

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022424.D
 Acq On : 27 May 2025 09:59
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 28 15:24:19 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	7.713	168	251462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	421648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	359387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	170568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	133722	50.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.980%	
35) Dibromofluoromethane	7.640	113	122077	49.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.880%	
50) Toluene-d8	10.109	98	495900	49.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.408	95	149686	49.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.320%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	106455	44.373	ug/l	100
3) Chloromethane	2.068	50	300767	50.966	ug/l	100
4) Vinyl Chloride	2.202	62	365461	50.977	ug/l	100
5) Bromomethane	2.598	94	320598	49.210	ug/l	100
6) Chloroethane	2.739	64	255218	54.479	ug/l	100
7) Trichlorofluoromethane	3.056	101	300911	49.748	ug/l	100
8) Diethyl Ether	3.458	74	69604	49.906	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	130878	49.320	ug/l	100
10) Methyl Iodide	4.013	142	162763	54.366	ug/l	100
11) Tert butyl alcohol	4.884	59	44670	239.265	ug/l	100
12) 1,1-Dichloroethene	3.793	96	128456	48.757	ug/l	100
13) Acrolein	3.659	56	71175	254.433	ug/l	100
14) Allyl chloride	4.385	41	197586	49.856	ug/l	100
15) Acrylonitrile	5.067	53	140126	249.258	ug/l	100
16) Acetone	3.879	43	106570	244.853	ug/l	100
17) Carbon Disulfide	4.110	76	415611	49.433	ug/l	100
18) Methyl Acetate	4.397	43	77552	47.567	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	348604	49.839	ug/l	100
20) Methylene Chloride	4.622	84	137958	44.887	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	141011	49.026	ug/l	100
22) Diisopropyl ether	6.024	45	433997	49.618	ug/l	100
23) Vinyl Acetate	5.970	43	1262323	251.347	ug/l	100
24) 1,1-Dichloroethane	5.921	63	258190	49.955	ug/l	100
25) 2-Butanone	6.908	43	178390	246.104	ug/l	100
26) 2,2-Dichloropropane	6.890	77	231499	49.466	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	163879	49.217	ug/l	100
28) Bromochloromethane	7.250	49	110266	51.091	ug/l	100
29) Tetrahydrofuran	7.268	42	119564	247.328	ug/l	100
30) Chloroform	7.427	83	257981	50.655	ug/l	100
31) Cyclohexane	7.701	56	236092	46.340	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	229531	49.660	ug/l	100
36) 1,1-Dichloropropene	7.841	75	193888	49.482	ug/l	100
37) Ethyl Acetate	6.988	43	84159	50.538	ug/l	100
38) Carbon Tetrachloride	7.823	117	202994	49.731	ug/l	100
39) Methylcyclohexane	9.109	83	258994	49.724	ug/l	100
40) Benzene	8.085	78	586562	50.308	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	49236	48.714	ug/l	90
42) 1,2-Dichloroethane	8.164	62	155379	50.458	ug/l	100
43) Isopropyl Acetate	8.201	43	183642	50.467	ug/l	100
44) Trichloroethene	8.865	130	144611	50.172	ug/l	100
45) 1,2-Dichloropropane	9.146	63	136232	49.730	ug/l	100
46) Dibromomethane	9.231	93	76743	50.148	ug/l	100
47) Bromodichloromethane	9.426	83	195650	49.717	ug/l	100
48) Methyl methacrylate	9.225	41	84239	49.870	ug/l	100
49) 1,4-Dioxane	9.237	88	16708	988.479	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	460034	256.225	ug/l	100
52) Toluene	10.176	92	365833	50.235	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	182819	49.875	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	213990	49.683	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	96763	50.011	ug/l	100
56) Ethyl methacrylate	10.438	69	143409	51.650	ug/l	100
57) 1,3-Dichloropropane	10.719	76	170799	50.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	352804	254.955	ug/l	100
59) 2-Hexanone	10.761	43	305977	260.045	ug/l	100
60) Dibromochloromethane	10.914	129	127232	51.479	ug/l	100
61) 1,2-Dibromoethane	11.018	107	90642	51.221	ug/l	100
64) Tetrachloroethene	10.652	164	154172	50.371	ug/l	100
65) Chlorobenzene	11.444	112	383505	50.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	132697	51.108	ug/l	100
67) Ethyl Benzene	11.524	91	711551	50.007	ug/l	100
68) m/p-Xylenes	11.627	106	543665	100.776	ug/l	100
69) o-Xylene	11.956	106	254880	50.270	ug/l	100
70) Styrene	11.969	104	430304	50.969	ug/l	100
71) Bromoform	12.133	173	68851	50.626	ug/l	100
73) Isopropylbenzene	12.255	105	660245	49.183	ug/l	100
74) N-amyl acetate	12.072	43	170547	51.919	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	104852	49.575	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	149588	87.554	ug/l #	100
77) Bromobenzene	12.536	156	145109	50.230	ug/l	100
78) n-propylbenzene	12.596	91	803233	49.859	ug/l	100
79) 2-Chlorotoluene	12.682	91	429534	49.254	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	525186	50.070	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	36715	48.597	ug/l	100
82) 4-Chlorotoluene	12.779	91	446697	49.734	ug/l	100
83) tert-Butylbenzene	12.999	119	470027	49.598	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	531189	50.324	ug/l	100
85) sec-Butylbenzene	13.176	105	706452	50.266	ug/l	100
86) p-Isopropyltoluene	13.291	119	592083	50.450	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	289072	49.731	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	280006	50.380	ug/l	100
89) n-Butylbenzene	13.615	91	568088	51.626	ug/l	100
90) Hexachloroethane	13.883	117	117444	50.287	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	241569	49.756	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15930	48.741	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	141204	52.462	ug/l	100
94) Hexachlorobutadiene	15.023	225	72391	51.250	ug/l	100
95) Naphthalene	15.145	128	265056	53.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	116609	52.826	ug/l	100

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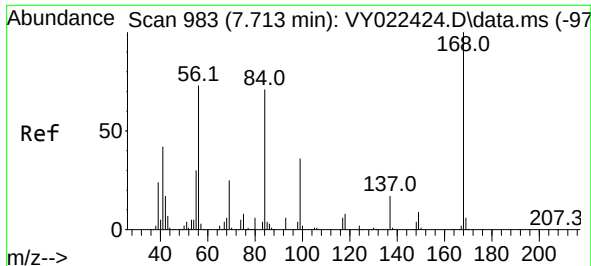
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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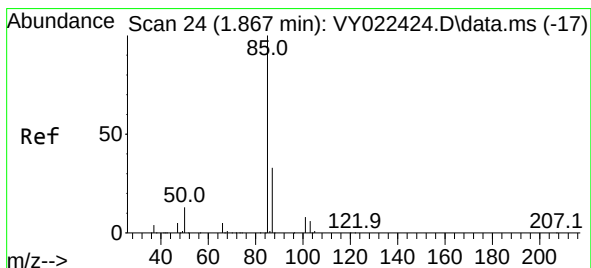
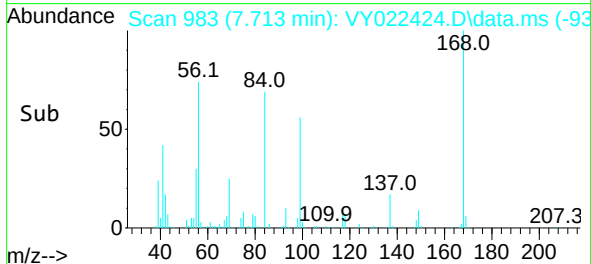
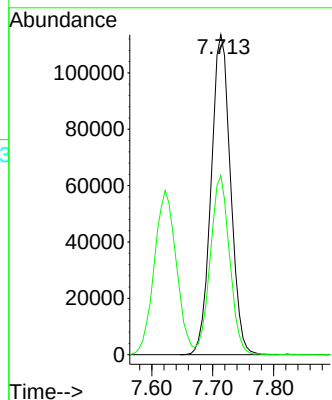
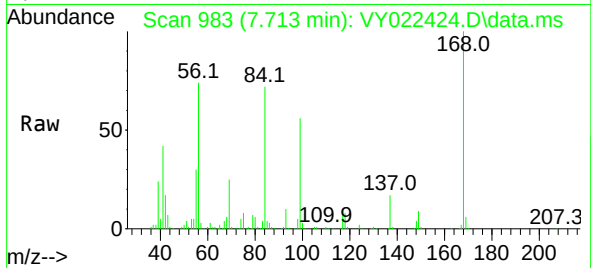




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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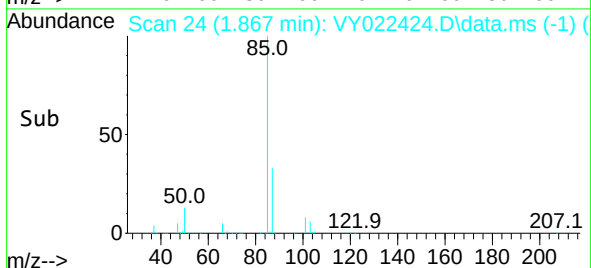
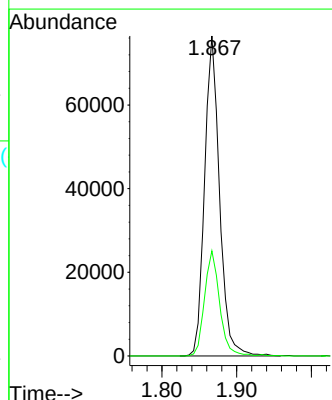
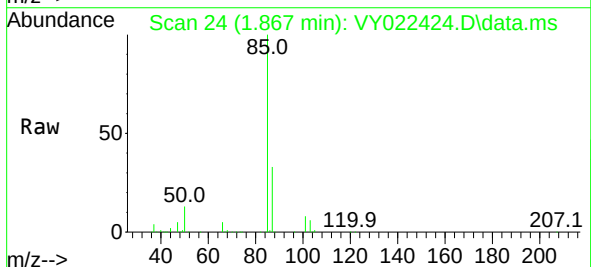
Instrument :
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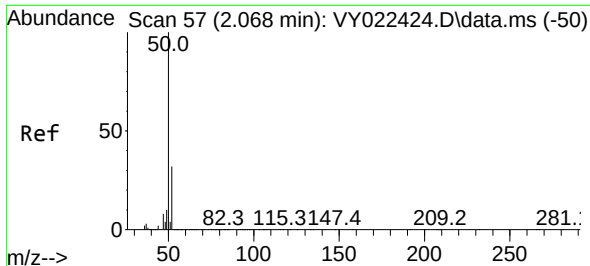
Tgt Ion:168 Resp: 251462
Ion Ratio Lower Upper
168 100
99 55.9 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 44.373 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 85 Resp: 106455
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2

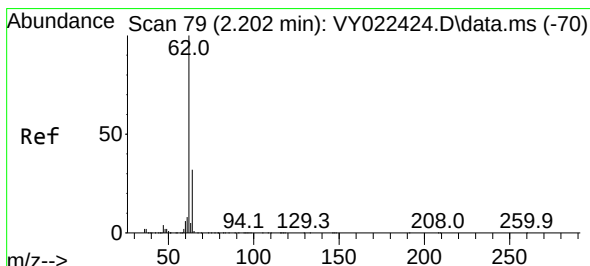
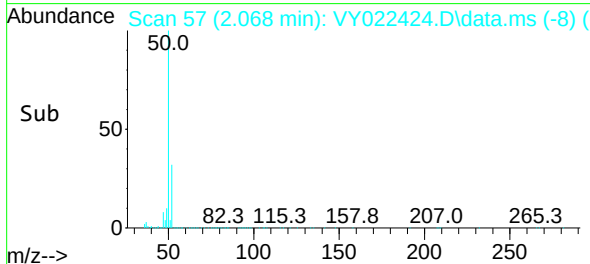
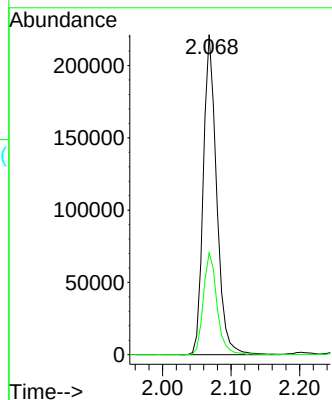
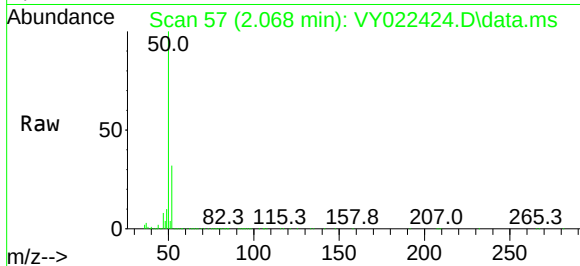




#3
Chloromethane
Concen: 50.966 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022424.D
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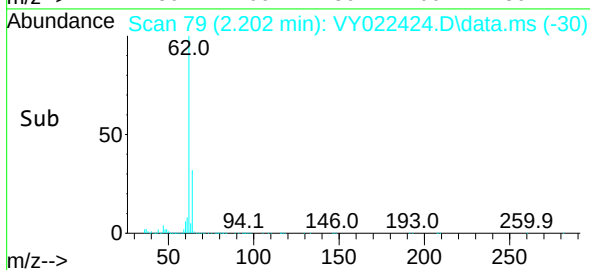
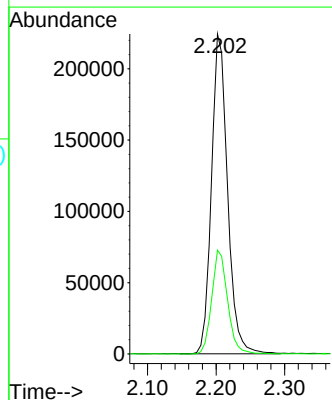
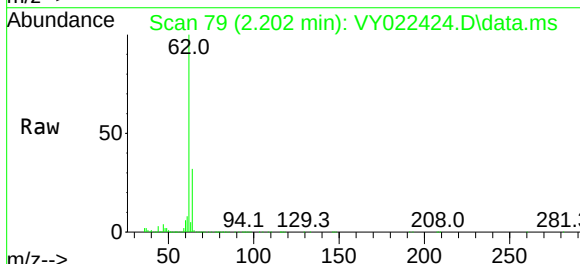
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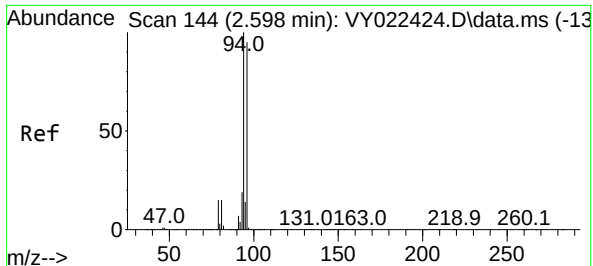
Tgt Ion: 50 Resp: 300767
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 50.977 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 62 Resp: 365461
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

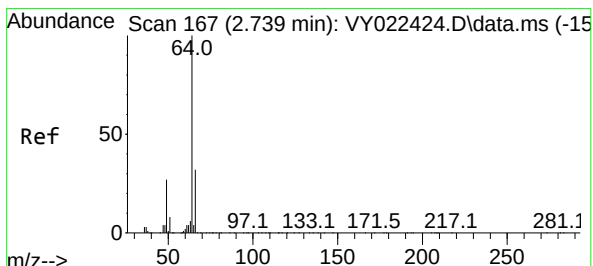
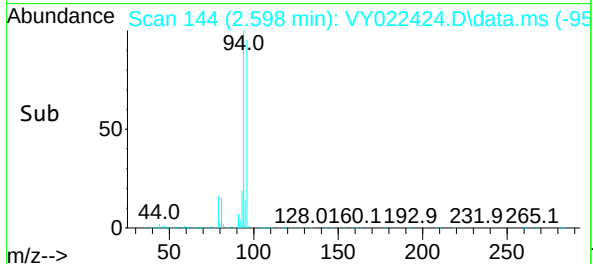
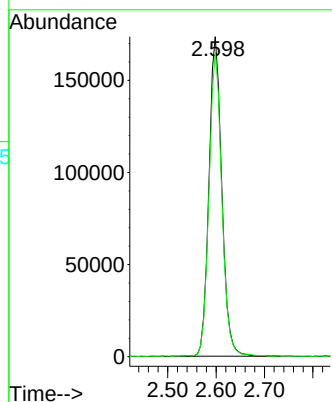
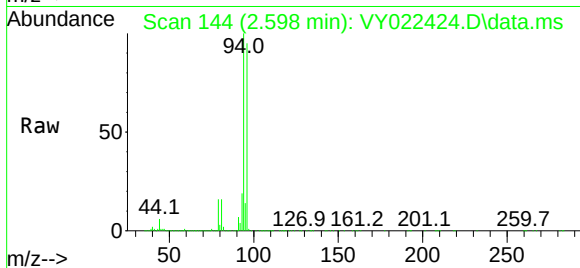




#5
Bromomethane
Concen: 49.210 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

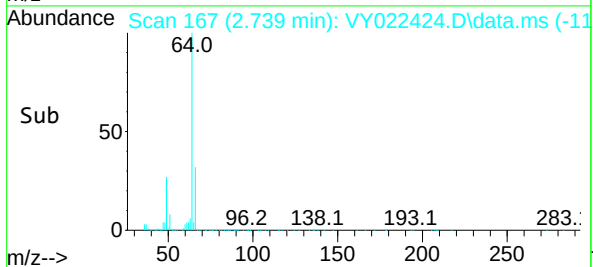
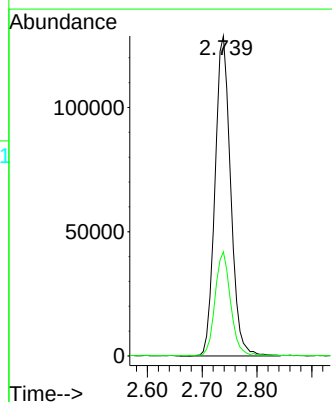
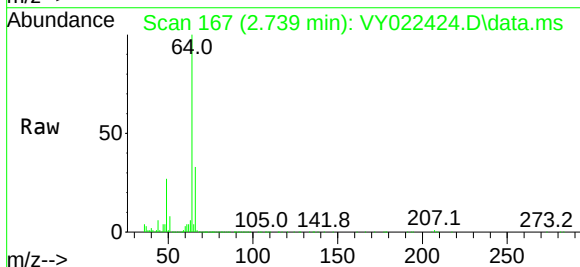
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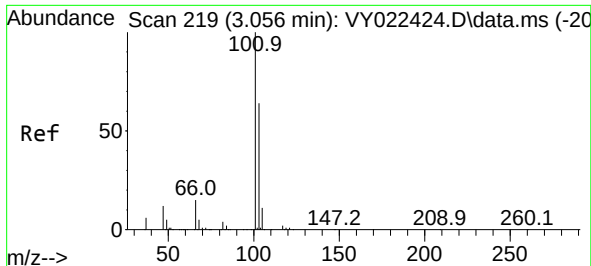
Tgt Ion: 94 Resp: 320598
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0



#6
Chloroethane
Concen: 54.479 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 64 Resp: 255218
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9

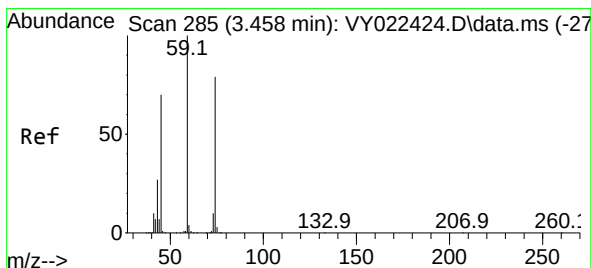
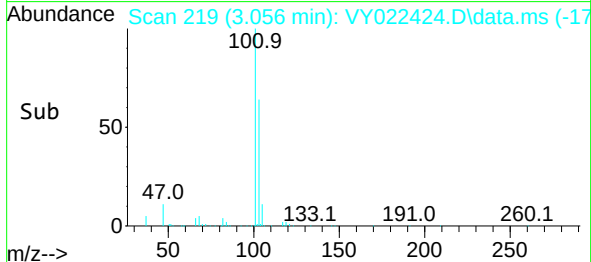
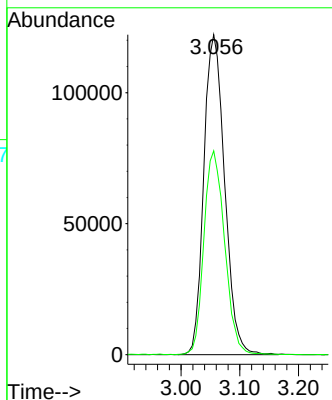
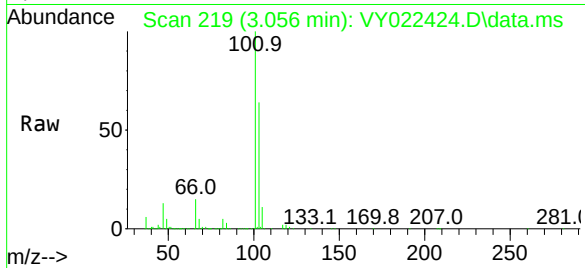




#7
 Trichlorofluoromethane
 Concen: 49.748 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

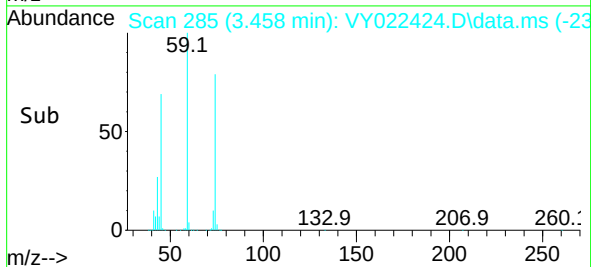
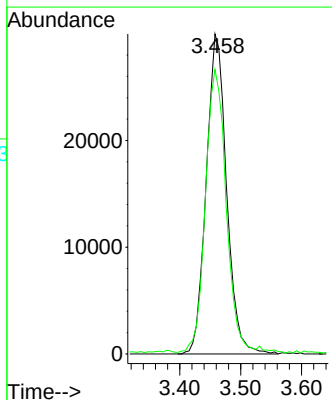
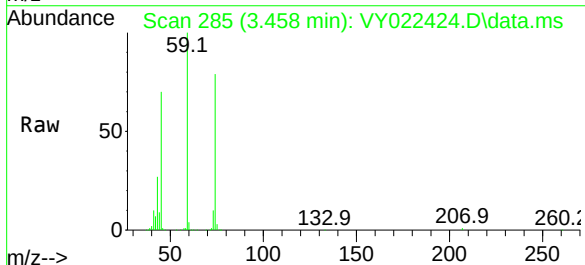
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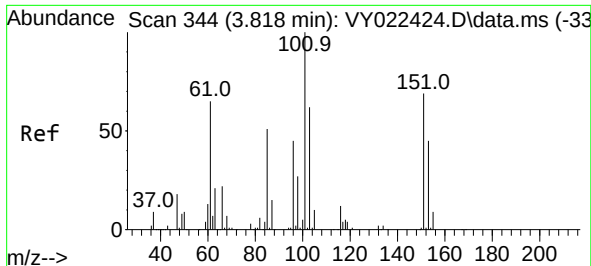
Tgt Ion:101 Resp: 300911
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3



#8
 Diethyl Ether
 Concen: 49.906 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022424.D
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Tgt Ion: 74 Resp: 69604
 Ion Ratio Lower Upper
 74 100
 45 89.7 44.9 134.5

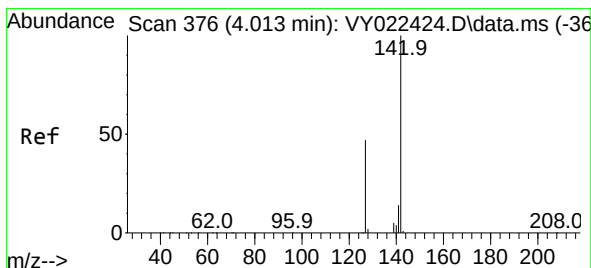
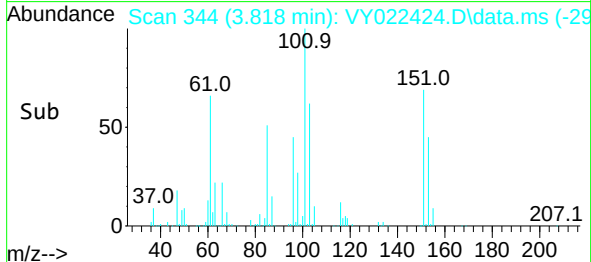
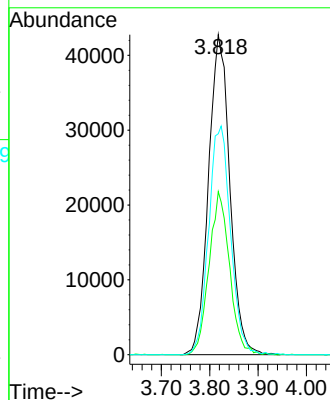
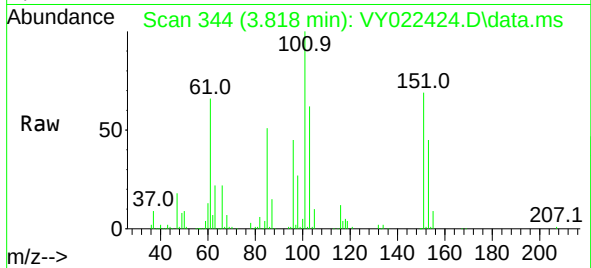




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.320 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022424.D
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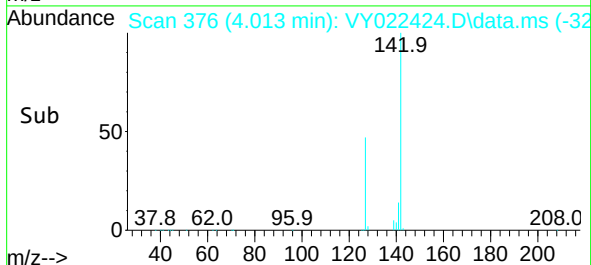
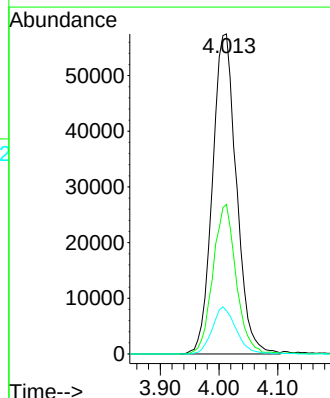
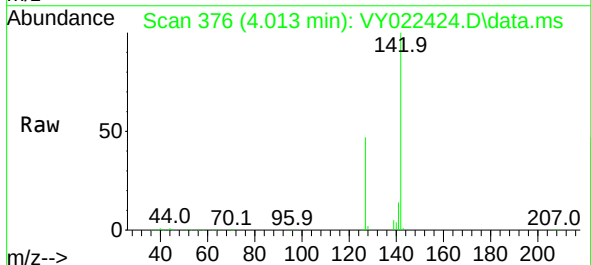
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

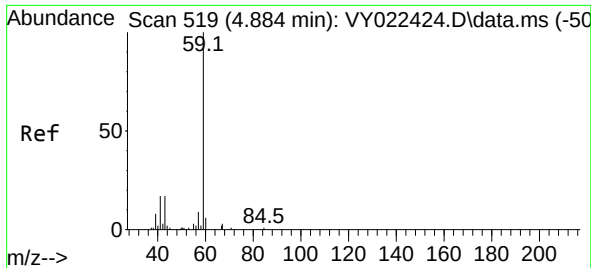
Tgt Ion:101 Resp: 130878
Ion Ratio Lower Upper
101 100
85 49.0 39.2 58.8
151 73.5 58.8 88.2



#10
Methyl Iodide
Concen: 54.366 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion:142 Resp: 162763
Ion Ratio Lower Upper
142 100
127 45.3 36.2 54.4
141 14.5 11.6 17.4

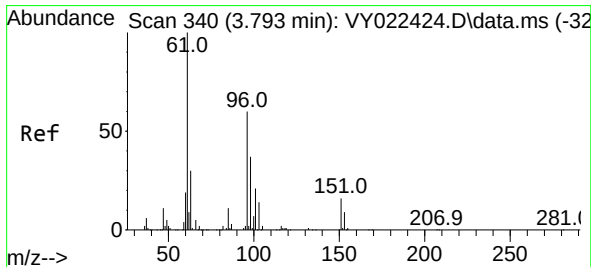
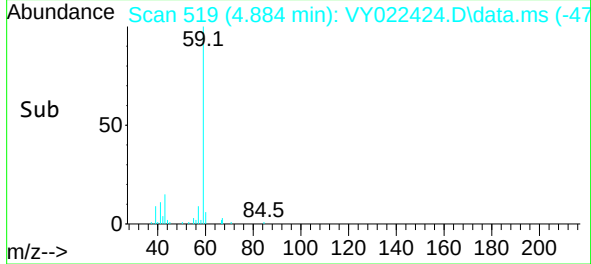
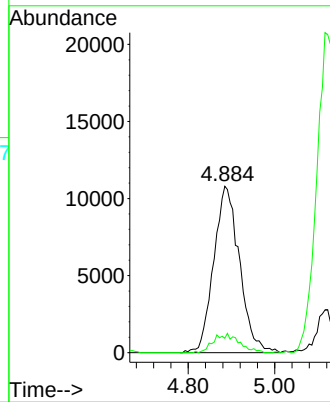
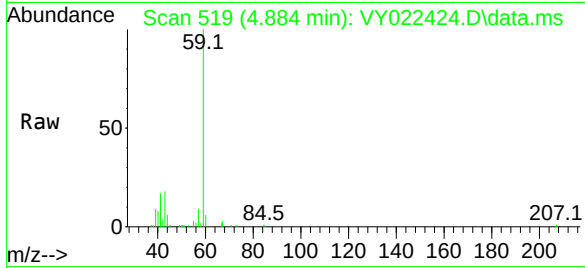




#11
Tert butyl alcohol
Concen: 239.265 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

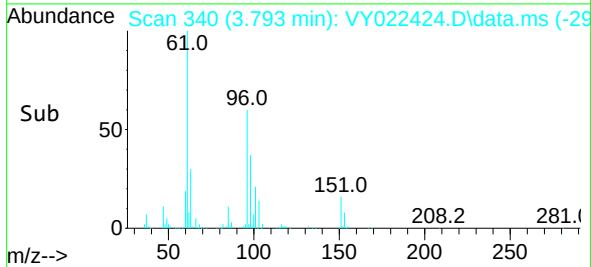
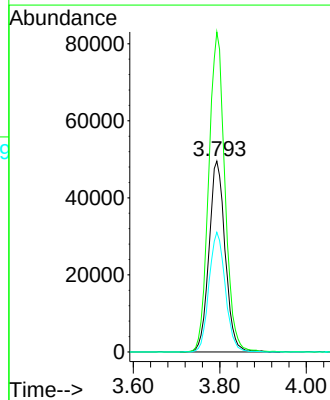
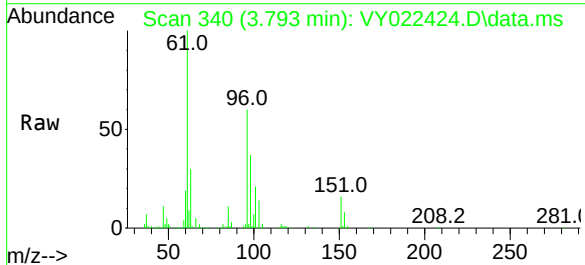
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

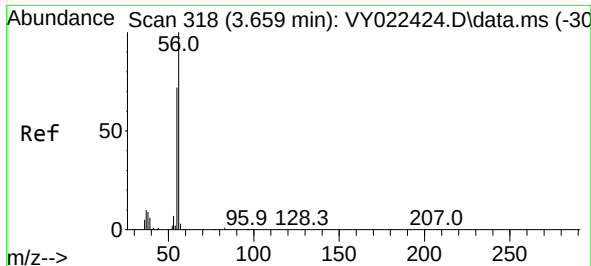
Tgt Ion: 59 Resp: 44670
Ion Ratio Lower Upper
59 100
57 11.4 9.1 13.7



#12
1,1-Dichloroethene
Concen: 48.757 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 96 Resp: 128456
Ion Ratio Lower Upper
96 100
61 167.6 134.1 201.1
98 62.7 50.2 75.2

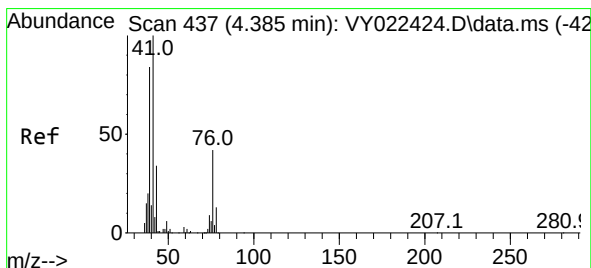
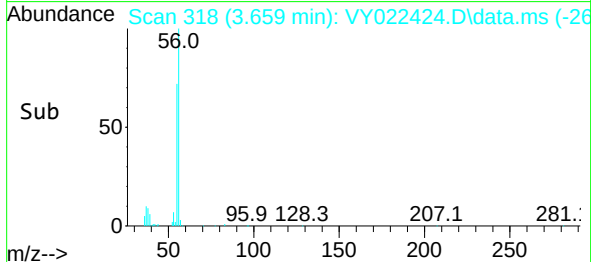
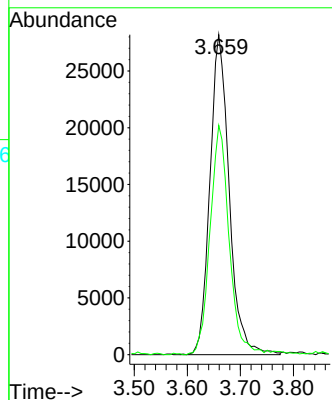
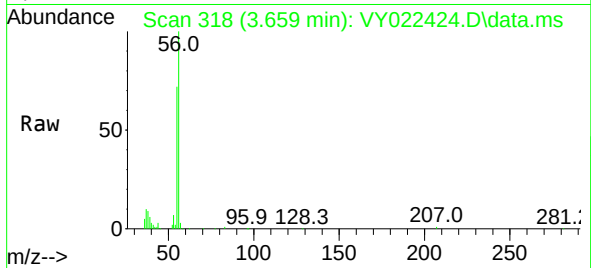




#13
Acrolein
Concen: 254.433 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

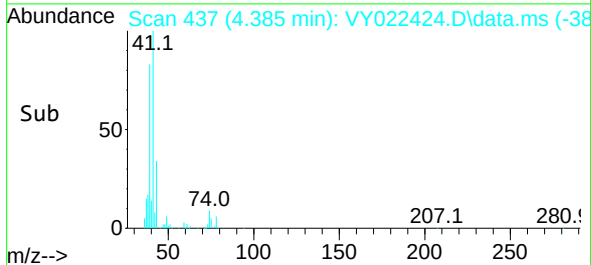
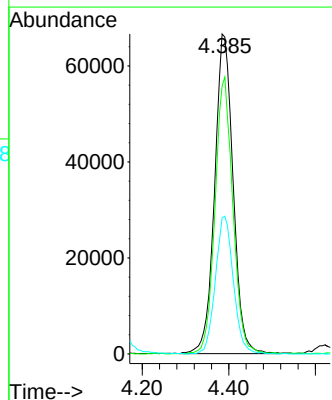
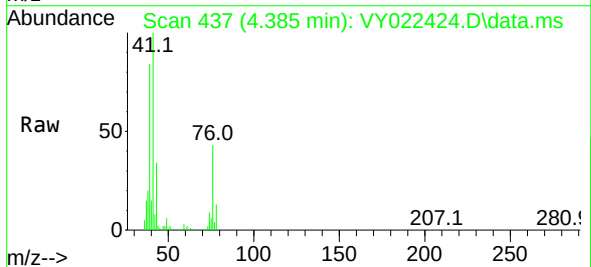
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

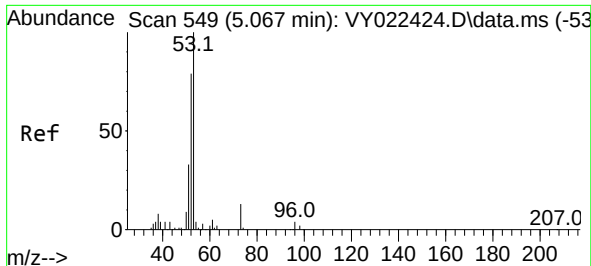
Tgt Ion: 56 Resp: 71175
Ion Ratio Lower Upper
56 100
55 70.6 56.5 84.7



#14
Allyl chloride
Concen: 49.856 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

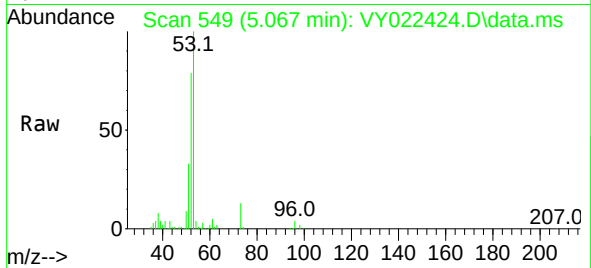
Tgt Ion: 41 Resp: 197586
Ion Ratio Lower Upper
41 100
39 83.3 66.6 100.0
76 42.1 33.7 50.5



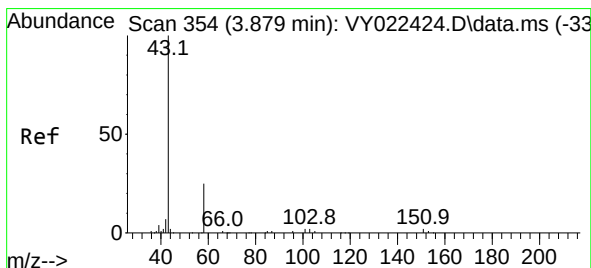
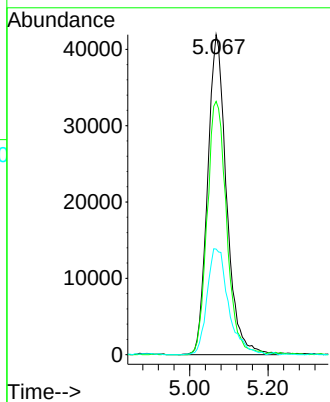
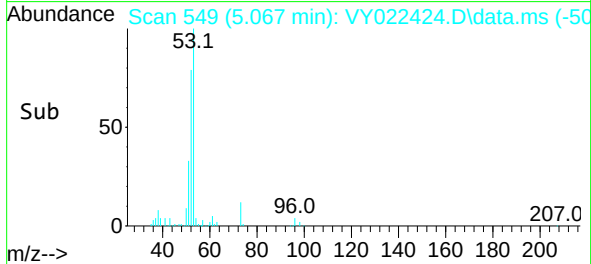


#15
Acrylonitrile
Concen: 249.258 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

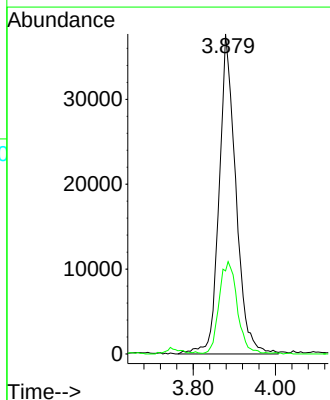
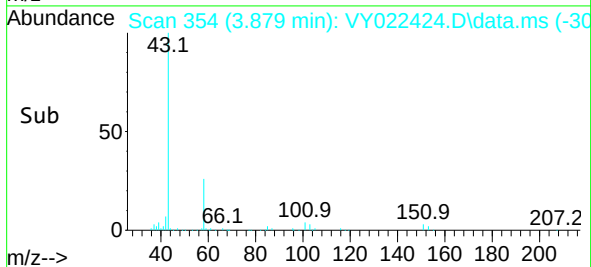
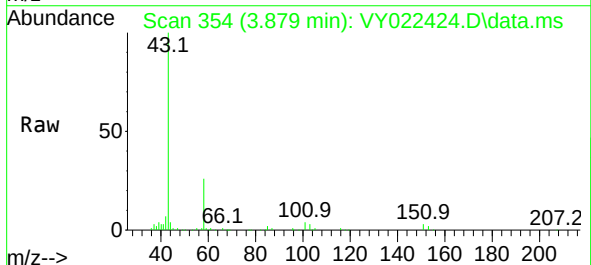


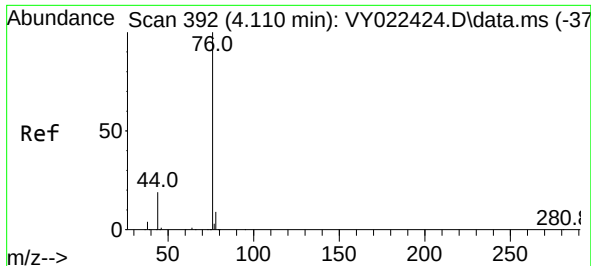
Tgt Ion: 53 Resp: 140126
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 37.5 30.0 45.0



#16
Acetone
Concen: 244.853 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 43 Resp: 106570
Ion Ratio Lower Upper
43 100
58 25.7 20.6 30.8

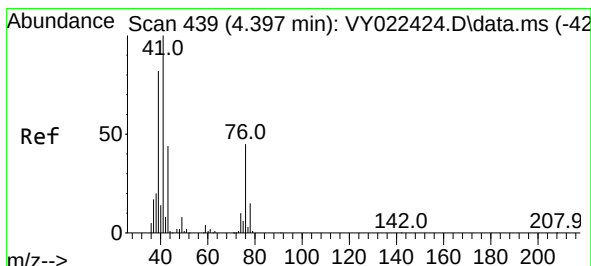
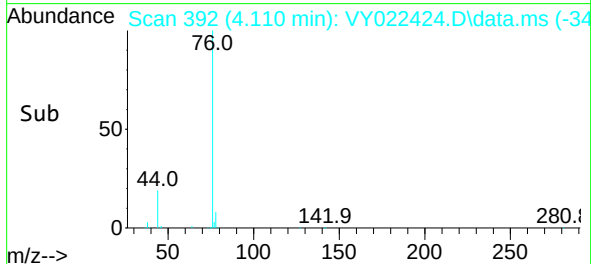
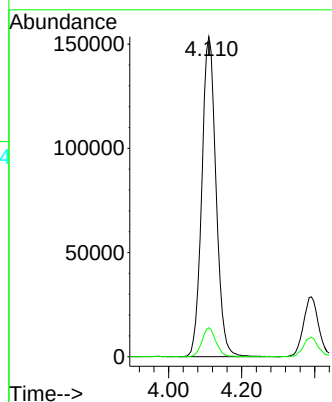
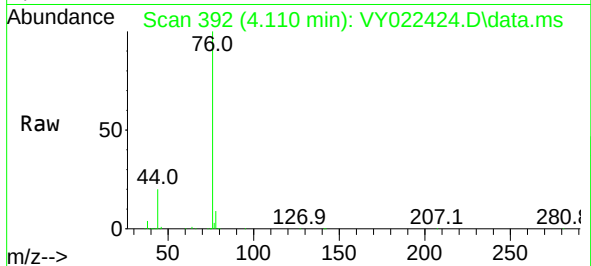




#17
Carbon Disulfide
Concen: 49.433 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

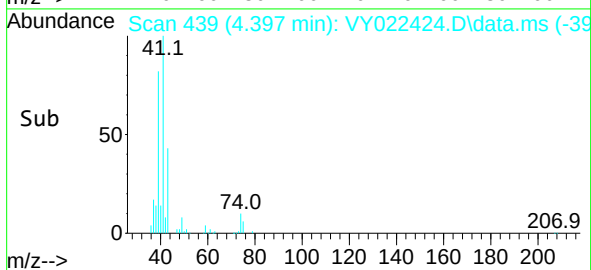
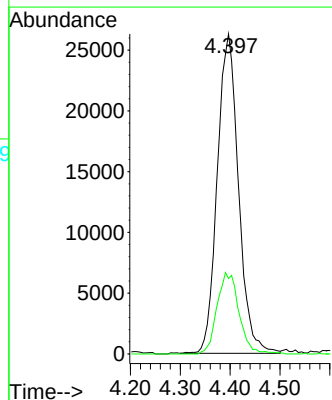
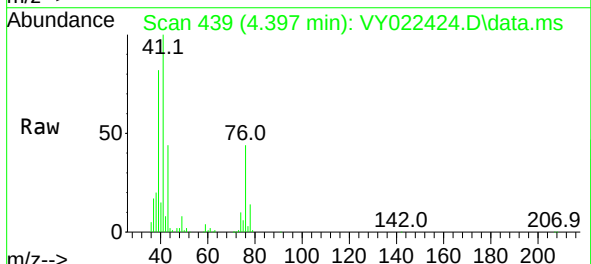
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

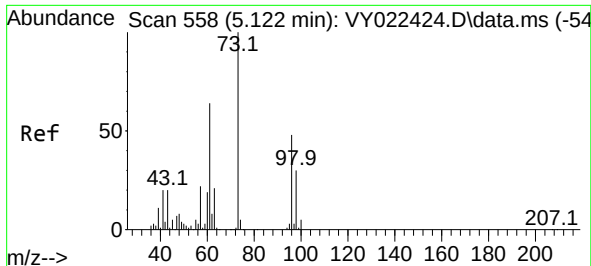
Tgt Ion: 76 Resp: 415611
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.567 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 43 Resp: 77552
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8

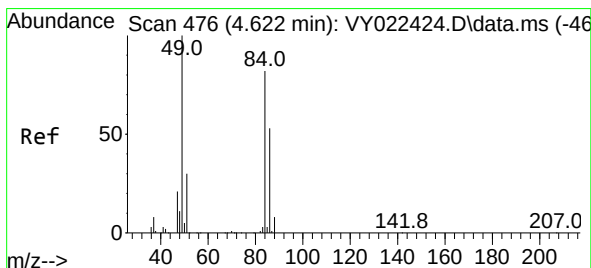
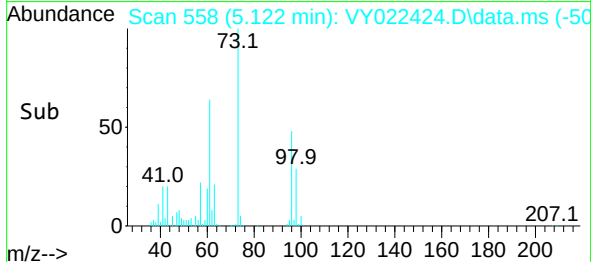
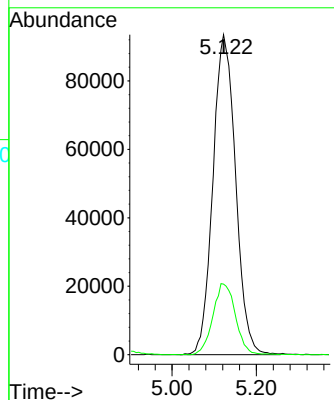
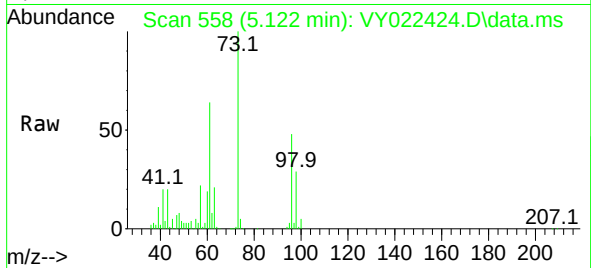




#19
Methyl tert-butyl Ether
Concen: 49.839 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

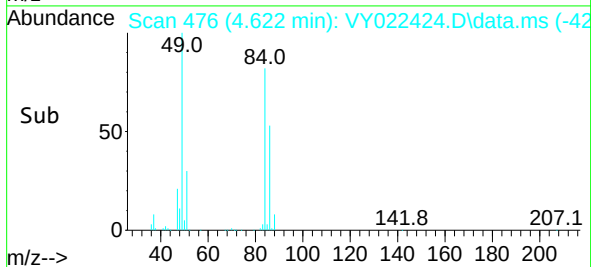
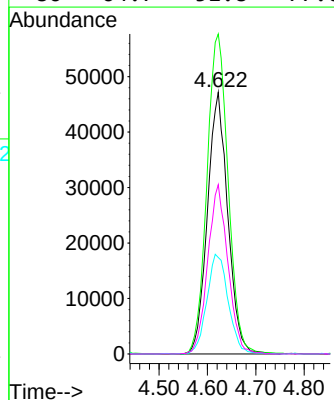
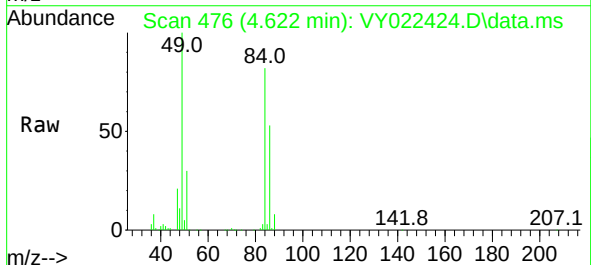
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

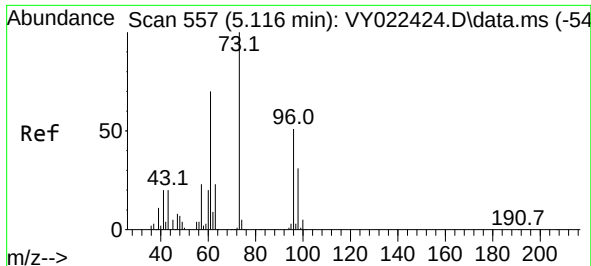
Tgt Ion: 73 Resp: 348604
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 44.887 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 84 Resp: 137958
Ion Ratio Lower Upper
84 100
49 122.3 97.8 146.8
51 36.9 29.5 44.3
86 64.7 51.8 77.6

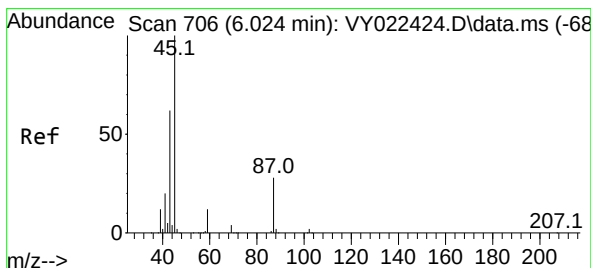
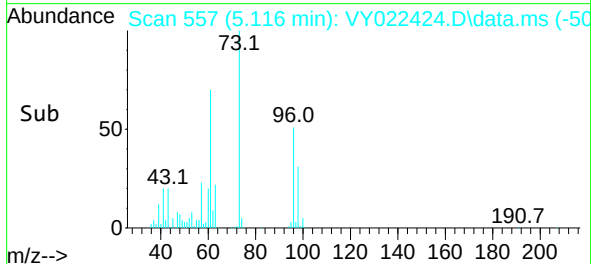
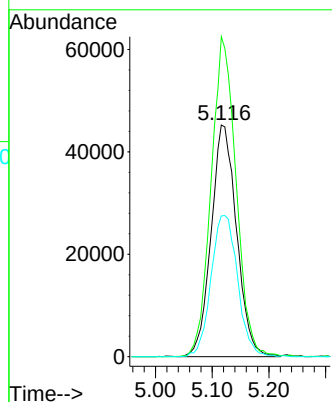
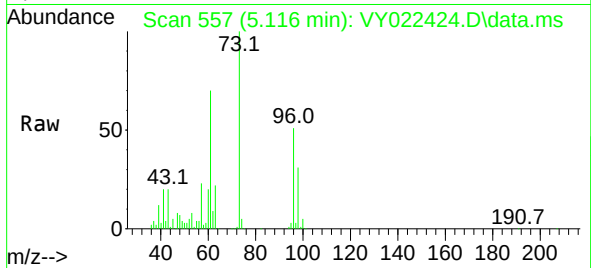




#21
trans-1,2-Dichloroethene
Concen: 49.026 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

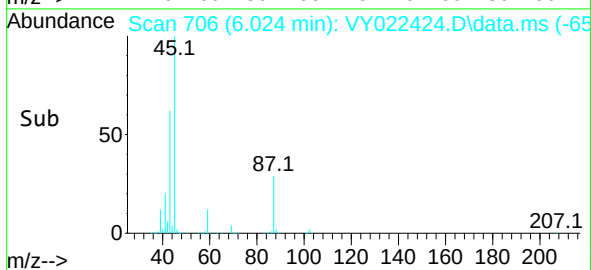
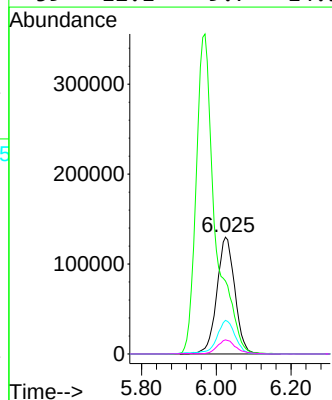
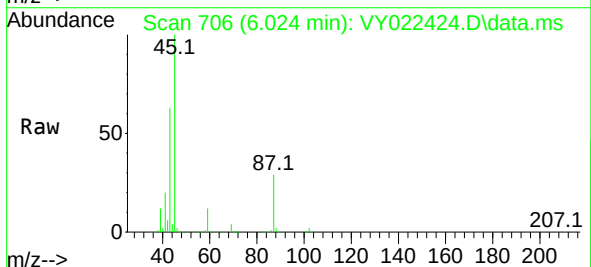
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

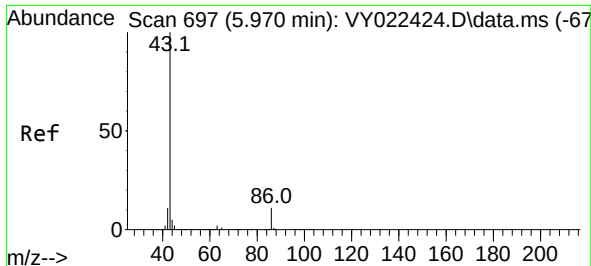
Tgt Ion: 96 Resp: 141011
Ion Ratio Lower Upper
96 100
61 138.0 110.4 165.6
98 60.8 48.6 73.0



#22
Diisopropyl ether
Concen: 49.618 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 45 Resp: 433997
Ion Ratio Lower Upper
45 100
43 62.3 49.8 74.8
87 28.8 23.0 34.6
59 12.1 9.7 14.5

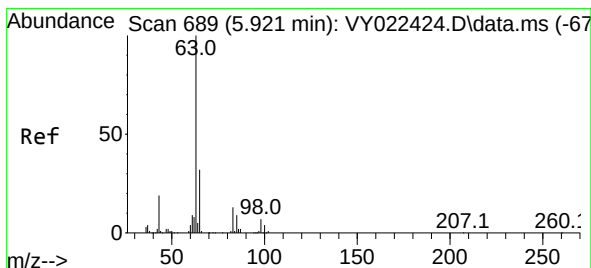
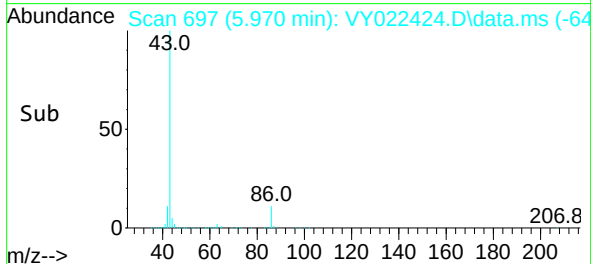
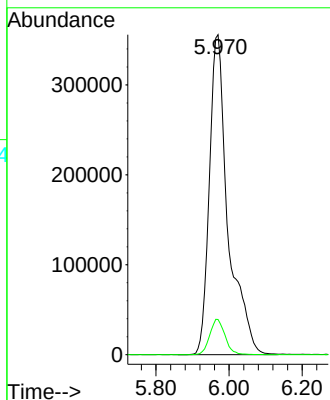
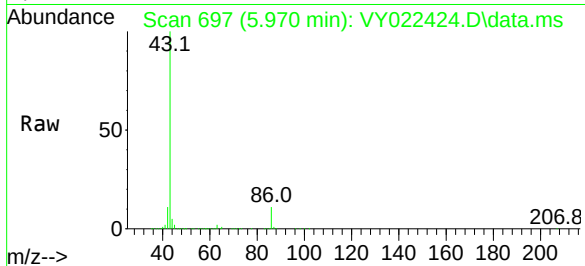




#23
 Vinyl Acetate
 Concen: 251.347 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

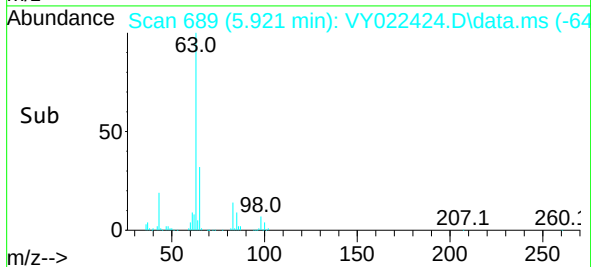
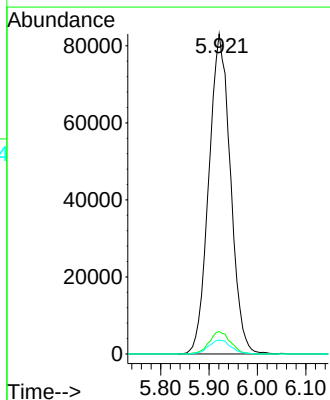
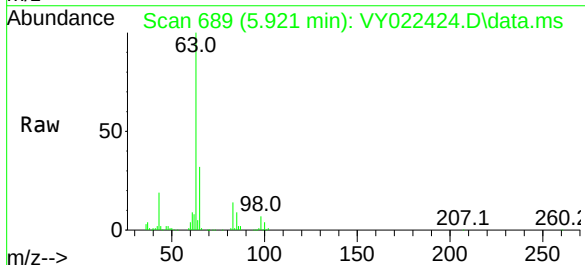
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

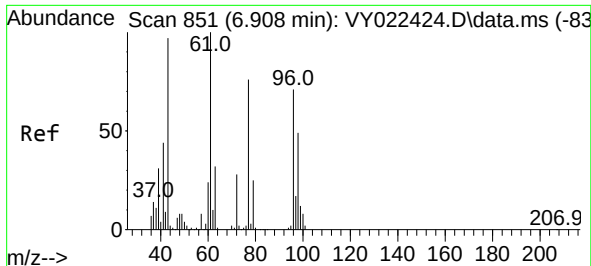
Tgt Ion: 43 Resp: 1262323
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 49.955 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

Tgt Ion: 63 Resp: 258190
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.3 2.1 6.5

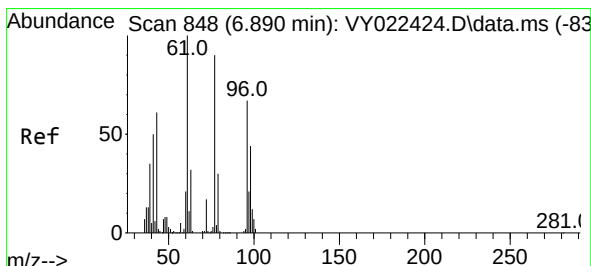
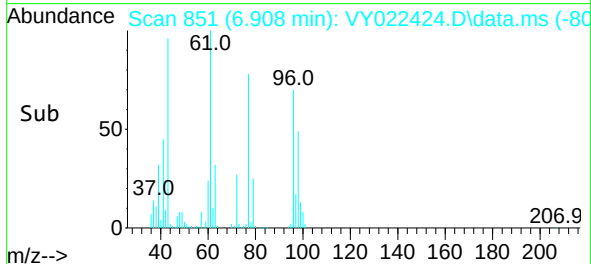
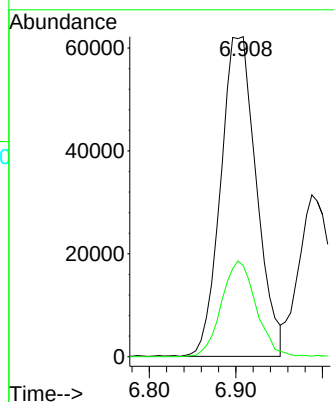
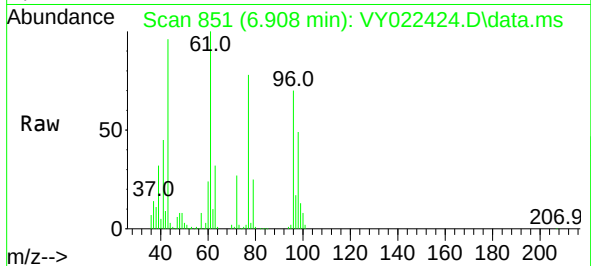




#25
2-Butanone
Concen: 246.104 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

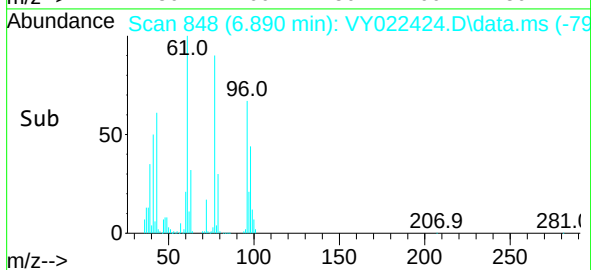
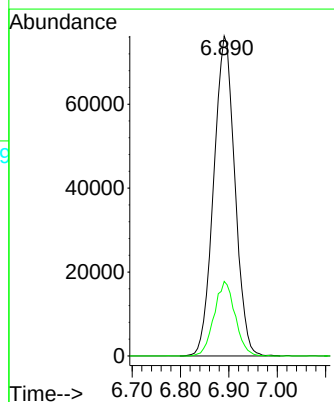
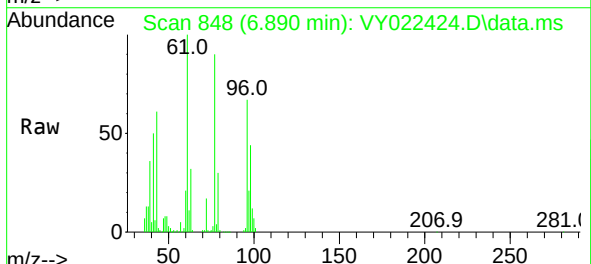
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

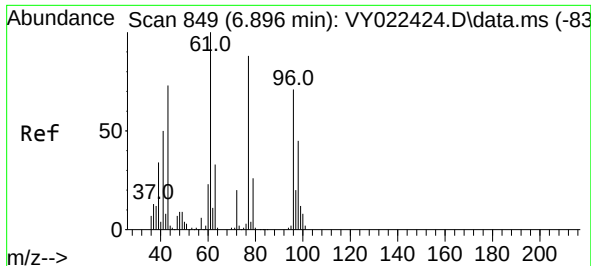
Tgt Ion: 43 Resp: 178390
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.466 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 77 Resp: 231499
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 49.217 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

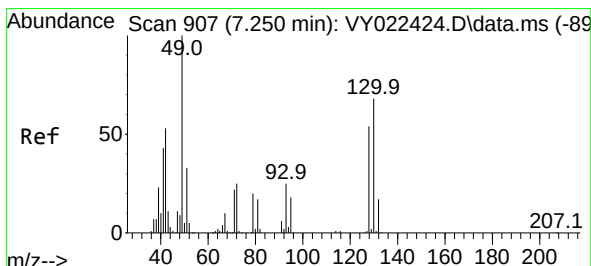
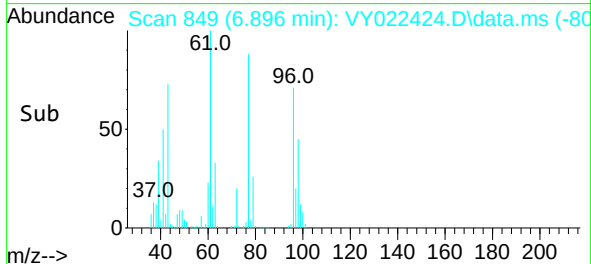
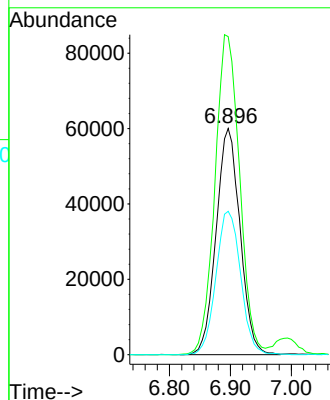
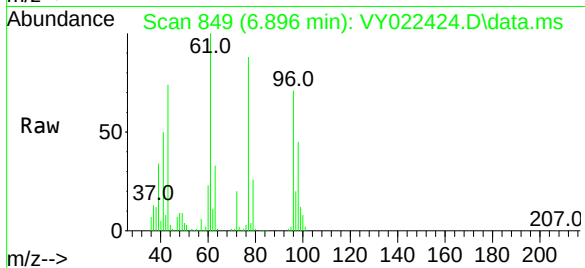
Tgt Ion: 96 Resp: 163879

Ion Ratio Lower Upper

96 100

61 146.0 0.0 292.0

98 65.5 0.0 131.0



#28

Bromochloromethane

Concen: 51.091 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

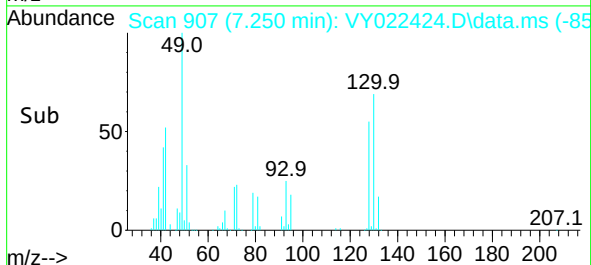
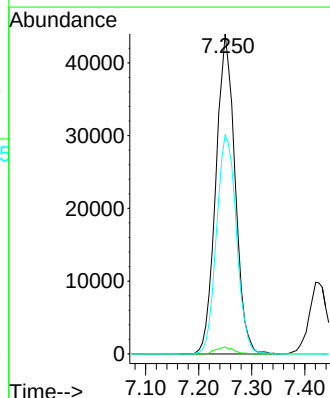
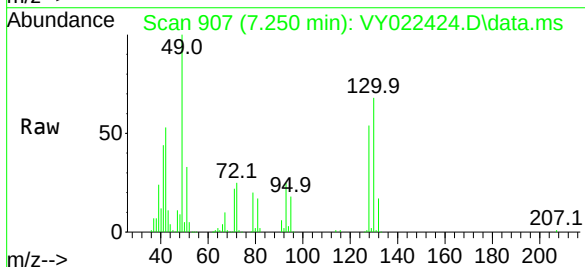
Tgt Ion: 49 Resp: 110266

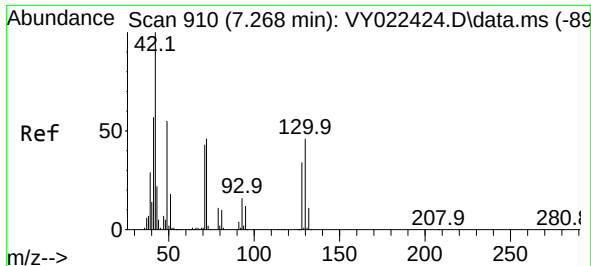
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 71.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 247.328 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

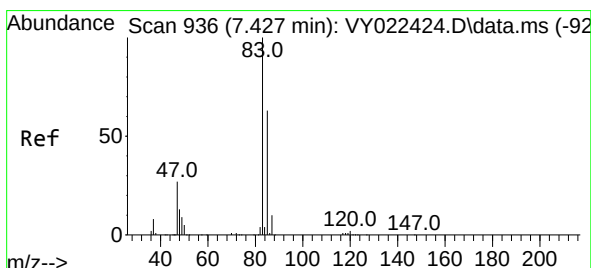
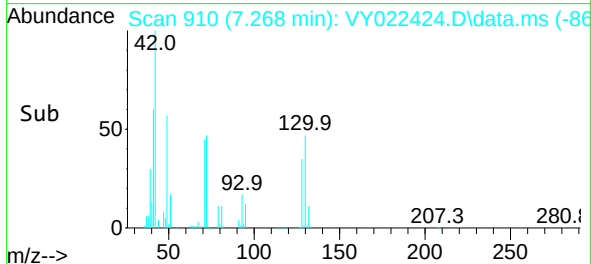
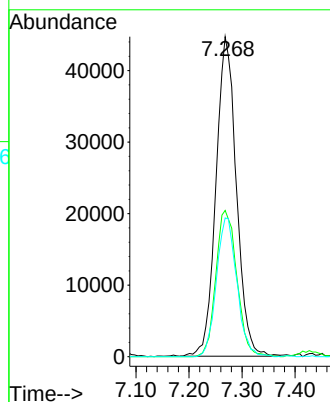
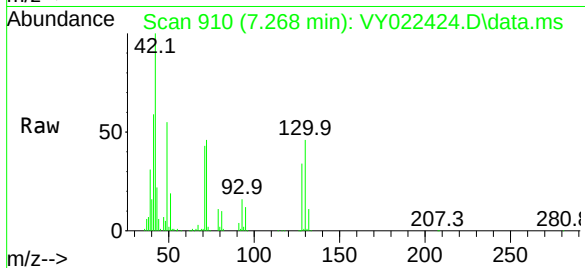
Tgt Ion: 42 Resp: 119564

Ion Ratio Lower Upper

42 100

72 47.1 37.7 56.5

71 43.4 34.7 52.1



#30

Chloroform

Concen: 50.655 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022424.D

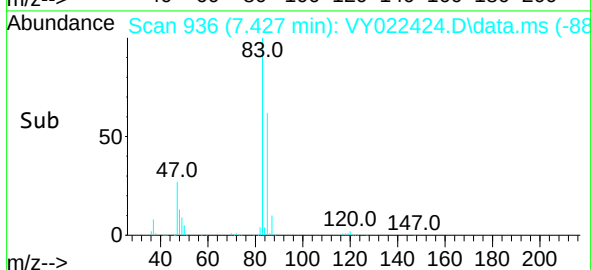
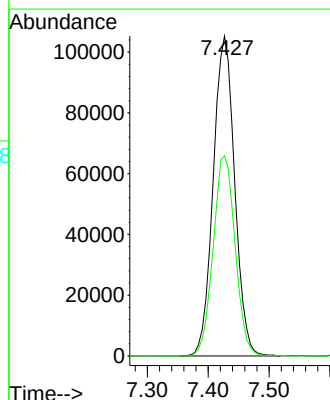
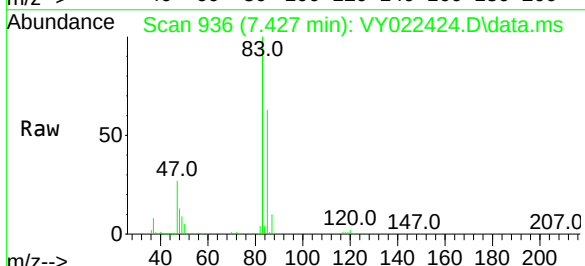
Acq: 27 May 2025 09:59

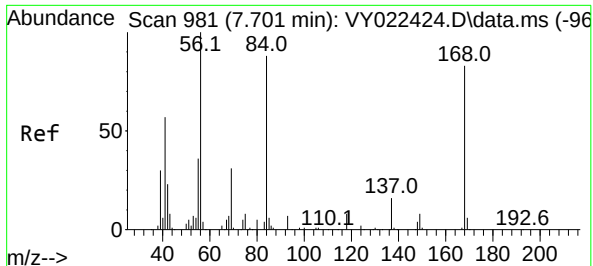
Tgt Ion: 83 Resp: 257981

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

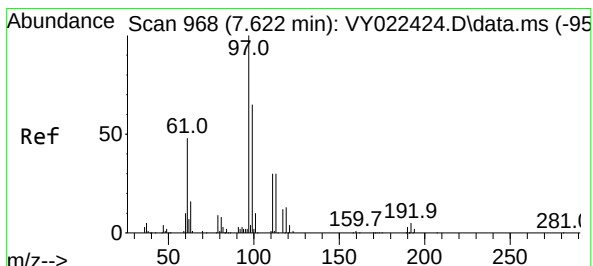
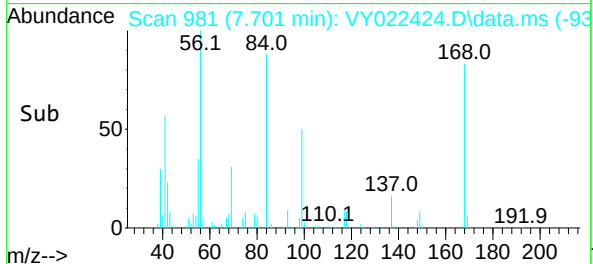
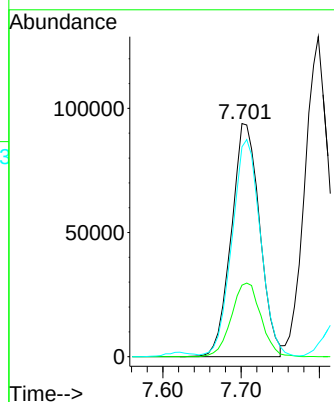
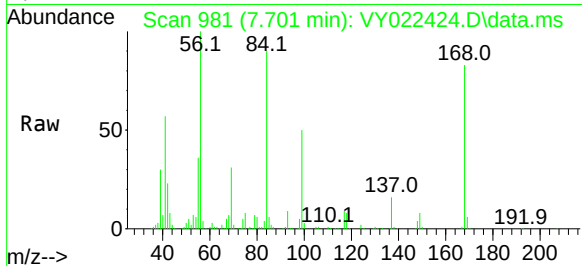




#31
Cyclohexane
Concen: 46.340 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

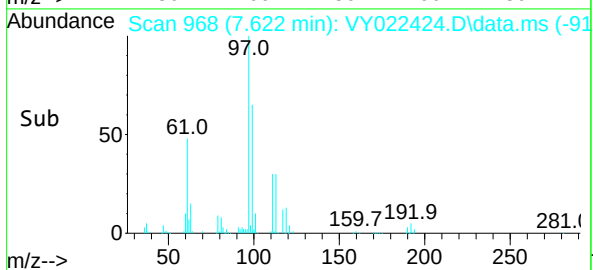
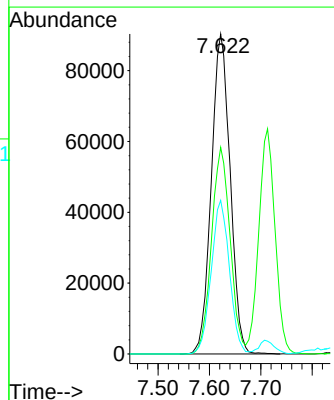
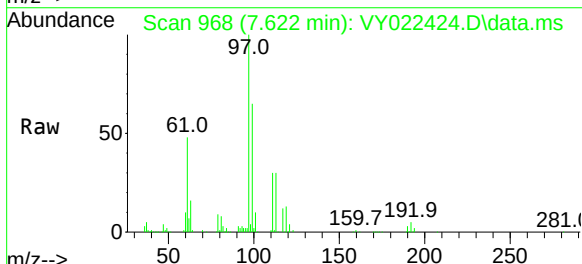
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

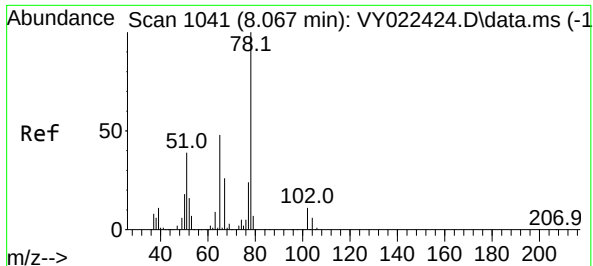
Tgt Ion: 56 Resp: 236092
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 88.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 49.660 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 97 Resp: 229531
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 46.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 50.486 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

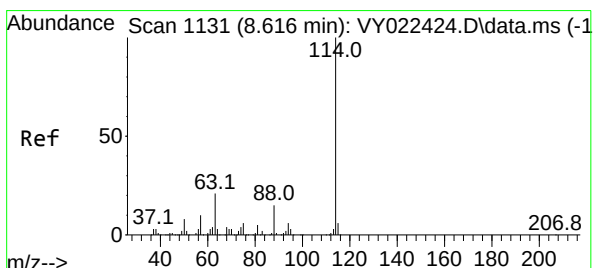
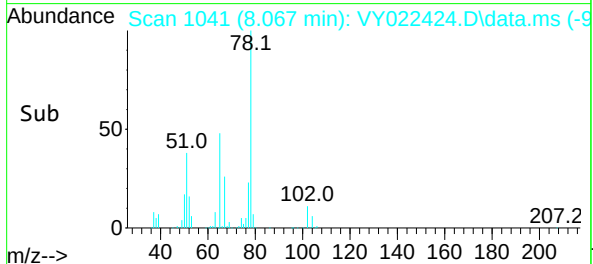
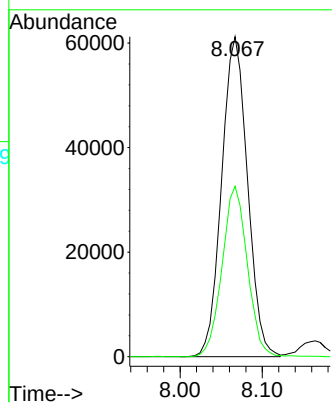
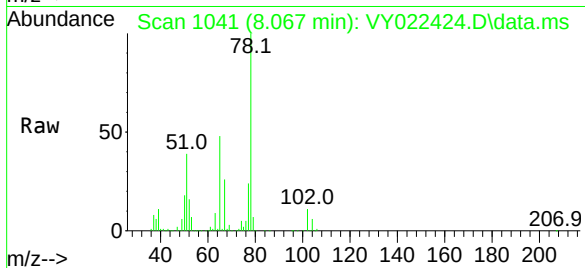
VSTDICCC050

Tgt Ion: 65 Resp: 133722

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

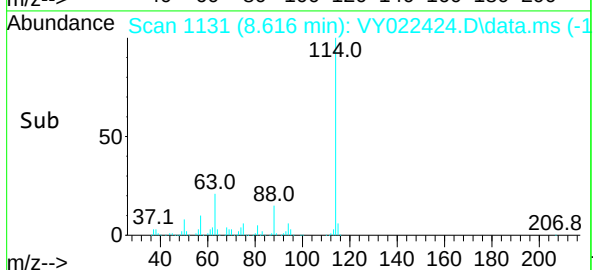
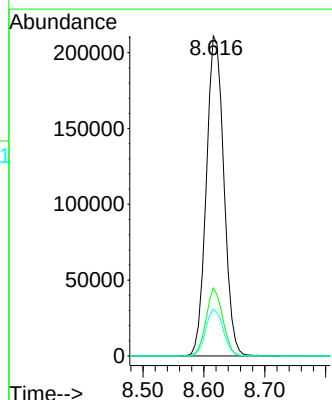
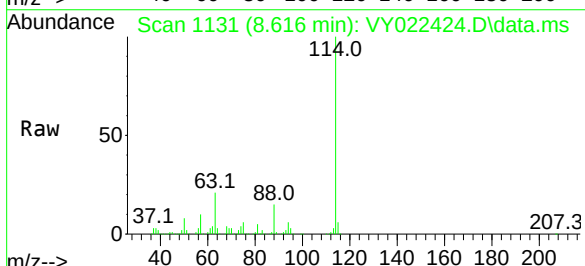
Tgt Ion: 114 Resp: 421648

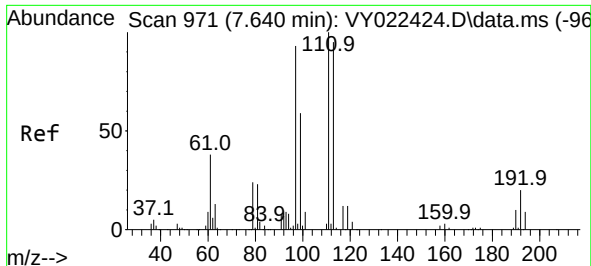
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 14.7 0.0 29.4

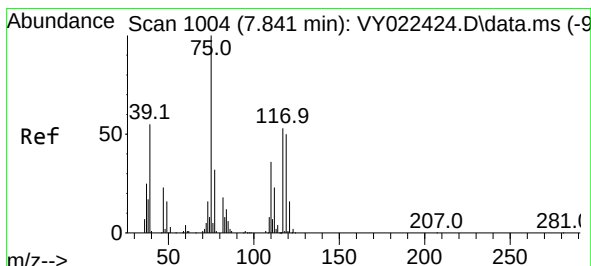
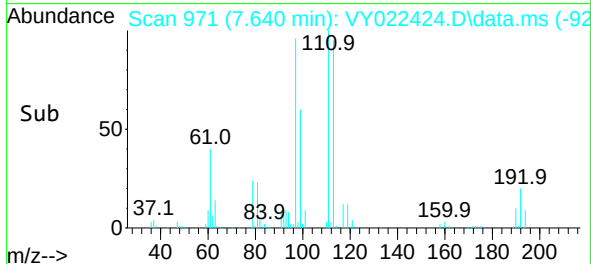
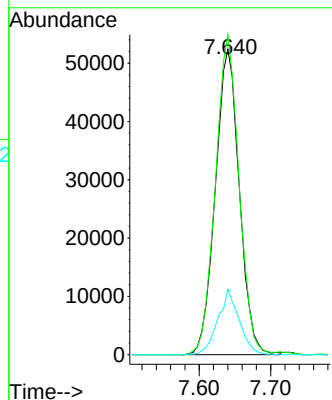
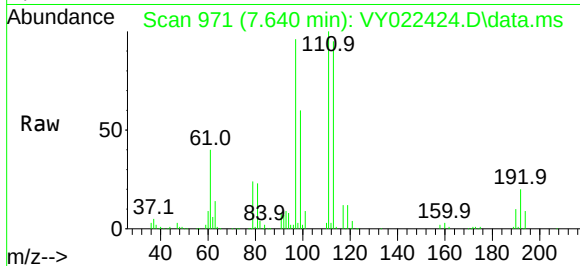




#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

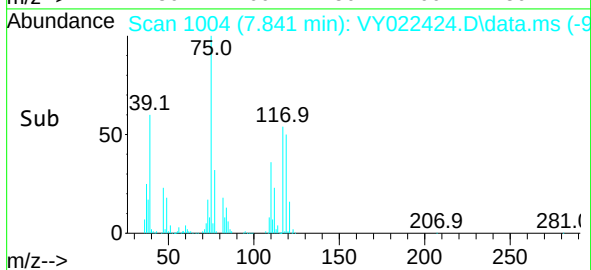
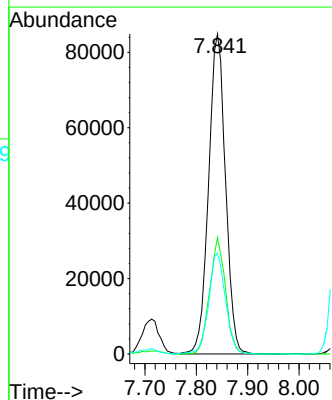
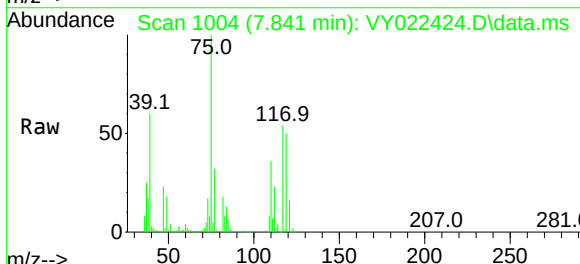
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

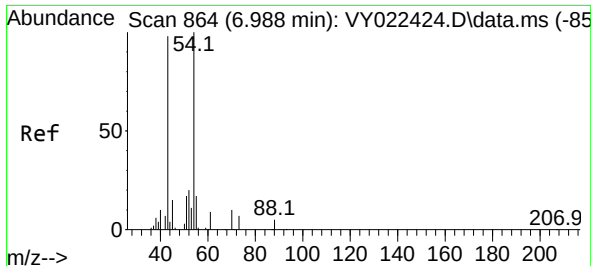
Tgt Ion:113 Resp: 122077
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 49.482 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 75 Resp: 193888
Ion Ratio Lower Upper
75 100
110 34.1 17.1 51.2
77 31.4 25.1 37.7

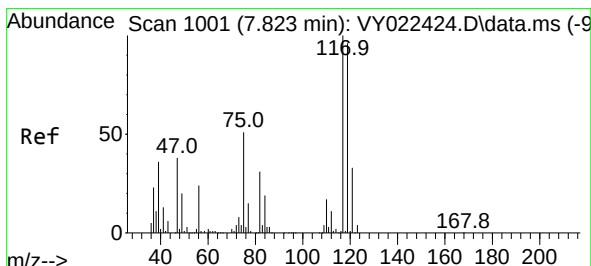
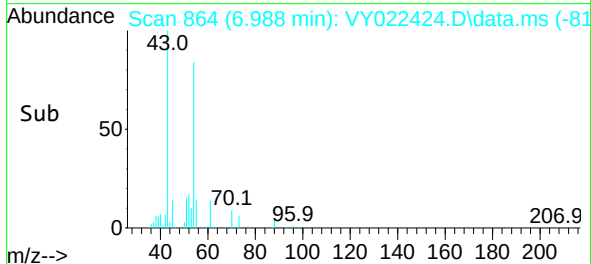
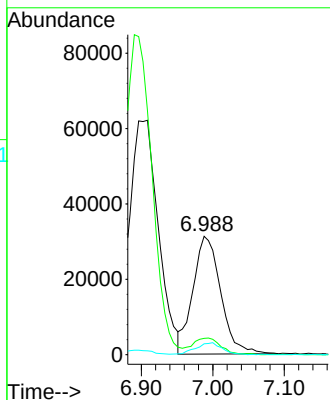
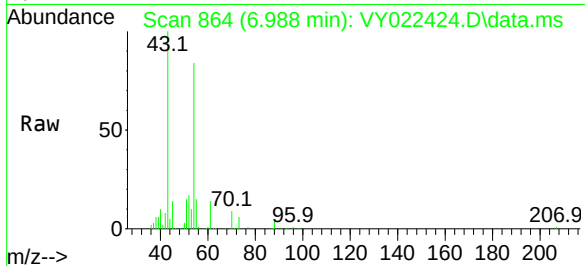




#37
Ethyl Acetate
Concen: 50.538 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

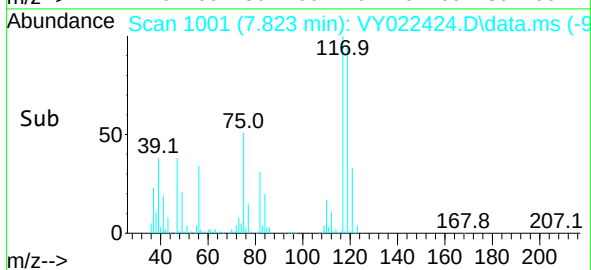
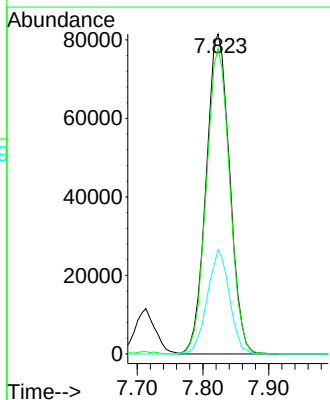
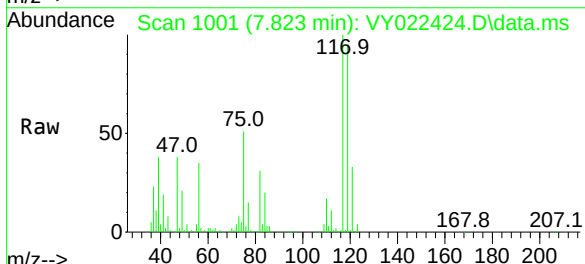
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

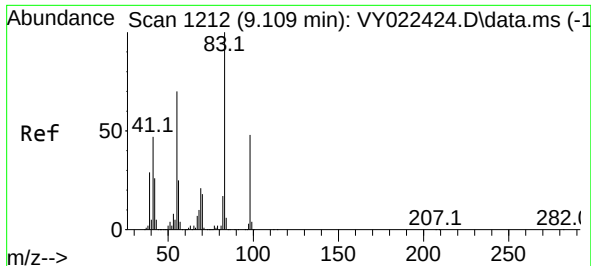
Tgt Ion: 43 Resp: 84159
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 49.731 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 117 Resp: 202994
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 32.6 26.1 39.1

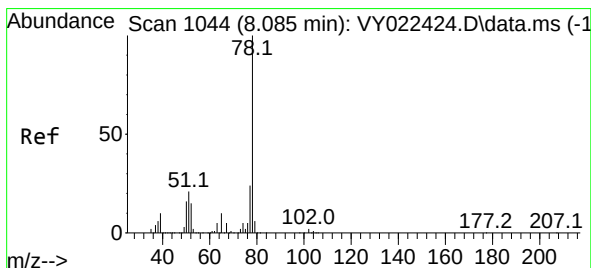
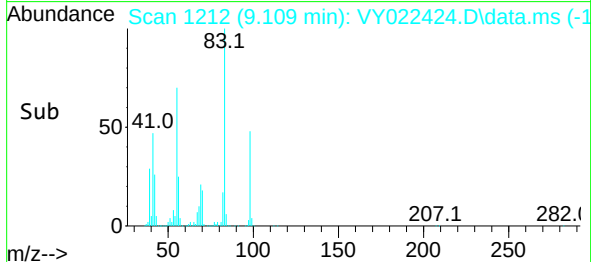
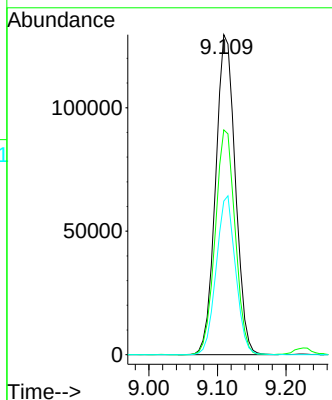
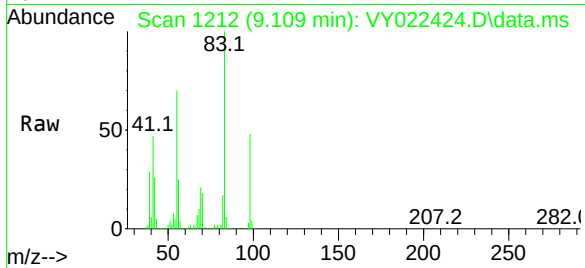




#39
Methylcyclohexane
Concen: 49.724 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

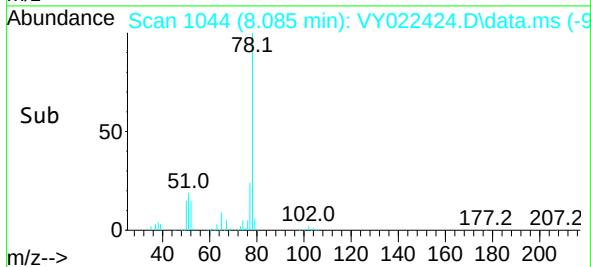
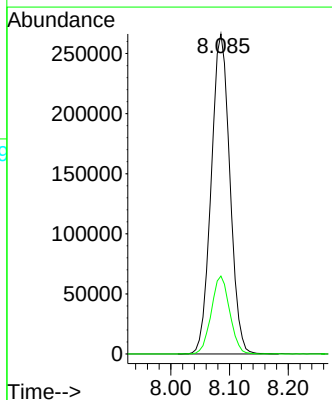
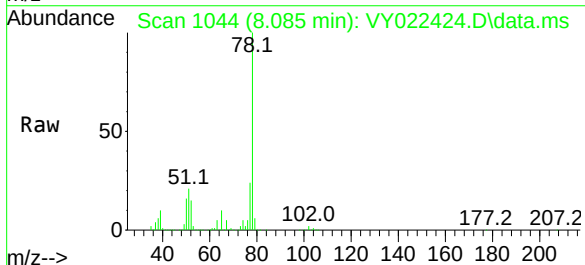
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

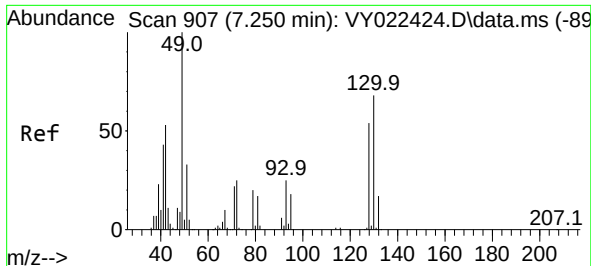
Tgt Ion: 83 Resp: 258994
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 48.0 38.4 57.6



#40
Benzene
Concen: 50.308 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

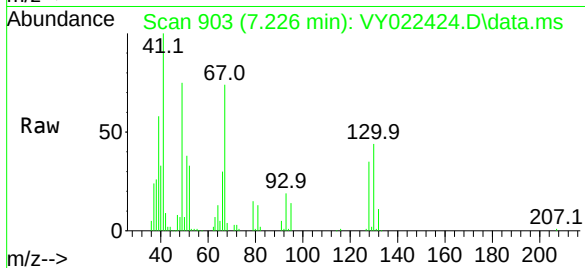
Tgt Ion: 78 Resp: 586562
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2



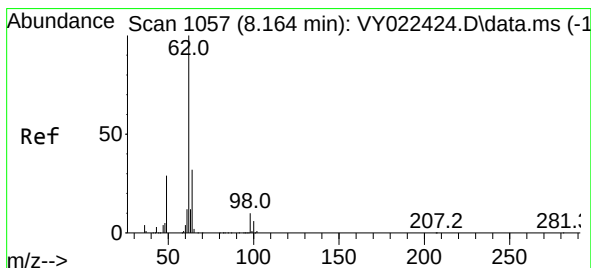
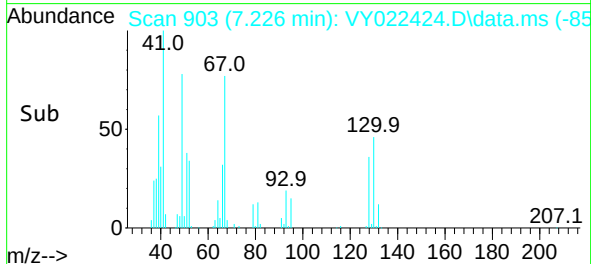
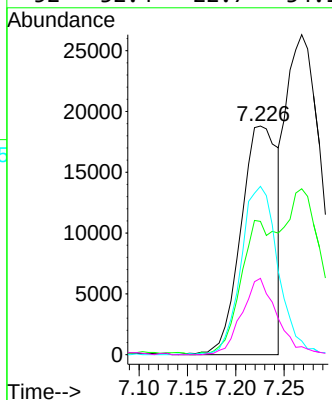


#41
Methacrylonitrile
Concen: 48.714 ug/l
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

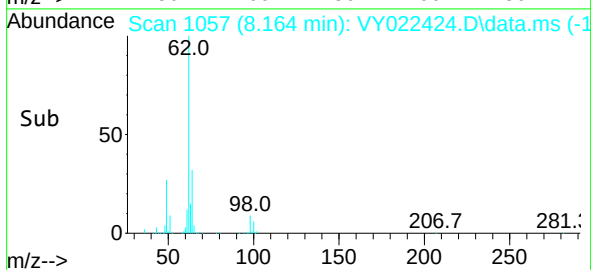
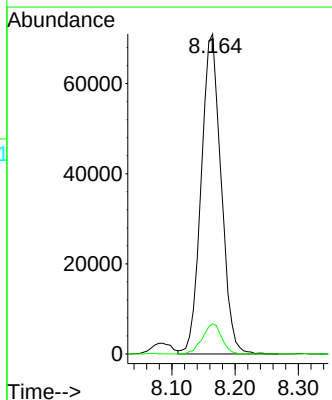
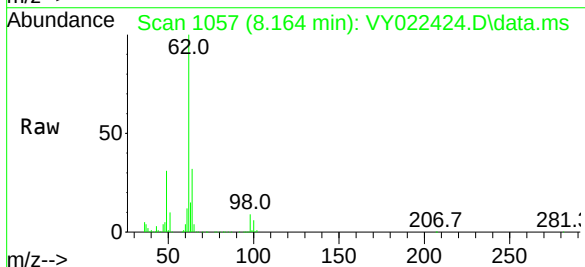


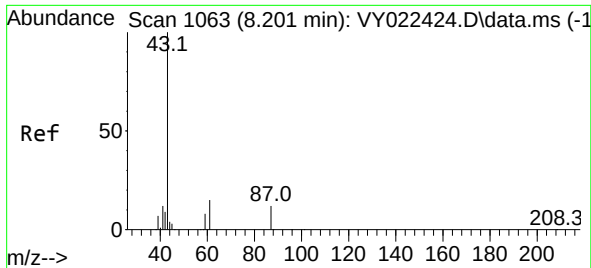
Tgt Ion:	41	Resp:	49236
Ion	Ratio	Lower	Upper
41	100		
39	57.5	40.4	60.6
67	75.4	53.0	79.4
52	32.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 50.458 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion:	62	Resp:	155379
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

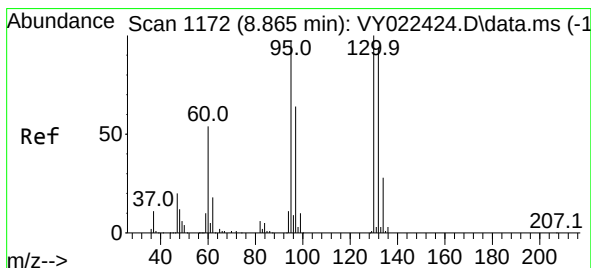
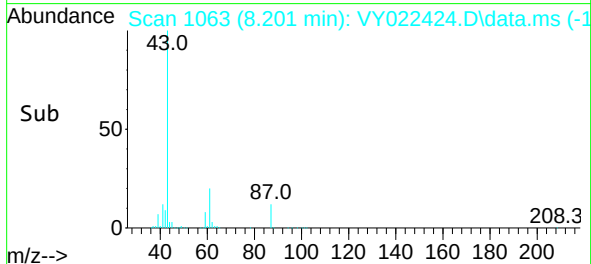
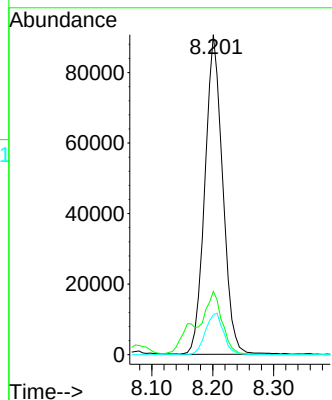
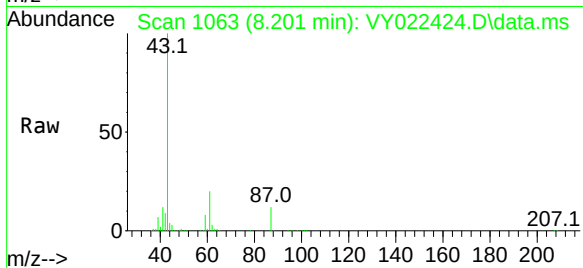




#43
Isopropyl Acetate
Concen: 50.467 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

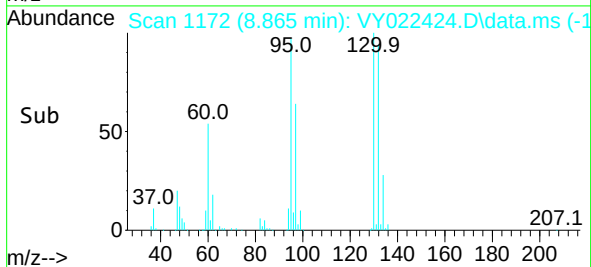
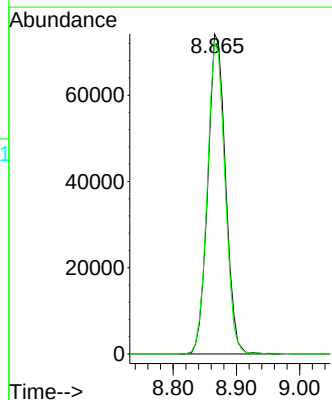
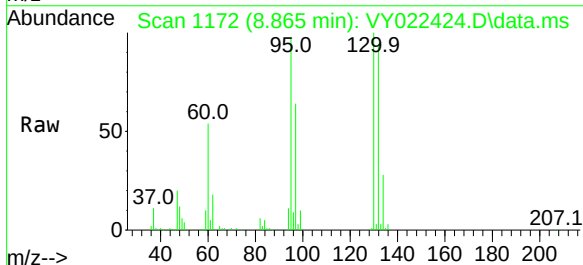
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

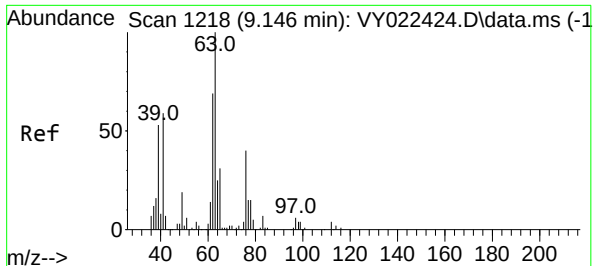
Tgt Ion: 43 Resp: 183642
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 13.2 10.6 15.8



#44
Trichloroethene
Concen: 50.172 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion:130 Resp: 144611
Ion Ratio Lower Upper
130 100
95 97.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

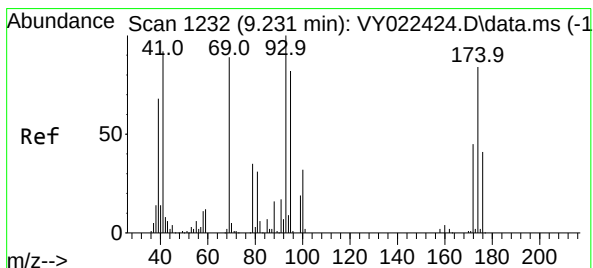
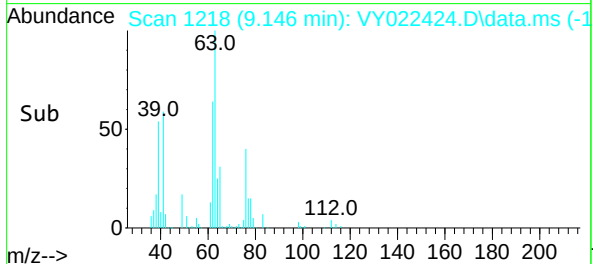
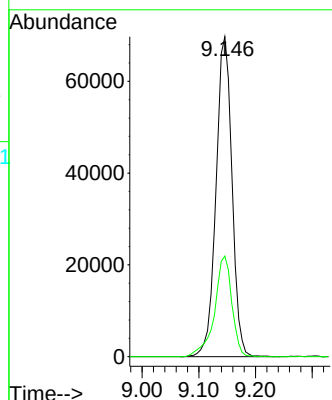
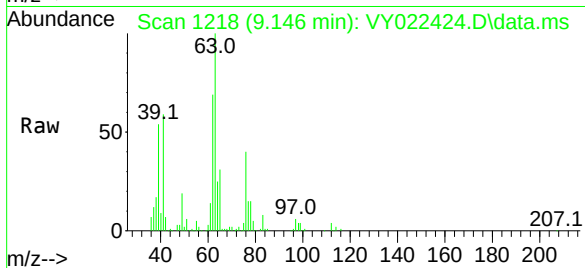
VSTDICCC050

Tgt Ion: 63 Resp: 136232

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 50.148 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

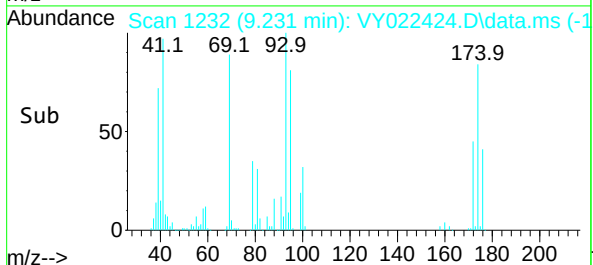
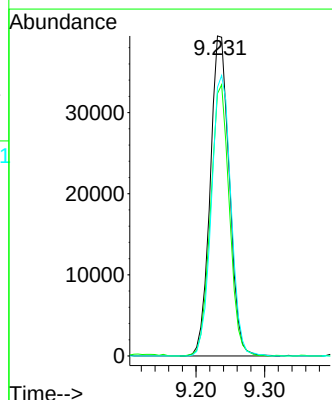
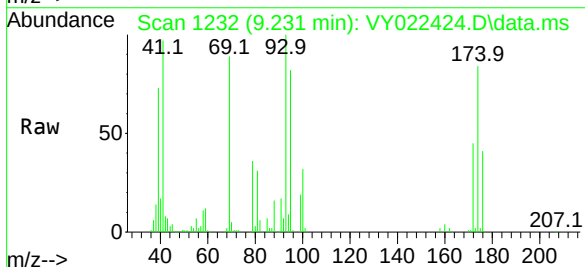
Tgt Ion: 93 Resp: 76743

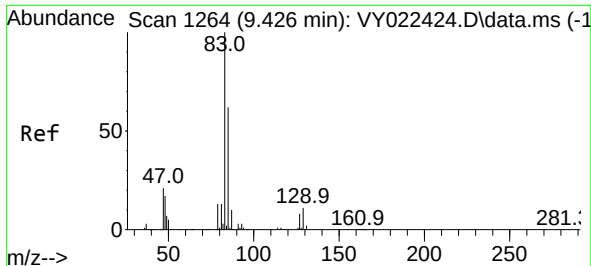
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 88.9 71.1 106.7

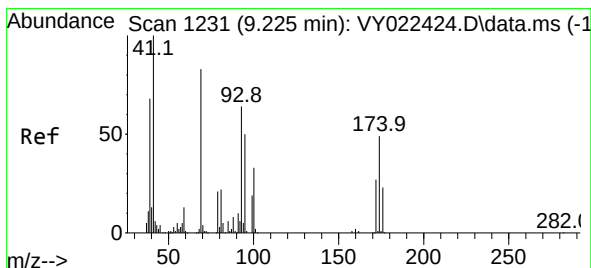
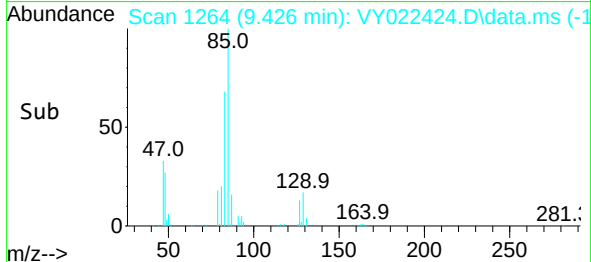
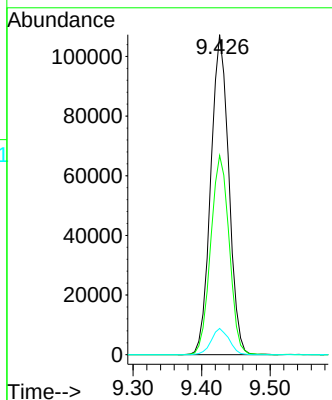
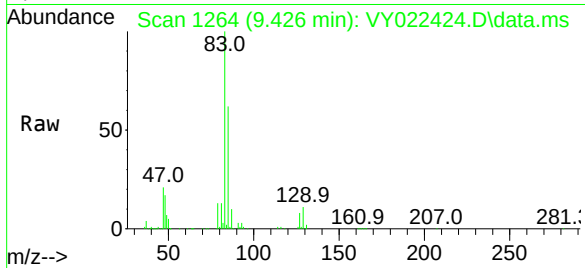




#47
Bromodichloromethane
Concen: 49.717 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

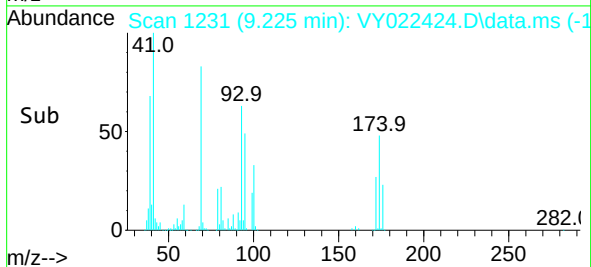
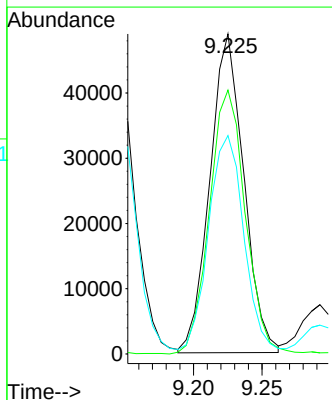
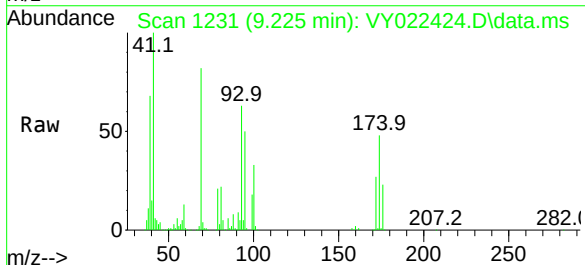
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

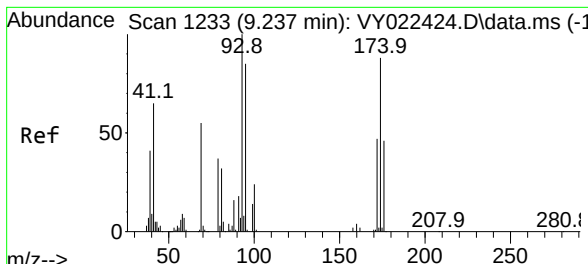
Tgt Ion: 83 Resp: 195650
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 49.870 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 41 Resp: 84239
Ion Ratio Lower Upper
41 100
69 87.9 70.3 105.5
39 69.2 55.4 83.0

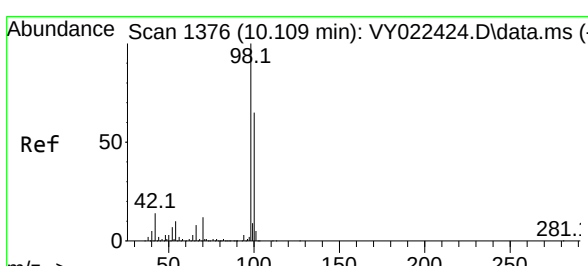
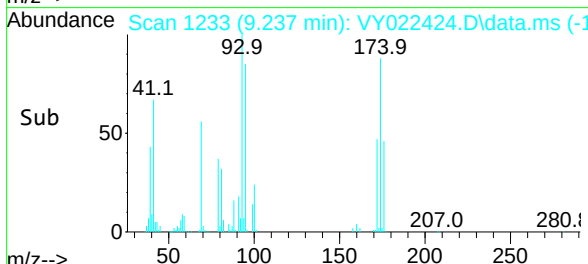
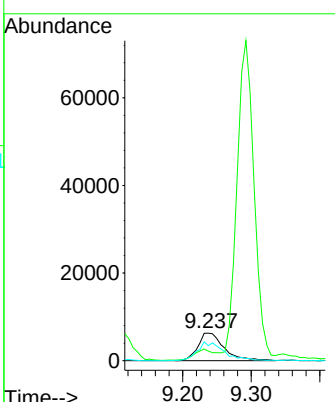
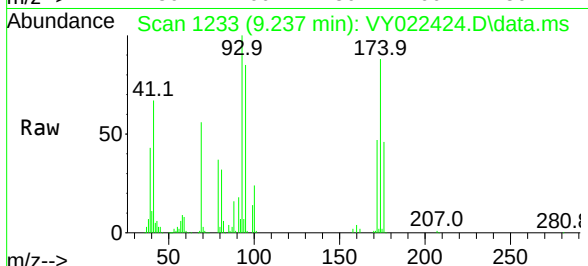




#49
 1,4-Dioxane
 Concen: 988.479 ug/l
 RT: 9.237 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

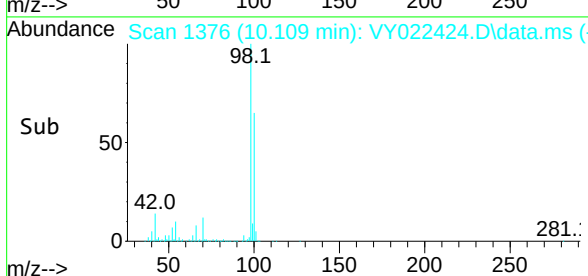
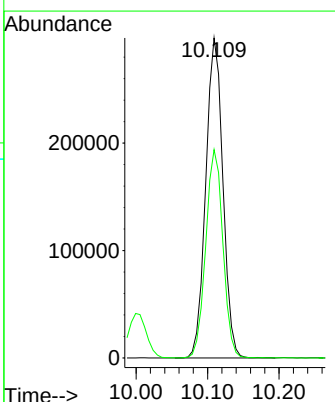
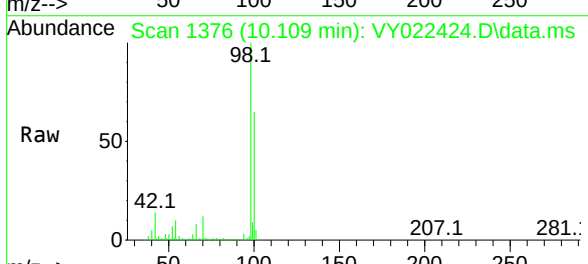
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

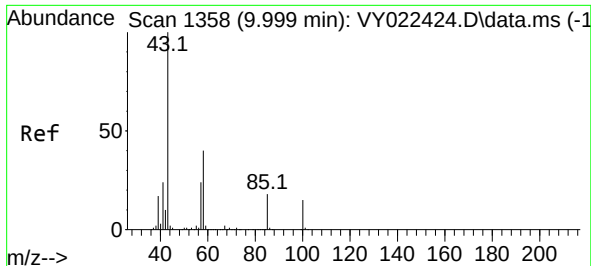
Tgt Ion:	88	Resp:	16708
Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	69.7	55.8	83.6



#50
 Toluene-d8
 Concen: 49.264 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

Tgt Ion:	98	Resp:	495900
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 256.225 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

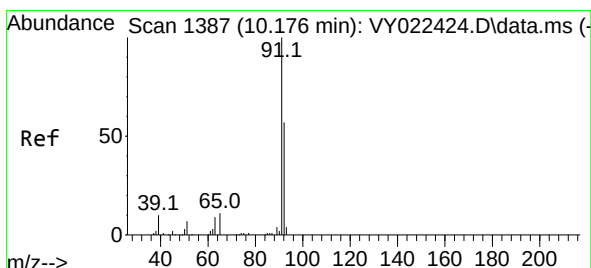
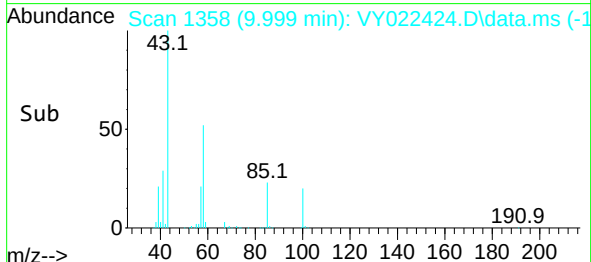
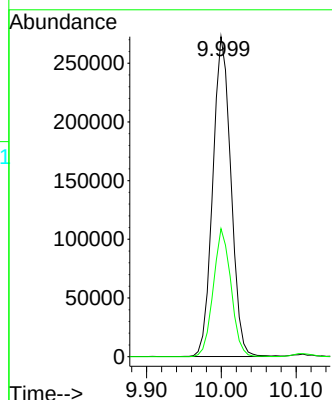
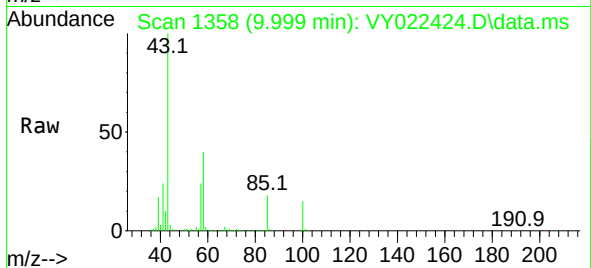
VSTDICCC050

Tgt Ion: 43 Resp: 460034

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



#52

Toluene

Concen: 50.235 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY022424.D

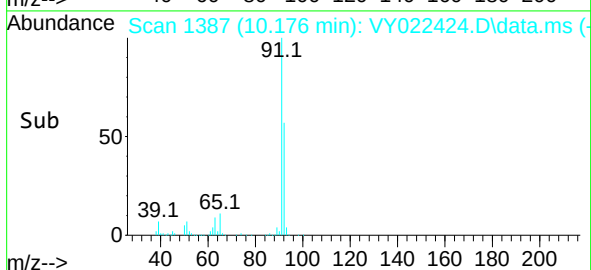
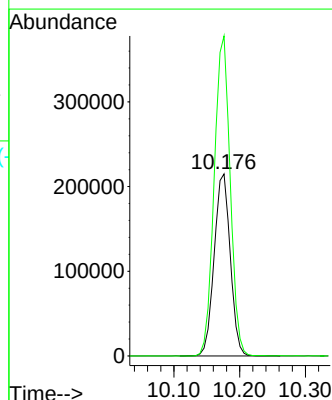
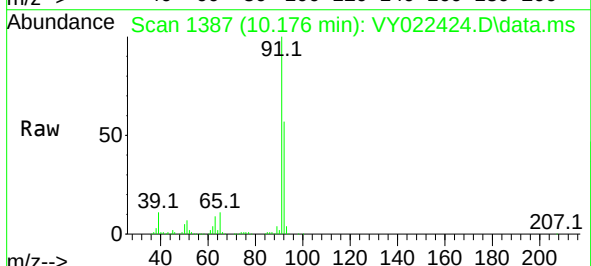
Acq: 27 May 2025 09:59

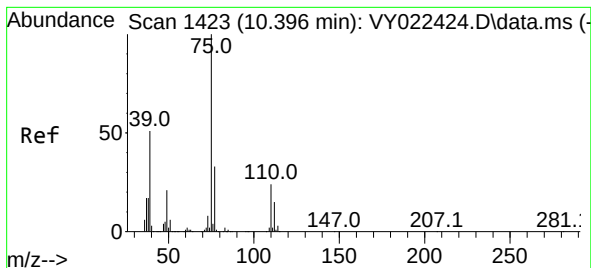
Tgt Ion: 92 Resp: 365833

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6

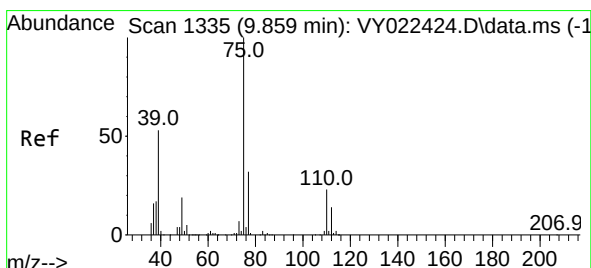
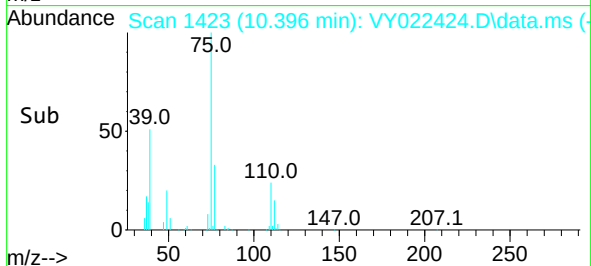
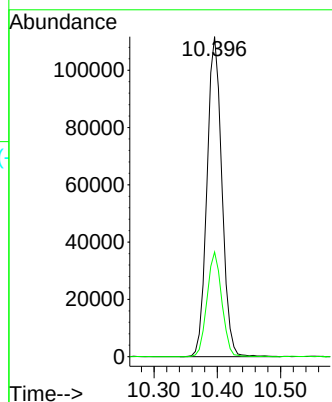
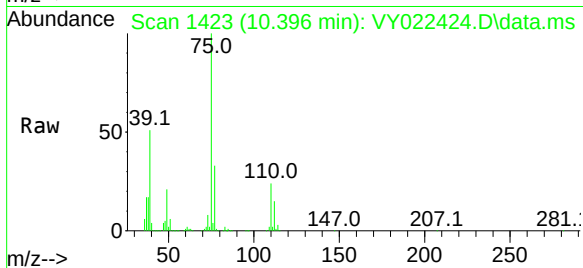




#53
t-1,3-Dichloropropene
Concen: 49.875 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

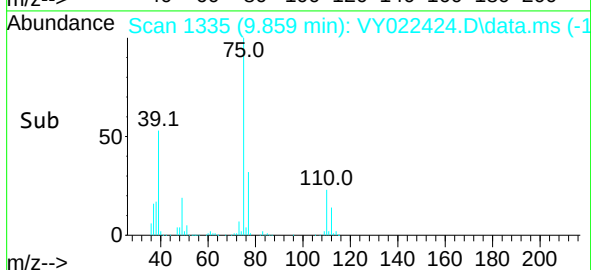
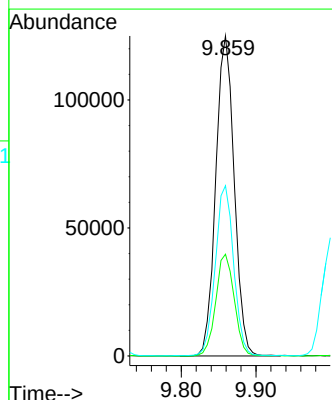
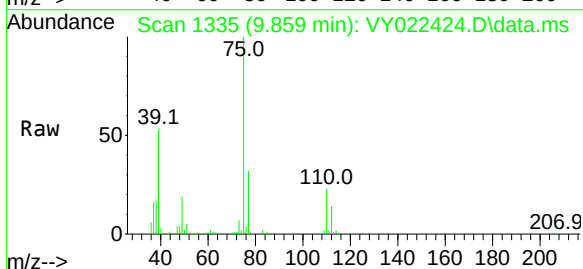
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

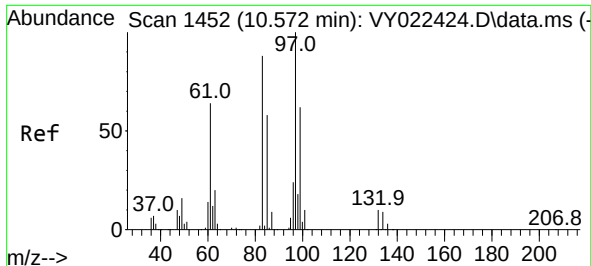
Tgt Ion: 75 Resp: 182819
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 49.683 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 75 Resp: 213990
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 53.1 42.5 63.7

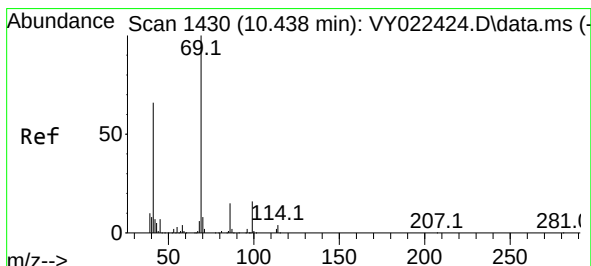
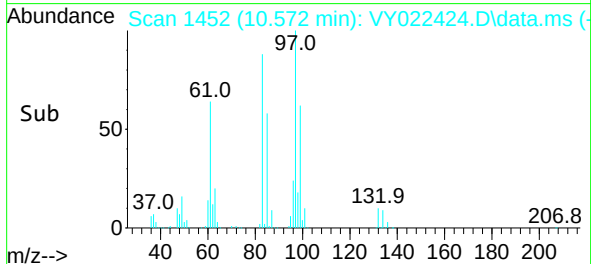
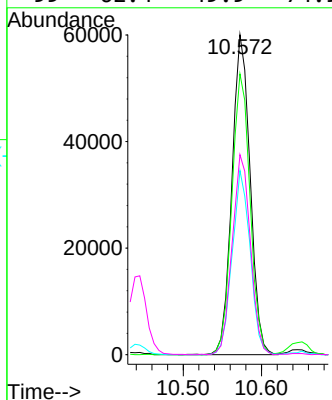
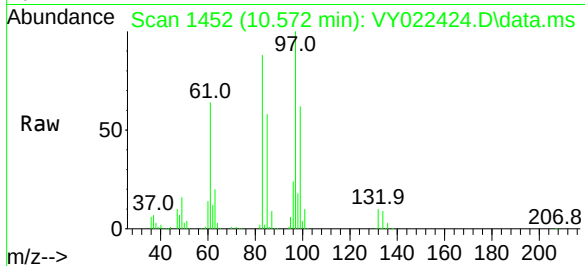




#55
1,1,2-Trichloroethane
Concen: 50.011 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

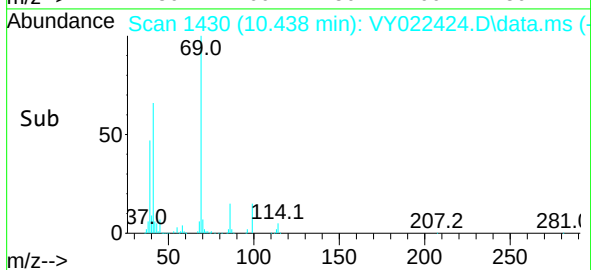
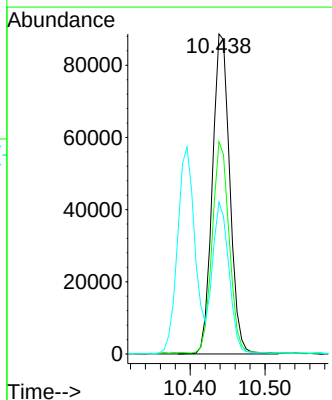
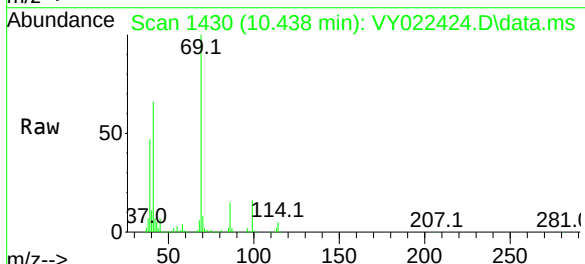
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

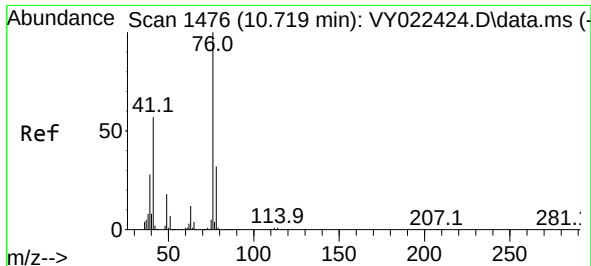
Tgt Ion:	97	Resp:	96763
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.2	105.4
85	57.6	46.1	69.1
99	62.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 51.650 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion:	69	Resp:	143409
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.2	76.8
39	44.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.093 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

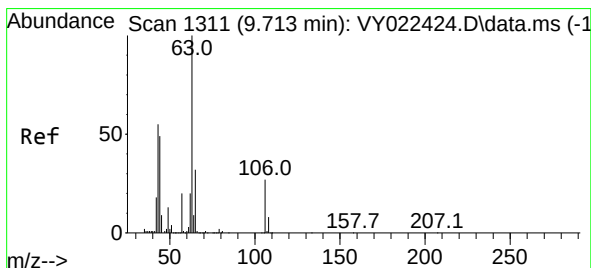
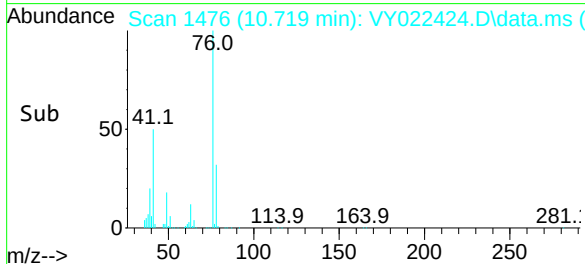
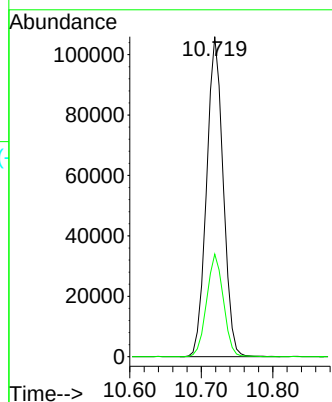
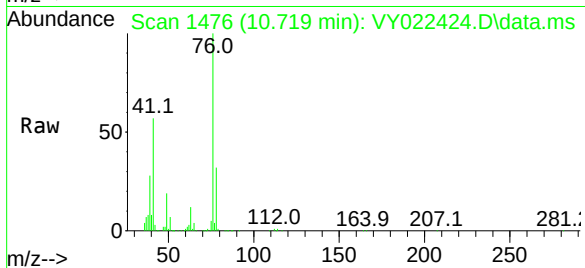
VSTDICCC050

Tgt Ion: 76 Resp: 170799

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.955 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022424.D

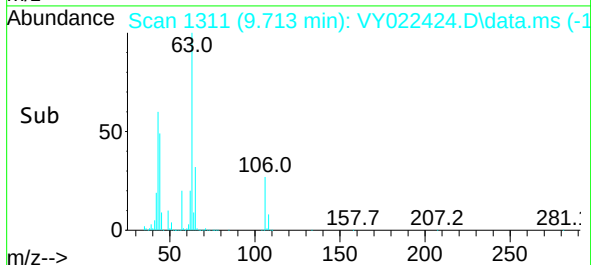
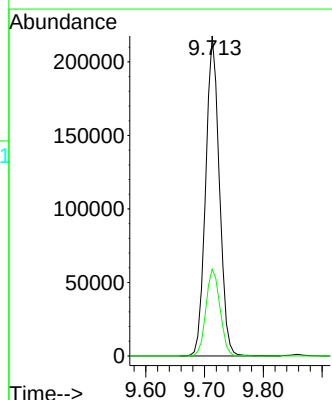
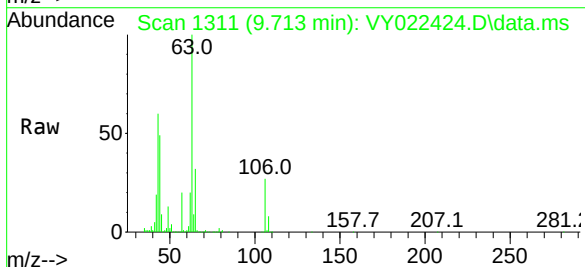
Acq: 27 May 2025 09:59

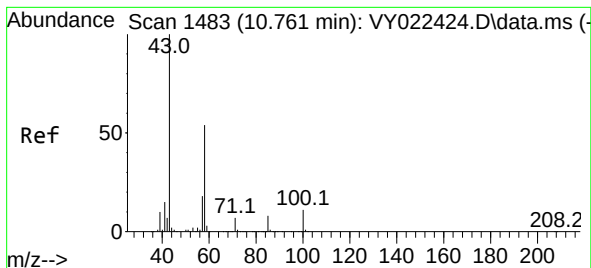
Tgt Ion: 63 Resp: 352804

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2

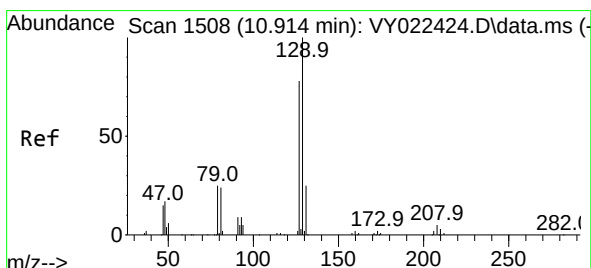
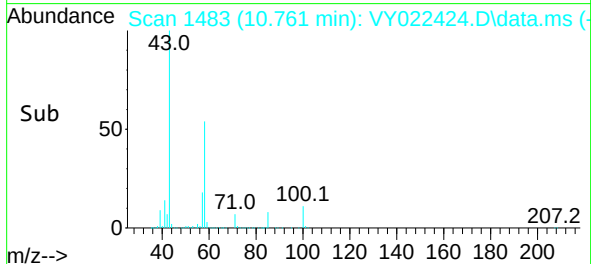
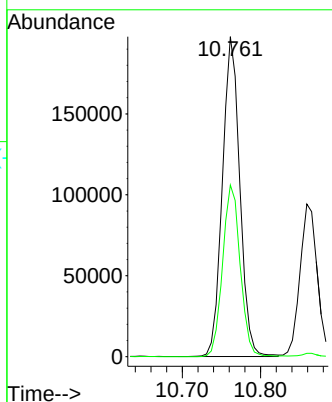
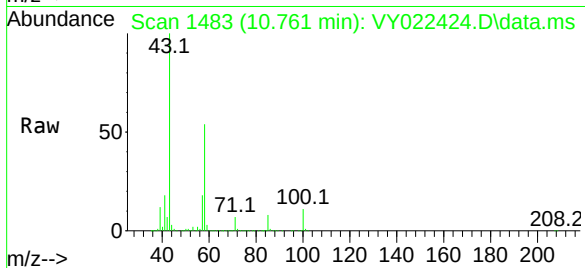




#59
2-Hexanone
Concen: 260.045 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

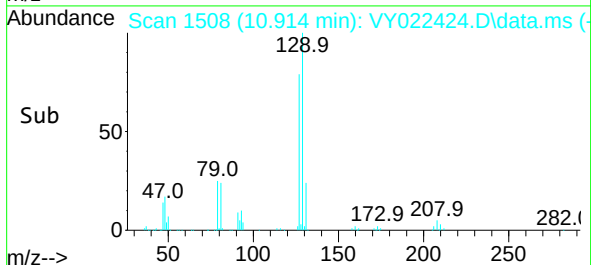
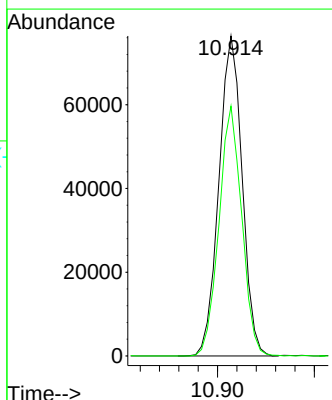
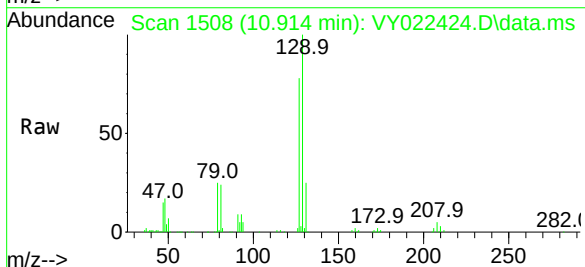
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

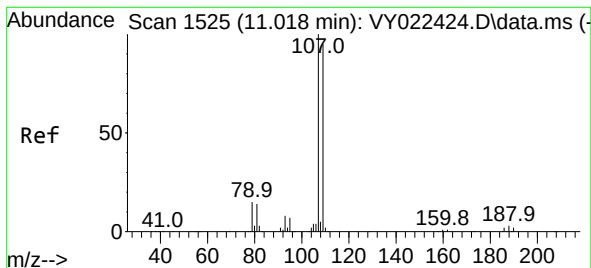
Tgt Ion: 43 Resp: 305977
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.2



#60
Dibromochloromethane
Concen: 51.479 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 129 Resp: 127232
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.221 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

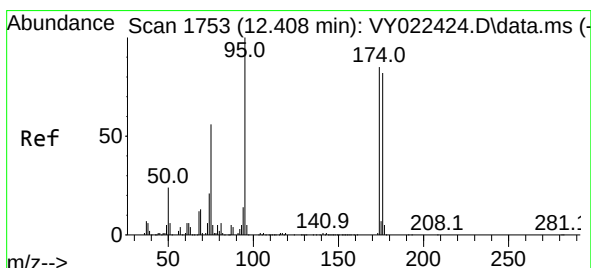
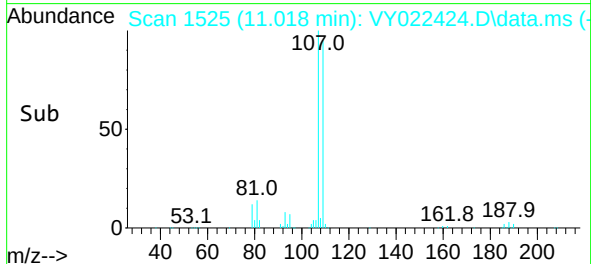
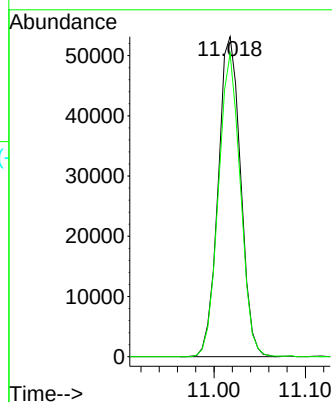
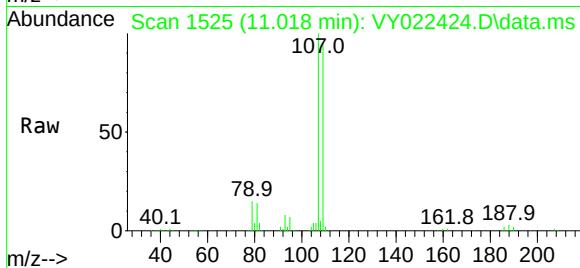
VSTDICCC050

Tgt Ion:107 Resp: 90642

Ion Ratio Lower Upper

107 100

109 92.5 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 49.160 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

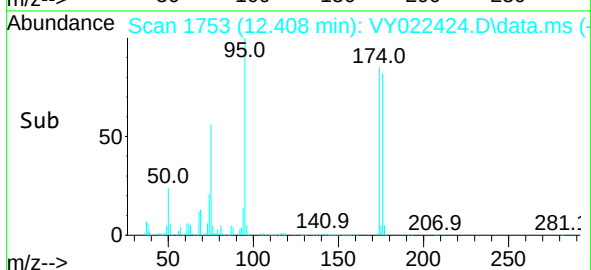
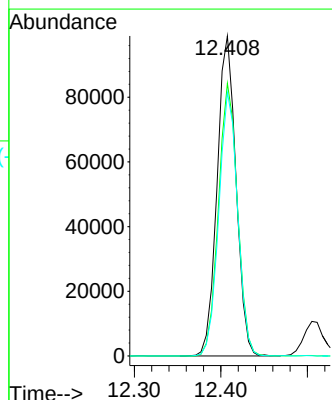
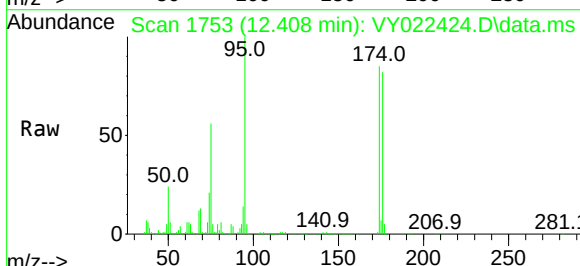
Tgt Ion: 95 Resp: 149686

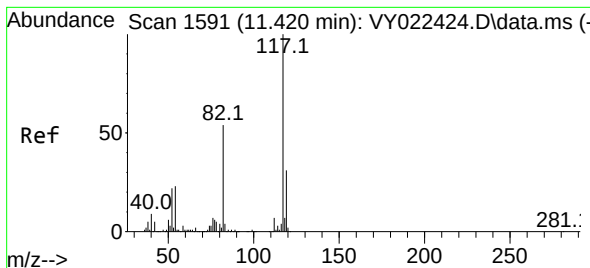
Ion Ratio Lower Upper

95 100

174 85.8 0.0 171.6

176 82.3 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: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

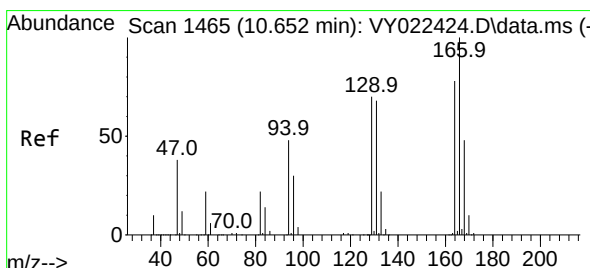
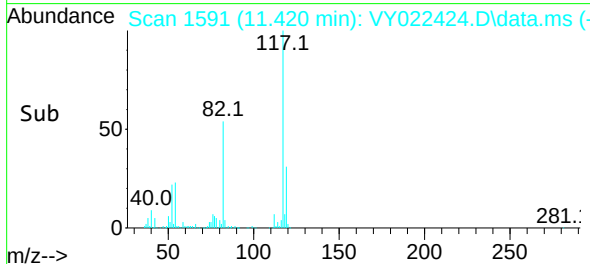
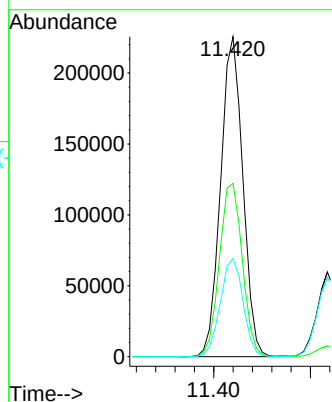
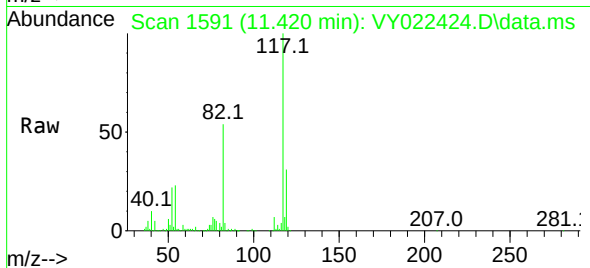
Tgt Ion:117 Resp: 359387

Ion Ratio Lower Upper

117 100

82 54.1 43.3 64.9

119 30.6 24.5 36.7



#64

Tetrachloroethene

Concen: 50.371 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Tgt Ion:164 Resp: 154172

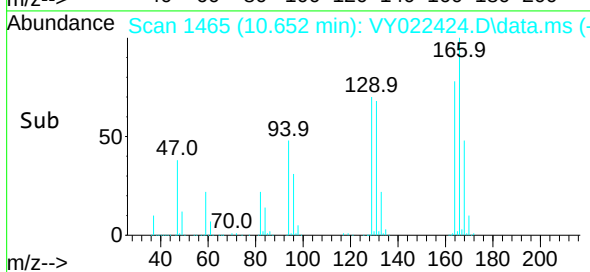
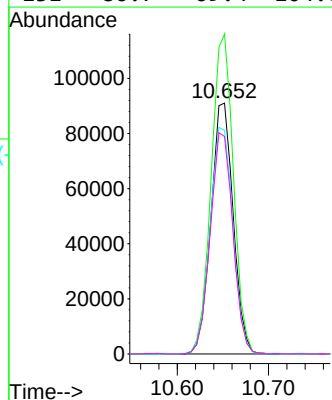
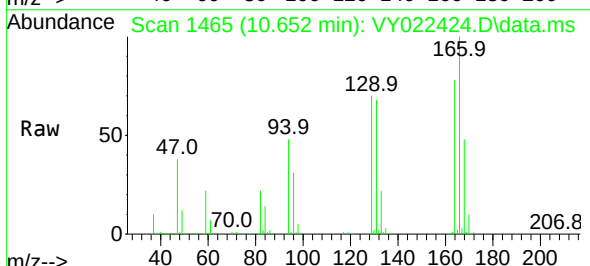
Ion Ratio Lower Upper

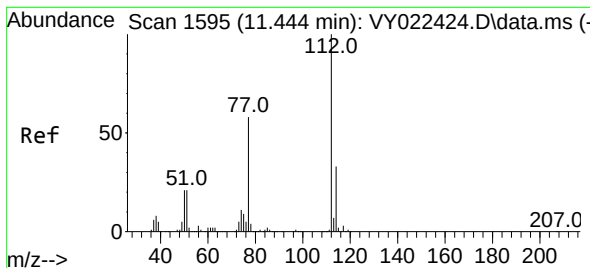
164 100

166 127.5 102.0 153.0

129 89.1 71.3 106.9

131 86.7 69.4 104.0





#65

Chlorobenzene

Concen: 50.045 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

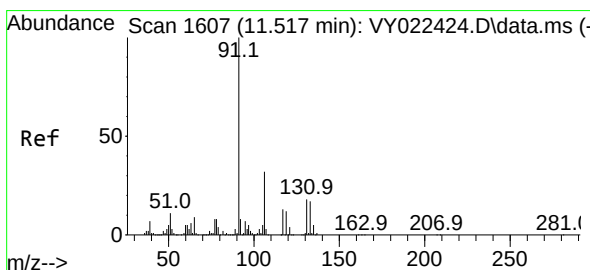
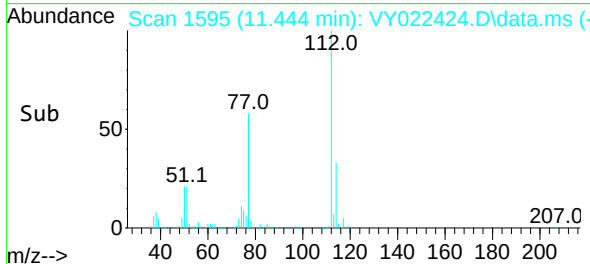
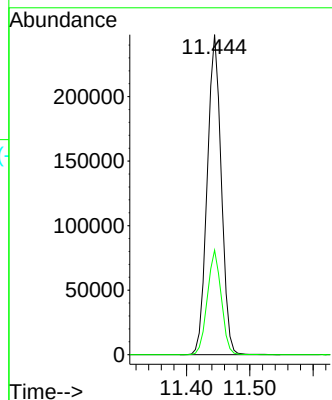
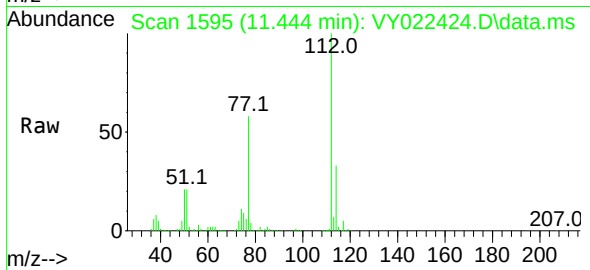
VSTDICCC050

Tgt Ion:112 Resp: 383505

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.108 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

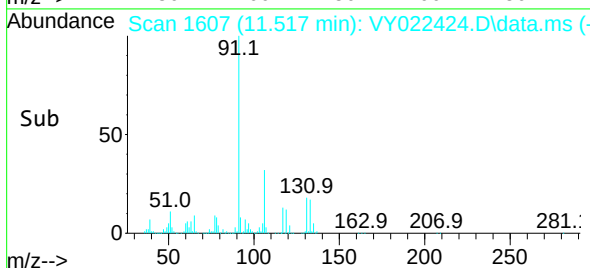
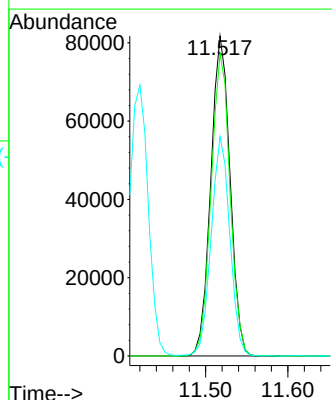
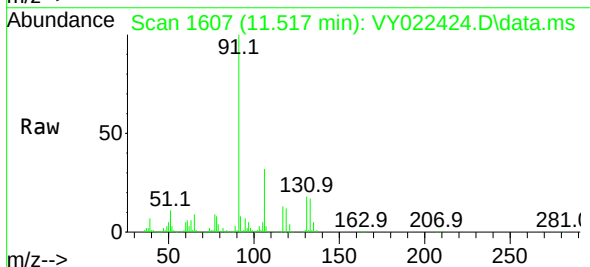
Tgt Ion:131 Resp: 132697

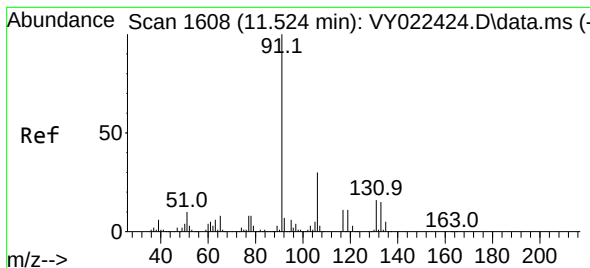
Ion Ratio Lower Upper

131 100

133 93.2 46.6 139.8

119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 50.007 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

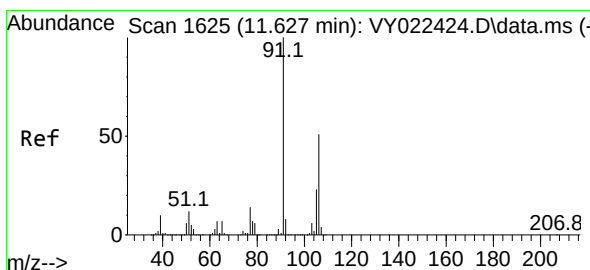
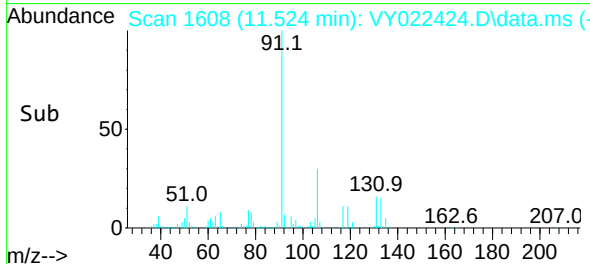
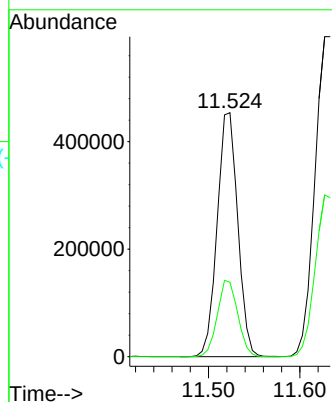
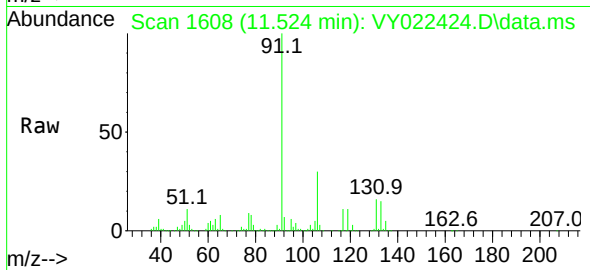
VSTDICCC050

Tgt Ion: 91 Resp: 711551

Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6



#68

m/p-Xylenes

Concen: 100.776 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022424.D

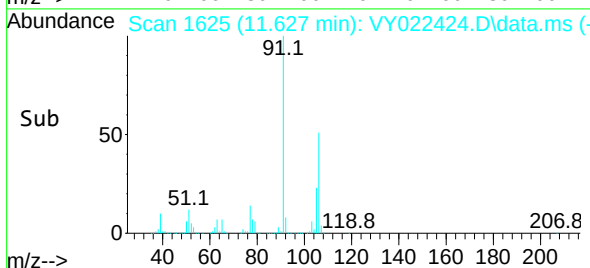
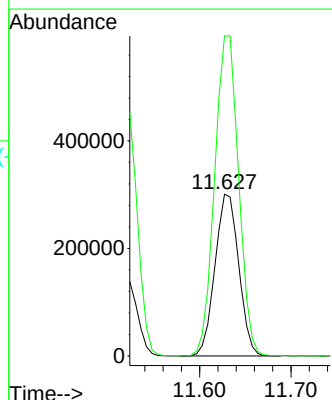
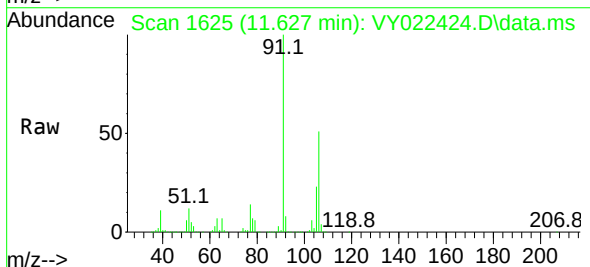
Acq: 27 May 2025 09:59

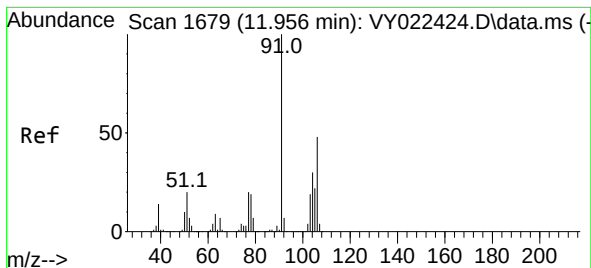
Tgt Ion:106 Resp: 543665

Ion Ratio Lower Upper

106 100

91 199.8 159.8 239.8





#69

o-Xylene

Concen: 50.270 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

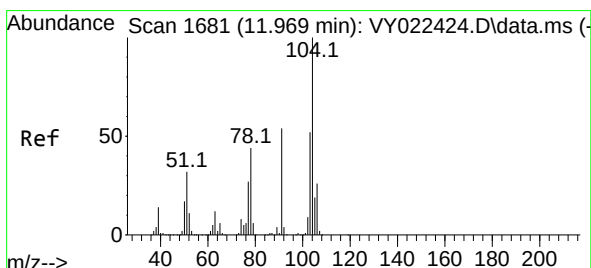
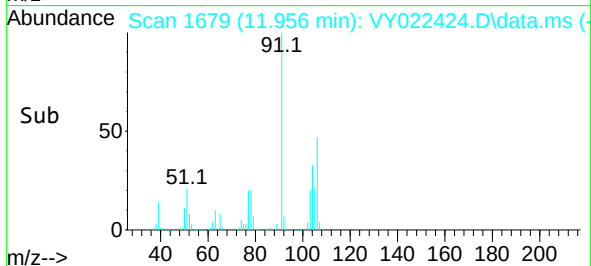
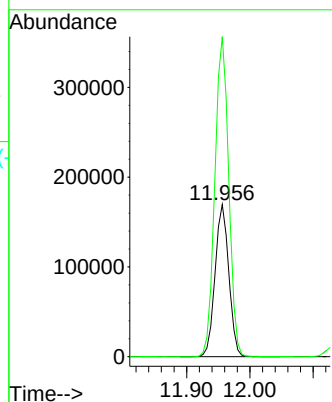
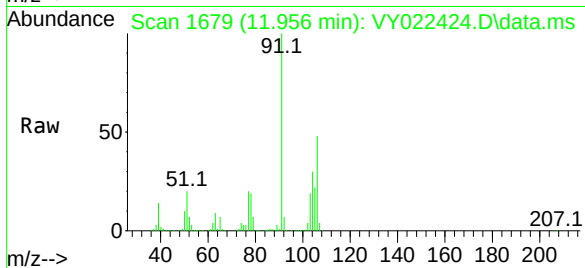
VSTDICCC050

Tgt Ion:106 Resp: 254880

Ion Ratio Lower Upper

106 100

91 212.6 106.3 318.9



#70

Styrene

Concen: 50.969 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

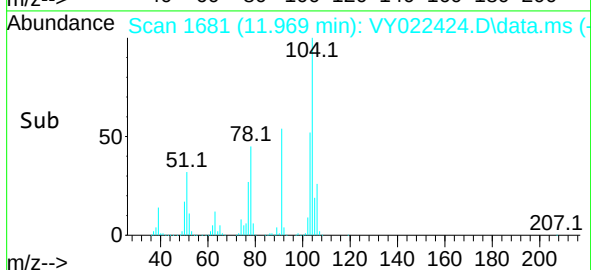
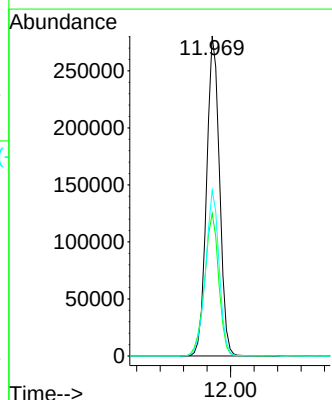
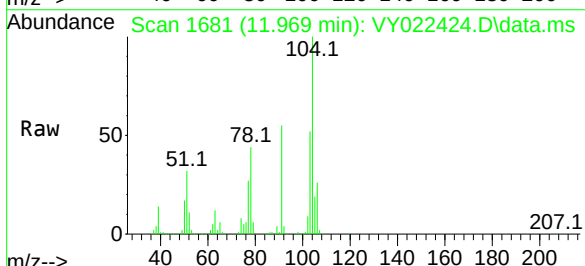
Tgt Ion:104 Resp: 430304

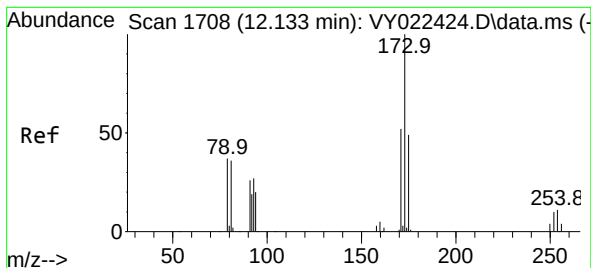
Ion Ratio Lower Upper

104 100

78 48.5 38.8 58.2

103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.626 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

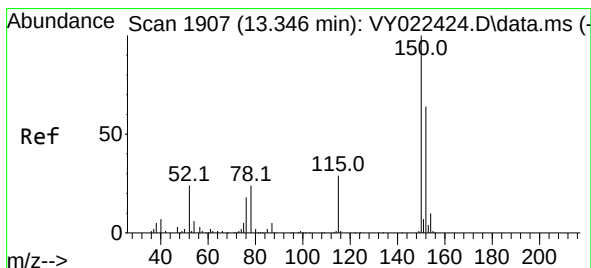
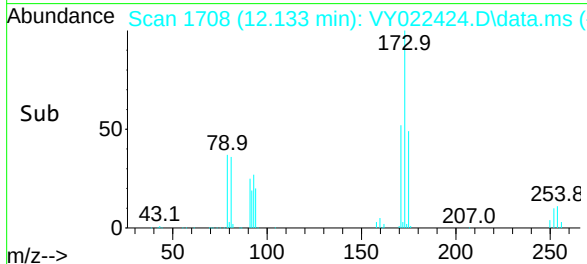
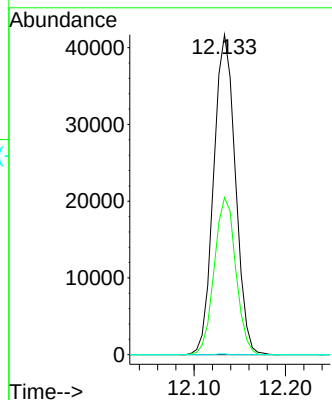
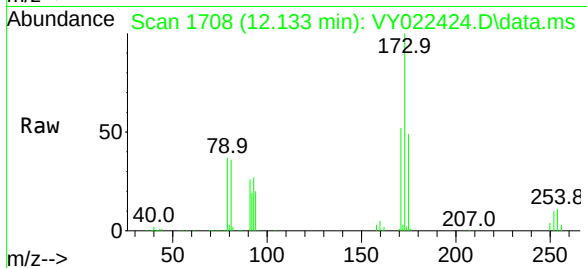
Tgt Ion:173 Resp: 68851

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

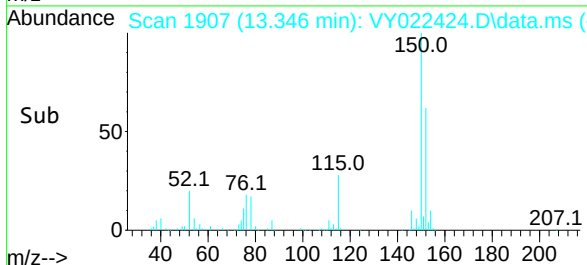
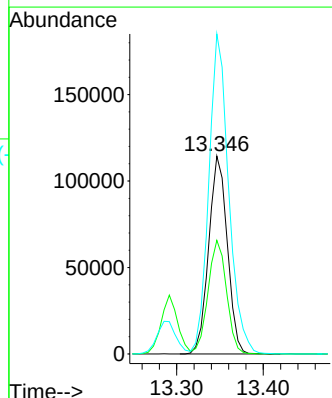
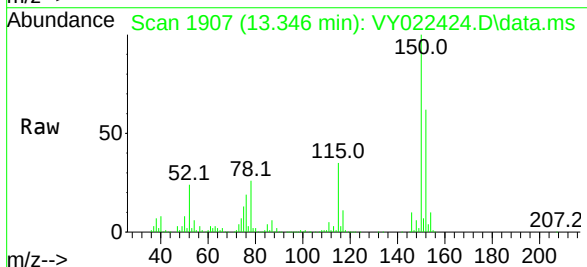
Tgt Ion:152 Resp: 170568

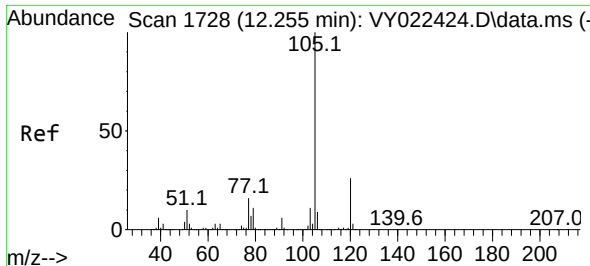
Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.3

150 172.9 0.0 345.8

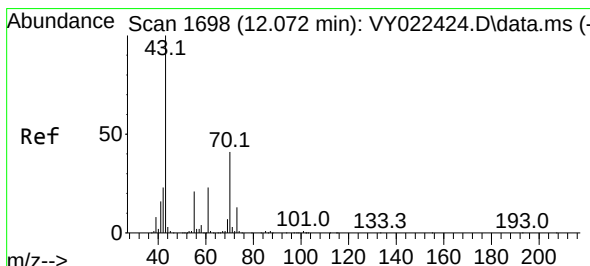
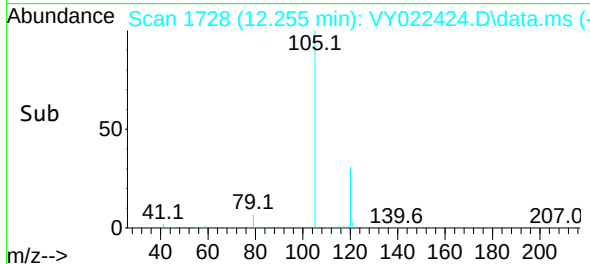
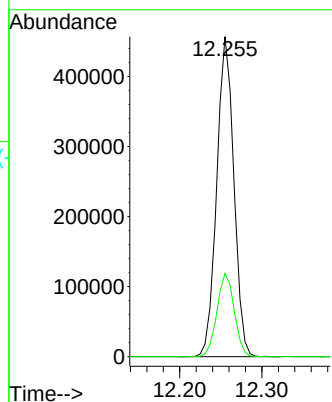
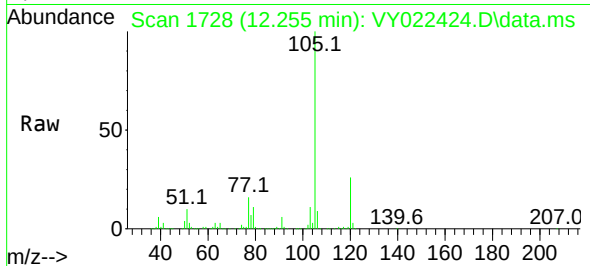




#73
Isopropylbenzene
Concen: 49.183 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

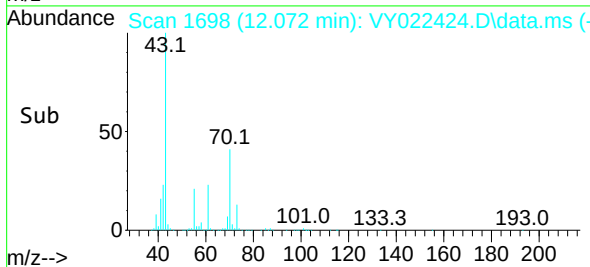
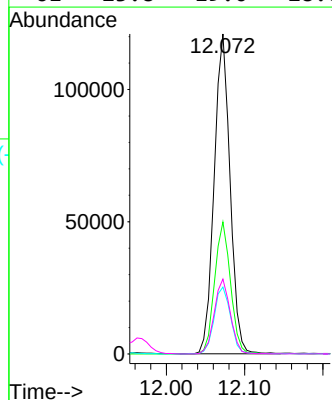
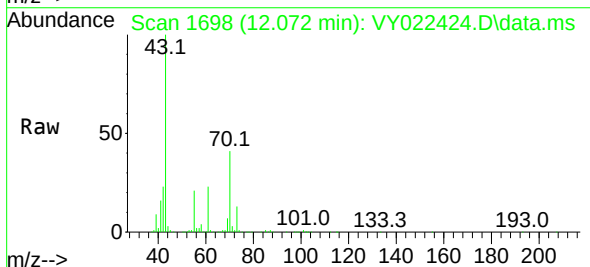
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

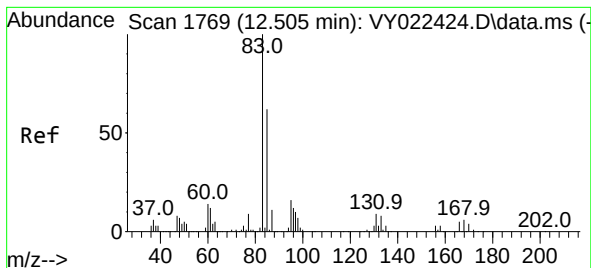
Tgt Ion:105 Resp: 660245
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 51.919 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 43 Resp: 170547
Ion Ratio Lower Upper
43 100
70 41.2 33.0 49.4
55 21.9 17.5 26.3
61 23.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 49.575 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

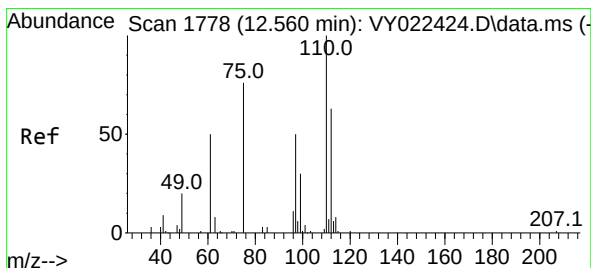
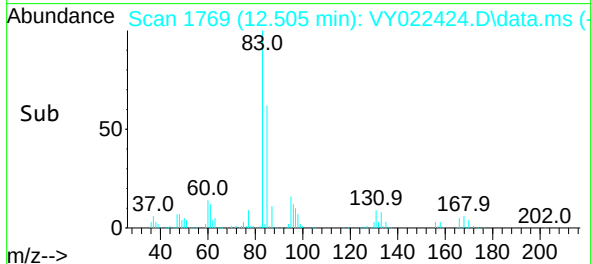
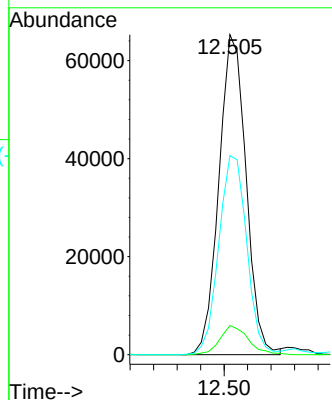
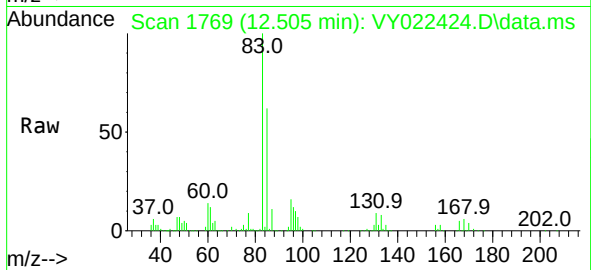
Tgt Ion: 83 Resp: 104852

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 87.554 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022424.D

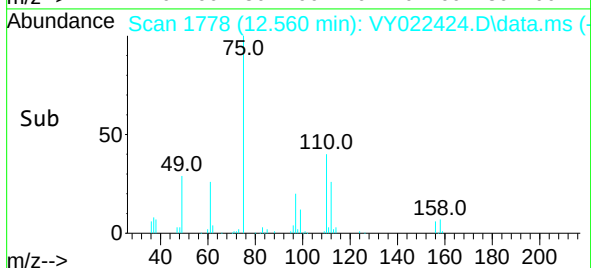
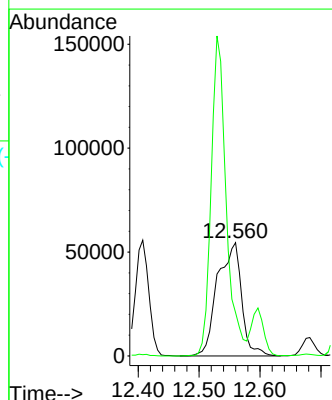
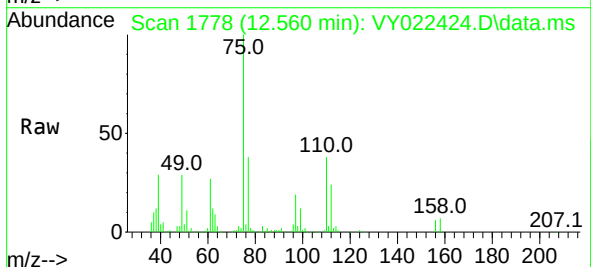
Acq: 27 May 2025 09:59

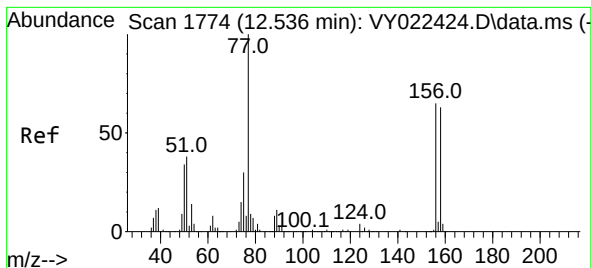
Tgt Ion: 75 Resp: 149588

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.230 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

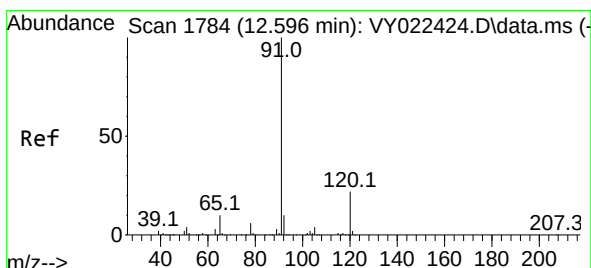
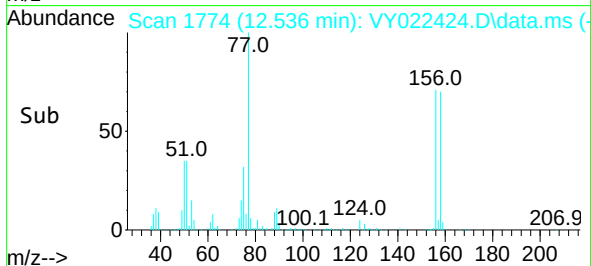
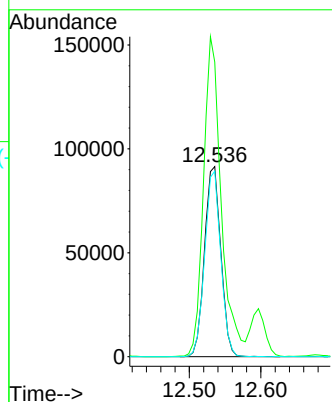
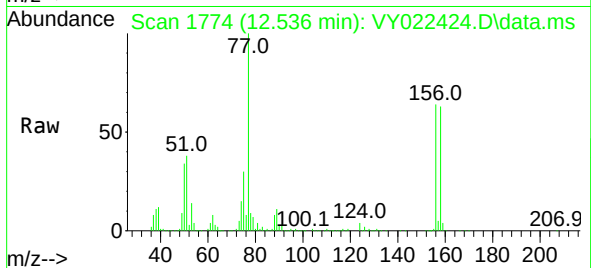
Tgt Ion:156 Resp: 145109

Ion Ratio Lower Upper

156 100

77 182.8 91.4 274.2

158 96.2 48.1 144.3



#78

n-propylbenzene

Concen: 49.859 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022424.D

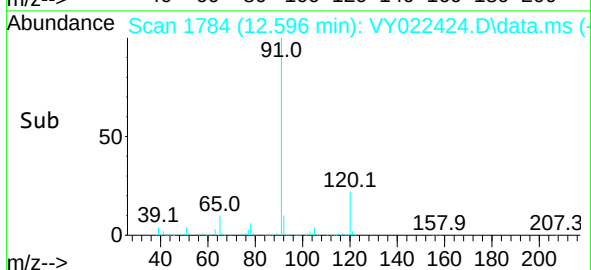
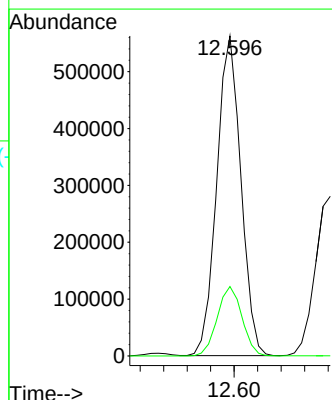
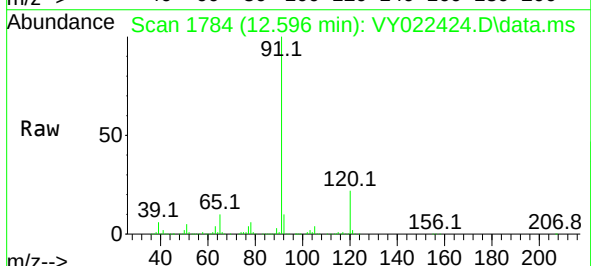
Acq: 27 May 2025 09:59

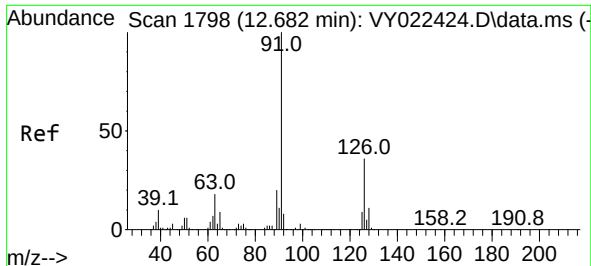
Tgt Ion: 91 Resp: 803233

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 49.254 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

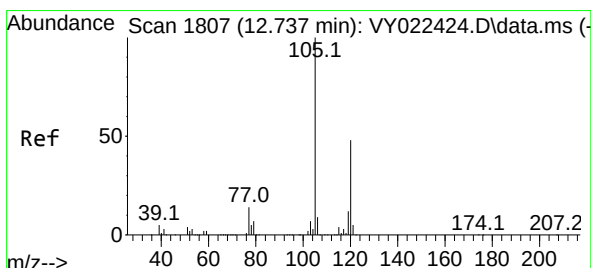
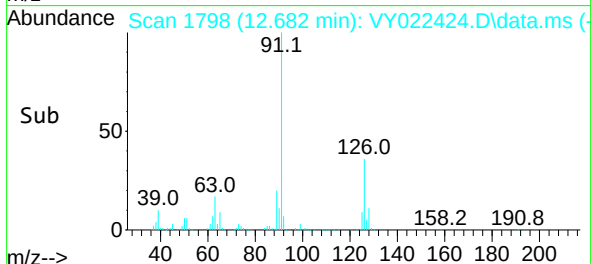
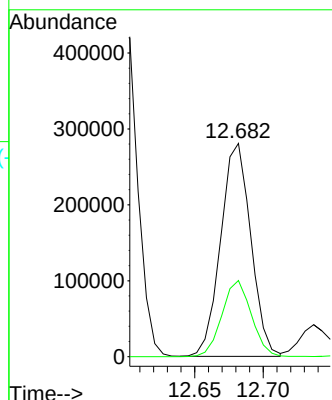
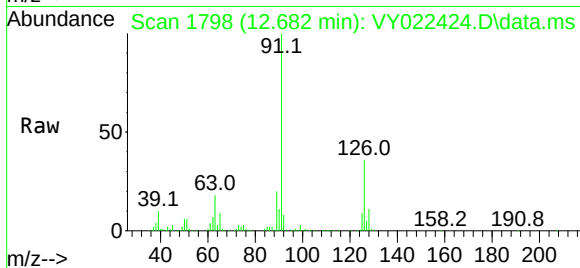
VSTDICCC050

Tgt Ion: 91 Resp: 429534

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.070 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022424.D

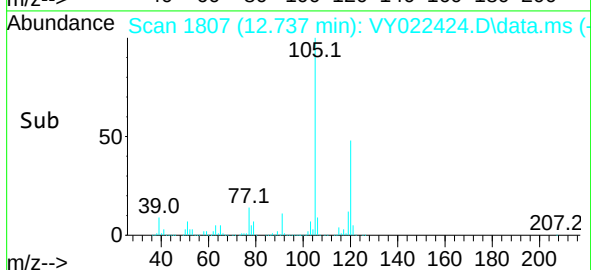
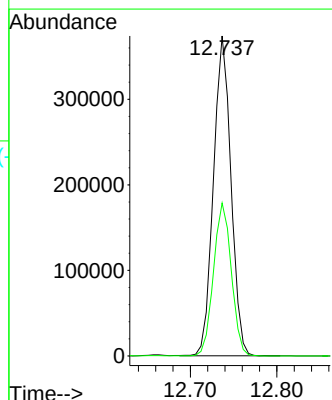
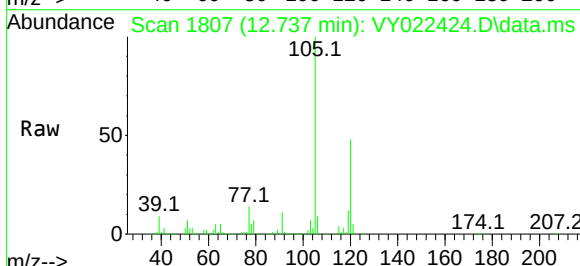
Acq: 27 May 2025 09:59

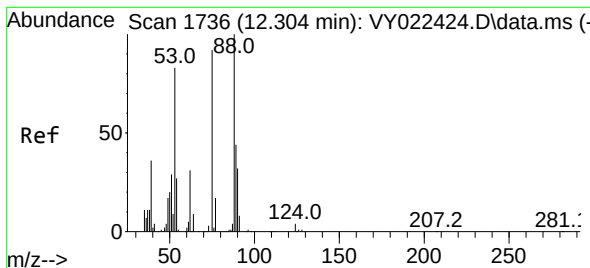
Tgt Ion: 105 Resp: 525186

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0

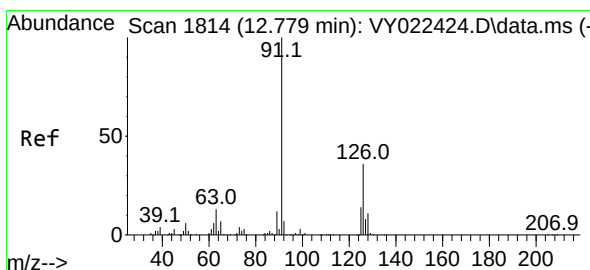
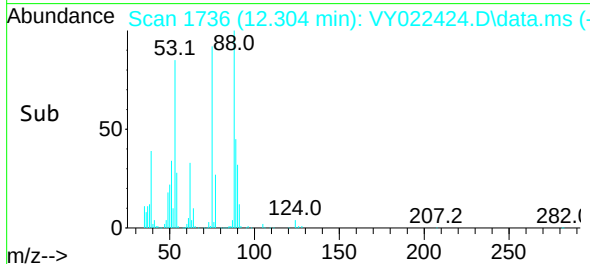
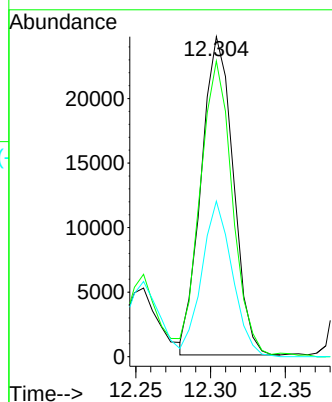
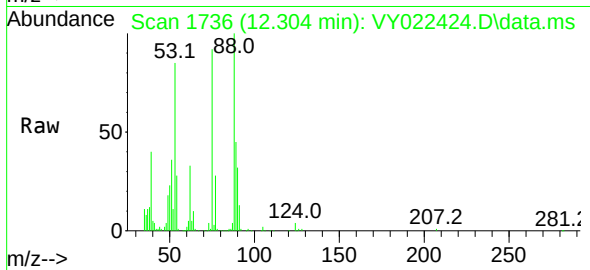




#81
trans-1,4-Dichloro-2-butene
Concen: 48.597 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

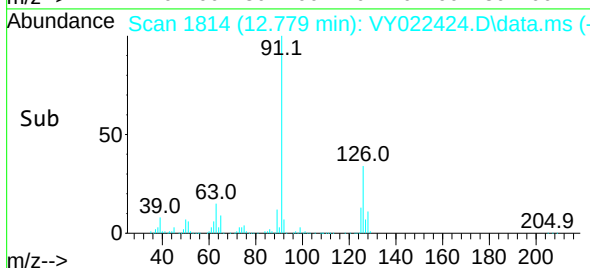
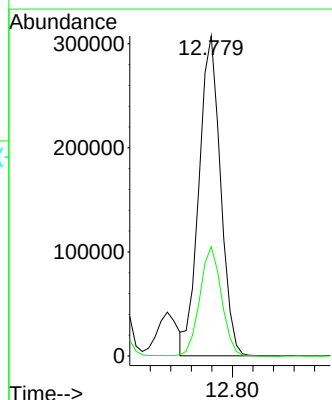
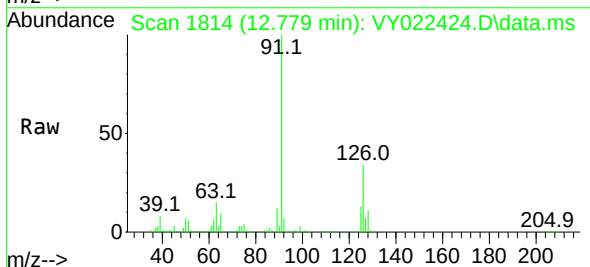
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

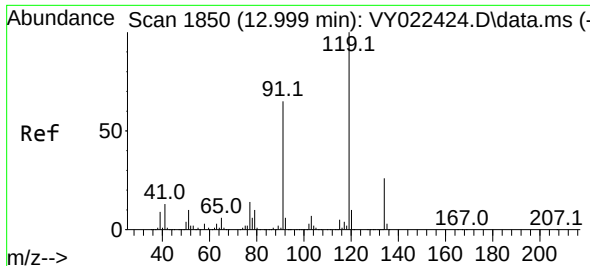
Tgt Ion: 75 Resp: 36715
Ion Ratio Lower Upper
75 100
53 93.9 75.1 112.7
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.734 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 91 Resp: 446697
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

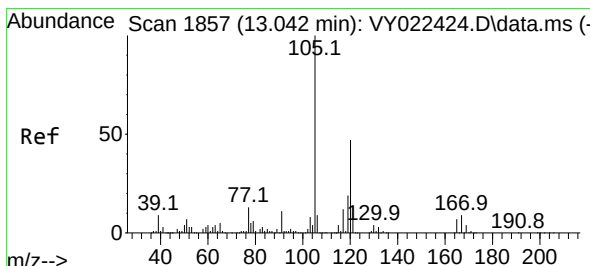
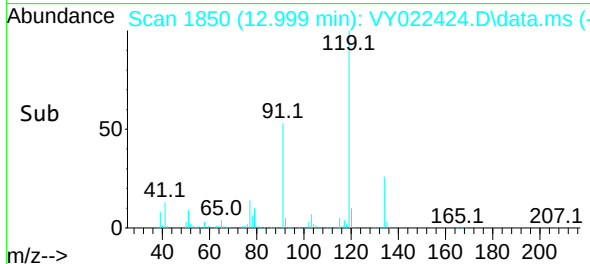
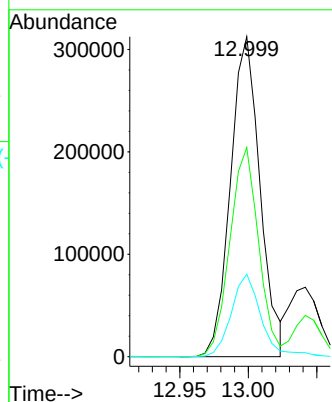
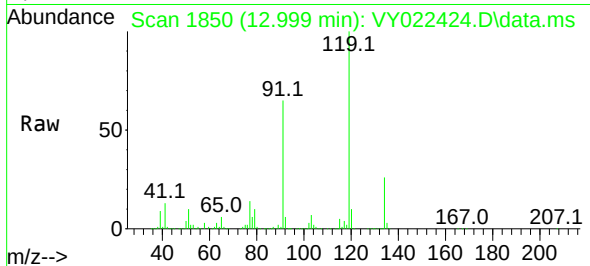




#83
 tert-Butylbenzene
 Concen: 49.598 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

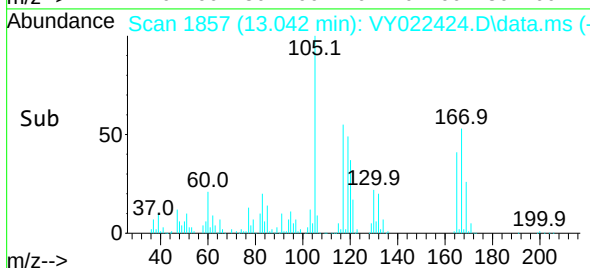
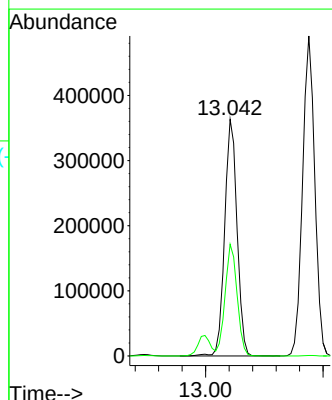
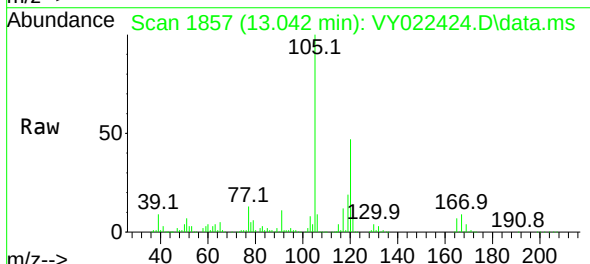
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

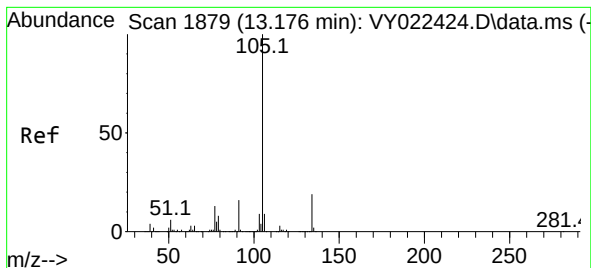
Tgt Ion:119 Resp: 470027
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.8 95.3
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.324 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022424.D
 Acq: 27 May 2025 09:59

Tgt Ion:105 Resp: 531189
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.266 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

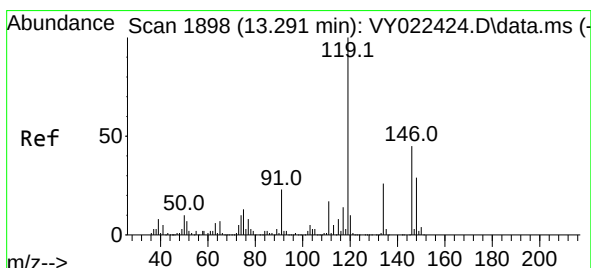
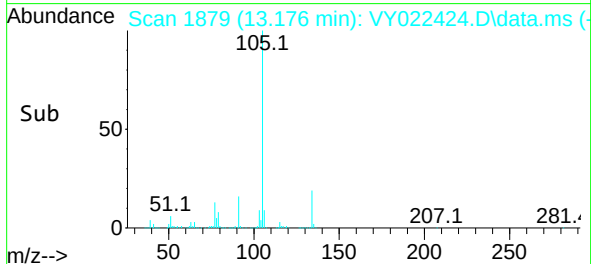
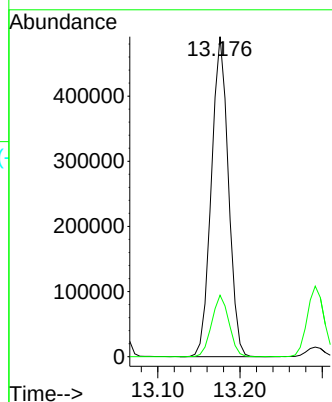
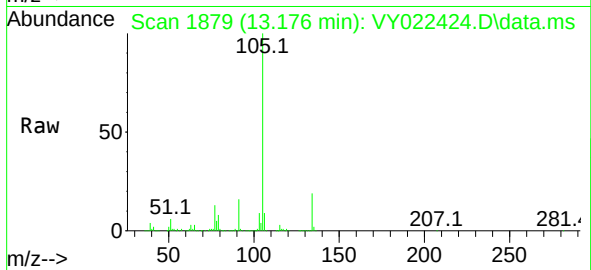
VSTDICCC050

Tgt Ion:105 Resp: 706452

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



#86

p-Isopropyltoluene

Concen: 50.450 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

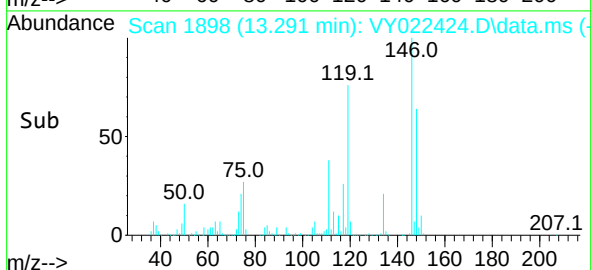
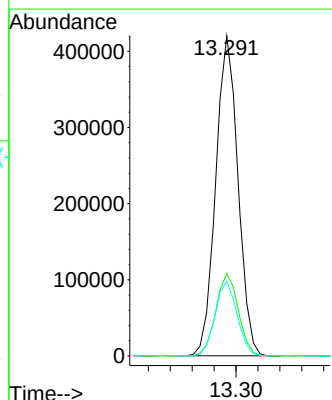
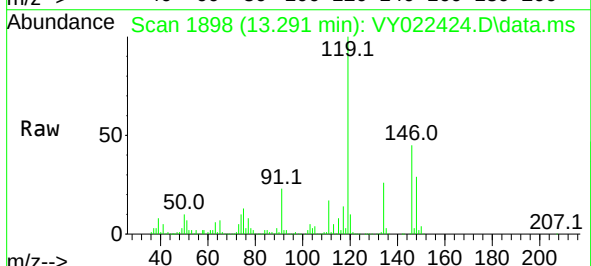
Tgt Ion:119 Resp: 592083

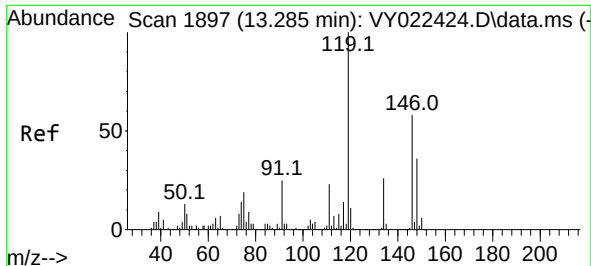
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.2 11.6 34.8

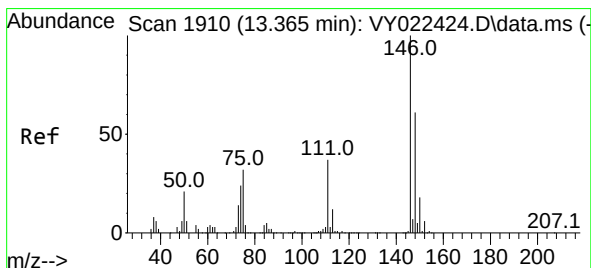
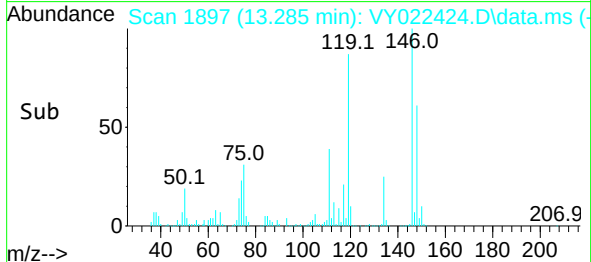
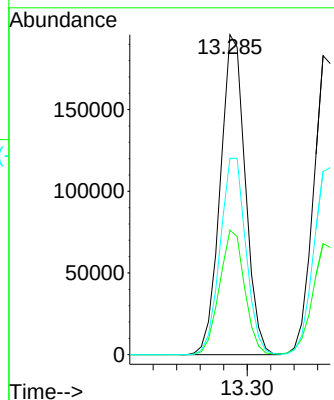
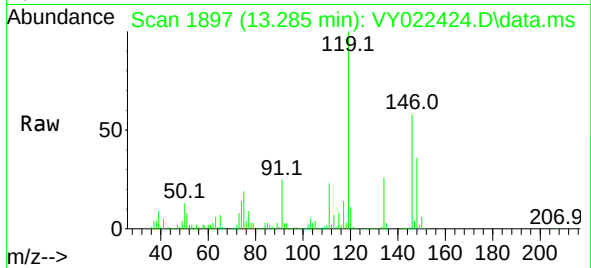




#87
1,3-Dichlorobenzene
Concen: 49.731 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

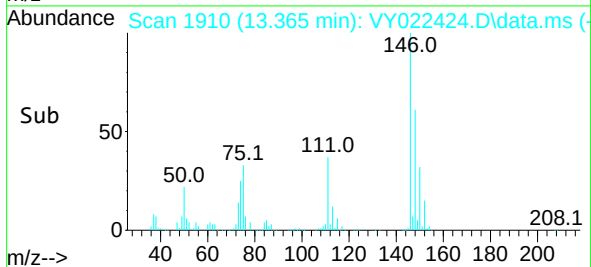
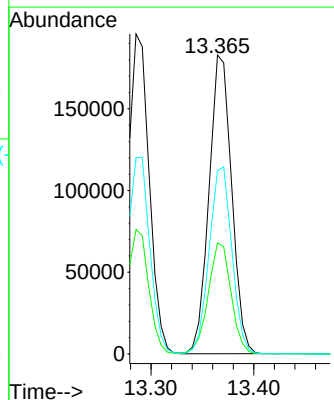
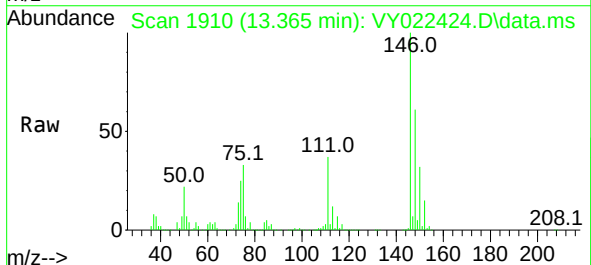
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

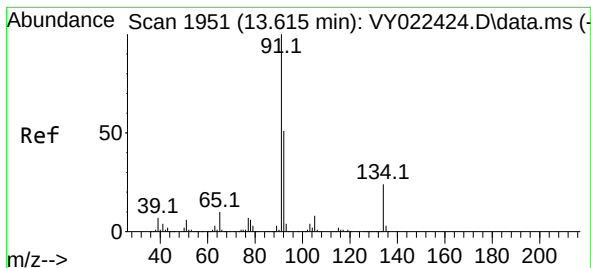
Tgt Ion:146 Resp: 289072
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.8
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.380 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion:146 Resp: 280006
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 62.9 31.4 94.3





#89

n-Butylbenzene

Concen: 51.626 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

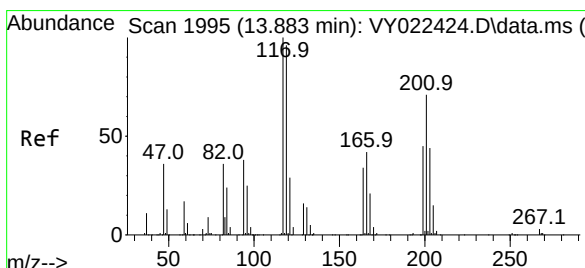
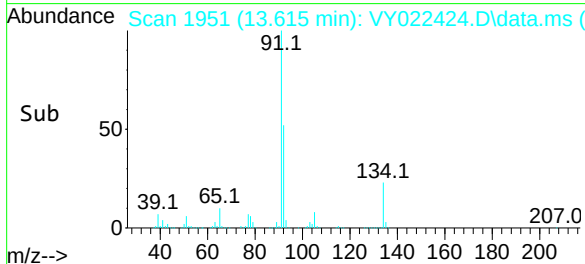
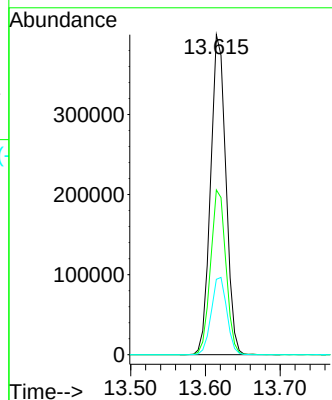
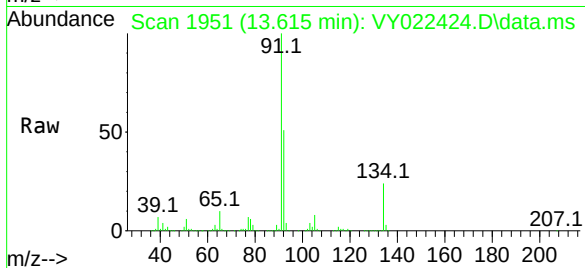
Tgt Ion: 91 Resp: 568088

Ion Ratio Lower Upper

91 100

92 51.7 25.9 77.6

134 24.7 12.4 37.0



#90

Hexachloroethane

Concen: 50.287 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022424.D

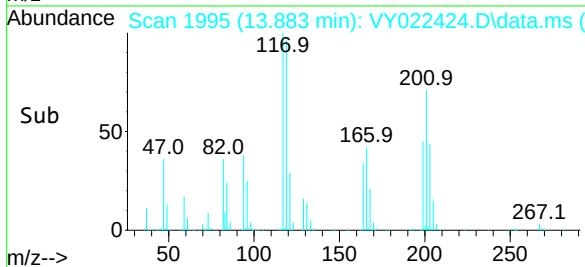
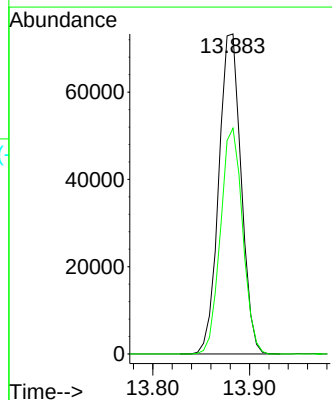
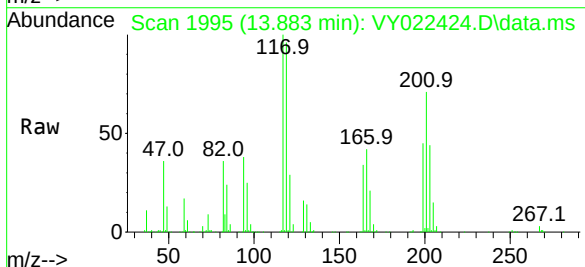
Acq: 27 May 2025 09:59

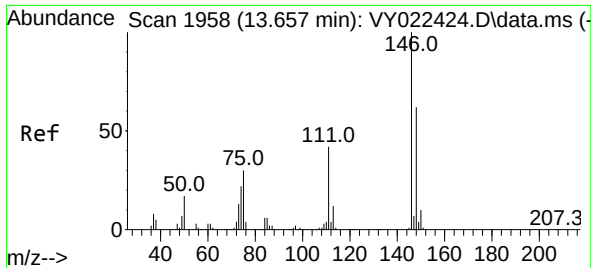
Tgt Ion: 117 Resp: 117444

Ion Ratio Lower Upper

117 100

201 70.0 35.0 105.0

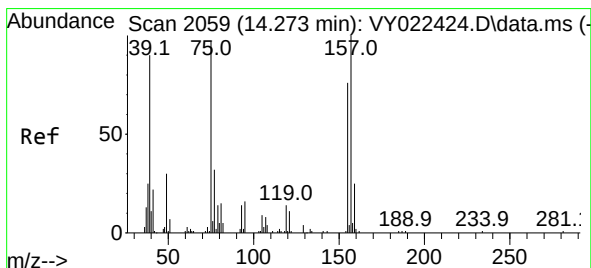
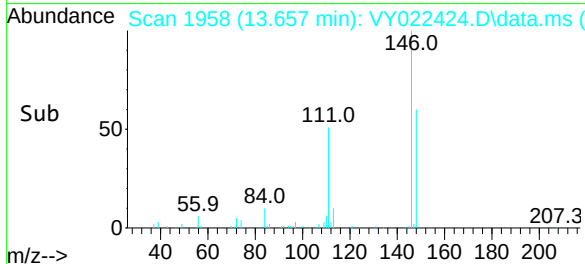
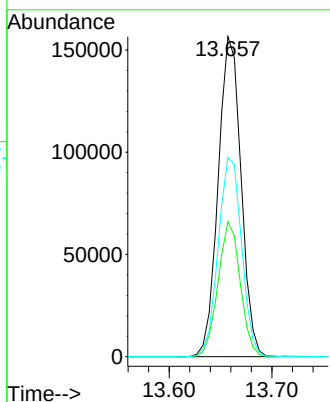
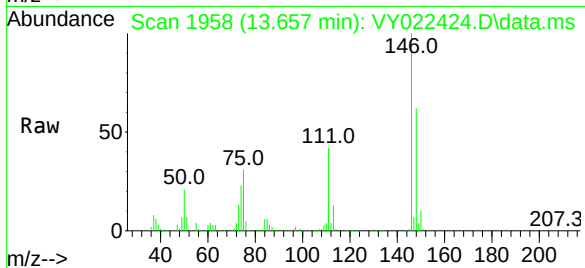




#91
1,2-Dichlorobenzene
Concen: 49.756 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

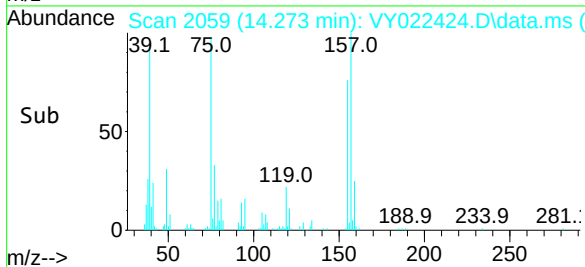
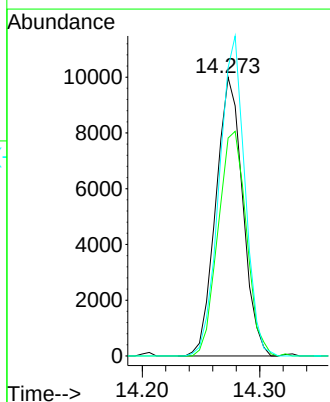
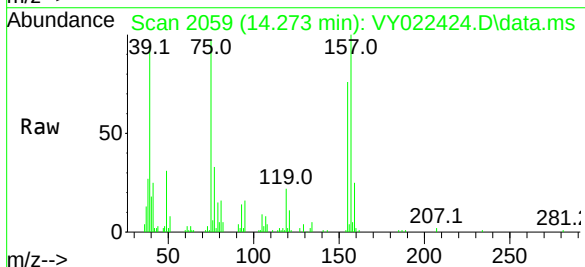
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

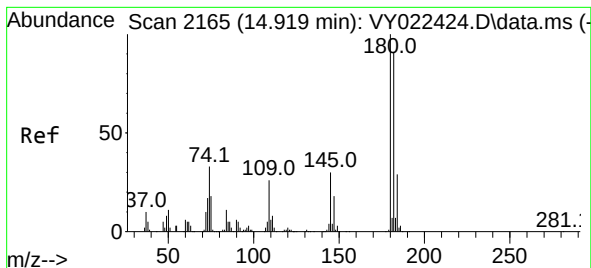
Tgt Ion:146 Resp: 241569
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.741 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022424.D
Acq: 27 May 2025 09:59

Tgt Ion: 75 Resp: 15930
Ion Ratio Lower Upper
75 100
155 84.5 42.3 126.8
157 108.9 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.462 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

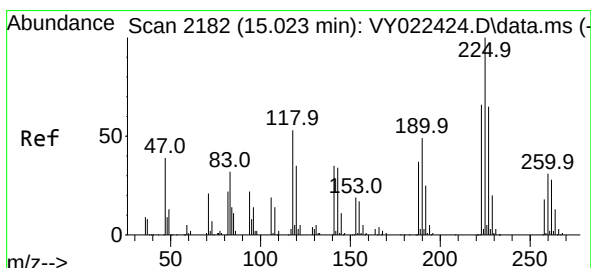
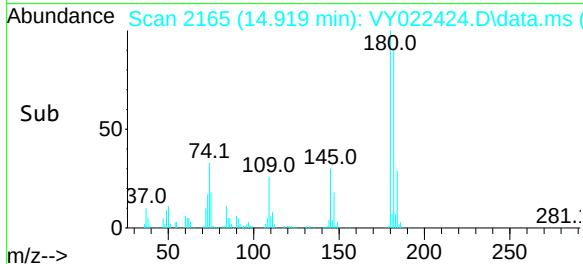
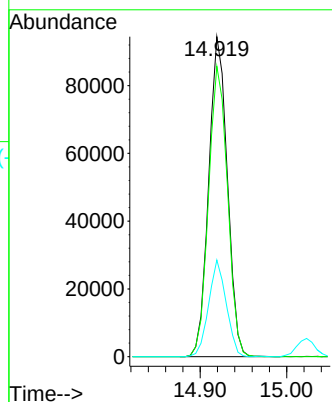
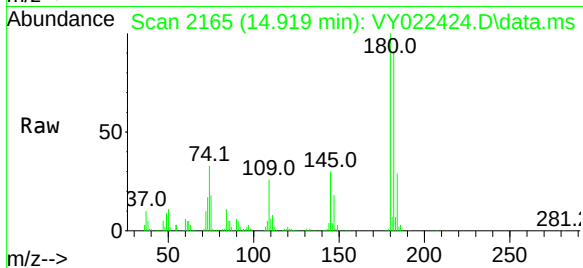
Tgt Ion:180 Resp: 141204

Ion Ratio Lower Upper

180 100

182 92.4 46.2 138.6

145 28.5 14.2 42.8



#94

Hexachlorobutadiene

Concen: 51.250 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

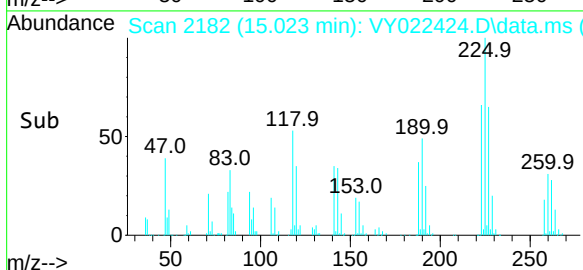
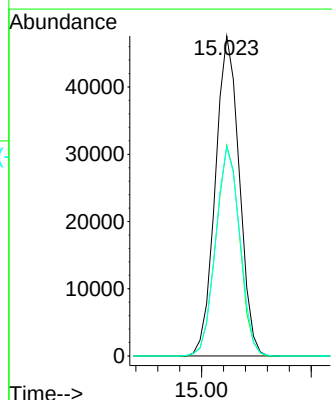
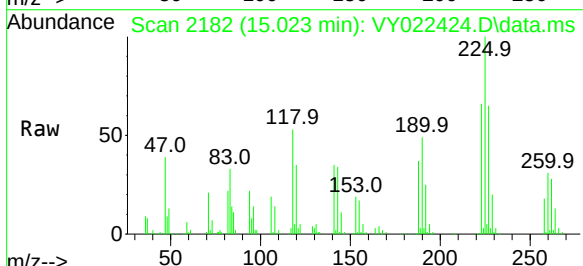
Tgt Ion:225 Resp: 72391

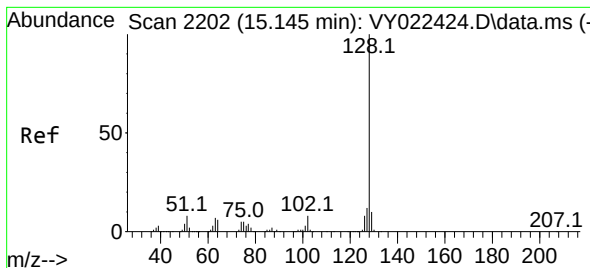
Ion Ratio Lower Upper

225 100

223 65.1 32.6 97.7

227 66.0 33.0 99.0





#95

Naphthalene

Concen: 53.269 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

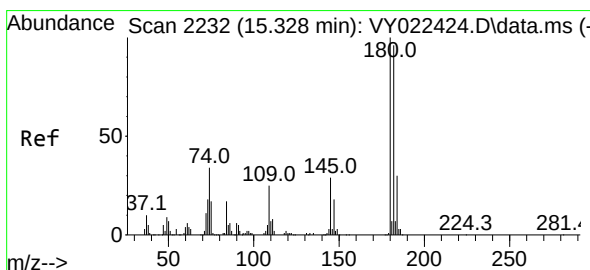
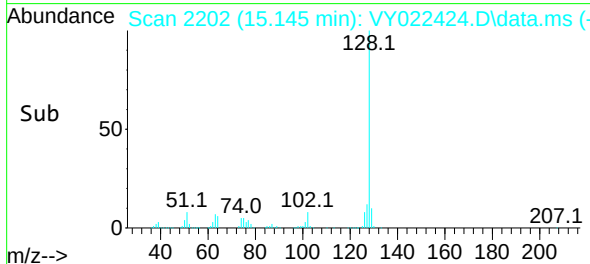
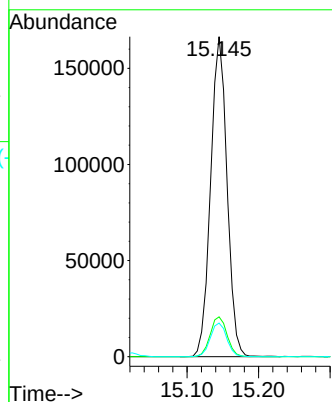
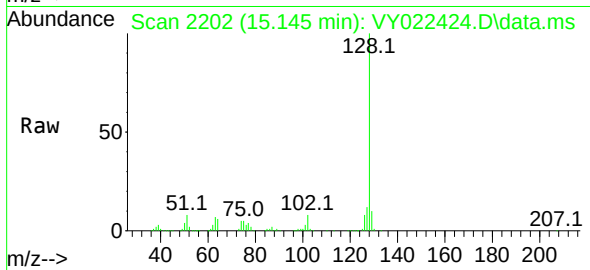
Tgt Ion:128 Resp: 265056

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.826 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022424.D

Acq: 27 May 2025 09:59

Tgt Ion:180 Resp: 116609

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 29.7 14.9 44.5

