

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022407.D
 Acq On : 23 May 2025 14:34
 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 23 23:19:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	221240	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	368290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	319713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	156128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105056	43.448	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.900%
35) Dibromofluoromethane	7.640	113	103275	46.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.115	98	390436	43.369	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.740%
62) 4-Bromofluorobenzene	12.414	95	123042	43.119	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	116968	50.667	ug/l	96
3) Chloromethane	2.074	50	290256	59.771	ug/l	98
4) Vinyl Chloride	2.208	62	347178	63.990	ug/l	100
5) Bromomethane	2.598	94	413446	93.610	ug/l	96
6) Chloroethane	2.738	64	259722	76.947	ug/l	95
7) Trichlorofluoromethane	3.055	101	319919	58.240	ug/l	99
8) Diethyl Ether	3.464	74	67445	51.162	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	132232	55.449	ug/l	99
10) Methyl Iodide	4.013	142	155151	56.212	ug/l	99
11) Tert butyl alcohol	4.891	59	43078	233.304	ug/l #	100
12) 1,1-Dichloroethene	3.799	96	128262	54.199	ug/l	98
13) Acrolein	3.671	56	5422	20.087	ug/l	87
14) Allyl chloride	4.397	41	191433	46.134	ug/l	93
15) Acrylonitrile	5.073	53	136585	251.450	ug/l	99
16) Acetone	3.891	43	124446	274.484	ug/l	93
17) Carbon Disulfide	4.110	76	412873	53.502	ug/l	100
18) Methyl Acetate	4.397	43	61387	42.944	ug/l #	91
19) Methyl tert-butyl Ether	5.128	73	339482	52.026	ug/l	94
20) Methylene Chloride	4.622	84	135048	46.098	ug/l	92
21) trans-1,2-Dichloroethene	5.128	96	139138	53.266	ug/l	91
22) Diisopropyl ether	6.031	45	412983	47.129	ug/l	98
23) Vinyl Acetate	5.970	43	1279163	241.628	ug/l	97
24) 1,1-Dichloroethane	5.921	63	251699	51.413	ug/l	99
25) 2-Butanone	6.908	43	182592	240.768	ug/l	98
26) 2,2-Dichloropropane	6.896	77	229889	52.796	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	164793	54.670	ug/l	96
28) Bromochloromethane	7.250	49	100083	47.928	ug/l	95
29) Tetrahydrofuran	7.274	42	115013	235.730	ug/l	93
30) Chloroform	7.427	83	251591	53.578	ug/l	94
31) Cyclohexane	7.713	56	236552	48.361	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	224345	52.075	ug/l	99
36) 1,1-Dichloropropene	7.847	75	193158	53.349	ug/l	99
37) Ethyl Acetate	6.994	43	83173	47.744	ug/l #	96
38) Carbon Tetrachloride	7.829	117	199987	53.361	ug/l	99
39) Methylcyclohexane	9.115	83	262827	54.032	ug/l	97
40) Benzene	8.085	78	572541	53.342	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	49714	43.021	ug/l #	86
42) 1,2-Dichloroethane	8.164	62	150005	51.680	ug/l	99
43) Isopropyl Acetate	8.207	43	180176	47.424	ug/l	96
44) Trichloroethene	8.872	130	142169	53.270	ug/l	95
45) 1,2-Dichloropropane	9.146	63	133774	51.695	ug/l	97
46) Dibromomethane	9.237	93	74785	53.582	ug/l	100
47) Bromodichloromethane	9.432	83	192142	53.066	ug/l	99
48) Methyl methacrylate	9.225	41	82263	46.300	ug/l	92
49) 1,4-Dioxane	9.243	88	15964	1012.465	ug/l	91
51) 4-Methyl-2-Pentanone	10.005	43	444290	238.329	ug/l	94
52) Toluene	10.176	92	363814	53.527	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	179206	50.715	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	211578	52.261	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	95964	53.693	ug/l	97
56) Ethyl methacrylate	10.444	69	143099	51.400	ug/l	96
57) 1,3-Dichloropropane	10.725	76	168420	53.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	319778	255.904	ug/l	97
59) 2-Hexanone	10.768	43	305492	244.413	ug/l	96
60) Dibromochloromethane	10.920	129	124963	53.868	ug/l	100
61) 1,2-Dibromoethane	11.017	107	89675	53.833	ug/l	99
64) Tetrachloroethene	10.652	164	148025	50.091	ug/l	99
65) Chlorobenzene	11.450	112	380959	52.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	129105	52.064	ug/l	99
67) Ethyl Benzene	11.523	91	709631	52.532	ug/l	98
68) m/p-Xylenes	11.633	106	541165	106.314	ug/l	98
69) o-Xylene	11.962	106	254806	52.908	ug/l	96
70) Styrene	11.975	104	426601	52.512	ug/l	98
71) Bromoform	12.139	173	67751	50.619	ug/l #	100
73) Isopropylbenzene	12.261	105	664453	51.371	ug/l	100
74) N-amyl acetate	12.072	43	169349	45.779	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	104308	52.437	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	146294	92.489	ug/l #	100
77) Bromobenzene	12.536	156	139511	50.501	ug/l	98
78) n-propylbenzene	12.603	91	809774	51.904	ug/l	100
79) 2-Chlorotoluene	12.682	91	427999	49.921	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	525917	50.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	36785	47.111	ug/l	97
82) 4-Chlorotoluene	12.779	91	439995	49.894	ug/l	97
83) tert-Butylbenzene	13.005	119	474547	51.135	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	526654	50.812	ug/l	98
85) sec-Butylbenzene	13.182	105	714168	51.842	ug/l	100
86) p-Isopropyltoluene	13.298	119	606476	52.345	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	289621	51.356	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	275777	50.838	ug/l	98
89) n-Butylbenzene	13.621	91	571460	52.136	ug/l	99
90) Hexachloroethane	13.883	117	116364	49.754	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	241462	50.973	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15803	49.266	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	136047	49.720	ug/l	99
94) Hexachlorobutadiene	15.029	225	75960	49.779	ug/l	99
95) Naphthalene	15.151	128	261527	50.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	116775	50.307	ug/l	98

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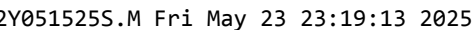
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

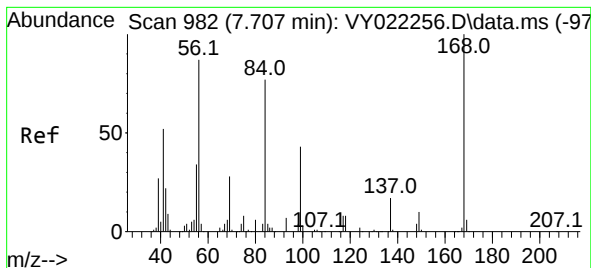
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 9

Delta R.T. 0.012 min

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ClientSampleId :

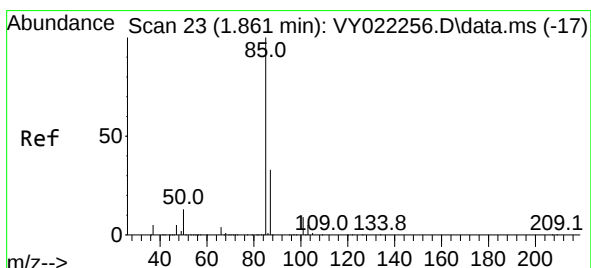
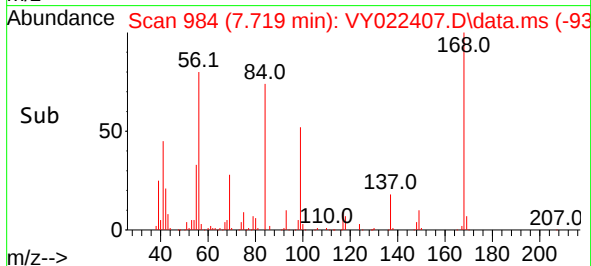
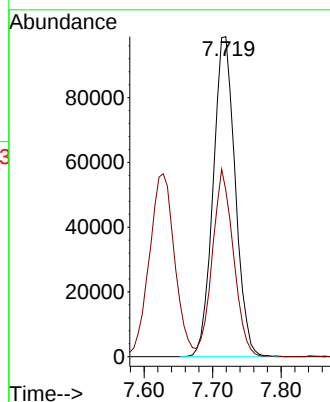
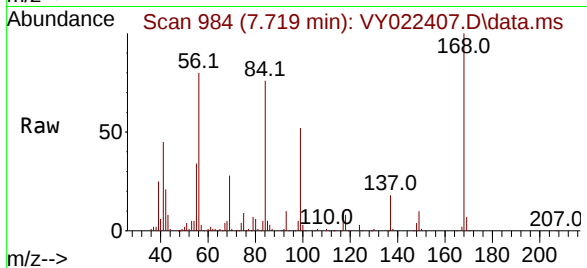
VSTDCCC050

Tgt Ion:168 Resp: 221240

Ion Ratio Lower Upper

168 100

99 51.8 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 50.667 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022407.D

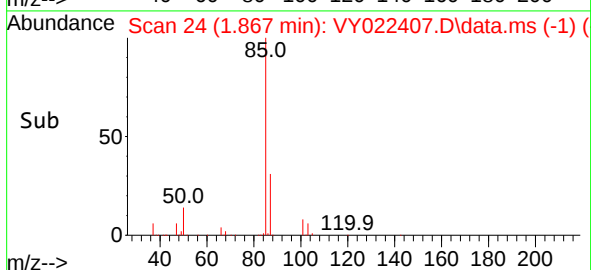
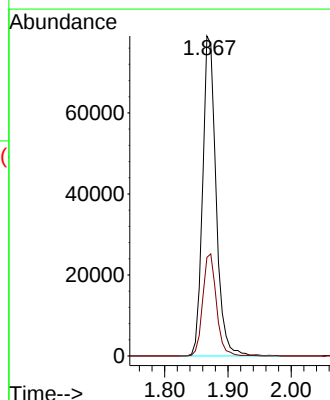
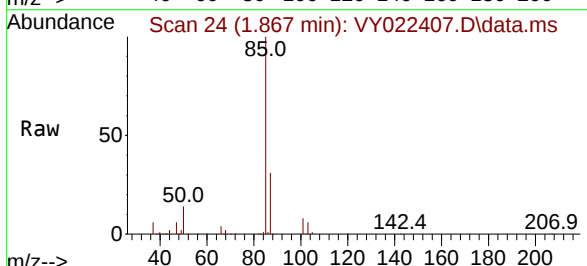
Acq: 23 May 2025 14:34

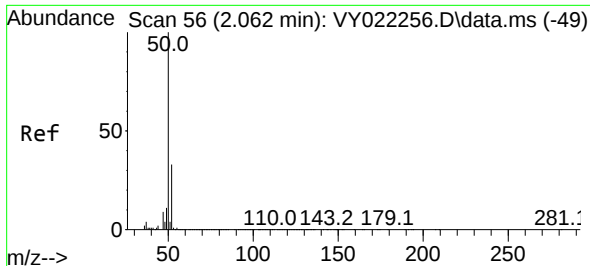
Tgt Ion: 85 Resp: 116968

Ion Ratio Lower Upper

85 100

87 30.8 16.5 49.5

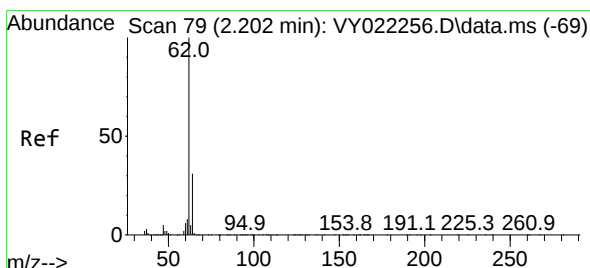
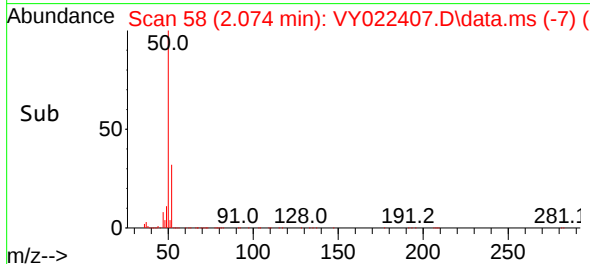
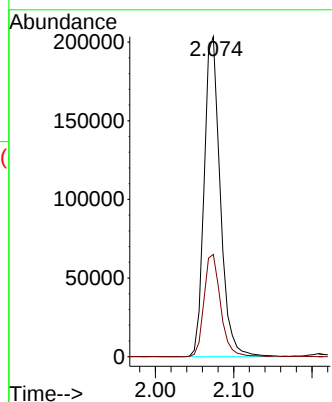
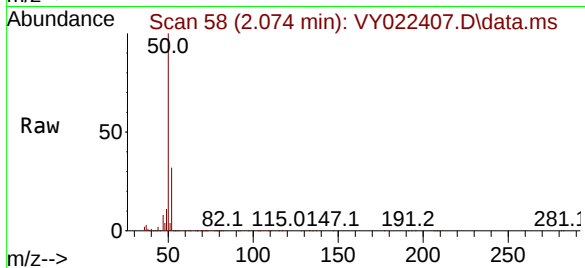




#3
Chloromethane
Concen: 59.771 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

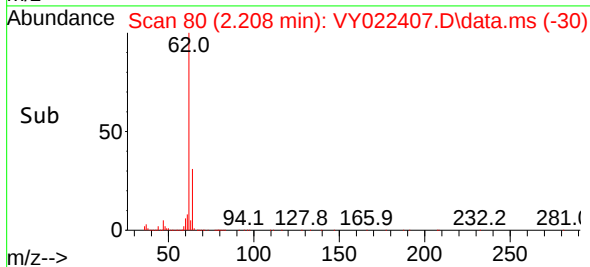
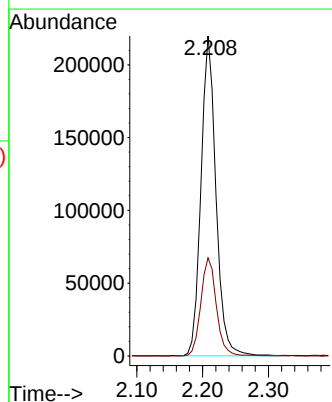
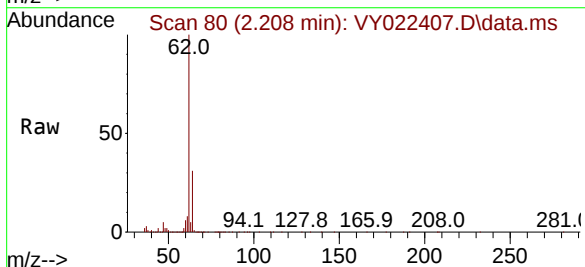
Instrument :
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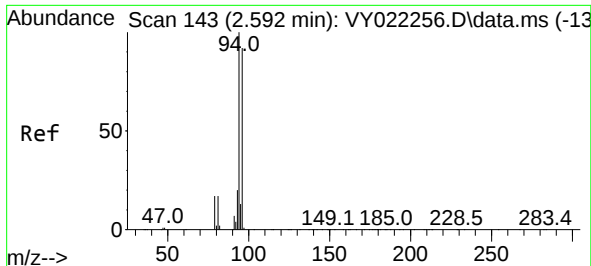
Tgt Ion: 50 Resp: 290256
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7



#4
Vinyl Chloride
Concen: 63.990 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 62 Resp: 347178
Ion Ratio Lower Upper
62 100
64 30.7 24.5 36.7

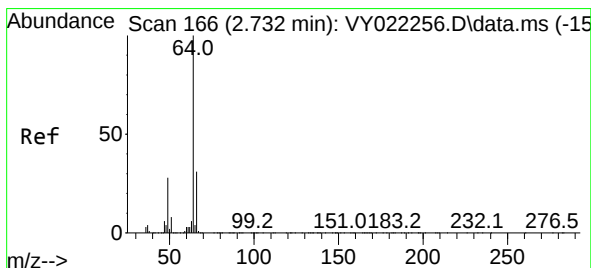
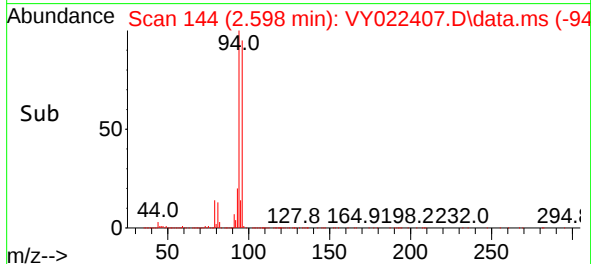
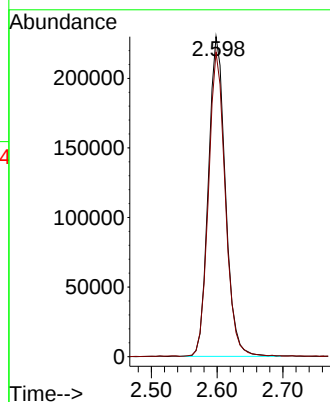
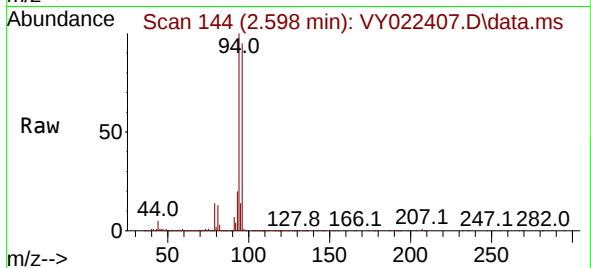




#5
Bromomethane
Concen: 93.610 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

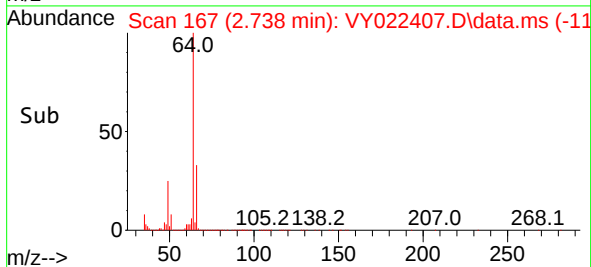
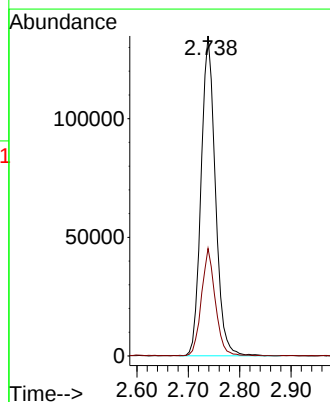
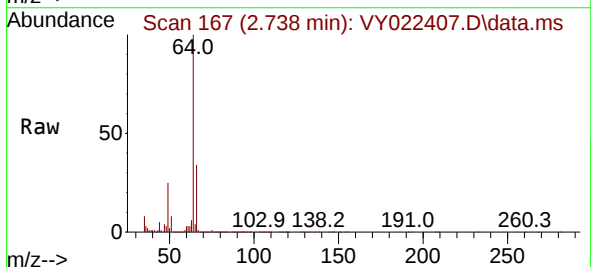
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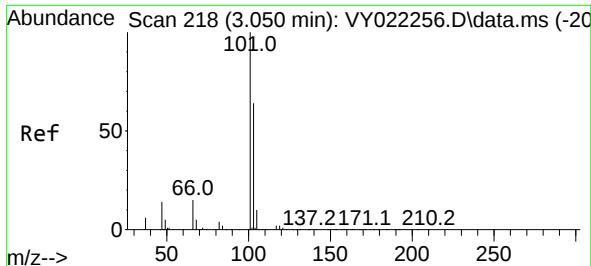
Tgt Ion: 94 Resp: 413446
Ion Ratio Lower Upper
94 100
96 95.1 73.4 110.0



#6
Chloroethane
Concen: 76.947 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 64 Resp: 259722
Ion Ratio Lower Upper
64 100
66 33.5 24.8 37.2

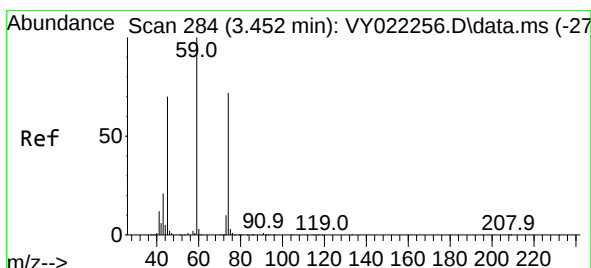
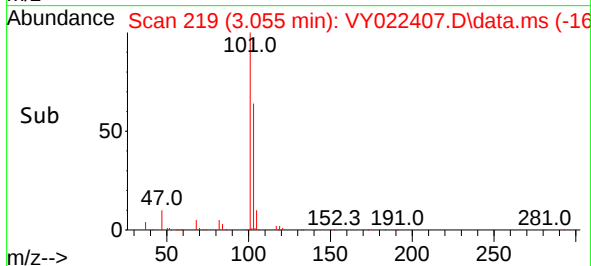
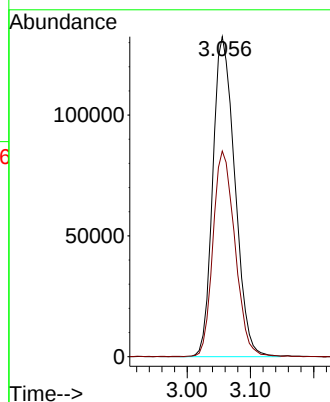
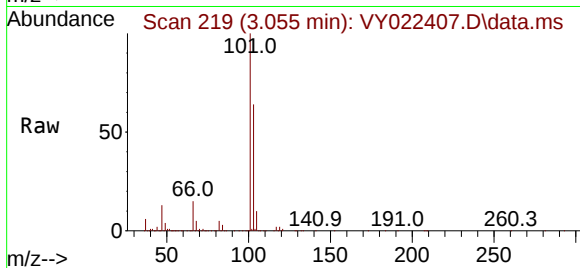




#7
 Trichlorofluoromethane
 Concen: 58.240 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

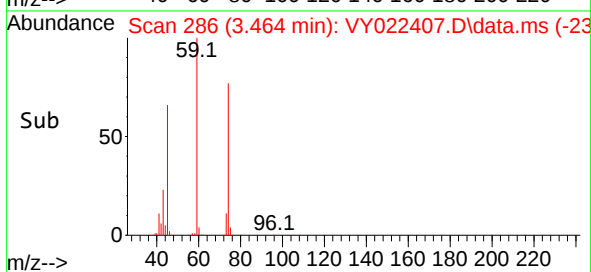
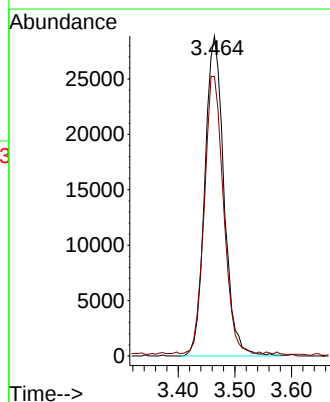
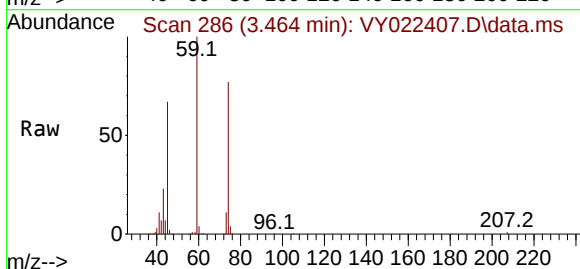
Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 319919
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 51.162 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

Tgt Ion: 74 Resp: 67445
 Ion Ratio Lower Upper
 74 100
 45 87.1 48.6 145.8

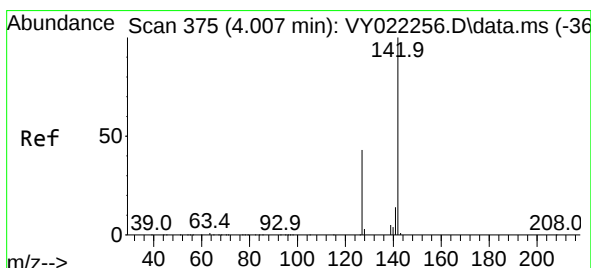
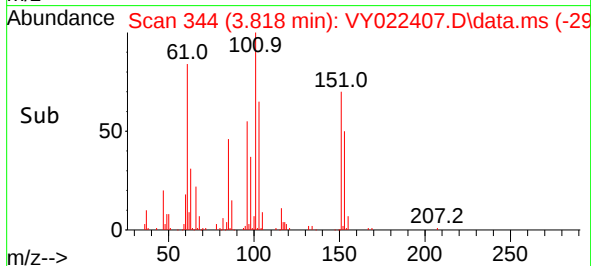
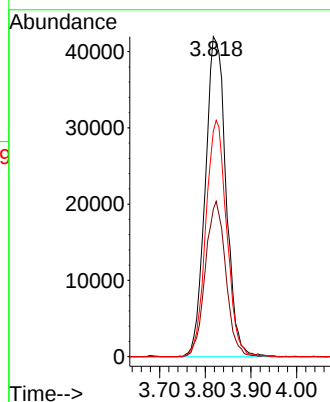
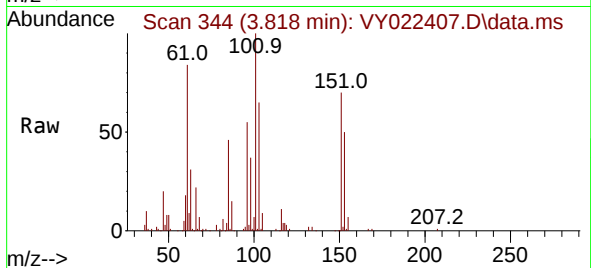




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.449 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

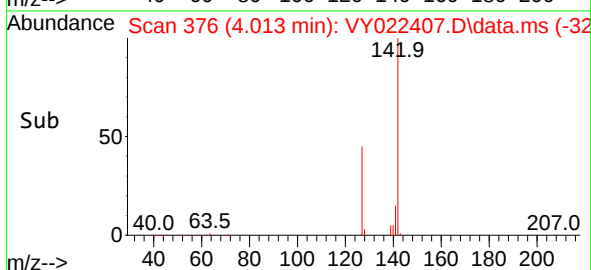
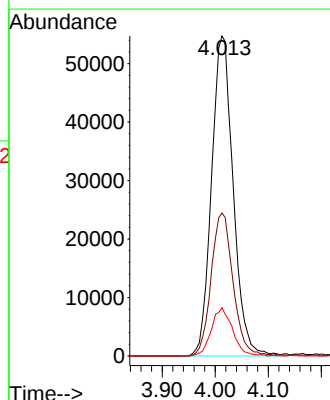
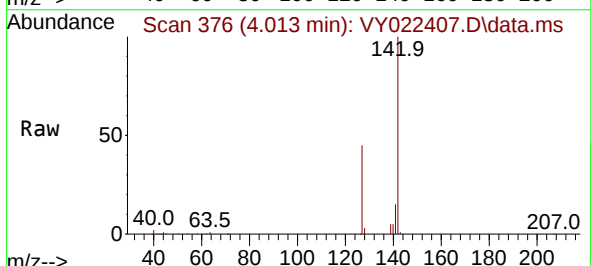
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

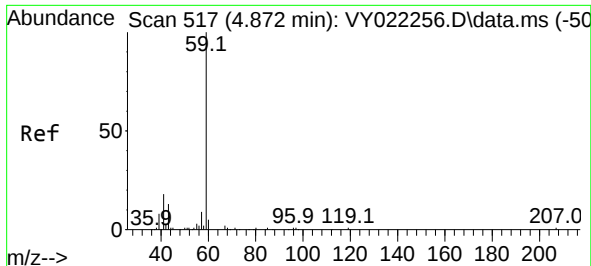
Tgt Ion:101 Resp: 132232
Ion Ratio Lower Upper
101 100
85 47.8 38.6 58.0
151 74.1 59.7 89.5



#10
Methyl Iodide
Concen: 56.212 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion:142 Resp: 155151
Ion Ratio Lower Upper
142 100
127 45.1 35.7 53.5
141 14.8 11.1 16.7

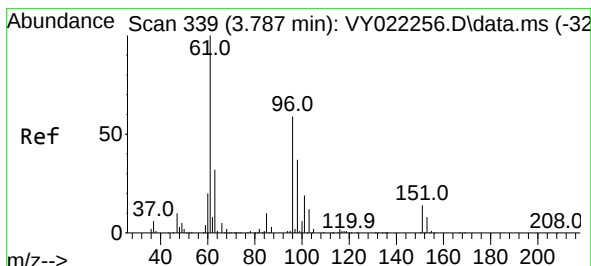
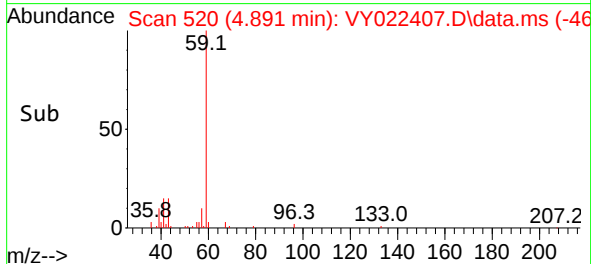
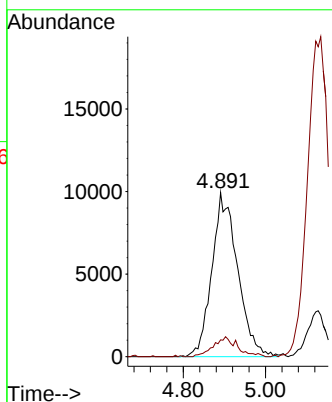
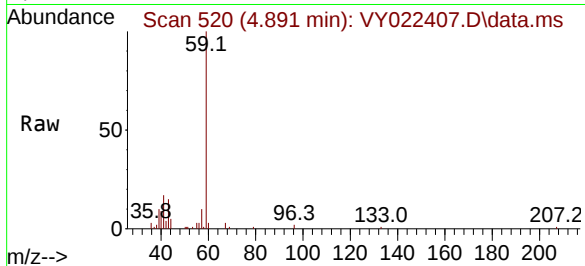




#11
Tert butyl alcohol
Concen: 233.304 ug/l
RT: 4.891 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

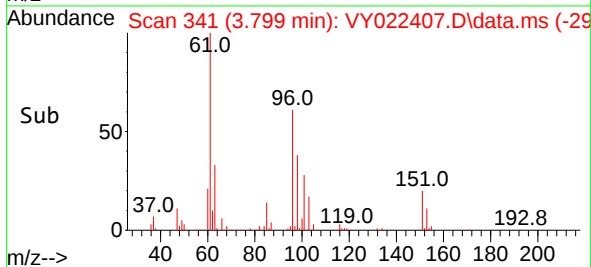
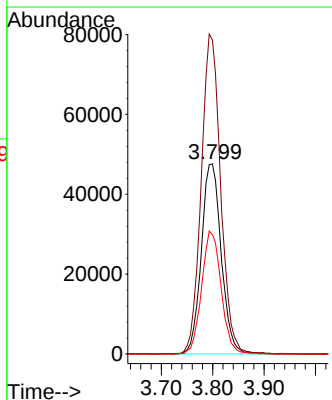
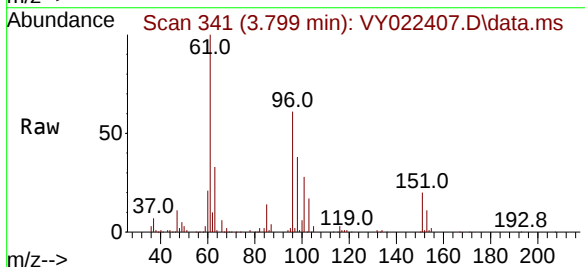
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

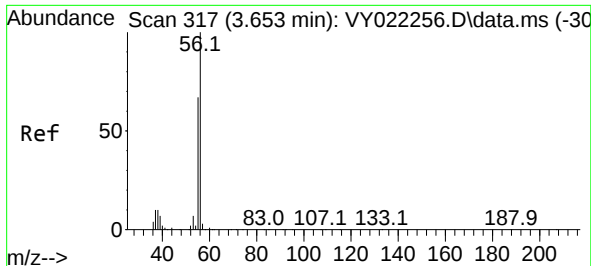
Tgt Ion: 59 Resp: 43078
Ion Ratio Lower Upper
59 100
57 11.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 54.199 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 96 Resp: 128262
Ion Ratio Lower Upper
96 100
61 165.1 134.9 202.3
98 62.9 49.9 74.9

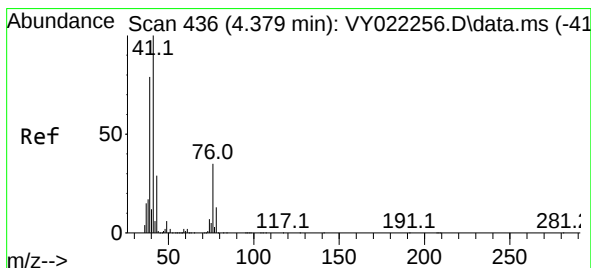
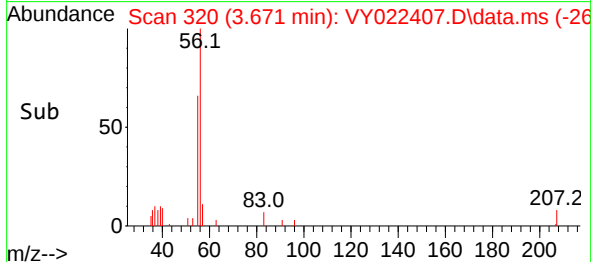
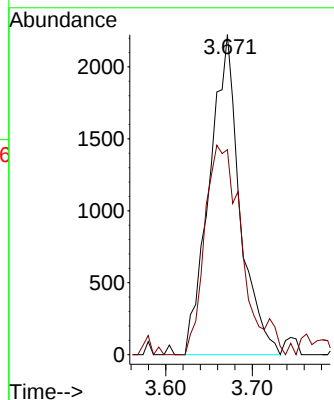
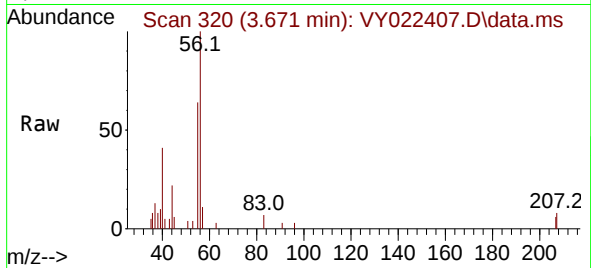




#13
Acrolein
Concen: 20.087 ug/l
RT: 3.671 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

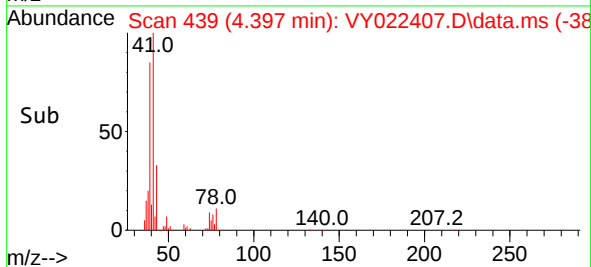
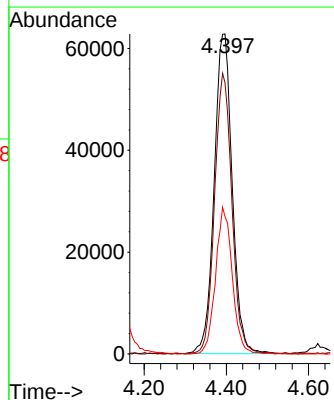
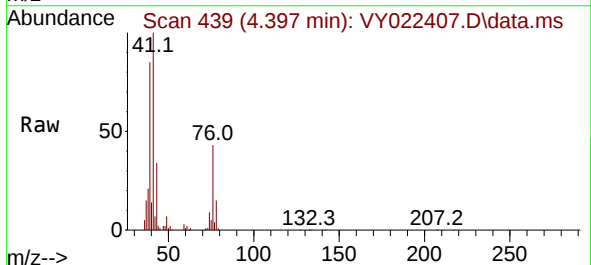
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 5422
Ion Ratio Lower Upper
56 100
55 80.3 55.6 83.4



#14
Allyl chloride
Concen: 46.134 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 41 Resp: 191433
Ion Ratio Lower Upper
41 100
39 84.6 63.4 95.0
76 42.4 29.5 44.3





#15

Acrylonitrile

Concen: 251.450 ug/l

RT: 5.073 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

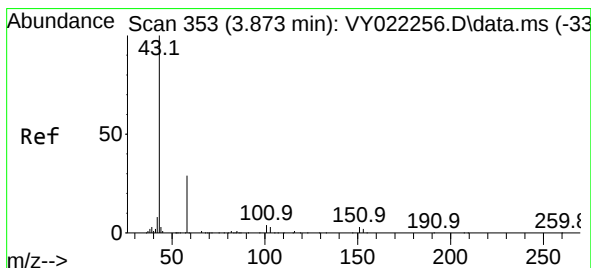
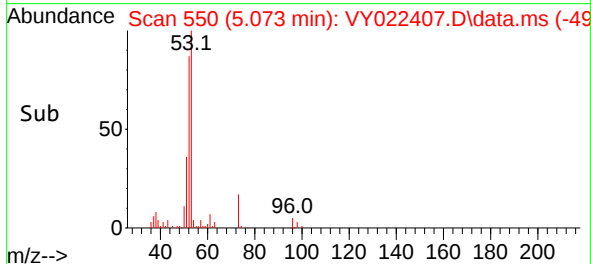
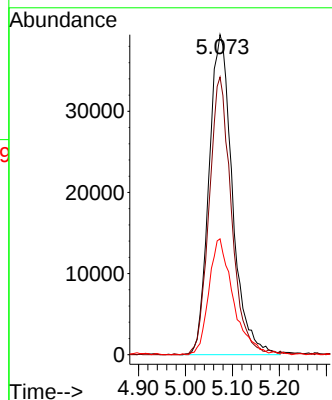
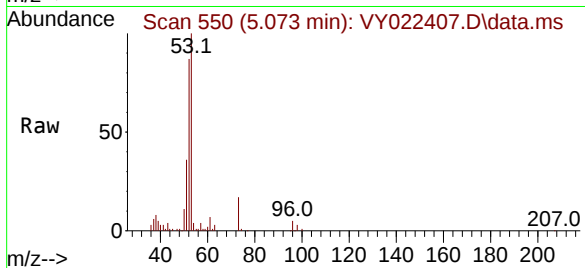
Tgt Ion: 53 Resp: 136585

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

51 37.5 30.0 45.0



#16

Acetone

Concen: 274.484 ug/l

RT: 3.891 min Scan# 356

Delta R.T. 0.018 min

Lab File: VY022407.D

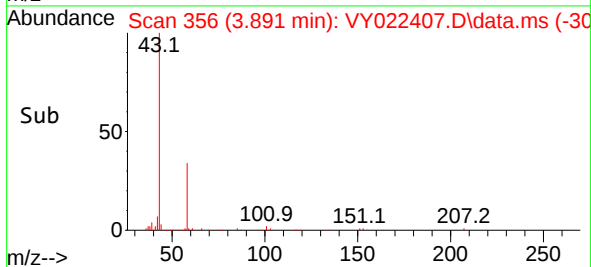
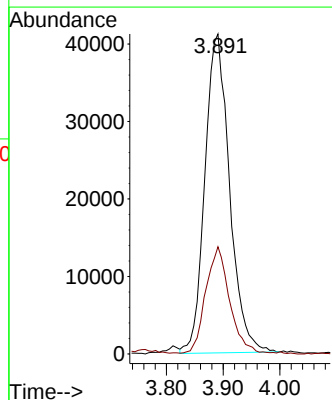
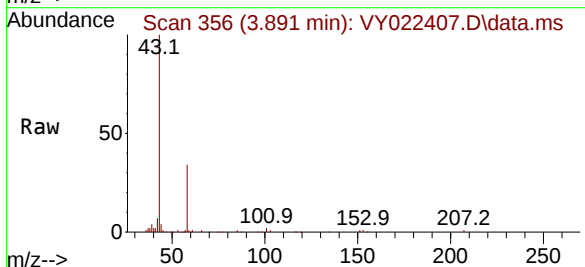
Acq: 23 May 2025 14:34

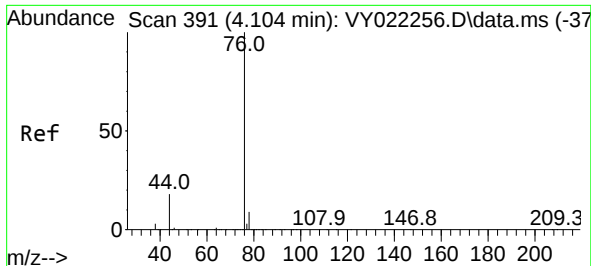
Tgt Ion: 43 Resp: 124446

Ion Ratio Lower Upper

43 100

58 33.5 23.6 35.4

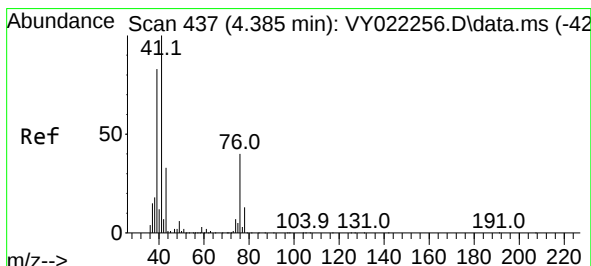
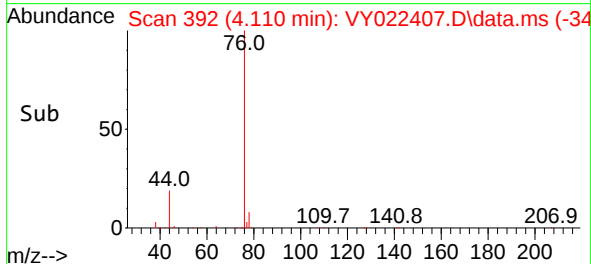
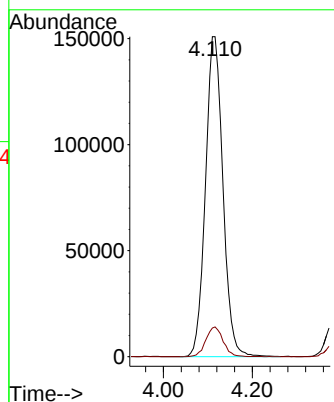
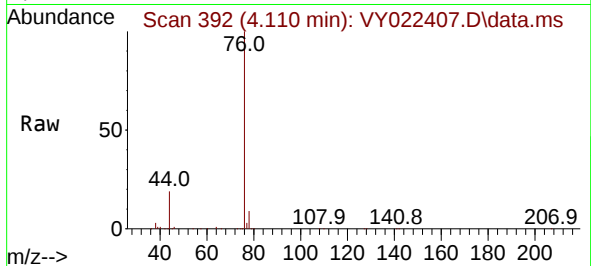




#17
Carbon Disulfide
Concen: 53.502 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

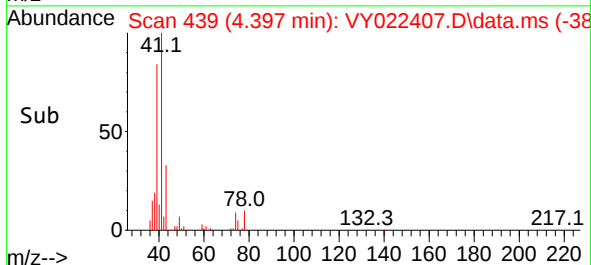
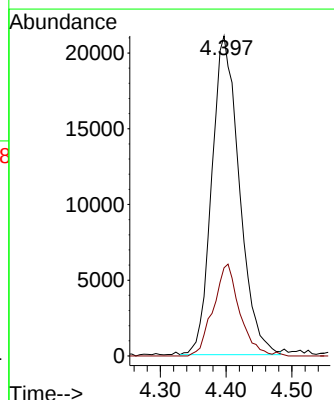
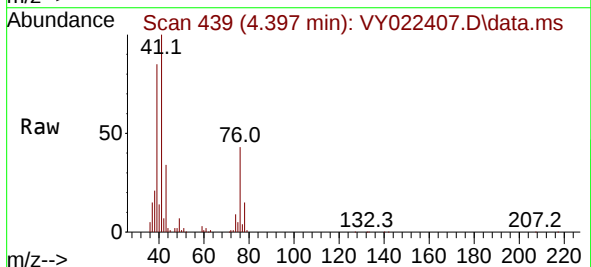
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

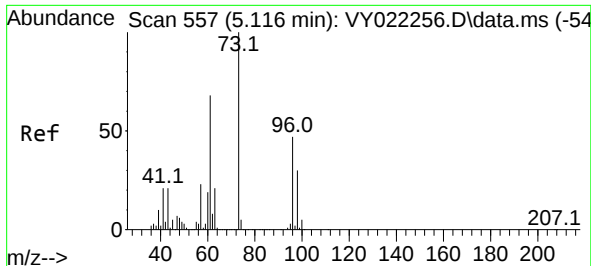
Tgt Ion: 76 Resp: 412873
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 42.944 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 43 Resp: 61387
Ion Ratio Lower Upper
43 100
74 27.4 18.2 27.4#

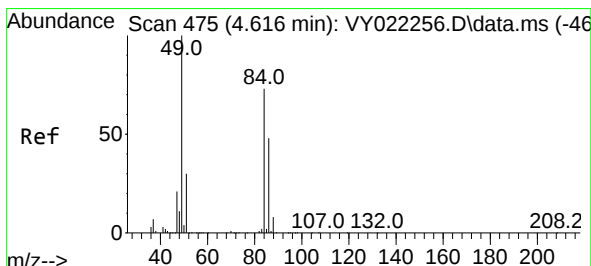
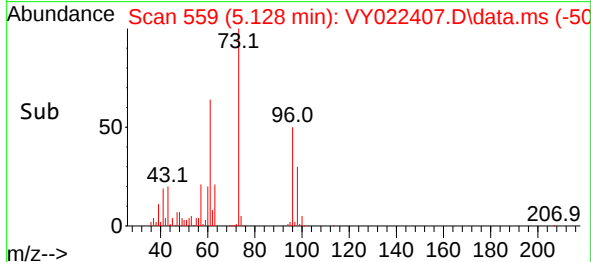
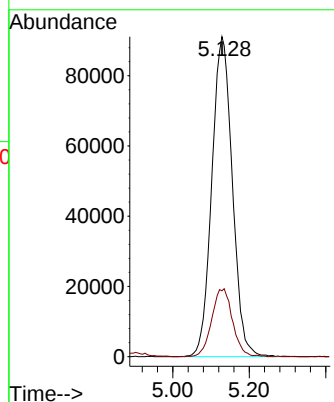
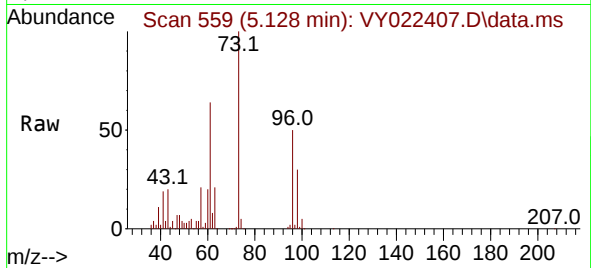




#19
Methyl tert-butyl Ether
Concen: 52.026 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

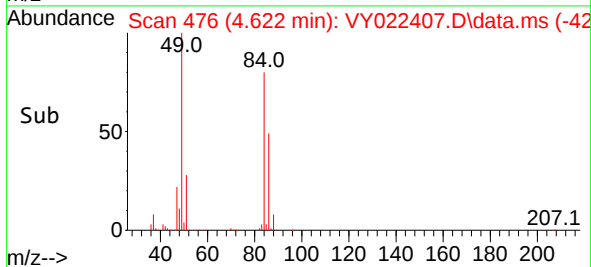
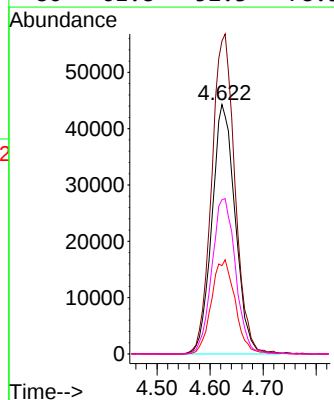
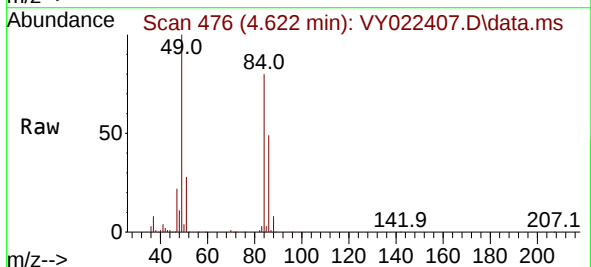
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 339482
Ion Ratio Lower Upper
73 100
57 20.5 18.6 28.0



#20
Methylene Chloride
Concen: 46.098 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 84 Resp: 135048
Ion Ratio Lower Upper
84 100
49 125.4 109.6 164.4
51 35.4 32.4 48.6
86 61.8 52.3 78.5

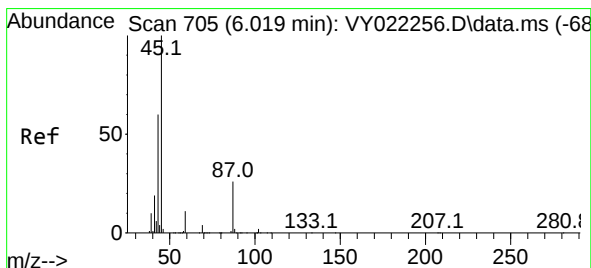
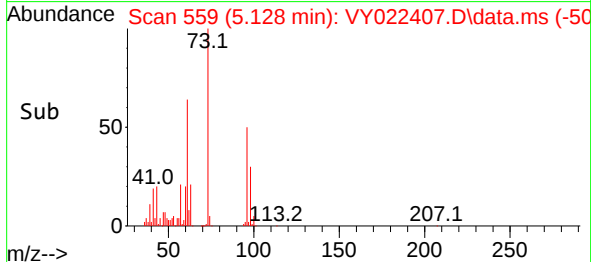
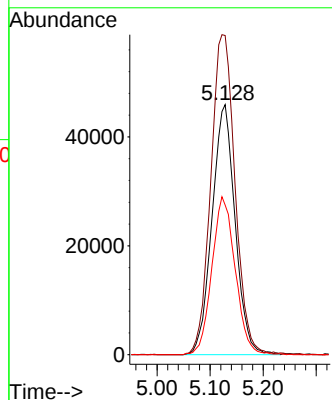
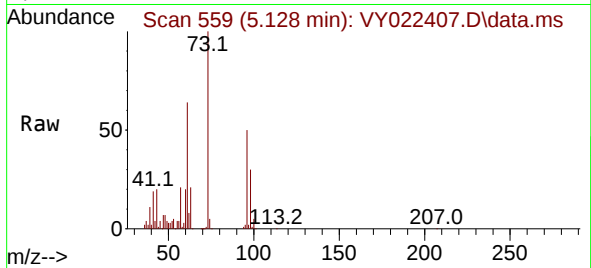




#21
trans-1,2-Dichloroethene
Concen: 53.266 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.018 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

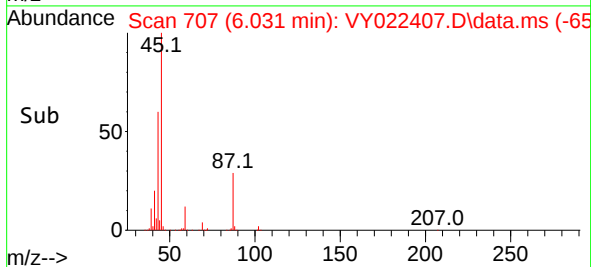
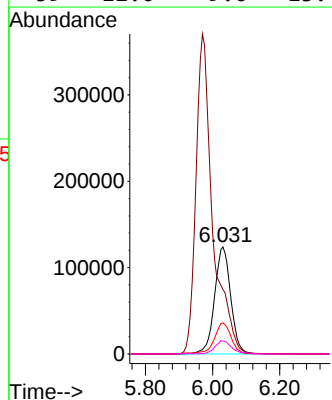
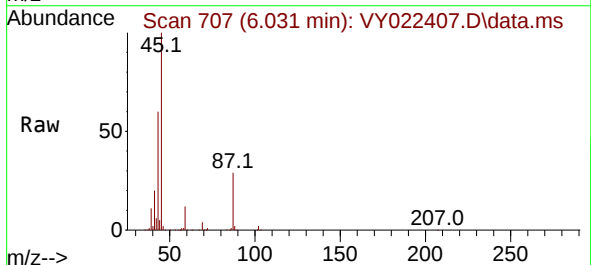
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 139138
Ion Ratio Lower Upper
96 100
61 127.7 113.4 170.0
98 59.9 50.9 76.3



#22
Diisopropyl ether
Concen: 47.129 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 45 Resp: 412983
Ion Ratio Lower Upper
45 100
43 60.0 48.2 72.2
87 29.0 21.4 32.0
59 12.0 9.0 13.4

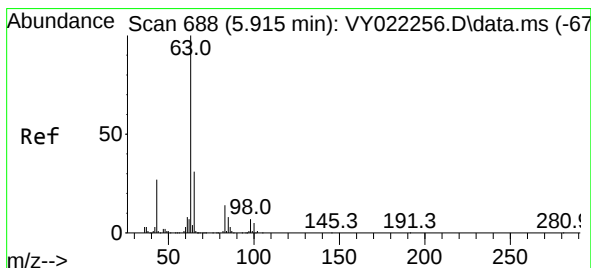
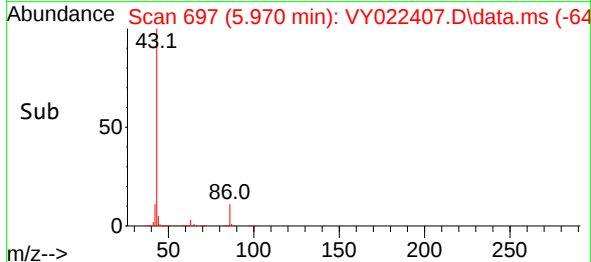
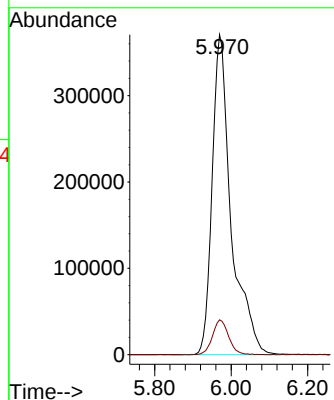
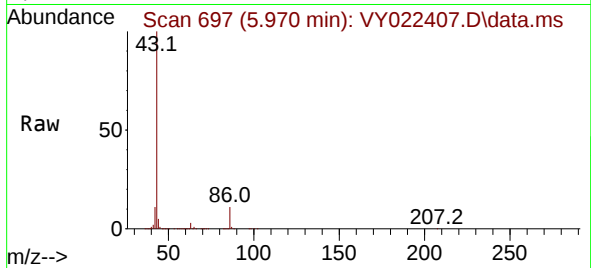




#23
 Vinyl Acetate
 Concen: 241.628 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

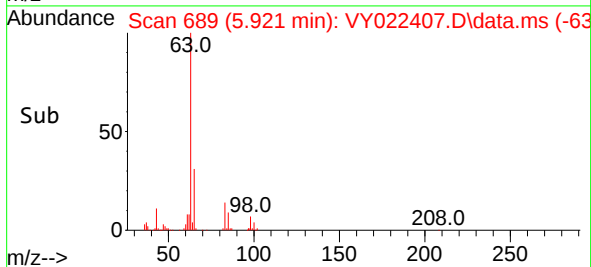
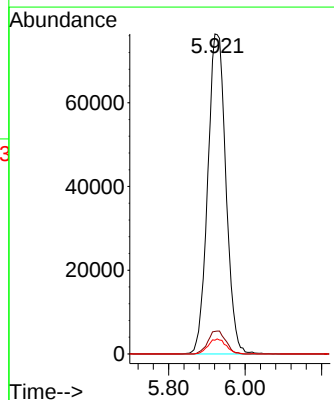
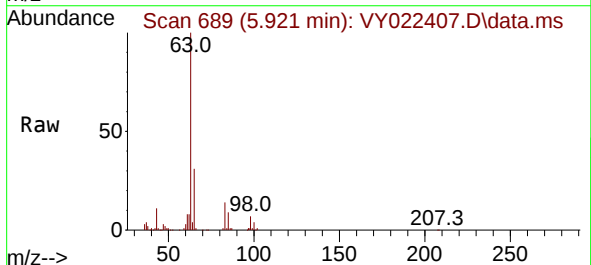
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

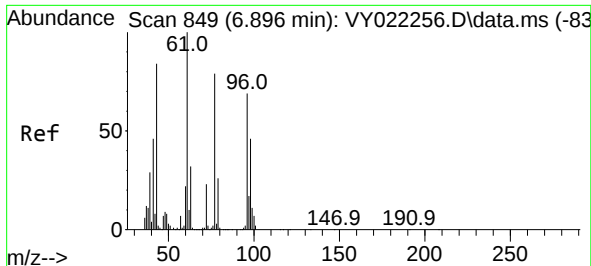
Tgt Ion: 43 Resp: 1279163
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.413 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

Tgt Ion: 63 Resp: 251699
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.3 2.4 7.2

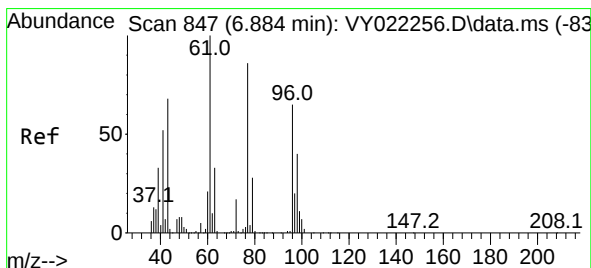
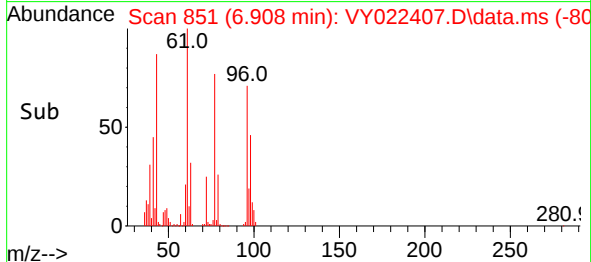
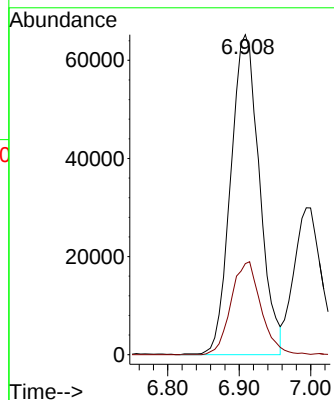
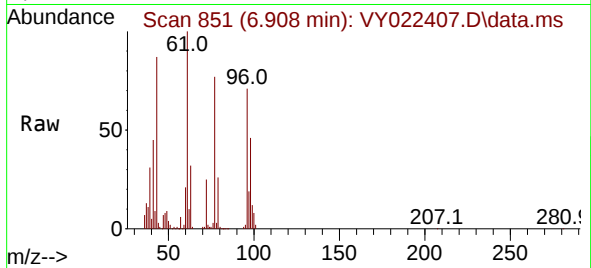




#25
2-Butanone
Concen: 240.768 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

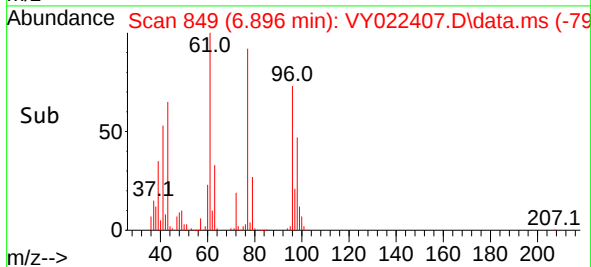
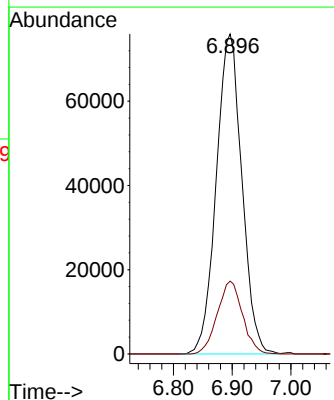
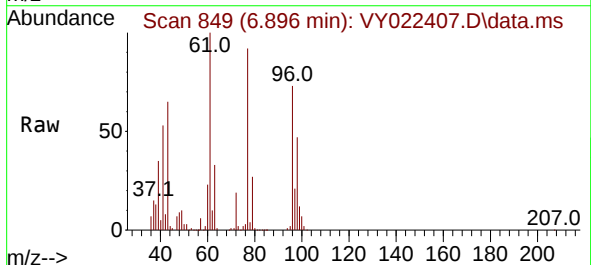
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

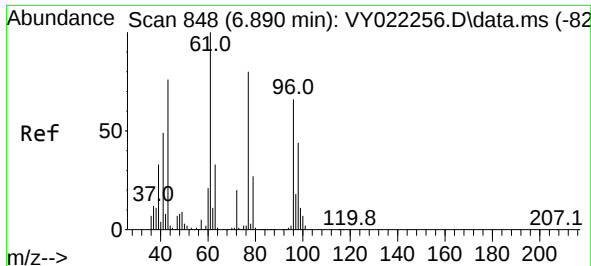
Tgt Ion: 43 Resp: 182592
Ion Ratio Lower Upper
43 100
72 28.5 22.1 33.1



#26
2,2-Dichloropropane
Concen: 52.796 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 77 Resp: 229889
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5



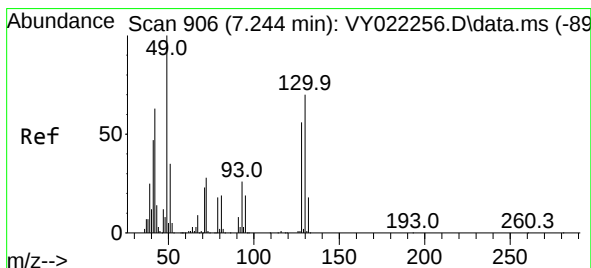
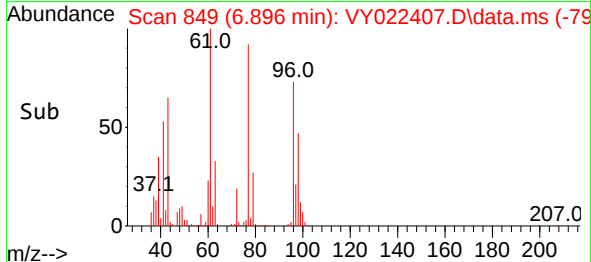
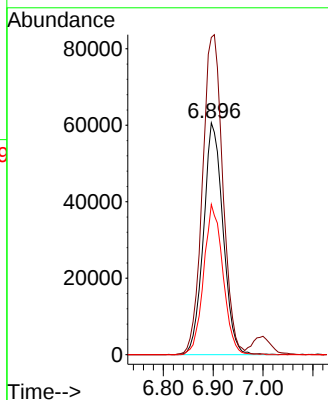
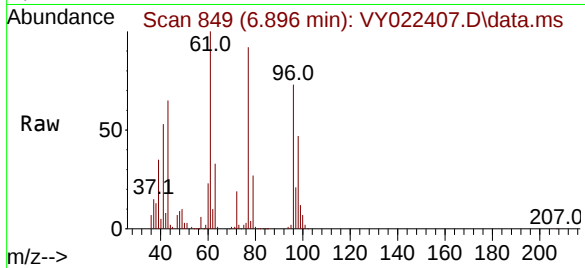


#27
 cis-1,2-Dichloroethene
 Concen: 54.670 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 164793

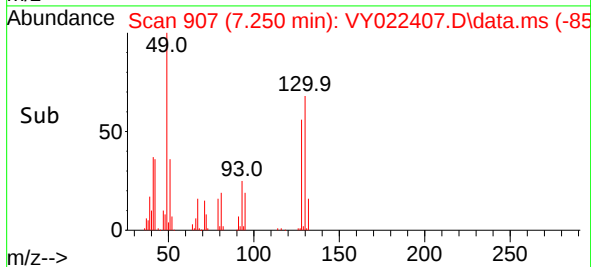
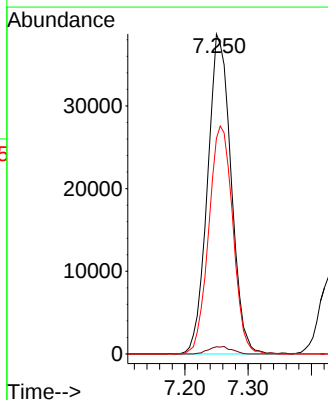
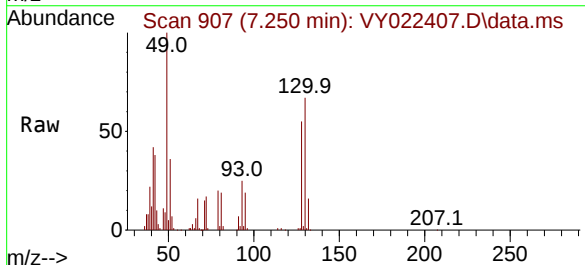
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	302.6
98	63.9	0.0	128.8

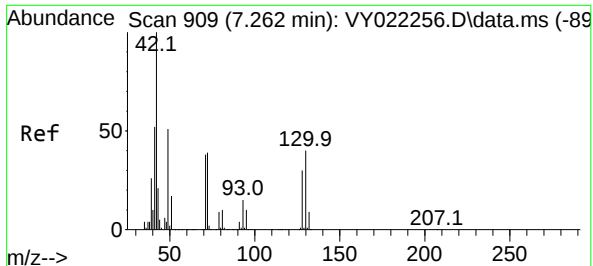


#28
 Bromochloromethane
 Concen: 47.928 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY022407.D
 Acq: 23 May 2025 14:34

Tgt Ion: 49 Resp: 100083

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.6
130	72.7	54.7	82.1





#29

Tetrahydrofuran

Concen: 235.730 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

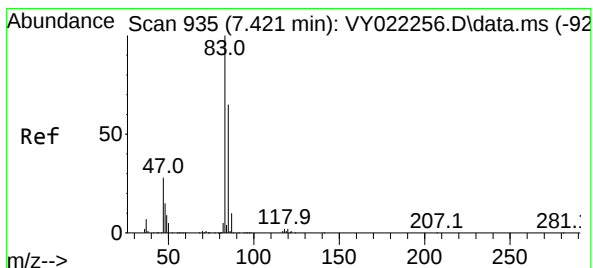
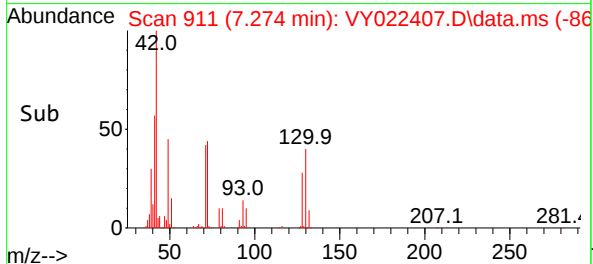
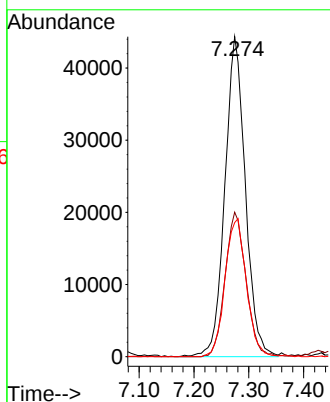
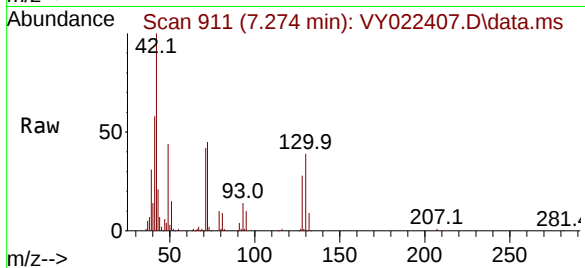
Tgt Ion: 42 Resp: 115013

Ion Ratio Lower Upper

42 100

72 46.1 33.8 50.6

71 44.9 31.5 47.3



#30

Chloroform

Concen: 53.578 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY022407.D

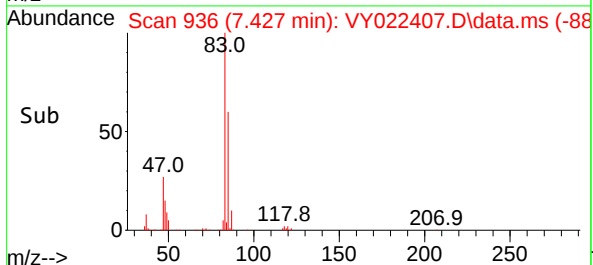
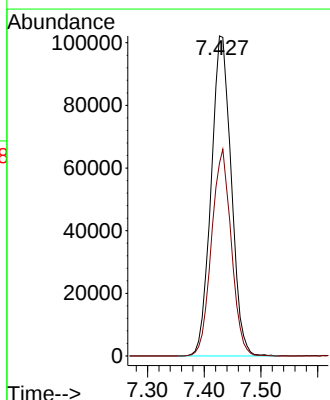
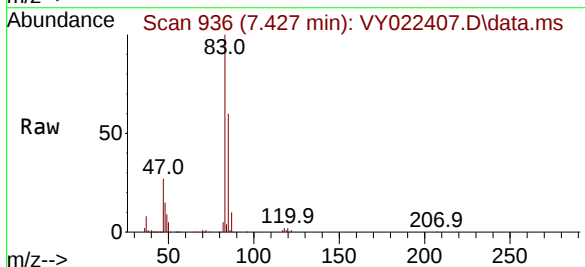
Acq: 23 May 2025 14:34

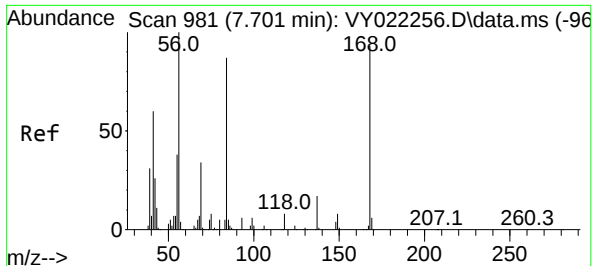
Tgt Ion: 83 Resp: 251591

Ion Ratio Lower Upper

83 100

85 60.2 51.8 77.8





#31

Cyclohexane

Concen: 48.361 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

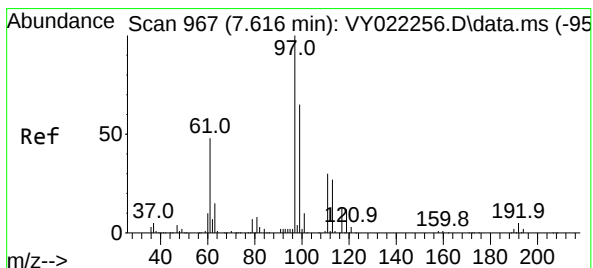
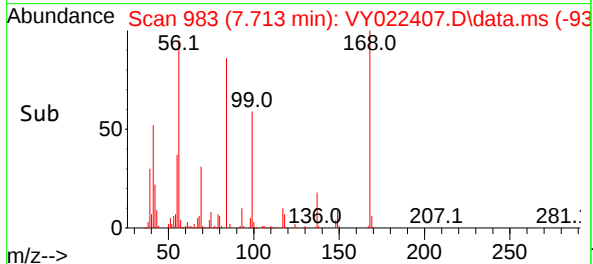
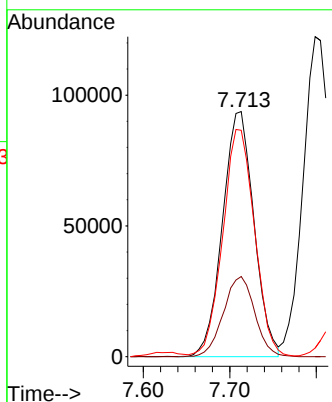
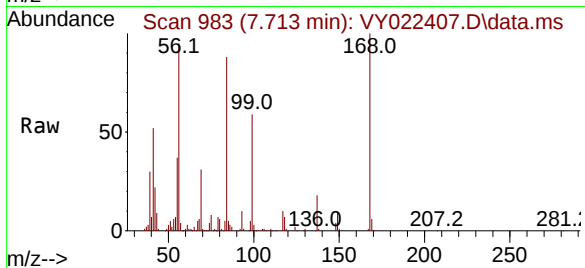
Tgt Ion: 56 Resp: 236552

Ion Ratio Lower Upper

56 100

69 32.7 27.4 41.2

84 91.2 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 52.075 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

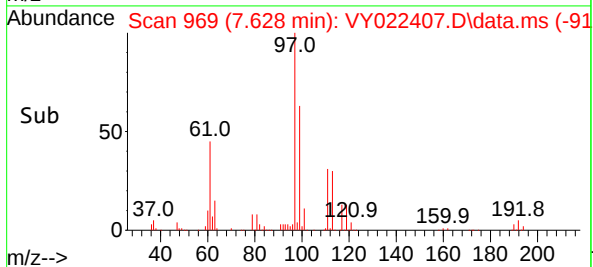
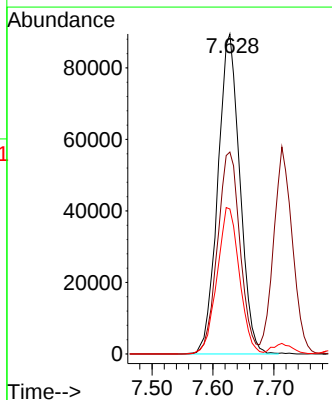
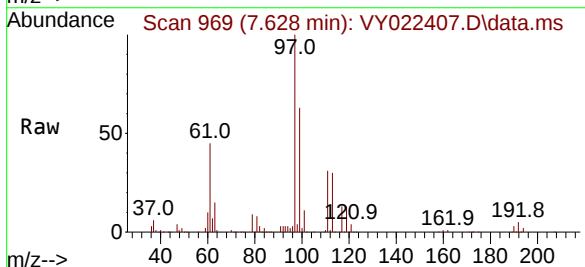
Tgt Ion: 97 Resp: 224345

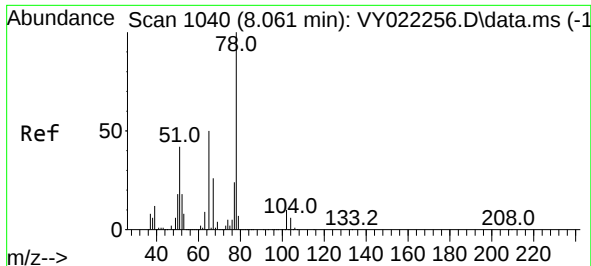
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 46.5 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 43.448 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

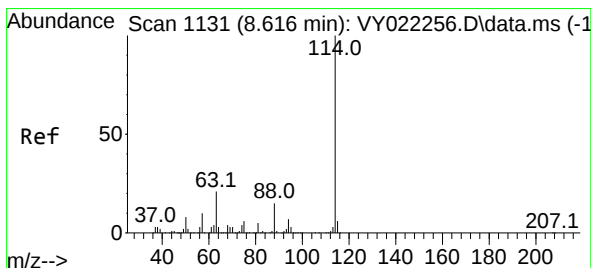
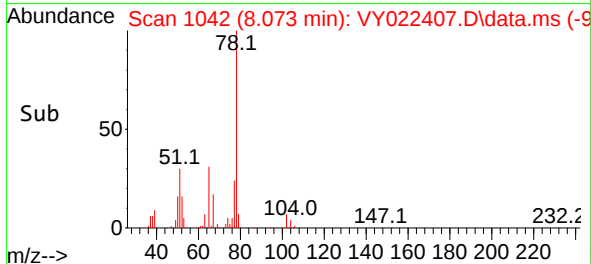
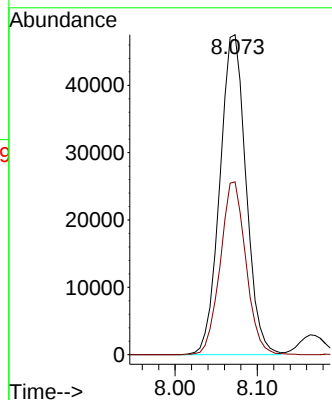
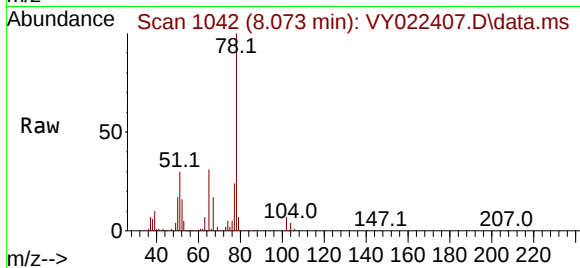
VSTDCCC050

Tgt Ion: 65 Resp: 105056

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

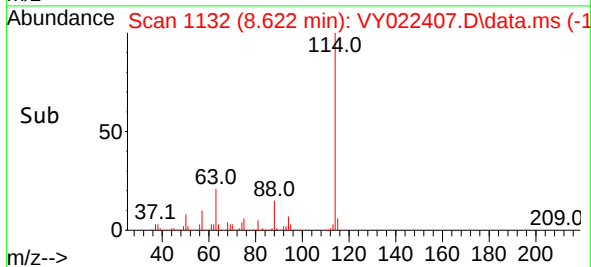
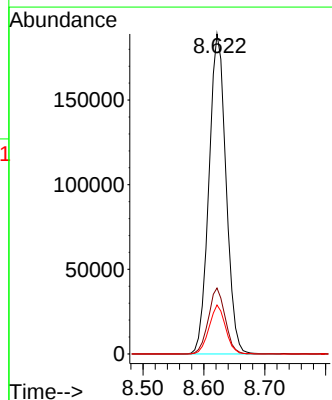
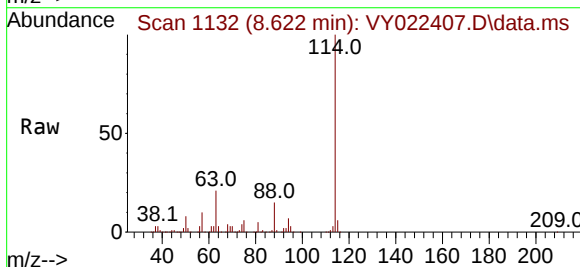
Tgt Ion: 114 Resp: 368290

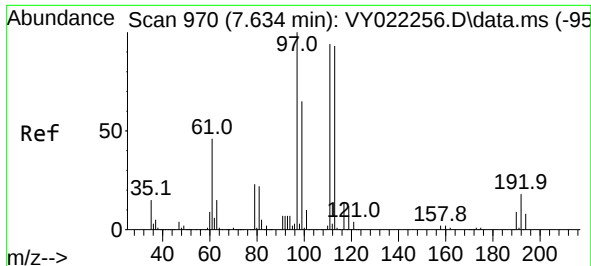
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.3 0.0 29.4

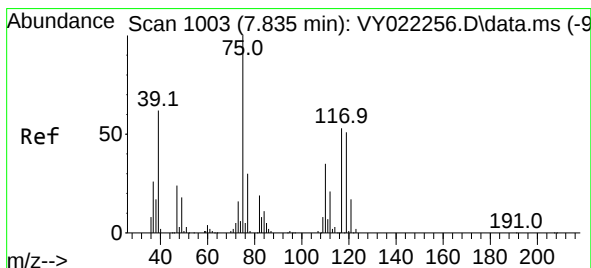
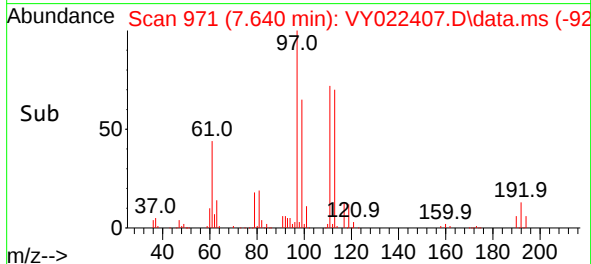
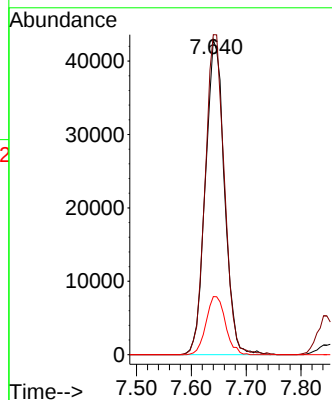
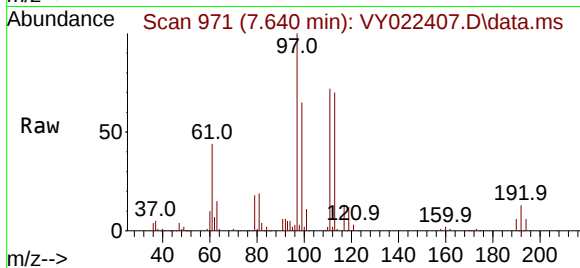




#35
Dibromofluoromethane
Concen: 46.982 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

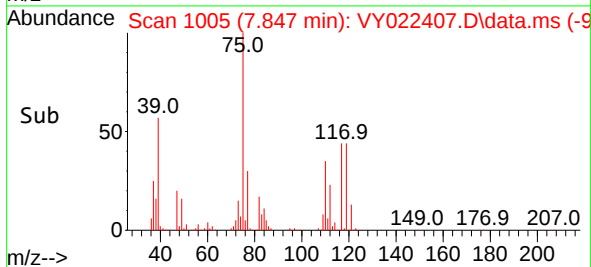
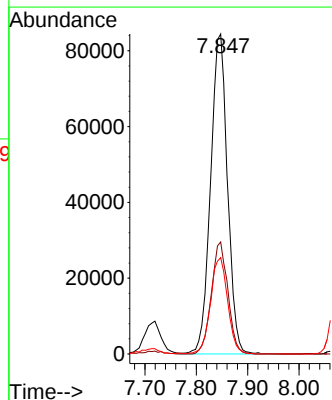
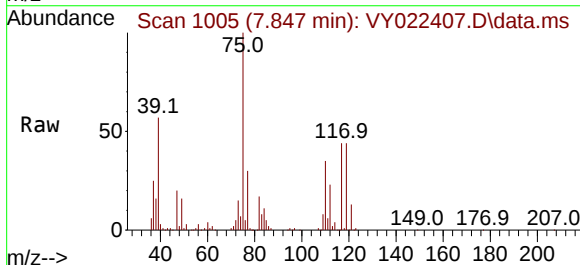
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

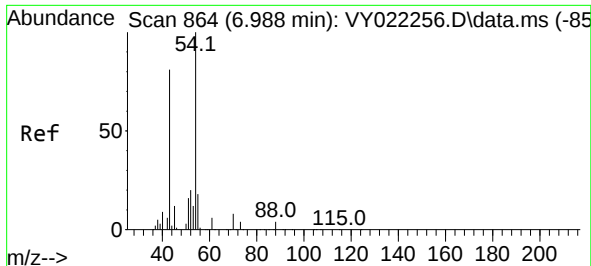
Tgt Ion:113 Resp: 103275
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 18.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 53.349 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 75 Resp: 193158
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.8
77 30.6 24.6 37.0

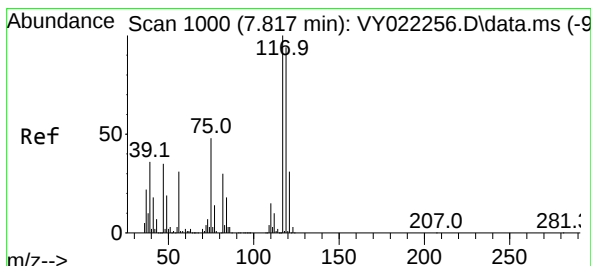
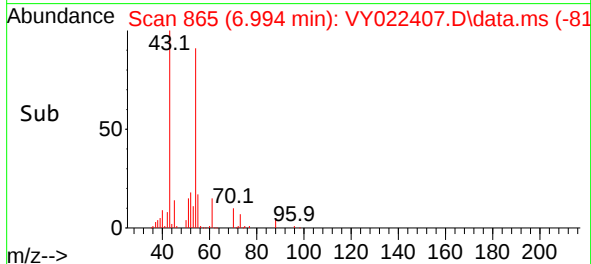
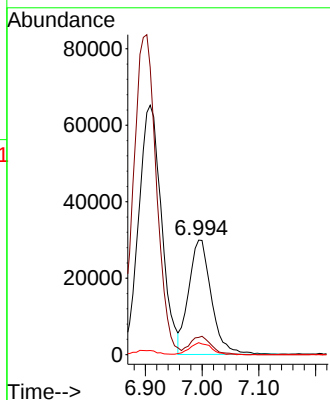
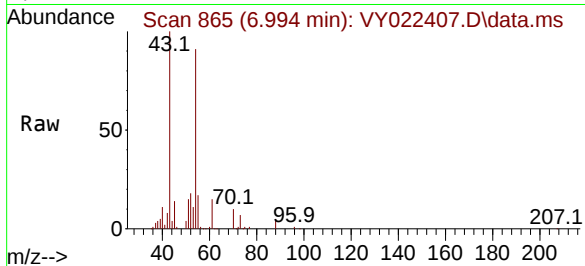




#37
Ethyl Acetate
Concen: 47.744 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

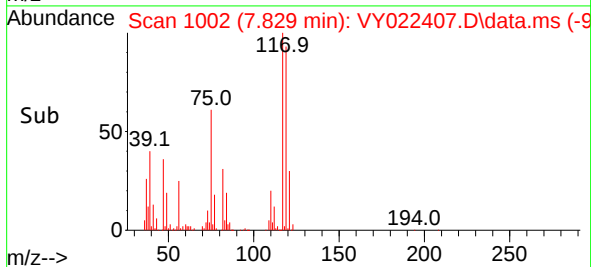
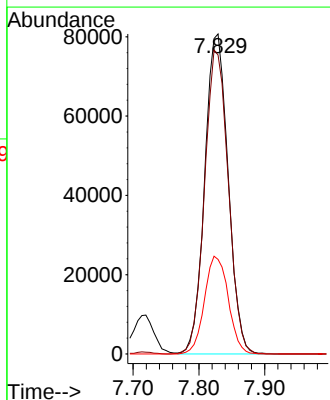
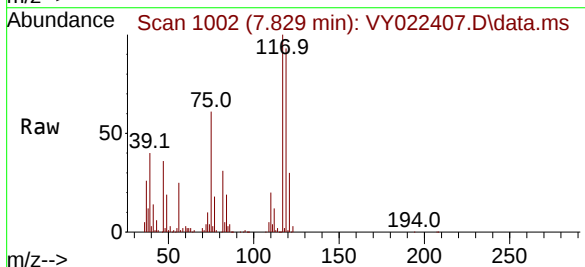
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

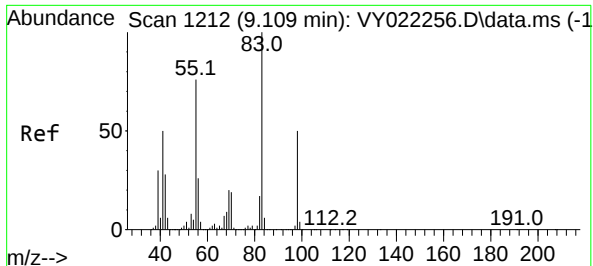
Tgt Ion: 43 Resp: 83173
Ion Ratio Lower Upper
43 100
61 15.3 10.2 15.2#
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.361 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 117 Resp: 199987
Ion Ratio Lower Upper
117 100
119 93.4 75.3 112.9
121 29.6 24.7 37.1





#39

Methylcyclohexane

Concen: 54.032 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

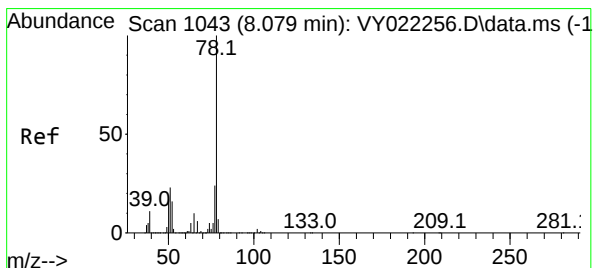
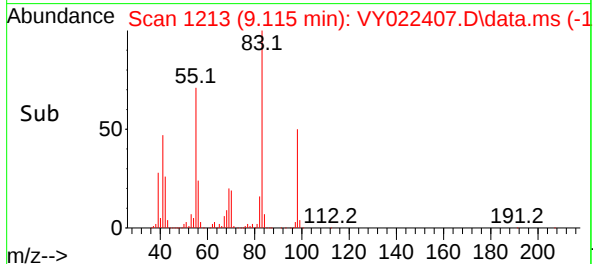
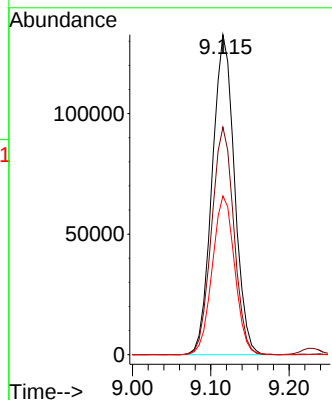
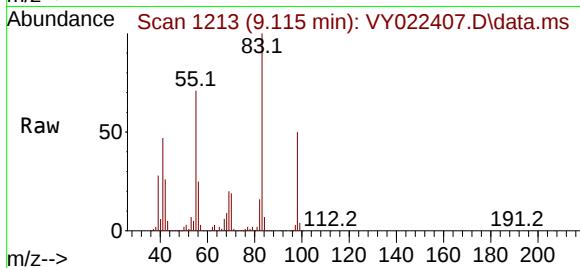
Tgt Ion: 83 Resp: 262827

Ion Ratio Lower Upper

83 100

55 71.1 60.6 90.8

98 49.6 40.0 60.0



#40

Benzene

Concen: 53.342 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022407.D

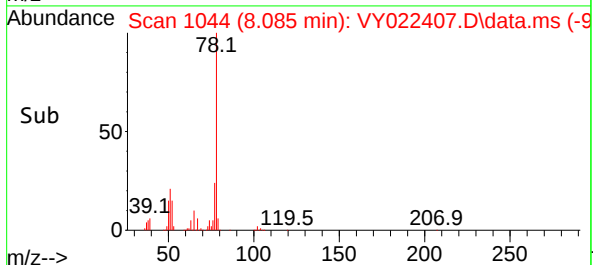
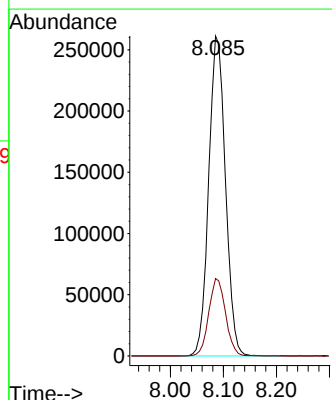
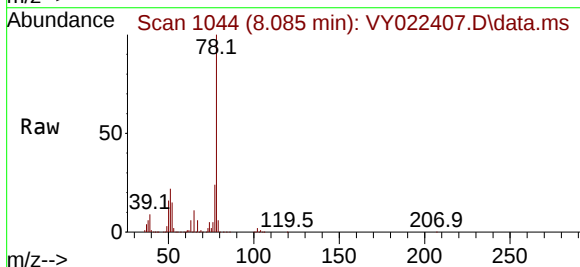
Acq: 23 May 2025 14:34

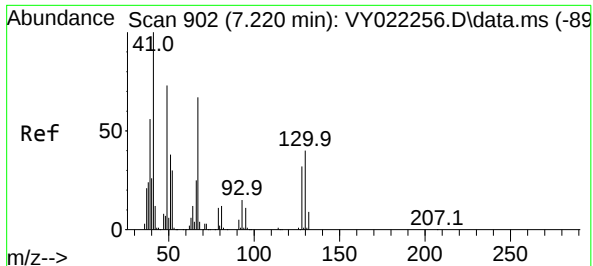
Tgt Ion: 78 Resp: 572541

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3

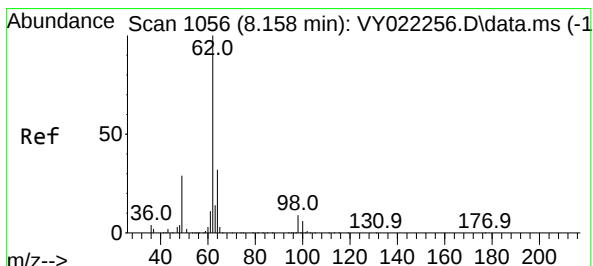
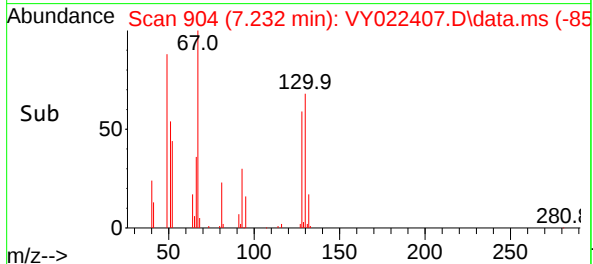
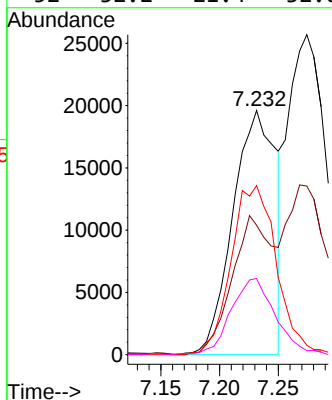
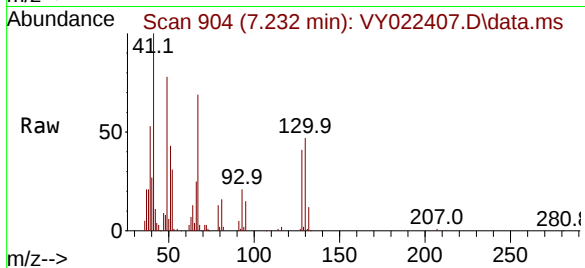




#41
Methacrylonitrile
Concen: 43.021 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

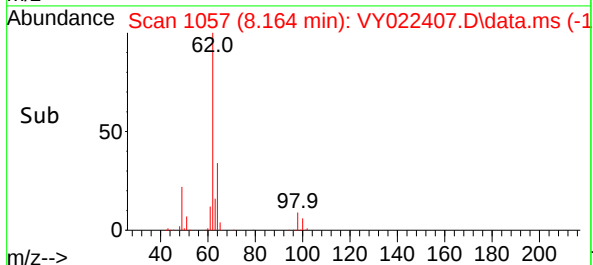
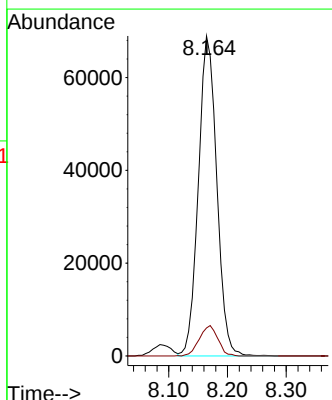
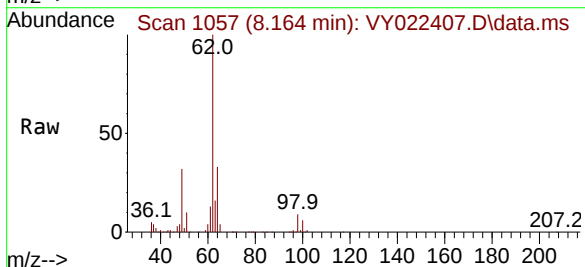
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

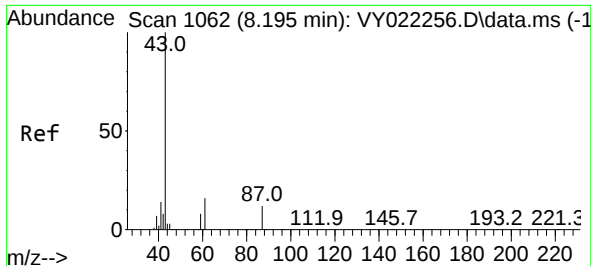
Tgt Ion: 41 Resp: 49714
Ion Ratio Lower Upper
41 100
39 55.3 39.1 58.7
67 73.5 47.1 70.7#
52 32.2 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 51.680 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 62 Resp: 150005
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

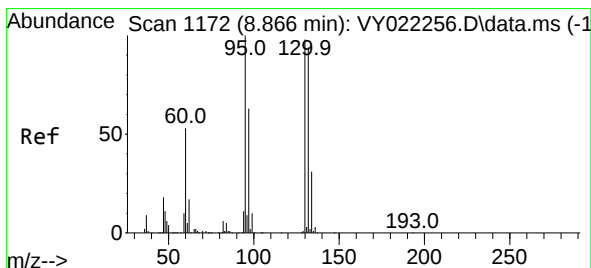
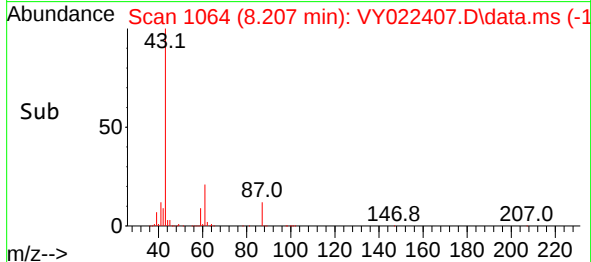
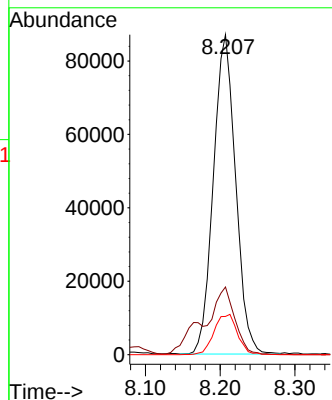
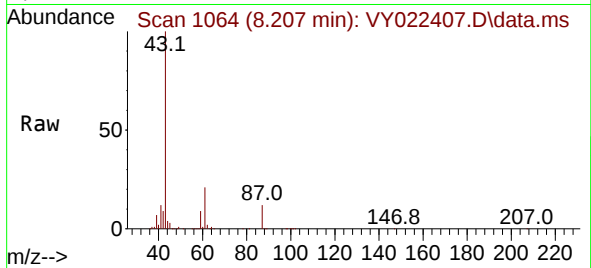




#43
Isopropyl Acetate
Concen: 47.424 ug/l
RT: 8.207 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

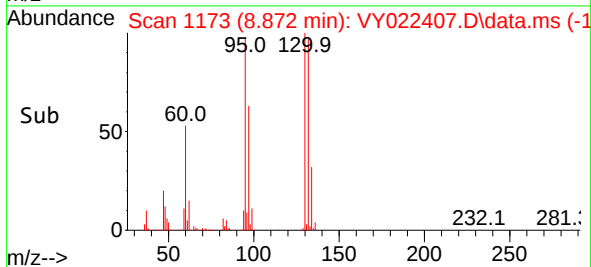
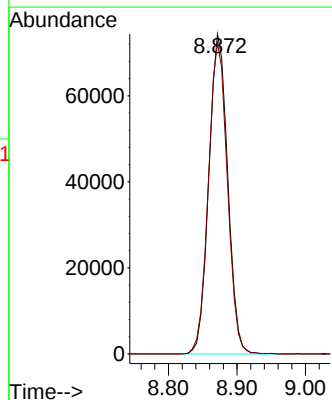
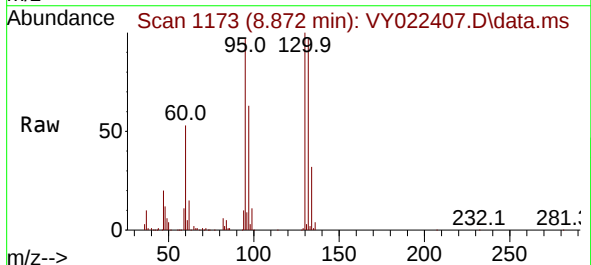
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 180176
Ion Ratio Lower Upper
43 100
61 21.2 15.1 22.7
87 13.3 9.7 14.5



#44
Trichloroethene
Concen: 53.270 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion:130 Resp: 142169
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.695 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

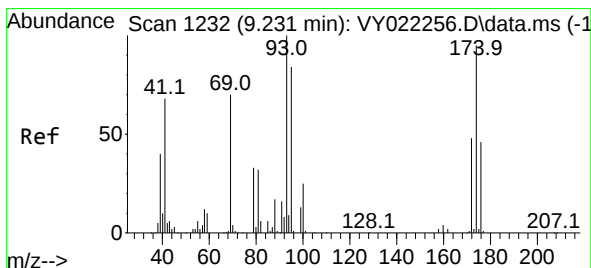
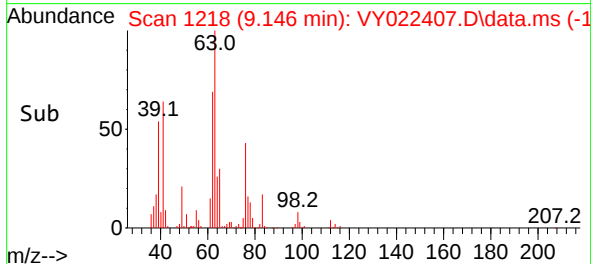
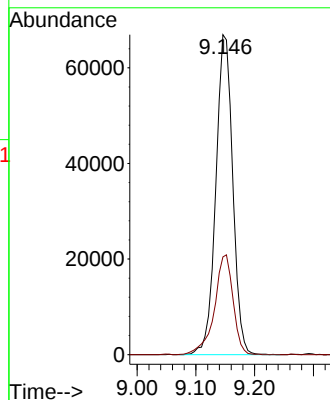
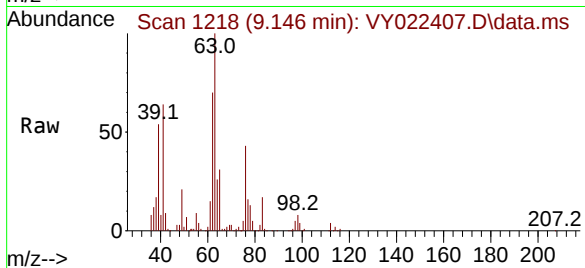
VSTDCCC050

Tgt Ion: 63 Resp: 133774

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 53.582 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

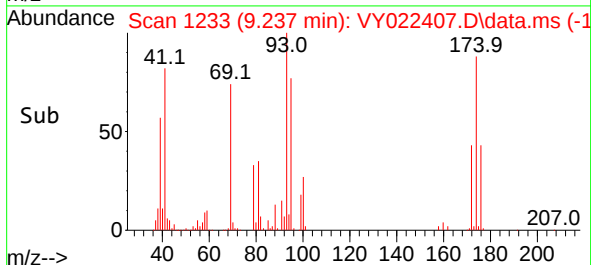
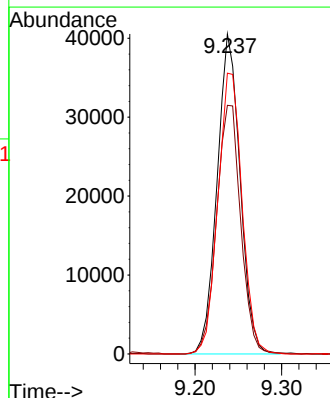
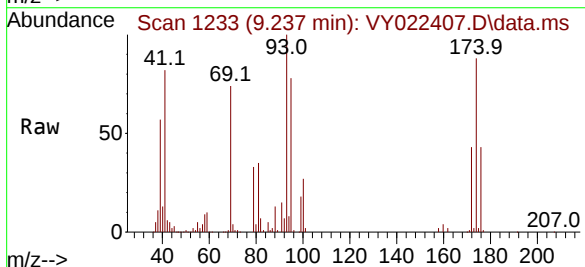
Tgt Ion: 93 Resp: 74785

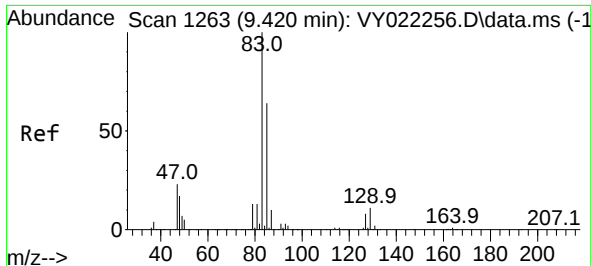
Ion Ratio Lower Upper

93 100

95 81.4 65.2 97.8

174 92.1 74.3 111.5

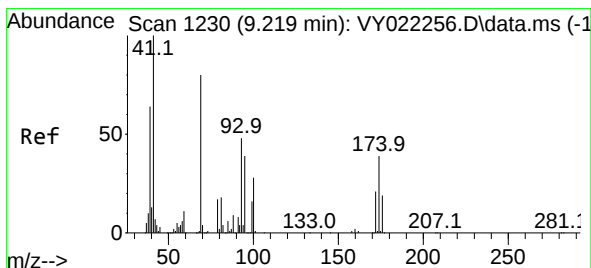
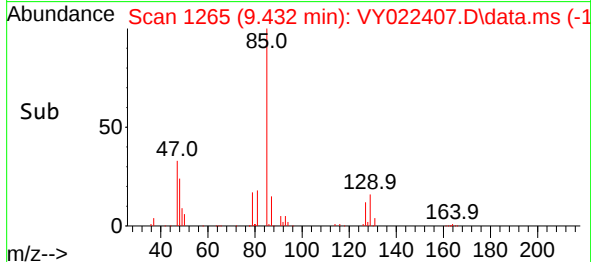
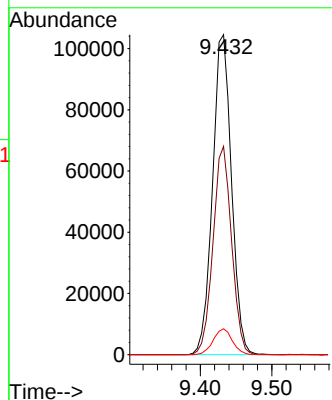
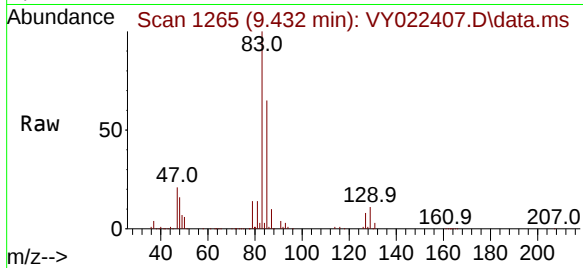




#47
Bromodichloromethane
Concen: 53.066 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

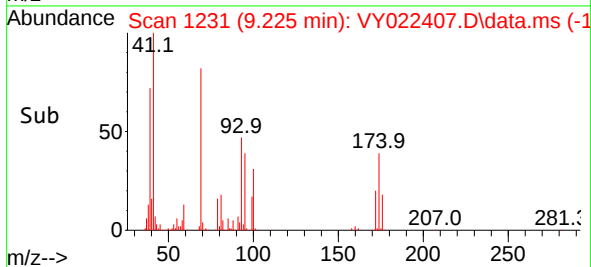
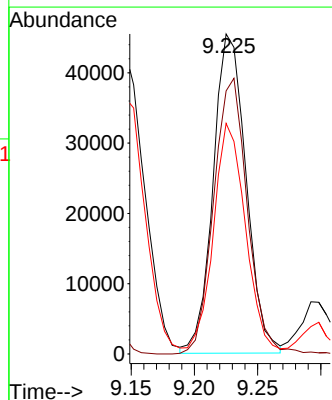
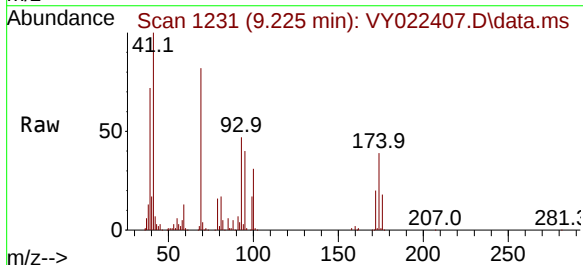
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

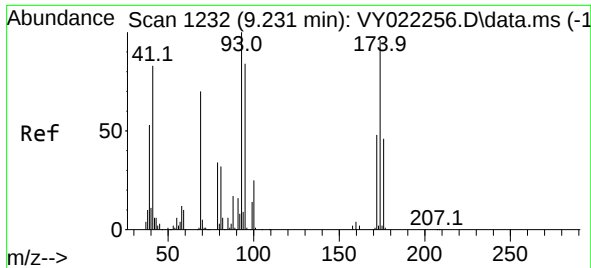
Tgt Ion: 83 Resp: 192142
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 46.300 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 41 Resp: 82263
Ion Ratio Lower Upper
41 100
69 88.5 63.5 95.3
39 67.5 50.8 76.2

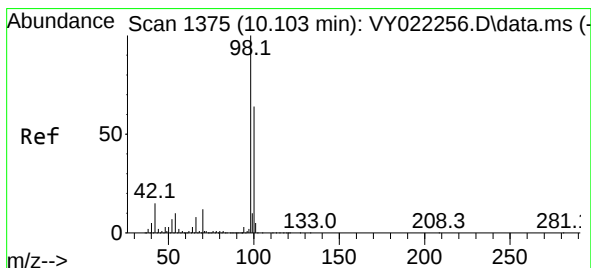
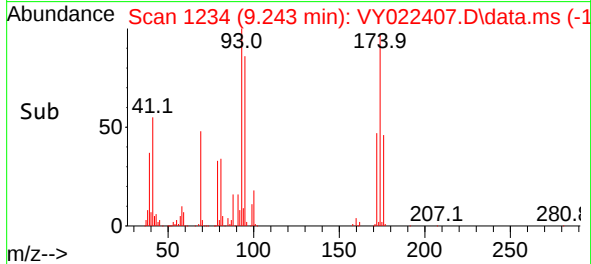
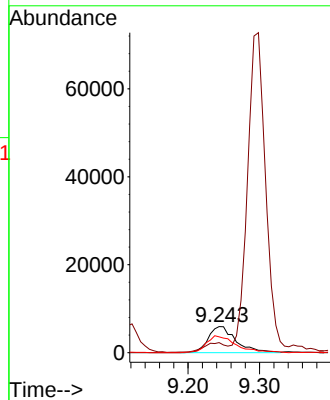
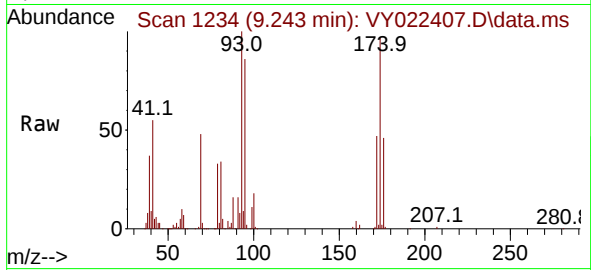




#49
1,4-Dioxane
Concen: 1012.465 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

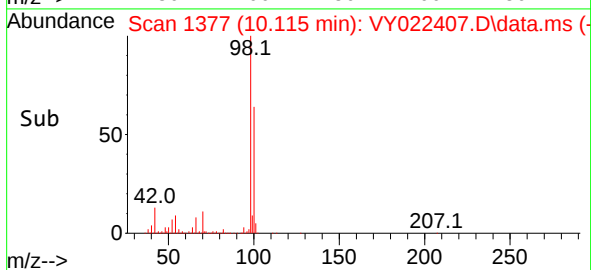
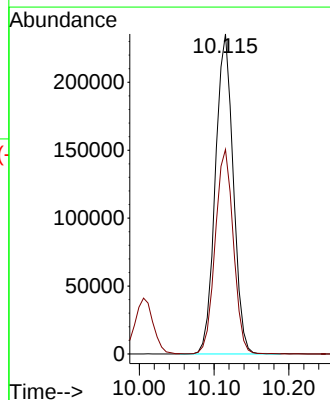
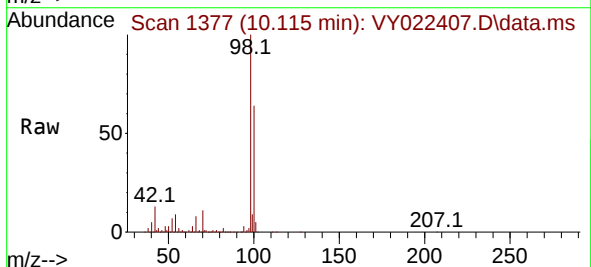
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

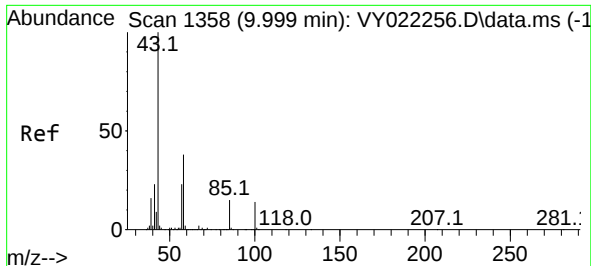
Tgt Ion: 88 Resp: 15964
Ion Ratio Lower Upper
88 100
43 28.9 28.5 42.7
58 69.4 61.4 92.2



#50
Toluene-d8
Concen: 43.369 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 98 Resp: 390436
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 238.329 ug/l

RT: 10.005 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

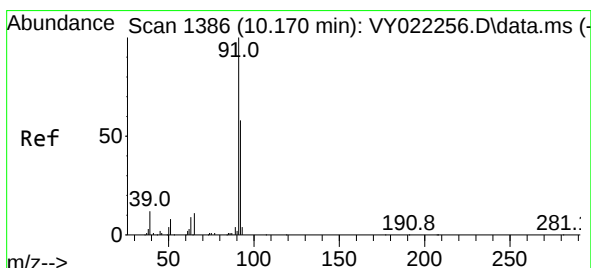
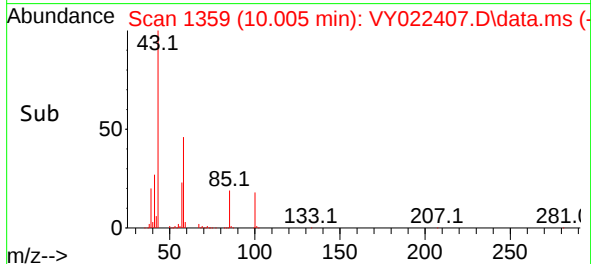
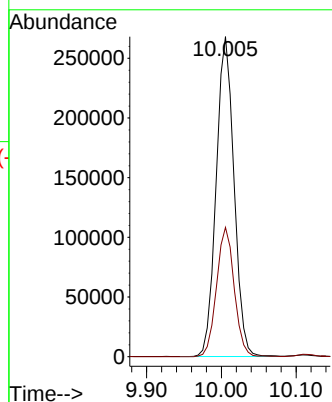
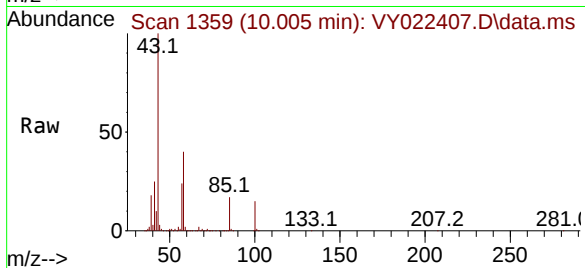
VSTDCCC050

Tgt Ion: 43 Resp: 444290

Ion Ratio Lower Upper

43 100

58 40.1 29.4 44.2



#52

Toluene

Concen: 53.527 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY022407.D

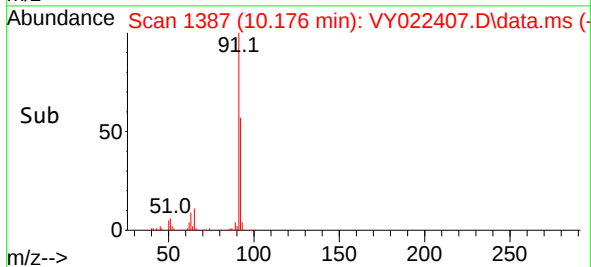
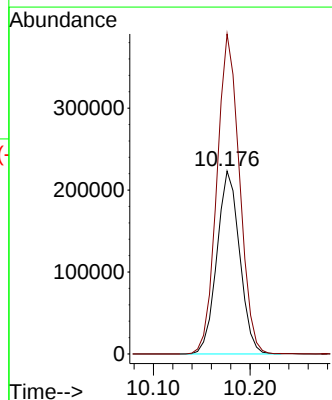
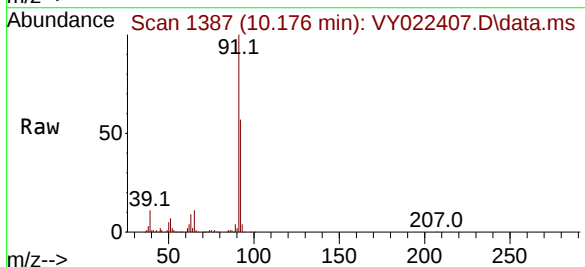
Acq: 23 May 2025 14:34

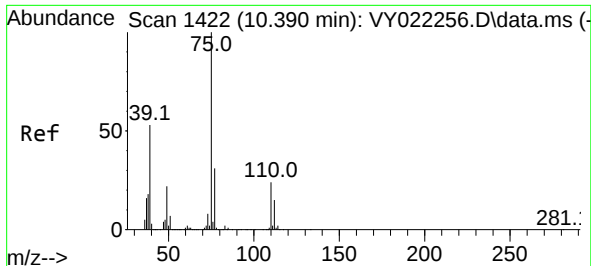
Tgt Ion: 92 Resp: 363814

Ion Ratio Lower Upper

92 100

91 174.4 139.1 208.7

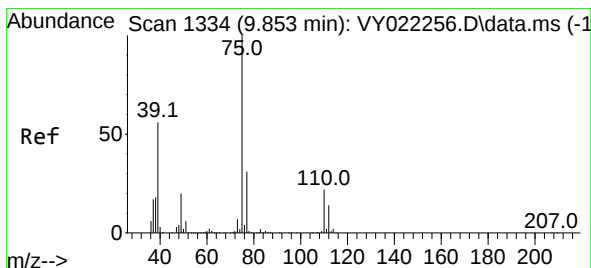
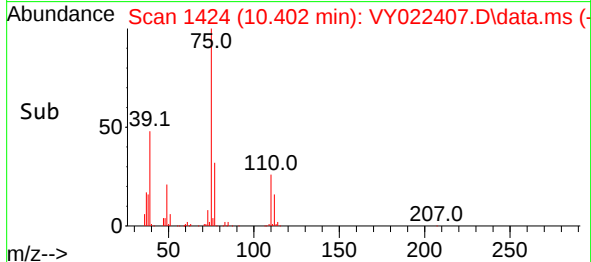
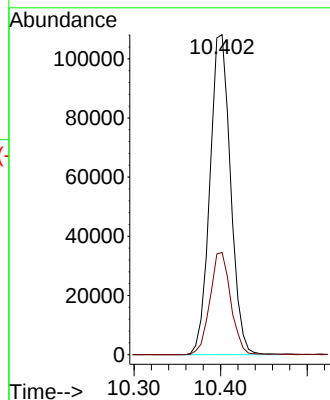
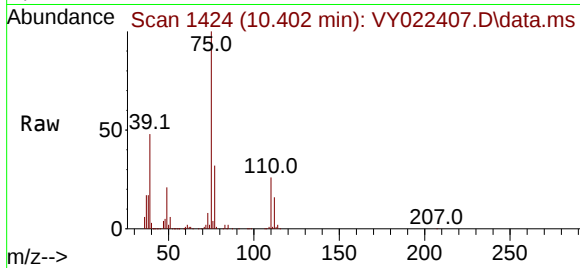




#53
t-1,3-Dichloropropene
Concen: 50.715 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

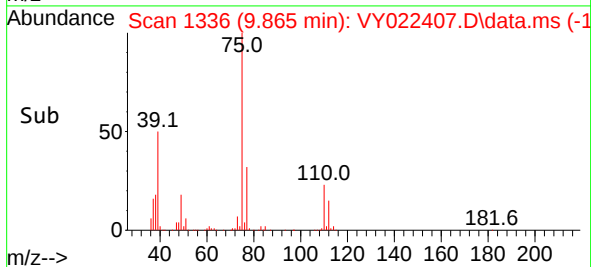
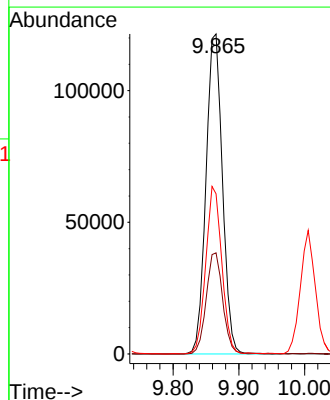
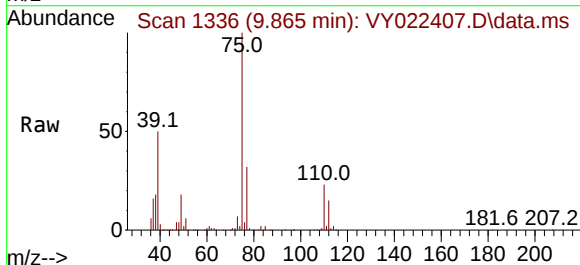
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

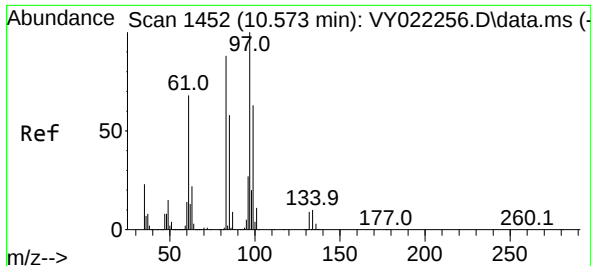
Tgt Ion: 75 Resp: 179206
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 52.261 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 75 Resp: 211578
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7
39 50.0 44.5 66.7

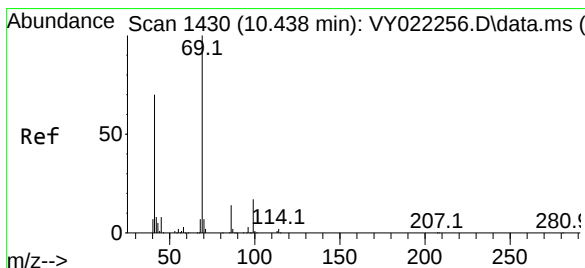
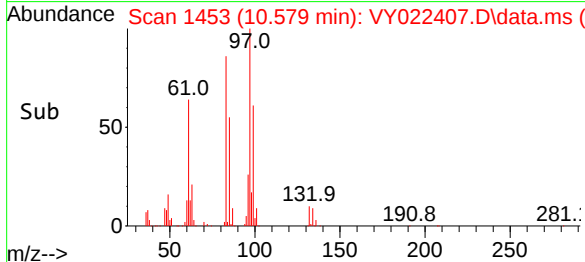
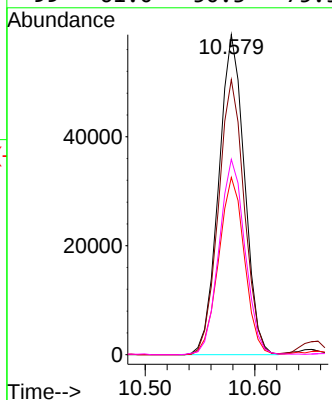
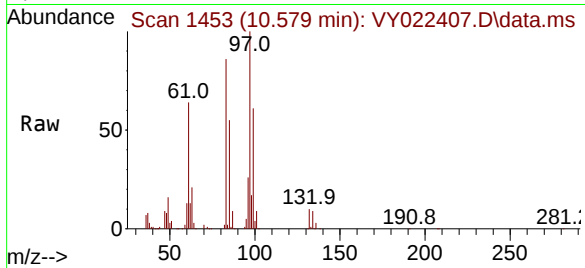




#55
1,1,2-Trichloroethane
Concen: 53.693 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

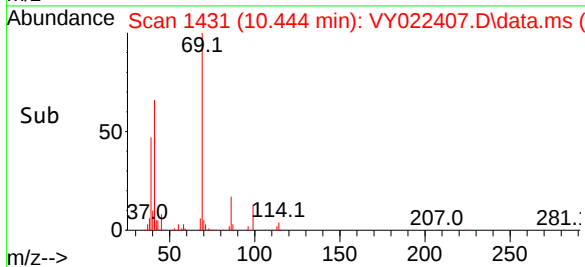
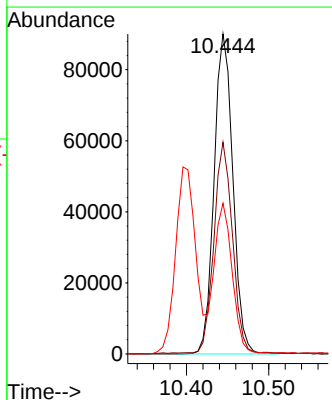
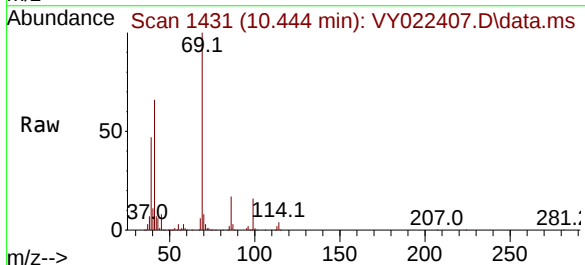
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

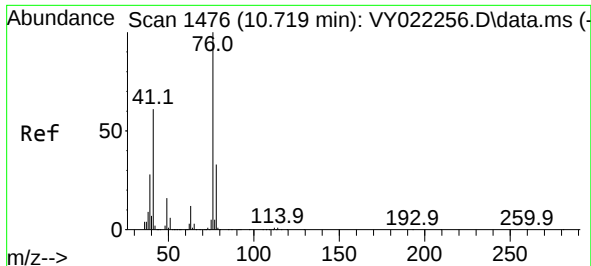
Tgt Ion: 97	Resp: 95964
Ion Ratio	Lower Upper
97 100	
83 86.0	70.3 105.5
85 55.4	46.2 69.4
99 61.0	50.3 75.5



#56
Ethyl methacrylate
Concen: 51.400 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 69	Resp: 143099
Ion Ratio	Lower Upper
69 100	
41 65.4	56.5 84.7
39 46.3	37.1 55.7





#57

1,3-Dichloropropane

Concen: 53.037 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

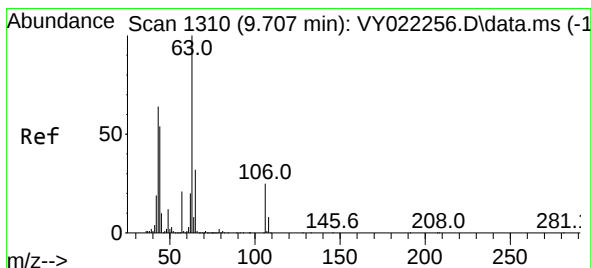
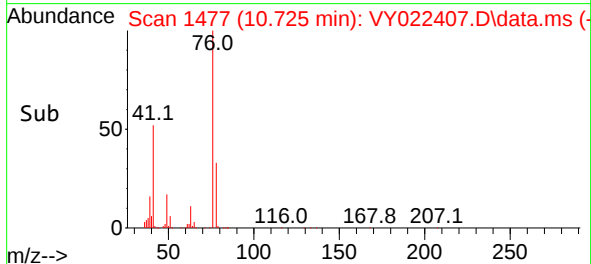
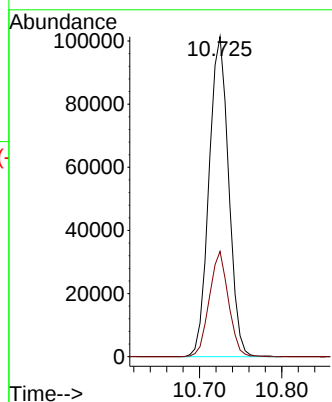
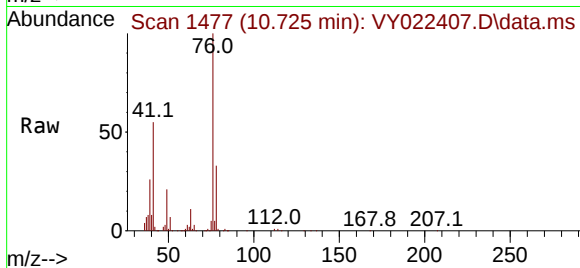
VSTDCCC050

Tgt Ion: 76 Resp: 168420

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.904 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022407.D

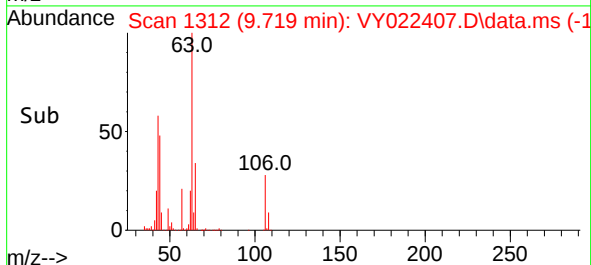
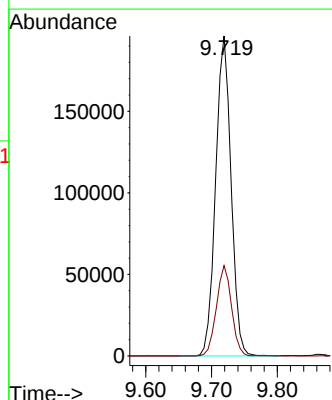
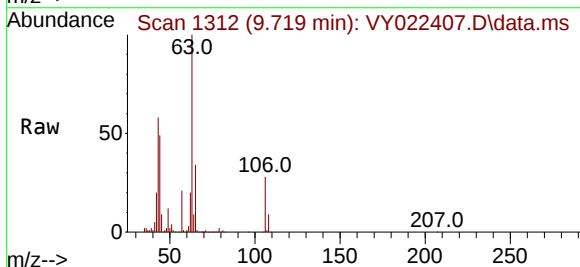
Acq: 23 May 2025 14:34

Tgt Ion: 63 Resp: 319778

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

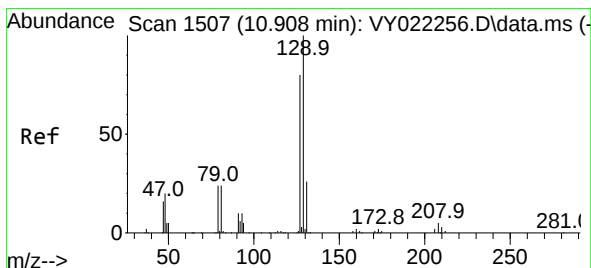
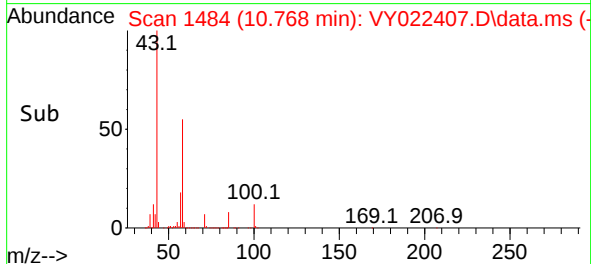
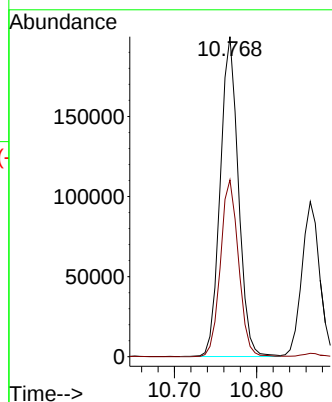
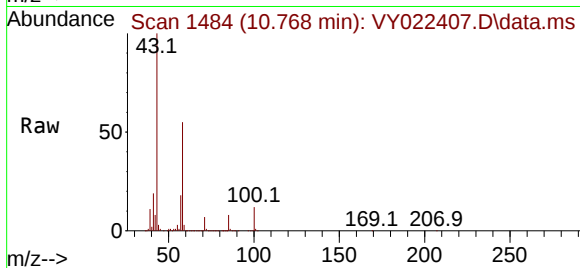




#59
2-Hexanone
Concen: 244.413 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

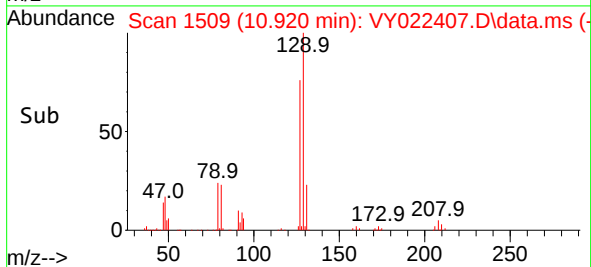
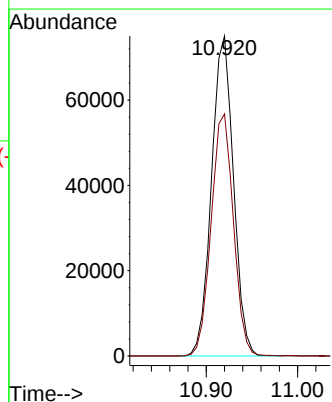
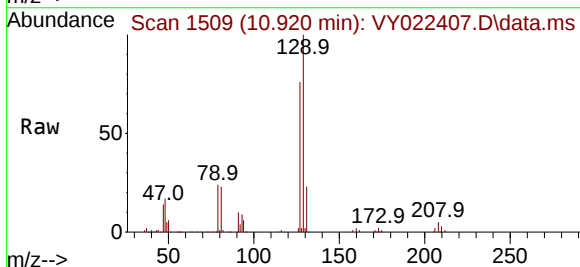
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

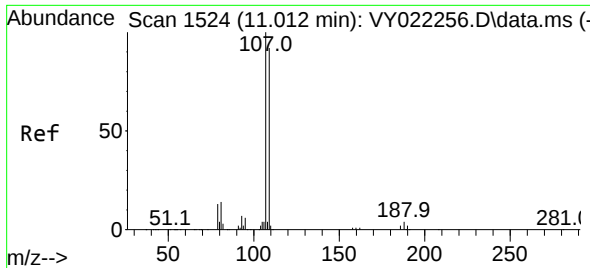
Tgt Ion: 43 Resp: 305492
Ion Ratio Lower Upper
43 100
58 55.2 26.1 78.3



#60
Dibromochloromethane
Concen: 53.868 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 129 Resp: 124963
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

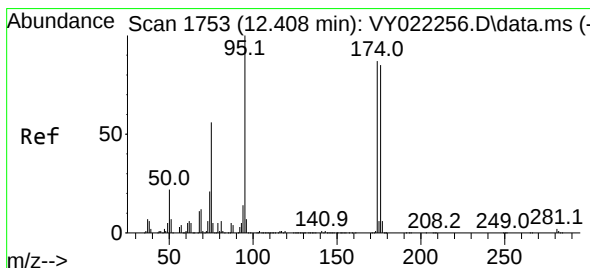
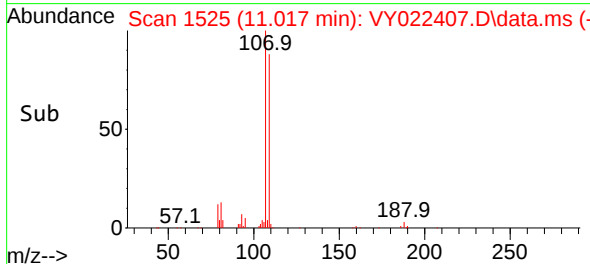
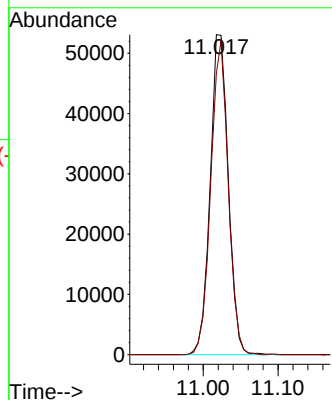
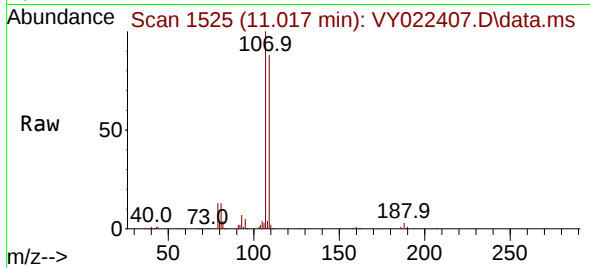




#61
1,2-Dibromoethane
Concen: 53.833 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

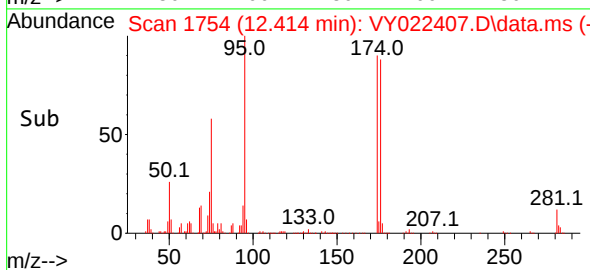
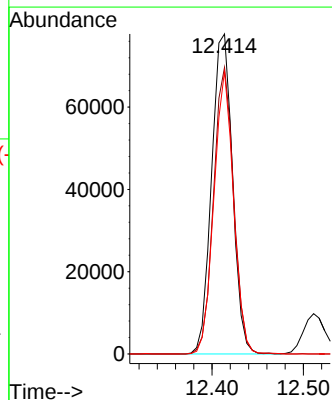
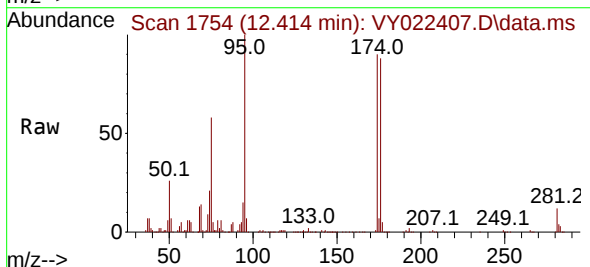
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

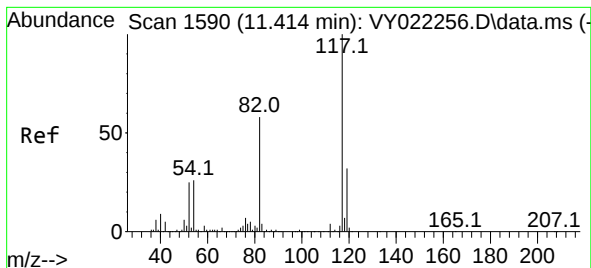
Tgt Ion:107 Resp: 89675
Ion Ratio Lower Upper
107 100
109 93.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 43.119 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 95 Resp: 123042
Ion Ratio Lower Upper
95 100
174 86.5 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

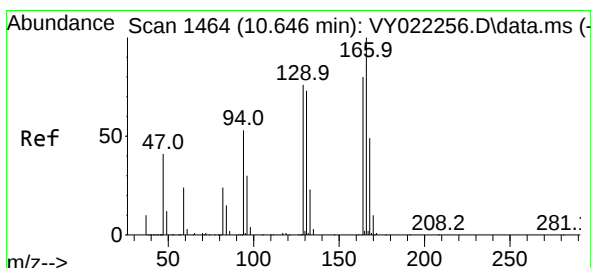
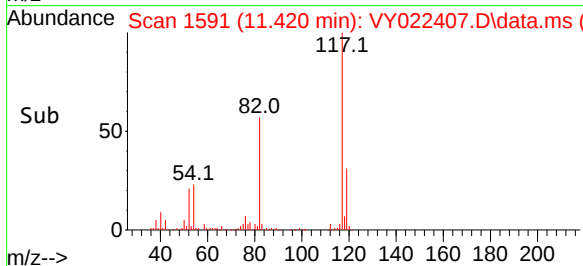
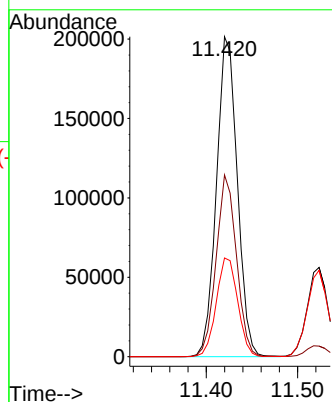
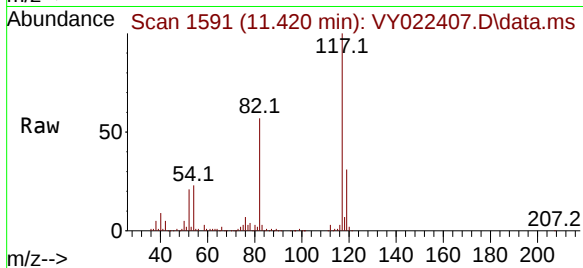
Tgt Ion:117 Resp: 319713

Ion Ratio Lower Upper

117 100

82 56.8 46.6 70.0

119 30.8 25.8 38.6



#64

Tetrachloroethene

Concen: 50.091 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Tgt Ion:164 Resp: 148025

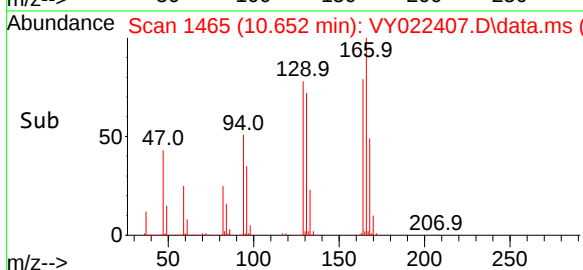
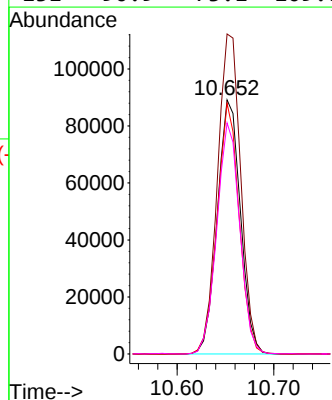
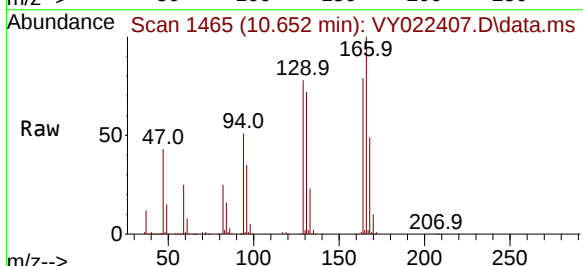
Ion Ratio Lower Upper

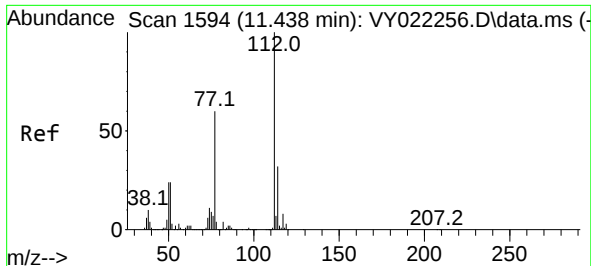
164 100

166 125.9 100.4 150.6

129 98.6 76.4 114.6

131 90.9 73.1 109.7

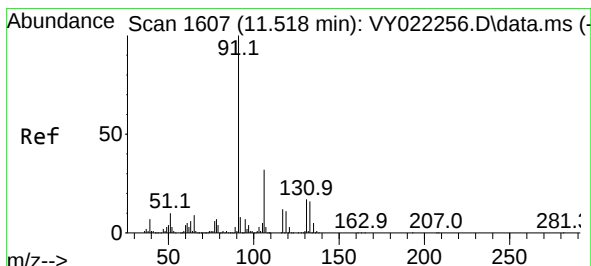
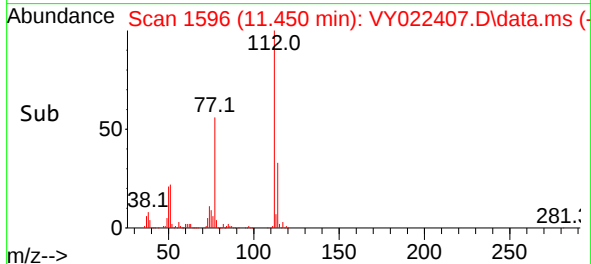
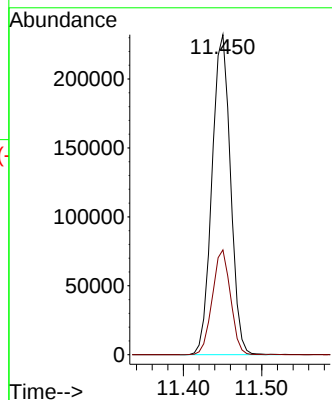
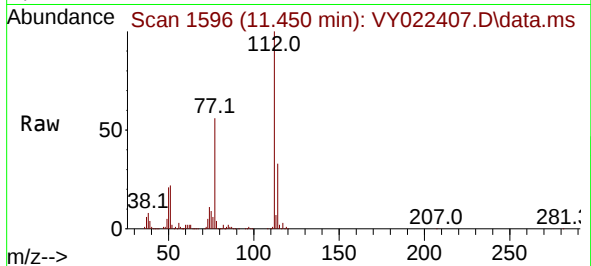




#65
Chlorobenzene
Concen: 52.815 ug/l
RT: 11.450 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

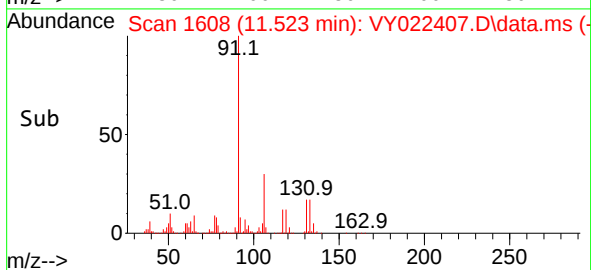
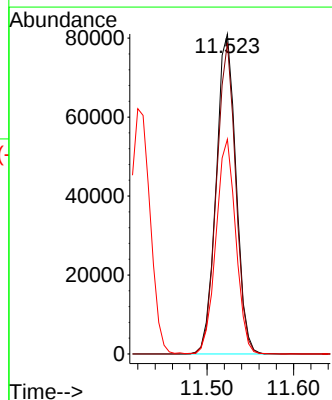
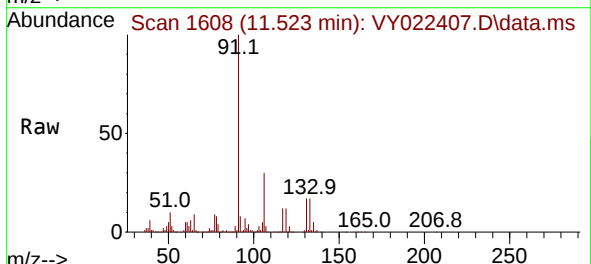
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

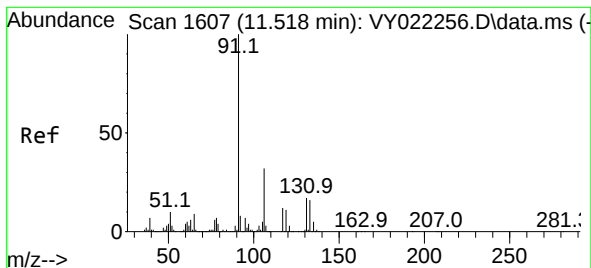
Tgt Ion:112 Resp: 380959
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.064 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion:131 Resp: 129105
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 66.9 33.1 99.2





#67

Ethyl Benzene

Concen: 52.532 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

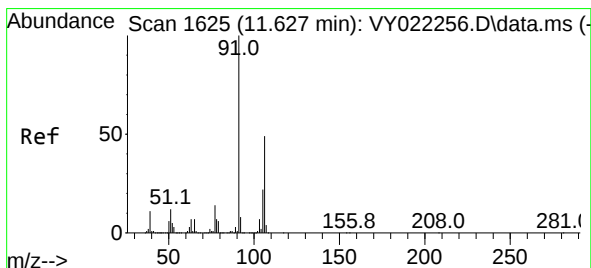
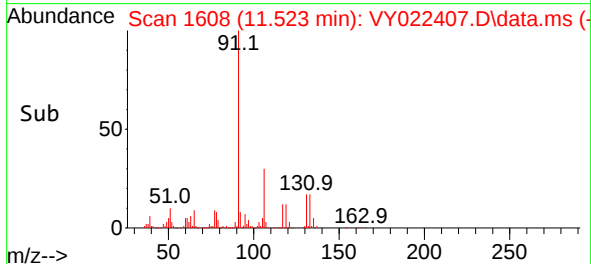
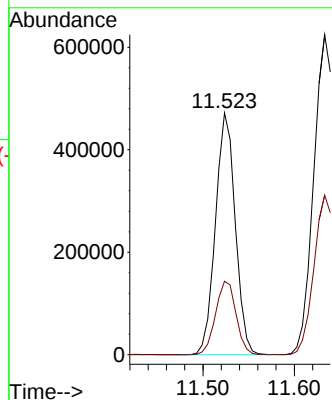
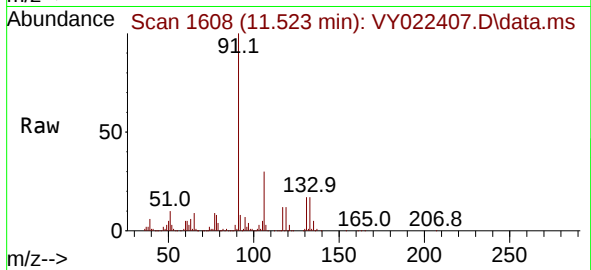
VSTDCCC050

Tgt Ion: 91 Resp: 709631

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 106.314 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022407.D

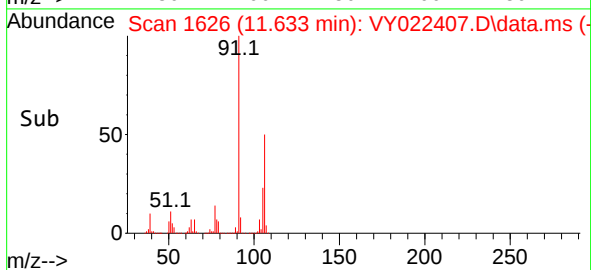
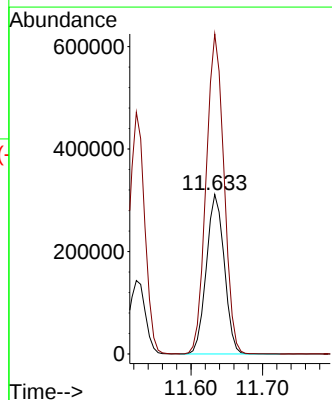
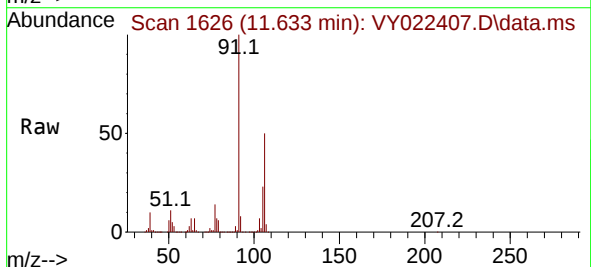
Acq: 23 May 2025 14:34

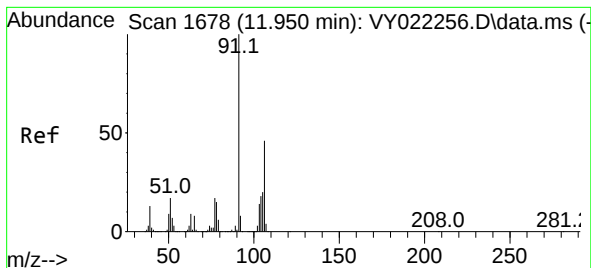
Tgt Ion:106 Resp: 541165

Ion Ratio Lower Upper

106 100

91 199.9 163.0 244.4

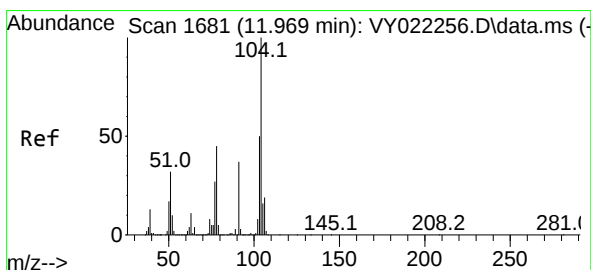
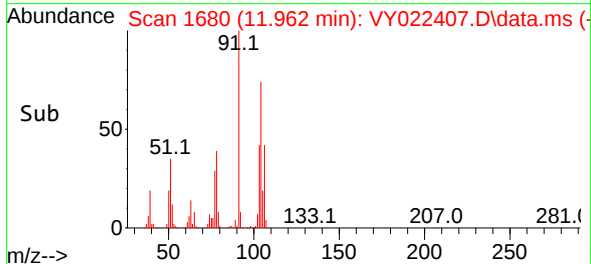
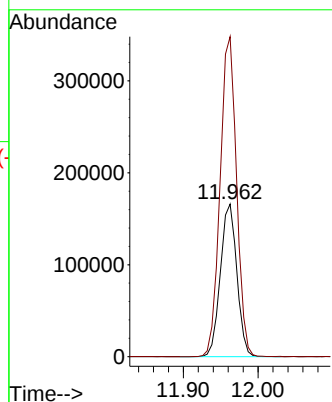
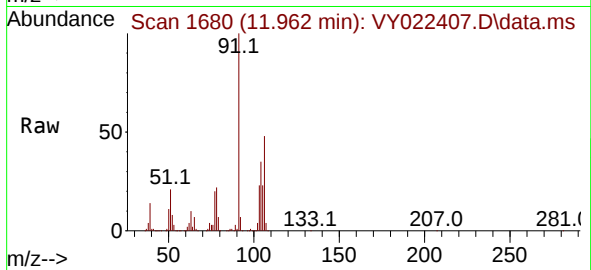




#69
o-Xylene
Concen: 52.908 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

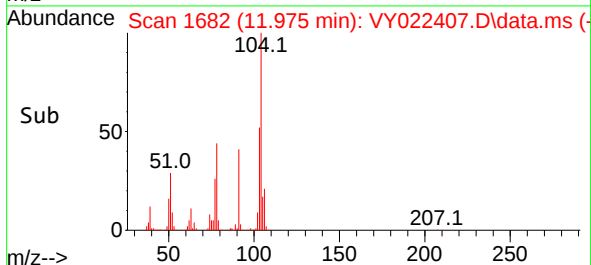
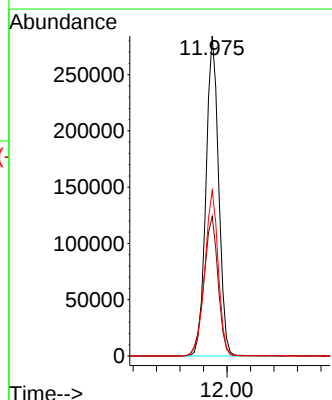
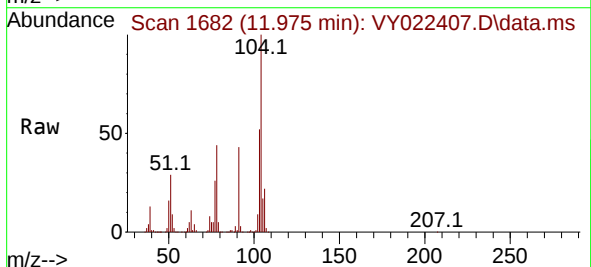
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

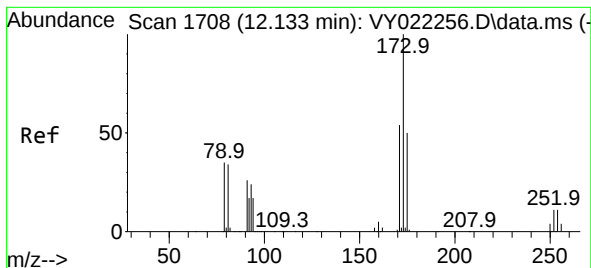
Tgt Ion:106 Resp: 254806
Ion Ratio Lower Upper
106 100
91 209.5 108.3 324.8



#70
Styrene
Concen: 52.512 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion:104 Resp: 426601
Ion Ratio Lower Upper
104 100
78 48.5 40.9 61.3
103 54.9 43.7 65.5





#71

Bromoform

Concen: 50.619 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

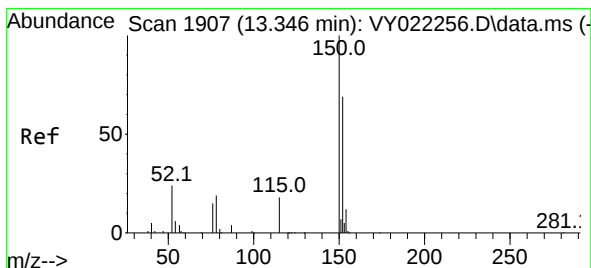
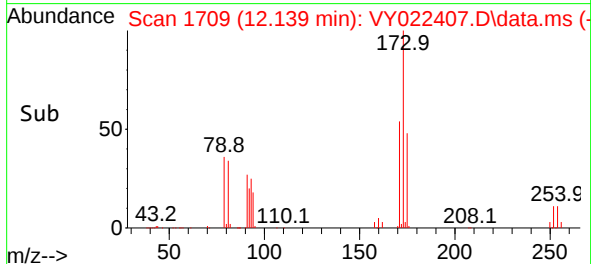
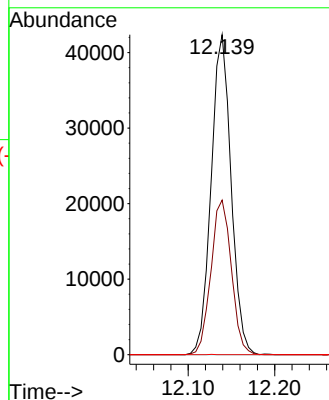
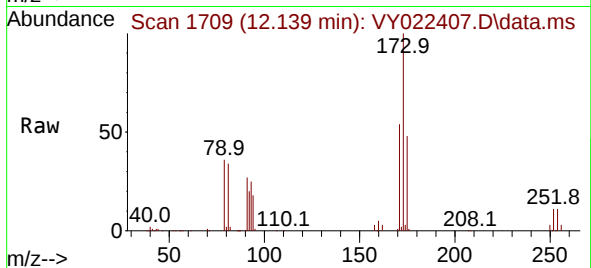
Tgt Ion:173 Resp: 67751

Ion Ratio Lower Upper

173 100

175 49.6 24.7 74.1

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

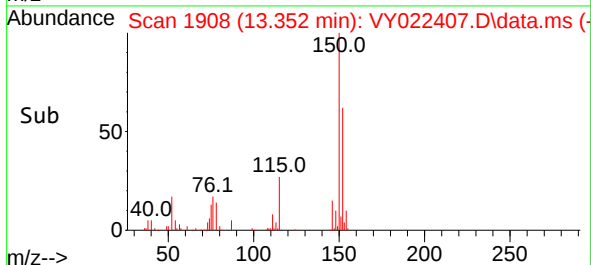
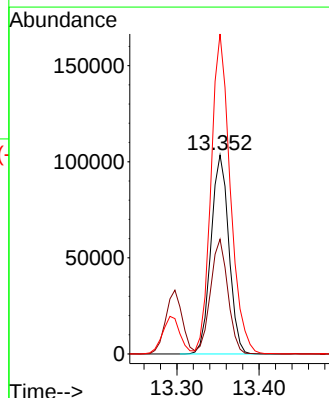
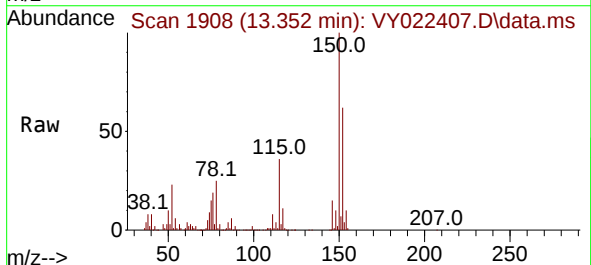
Tgt Ion:152 Resp: 156128

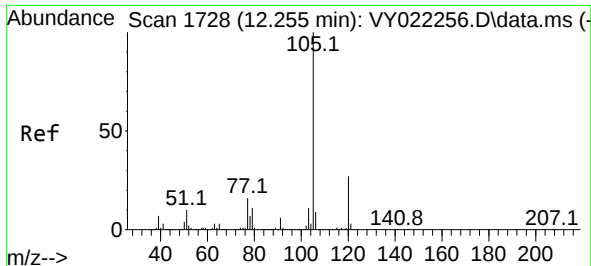
Ion Ratio Lower Upper

152 100

115 56.2 29.4 88.2

150 173.2 0.0 353.8

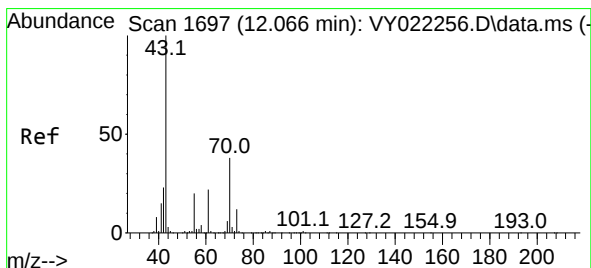
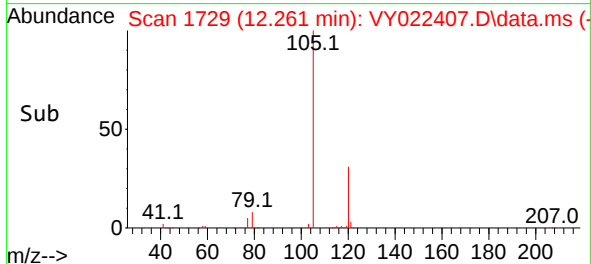
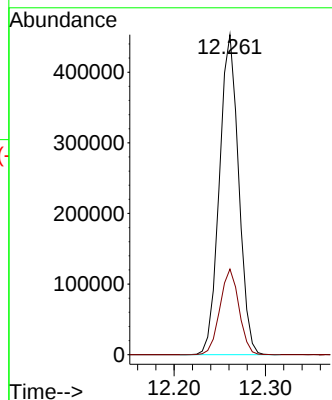
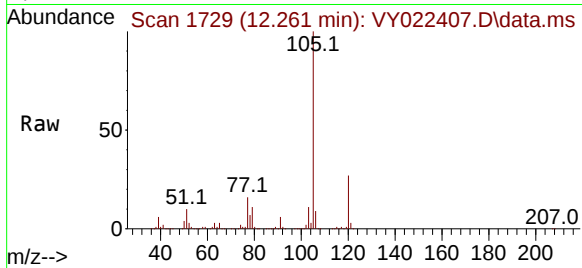




#73
Isopropylbenzene
Concen: 51.371 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

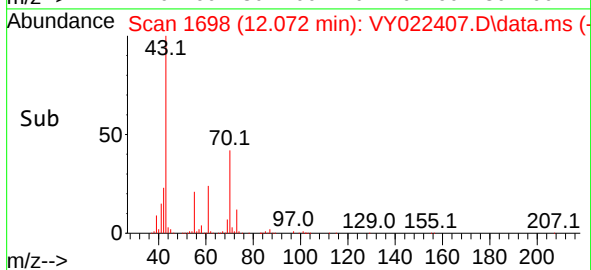
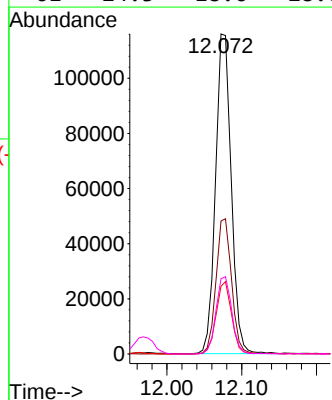
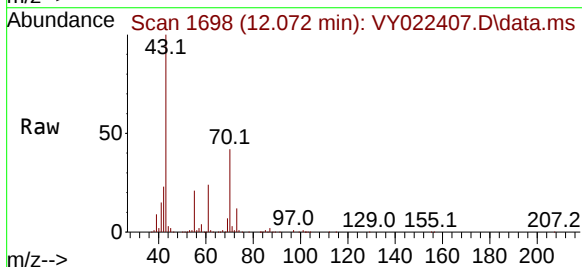
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

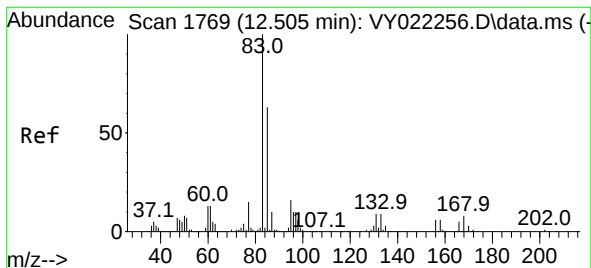
Tgt Ion:105 Resp: 664453
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 45.779 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 43 Resp: 169349
Ion Ratio Lower Upper
43 100
70 41.8 31.4 47.0
55 22.3 17.0 25.6
61 24.3 18.6 28.0

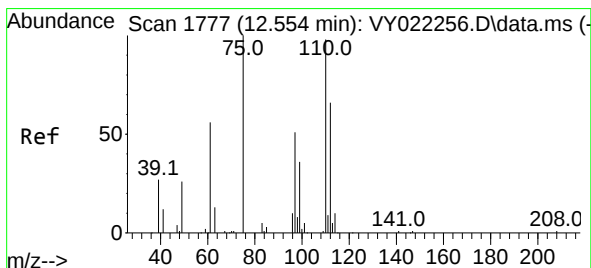
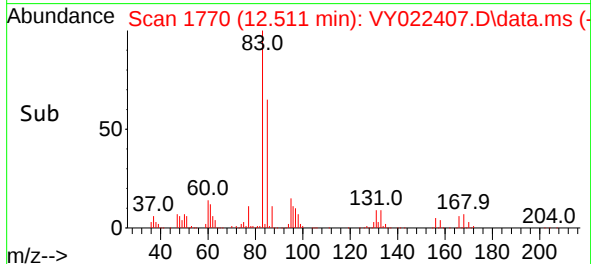
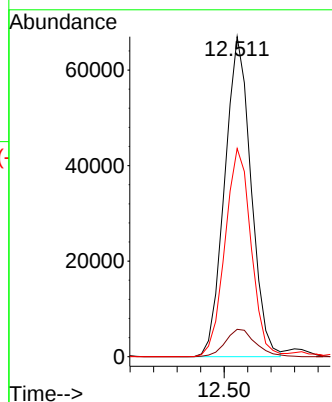
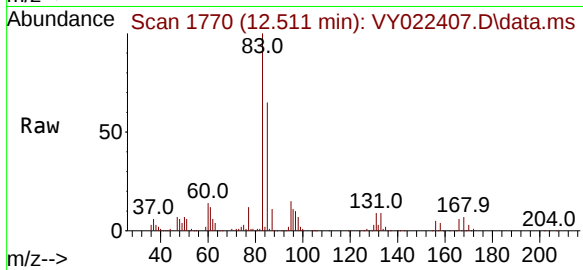




#75
1,1,2-Tetrachloroethane
Concen: 52.437 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

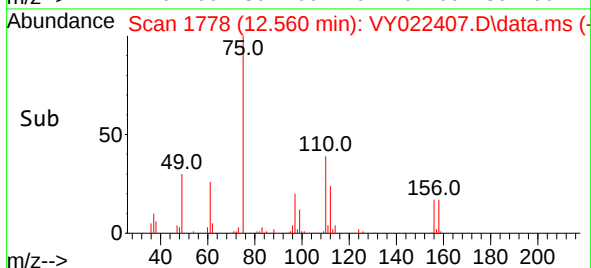
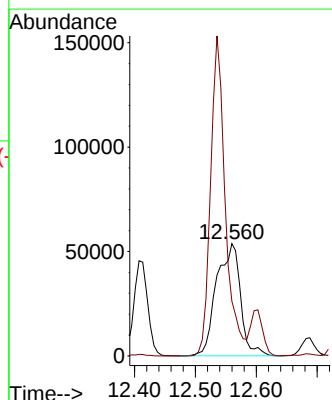
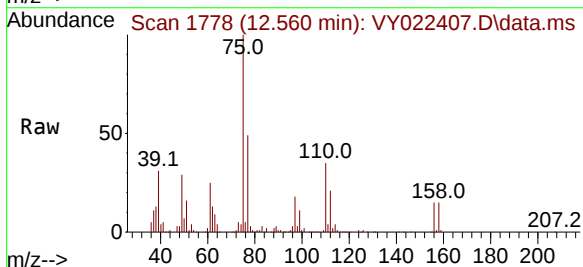
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

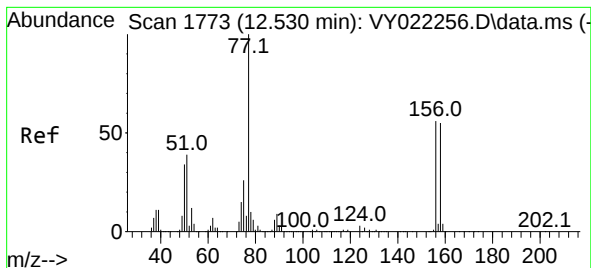
Tgt Ion: 83 Resp: 104308
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 92.489 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 75 Resp: 146294
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.501 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

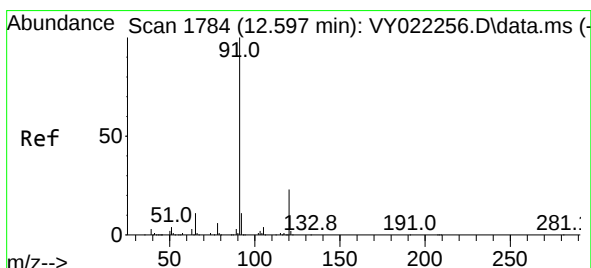
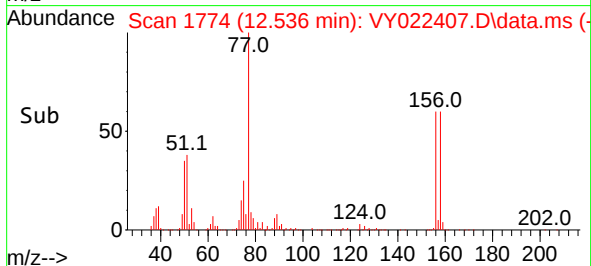
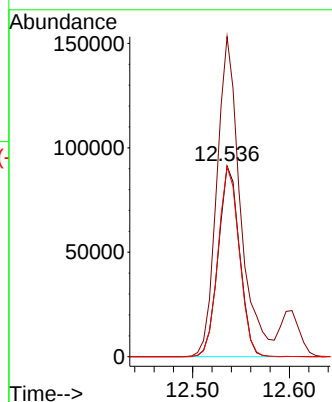
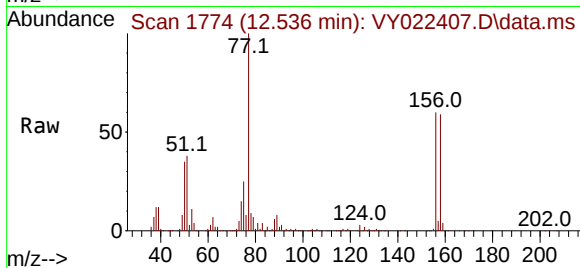
Tgt Ion:156 Resp: 139511

Ion Ratio Lower Upper

156 100

77 185.6 94.5 283.6

158 99.4 48.4 145.3



#78

n-propylbenzene

Concen: 51.904 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022407.D

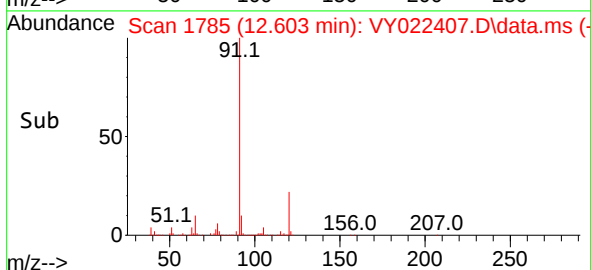
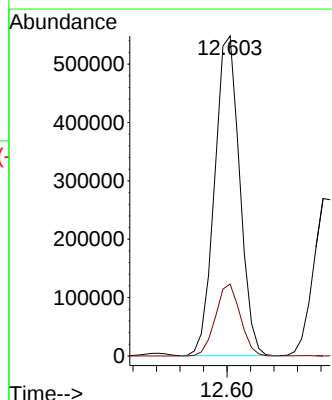
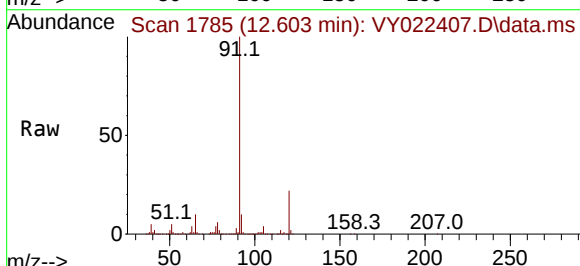
Acq: 23 May 2025 14:34

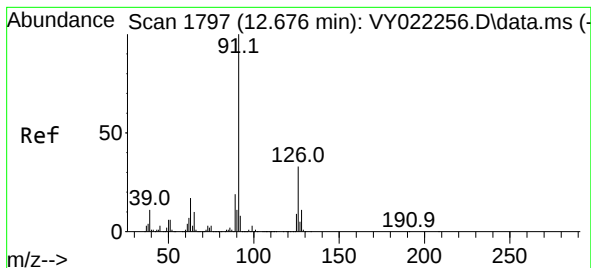
Tgt Ion: 91 Resp: 809774

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3





#79

2-Chlorotoluene

Concen: 49.921 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

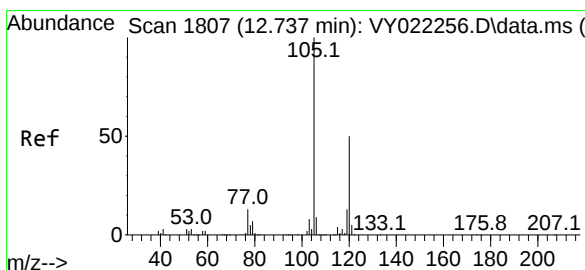
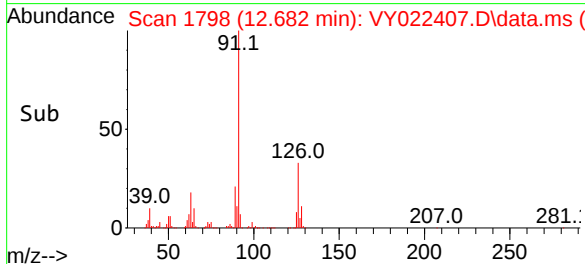
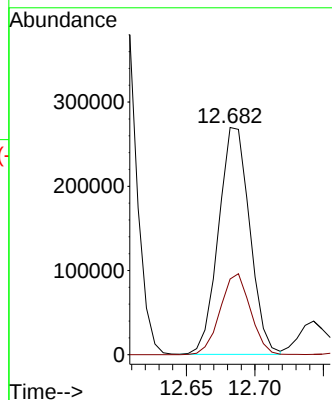
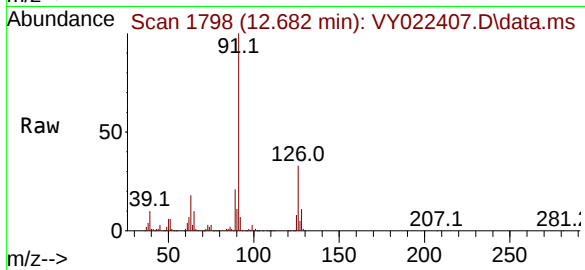
VSTDCCC050

Tgt Ion: 91 Resp: 427999

Ion Ratio Lower Upper

91 100

126 34.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 50.370 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY022407.D

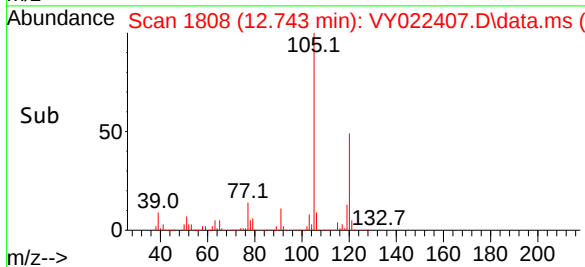
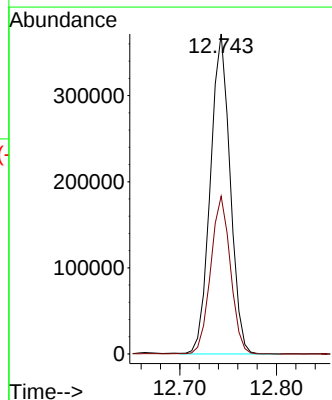
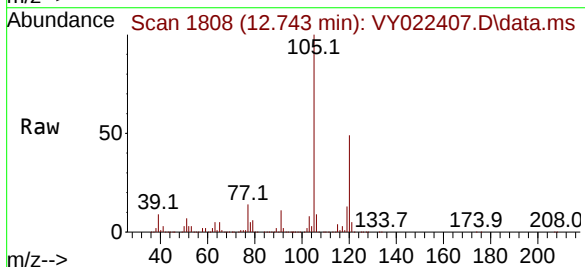
Acq: 23 May 2025 14:34

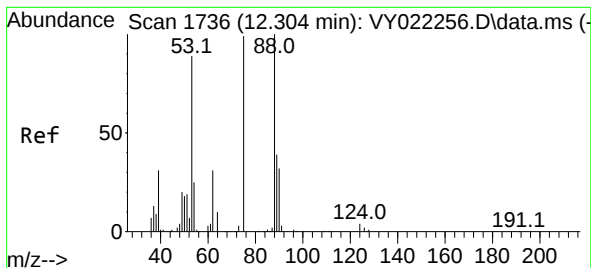
Tgt Ion: 105 Resp: 525917

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6

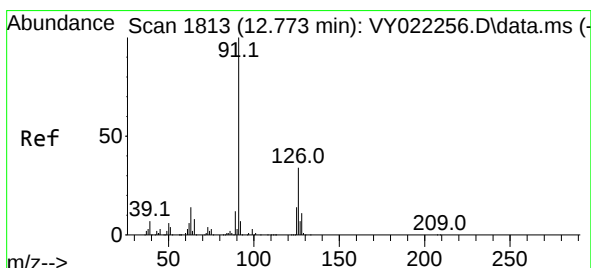
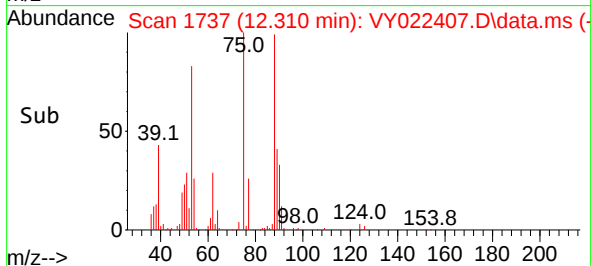
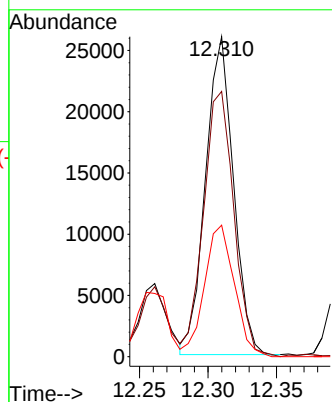
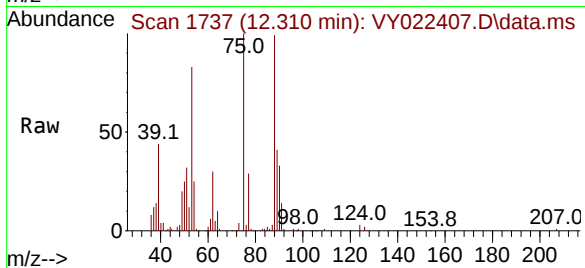




#81
trans-1,4-Dichloro-2-butene
Concen: 47.111 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

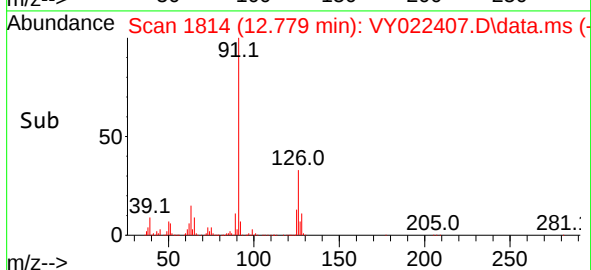
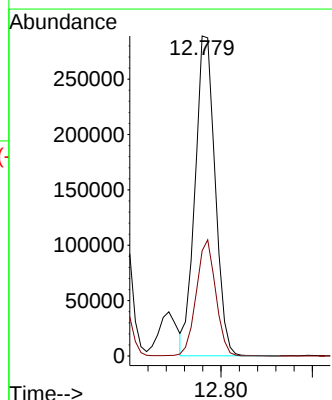
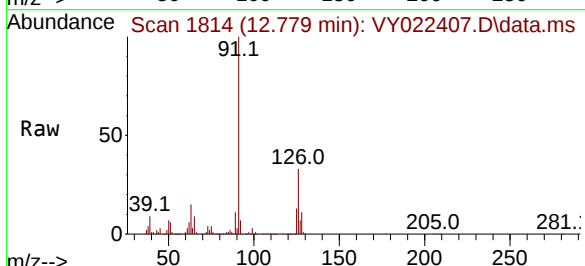
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

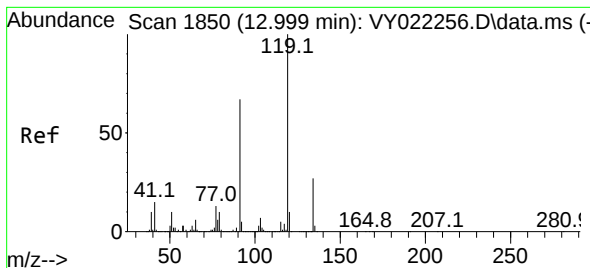
Tgt Ion: 75 Resp: 36785
Ion Ratio Lower Upper
75 100
53 90.7 75.8 113.8
89 44.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.894 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022407.D
Acq: 23 May 2025 14:34

Tgt Ion: 91 Resp: 439995
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.4





#83

tert-Butylbenzene

Concen: 51.135 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

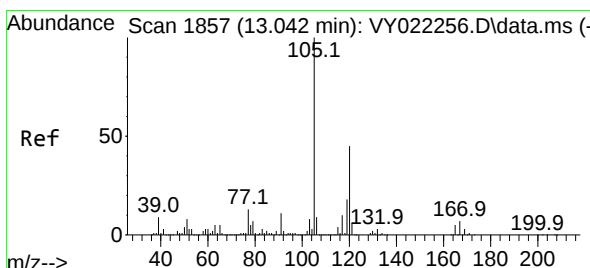
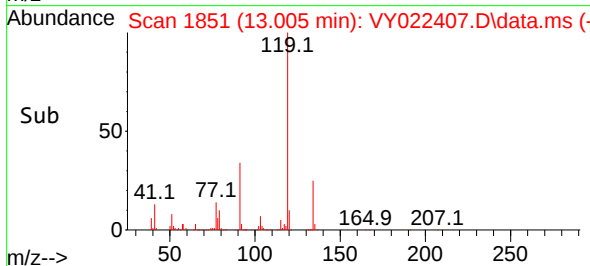
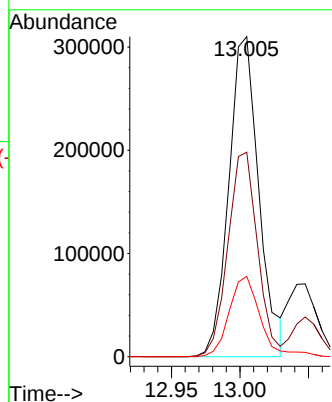
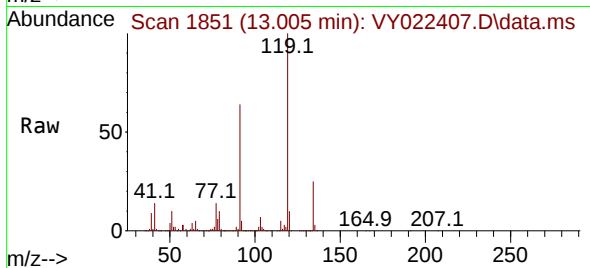
Tgt Ion:119 Resp: 474547

Ion Ratio Lower Upper

119 100

91 62.9 32.8 98.3

134 26.0 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 50.812 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022407.D

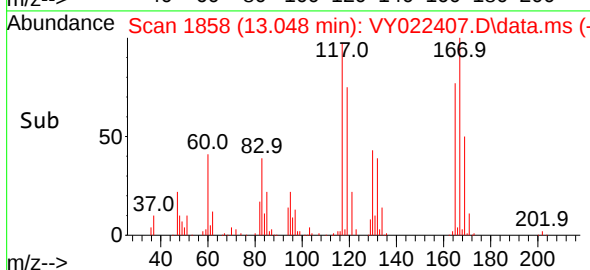
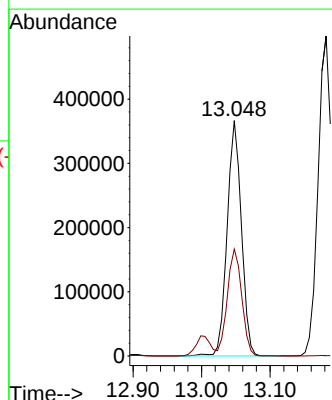
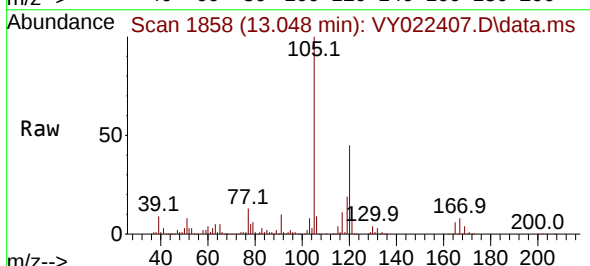
Acq: 23 May 2025 14:34

Tgt Ion:105 Resp: 526654

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.842 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

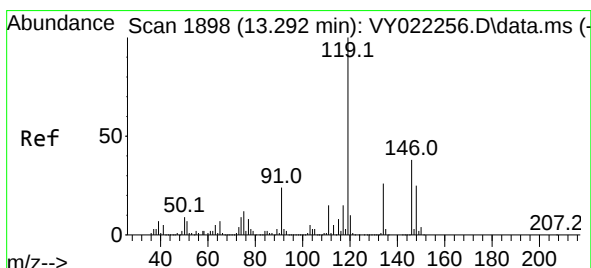
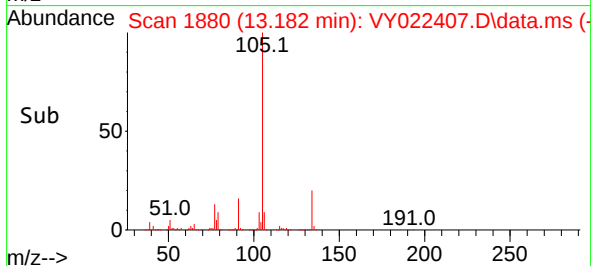
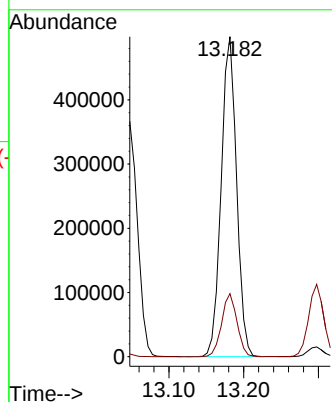
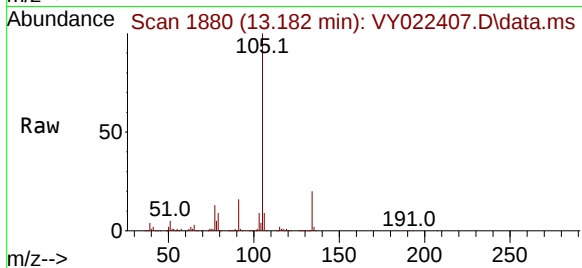
VSTDCCC050

Tgt Ion:105 Resp: 714168

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.345 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

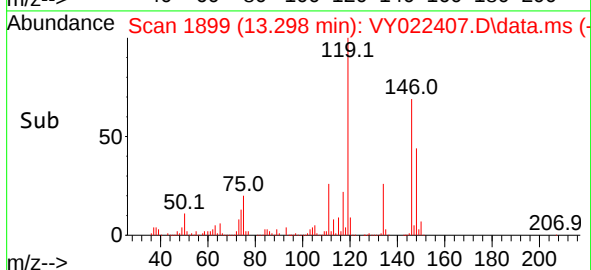
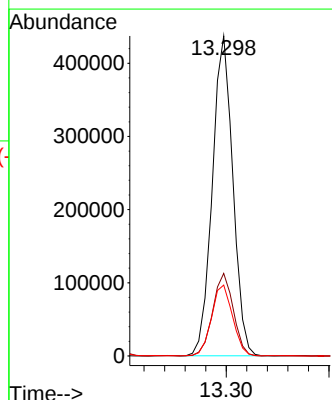
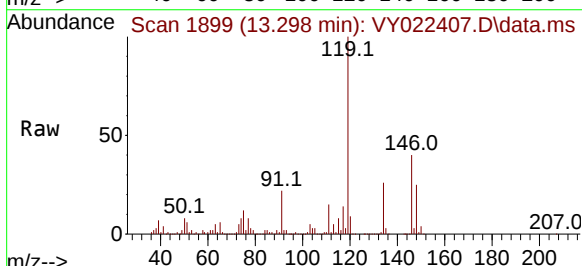
Tgt Ion:119 Resp: 606476

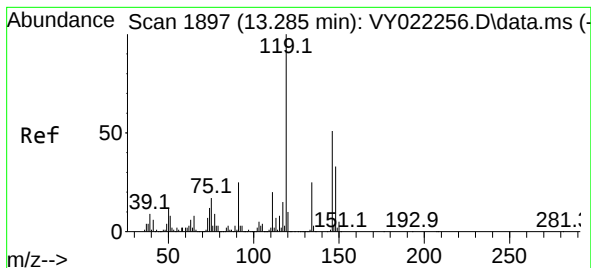
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 22.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.356 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

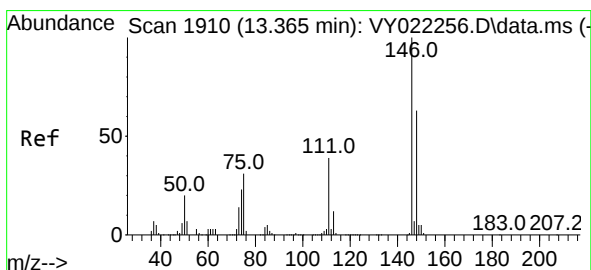
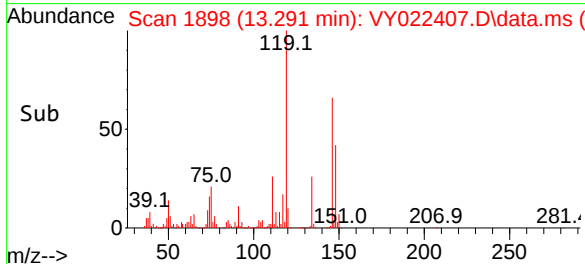
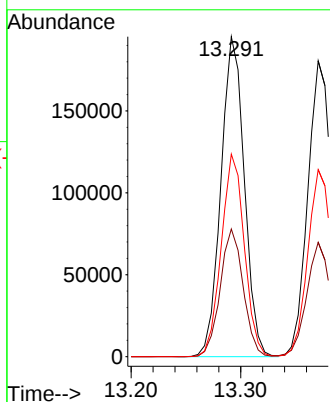
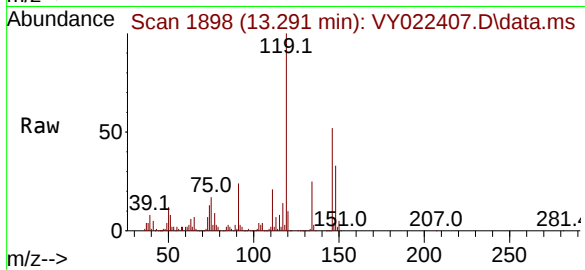
Tgt Ion:146 Resp: 289621

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 62.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.838 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

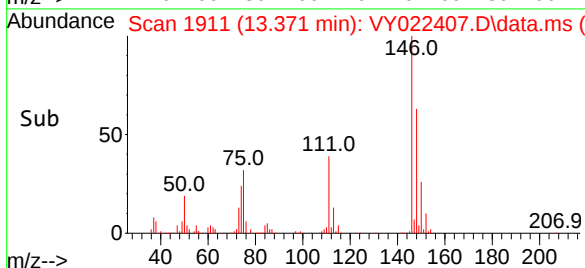
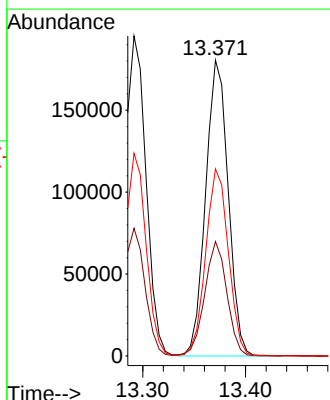
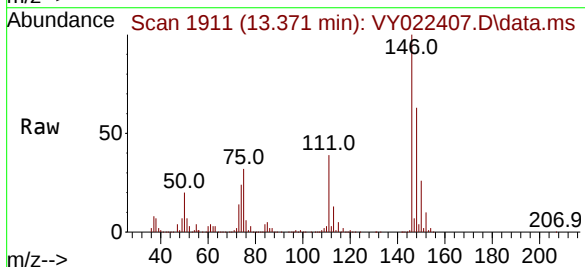
Tgt Ion:146 Resp: 275777

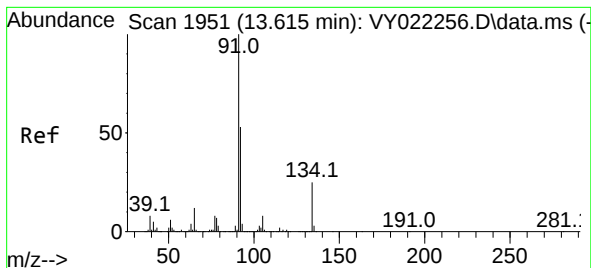
Ion Ratio Lower Upper

146 100

111 38.0 20.0 59.9

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 52.136 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

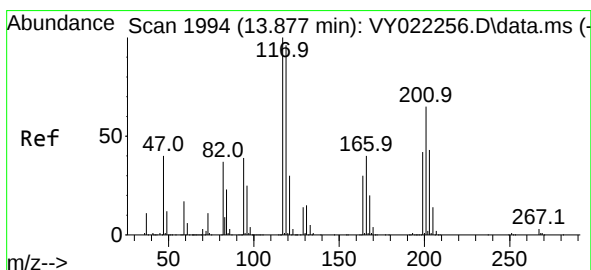
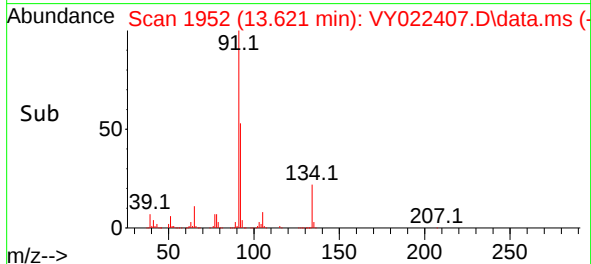
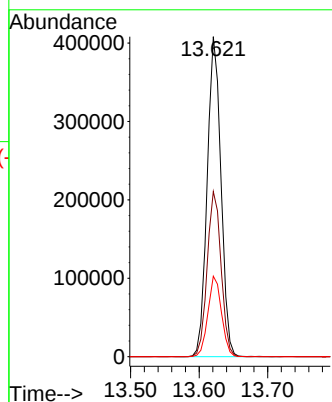
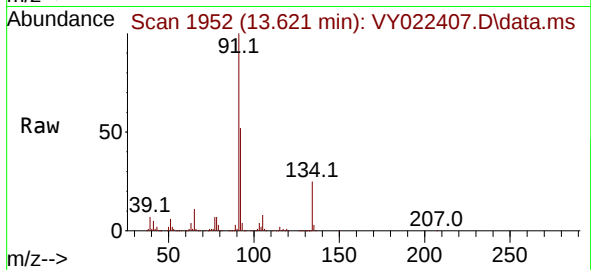
Tgt Ion: 91 Resp: 571460

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 24.8 12.4 37.4



#90

Hexachloroethane

Concen: 49.754 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022407.D

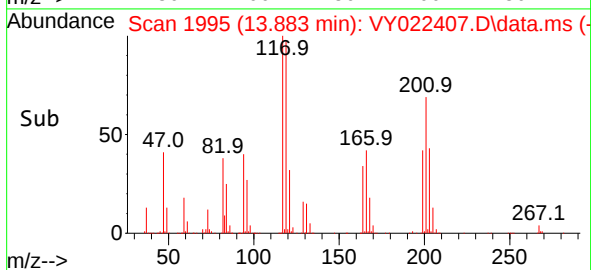
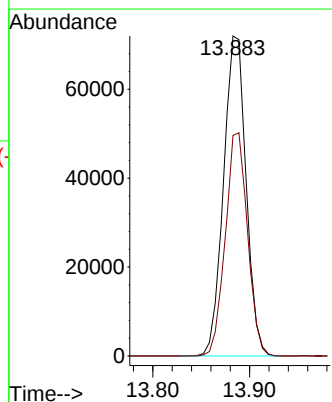
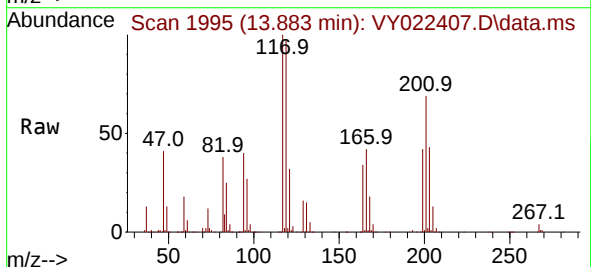
Acq: 23 May 2025 14:34

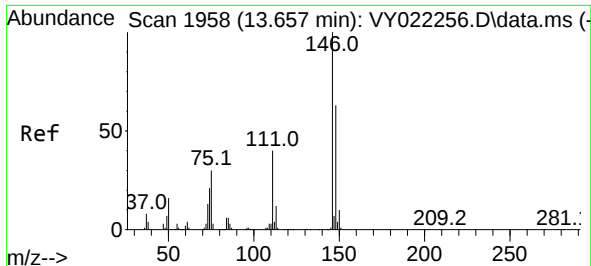
Tgt Ion: 117 Resp: 116364

Ion Ratio Lower Upper

117 100

201 68.9 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 50.973 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

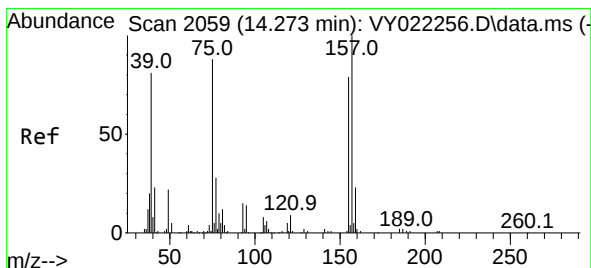
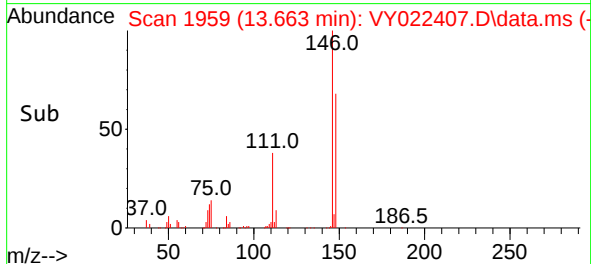
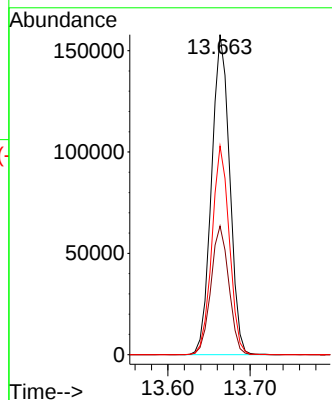
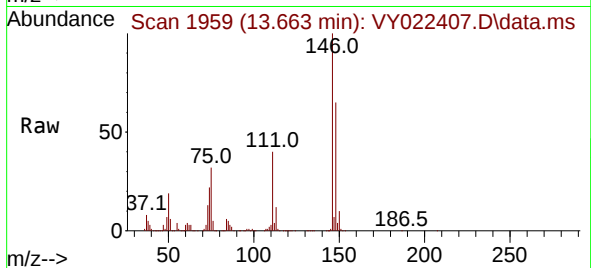
Tgt Ion:146 Resp: 241462

Ion Ratio Lower Upper

146 100

111 39.8 20.5 61.5

148 62.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.266 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

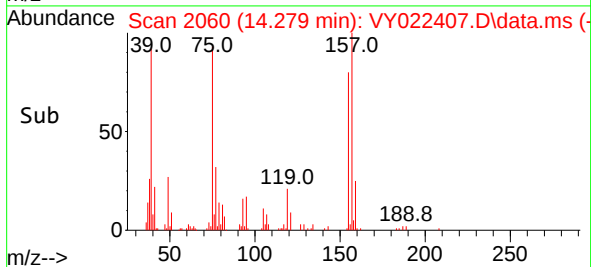
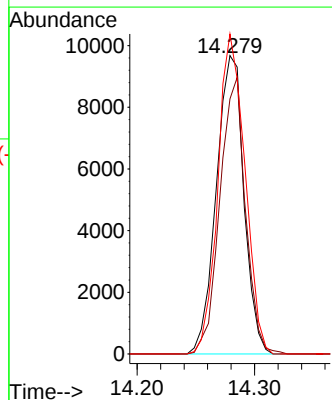
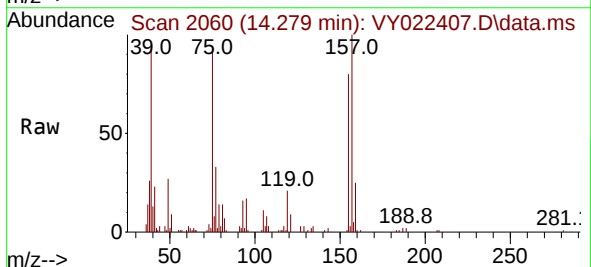
Tgt Ion: 75 Resp: 15803

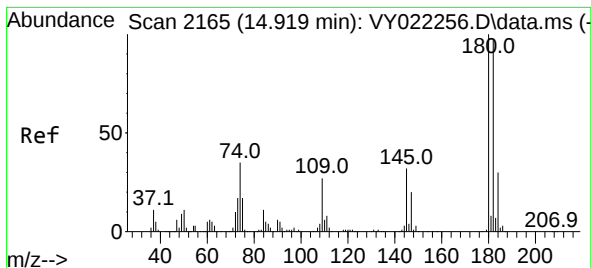
Ion Ratio Lower Upper

75 100

155 86.0 43.4 130.1

157 104.9 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 49.720 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

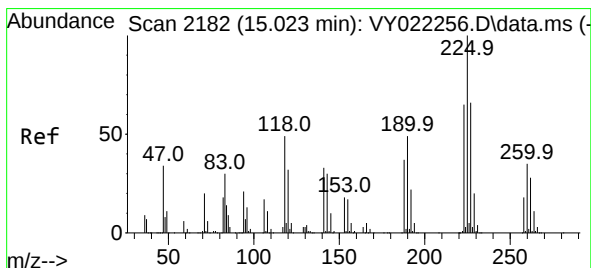
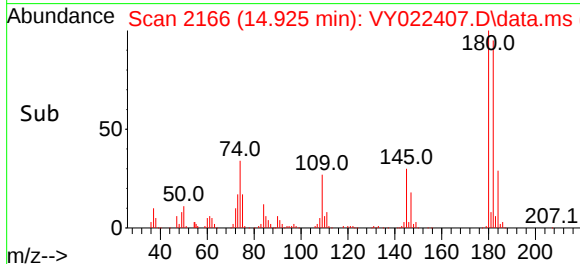
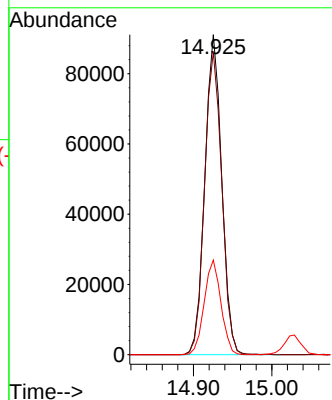
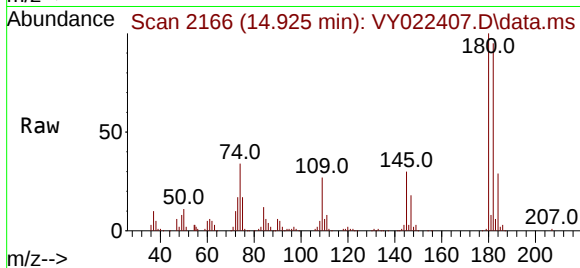
Tgt Ion:180 Resp: 136047

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 29.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 49.779 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

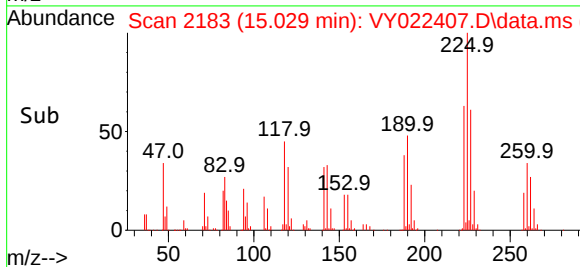
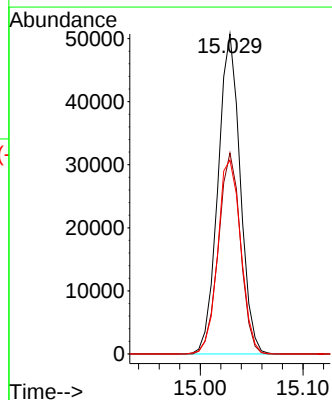
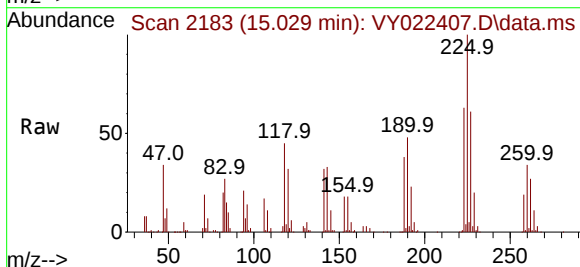
Tgt Ion:225 Resp: 75960

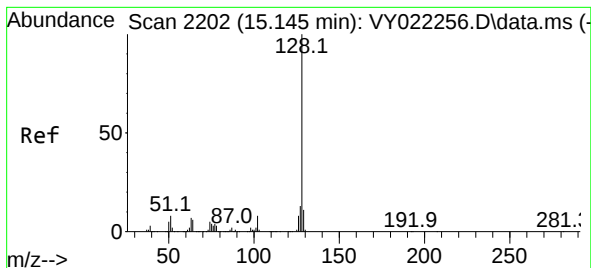
Ion Ratio Lower Upper

225 100

223 62.3 31.5 94.5

227 63.0 32.1 96.3





#95

Naphthalene

Concen: 50.366 ug/l

RT: 15.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

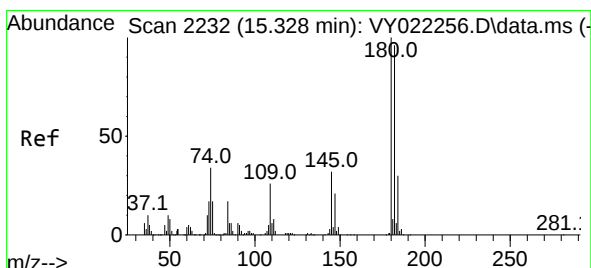
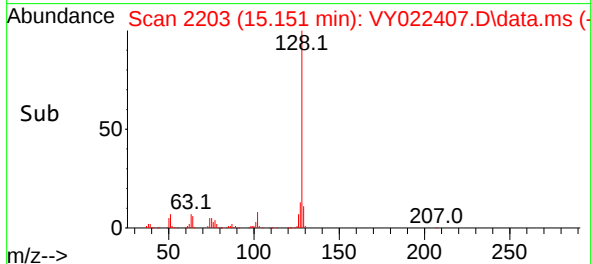
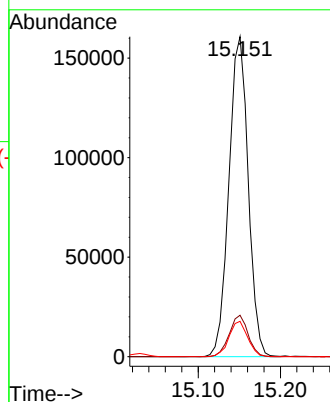
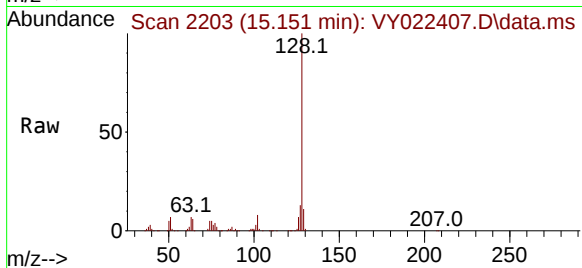
Tgt Ion:128 Resp: 261527

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.307 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022407.D

Acq: 23 May 2025 14:34

Tgt Ion:180 Resp: 116775

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 30.6 15.9 47.6

