

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022440.D
 Acq On : 28 May 2025 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 01:50:19 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	219862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	381092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	326755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	129496	55.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.840%	
35) Dibromofluoromethane	7.640	113	117313	52.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.120%	
50) Toluene-d8	10.109	98	474174	52.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	12.408	95	140463	51.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	92277	43.991	ug/l	99
3) Chloromethane	2.068	50	308387	59.768	ug/l	99
4) Vinyl Chloride	2.208	62	357873	57.093	ug/l	100
5) Bromomethane	2.598	94	309263	54.293	ug/l	98
6) Chloroethane	2.739	64	246885	60.274	ug/l	100
7) Trichlorofluoromethane	3.056	101	275124	52.022	ug/l	100
8) Diethyl Ether	3.464	74	63948	52.441	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	116717	50.305	ug/l	98
10) Methyl Iodide	4.013	142	134505	51.385	ug/l	98
11) Tert butyl alcohol	4.884	59	45079	276.159	ug/l	98
12) 1,1-Dichloroethene	3.799	96	114752	49.816	ug/l	92
13) Acrolein	3.659	56	63769	260.722	ug/l	99
14) Allyl chloride	4.391	41	180387	52.058	ug/l	100
15) Acrylonitrile	5.067	53	135202	275.066	ug/l	98
16) Acetone	3.885	43	99131	260.497	ug/l #	88
17) Carbon Disulfide	4.116	76	364815	49.627	ug/l	100
18) Methyl Acetate	4.391	43	82298	57.733	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	326440	53.378	ug/l	95
20) Methylene Chloride	4.628	84	129297	48.115	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	125292	49.822	ug/l	98
22) Diisopropyl ether	6.031	45	395444	51.708	ug/l	98
23) Vinyl Acetate	5.970	43	1155616	263.171	ug/l	100
24) 1,1-Dichloroethane	5.927	63	234094	51.802	ug/l	99
25) 2-Butanone	6.908	43	171537	270.662	ug/l	98
26) 2,2-Dichloropropane	6.896	77	204691	50.024	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	151248	51.952	ug/l	98
28) Bromochloromethane	7.250	49	105373	55.841	ug/l	99
29) Tetrahydrofuran	7.268	42	116666	276.019	ug/l	99
30) Chloroform	7.427	83	234746	52.718	ug/l	98
31) Cyclohexane	7.707	56	211827	47.553	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	206293	51.047	ug/l	100
36) 1,1-Dichloropropene	7.841	75	173349	48.948	ug/l	98
37) Ethyl Acetate	6.994	43	80750	53.651	ug/l	98
38) Carbon Tetrachloride	7.823	117	179942	48.775	ug/l	98
39) Methylcyclohexane	9.115	83	222990	47.368	ug/l	98
40) Benzene	8.085	78	527461	50.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.274	41	69302	75.865	ug/l #	50
42) 1,2-Dichloroethane	8.164	62	144277	51.839	ug/l	100
43) Isopropyl Acetate	8.201	43	172601	52.480	ug/l	98
44) Trichloroethene	8.872	130	128886	49.475	ug/l	98
45) 1,2-Dichloropropane	9.146	63	126236	50.985	ug/l	98
46) Dibromomethane	9.237	93	70247	50.789	ug/l	98
47) Bromodichloromethane	9.426	83	182467	51.302	ug/l	99
48) Methyl methacrylate	9.225	41	81223	53.202	ug/l	100
49) 1,4-Dioxane	9.231	88	16125	1055.512	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	443819	273.500	ug/l	99
52) Toluene	10.176	92	328633	49.929	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	170870	51.576	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	196125	50.381	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	90672	51.850	ug/l	100
56) Ethyl methacrylate	10.444	69	131068	52.229	ug/l	99
57) 1,3-Dichloropropane	10.719	76	159029	51.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	350572	280.303	ug/l	98
59) 2-Hexanone	10.768	43	296466	278.776	ug/l	100
60) Dibromochloromethane	10.914	129	115150	51.548	ug/l	98
61) 1,2-Dibromoethane	11.018	107	82633	51.664	ug/l	100
64) Tetrachloroethene	10.652	164	139129	49.996	ug/l	97
65) Chlorobenzene	11.444	112	348132	49.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	119298	50.536	ug/l	99
67) Ethyl Benzene	11.524	91	638589	49.361	ug/l	100
68) m/p-Xylenes	11.633	106	481558	98.178	ug/l	100
69) o-Xylene	11.956	106	228881	49.650	ug/l	99
70) Styrene	11.975	104	386573	50.362	ug/l	99
71) Bromoform	12.133	173	64049	51.798	ug/l #	99
73) Isopropylbenzene	12.261	105	588277	48.614	ug/l	100
74) N-amyl acetate	12.072	43	155489	52.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	96746	50.744	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	140247	91.064	ug/l #	100
77) Bromobenzene	12.536	156	128422	49.315	ug/l	98
78) n-propylbenzene	12.596	91	713880	49.158	ug/l	100
79) 2-Chlorotoluene	12.682	91	386429	49.157	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	466911	49.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	33880	49.749	ug/l	98
82) 4-Chlorotoluene	12.779	91	394525	48.729	ug/l	100
83) tert-Butylbenzene	12.999	119	427128	50.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	475831	50.009	ug/l	100
85) sec-Butylbenzene	13.176	105	628418	49.604	ug/l	100
86) p-Isopropyltoluene	13.291	119	523985	49.530	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	258344	49.305	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	248406	49.582	ug/l	98
89) n-Butylbenzene	13.621	91	500896	50.498	ug/l	99
90) Hexachloroethane	13.883	117	104014	49.407	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	221206	50.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15413	52.317	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	126513	52.144	ug/l	98
94) Hexachlorobutadiene	15.029	225	63620	49.966	ug/l	98
95) Naphthalene	15.145	128	242310	54.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	107266	53.908	ug/l	98

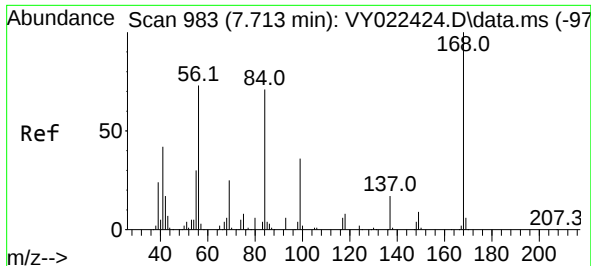
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
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QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

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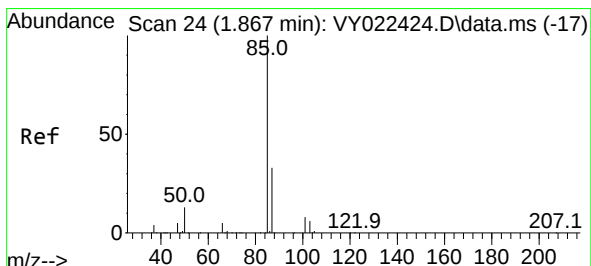
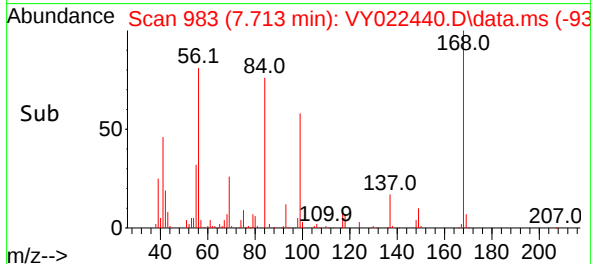
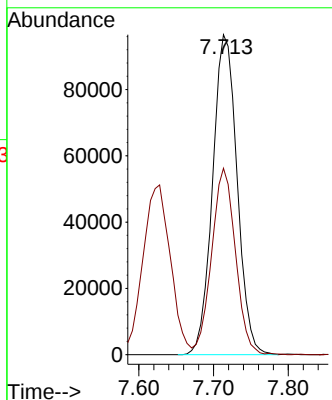
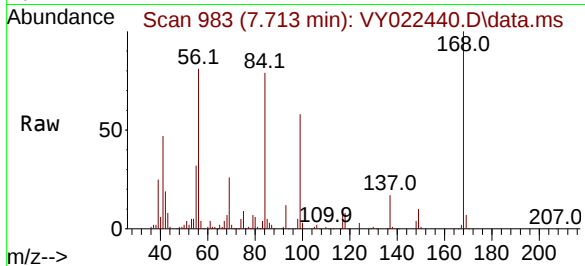
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

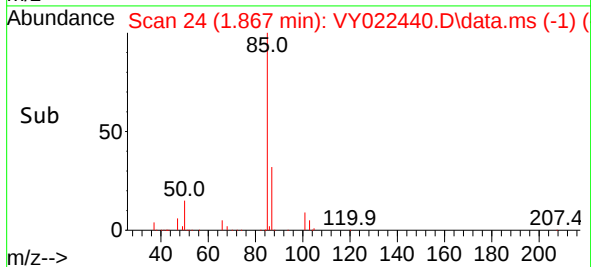
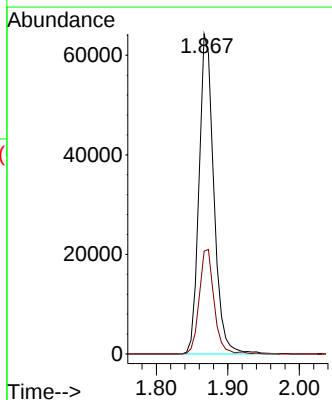
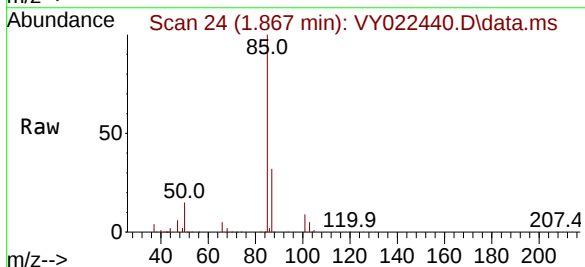
Instrument :
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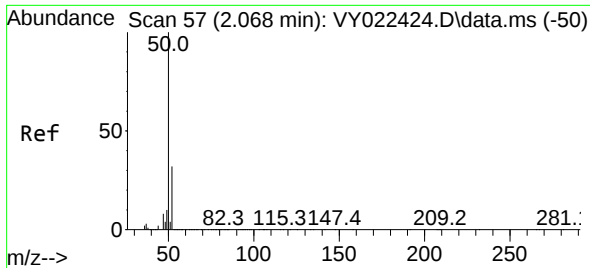
Tgt Ion:168 Resp: 219862
Ion Ratio Lower Upper
168 100
99 58.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 43.991 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 85 Resp: 92277
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

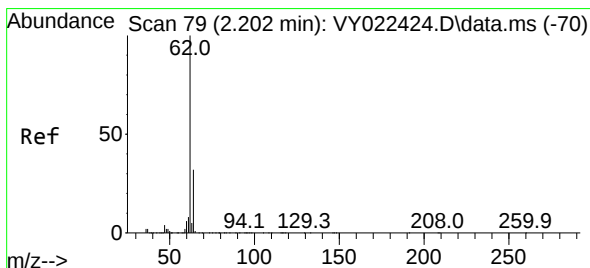
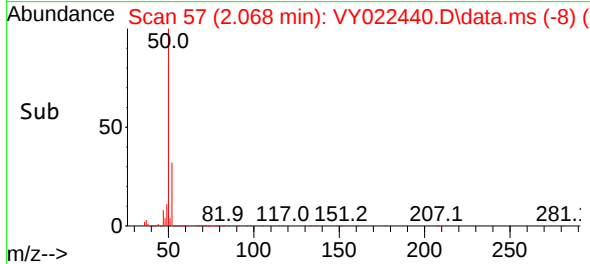
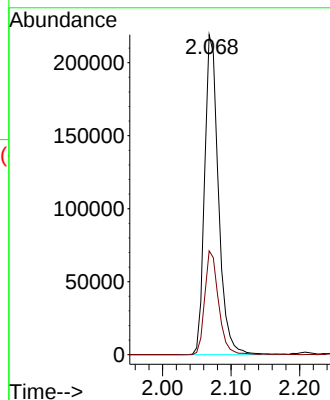
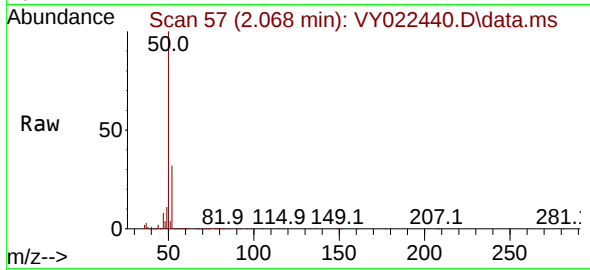




#3
Chloromethane
Concen: 59.768 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

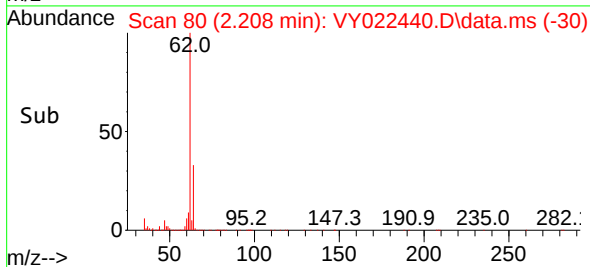
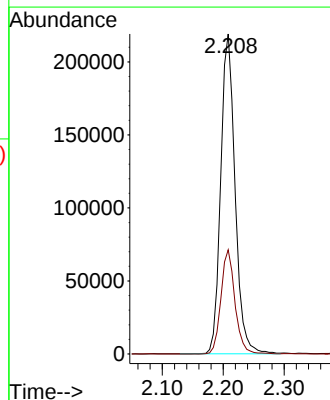
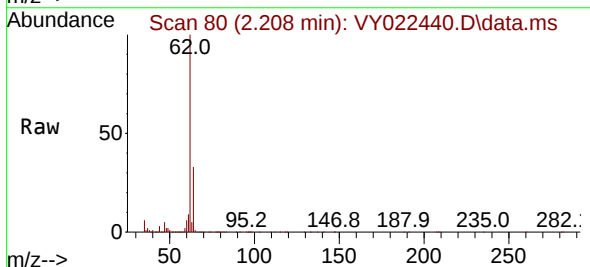
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ClientSampleId :
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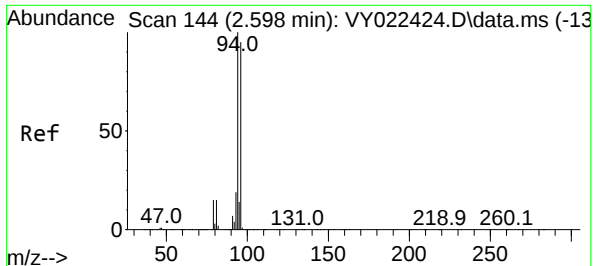
Tgt Ion: 50 Resp: 308387
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 57.093 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 62 Resp: 357873
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

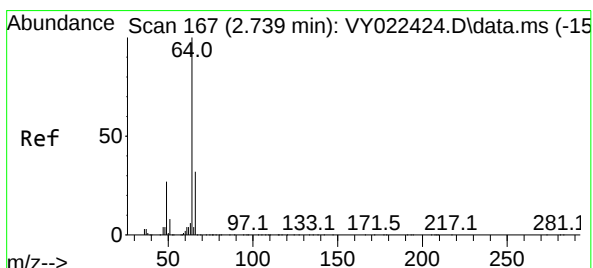
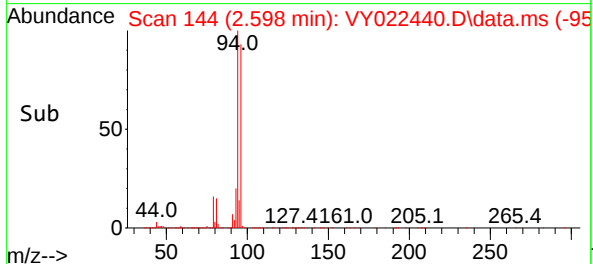
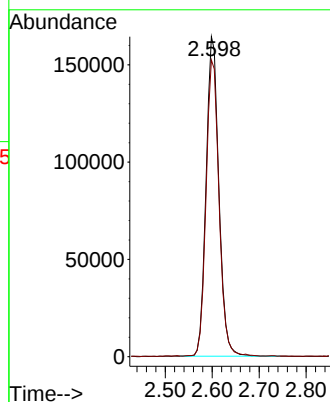
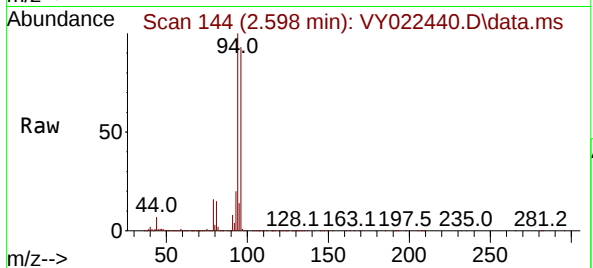




#5
Bromomethane
Concen: 54.293 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

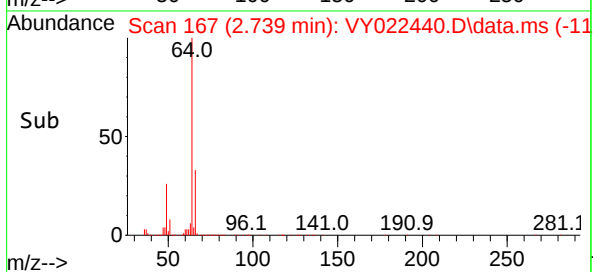
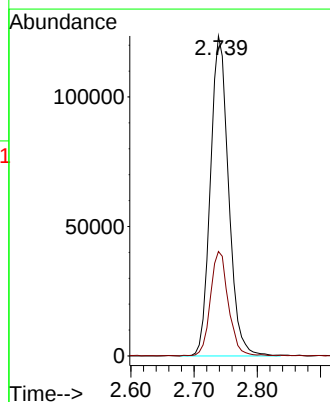
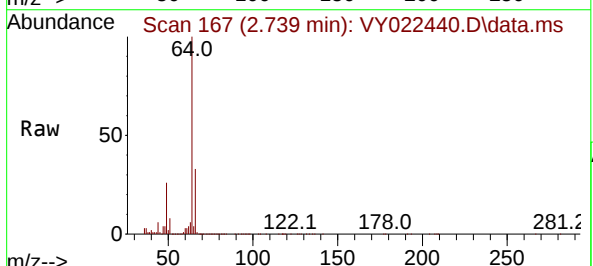
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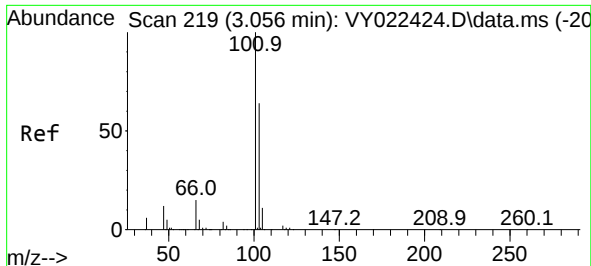
Tgt Ion: 94 Resp: 309263
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0



#6
Chloroethane
Concen: 60.274 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 64 Resp: 246885
Ion Ratio Lower Upper
64 100
66 32.6 25.9 38.9

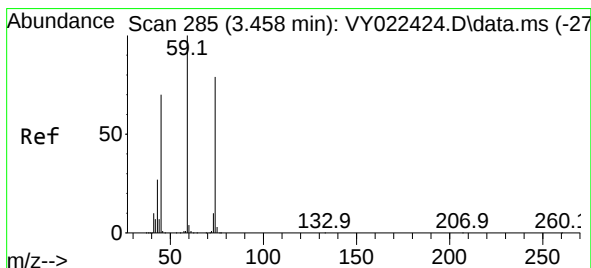
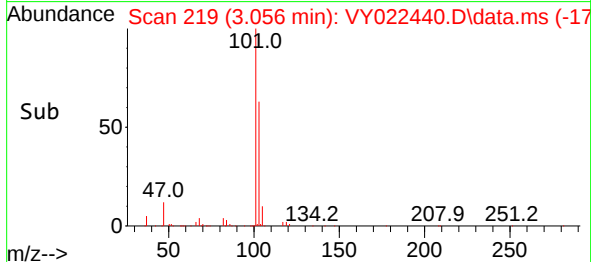
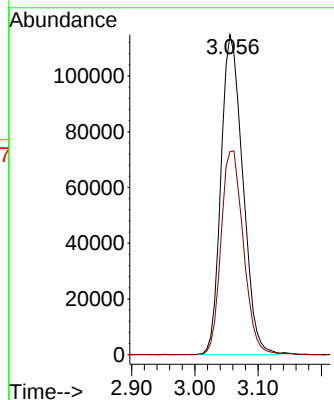
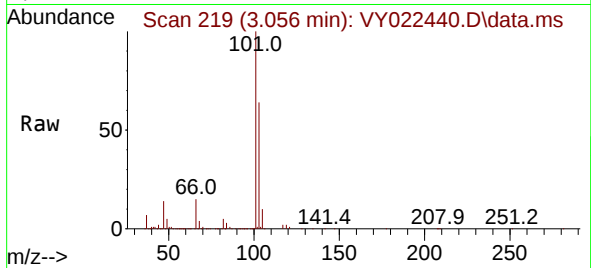




#7
 Trichlorofluoromethane
 Concen: 52.022 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

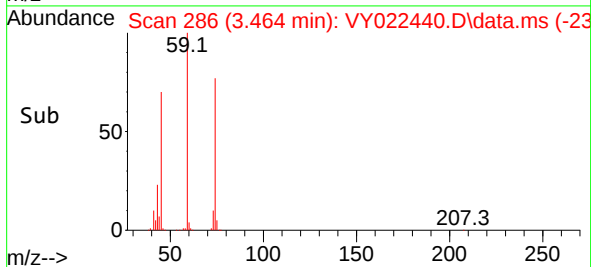
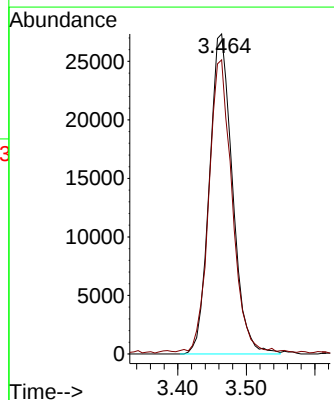
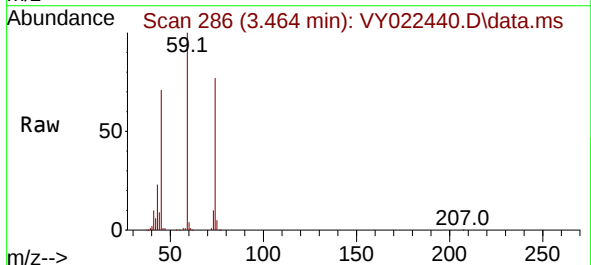
Instrument :
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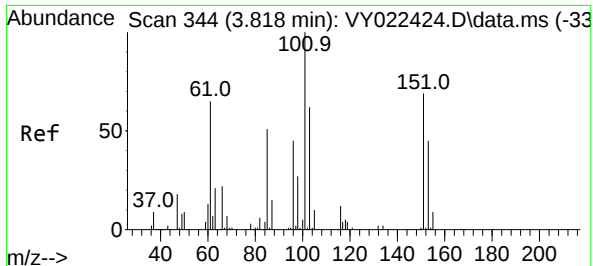
Tgt Ion:101 Resp: 275124
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 52.441 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

Tgt Ion: 74 Resp: 63948
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.9 134.5

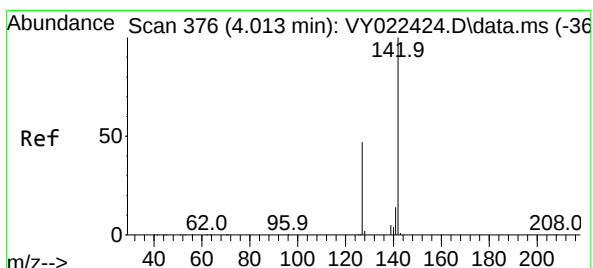
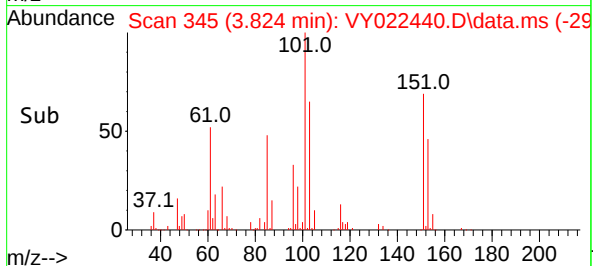
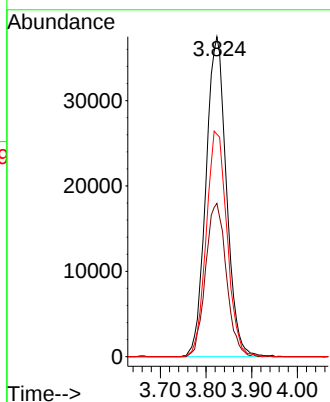
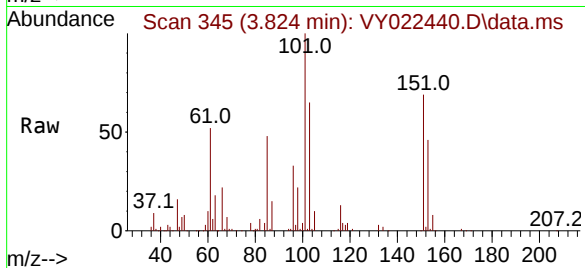




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.305 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022440.D
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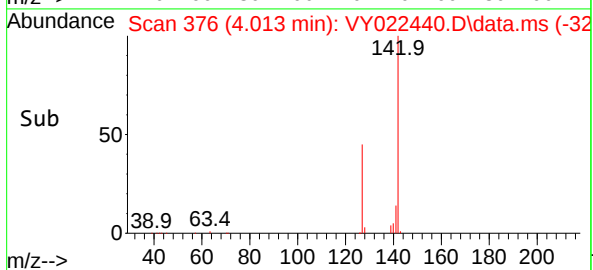
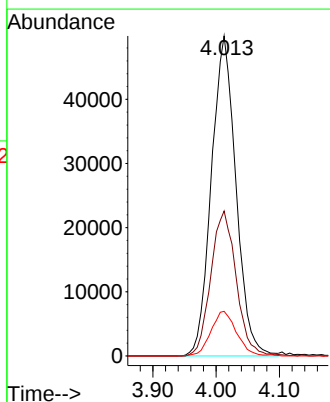
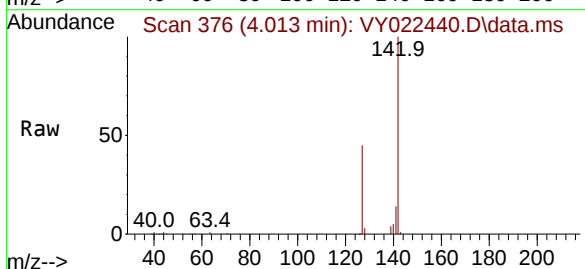
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

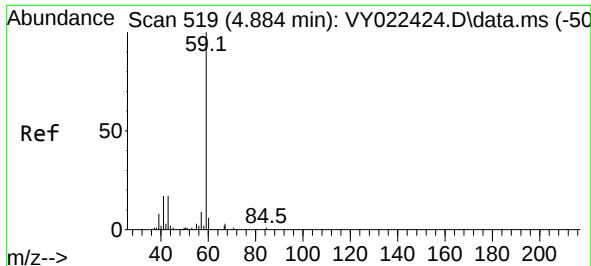
Tgt Ion:101 Resp: 116717
Ion Ratio Lower Upper
101 100
85 48.6 39.2 58.8
151 71.5 58.8 88.2



#10
Methyl Iodide
Concen: 51.385 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:142 Resp: 134505
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.4
141 14.5 11.6 17.4

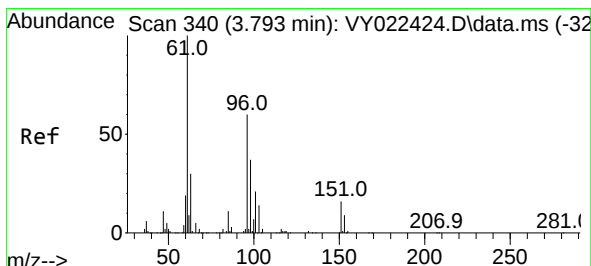
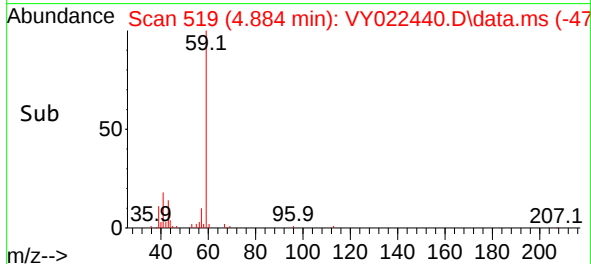
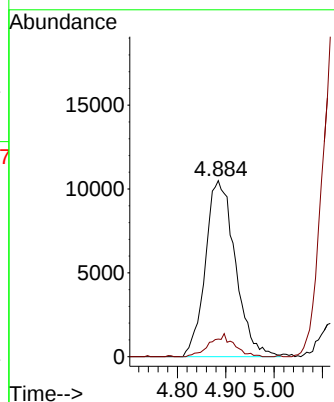
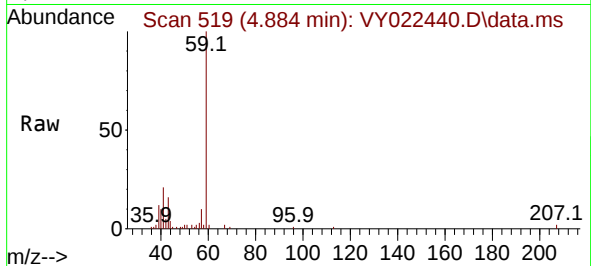




#11
Tert butyl alcohol
Concen: 276.159 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

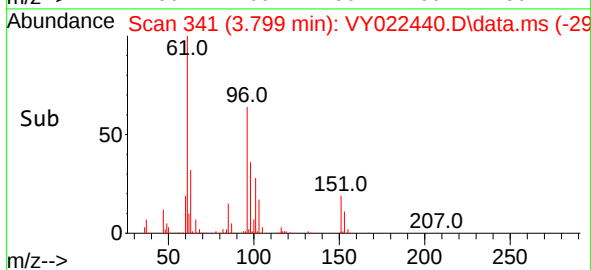
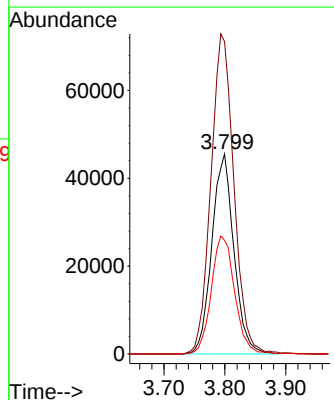
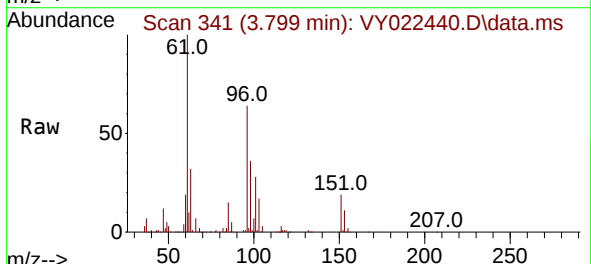
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

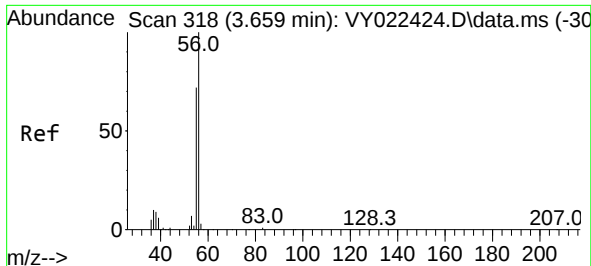
Tgt Ion: 59 Resp: 45079
Ion Ratio Lower Upper
59 100
57 10.5 9.1 13.7



#12
1,1-Dichloroethene
Concen: 49.816 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 96 Resp: 114752
Ion Ratio Lower Upper
96 100
61 156.1 134.1 201.1
98 56.8 50.2 75.2

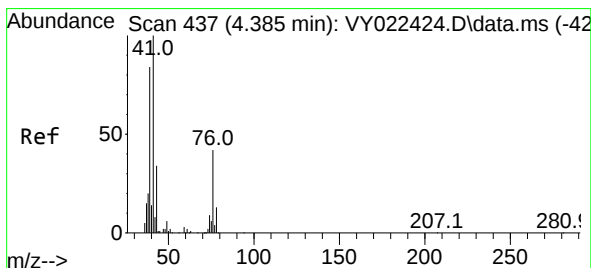
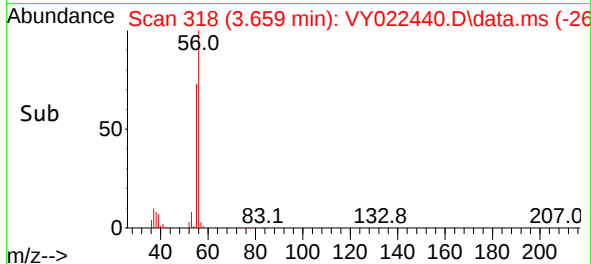
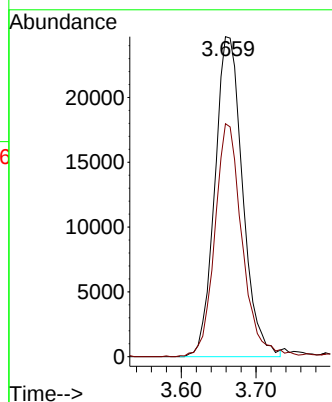
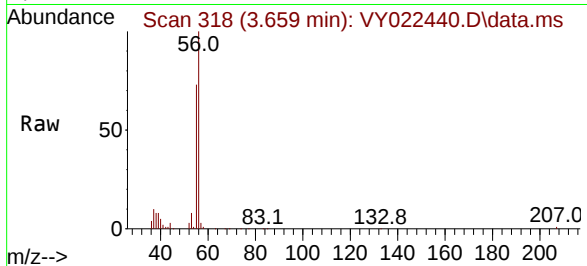




#13
Acrolein
Concen: 260.722 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

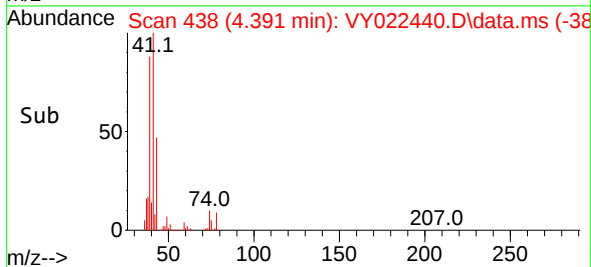
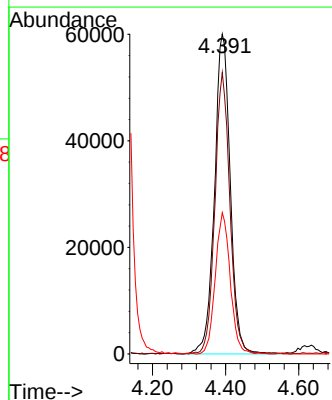
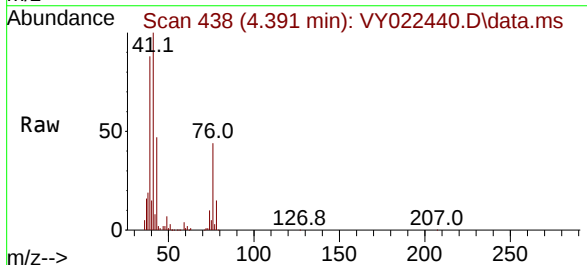
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

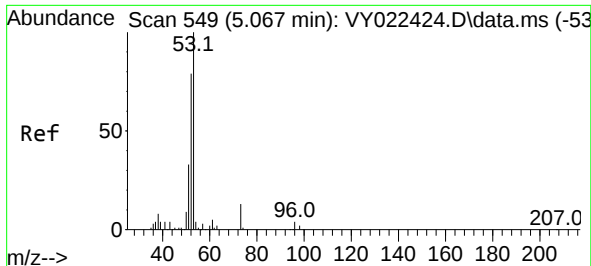
Tgt Ion: 56 Resp: 63769
Ion Ratio Lower Upper
56 100
55 71.6 56.5 84.7



#14
Allyl chloride
Concen: 52.058 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 41 Resp: 180387
Ion Ratio Lower Upper
41 100
39 83.5 66.6 100.0
76 41.6 33.7 50.5

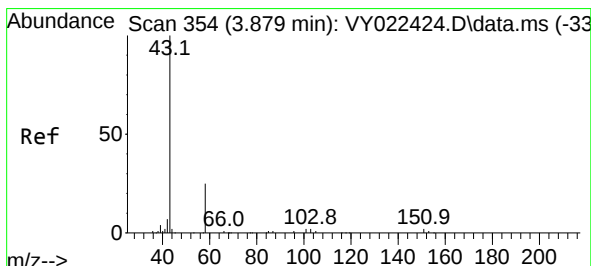
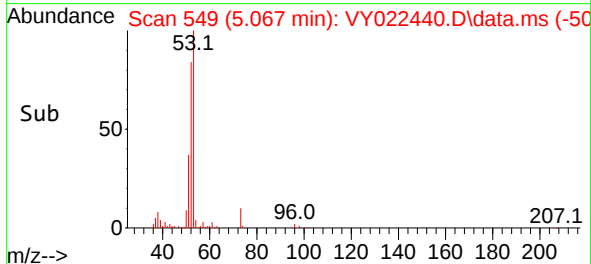
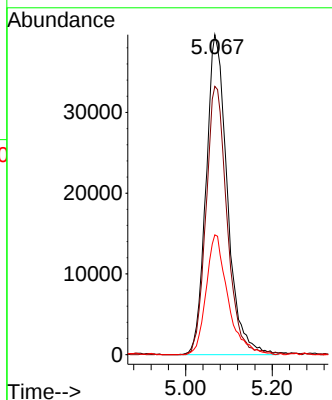
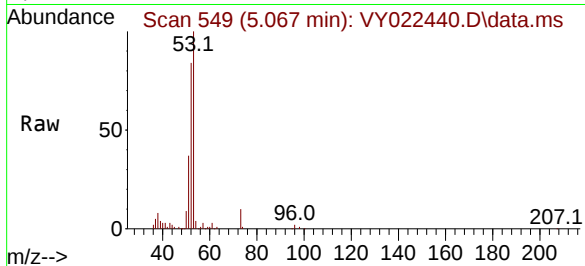




#15
Acrylonitrile
Concen: 275.066 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

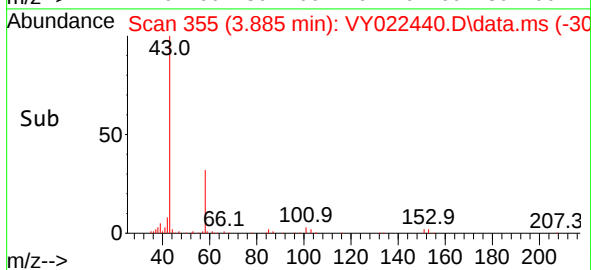
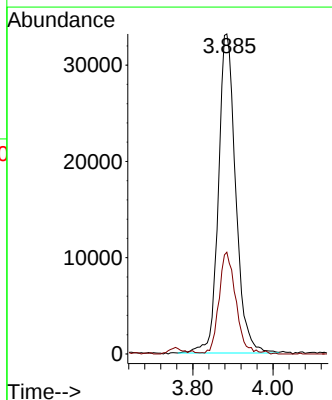
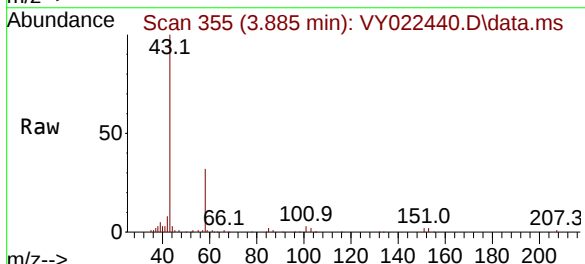
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

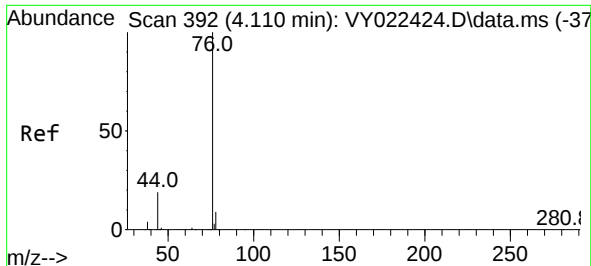
Tgt Ion: 53 Resp: 135202
Ion Ratio Lower Upper
53 100
52 83.2 65.1 97.7
51 38.3 30.0 45.0



#16
Acetone
Concen: 260.497 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 43 Resp: 99131
Ion Ratio Lower Upper
43 100
58 31.9 20.6 30.8#

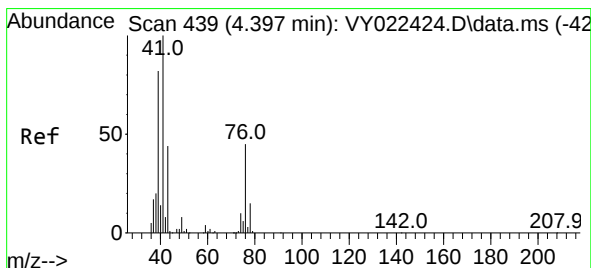
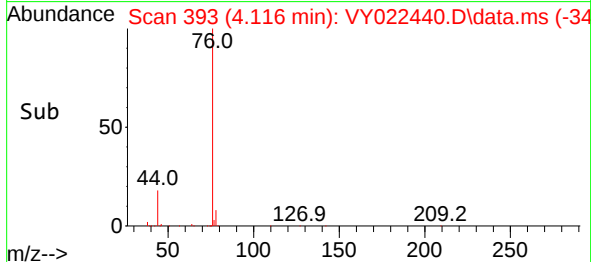
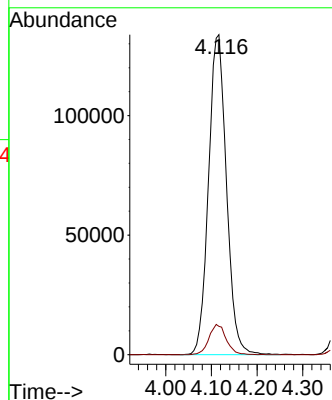
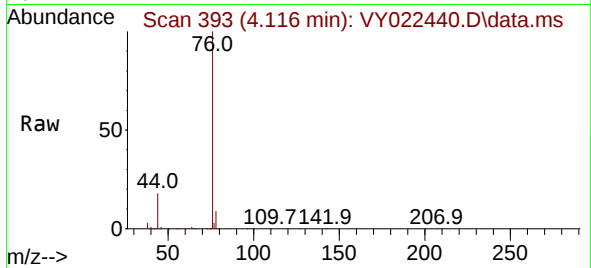




#17
Carbon Disulfide
Concen: 49.627 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

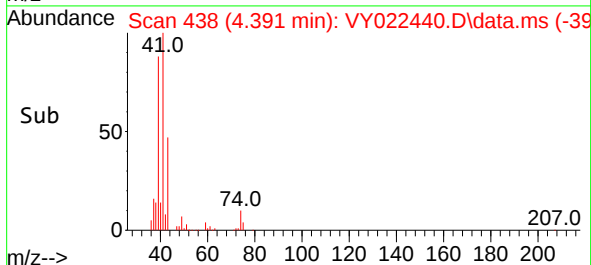
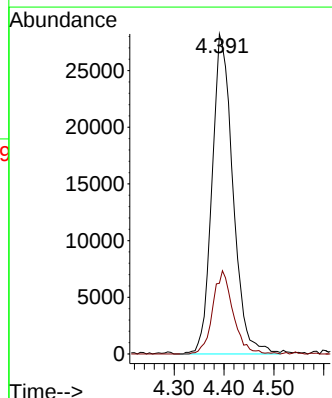
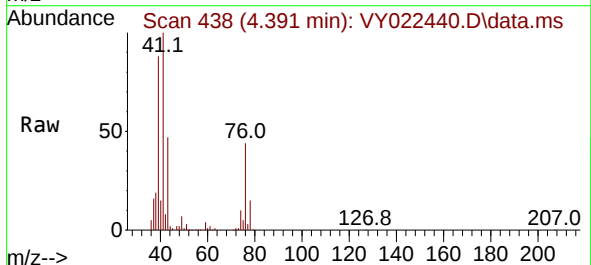
Instrument :
MSVOA_Y
ClientSampleId :
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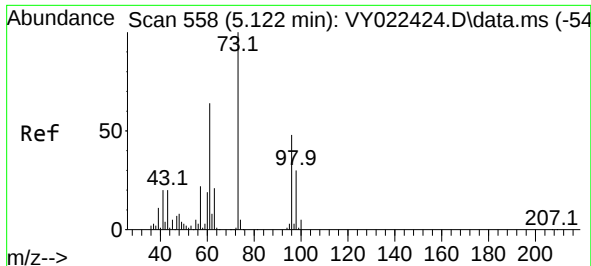
Tgt Ion: 76 Resp: 364815
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 57.733 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 43 Resp: 82298
Ion Ratio Lower Upper
43 100
74 25.2 21.2 31.8

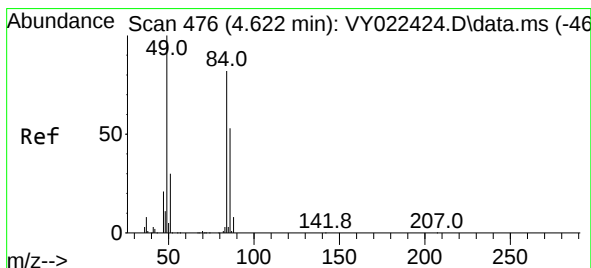
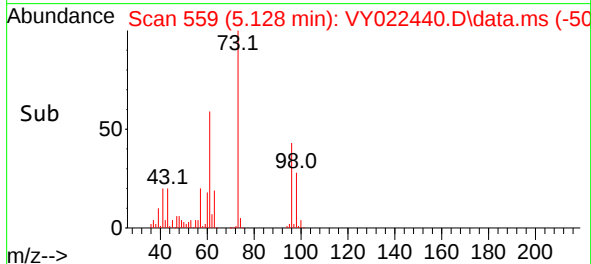
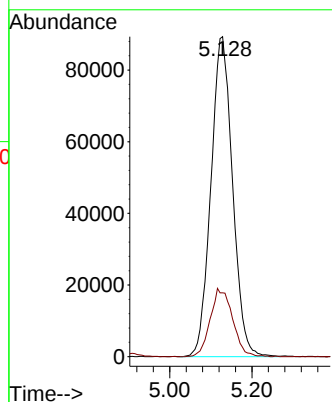
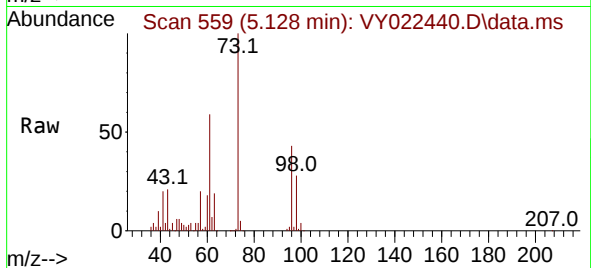




#19
Methyl tert-butyl Ether
Concen: 53.378 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

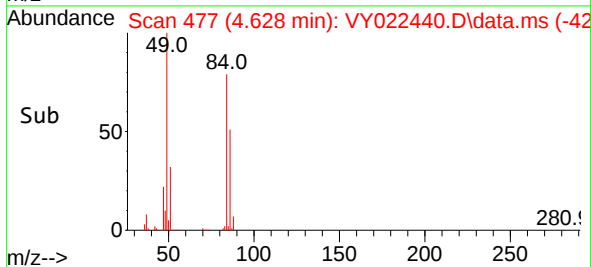
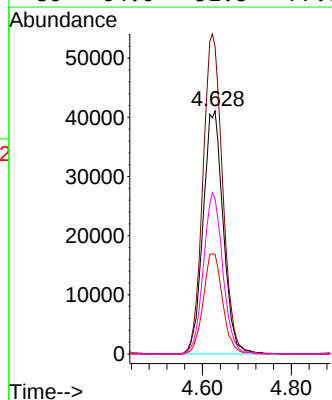
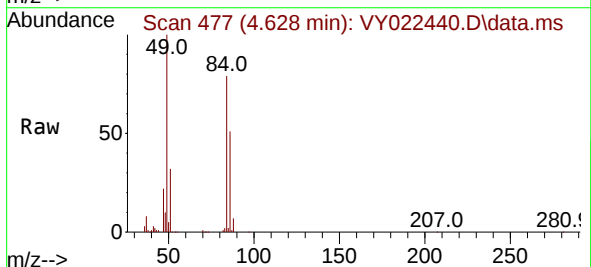
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

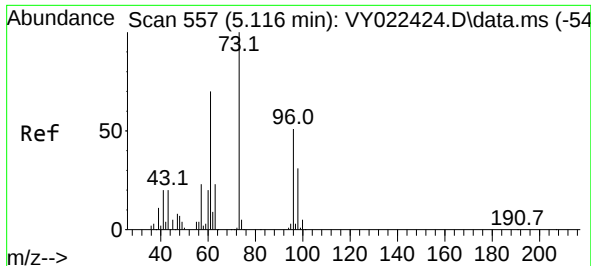
Tgt Ion: 73 Resp: 326440
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 48.115 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 84 Resp: 129297
Ion Ratio Lower Upper
84 100
49 126.5 97.8 146.8
51 41.0 29.5 44.3
86 64.0 51.8 77.6

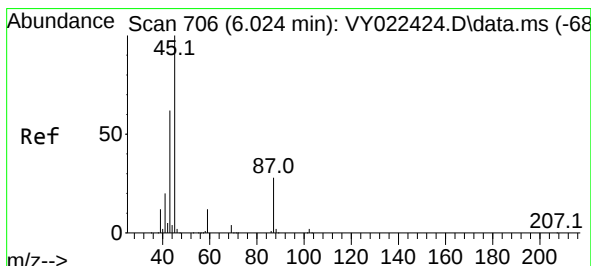
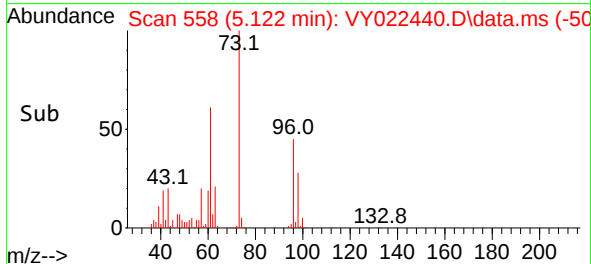
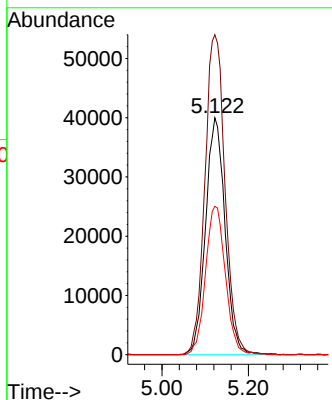
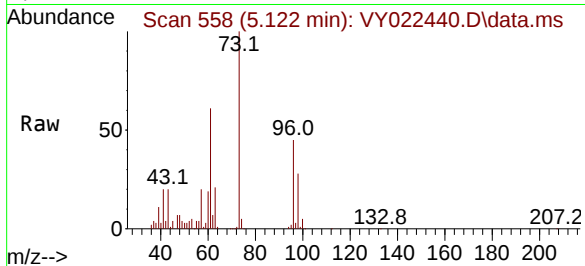




#21
trans-1,2-Dichloroethene
Concen: 49.822 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

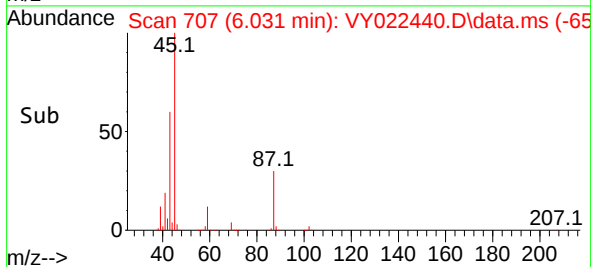
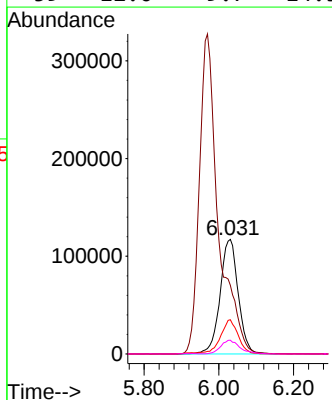
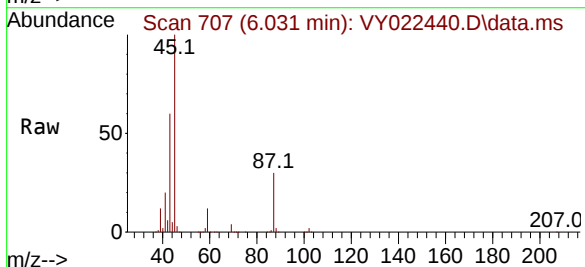
Instrument :
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ClientSampleId :
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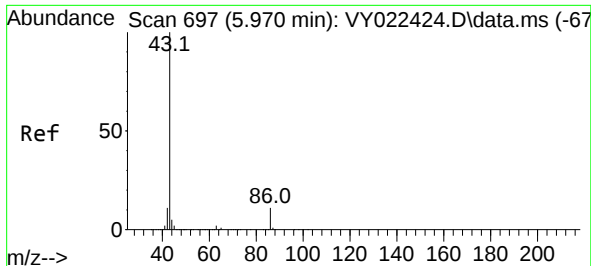
Tgt Ion: 96 Resp: 125292
Ion Ratio Lower Upper
96 100
61 135.0 110.4 165.6
98 62.6 48.6 73.0



#22
Diisopropyl ether
Concen: 51.708 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 45 Resp: 395444
Ion Ratio Lower Upper
45 100
43 60.0 49.8 74.8
87 29.9 23.0 34.6
59 12.0 9.7 14.5

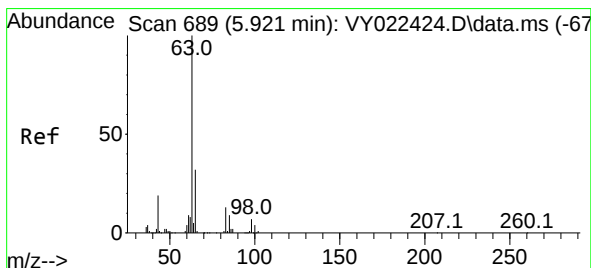
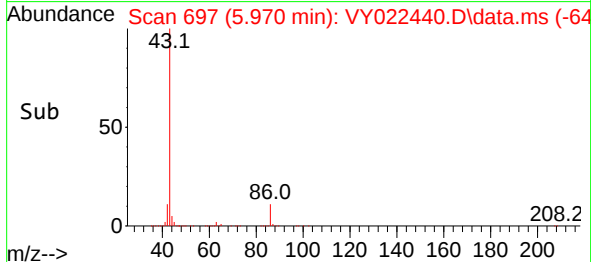
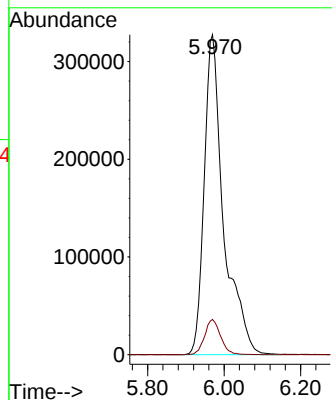
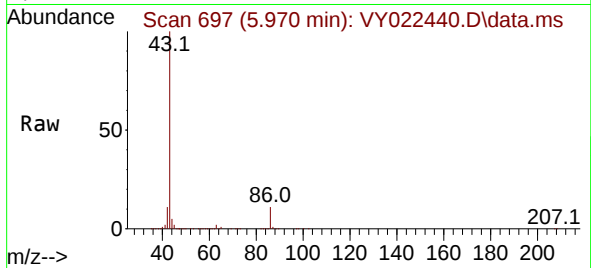




#23
 Vinyl Acetate
 Concen: 263.171 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

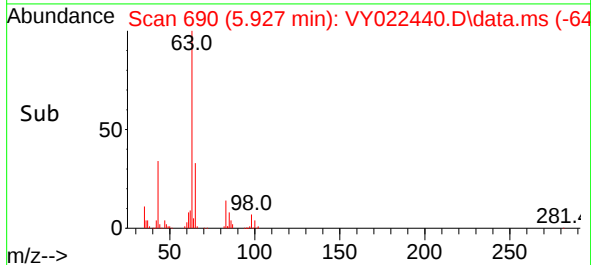
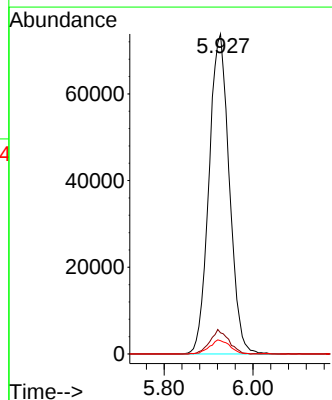
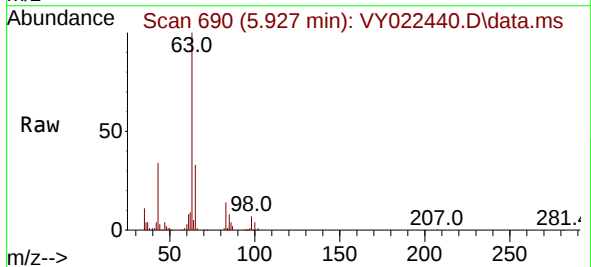
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

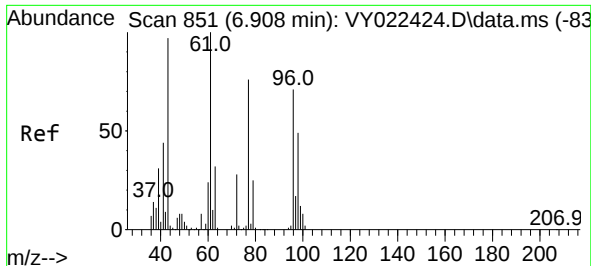
Tgt Ion: 43 Resp: 1155616
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 51.802 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

Tgt Ion: 63 Resp: 234094
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.2 2.1 6.5

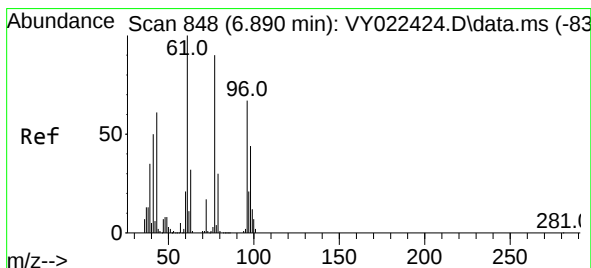
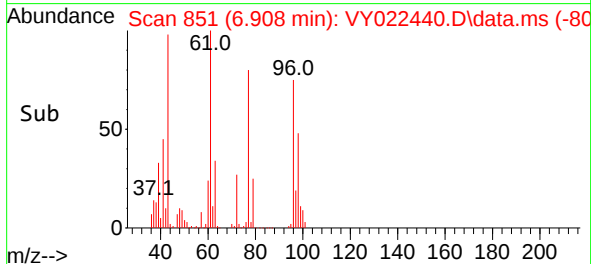
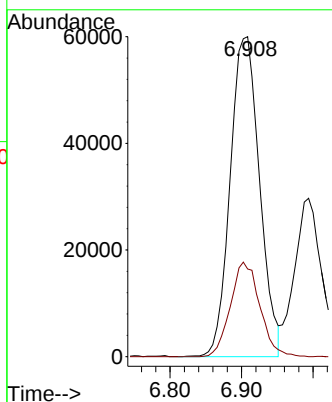
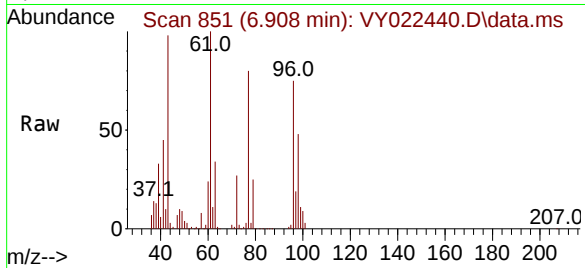




#25
2-Butanone
Concen: 270.662 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

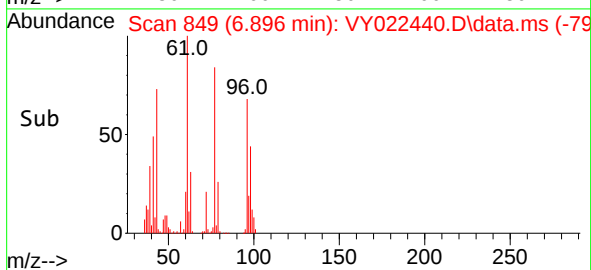
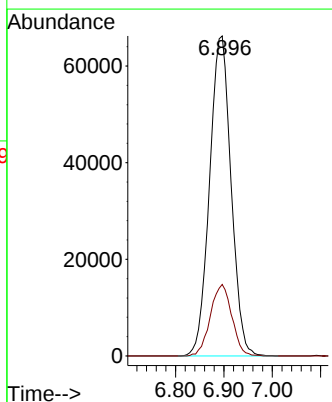
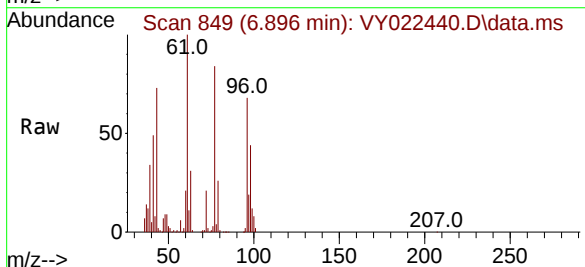
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

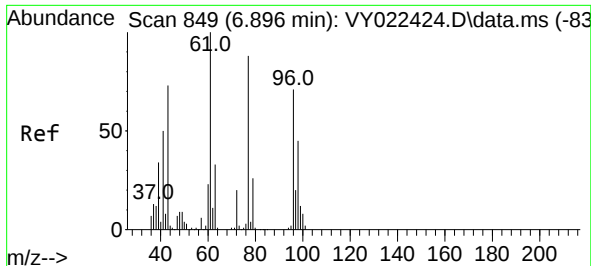
Tgt Ion: 43 Resp: 171537
Ion Ratio Lower Upper
43 100
72 27.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.024 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 77 Resp: 204691
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 51.952 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

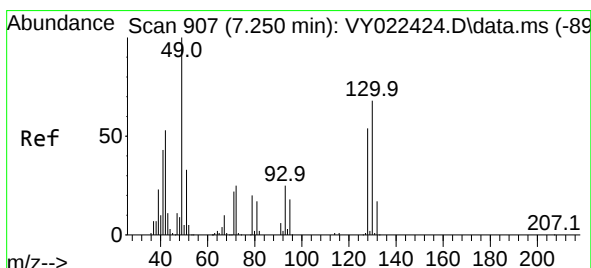
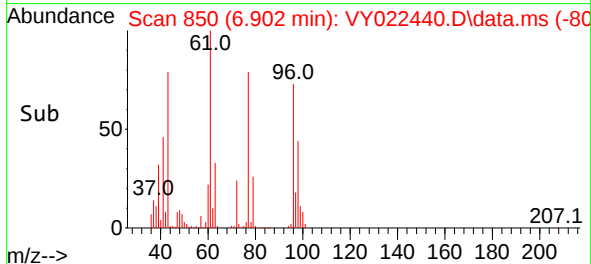
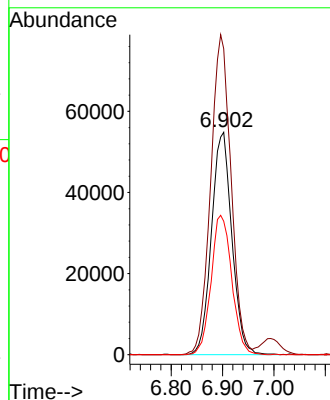
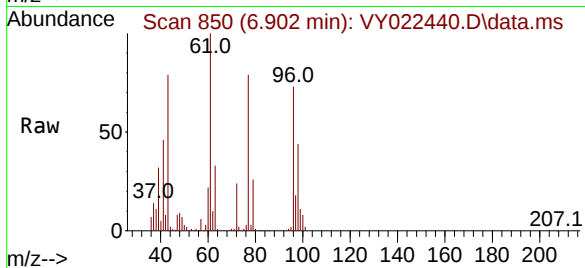
Tgt Ion: 96 Resp: 151248

Ion Ratio Lower Upper

96 100

61 143.9 0.0 292.0

98 63.5 0.0 131.0



#28

Bromochloromethane

Concen: 55.841 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

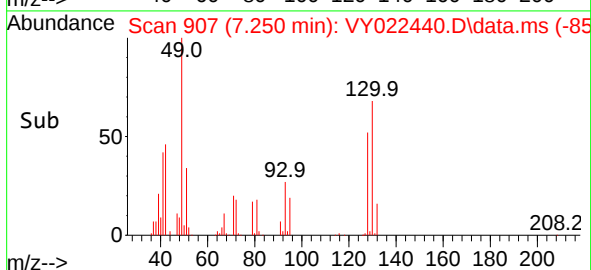
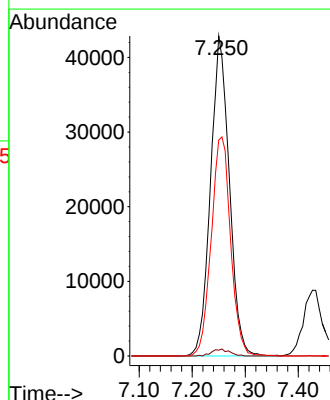
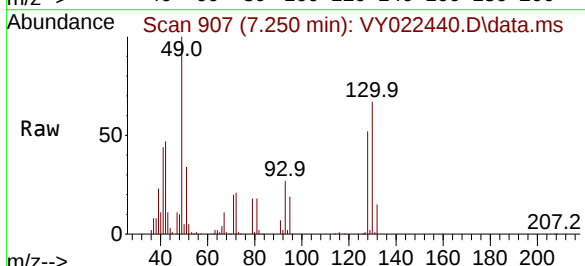
Tgt Ion: 49 Resp: 105373

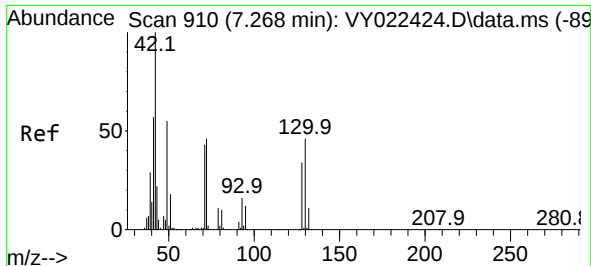
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 70.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 276.019 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

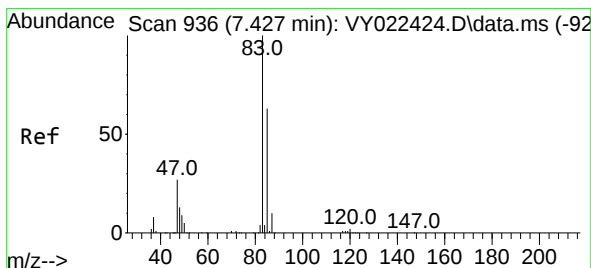
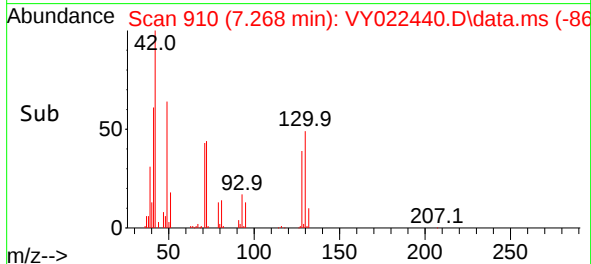
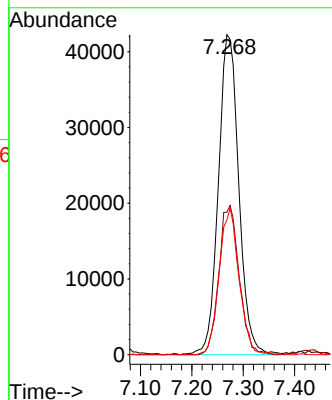
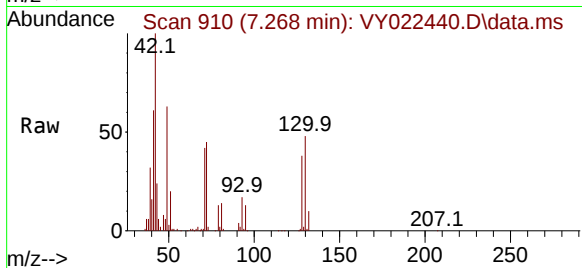
Tgt Ion: 42 Resp: 116666

Ion Ratio Lower Upper

42 100

72 46.4 37.7 56.5

71 44.4 34.7 52.1



#30

Chloroform

Concen: 52.718 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022440.D

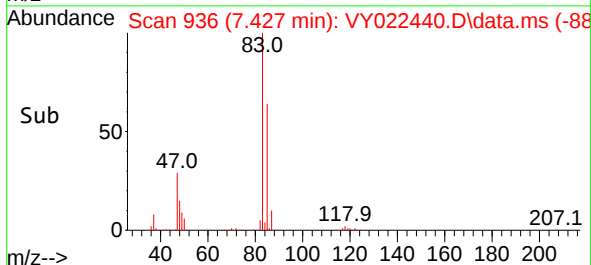
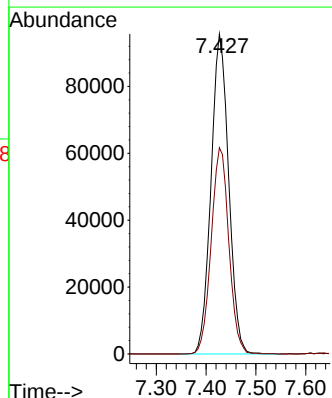
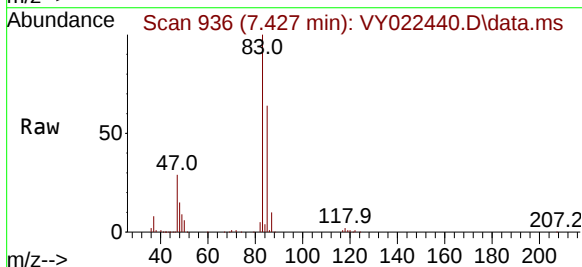
Acq: 28 May 2025 09:23

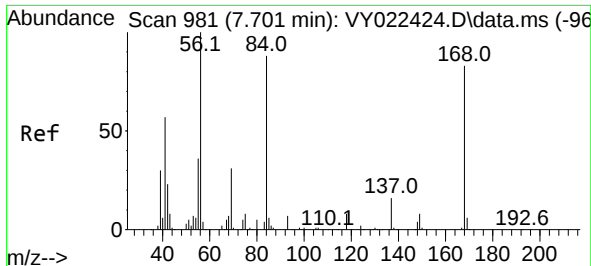
Tgt Ion: 83 Resp: 234746

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

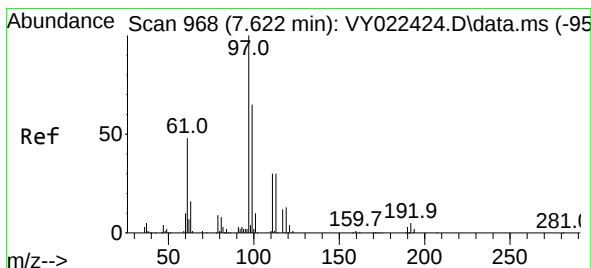
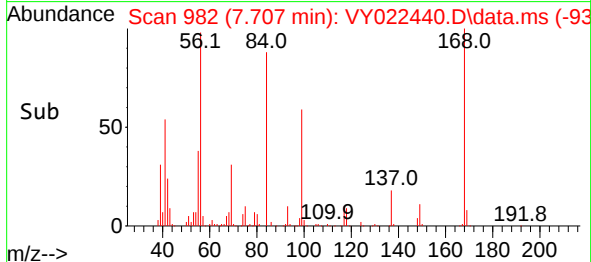
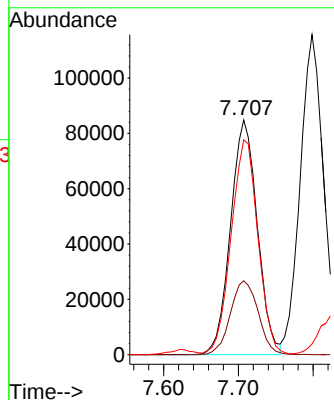
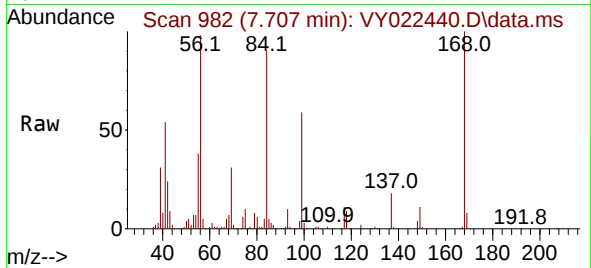




#31
Cyclohexane
Concen: 47.553 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

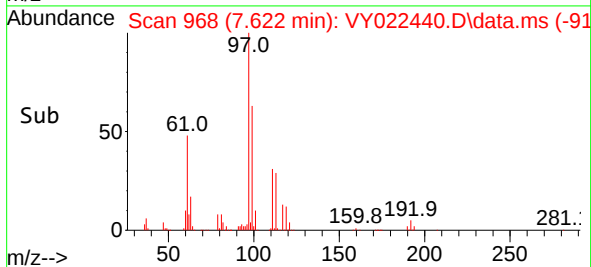
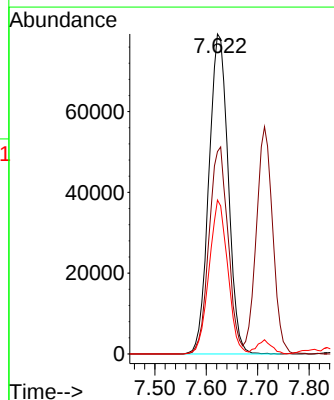
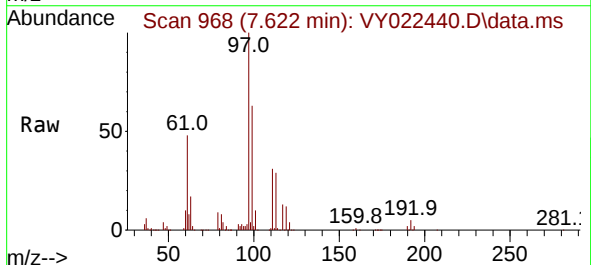
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

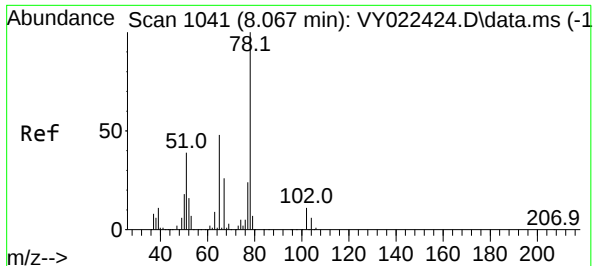
Tgt Ion: 56 Resp: 211827
Ion Ratio Lower Upper
56 100
69 31.4 24.6 36.8
84 89.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 51.047 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 97 Resp: 206293
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 46.7 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 55.918 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

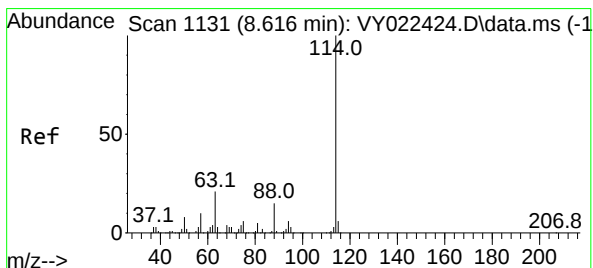
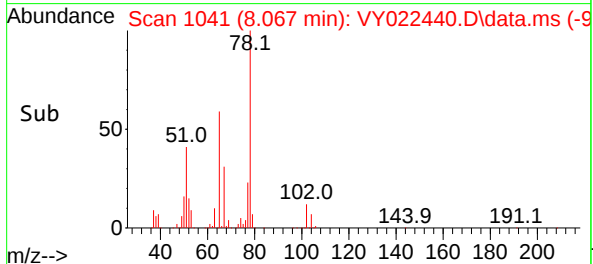
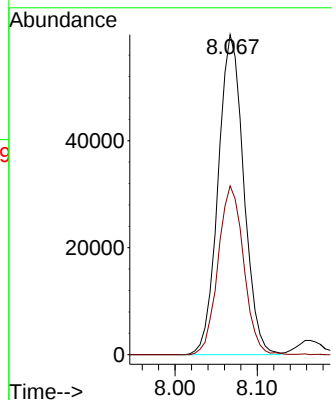
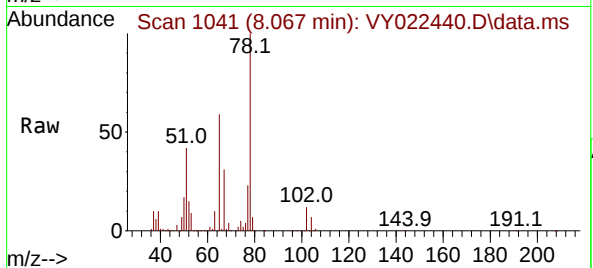
VSTDCCC050

Tgt Ion: 65 Resp: 129496

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

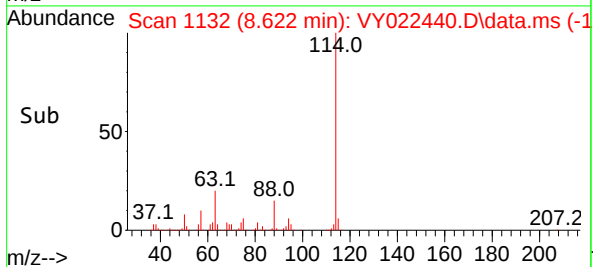
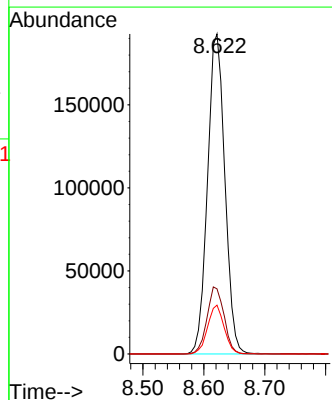
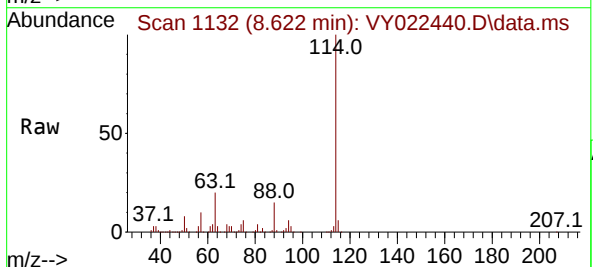
Tgt Ion: 114 Resp: 381092

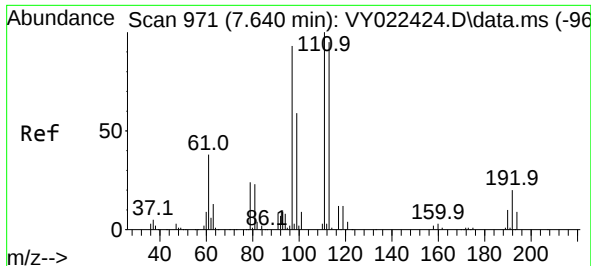
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.2 0.0 29.4

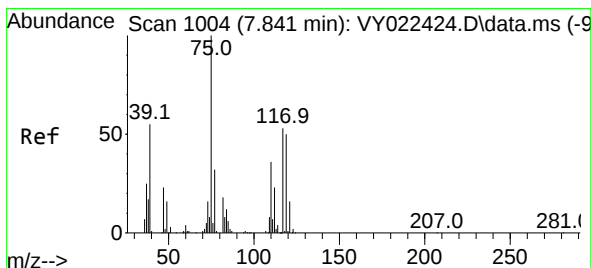
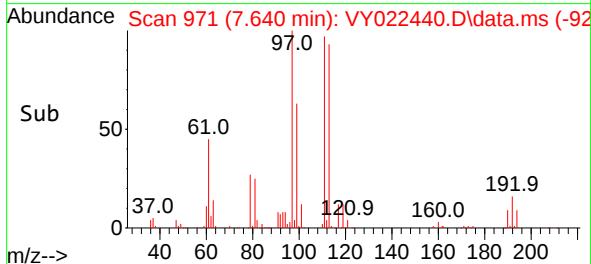
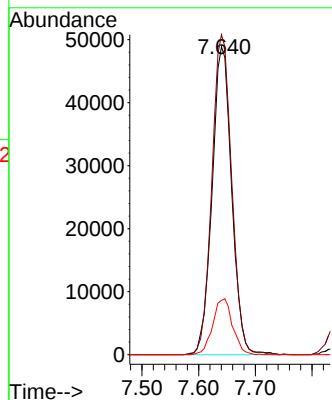
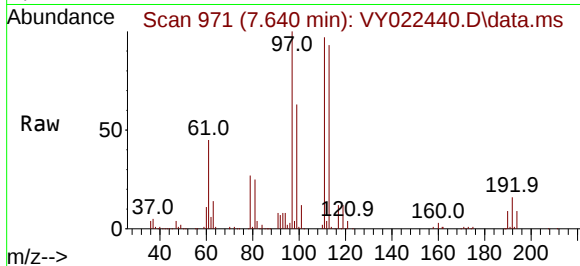




#35
Dibromofluoromethane
Concen: 52.565 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

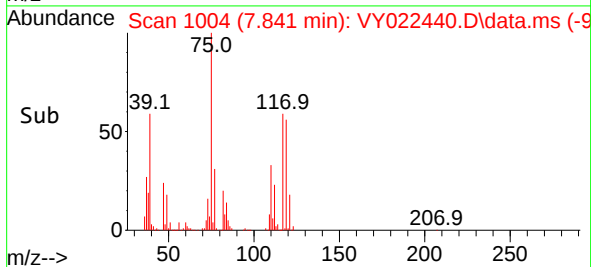
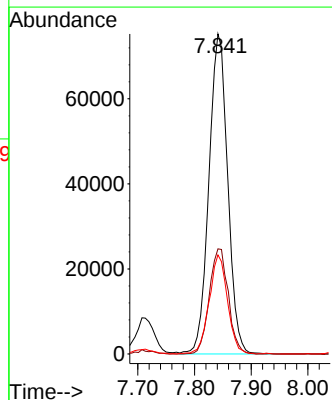
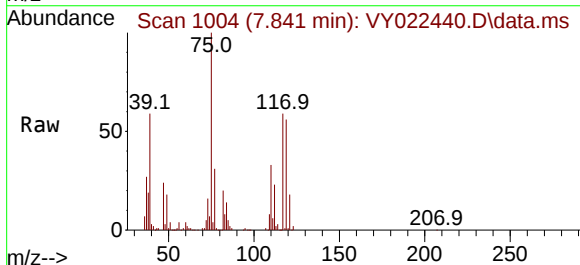
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

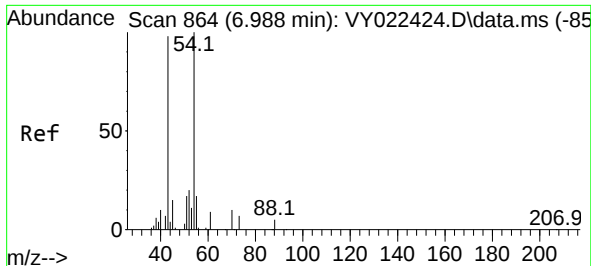
Tgt Ion:113 Resp: 117313
Ion Ratio Lower Upper
113 100
111 105.1 82.4 123.6
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 48.948 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 75 Resp: 173349
Ion Ratio Lower Upper
75 100
110 33.2 17.1 51.2
77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 53.651 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

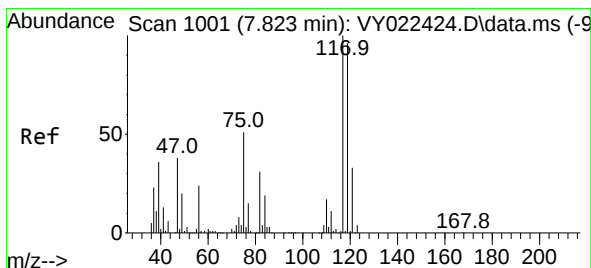
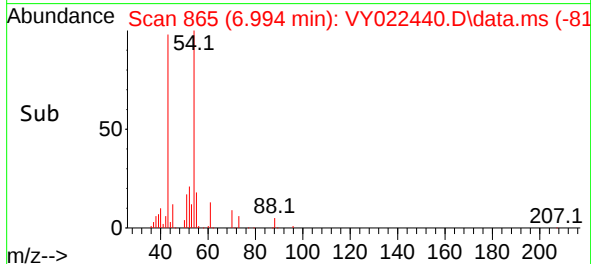
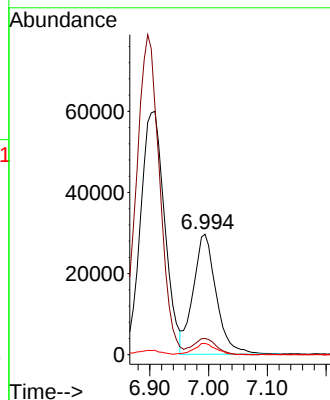
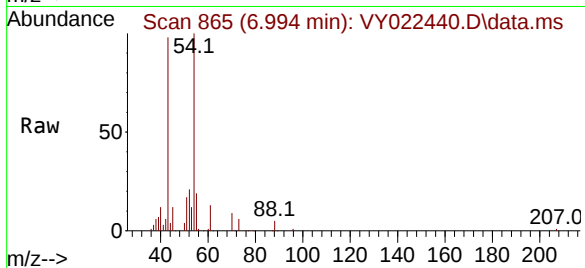
Tgt Ion: 43 Resp: 80750

Ion Ratio Lower Upper

43 100

61 13.7 11.7 17.5

70 9.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 48.775 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

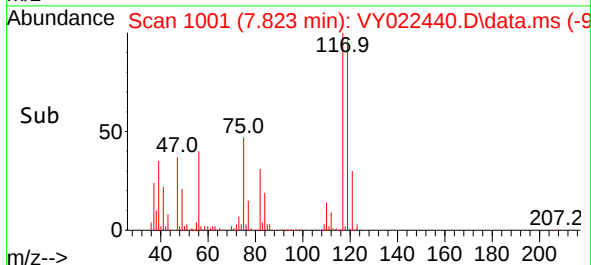
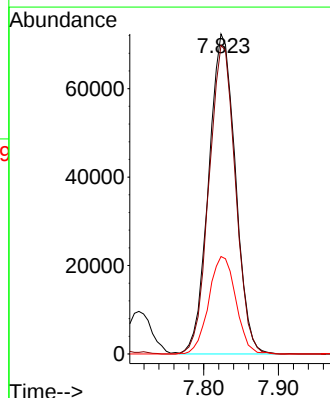
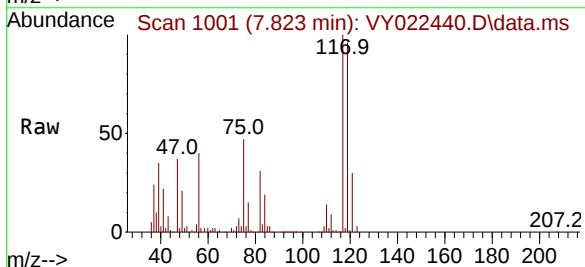
Tgt Ion: 117 Resp: 179942

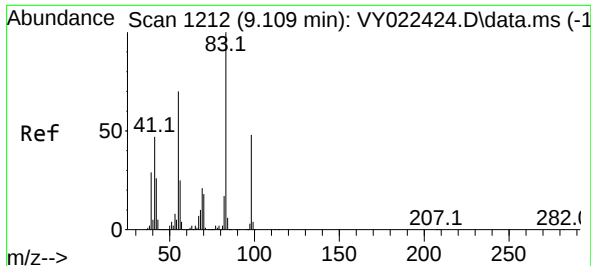
Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5

121 30.4 26.1 39.1





#39

Methylcyclohexane

Concen: 47.368 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

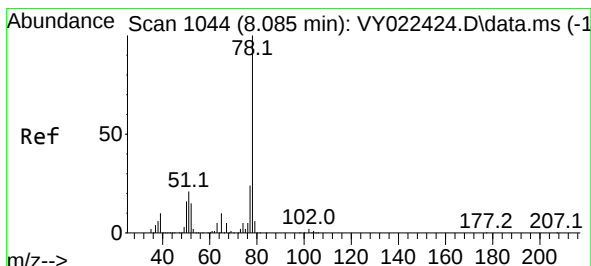
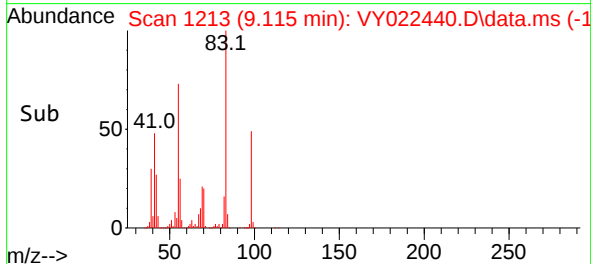
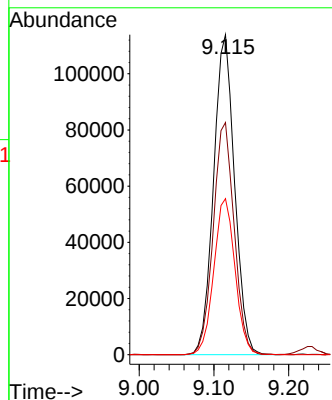
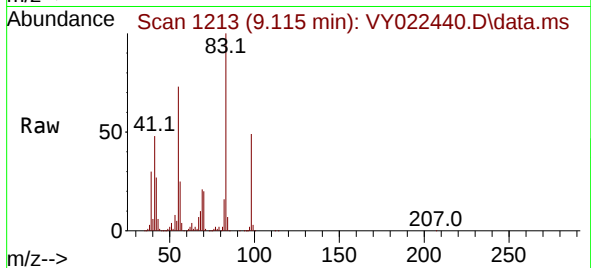
Tgt Ion: 83 Resp: 222990

Ion Ratio Lower Upper

83 100

55 72.5 56.2 84.2

98 48.8 38.4 57.6



#40

Benzene

Concen: 50.053 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022440.D

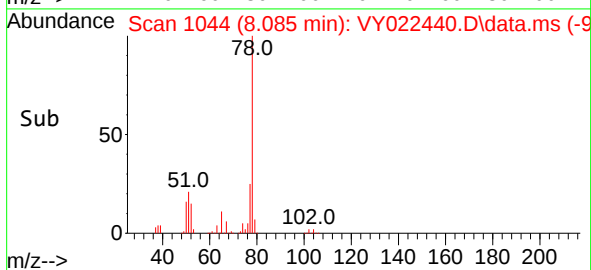
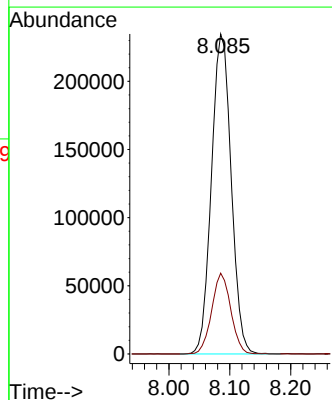
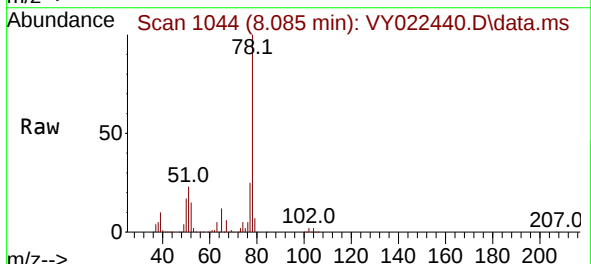
Acq: 28 May 2025 09:23

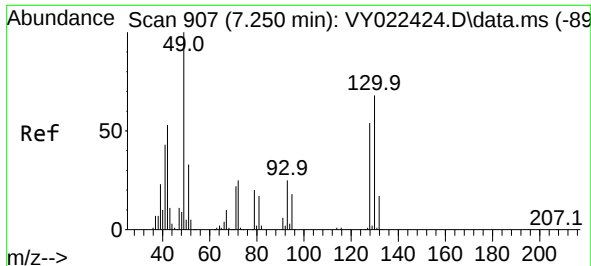
Tgt Ion: 78 Resp: 527461

Ion Ratio Lower Upper

78 100

77 25.3 19.4 29.2

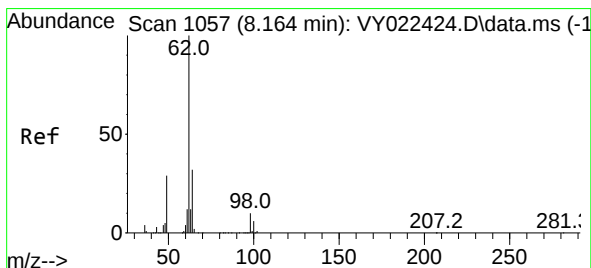
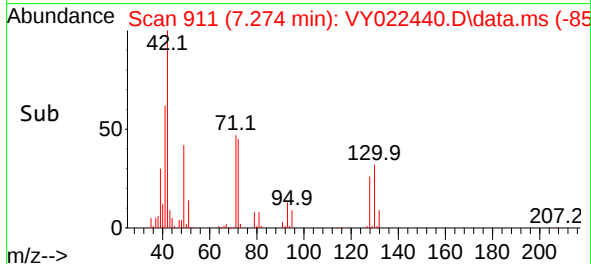
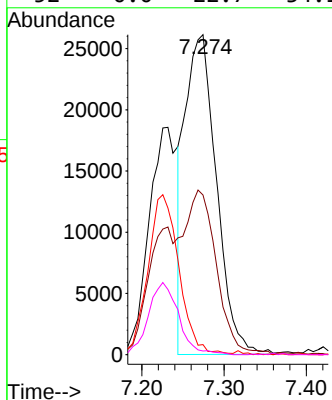
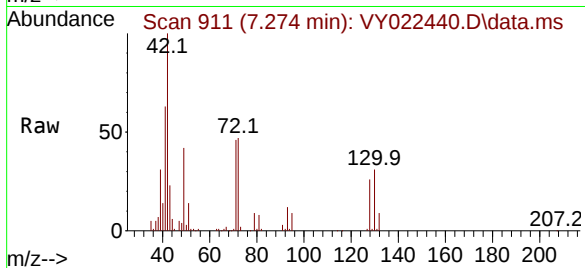




#41
Methacrylonitrile
Concen: 75.865 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

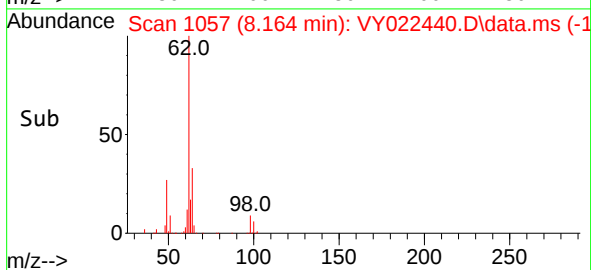
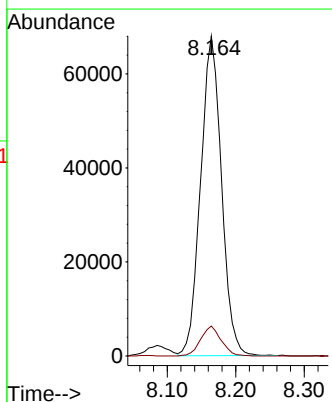
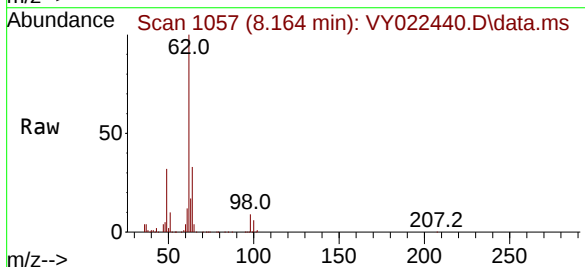
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

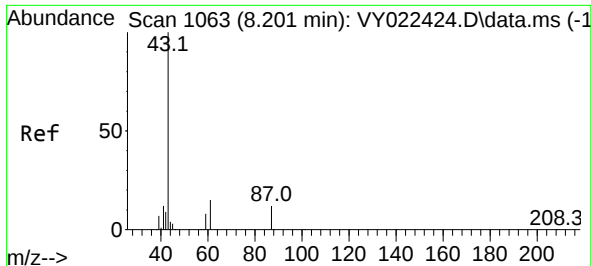
Tgt Ion: 41 Resp: 69302
Ion Ratio Lower Upper
41 100
39 46.5 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 51.839 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 62 Resp: 144277
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

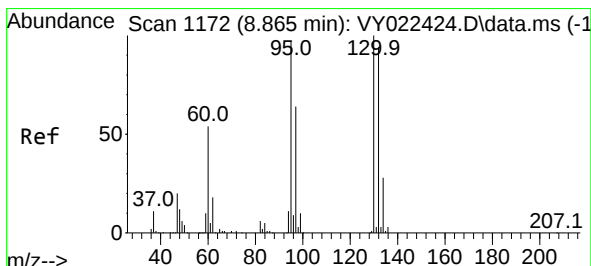
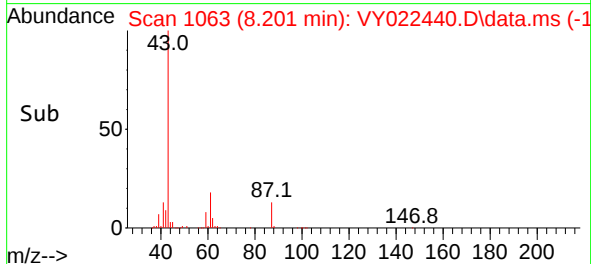
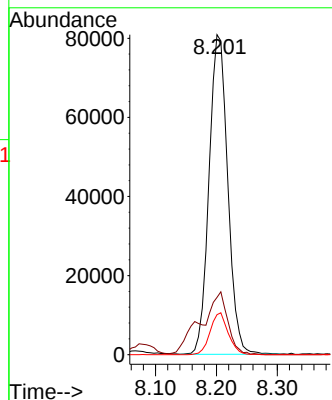
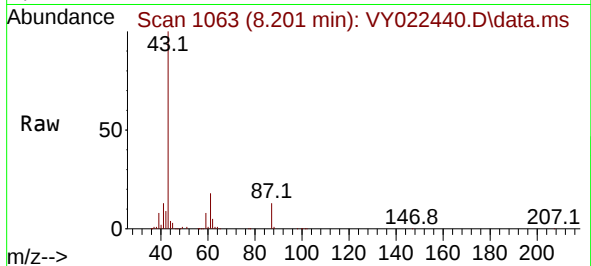




#43
Isopropyl Acetate
Concen: 52.480 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

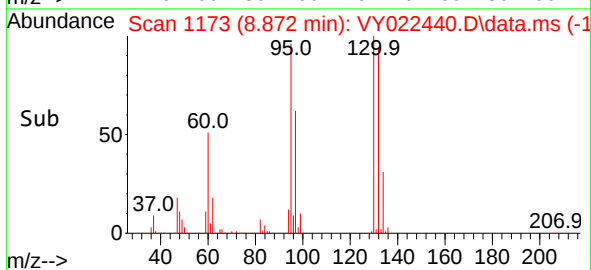
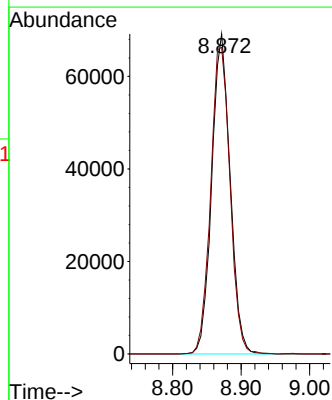
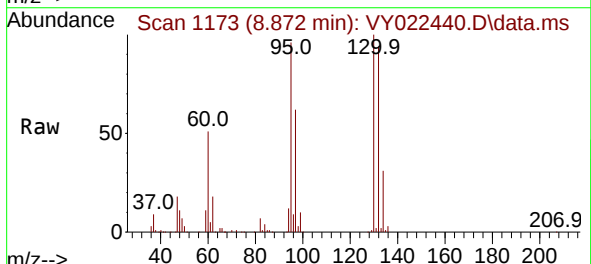
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

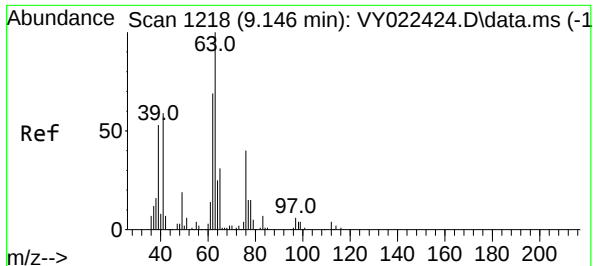
Tgt Ion: 43 Resp: 172601
Ion Ratio Lower Upper
43 100
61 17.9 15.4 23.0
87 12.6 10.6 15.8



#44
Trichloroethene
Concen: 49.475 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:130 Resp: 128886
Ion Ratio Lower Upper
130 100
95 95.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.985 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

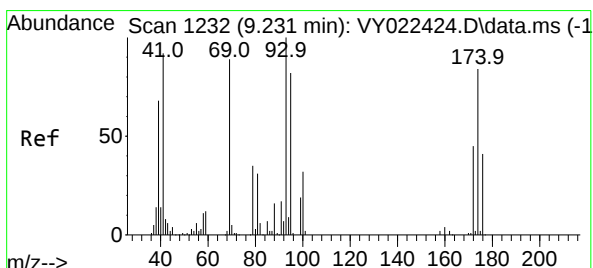
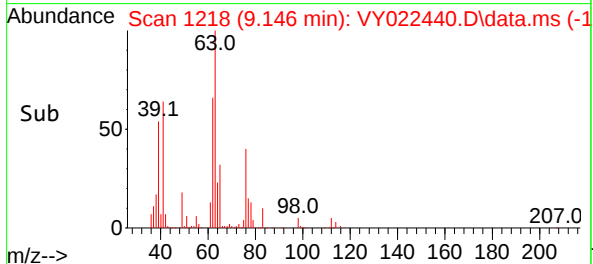
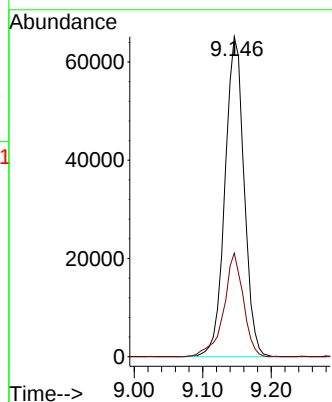
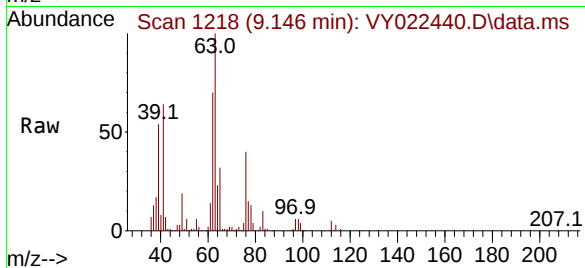
VSTDCCC050

Tgt Ion: 63 Resp: 126236

Ion Ratio Lower Upper

63 100

65 32.3 25.1 37.7



#46

Dibromomethane

Concen: 50.789 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

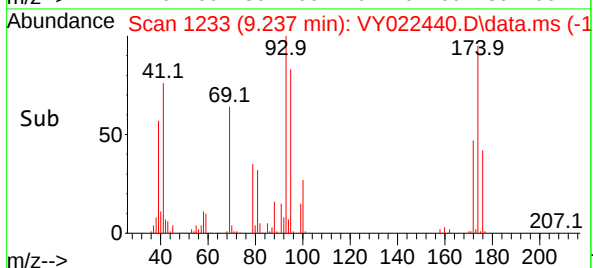
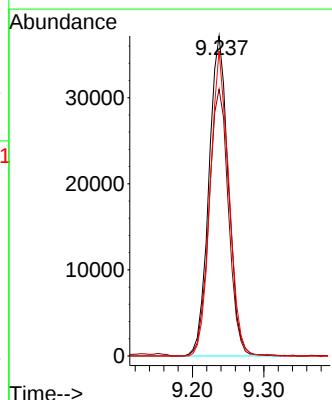
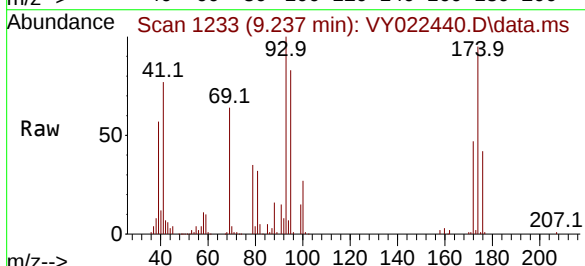
Tgt Ion: 93 Resp: 70247

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 91.1 71.1 106.7

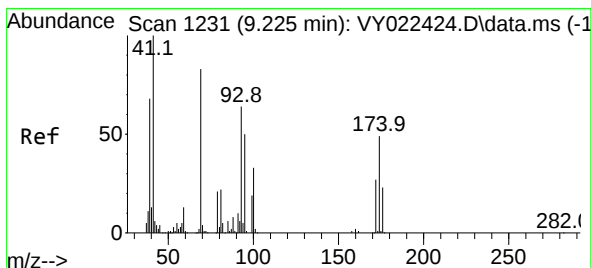
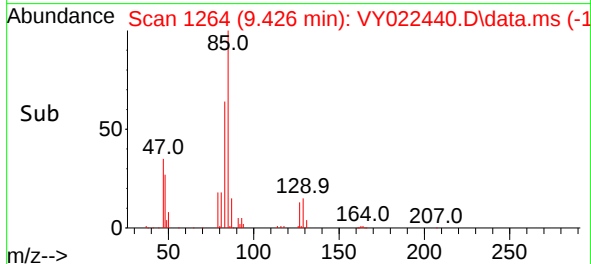
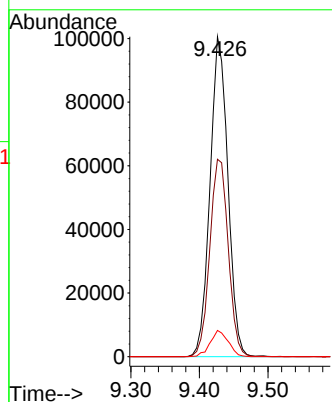
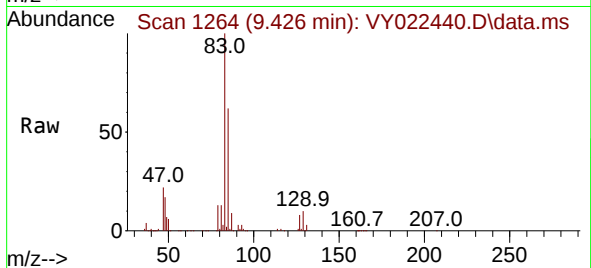




#47
Bromodichloromethane
Concen: 51.302 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

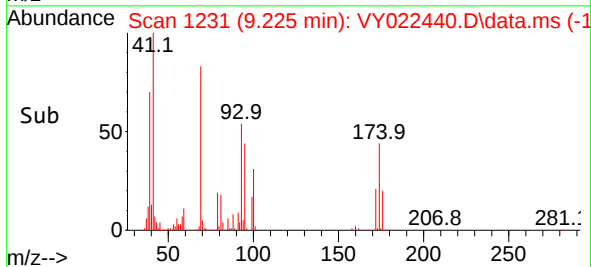
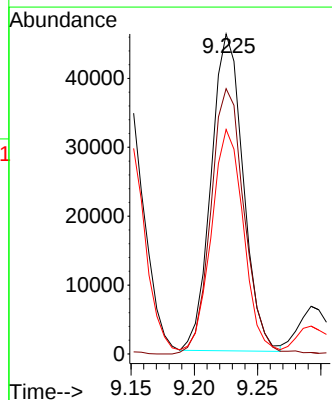
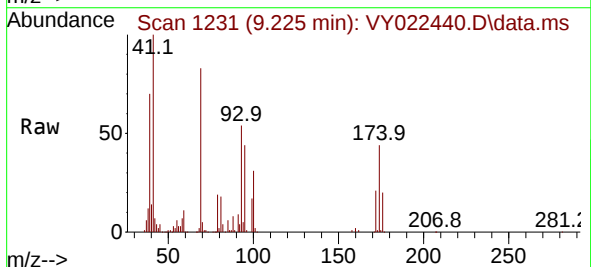
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

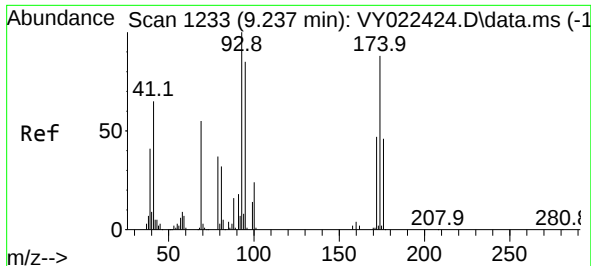
Tgt Ion: 83 Resp: 182467
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 53.202 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 41 Resp: 81223
Ion Ratio Lower Upper
41 100
69 87.7 70.3 105.5
39 69.0 55.4 83.0





#49

1,4-Dioxane

Concen: 1055.512 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

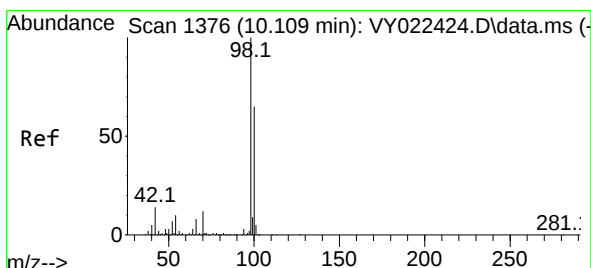
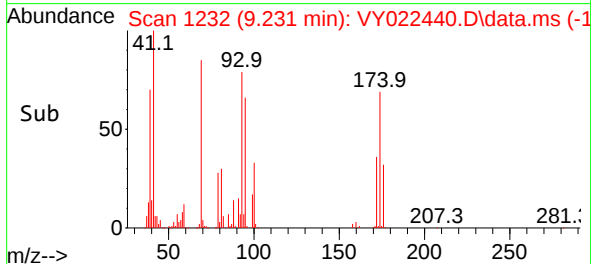
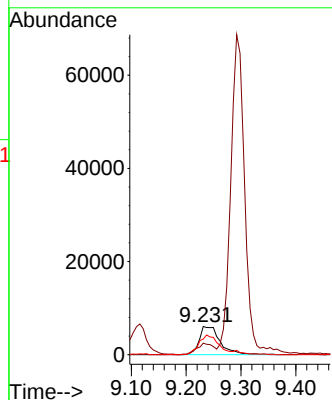
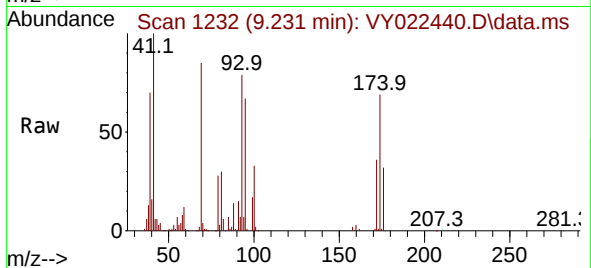
Tgt Ion: 88 Resp: 16125

Ion Ratio Lower Upper

88 100

43 32.9 26.9 40.3

58 72.1 55.8 83.6



#50

Toluene-d8

Concen: 52.118 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022440.D

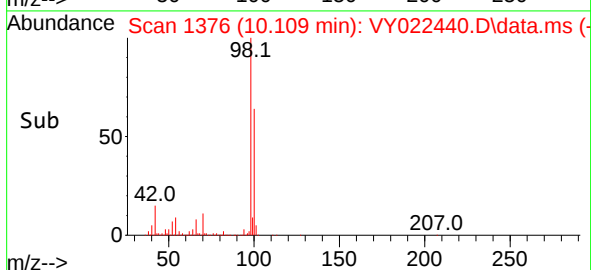
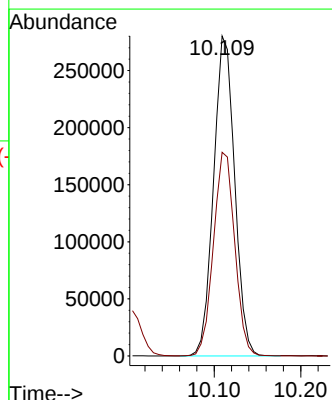
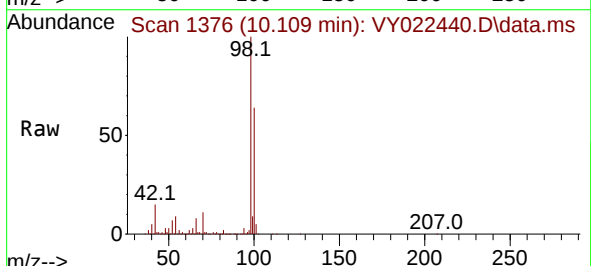
Acq: 28 May 2025 09:23

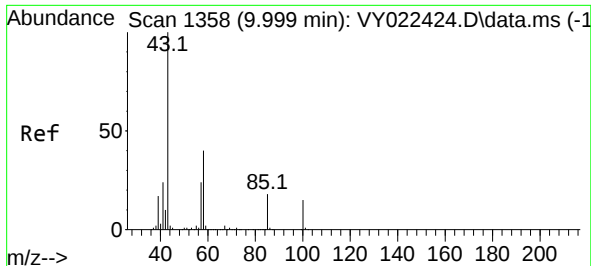
Tgt Ion: 98 Resp: 474174

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2

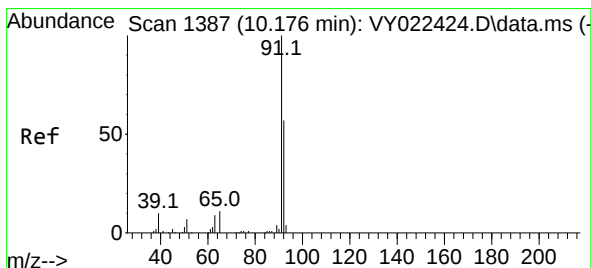
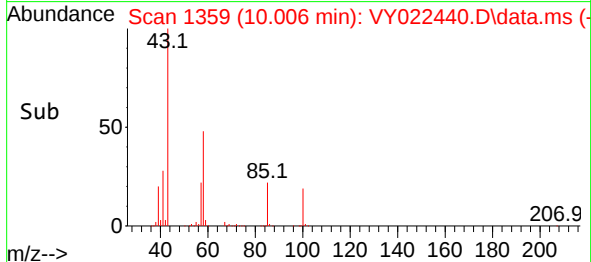
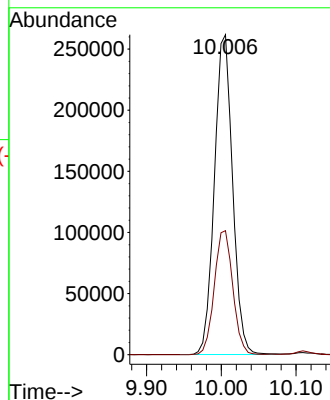
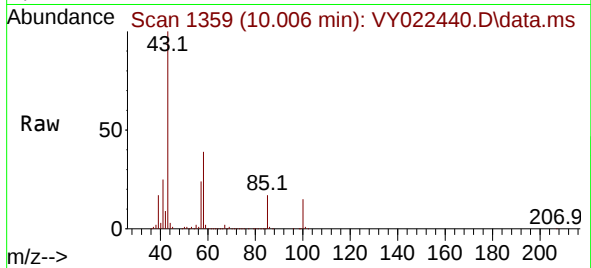




#51
4-Methyl-2-Pentanone
Concen: 273.500 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

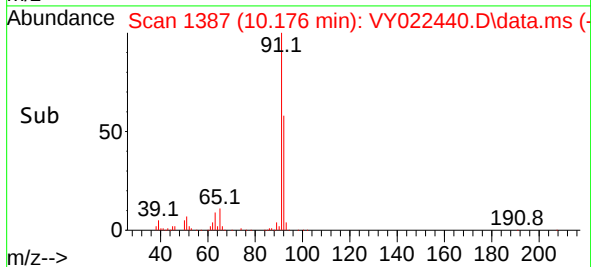
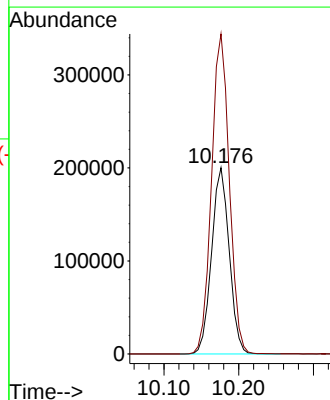
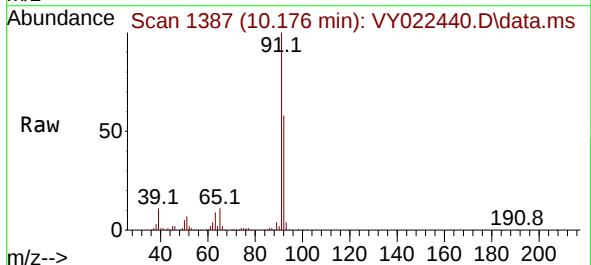
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

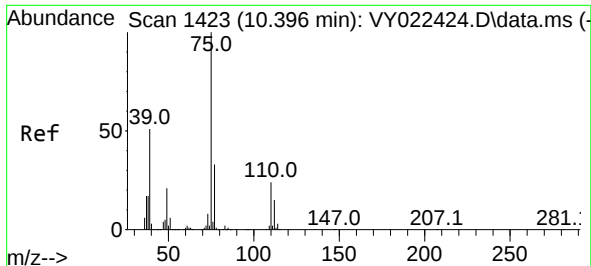
Tgt Ion: 43 Resp: 443819
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8



#52
Toluene
Concen: 49.929 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 92 Resp: 328633
Ion Ratio Lower Upper
92 100
91 173.7 139.8 209.6

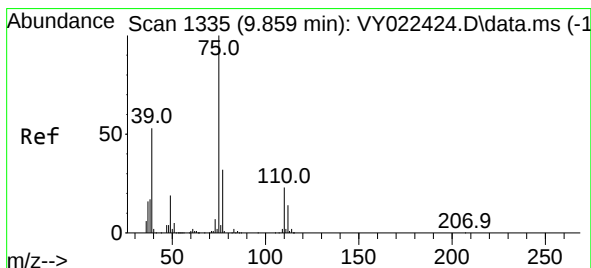
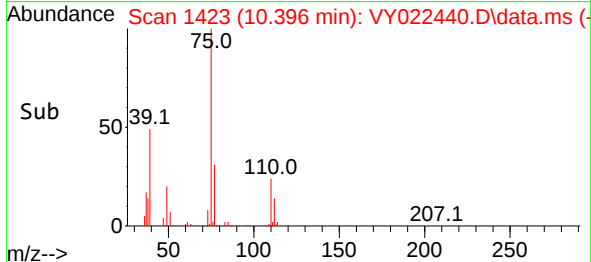
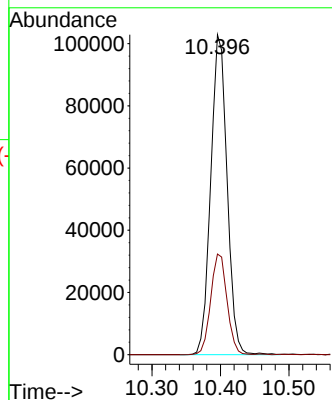
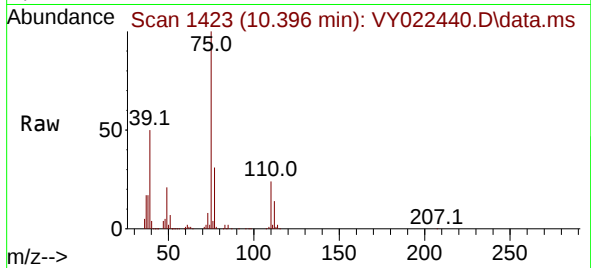




#53
t-1,3-Dichloropropene
Concen: 51.576 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

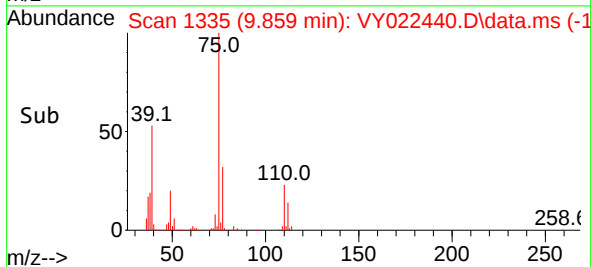
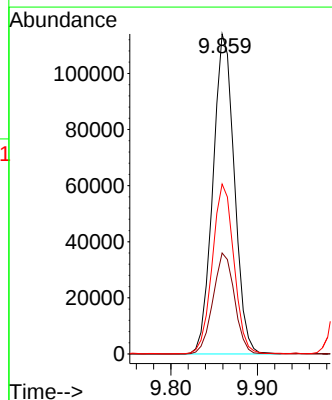
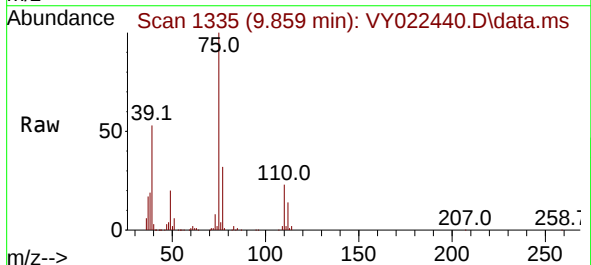
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

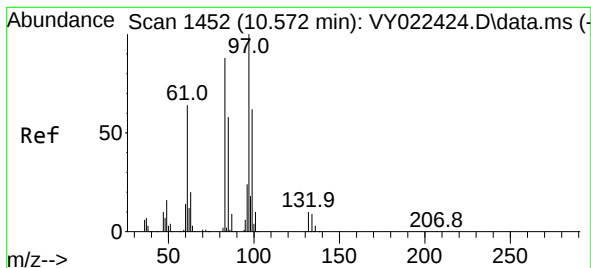
Tgt Ion: 75 Resp: 170870
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 50.381 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 75 Resp: 196125
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 53.0 42.5 63.7

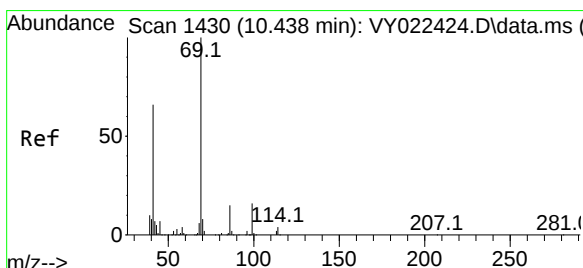
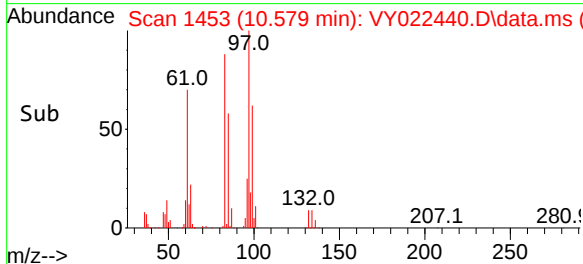
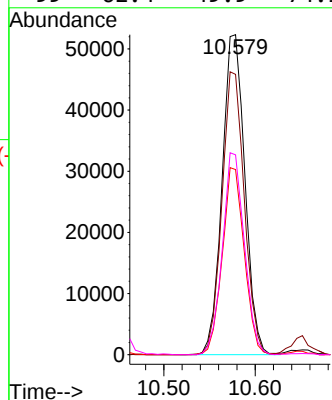
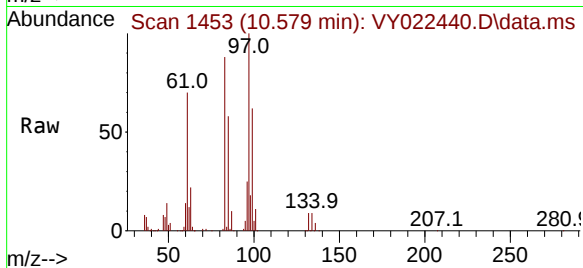




#55
1,1,2-Trichloroethane
Concen: 51.850 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

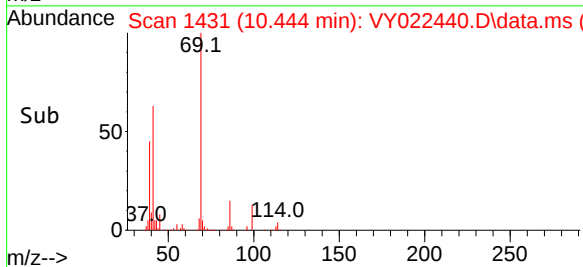
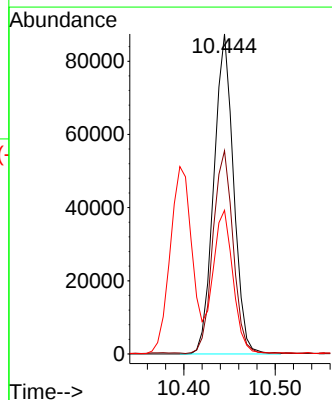
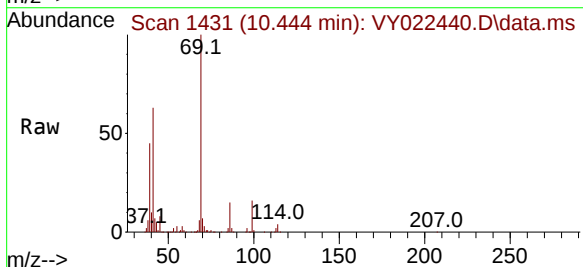
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

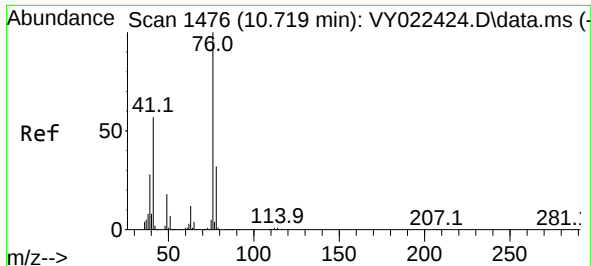
Tgt Ion:	97	Resp:	90672
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.4
85	57.8	46.1	69.1
99	62.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 52.229 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:	69	Resp:	131068
Ion	Ratio	Lower	Upper
69	100		
41	64.7	51.2	76.8
39	45.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 51.605 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

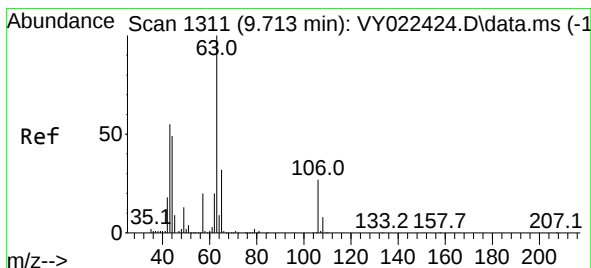
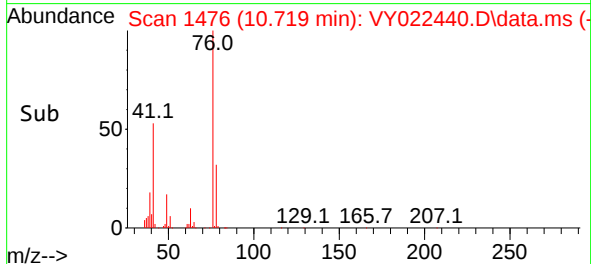
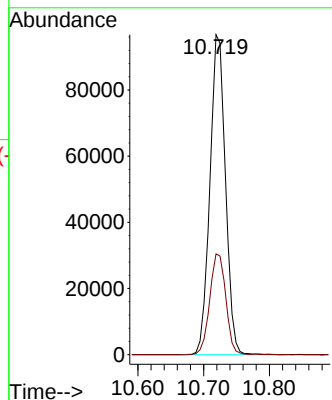
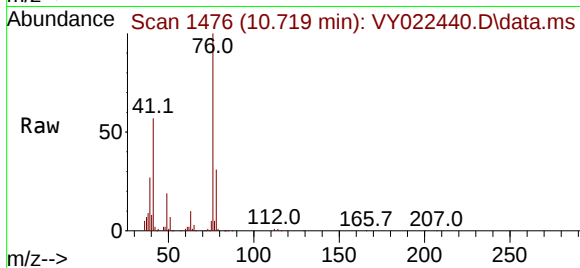
VSTDCCC050

Tgt Ion: 76 Resp: 159029

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 280.303 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022440.D

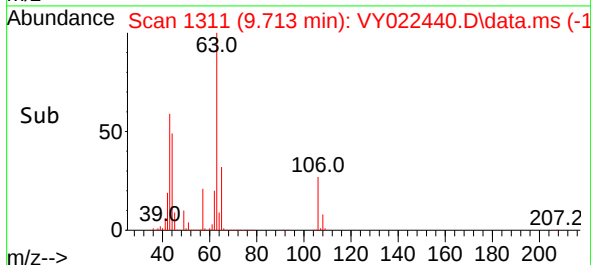
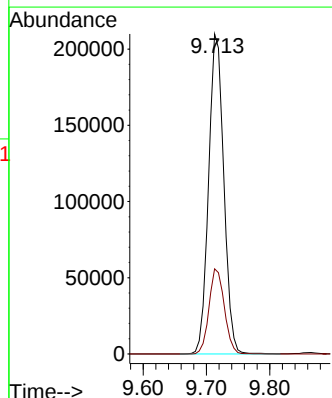
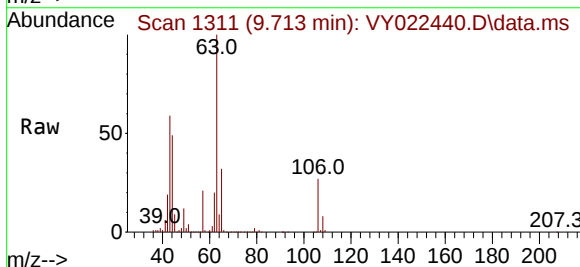
Acq: 28 May 2025 09:23

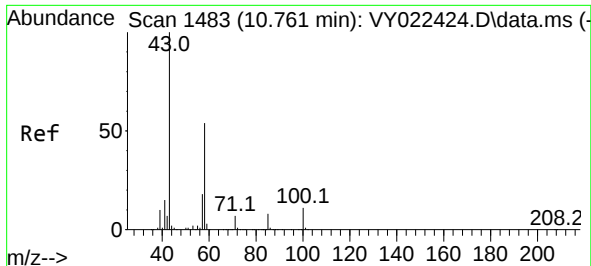
Tgt Ion: 63 Resp: 350572

Ion Ratio Lower Upper

63 100

106 26.8 22.2 33.2

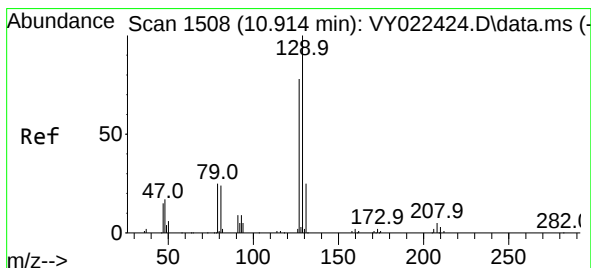
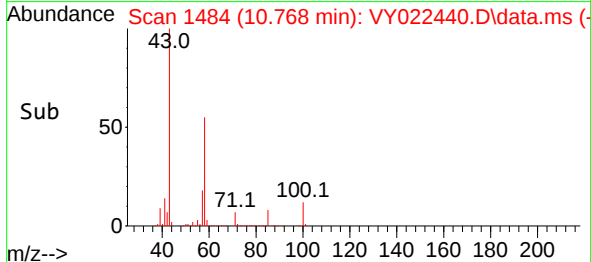
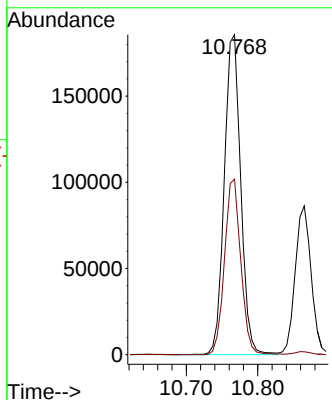
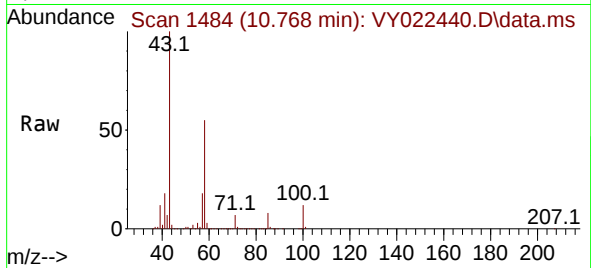




#59
2-Hexanone
Concen: 278.776 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

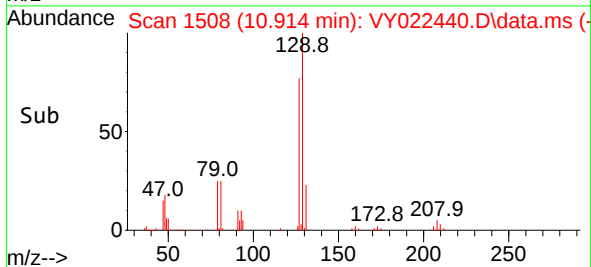
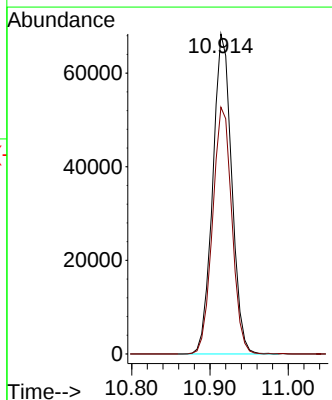
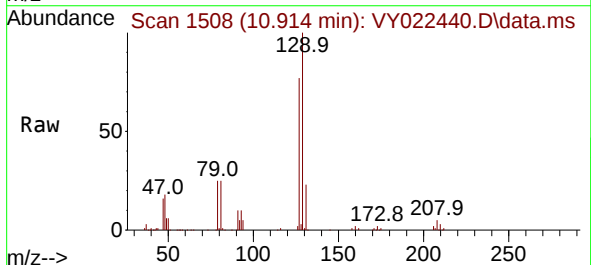
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

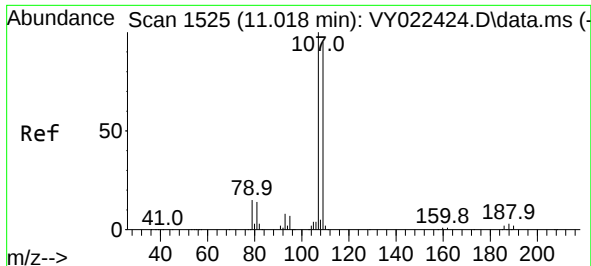
Tgt Ion: 43 Resp: 296466
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.2



#60
Dibromochloromethane
Concen: 51.548 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 129 Resp: 115150
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8

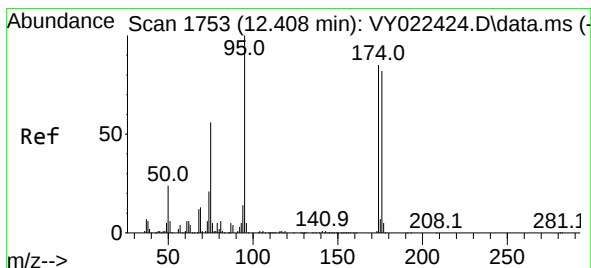
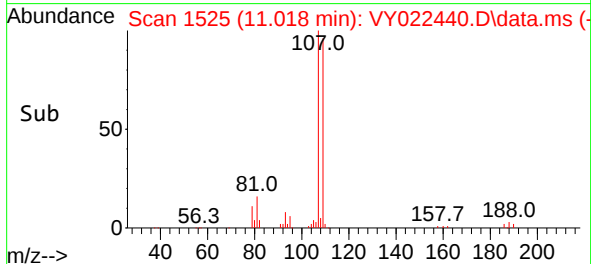
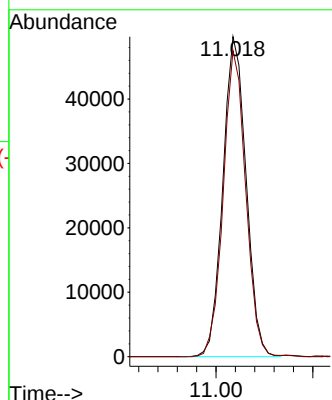
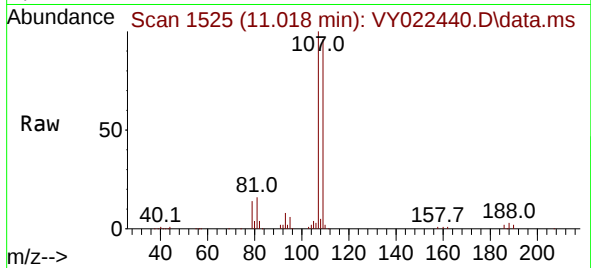




#61
1,2-Dibromoethane
Concen: 51.664 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

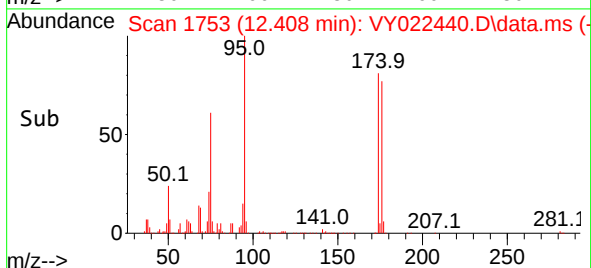
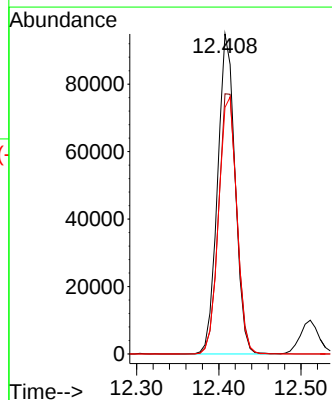
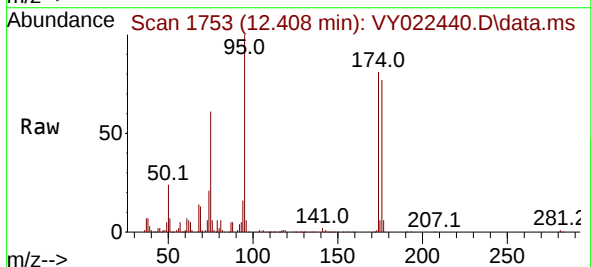
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

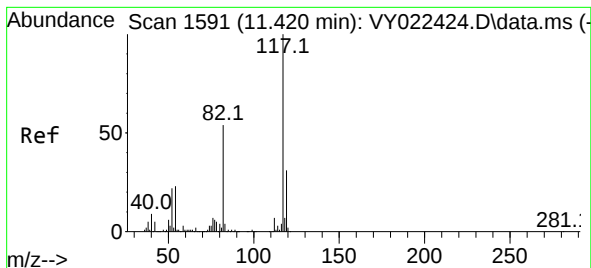
Tgt Ion:107 Resp: 82633
Ion Ratio Lower Upper
107 100
109 92.8 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 95 Resp: 140463
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 83.2 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

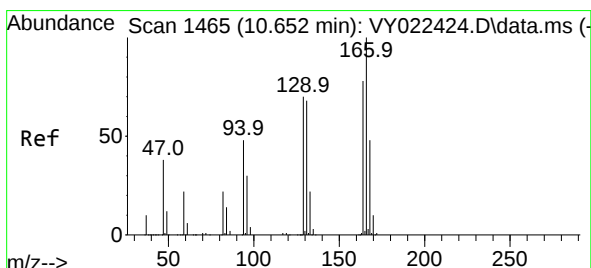
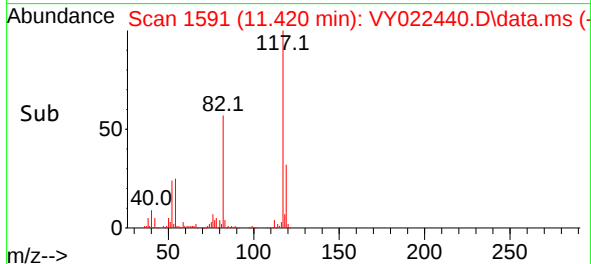
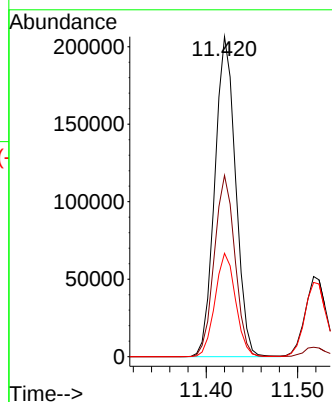
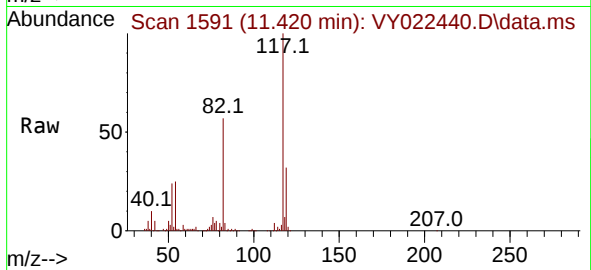
Tgt Ion:117 Resp: 326755

Ion Ratio Lower Upper

117 100

82 56.7 43.3 64.9

119 32.3 24.5 36.7



#64

Tetrachloroethene

Concen: 49.996 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion:164 Resp: 139129

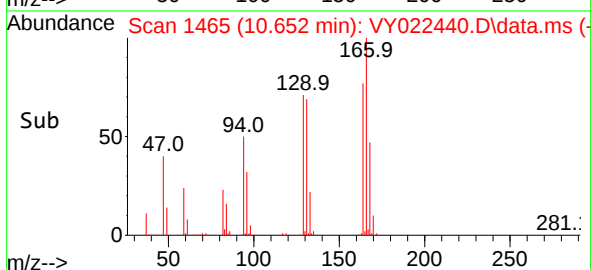
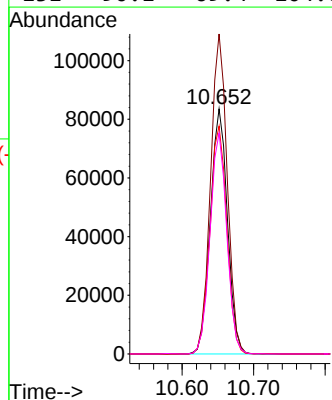
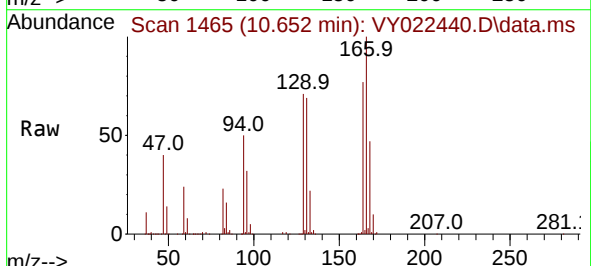
Ion Ratio Lower Upper

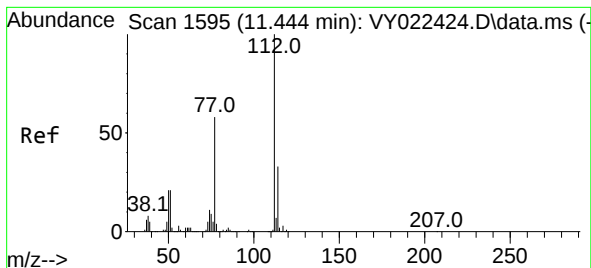
164 100

166 130.5 102.0 153.0

129 92.9 71.3 106.9

131 90.1 69.4 104.0





#65

Chlorobenzene

Concen: 49.966 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

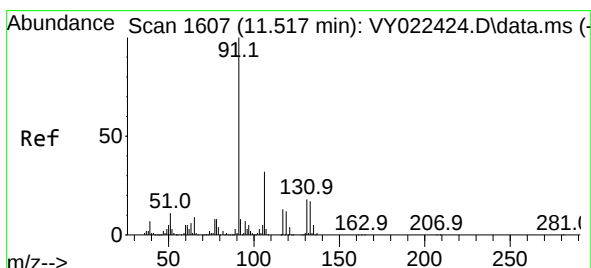
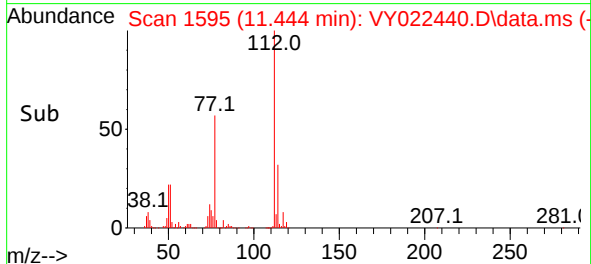
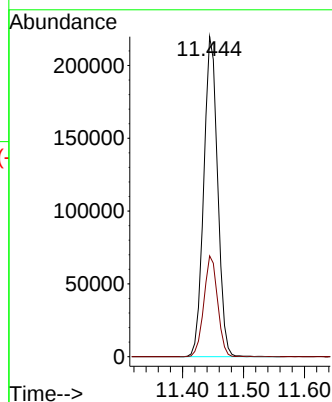
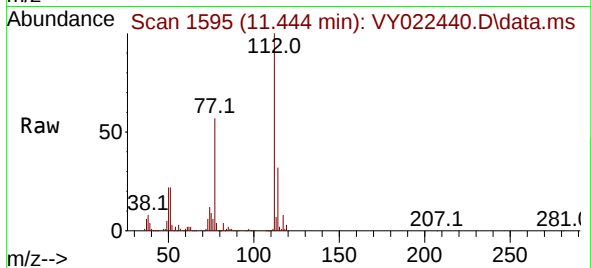
VSTDCCC050

Tgt Ion:112 Resp: 348132

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.536 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

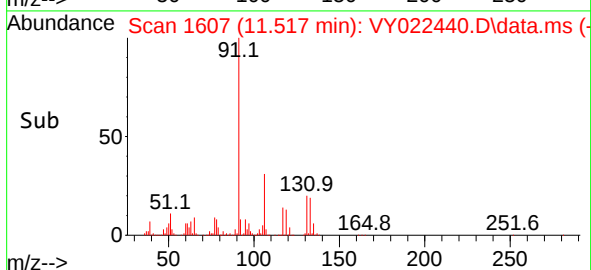
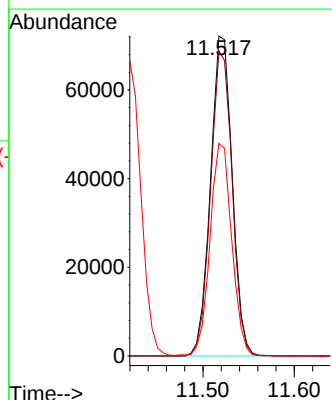
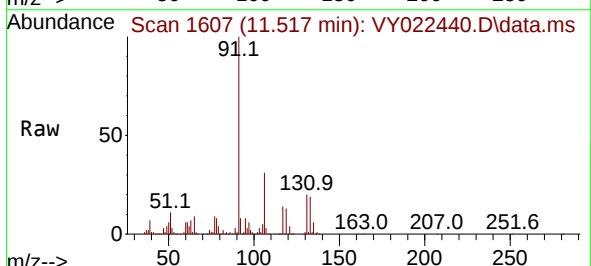
Tgt Ion:131 Resp: 119298

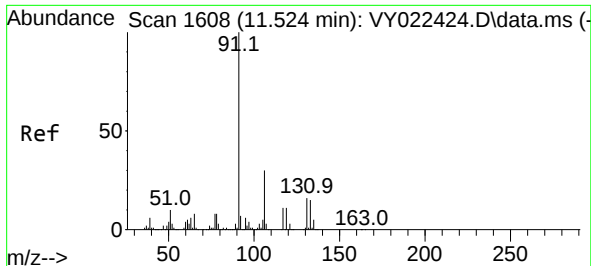
Ion Ratio Lower Upper

131 100

133 94.7 46.6 139.8

119 66.4 33.3 99.8





#67

Ethyl Benzene

Concen: 49.361 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

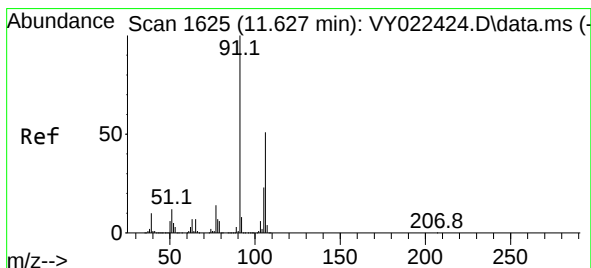
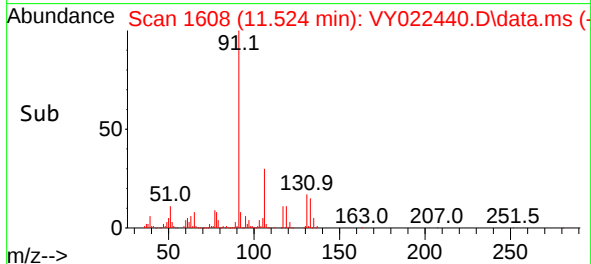
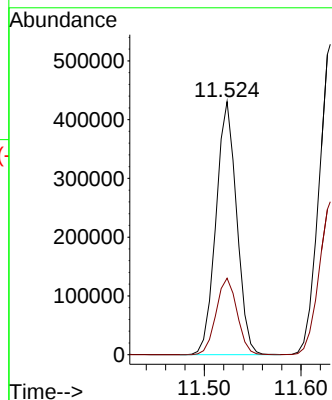
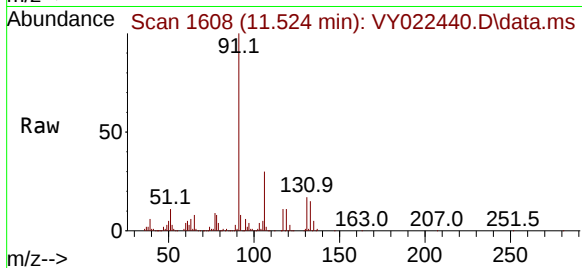
VSTDCCC050

Tgt Ion: 91 Resp: 638589

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 98.178 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022440.D

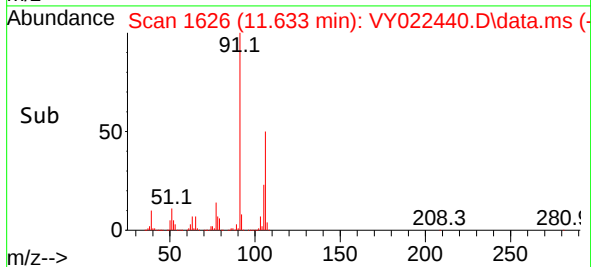
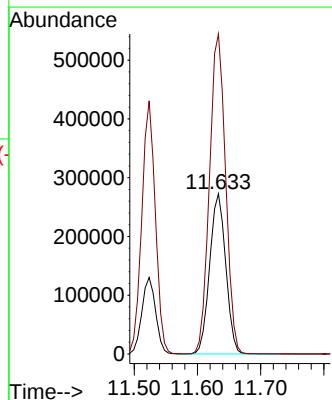
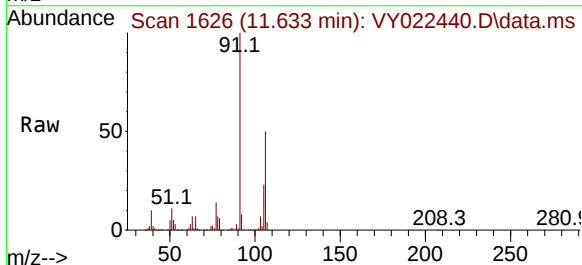
Acq: 28 May 2025 09:23

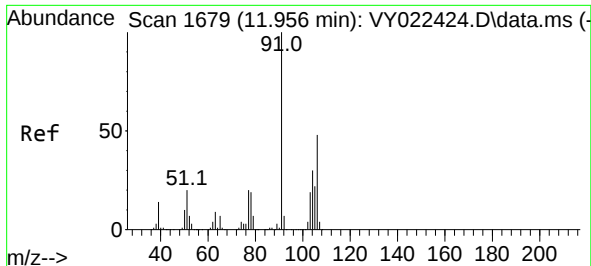
Tgt Ion:106 Resp: 481558

Ion Ratio Lower Upper

106 100

91 200.4 159.8 239.8

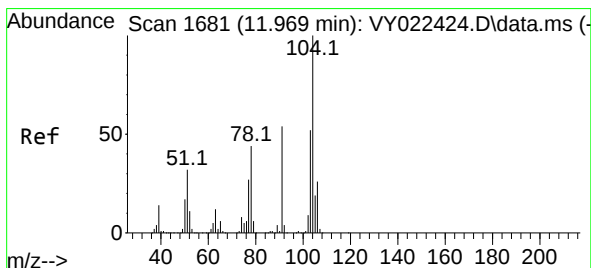
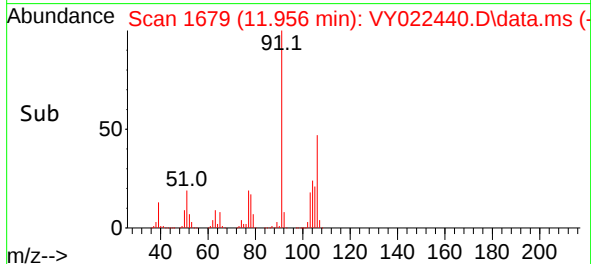
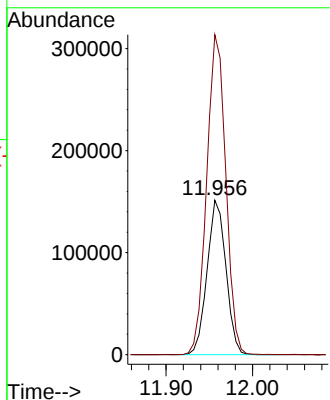
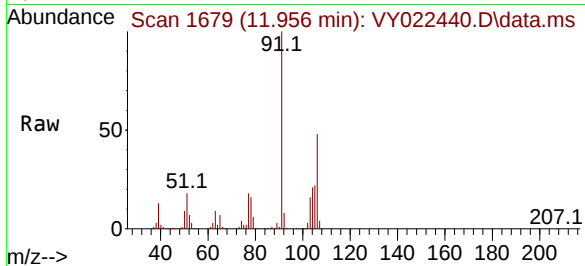




#69
o-Xylene
Concen: 49.650 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

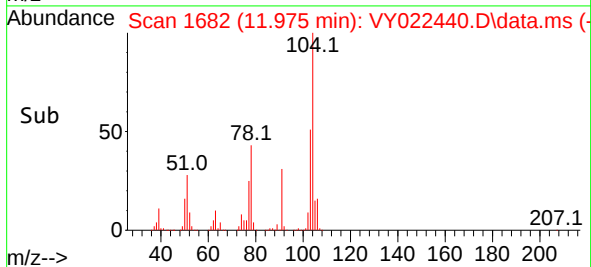
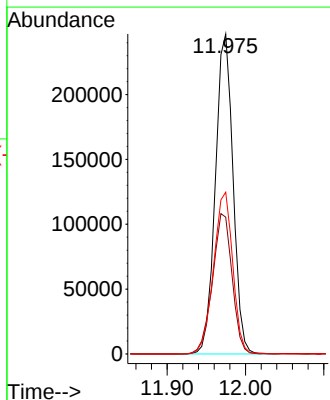
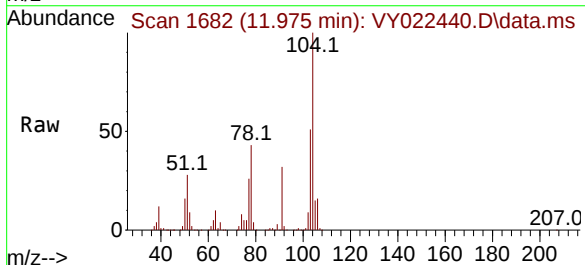
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

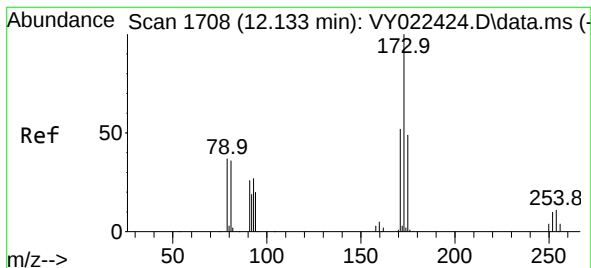
Tgt Ion:106 Resp: 228881
Ion Ratio Lower Upper
106 100
91 210.3 106.3 318.9



#70
Styrene
Concen: 50.362 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:104 Resp: 386573
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.0 43.4 65.2





#71

Bromoform

Concen: 51.798 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

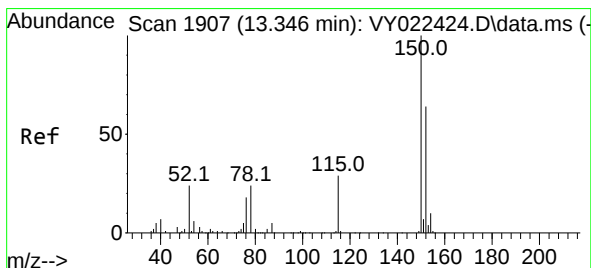
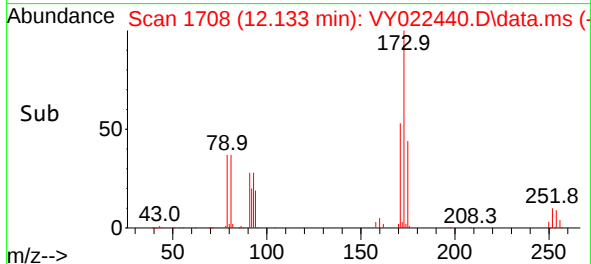
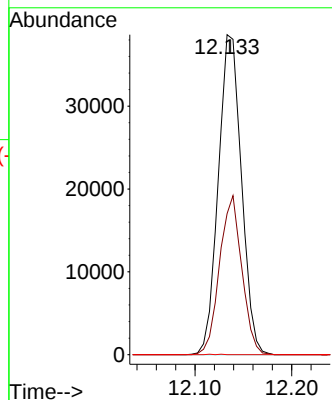
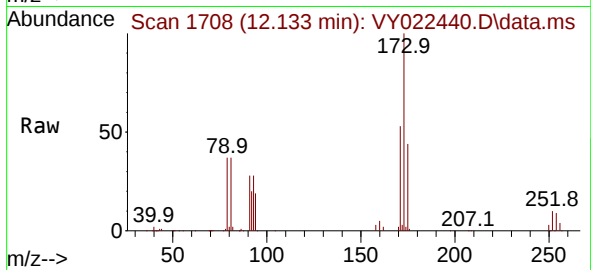
Tgt Ion:173 Resp: 64049

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

254 0.0 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: VY022440.D

Acq: 28 May 2025 09:23

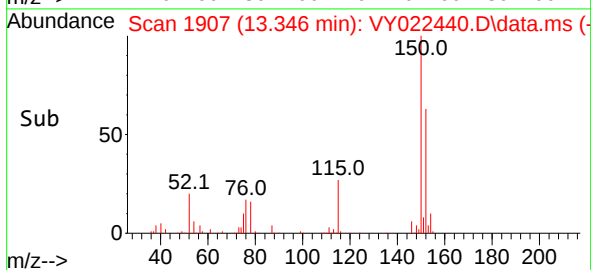
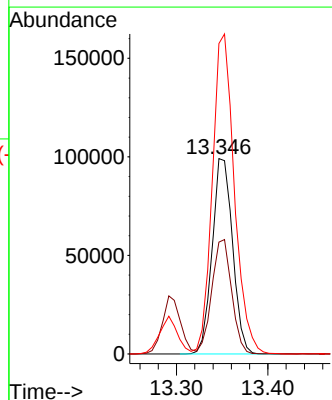
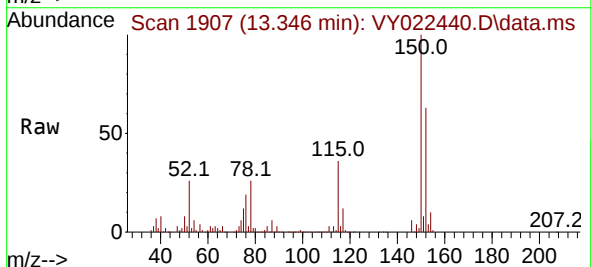
Tgt Ion:152 Resp: 153754

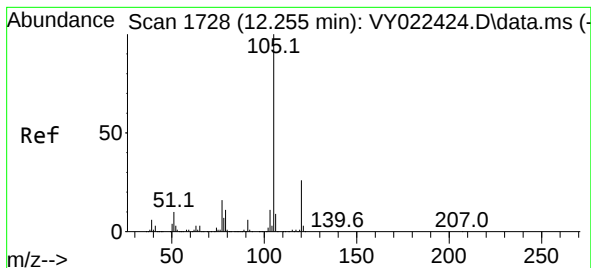
Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.3

150 176.5 0.0 345.8





#73

Isopropylbenzene

Concen: 48.614 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

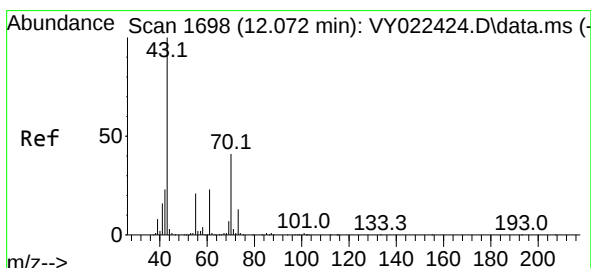
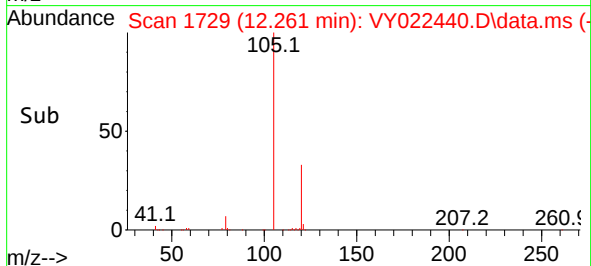
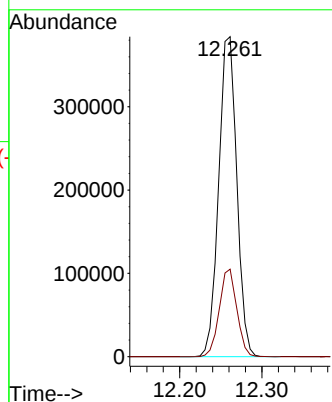
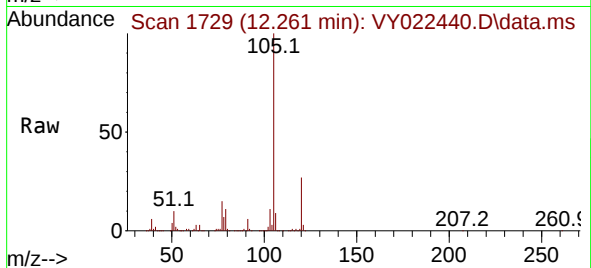
VSTDCCC050

Tgt Ion:105 Resp: 588277

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 52.512 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion: 43 Resp: 155489

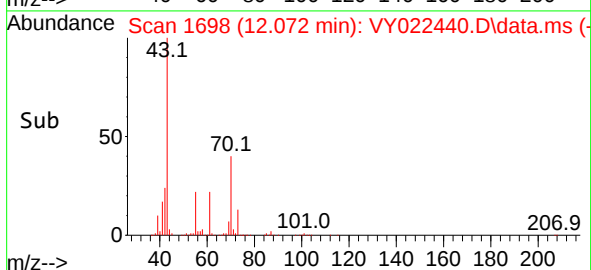
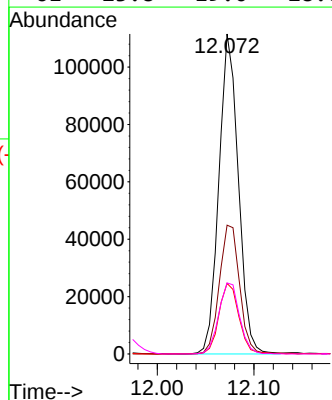
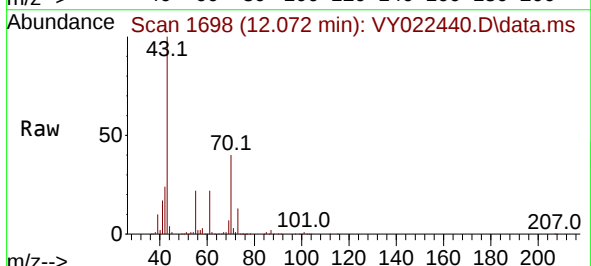
Ion Ratio Lower Upper

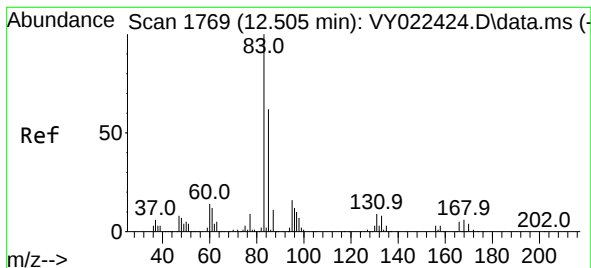
43 100

70 42.0 33.0 49.4

55 22.9 17.5 26.3

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.744 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

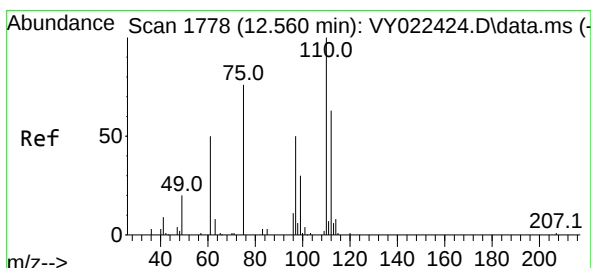
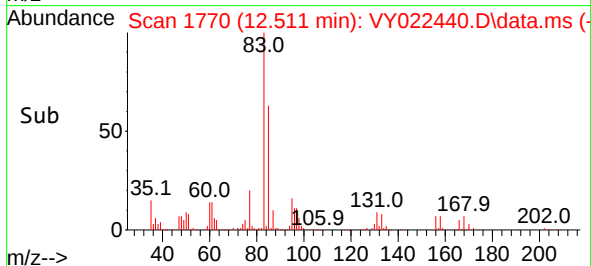
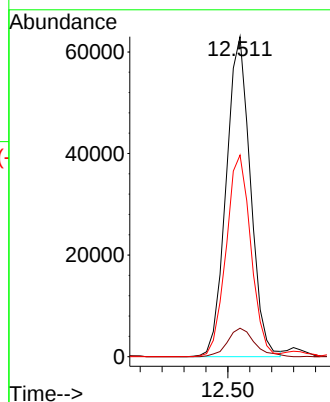
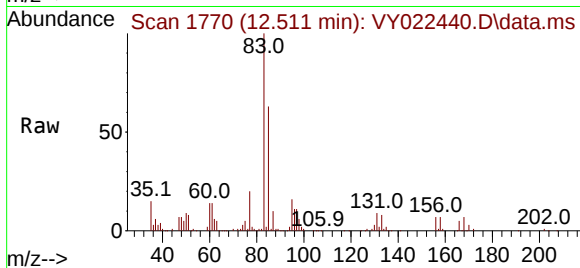
Tgt Ion: 83 Resp: 96746

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.4

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 91.064 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022440.D

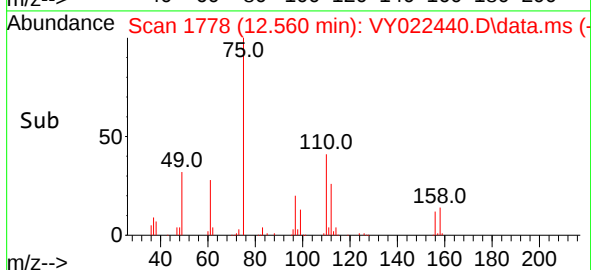
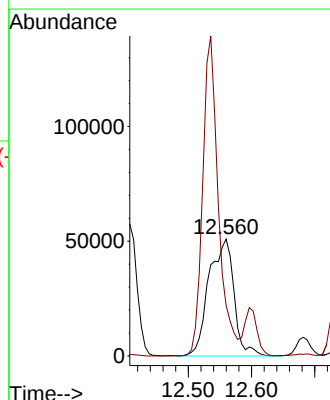
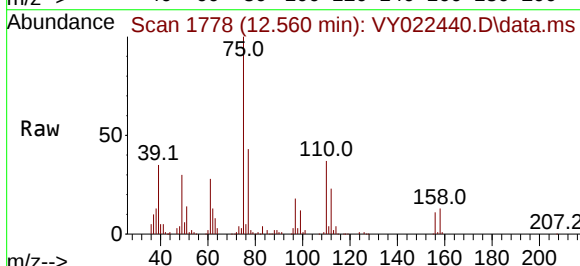
Acq: 28 May 2025 09:23

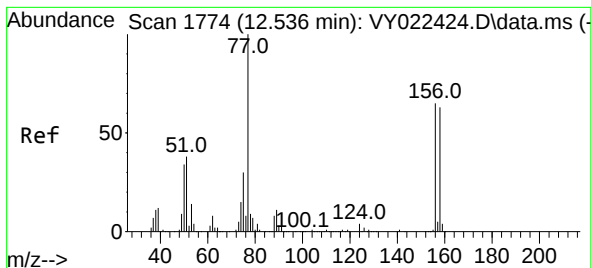
Tgt Ion: 75 Resp: 140247

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.315 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

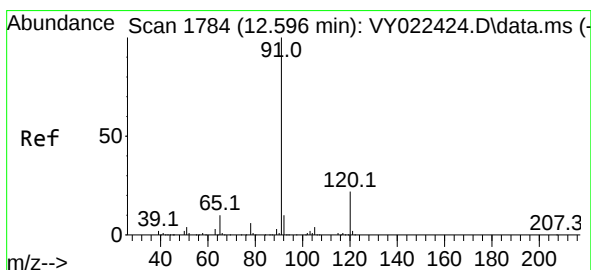
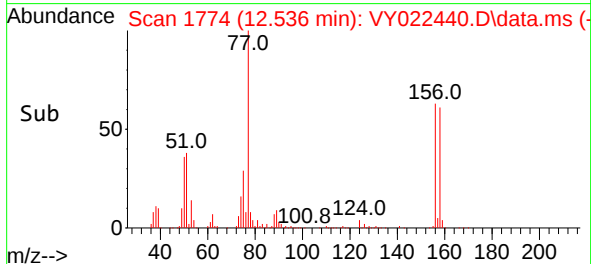
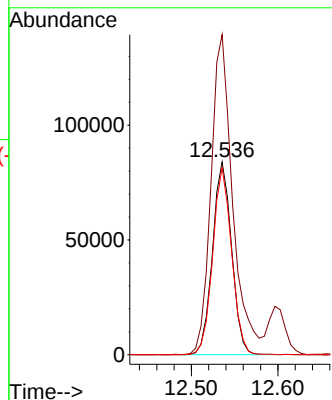
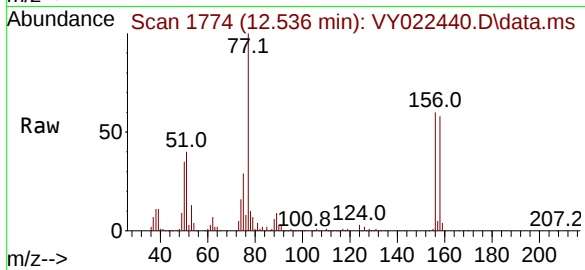
Tgt Ion:156 Resp: 128422

Ion Ratio Lower Upper

156 100

77 188.0 91.4 274.2

158 96.3 48.1 144.3



#78

n-propylbenzene

Concen: 49.158 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022440.D

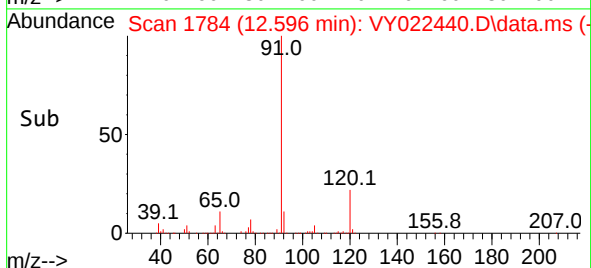
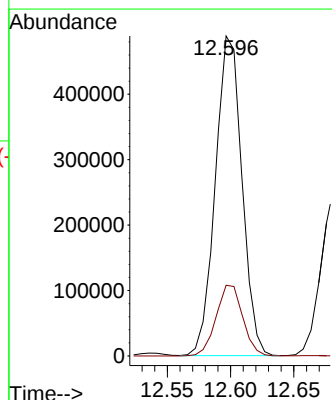
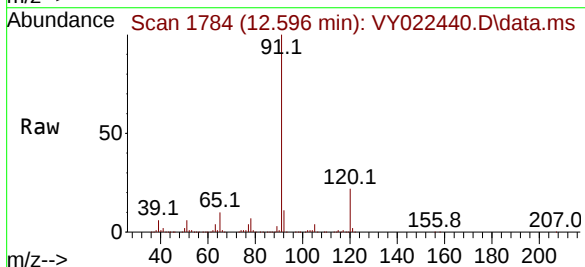
Acq: 28 May 2025 09:23

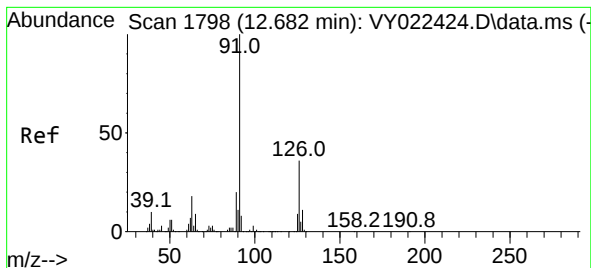
Tgt Ion: 91 Resp: 713880

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

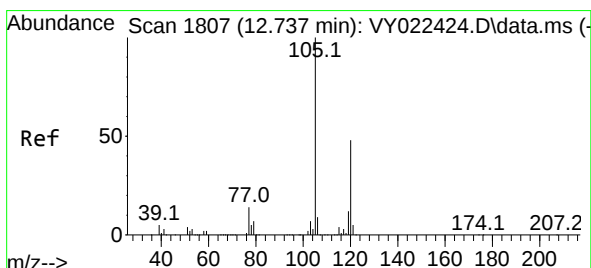
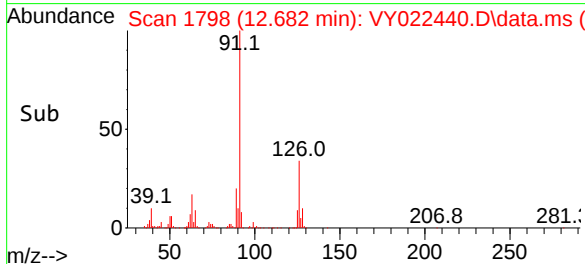
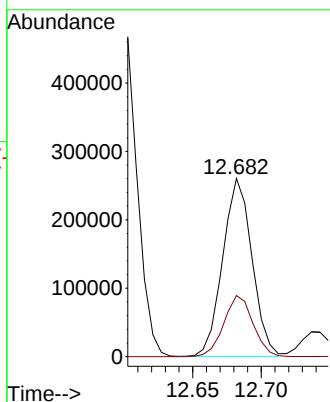
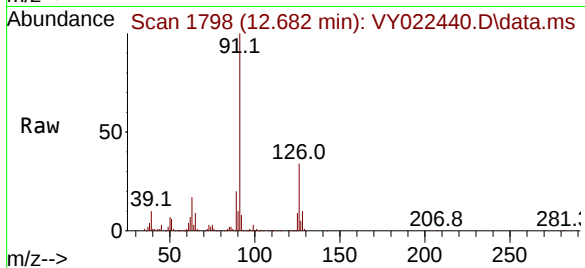




#79
2-Chlorotoluene
Concen: 49.157 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

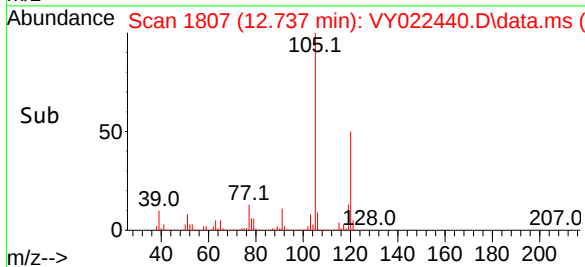
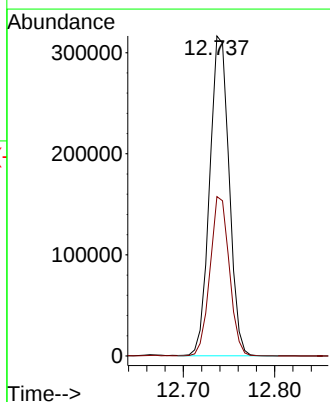
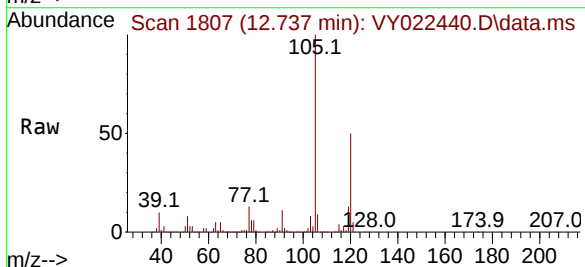
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

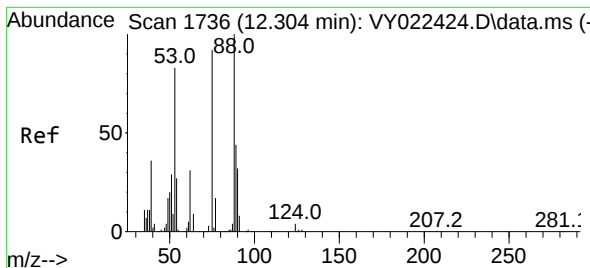
Tgt Ion: 91 Resp: 386429
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 49.382 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 105 Resp: 466911
Ion Ratio Lower Upper
105 100
120 49.4 24.3 73.0

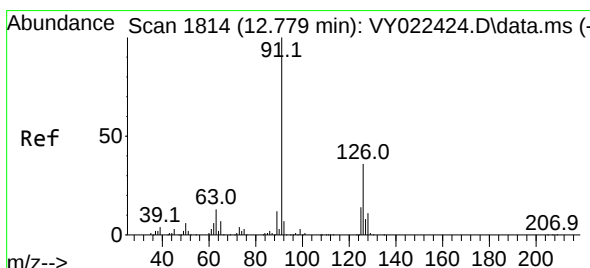
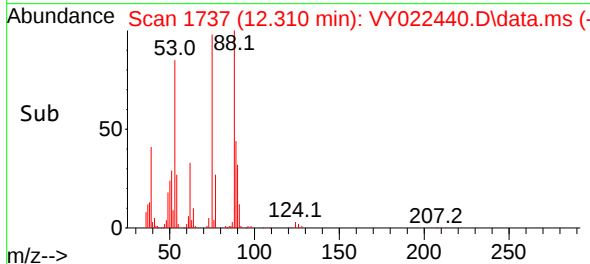
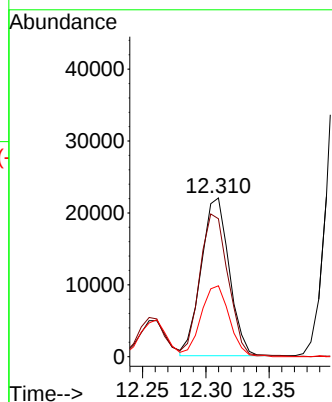
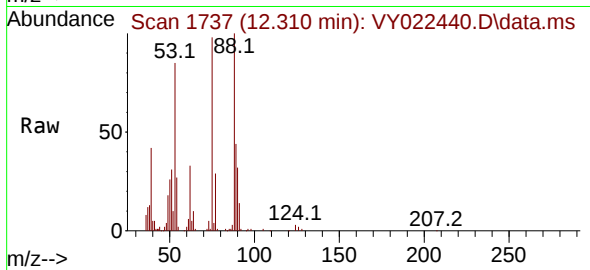




#81
trans-1,4-Dichloro-2-butene
Concen: 49.749 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

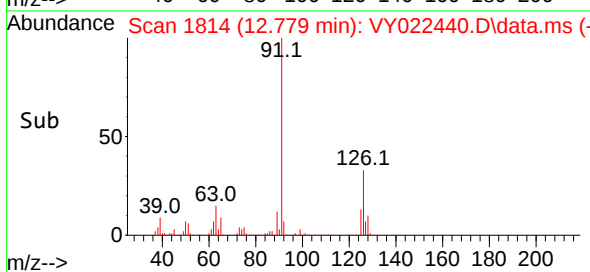
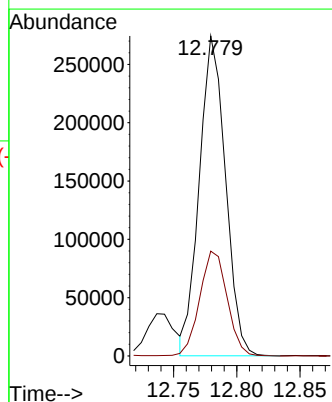
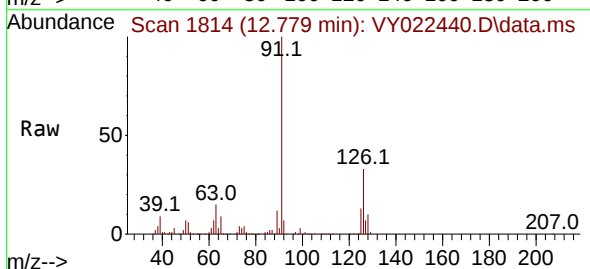
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

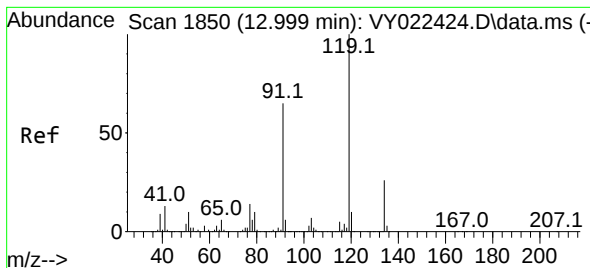
Tgt Ion: 75 Resp: 33880
Ion Ratio Lower Upper
75 100
53 92.2 75.1 112.7
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.729 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 91 Resp: 394525
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.000 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

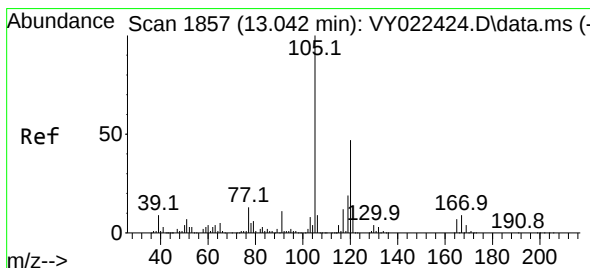
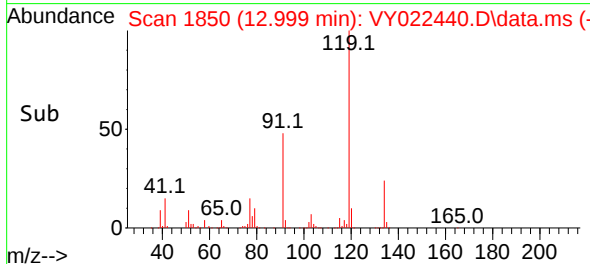
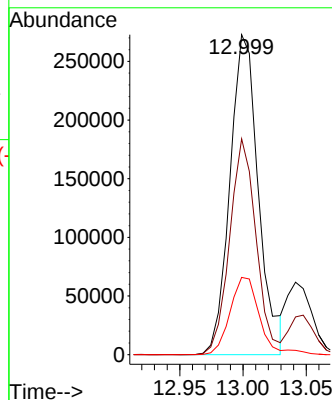
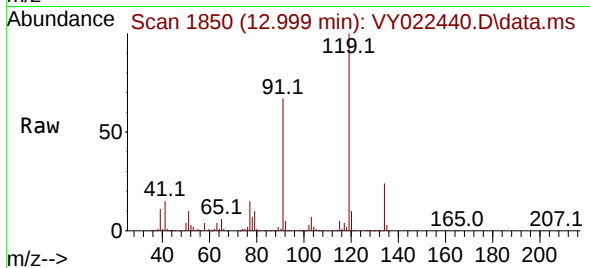
Tgt Ion:119 Resp: 427128

Ion Ratio Lower Upper

119 100

91 62.7 31.8 95.3

134 25.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.009 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022440.D

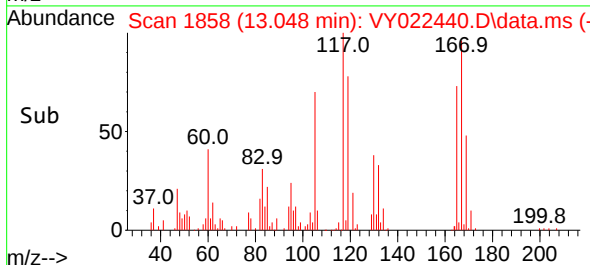
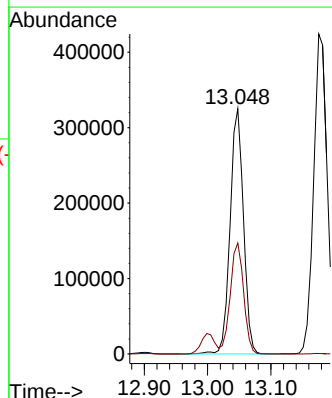
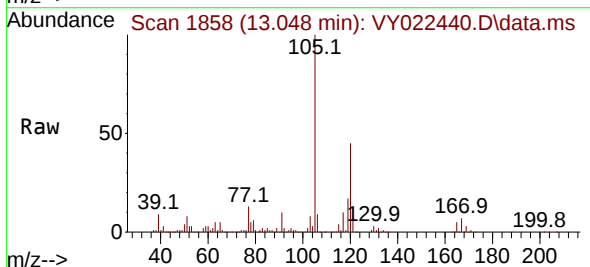
Acq: 28 May 2025 09:23

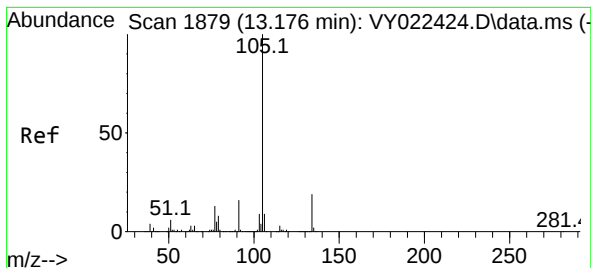
Tgt Ion:105 Resp: 475831

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 49.604 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

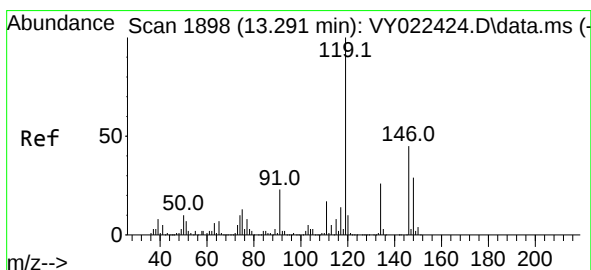
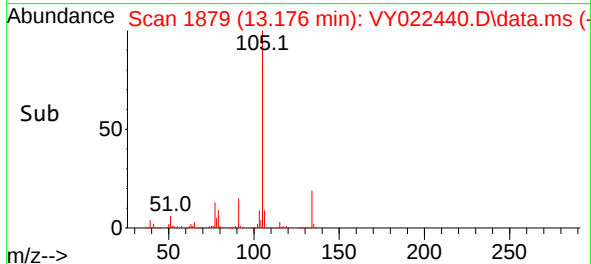
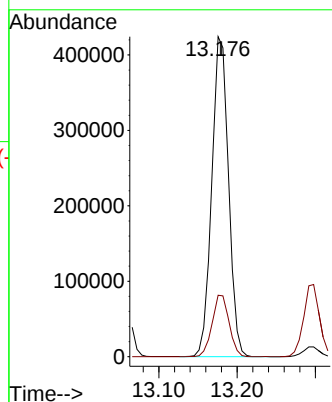
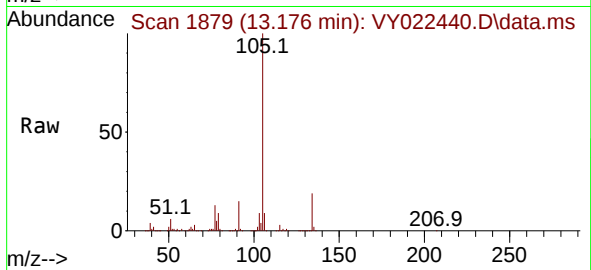
VSTDCCC050

Tgt Ion:105 Resp: 628418

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 49.530 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

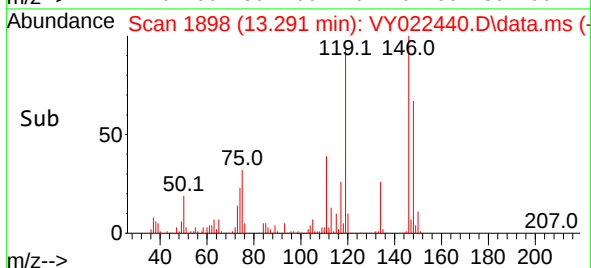
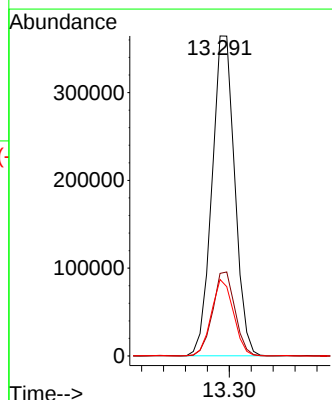
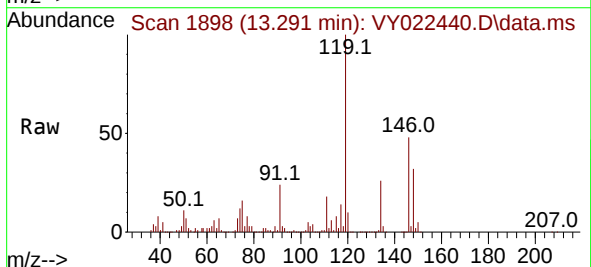
Tgt Ion:119 Resp: 523985

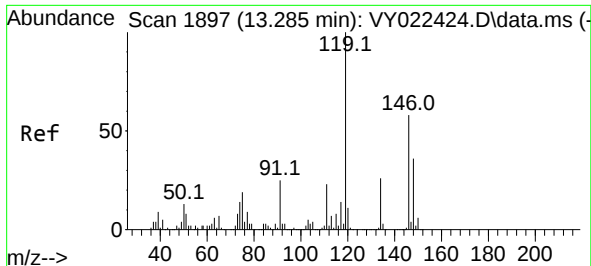
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.2 11.6 34.8

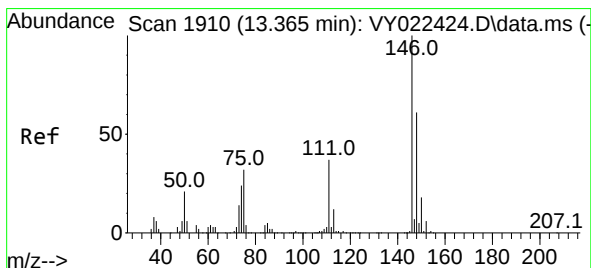
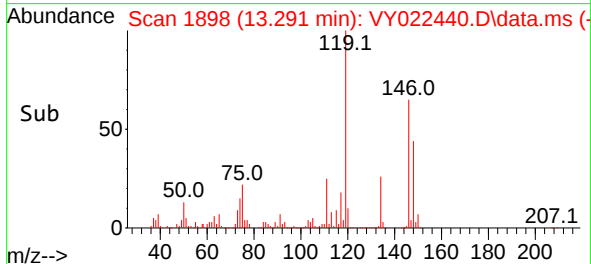
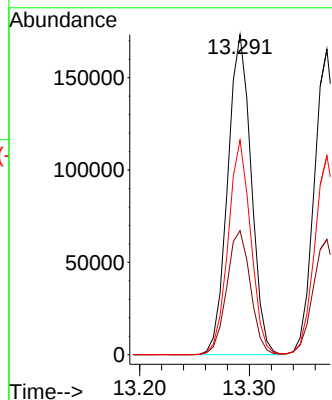
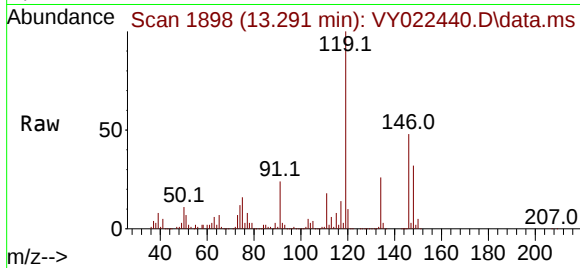




#87
1,3-Dichlorobenzene
Concen: 49.305 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

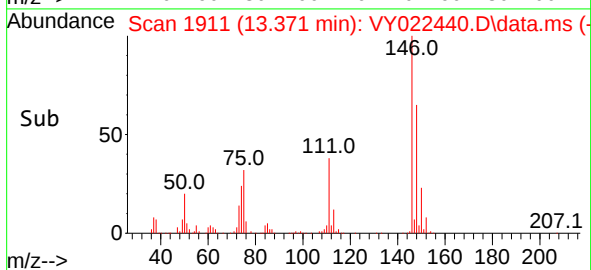
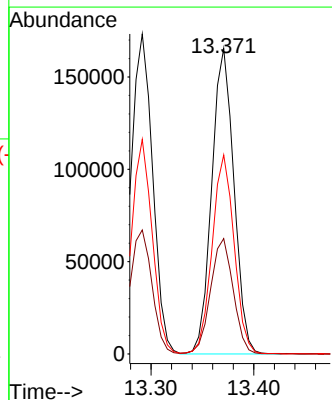
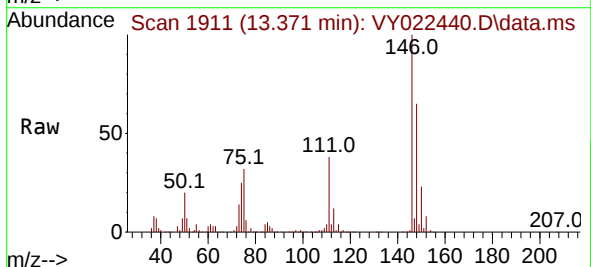
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

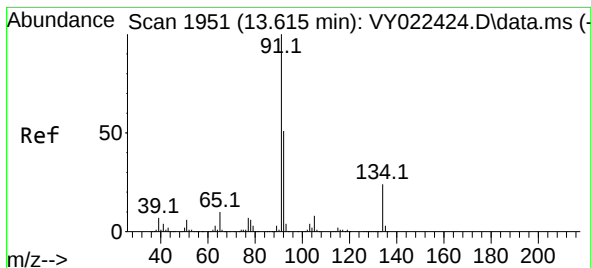
Tgt Ion:146 Resp: 258344
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.582 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:146 Resp: 248406
Ion Ratio Lower Upper
146 100
111 38.5 18.7 56.1
148 64.7 31.4 94.3





#89

n-Butylbenzene

Concen: 50.498 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

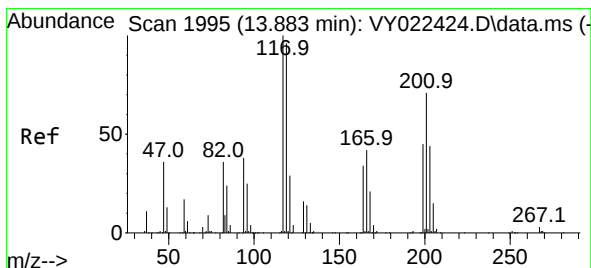
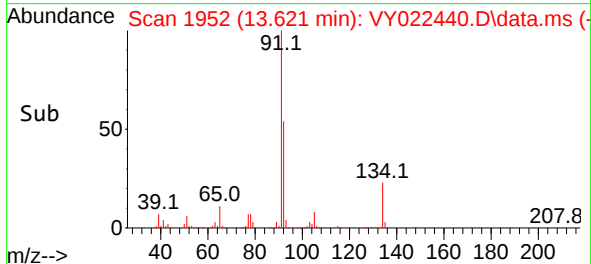
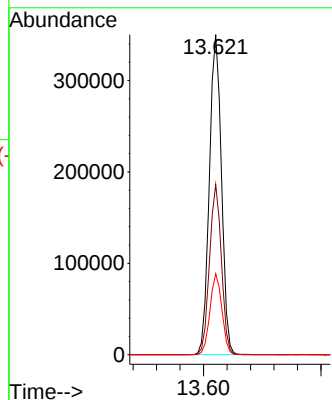
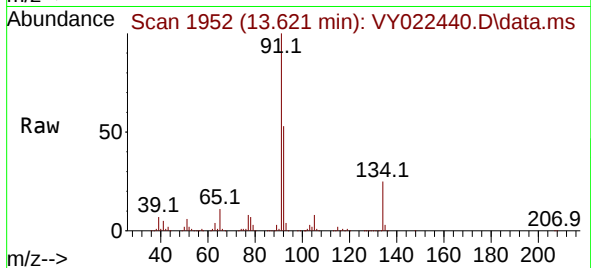
Tgt Ion: 91 Resp: 500896

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.6

134 24.9 12.4 37.0



#90

Hexachloroethane

Concen: 49.407 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022440.D

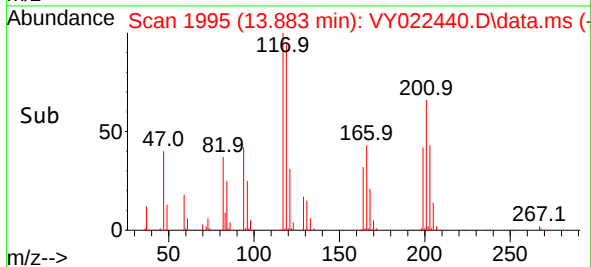
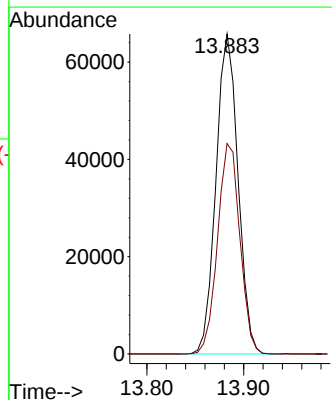
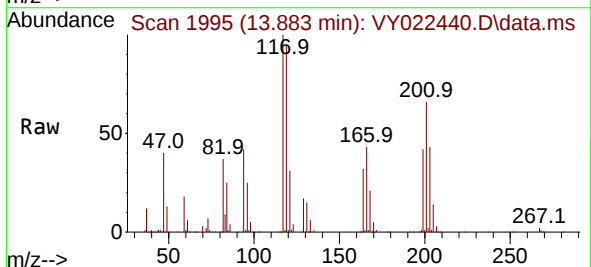
Acq: 28 May 2025 09:23

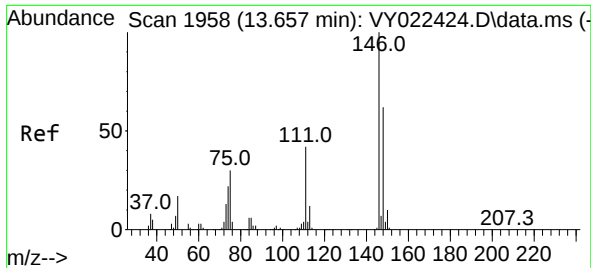
Tgt Ion: 117 Resp: 104014

Ion Ratio Lower Upper

117 100

201 66.6 35.0 105.0

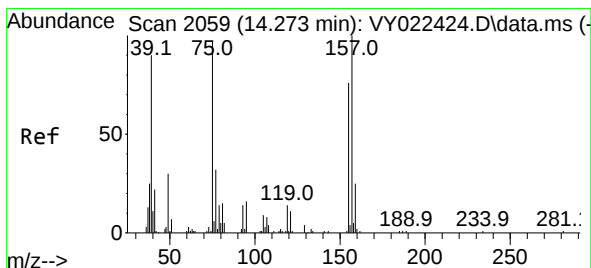
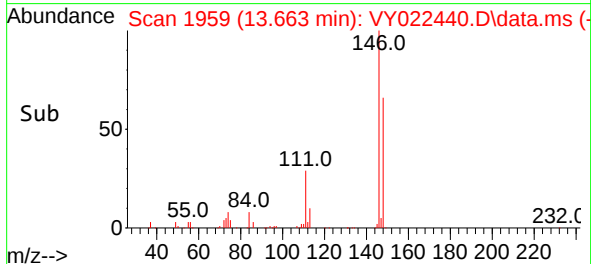
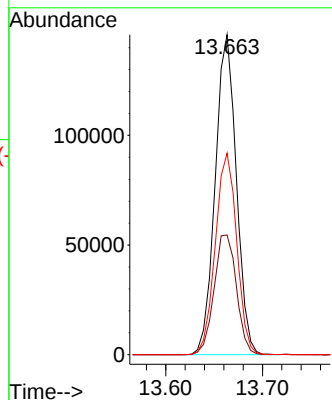
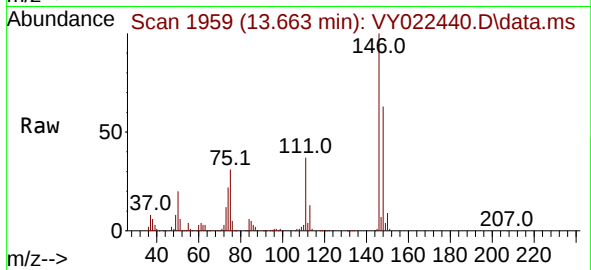




#91
1,2-Dichlorobenzene
Concen: 50.545 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

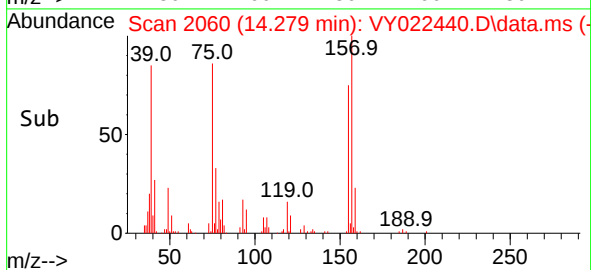
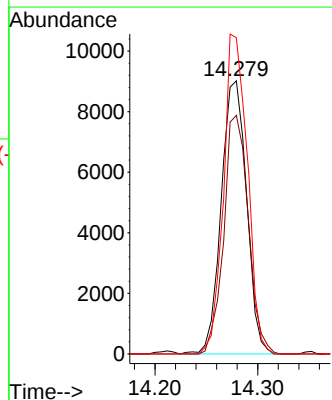
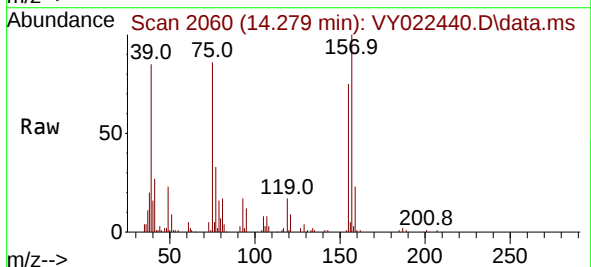
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

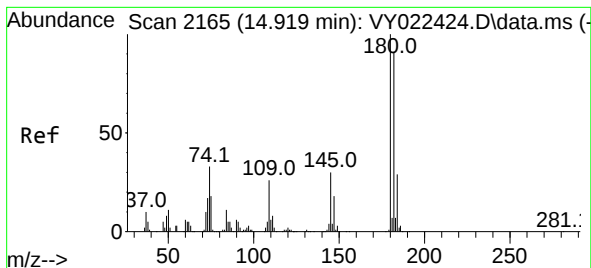
Tgt Ion:146 Resp: 221206
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.6
148 63.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.317 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion: 75 Resp: 15413
Ion Ratio Lower Upper
75 100
155 84.6 42.3 126.8
157 110.1 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.144 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

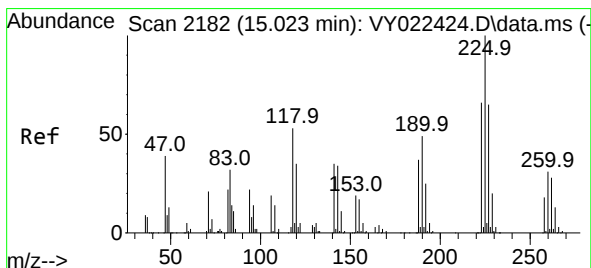
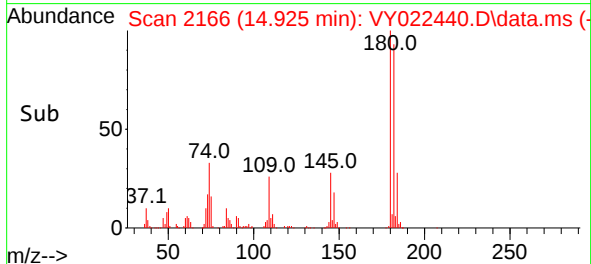
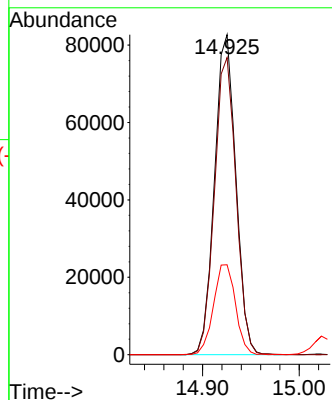
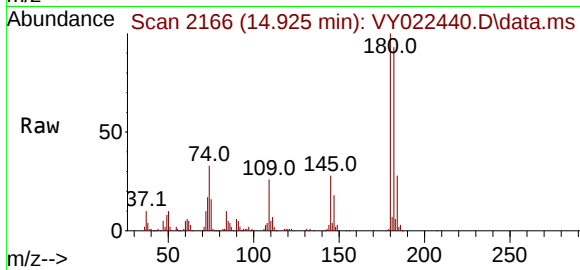
Tgt Ion:180 Resp: 126513

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

145 29.1 14.2 42.8



#94

Hexachlorobutadiene

Concen: 49.966 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

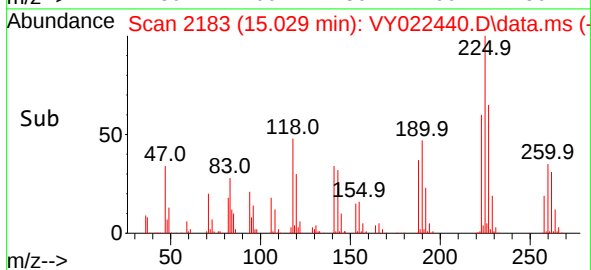
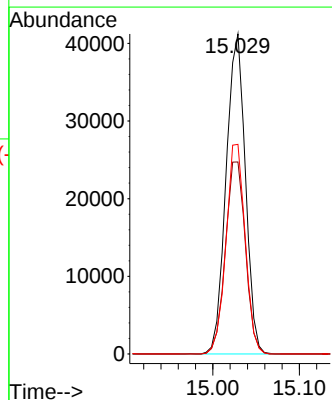
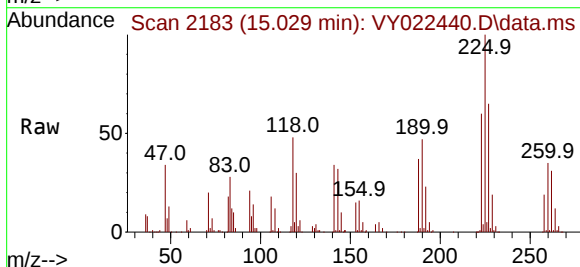
Tgt Ion:225 Resp: 63620

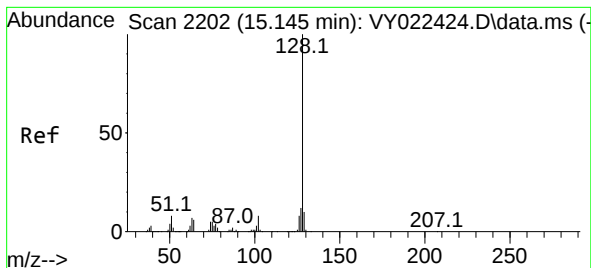
Ion Ratio Lower Upper

225 100

223 62.4 32.6 97.7

227 65.3 33.0 99.0





#95

Naphthalene

Concen: 54.023 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

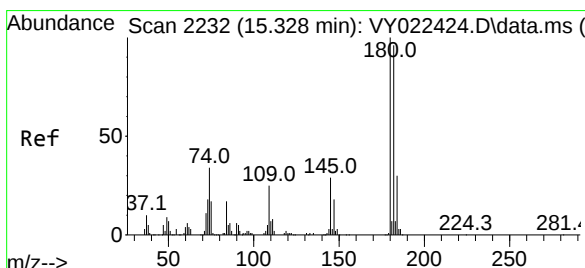
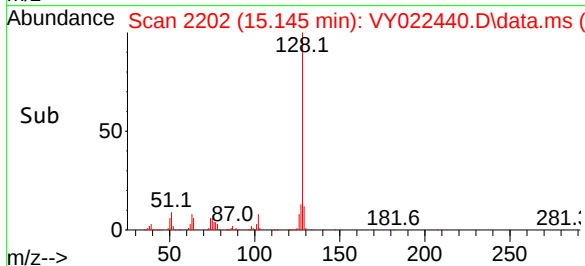
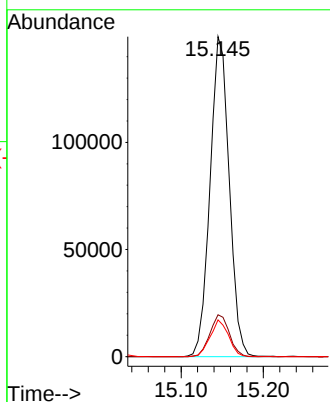
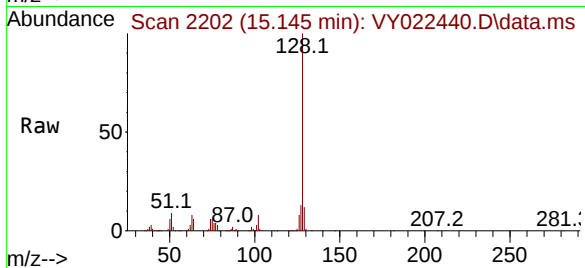
Tgt Ion:128 Resp: 242310

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.908 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion:180 Resp: 107266

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 30.6 14.9 44.5

