

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022301.D
 Acq On : 16 May 2025 19:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 01:40:18 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	7.707	168	169408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	301400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	262982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	124169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105132	56.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.560%	
35) Dibromofluoromethane	7.634	113	95967	53.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.700%	
50) Toluene-d8	10.103	98	385048	52.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	12.401	95	118638	50.802	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	81891	46.326	ug/l	98
3) Chloromethane	2.068	50	194341	52.264	ug/l	100
4) Vinyl Chloride	2.202	62	261518	62.949	ug/l	97
5) Bromomethane	2.592	94	216391	63.984	ug/l	99
6) Chloroethane	2.732	64	182258	70.518	ug/l	98
7) Trichlorofluoromethane	3.049	101	229841	54.643	ug/l	99
8) Diethyl Ether	3.452	74	57553	57.015	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	91858	50.304	ug/l	98
10) Methyl Iodide	4.000	142	124272	58.800	ug/l	99
11) Tert butyl alcohol	4.866	59	41446	293.143	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	96302	53.144	ug/l	99
13) Acrolein	3.647	56	45853	221.842	ug/l	97
14) Allyl chloride	4.378	41	160107	50.390	ug/l	97
15) Acrylonitrile	5.055	53	122379	294.229	ug/l	99
16) Acetone	3.872	43	90742	261.381	ug/l	98
17) Carbon Disulfide	4.104	76	310118	52.482	ug/l	98
18) Methyl Acetate	4.385	43	78917	72.098	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	289508	57.942	ug/l	96
20) Methylene Chloride	4.610	84	112252	50.040	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	107400	53.696	ug/l	98
22) Diisopropyl ether	6.012	45	357394	53.264	ug/l	96
23) Vinyl Acetate	5.957	43	1023992	252.608	ug/l	98
24) 1,1-Dichloroethane	5.909	63	202421	53.998	ug/l	98
25) 2-Butanone	6.890	43	159016	273.834	ug/l	99
26) 2,2-Dichloropropane	6.878	77	154549	46.353	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	129025	55.900	ug/l	96
28) Bromochloromethane	7.244	49	87604	54.788	ug/l	97
29) Tetrahydrofuran	7.262	42	108553	290.562	ug/l	96
30) Chloroform	7.421	83	202440	56.301	ug/l	96
31) Cyclohexane	7.695	56	171539	45.799	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	172530	52.300	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143691	48.494	ug/l	99
37) Ethyl Acetate	6.982	43	71726	50.310	ug/l	97
38) Carbon Tetrachloride	7.817	117	147865	48.210	ug/l	99
39) Methylcyclohexane	9.109	83	180031	45.224	ug/l	97
40) Benzene	8.079	78	456109	51.925	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	39846	42.134	ug/l #	77
42) 1,2-Dichloroethane	8.152	62	126733	53.352	ug/l	99
43) Isopropyl Acetate	8.195	43	161047	51.797	ug/l #	89
44) Trichloroethene	8.865	130	110550	50.616	ug/l	95
45) 1,2-Dichloropropane	9.140	63	108718	51.337	ug/l	97
46) Dibromomethane	9.231	93	61598	53.928	ug/l	98
47) Bromodichloromethane	9.420	83	155944	52.627	ug/l	97
48) Methyl methacrylate	9.219	41	75248	51.751	ug/l	94
49) 1,4-Dioxane	9.237	88	14407	1116.500	ug/l #	86
51) 4-Methyl-2-Pentanone	9.993	43	412211	270.195	ug/l	98
52) Toluene	10.170	92	284515	51.150	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	147108	50.870	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	169256	51.085	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	78105	53.400	ug/l	98
56) Ethyl methacrylate	10.438	69	120471	52.876	ug/l	99
57) 1,3-Dichloropropane	10.713	76	138601	53.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	300672	294.015	ug/l	100
59) 2-Hexanone	10.755	43	270964	264.900	ug/l	98
60) Dibromochloromethane	10.908	129	101289	53.353	ug/l	99
61) 1,2-Dibromoethane	11.011	107	73769	54.113	ug/l	100
64) Tetrachloroethene	10.646	164	117020	48.141	ug/l	96
65) Chlorobenzene	11.438	112	298366	50.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	103057	50.525	ug/l	99
67) Ethyl Benzene	11.517	91	552037	49.681	ug/l	98
68) m/p-Xylenes	11.627	106	416782	99.542	ug/l	99
69) o-Xylene	11.950	106	200603	50.639	ug/l	99
70) Styrene	11.969	104	342456	51.248	ug/l	98
71) Bromoform	12.133	173	58041	52.719	ug/l #	99
73) Isopropylbenzene	12.249	105	506442	49.232	ug/l	100
74) N-amyl acetate	12.066	43	145082	49.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86108	54.429	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	122211	97.150	ug/l #	100
77) Bromobenzene	12.529	156	111837	50.903	ug/l	100
78) n-propylbenzene	12.590	91	615206	49.582	ug/l	99
79) 2-Chlorotoluene	12.676	91	339182	49.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	405753	48.863	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	28728	46.262	ug/l	100
82) 4-Chlorotoluene	12.773	91	345271	49.230	ug/l	98
83) tert-Butylbenzene	12.993	119	369198	50.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	411972	49.978	ug/l	98
85) sec-Butylbenzene	13.176	105	538476	49.149	ug/l	100
86) p-Isopropyltoluene	13.291	119	449798	48.814	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	224283	50.006	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	217882	50.503	ug/l	98
89) n-Butylbenzene	13.615	91	423157	48.542	ug/l	99
90) Hexachloroethane	13.877	117	91050	48.950	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	193609	51.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13510	52.958	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	107697	49.489	ug/l	100
94) Hexachlorobutadiene	15.023	225	56596	46.635	ug/l	98
95) Naphthalene	15.139	128	217144	52.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	93303	50.540	ug/l	99

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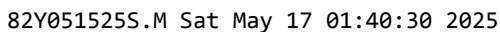
Instrument :
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ClientSampleId :
VSTDCCC050EC

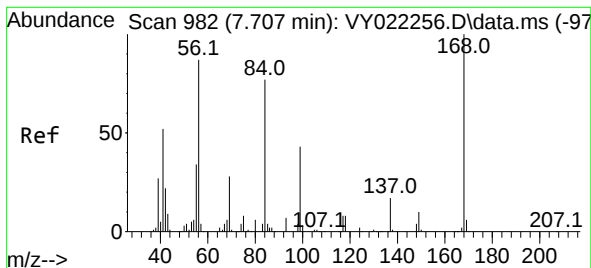
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022301.D

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ClientSampleId :

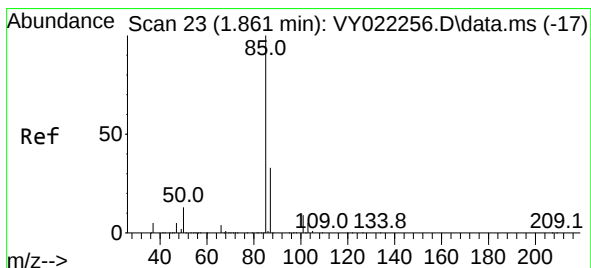
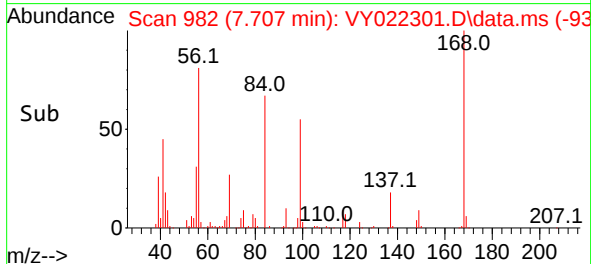
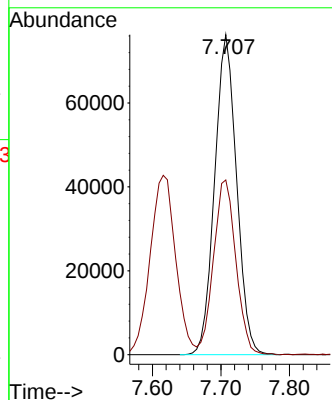
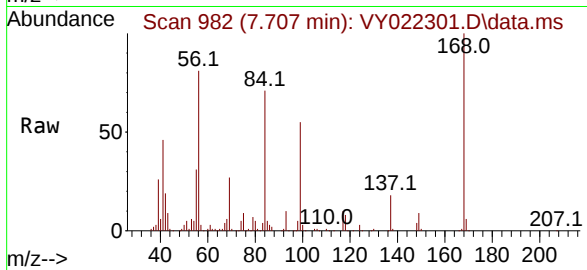
VSTDCCC050EC

Tgt Ion:168 Resp: 169408

Ion Ratio Lower Upper

168 100

99 54.6 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 46.326 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.000 min

Lab File: VY022301.D

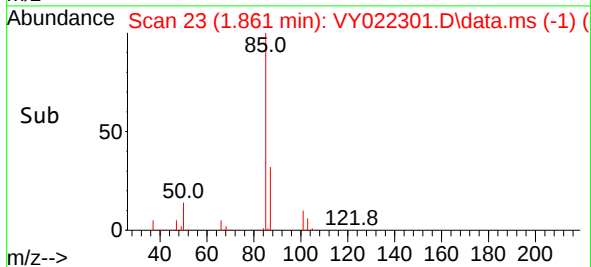
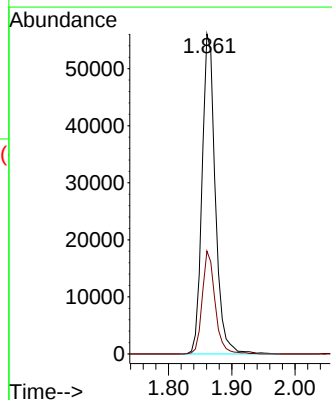
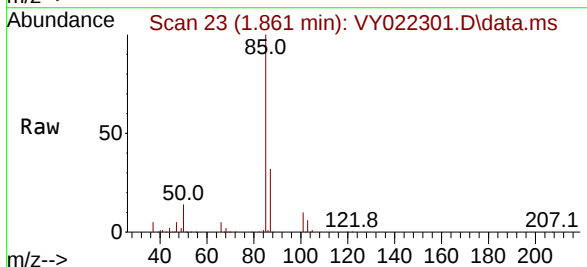
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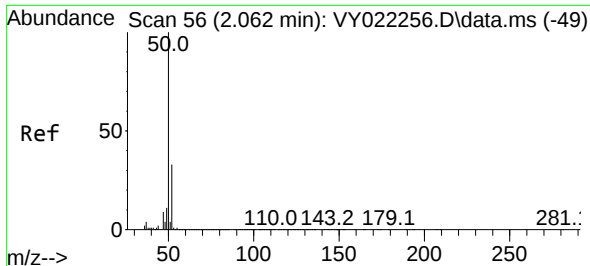
Tgt Ion: 85 Resp: 81891

Ion Ratio Lower Upper

85 100

87 32.1 16.5 49.5

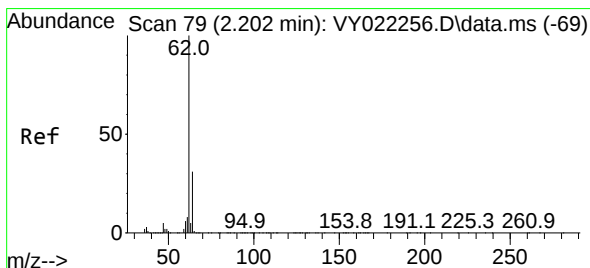
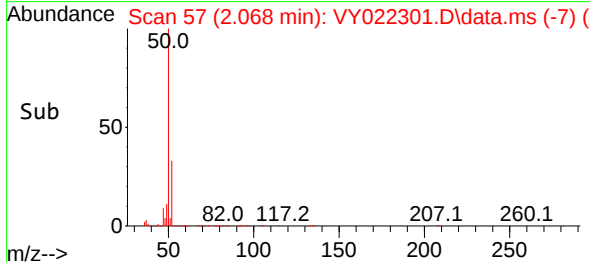
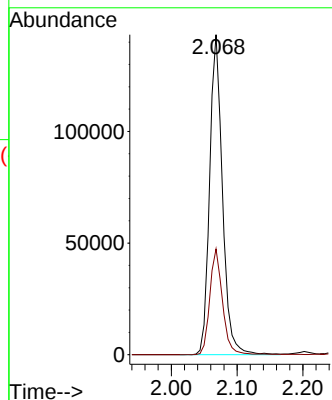
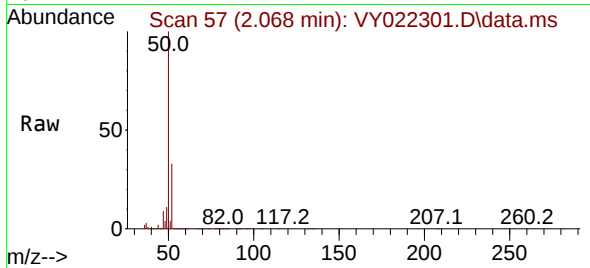




#3
Chloromethane
Concen: 52.264 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

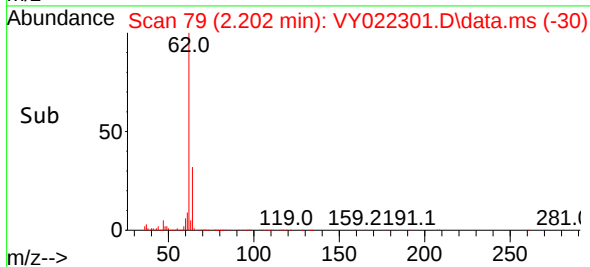
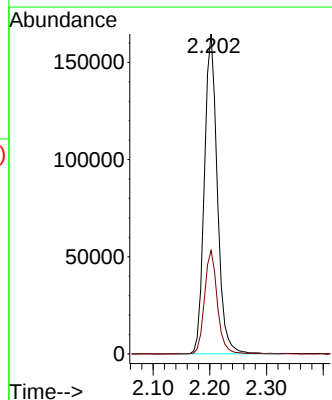
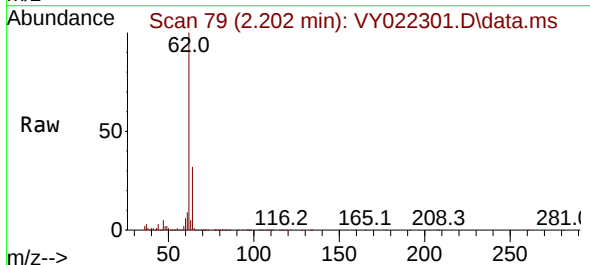
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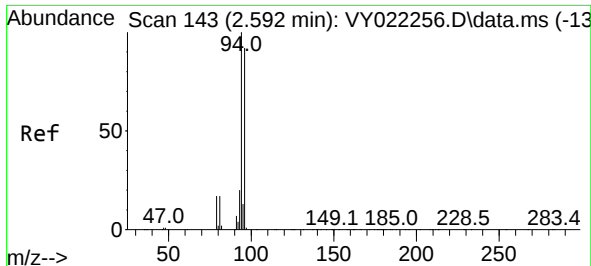
Tgt Ion: 50 Resp: 194341
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7



#4
Vinyl Chloride
Concen: 62.949 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 62 Resp: 261518
Ion Ratio Lower Upper
62 100
64 32.3 24.5 36.7

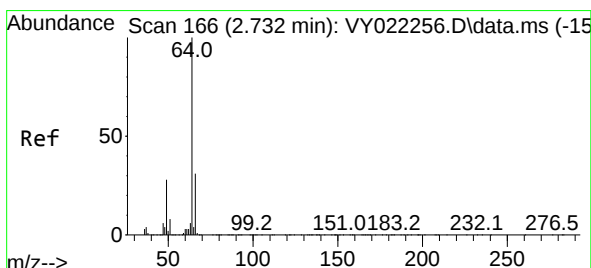
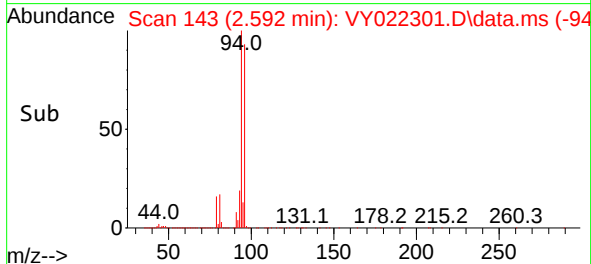
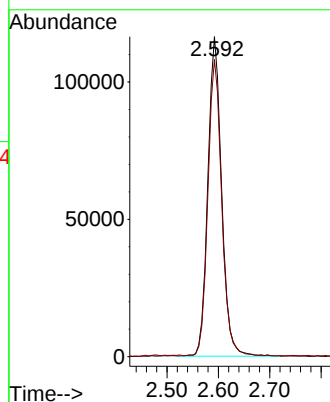
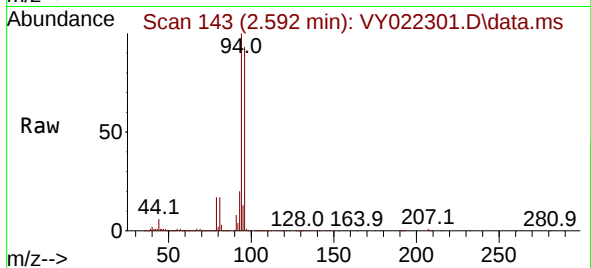




#5
Bromomethane
Concen: 63.984 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
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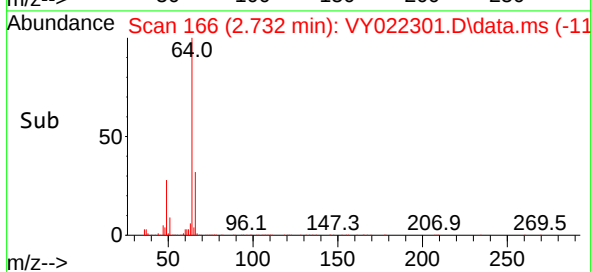
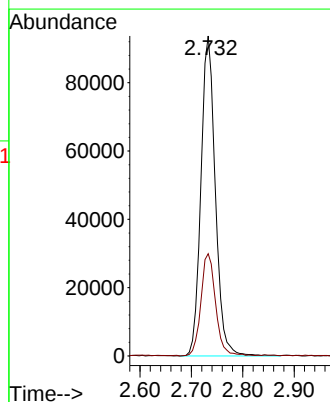
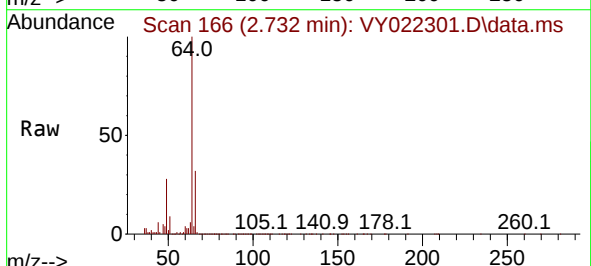
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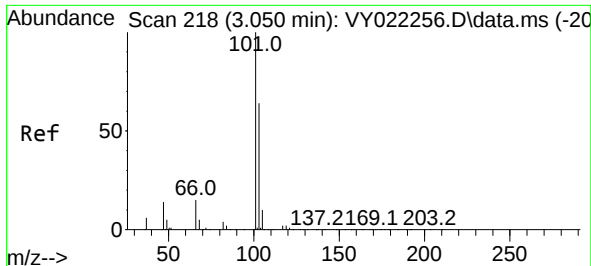
Tgt Ion: 94 Resp: 216391
Ion Ratio Lower Upper
94 100
96 92.7 73.4 110.0



#6
Chloroethane
Concen: 70.518 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 64 Resp: 182258
Ion Ratio Lower Upper
64 100
66 31.9 24.8 37.2

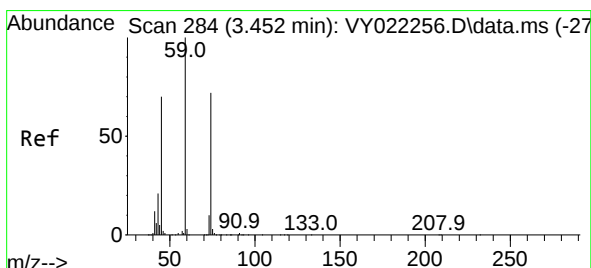
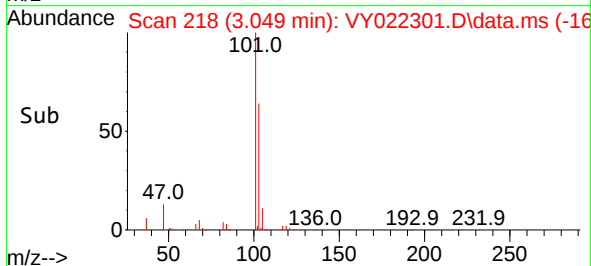
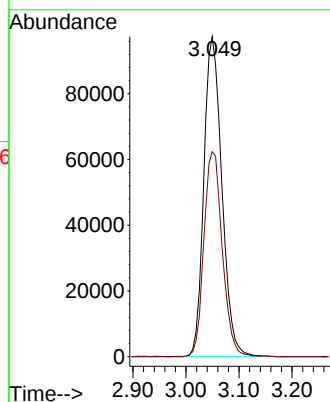
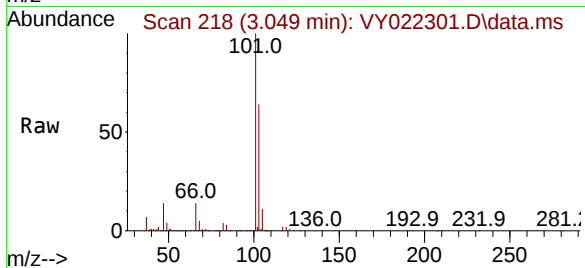




#7
Trichlorofluoromethane
Concen: 54.643 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

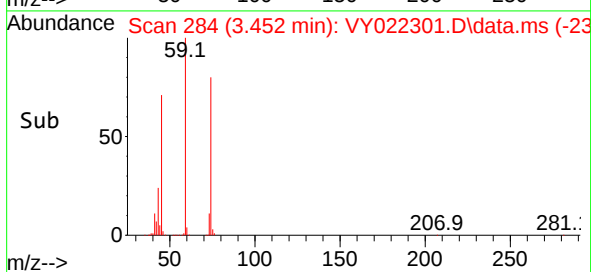
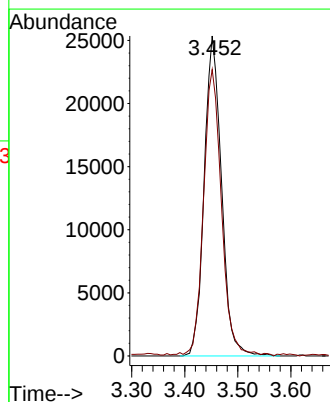
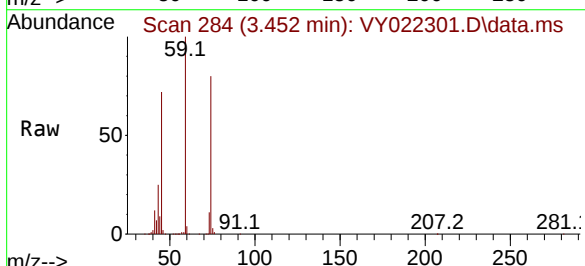
Instrument :
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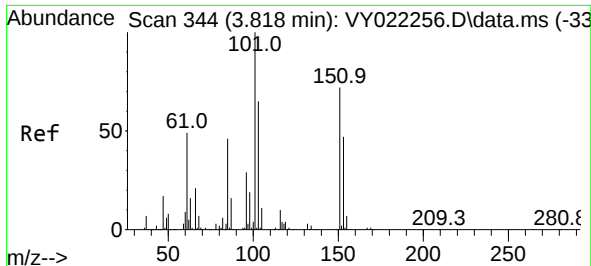
Tgt Ion:101 Resp: 229841
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 57.015 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 57553
Ion Ratio Lower Upper
74 100
45 91.3 48.6 145.8

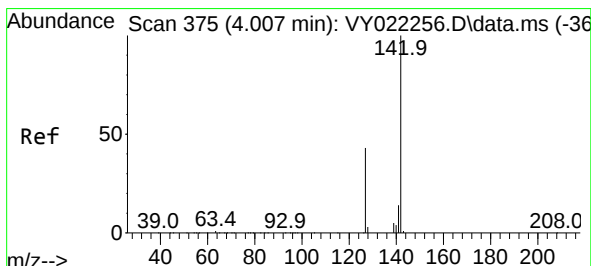
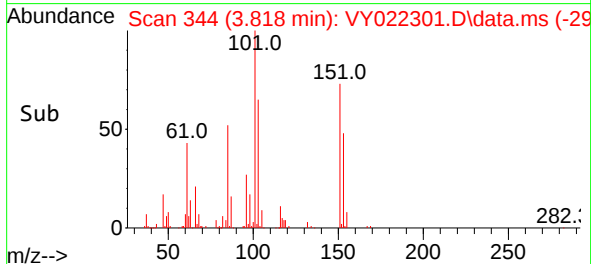
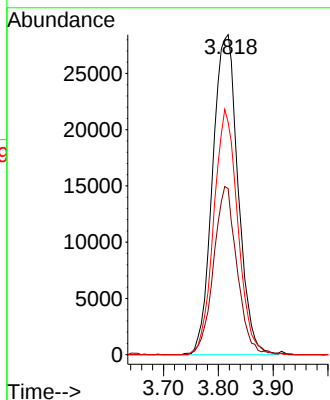
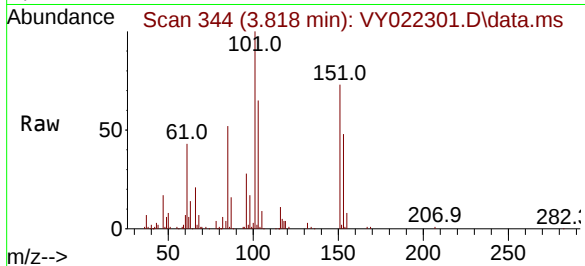




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.304 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

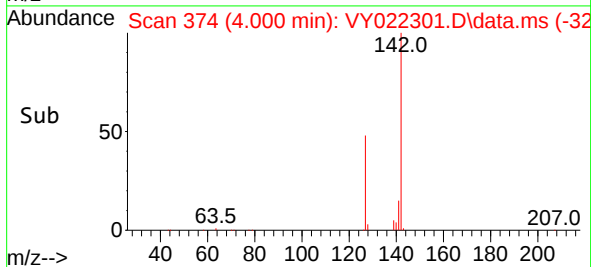
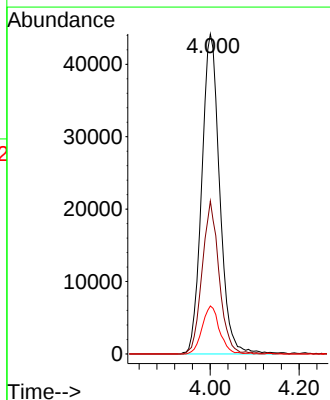
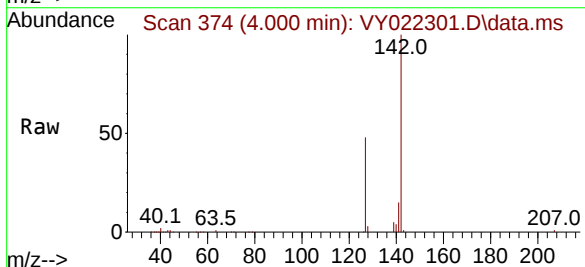
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

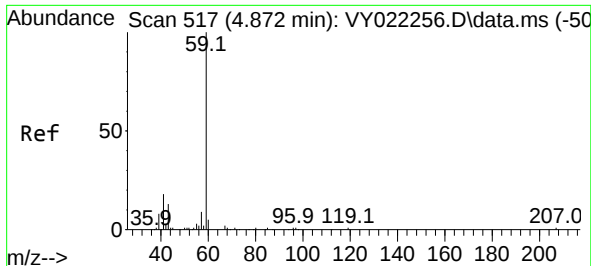
Tgt Ion:	101	Resp:	91858
Ion	Ratio	Lower	Upper
101	100		
85	48.3	38.6	58.0
151	72.4	59.7	89.5



#10
Methyl Iodide
Concen: 58.800 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion:	142	Resp:	124272
Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.7	53.5
141	14.6	11.1	16.7

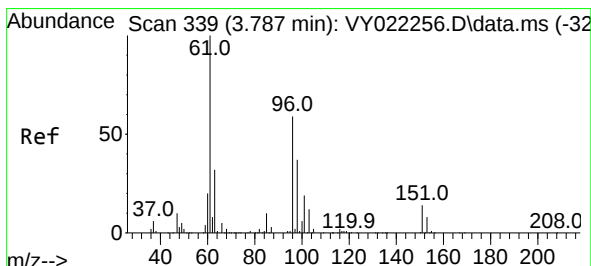
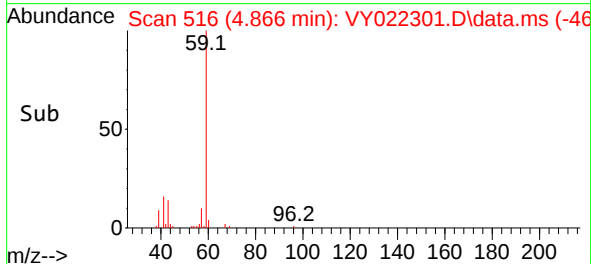
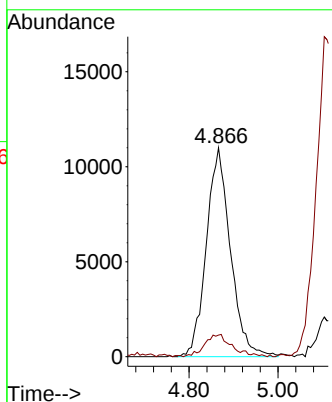
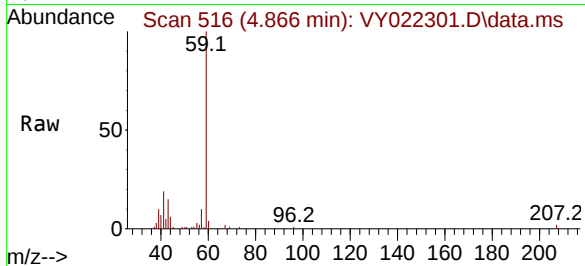




#11
Tert butyl alcohol
Concen: 293.143 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

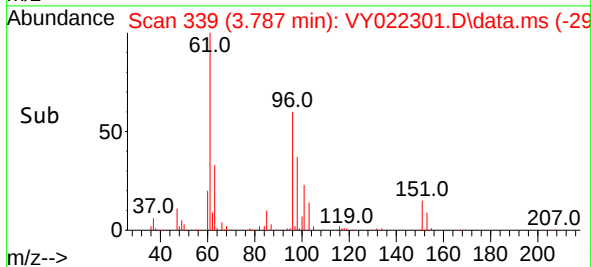
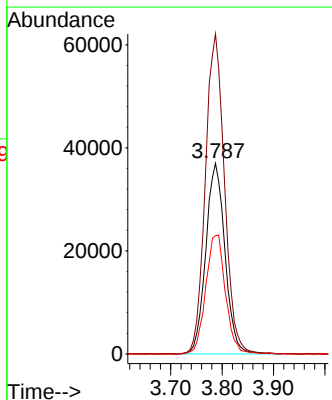
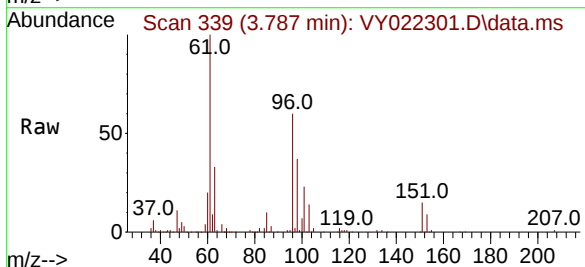
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

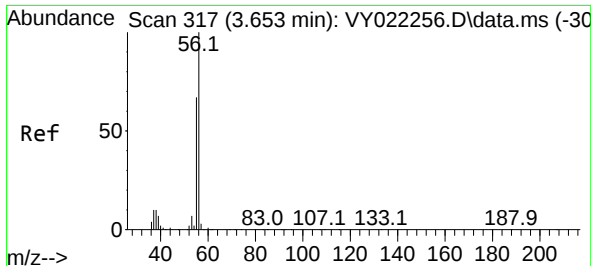
Tgt Ion: 59 Resp: 41446
Ion Ratio Lower Upper
59 100
57 10.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.144 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 96 Resp: 96302
Ion Ratio Lower Upper
96 100
61 167.7 134.9 202.3
98 62.0 49.9 74.9





#13

Acrolein

Concen: 221.842 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

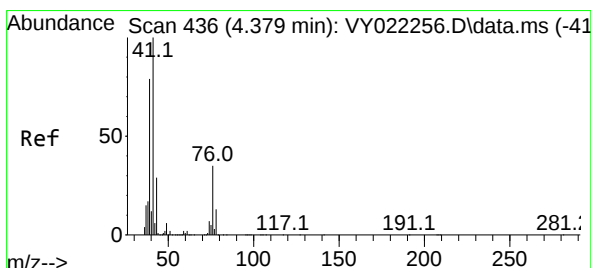
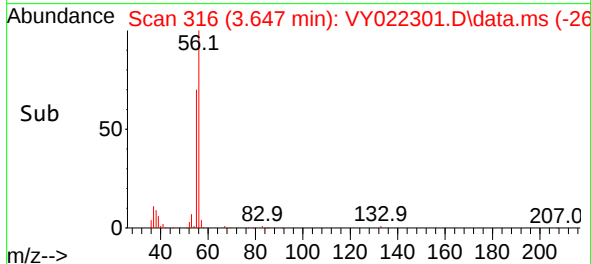
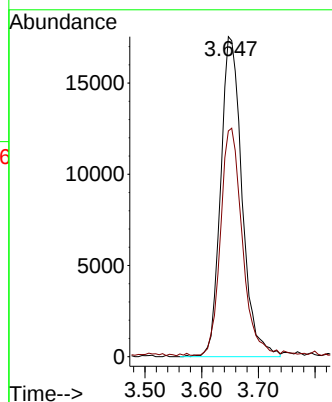
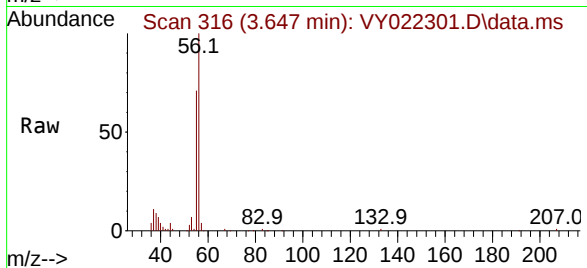
VSTDCCC050EC

Tgt Ion: 56 Resp: 45853

Ion Ratio Lower Upper

56 100

55 71.9 55.6 83.4



#14

Allyl chloride

Concen: 50.390 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

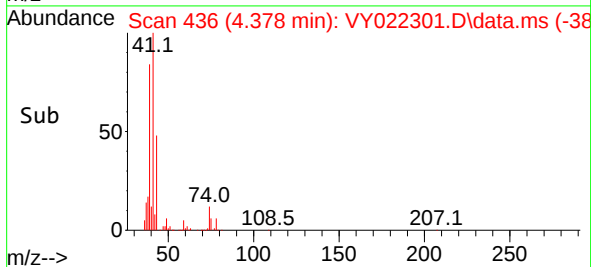
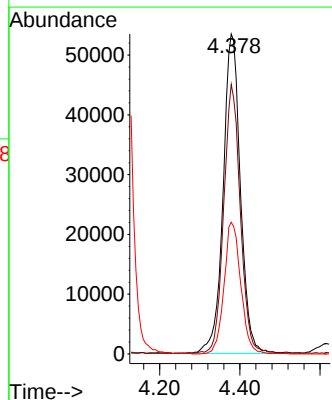
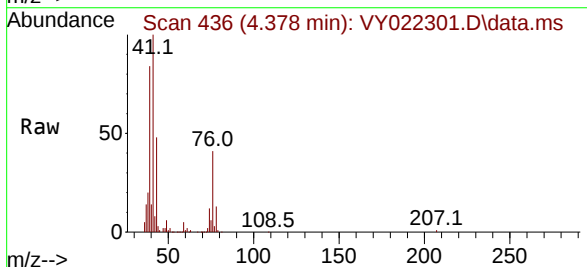
Tgt Ion: 41 Resp: 160107

Ion Ratio Lower Upper

41 100

39 80.8 63.4 95.0

76 39.8 29.5 44.3

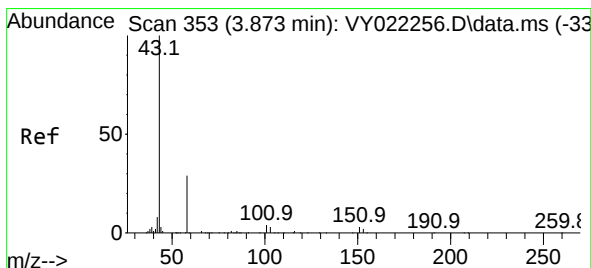
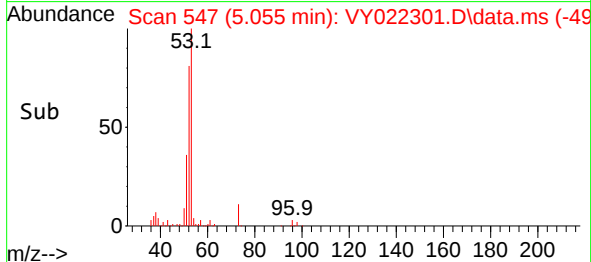
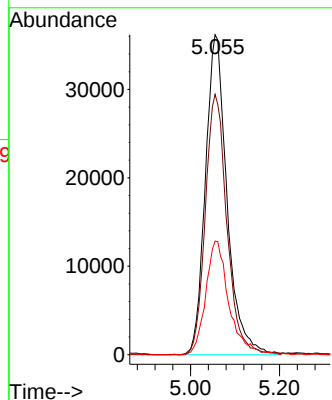
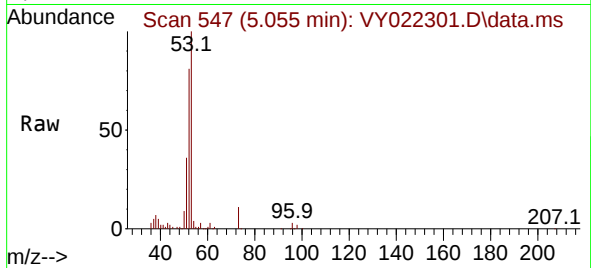




#15
Acrylonitrile
Concen: 294.229 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

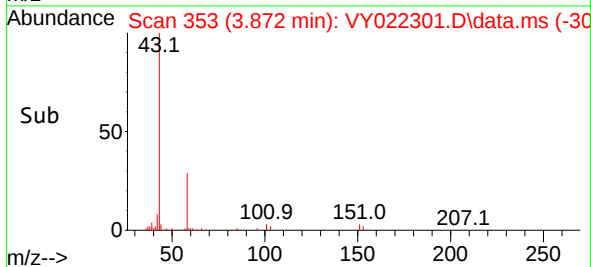
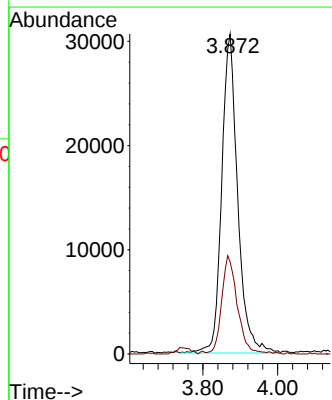
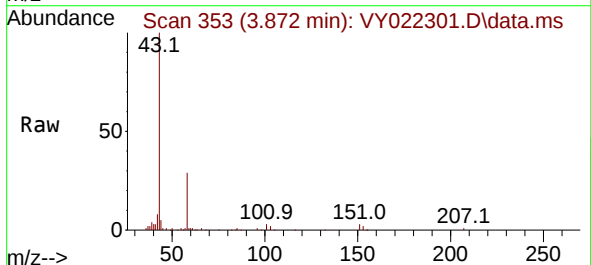
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 122379
Ion Ratio Lower Upper
53 100
52 81.6 66.1 99.1
51 38.0 30.0 45.0



#16
Acetone
Concen: 261.381 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 43 Resp: 90742
Ion Ratio Lower Upper
43 100
58 28.6 23.6 35.4





#17

Carbon Disulfide

Concen: 52.482 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

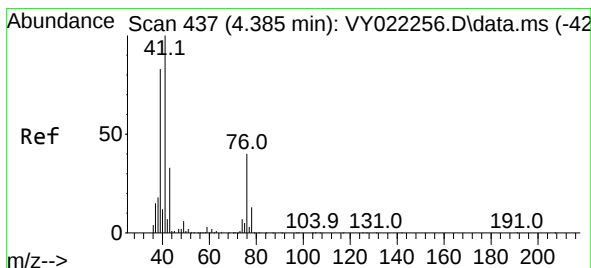
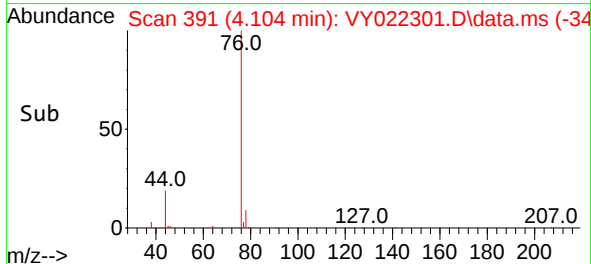
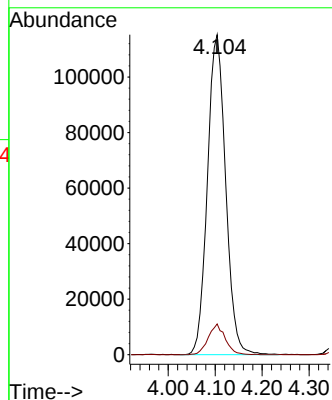
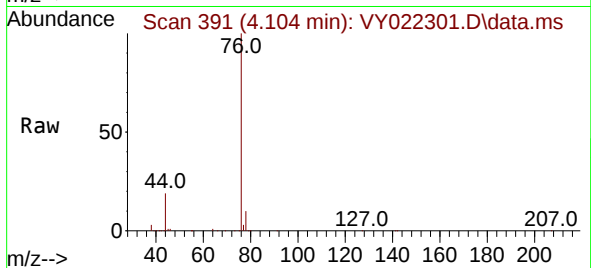
VSTDCCC050EC

Tgt Ion: 76 Resp: 310118

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 72.098 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY022301.D

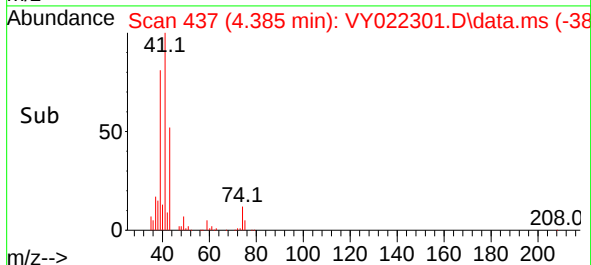
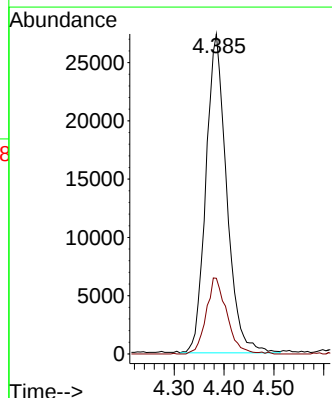
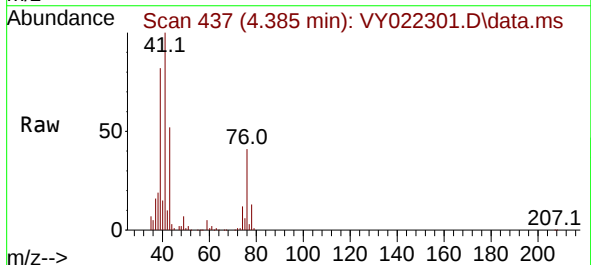
Acq: 16 May 2025 19:29

Tgt Ion: 43 Resp: 78917

Ion Ratio Lower Upper

43 100

74 24.0 18.2 27.4

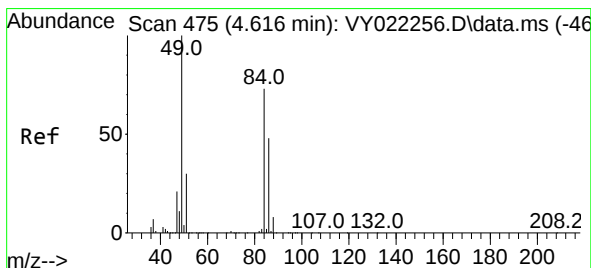
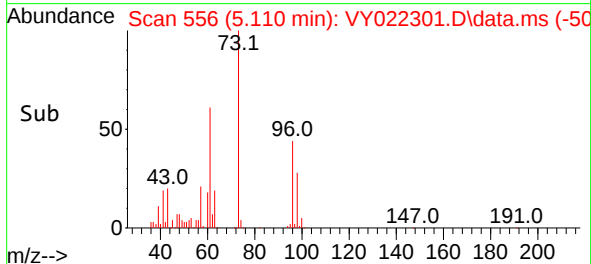
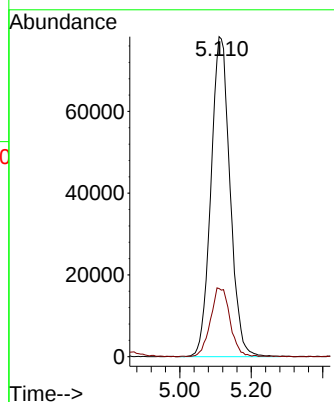
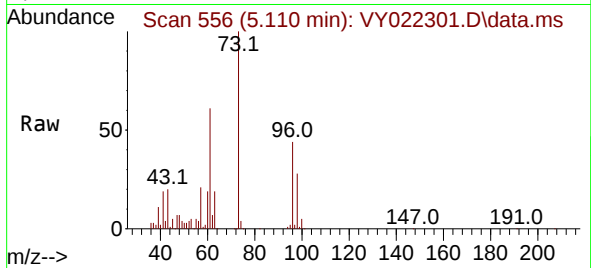




#19
Methyl tert-butyl Ether
Concen: 57.942 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

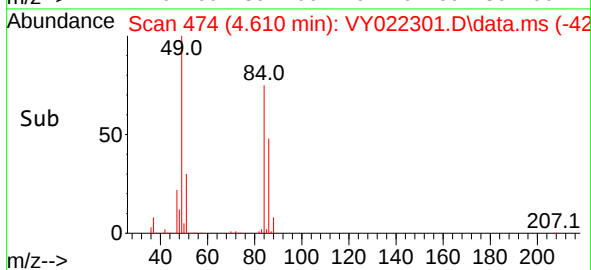
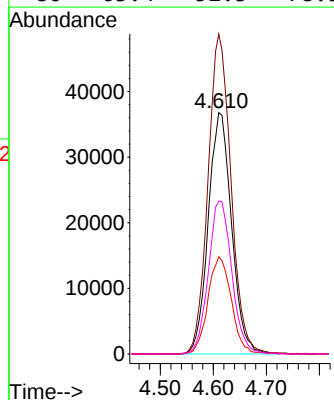
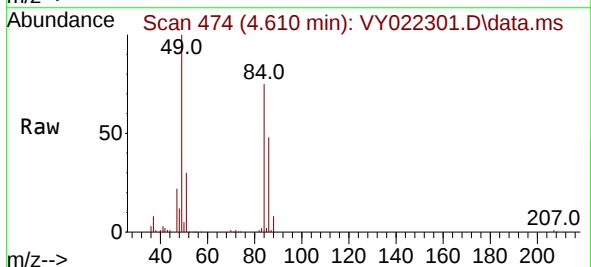
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 289508
Ion Ratio Lower Upper
73 100
57 21.2 18.6 28.0



#20
Methylene Chloride
Concen: 50.040 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 84 Resp: 112252
Ion Ratio Lower Upper
84 100
49 132.5 109.6 164.4
51 40.2 32.4 48.6
86 63.4 52.3 78.5

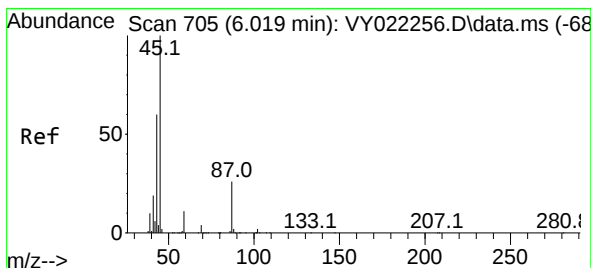
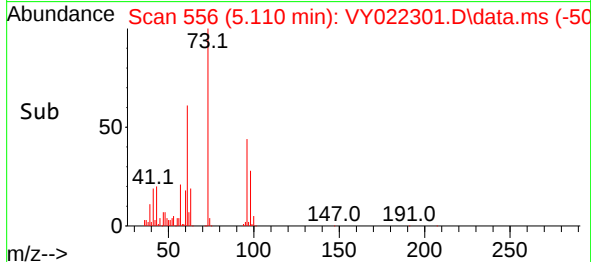
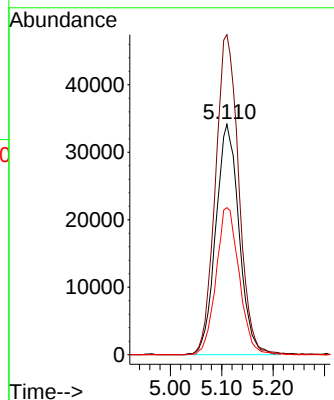
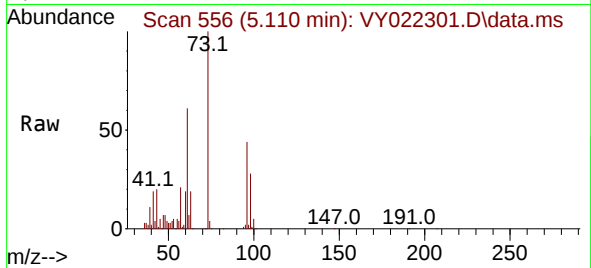




#21
trans-1,2-Dichloroethene
Concen: 53.696 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

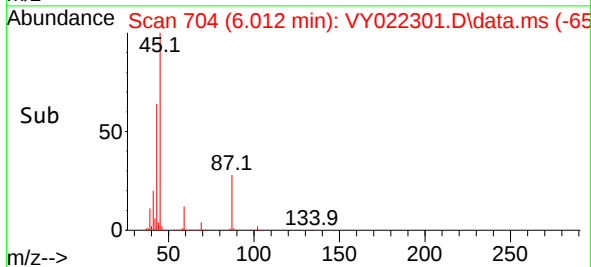
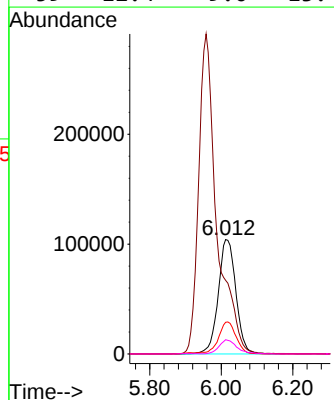
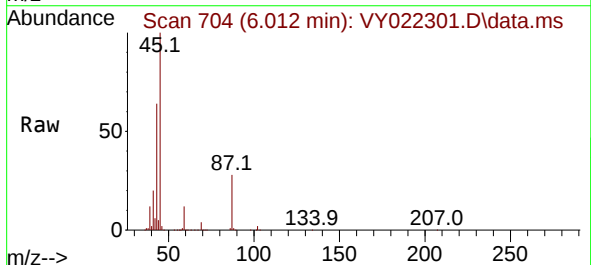
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 107400
Ion Ratio Lower Upper
96 100
61 138.9 113.4 170.0
98 63.8 50.9 76.3



#22
Diisopropyl ether
Concen: 53.264 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 45 Resp: 357394
Ion Ratio Lower Upper
45 100
43 64.1 48.2 72.2
87 27.7 21.4 32.0
59 12.4 9.0 13.4

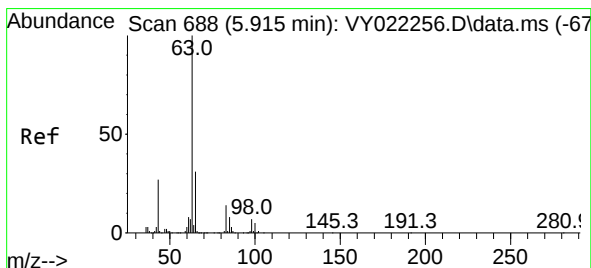
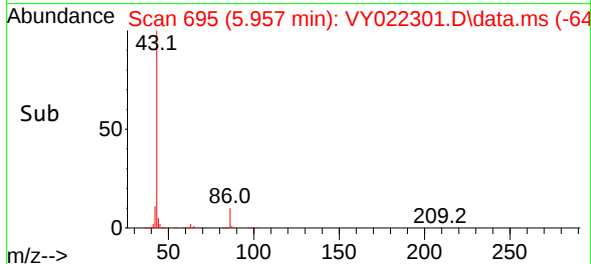
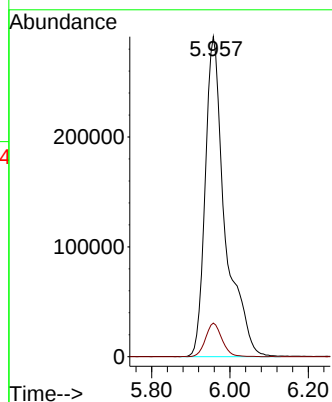
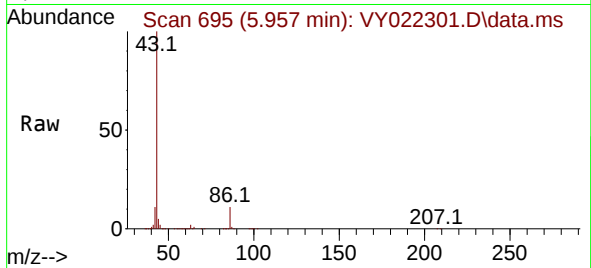




#23
 Vinyl Acetate
 Concen: 252.608 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

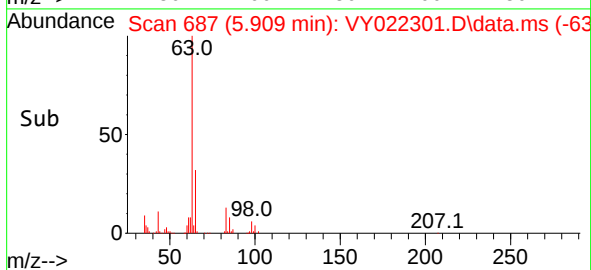
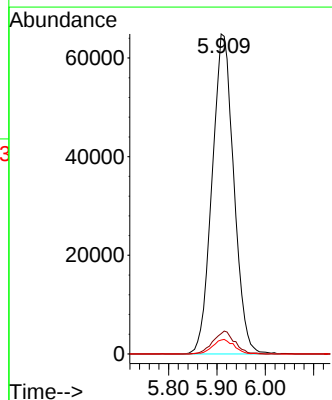
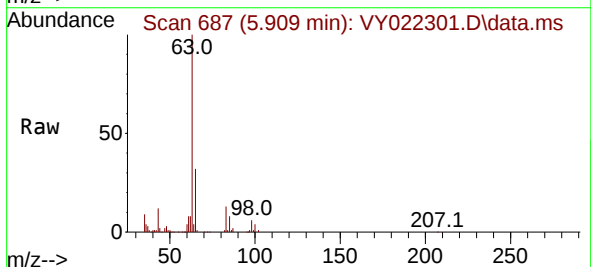
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

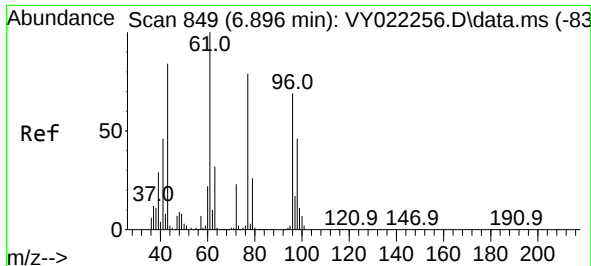
Tgt Ion: 43 Resp: 1023992
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.998 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

Tgt Ion: 63 Resp: 202421
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.4 2.4 7.2

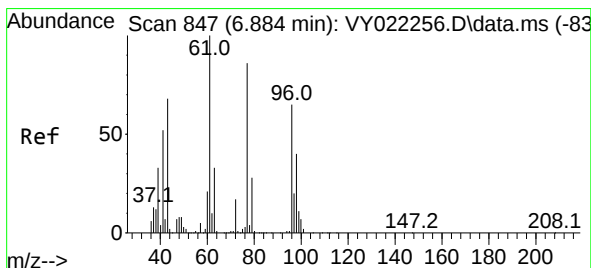
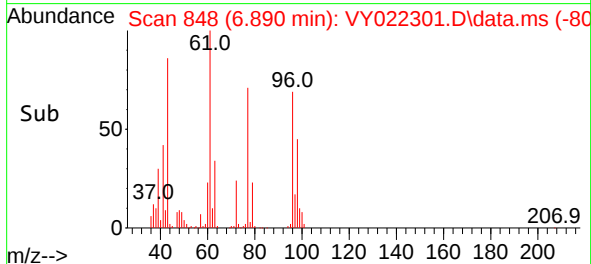
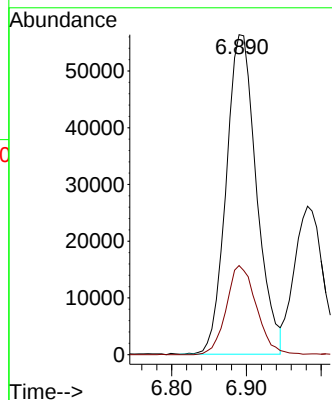
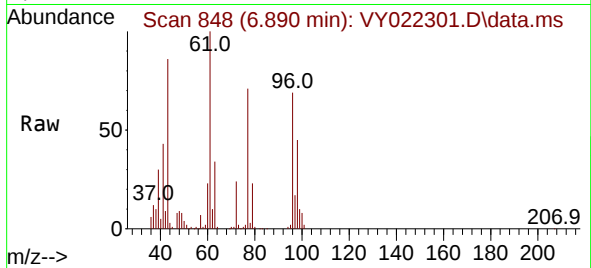




#25
2-Butanone
Concen: 273.834 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

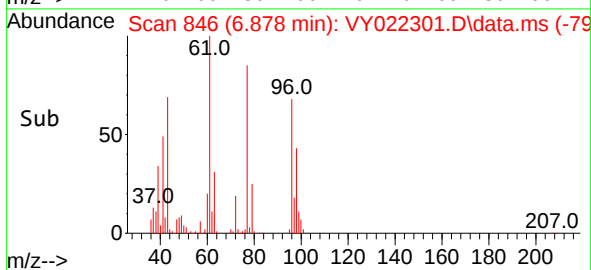
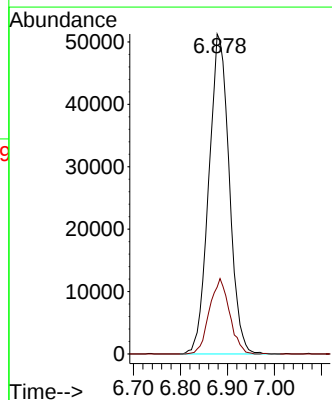
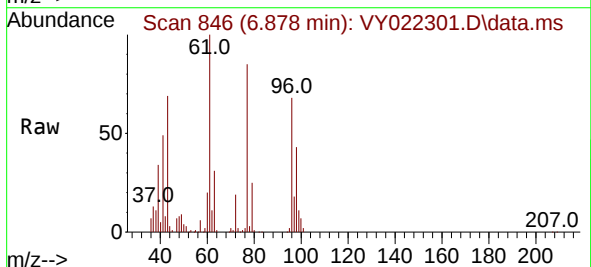
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

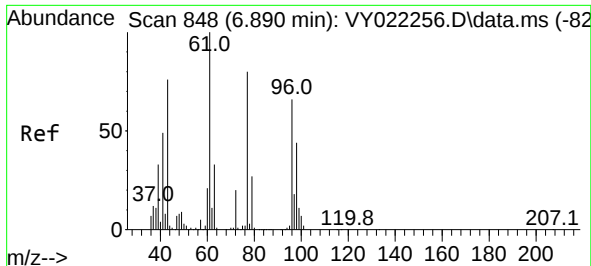
Tgt Ion: 43 Resp: 159016
Ion Ratio Lower Upper
43 100
72 27.9 22.1 33.1



#26
2,2-Dichloropropane
Concen: 46.353 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 77 Resp: 154549
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.5

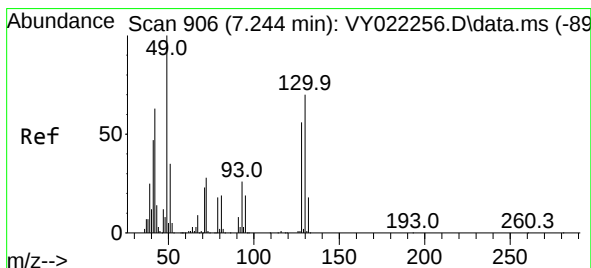
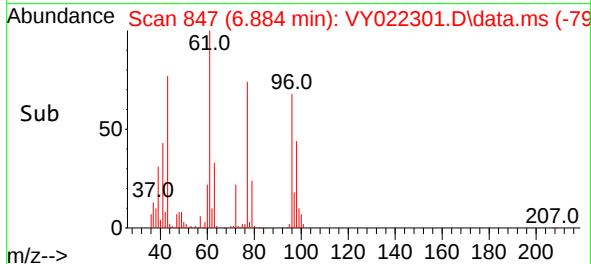
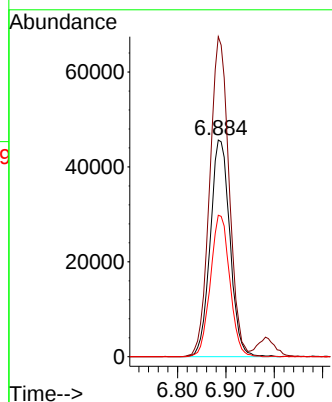
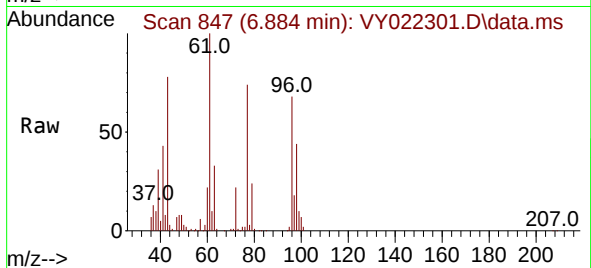




#27
cis-1,2-Dichloroethene
Concen: 55.900 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

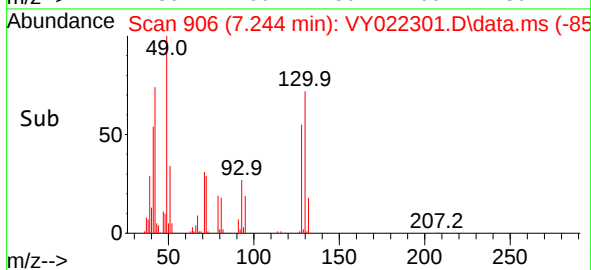
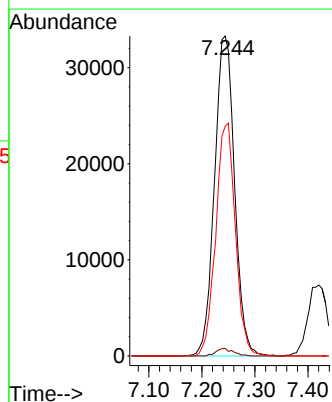
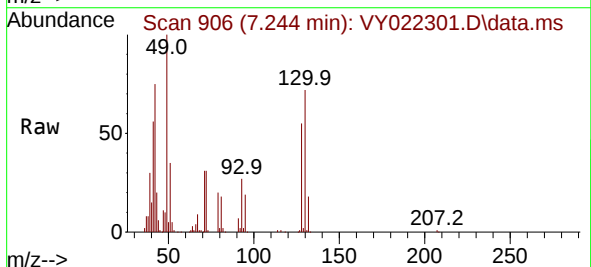
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

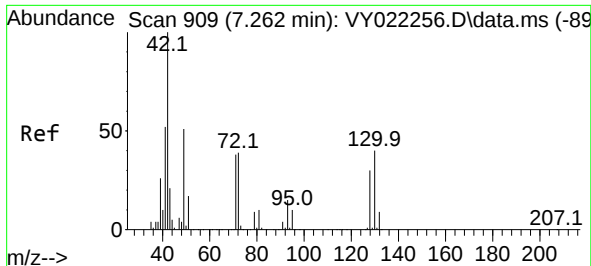
Tgt Ion: 96 Resp: 129025
Ion Ratio Lower Upper
96 100
61 145.1 0.0 302.6
98 64.1 0.0 128.8



#28
Bromochloromethane
Concen: 54.788 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 49 Resp: 87604
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.6
130 71.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 290.562 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

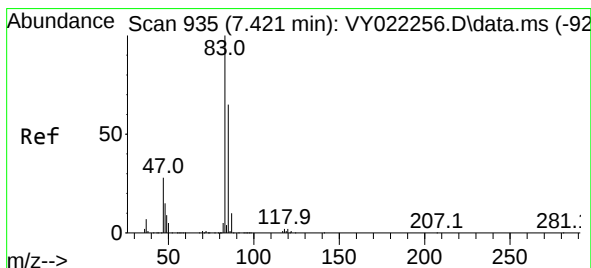
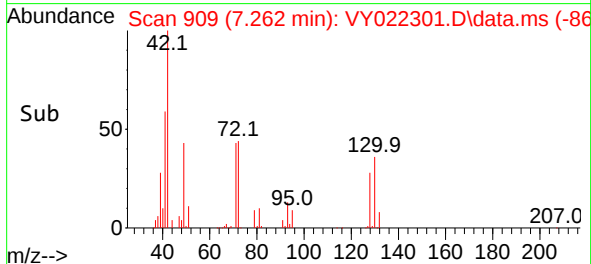
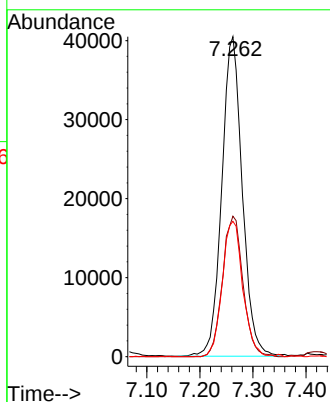
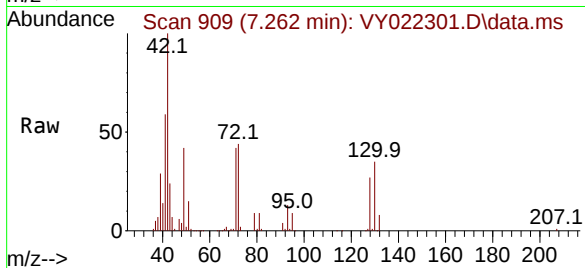
Tgt Ion: 42 Resp: 108553

Ion Ratio Lower Upper

42 100

72 44.1 33.8 50.6

71 42.5 31.5 47.3



#30

Chloroform

Concen: 56.301 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022301.D

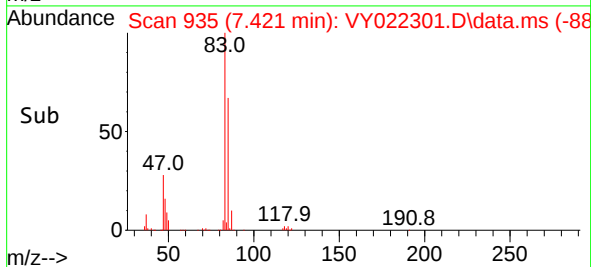
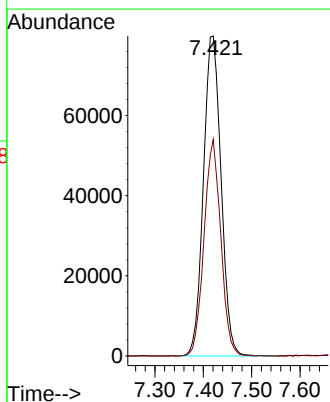
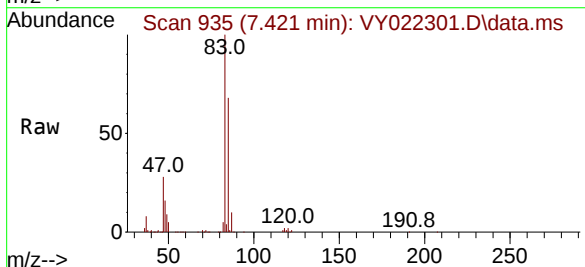
Acq: 16 May 2025 19:29

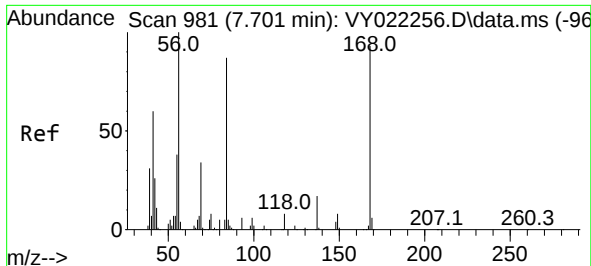
Tgt Ion: 83 Resp: 202440

Ion Ratio Lower Upper

83 100

85 67.7 51.8 77.8

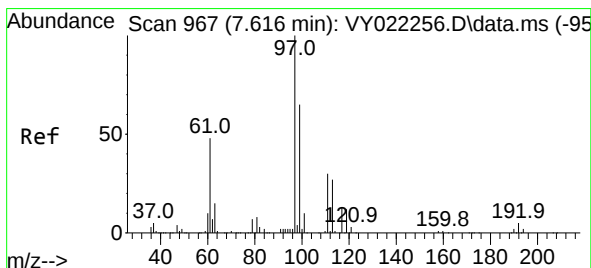
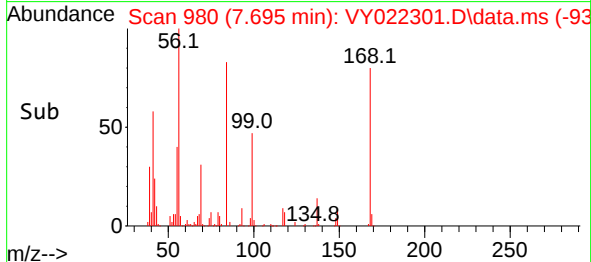
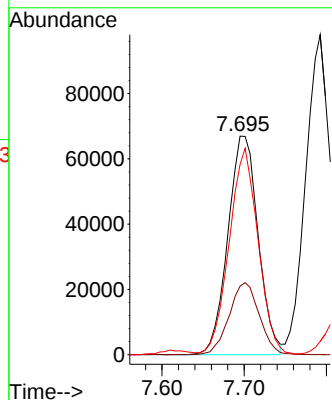
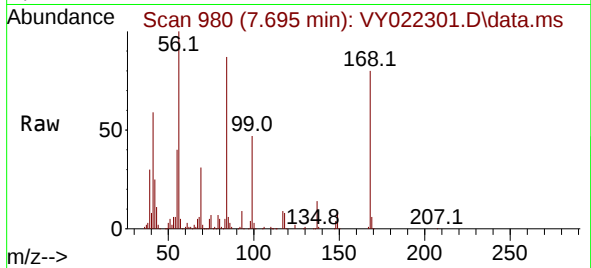




#31
Cyclohexane
Concen: 45.799 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

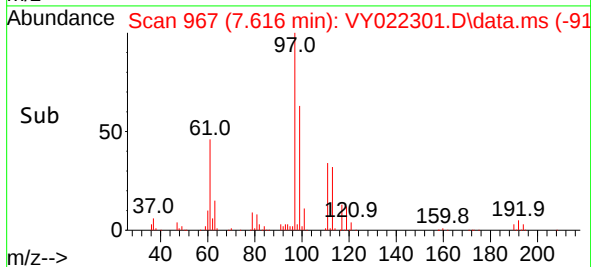
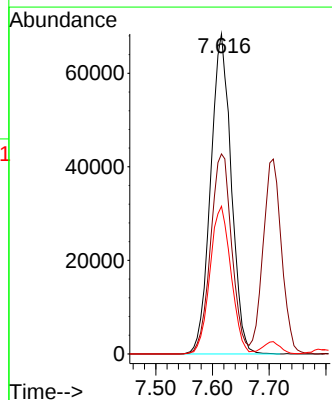
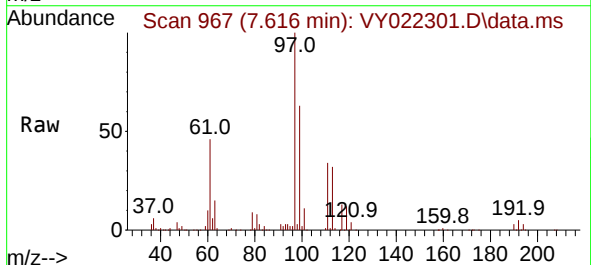
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

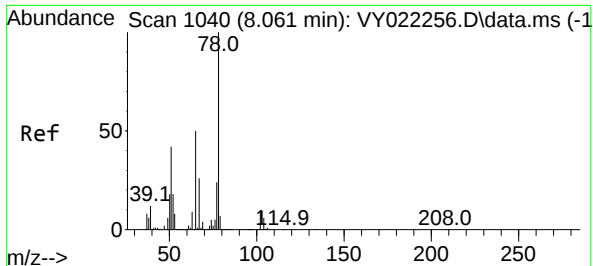
Tgt Ion: 56 Resp: 171539
Ion Ratio Lower Upper
56 100
69 31.3 27.4 41.2
84 85.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.300 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 97 Resp: 172530
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 47.3 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 56.783 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

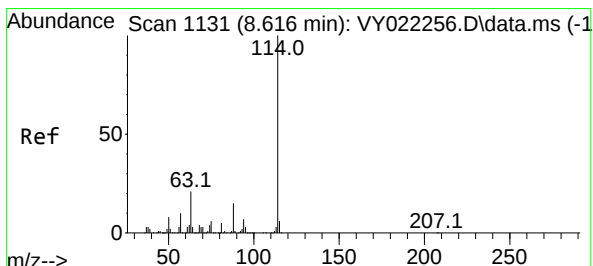
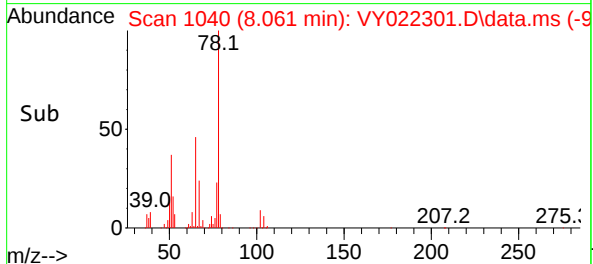
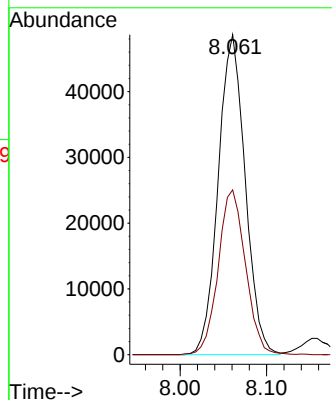
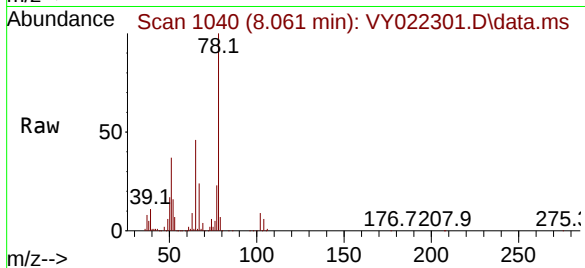
VSTDCCC050EC

Tgt Ion: 65 Resp: 105132

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

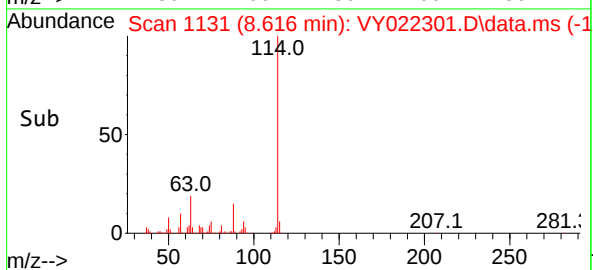
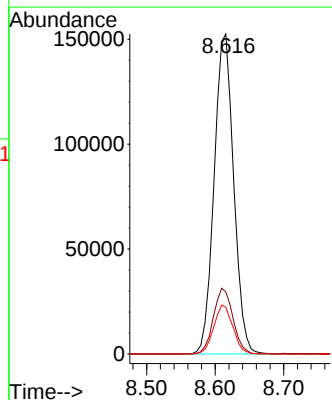
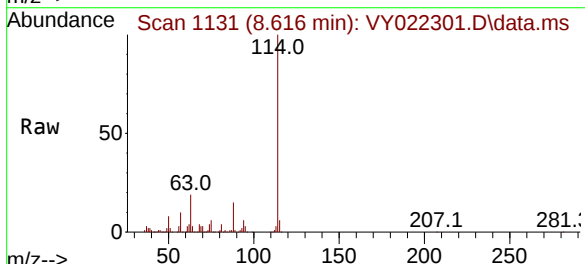
Tgt Ion: 114 Resp: 301400

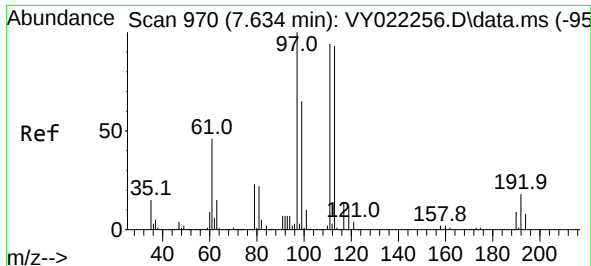
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 14.6 0.0 29.4

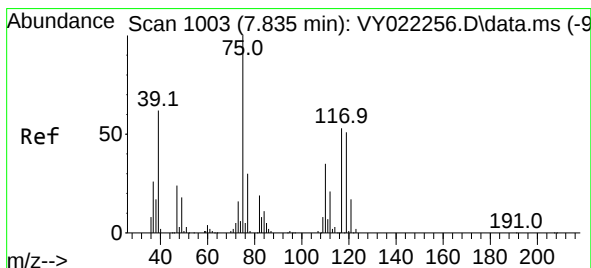
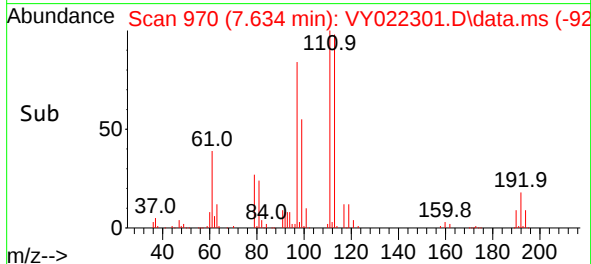
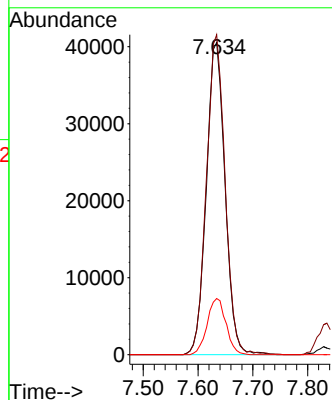
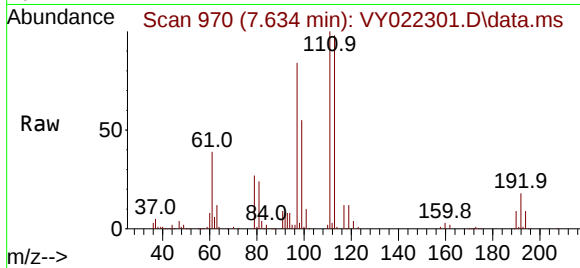




#35
Dibromofluoromethane
Concen: 53.347 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

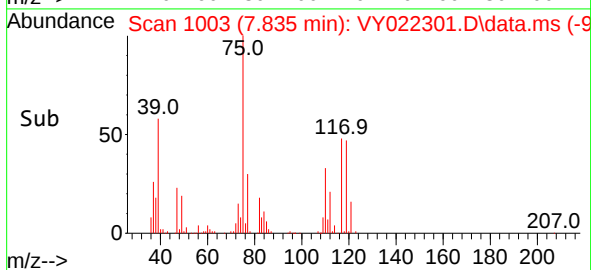
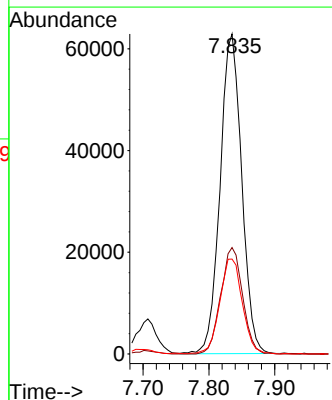
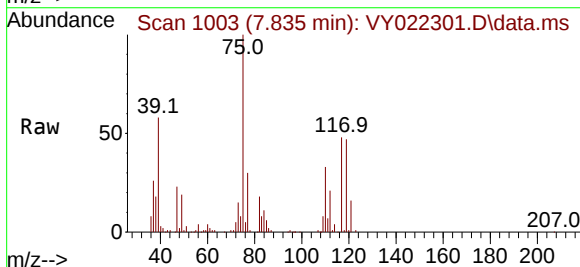
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

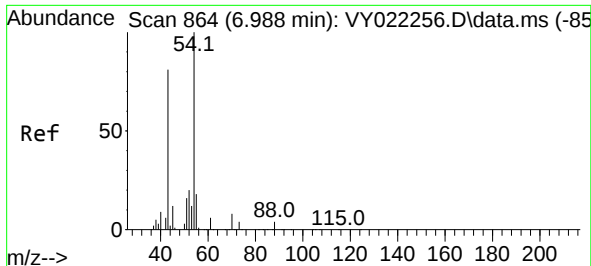
Tgt Ion:113 Resp: 95967
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 48.494 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 75 Resp: 143691
Ion Ratio Lower Upper
75 100
110 33.7 16.6 49.8
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 50.310 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

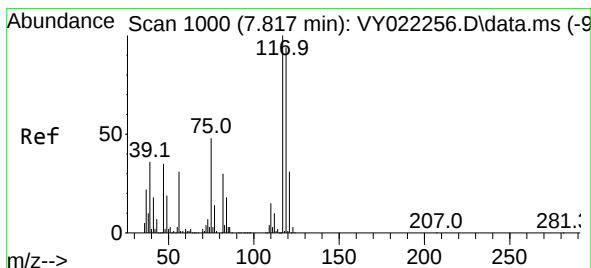
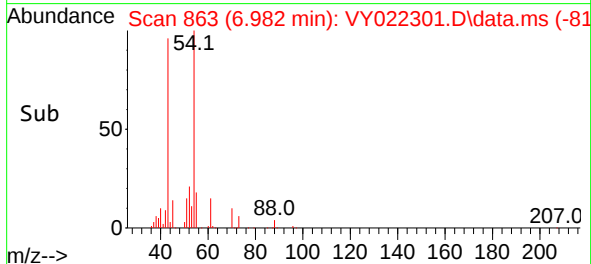
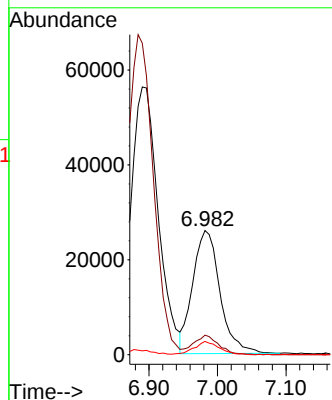
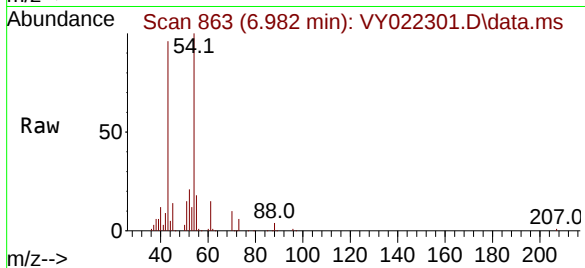
Tgt Ion: 43 Resp: 71726

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 48.210 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

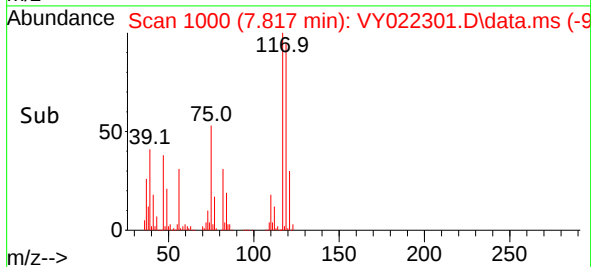
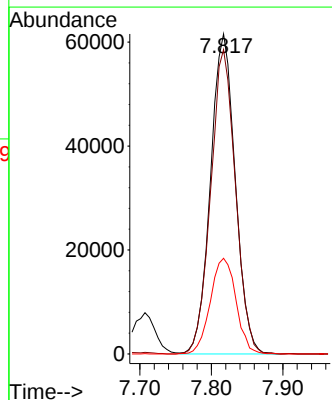
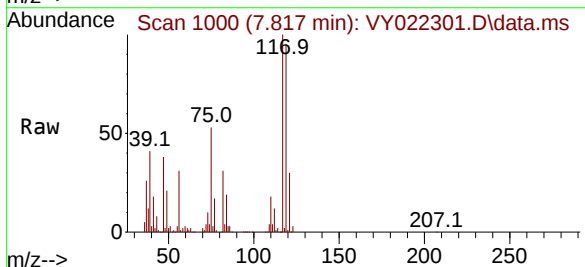
Tgt Ion: 117 Resp: 147865

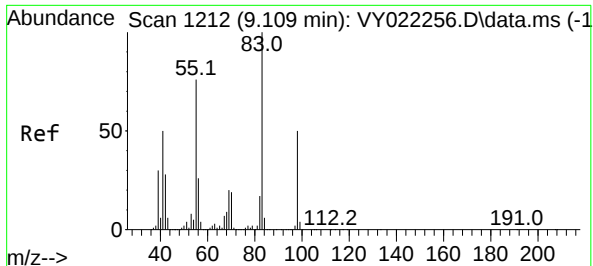
Ion Ratio Lower Upper

117 100

119 95.1 75.3 112.9

121 29.9 24.7 37.1





#39

Methylcyclohexane

Concen: 45.224 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

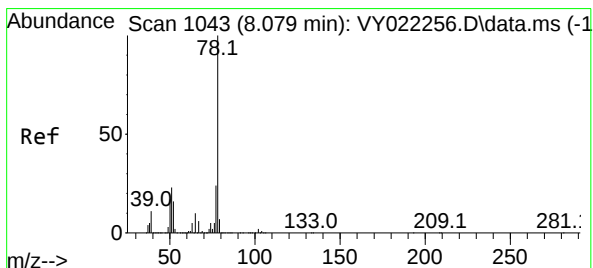
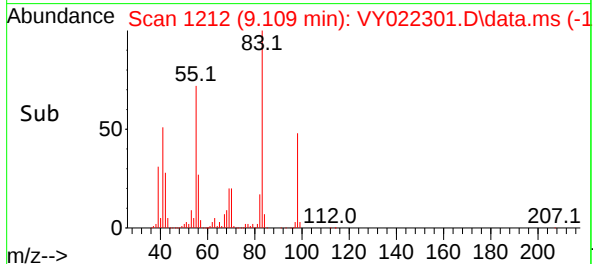
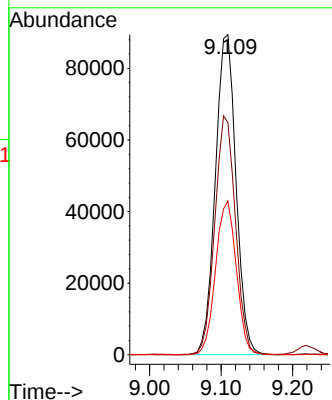
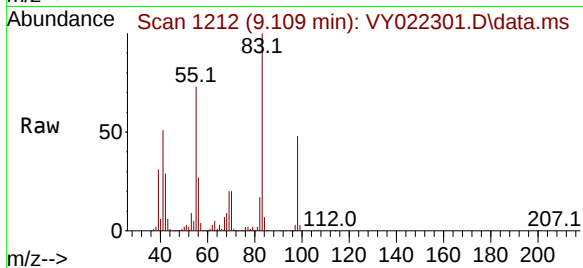
Tgt Ion: 83 Resp: 180031

Ion Ratio Lower Upper

83 100

55 72.6 60.6 90.8

98 48.0 40.0 60.0



#40

Benzene

Concen: 51.925 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022301.D

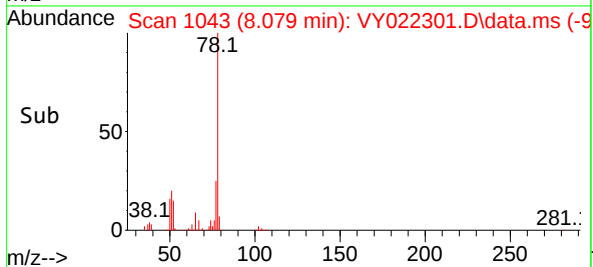
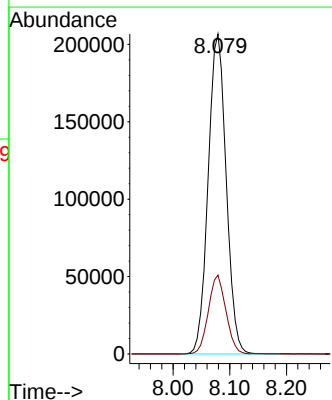
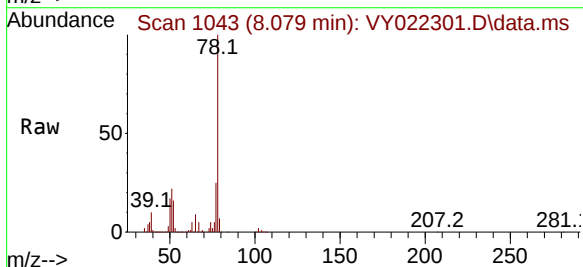
Acq: 16 May 2025 19:29

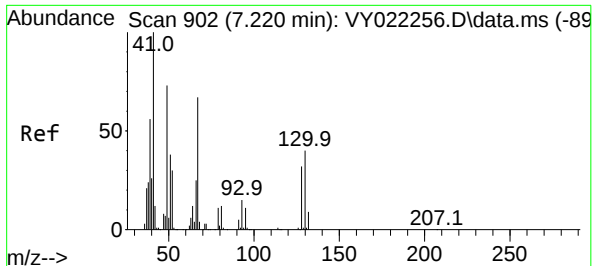
Tgt Ion: 78 Resp: 456109

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3

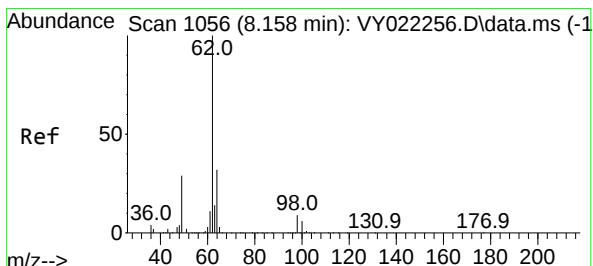
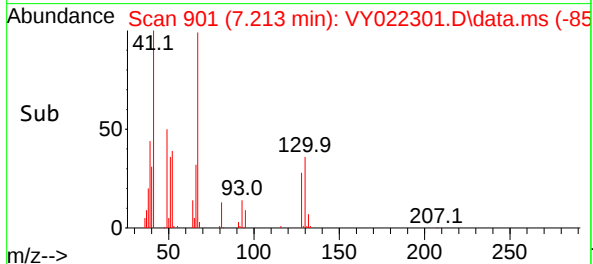
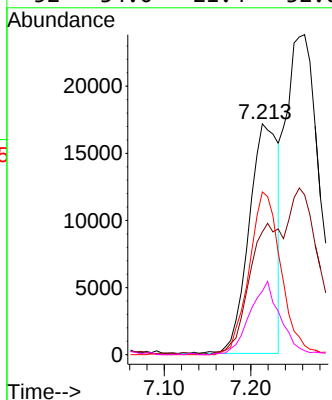
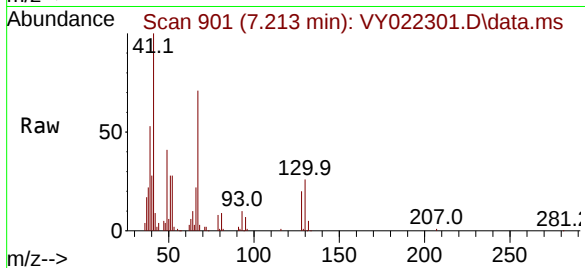




#41
Methacrylonitrile
Concen: 42.134 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

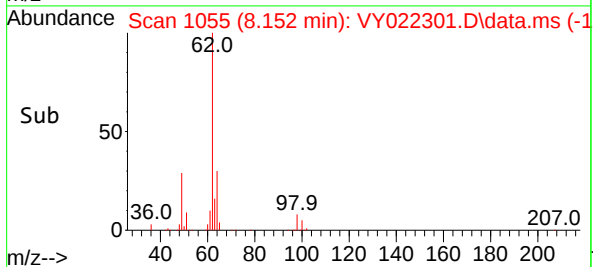
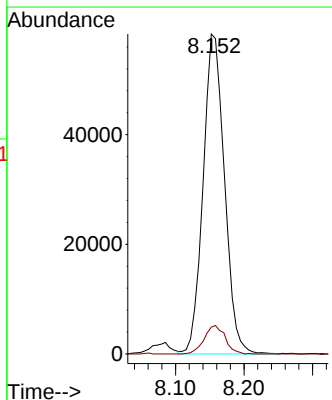
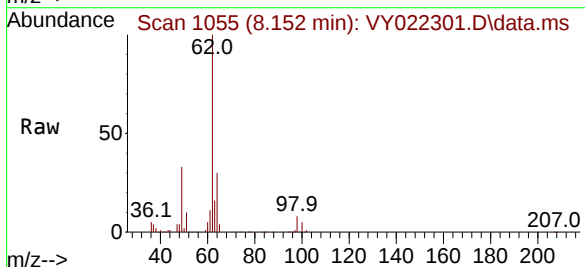
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

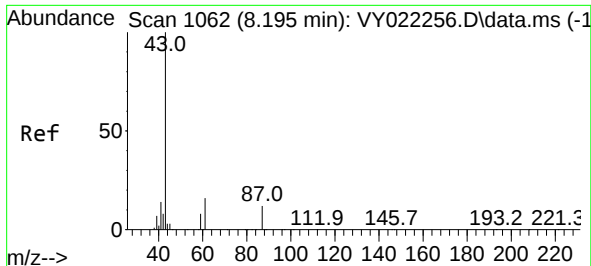
Tgt Ion:	41	Resp:	39846
Ion	Ratio	Lower	Upper
41	100		
39	65.5	39.1	58.7#
67	77.9	47.1	70.7#
52	34.0	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 53.352 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion:	62	Resp:	126733
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4

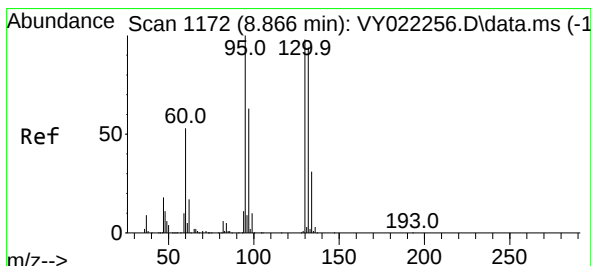
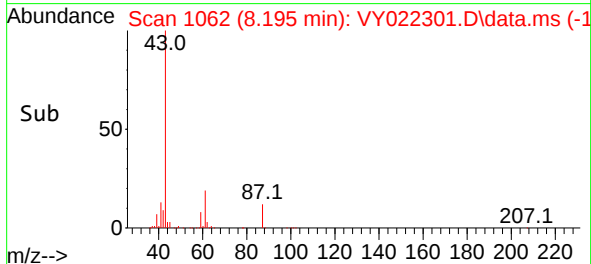
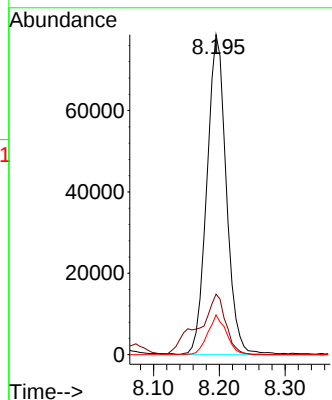
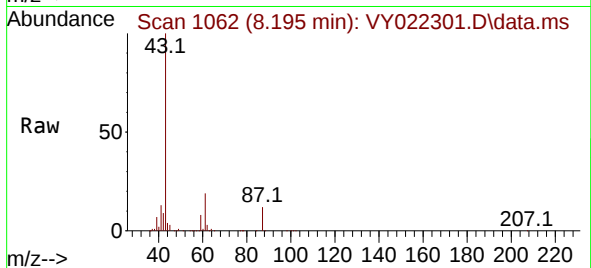




#43
Isopropyl Acetate
Concen: 51.797 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

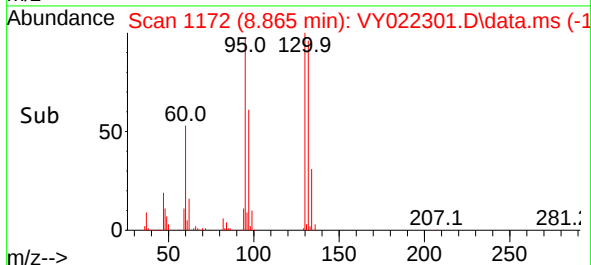
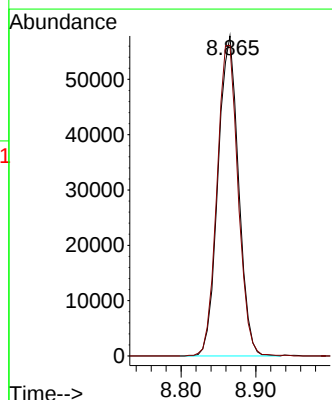
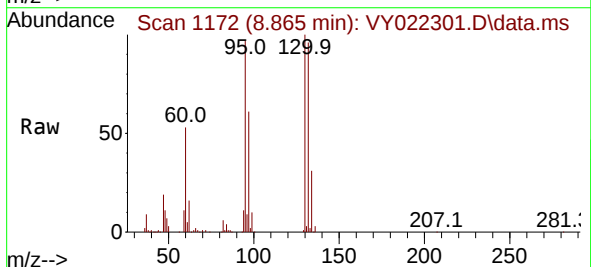
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 161047
Ion Ratio Lower Upper
43 100
61 26.7 15.1 22.7#
87 11.9 9.7 14.5



#44
Trichloroethene
Concen: 50.616 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion:130 Resp: 110550
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.8





#45

1,2-Dichloropropane

Concen: 51.337 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

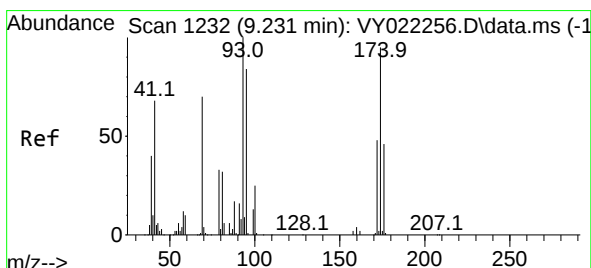
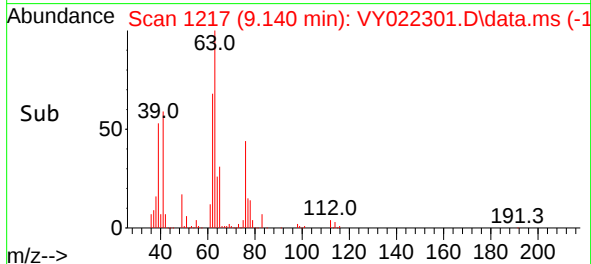
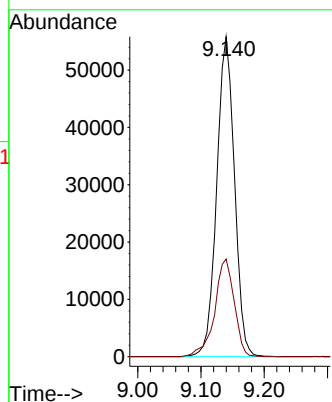
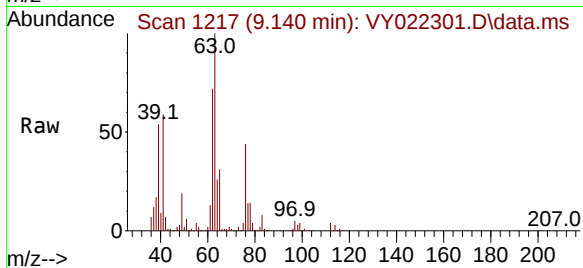
VSTDCCC050EC

Tgt Ion: 63 Resp: 108718

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 53.928 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

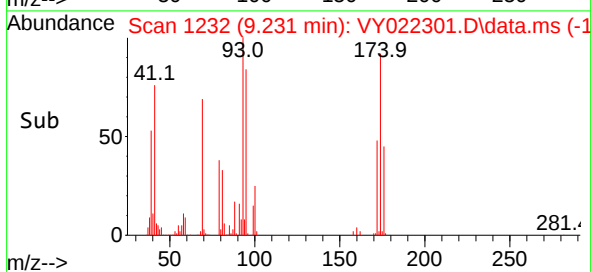
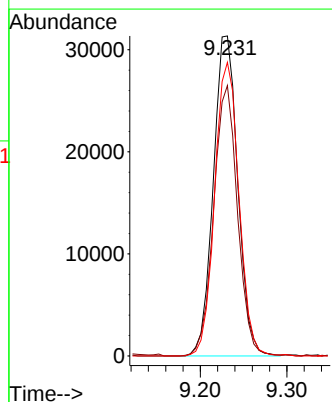
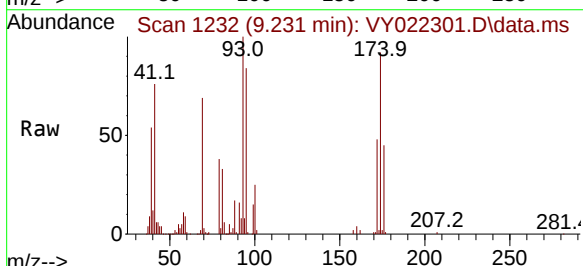
Tgt Ion: 93 Resp: 61598

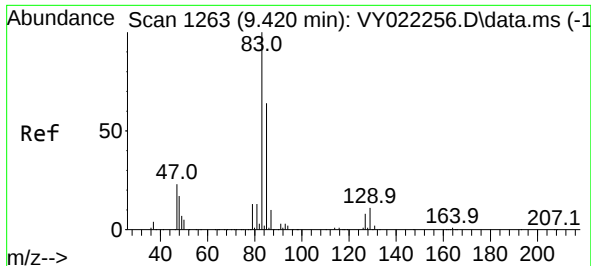
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 90.7 74.3 111.5

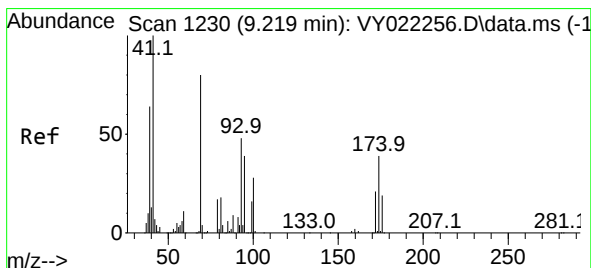
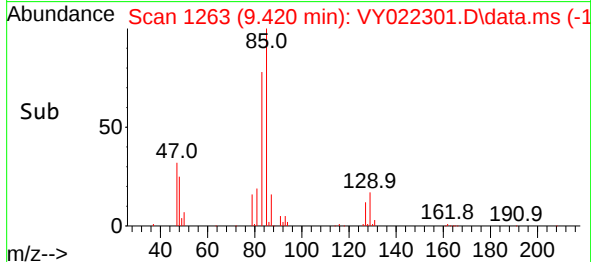
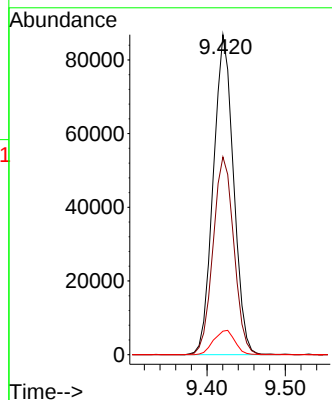
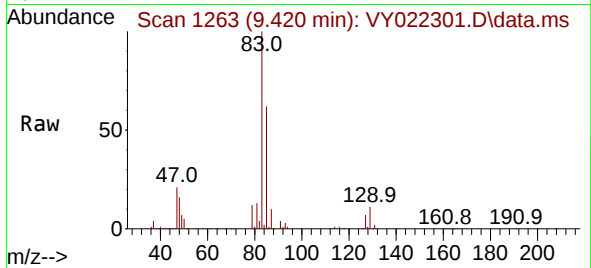




#47
Bromodichloromethane
Concen: 52.627 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

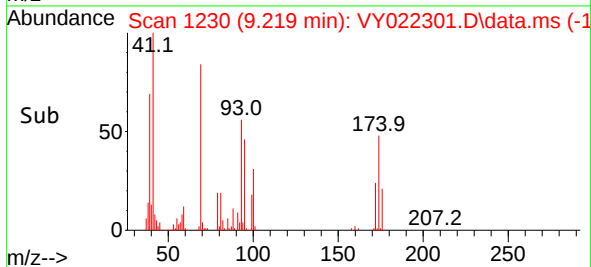
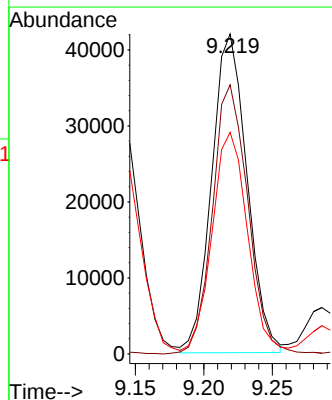
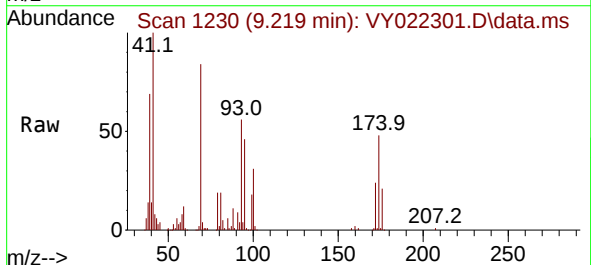
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

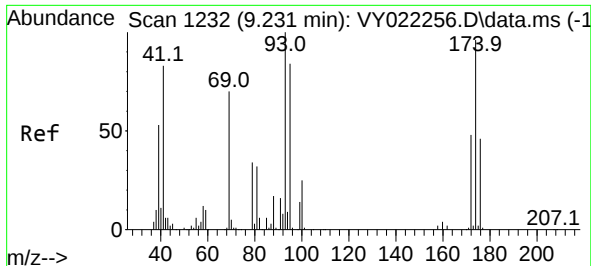
Tgt Ion: 83 Resp: 155944
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 7.4 6.6 10.0



#48
Methyl methacrylate
Concen: 51.751 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 41 Resp: 75248
Ion Ratio Lower Upper
41 100
69 84.7 63.5 95.3
39 67.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1116.500 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

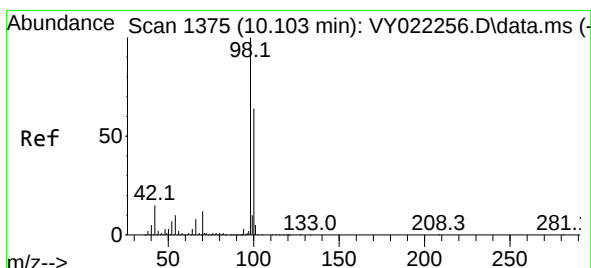
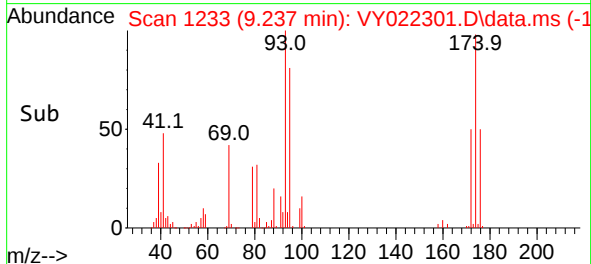
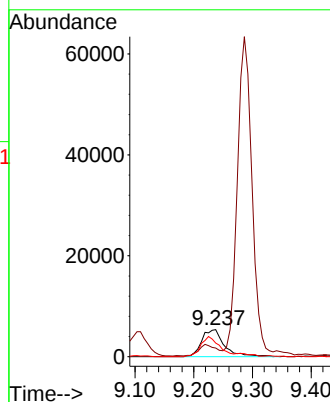
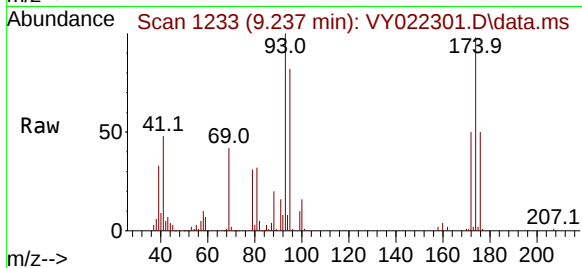
Tgt Ion: 88 Resp: 14407

Ion Ratio Lower Upper

88 100

43 34.0 28.5 42.7

58 60.6 61.4 92.2#



#50

Toluene-d8

Concen: 52.262 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022301.D

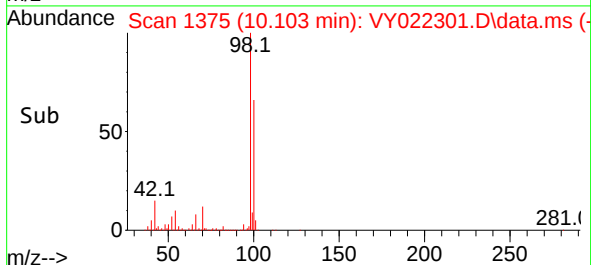
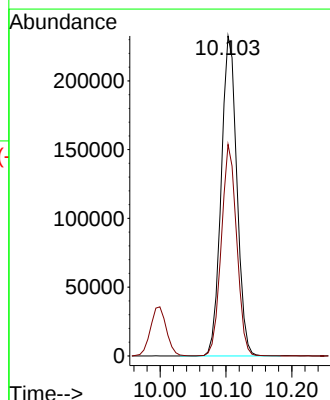
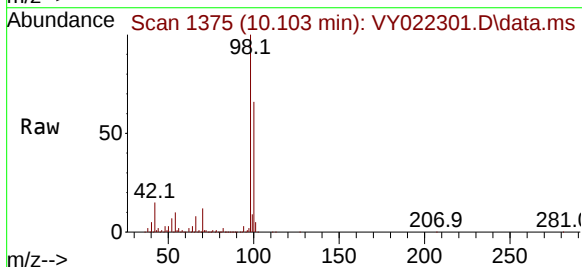
Acq: 16 May 2025 19:29

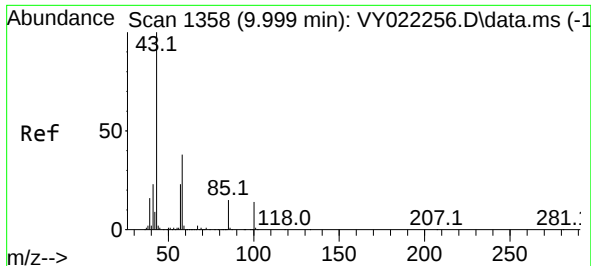
Tgt Ion: 98 Resp: 385048

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 270.195 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

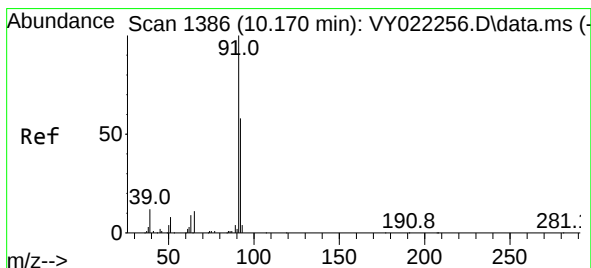
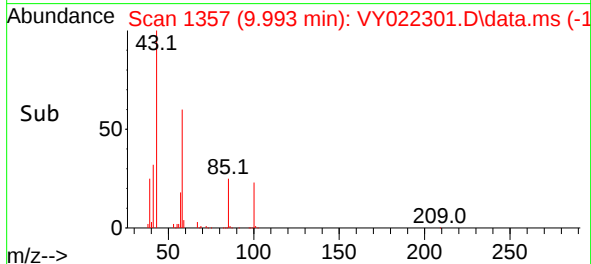
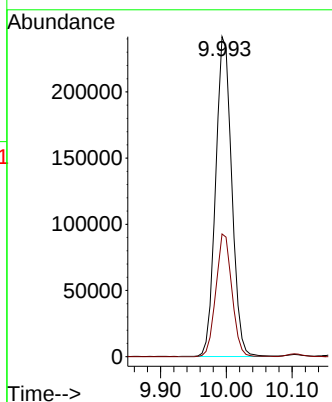
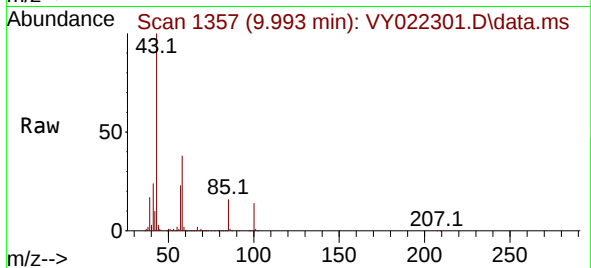
VSTDCCC050EC

Tgt Ion: 43 Resp: 412211

Ion Ratio Lower Upper

43 100

58 38.2 29.4 44.2



#52

Toluene

Concen: 51.150 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY022301.D

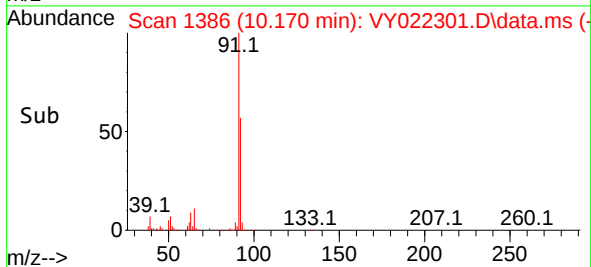
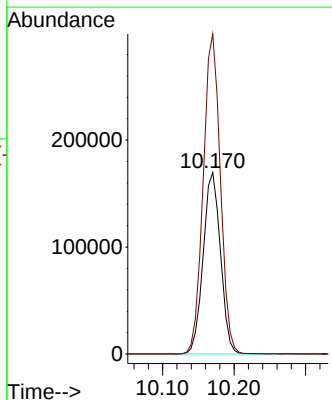
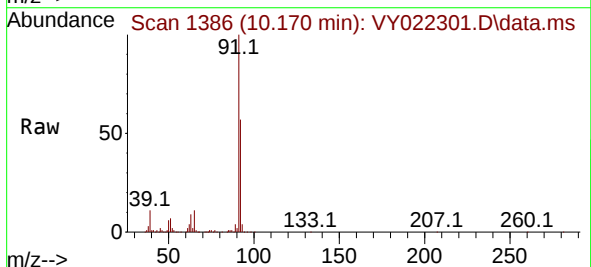
Acq: 16 May 2025 19:29

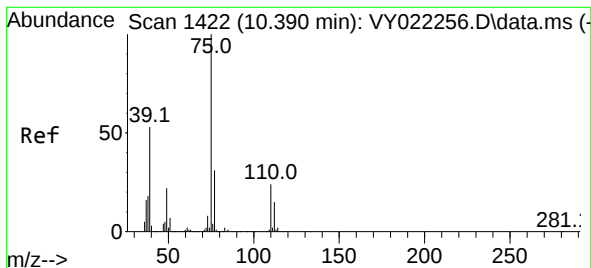
Tgt Ion: 92 Resp: 284515

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7

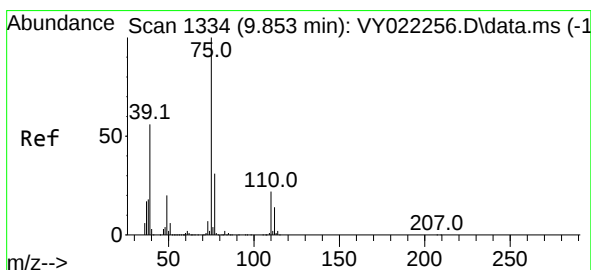
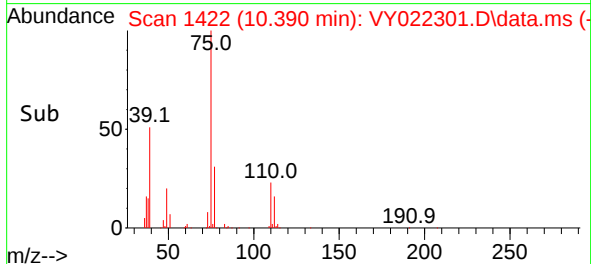
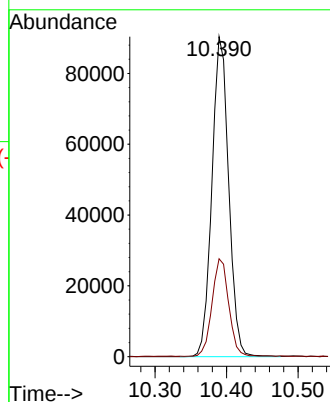
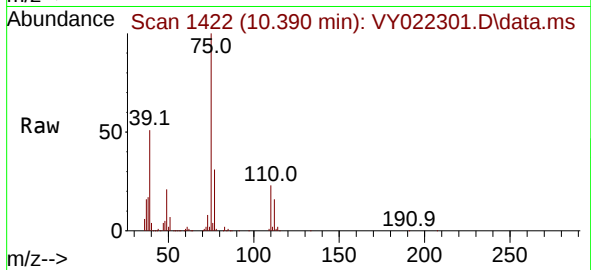




#53
t-1,3-Dichloropropene
Concen: 50.870 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

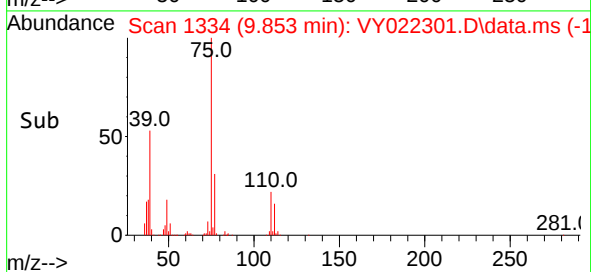
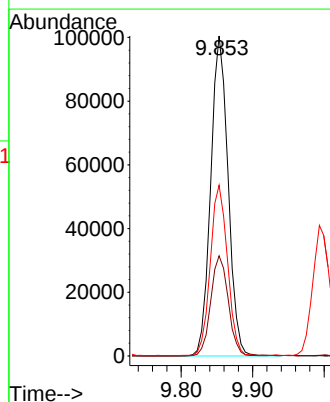
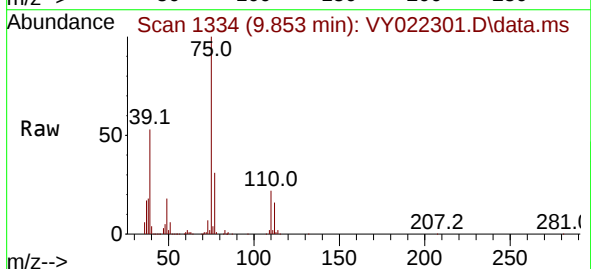
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

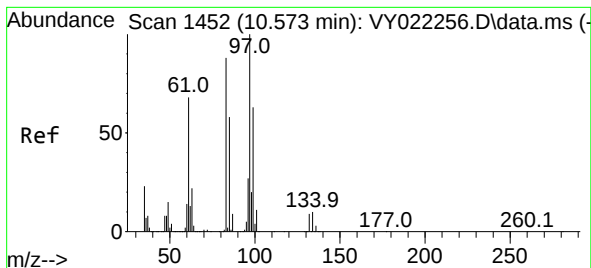
Tgt Ion: 75 Resp: 147108
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.085 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 75 Resp: 169256
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 53.2 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 53.400 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 78105

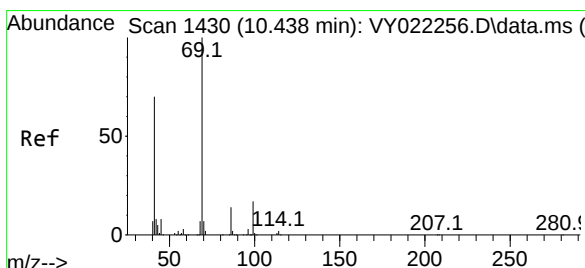
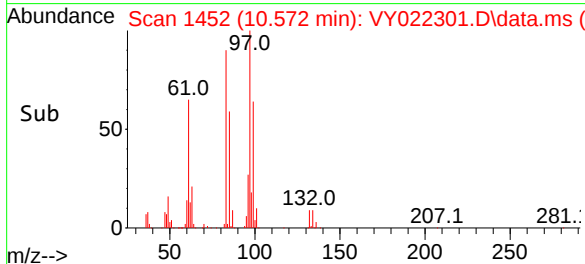
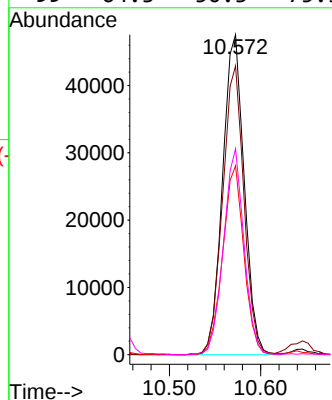
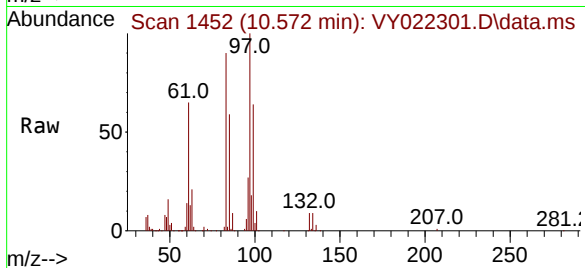
Ion Ratio Lower Upper

97 100

83 90.3 70.3 105.5

85 59.1 46.2 69.4

99 64.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.876 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

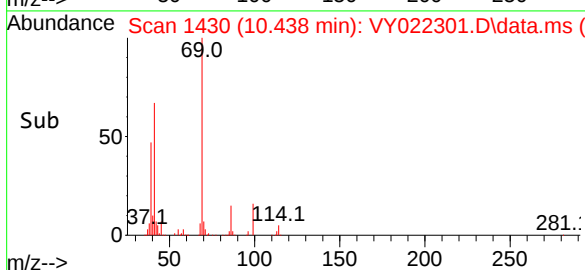
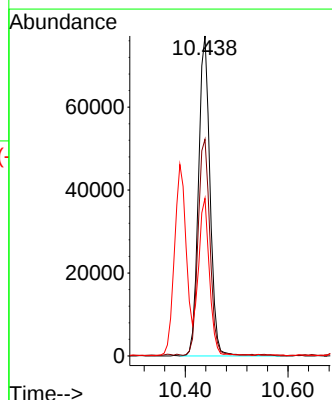
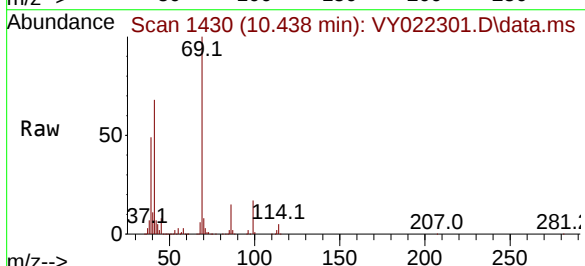
Tgt Ion: 69 Resp: 120471

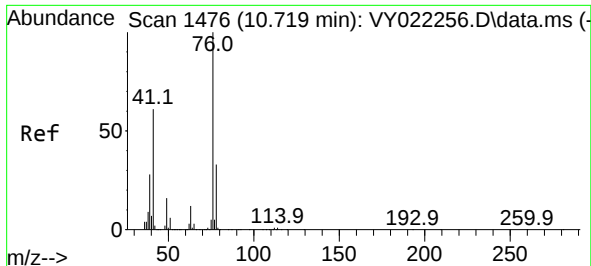
Ion Ratio Lower Upper

69 100

41 69.2 56.5 84.7

39 46.8 37.1 55.7





#57

1,3-Dichloropropane

Concen: 53.333 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

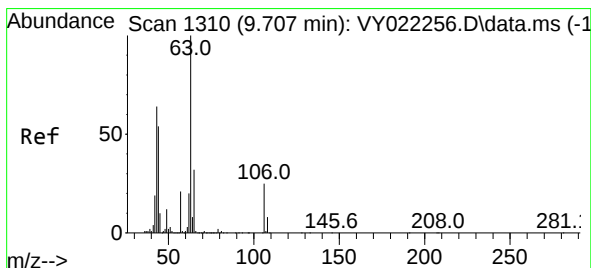
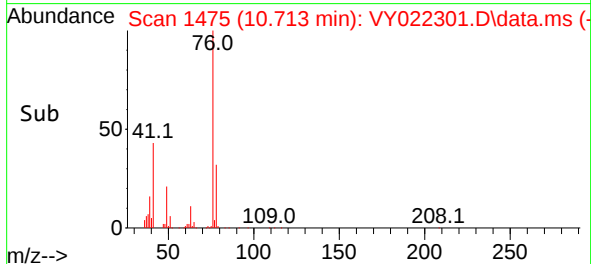
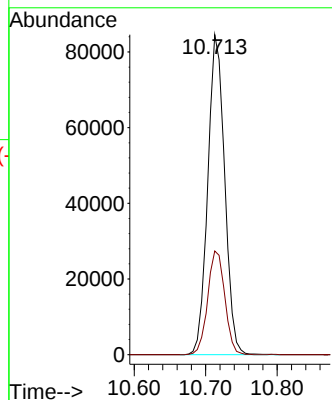
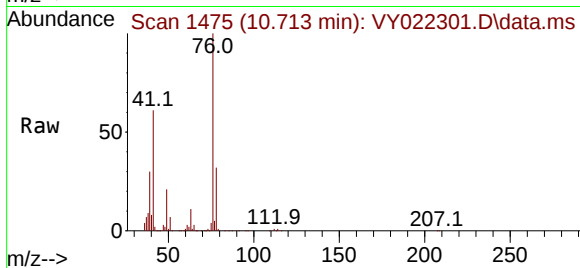
VSTDCCC050EC

Tgt Ion: 76 Resp: 138601

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 294.015 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022301.D

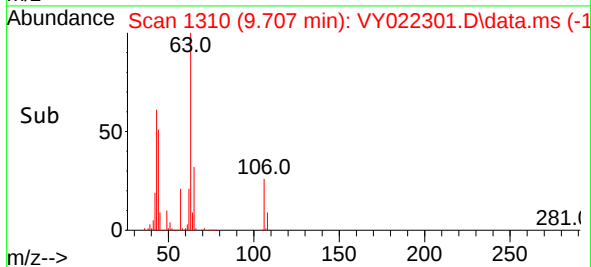
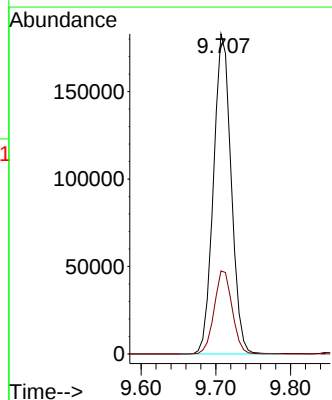
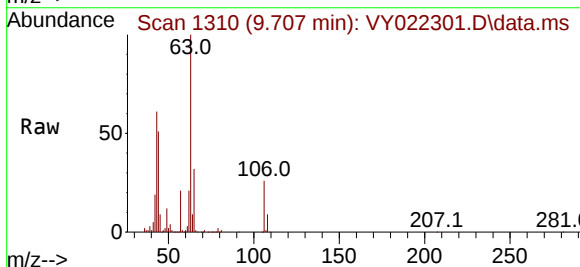
Acq: 16 May 2025 19:29

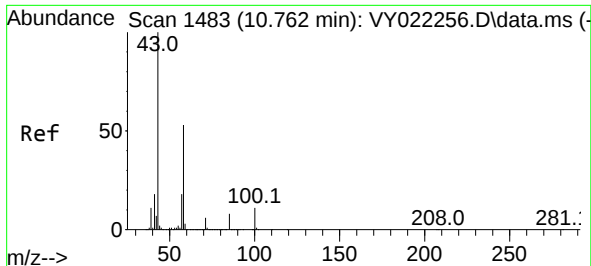
Tgt Ion: 63 Resp: 300672

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4

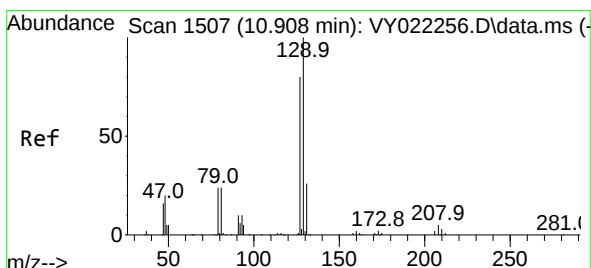
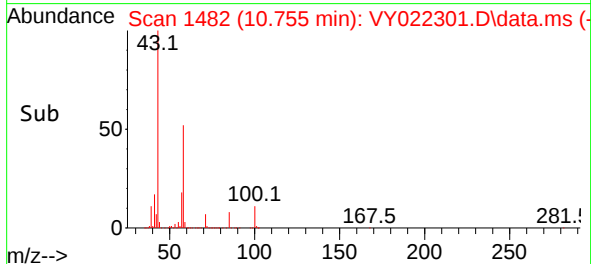
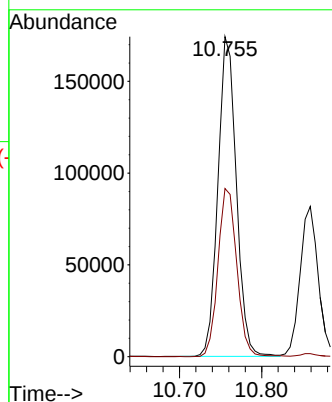
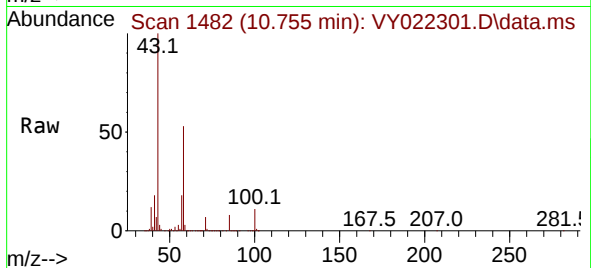




#59
2-Hexanone
Concen: 264.900 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

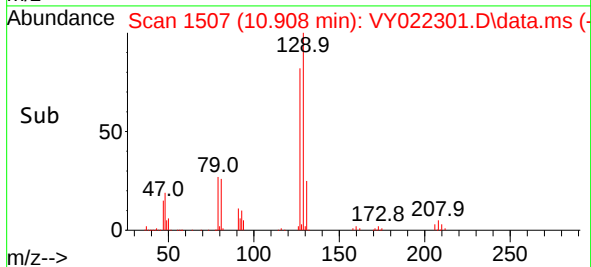
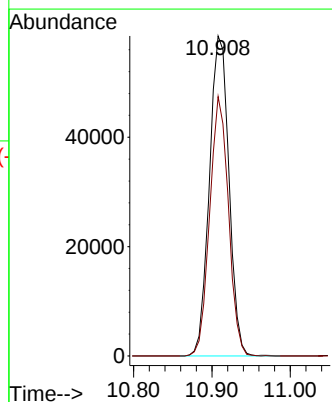
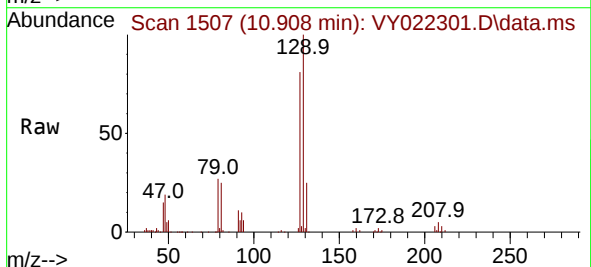
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

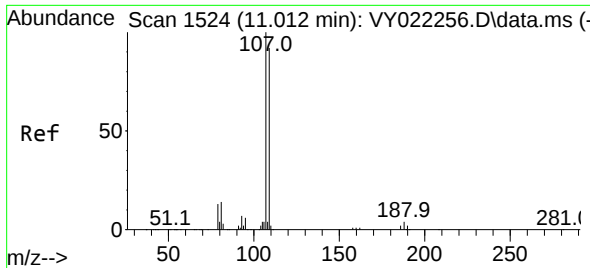
Tgt Ion: 43 Resp: 270964
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.3



#60
Dibromochloromethane
Concen: 53.353 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 129 Resp: 101289
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

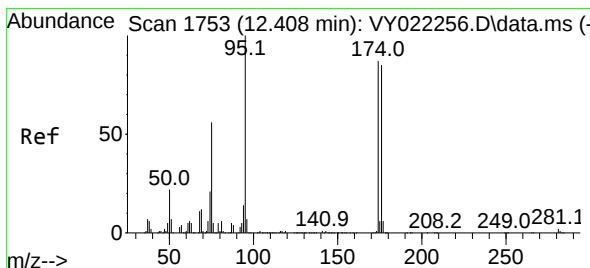
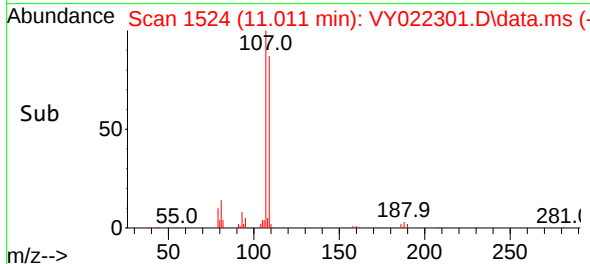
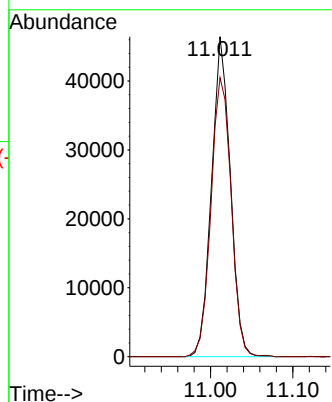
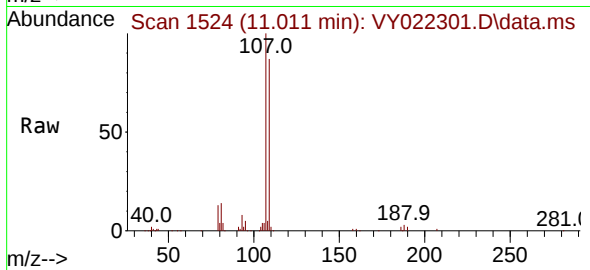




#61
1,2-Dibromoethane
Concen: 54.113 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

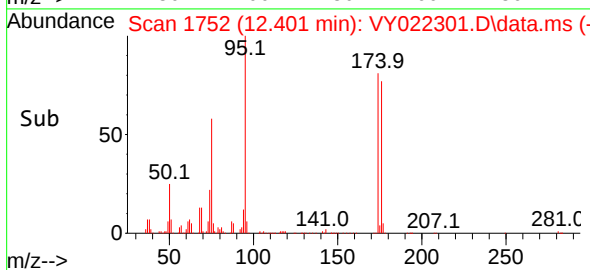
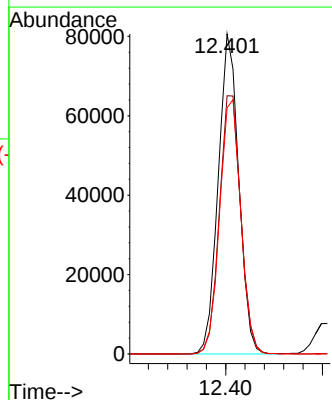
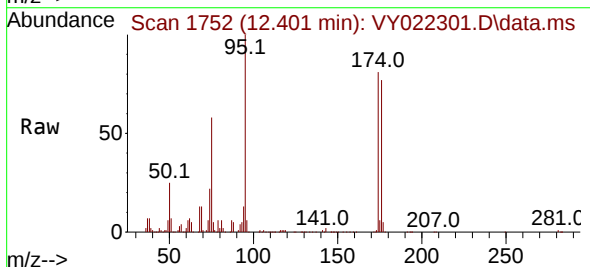
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

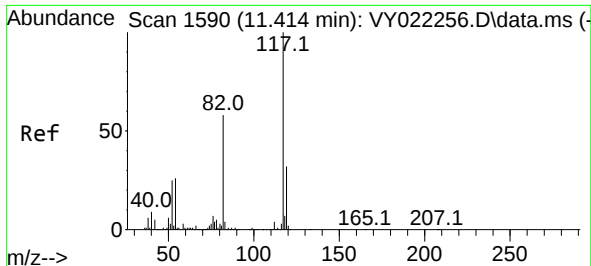
Tgt Ion:107 Resp: 73769
Ion Ratio Lower Upper
107 100
109 93.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 95 Resp: 118638
Ion Ratio Lower Upper
95 100
174 84.1 0.0 166.8
176 81.9 0.0 160.8

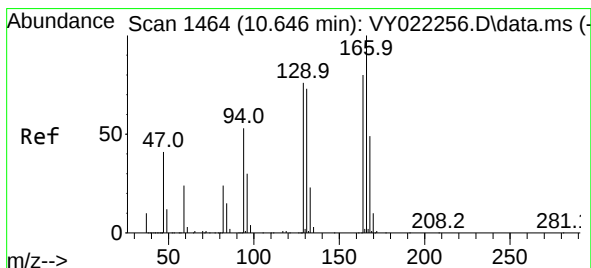
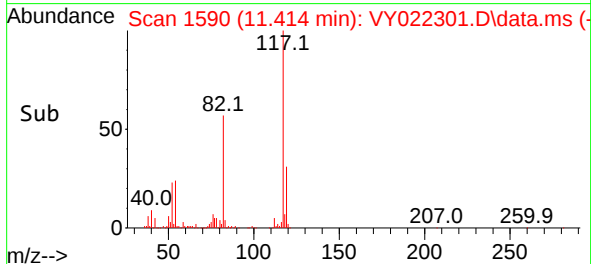
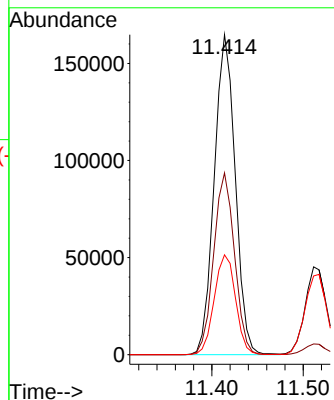
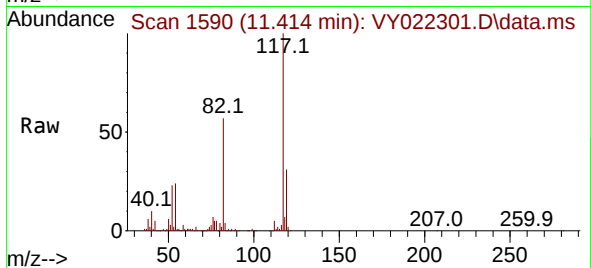




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

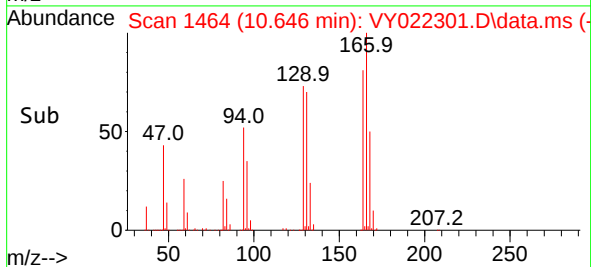
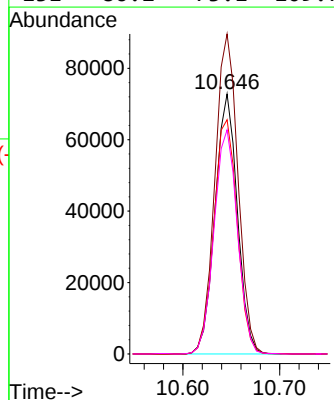
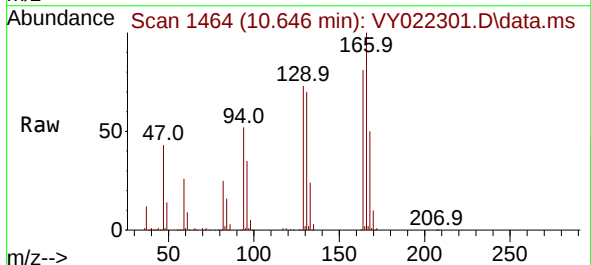
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

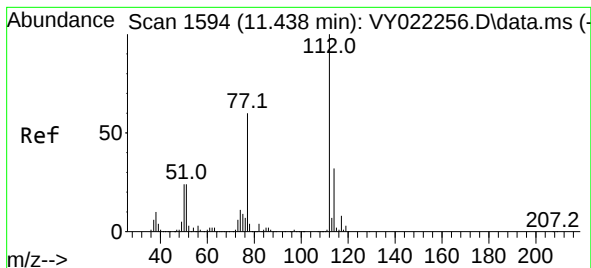
Tgt Ion:117 Resp: 262982
Ion Ratio Lower Upper
117 100
82 56.8 46.6 70.0
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 48.141 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion:164 Resp: 117020
Ion Ratio Lower Upper
164 100
166 123.1 100.4 150.6
129 90.1 76.4 114.6
131 86.2 73.1 109.7





#65

Chlorobenzene

Concen: 50.288 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

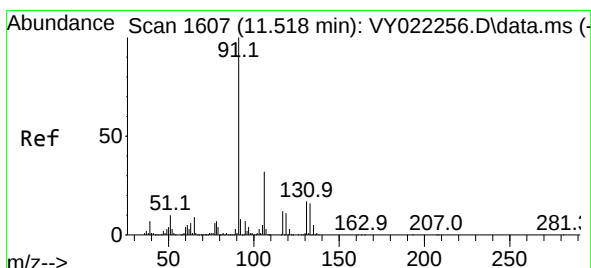
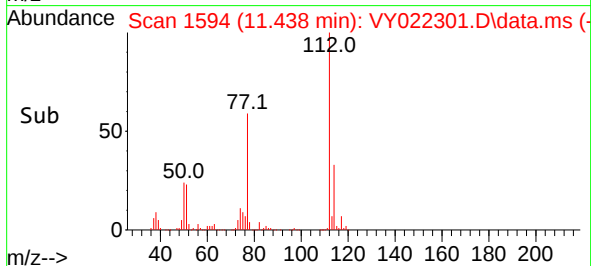
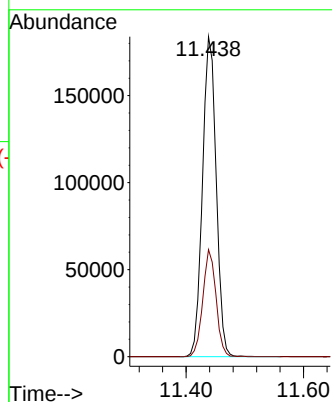
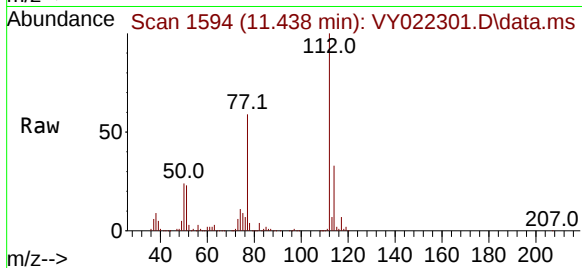
VSTDCCC050EC

Tgt Ion:112 Resp: 298366

Ion Ratio Lower Upper

112 100

114 33.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.525 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

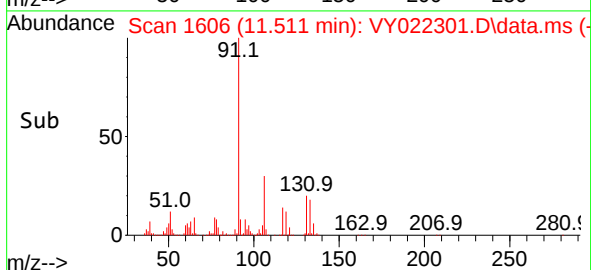
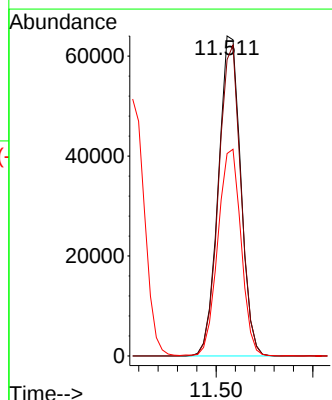
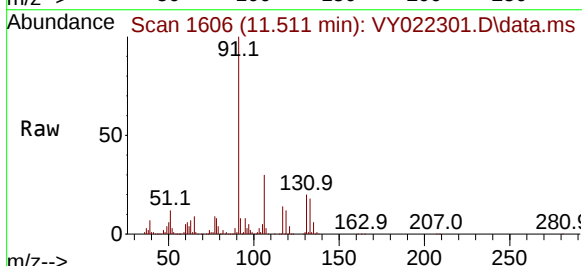
Tgt Ion:131 Resp: 103057

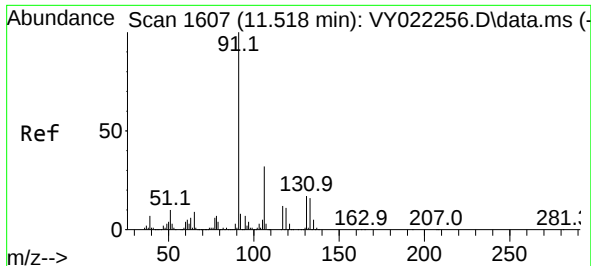
Ion Ratio Lower Upper

131 100

133 96.3 47.3 141.9

119 66.8 33.1 99.2





#67

Ethyl Benzene

Concen: 49.681 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

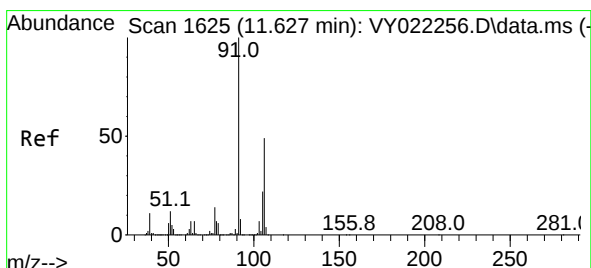
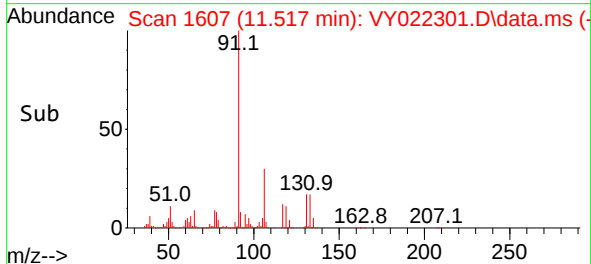
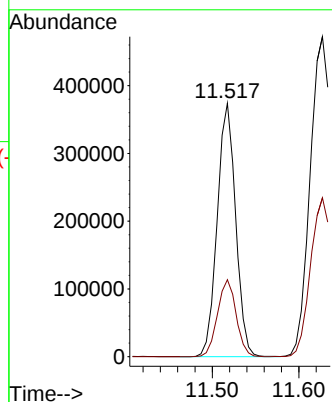
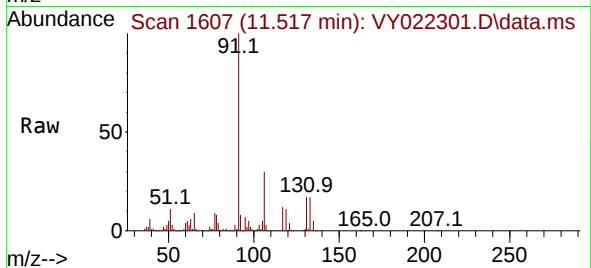
VSTDCCC050EC

Tgt Ion: 91 Resp: 552037

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 99.542 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022301.D

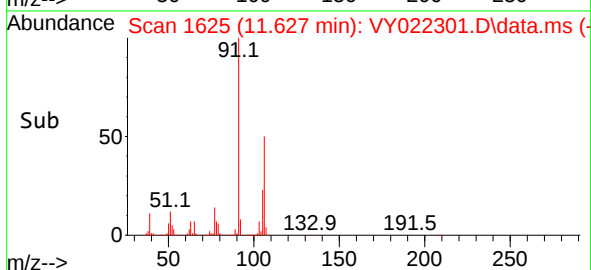
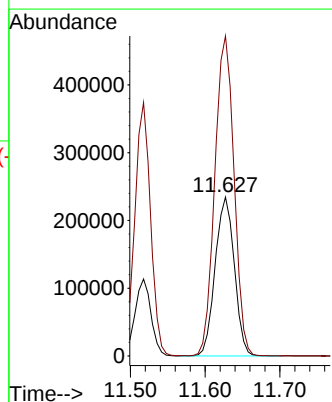
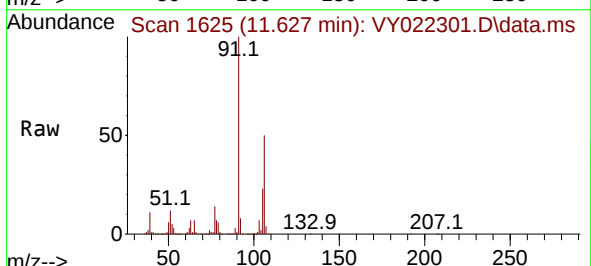
Acq: 16 May 2025 19:29

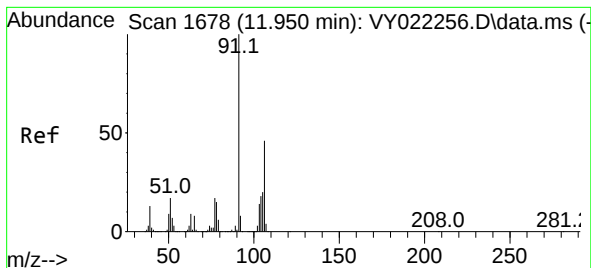
Tgt Ion:106 Resp: 416782

Ion Ratio Lower Upper

106 100

91 202.8 163.0 244.4

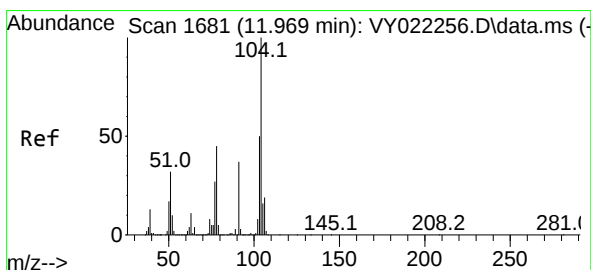
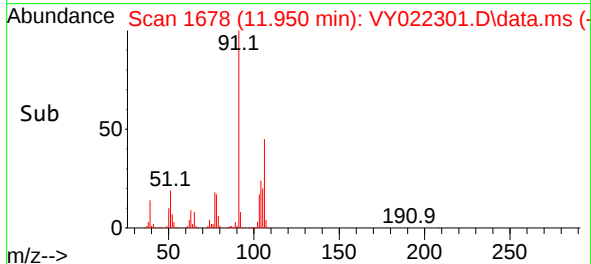
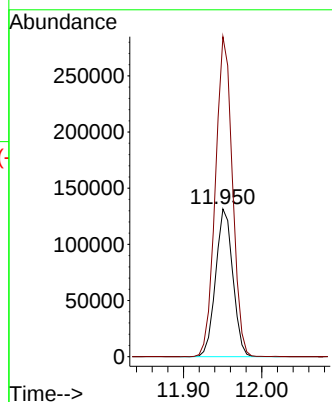
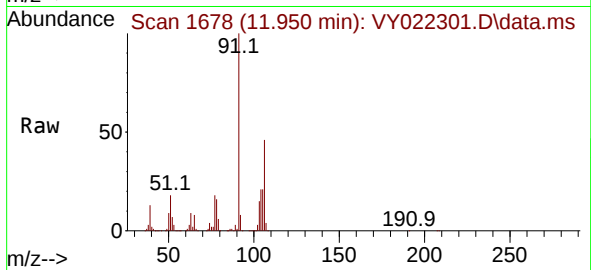




#69
o-Xylene
Concen: 50.639 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

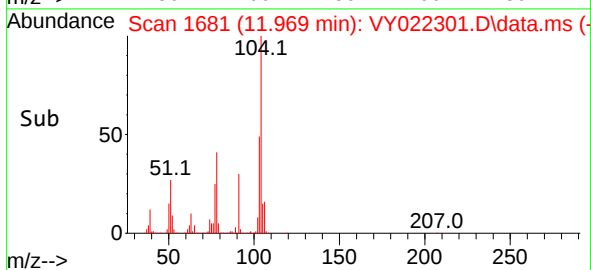
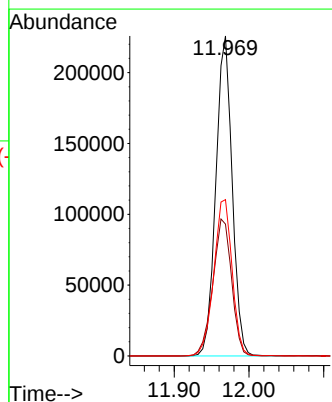
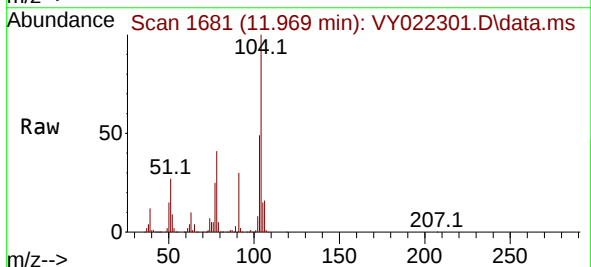
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

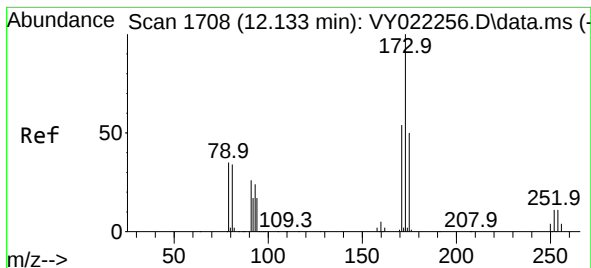
Tgt Ion:106 Resp: 200603
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8



#70
Styrene
Concen: 51.248 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion:104 Resp: 342456
Ion Ratio Lower Upper
104 100
78 49.2 40.9 61.3
103 54.9 43.7 65.5





#71

Bromoform

Concen: 52.719 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

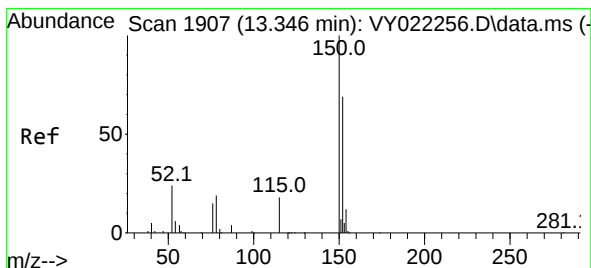
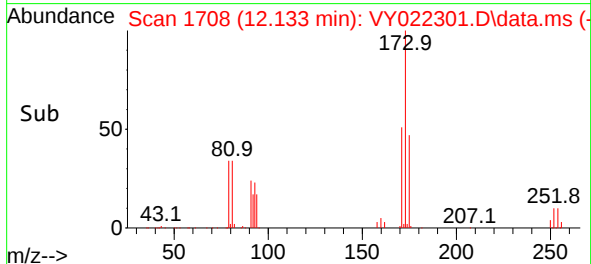
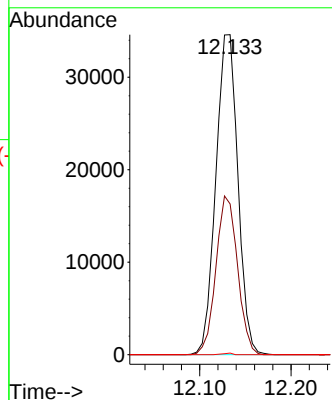
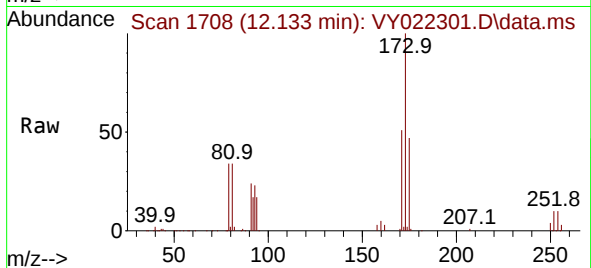
Tgt Ion:173 Resp: 58041

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

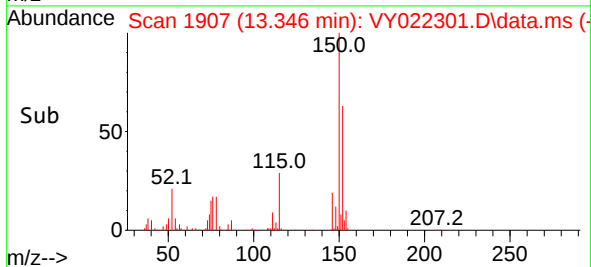
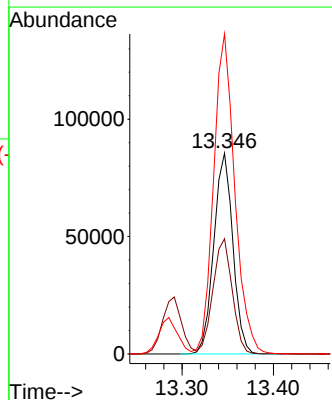
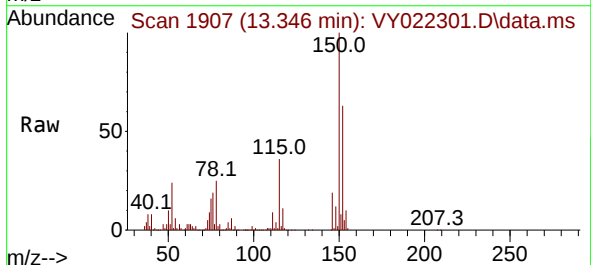
Tgt Ion:152 Resp: 124169

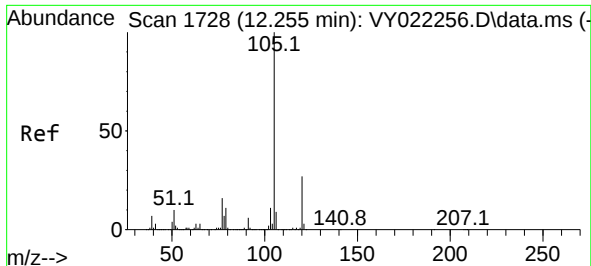
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 176.7 0.0 353.8

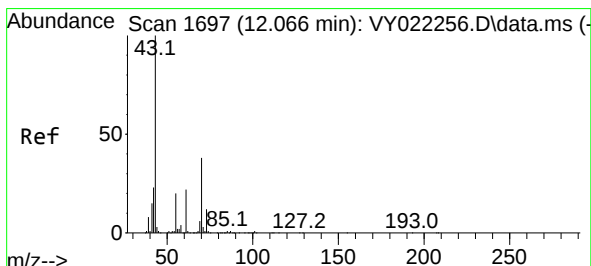
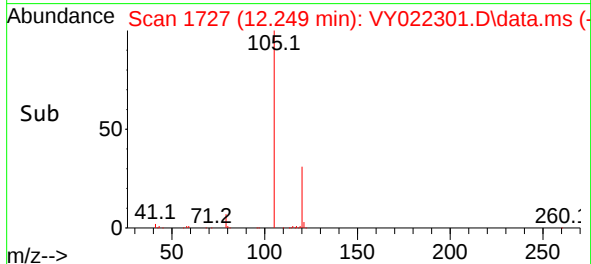
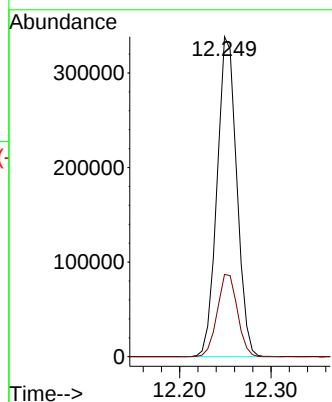
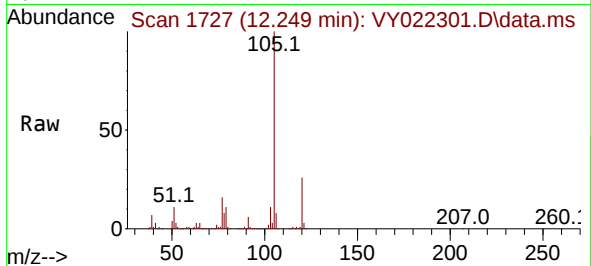




#73
Isopropylbenzene
Concen: 49.232 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

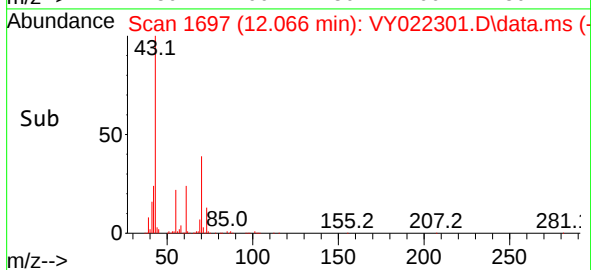
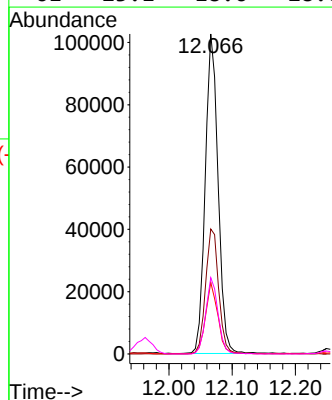
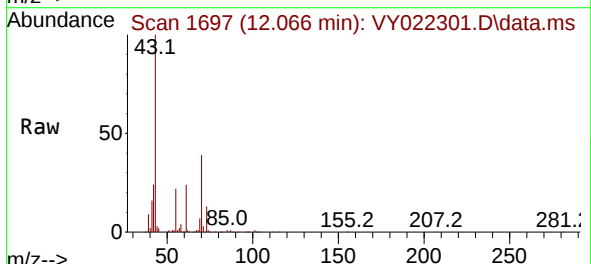
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

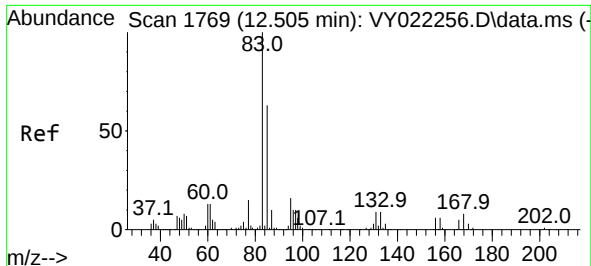
Tgt Ion:105 Resp: 506442
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 49.313 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 43 Resp: 145082
Ion Ratio Lower Upper
43 100
70 40.1 31.4 47.0
55 21.2 17.0 25.6
61 23.1 18.6 28.0

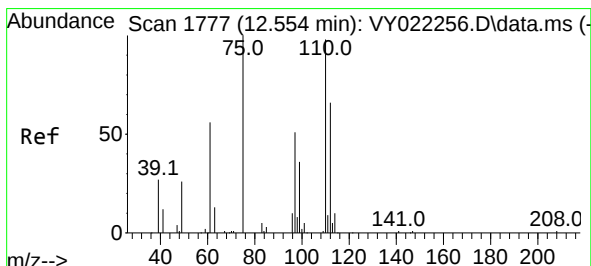
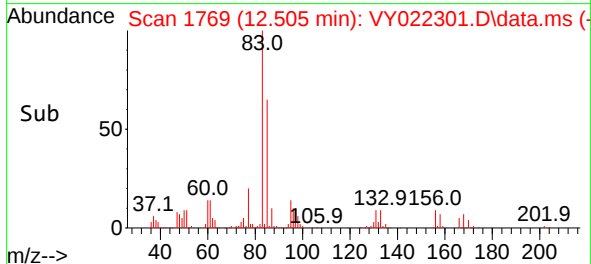
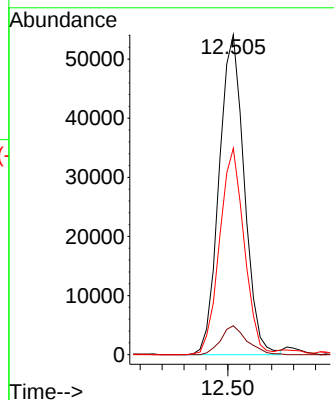
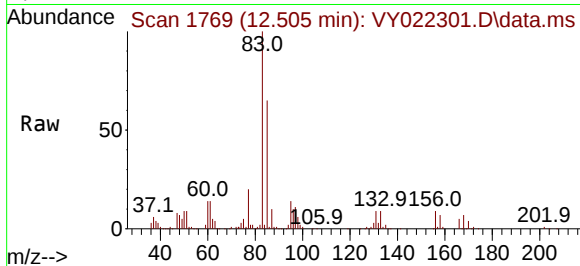




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.429 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

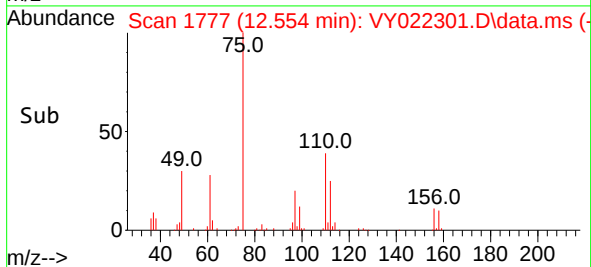
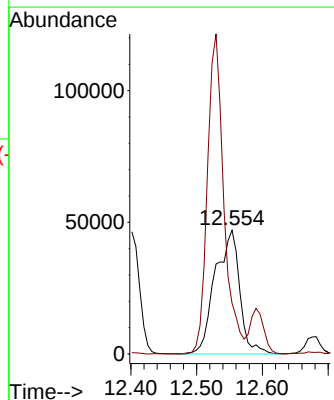
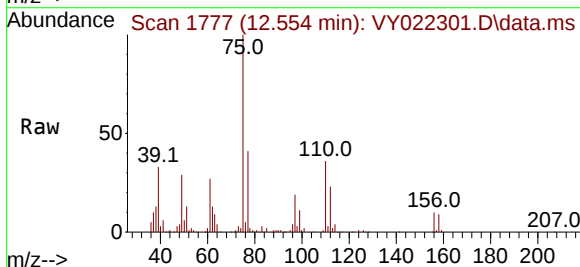
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

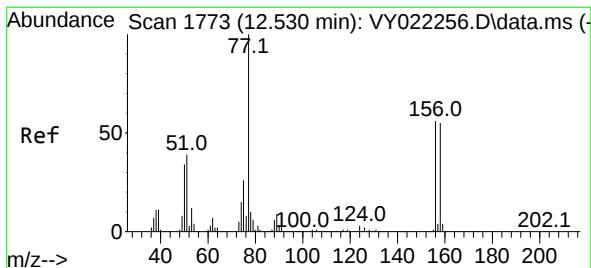
Tgt Ion: 83 Resp: 86108
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.7
 85 63.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 97.150 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

Tgt Ion: 75 Resp: 122211
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.903 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

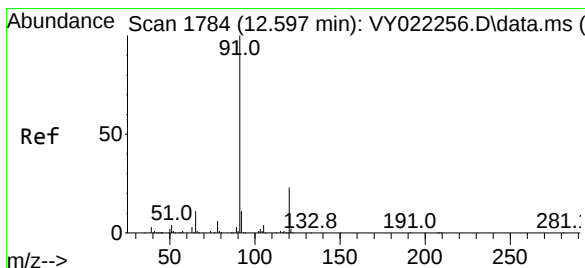
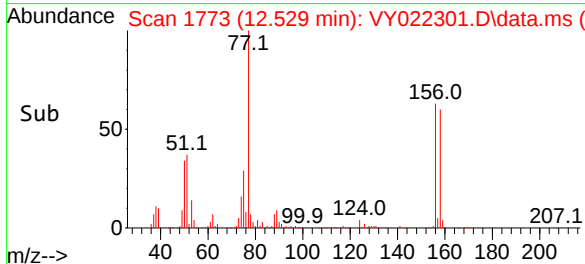
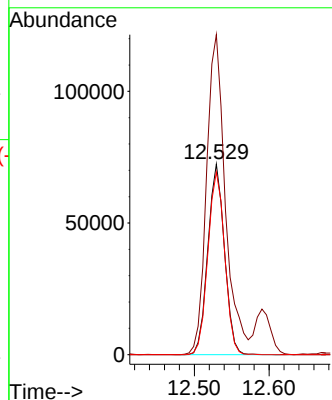
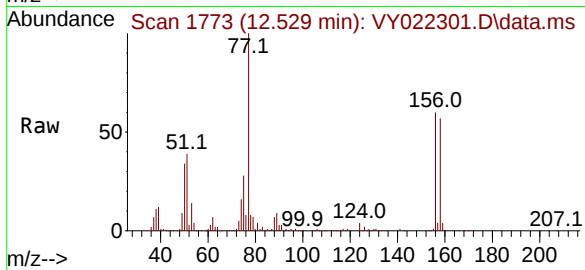
Tgt Ion:156 Resp: 111837

Ion Ratio Lower Upper

156 100

77 190.0 94.5 283.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 49.582 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022301.D

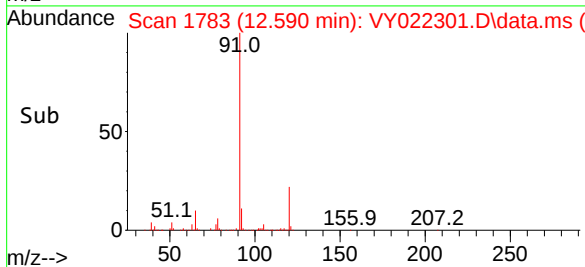
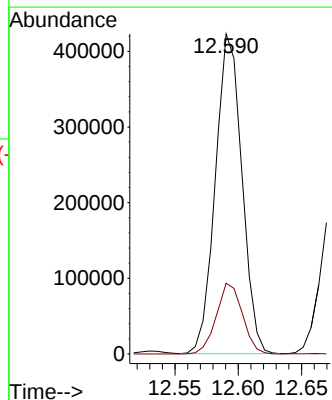
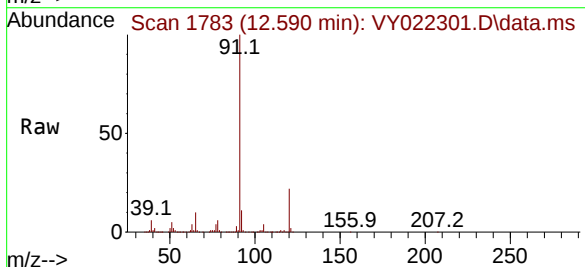
Acq: 16 May 2025 19:29

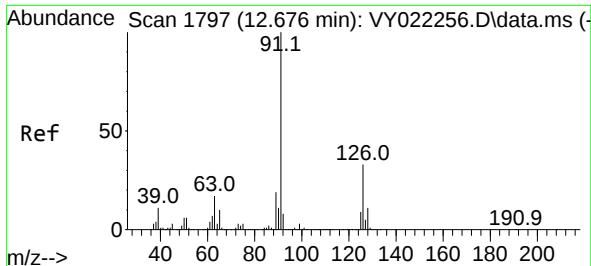
Tgt Ion: 91 Resp: 615206

Ion Ratio Lower Upper

91 100

120 21.8 11.1 33.3

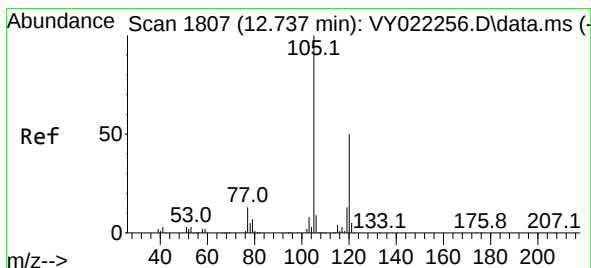
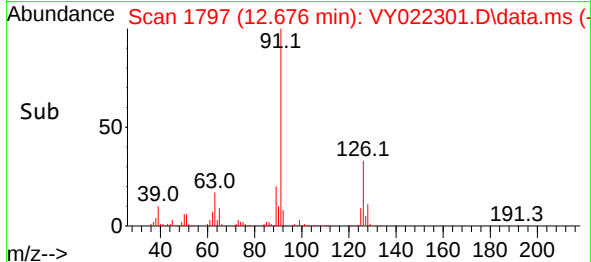
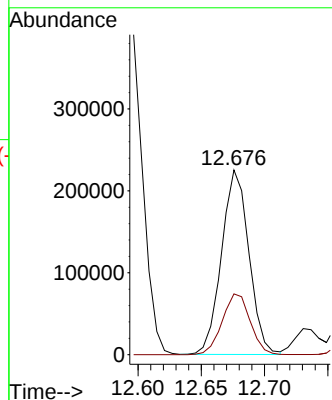
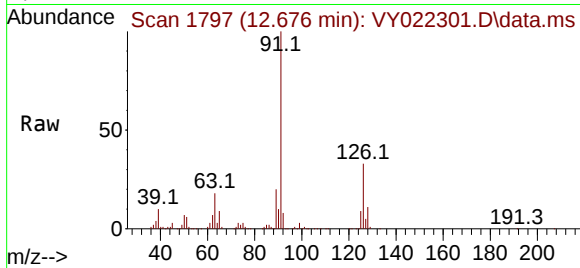




#79
2-Chlorotoluene
Concen: 49.744 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

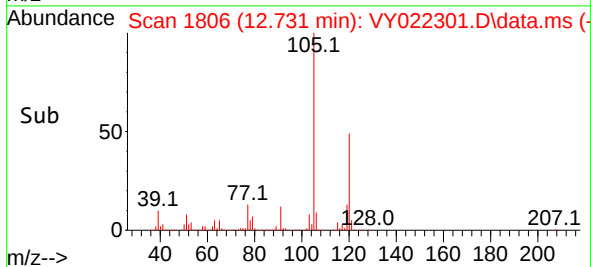
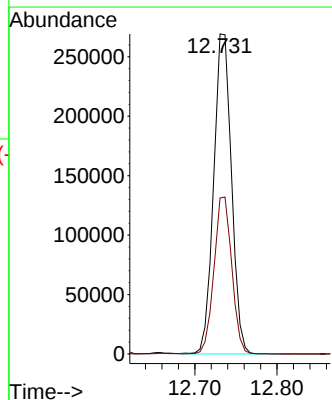
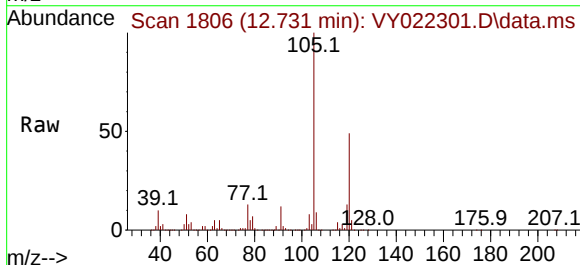
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

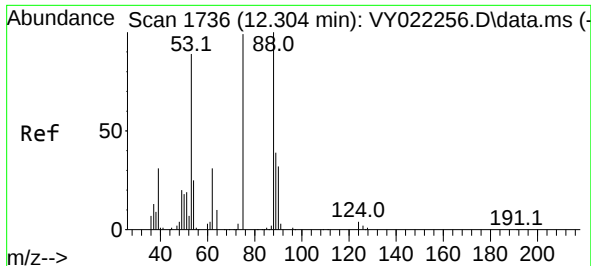
Tgt Ion: 91 Resp: 339182
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 48.863 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 105 Resp: 405753
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6

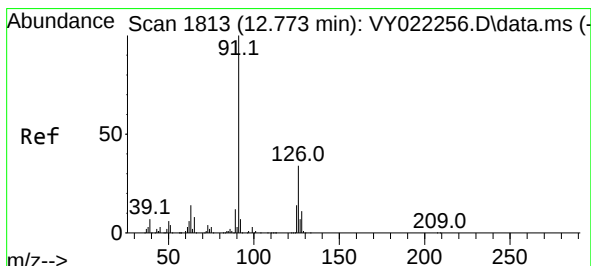
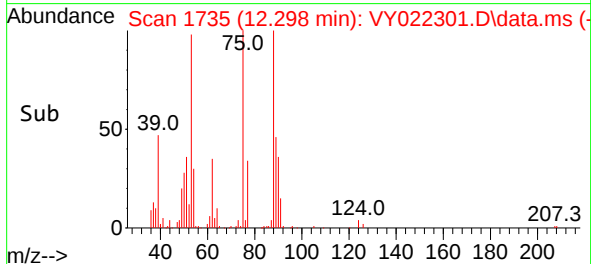
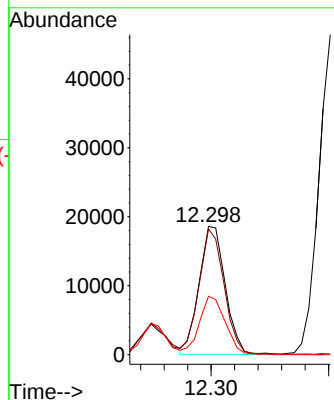
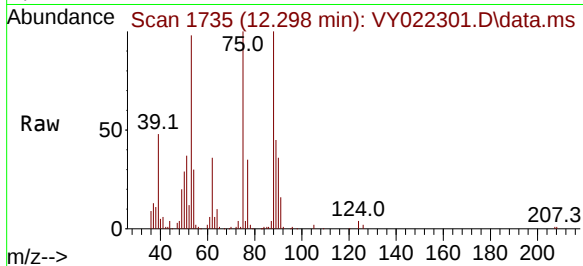




#81
trans-1,4-Dichloro-2-butene
Concen: 46.262 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

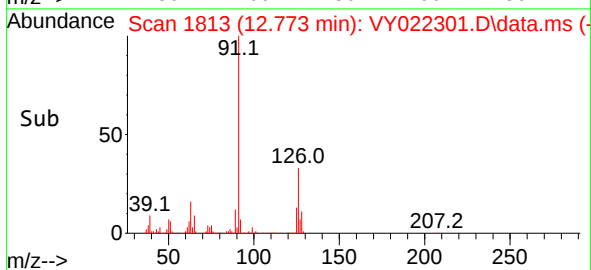
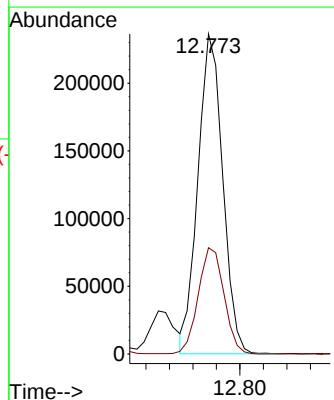
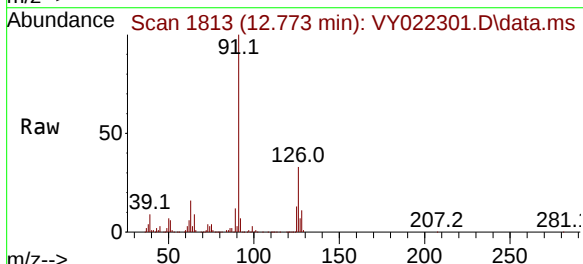
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

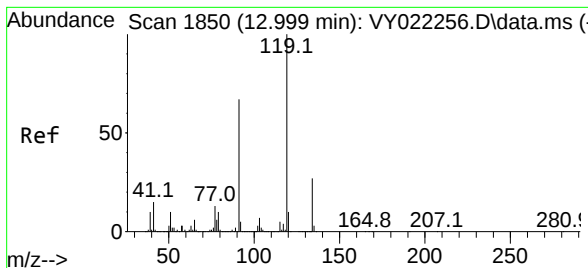
Tgt Ion: 75 Resp: 28728
Ion Ratio Lower Upper
75 100
53 94.4 75.8 113.8
89 45.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 49.230 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022301.D
Acq: 16 May 2025 19:29

Tgt Ion: 91 Resp: 345271
Ion Ratio Lower Upper
91 100
126 34.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 50.023 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

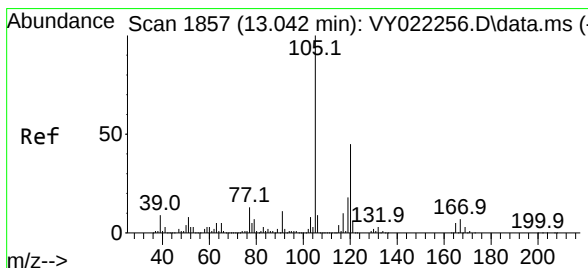
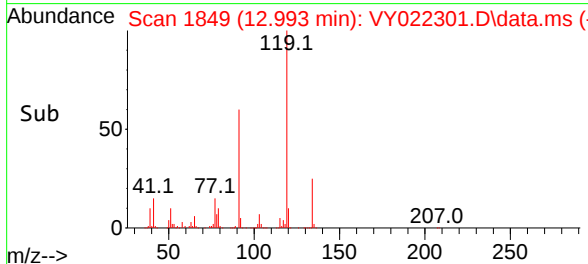
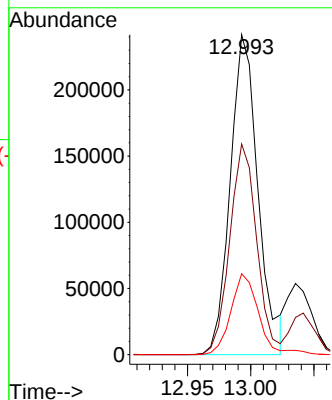
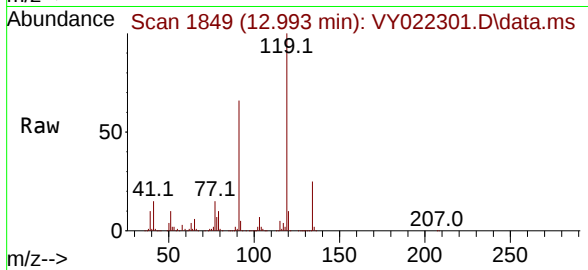
Tgt Ion:119 Resp: 369198

Ion Ratio Lower Upper

119 100

91 64.0 32.8 98.3

134 25.4 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 49.978 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022301.D

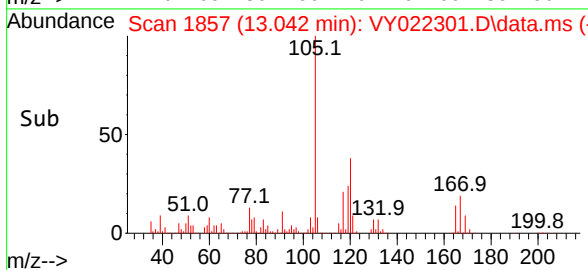
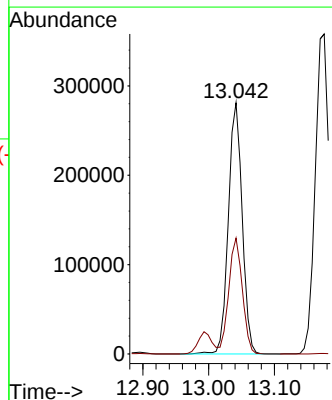
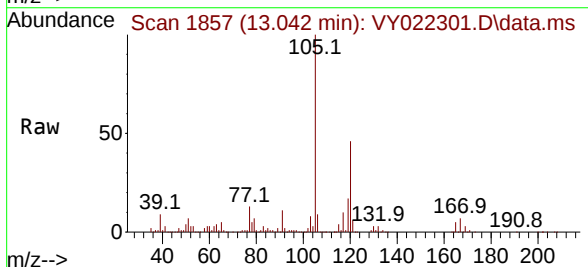
Acq: 16 May 2025 19:29

Tgt Ion:105 Resp: 411972

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.149 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

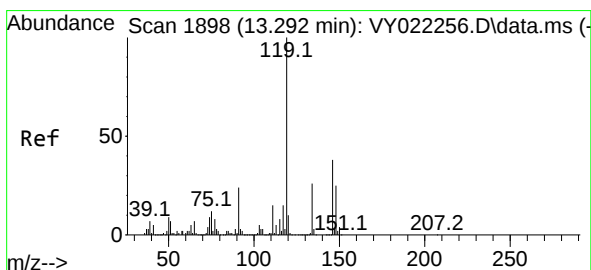
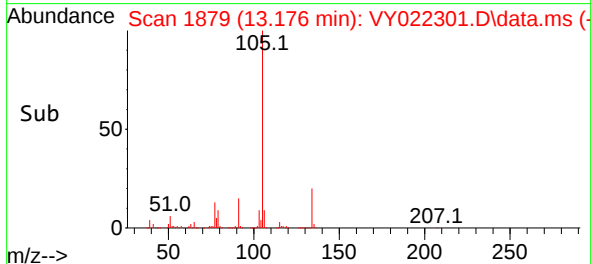
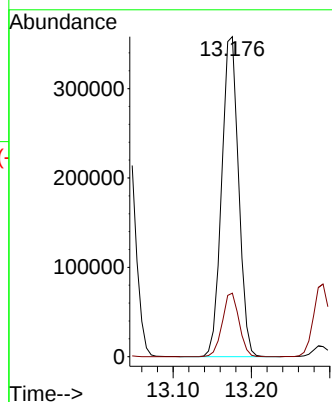
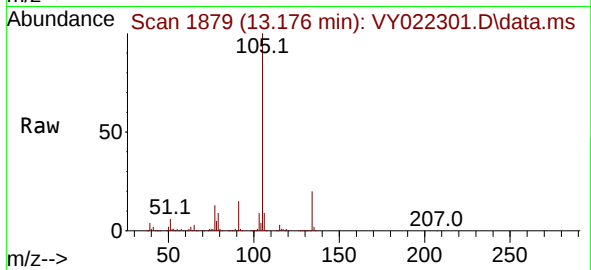
VSTDCCC050EC

Tgt Ion:105 Resp: 538476

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.814 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

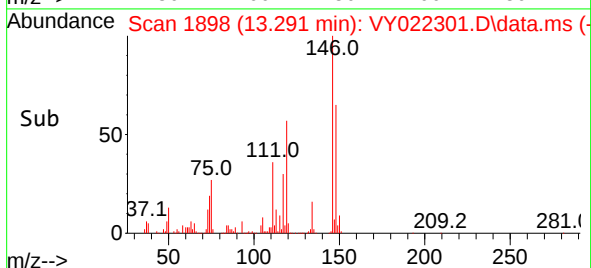
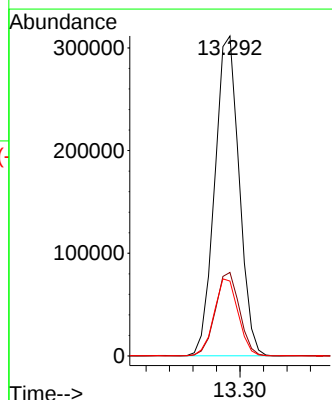
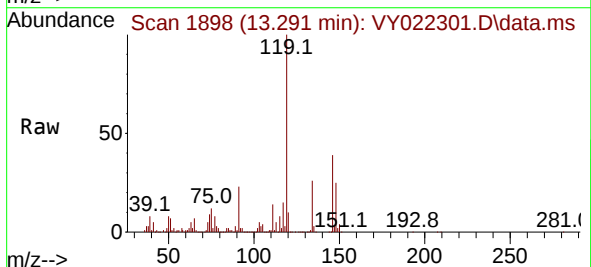
Tgt Ion:119 Resp: 449798

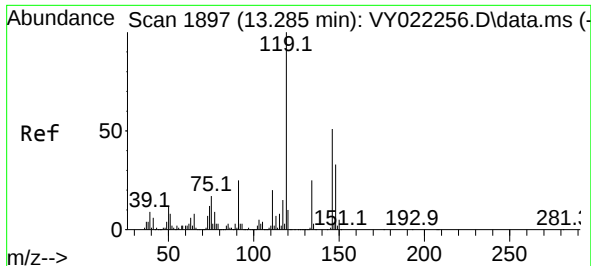
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.7 12.1 36.3

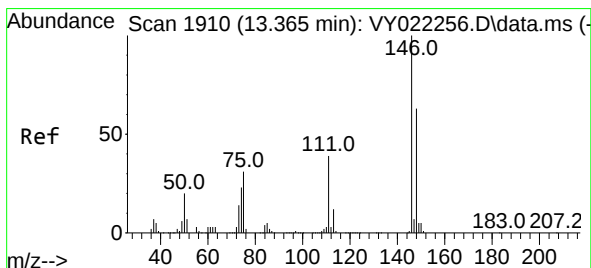
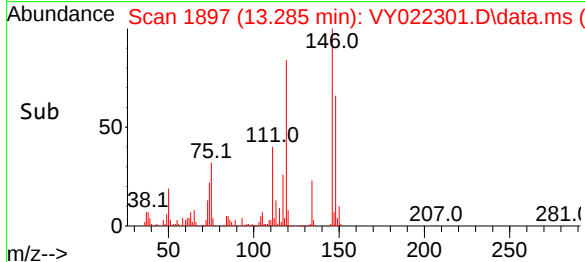
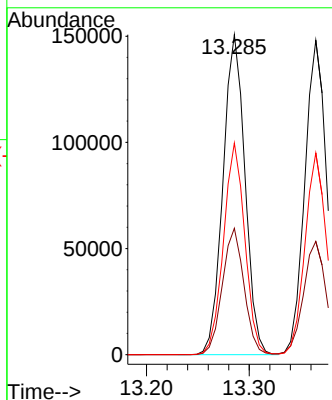
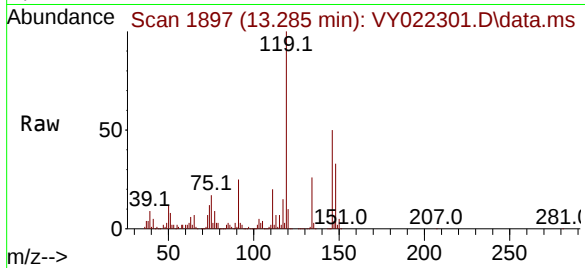




#87
 1,3-Dichlorobenzene
 Concen: 50.006 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

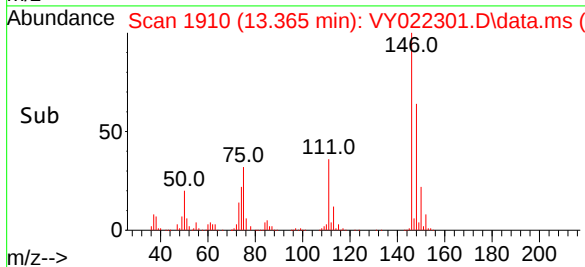
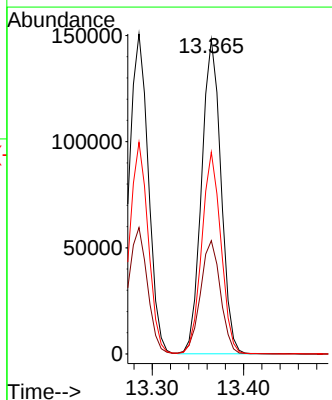
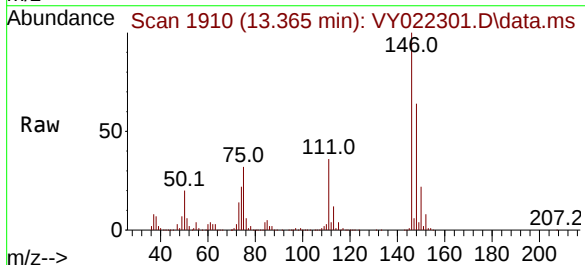
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

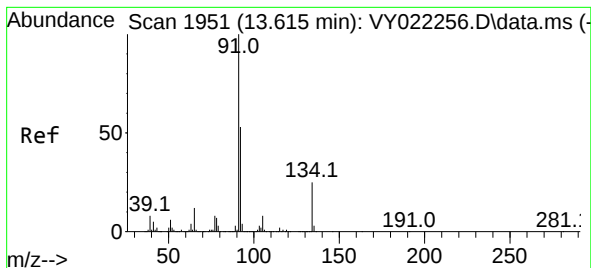
Tgt Ion:146 Resp: 224283
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.503 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022301.D
 Acq: 16 May 2025 19:29

Tgt Ion:146 Resp: 217882
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.0 59.9
 148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 48.542 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

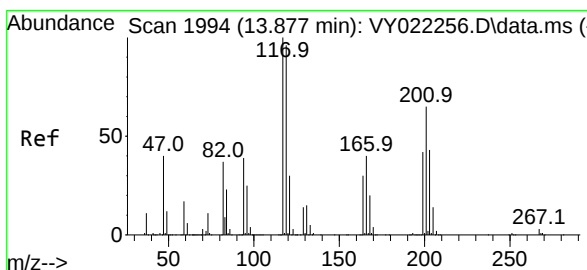
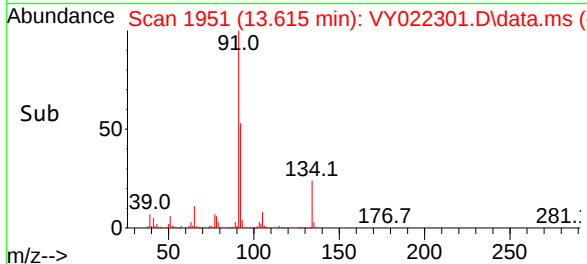
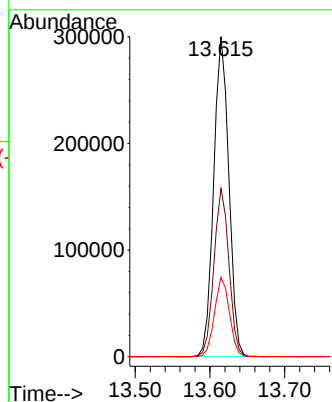
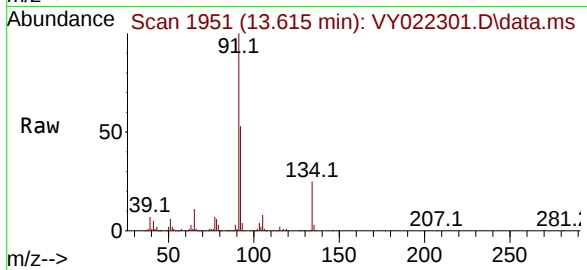
Tgt Ion: 91 Resp: 423157

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

134 24.3 12.4 37.4



#90

Hexachloroethane

Concen: 48.950 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022301.D

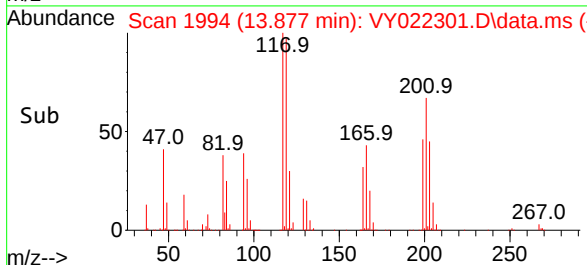
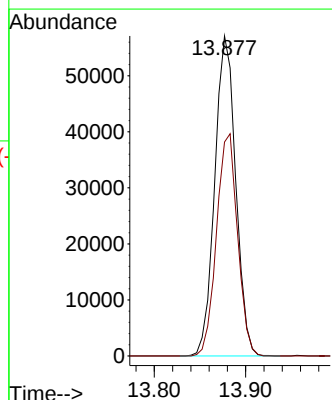
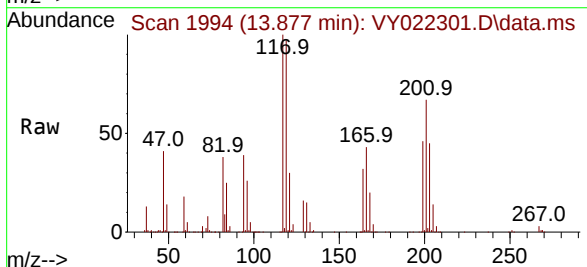
Acq: 16 May 2025 19:29

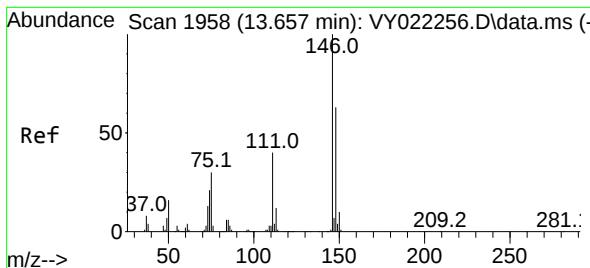
Tgt Ion: 117 Resp: 91050

Ion Ratio Lower Upper

117 100

201 69.7 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 51.391 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

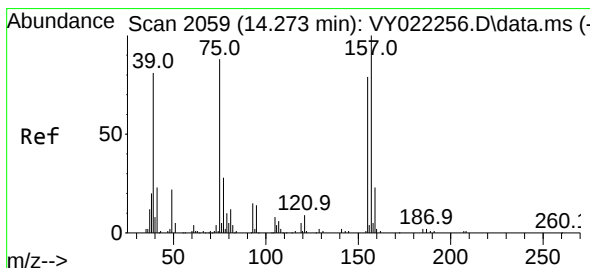
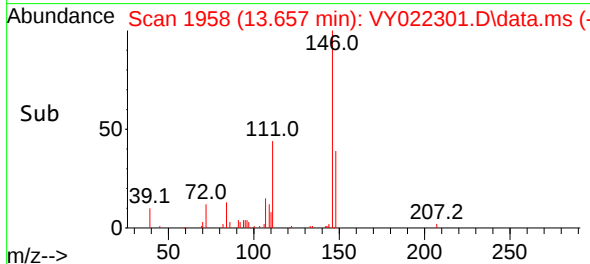
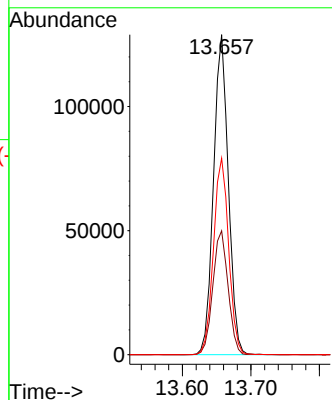
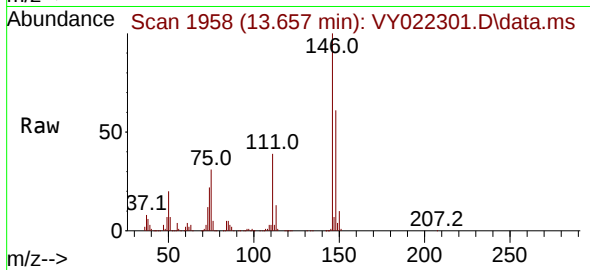
Tgt Ion:146 Resp: 193609

Ion Ratio Lower Upper

146 100

111 40.0 20.5 61.5

148 62.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.958 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

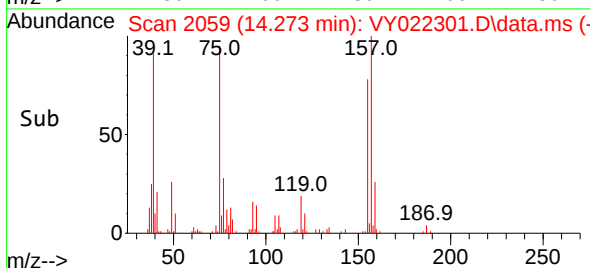
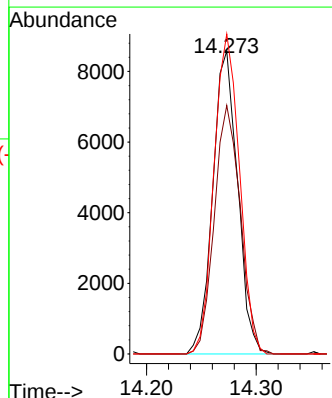
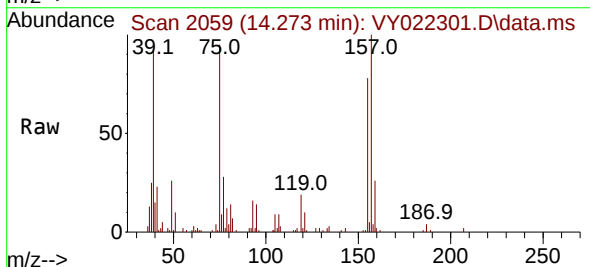
Tgt Ion: 75 Resp: 13510

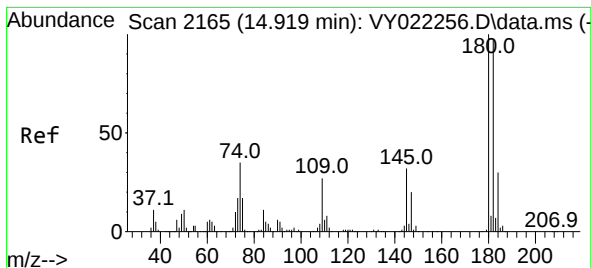
Ion Ratio Lower Upper

75 100

155 85.8 43.4 130.1

157 108.2 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 49.489 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

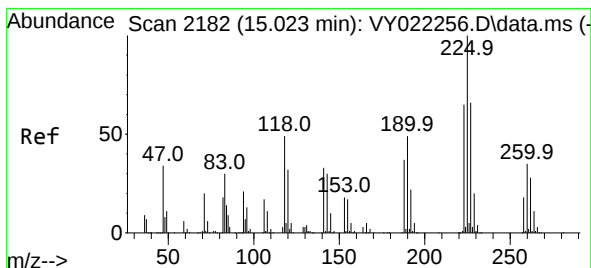
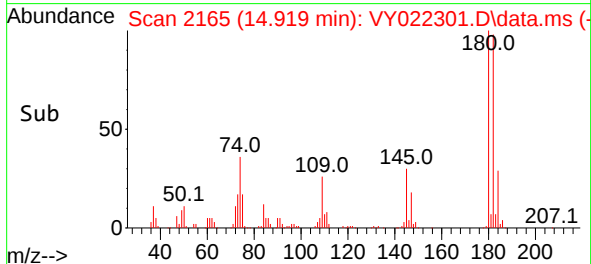
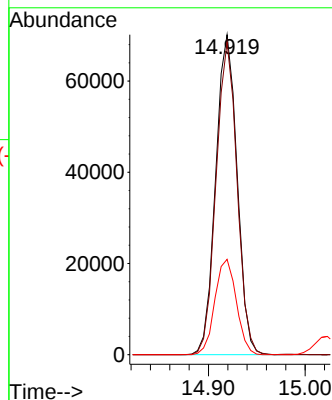
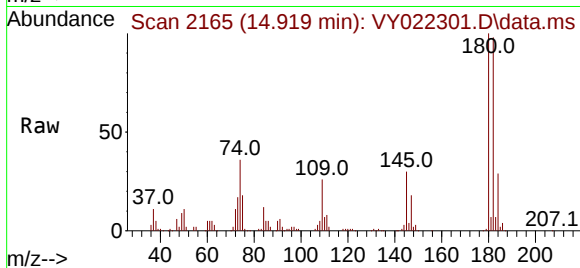
Tgt Ion:180 Resp: 107697

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 29.9 15.0 45.1



#94

Hexachlorobutadiene

Concen: 46.635 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

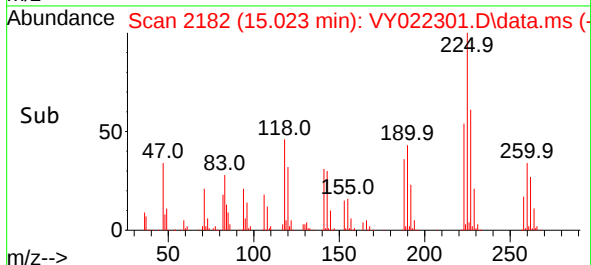
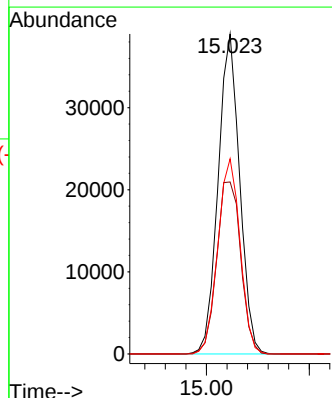
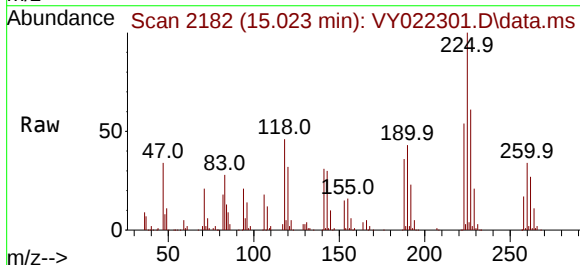
Tgt Ion:225 Resp: 56596

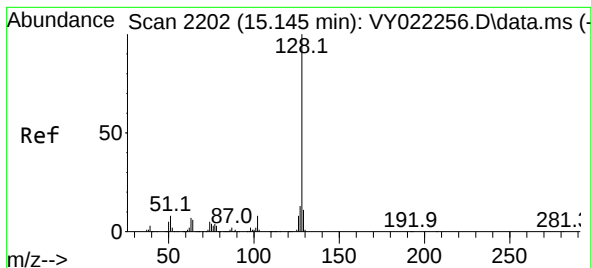
Ion Ratio Lower Upper

225 100

223 60.2 31.5 94.5

227 63.1 32.1 96.3





#95

Naphthalene

Concen: 52.582 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

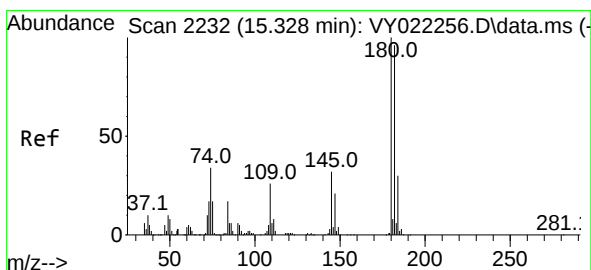
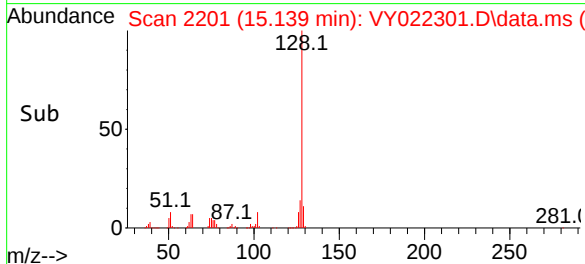
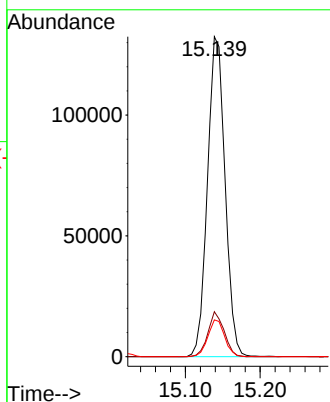
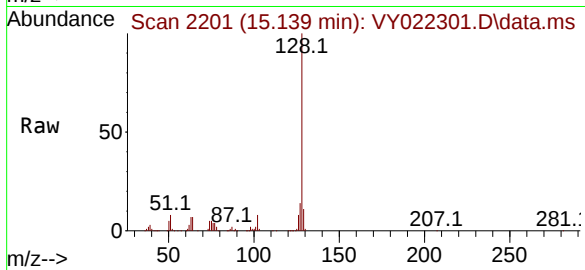
Tgt Ion:128 Resp: 217144

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.540 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022301.D

Acq: 16 May 2025 19:29

Tgt Ion:180 Resp: 93303

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.1 15.9 47.6

