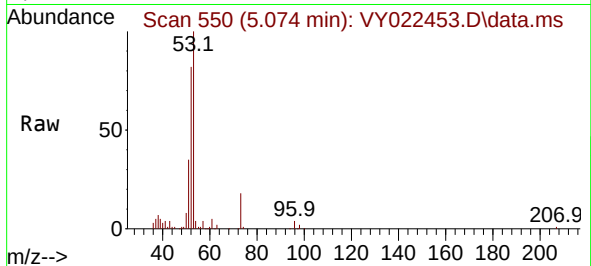




#15
Acrylonitrile
Concen: 260.652 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

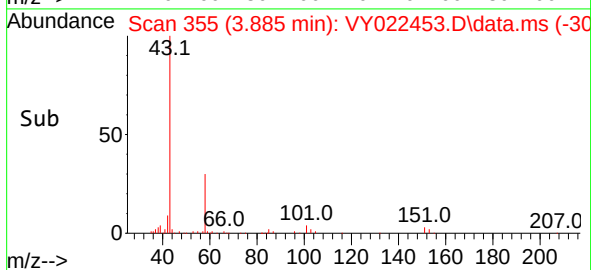
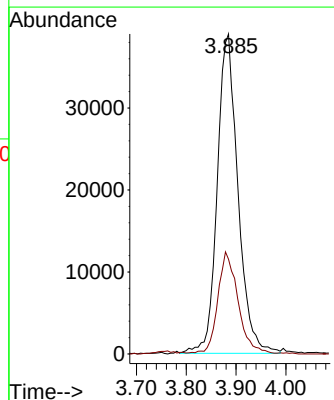
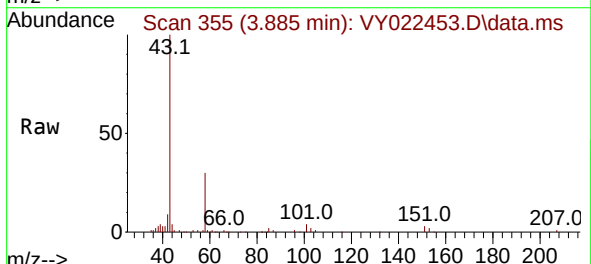
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

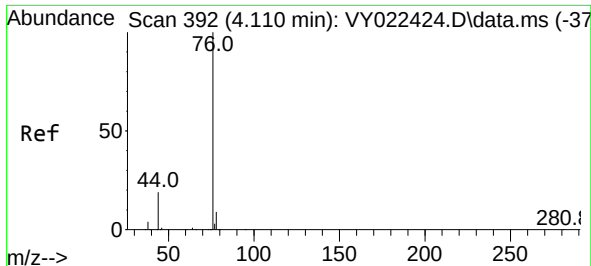
Tgt Ion: 53 Resp: 126492
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 38.4 30.0 45.0



#16
Acetone
Concen: 299.687 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 43 Resp: 112598
Ion Ratio Lower Upper
43 100
58 29.3 20.6 30.8

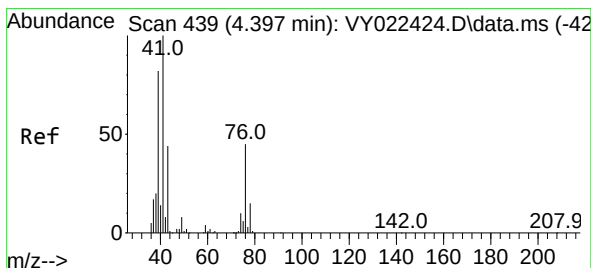
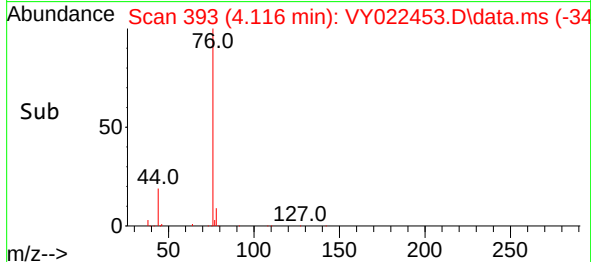
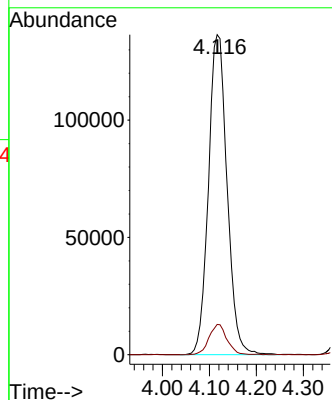
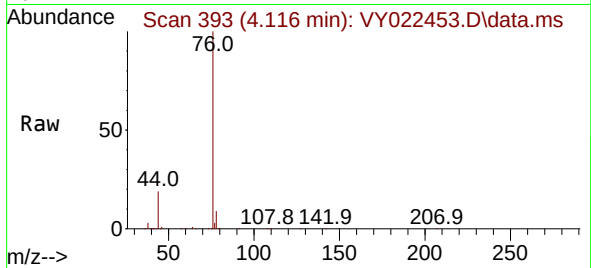




#17
Carbon Disulfide
Concen: 51.656 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

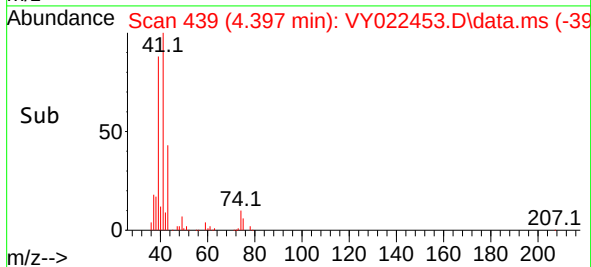
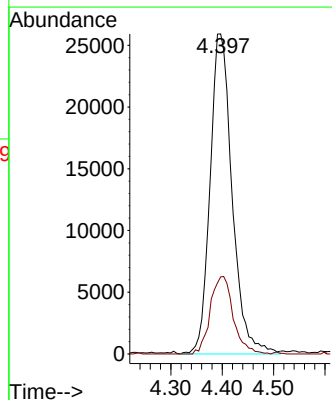
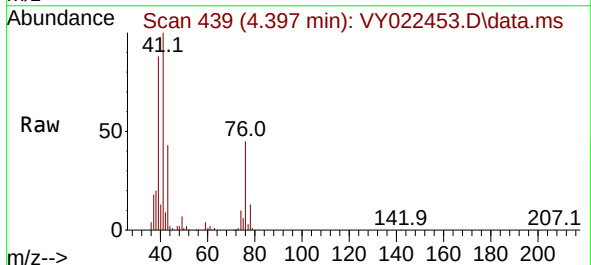
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

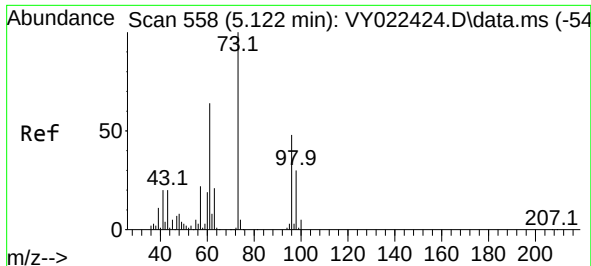
Tgt Ion: 76 Resp: 374907
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 54.988 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 43 Resp: 77391
Ion Ratio Lower Upper
43 100
74 25.1 21.2 31.8

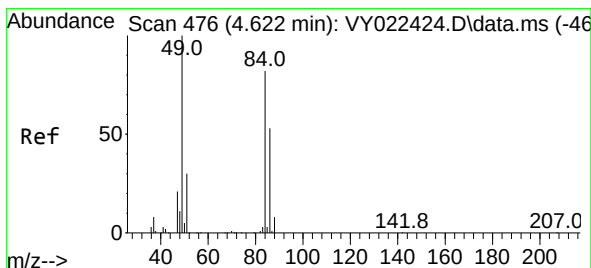
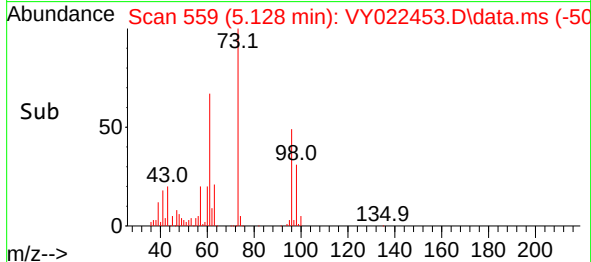
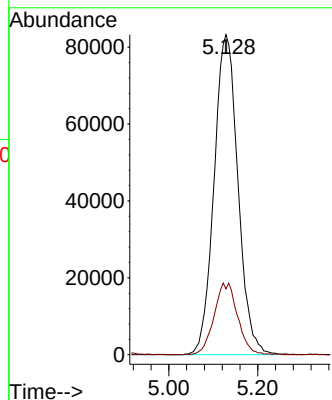
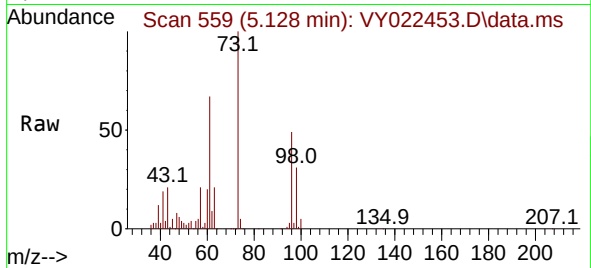




#19
Methyl tert-butyl Ether
Concen: 51.382 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

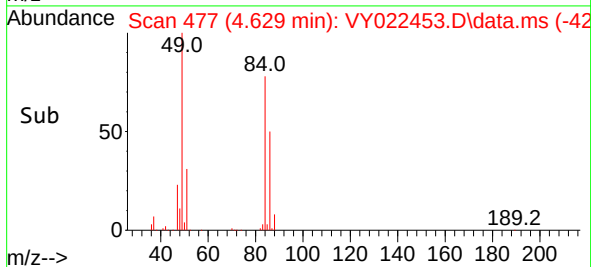
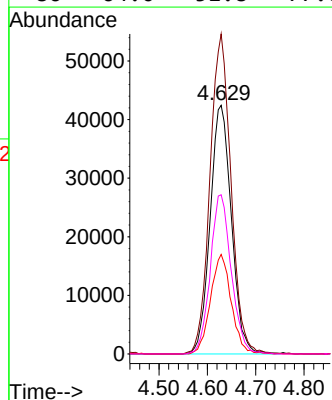
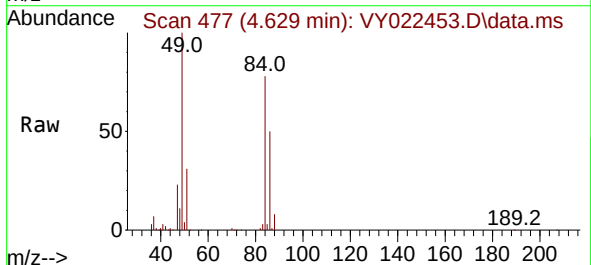
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

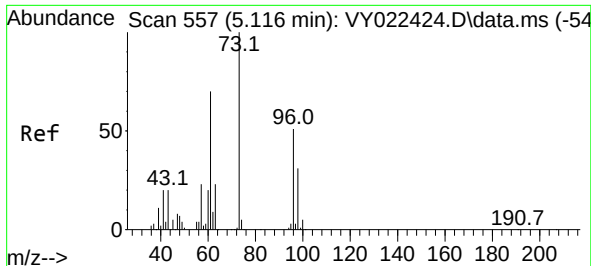
Tgt Ion: 73 Resp: 310245
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 48.985 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 84 Resp: 129965
Ion Ratio Lower Upper
84 100
49 128.7 97.8 146.8
51 40.0 29.5 44.3
86 64.0 51.8 77.6

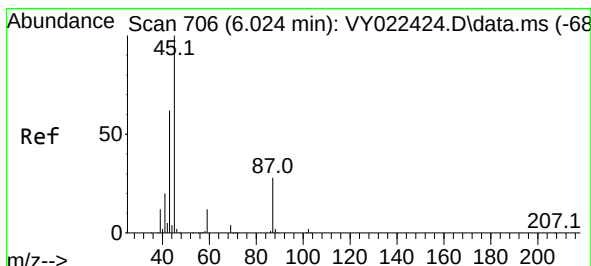
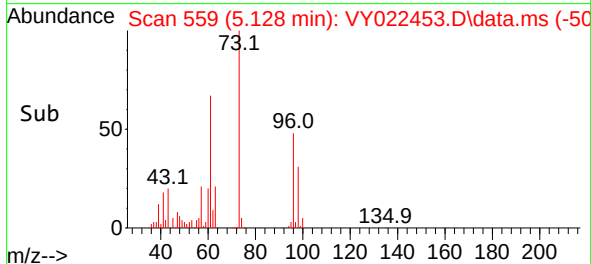
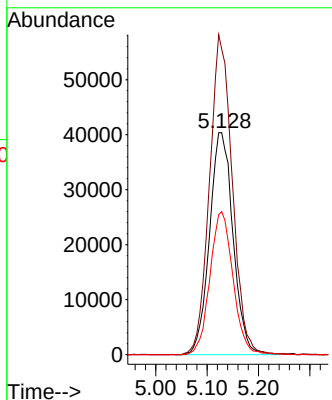
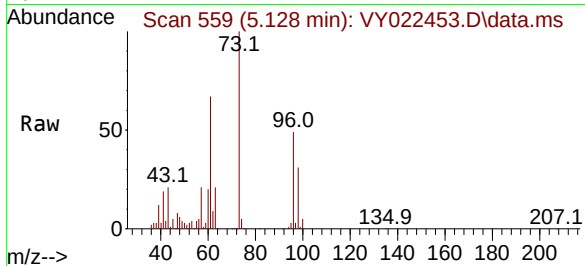




#21
trans-1,2-Dichloroethene
Concen: 51.821 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

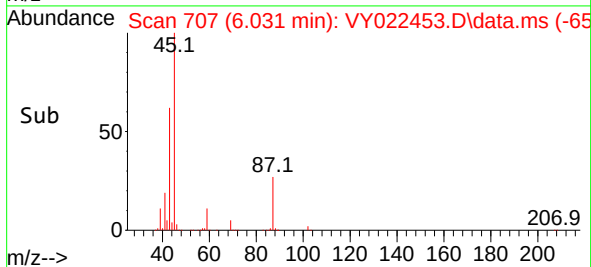
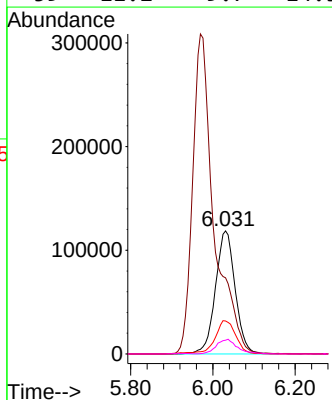
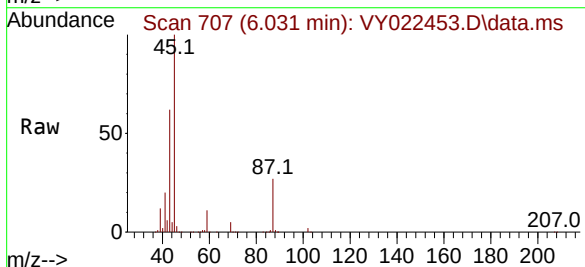
Instrument :
MSVOA_Y
ClientSampleId :
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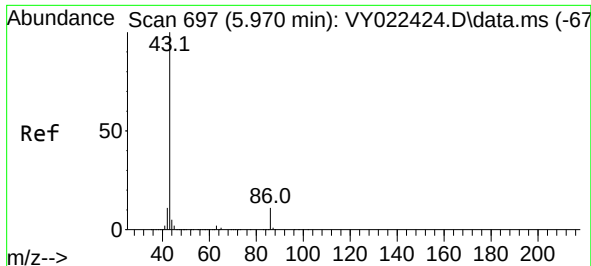
Tgt Ion: 96 Resp: 128668
Ion Ratio Lower Upper
96 100
61 137.6 110.4 165.6
98 64.5 48.6 73.0



#22
Diisopropyl ether
Concen: 52.428 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 45 Resp: 395865
Ion Ratio Lower Upper
45 100
43 61.5 49.8 74.8
87 26.8 23.0 34.6
59 11.2 9.7 14.5

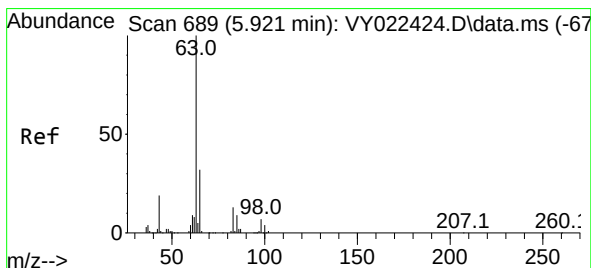
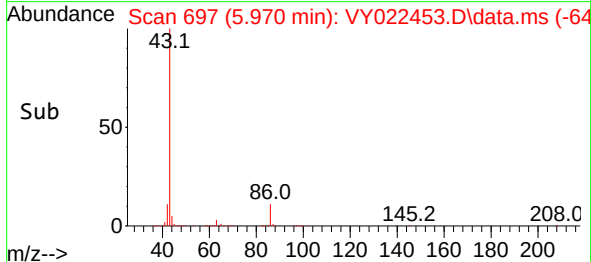
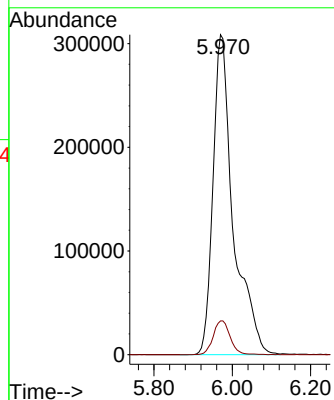
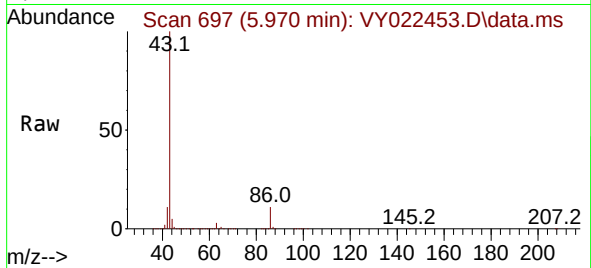




#23
 Vinyl Acetate
 Concen: 255.731 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

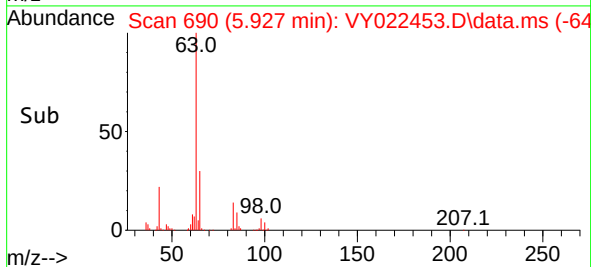
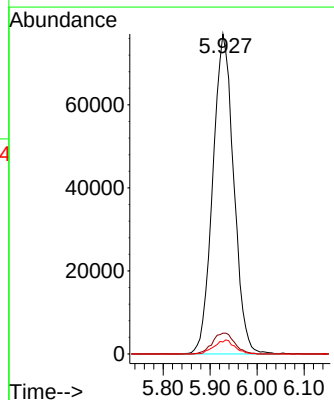
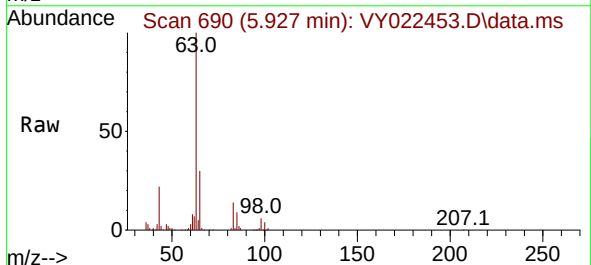
Instrument :
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 ClientSampleId :
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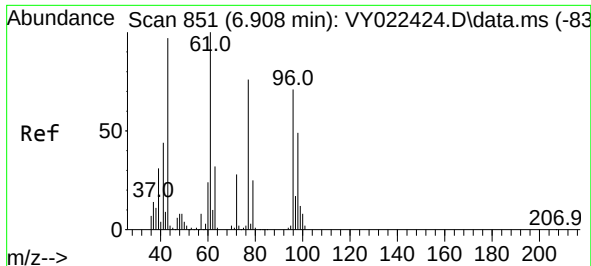
Tgt Ion: 43 Resp: 1108700
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 53.525 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

Tgt Ion: 63 Resp: 238809
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 3.8 2.1 6.5

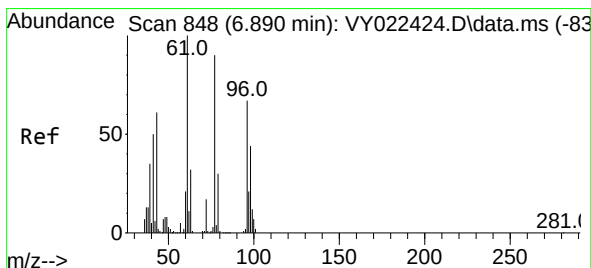
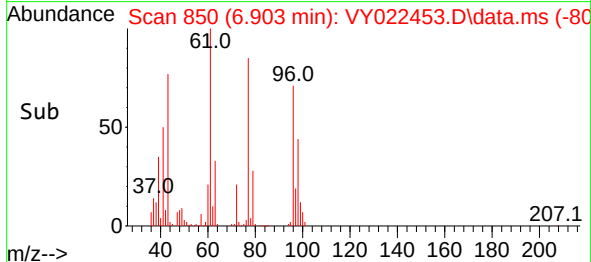
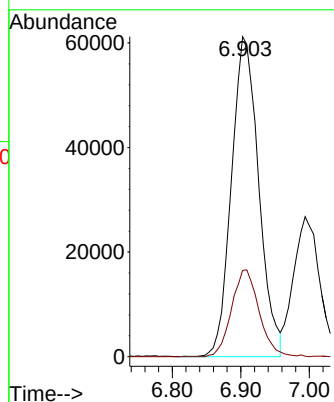
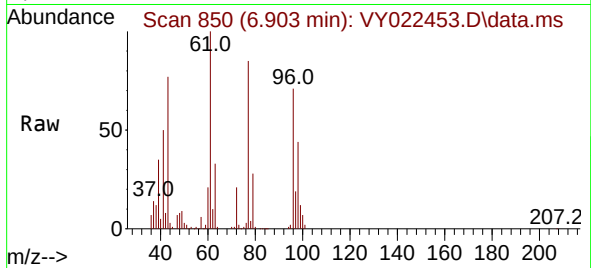




#25
2-Butanone
Concen: 270.697 ug/l
RT: 6.903 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

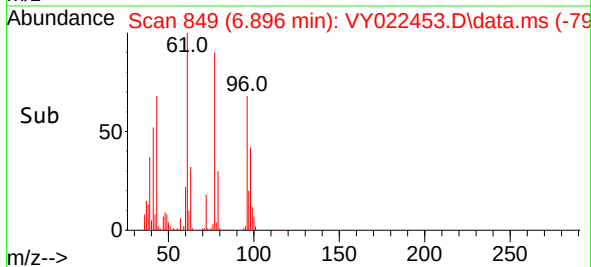
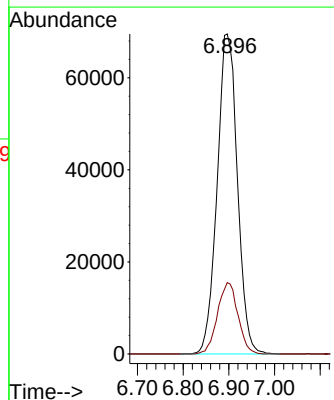
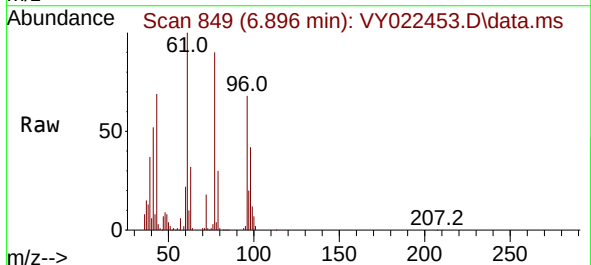
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

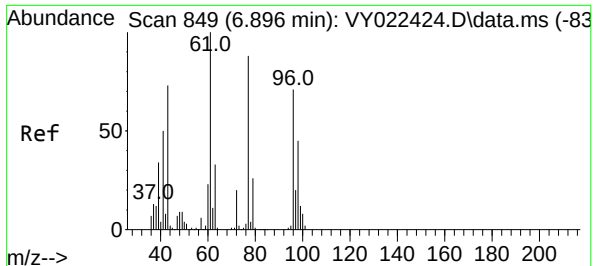
Tgt Ion: 43 Resp: 169383
Ion Ratio Lower Upper
43 100
72 26.9 22.8 34.2



#26
2,2-Dichloropropane
Concen: 53.021 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 77 Resp: 214202
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 52.781 ug/l

RT: 6.903 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

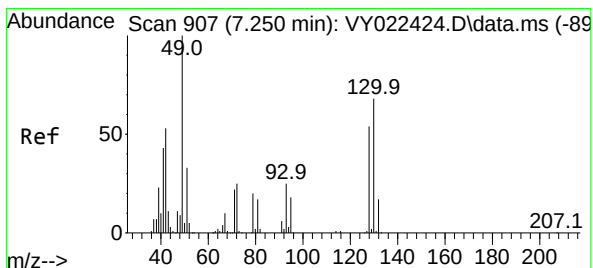
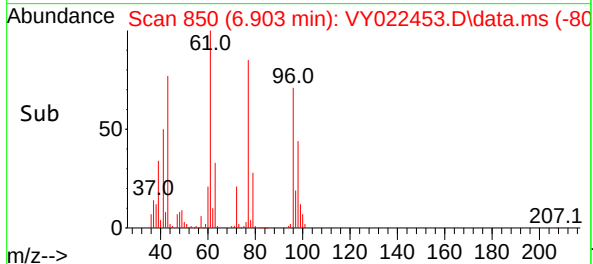
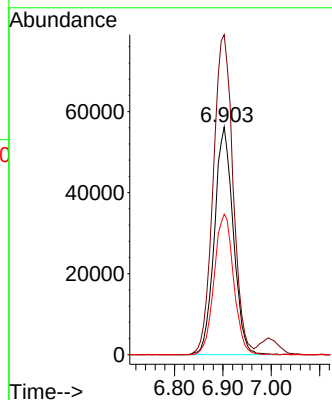
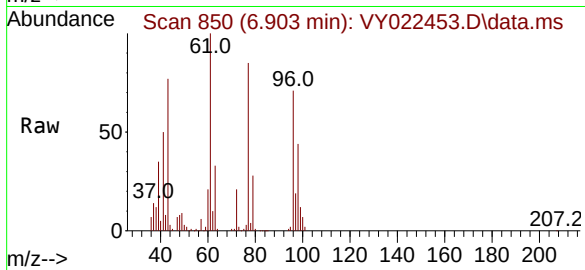
Tgt Ion: 96 Resp: 151712

Ion Ratio Lower Upper

96 100

61 147.7 0.0 292.0

98 63.7 0.0 131.0



#28

Bromochloromethane

Concen: 55.263 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

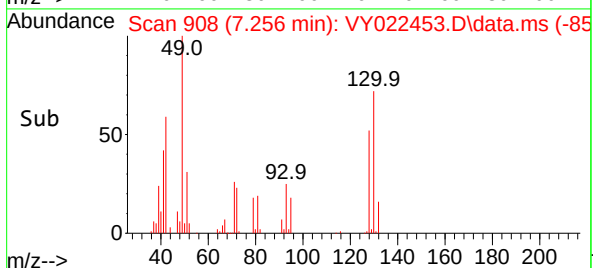
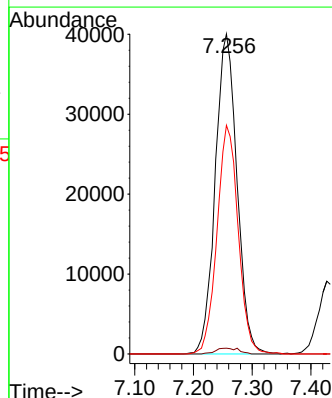
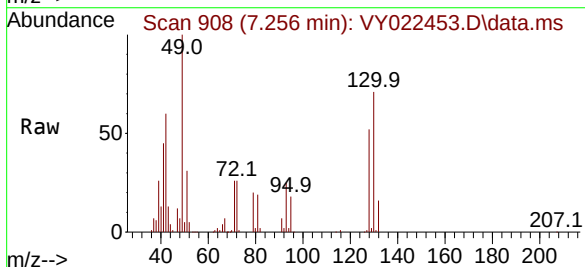
Tgt Ion: 49 Resp: 102958

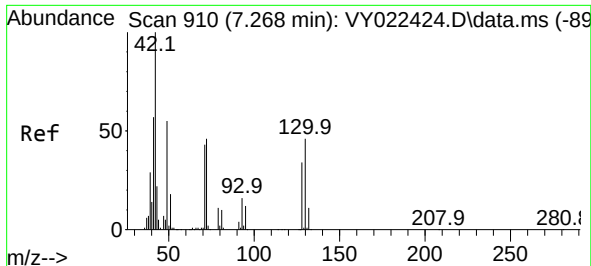
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 69.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 256.623 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

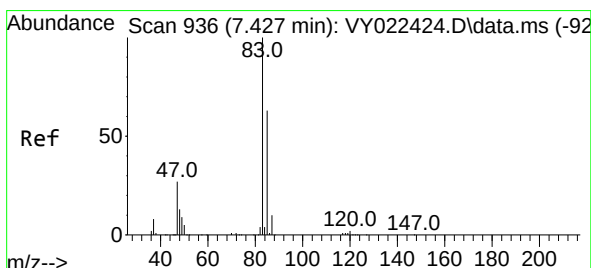
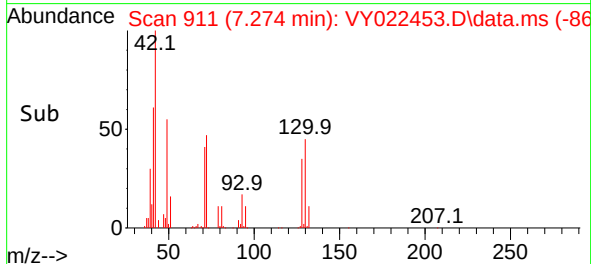
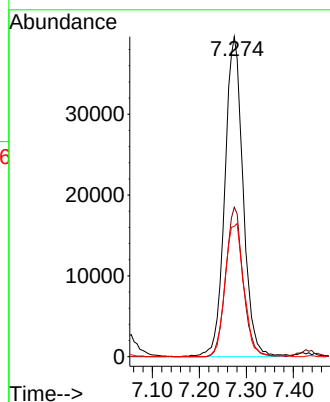
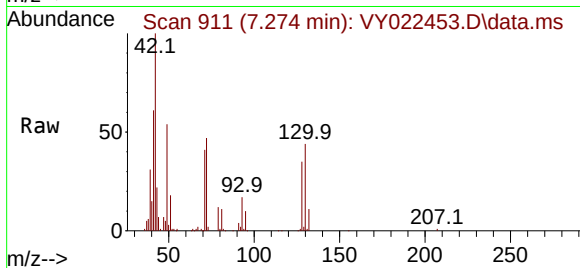
Tgt Ion: 42 Resp: 107092

Ion Ratio Lower Upper

42 100

72 44.5 37.7 56.5

71 42.7 34.7 52.1



#30

Chloroform

Concen: 52.831 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY022453.D

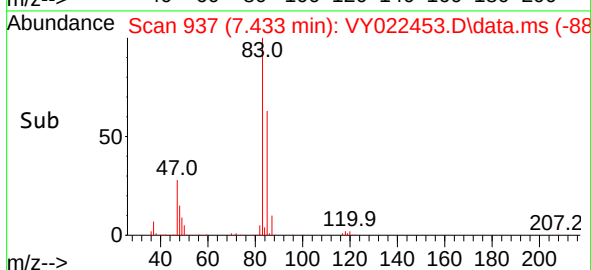
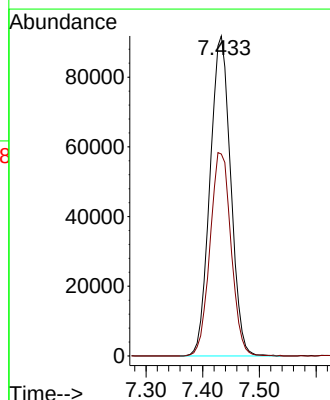
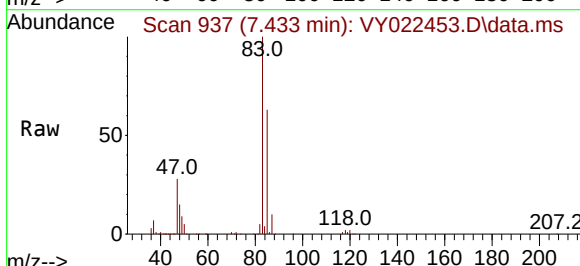
Acq: 29 May 2025 08:23

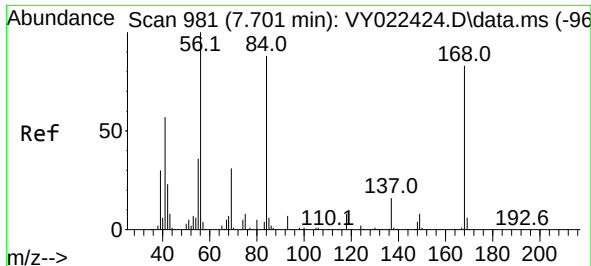
Tgt Ion: 83 Resp: 232263

Ion Ratio Lower Upper

83 100

85 63.1 50.1 75.1

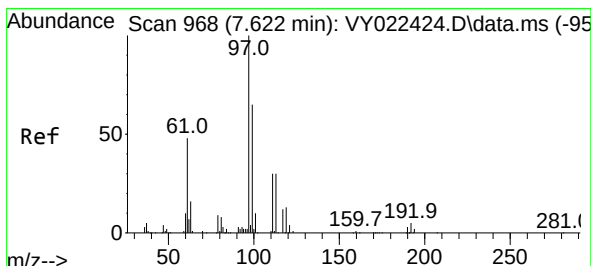
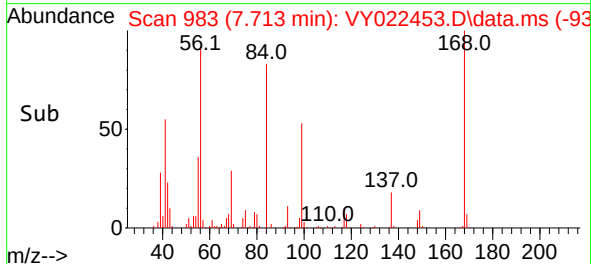
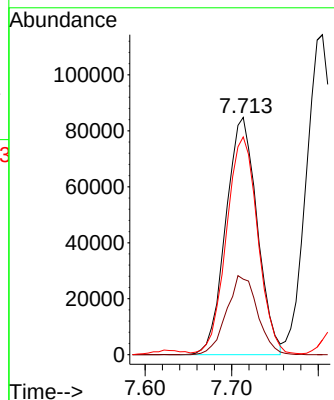
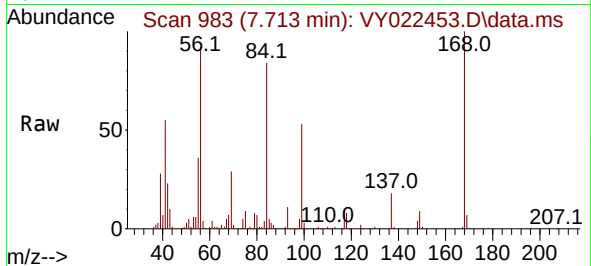




#31
Cyclohexane
Concen: 48.562 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

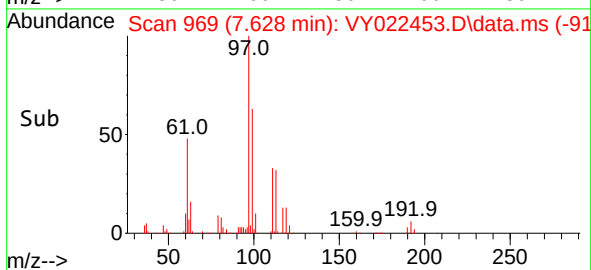
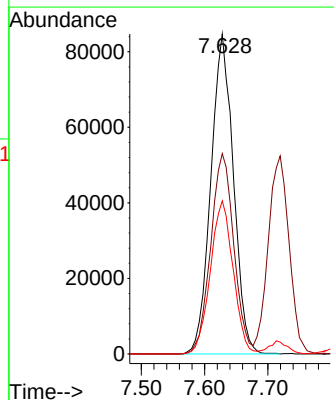
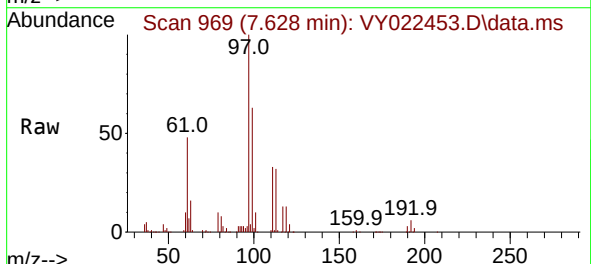
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

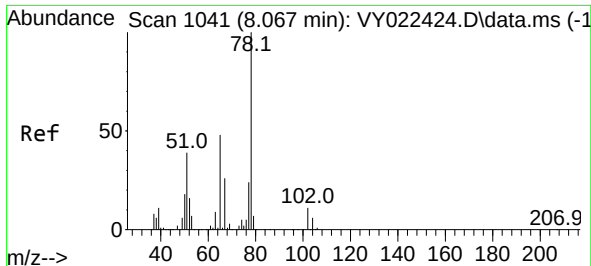
Tgt Ion: 56 Resp: 213578
Ion Ratio Lower Upper
56 100
69 31.8 24.6 36.8
84 90.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 52.490 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 97 Resp: 209433
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 48.4 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 51.485 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

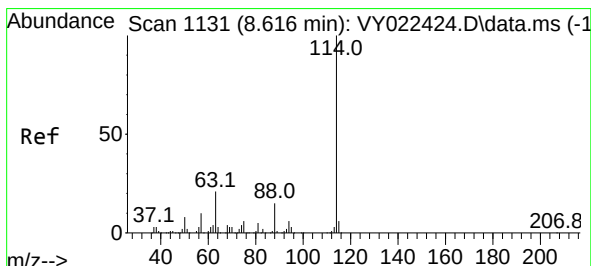
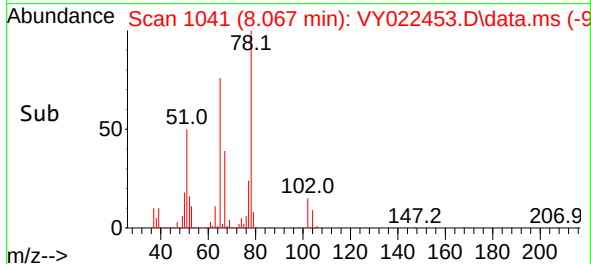
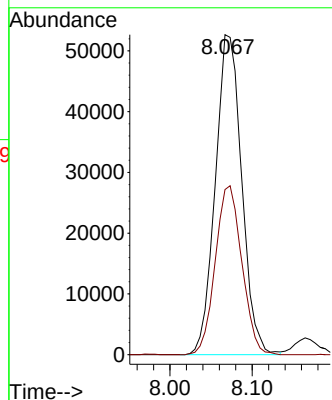
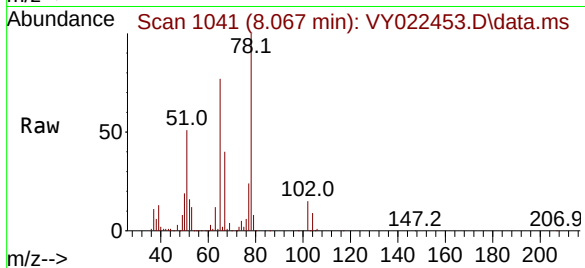
VSTDCCC050

Tgt Ion: 65 Resp: 117718

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

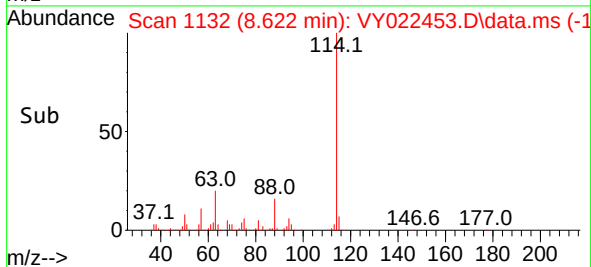
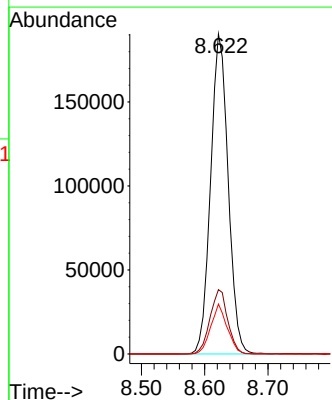
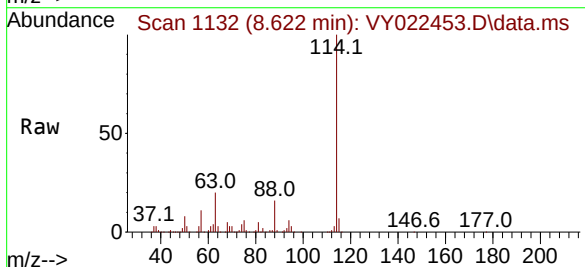
Tgt Ion: 114 Resp: 367403

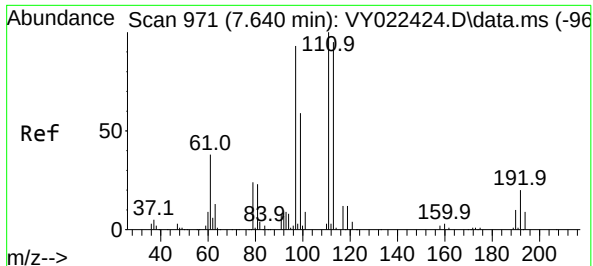
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.6 0.0 29.4

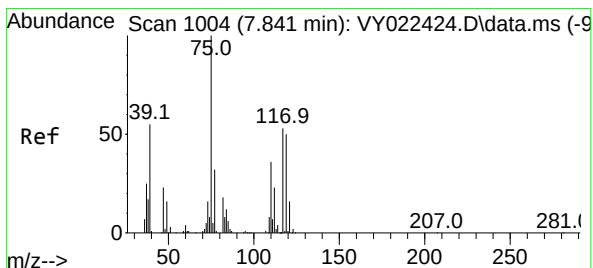
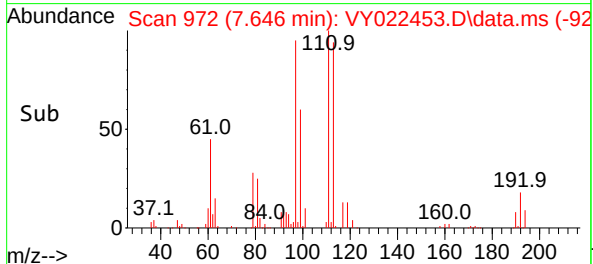
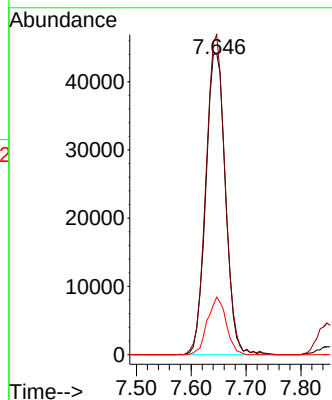
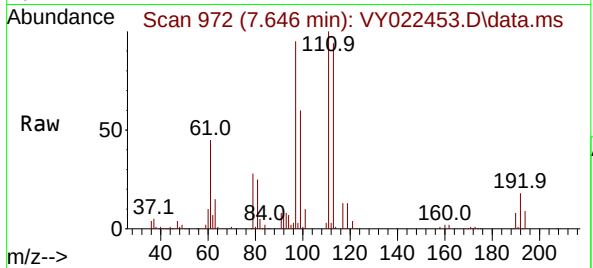




#35
Dibromofluoromethane
Concen: 51.078 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

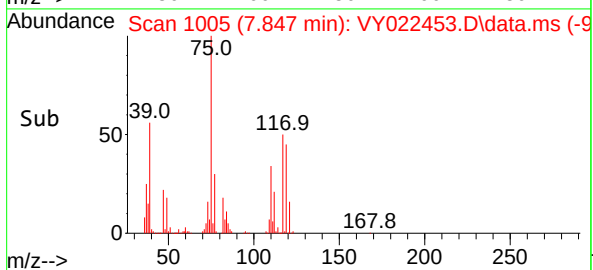
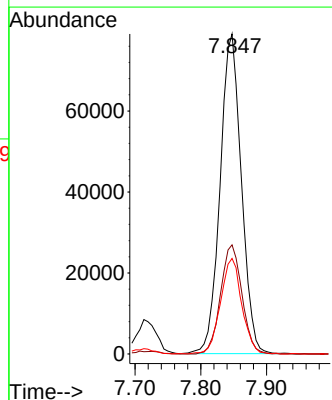
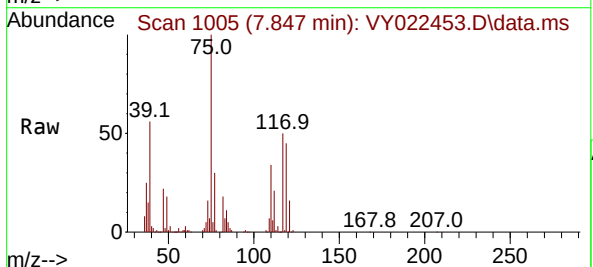
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

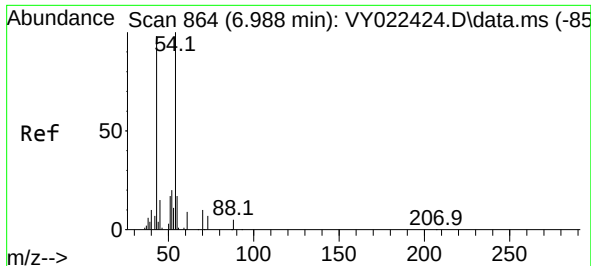
Tgt Ion:113 Resp: 109900
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 51.977 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 75 Resp: 177465
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 30.0 25.1 37.7

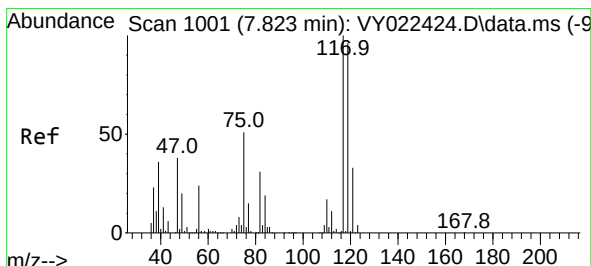
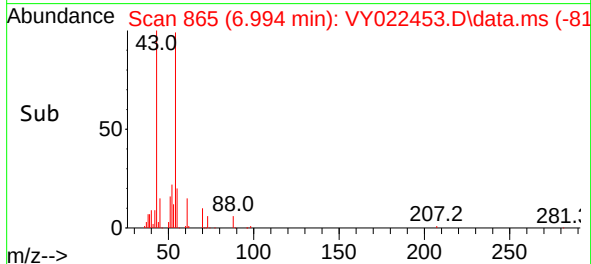
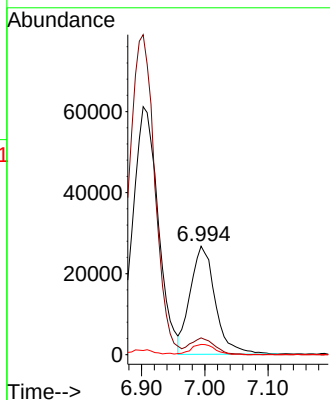
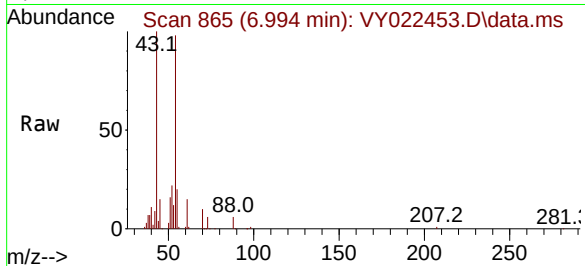




#37
Ethyl Acetate
Concen: 50.504 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

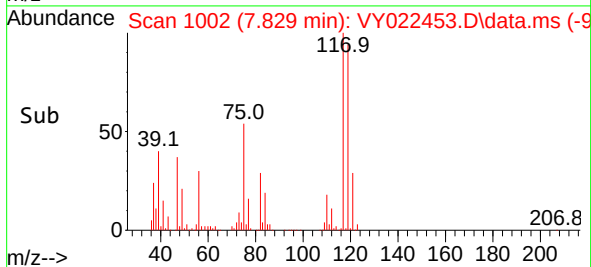
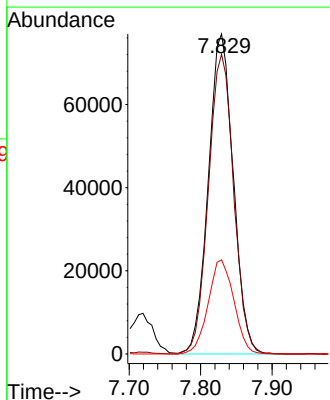
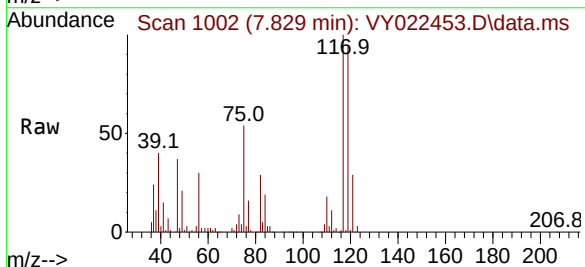
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

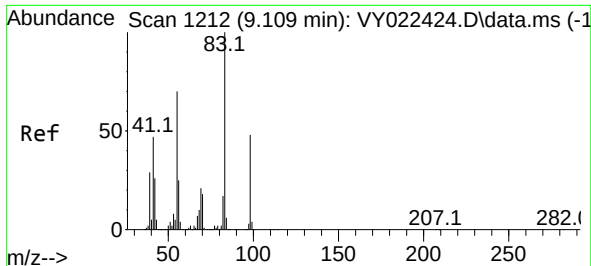
Tgt Ion: 43 Resp: 73283
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 9.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 52.449 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 117 Resp: 186546
Ion Ratio Lower Upper
117 100
119 93.6 76.3 114.5
121 29.4 26.1 39.1





#39

Methylcyclohexane

Concen: 50.278 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

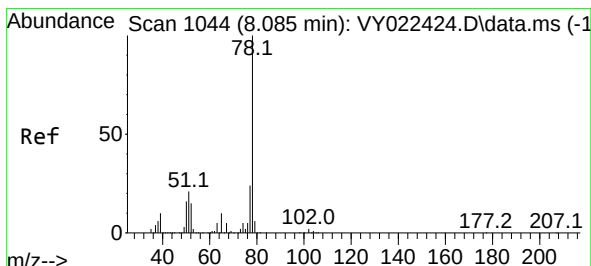
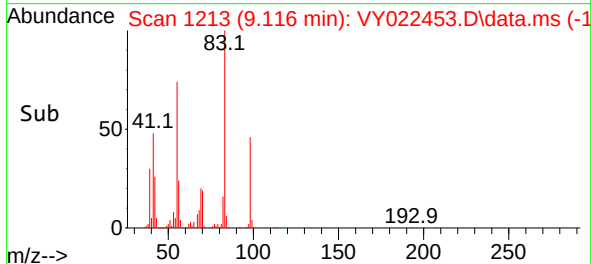
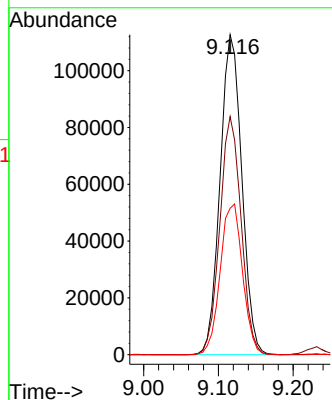
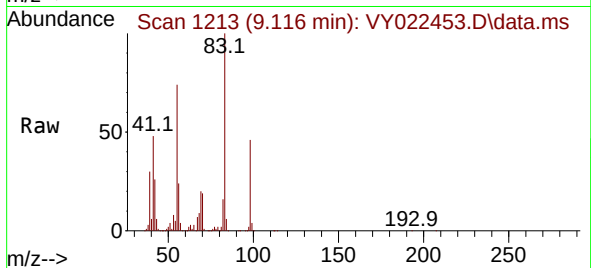
Tgt Ion: 83 Resp: 228187

Ion Ratio Lower Upper

83 100

55 74.4 56.2 84.2

98 45.7 38.4 57.6



#40

Benzene

Concen: 52.686 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY022453.D

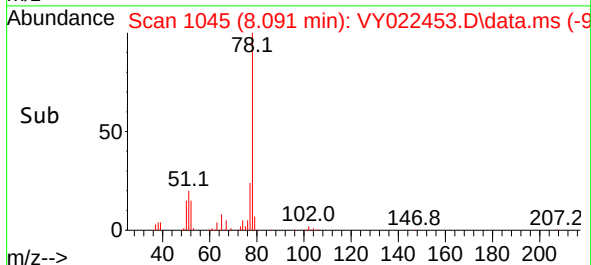
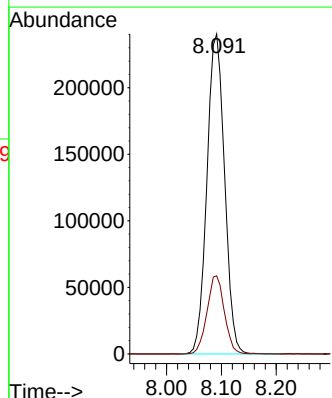
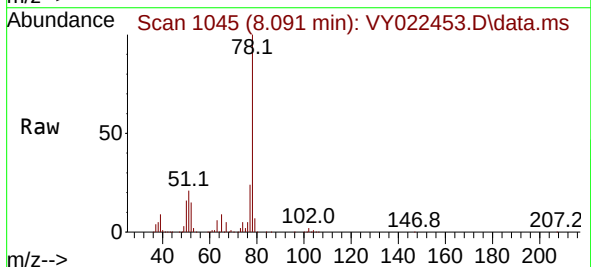
Acq: 29 May 2025 08:23

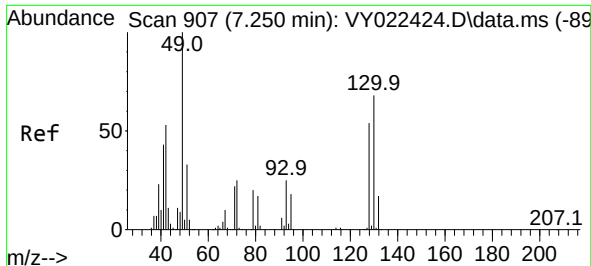
Tgt Ion: 78 Resp: 535259

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.2

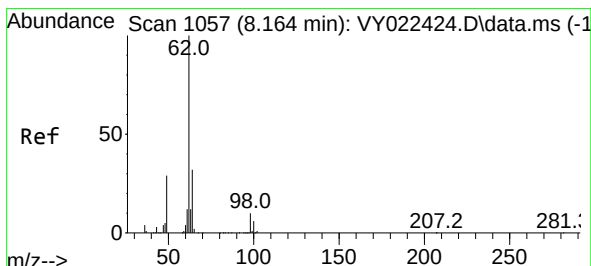
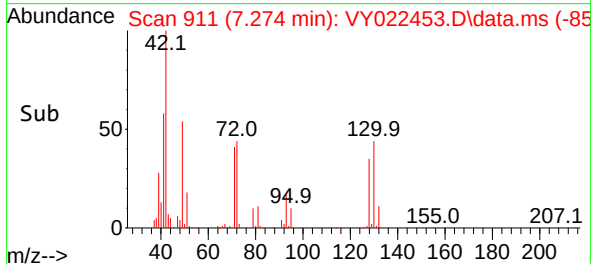
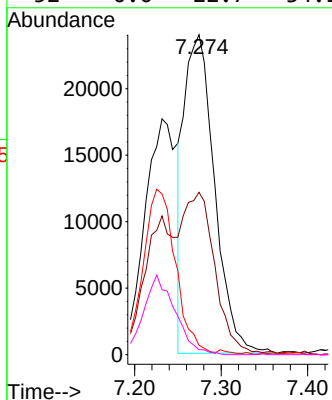
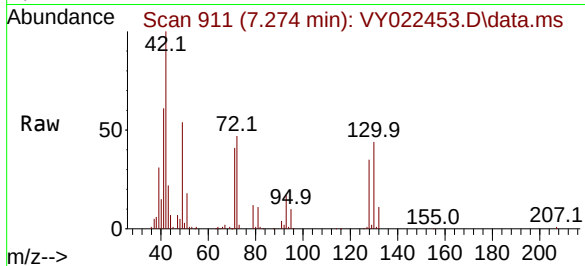




#41
Methacrylonitrile
Concen: 66.160 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.025 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

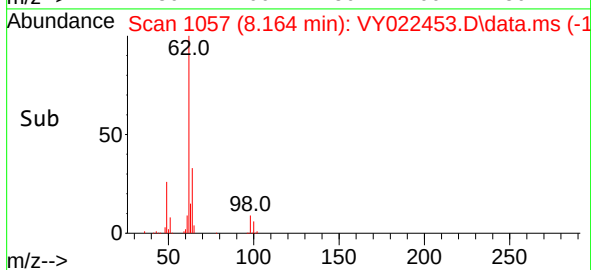
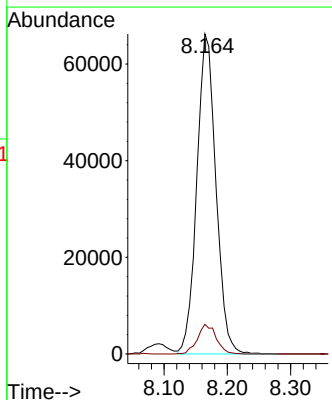
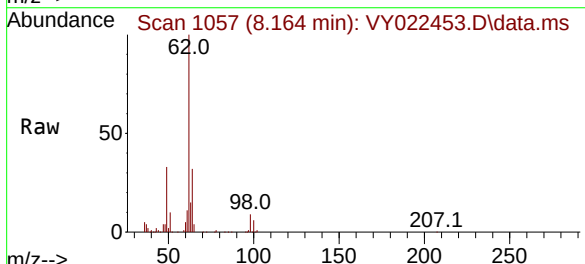
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

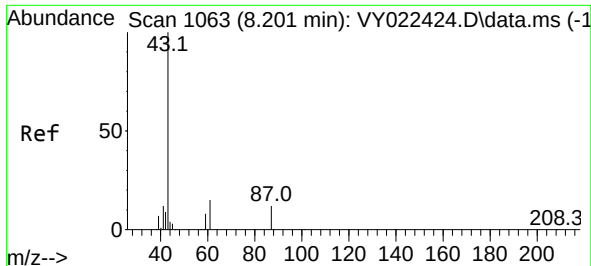
Tgt Ion: 41 Resp: 58266
Ion Ratio Lower Upper
41 100
39 52.2 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 51.926 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 62 Resp: 139327
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

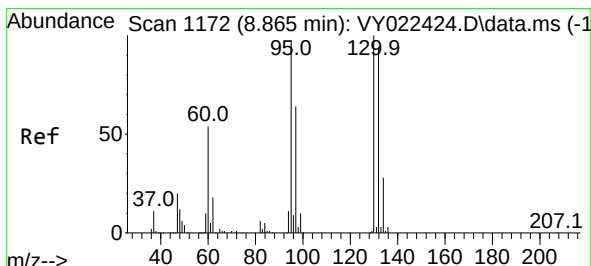
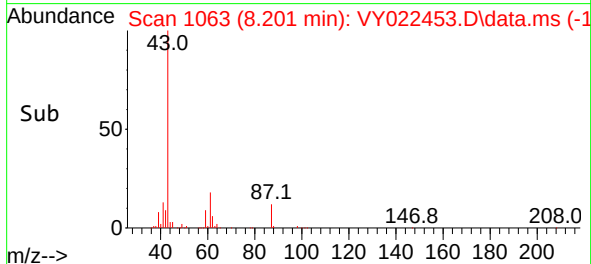
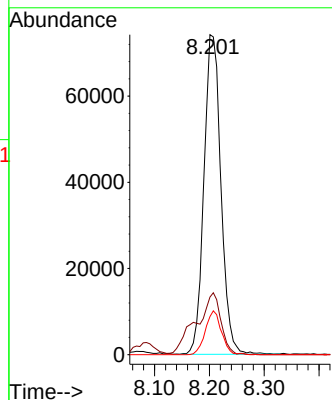
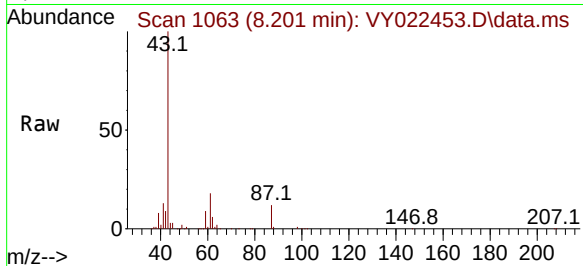




#43
Isopropyl Acetate
Concen: 50.350 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

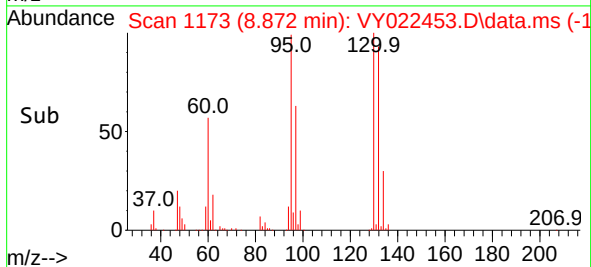
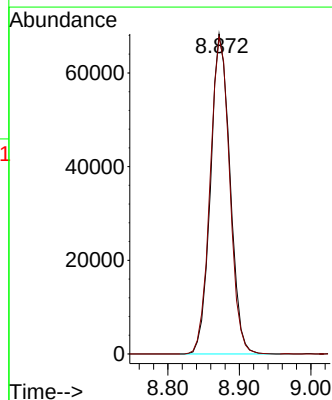
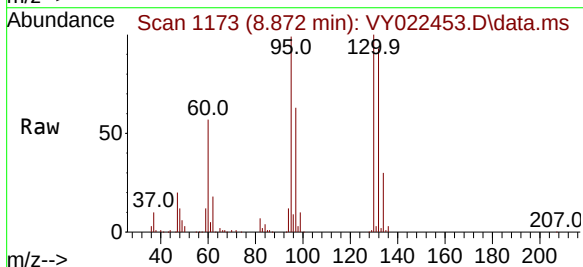
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

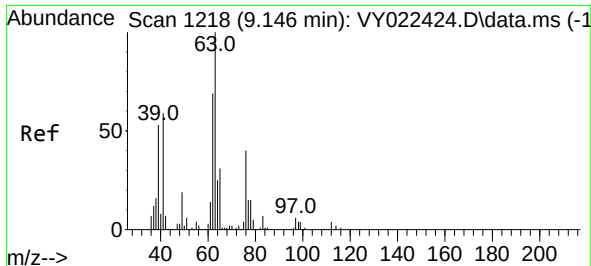
Tgt Ion: 43 Resp: 159648
Ion Ratio Lower Upper
43 100
61 28.5 15.4 23.0#
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 51.329 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:130 Resp: 128913
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.560 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

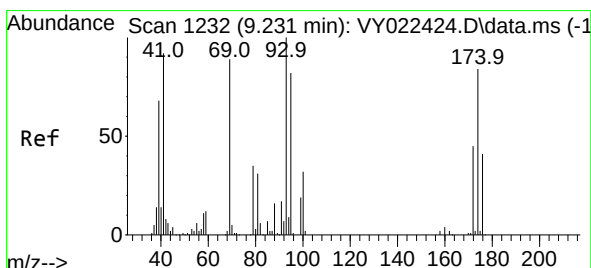
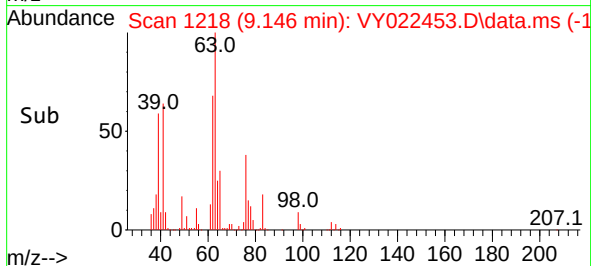
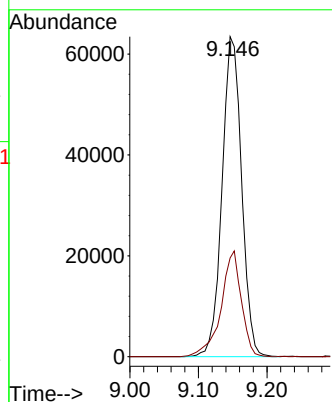
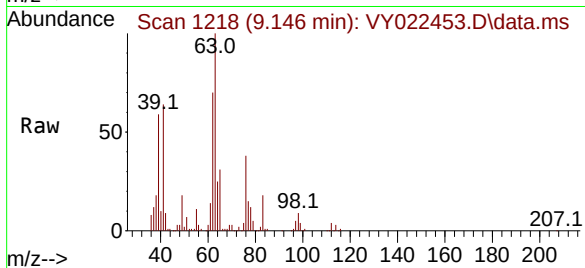
VSTDCCC050

Tgt Ion: 63 Resp: 125461

Ion Ratio Lower Upper

63 100

65 30.9 25.1 37.7



#46

Dibromomethane

Concen: 51.150 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

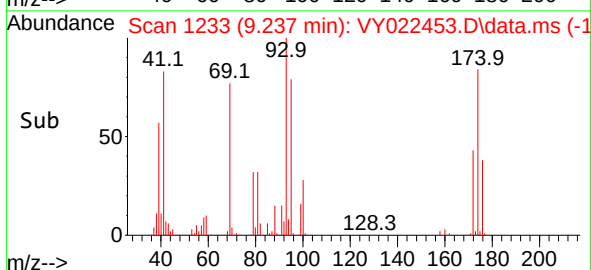
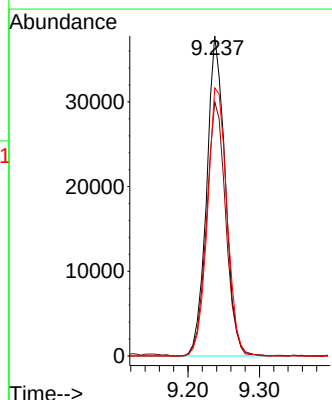
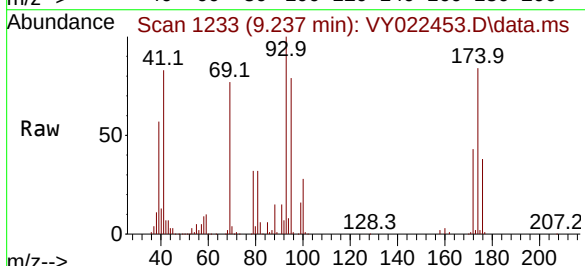
Tgt Ion: 93 Resp: 68205

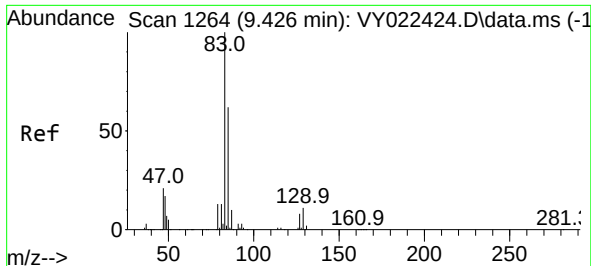
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 87.8 71.1 106.7

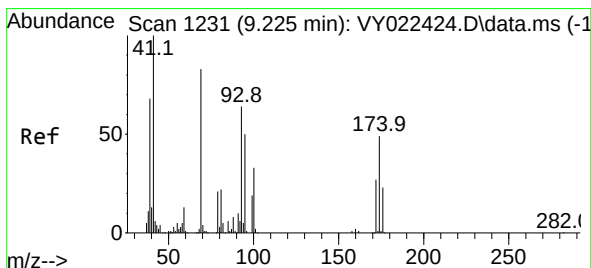
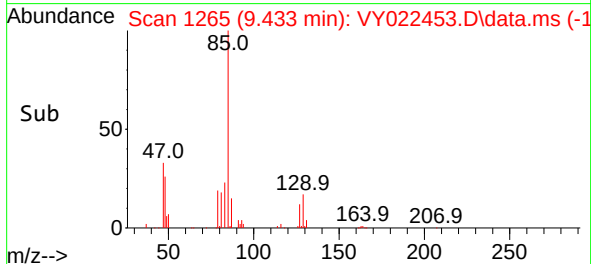
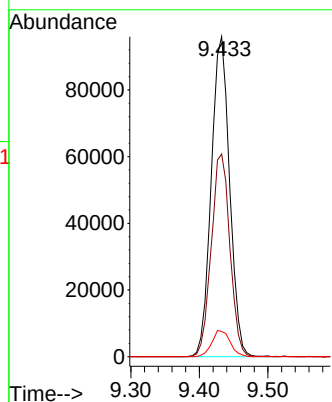
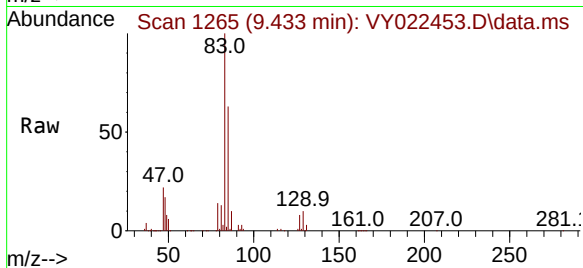




#47
Bromodichloromethane
Concen: 52.116 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

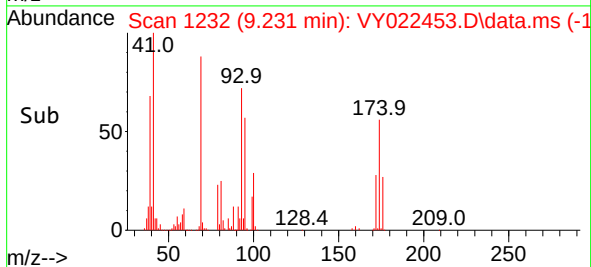
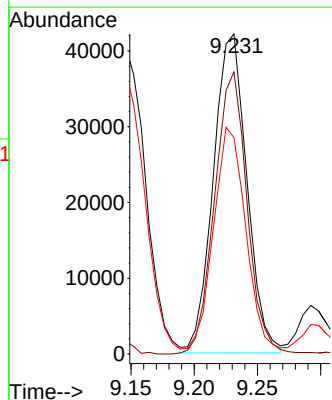
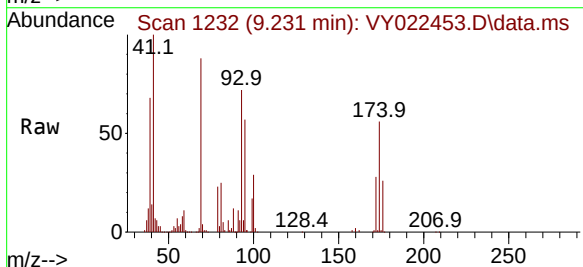
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

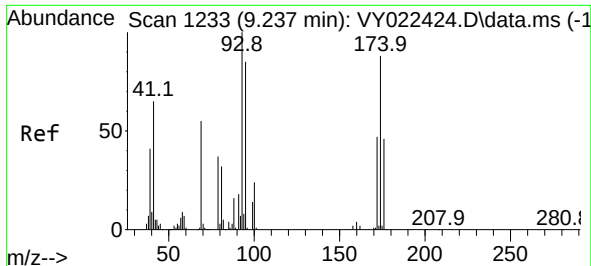
Tgt Ion: 83 Resp: 178705
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 7.8 6.6 9.8



#48
Methyl methacrylate
Concen: 52.848 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 41 Resp: 77784
Ion Ratio Lower Upper
41 100
69 85.4 70.3 105.5
39 66.0 55.4 83.0





#49

1,4-Dioxane

Concen: 975.883 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

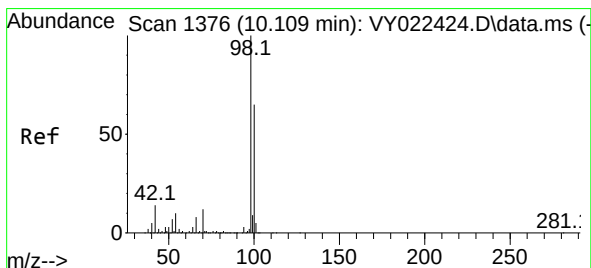
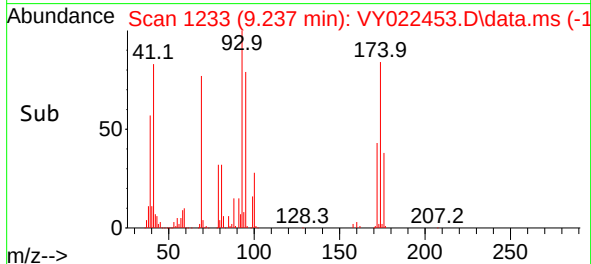
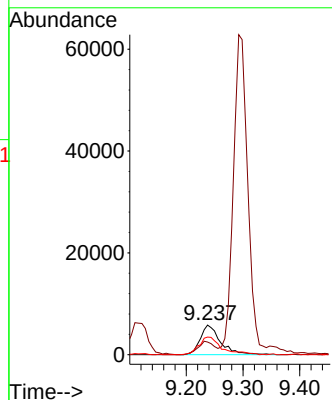
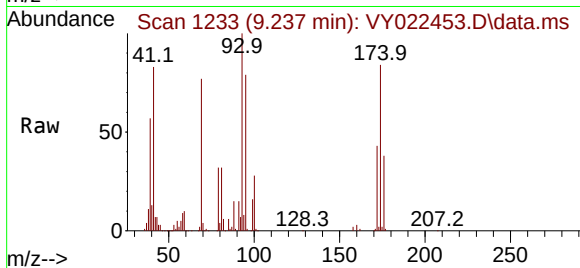
Tgt Ion: 88 Resp: 14373

Ion Ratio Lower Upper

88 100

43 36.6 26.9 40.3

58 67.2 55.8 83.6



#50

Toluene-d8

Concen: 50.917 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY022453.D

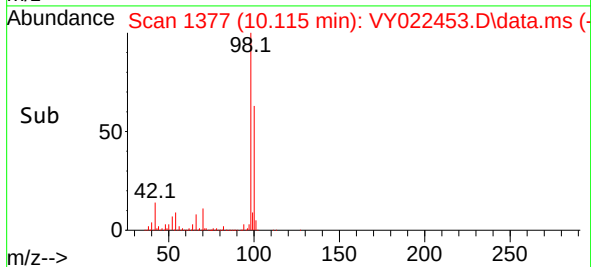
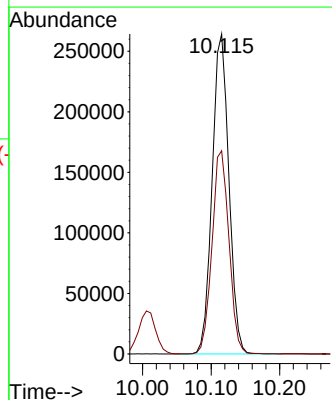
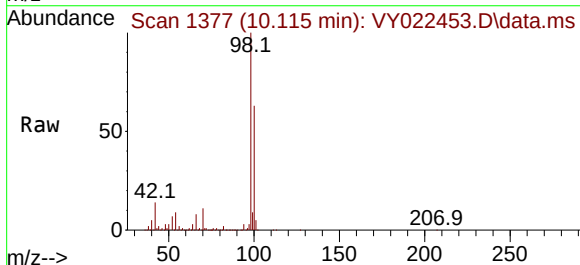
Acq: 29 May 2025 08:23

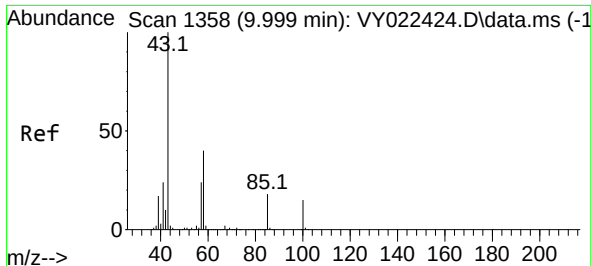
Tgt Ion: 98 Resp: 446607

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 257.545 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

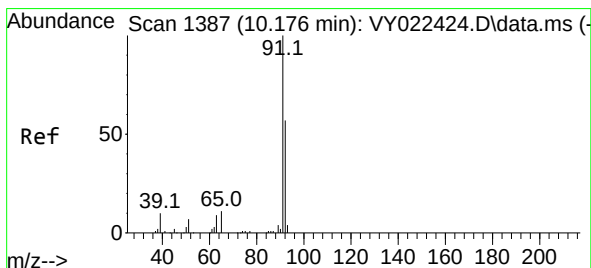
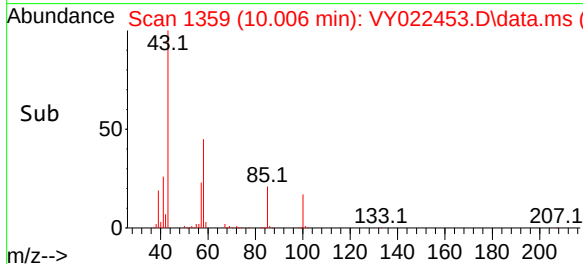
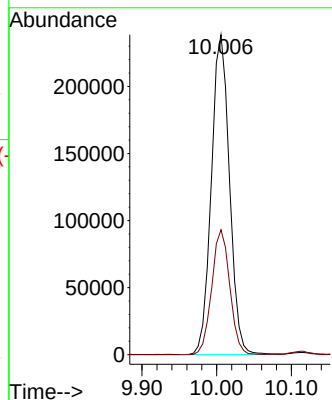
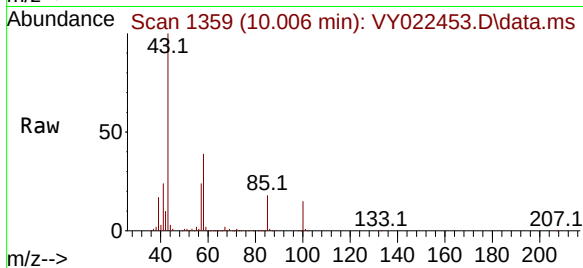
VSTDCCC050

Tgt Ion: 43 Resp: 402915

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 52.454 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY022453.D

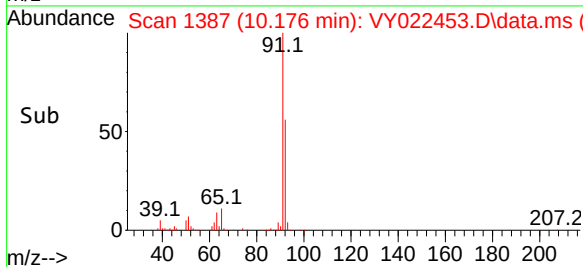
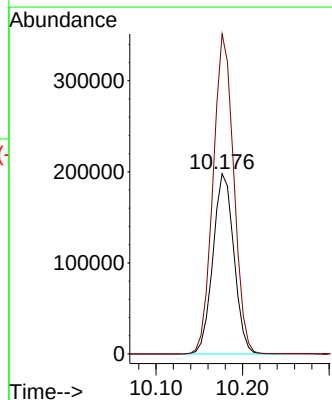
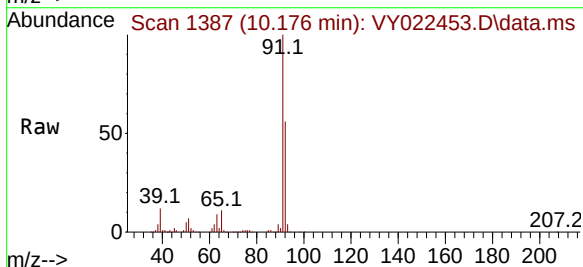
Acq: 29 May 2025 08:23

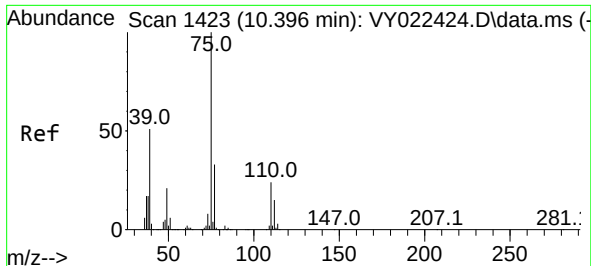
Tgt Ion: 92 Resp: 332855

Ion Ratio Lower Upper

92 100

91 175.2 139.8 209.6

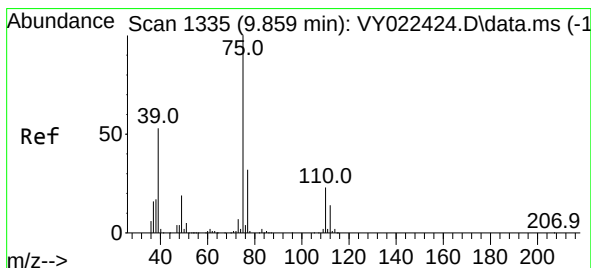
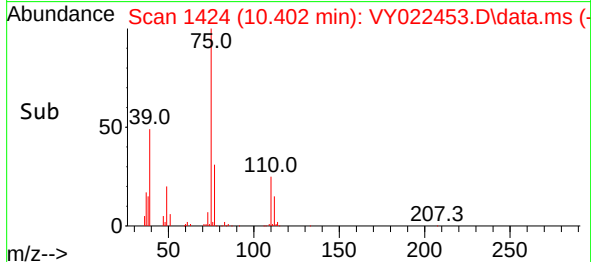
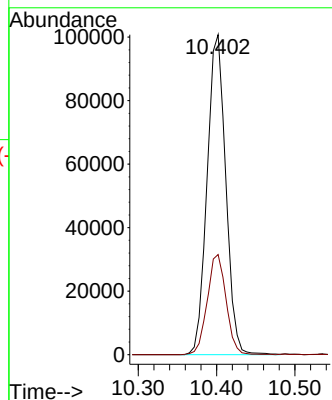
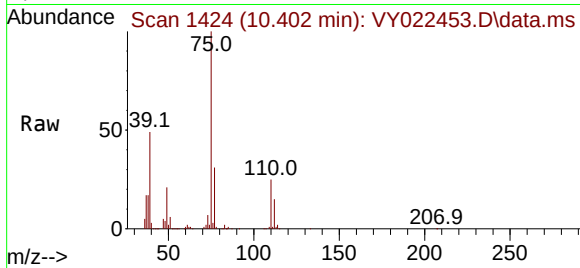




#53
 t-1,3-Dichloropropene
 Concen: 52.136 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

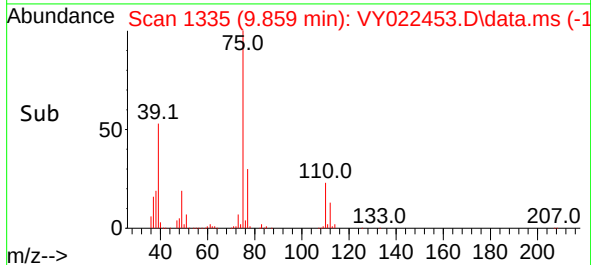
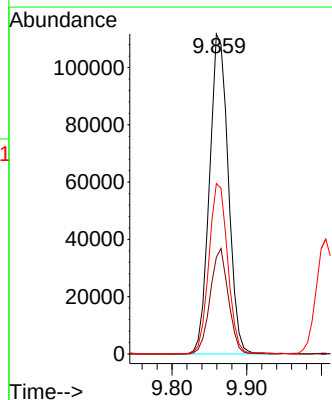
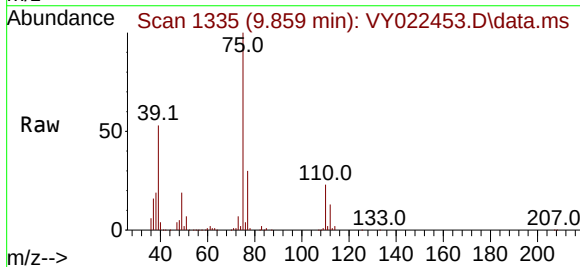
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

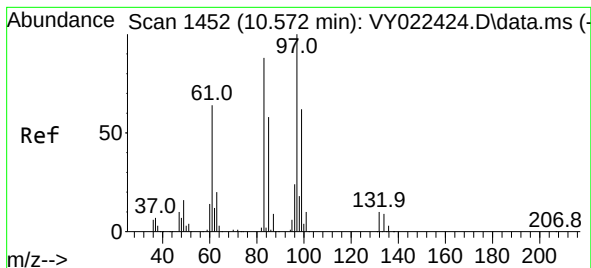
Tgt Ion: 75 Resp: 166521
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.992 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

Tgt Ion: 75 Resp: 195125
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.2
 39 53.1 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 51.165 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 86260

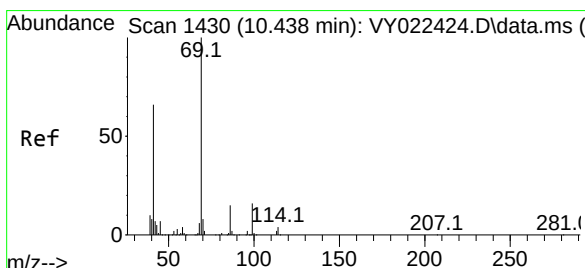
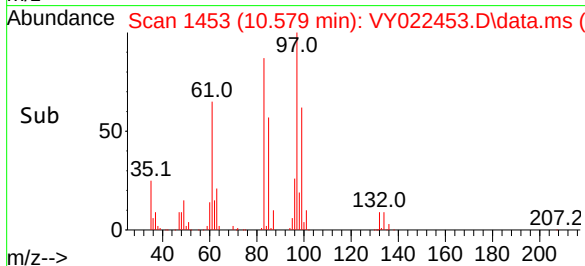
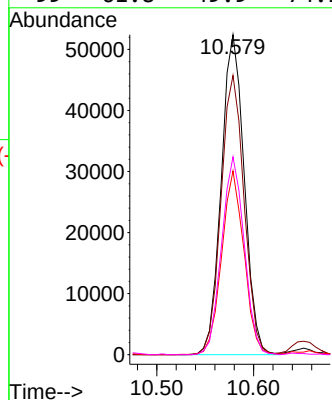
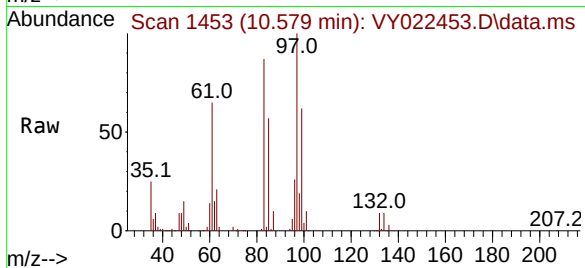
Ion Ratio Lower Upper

97 100

83 87.2 70.2 105.4

85 57.3 46.1 69.1

99 61.8 49.9 74.9



#56

Ethyl methacrylate

Concen: 50.656 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

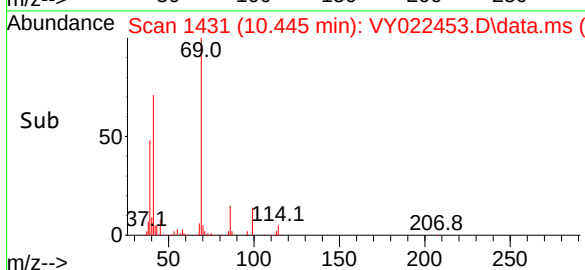
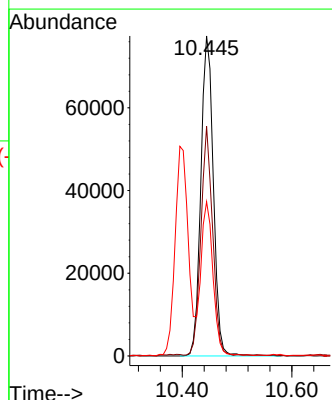
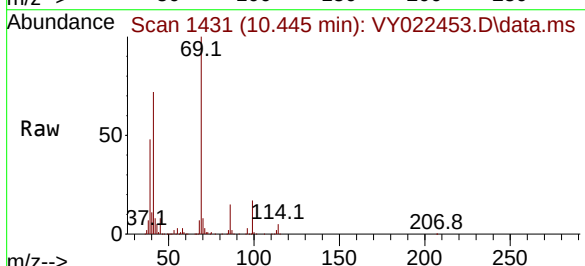
Tgt Ion: 69 Resp: 122555

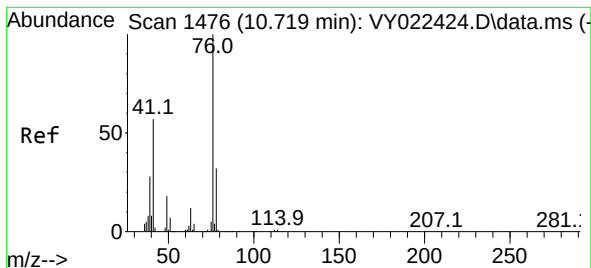
Ion Ratio Lower Upper

69 100

41 66.9 51.2 76.8

39 44.7 35.2 52.8

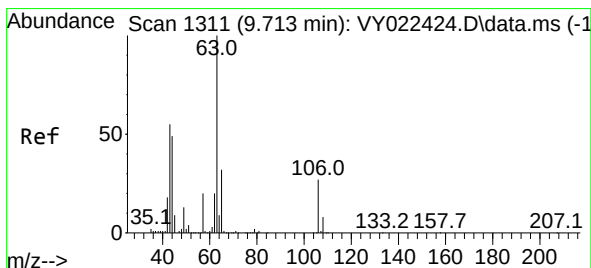
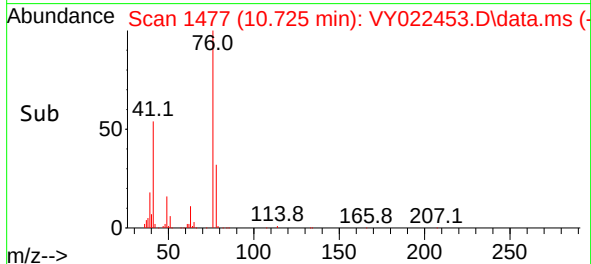
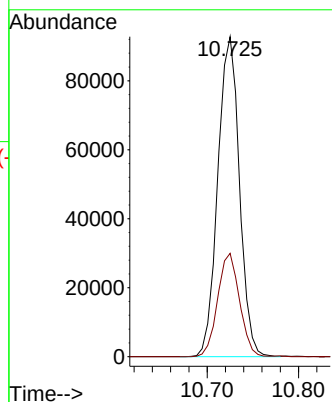
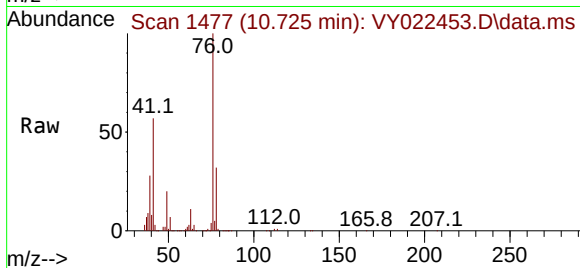




#57
1,3-Dichloropropane
Concen: 51.375 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

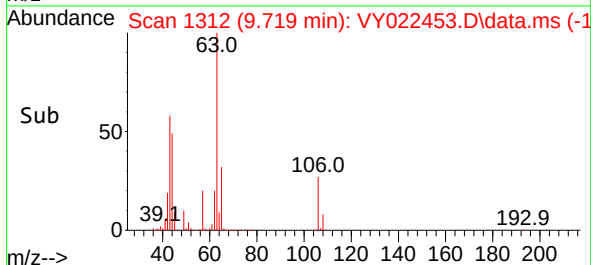
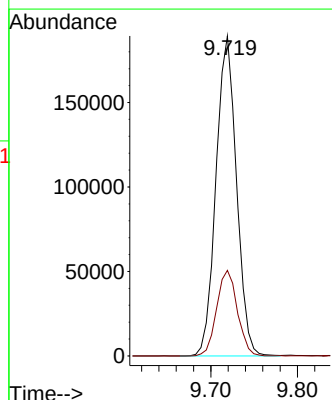
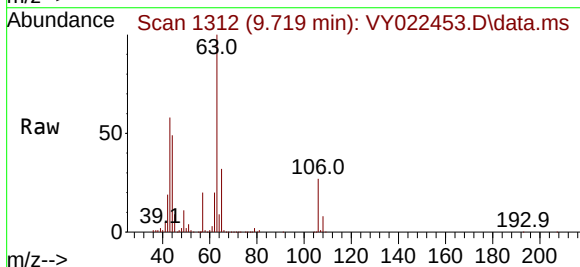
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

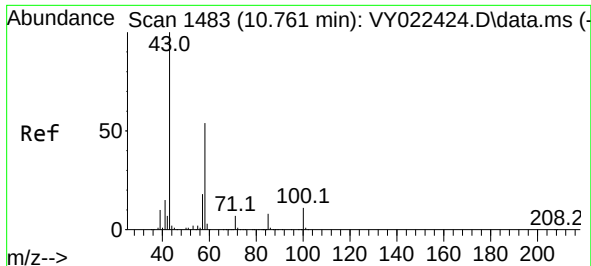
Tgt Ion: 76 Resp: 152635
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 258.077 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 63 Resp: 311180
Ion Ratio Lower Upper
63 100
106 27.0 22.2 33.2

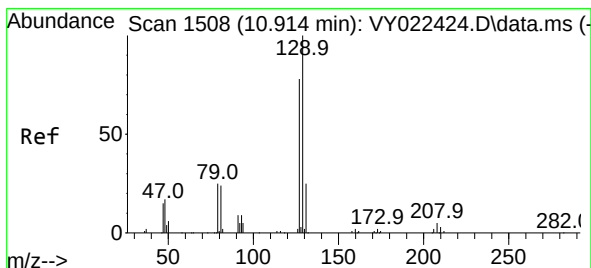
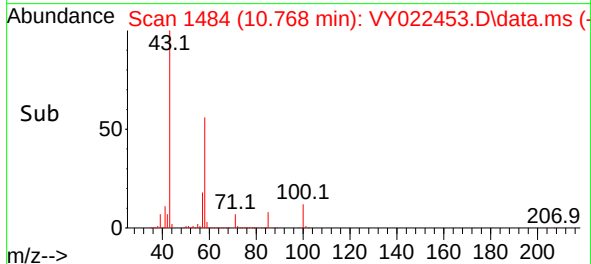
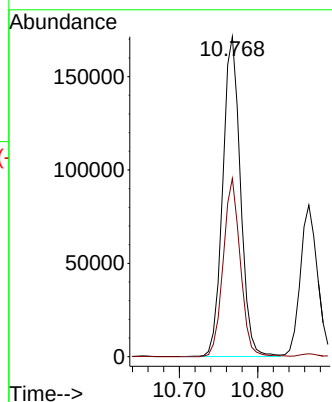
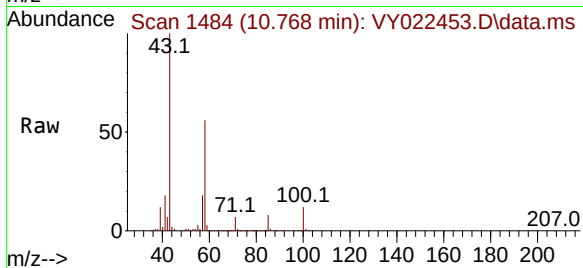




#59
2-Hexanone
Concen: 262.819 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

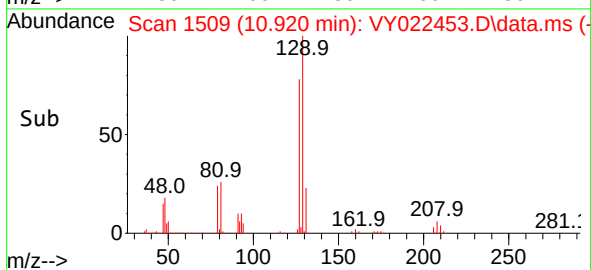
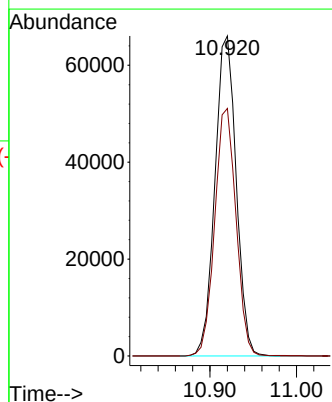
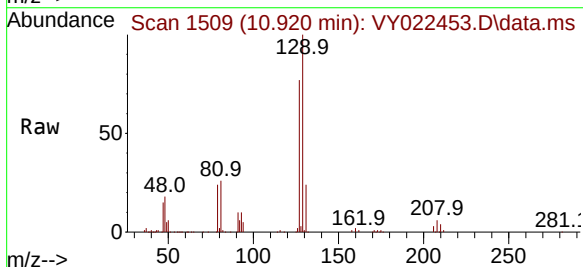
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

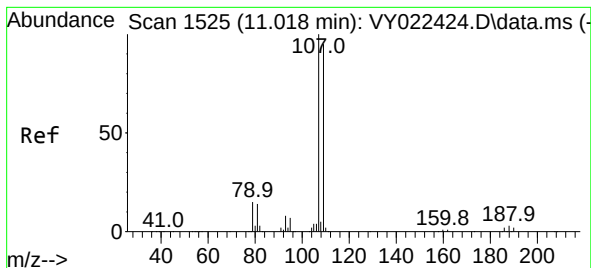
Tgt Ion: 43 Resp: 269457
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.2



#60
Dibromochloromethane
Concen: 52.335 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 129 Resp: 112707
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8

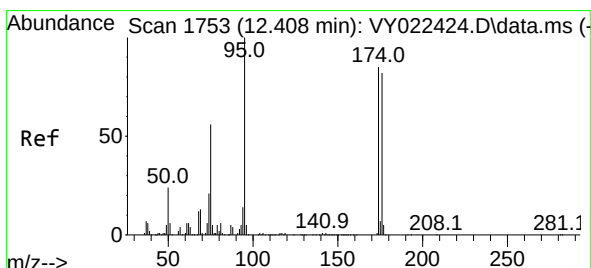
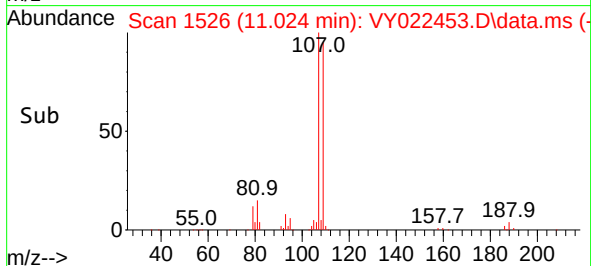
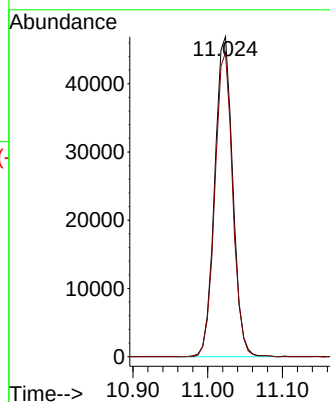
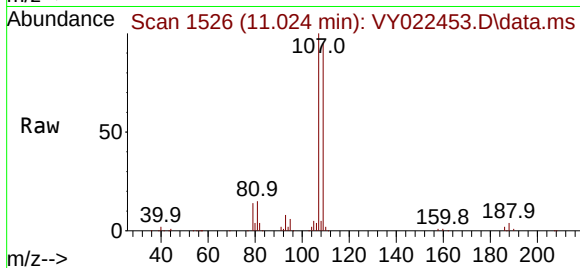




#61
1,2-Dibromoethane
Concen: 51.091 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

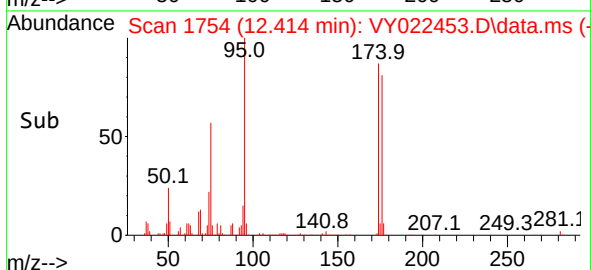
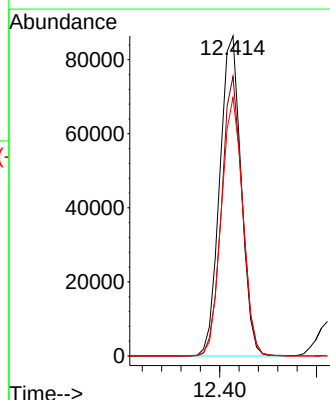
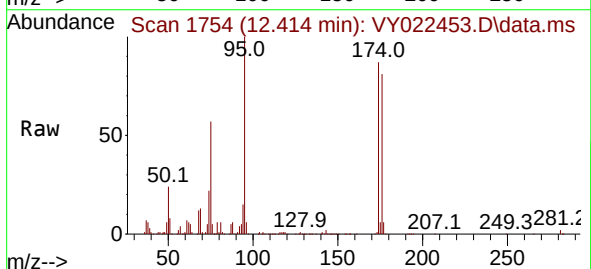
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

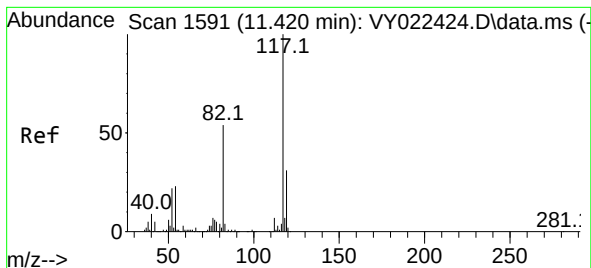
Tgt Ion:107 Resp: 78781
Ion Ratio Lower Upper
107 100
109 94.2 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 49.979 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 95 Resp: 132603
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.6
176 81.0 0.0 164.6

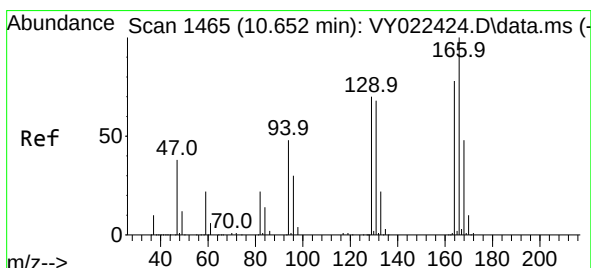
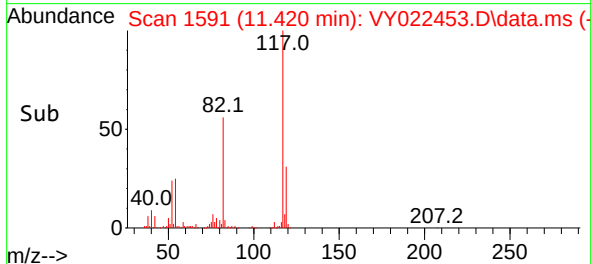
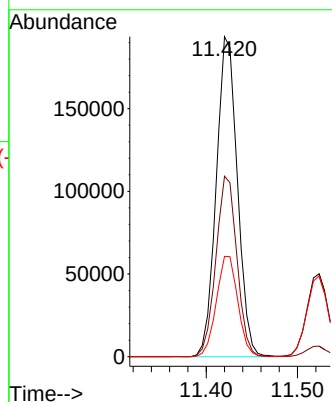
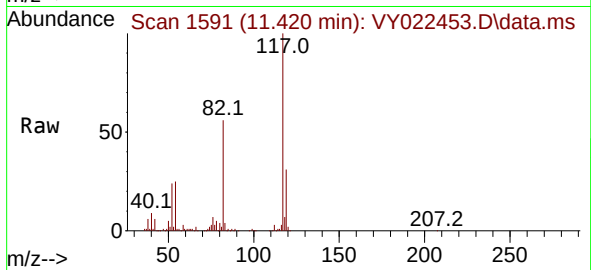




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

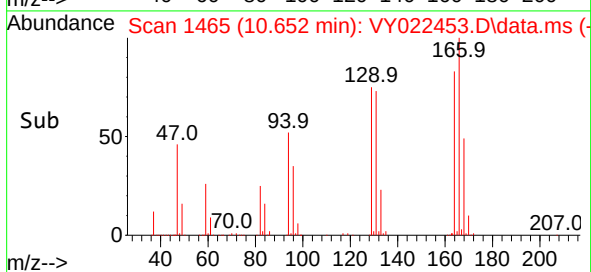
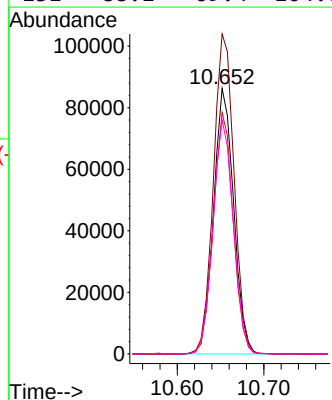
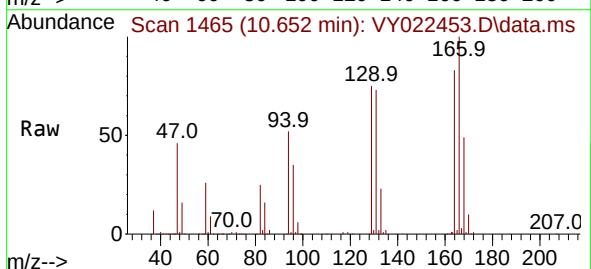
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

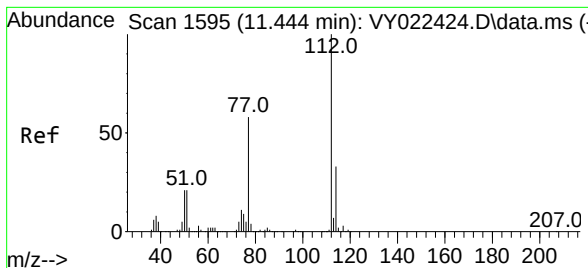
Tgt Ion:117 Resp: 311885
Ion Ratio Lower Upper
117 100
82 56.4 43.3 64.9
119 31.4 24.5 36.7



#64
Tetrachloroethene
Concen: 52.318 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:164 Resp: 138967
Ion Ratio Lower Upper
164 100
166 120.5 102.0 153.0
129 90.9 71.3 106.9
131 88.1 69.4 104.0

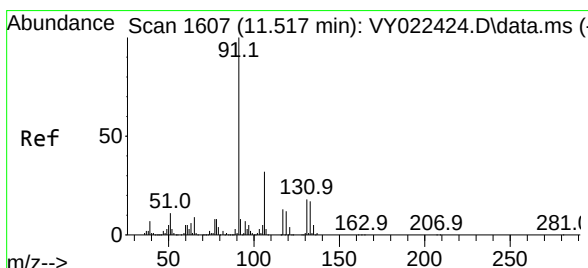
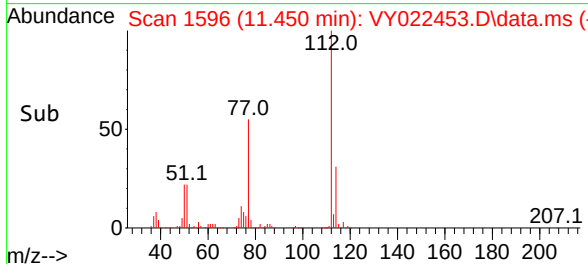
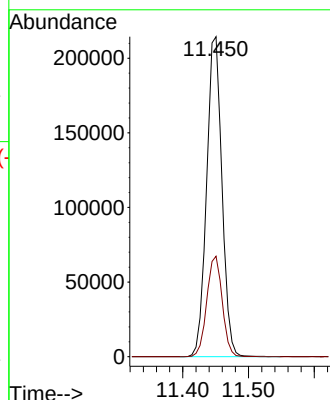
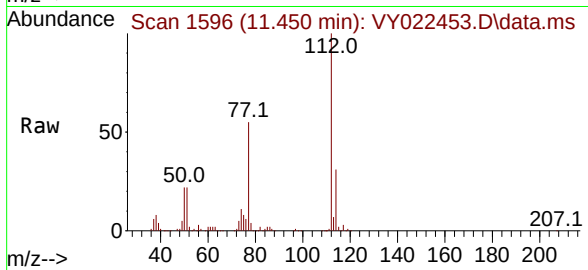




#65
Chlorobenzene
Concen: 52.240 ug/l
RT: 11.450 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

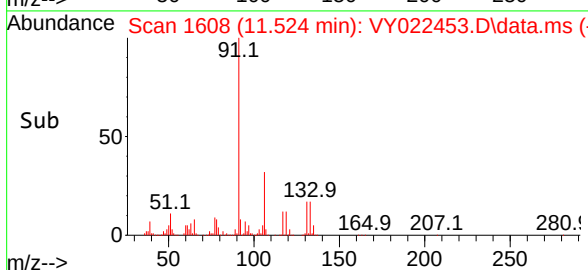
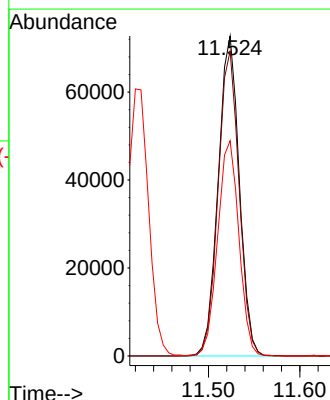
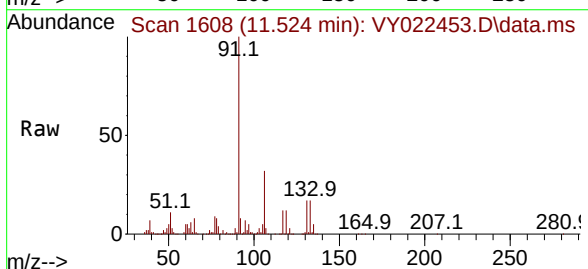
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

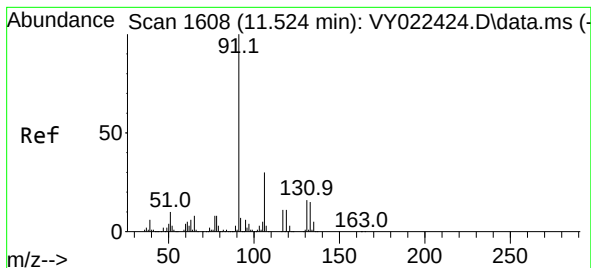
Tgt Ion:112 Resp: 347414
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.821 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:131 Resp: 116764
Ion Ratio Lower Upper
131 100
133 94.6 46.6 139.8
119 68.0 33.3 99.8

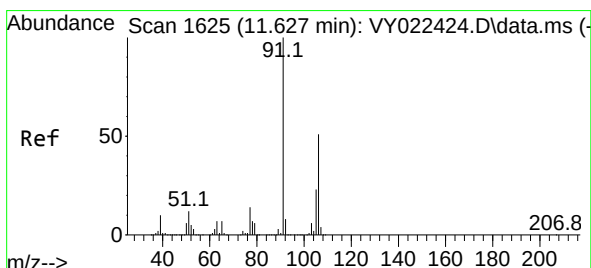
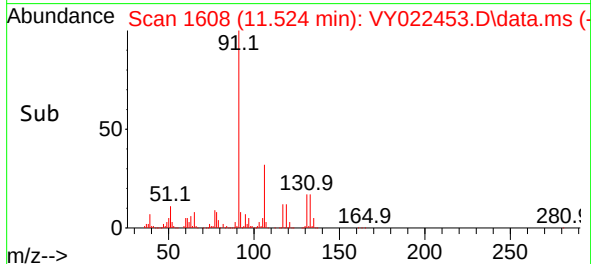
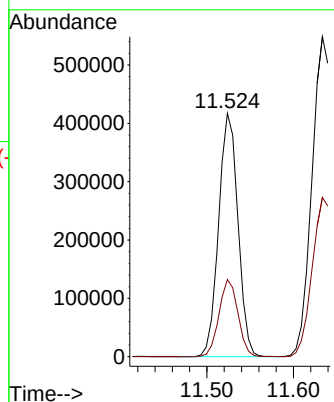
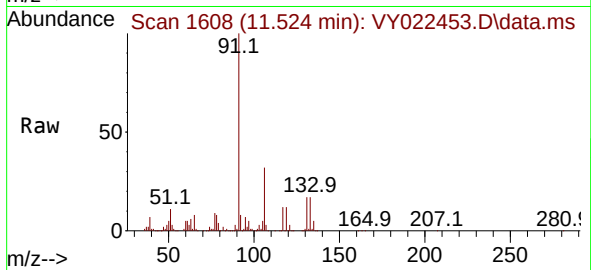




#67
Ethyl Benzene
Concen: 52.235 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

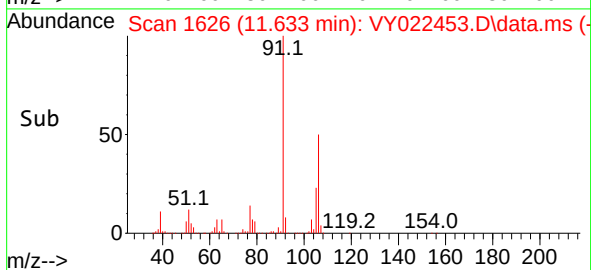
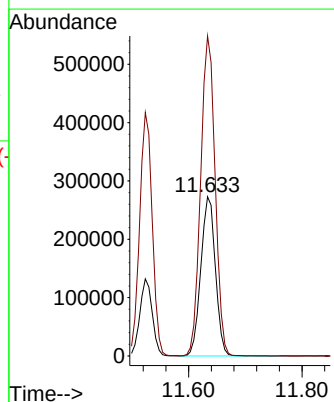
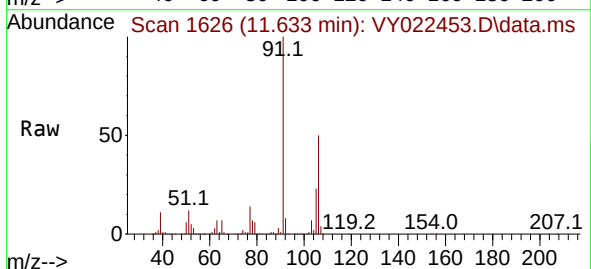
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

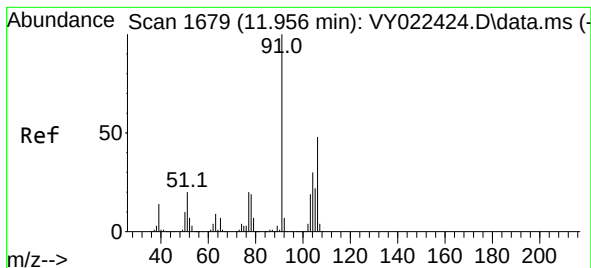
Tgt Ion: 91 Resp: 645012
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6



#68
m/p-Xylenes
Concen: 103.724 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 106 Resp: 485605
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.8





#69

o-Xylene

Concen: 51.717 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

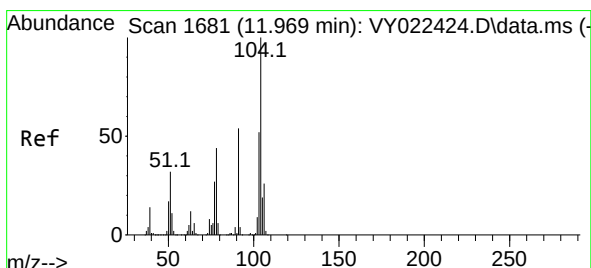
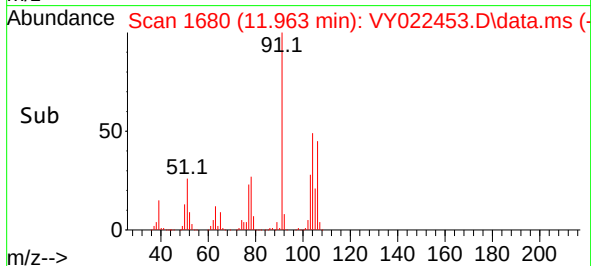
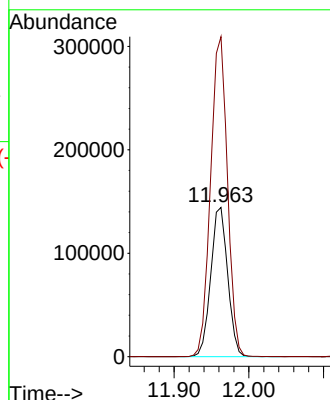
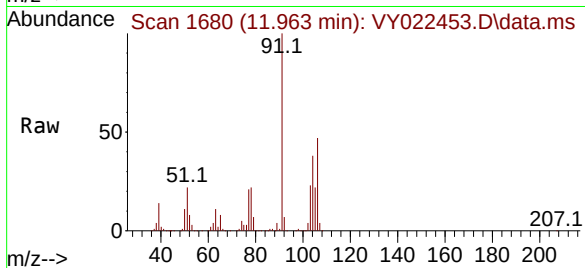
VSTDCCC050

Tgt Ion:106 Resp: 227557

Ion Ratio Lower Upper

106 100

91 213.7 106.3 318.9



#70

Styrene

Concen: 52.776 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

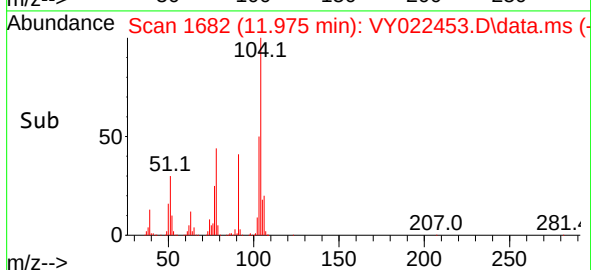
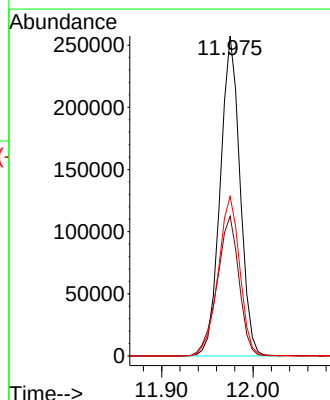
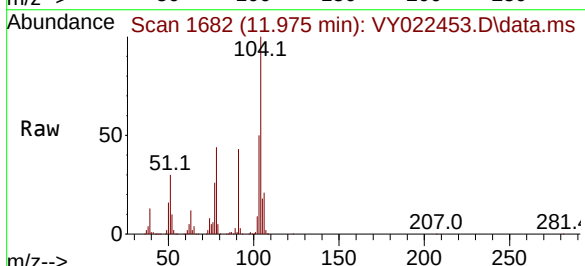
Tgt Ion:104 Resp: 386668

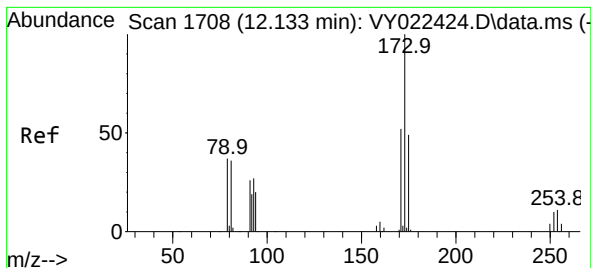
Ion Ratio Lower Upper

104 100

78 48.4 38.8 58.2

103 54.6 43.4 65.2





#71

Bromoform

Concen: 50.779 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

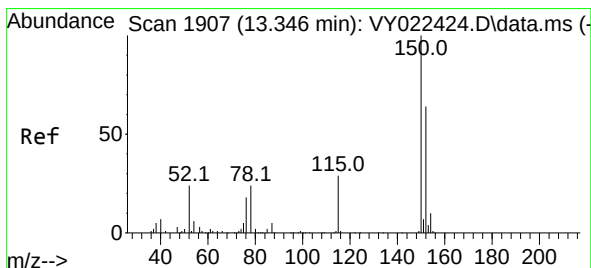
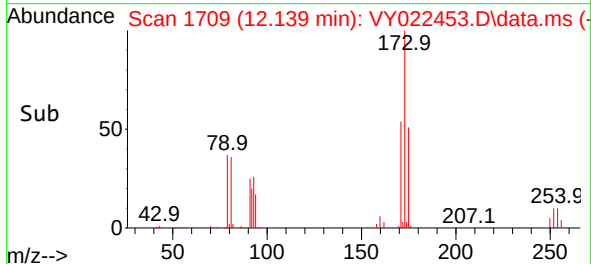
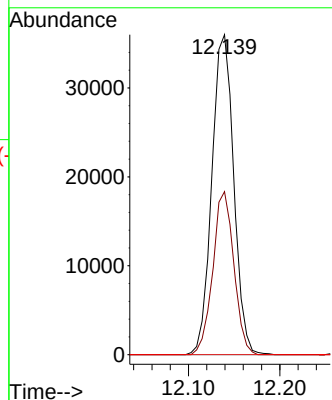
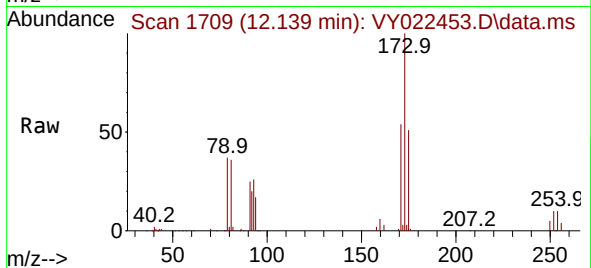
Tgt Ion:173 Resp: 59931

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

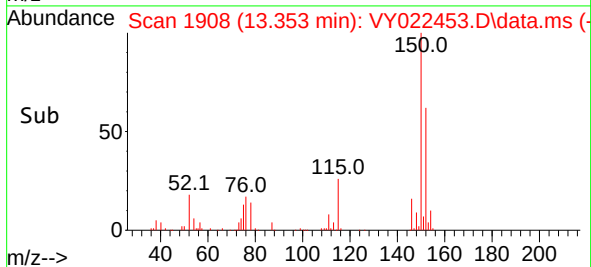
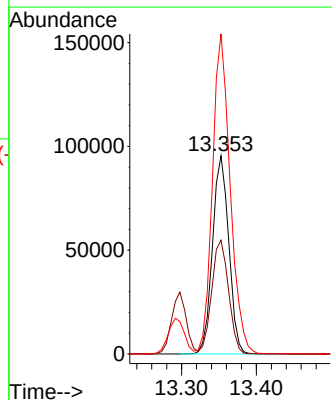
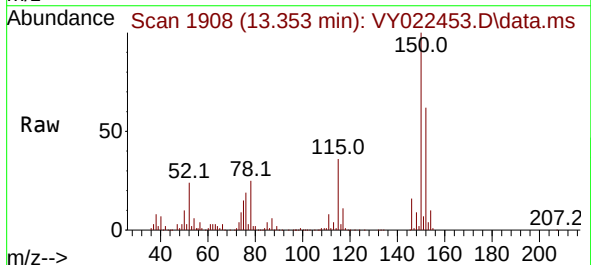
Tgt Ion:152 Resp: 144539

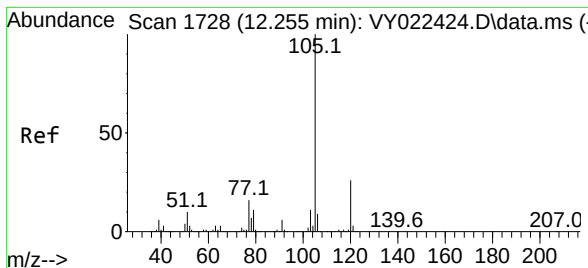
Ion Ratio Lower Upper

152 100

115 59.2 28.4 85.3

150 175.6 0.0 345.8





#73

Isopropylbenzene

Concen: 52.527 ug/l

RT: 12.261 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

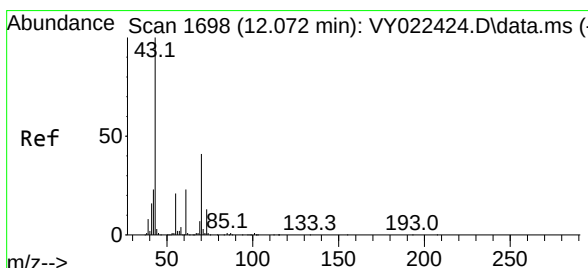
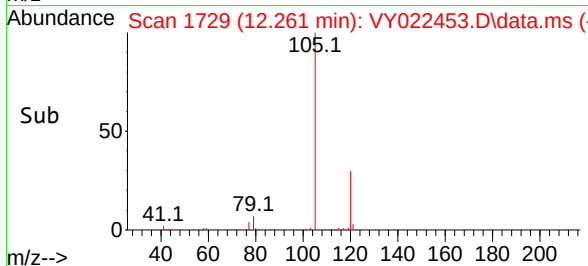
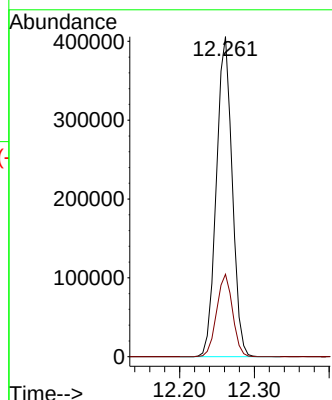
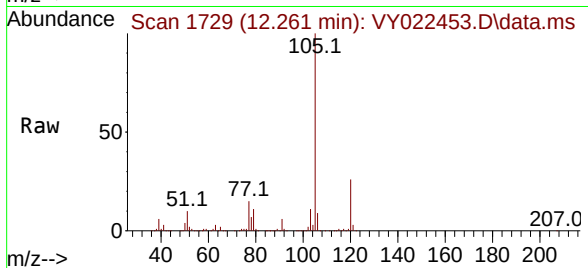
VSTDCCC050

Tgt Ion:105 Resp: 597529

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 52.730 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Tgt Ion: 43 Resp: 146777

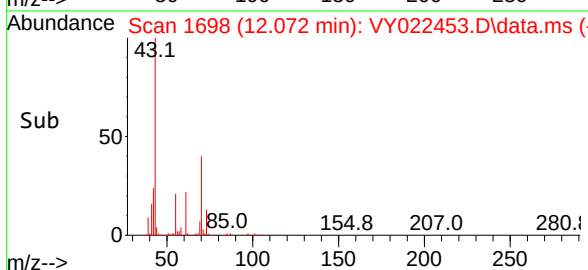
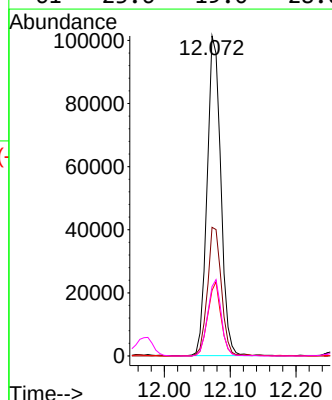
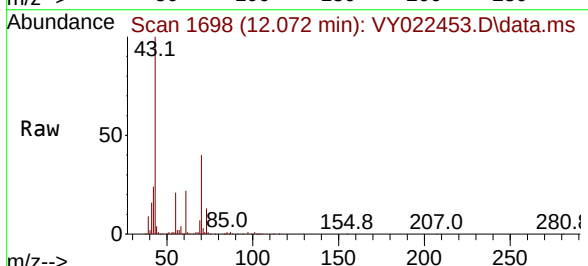
Ion Ratio Lower Upper

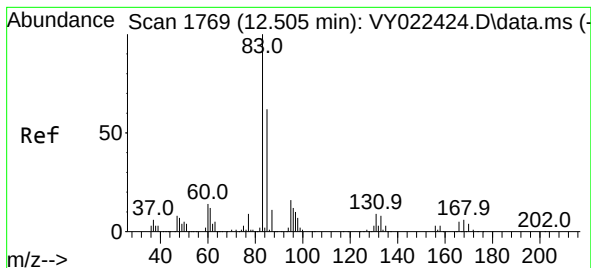
43 100

70 40.9 33.0 49.4

55 22.4 17.5 26.3

61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.179 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

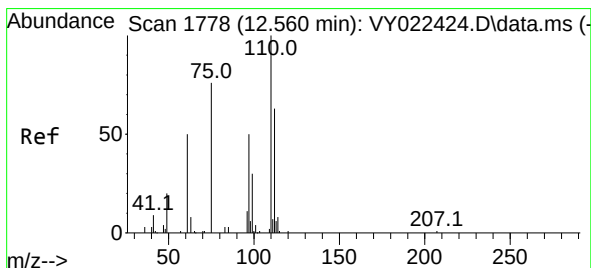
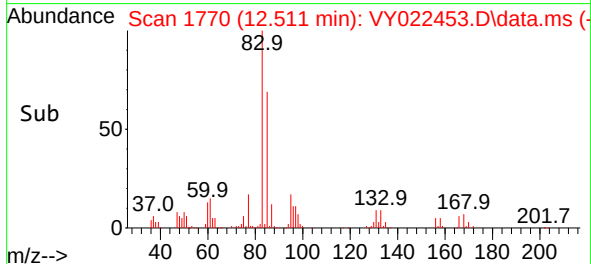
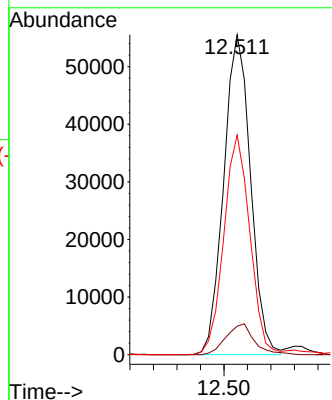
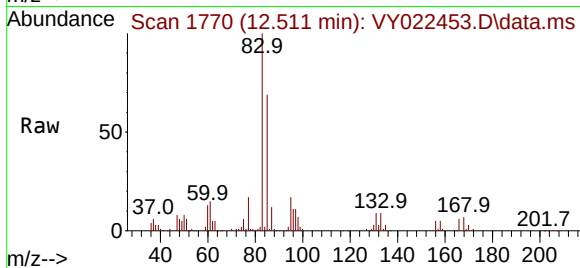
Tgt Ion: 83 Resp: 88143

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.4

85 67.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 91.740 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022453.D

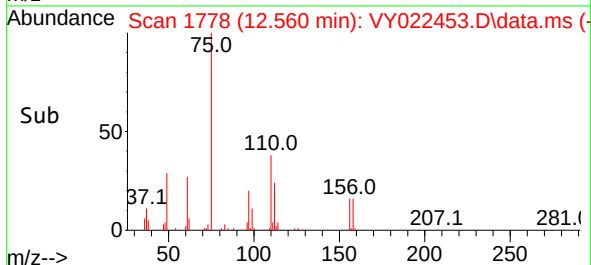
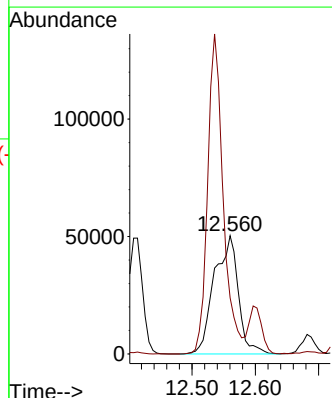
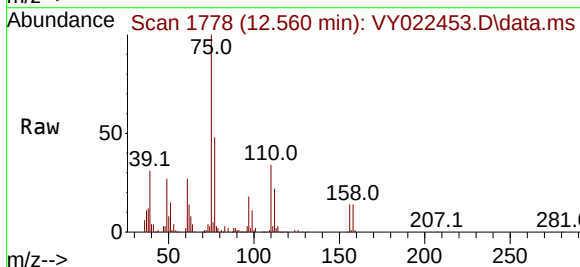
Acq: 29 May 2025 08:23

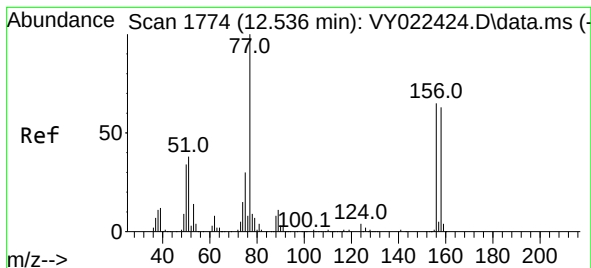
Tgt Ion: 75 Resp: 132821

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.142 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

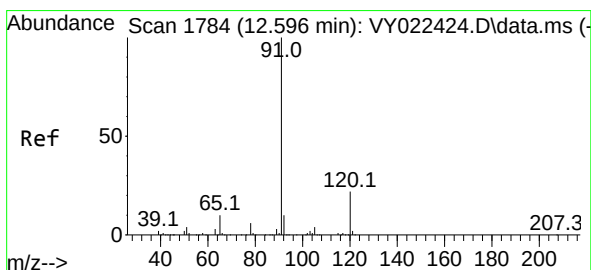
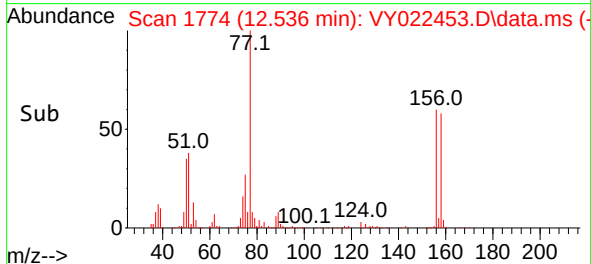
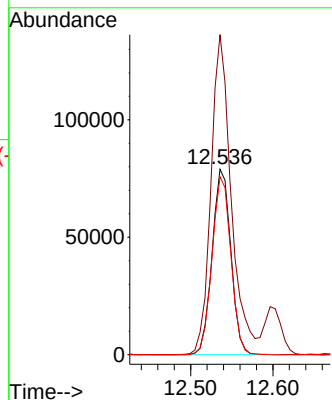
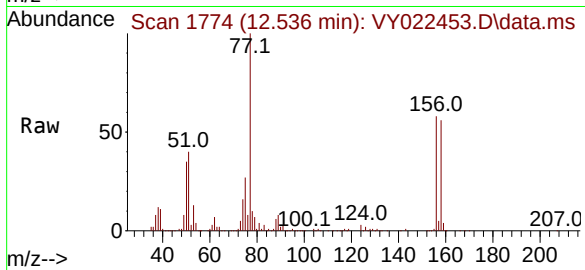
Tgt Ion:156 Resp: 125196

Ion Ratio Lower Upper

156 100

77 186.0 91.4 274.2

158 96.4 48.1 144.3



#78

n-propylbenzene

Concen: 53.216 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022453.D

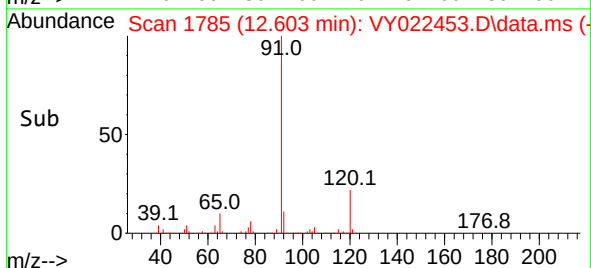
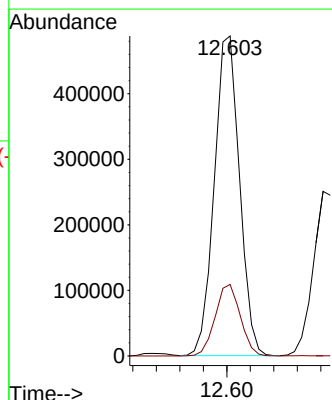
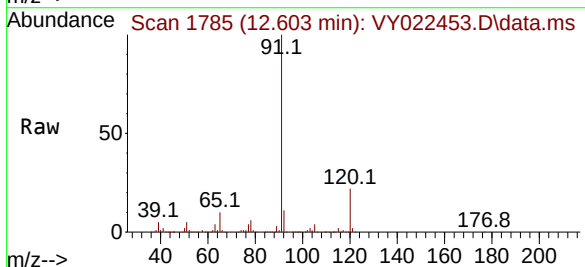
Acq: 29 May 2025 08:23

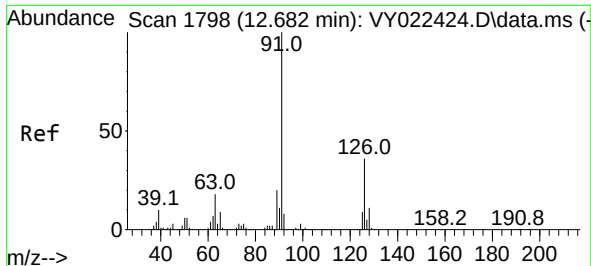
Tgt Ion: 91 Resp: 726495

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

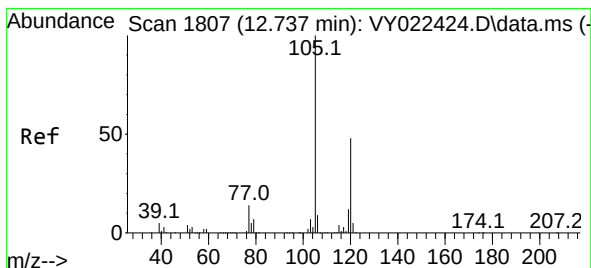
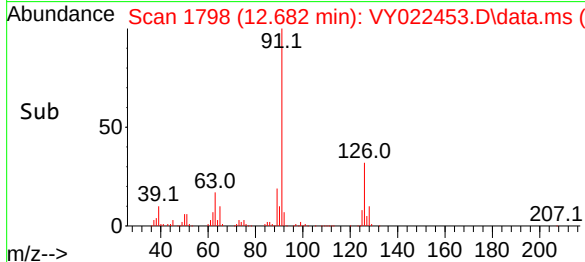
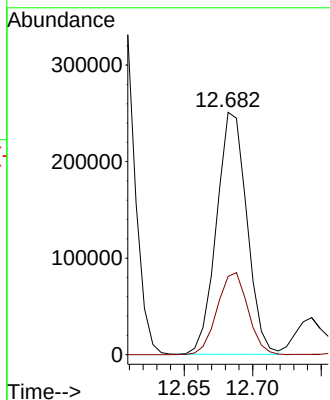
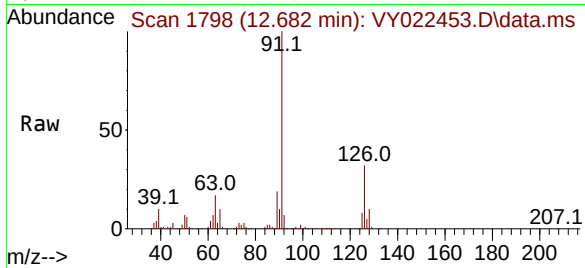




#79
2-Chlorotoluene
Concen: 52.357 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

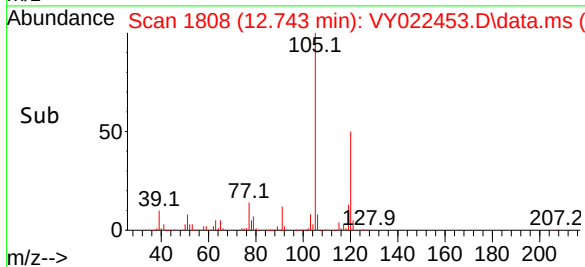
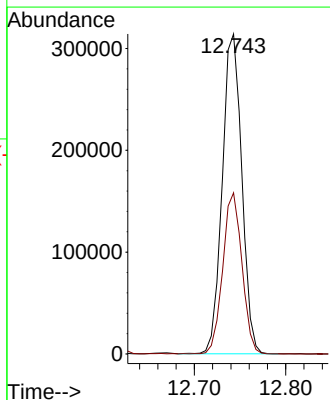
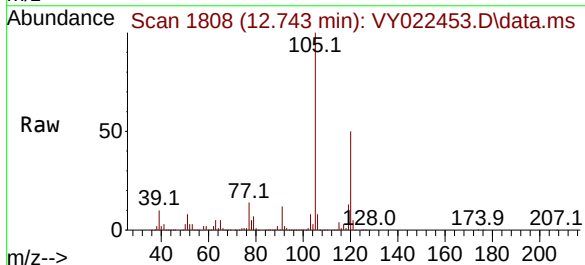
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

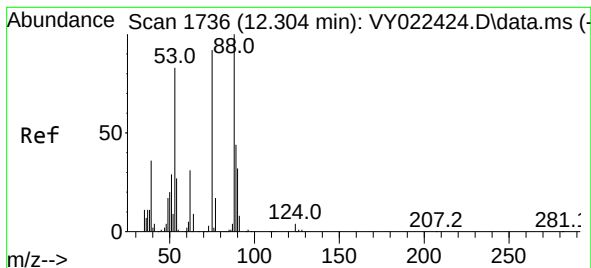
Tgt Ion: 91 Resp: 386917
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.483 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 105 Resp: 466486
Ion Ratio Lower Upper
105 100
120 49.6 24.3 73.0

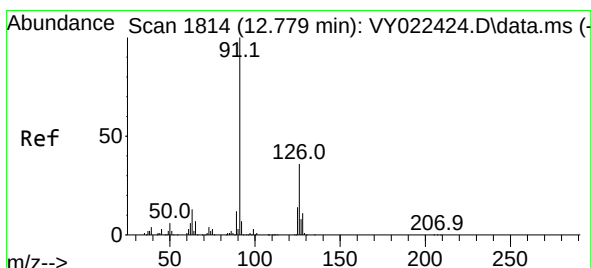
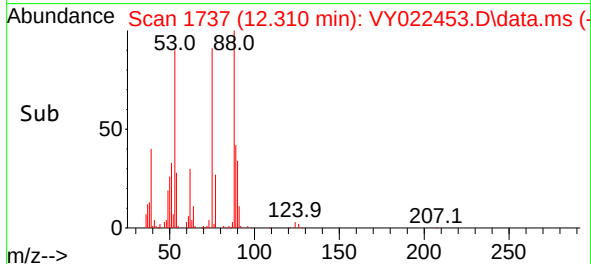
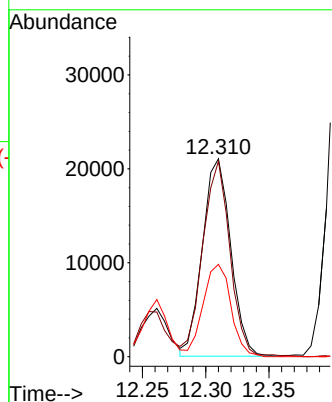
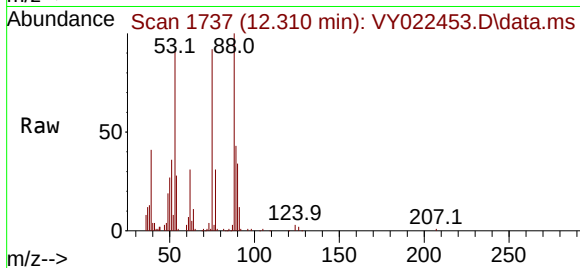




#81
trans-1,4-Dichloro-2-butene
Concen: 51.193 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

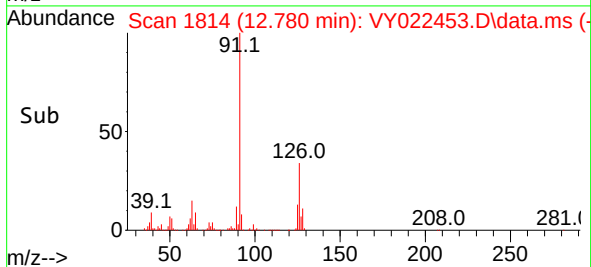
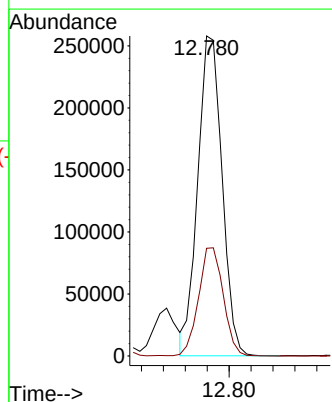
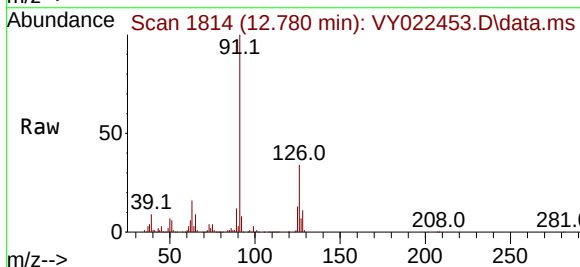
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

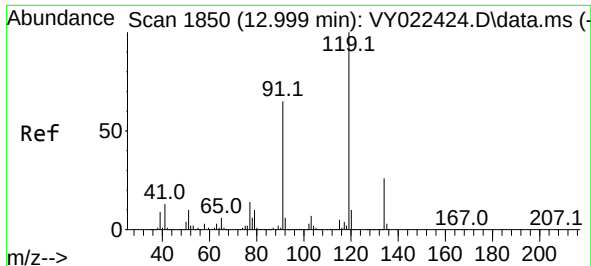
Tgt Ion: 75 Resp: 32774
Ion Ratio Lower Upper
75 100
53 95.2 75.1 112.7
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.262 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 91 Resp: 397764
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

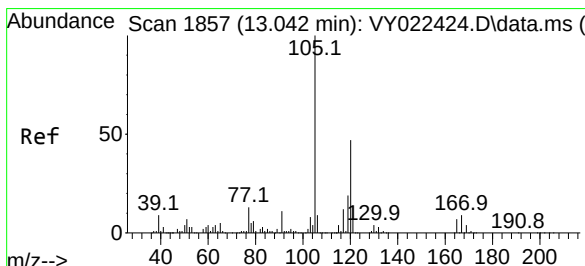
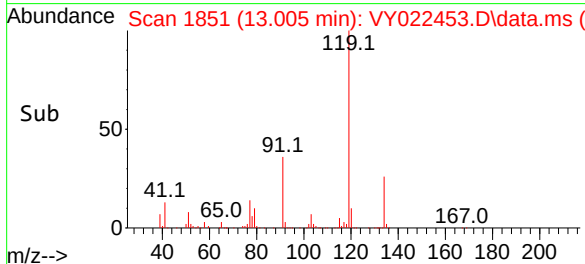
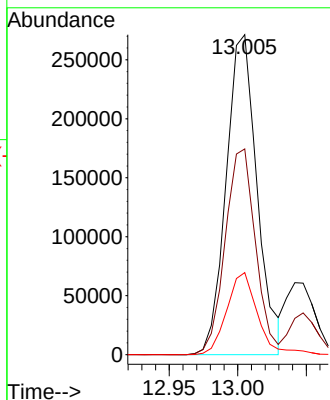
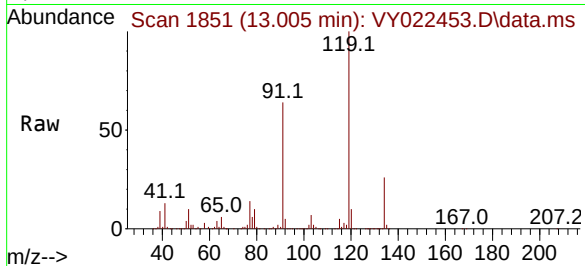




#83
tert-Butylbenzene
Concen: 53.068 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

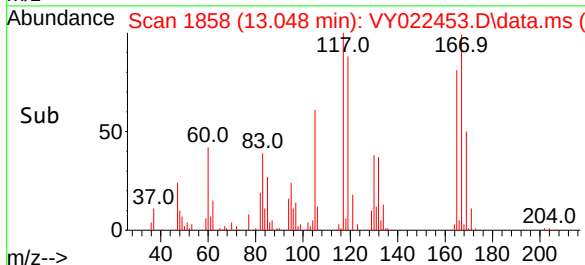
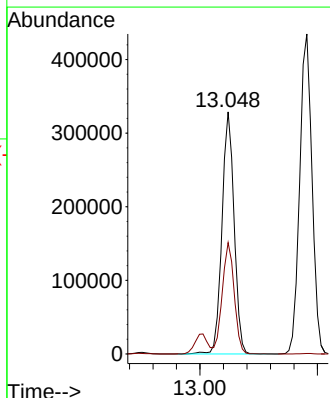
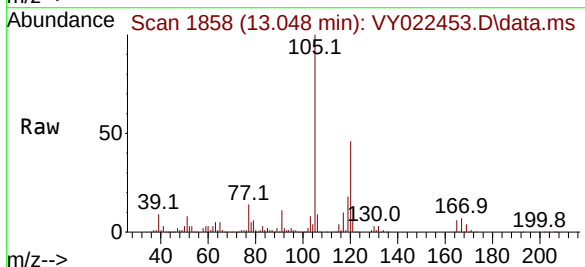
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

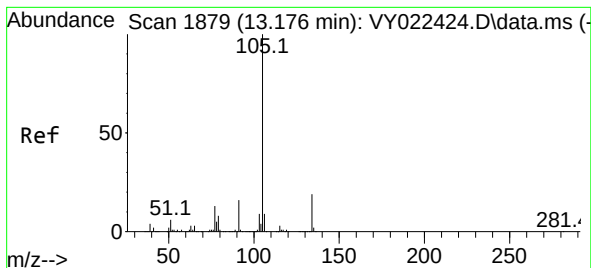
Tgt Ion:119 Resp: 426168
Ion Ratio Lower Upper
119 100
91 63.2 31.8 95.3
134 25.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.724 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:105 Resp: 471592
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 53.014 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

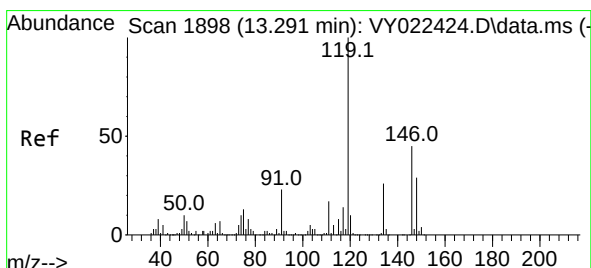
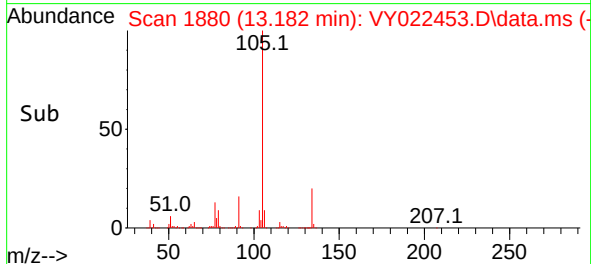
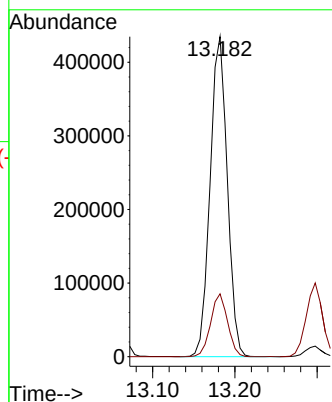
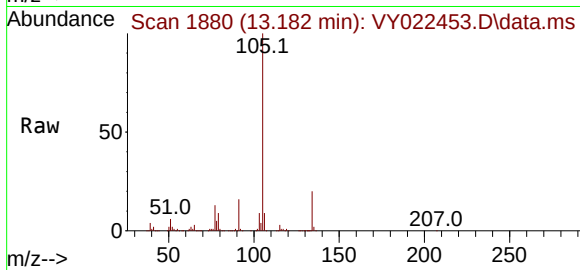
VSTDCCC050

Tgt Ion:105 Resp: 631375

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 52.981 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

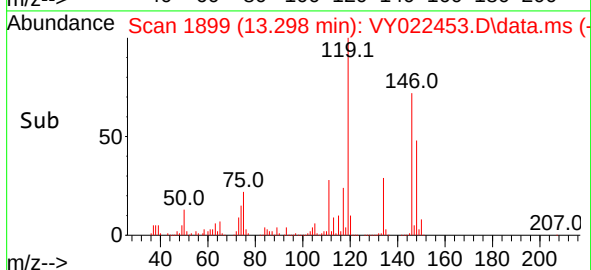
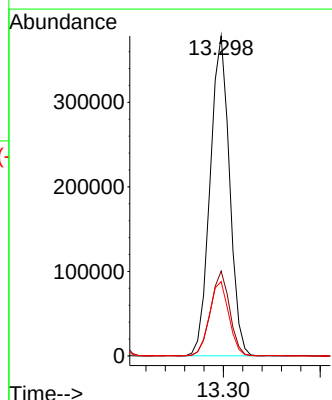
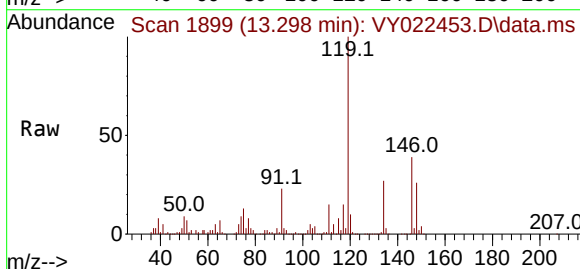
Tgt Ion:119 Resp: 526903

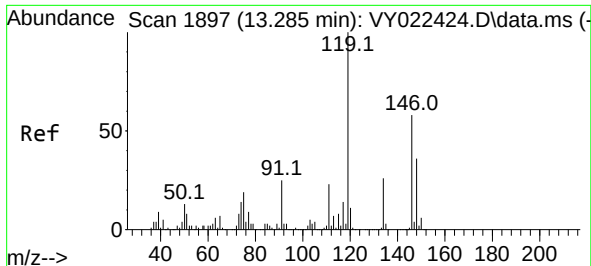
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 23.3 11.6 34.8

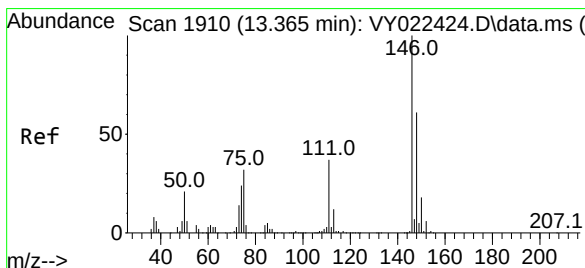
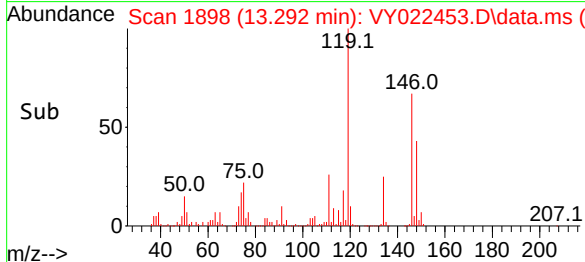
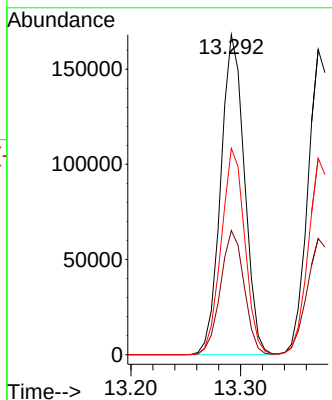
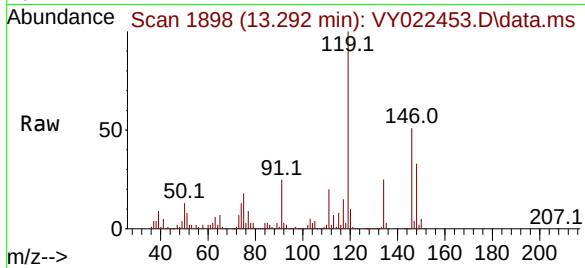




#87
1,3-Dichlorobenzene
Concen: 51.269 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

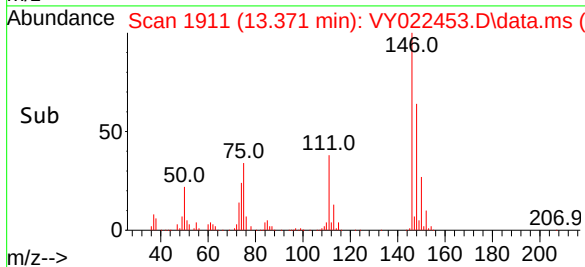
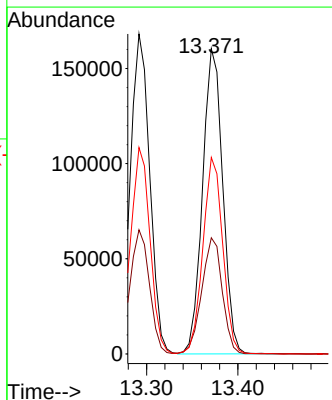
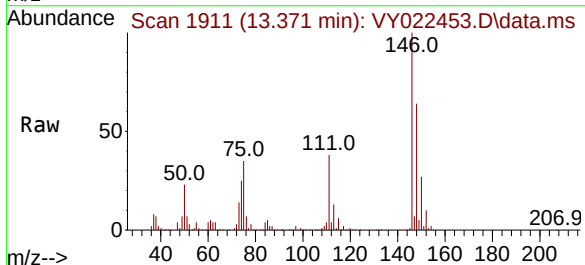
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

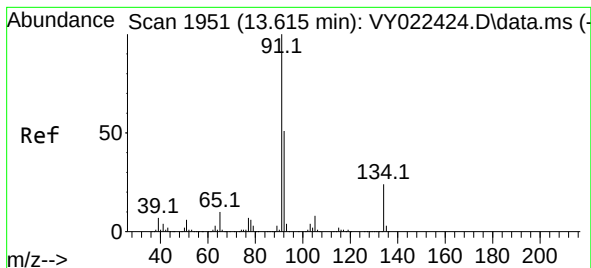
Tgt Ion:146 Resp: 252533
Ion Ratio Lower Upper
146 100
111 38.7 19.6 58.8
148 64.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 52.077 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion:146 Resp: 245269
Ion Ratio Lower Upper
146 100
111 38.9 18.7 56.1
148 63.3 31.4 94.3





#89

n-Butylbenzene

Concen: 53.553 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

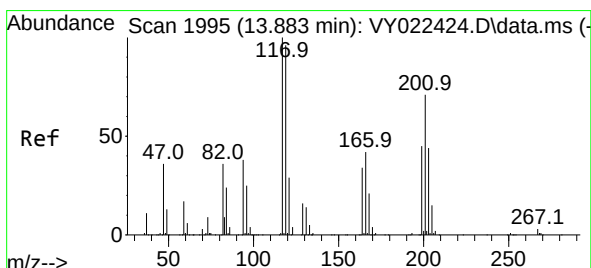
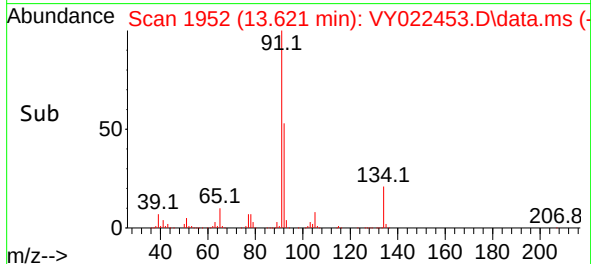
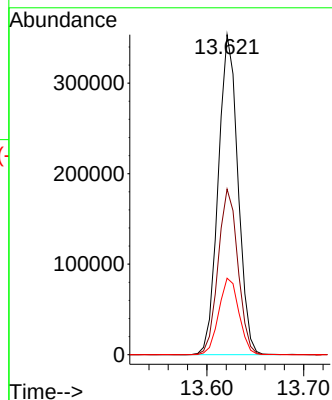
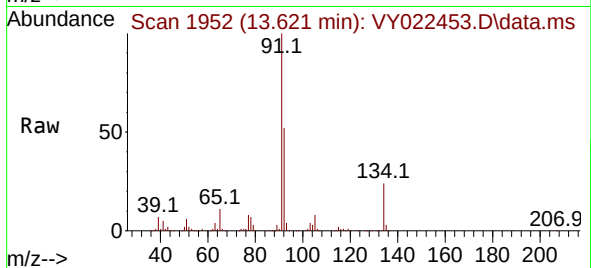
Tgt Ion: 91 Resp: 499367

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.6

134 24.5 12.4 37.0



#90

Hexachloroethane

Concen: 52.707 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022453.D

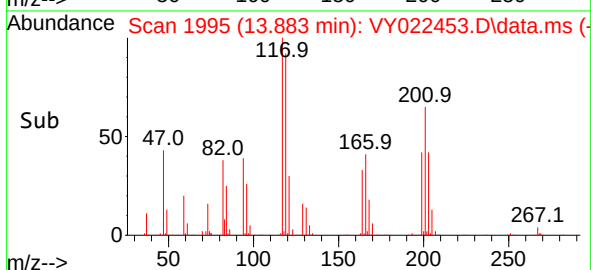
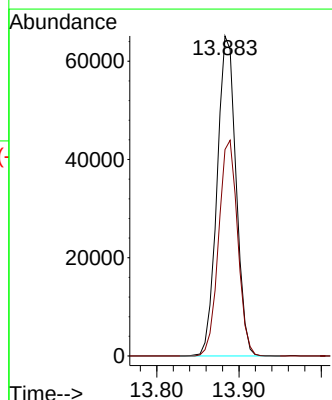
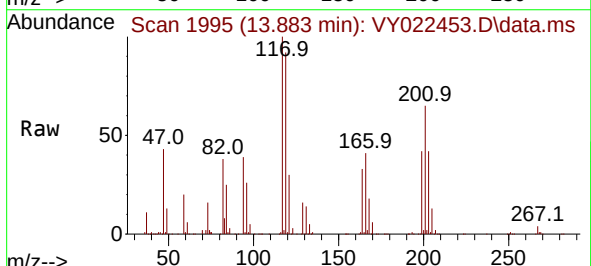
Acq: 29 May 2025 08:23

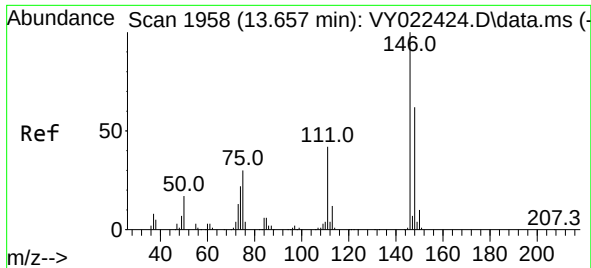
Tgt Ion: 117 Resp: 104310

Ion Ratio Lower Upper

117 100

201 67.7 35.0 105.0

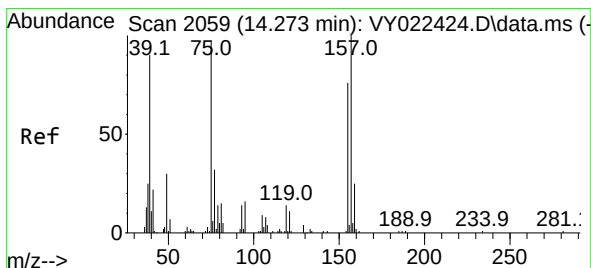
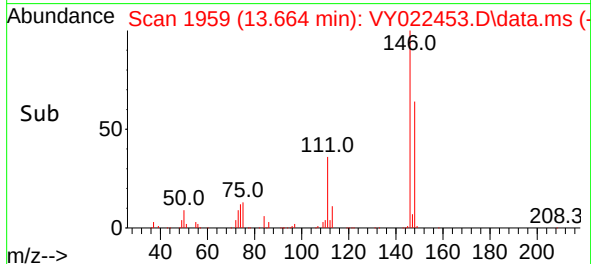
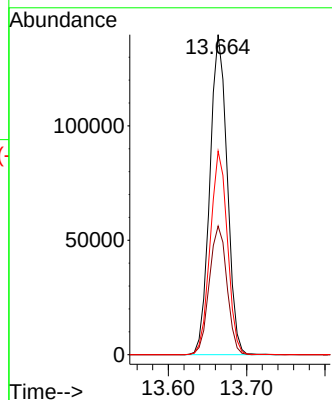
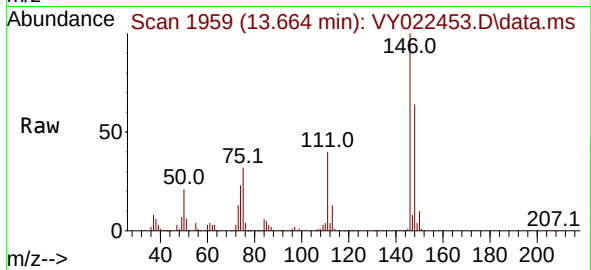




#91
1,2-Dichlorobenzene
Concen: 52.156 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

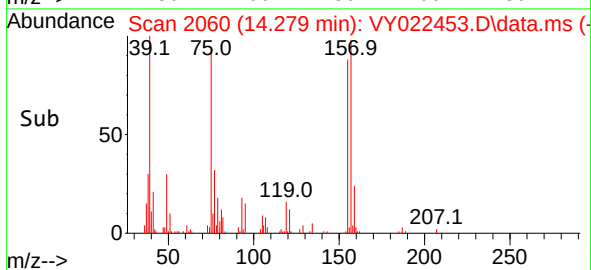
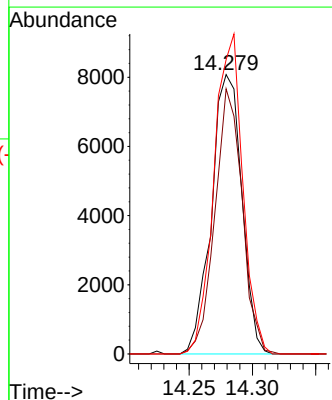
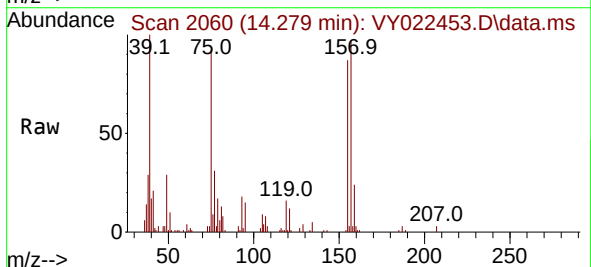
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

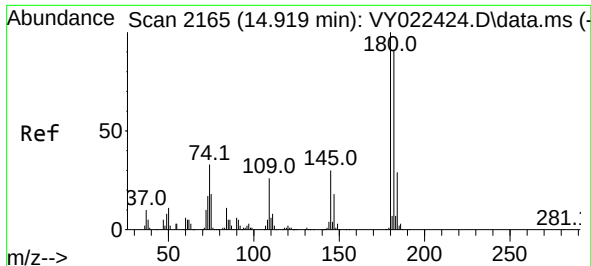
Tgt Ion:146 Resp: 214576
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 63.2 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.716 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022453.D
Acq: 29 May 2025 08:23

Tgt Ion: 75 Resp: 13492
Ion Ratio Lower Upper
75 100
155 85.2 42.3 126.8
157 107.7 54.4 163.3

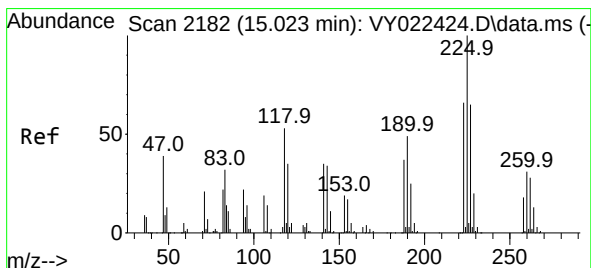
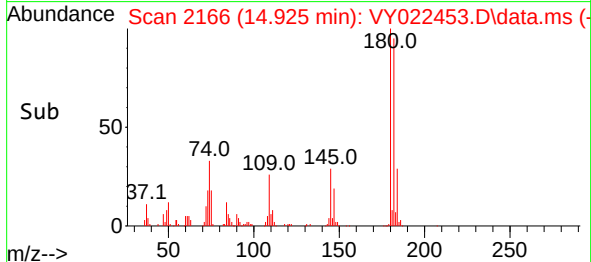
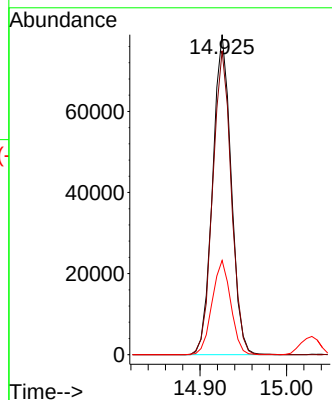
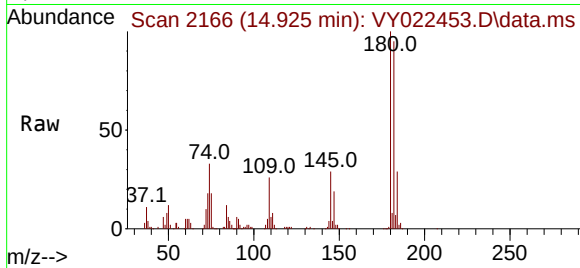




#93
 1,2,4-Trichlorobenzene
 Concen: 51.370 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

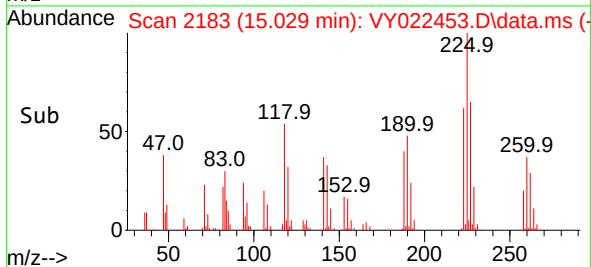
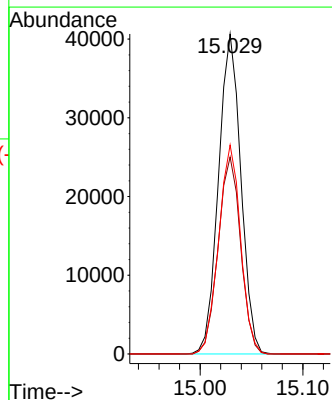
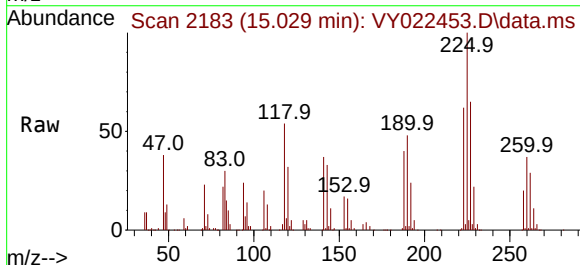
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

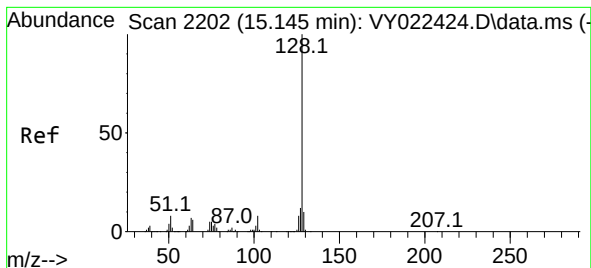
Tgt Ion:180 Resp: 117166
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.2 138.6
 145 29.6 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 51.258 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY022453.D
 Acq: 29 May 2025 08:23

Tgt Ion:225 Resp: 61354
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.6 97.7
 227 64.2 33.0 99.0





#95

Naphthalene

Concen: 51.987 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

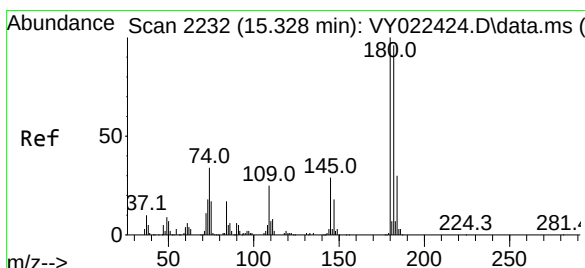
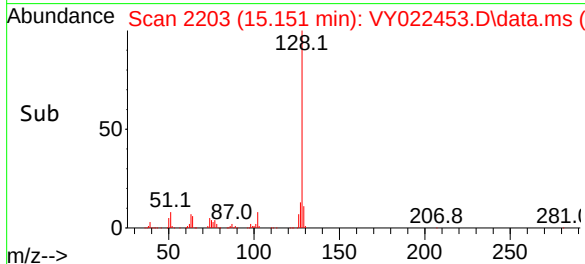
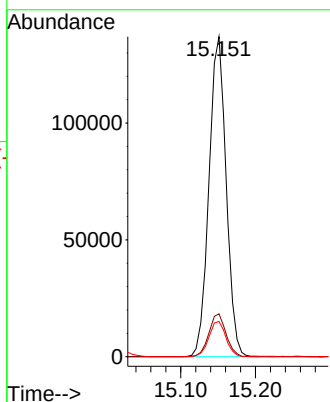
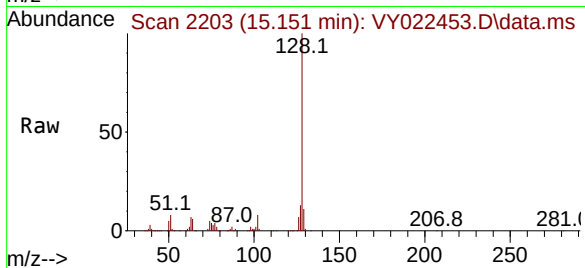
Tgt Ion:128 Resp: 219204

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.456 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022453.D

Acq: 29 May 2025 08:23

Tgt Ion:180 Resp: 98121

Ion Ratio Lower Upper

180 100

182 94.6 48.1 144.3

145 30.7 14.9 44.5

