

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010081.D
 Acq On : 17 Aug 2022 20:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 08:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	95780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	131059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46772	48.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.710	113	47368	55.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.460%
50) Toluene-d8	10.179	98	161711	51.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.477	95	62270	56.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35642	45.458	ug/l	99
3) Chloromethane	2.107	50	44029	40.980	ug/l	99
4) Vinyl Chloride	2.241	62	57630	42.304	ug/l	95
5) Bromomethane	2.638	94	50124	45.079	ug/l	99
6) Chloroethane	2.784	64	43603	46.476	ug/l	100
7) Trichlorofluoromethane	3.113	101	80495	49.743	ug/l	99
8) Diethyl Ether	3.522	74	21871	48.257	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	42640	49.690	ug/l	97
10) Methyl Iodide	4.076	142	53745	52.911	ug/l	100
11) Tert butyl alcohol	4.948	59	21596	231.884	ug/l	98
12) 1,1-Dichloroethene	3.863	96	36566	46.559	ug/l	96
13) Acrolein	3.723	56	11453	179.163	ug/l	100
14) Allyl chloride	4.473	41	47907	41.506	ug/l	97
15) Acrylonitrile	5.155	53	55590	260.128	ug/l	99
16) Acetone	3.942	43	45738	222.978	ug/l	93
17) Carbon Disulfide	4.180	76	85848	38.161	ug/l	97
18) Methyl Acetate	4.473	43	25534	45.711	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	116725	54.092	ug/l	98
20) Methylene Chloride	4.710	84	50084	52.983	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	43677	48.357	ug/l	97
22) Diisopropyl ether	6.106	45	116641	51.380	ug/l	95
23) Vinyl Acetate	6.052	43	389319	271.775	ug/l	98
24) 1,1-Dichloroethane	6.009	63	73448	50.943	ug/l	96
25) 2-Butanone	6.978	43	71795	255.846	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	69289	45.729	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	52293	52.649	ug/l	93
28) Bromochloromethane	7.326	49	29719	49.536	ug/l	83
29) Tetrahydrofuran	7.338	42	50001	274.322	ug/l	89
30) Chloroform	7.496	83	91576	51.937	ug/l	100
31) Cyclohexane	7.777	56	55871	41.290	ug/l	92
32) 1,1,1-Trichloroethane	7.692	97	84984	53.170	ug/l	98
36) 1,1-Dichloropropene	7.911	75	58982	49.816	ug/l	96
37) Ethyl Acetate	7.064	43	31850	53.419	ug/l #	93
38) Carbon Tetrachloride	7.893	117	81757	56.147	ug/l	97
39) Methylcyclohexane	9.179	83	68611	51.434	ug/l	95
40) Benzene	8.155	78	173987	50.231	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	48654	157.981	ug/l #	75
42) 1,2-Dichloroethane	8.234	62	59841	55.446	ug/l	100
43) Isopropyl Acetate	8.271	43	59545	52.614	ug/l	96
44) Trichloroethene	8.935	130	56815	54.268	ug/l	94
45) 1,2-Dichloropropane	9.210	63	41472	50.638	ug/l	97
46) Dibromomethane	9.301	93	30206	57.586	ug/l	97
47) Bromodichloromethane	9.490	83	71450	56.472	ug/l #	99
48) Methyl methacrylate	9.289	41	26722	54.265	ug/l	91
49) 1,4-Dioxane	9.295	88	7565	1402.755	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	170493	273.056	ug/l	95
52) Toluene	10.240	92	120204	53.844	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	67391	55.307	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	73671	55.274	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	42953	59.286	ug/l	97
56) Ethyl methacrylate	10.508	69	50714	60.565	ug/l	92
57) 1,3-Dichloropropane	10.789	76	65770	56.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	83564	230.601	ug/l	93
59) 2-Hexanone	10.831	43	119098	243.923	ug/l	94
60) Dibromochloromethane	10.984	129	57408	59.823	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41325	58.528	ug/l	97
64) Tetrachloroethene	10.715	164	60869	55.941	ug/l	96
65) Chlorobenzene	11.514	112	140253	52.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59079	56.133	ug/l	99
67) Ethyl Benzene	11.587	91	237794	53.397	ug/l	97
68) m/p-Xylenes	11.697	106	197518	111.649	ug/l	96
69) o-Xylene	12.026	106	92304	55.850	ug/l	97
70) Styrene	12.044	104	160168	57.429	ug/l	99
71) Bromoform	12.203	173	40222	61.002	ug/l #	99
73) Isopropylbenzene	12.325	105	244009	52.495	ug/l	97
74) N-amyl acetate	12.142	43	53911	41.831	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	47875	51.811	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62264	88.327	ug/l #	100
77) Bromobenzene	12.605	156	66780	54.079	ug/l	91
78) n-propylbenzene	12.666	91	292809	51.097	ug/l	97
79) 2-Chlorotoluene	12.752	91	166162	51.276	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	217681	53.758	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	15471	49.598	ug/l	98
82) 4-Chlorotoluene	12.855	91	175801	51.860	ug/l	97
83) tert-Butylbenzene	13.075	119	195625	54.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	215960	54.319	ug/l	98
85) sec-Butylbenzene	13.252	105	271601	52.260	ug/l	96
86) p-Isopropyltoluene	13.367	119	240011	53.885	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	131919	52.462	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134361	52.927	ug/l	98
89) n-Butylbenzene	13.697	91	206735	52.097	ug/l	98
90) Hexachloroethane	13.959	117	46341	51.329	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	119532	53.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8859	55.780	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	77959	58.346	ug/l	100
94) Hexachlorobutadiene	15.111	225	47855	55.968	ug/l	99
95) Naphthalene	15.233	128	156549	66.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	71068	60.434	ug/l	100

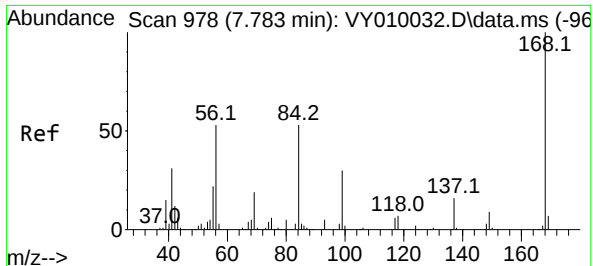
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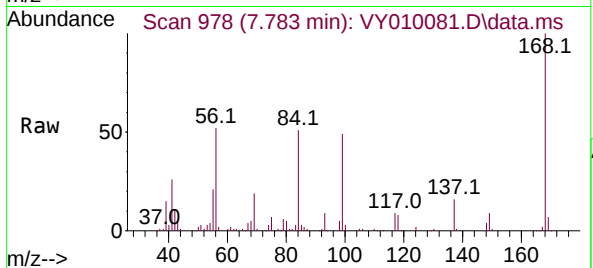
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

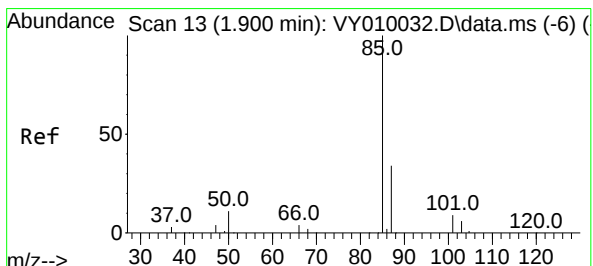
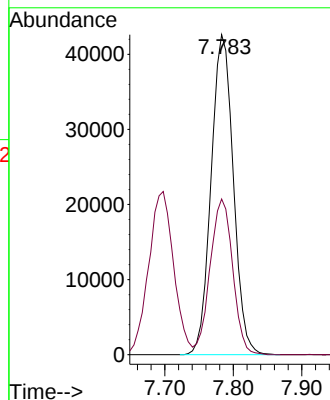
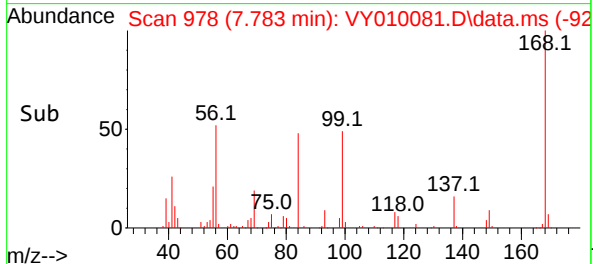


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

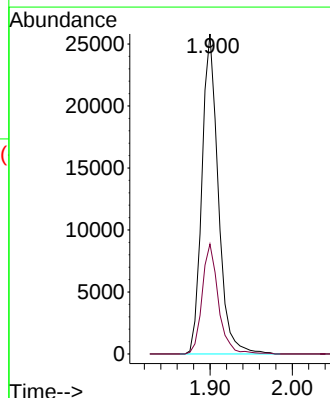
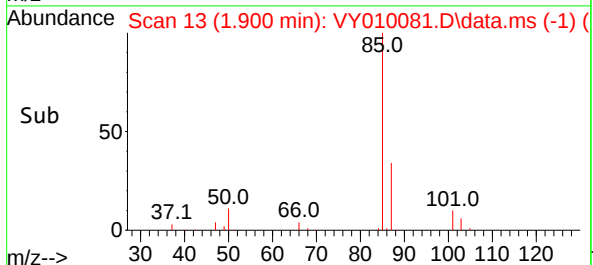
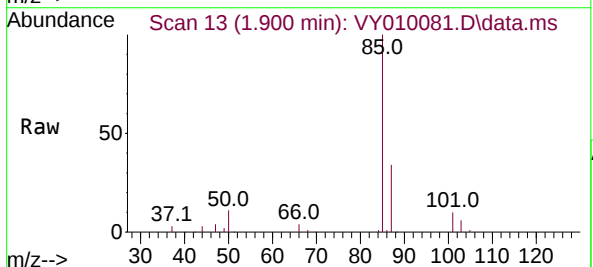


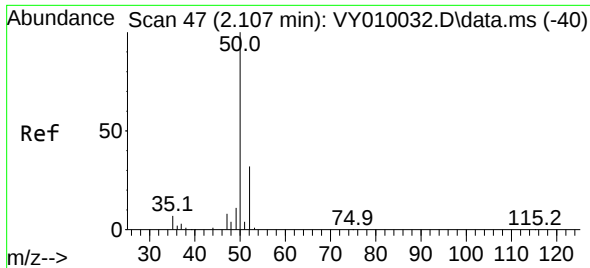
Tgt Ion:168 Resp: 95780
Ion Ratio Lower Upper
168 100
99 48.7 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 45.458 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 85 Resp: 35642
Ion Ratio Lower Upper
85 100
87 34.3 16.9 50.7

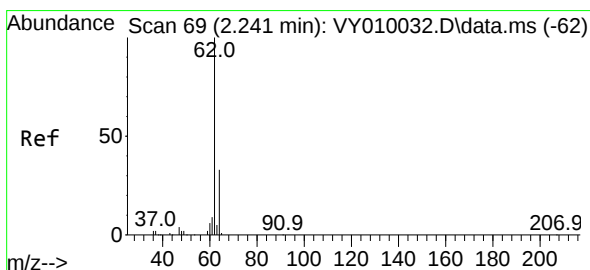
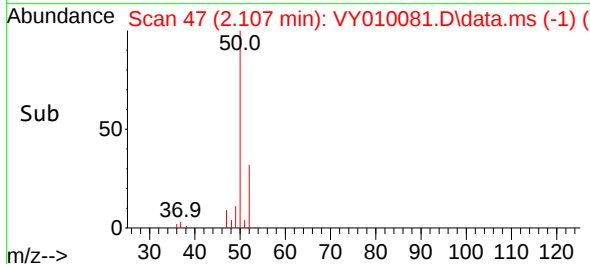
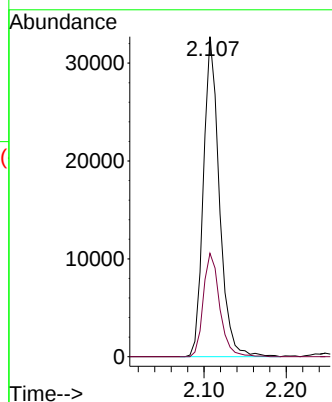
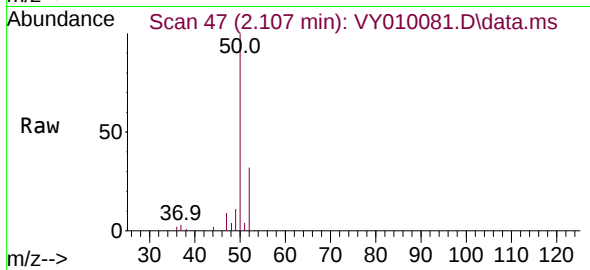




#3
Chloromethane
Concen: 40.980 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

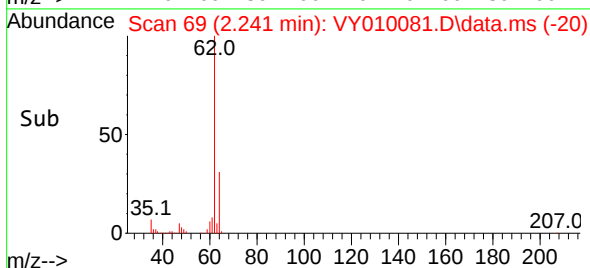
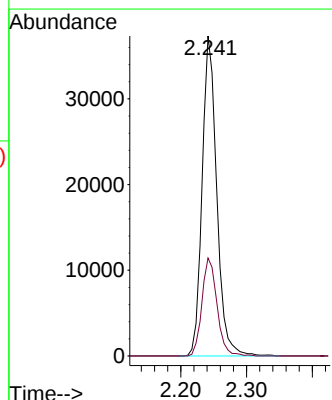
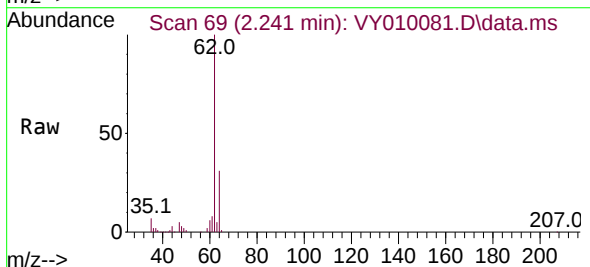
Instrument :
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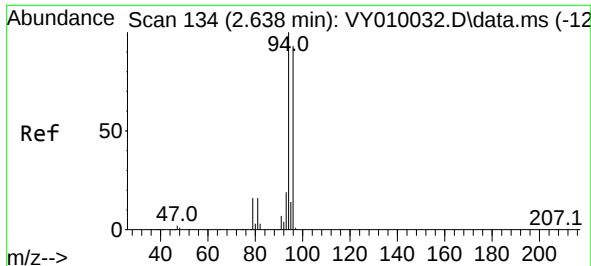
Tgt Ion: 50 Resp: 44029
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 42.304 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 62 Resp: 57630
Ion Ratio Lower Upper
62 100
64 30.6 26.6 39.8

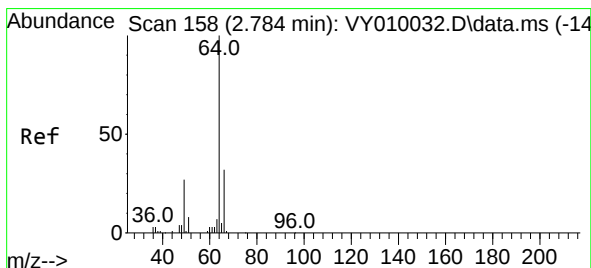
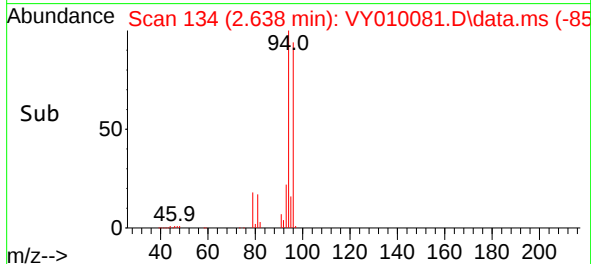
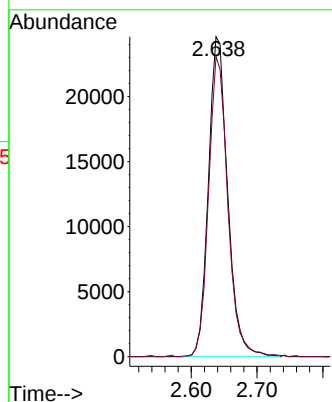
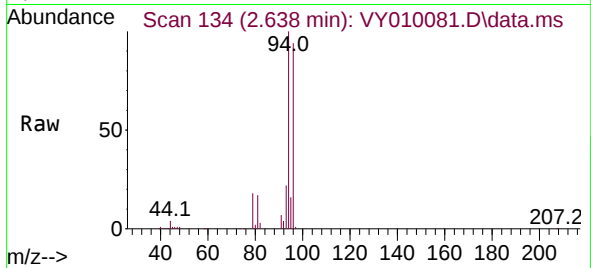




#5
Bromomethane
Concen: 45.079 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

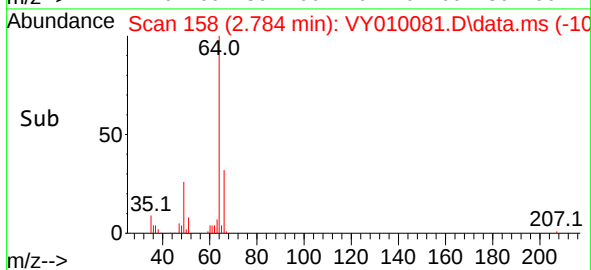
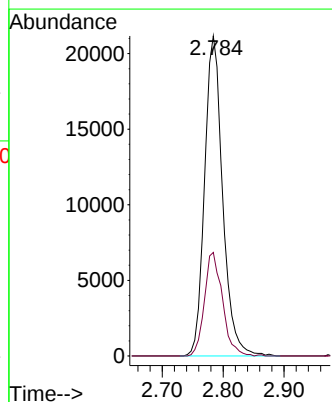
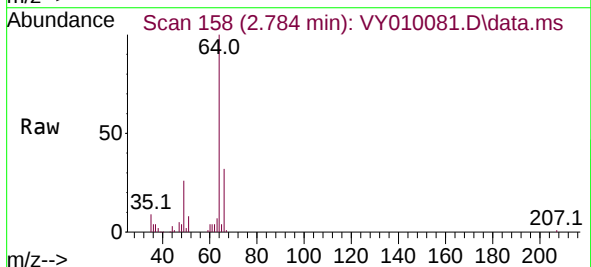
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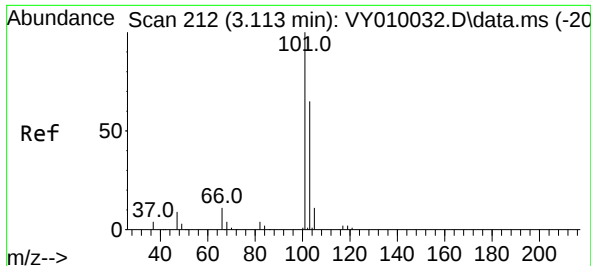
Tgt Ion: 94 Resp: 50124
Ion Ratio Lower Upper
94 100
96 93.8 74.2 111.2



#6
Chloroethane
Concen: 46.476 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 64 Resp: 43603
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0

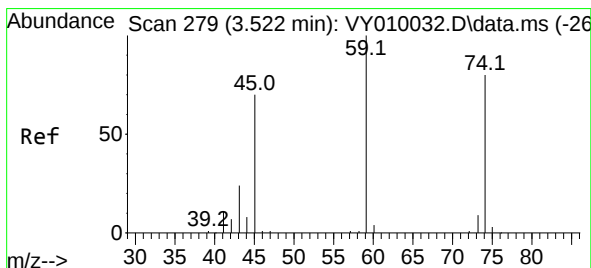
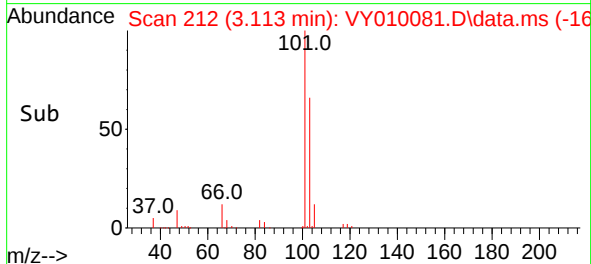
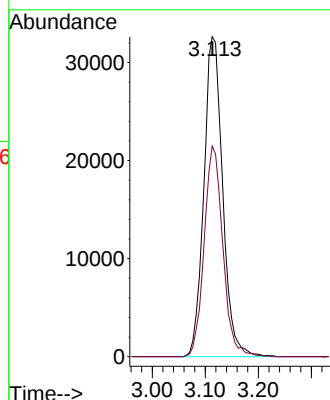
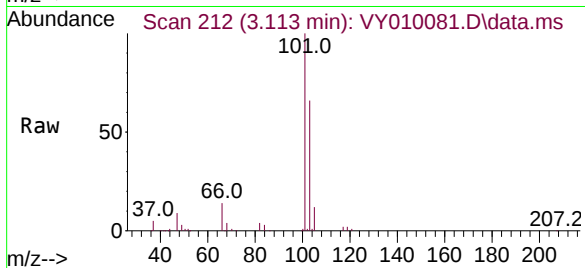




#7
 Trichlorofluoromethane
 Concen: 49.743 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

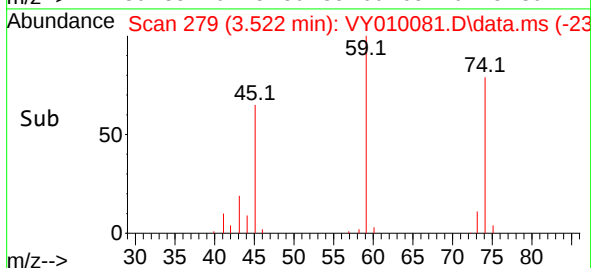
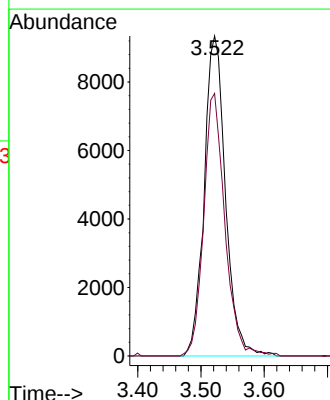
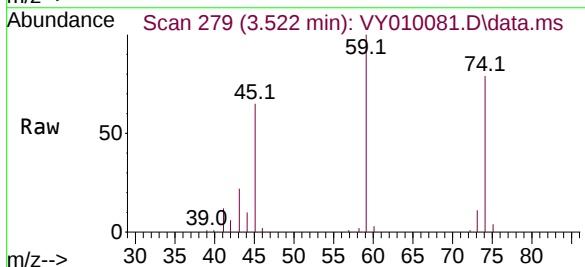
Instrument :
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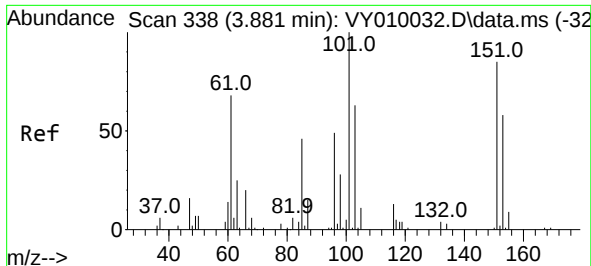
Tgt Ion:101 Resp: 80495
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.1 78.1



#8
 Diethyl Ether
 Concen: 48.257 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

Tgt Ion: 74 Resp: 21871
 Ion Ratio Lower Upper
 74 100
 45 81.7 46.4 139.1

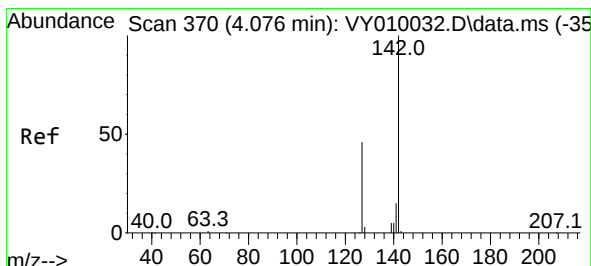
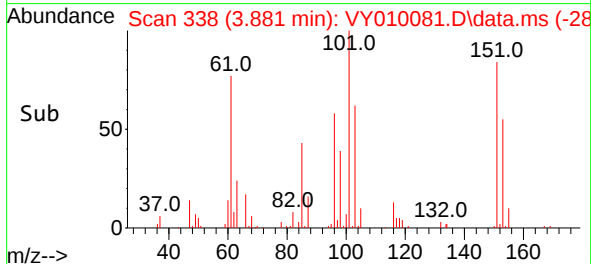
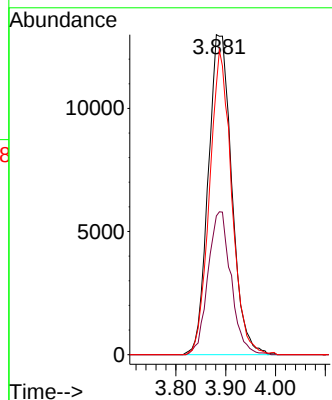
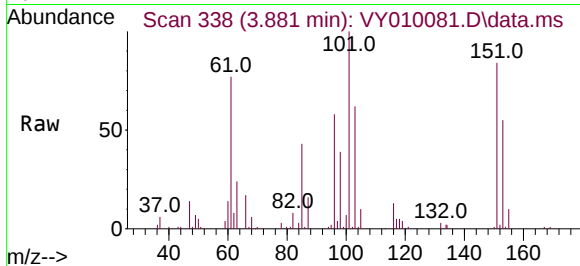




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.690 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

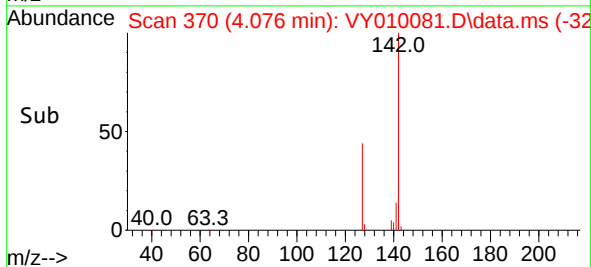
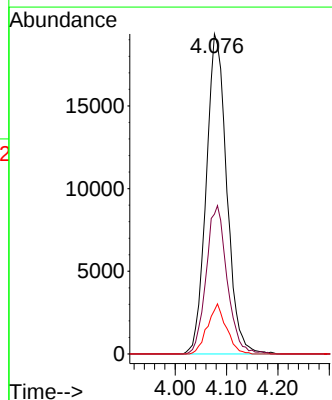
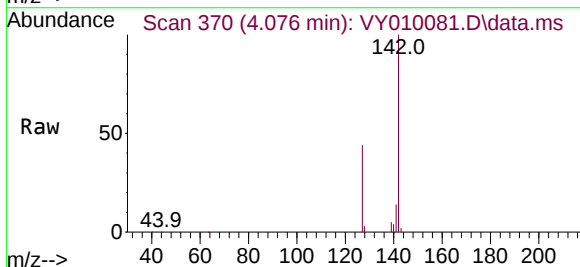
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

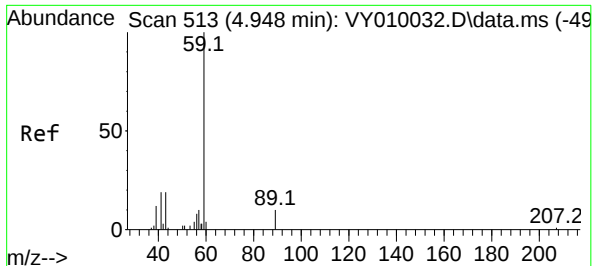
Tgt Ion:101 Resp: 42640
Ion Ratio Lower Upper
101 100
85 43.5 35.6 53.4
151 89.3 68.6 102.8



#10
Methyl Iodide
Concen: 52.911 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:142 Resp: 53745
Ion Ratio Lower Upper
142 100
127 47.2 37.9 56.9
141 14.4 11.6 17.4

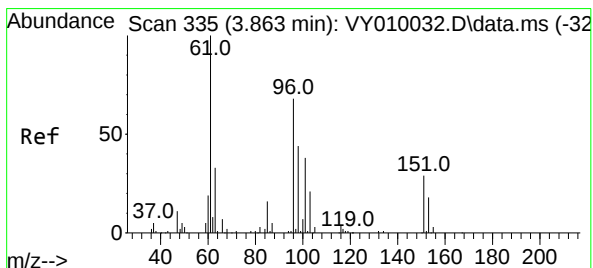
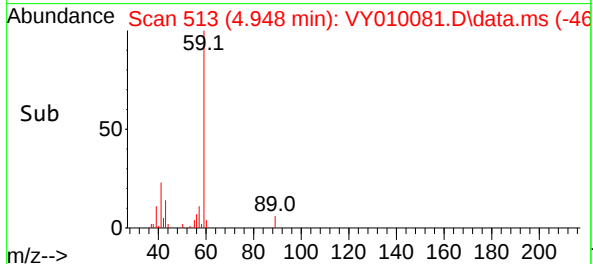
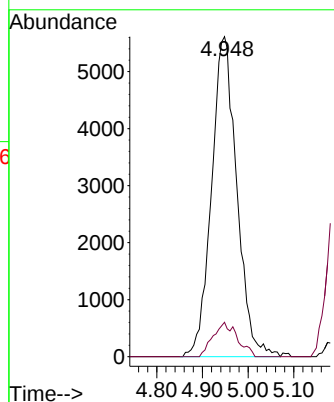
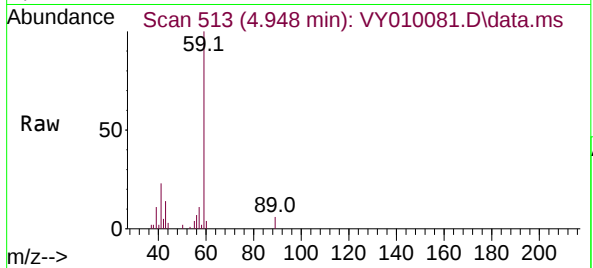




#11
Tert butyl alcohol
Concen: 231.884 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

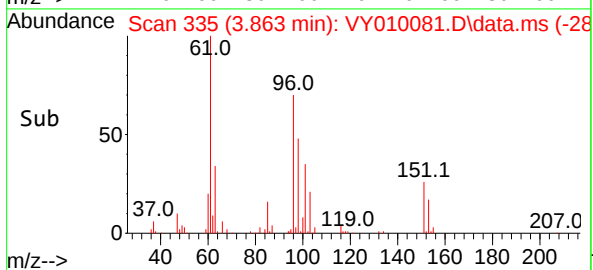
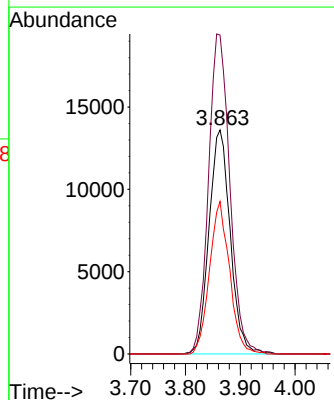
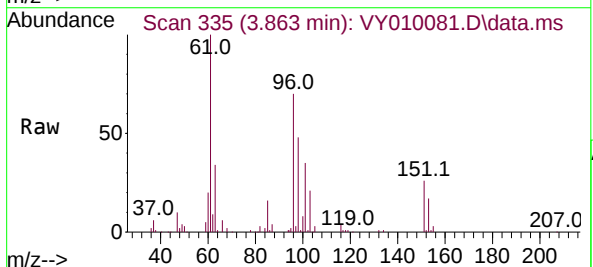
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

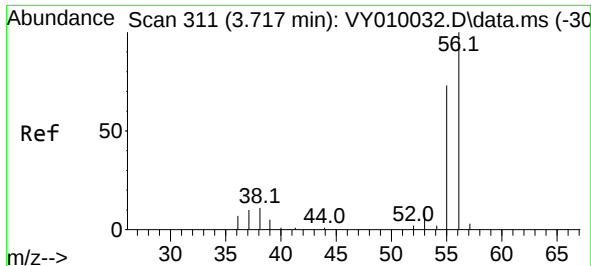
Tgt Ion: 59 Resp: 21596
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6



#12
1,1-Dichloroethene
Concen: 46.559 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 96 Resp: 36566
Ion Ratio Lower Upper
96 100
61 142.4 117.8 176.8
98 68.1 51.9 77.9





#13

Acrolein

Concen: 179.163 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

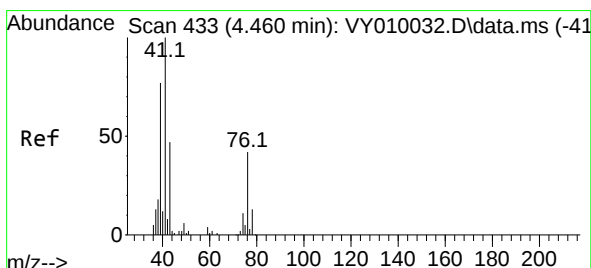
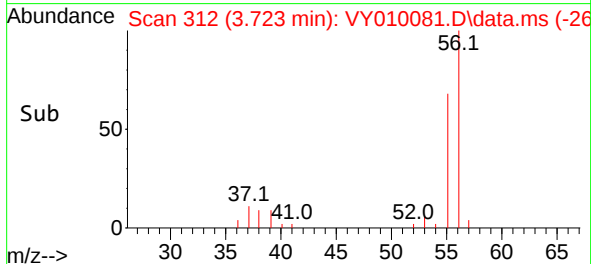
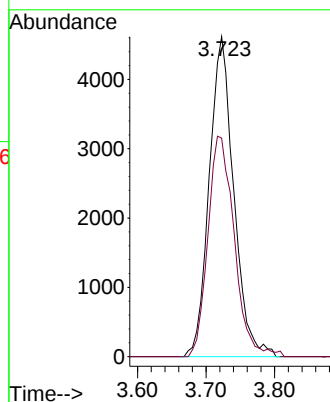
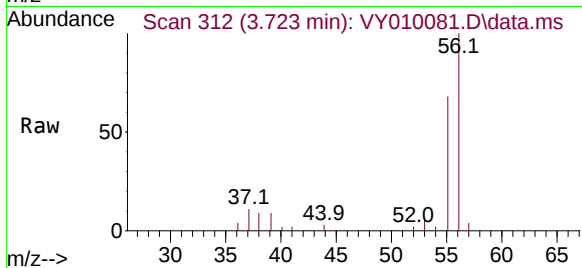
VSTDCCC050EC

Tgt Ion: 56 Resp: 11453

Ion Ratio Lower Upper

56 100

55 74.1 59.4 89.0



#14

Allyl chloride

Concen: 41.506 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.013 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

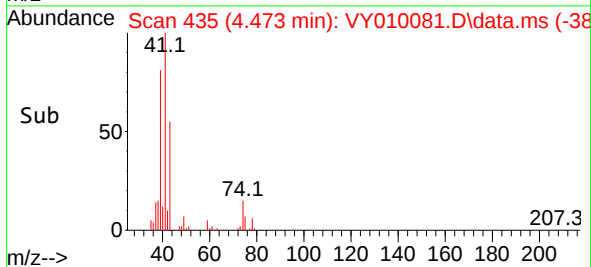
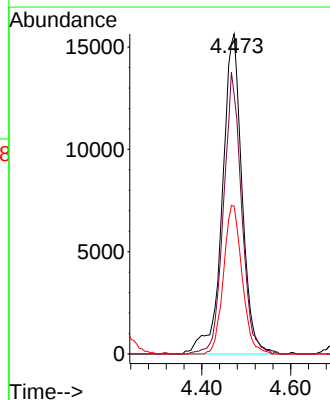
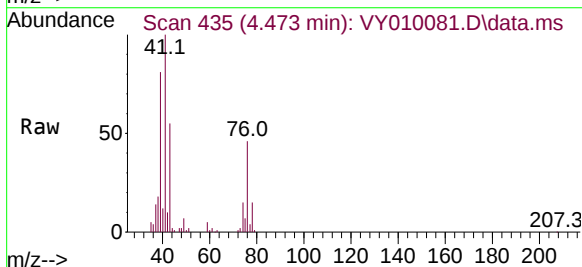
Tgt Ion: 41 Resp: 47907

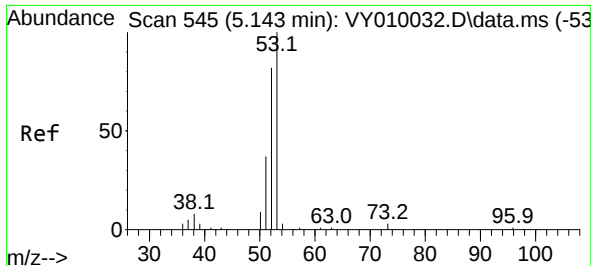
Ion Ratio Lower Upper

41 100

39 80.5 63.2 94.8

76 43.9 32.7 49.1

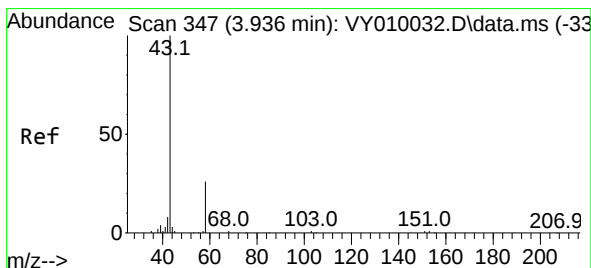
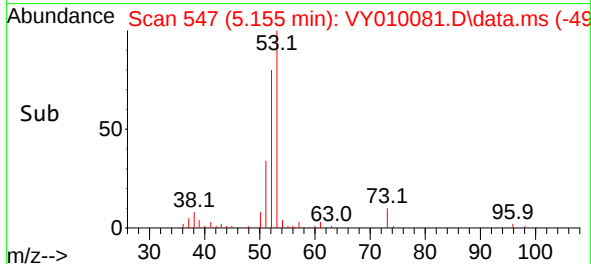
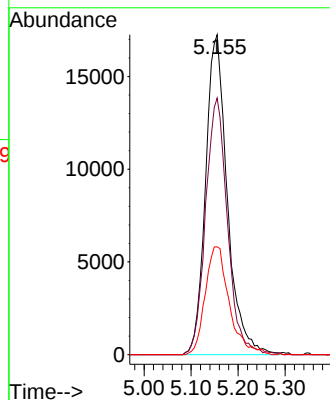
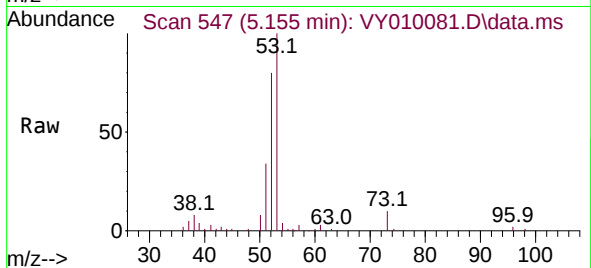




#15
Acrylonitrile
Concen: 260.128 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

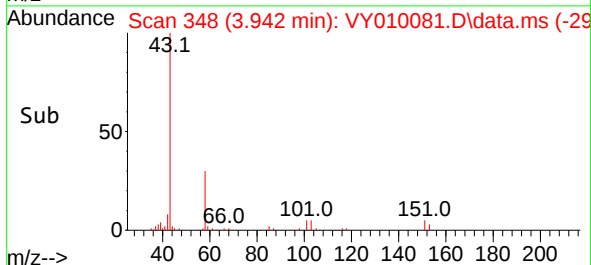
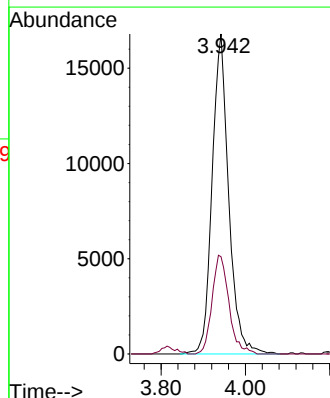
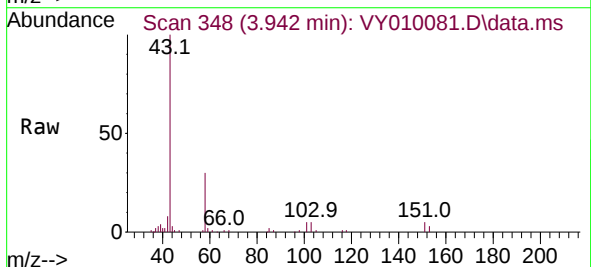
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

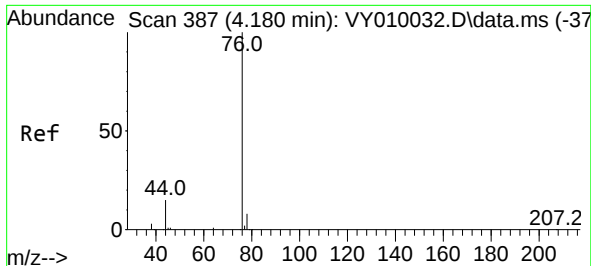
Tgt Ion: 53 Resp: 55590
Ion Ratio Lower Upper
53 100
52 80.7 65.1 97.7
51 37.3 30.2 45.4



#16
Acetone
Concen: 222.978 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 43 Resp: 45738
Ion Ratio Lower Upper
43 100
58 30.4 21.4 32.0

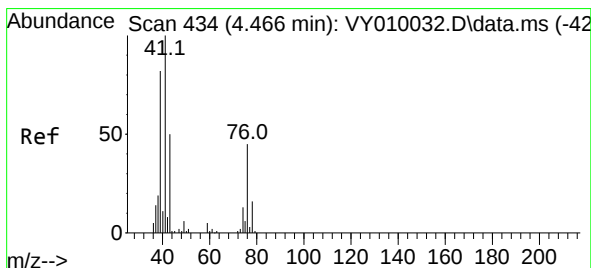
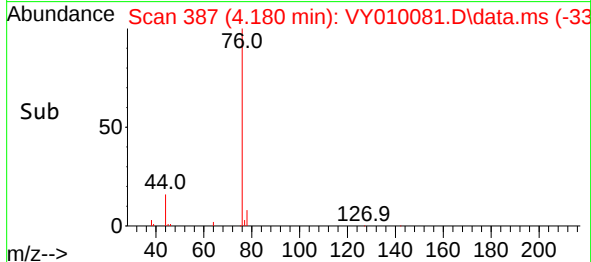
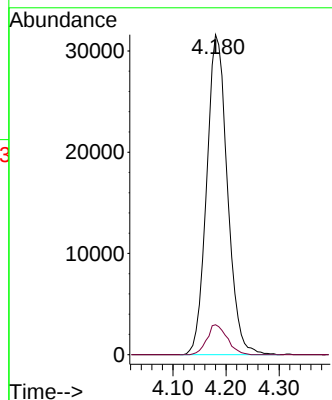
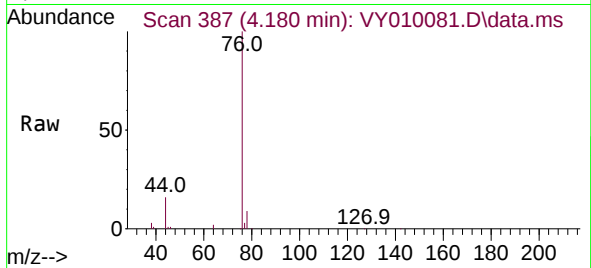




#17
Carbon Disulfide
Concen: 38.161 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

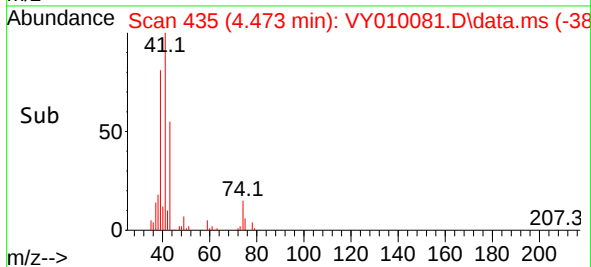
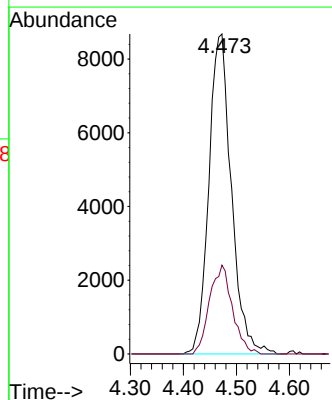
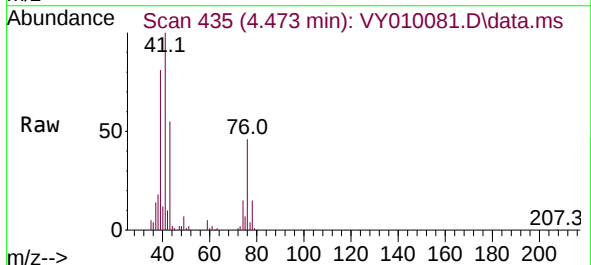
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 85848
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1



#18
Methyl Acetate
Concen: 45.711 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 43 Resp: 25534
Ion Ratio Lower Upper
43 100
74 28.2 20.7 31.1

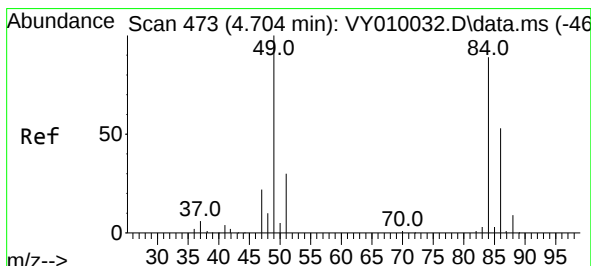
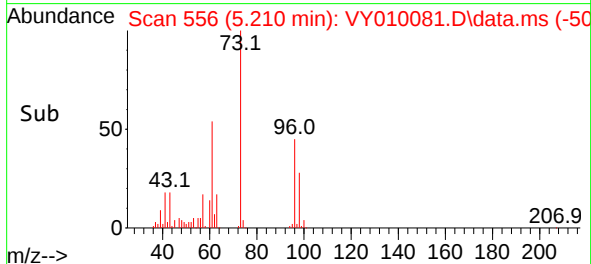
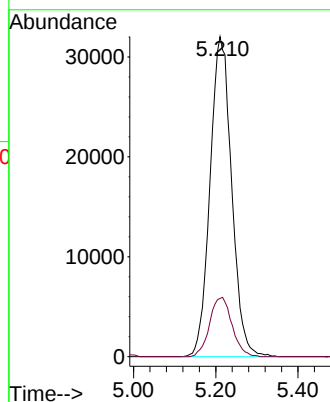
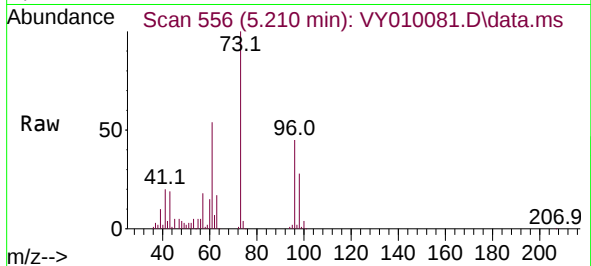




#19
Methyl tert-butyl Ether
Concen: 54.092 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

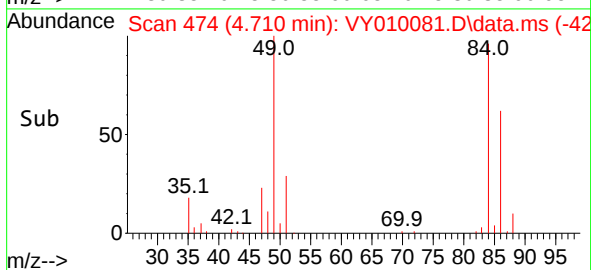
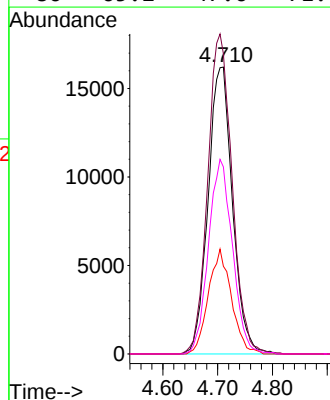
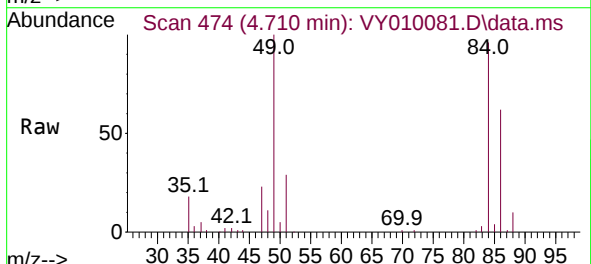
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

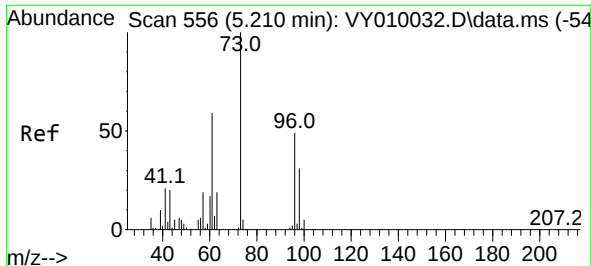
Tgt Ion: 73 Resp: 116725
Ion Ratio Lower Upper
73 100
57 18.2 15.4 23.0



#20
Methylene Chloride
Concen: 52.983 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 84 Resp: 50084
Ion Ratio Lower Upper
84 100
49 104.6 89.5 134.3
51 30.6 26.8 40.2
86 65.2 47.6 71.4

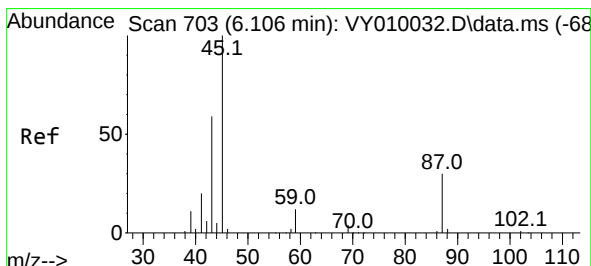
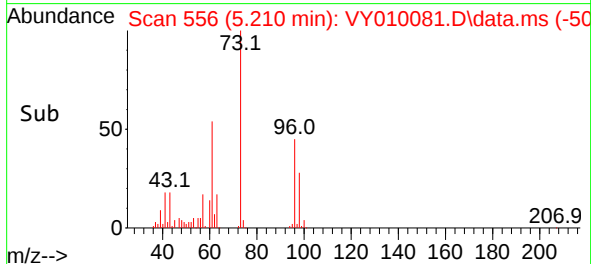
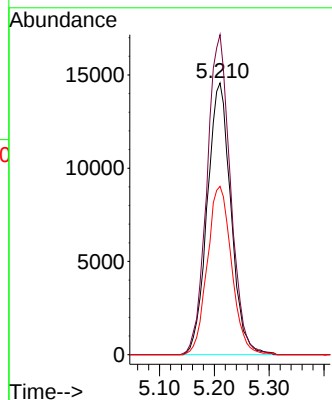
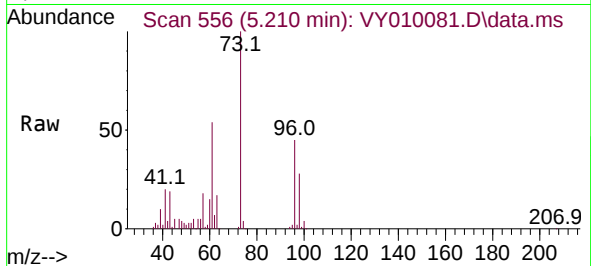




#21
trans-1,2-Dichloroethene
Concen: 48.357 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

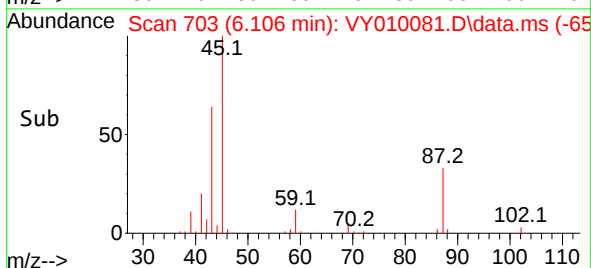
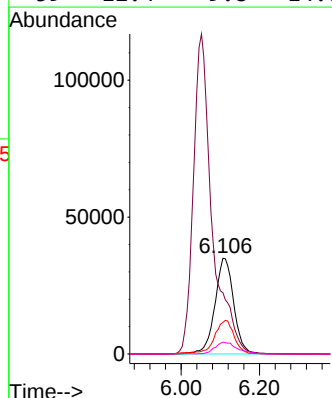
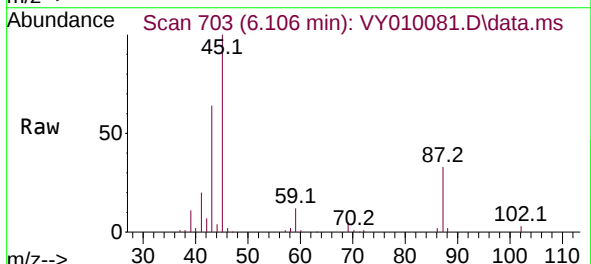
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

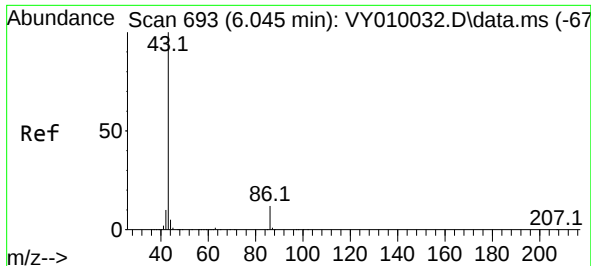
Tgt Ion: 96 Resp: 43677
Ion Ratio Lower Upper
96 100
61 117.8 96.8 145.2
98 62.0 51.0 76.4



#22
Diisopropyl ether
Concen: 51.380 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 45 Resp: 116641
Ion Ratio Lower Upper
45 100
43 63.7 47.5 71.3
87 32.9 24.4 36.6
59 12.4 9.8 14.6

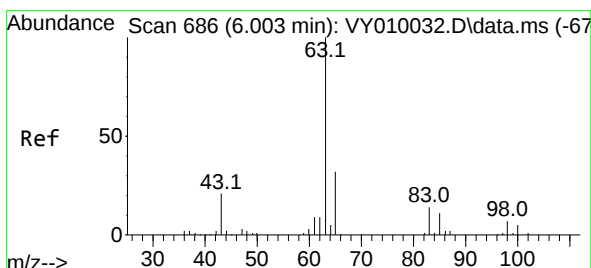
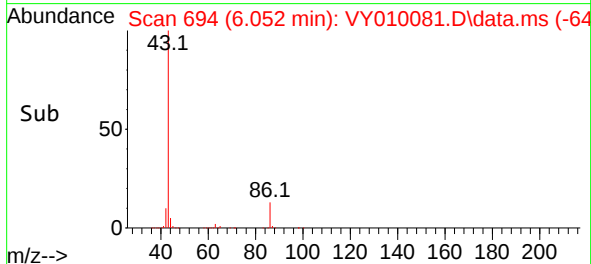
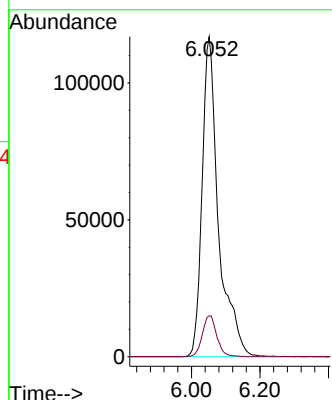
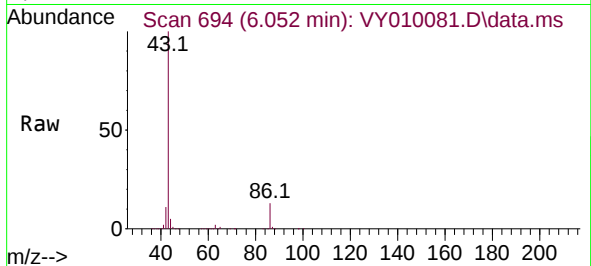




#23
 Vinyl Acetate
 Concen: 271.775 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. 0.007 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

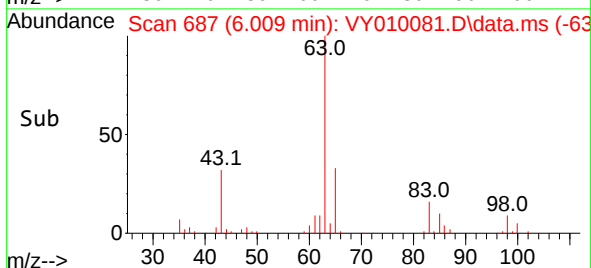
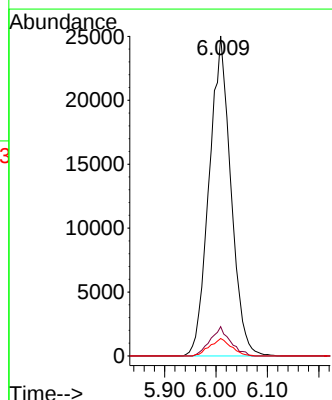
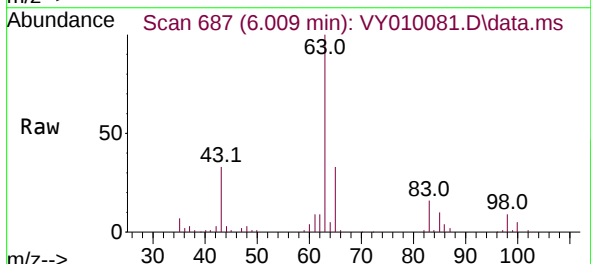
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

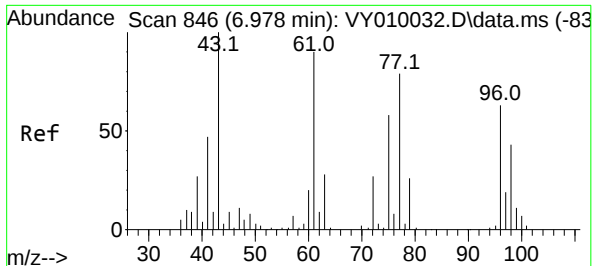
Tgt Ion: 43 Resp: 389319
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 50.943 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

Tgt Ion: 63 Resp: 73448
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.7 11.1
 100 5.5 2.3 6.8





#25

2-Butanone

Concen: 255.846 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

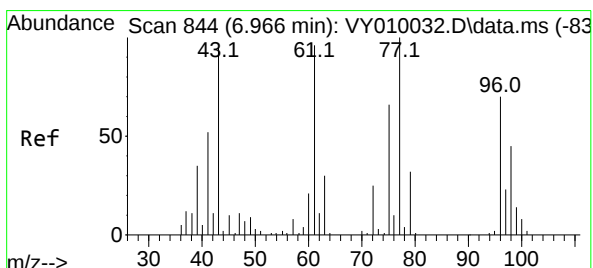
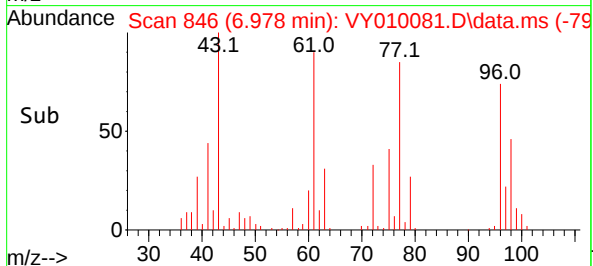
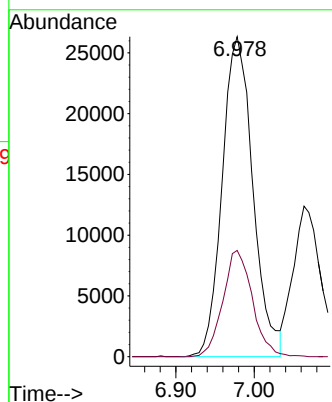
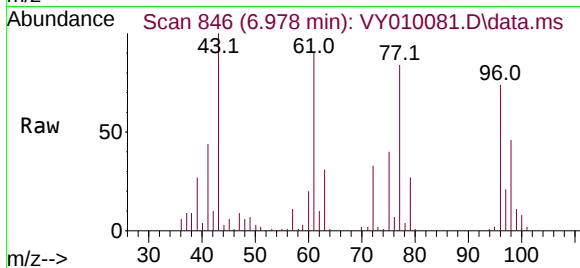
VSTDCCC050EC

Tgt Ion: 43 Resp: 71795

Ion Ratio Lower Upper

43 100

72 33.2 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 45.729 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010081.D

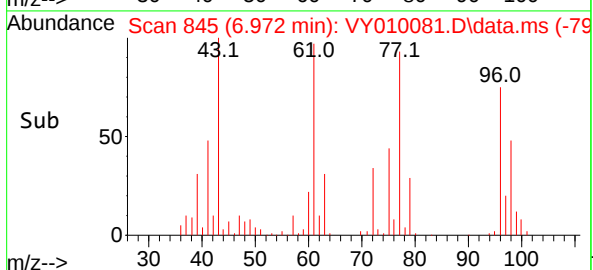
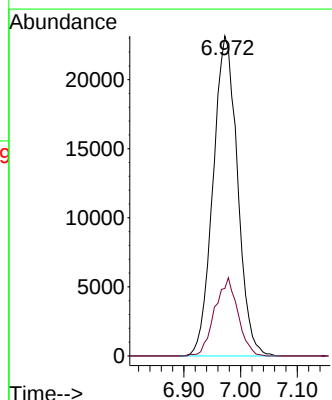
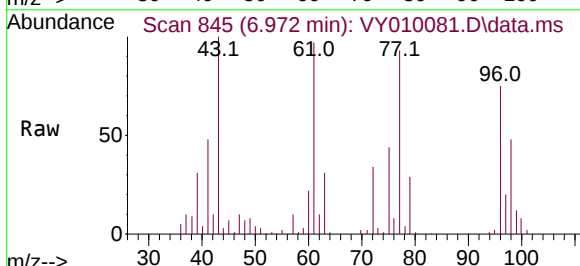
Acq: 17 Aug 2022 20:08

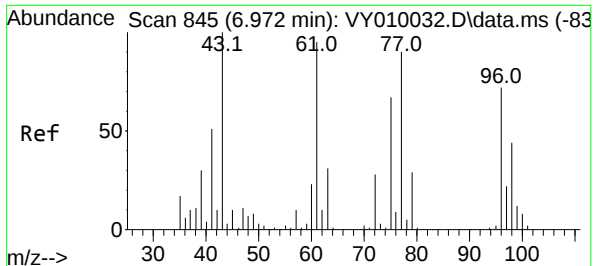
Tgt Ion: 77 Resp: 69289

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 52.649 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

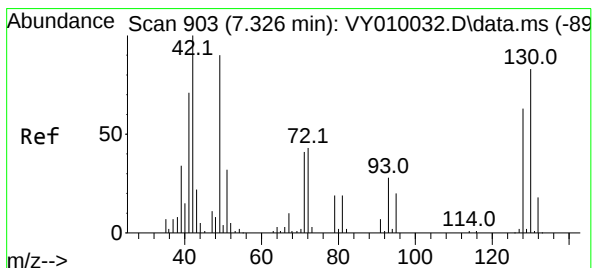
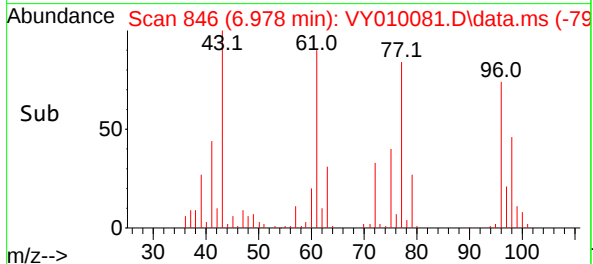
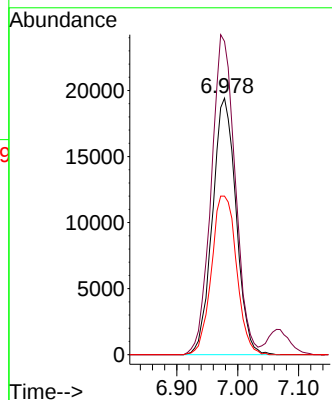
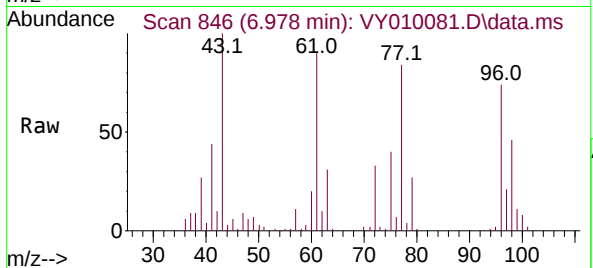
Tgt Ion: 96 Resp: 52293

Ion Ratio Lower Upper

96 100

61 126.0 0.0 276.0

98 65.6 0.0 128.4



#28

Bromochloromethane

Concen: 49.536 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

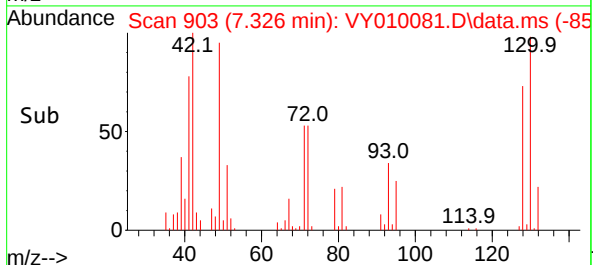
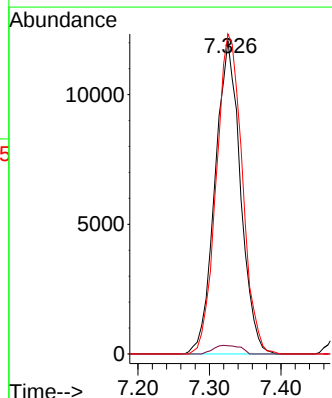
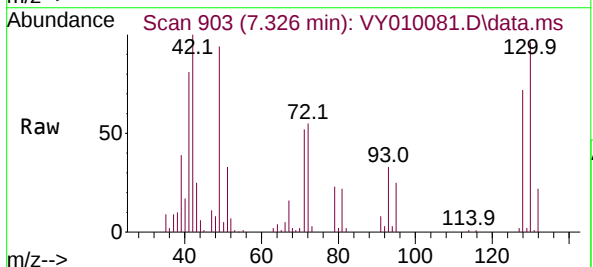
Tgt Ion: 49 Resp: 29719

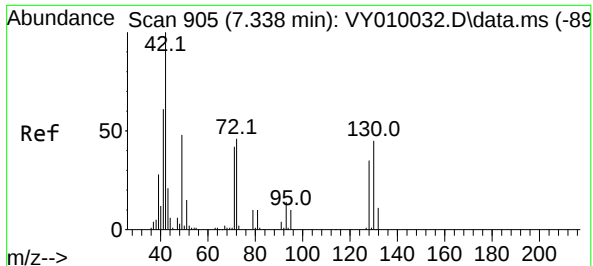
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.8

130 104.5 71.0 106.4





#29

Tetrahydrofuran

Concen: 274.322 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

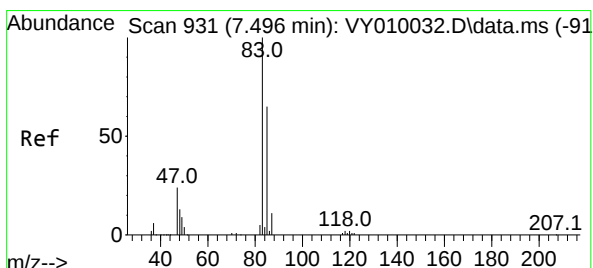
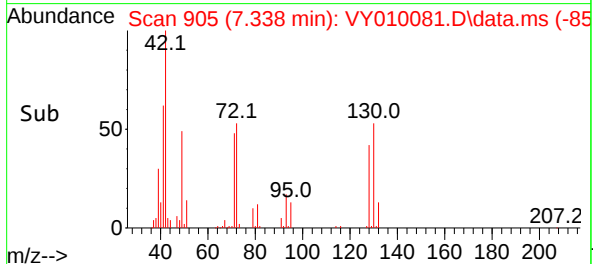
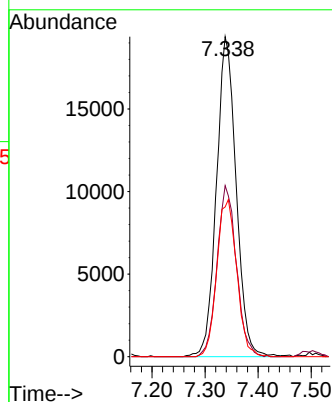
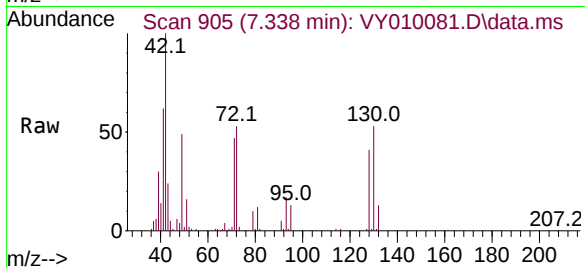
Tgt Ion: 42 Resp: 50001

Ion Ratio Lower Upper

42 100

72 52.4 36.5 54.7

71 49.7 33.4 50.2



#30

Chloroform

Concen: 51.937 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010081.D

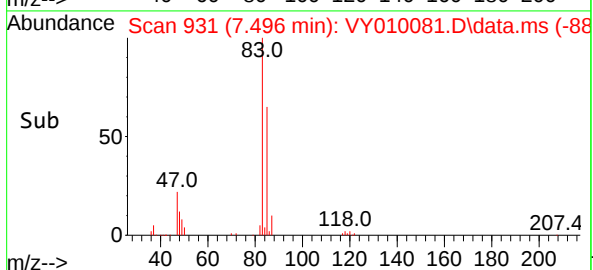
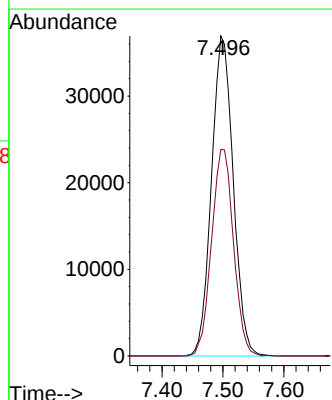
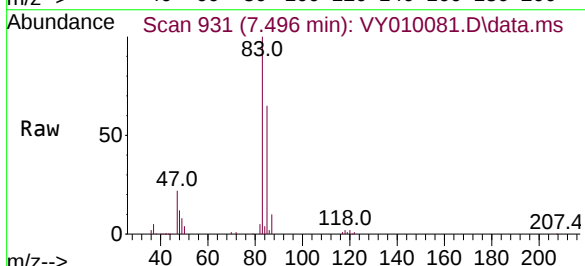
Acq: 17 Aug 2022 20:08

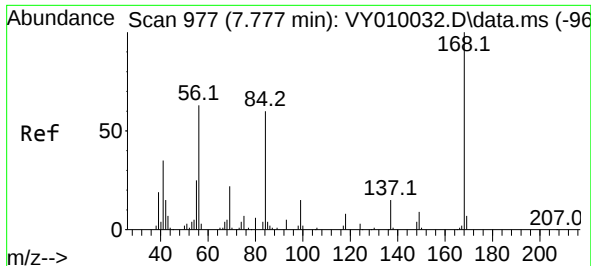
Tgt Ion: 83 Resp: 91576

Ion Ratio Lower Upper

83 100

85 64.6 51.9 77.9

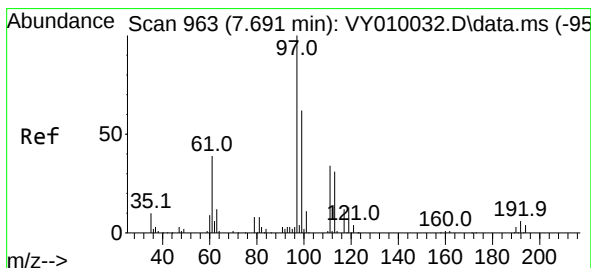
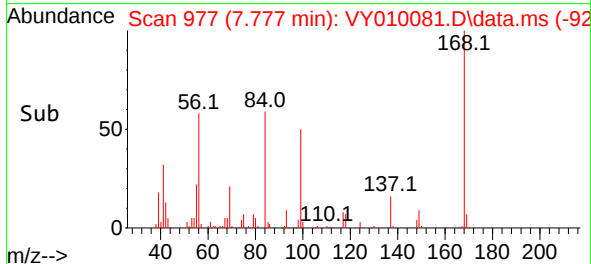
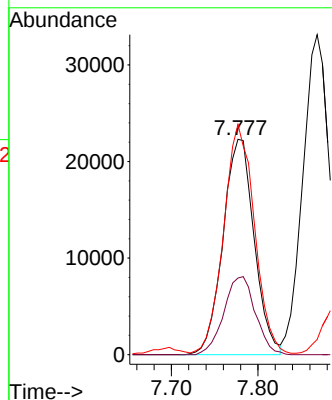
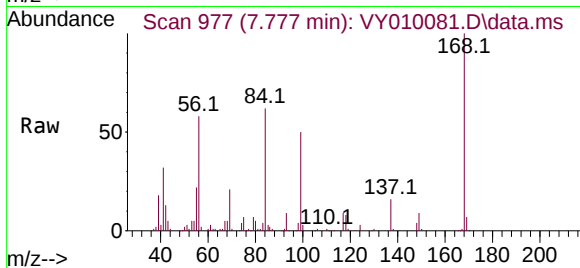




#31
Cyclohexane
Concen: 41.290 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

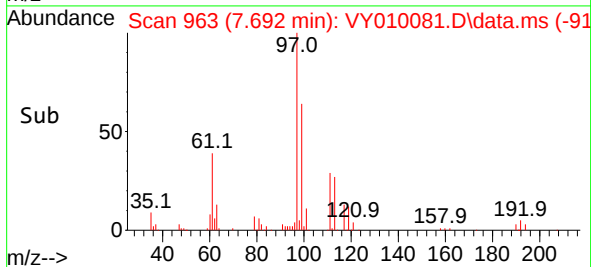
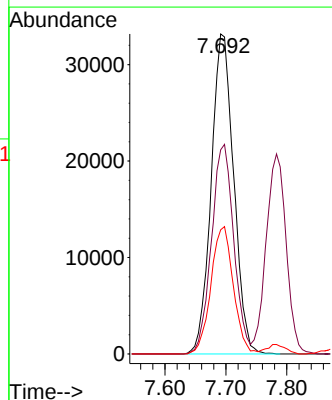
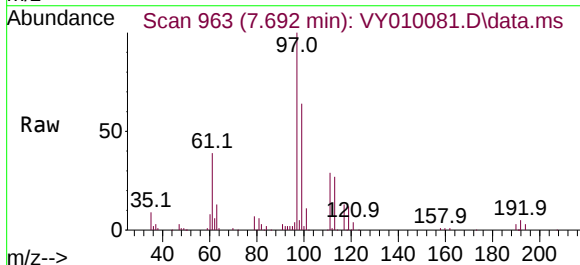
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

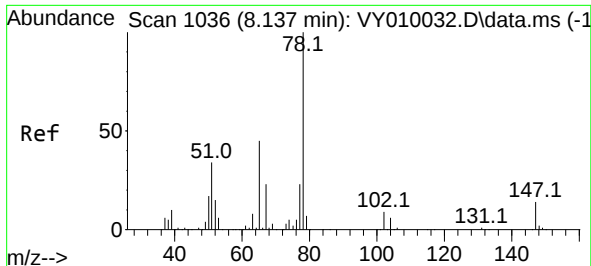
Tgt Ion: 56 Resp: 55871
Ion Ratio Lower Upper
56 100
69 35.6 28.6 43.0
84 105.1 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 53.170 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.001 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 97 Resp: 84984
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 39.7 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 48.839 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

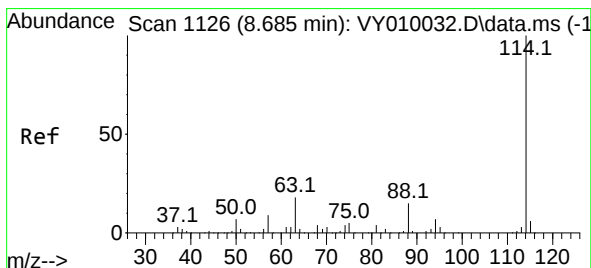
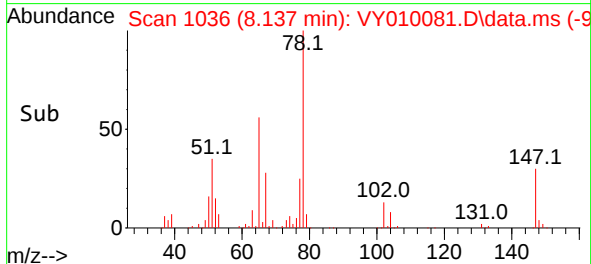
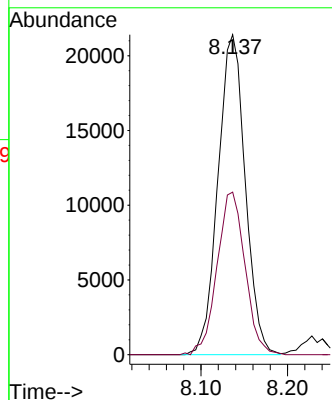
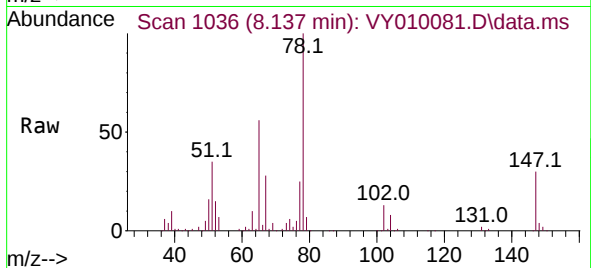
VSTDCCC050EC

Tgt Ion: 65 Resp: 46772

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

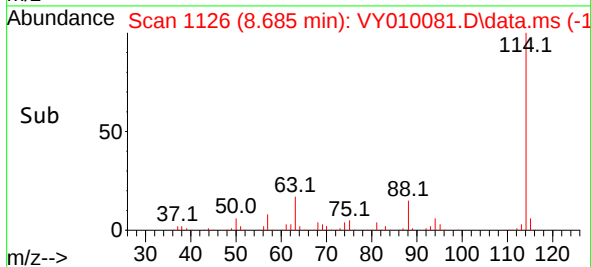
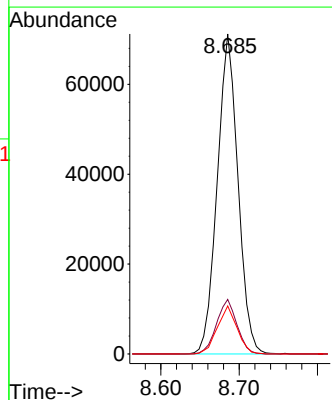
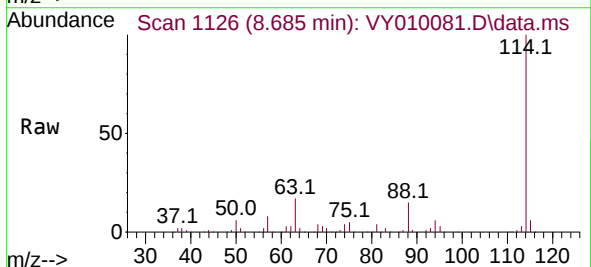
Tgt Ion: 114 Resp: 131059

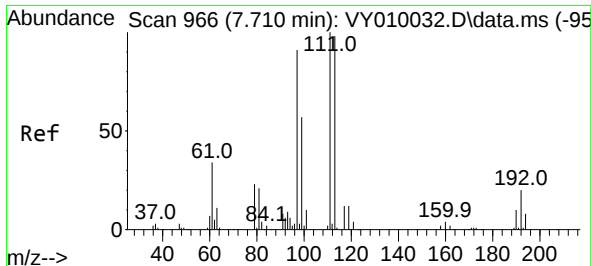
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 15.0 0.0 30.2

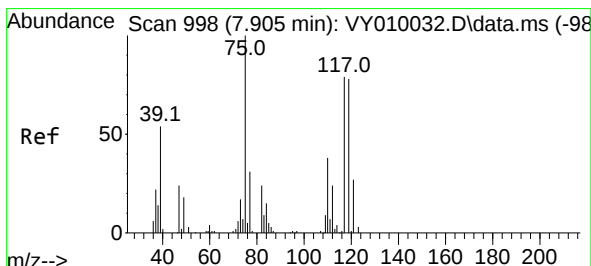
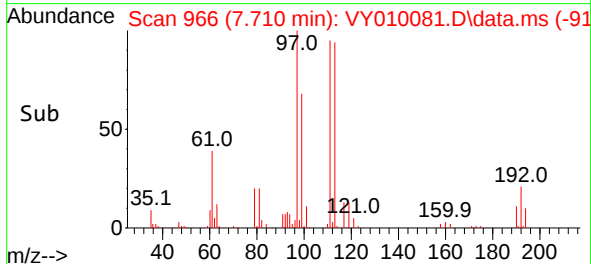
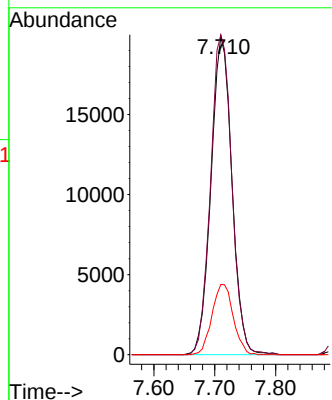
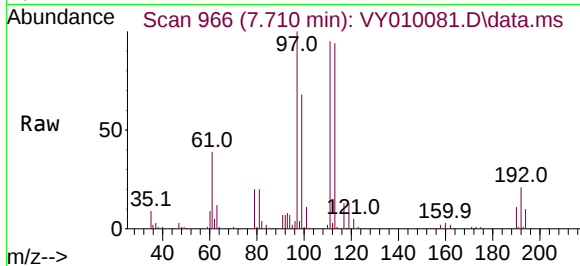




#35
Dibromofluoromethane
Concen: 55.732 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

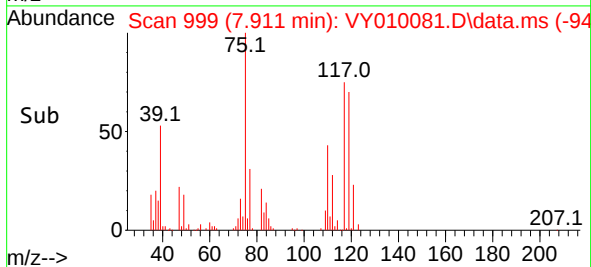
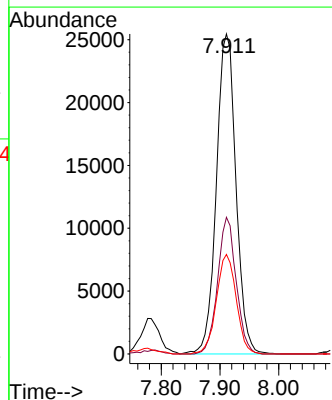
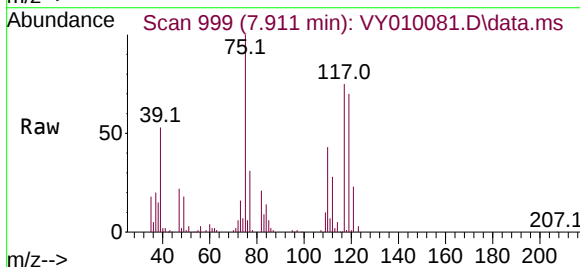
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

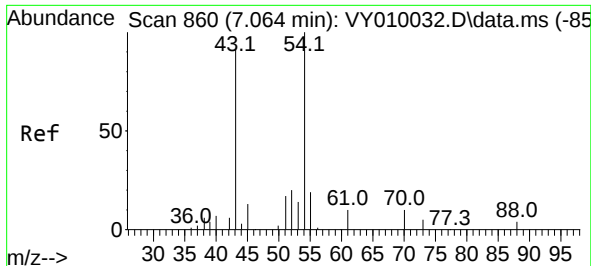
Tgt Ion:113 Resp: 47368
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 22.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 49.816 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 75 Resp: 58982
Ion Ratio Lower Upper
75 100
110 40.4 18.4 55.4
77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 53.419 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

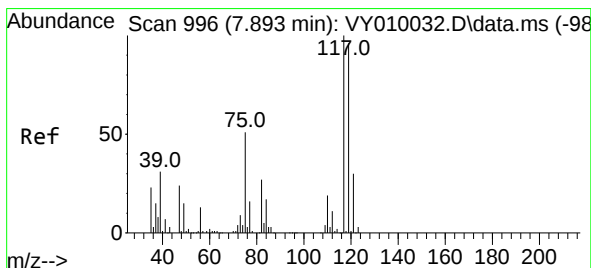
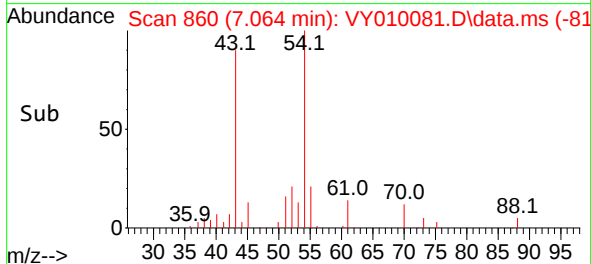
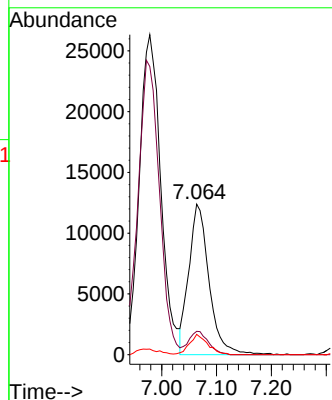
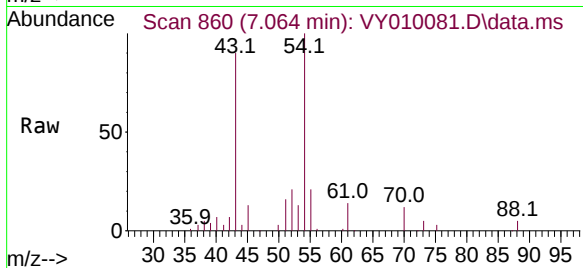
Tgt Ion: 43 Resp: 31850

Ion Ratio Lower Upper

43 100

61 15.3 9.6 14.4#

70 12.2 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 56.147 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

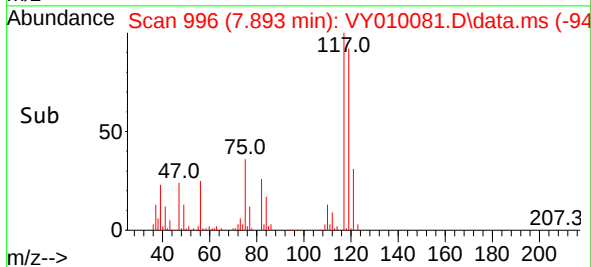
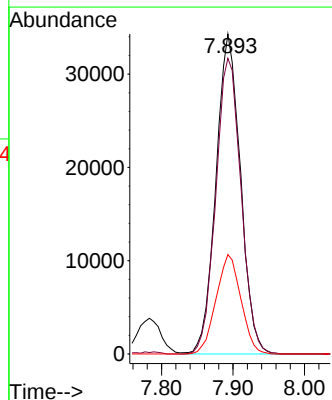
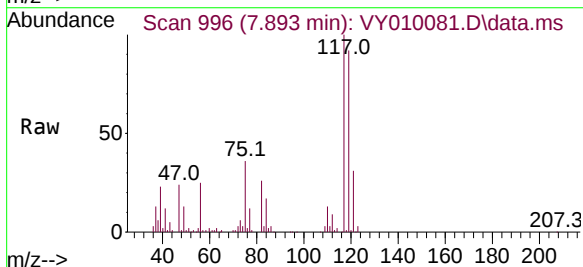
Tgt Ion: 117 Resp: 81757

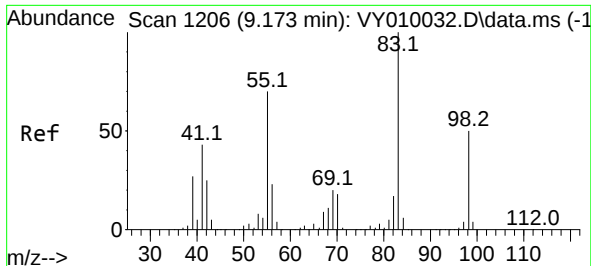
Ion Ratio Lower Upper

117 100

119 92.4 77.0 115.6

121 31.1 24.2 36.4





#39

Methylcyclohexane

Concen: 51.434 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

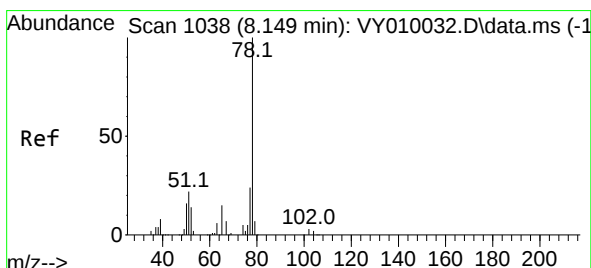
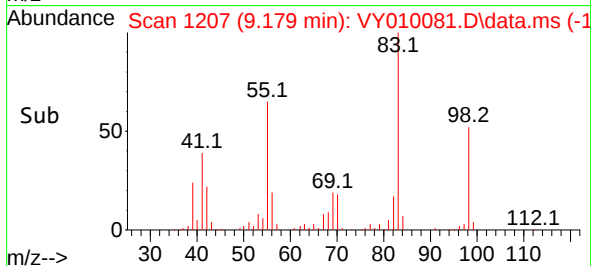
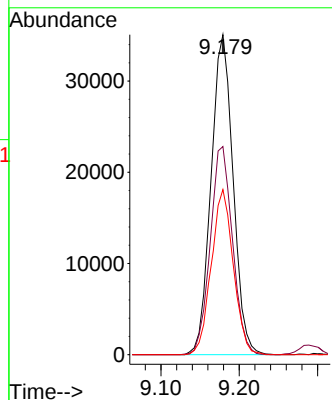
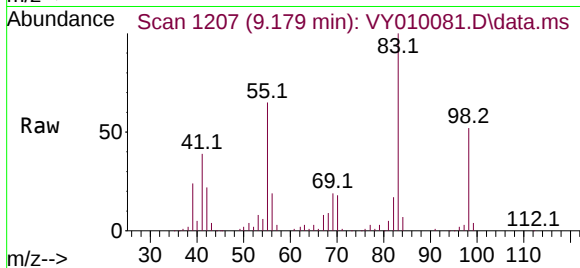
Tgt Ion: 83 Resp: 68611

Ion Ratio Lower Upper

83 100

55 65.1 56.3 84.5

98 51.6 39.8 59.8



#40

Benzene

Concen: 50.231 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010081.D

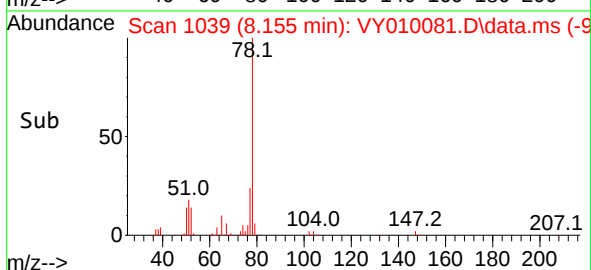
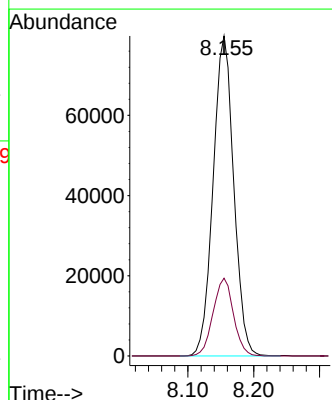
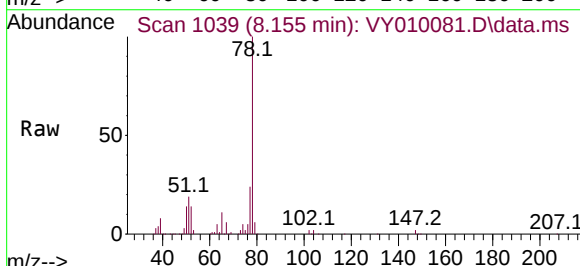
Acq: 17 Aug 2022 20:08

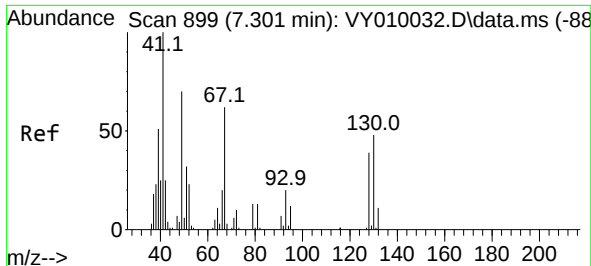
Tgt Ion: 78 Resp: 173987

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

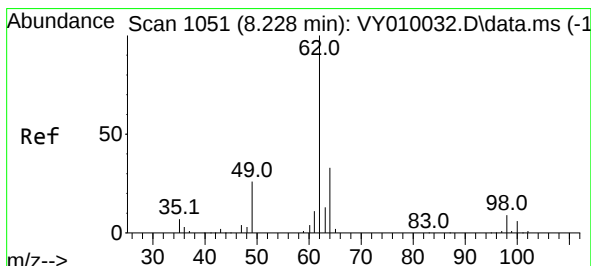
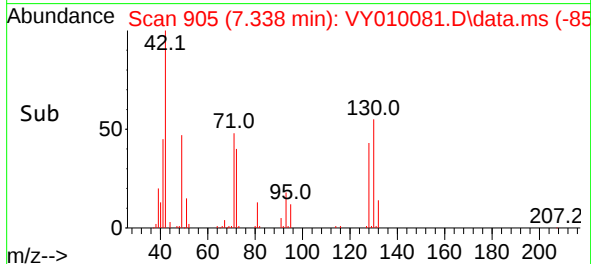
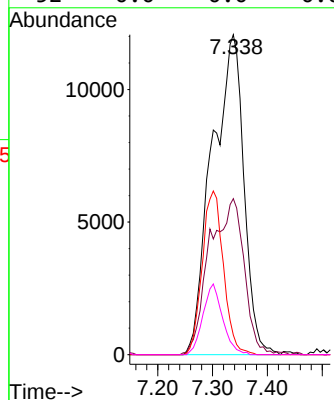
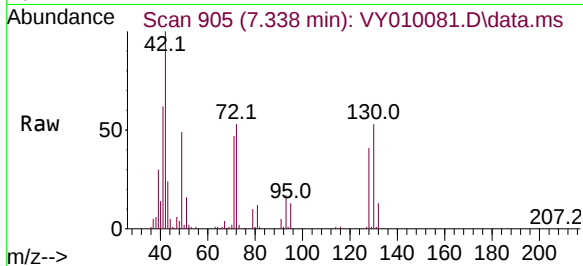




#41
Methacrylonitrile
Concen: 157.981 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

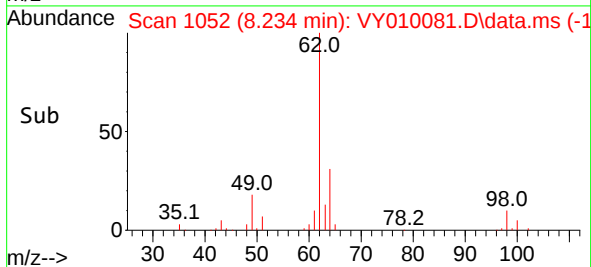
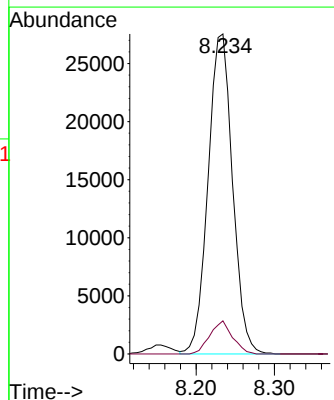
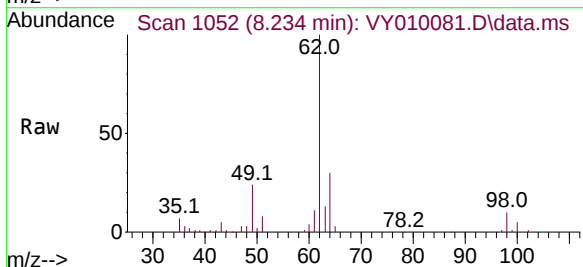
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

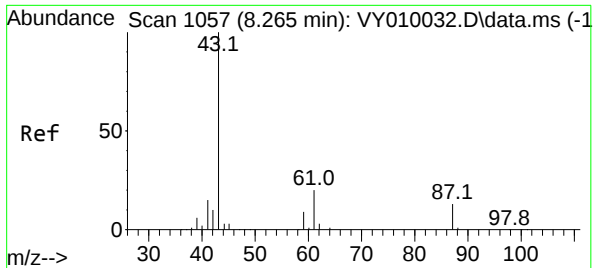
Tgt Ion: 41 Resp: 48654
Ion Ratio Lower Upper
41 100
39 52.7 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 55.446 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 62 Resp: 59841
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0

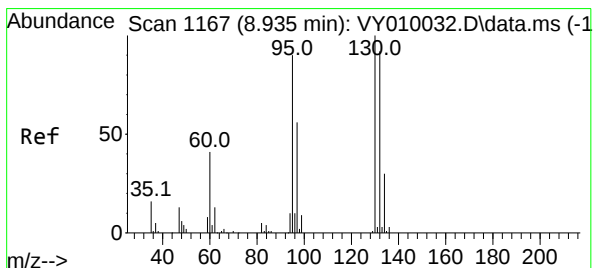
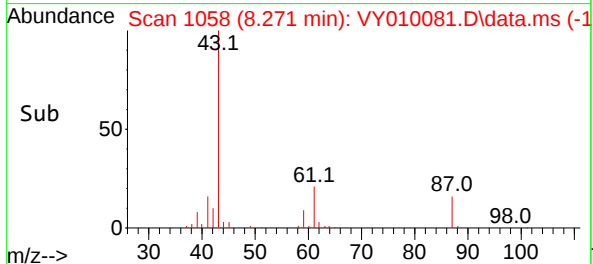
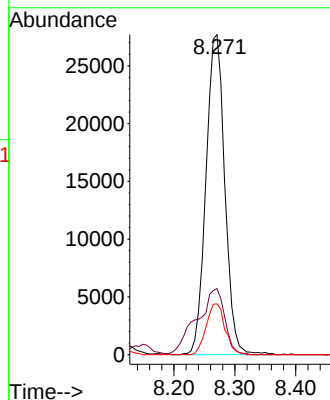
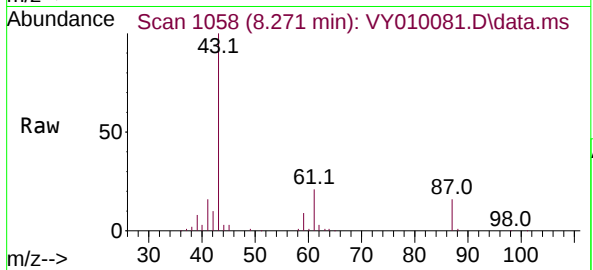




#43
Isopropyl Acetate
Concen: 52.614 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

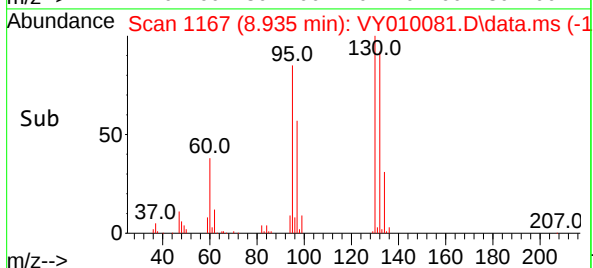
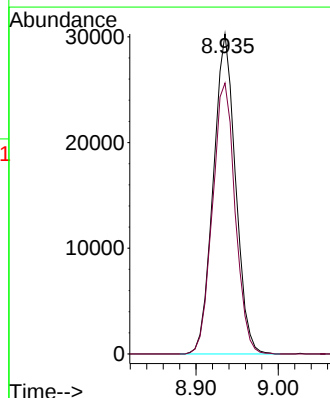
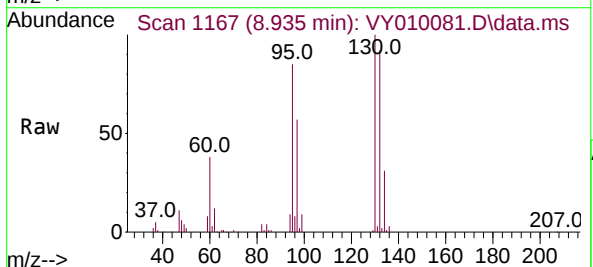
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

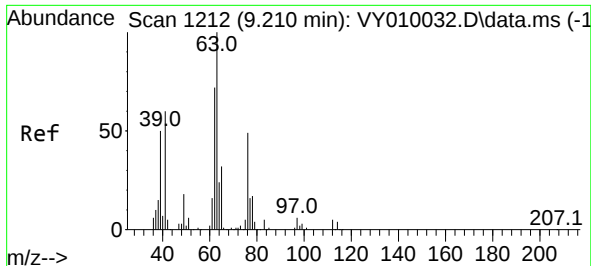
Tgt Ion: 43 Resp: 59545
Ion Ratio Lower Upper
43 100
61 30.5 23.0 34.6
87 15.8 11.1 16.7



#44
Trichloroethene
Concen: 54.268 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 130 Resp: 56815
Ion Ratio Lower Upper
130 100
95 84.7 0.0 180.0





#45

1,2-Dichloropropane

Concen: 50.638 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

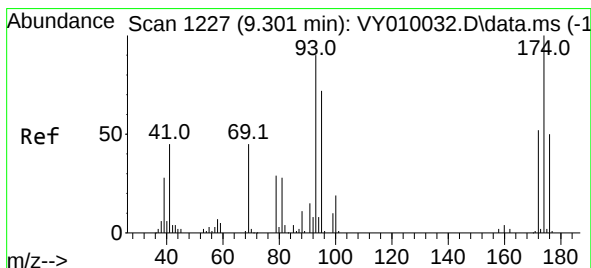
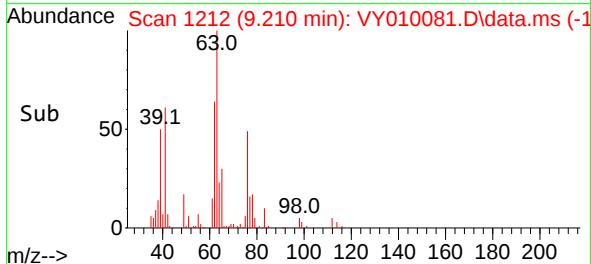
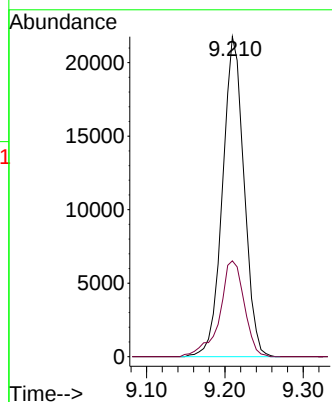
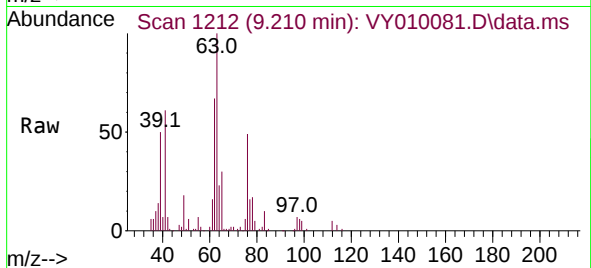
VSTDCCC050EC

Tgt Ion: 63 Resp: 41472

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.0



#46

Dibromomethane

Concen: 57.586 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

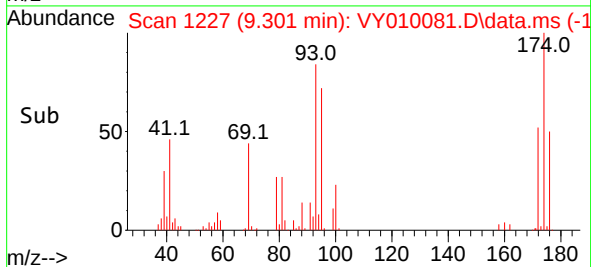
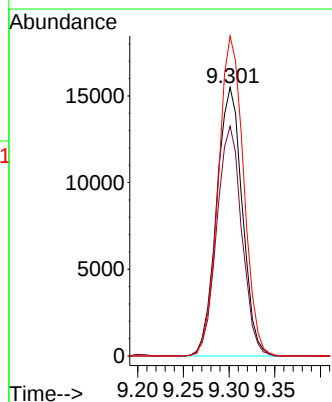
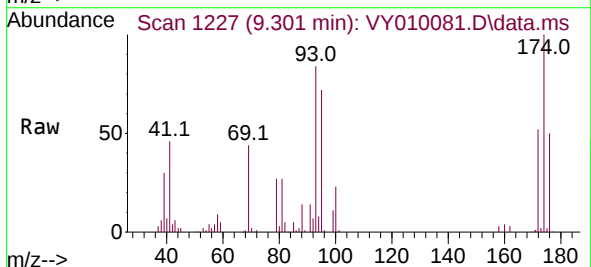
Tgt Ion: 93 Resp: 30206

Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

174 117.6 89.5 134.3

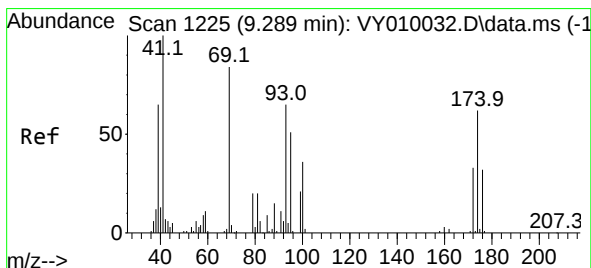
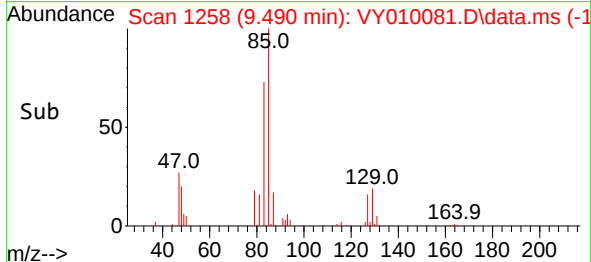
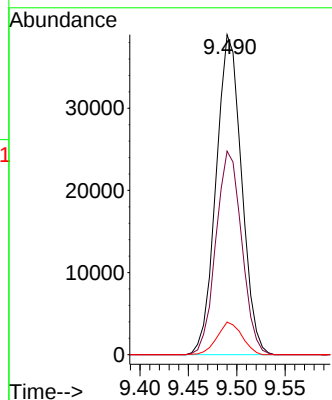
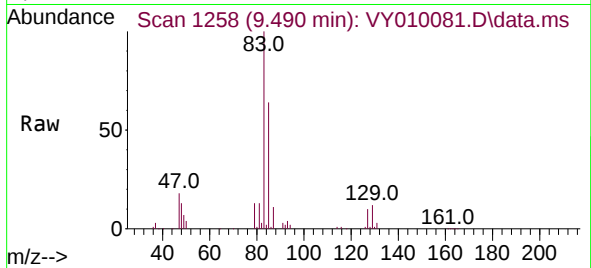




#47
Bromodichloromethane
Concen: 56.472 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

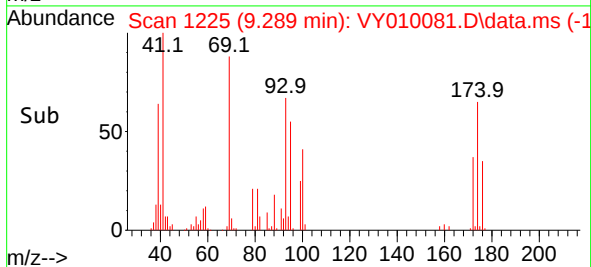
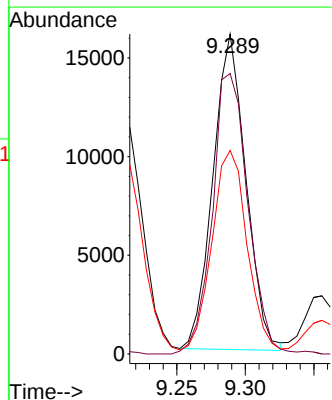
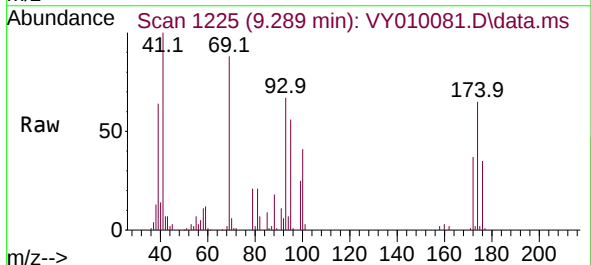
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

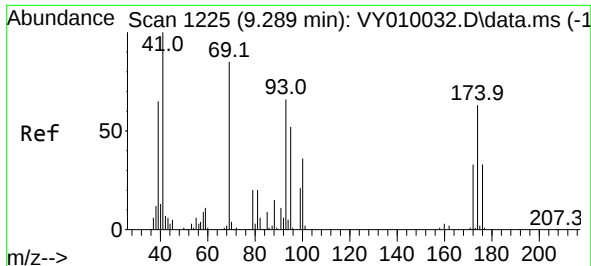
Tgt Ion: 83 Resp: 71450
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6
127 10.2 6.8 10.2#



#48
Methyl methacrylate
Concen: 54.265 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 41 Resp: 26722
Ion Ratio Lower Upper
41 100
69 96.3 69.1 103.7
39 69.9 51.5 77.3





#49

1,4-Dioxane

Concen: 1402.755 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

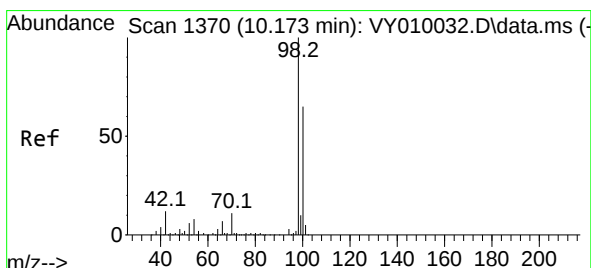
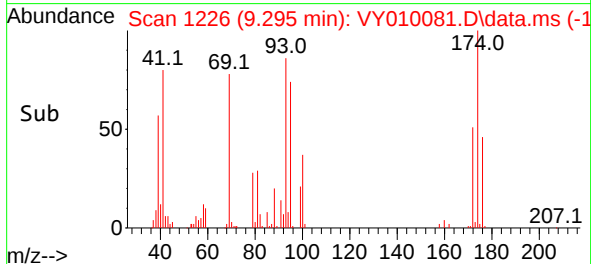
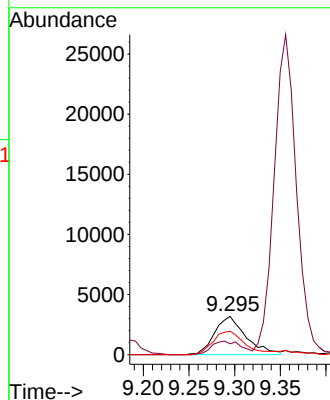
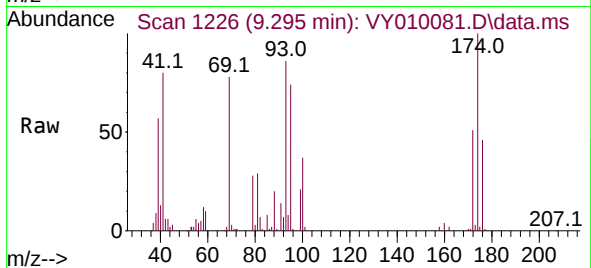
Tgt Ion: 88 Resp: 7565

Ion Ratio Lower Upper

88 100

43 34.0 28.2 42.4

58 61.3 47.2 70.8



#50

Toluene-d8

Concen: 51.427 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010081.D

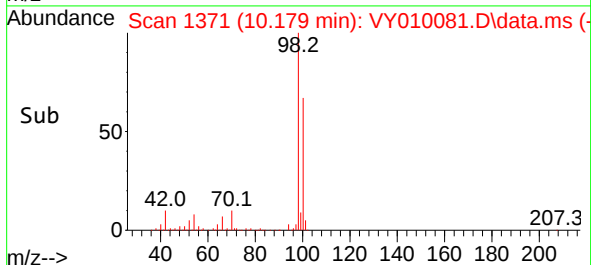
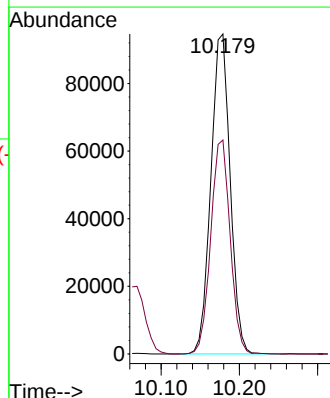
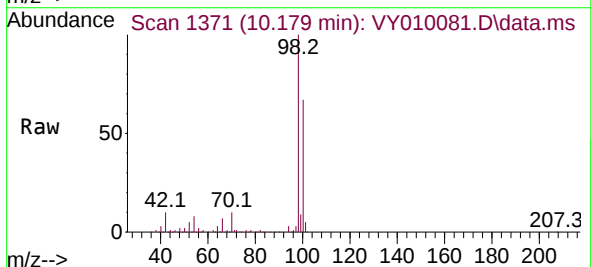
Acq: 17 Aug 2022 20:08

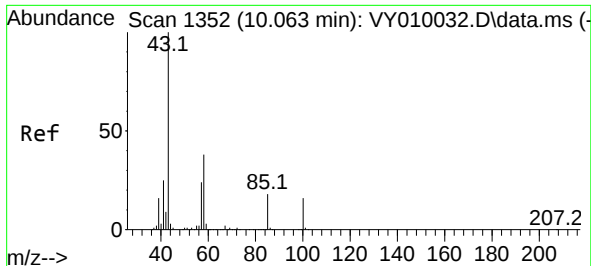
Tgt Ion: 98 Resp: 161711

Ion Ratio Lower Upper

98 100

100 67.3 52.1 78.1

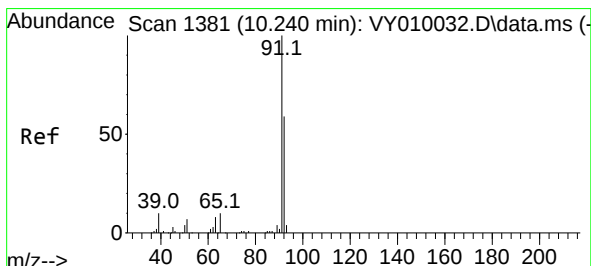
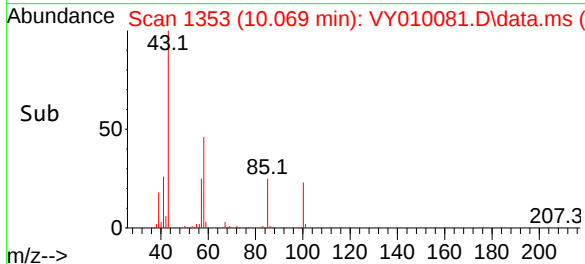
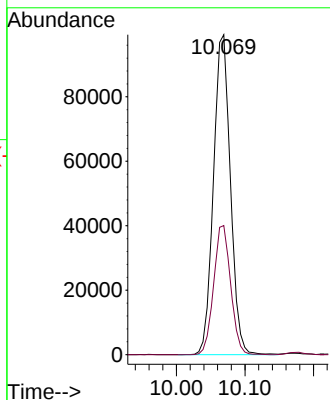
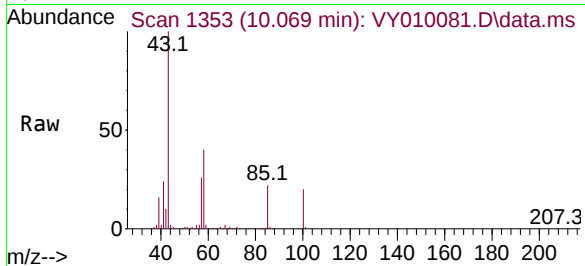




#51
4-Methyl-2-Pentanone
Concen: 273.056 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

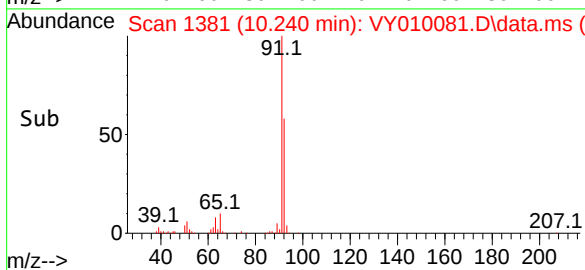
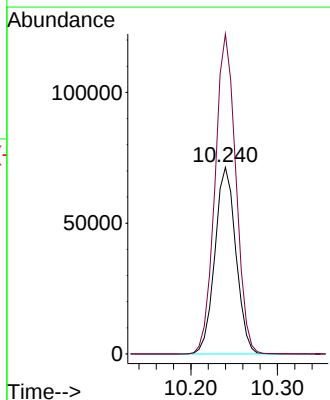
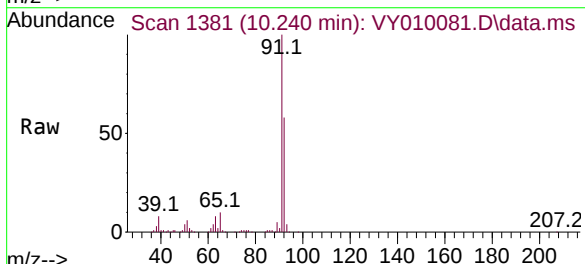
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

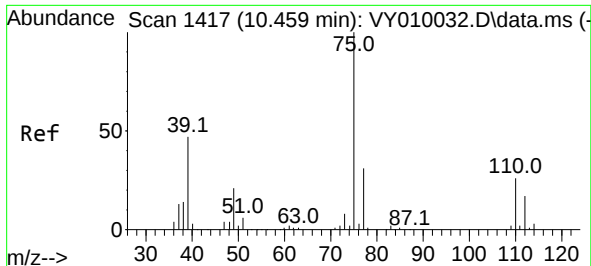
Tgt Ion: 43 Resp: 170493
Ion Ratio Lower Upper
43 100
58 40.5 29.8 44.8



#52
Toluene
Concen: 53.844 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 92 Resp: 120204
Ion Ratio Lower Upper
92 100
91 170.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 55.307 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

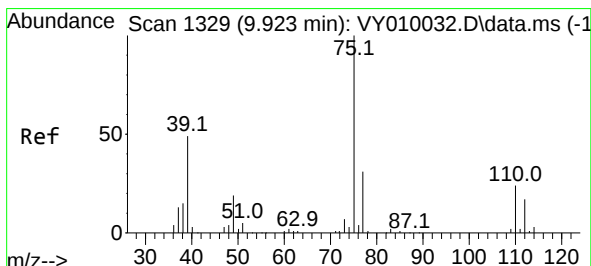
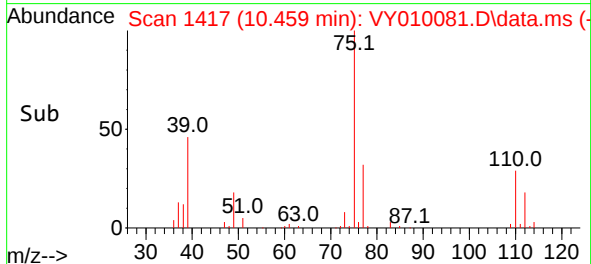
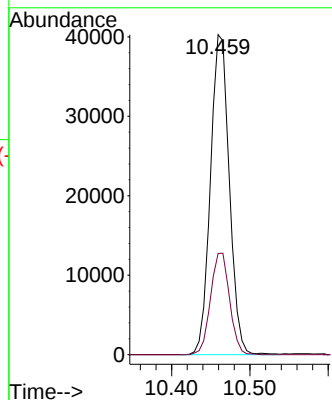
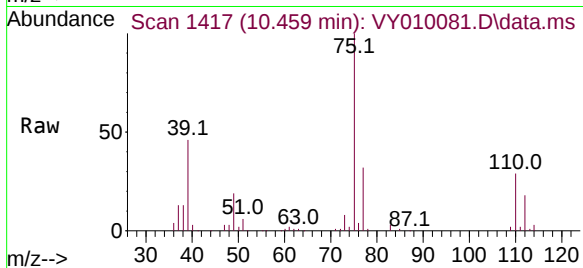
VSTDCCC050EC

Tgt Ion: 75 Resp: 67391

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.274 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

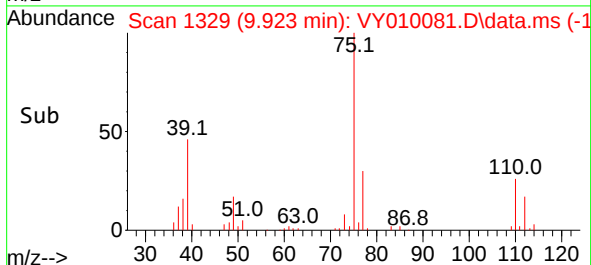
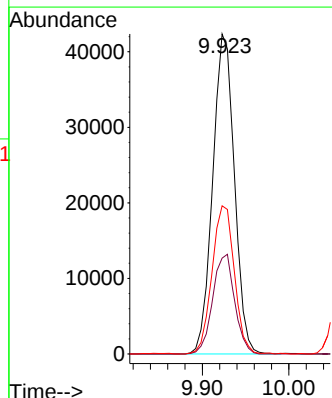
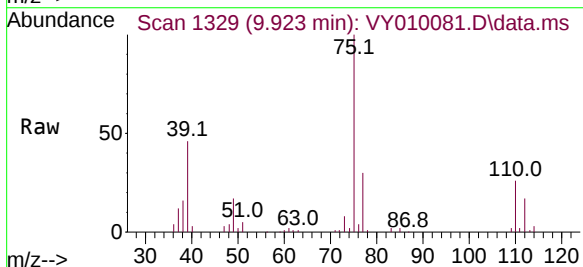
Tgt Ion: 75 Resp: 73671

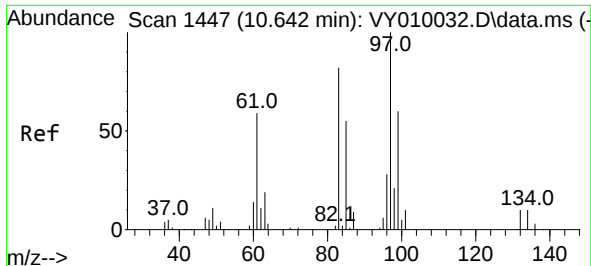
Ion Ratio Lower Upper

75 100

77 29.9 24.6 37.0

39 46.3 39.2 58.8

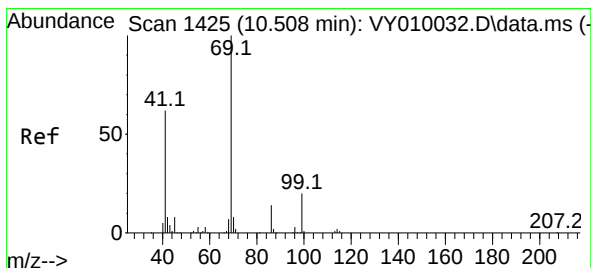
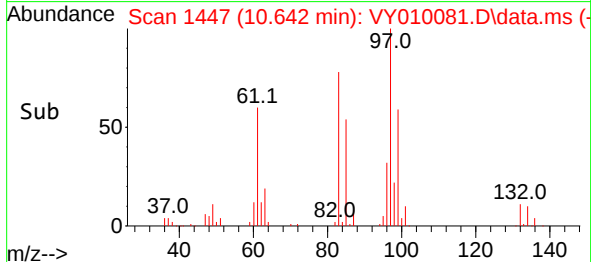
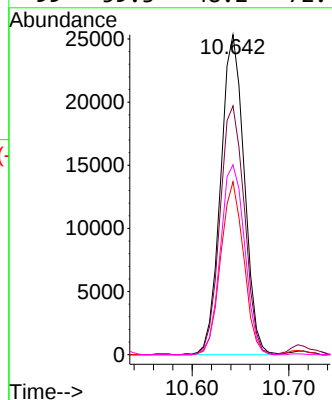
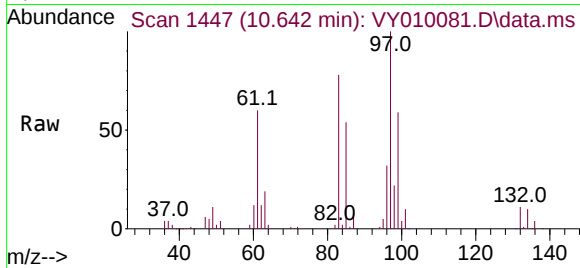




#55
1,1,2-Trichloroethane
Concen: 59.286 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

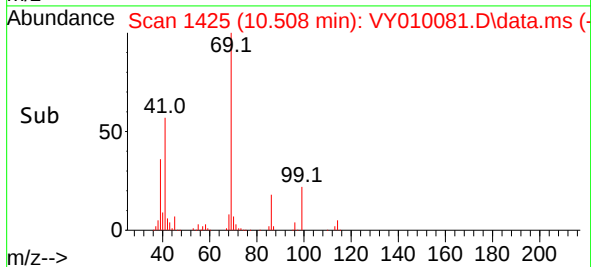
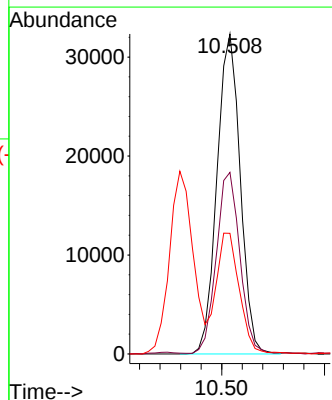
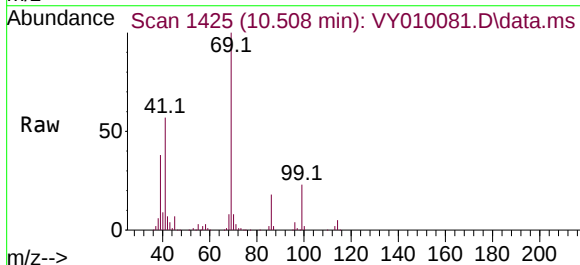
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

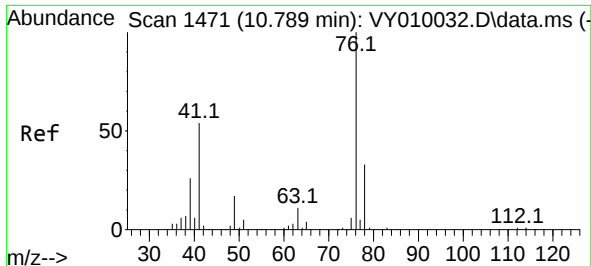
Tgt Ion:	97	Resp:	42953
Ion	Ratio	Lower	Upper
97	100		
83	77.7	65.9	98.9
85	54.1	44.2	66.2
99	59.3	48.2	72.4



#56
Ethyl methacrylate
Concen: 60.565 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:	69	Resp:	50714
Ion	Ratio	Lower	Upper
69	100		
41	57.9	52.8	79.2
39	38.2	32.4	48.6

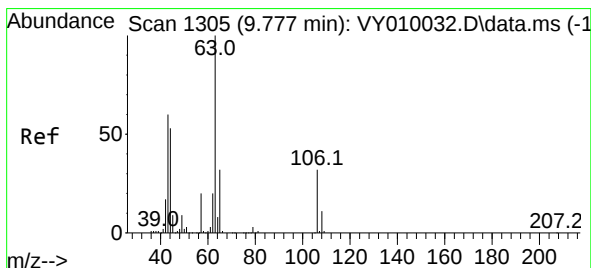
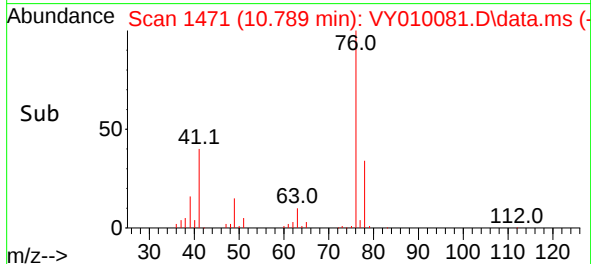
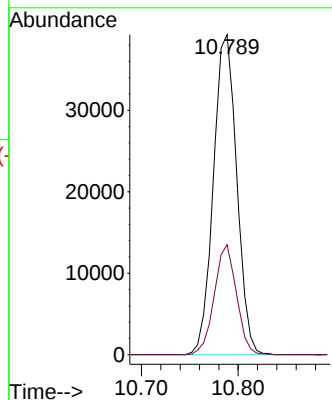
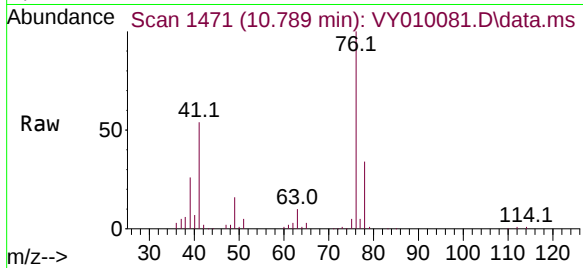




#57
1,3-Dichloropropane
Concen: 56.705 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

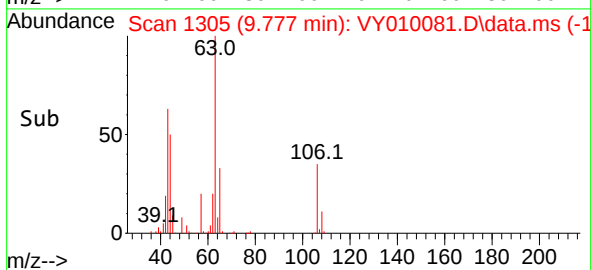
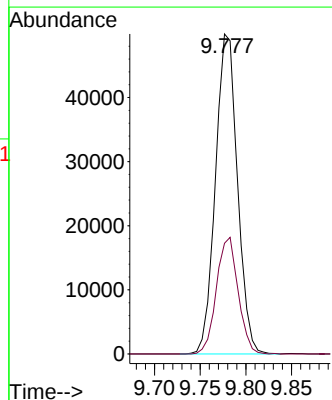
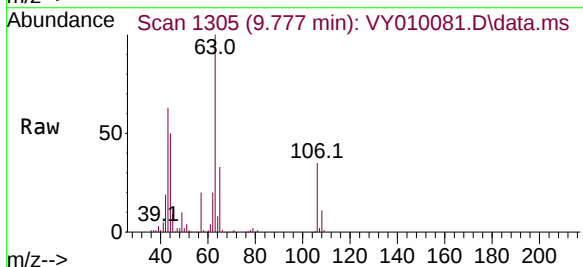
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

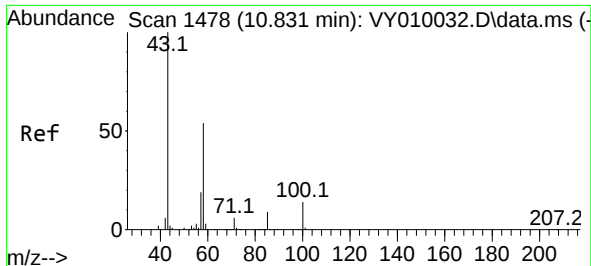
Tgt Ion: 76 Resp: 65770
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 230.601 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 63 Resp: 83564
Ion Ratio Lower Upper
63 100
106 35.9 25.7 38.5

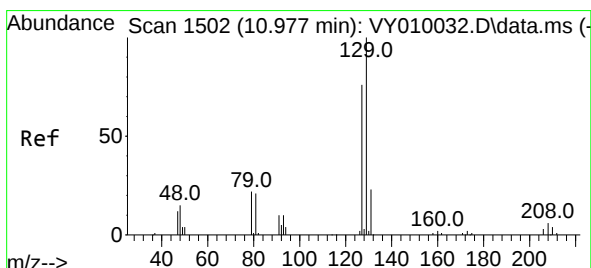
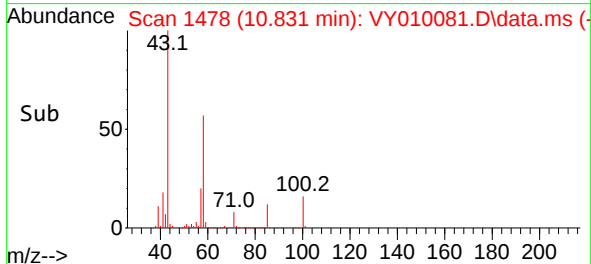
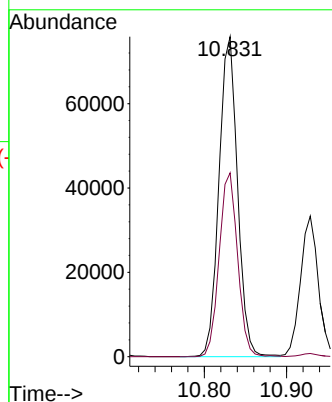
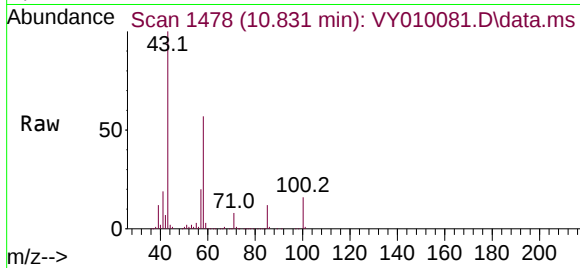




#59
2-Hexanone
Concen: 243.923 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

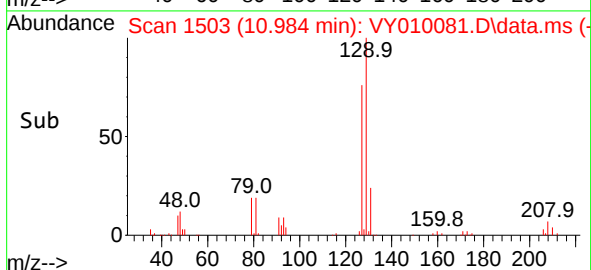
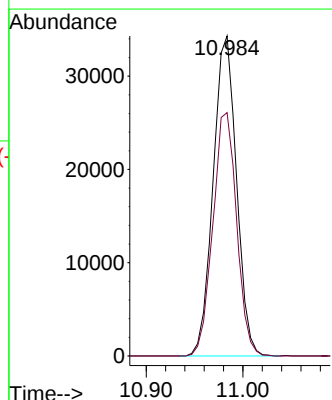
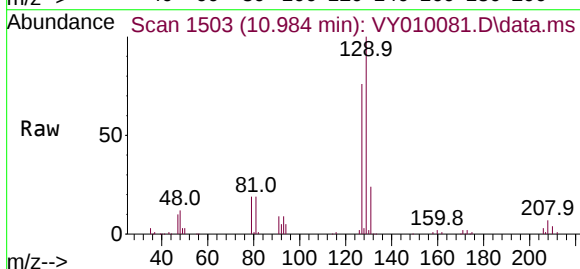
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

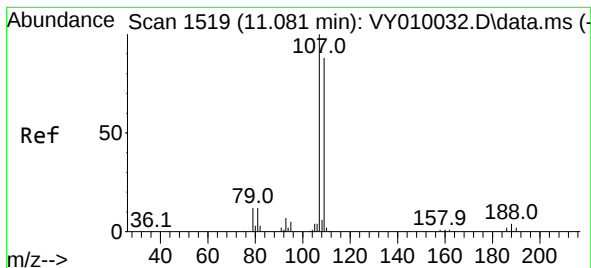
Tgt Ion: 43 Resp: 119098
Ion Ratio Lower Upper
43 100
58 57.1 26.3 78.9



#60
Dibromochloromethane
Concen: 59.823 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 129 Resp: 57408
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.5

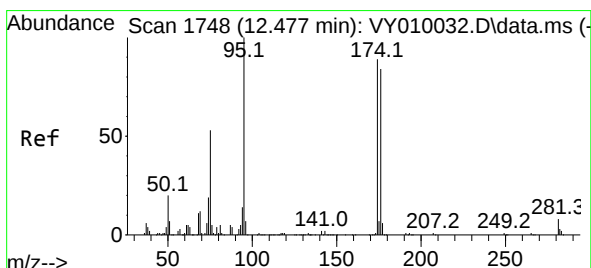
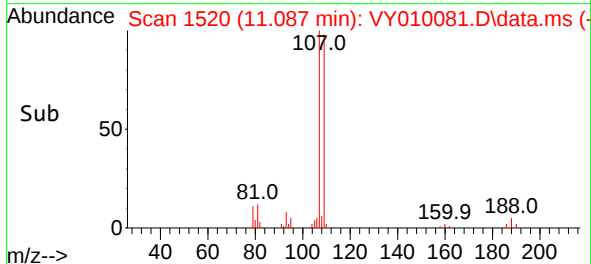
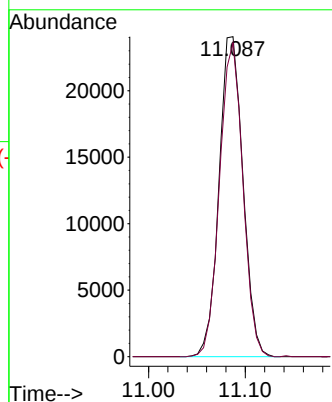
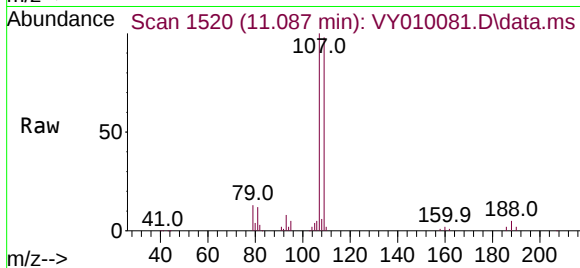




#61
1,2-Dibromoethane
Concen: 58.528 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

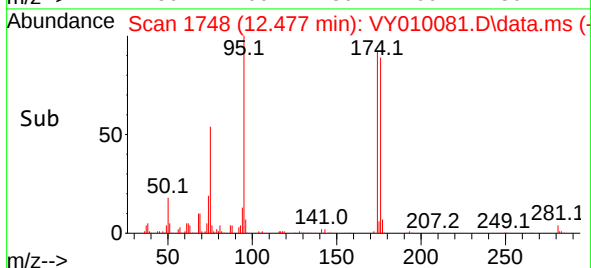
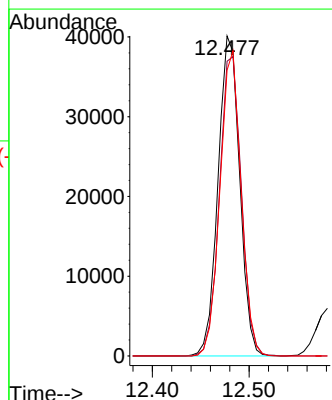
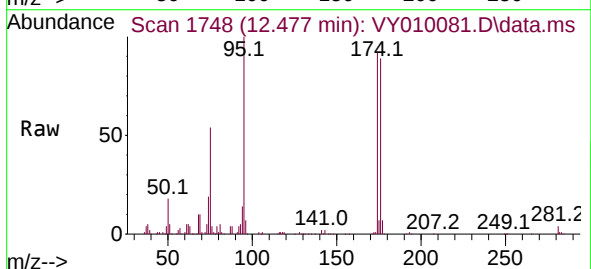
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

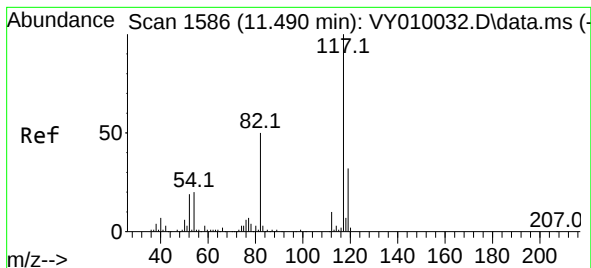
Tgt Ion:107 Resp: 41325
Ion Ratio Lower Upper
107 100
109 95.3 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 56.381 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 95 Resp: 62270
Ion Ratio Lower Upper
95 100
174 94.5 0.0 184.2
176 93.0 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

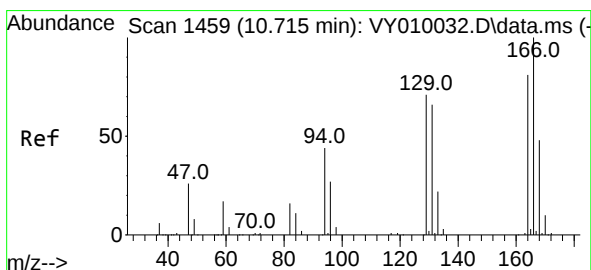
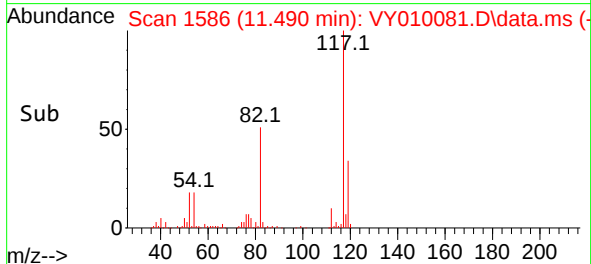
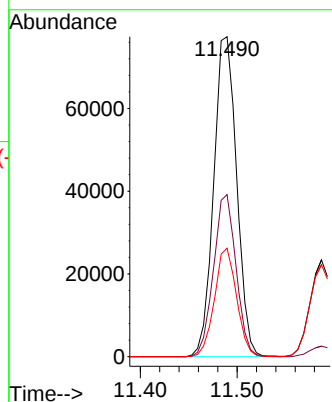
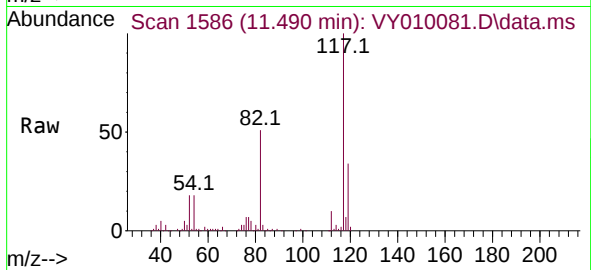
Tgt Ion:117 Resp: 127425

Ion Ratio Lower Upper

117 100

82 50.7 39.8 59.6

119 33.9 25.6 38.4



#64

Tetrachloroethene

Concen: 55.941 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Tgt Ion:164 Resp: 60869

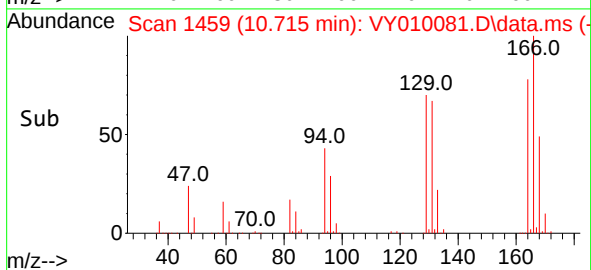
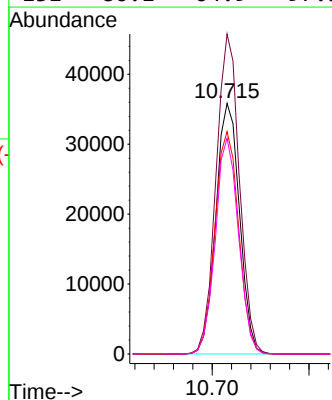
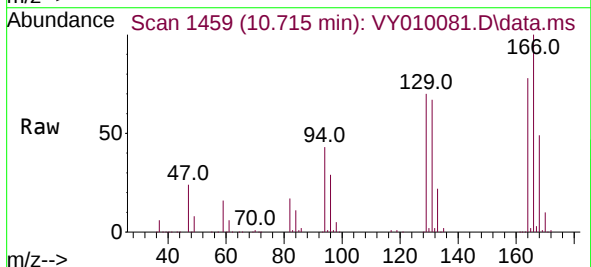
Ion Ratio Lower Upper

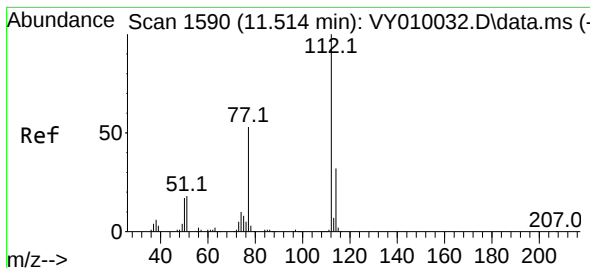
164 100

166 127.7 98.8 148.2

129 88.8 70.1 105.1

131 86.1 64.9 97.3

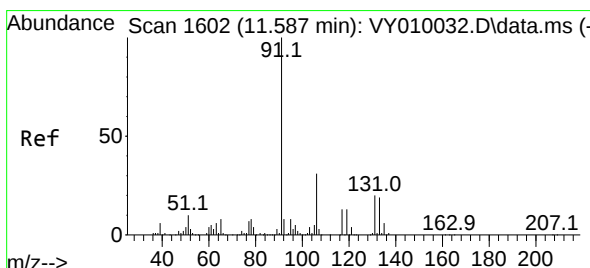
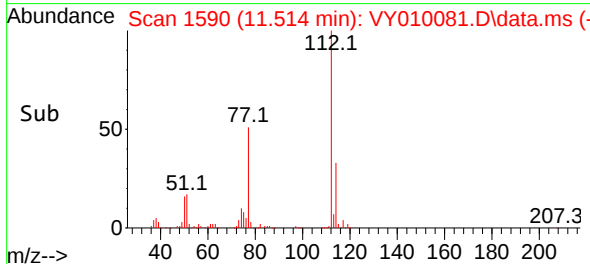
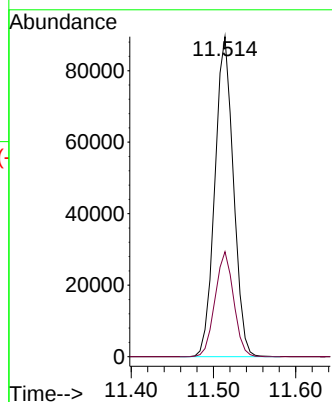
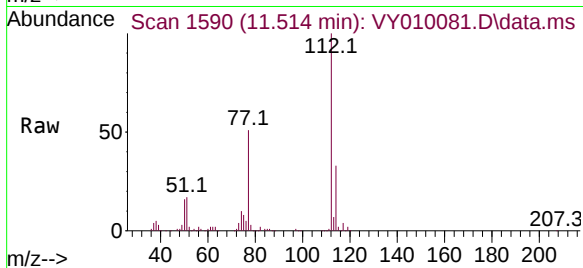




#65
Chlorobenzene
Concen: 52.802 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

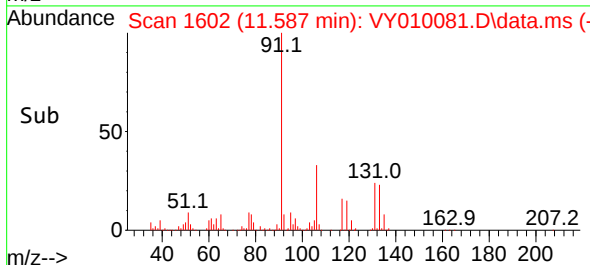
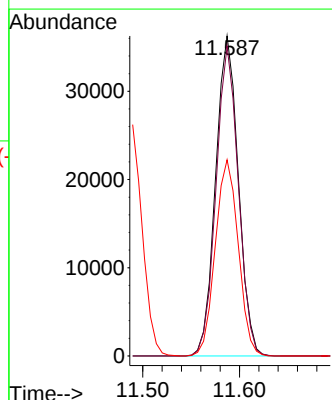
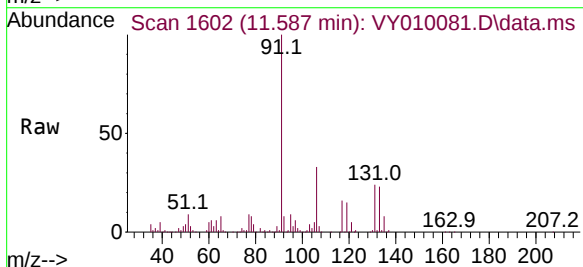
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

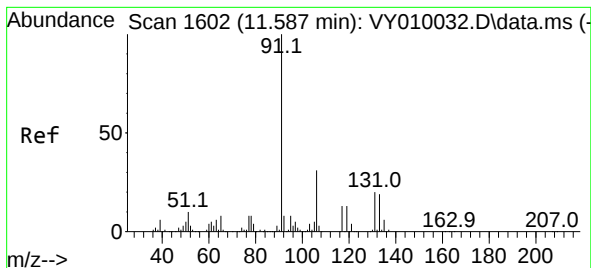
Tgt Ion:112 Resp: 140253
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.133 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:131 Resp: 59079
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.0
119 61.9 30.9 92.7





#67

Ethyl Benzene

Concen: 53.397 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

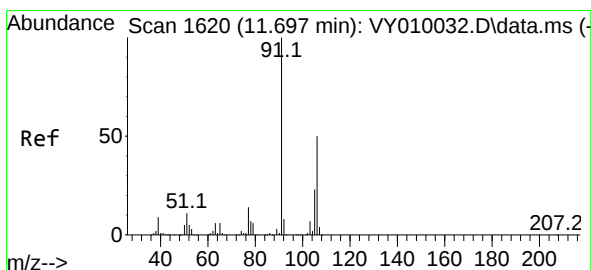
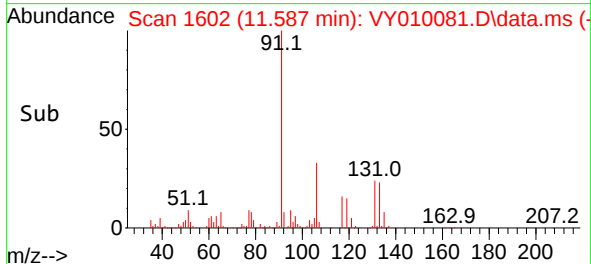
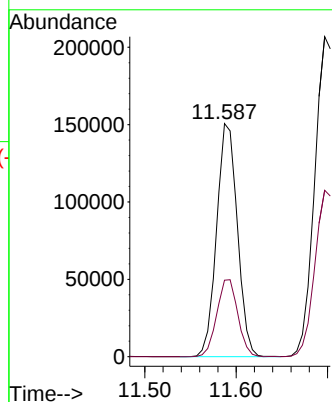
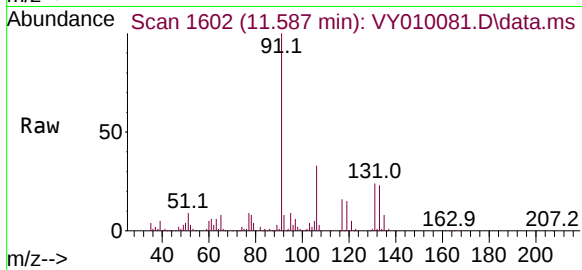
VSTDCCC050EC

Tgt Ion: 91 Resp: 237794

Ion Ratio Lower Upper

91 100

106 32.8 24.8 37.2



#68

m/p-Xylenes

Concen: 111.649 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010081.D

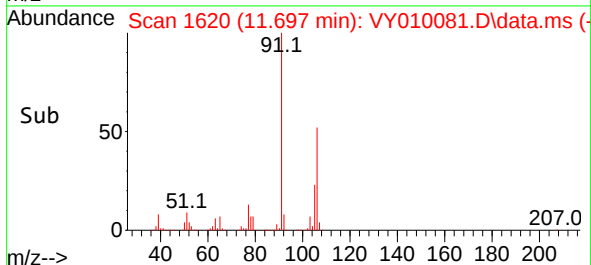
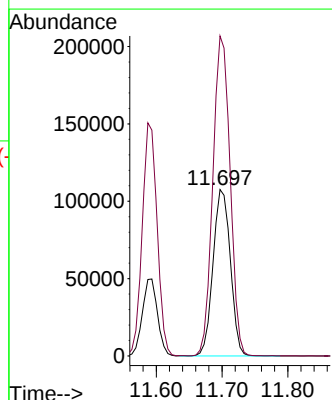
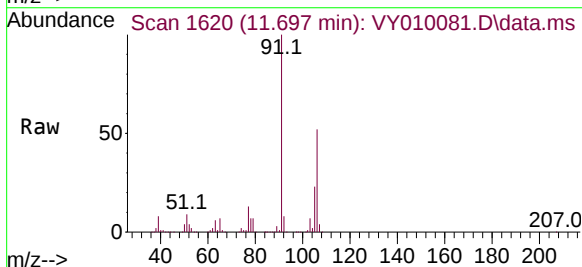
Acq: 17 Aug 2022 20:08

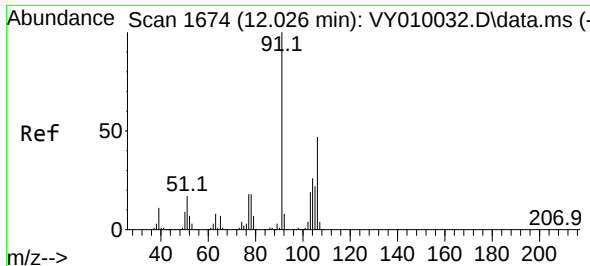
Tgt Ion:106 Resp: 197518

Ion Ratio Lower Upper

106 100

91 191.0 158.2 237.2

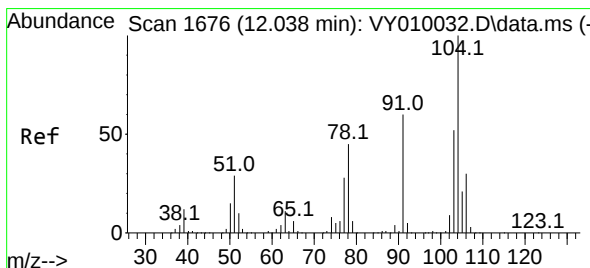
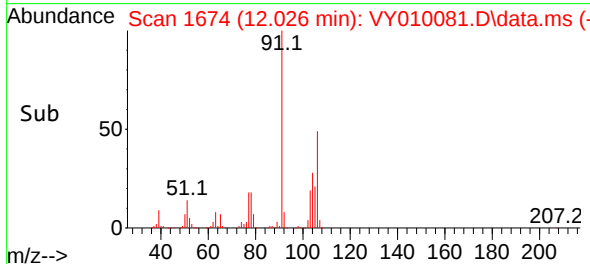
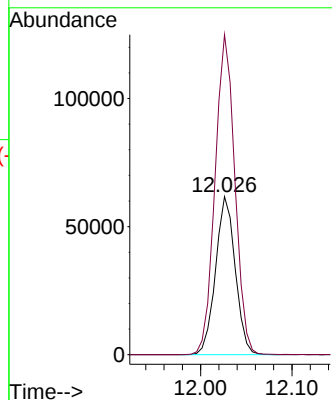
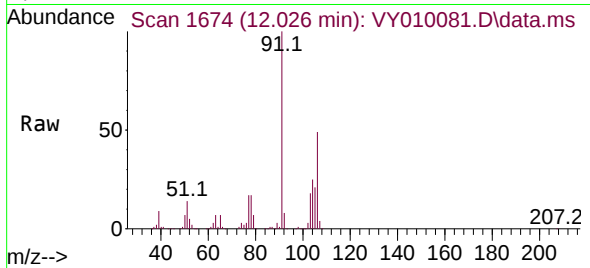




#69
o-Xylene
Concen: 55.850 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

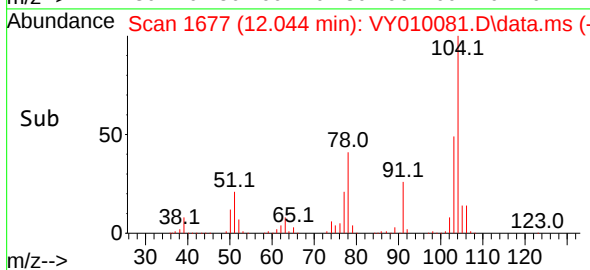
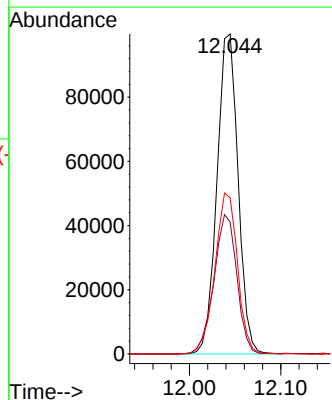
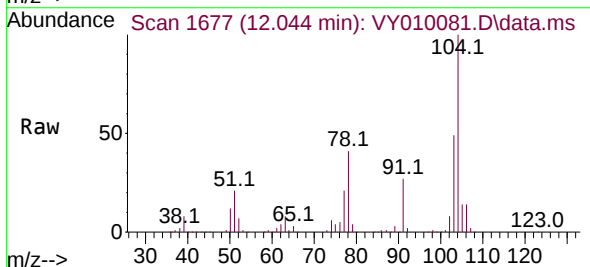
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

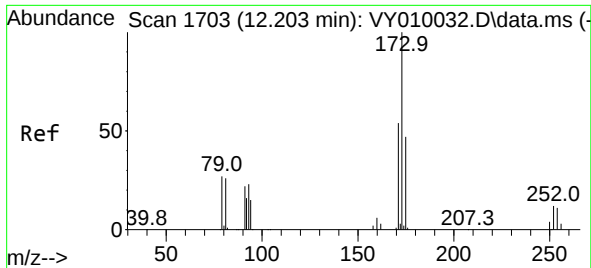
Tgt Ion:106 Resp: 92304
Ion Ratio Lower Upper
106 100
91 204.2 104.6 313.7



#70
Styrene
Concen: 57.429 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:104 Resp: 160168
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.4
103 54.1 44.0 66.0

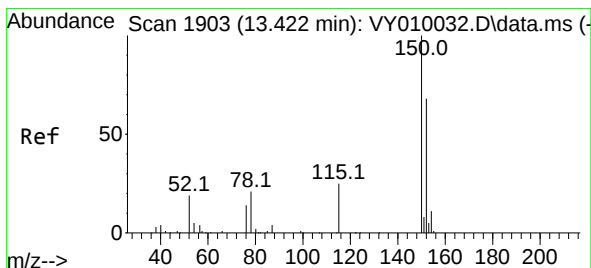
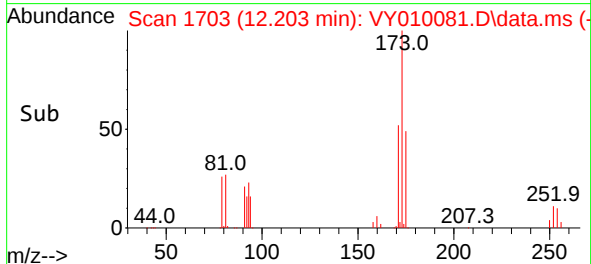
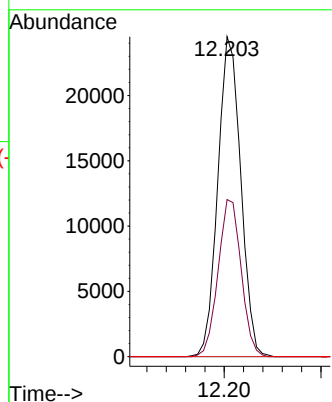
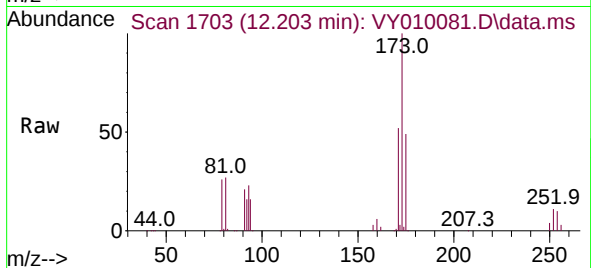




#71
Bromoform
Concen: 61.002 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

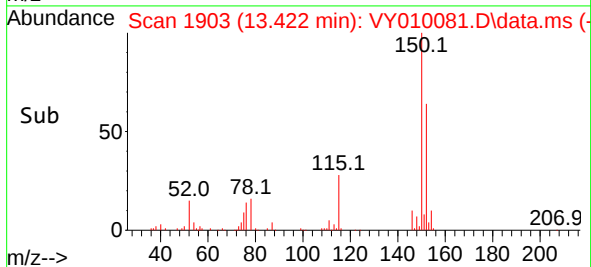
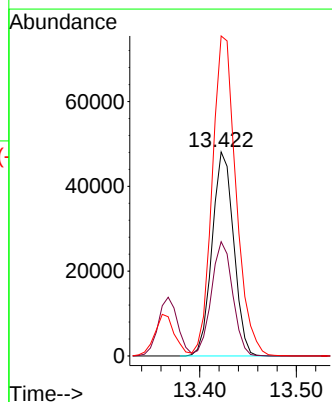
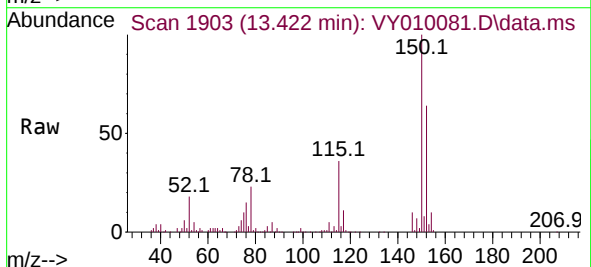
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

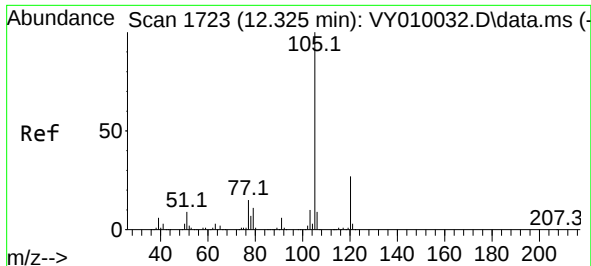
Tgt Ion:173 Resp: 40222
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:152 Resp: 74367
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.3
150 173.1 0.0 346.6

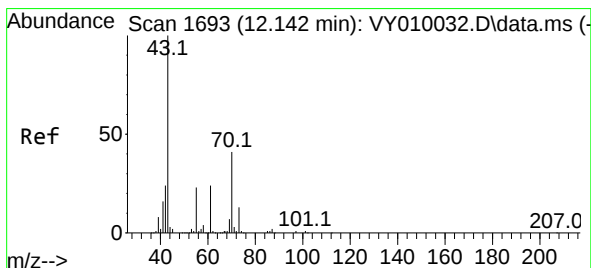
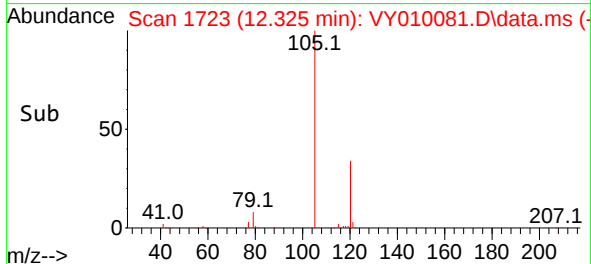
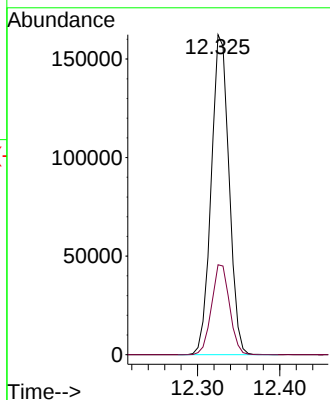
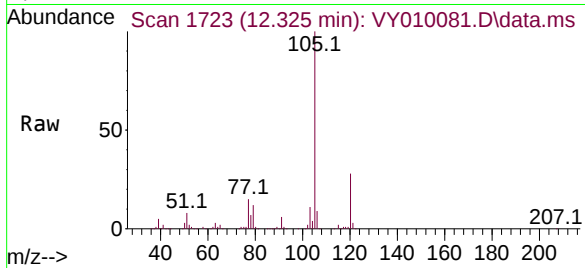




#73
Isopropylbenzene
Concen: 52.495 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

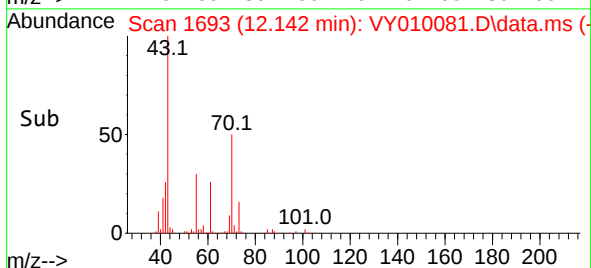
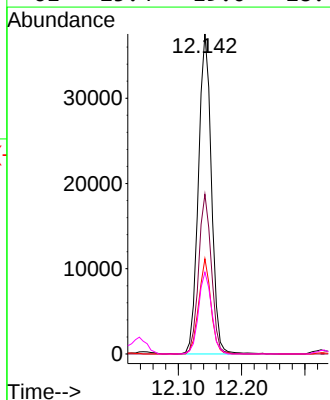
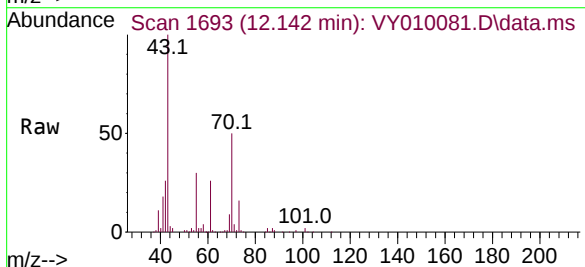
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

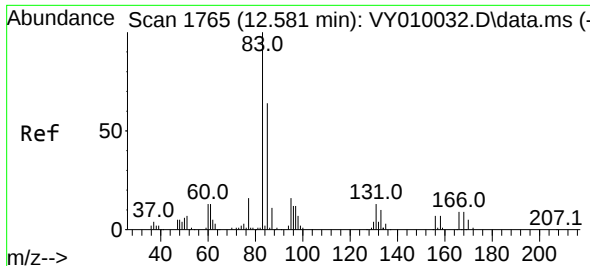
Tgt Ion:105 Resp: 244009
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4



#74
N-ethyl acetate
Concen: 41.831 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 43 Resp: 53911
Ion Ratio Lower Upper
43 100
70 48.7 32.3 48.5#
55 27.7 19.3 28.9
61 25.4 19.0 28.4

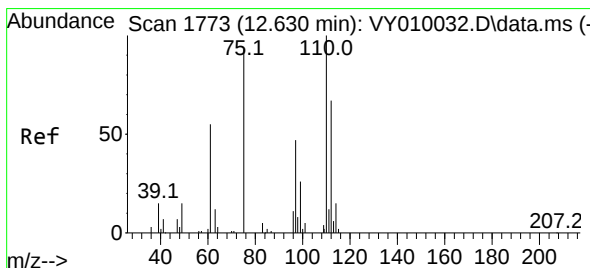
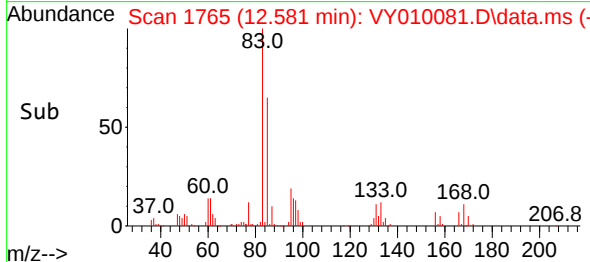
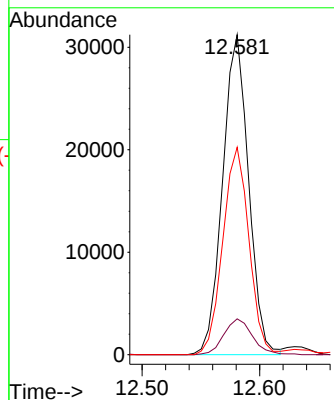
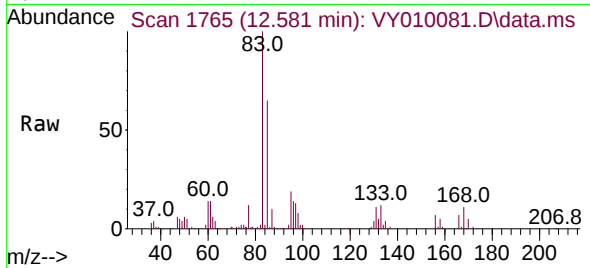




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.811 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

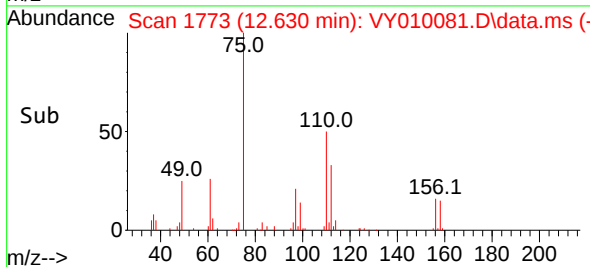
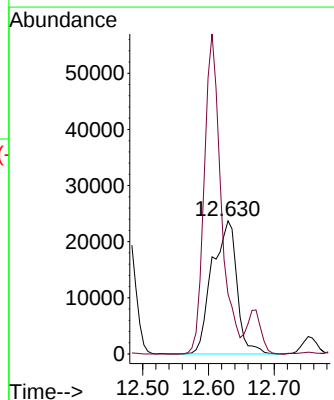
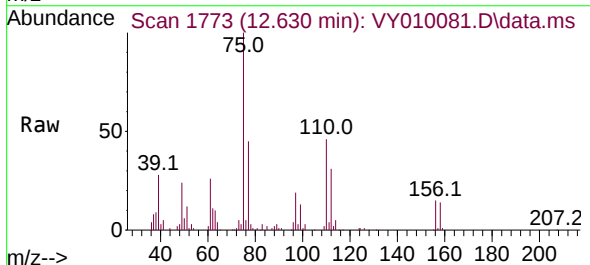
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

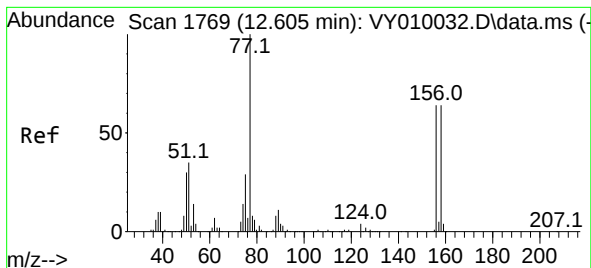
Tgt Ion: 83 Resp: 47875
 Ion Ratio Lower Upper
 83 100
 131 12.3 5.8 17.3
 85 65.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 88.327 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010081.D
 Acq: 17 Aug 2022 20:08

Tgt Ion: 75 Resp: 62264
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.079 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

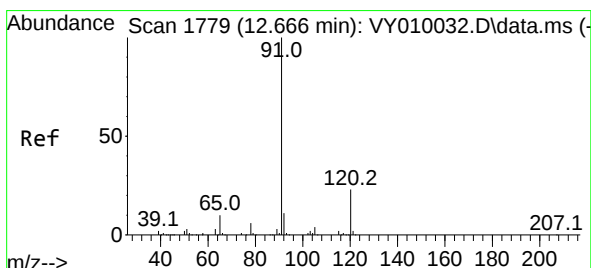
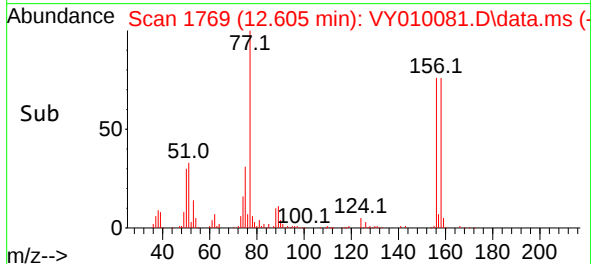
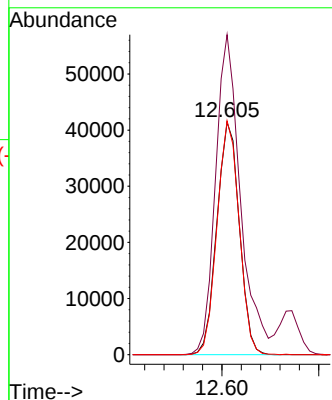
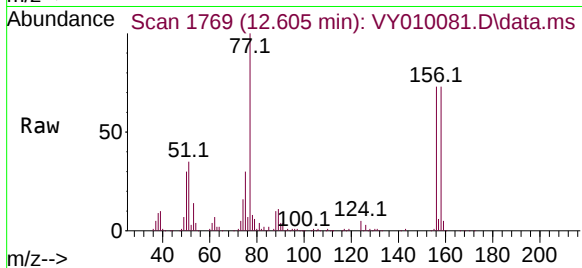
Tgt Ion:156 Resp: 66780

Ion Ratio Lower Upper

156 100

77 152.2 85.9 257.6

158 98.8 48.9 146.8



#78

n-propylbenzene

Concen: 51.097 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010081.D

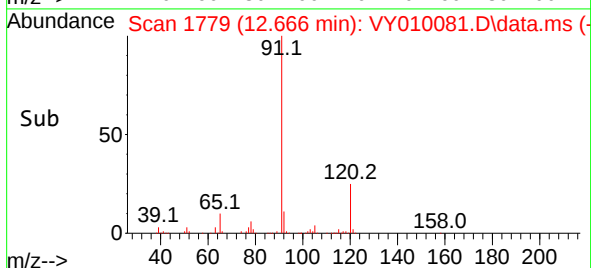
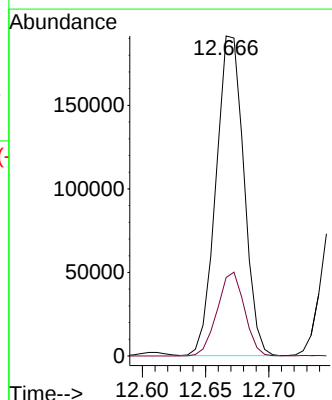
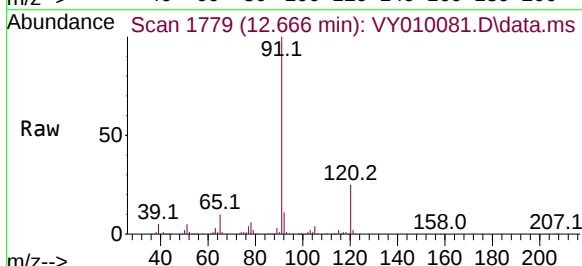
Acq: 17 Aug 2022 20:08

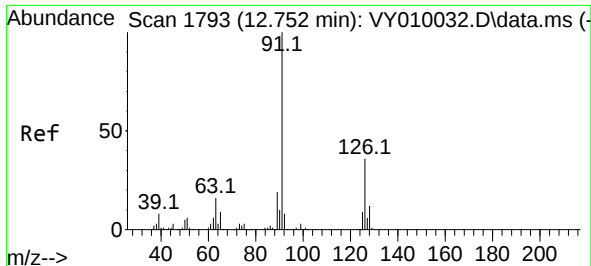
Tgt Ion: 91 Resp: 292809

Ion Ratio Lower Upper

91 100

120 25.6 11.9 35.9

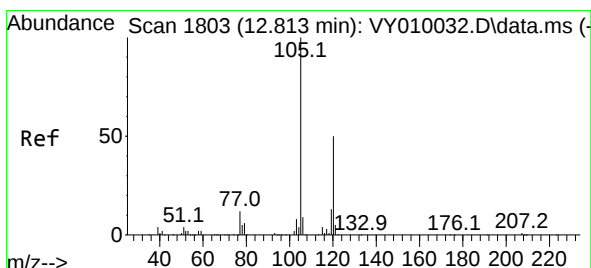
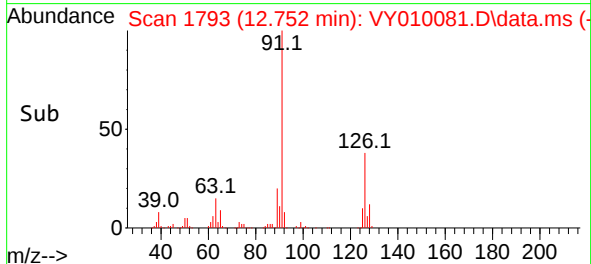
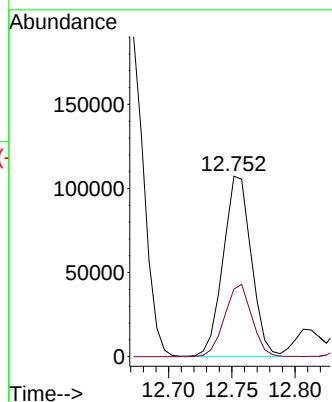
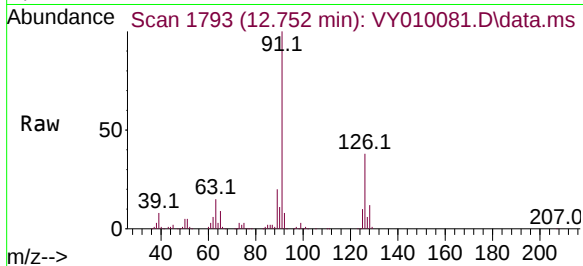




#79
2-Chlorotoluene
Concen: 51.276 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

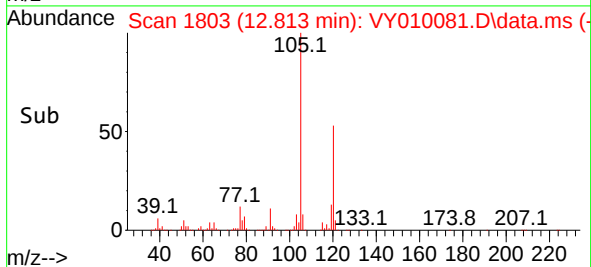
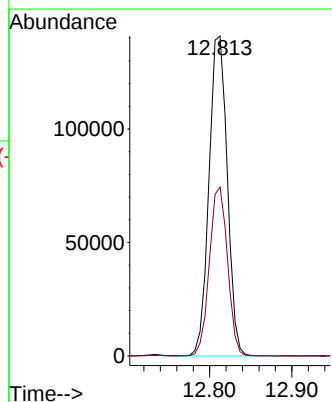
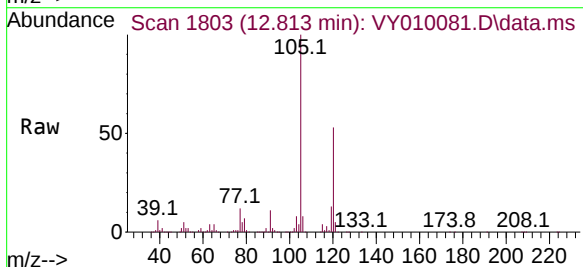
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

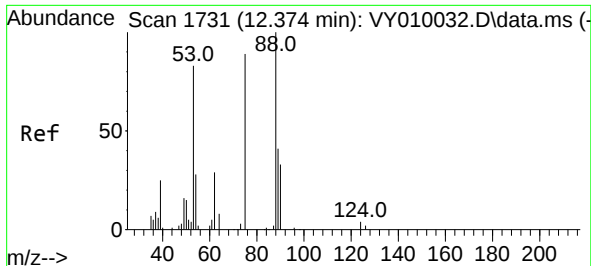
Tgt Ion: 91 Resp: 166162
Ion Ratio Lower Upper
91 100
126 38.8 18.1 54.4



#80
1,3,5-Trimethylbenzene
Concen: 53.758 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 105 Resp: 217681
Ion Ratio Lower Upper
105 100
120 52.3 25.0 75.0

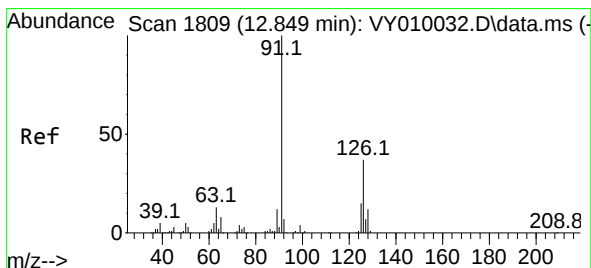
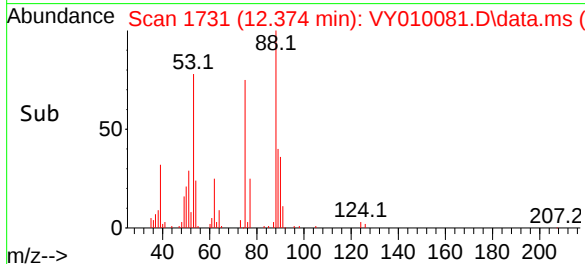
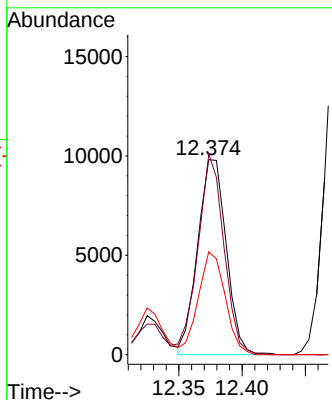
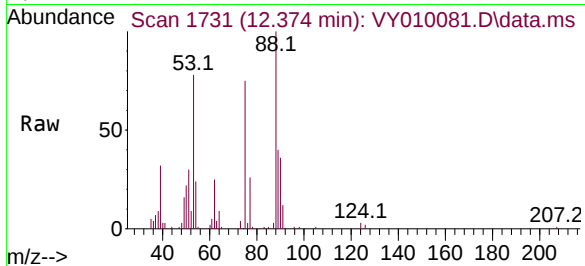




#81
trans-1,4-Dichloro-2-butene
Concen: 49.598 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

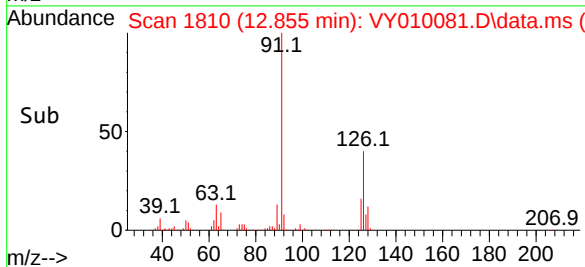
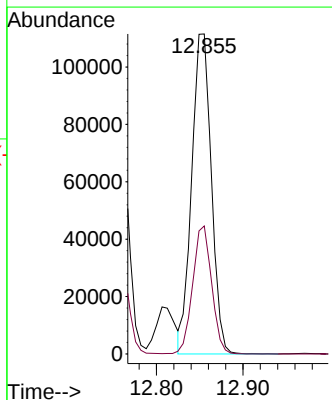
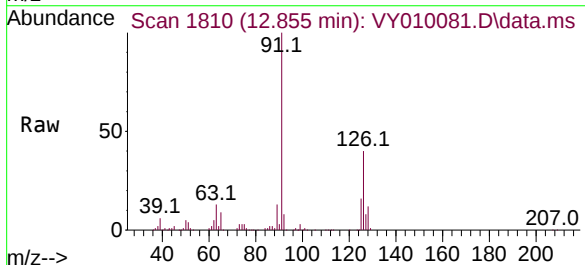
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

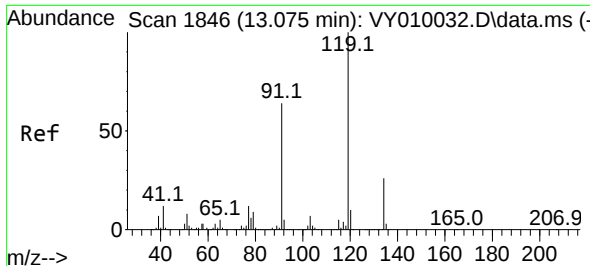
Tgt Ion: 75 Resp: 15471
Ion Ratio Lower Upper
75 100
53 94.2 74.2 111.4
89 49.6 37.8 56.6



#82
4-Chlorotoluene
Concen: 51.860 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 91 Resp: 175801
Ion Ratio Lower Upper
91 100
126 38.6 18.3 54.9

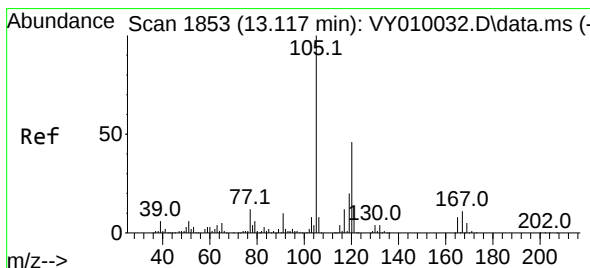
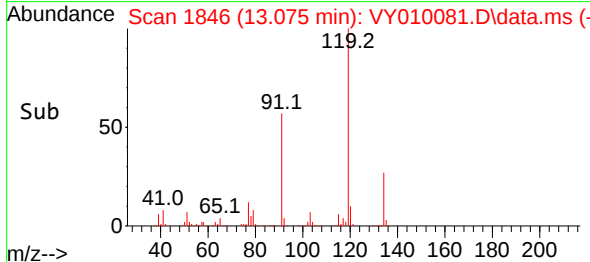
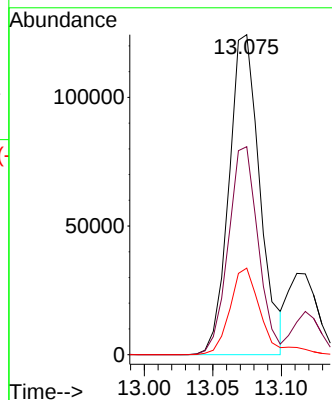
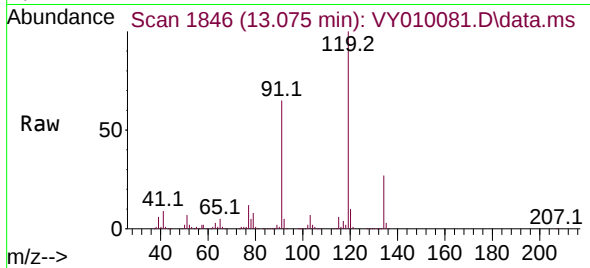




#83
tert-Butylbenzene
Concen: 54.980 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

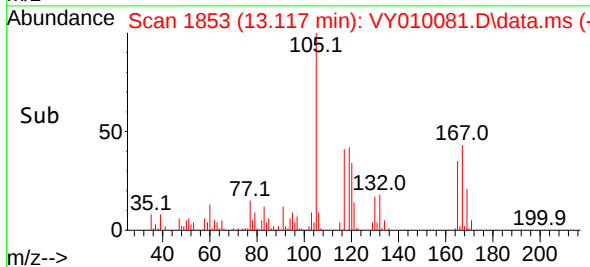
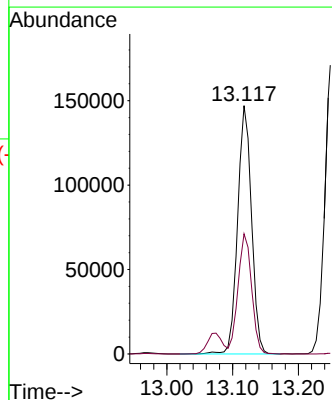
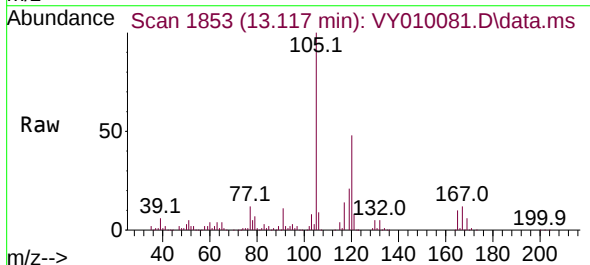
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

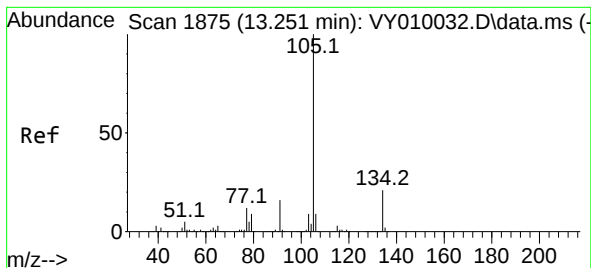
Tgt Ion:119 Resp: 195625
Ion Ratio Lower Upper
119 100
91 62.8 31.6 94.7
134 27.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.319 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:105 Resp: 215960
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.260 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

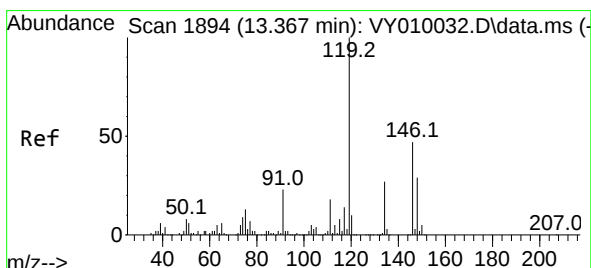
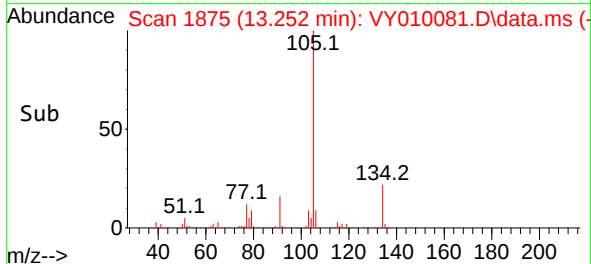
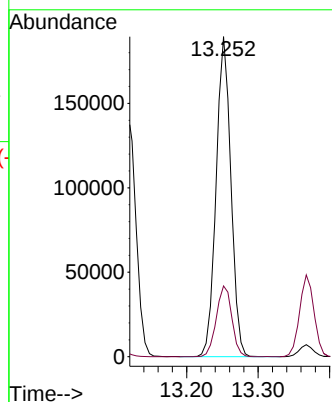
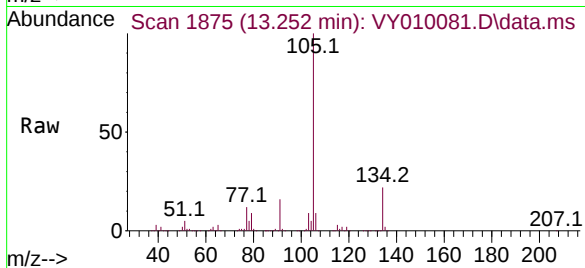
VSTDCCC050EC

Tgt Ion:105 Resp: 271601

Ion Ratio Lower Upper

105 100

134 23.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.885 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

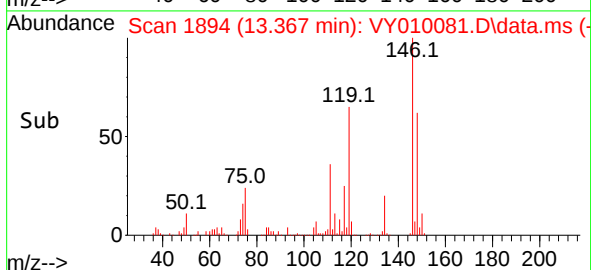
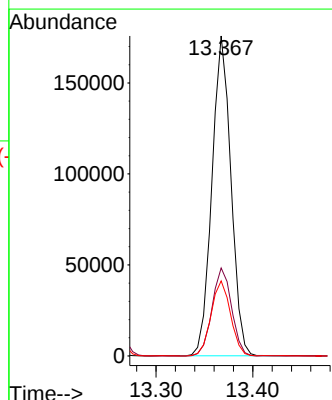
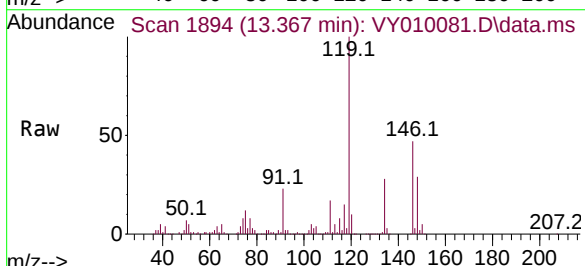
Tgt Ion:119 Resp: 240011

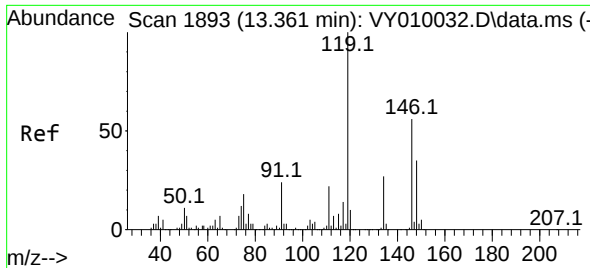
Ion Ratio Lower Upper

119 100

134 28.2 13.8 41.3

91 24.0 11.7 35.0

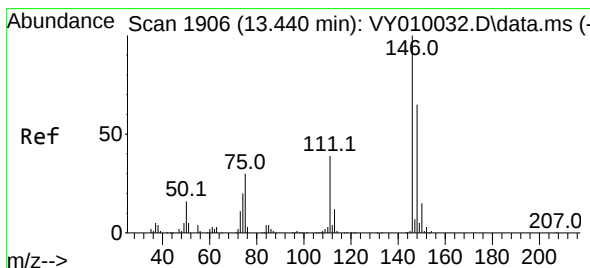
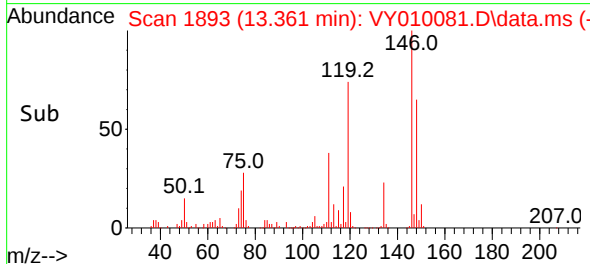
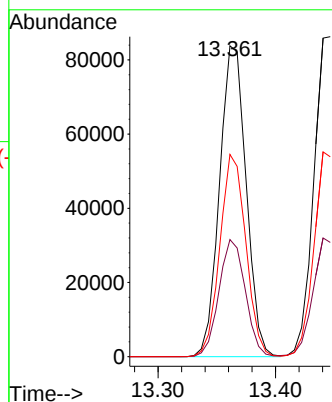
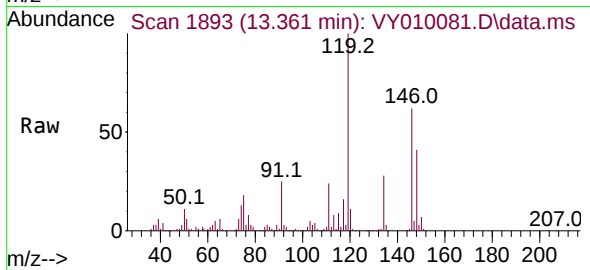




#87
1,3-Dichlorobenzene
Concen: 52.462 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

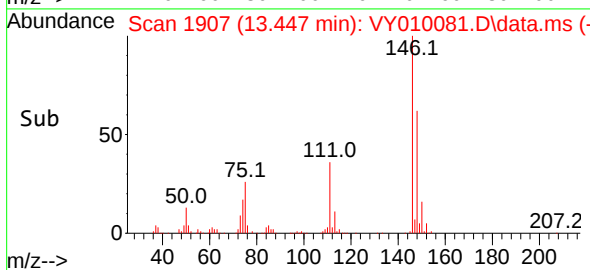
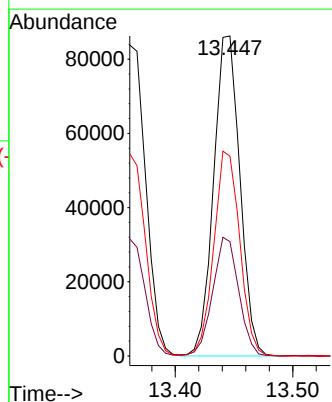
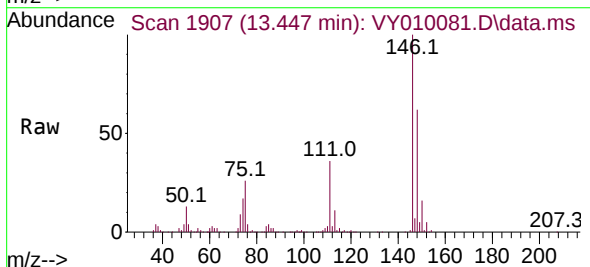
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

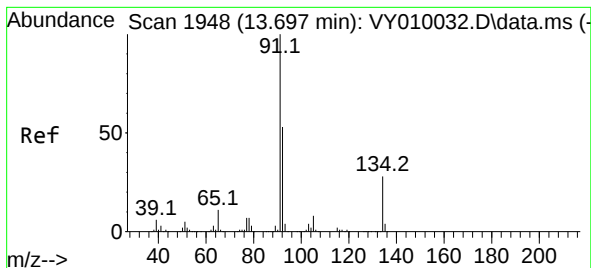
Tgt Ion:146 Resp: 131919
Ion Ratio Lower Upper
146 100
111 37.3 19.2 57.6
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 52.927 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:146 Resp: 134361
Ion Ratio Lower Upper
146 100
111 36.8 19.1 57.1
148 63.1 32.3 96.9





#89

n-Butylbenzene

Concen: 52.097 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY010081.D

Acq: 17 Aug 2022 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

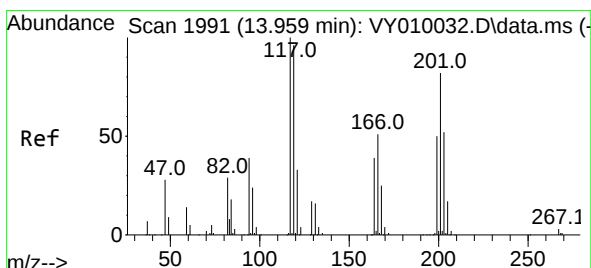
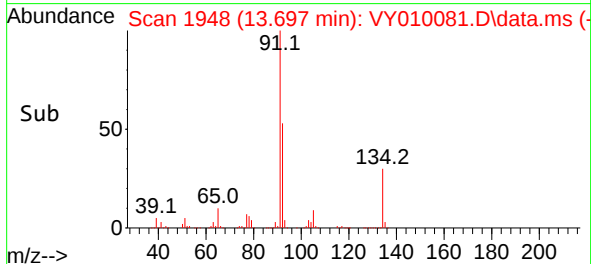
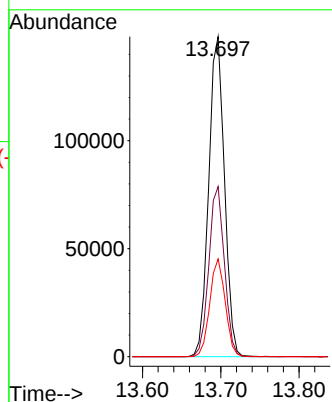
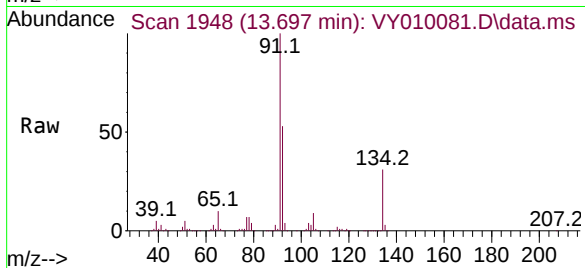
Tgt Ion: 91 Resp: 206735

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 29.9 13.6 40.8



#90

Hexachloroethane

Concen: 51.329 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010081.D

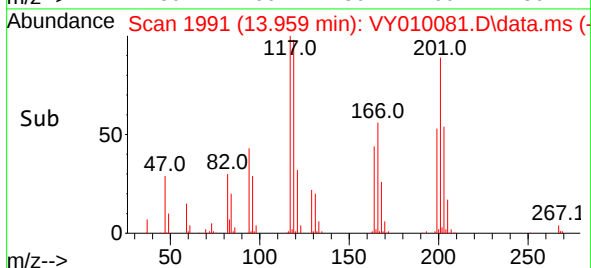
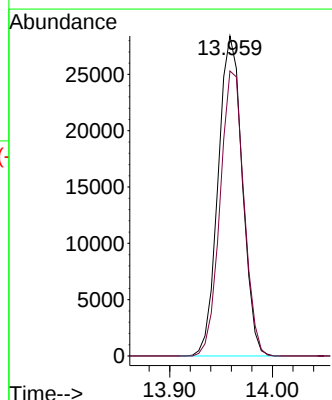
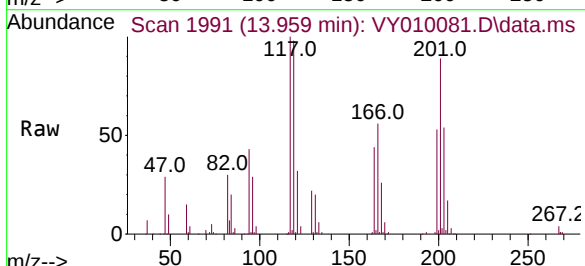
Acq: 17 Aug 2022 20:08

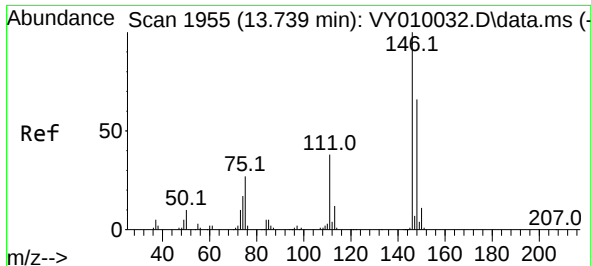
Tgt Ion: 117 Resp: 46341

Ion Ratio Lower Upper

117 100

201 87.7 42.4 127.1

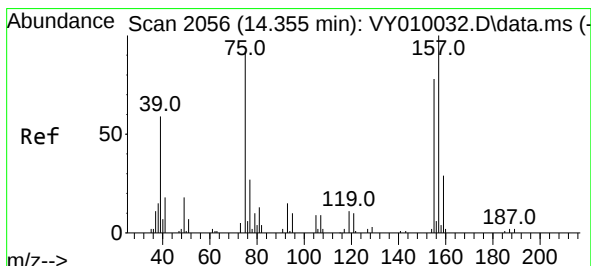
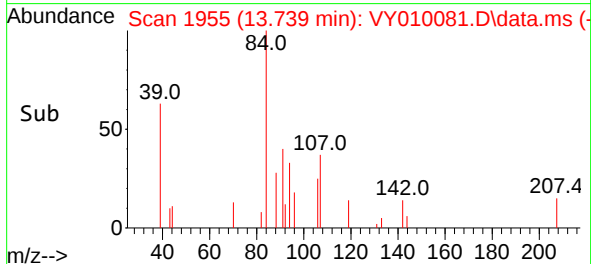
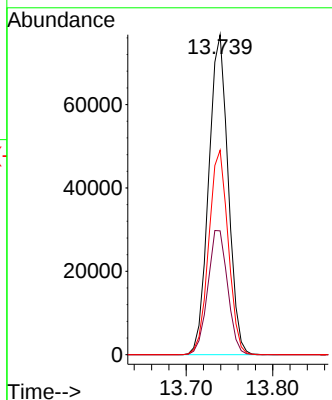
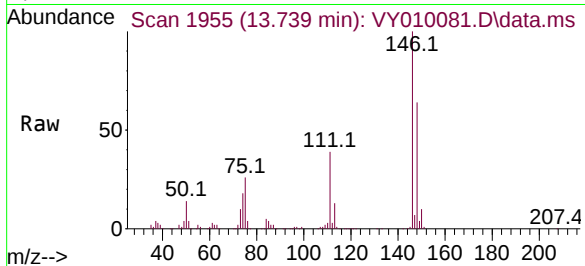




#91
1,2-Dichlorobenzene
Concen: 53.447 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

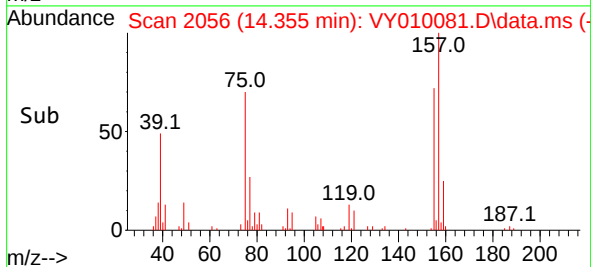
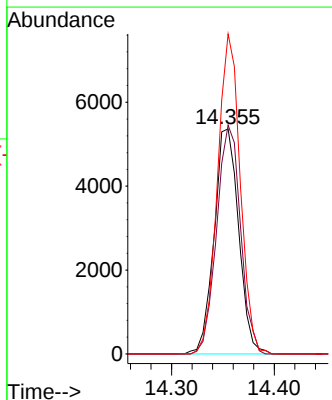
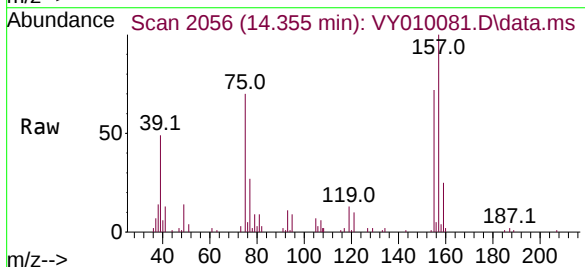
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

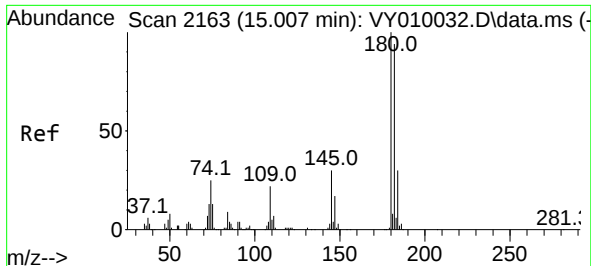
Tgt Ion:146 Resp: 119532
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.4
148 63.8 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.780 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion: 75 Resp: 8859
Ion Ratio Lower Upper
75 100
155 99.0 46.9 140.6
157 131.6 59.7 179.0

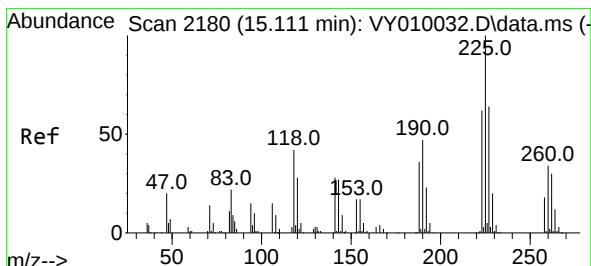
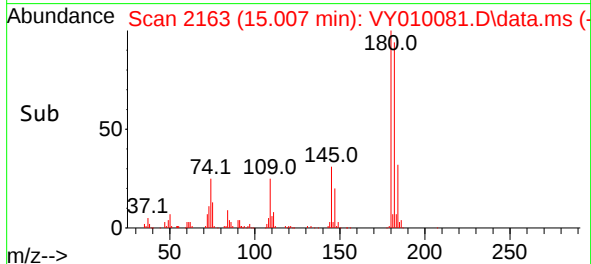
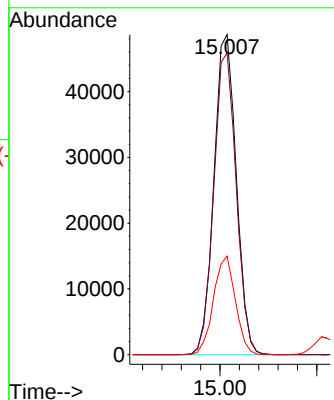
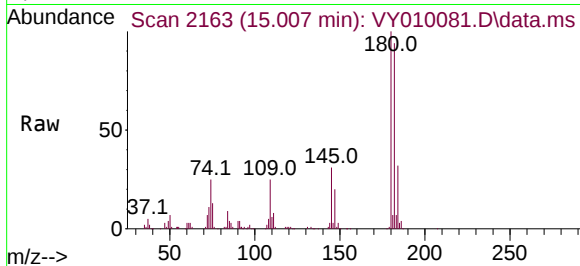




#93
1,2,4-Trichlorobenzene
Concen: 58.346 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

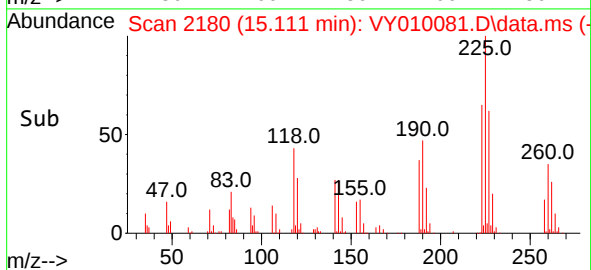
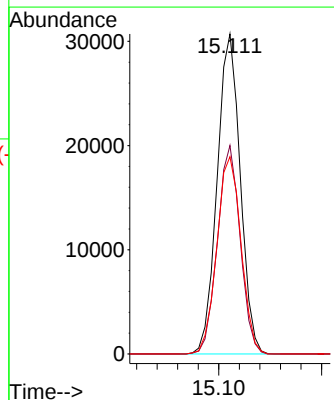
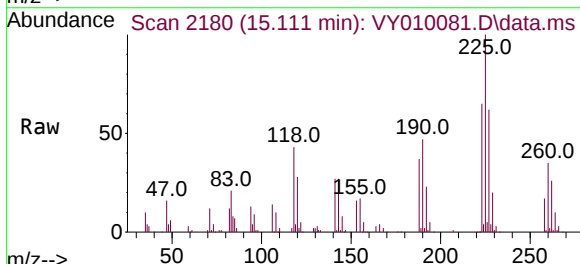
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

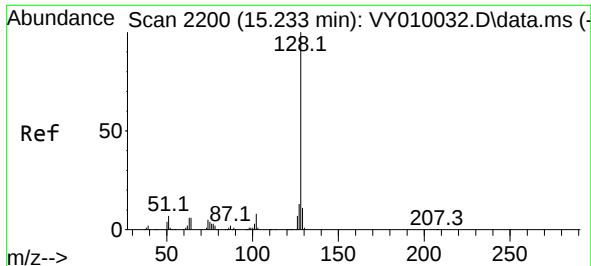
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	30.2	14.8	44.4



#94
Hexachlorobutadiene
Concen: 55.968 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	94.8
227	64.4	32.6	97.8

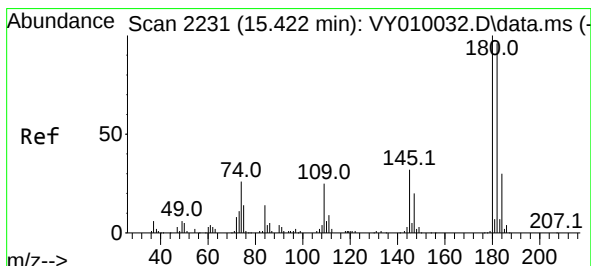
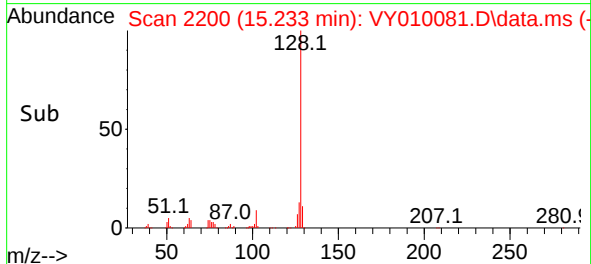
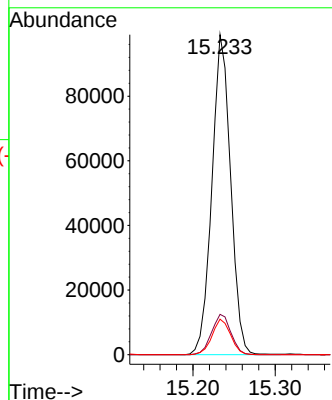
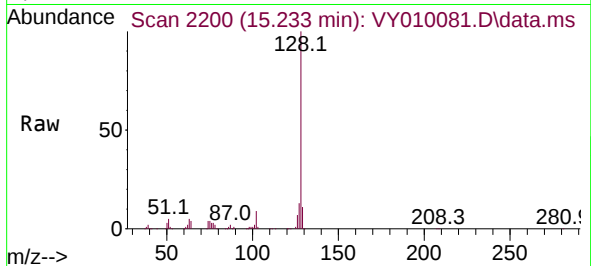




#95
Naphthalene
Concen: 66.183 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 156549
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 60.434 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010081.D
Acq: 17 Aug 2022 20:08

Tgt Ion:180 Resp: 71068
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 31.4 15.7 47.0

