

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015282.D
 Acq On : 23 Aug 2023 06:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 06:45:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	142362	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	248321	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	229493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100173	58.618	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.240%	
35) Dibromofluoromethane	7.728	113	87136	54.544	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.185	98	310600	52.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.483	95	112718	51.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27587	44.720	ug/l	99
3) Chloromethane	2.113	50	43920	51.795	ug/l	99
4) Vinyl Chloride	2.253	62	52985	46.773	ug/l	98
5) Bromomethane	2.650	94	43497	55.719	ug/l	100
6) Chloroethane	2.796	64	43726	53.165	ug/l	98
7) Trichlorofluoromethane	3.125	101	91404	47.885	ug/l	98
8) Diethyl Ether	3.534	74	42329	56.543	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	57323	48.320	ug/l	96
10) Methyl Iodide	4.101	142	60770	52.168	ug/l	99
11) Tert butyl alcohol	4.991	59	66946	237.107	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	48575	49.035	ug/l	90
13) Acrolein	3.735	56	14857	105.399	ug/l	100
14) Allyl chloride	4.485	41	91056	51.845	ug/l	97
15) Acrylonitrile	5.180	53	158813	313.042	ug/l	98
16) Acetone	3.967	43	125582	224.945	ug/l	91
17) Carbon Disulfide	4.204	76	78738	45.165	ug/l	96
18) Methyl Acetate	4.491	43	151737	74.168	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	240064	56.994	ug/l	99
20) Methylene Chloride	4.723	84	90252	69.073	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	57690	51.629	ug/l	96
22) Diisopropyl ether	6.131	45	250124	57.073	ug/l	94
23) Vinyl Acetate	6.070	43	670876	256.550	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	130451	54.981	ug/l	97
25) 2-Butanone	6.997	43	220598	279.074	ug/l	99
26) 2,2-Dichloropropane	6.990	77	92458	40.423	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	84267	55.207	ug/l	92
28) Bromochloromethane	7.344	49	61746	56.644	ug/l	96
29) Tetrahydrofuran	7.362	42	142786	302.095	ug/l	93
30) Chloroform	7.515	83	147652	55.513	ug/l	96
31) Cyclohexane	7.795	56	75685	49.560	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	117808	52.051	ug/l	99
36) 1,1-Dichloropropene	7.923	75	83607	47.306	ug/l	100
37) Ethyl Acetate	7.088	43	88524	53.735	ug/l	96
38) Carbon Tetrachloride	7.911	117	96725	46.243	ug/l	98
39) Methylcyclohexane	9.191	83	88461	44.648	ug/l	94
40) Benzene	8.167	78	274526	51.377	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	47123	55.472	ug/l	94
42) 1,2-Dichloroethane	8.246	62	103310	53.236	ug/l	94
43) Isopropyl Acetate	8.283	43	160249	53.416	ug/l	98
44) Trichloroethene	8.947	130	77099	50.083	ug/l	98
45) 1,2-Dichloropropane	9.222	63	79692	52.889	ug/l	94
46) Dibromomethane	9.313	93	51468	54.159	ug/l	95
47) Bromodichloromethane	9.502	83	122142	53.861	ug/l	97
48) Methyl methacrylate	9.301	41	75426	58.773	ug/l	94
49) 1,4-Dioxane	9.313	88	20700	1089.289	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	512576	294.804	ug/l	95
52) Toluene	10.252	92	178116	50.574	ug/l	96
53) t-1,3-Dichloropropene	10.472	75	117035	49.108	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	123168	49.072	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	79453	54.985	ug/l	99
56) Ethyl methacrylate	10.514	69	114894	54.331	ug/l	92
57) 1,3-Dichloropropane	10.795	76	130365	55.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	285753	290.358	ug/l	95
59) 2-Hexanone	10.837	43	366118	284.513	ug/l	93
60) Dibromochloromethane	10.990	129	94224	54.665	ug/l	100
61) 1,2-Dibromoethane	11.093	107	73833	53.787	ug/l	100
64) Tetrachloroethene	10.728	164	88548	55.382	ug/l	96
65) Chlorobenzene	11.520	112	209825	50.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	88187	51.978	ug/l	99
67) Ethyl Benzene	11.599	91	359122	49.019	ug/l	100
68) m/p-Xylenes	11.709	106	269818	96.969	ug/l	96
69) o-Xylene	12.032	106	138275	49.885	ug/l	98
70) Styrene	12.050	104	244558	50.976	ug/l	97
71) Bromoform	12.215	173	64924	52.788	ug/l #	99
73) Isopropylbenzene	12.331	105	364334	49.022	ug/l	100
74) N-amyl acetate	12.148	43	138511	51.618	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	107164	55.363	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	133712	95.223	ug/l #	100
77) Bromobenzene	12.611	156	92531	51.077	ug/l	95
78) n-propylbenzene	12.672	91	423803	48.020	ug/l	100
79) 2-Chlorotoluene	12.758	91	254446	49.977	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	301150	48.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29435	46.043	ug/l	98
82) 4-Chlorotoluene	12.855	91	257066	48.873	ug/l	99
83) tert-Butylbenzene	13.081	119	275729	48.659	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	302970	48.940	ug/l	99
85) sec-Butylbenzene	13.258	105	401665	48.378	ug/l	100
86) p-Isopropyltoluene	13.373	119	327098	47.518	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	177575	49.420	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	176758	49.045	ug/l	99
89) n-Butylbenzene	13.697	91	293445	45.212	ug/l	97
90) Hexachloroethane	13.965	117	66116	48.415	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	170651	50.839	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20856	55.620	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	101197	46.959	ug/l	98
94) Hexachlorobutadiene	15.111	225	52804	45.047	ug/l	98
95) Naphthalene	15.239	128	283421	52.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	97609	50.153	ug/l	98

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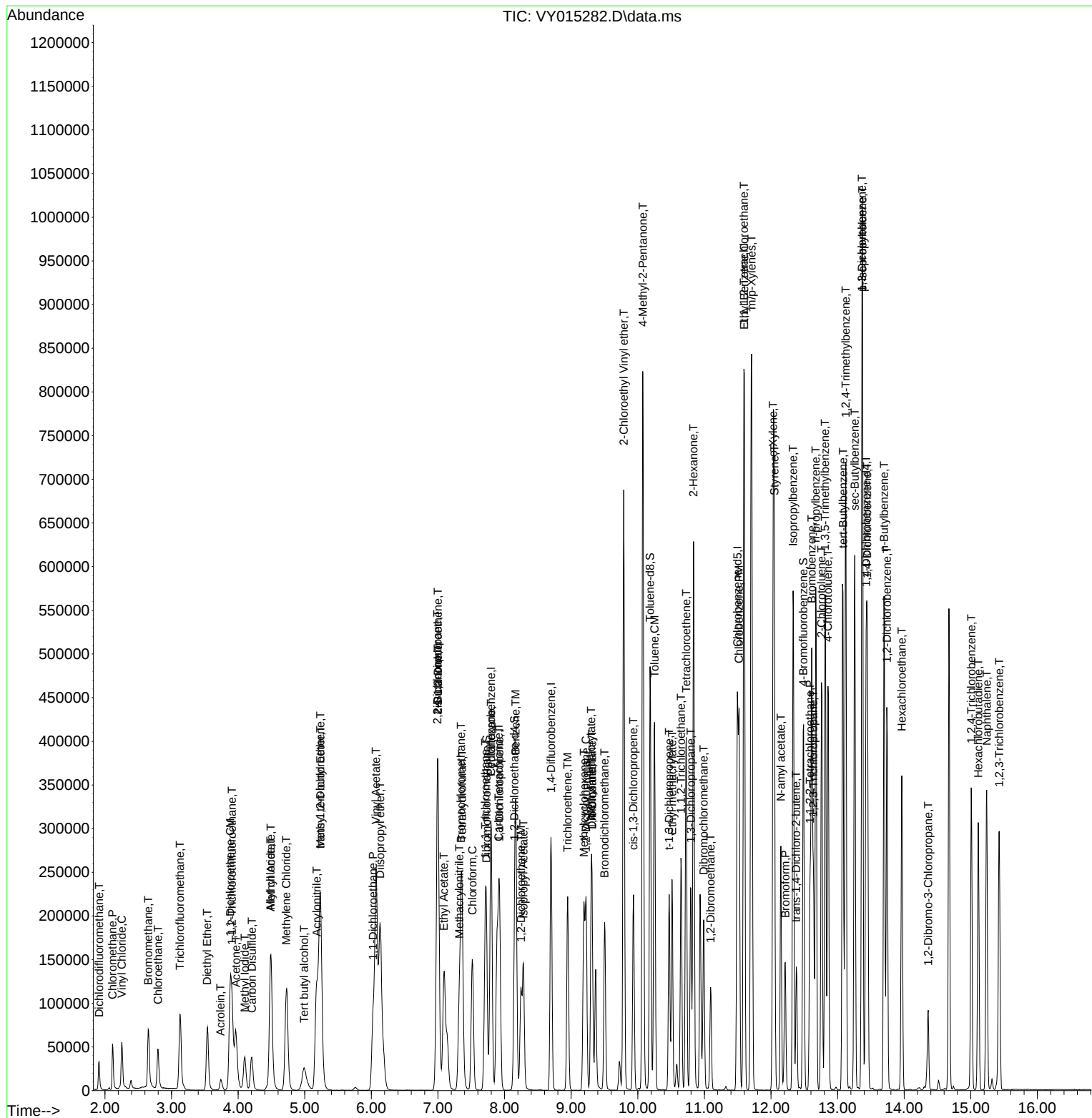
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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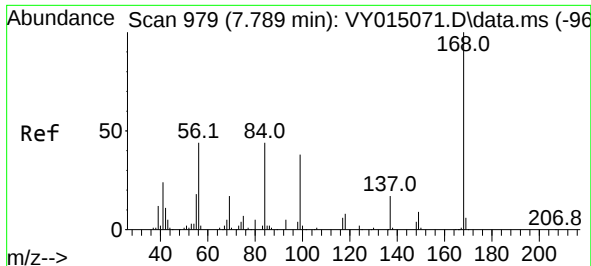
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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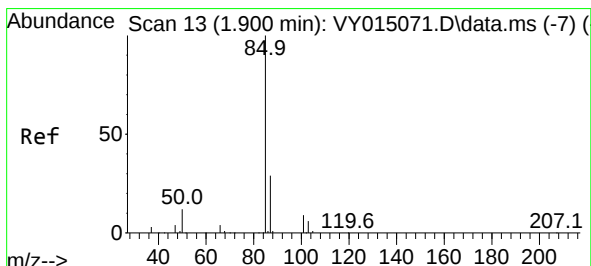
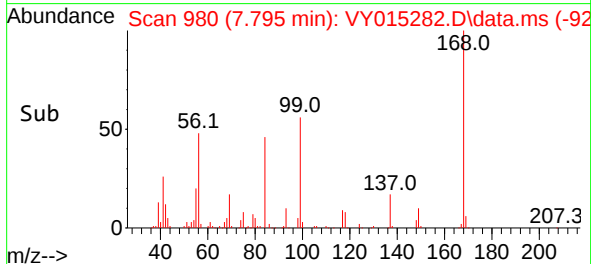
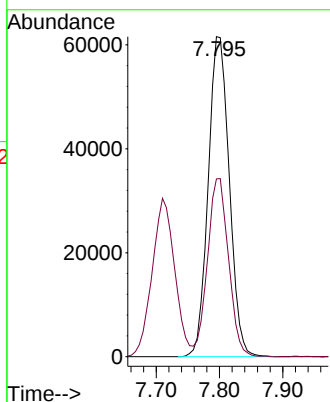
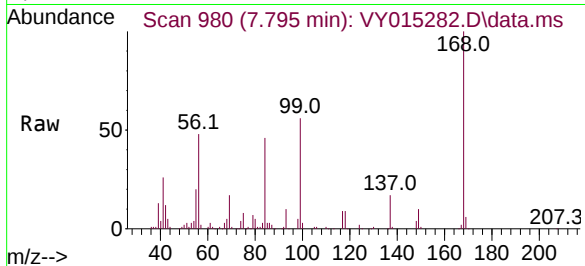




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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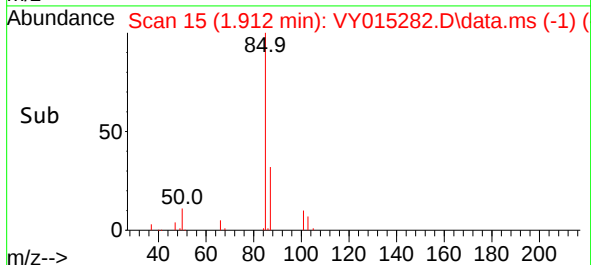
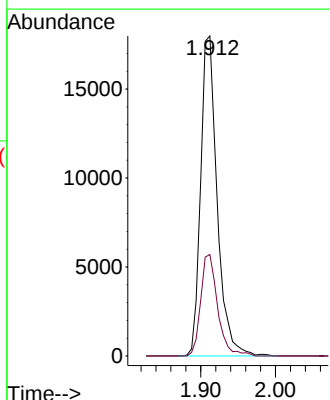
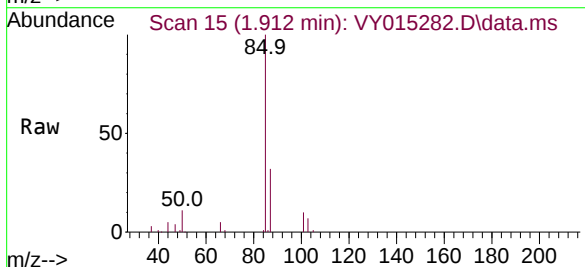
Instrument :
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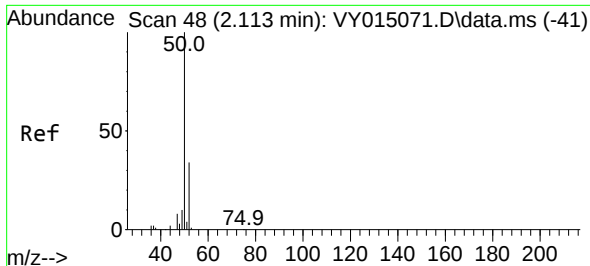
Tgt Ion:168 Resp: 142362
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.720 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 85 Resp: 27587
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

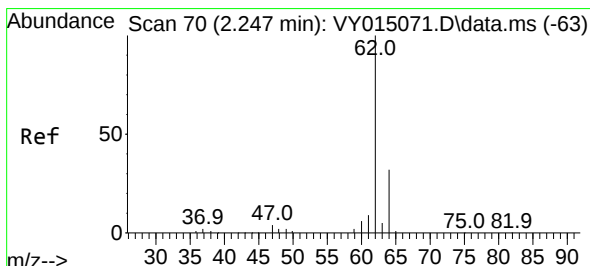
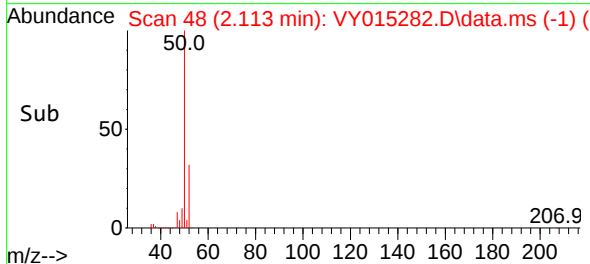
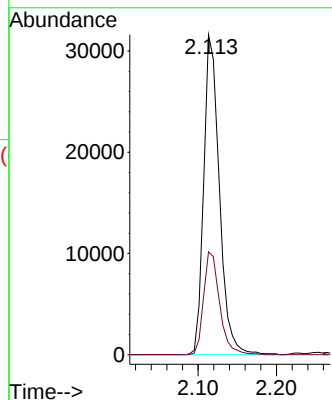
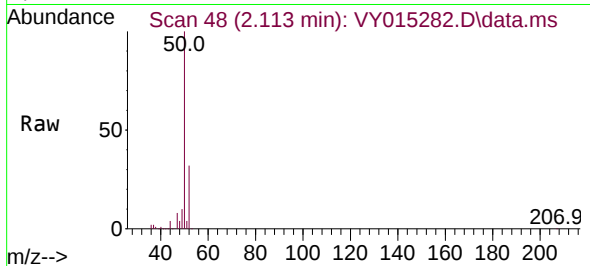




#3
Chloromethane
Concen: 51.795 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

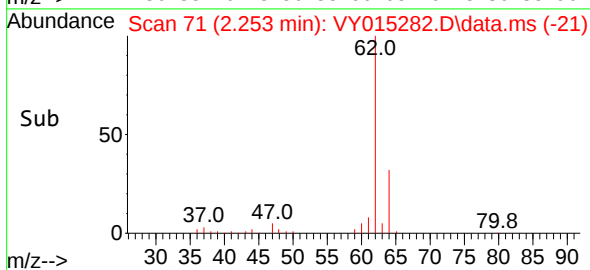
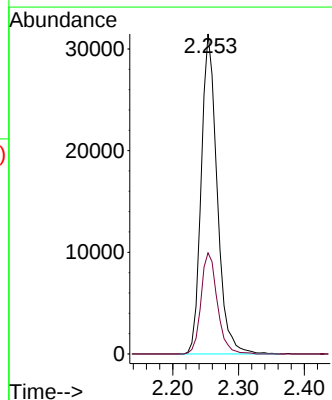
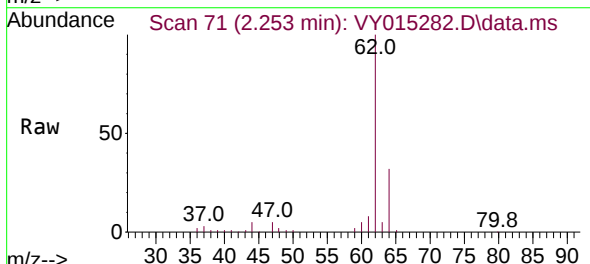
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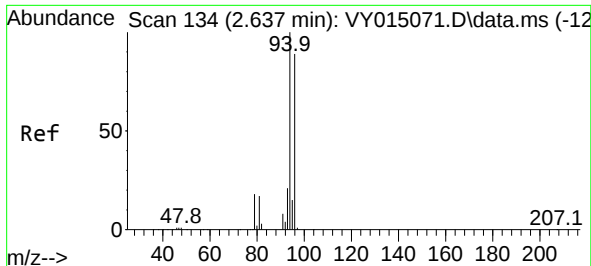
Tgt Ion: 50 Resp: 43920
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 46.773 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 62 Resp: 52985
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

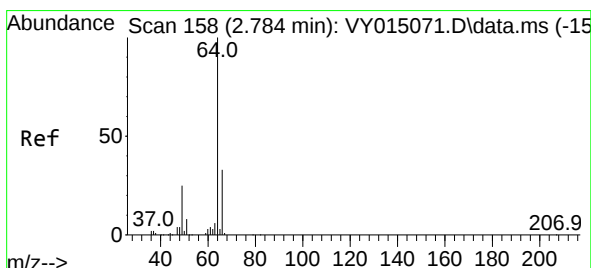
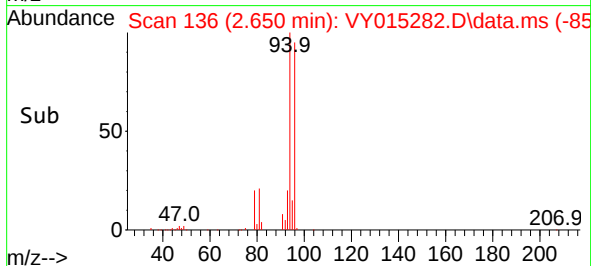
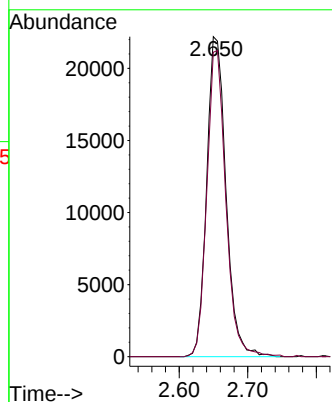
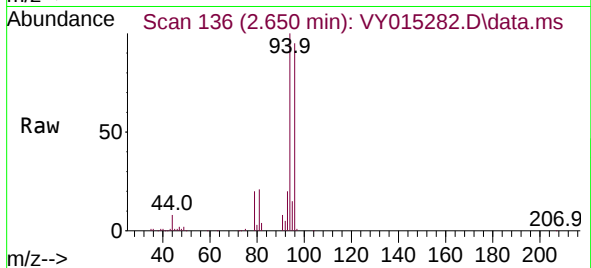




#5
Bromomethane
Concen: 55.719 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015282.D
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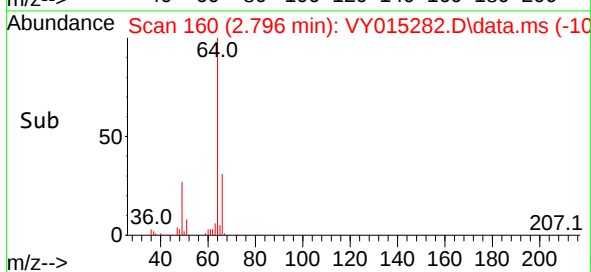
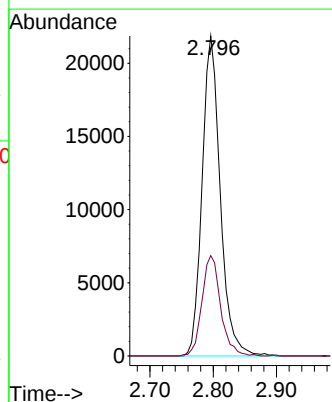
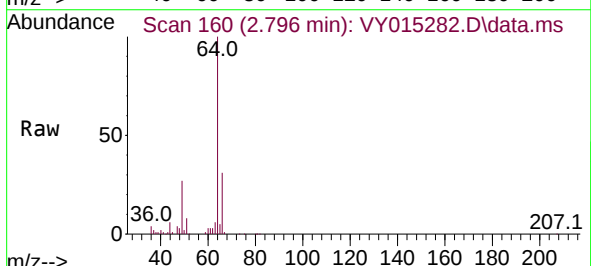
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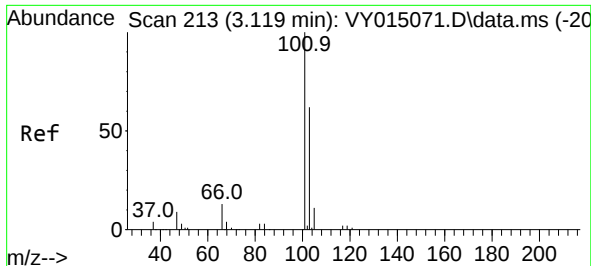
Tgt Ion: 94 Resp: 43497
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.6



#6
Chloroethane
Concen: 53.165 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.012 min
Lab File: VY015282.D
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Tgt Ion: 64 Resp: 43726
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

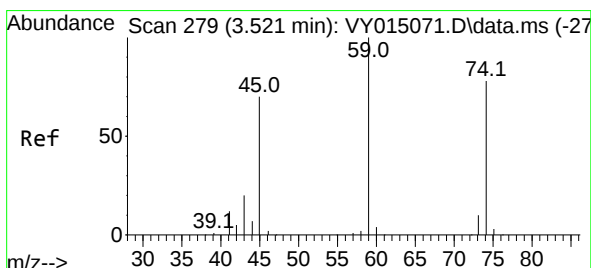
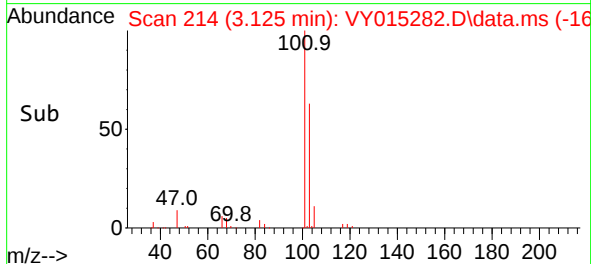
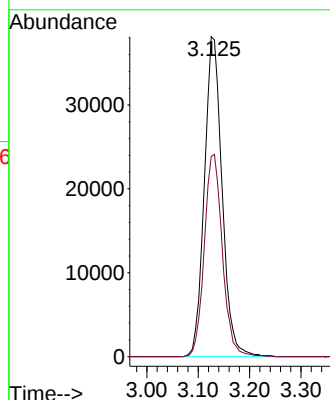
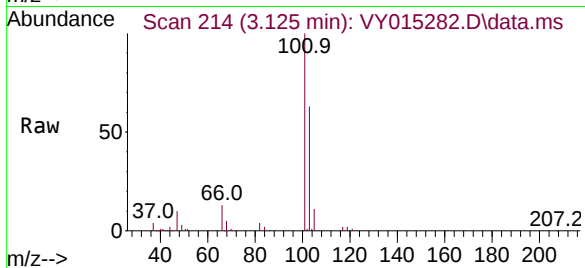




#7
 Trichlorofluoromethane
 Concen: 47.885 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY015282.D
 Acq: 23 Aug 2023 06:26

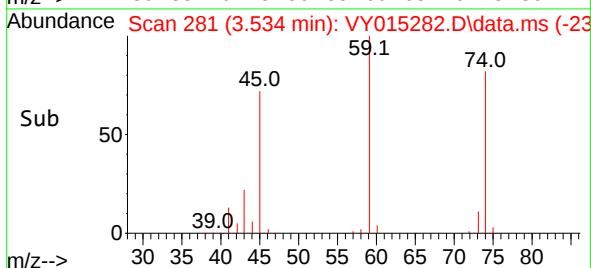
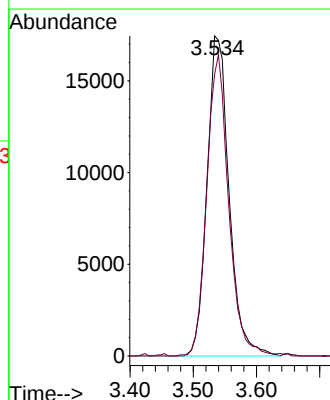
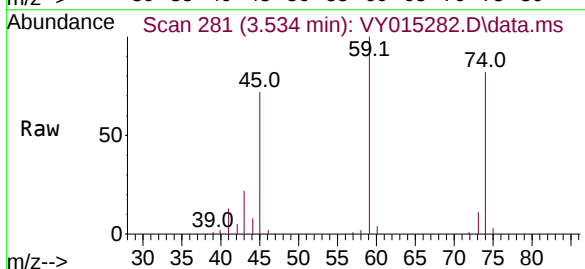
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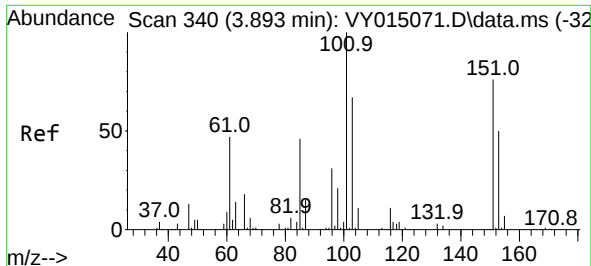
Tgt Ion:101 Resp: 91404
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 56.543 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 42329
 Ion Ratio Lower Upper
 74 100
 45 93.4 51.5 154.5

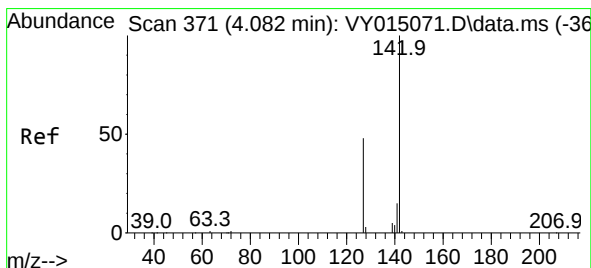
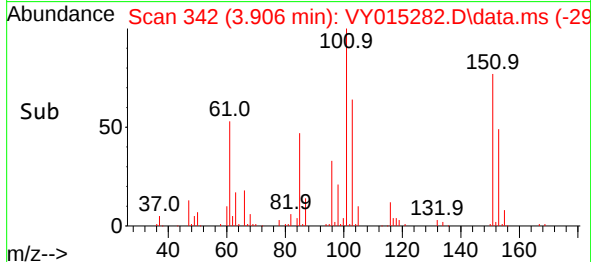
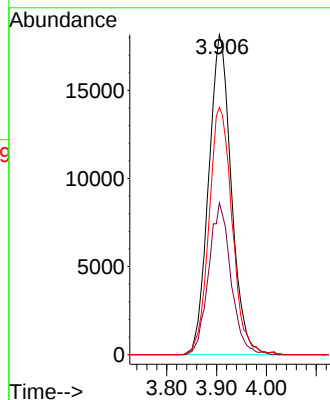
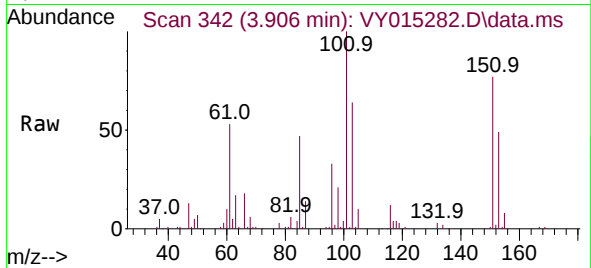




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.320 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.019 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

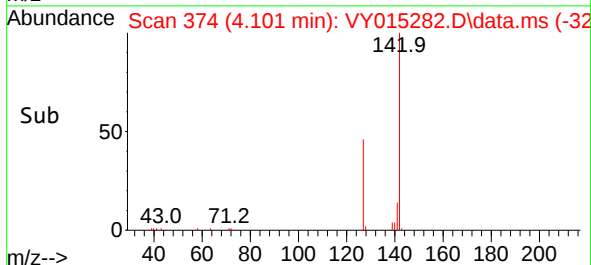
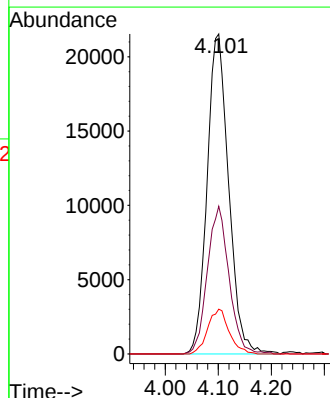
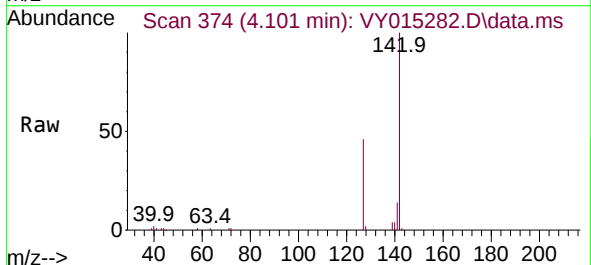
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

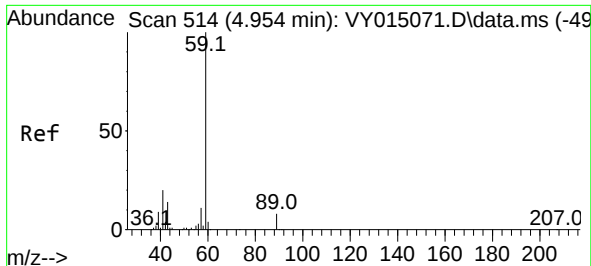
Tgt Ion:101 Resp: 57323
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 52.168 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:142 Resp: 60770
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 13.9 11.8 17.8

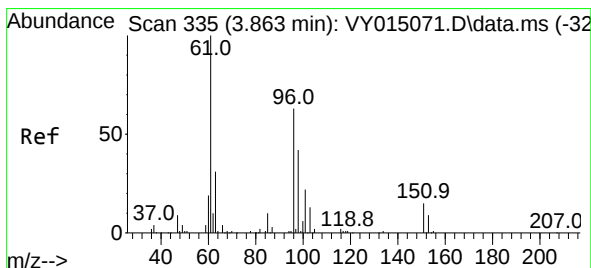
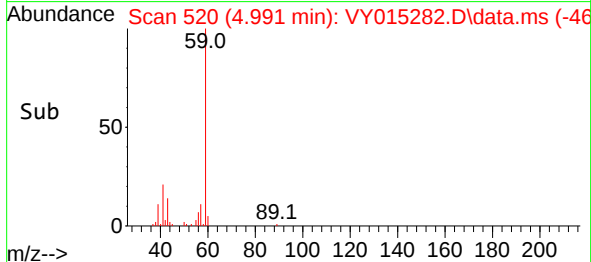
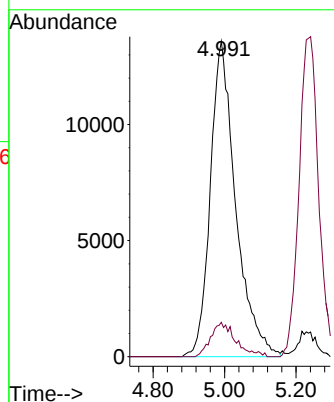
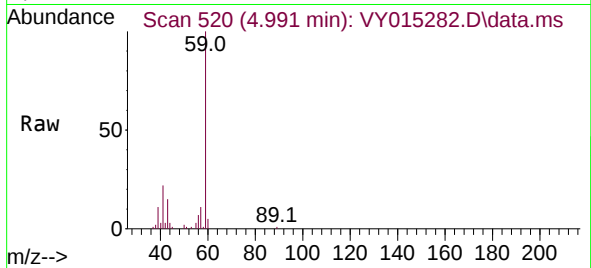




#11
Tert butyl alcohol
Concen: 237.107 ug/l
RT: 4.991 min Scan# 514
Delta R.T. 0.043 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

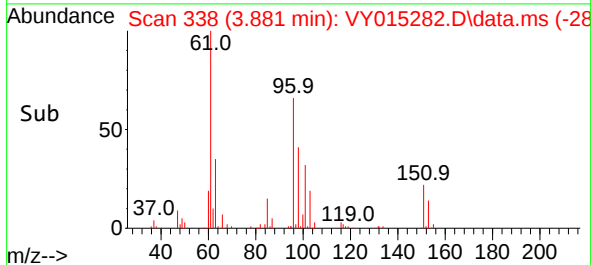
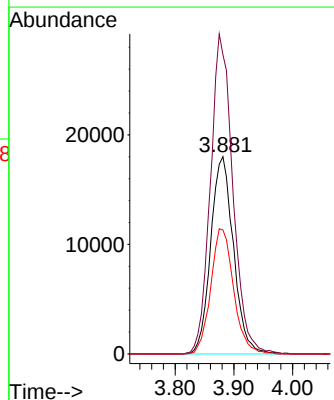
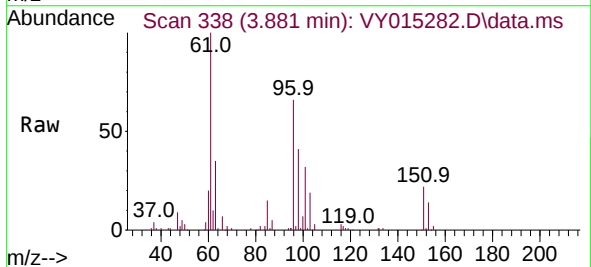
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

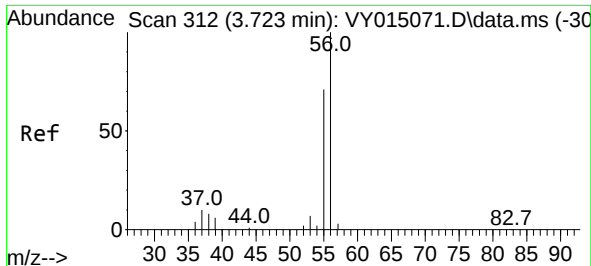
Tgt Ion: 59 Resp: 66946
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.035 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.019 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 96 Resp: 48575
Ion Ratio Lower Upper
96 100
61 151.7 136.4 204.6
98 62.9 49.4 74.2





#13

Acrolein

Concen: 105.399 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

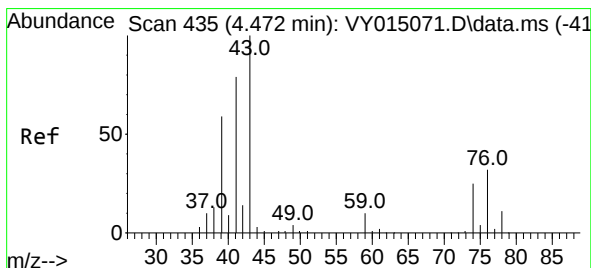
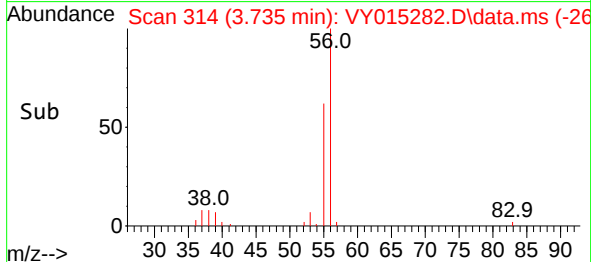
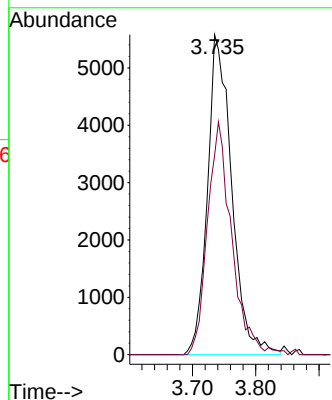
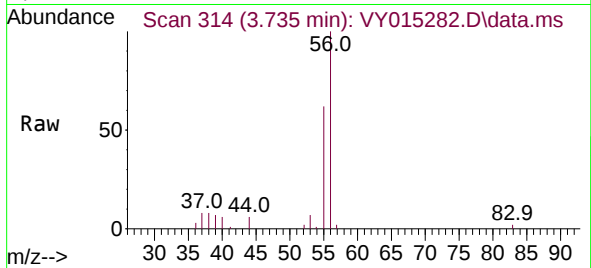
VSTDCCC050EC

Tgt Ion: 56 Resp: 14857

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 51.845 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

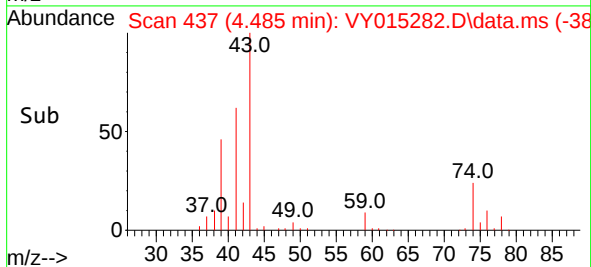
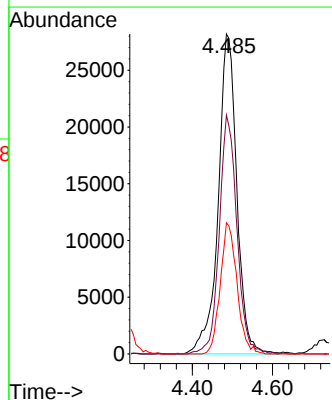
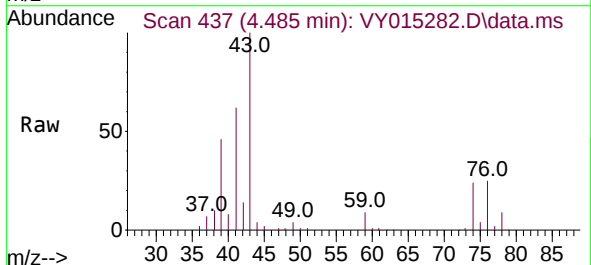
Tgt Ion: 41 Resp: 91056

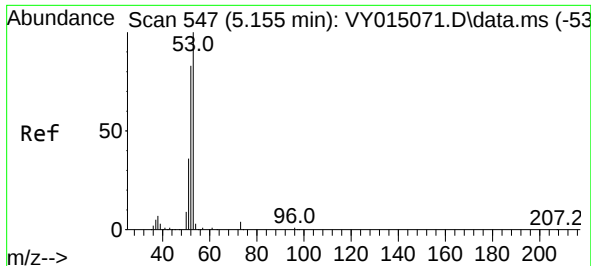
Ion Ratio Lower Upper

41 100

39 70.6 58.0 87.0

76 36.7 27.4 41.2

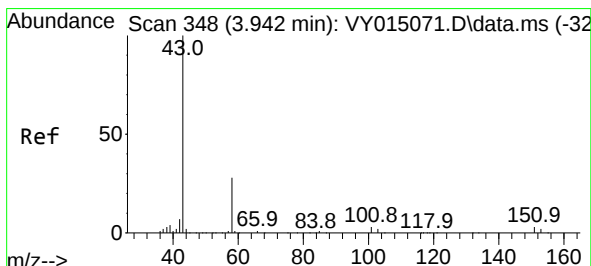
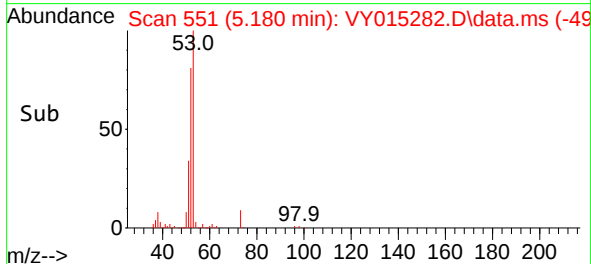
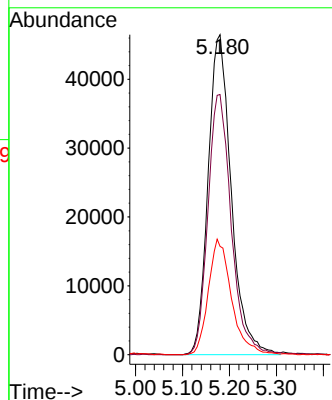
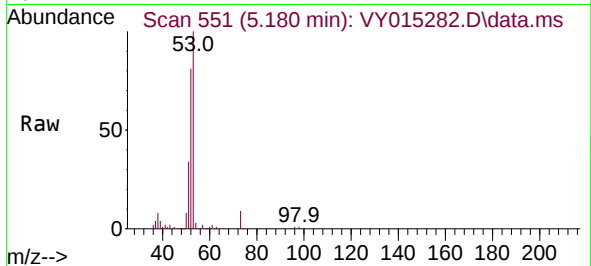




#15
Acrylonitrile
Concen: 313.042 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

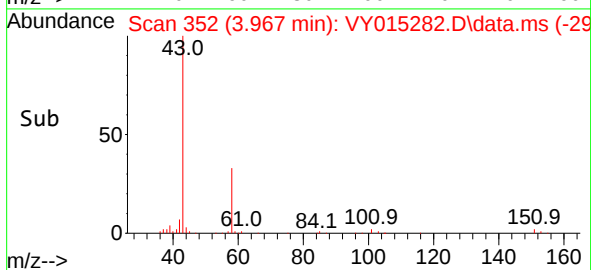
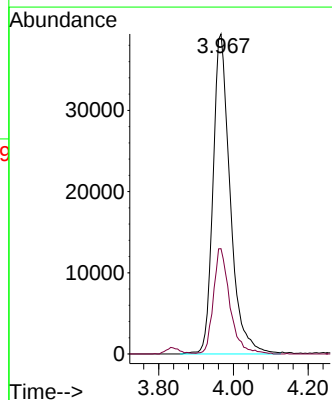
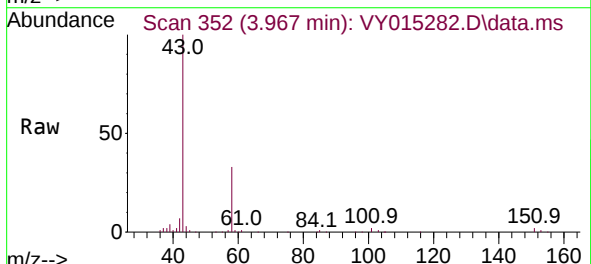
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

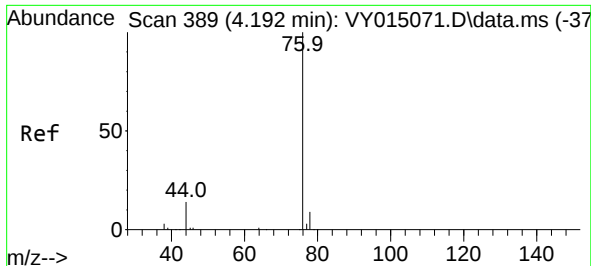
Tgt Ion: 53 Resp: 158813
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 224.945 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 43 Resp: 125582
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

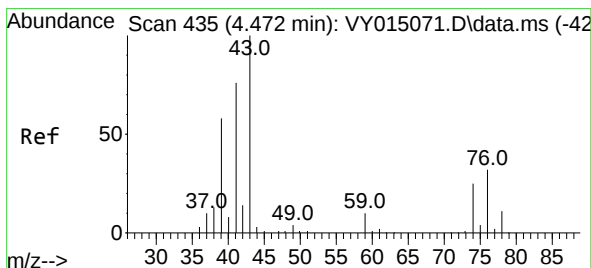
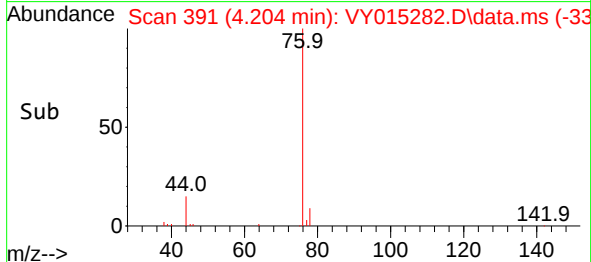
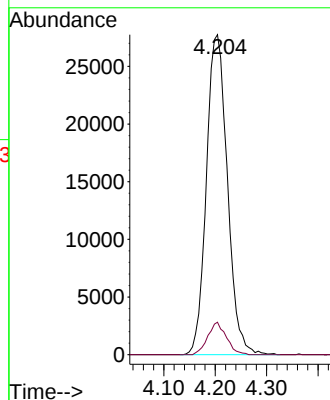
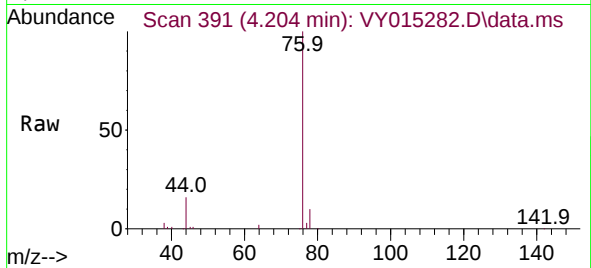




#17
Carbon Disulfide
Concen: 45.165 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.019 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

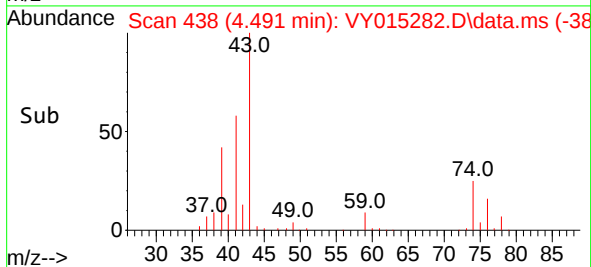
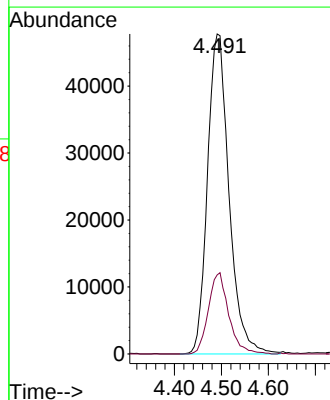
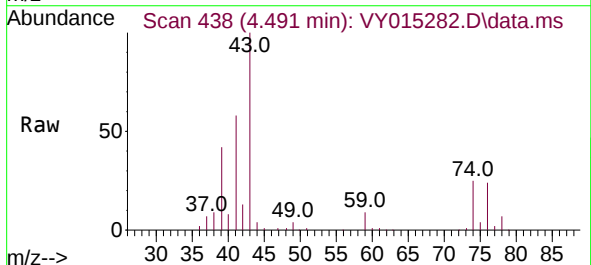
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

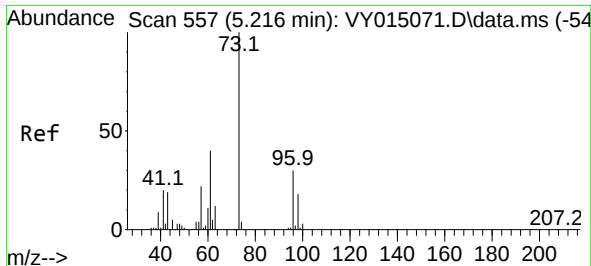
Tgt Ion: 76 Resp: 78738
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4



#18
Methyl Acetate
Concen: 74.168 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 43 Resp: 151737
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

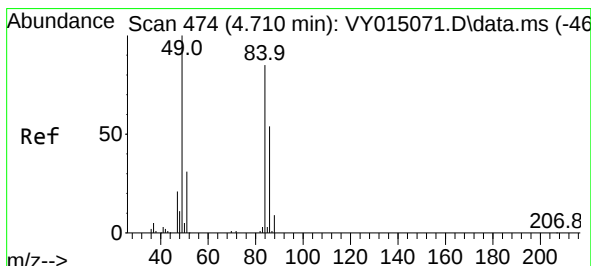
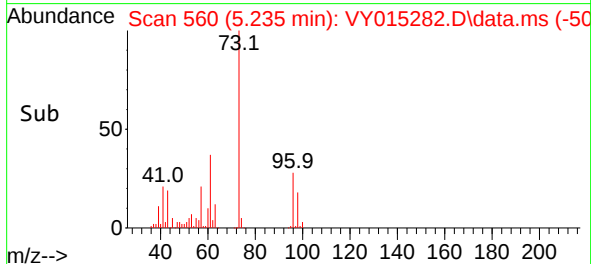
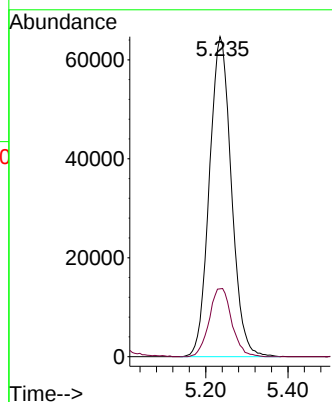
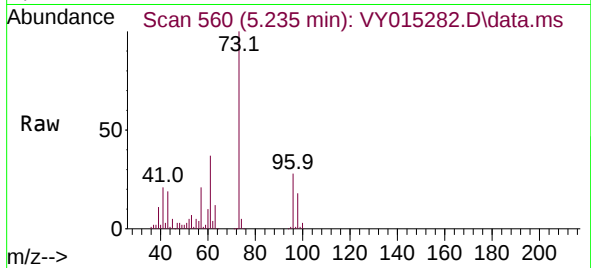




#19
Methyl tert-butyl Ether
Concen: 56.994 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

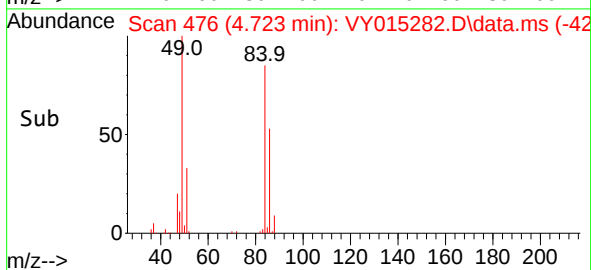
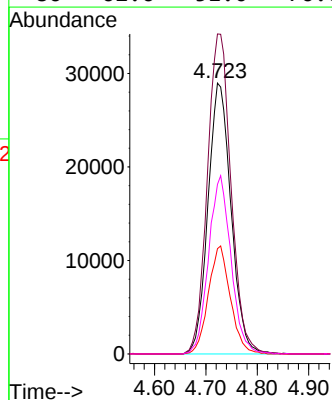
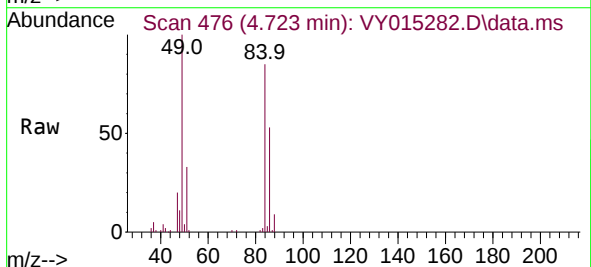
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

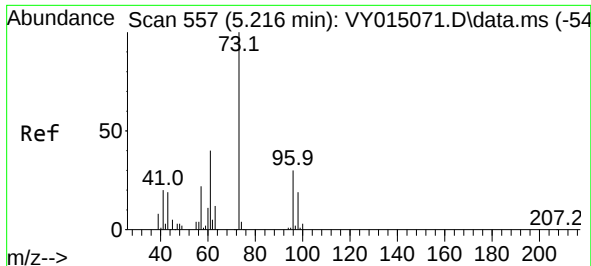
Tgt Ion: 73 Resp: 240064
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 69.073 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 84 Resp: 90252
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 38.9 33.2 49.8
86 62.6 51.0 76.6

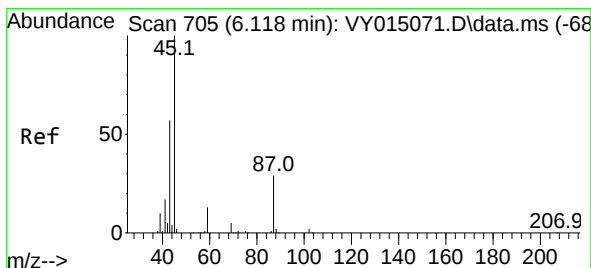
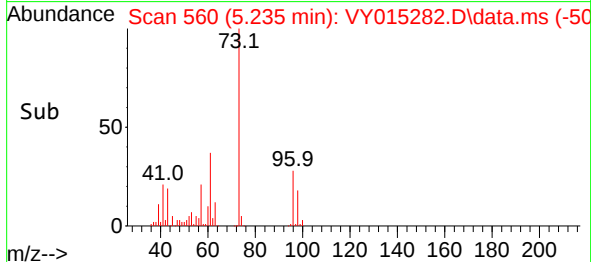
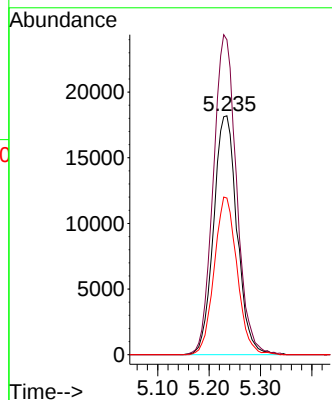
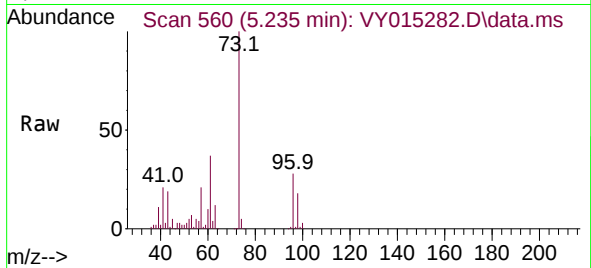




#21
trans-1,2-Dichloroethene
Concen: 51.629 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

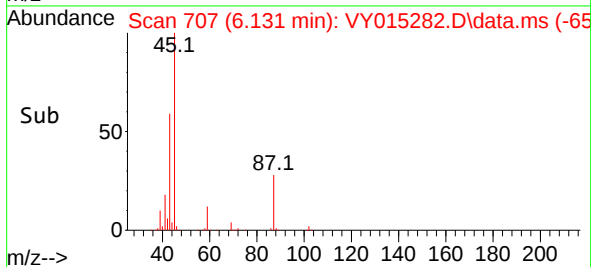
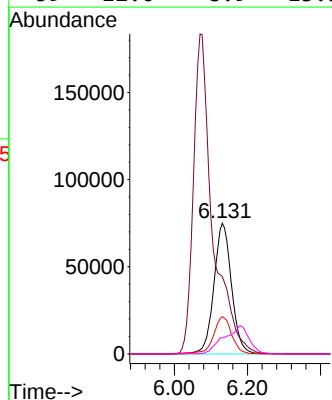
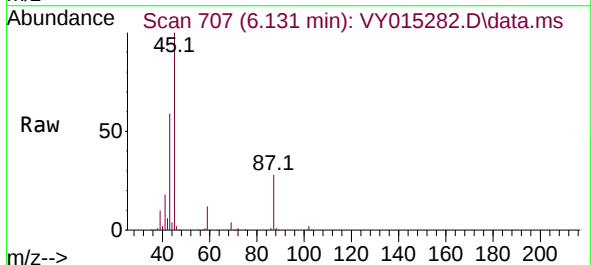
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

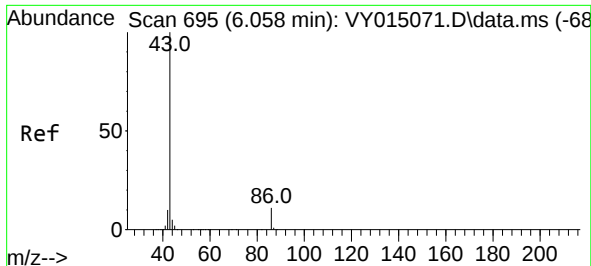
Tgt Ion: 96 Resp: 57690
Ion Ratio Lower Upper
96 100
61 131.8 110.2 165.4
98 65.6 51.8 77.6



#22
Diisopropyl ether
Concen: 57.073 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.019 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 45 Resp: 250124
Ion Ratio Lower Upper
45 100
43 58.9 52.2 78.4
87 28.5 21.0 31.6
59 12.0 8.9 13.3

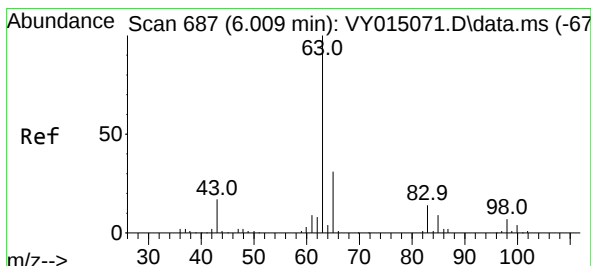
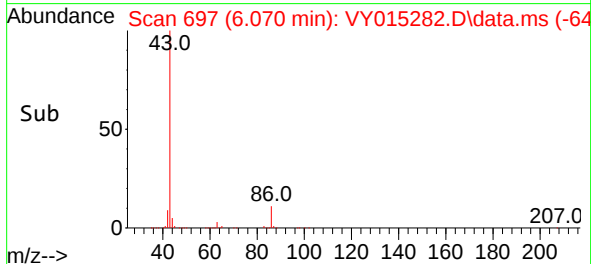
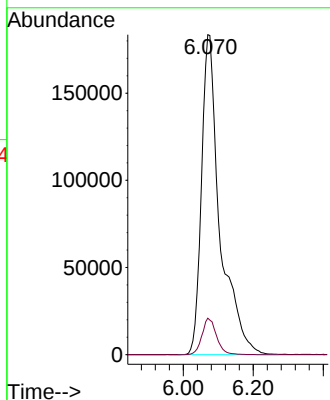
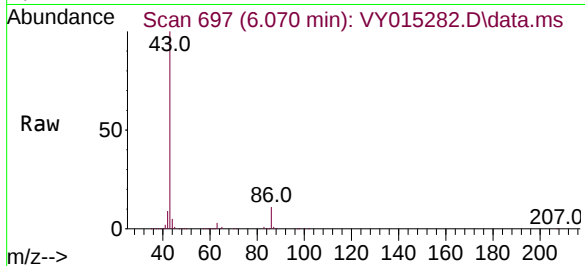




#23
 Vinyl Acetate
 Concen: 256.550 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY015282.D
 Acq: 23 Aug 2023 06:26

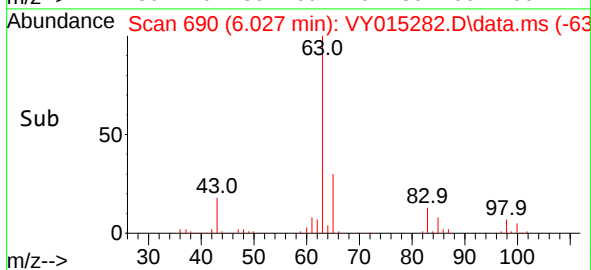
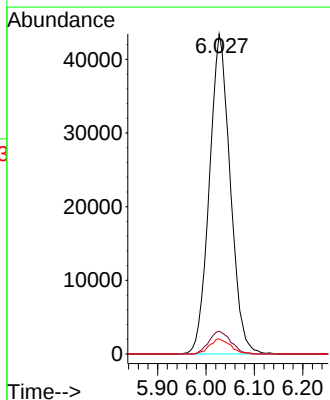
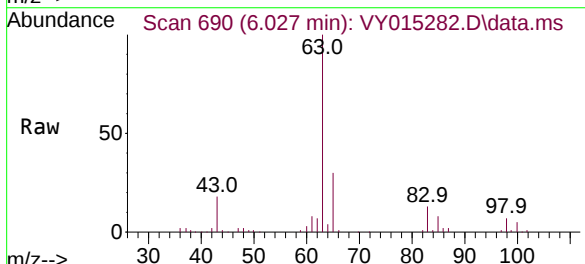
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

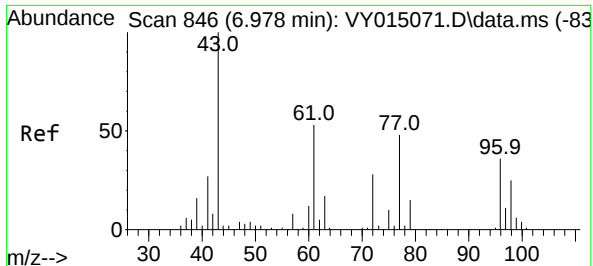
Tgt Ion: 43 Resp: 670876
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 54.981 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.019 min
 Lab File: VY015282.D
 Acq: 23 Aug 2023 06:26

Tgt Ion: 63 Resp: 130451
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 279.074 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

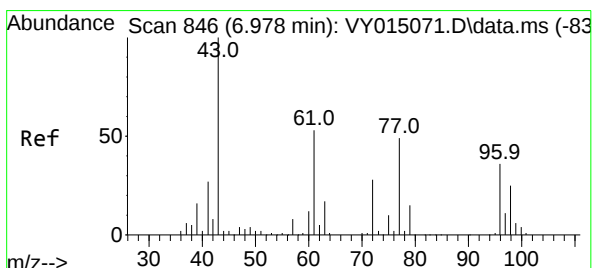
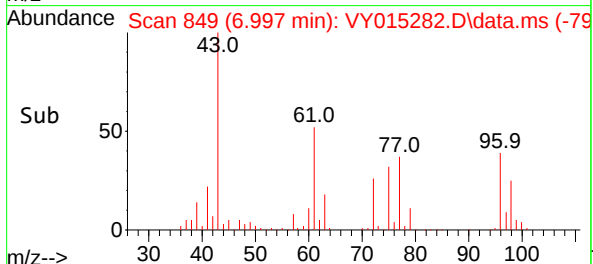
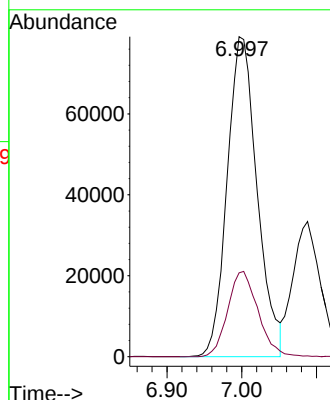
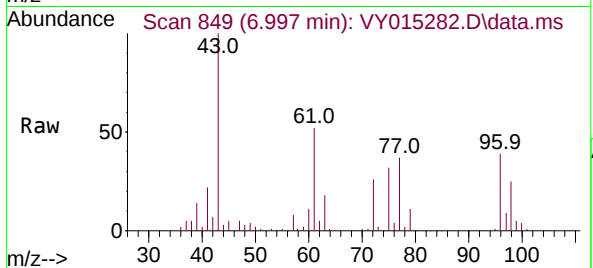
VSTDCCC050EC

Tgt Ion: 43 Resp: 220598

Ion Ratio Lower Upper

43 100

72 26.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 40.423 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015282.D

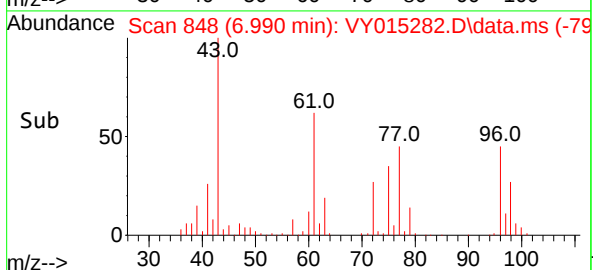
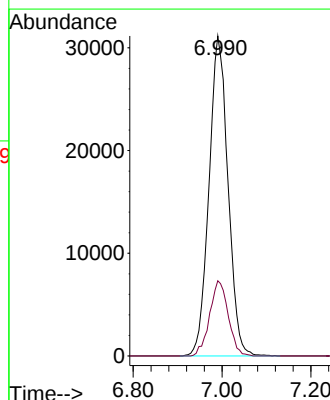
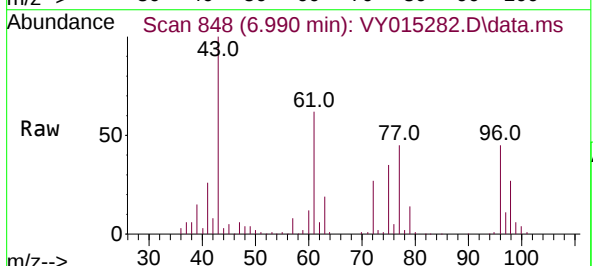
Acq: 23 Aug 2023 06:26

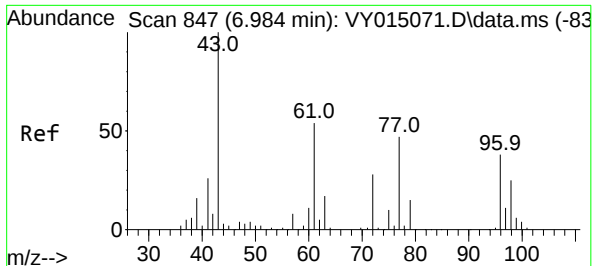
Tgt Ion: 77 Resp: 92458

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.207 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

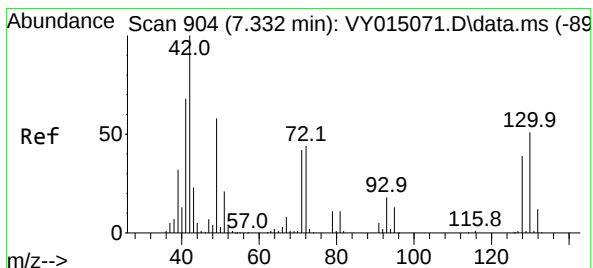
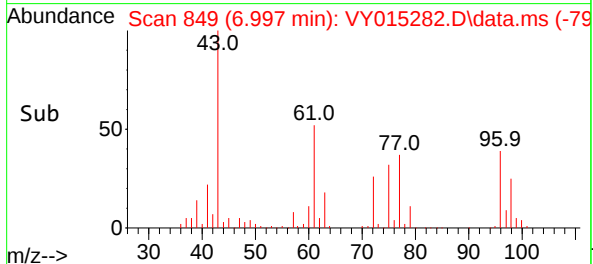
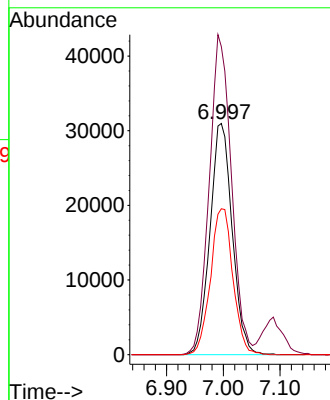
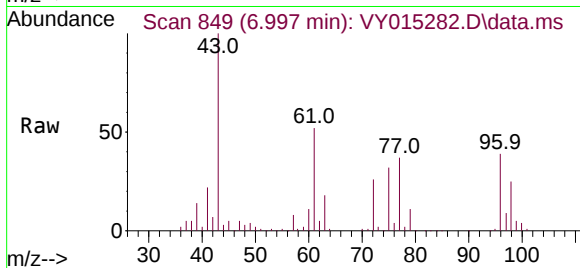
Tgt Ion: 96 Resp: 84267

Ion Ratio Lower Upper

96 100

61 138.0 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 56.644 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

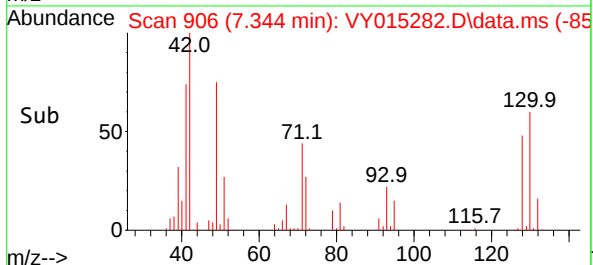
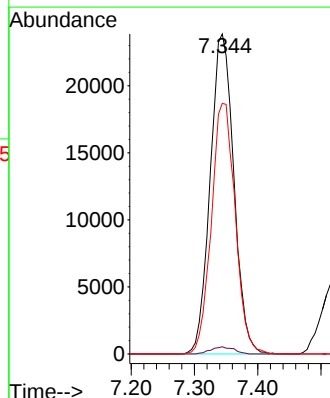
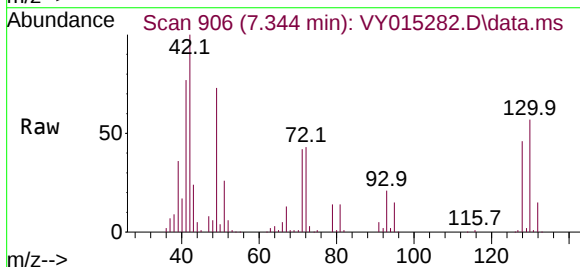
Tgt Ion: 49 Resp: 61746

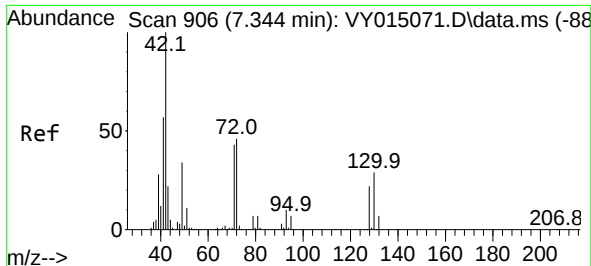
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 79.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 302.095 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

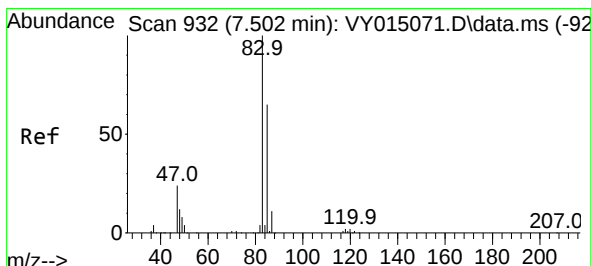
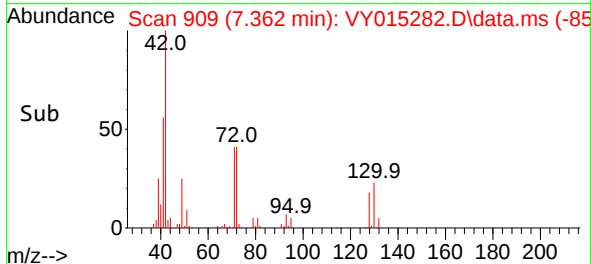
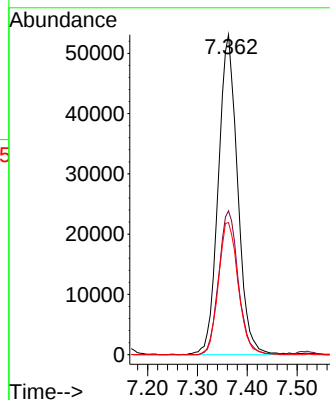
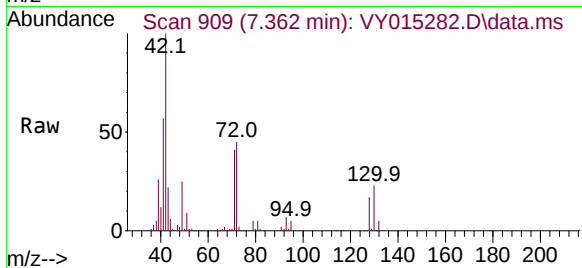
Tgt Ion: 42 Resp: 142786

Ion Ratio Lower Upper

42 100

72 45.5 32.8 49.2

71 42.4 31.0 46.4



#30

Chloroform

Concen: 55.513 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.013 min

Lab File: VY015282.D

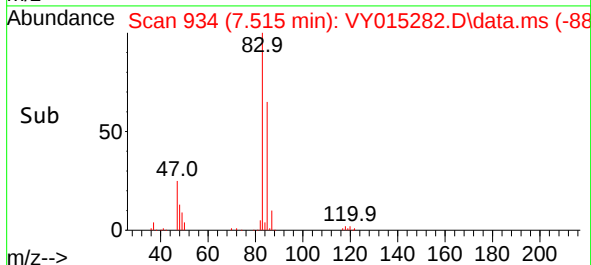
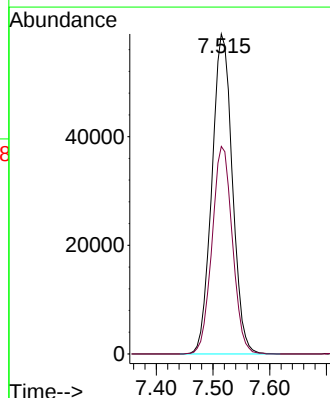
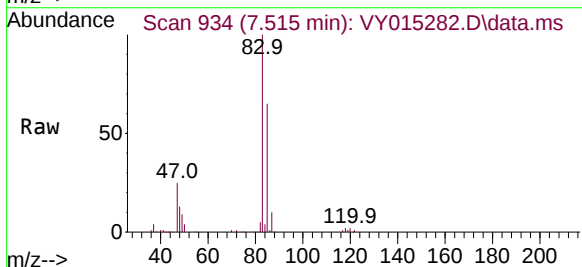
Acq: 23 Aug 2023 06:26

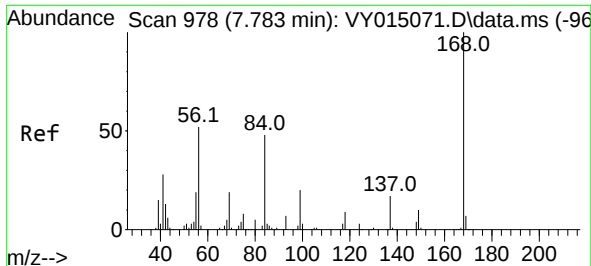
Tgt Ion: 83 Resp: 147652

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

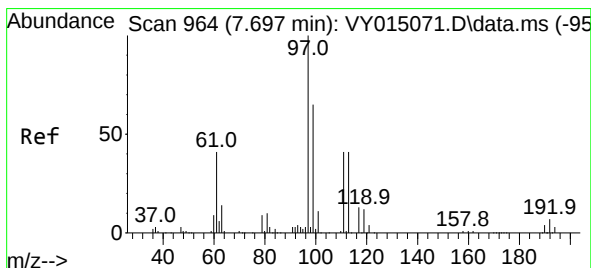
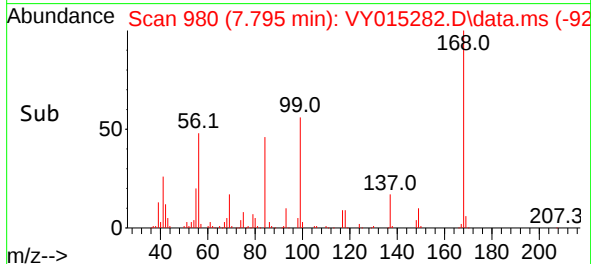
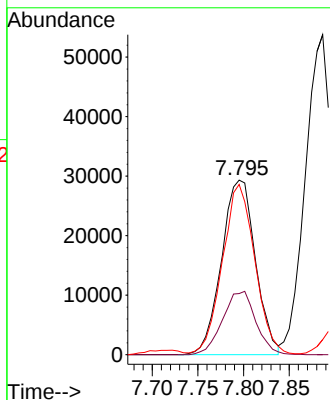
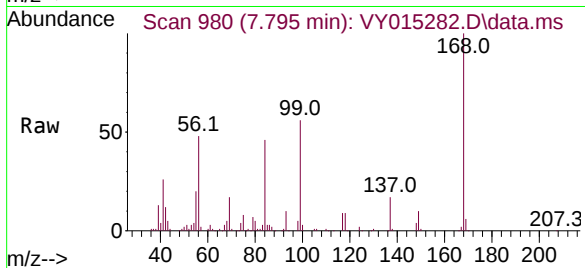




#31
Cyclohexane
Concen: 49.560 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

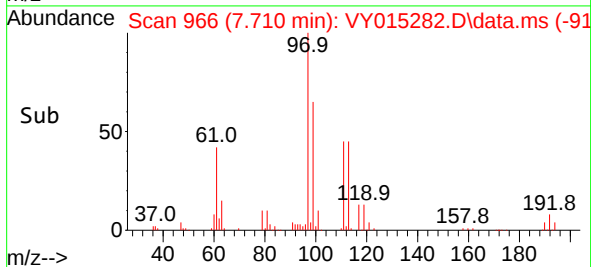
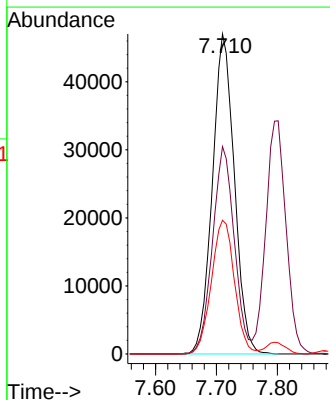
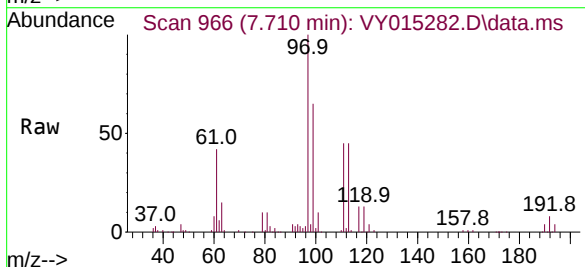
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

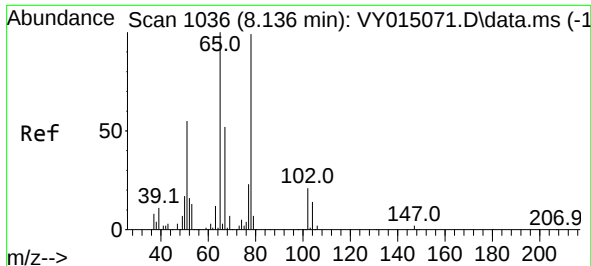
Tgt Ion: 56 Resp: 75685
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 95.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.051 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 97 Resp: 117808
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 58.618 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

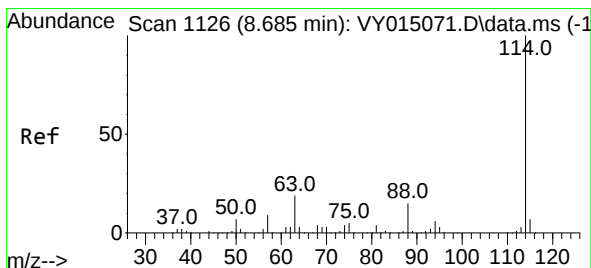
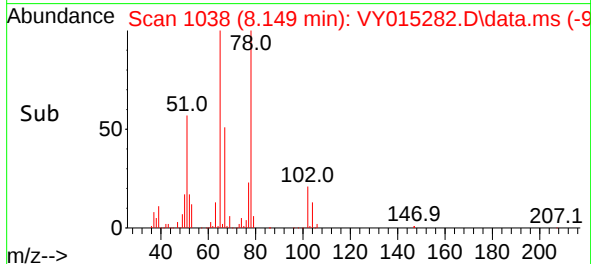
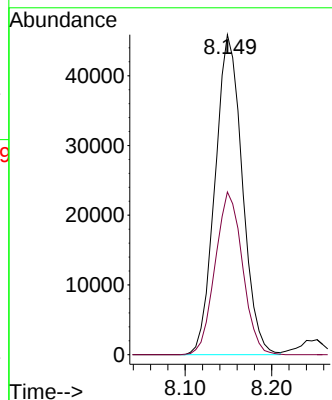
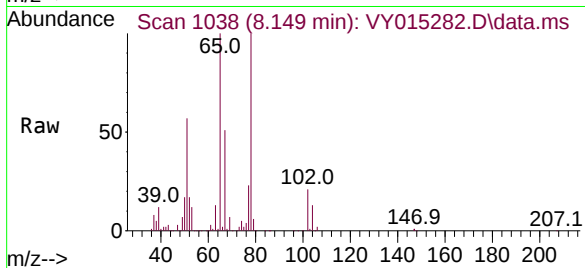
VSTDCCC050EC

Tgt Ion: 65 Resp: 100173

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

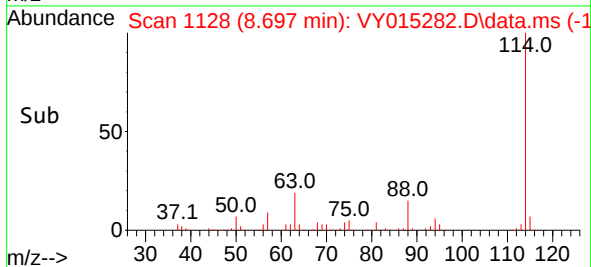
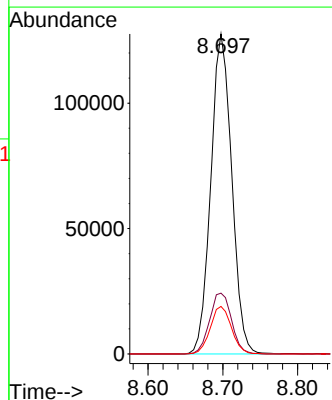
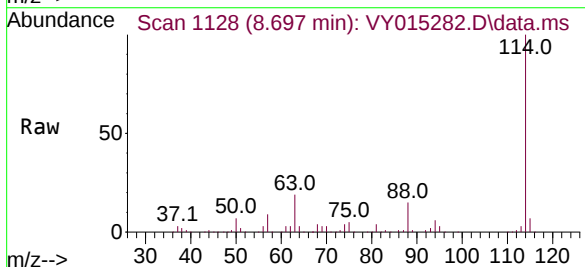
Tgt Ion: 114 Resp: 248321

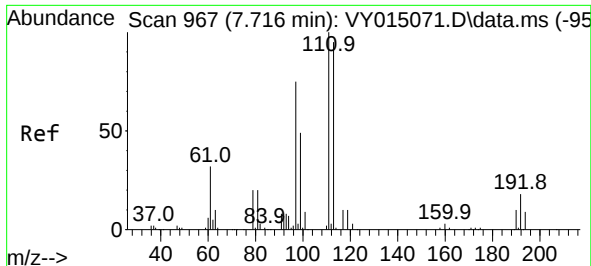
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6

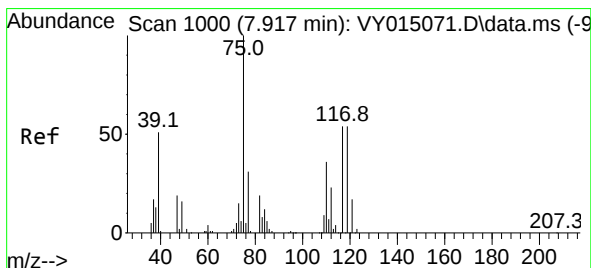
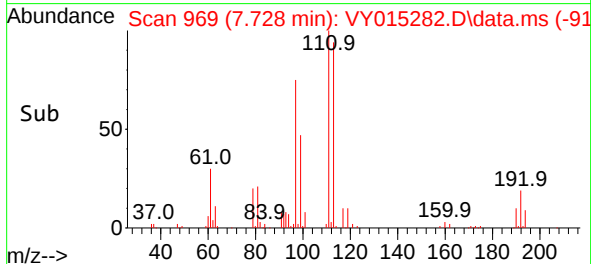
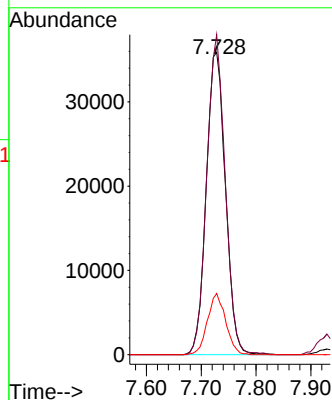
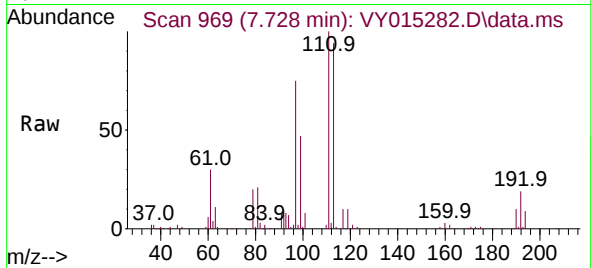




#35
Dibromofluoromethane
Concen: 54.544 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

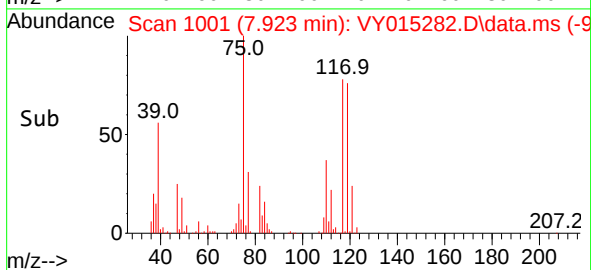
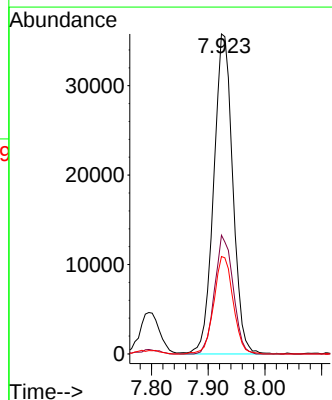
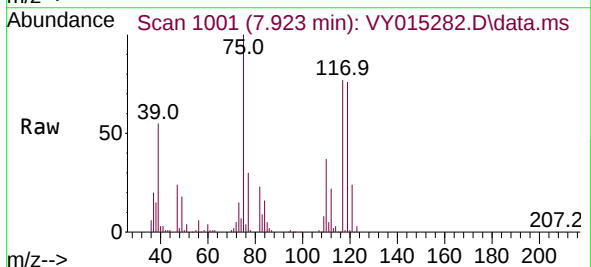
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

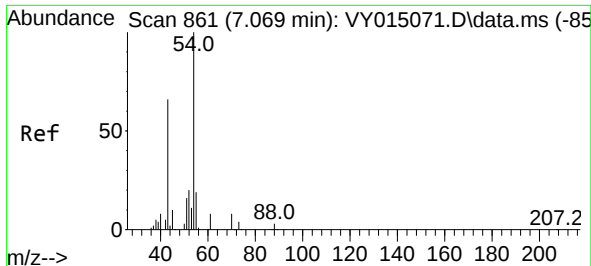
Tgt Ion:113 Resp: 87136
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.306 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 75 Resp: 83607
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 53.735 ug/l

RT: 7.088 min Scan# 861

Delta R.T. 0.019 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

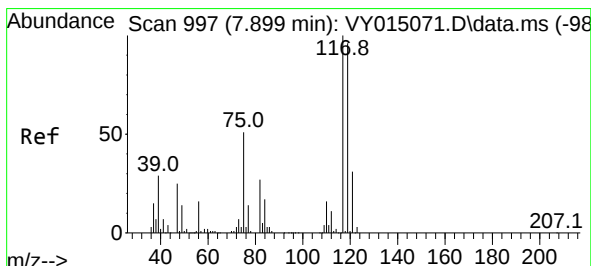
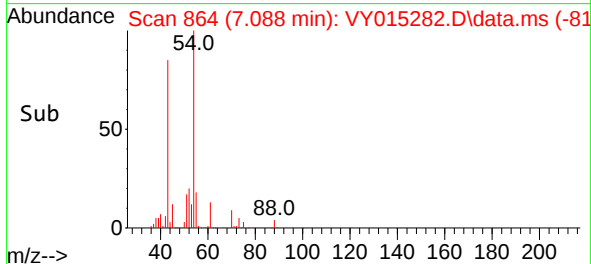
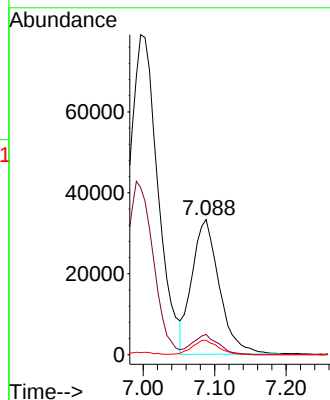
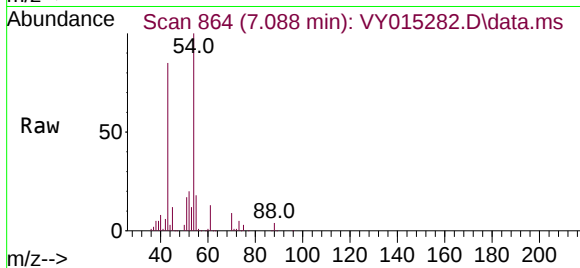
Tgt Ion: 43 Resp: 88524

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 46.243 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

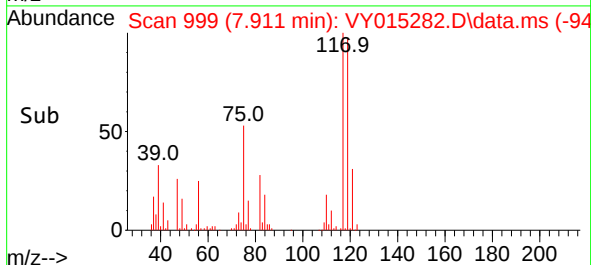
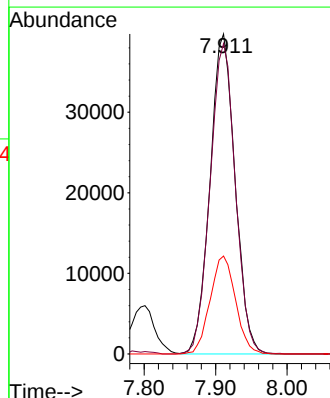
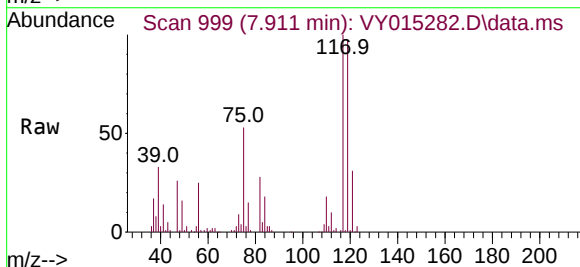
Tgt Ion: 117 Resp: 96725

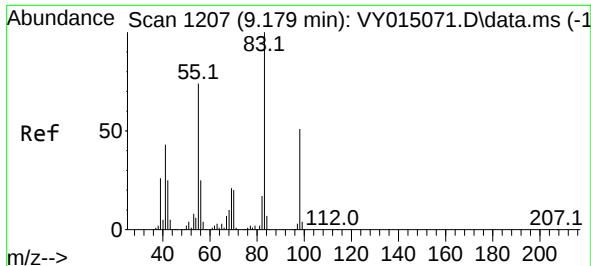
Ion Ratio Lower Upper

117 100

119 96.8 76.4 114.6

121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 44.648 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

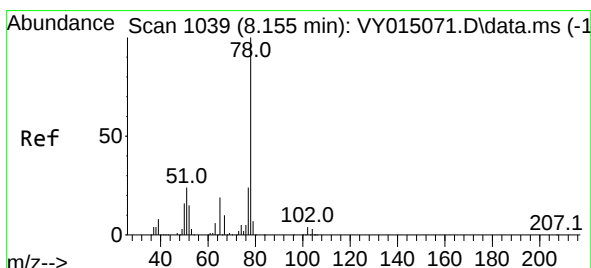
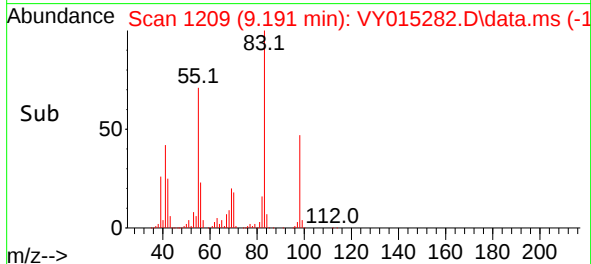
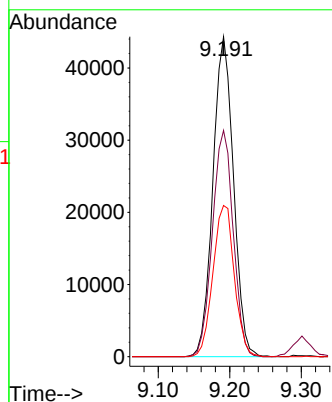
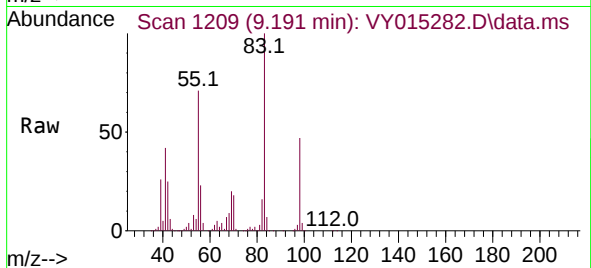
Tgt Ion: 83 Resp: 88461

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 47.3 37.4 56.2



#40

Benzene

Concen: 51.377 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015282.D

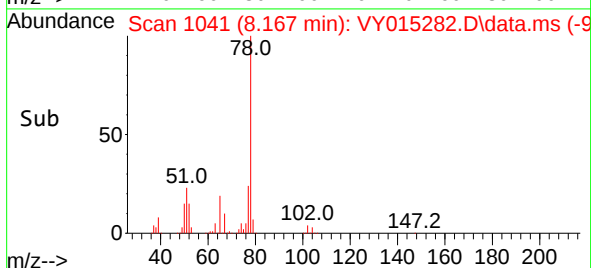
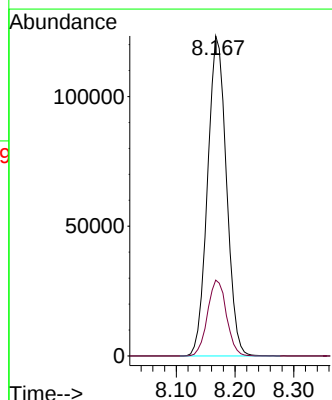
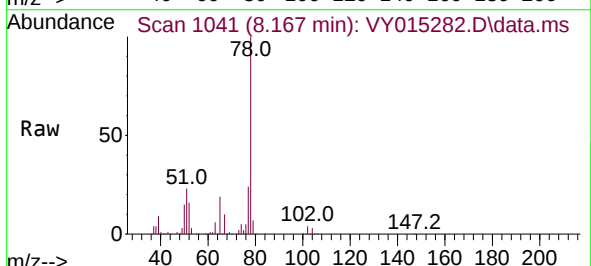
Acq: 23 Aug 2023 06:26

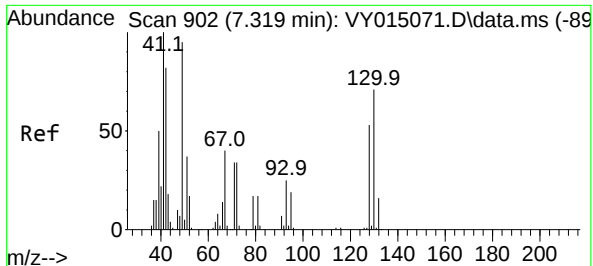
Tgt Ion: 78 Resp: 274526

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

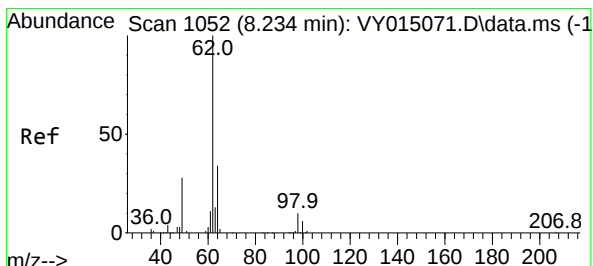
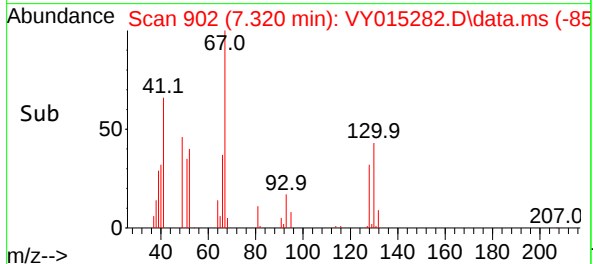
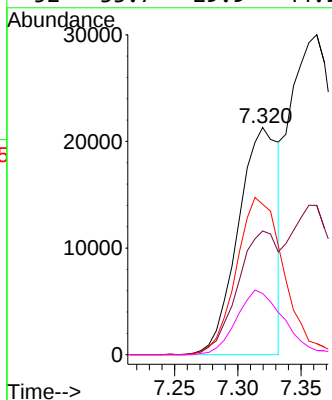
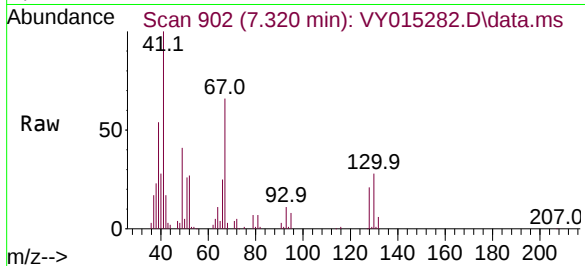




#41
Methacrylonitrile
Concen: 55.472 ug/l
RT: 7.320 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

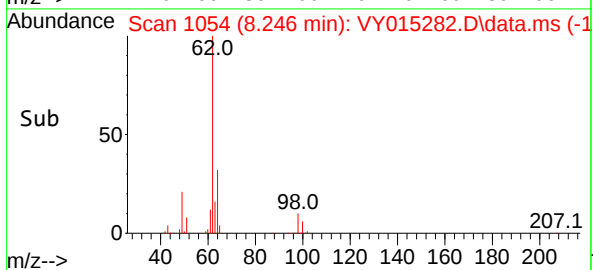
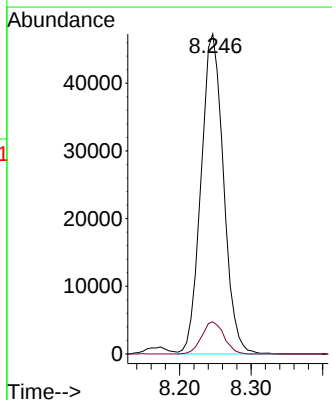
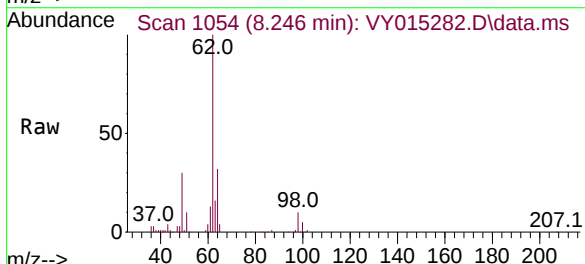
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

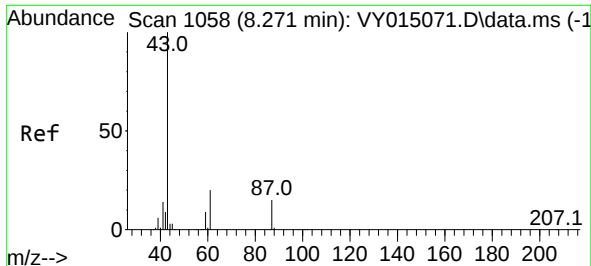
Tgt Ion:	41	Resp:	47123
Ion	Ratio	Lower	Upper
41	100		
39	54.7	52.1	78.1
67	81.5	66.2	99.2
52	33.7	29.9	44.9



#42
1,2-Dichloroethane
Concen: 53.236 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:	62	Resp:	103310
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

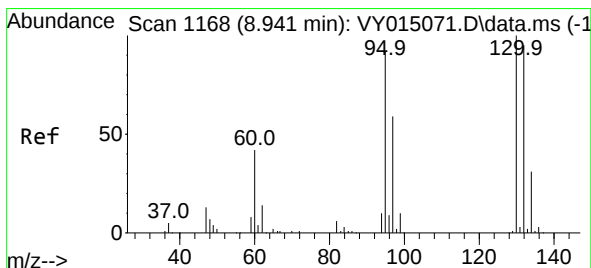
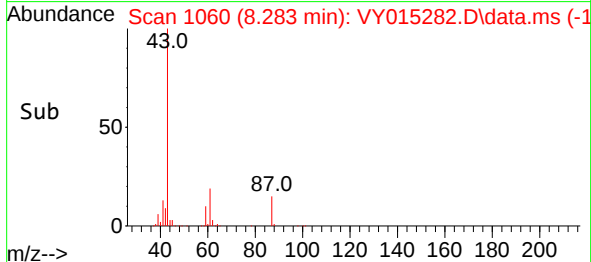
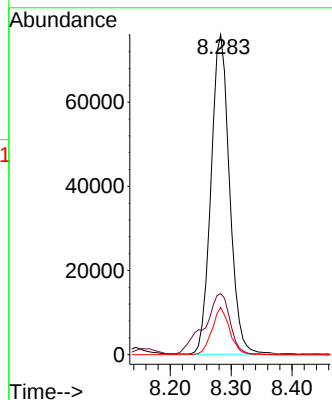
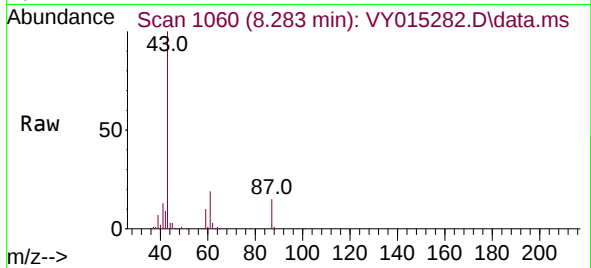




#43
Isopropyl Acetate
Concen: 53.416 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

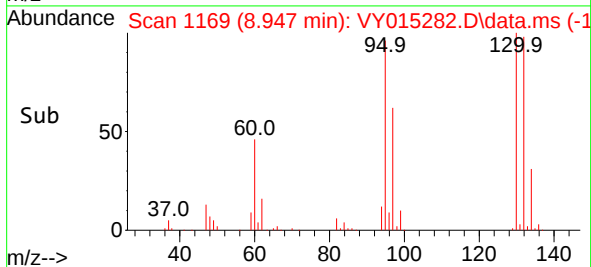
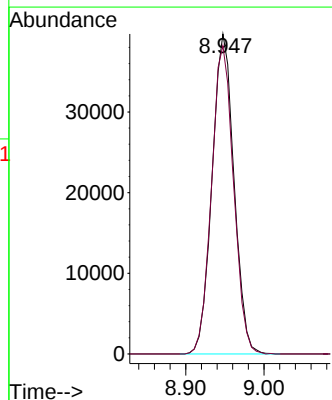
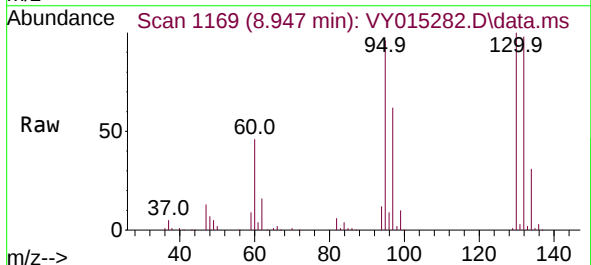
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

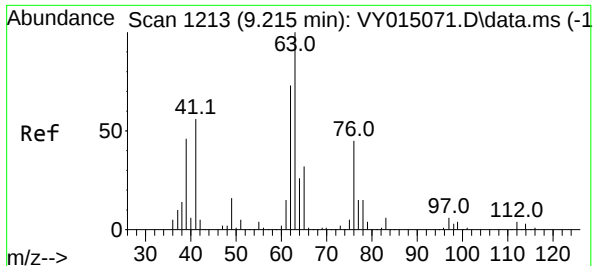
Tgt Ion: 43 Resp: 160249
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 50.083 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:130 Resp: 77099
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.889 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

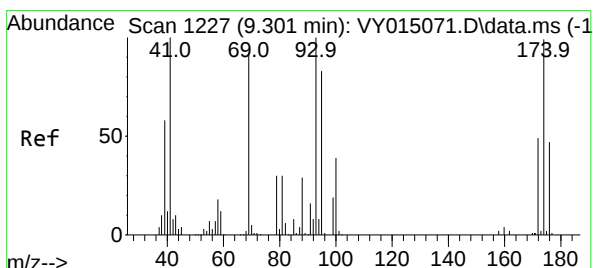
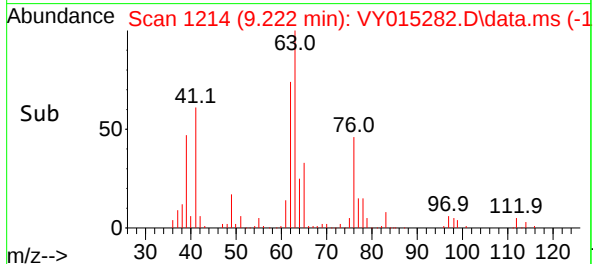
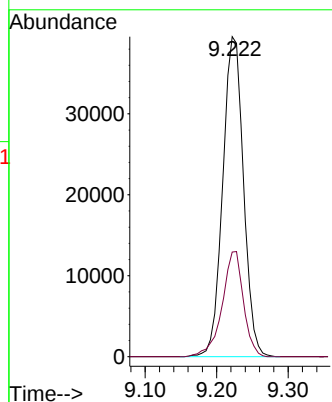
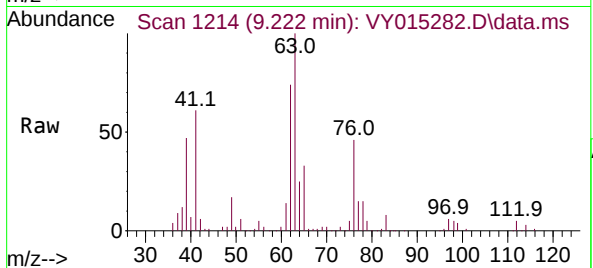
VSTDCCC050EC

Tgt Ion: 63 Resp: 79692

Ion Ratio Lower Upper

63 100

65 32.7 23.8 35.6



#46

Dibromomethane

Concen: 54.159 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

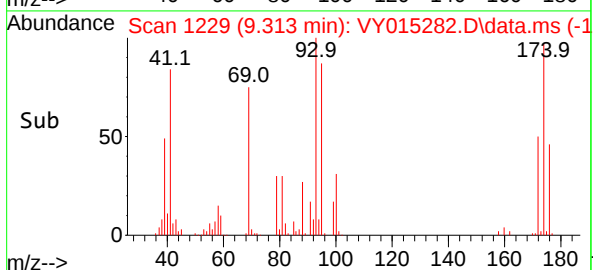
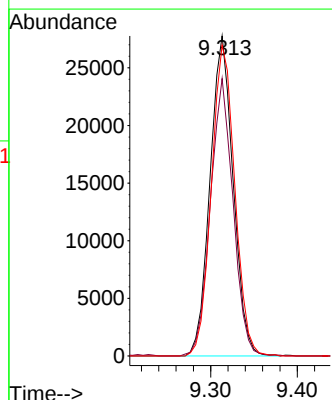
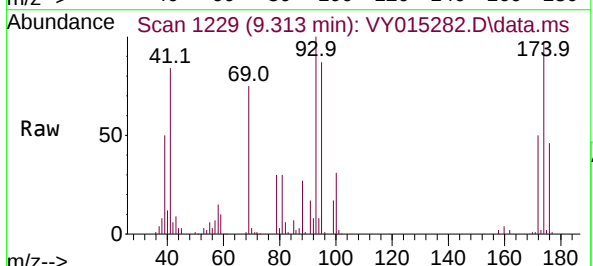
Tgt Ion: 93 Resp: 51468

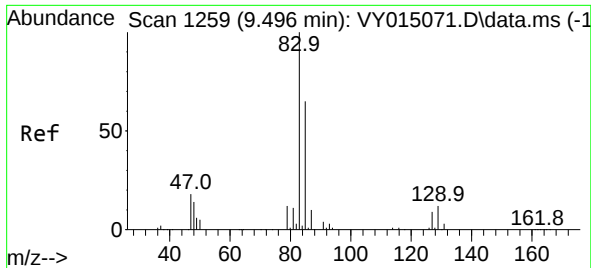
Ion Ratio Lower Upper

93 100

95 85.1 66.6 100.0

174 98.3 84.8 127.2

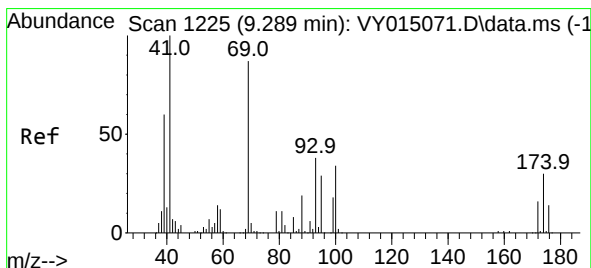
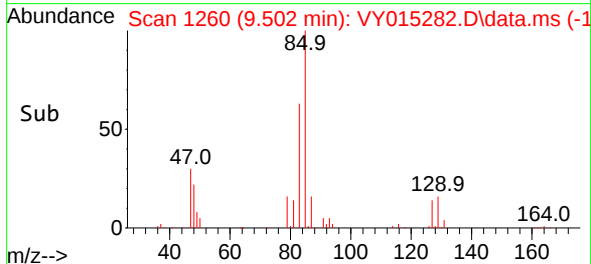
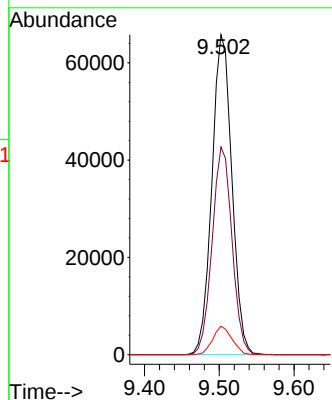
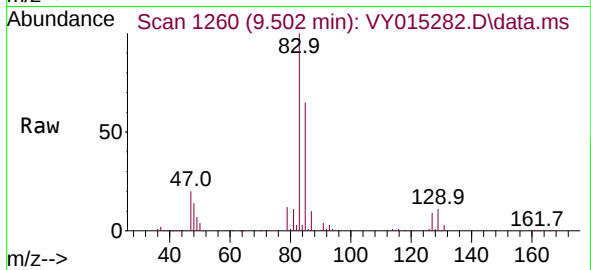




#47
Bromodichloromethane
Concen: 53.861 ug/l
RT: 9.502 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

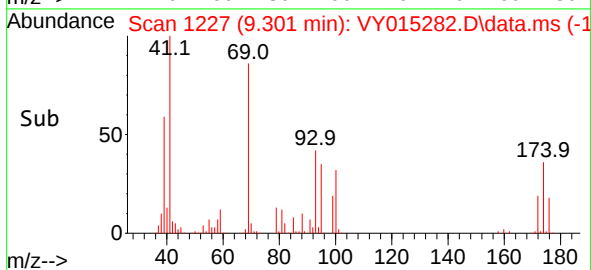
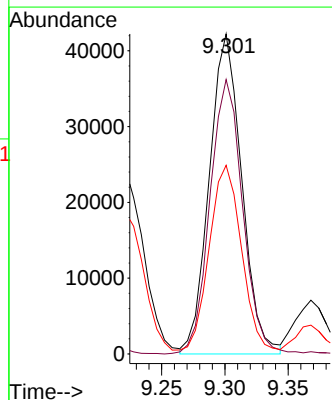
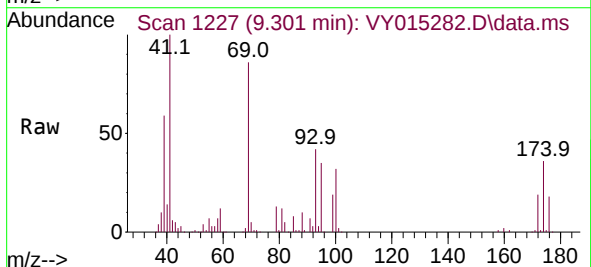
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

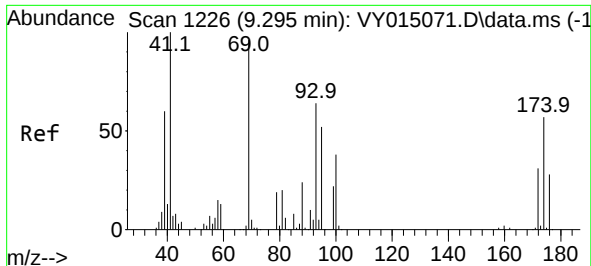
Tgt Ion: 83 Resp: 122142
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 58.773 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 41 Resp: 75426
Ion Ratio Lower Upper
41 100
69 86.3 64.5 96.7
39 59.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1089.289 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.019 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

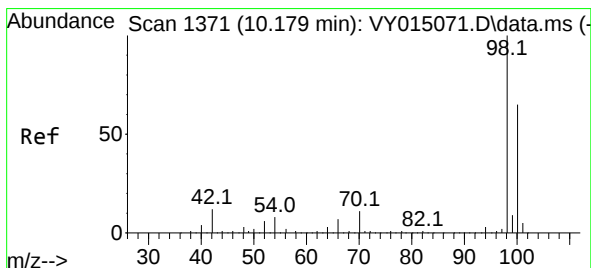
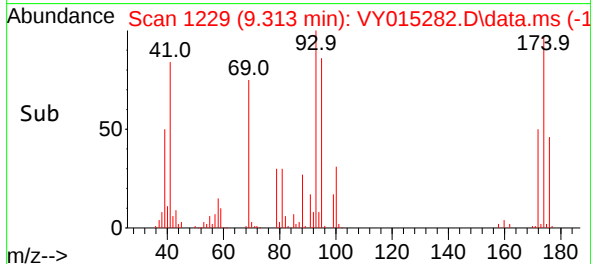
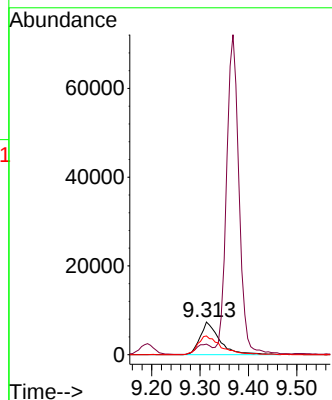
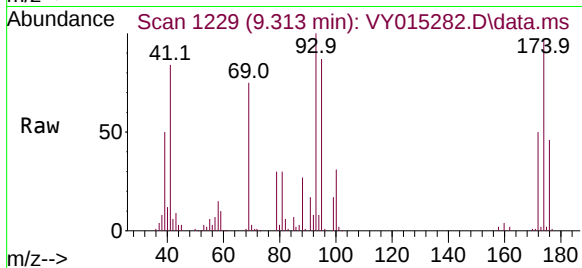
Tgt Ion: 88 Resp: 20700

Ion Ratio Lower Upper

88 100

43 24.1 0.0 0.0#

58 66.6 30.9 46.3#



#50

Toluene-d8

Concen: 52.229 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015282.D

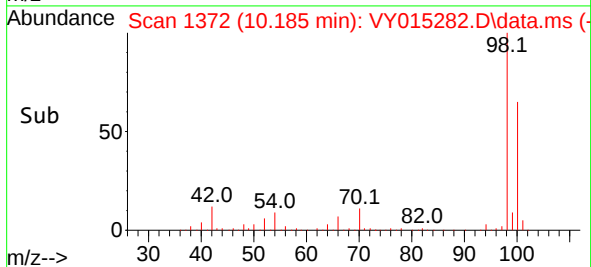
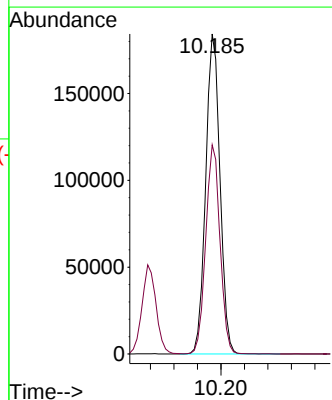
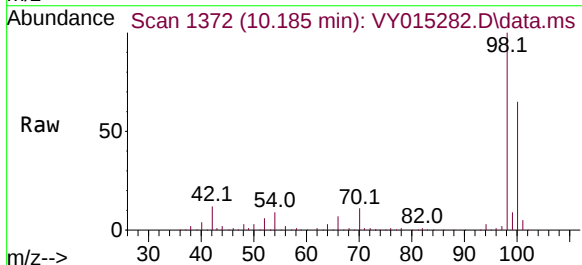
Acq: 23 Aug 2023 06:26

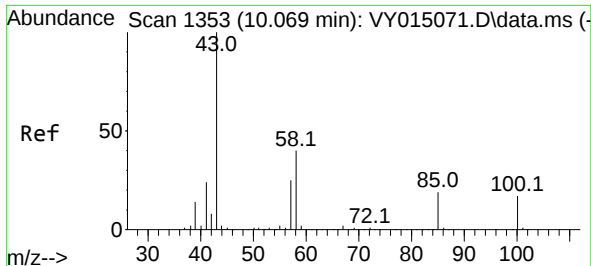
Tgt Ion: 98 Resp: 310600

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

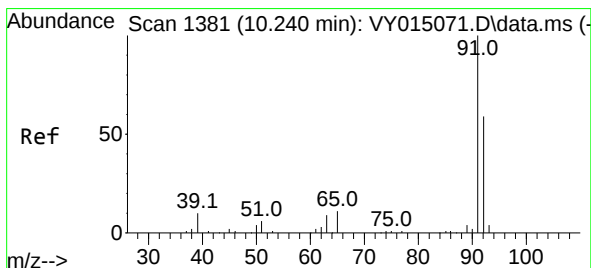
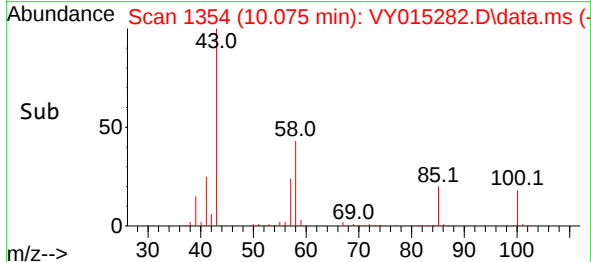
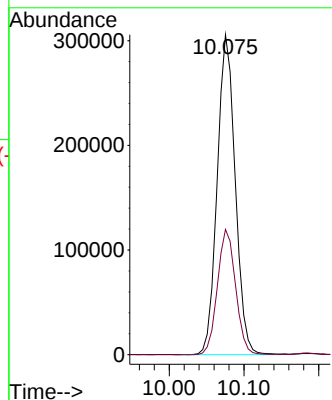
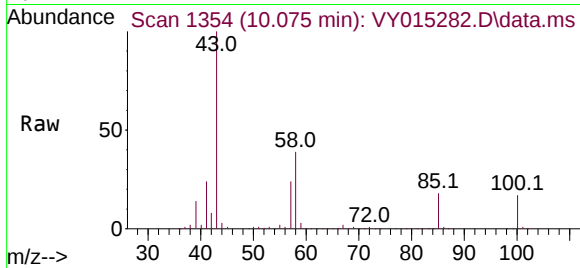




#51
4-Methyl-2-Pentanone
Concen: 294.804 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

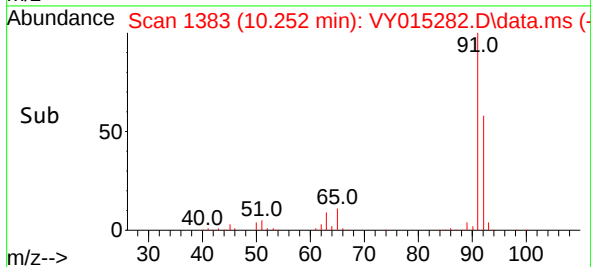
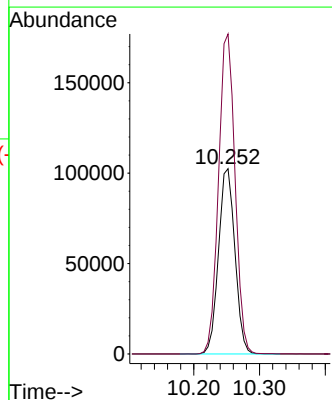
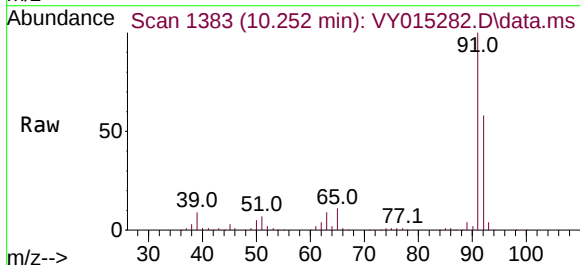
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

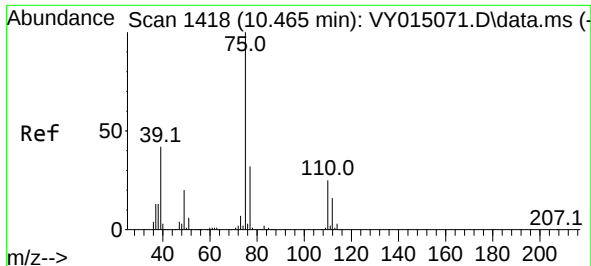
Tgt Ion: 43 Resp: 512576
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6



#52
Toluene
Concen: 50.574 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 92 Resp: 178116
Ion Ratio Lower Upper
92 100
91 173.5 143.8 215.6

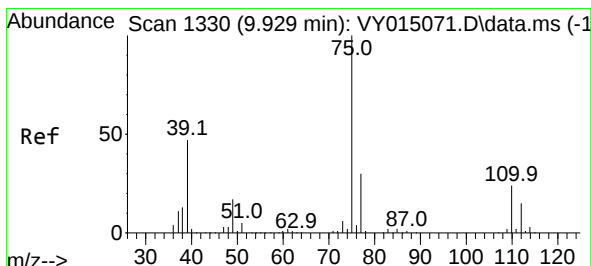
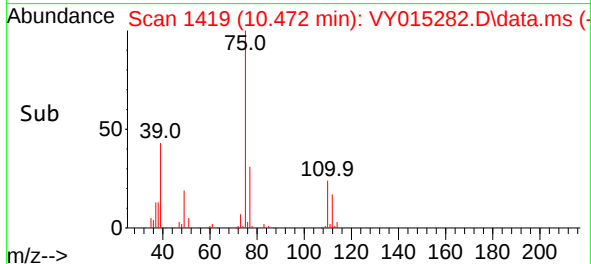
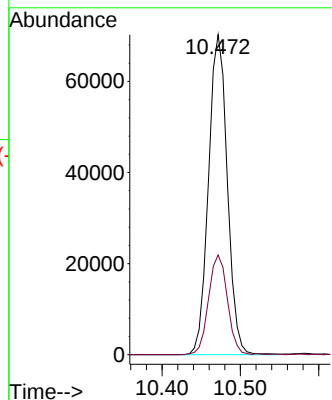
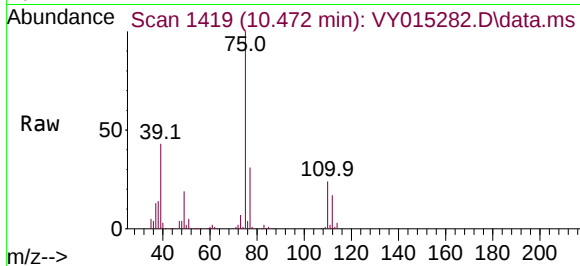




#53
 t-1,3-Dichloropropene
 Concen: 49.108 ug/l
 RT: 10.472 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015282.D
 Acq: 23 Aug 2023 06:26

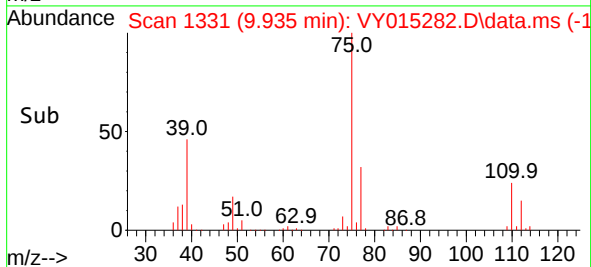
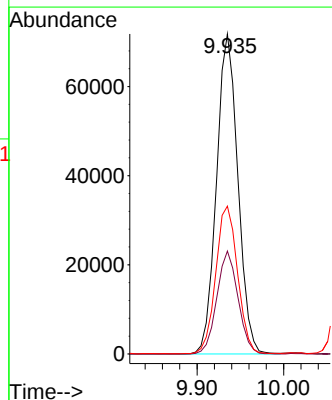
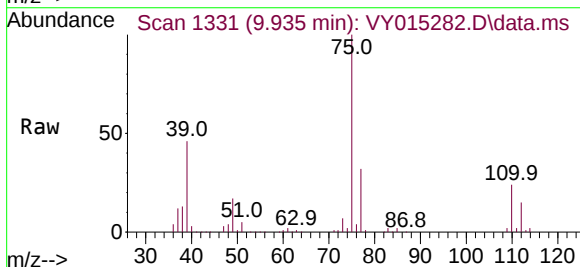
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

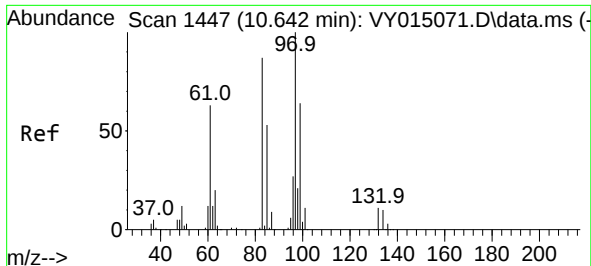
Tgt Ion: 75 Resp: 117035
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.072 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015282.D
 Acq: 23 Aug 2023 06:26

Tgt Ion: 75 Resp: 123168
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 46.1 42.2 63.4

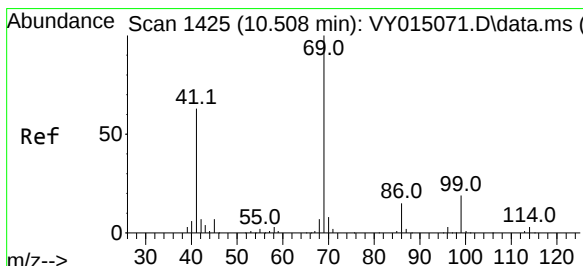
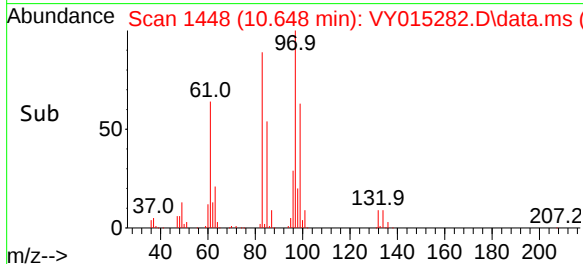
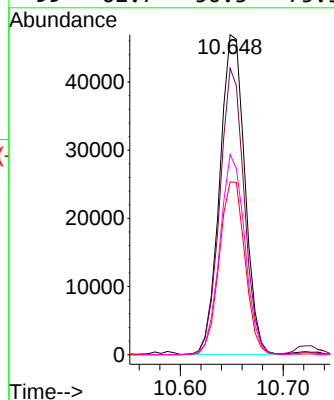
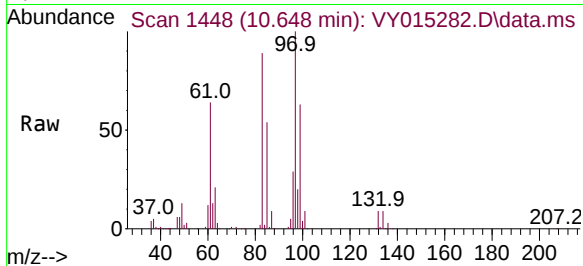




#55
1,1,2-Trichloroethane
Concen: 54.985 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

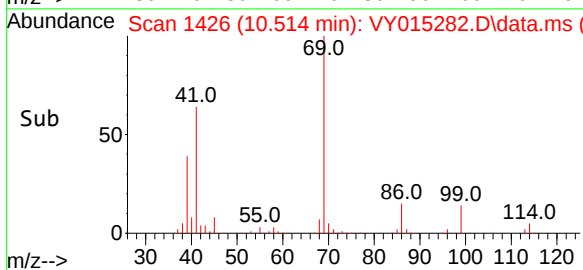
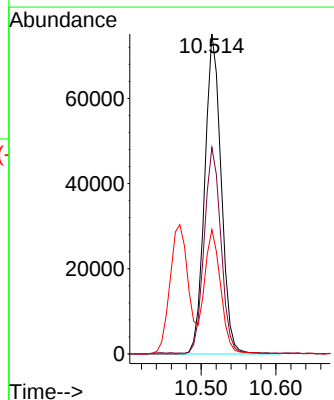
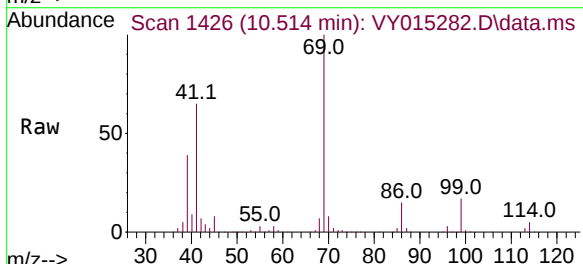
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

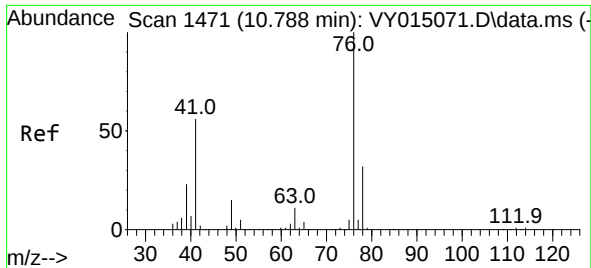
Tgt Ion:	97	Resp:	79453
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.0	108.0
85	54.1	45.4	68.0
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 54.331 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:	69	Resp:	114894
Ion	Ratio	Lower	Upper
69	100		
41	65.0	57.6	86.4
39	37.2	34.1	51.1

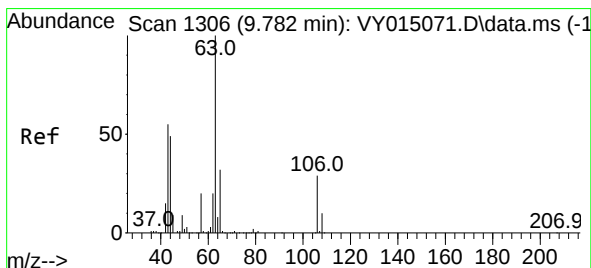
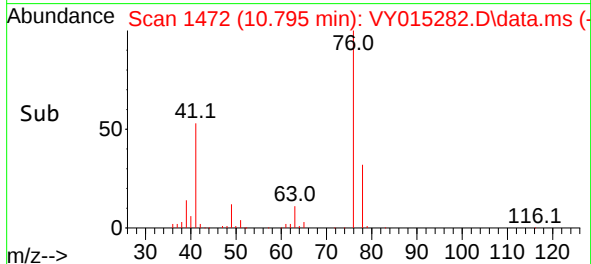
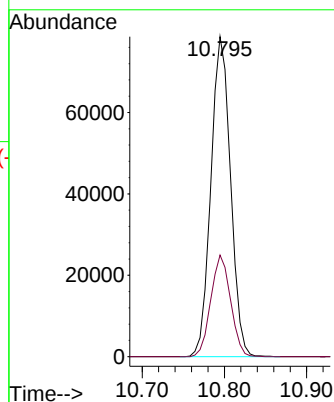
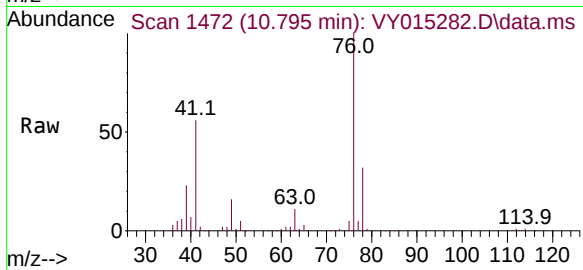




#57
1,3-Dichloropropane
Concen: 55.221 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

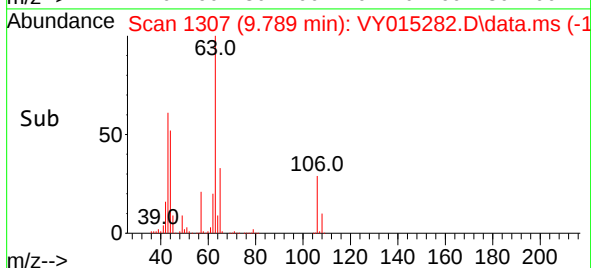
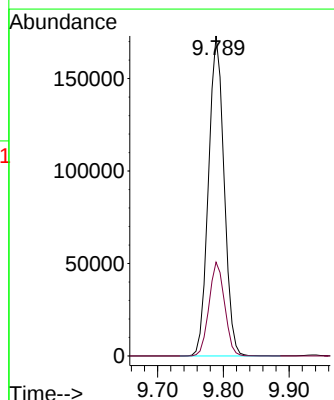
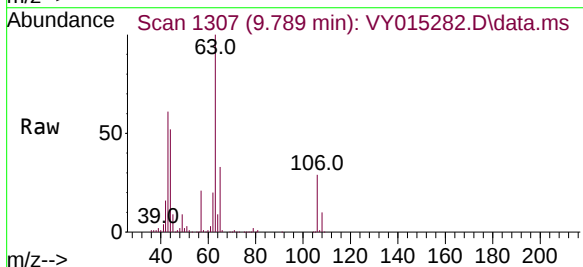
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

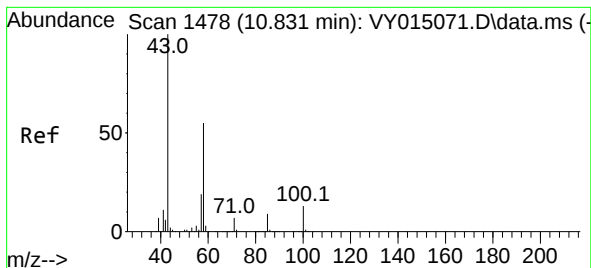
Tgt Ion: 76 Resp: 130365
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 290.358 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.012 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 63 Resp: 285753
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

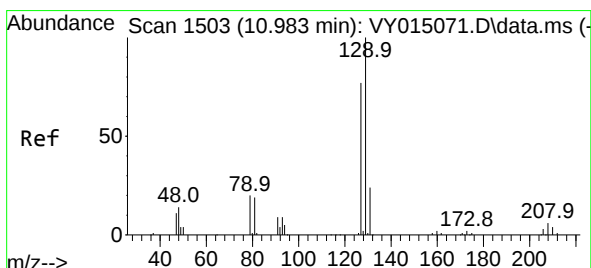
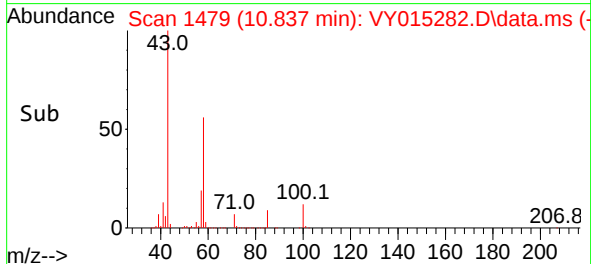
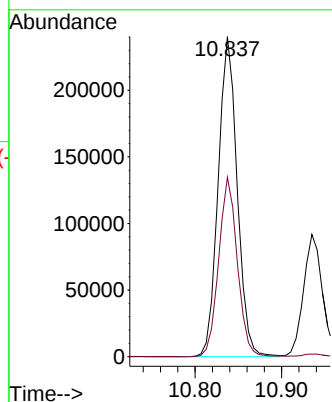
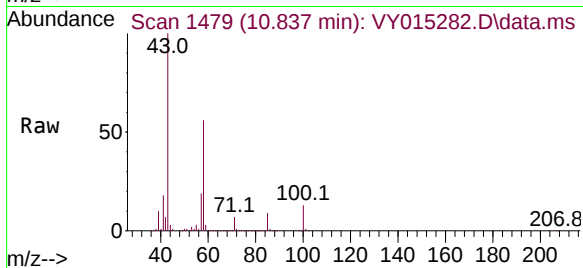




#59
2-Hexanone
Concen: 284.513 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

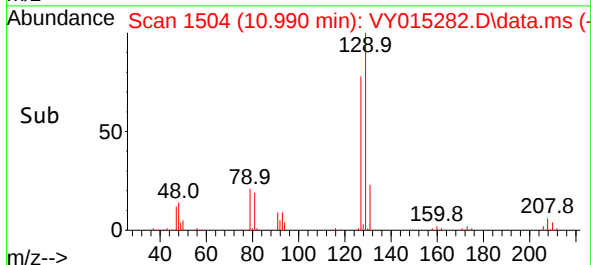
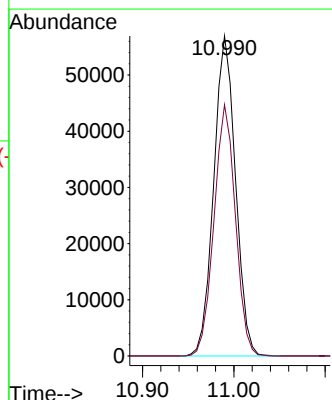
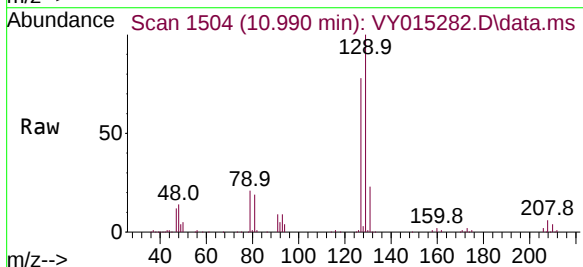
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

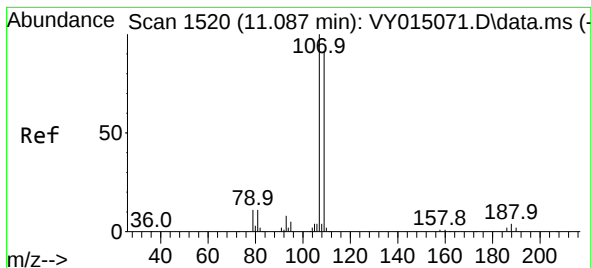
Tgt Ion: 43 Resp: 366118
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3



#60
Dibromochloromethane
Concen: 54.665 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 129 Resp: 94224
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.787 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

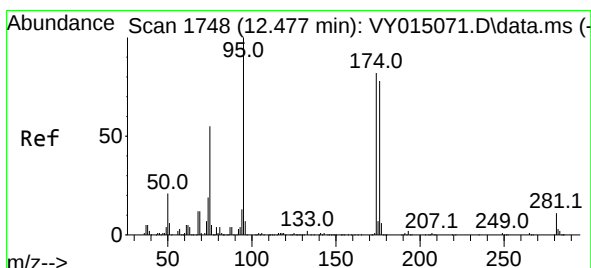
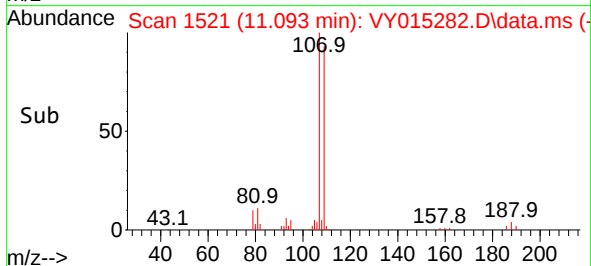
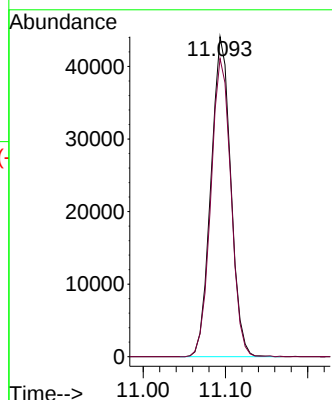
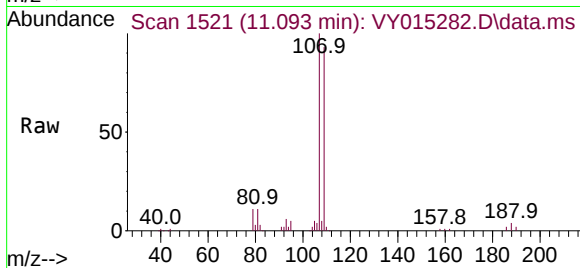
VSTDCCC050EC

Tgt Ion:107 Resp: 73833

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.893 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

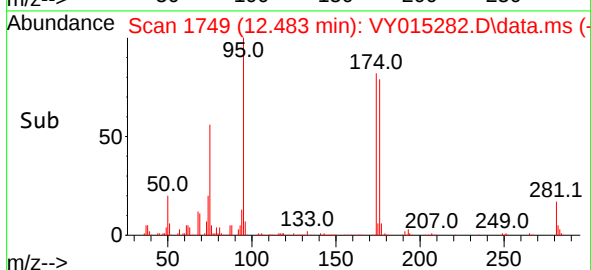
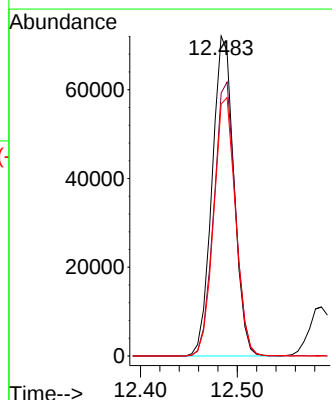
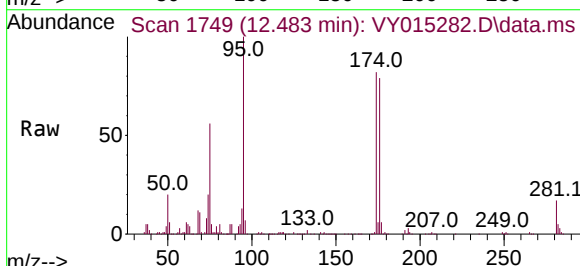
Tgt Ion: 95 Resp: 112718

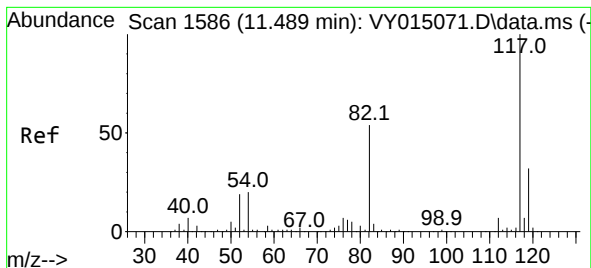
Ion Ratio Lower Upper

95 100

174 84.8 0.0 178.2

176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

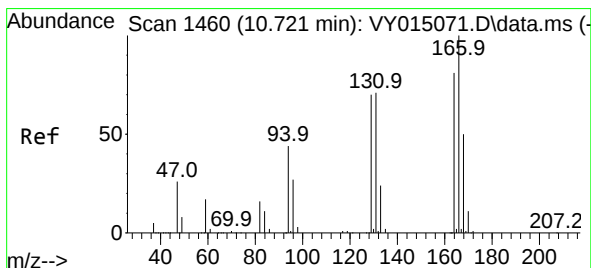
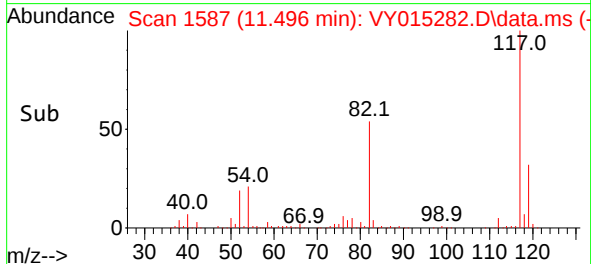
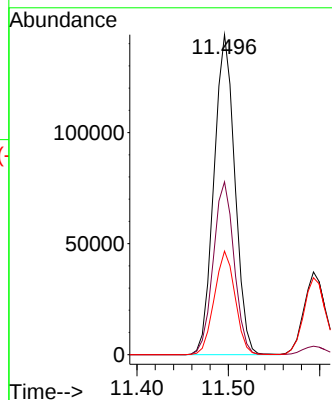
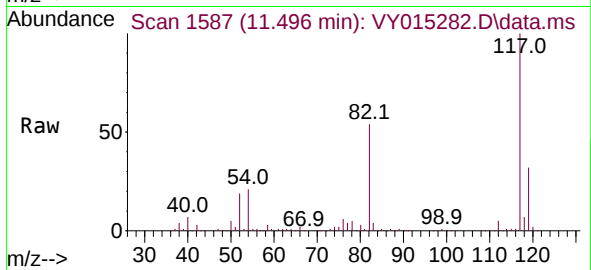
Tgt Ion:117 Resp: 229493

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 55.382 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Tgt Ion:164 Resp: 88548

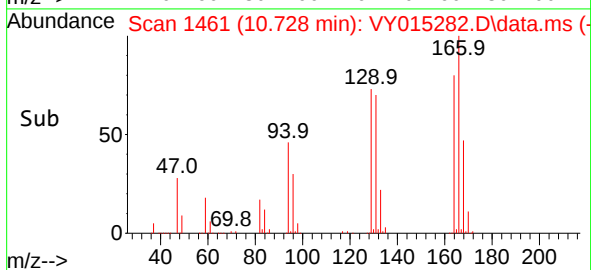
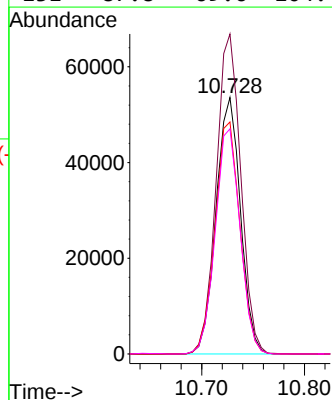
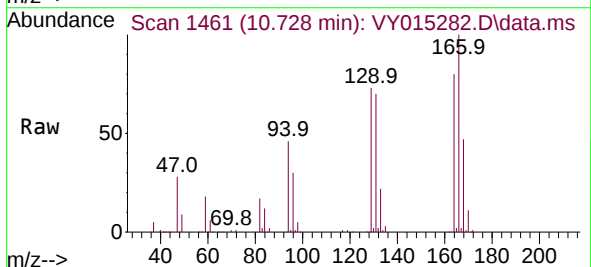
Ion Ratio Lower Upper

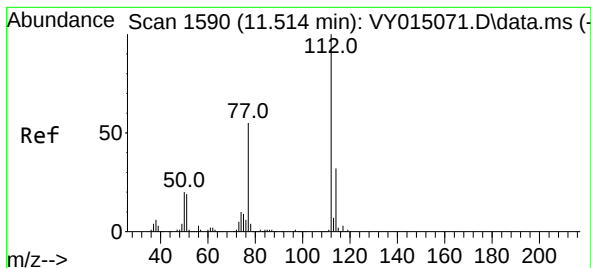
164 100

166 124.8 103.0 154.6

129 90.5 77.2 115.8

131 87.8 69.6 104.4





#65

Chlorobenzene

Concen: 50.180 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

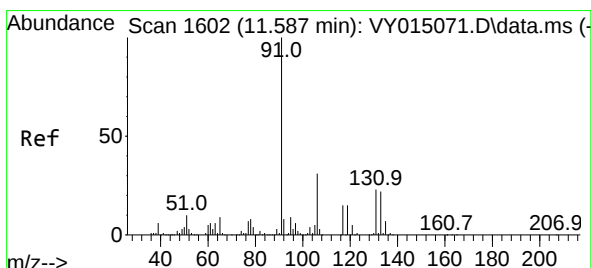
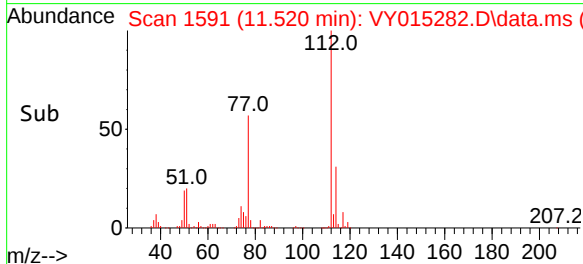
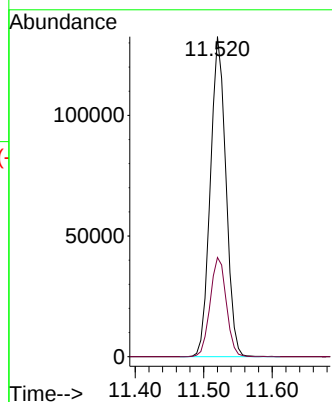
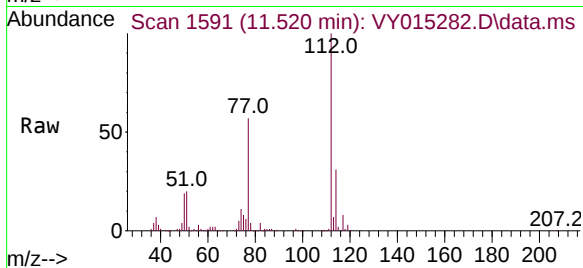
VSTDCCC050EC

Tgt Ion:112 Resp: 209825

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.978 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

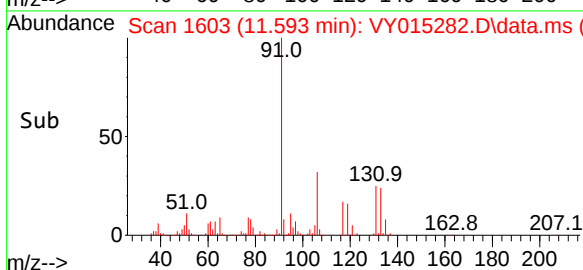
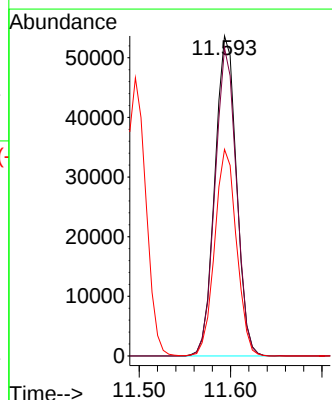
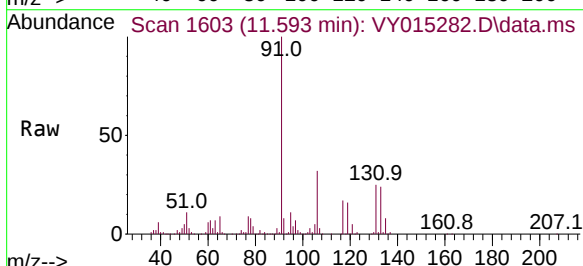
Tgt Ion:131 Resp: 88187

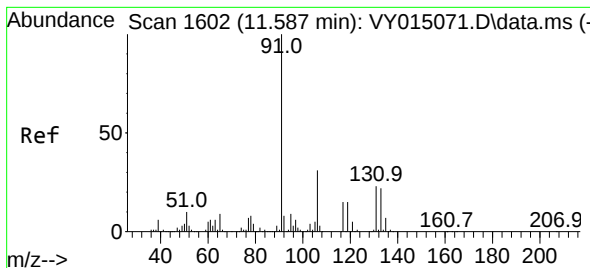
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 49.019 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

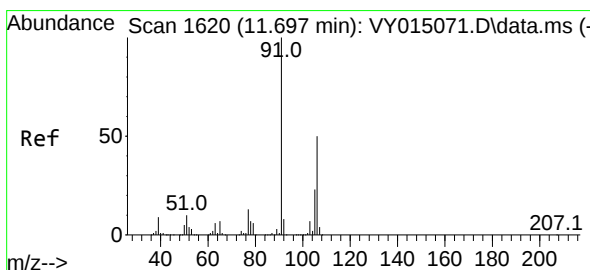
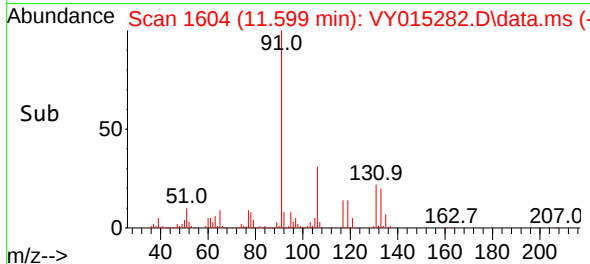
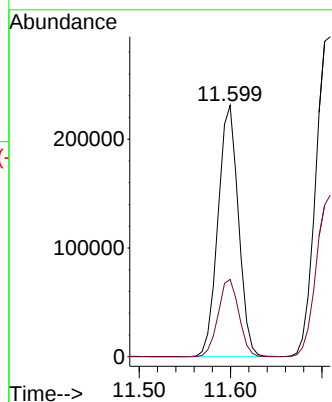
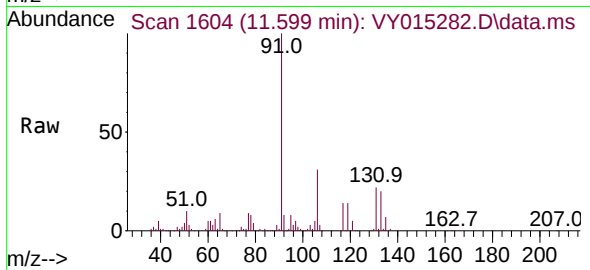
VSTDCCC050EC

Tgt Ion: 91 Resp: 359122

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 96.969 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.012 min

Lab File: VY015282.D

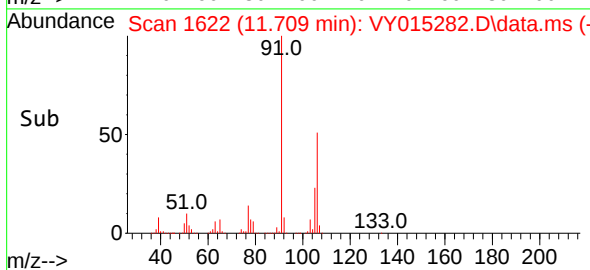
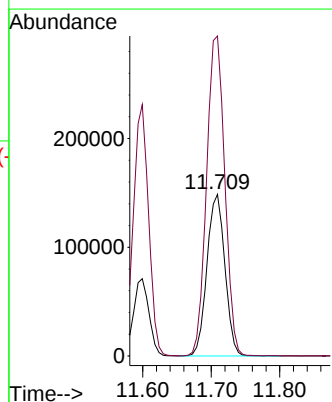
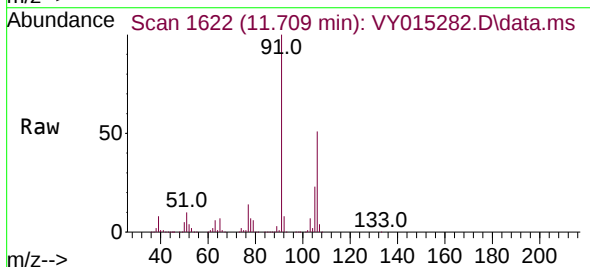
Acq: 23 Aug 2023 06:26

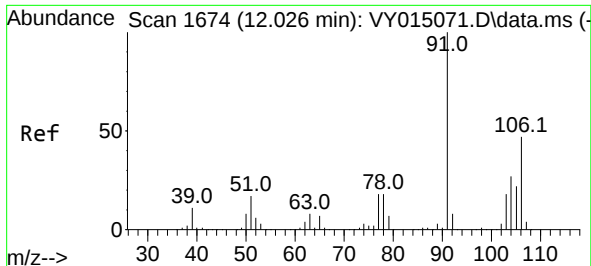
Tgt Ion:106 Resp: 269818

Ion Ratio Lower Upper

106 100

91 201.4 166.1 249.1





#69

o-Xylene

Concen: 49.885 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

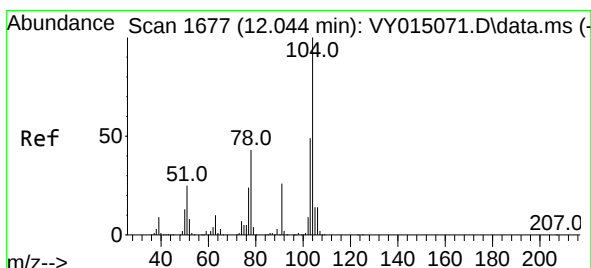
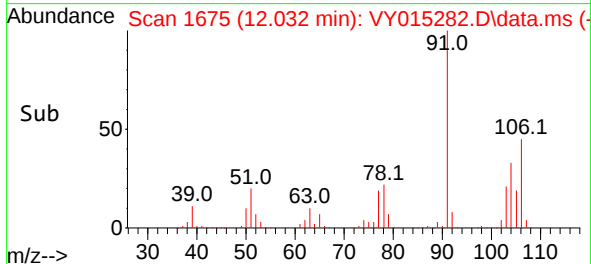
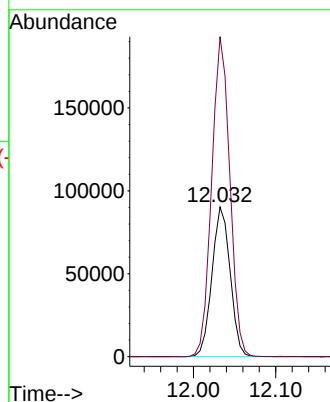
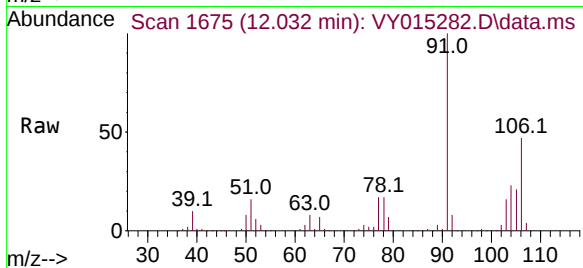
VSTDCCC050EC

Tgt Ion:106 Resp: 138275

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 50.976 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

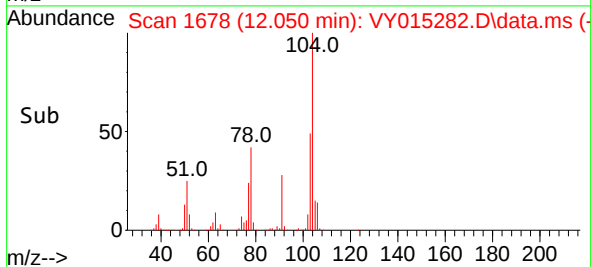
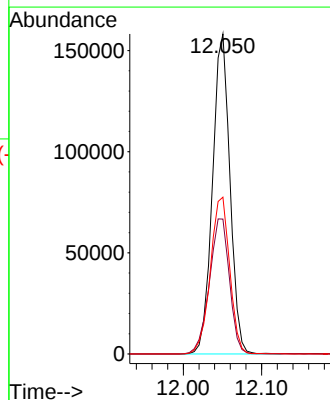
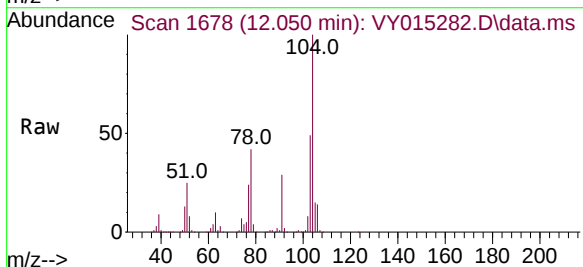
Tgt Ion:104 Resp: 244558

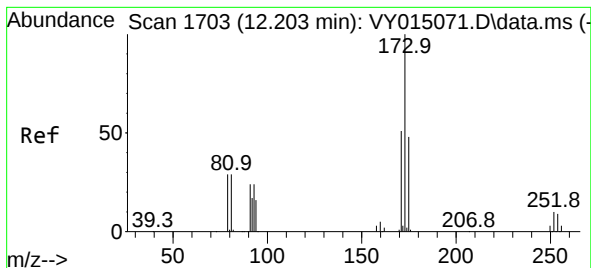
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 52.788 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

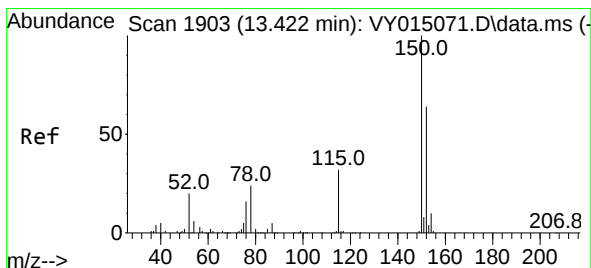
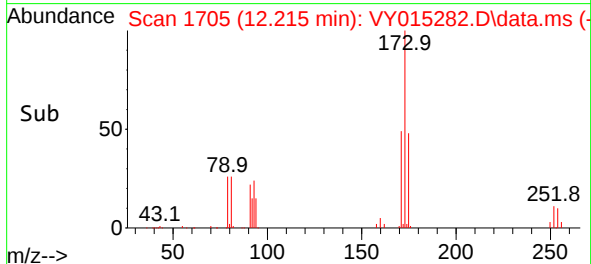
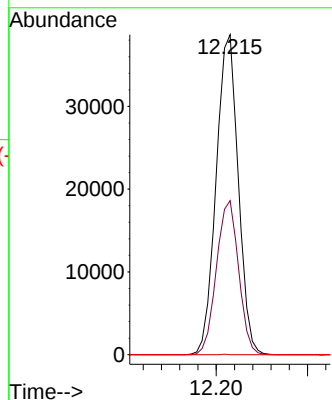
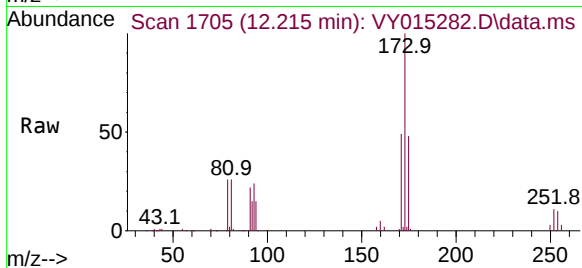
Tgt Ion:173 Resp: 64924

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

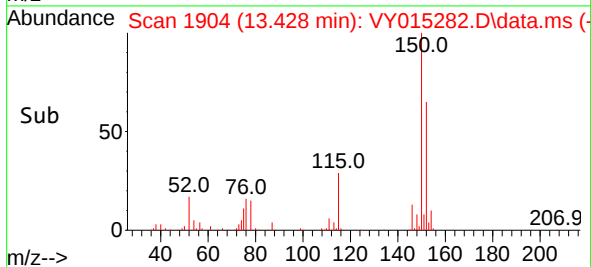
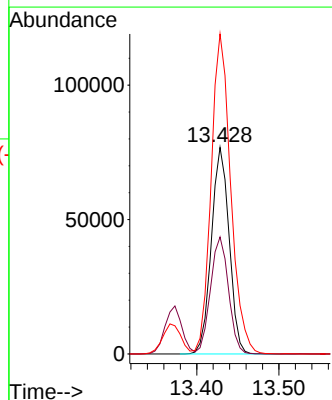
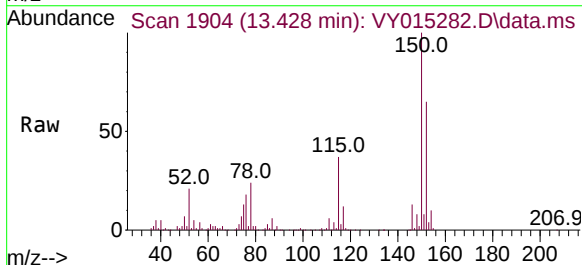
Tgt Ion:152 Resp: 115579

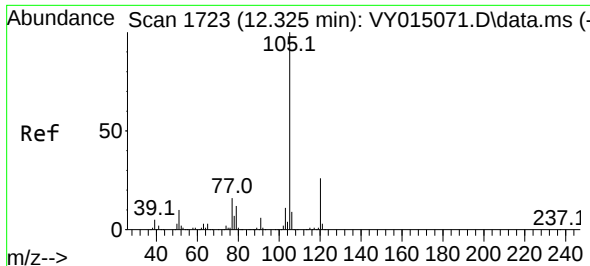
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 170.9 0.0 348.8

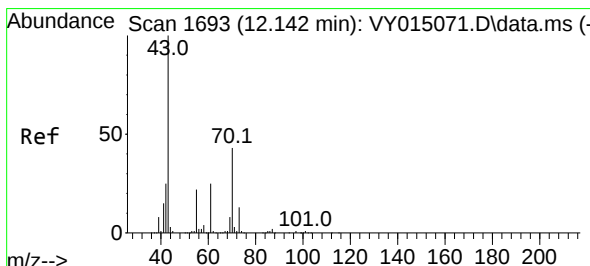
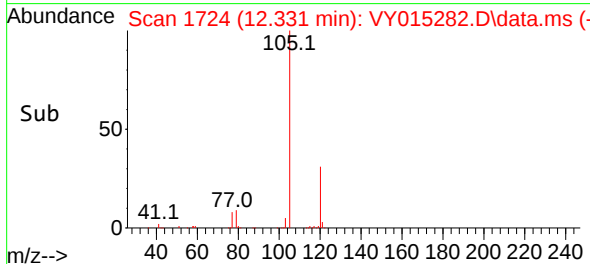
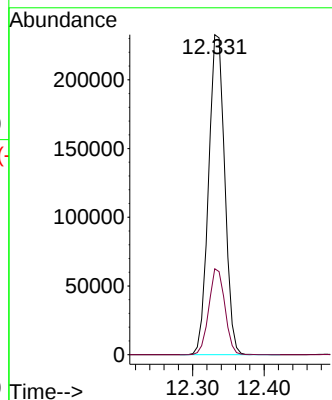
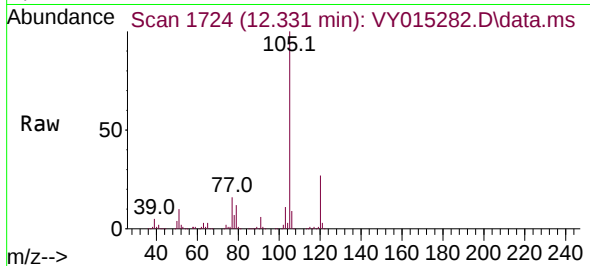




#73
Isopropylbenzene
Concen: 49.022 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

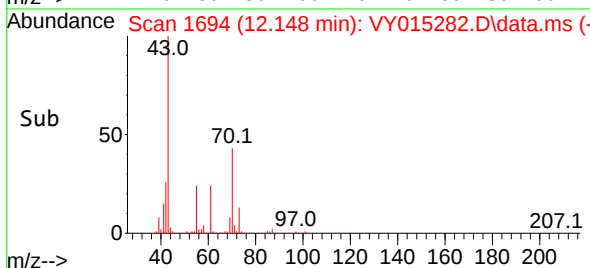
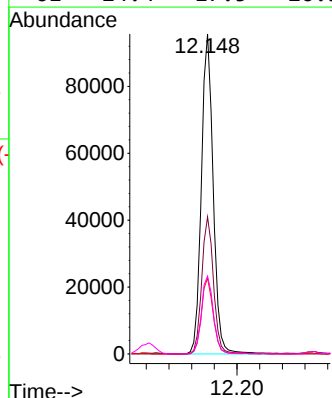
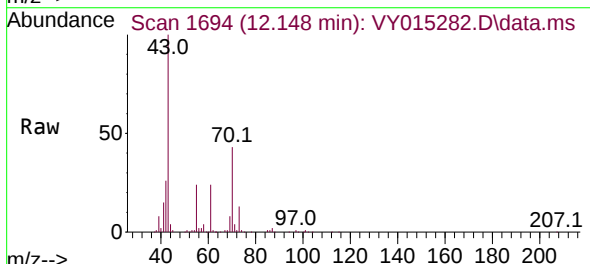
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

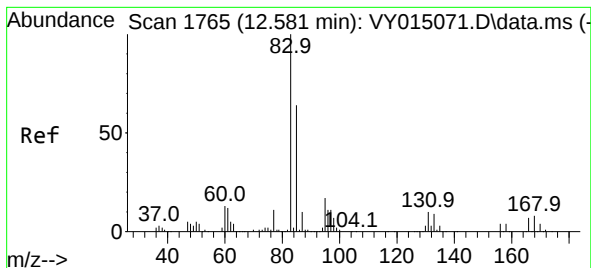
Tgt Ion:105 Resp: 364334
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-amy1 acetate
Concen: 51.618 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 43 Resp: 138511
Ion Ratio Lower Upper
43 100
70 42.6 29.7 44.5
55 23.8 18.3 27.5
61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.363 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

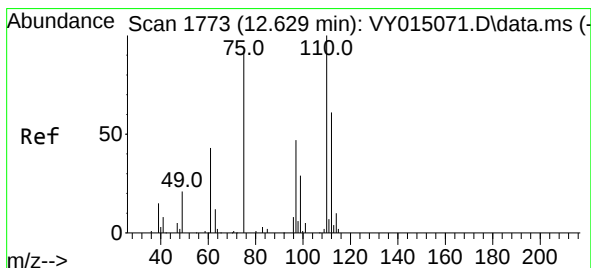
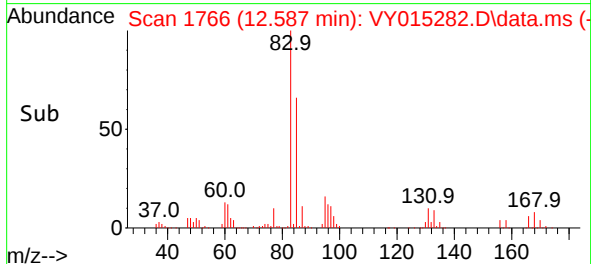
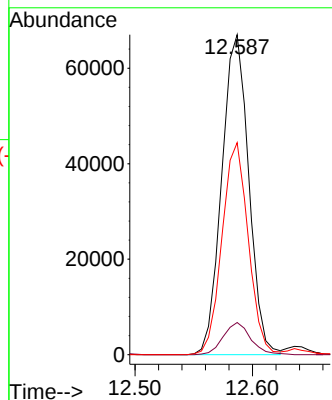
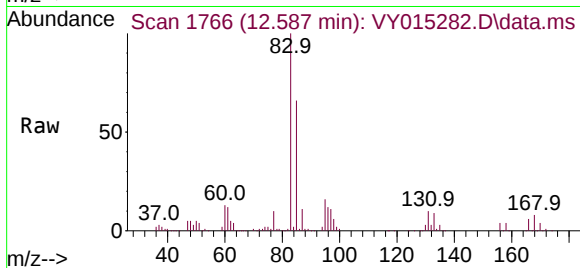
Tgt Ion: 83 Resp: 107164

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.223 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015282.D

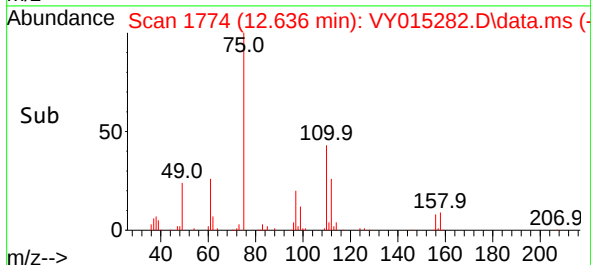
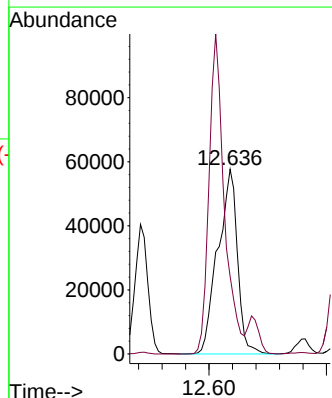
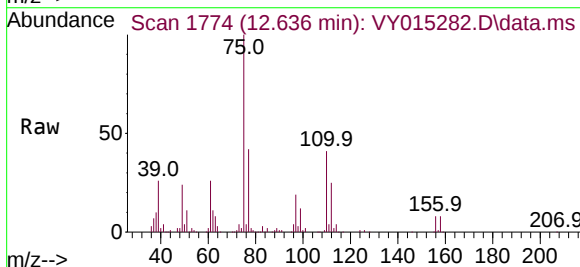
Acq: 23 Aug 2023 06:26

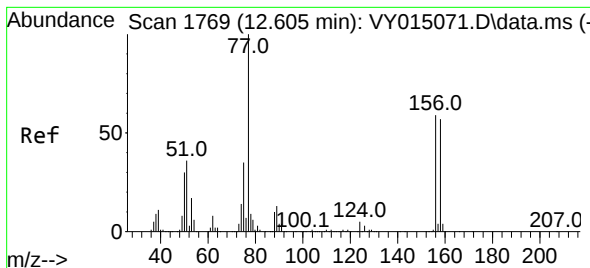
Tgt Ion: 75 Resp: 133712

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.077 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

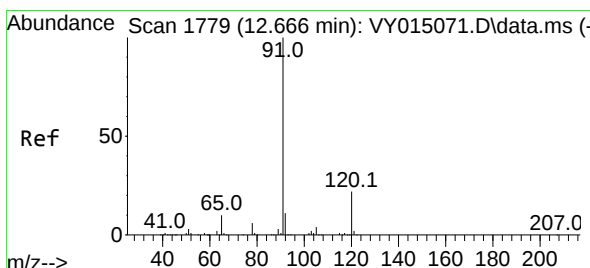
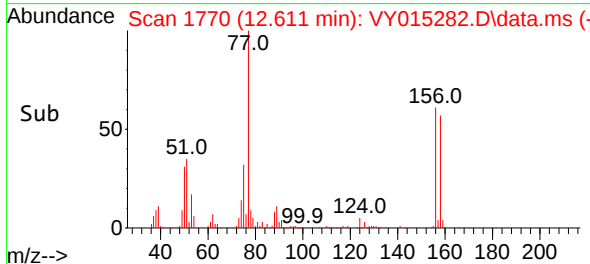
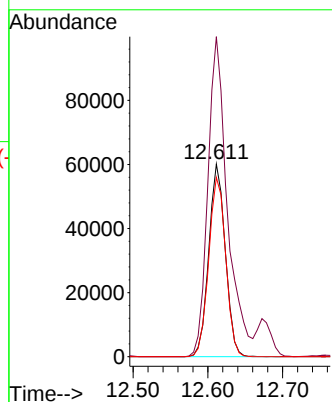
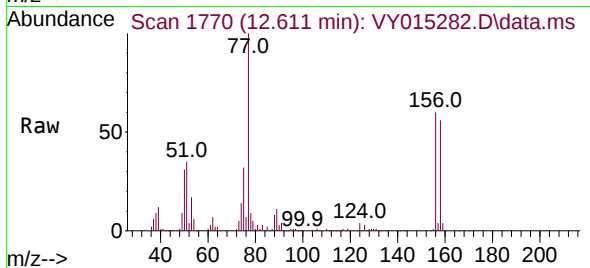
Tgt Ion:156 Resp: 92531

Ion Ratio Lower Upper

156 100

77 196.1 92.8 278.6

158 95.5 48.4 145.3



#78

n-propylbenzene

Concen: 48.020 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015282.D

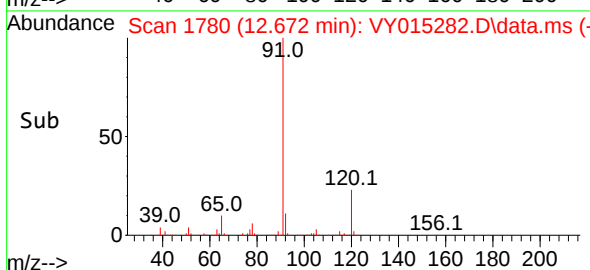
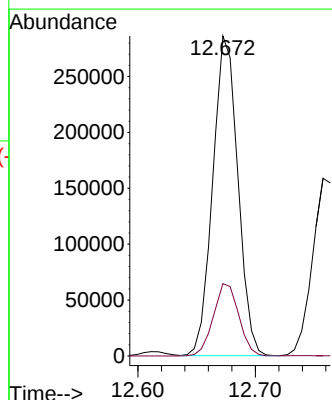
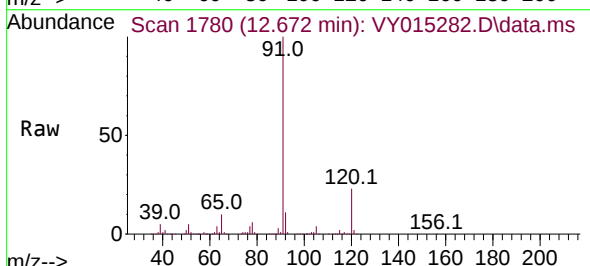
Acq: 23 Aug 2023 06:26

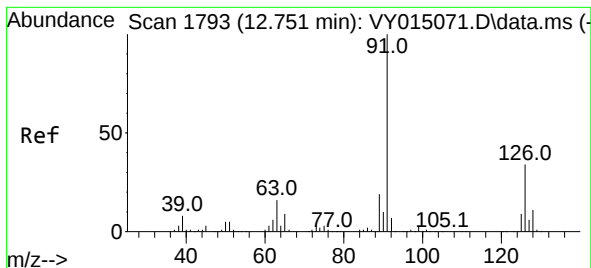
Tgt Ion: 91 Resp: 423803

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.977 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

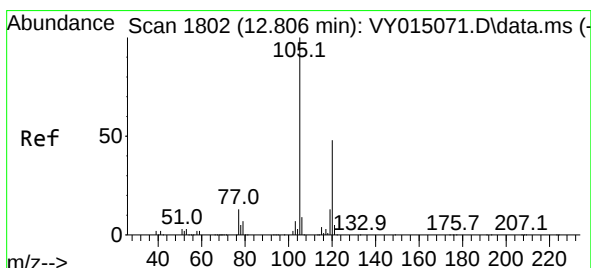
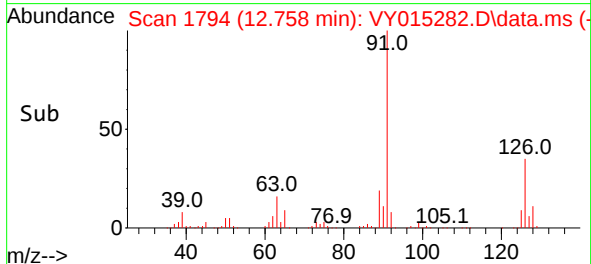
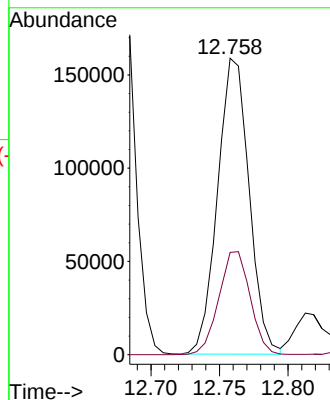
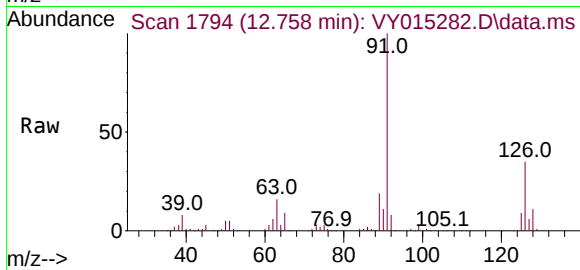
VSTDCCC050EC

Tgt Ion: 91 Resp: 254446

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.610 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015282.D

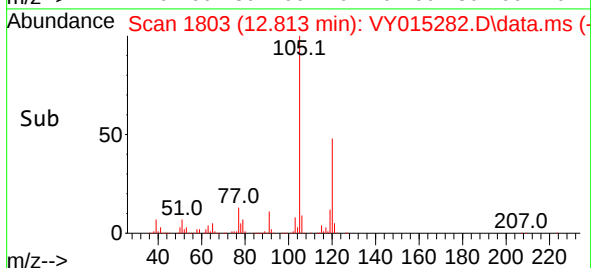
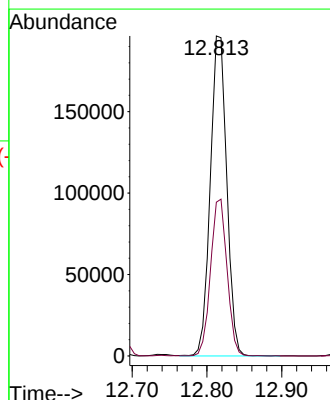
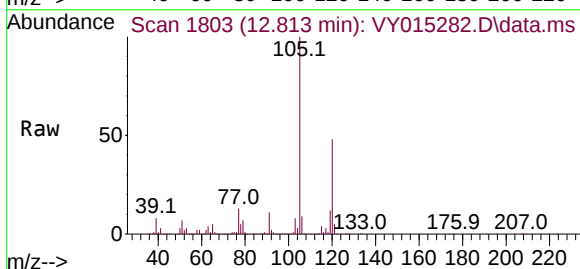
Acq: 23 Aug 2023 06:26

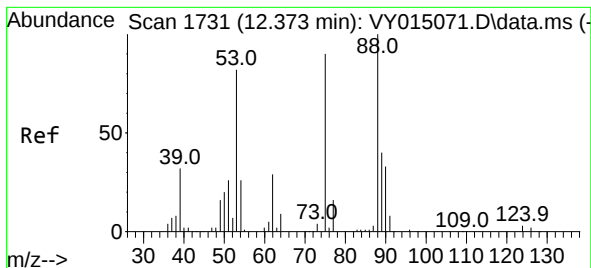
Tgt Ion:105 Resp: 301150

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.7

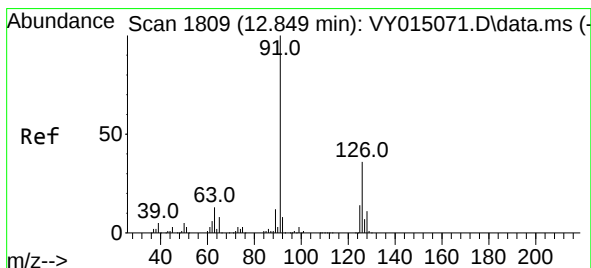
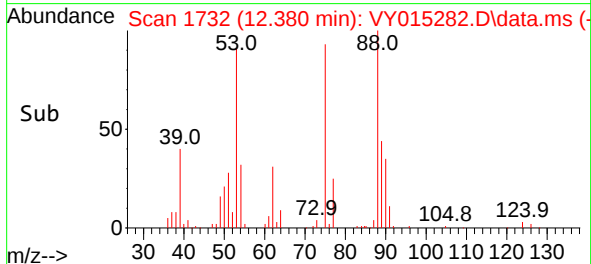
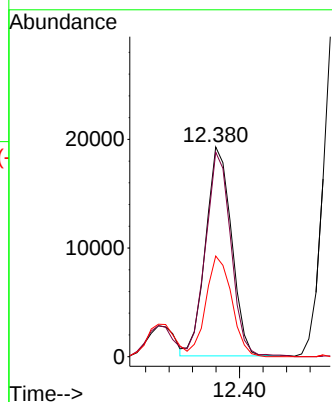
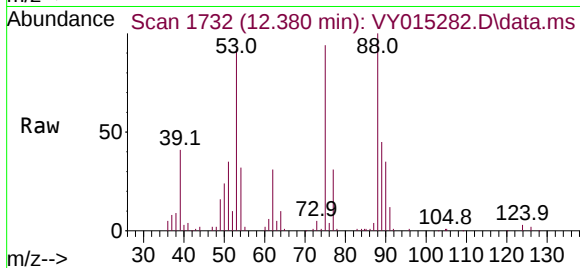




#81
trans-1,4-Dichloro-2-butene
Concen: 46.043 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

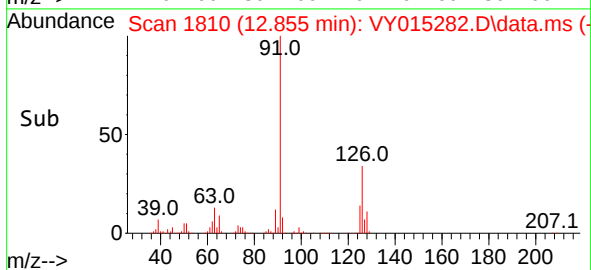
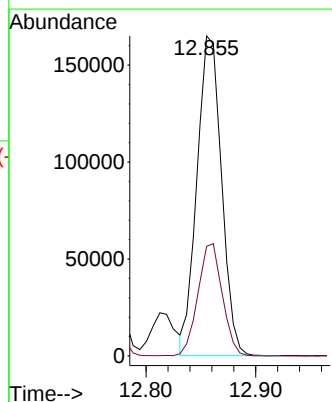
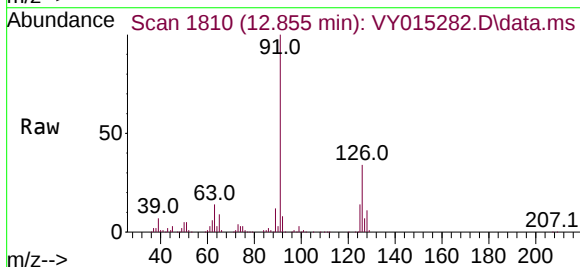
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

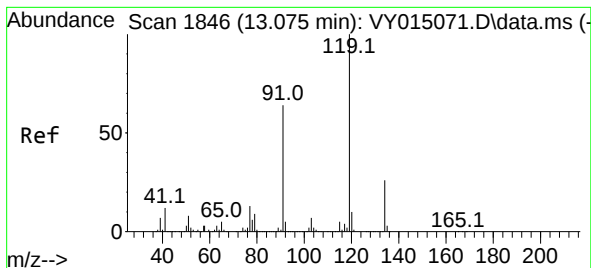
Tgt Ion: 75 Resp: 29435
Ion Ratio Lower Upper
75 100
53 95.5 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.873 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion: 91 Resp: 257066
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.659 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

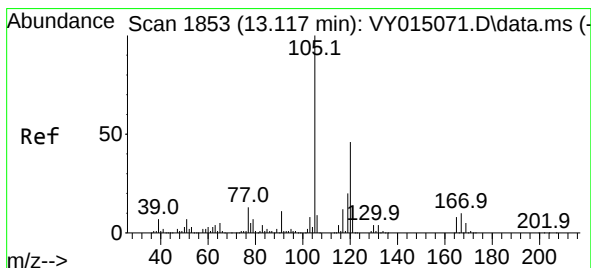
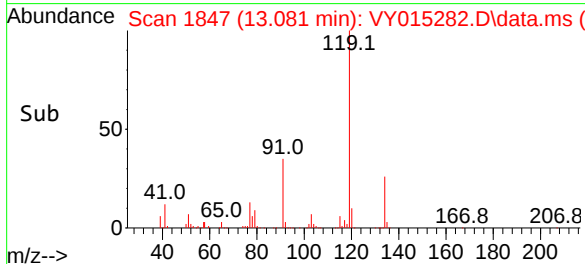
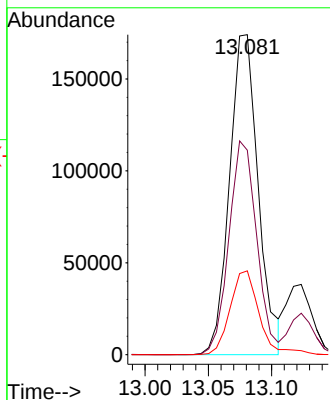
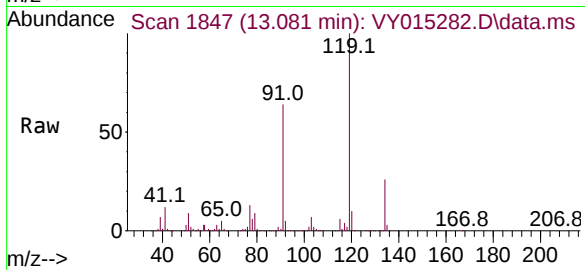
Tgt Ion:119 Resp: 275729

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.940 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015282.D

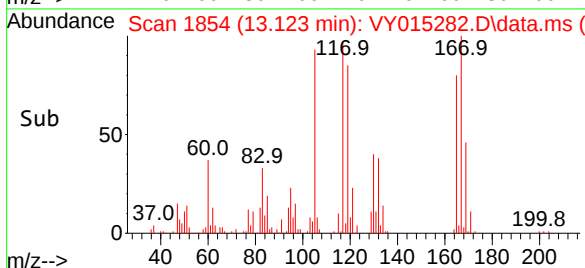
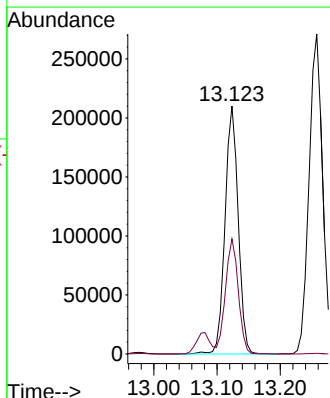
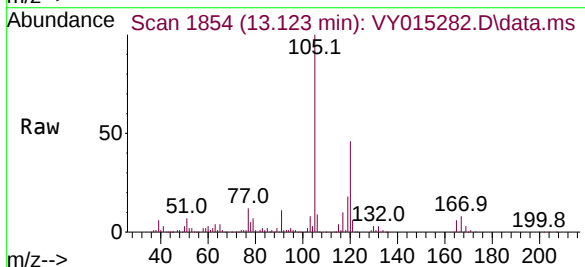
Acq: 23 Aug 2023 06:26

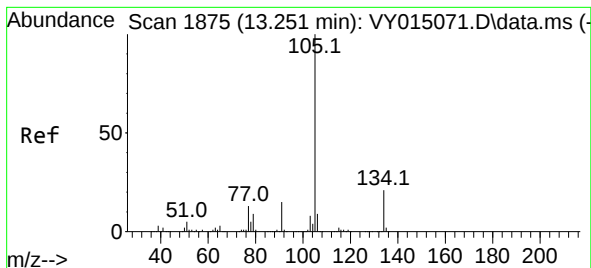
Tgt Ion:105 Resp: 302970

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.378 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

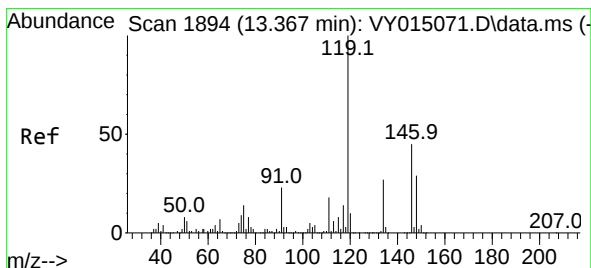
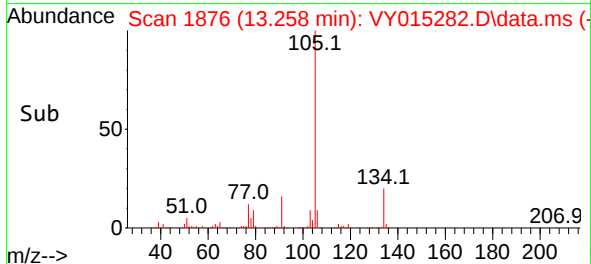
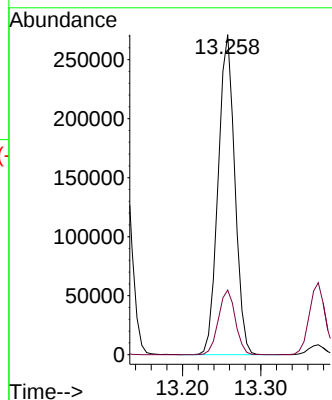
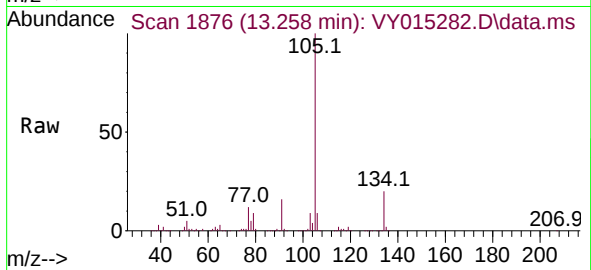
VSTDCCC050EC

Tgt Ion:105 Resp: 401665

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.518 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

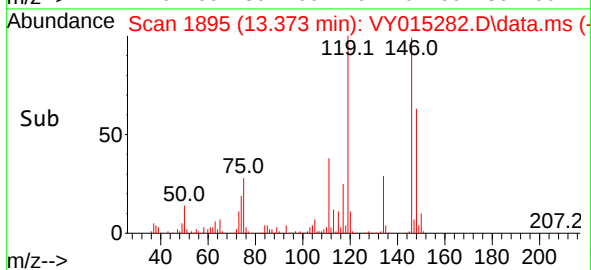
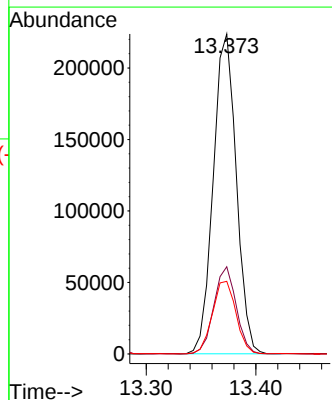
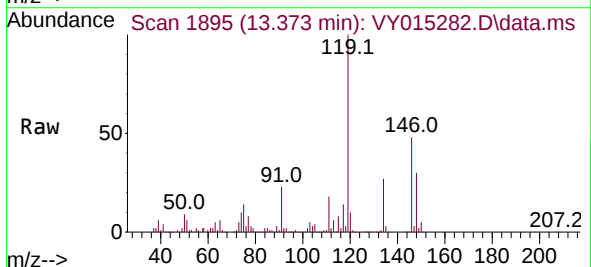
Tgt Ion:119 Resp: 327098

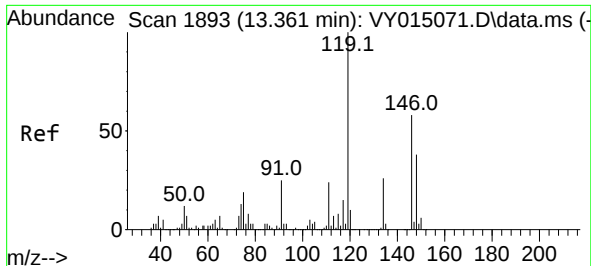
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.2 12.4 37.4

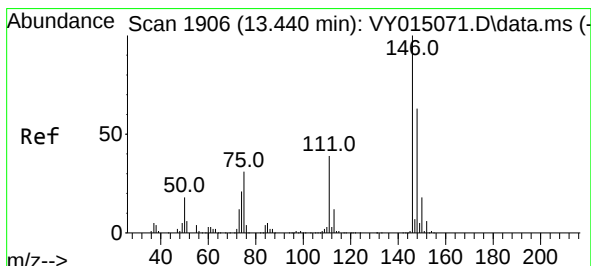
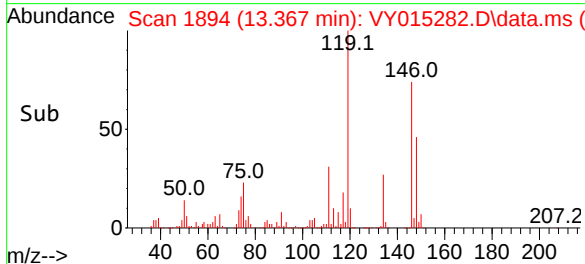
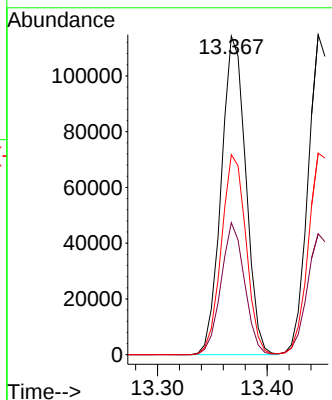
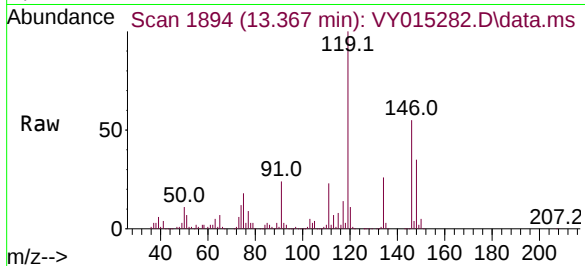




#87
1,3-Dichlorobenzene
Concen: 49.420 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

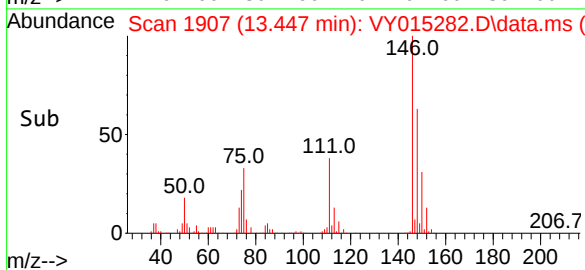
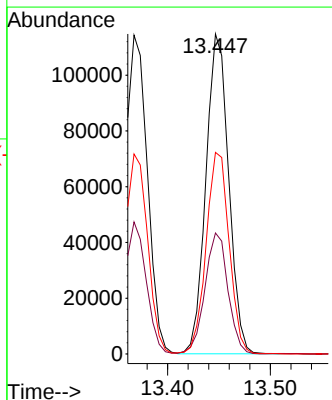
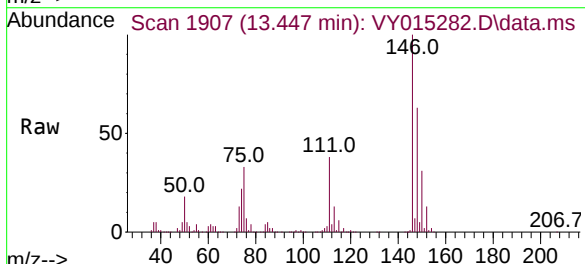
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

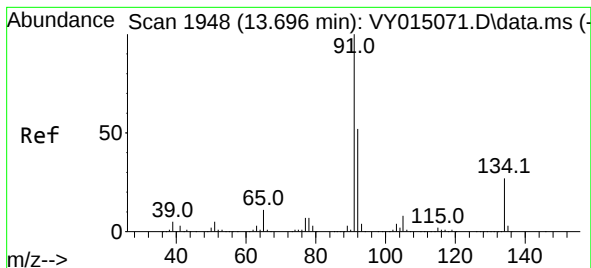
Tgt Ion:146 Resp: 177575
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.045 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:146 Resp: 176758
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 45.212 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

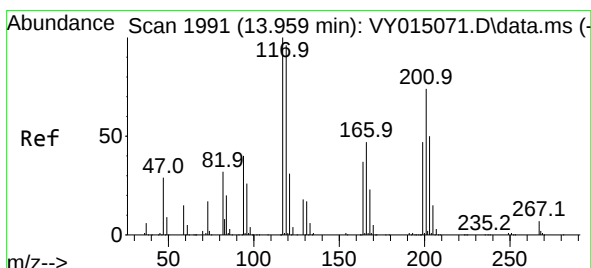
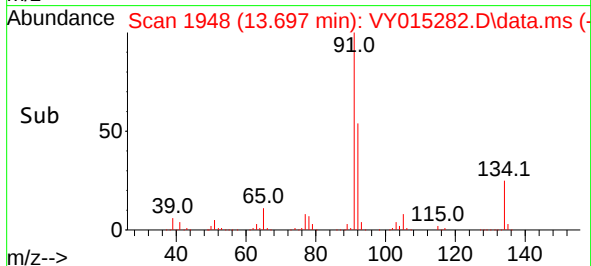
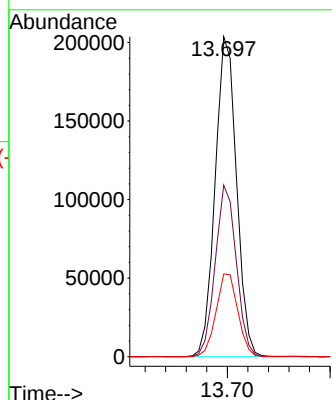
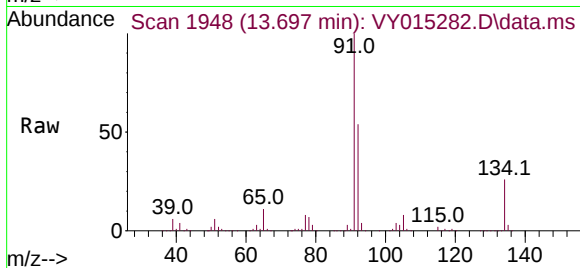
Tgt Ion: 91 Resp: 293445

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 48.415 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015282.D

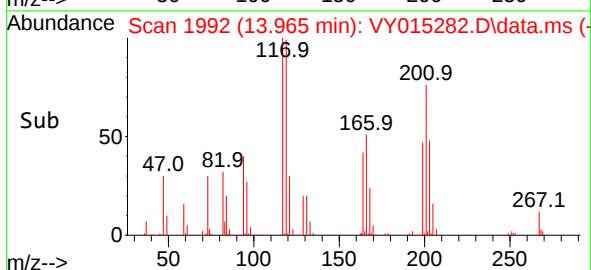
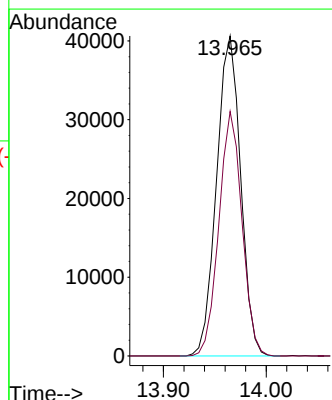
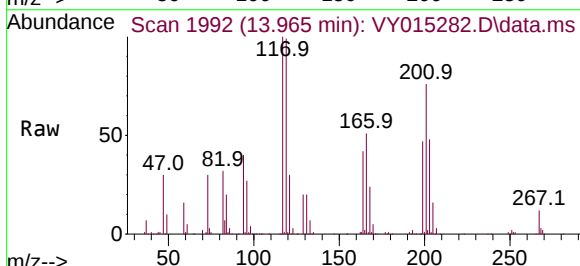
Acq: 23 Aug 2023 06:26

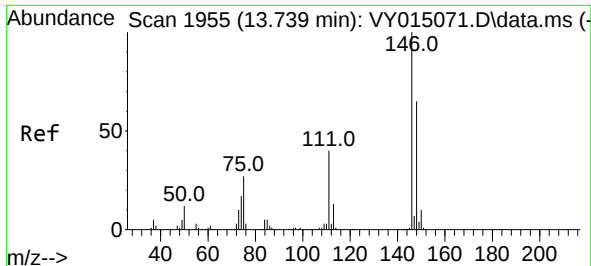
Tgt Ion: 117 Resp: 66116

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.839 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

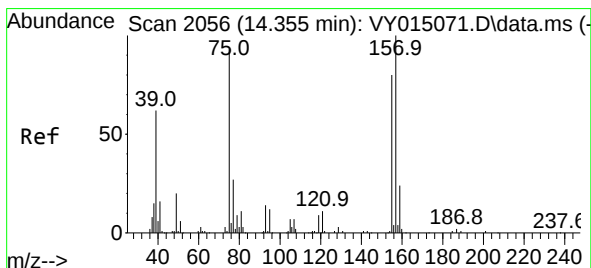
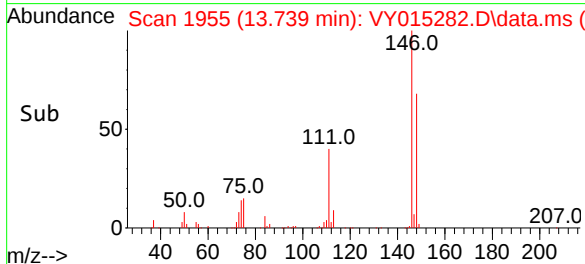
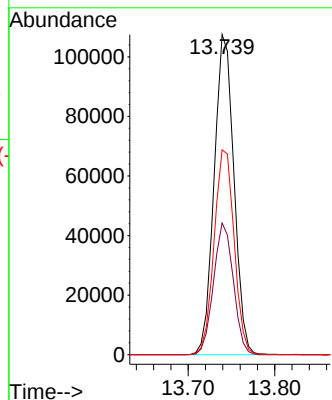
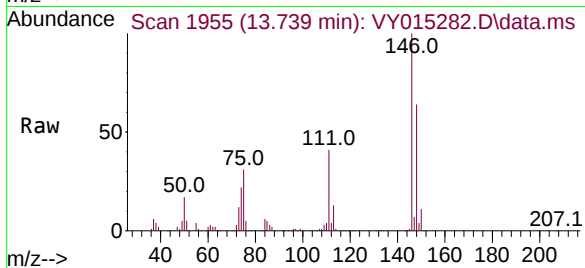
Tgt Ion:146 Resp: 170651

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 64.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.620 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

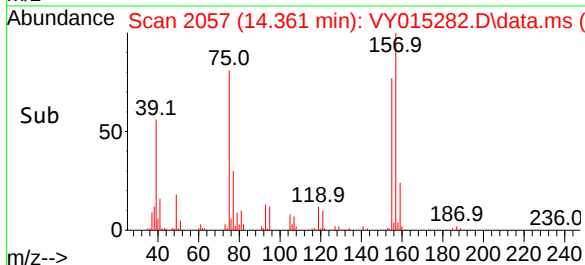
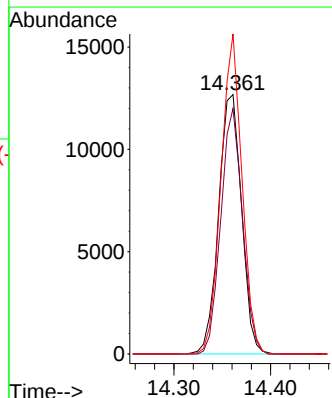
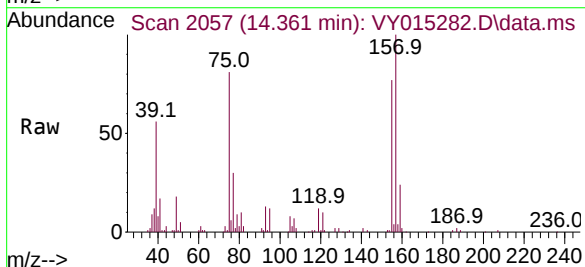
Tgt Ion: 75 Resp: 20856

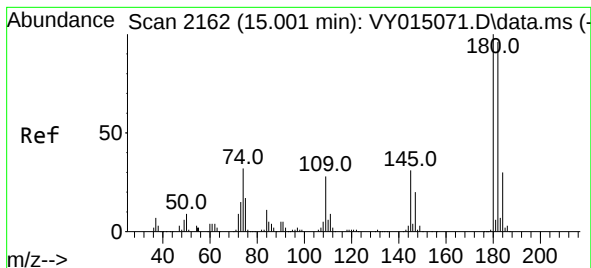
Ion Ratio Lower Upper

75 100

155 89.3 41.5 124.6

157 112.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.959 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

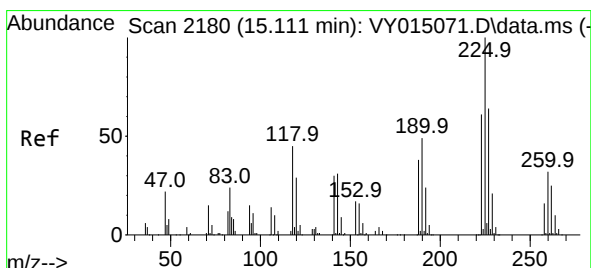
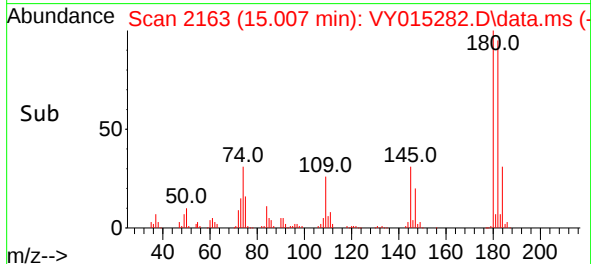
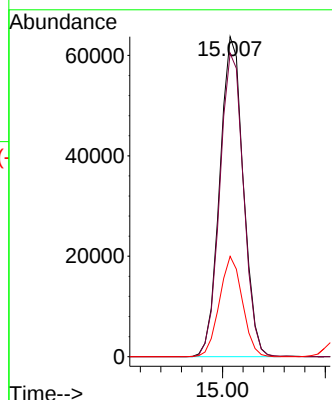
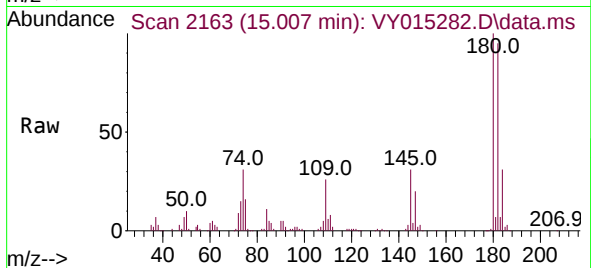
Tgt Ion:180 Resp: 101197

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.047 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015282.D

Acq: 23 Aug 2023 06:26

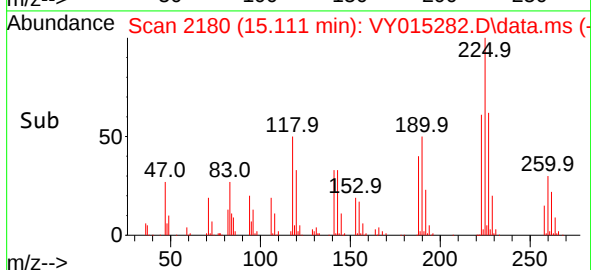
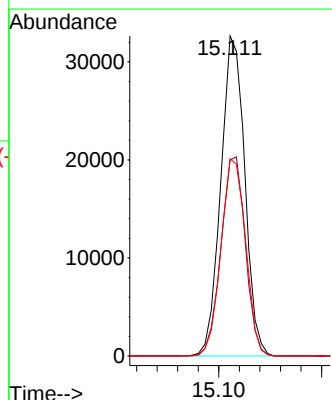
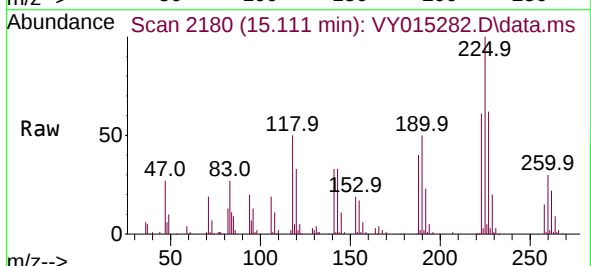
Tgt Ion:225 Resp: 52804

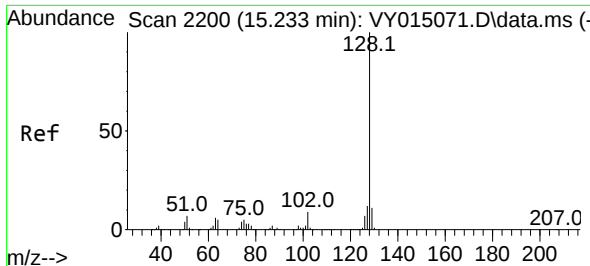
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 63.2 33.0 98.9

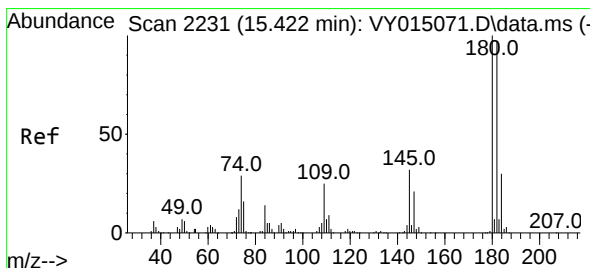
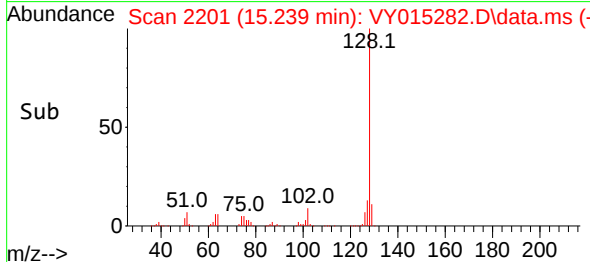
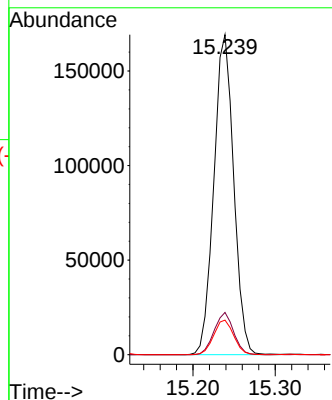
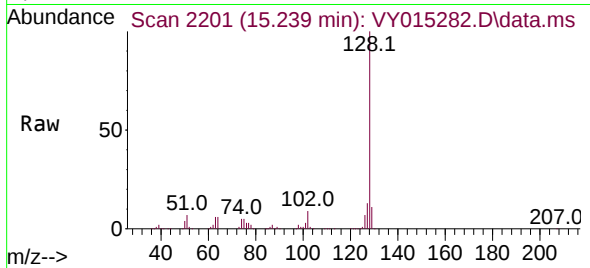




#95
Naphthalene
Concen: 52.796 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 283421
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.153 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015282.D
Acq: 23 Aug 2023 06:26

Tgt Ion:180 Resp: 97609
Ion Ratio Lower Upper
180 100
182 93.2 47.3 141.8
145 32.2 15.4 46.2

