

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011720.D
 Acq On : 06 Dec 2022 16:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 06 23:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89152	47.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.100%
35) Dibromofluoromethane	7.716	113	90898	51.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.179	98	306109	48.099	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.483	95	120007	51.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51458	52.128	ug/l	96
3) Chloromethane	2.113	50	68899	43.291	ug/l	96
4) Vinyl Chloride	2.253	62	81196	38.876	ug/l	99
5) Bromomethane	2.650	94	55466	40.871	ug/l	98
6) Chloroethane	2.796	64	56262	38.609	ug/l	100
7) Trichlorofluoromethane	3.125	101	150243	49.042	ug/l	94
8) Diethyl Ether	3.528	74	50511	51.014	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	91408	51.599	ug/l	96
10) Methyl Iodide	4.095	142	105804	51.263	ug/l	96
11) Tert butyl alcohol	4.942	59	50157	246.538	ug/l	97
12) 1,1-Dichloroethene	3.875	96	81938	50.493	ug/l	91
13) Acrolein	3.735	56	8590	173.750	ug/l	96
14) Allyl chloride	4.479	41	141254	49.586	ug/l #	92
15) Acrylonitrile	5.161	53	137770	254.748	ug/l	98
16) Acetone	3.942	43	162489	266.799	ug/l	90
17) Carbon Disulfide	4.192	76	201610	44.827	ug/l	99
18) Methyl Acetate	4.479	43	67390	47.752	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	249559	53.886	ug/l	96
20) Methylene Chloride	4.716	84	114542	50.303	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	94205	50.237	ug/l	90
22) Diisopropyl ether	6.119	45	314845	50.633	ug/l	94
23) Vinyl Acetate	6.058	43	936875	258.652	ug/l	96
24) 1,1-Dichloroethane	6.015	63	183398	50.233	ug/l	99
25) 2-Butanone	6.984	43	195540	244.303	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	172557	51.210	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	114141	51.702	ug/l	92
28) Bromochloromethane	7.332	49	68798	46.906	ug/l	87
29) Tetrahydrofuran	7.344	42	107515	237.857	ug/l	90
30) Chloroform	7.503	83	196828	51.986	ug/l	100
31) Cyclohexane	7.783	56	145148	46.704	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	178138	52.595	ug/l	97
36) 1,1-Dichloropropene	7.917	75	137937	50.387	ug/l	98
37) Ethyl Acetate	7.076	43	75215	48.250	ug/l	96
38) Carbon Tetrachloride	7.899	117	161493	52.728	ug/l	100
39) Methylcyclohexane	9.185	83	156389	51.191	ug/l	91
40) Benzene	8.161	78	401877	50.396	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	104169	132.165	ug/l #	16
42) 1,2-Dichloroethane	8.234	62	122813	49.798	ug/l	94
43) Isopropyl Acetate	8.271	43	135642	48.234	ug/l #	91
44) Trichloroethene	8.941	130	109104	50.851	ug/l	98
45) 1,2-Dichloropropane	9.216	63	103315	50.687	ug/l	94
46) Dibromomethane	9.307	93	56054	49.183	ug/l	98
47) Bromodichloromethane	9.496	83	150262	52.342	ug/l	99
48) Methyl methacrylate	9.295	41	62299	49.875	ug/l #	87
49) 1,4-Dioxane	9.295	88	14479	1025.850	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	382562	244.718	ug/l	91
52) Toluene	10.246	92	259366	51.433	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	148202	51.645	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	167923	52.017	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	84096	51.576	ug/l	97
56) Ethyl methacrylate	10.508	69	108807	53.655	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	139600	50.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	262760	264.568	ug/l	97
59) 2-Hexanone	10.831	43	283361	253.965	ug/l	90
60) Dibromochloromethane	10.984	129	104665	52.379	ug/l	100
61) 1,2-Dibromoethane	11.087	107	75024	50.409	ug/l	100
64) Tetrachloroethene	10.721	164	111462	52.871	ug/l	98
65) Chlorobenzene	11.514	112	281545	52.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	110164	54.256	ug/l	99
67) Ethyl Benzene	11.593	91	511468	52.877	ug/l	100
68) m/p-Xylenes	11.703	106	391576	106.345	ug/l	97
69) o-Xylene	12.032	106	188101	54.869	ug/l	95
70) Styrene	12.044	104	320866	54.832	ug/l	97
71) Bromoform	12.209	173	65615	53.118	ug/l #	99
73) Isopropylbenzene	12.331	105	513808	53.901	ug/l	100
74) N-amyl acetate	12.142	43	116655	49.556	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	92637	49.317	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	126138	88.863	ug/l #	100
77) Bromobenzene	12.611	156	115117	51.718	ug/l	96
78) n-propylbenzene	12.672	91	619269	53.250	ug/l	99
79) 2-Chlorotoluene	12.758	91	344922	52.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	432836	53.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	33117	51.102	ug/l	90
82) 4-Chlorotoluene	12.855	91	354035	51.654	ug/l	100
83) tert-Butylbenzene	13.075	119	378229	54.040	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	425616	53.629	ug/l	99
85) sec-Butylbenzene	13.251	105	565321	54.134	ug/l	100
86) p-Isopropyltoluene	13.367	119	469956	53.922	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	233245	51.477	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	228696	50.476	ug/l	98
89) n-Butylbenzene	13.697	91	433311	54.084	ug/l	99
90) Hexachloroethane	13.959	117	90892	51.644	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	207257	51.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15475	50.235	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	125207	56.202	ug/l	99
94) Hexachlorobutadiene	15.111	225	80349	58.021	ug/l	99
95) Naphthalene	15.239	128	243765	52.018	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107727	56.425	ug/l	98

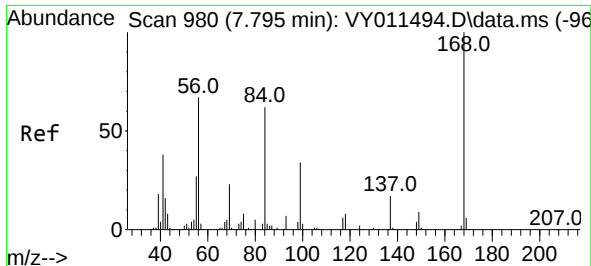
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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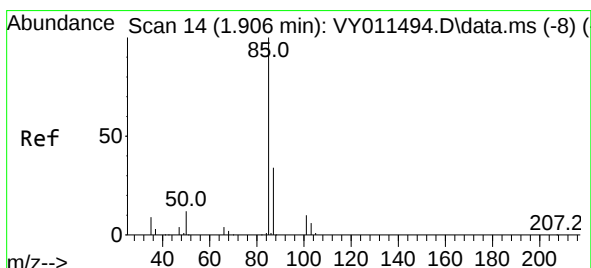
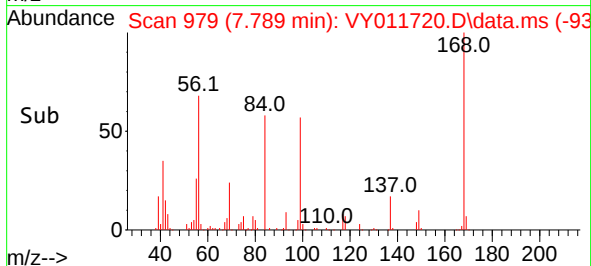
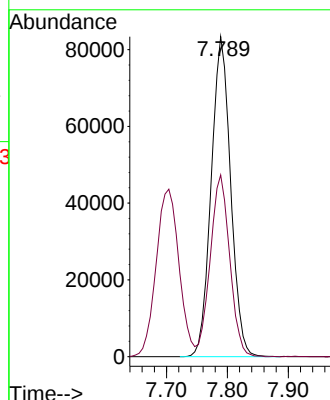
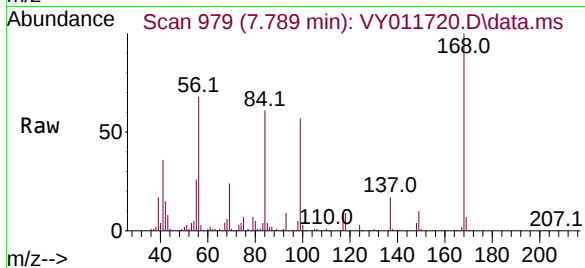
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

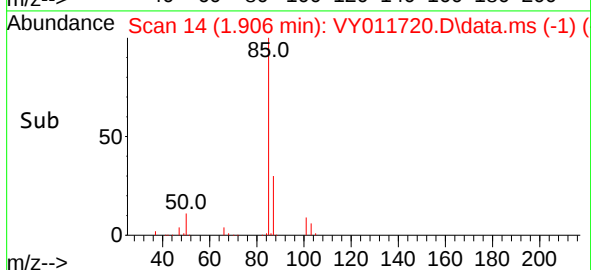
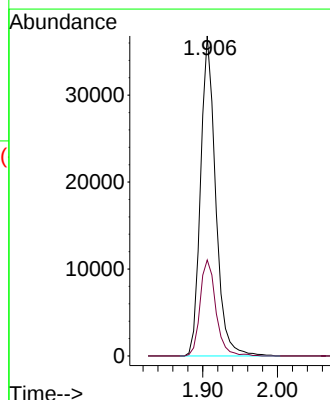
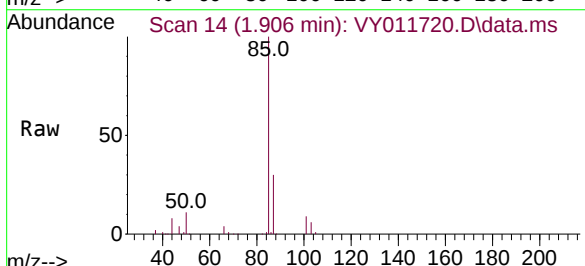
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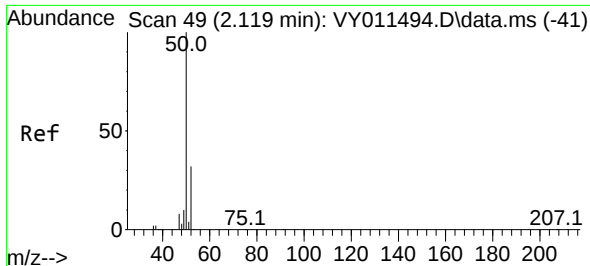
Tgt Ion:168 Resp: 184656
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 52.128 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 85 Resp: 51458
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

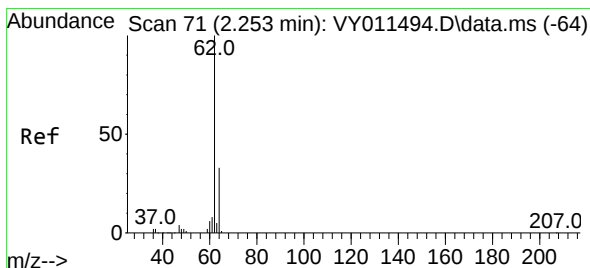
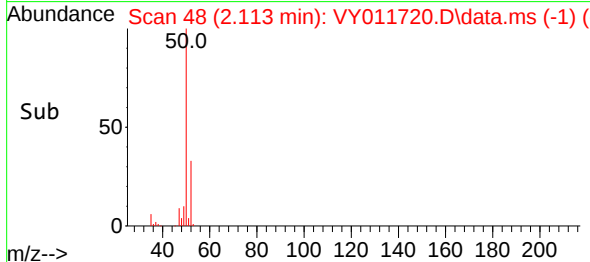
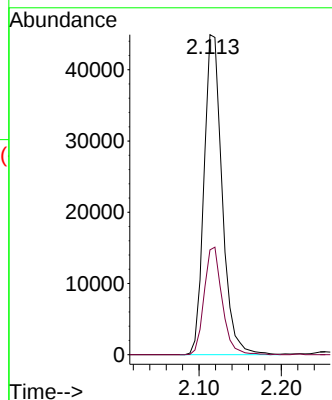
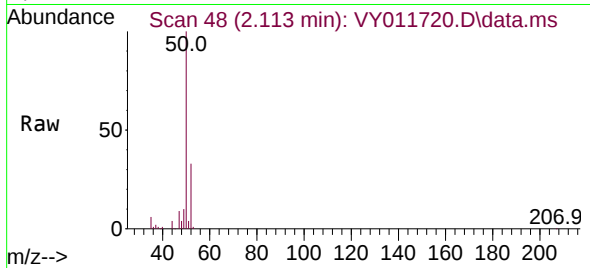




#3
Chloromethane
Concen: 43.291 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

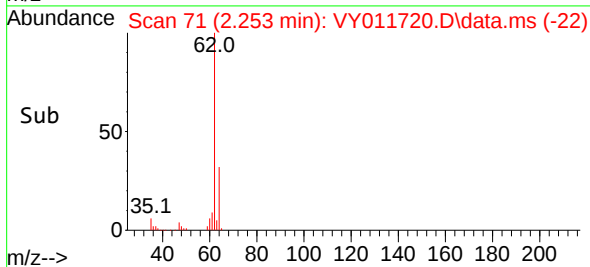
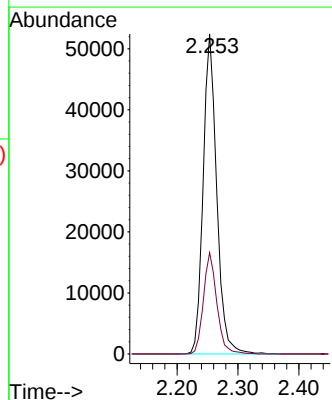
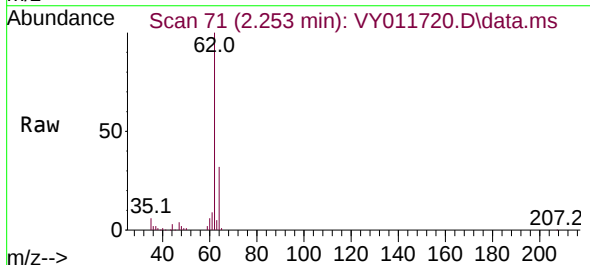
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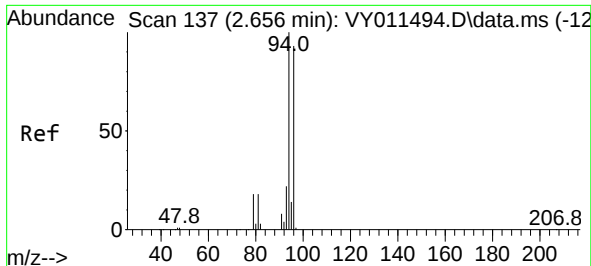
Tgt Ion: 50 Resp: 68899
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 38.876 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 62 Resp: 81196
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

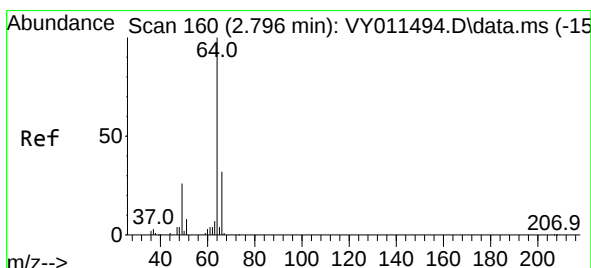
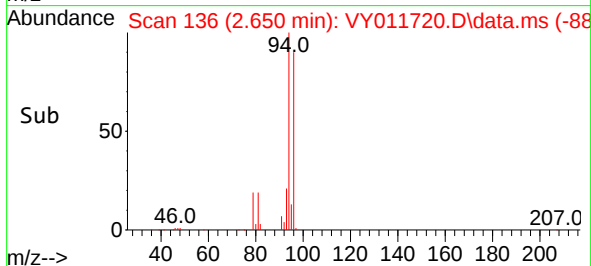
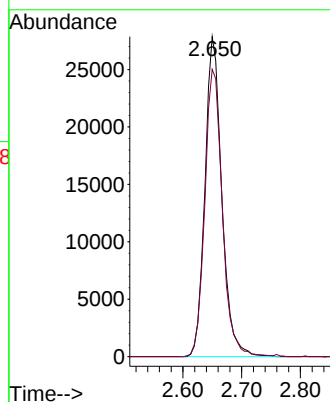
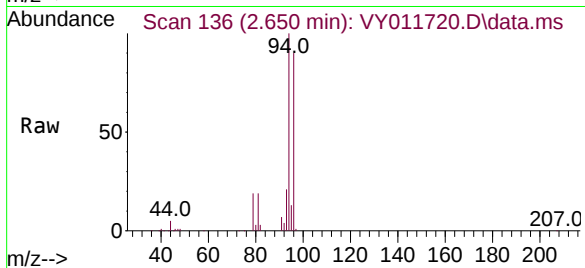




#5
Bromomethane
Concen: 40.871 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

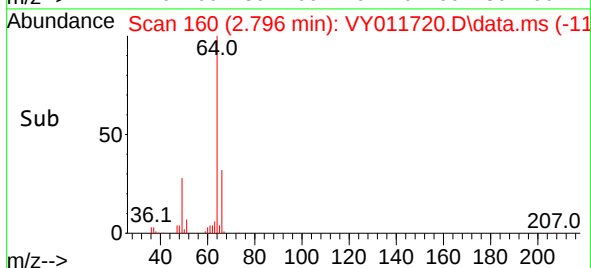
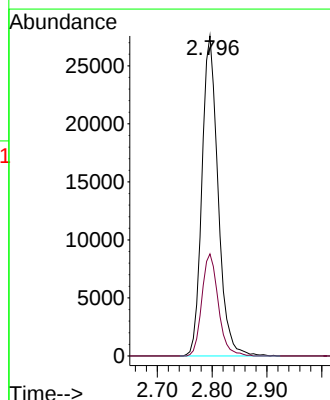
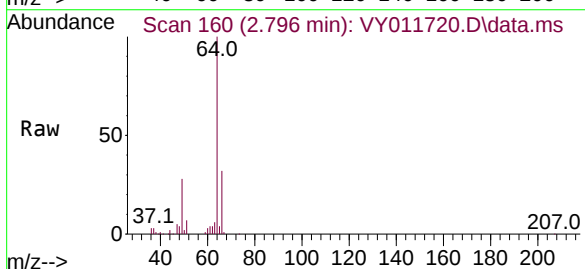
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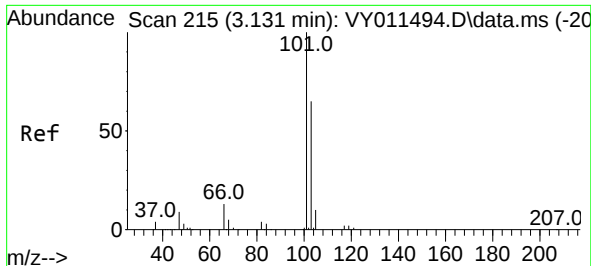
Tgt Ion: 94 Resp: 55466
Ion Ratio Lower Upper
94 100
96 89.8 73.5 110.3



#6
Chloroethane
Concen: 38.609 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 64 Resp: 56262
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

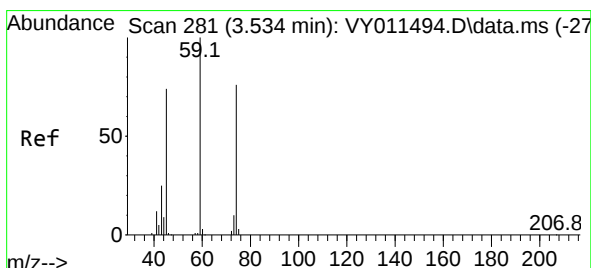
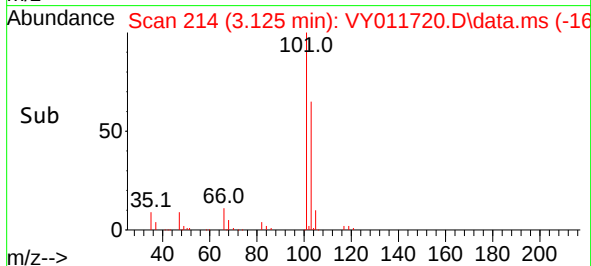
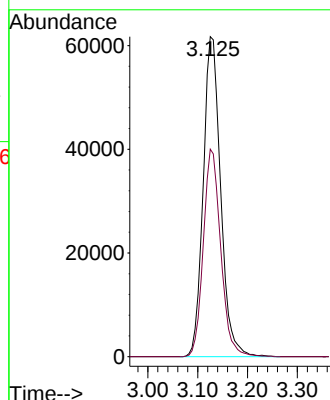
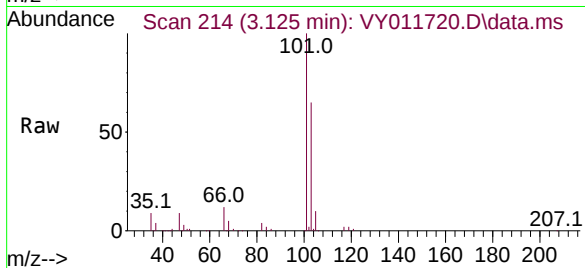




#7
Trichlorofluoromethane
Concen: 49.042 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

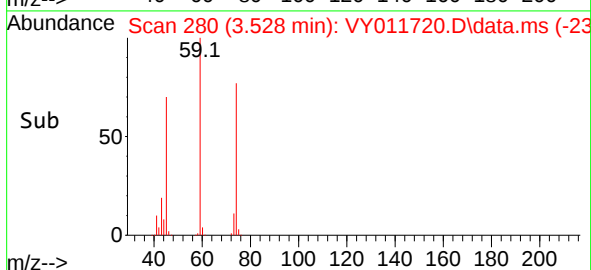
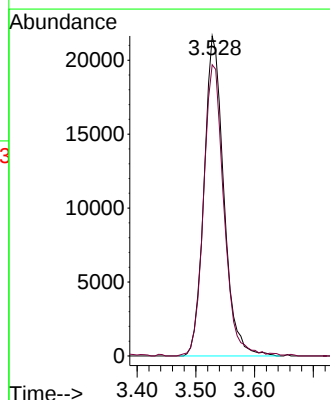
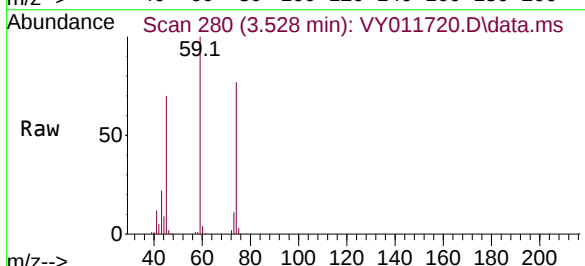
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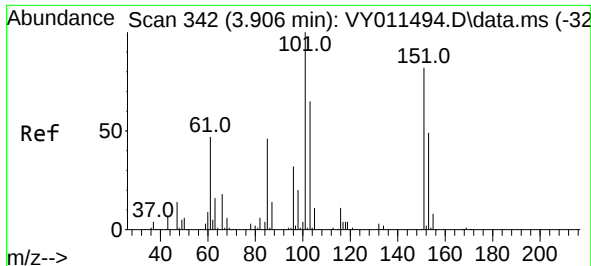
Tgt Ion:101 Resp: 150243
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0



#8
Diethyl Ether
Concen: 51.014 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 74 Resp: 50511
Ion Ratio Lower Upper
74 100
45 94.2 55.1 165.5

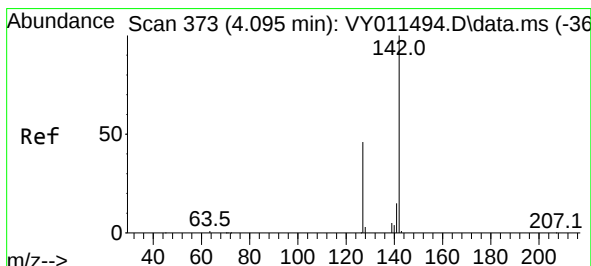
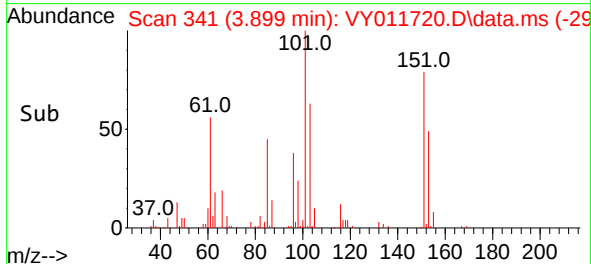
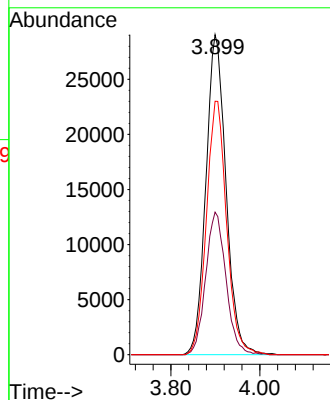
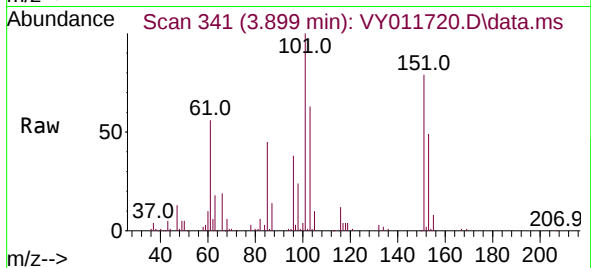




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.599 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.007 min
Lab File: VY011720.D
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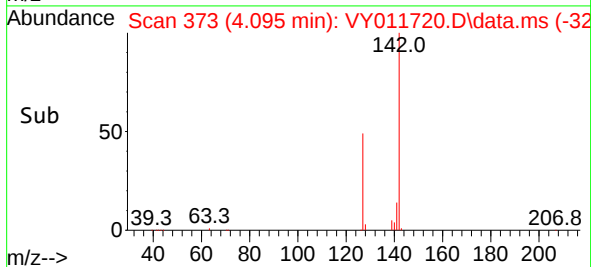
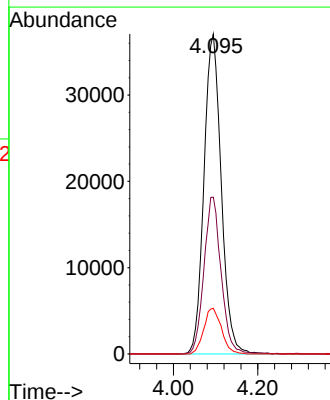
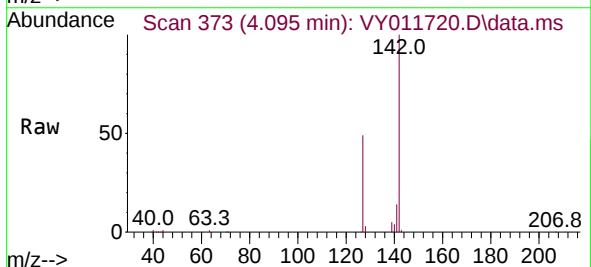
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

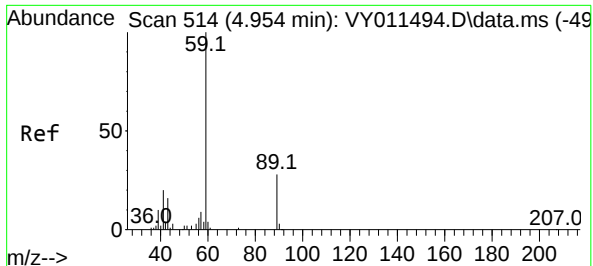
Tgt Ion:101 Resp: 91408
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 79.5 64.9 97.3



#10
Methyl Iodide
Concen: 51.263 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:142 Resp: 105804
Ion Ratio Lower Upper
142 100
127 48.5 41.5 62.3
141 14.6 11.9 17.9

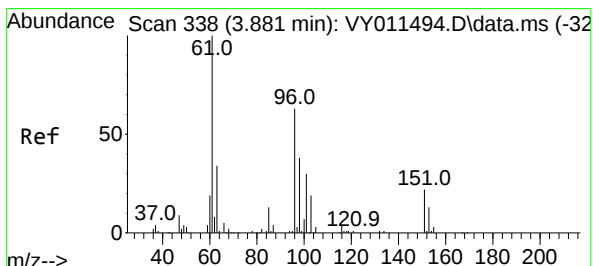
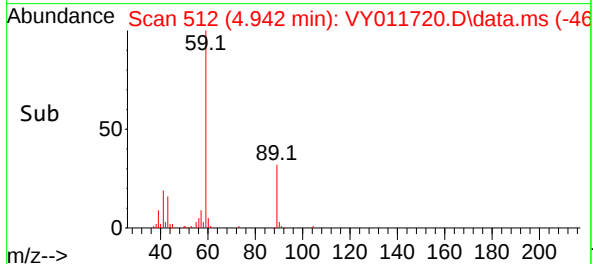
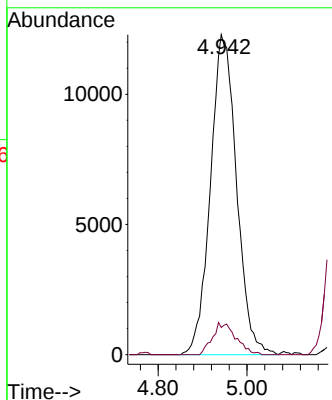
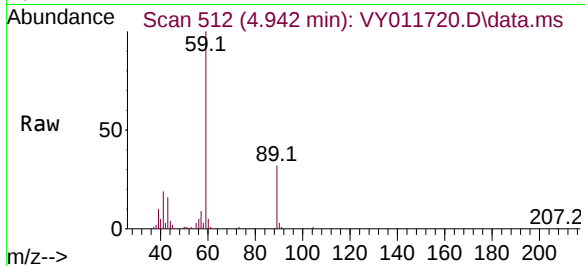




#11
Tert butyl alcohol
Concen: 246.538 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

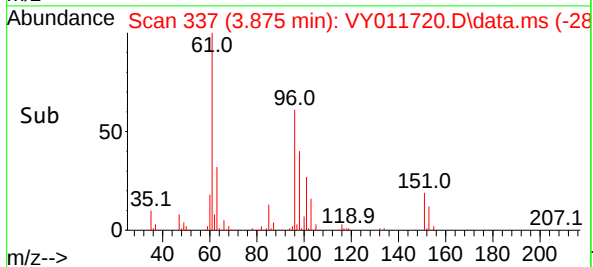
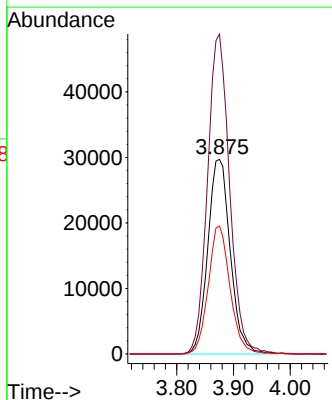
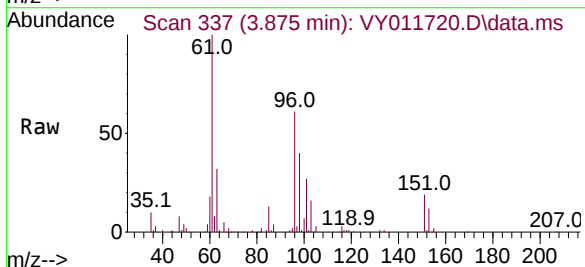
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

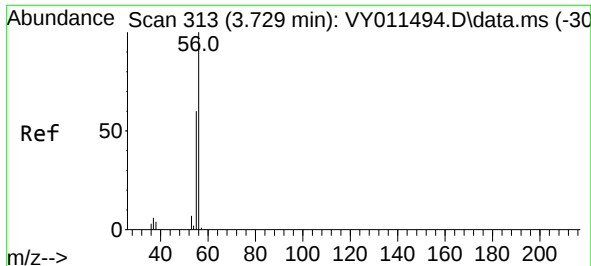
Tgt Ion: 59 Resp: 50157
Ion Ratio Lower Upper
59 100
57 8.9 6.4 9.6



#12
1,1-Dichloroethene
Concen: 50.493 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 96 Resp: 81938
Ion Ratio Lower Upper
96 100
61 164.4 145.8 218.6
98 65.8 52.5 78.7

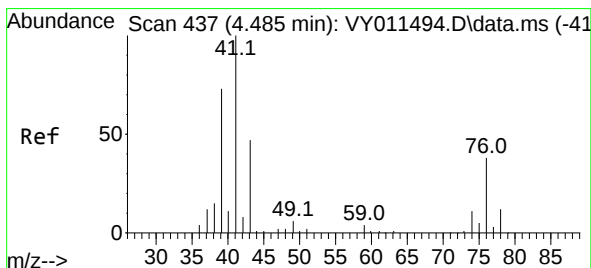
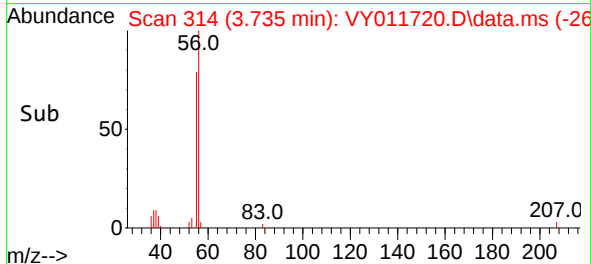
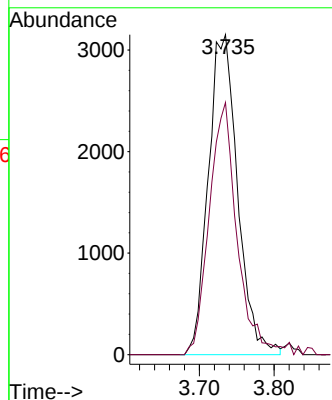
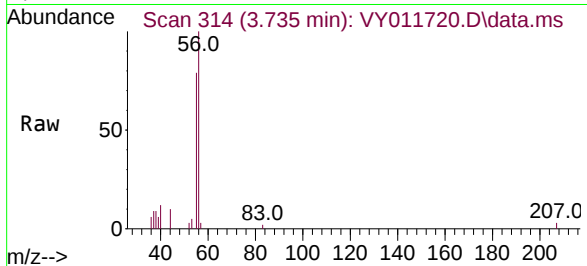




#13
Acrolein
Concen: 173.750 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

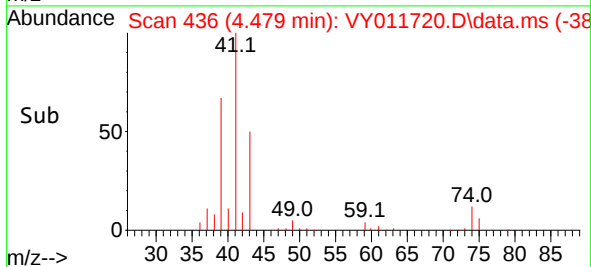
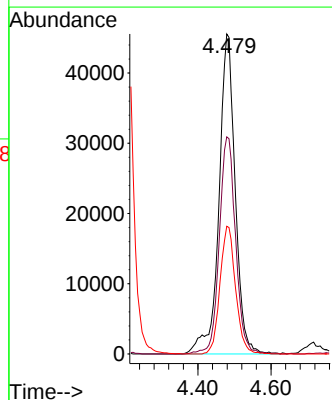
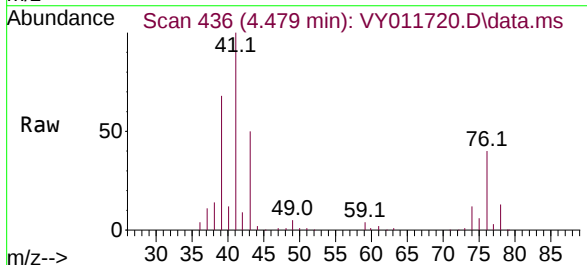
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

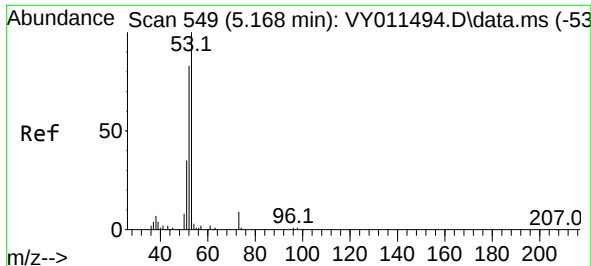
Tgt Ion: 56 Resp: 8590
Ion Ratio Lower Upper
56 100
55 75.5 57.6 86.4



#14
Allyl chloride
Concen: 49.586 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 41 Resp: 141254
Ion Ratio Lower Upper
41 100
39 68.0 58.8 88.2
76 38.1 25.1 37.7#

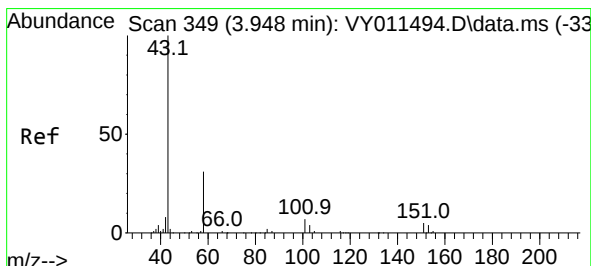
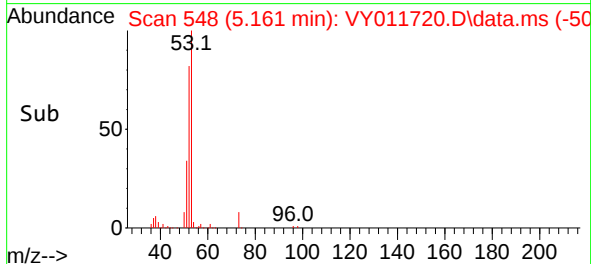
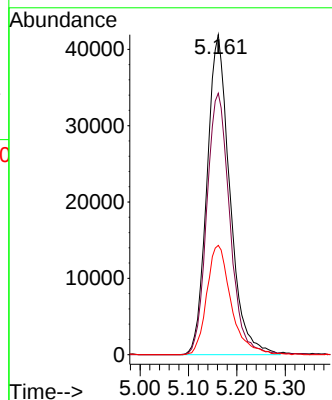
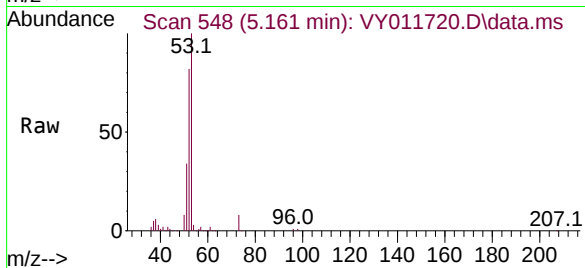




#15
Acrylonitrile
Concen: 254.748 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.007 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

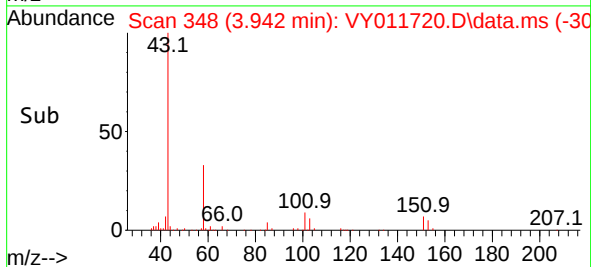
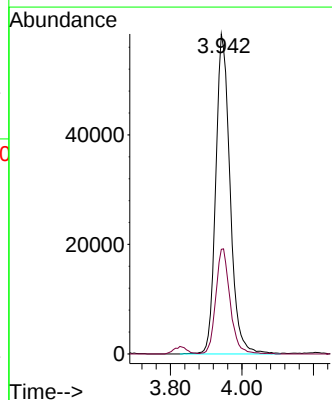
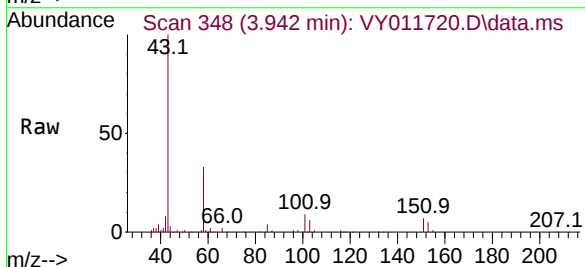
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

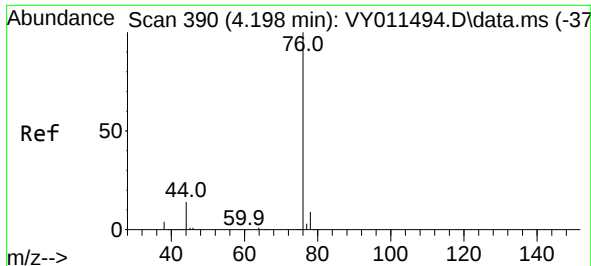
Tgt Ion: 53 Resp: 137770
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 266.799 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 43 Resp: 162489
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

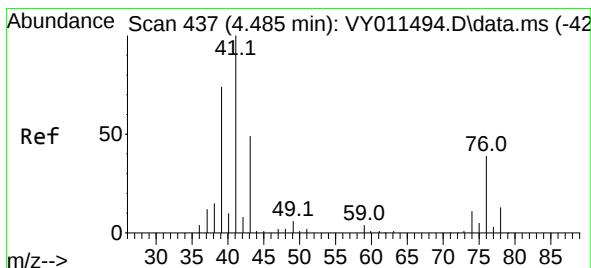
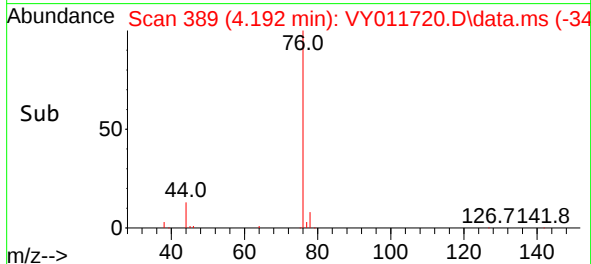
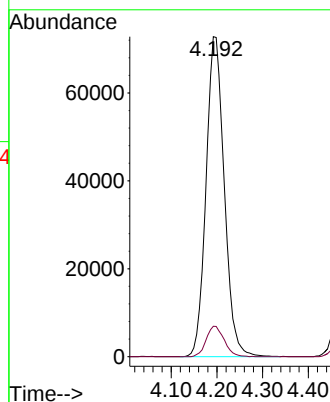
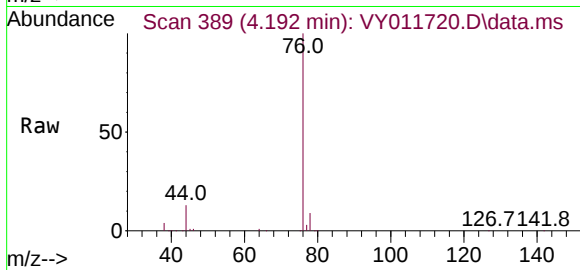




#17
Carbon Disulfide
Concen: 44.827 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

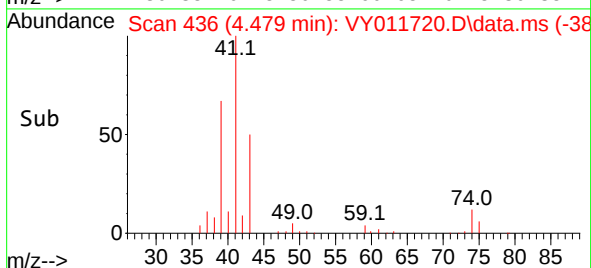
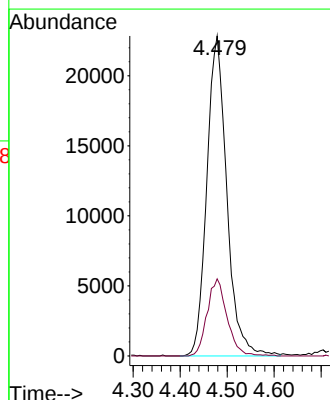
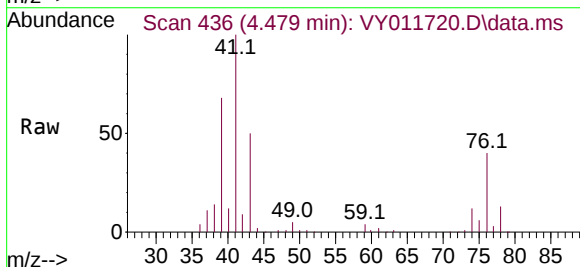
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

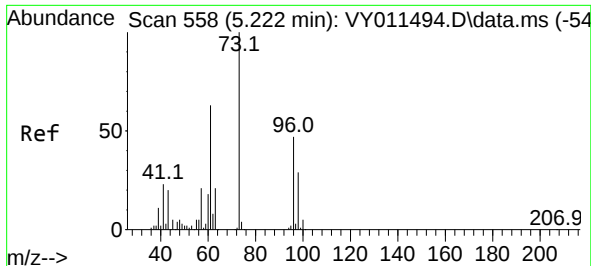
Tgt Ion: 76 Resp: 201610
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 47.752 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 43 Resp: 67390
Ion Ratio Lower Upper
43 100
74 24.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 53.886 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

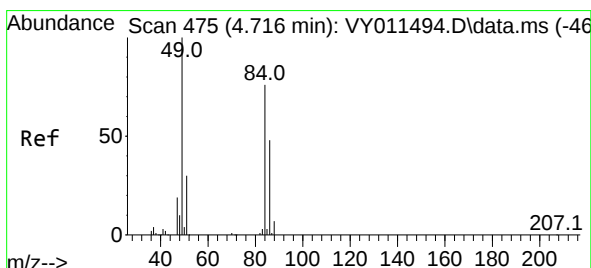
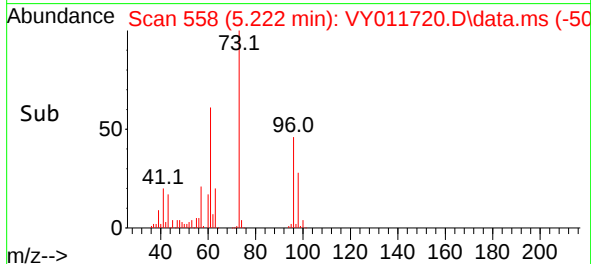
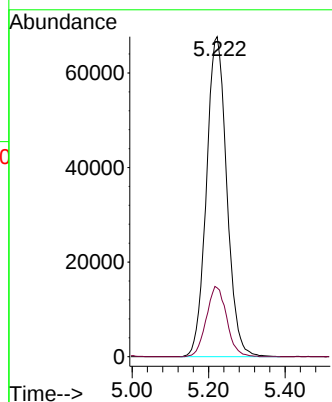
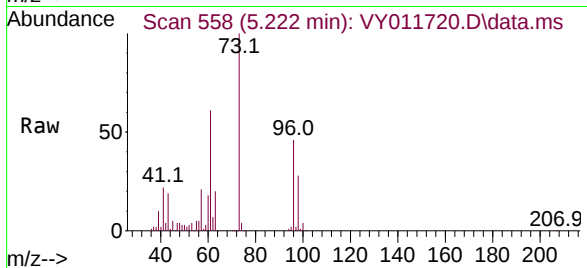
VSTDCCC050EC

Tgt Ion: 73 Resp: 249559

Ion Ratio Lower Upper

73 100

57 21.5 18.6 27.8



#20

Methylene Chloride

Concen: 50.303 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Tgt Ion: 84 Resp: 114542

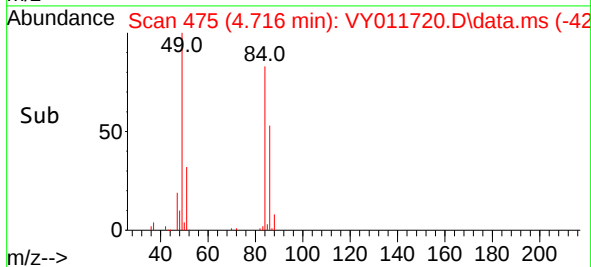
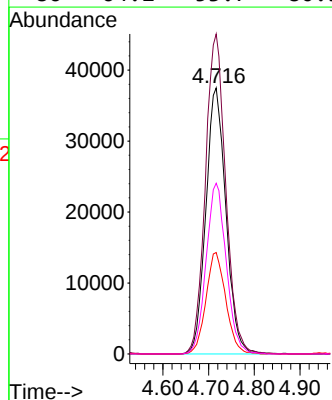
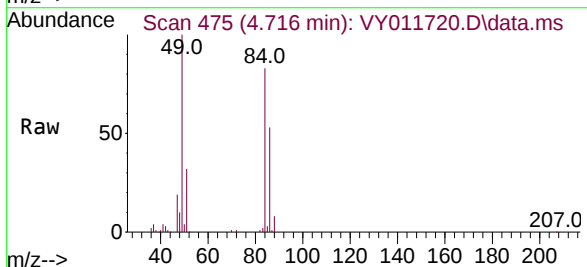
Ion Ratio Lower Upper

84 100

49 120.3 114.4 171.6

51 38.1 35.3 52.9

86 64.2 53.7 80.5

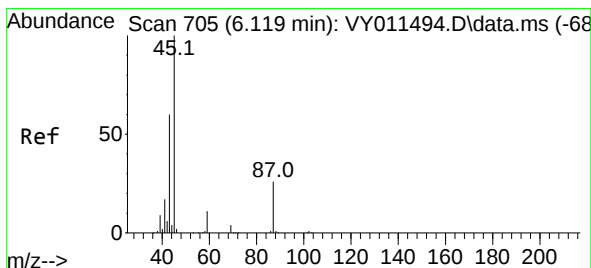
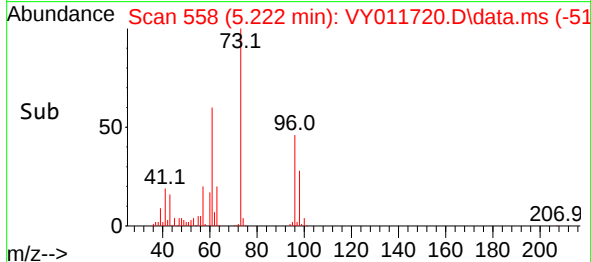
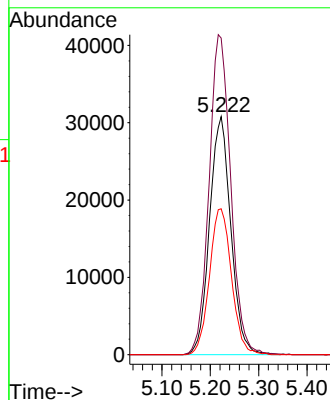
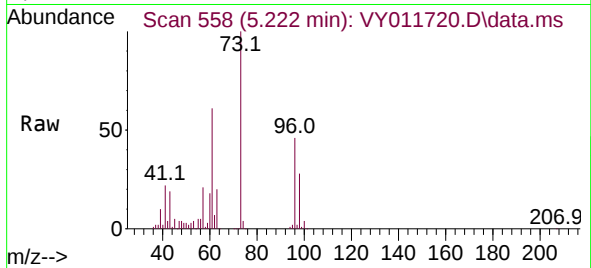




#21
trans-1,2-Dichloroethene
Concen: 50.237 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

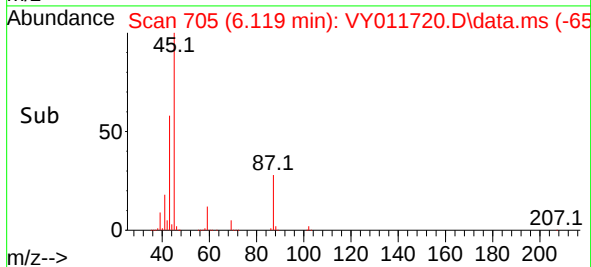
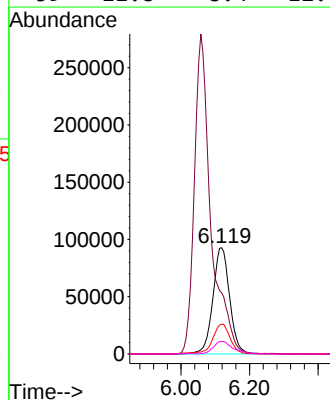
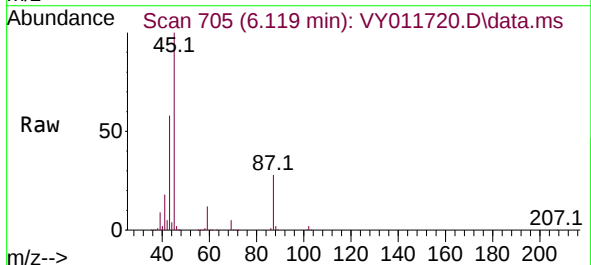
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 94205
Ion Ratio Lower Upper
96 100
61 133.0 120.5 180.7
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 50.633 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 45 Resp: 314845
Ion Ratio Lower Upper
45 100
43 57.3 49.3 73.9
87 28.1 19.2 28.8
59 11.8 8.4 12.6

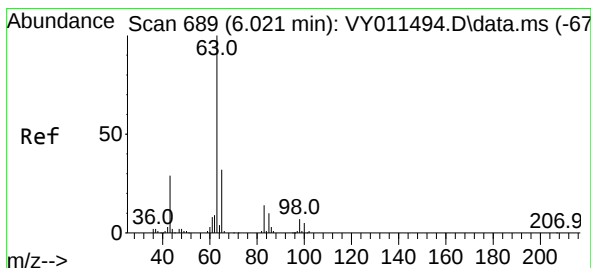
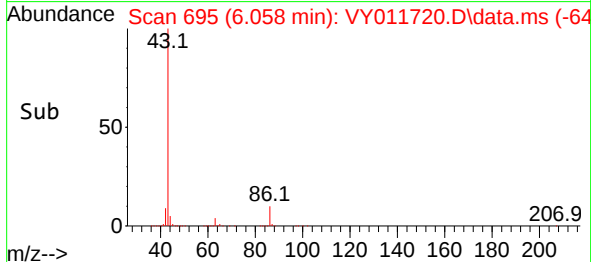
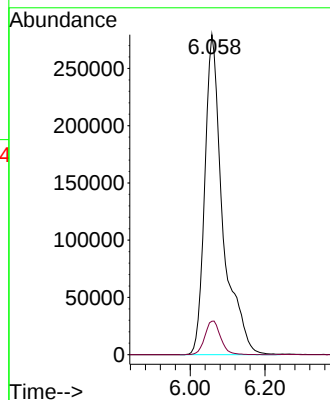
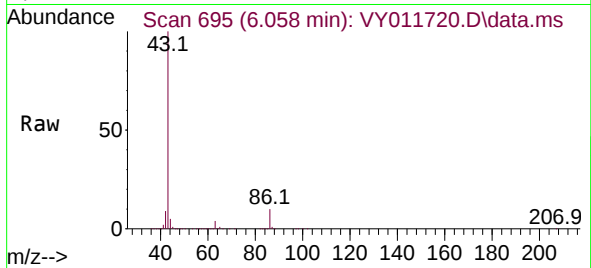




#23
 Vinyl Acetate
 Concen: 258.652 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY011720.D
 Acq: 06 Dec 2022 16:23

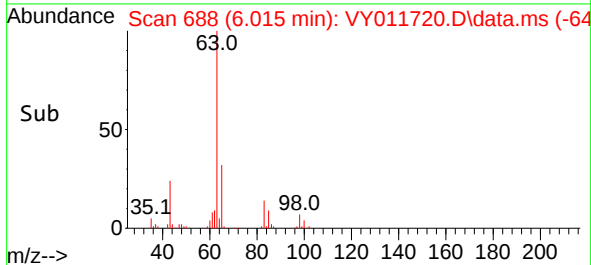
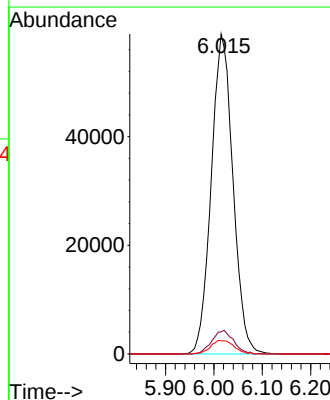
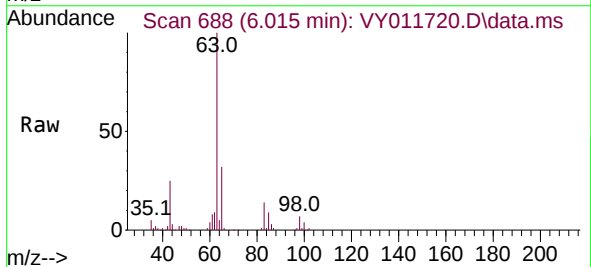
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

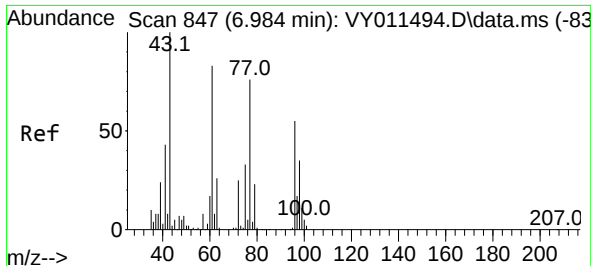
Tgt Ion: 43 Resp: 936875
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 50.233 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011720.D
 Acq: 06 Dec 2022 16:23

Tgt Ion: 63 Resp: 183398
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 244.303 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

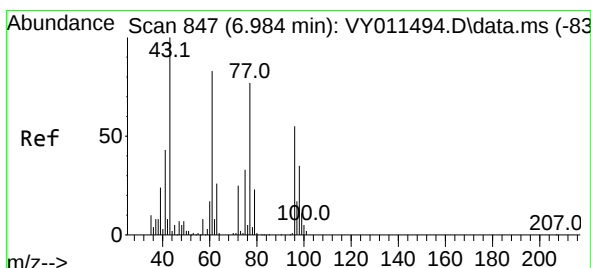
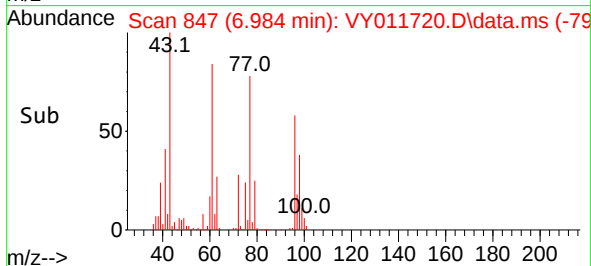
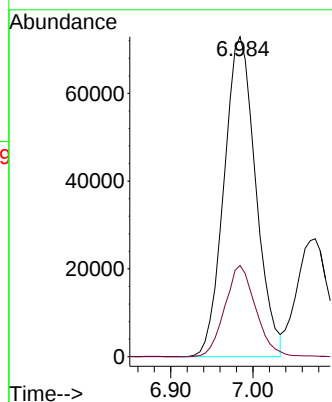
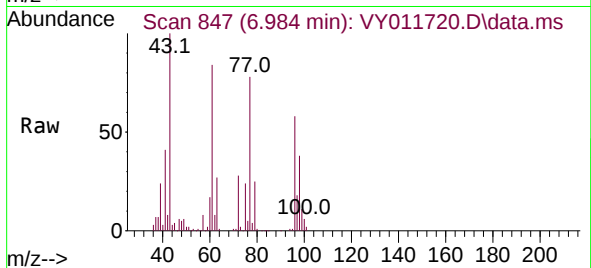
VSTDCCC050EC

Tgt Ion: 43 Resp: 195540

Ion Ratio Lower Upper

43 100

72 28.5 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 51.210 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY011720.D

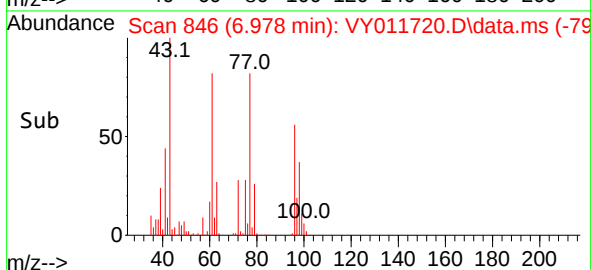
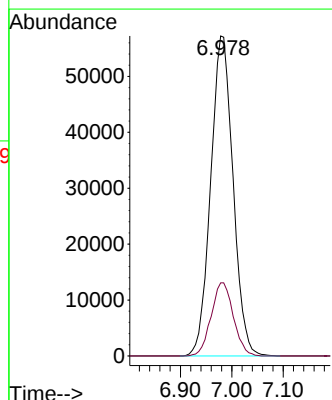
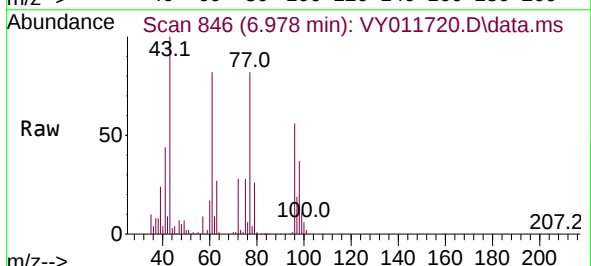
Acq: 06 Dec 2022 16:23

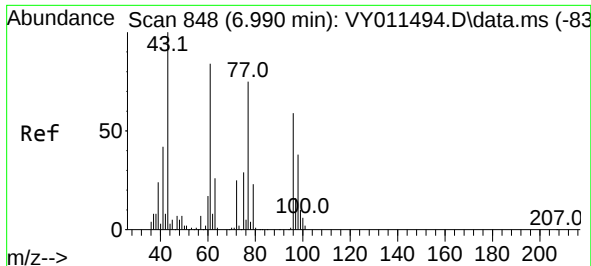
Tgt Ion: 77 Resp: 172557

Ion Ratio Lower Upper

77 100

97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.702 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

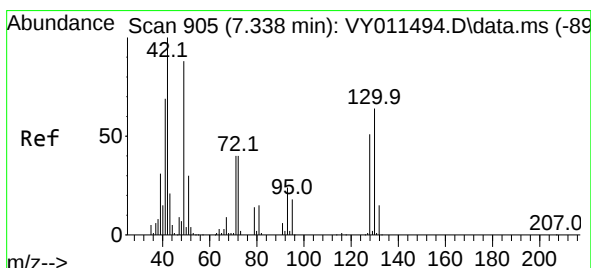
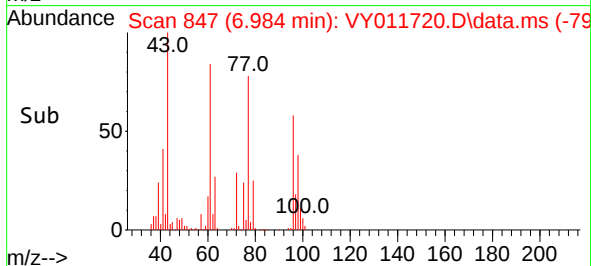
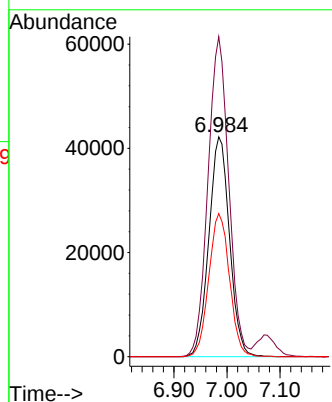
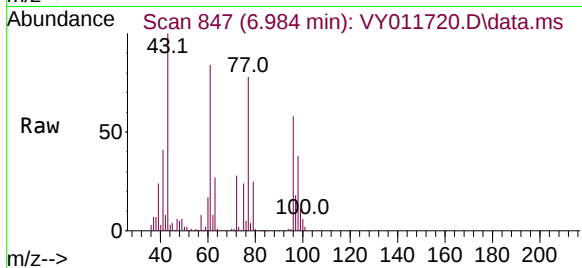
Tgt Ion: 96 Resp: 114141

Ion Ratio Lower Upper

96 100

61 146.5 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 46.906 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

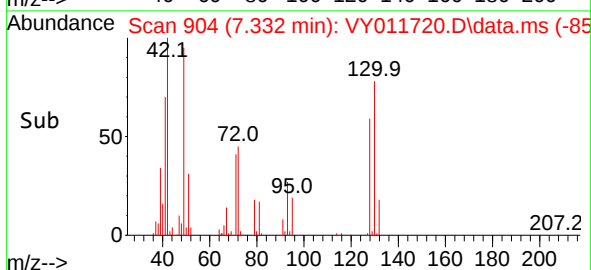
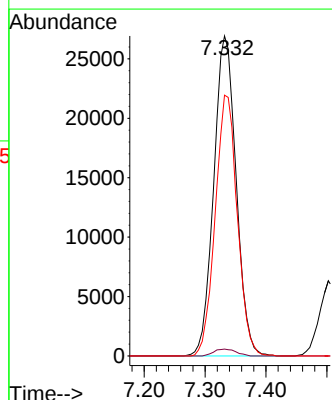
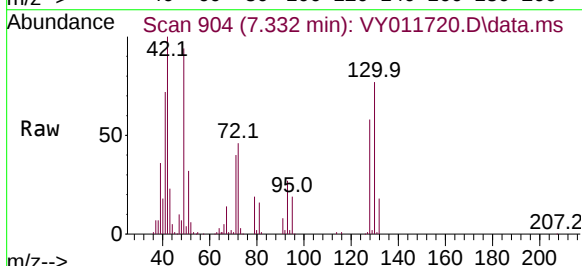
Tgt Ion: 49 Resp: 68798

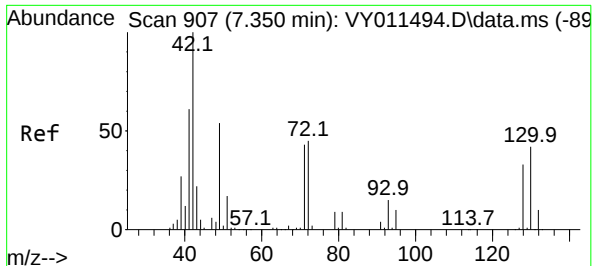
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 80.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 237.857 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

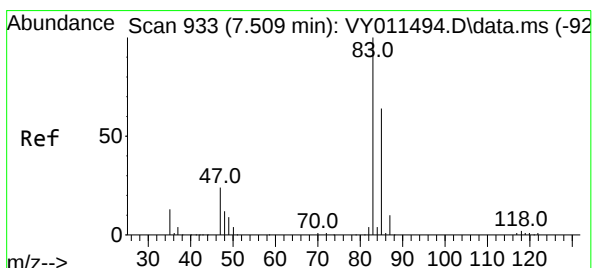
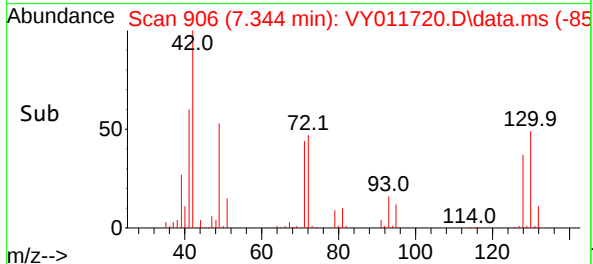
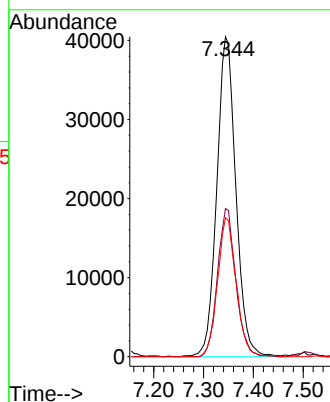
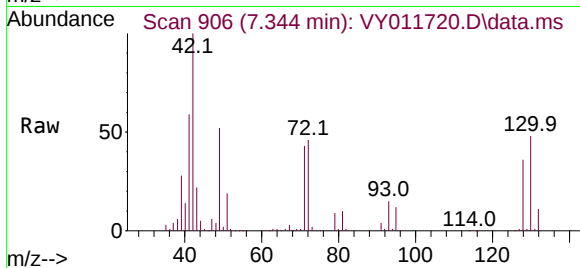
Tgt Ion: 42 Resp: 107515

Ion Ratio Lower Upper

42 100

72 44.4 30.3 45.5

71 42.1 29.0 43.4



#30

Chloroform

Concen: 51.986 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY011720.D

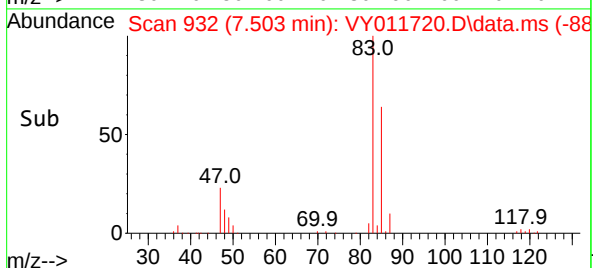
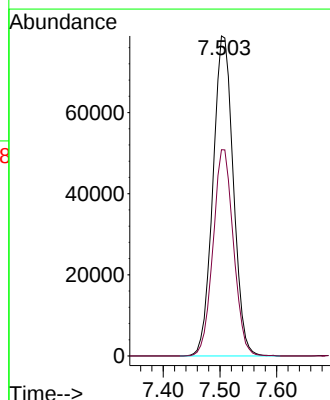
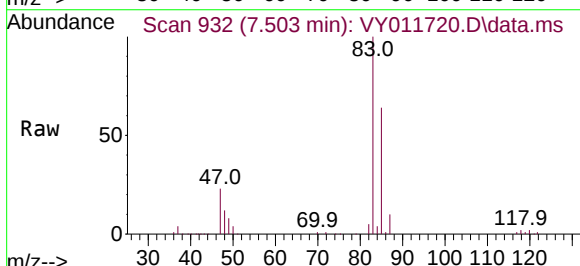
Acq: 06 Dec 2022 16:23

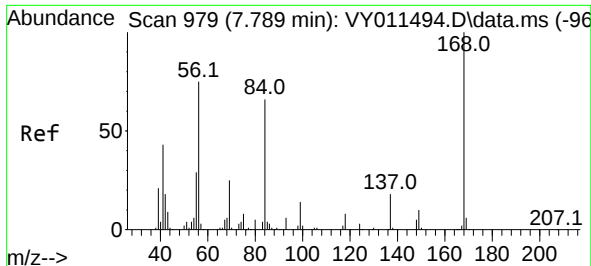
Tgt Ion: 83 Resp: 196828

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

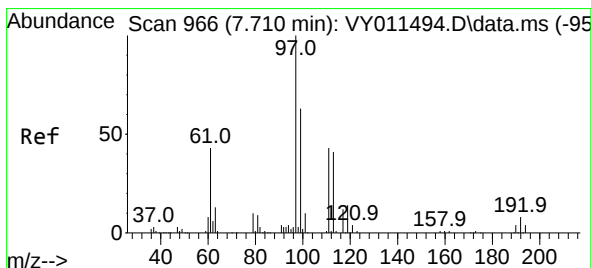
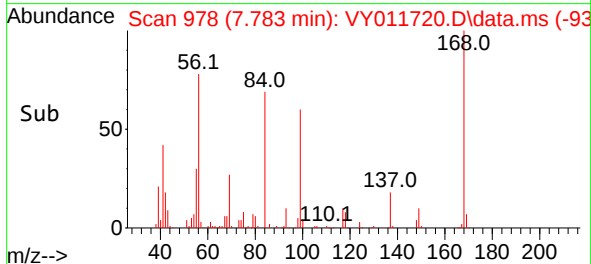
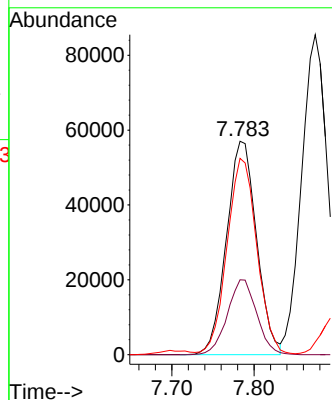
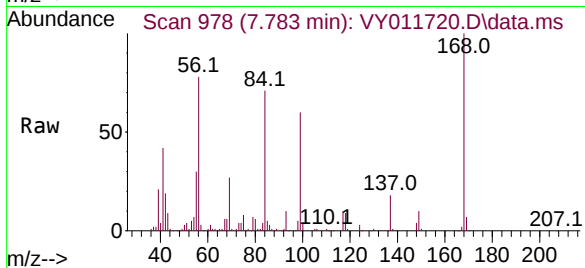




#31
Cyclohexane
Concen: 46.704 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

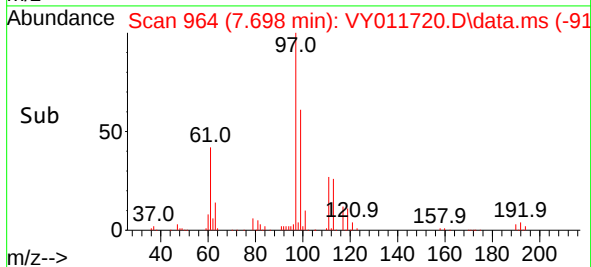
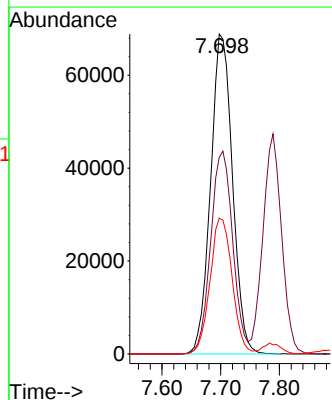
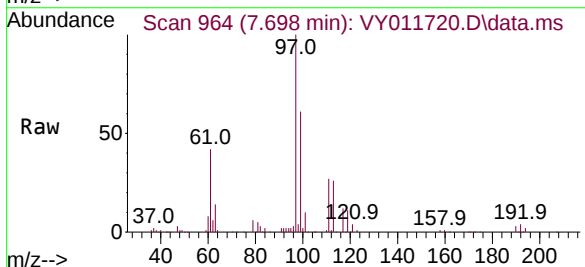
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

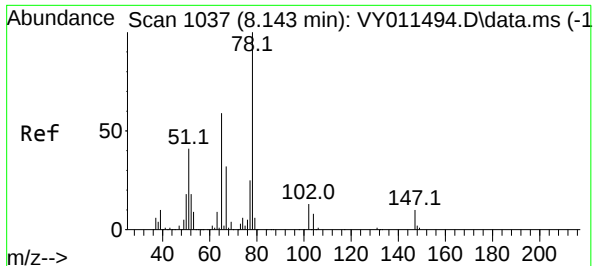
Tgt Ion: 56 Resp: 145148
Ion Ratio Lower Upper
56 100
69 35.1 26.7 40.1
84 90.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.595 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 97 Resp: 178138
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.548 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

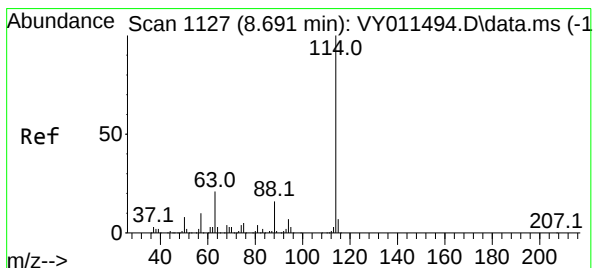
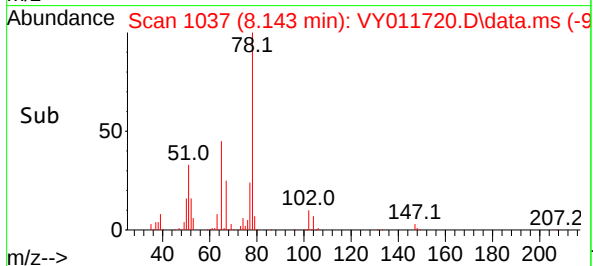
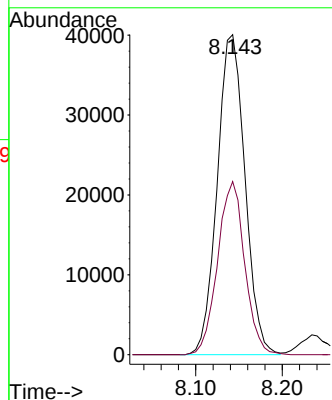
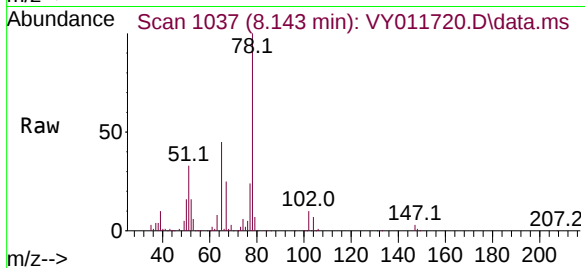
VSTDCCC050EC

Tgt Ion: 65 Resp: 89152

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

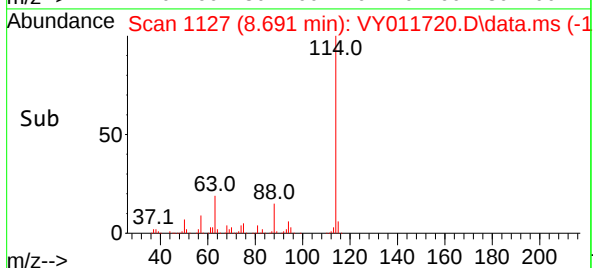
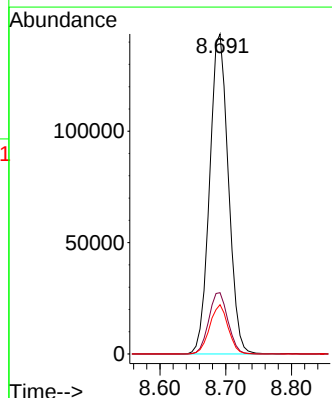
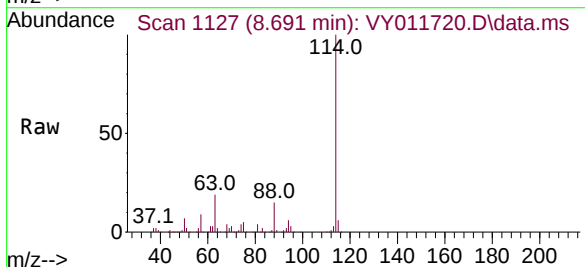
Tgt Ion: 114 Resp: 284495

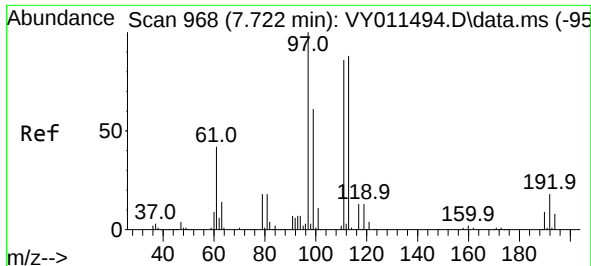
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.902 ug/l

RT: 7.716 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

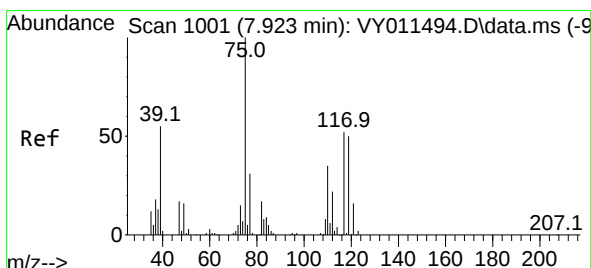
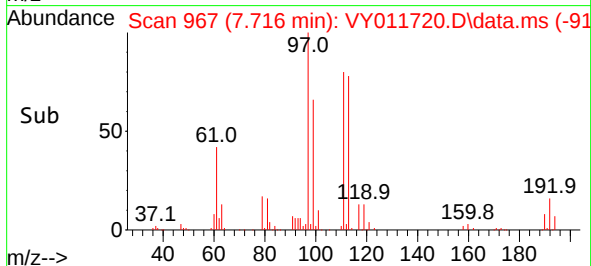
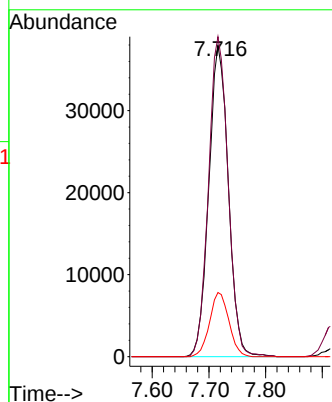
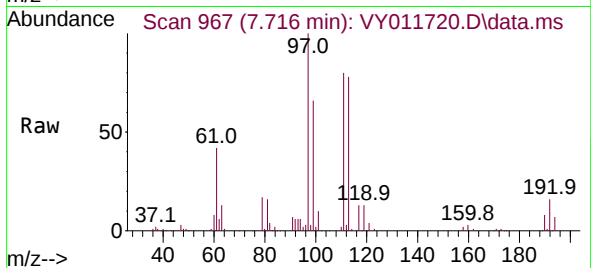
Tgt Ion:113 Resp: 90898

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.4 17.6 26.4



#36

1,1-Dichloropropene

Concen: 50.387 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

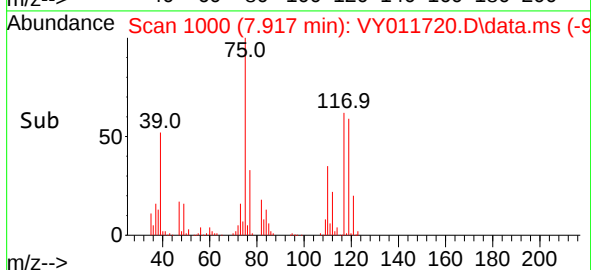
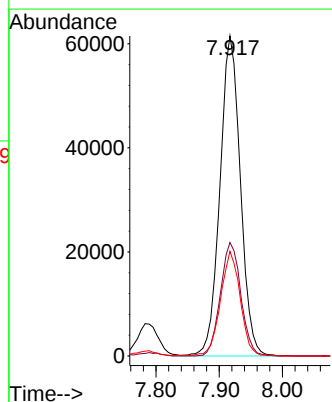
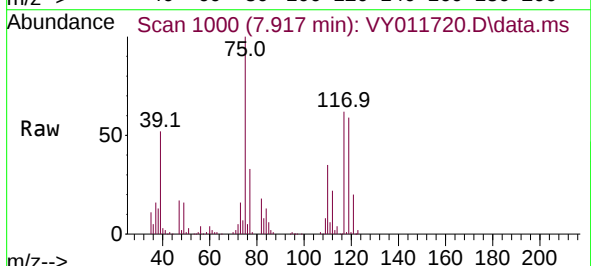
Tgt Ion: 75 Resp: 137937

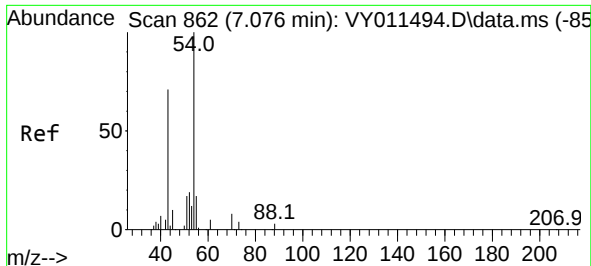
Ion Ratio Lower Upper

75 100

110 35.4 17.1 51.2

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 48.250 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

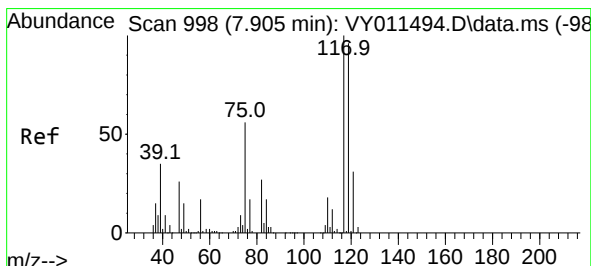
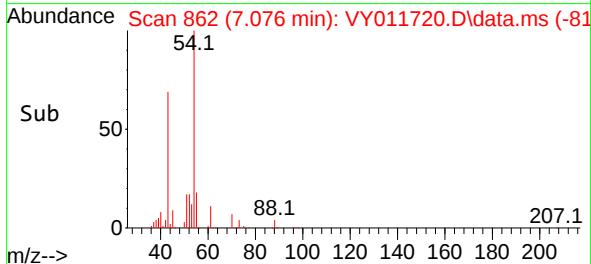
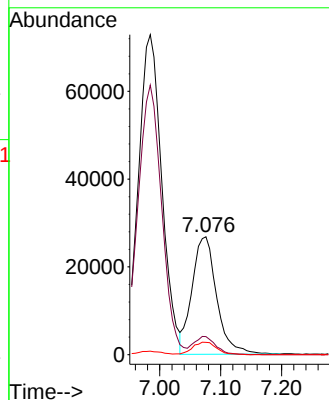
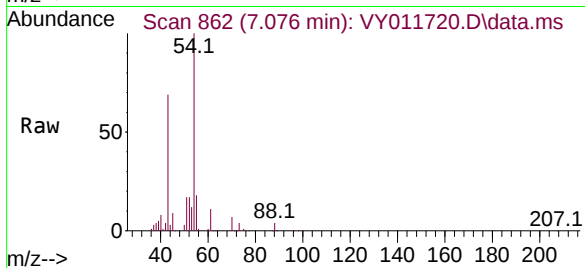
Tgt Ion: 43 Resp: 75215

Ion Ratio Lower Upper

43 100

61 13.6 9.7 14.5

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.728 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

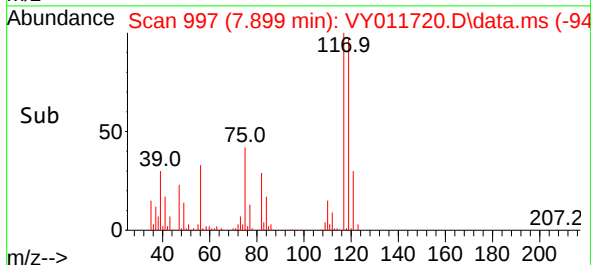
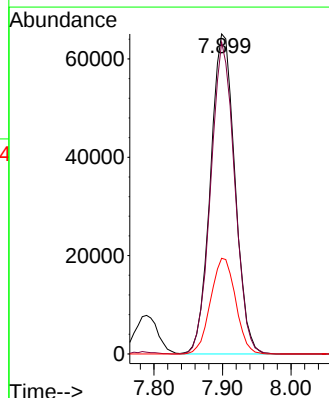
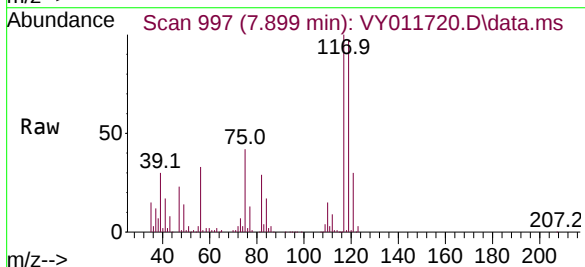
Tgt Ion: 117 Resp: 161493

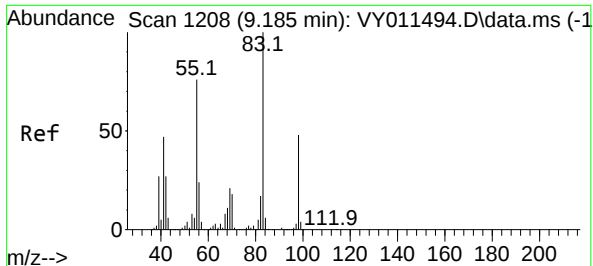
Ion Ratio Lower Upper

117 100

119 97.4 77.9 116.9

121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 51.191 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

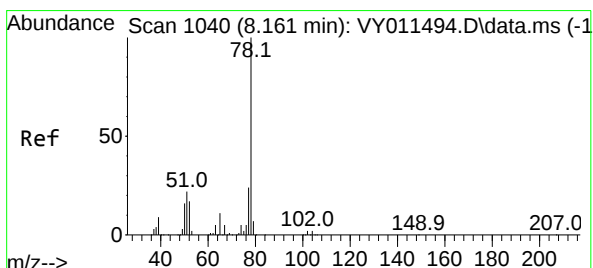
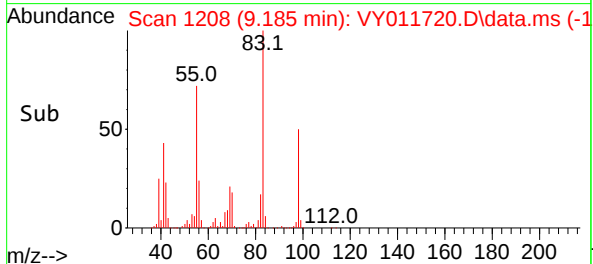
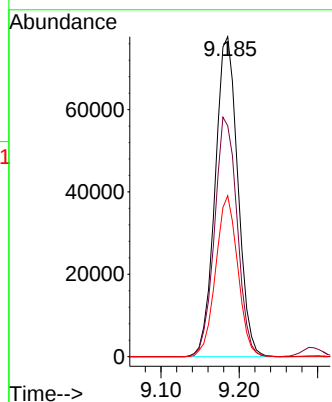
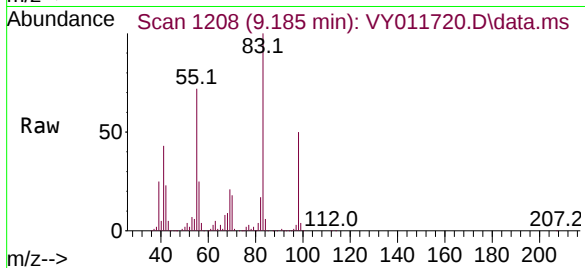
Tgt Ion: 83 Resp: 156389

Ion Ratio Lower Upper

83 100

55 72.2 66.5 99.7

98 50.3 37.9 56.9



#40

Benzene

Concen: 50.396 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011720.D

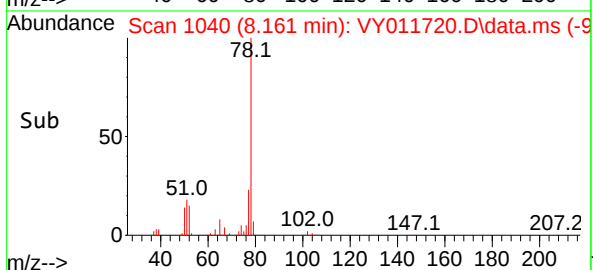
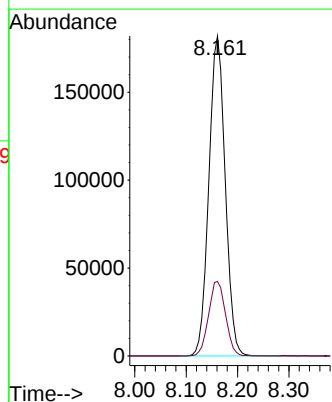
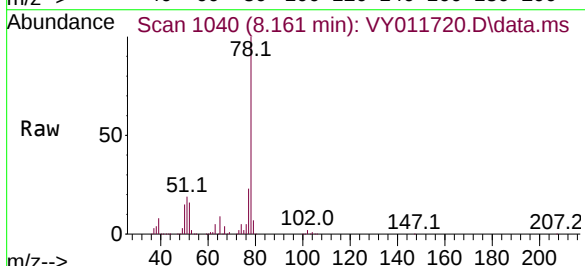
Acq: 06 Dec 2022 16:23

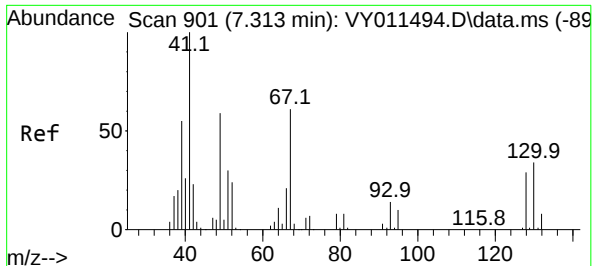
Tgt Ion: 78 Resp: 401877

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

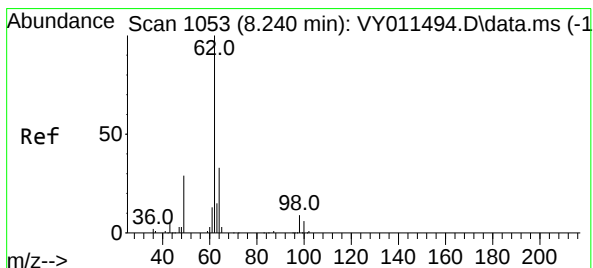
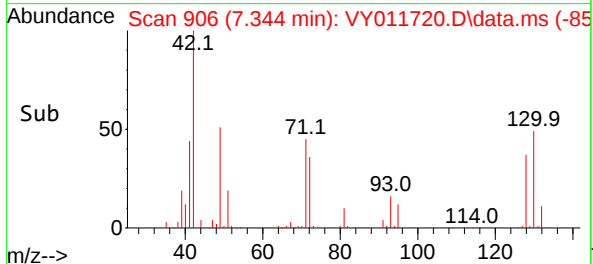
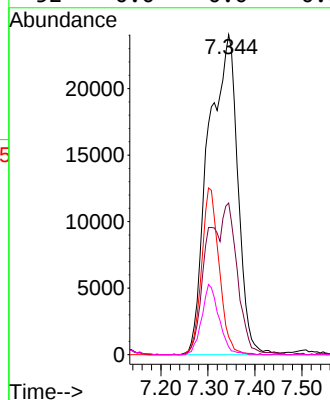
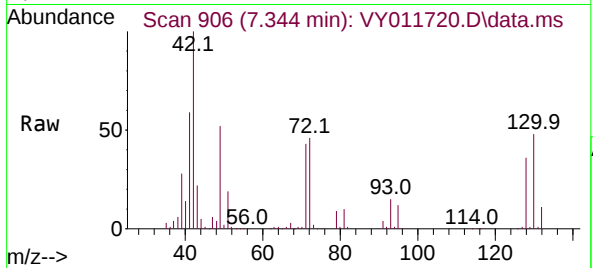




#41
Methacrylonitrile
Concen: 132.165 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

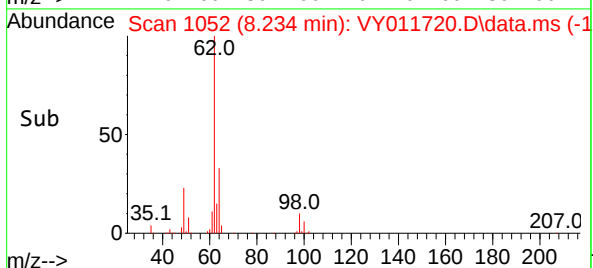
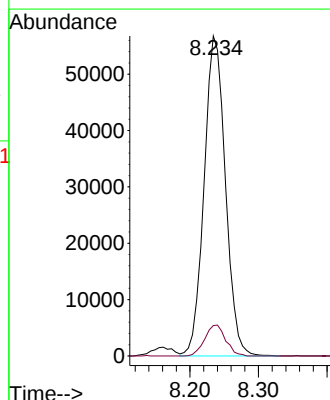
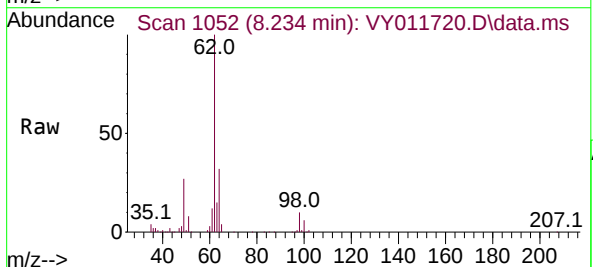
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 104169
Ion Ratio Lower Upper
41 100
39 24.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.798 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 62 Resp: 122813
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8

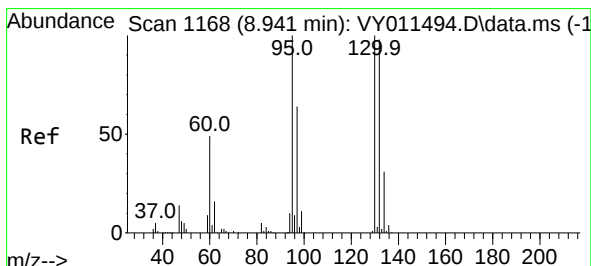
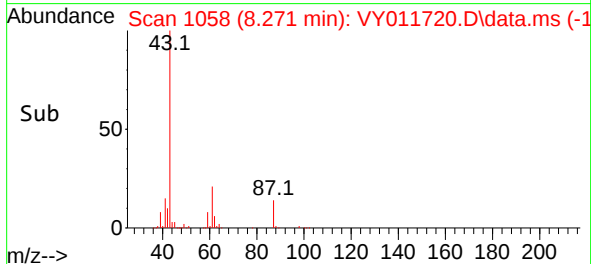
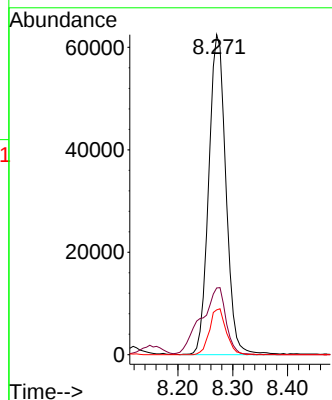
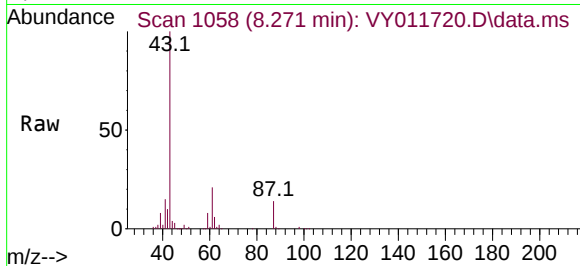




#43
Isopropyl Acetate
Concen: 48.234 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

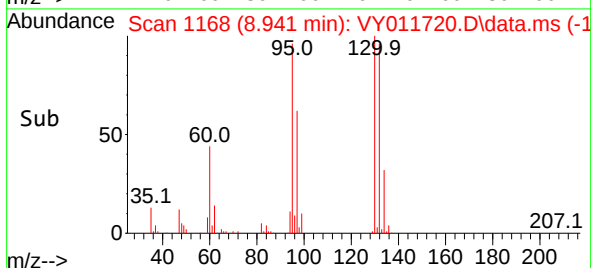
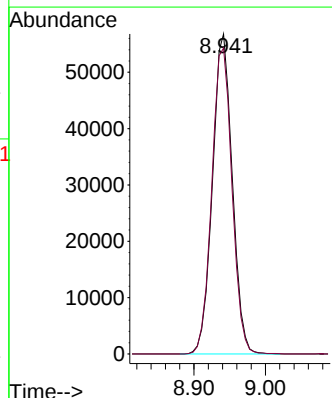
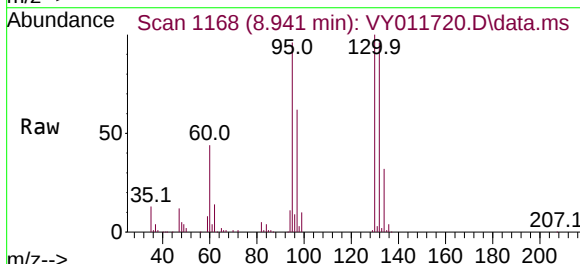
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

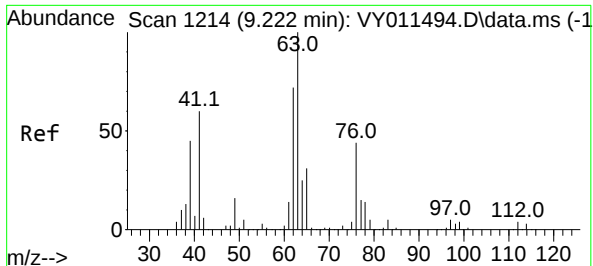
Tgt Ion: 43 Resp: 135642
Ion Ratio Lower Upper
43 100
61 30.2 20.2 30.2
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 50.851 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:130 Resp: 109104
Ion Ratio Lower Upper
130 100
95 95.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.687 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

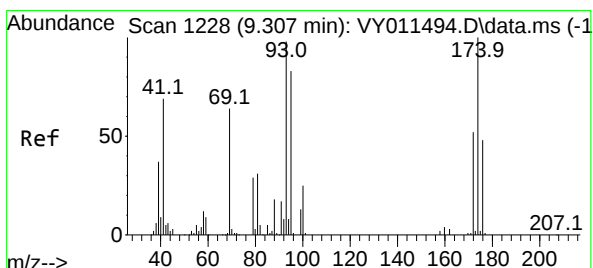
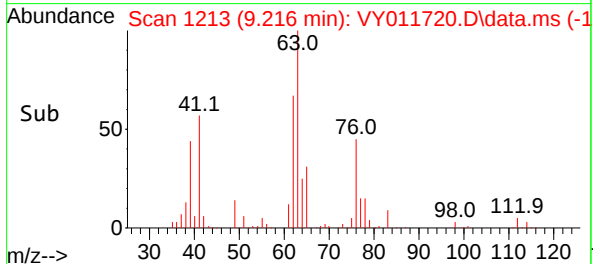
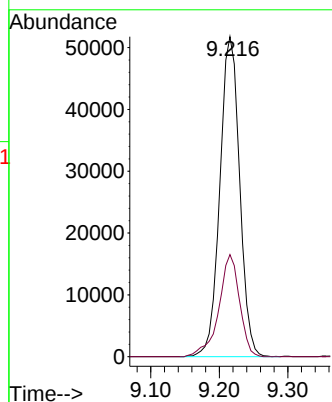
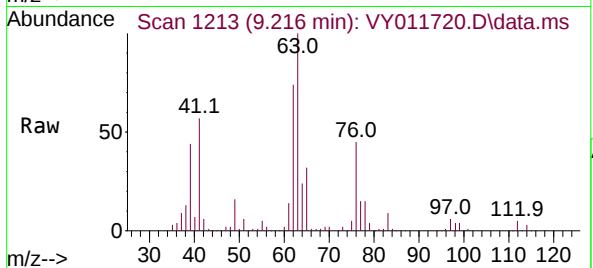
VSTDCCC050EC

Tgt Ion: 63 Resp: 103315

Ion Ratio Lower Upper

63 100

65 31.9 23.0 34.6



#46

Dibromomethane

Concen: 49.183 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

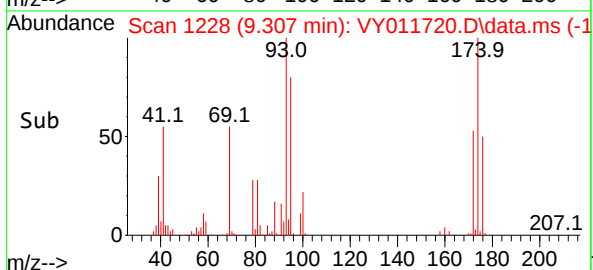
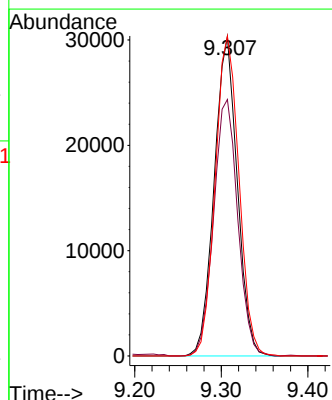
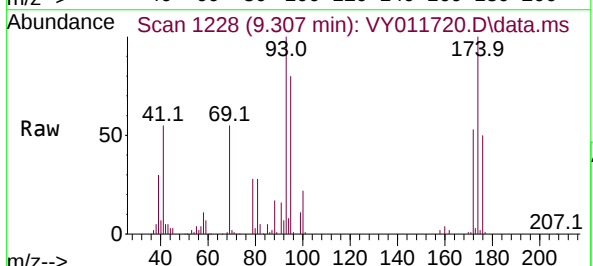
Tgt Ion: 93 Resp: 56054

Ion Ratio Lower Upper

93 100

95 83.9 64.3 96.5

174 103.2 83.4 125.0

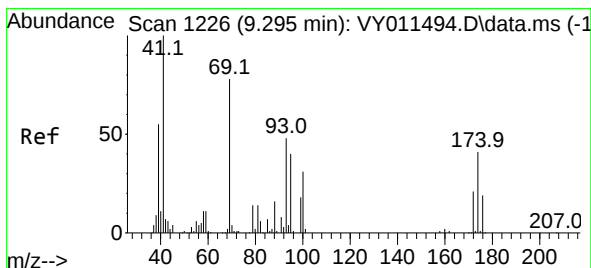
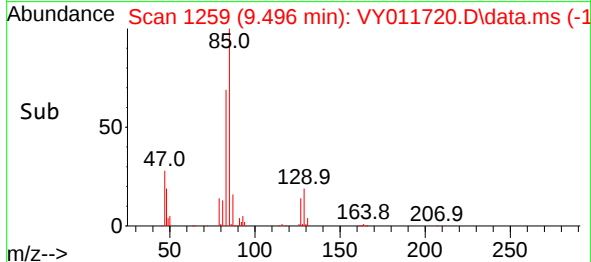
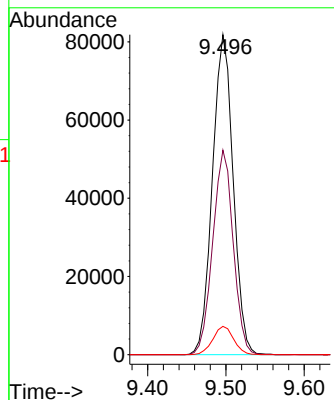
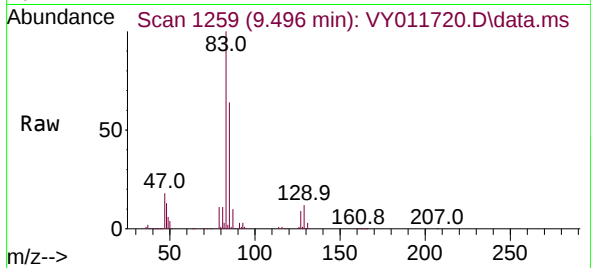




#47
Bromodichloromethane
Concen: 52.342 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

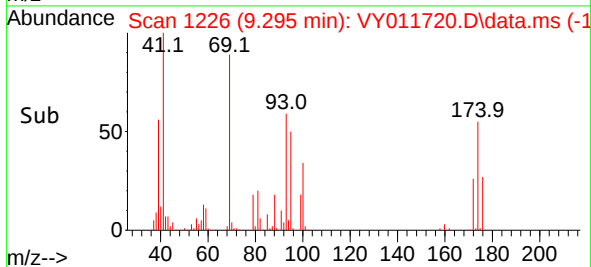
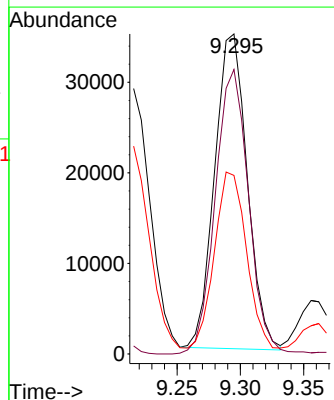
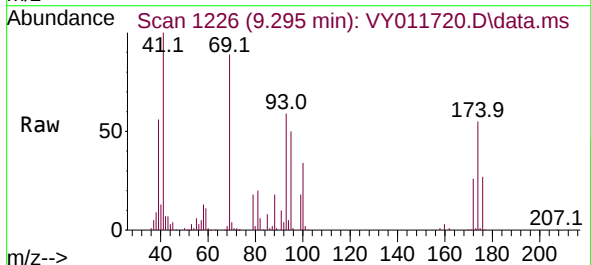
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

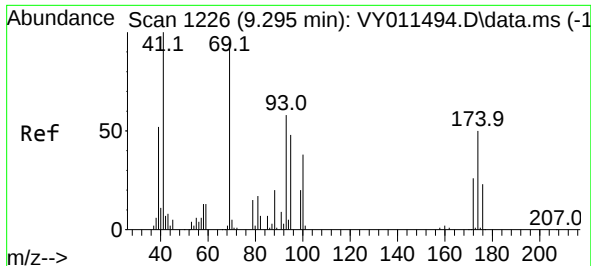
Tgt Ion: 83 Resp: 150262
Ion Ratio Lower Upper
83 100
85 63.9 51.9 77.9
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 49.875 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 41 Resp: 62299
Ion Ratio Lower Upper
41 100
69 92.7 58.2 87.2#
39 59.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1025.850 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

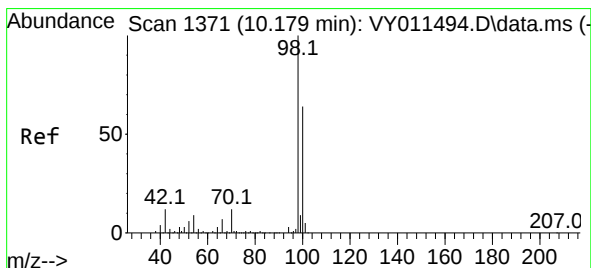
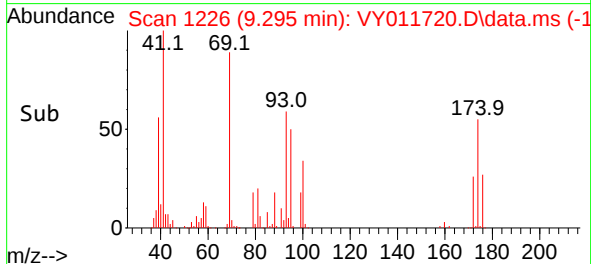
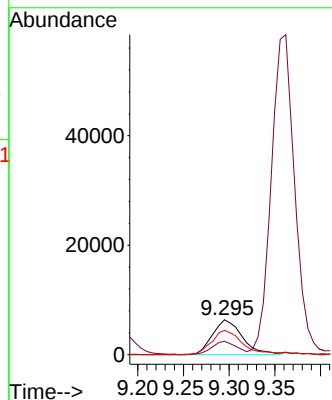
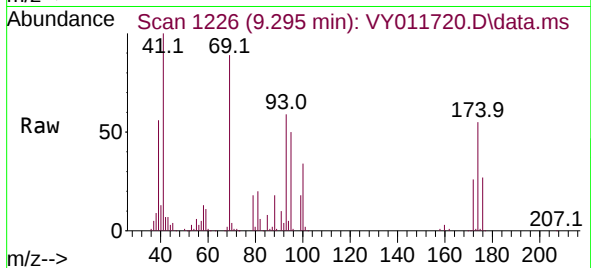
Tgt Ion: 88 Resp: 14479

Ion Ratio Lower Upper

88 100

43 32.3 32.8 49.2#

58 75.3 59.8 89.6



#50

Toluene-d8

Concen: 48.099 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011720.D

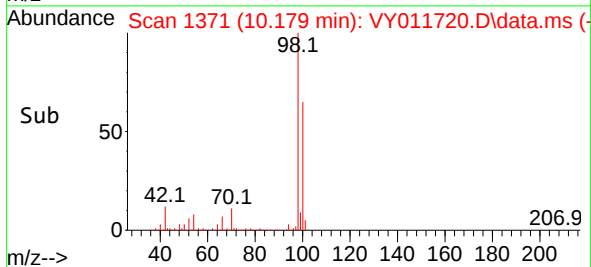
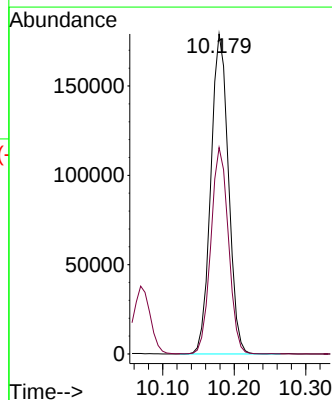
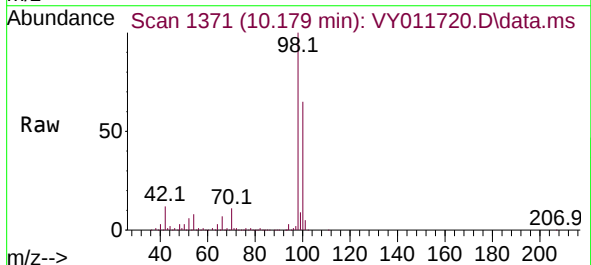
Acq: 06 Dec 2022 16:23

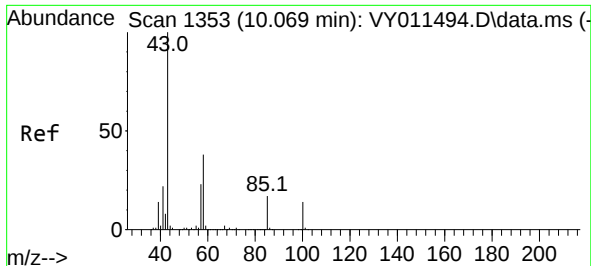
Tgt Ion: 98 Resp: 306109

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2

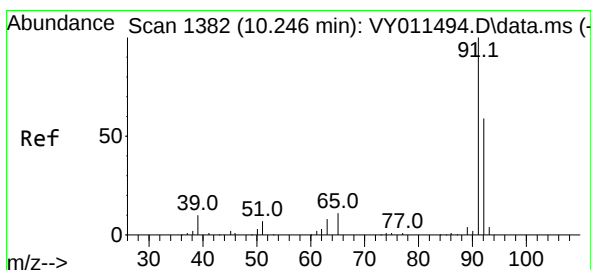
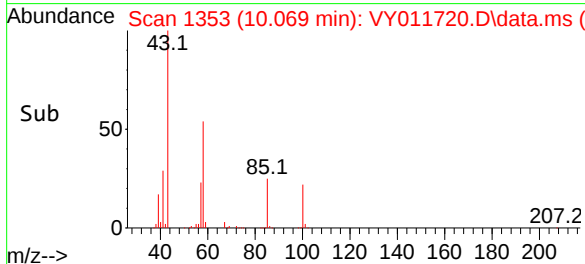
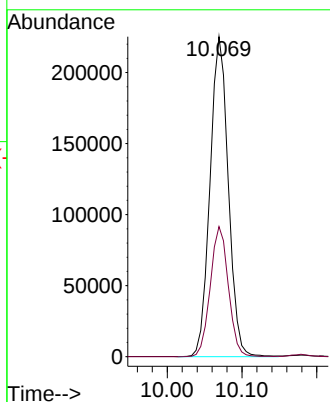
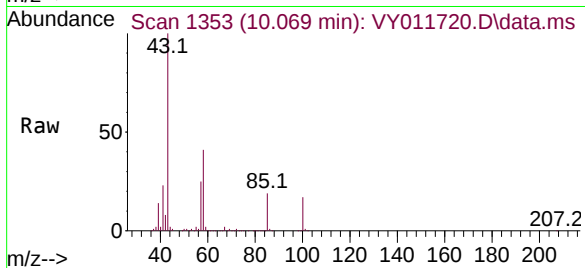




#51
4-Methyl-2-Pentanone
Concen: 244.718 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

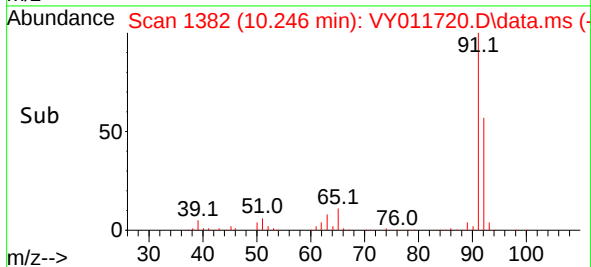
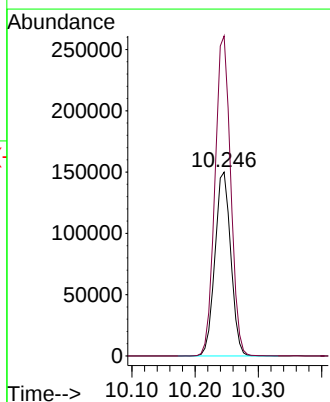
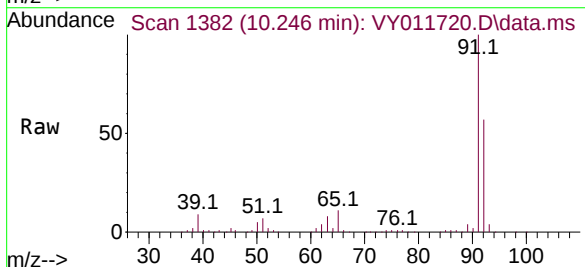
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

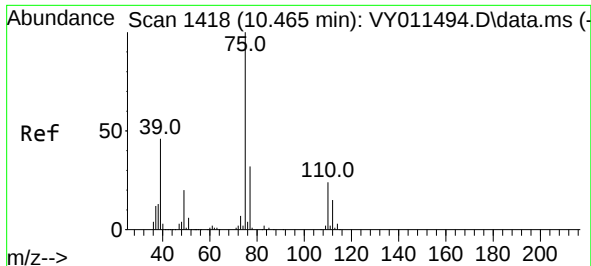
Tgt Ion: 43 Resp: 382562
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1



#52
Toluene
Concen: 51.433 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 92 Resp: 259366
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8

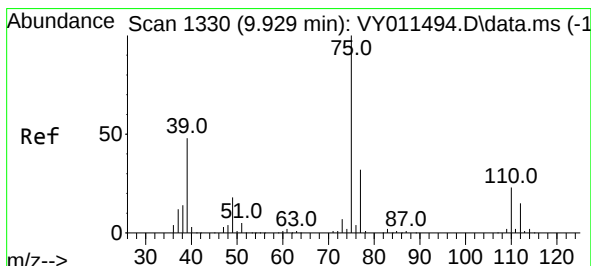
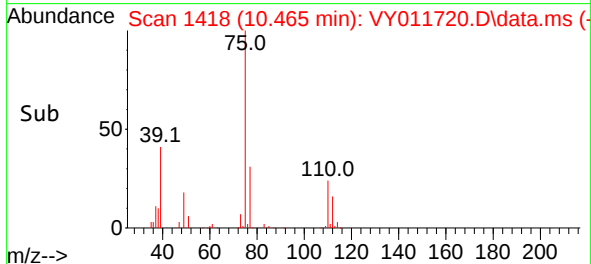
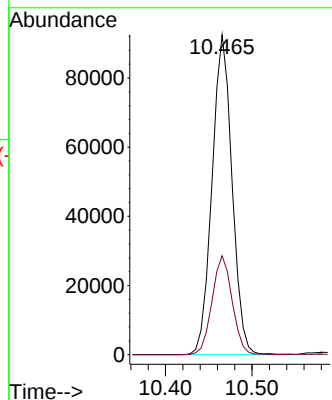
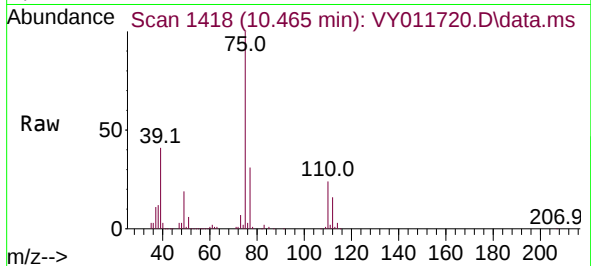




#53
t-1,3-Dichloropropene
Concen: 51.645 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

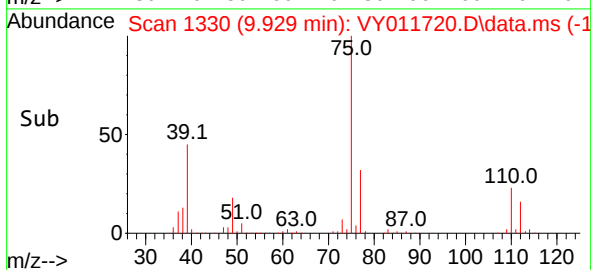
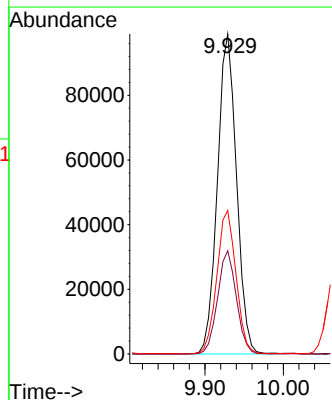
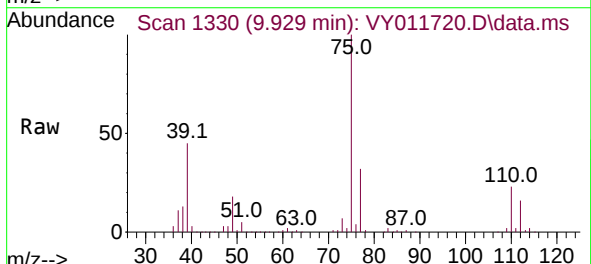
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

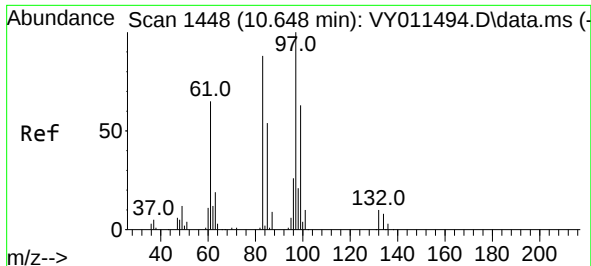
Tgt Ion: 75 Resp: 148202
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.017 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 75 Resp: 167923
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
39 44.7 47.6 71.4#

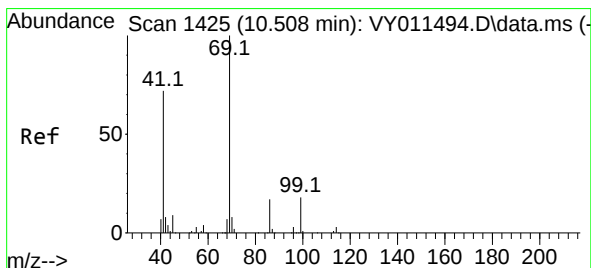
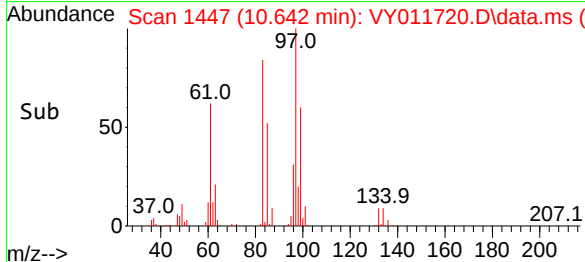
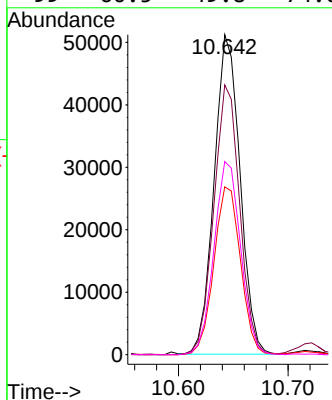
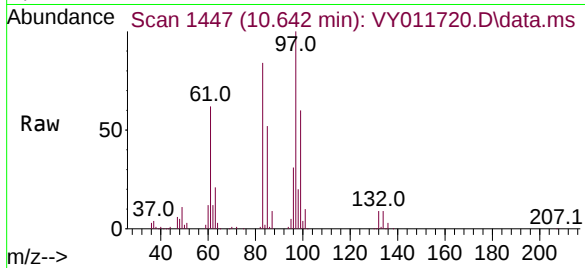




#55
1,1,2-Trichloroethane
Concen: 51.576 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

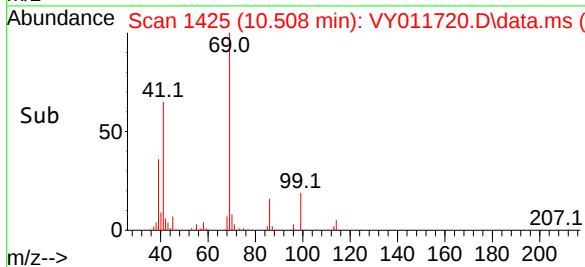
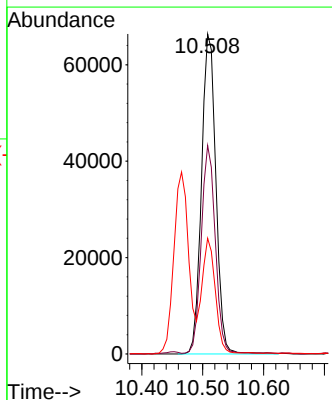
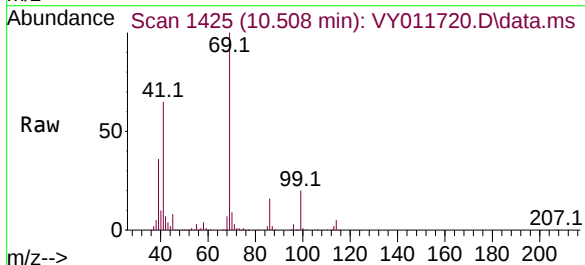
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

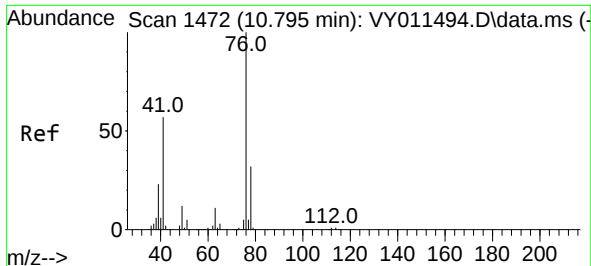
Tgt Ion: 97	Resp: 84096
Ion Ratio	Lower Upper
97 100	
83 84.5	69.8 104.8
85 52.5	44.3 66.5
99 60.5	49.8 74.6



#56
Ethyl methacrylate
Concen: 53.655 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 69	Resp: 108807
Ion Ratio	Lower Upper
69 100	
41 63.4	63.4 95.0
39 32.5	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 50.553 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

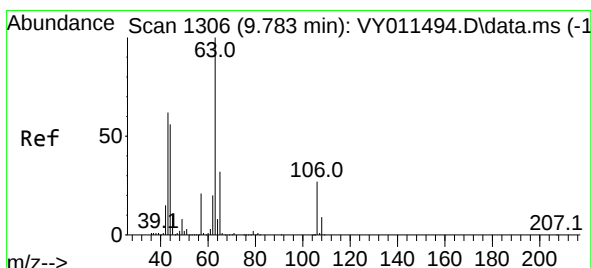
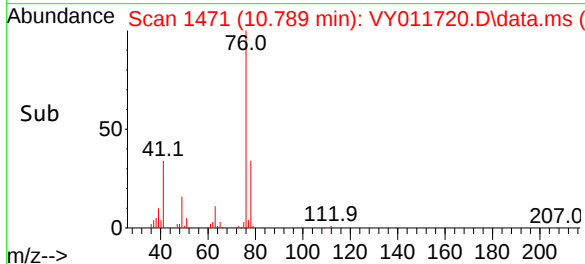
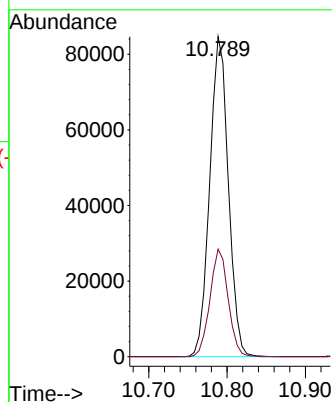
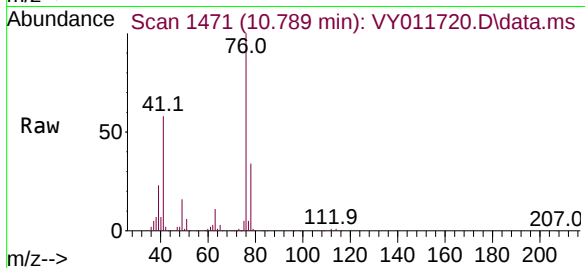
VSTDCCC050EC

Tgt Ion: 76 Resp: 139600

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.568 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011720.D

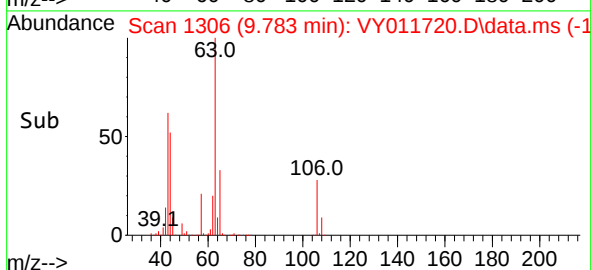
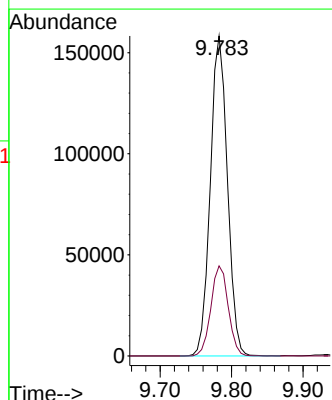
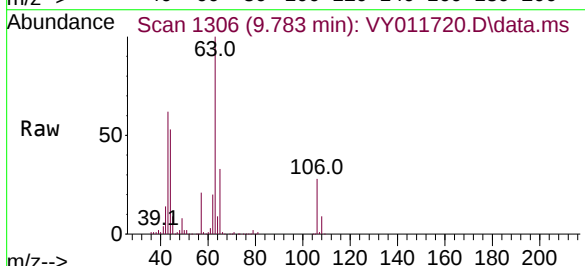
Acq: 06 Dec 2022 16:23

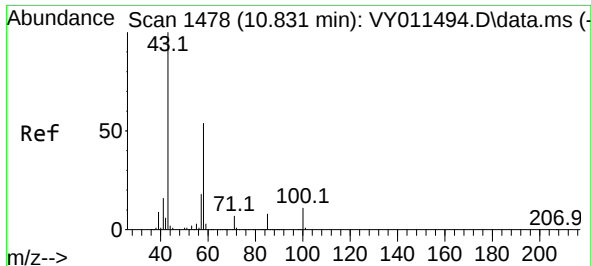
Tgt Ion: 63 Resp: 262760

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

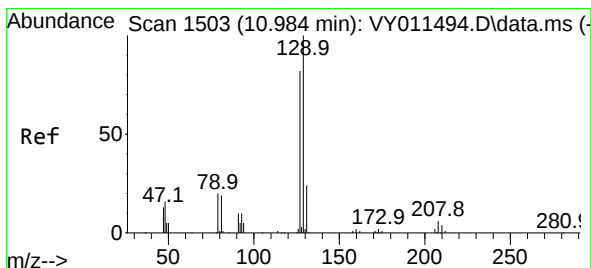
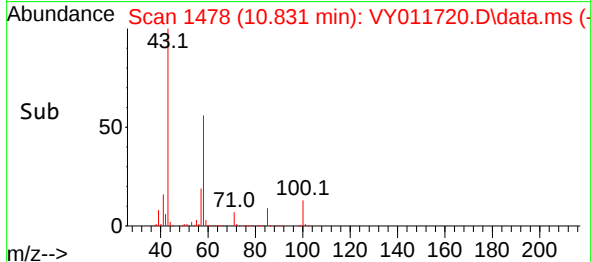
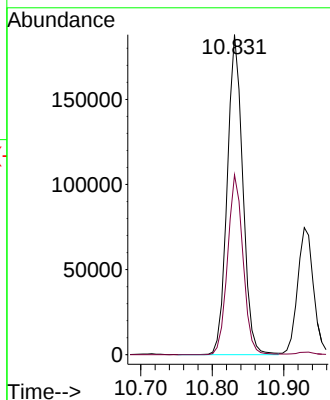
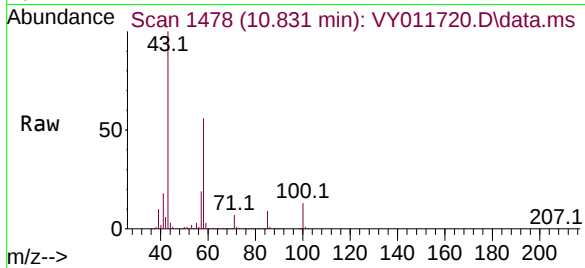




#59
2-Hexanone
Concen: 253.965 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

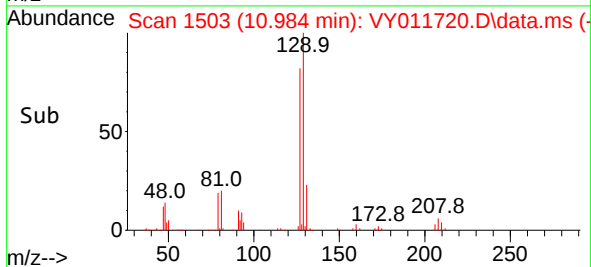
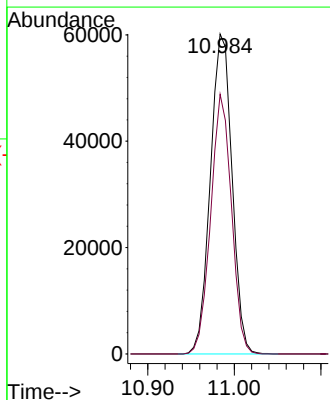
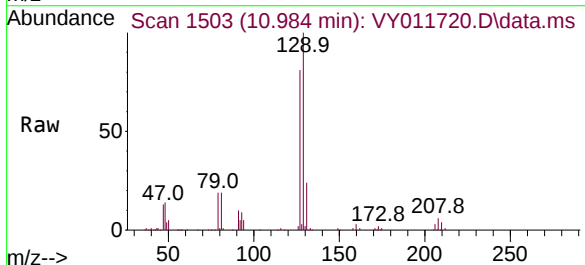
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

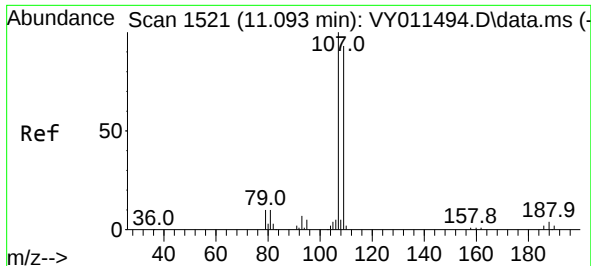
Tgt Ion: 43 Resp: 283361
Ion Ratio Lower Upper
43 100
58 55.8 24.4 73.4



#60
Dibromochloromethane
Concen: 52.379 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 129 Resp: 104665
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

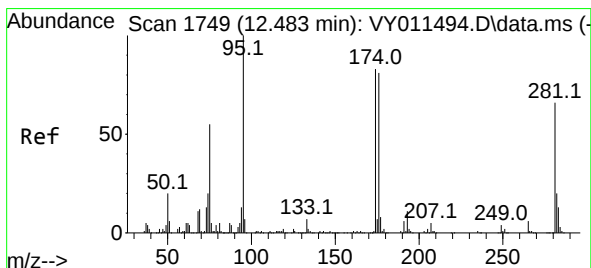
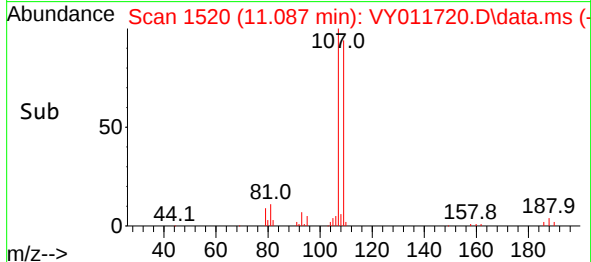
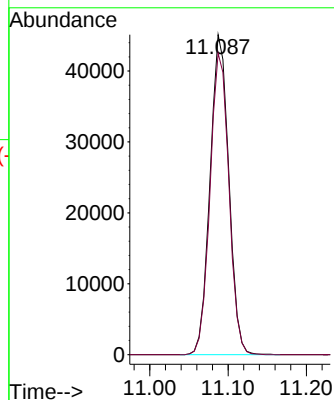
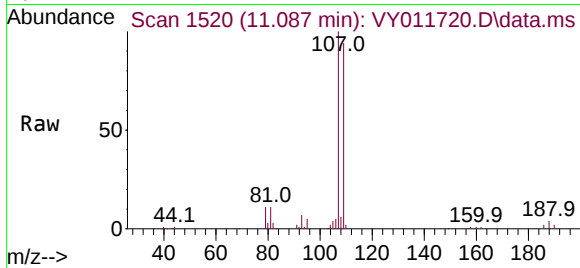




#61
1,2-Dibromoethane
Concen: 50.409 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

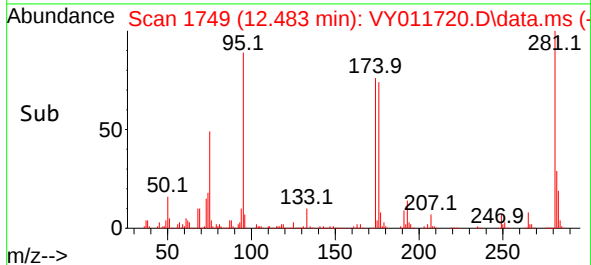
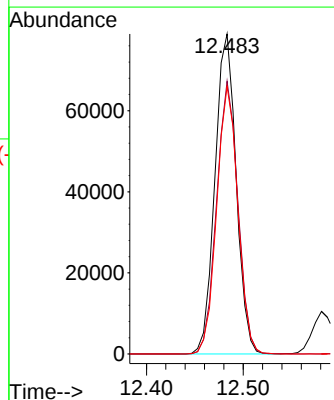
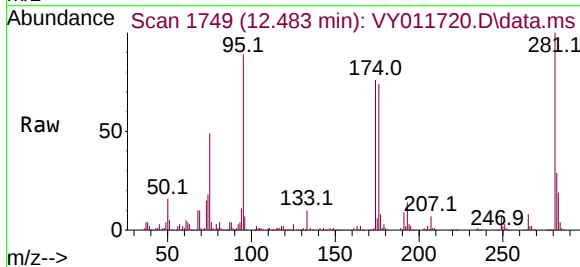
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

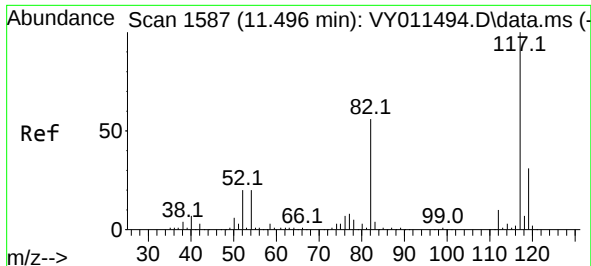
Tgt Ion:107 Resp: 75024
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 95 Resp: 120007
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.3 0.0 175.8

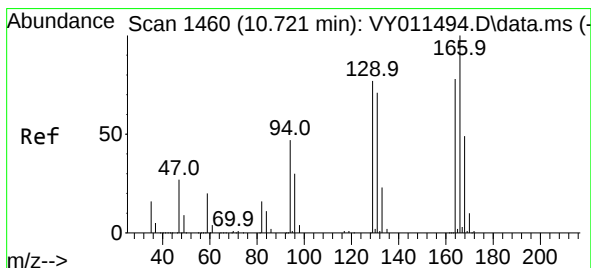
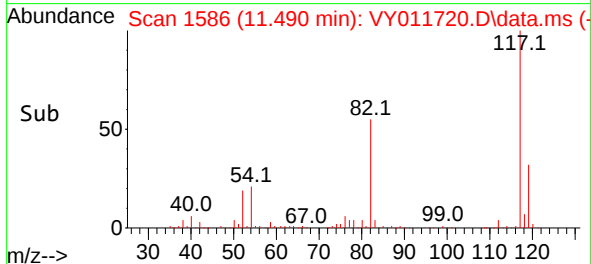
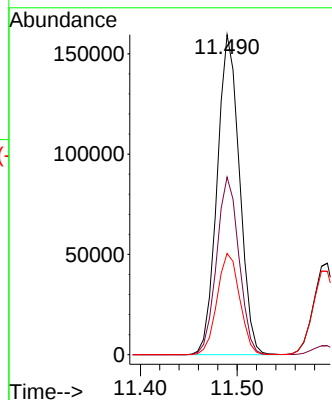
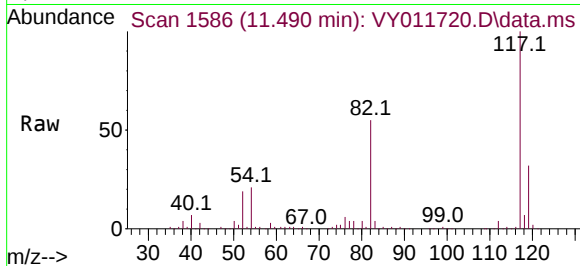




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

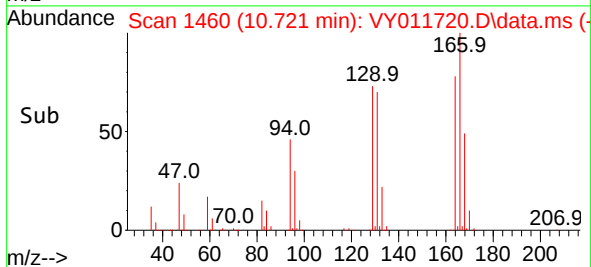
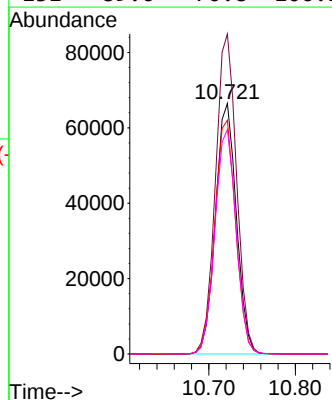
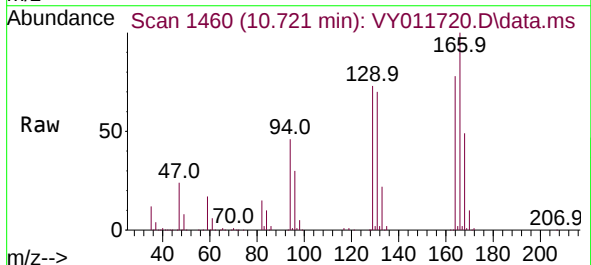
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

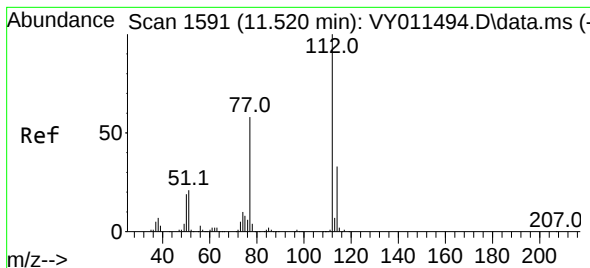
Tgt Ion:117 Resp: 255831
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 52.871 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:164 Resp: 111462
Ion Ratio Lower Upper
164 100
166 127.7 100.4 150.6
129 93.3 71.4 107.0
131 89.6 70.8 106.2

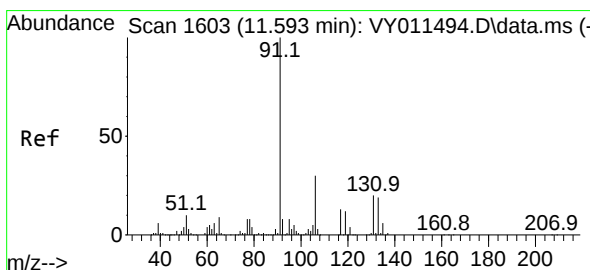
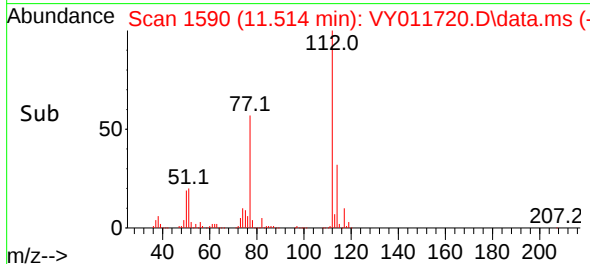
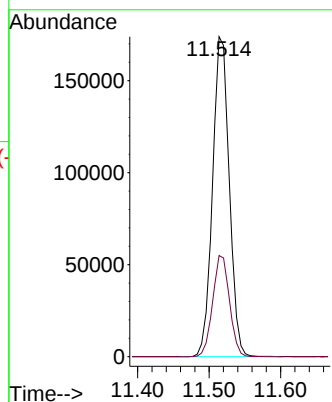
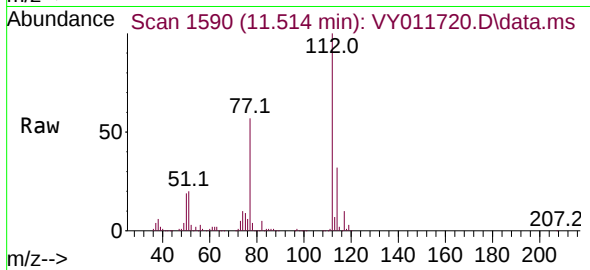




#65
Chlorobenzene
Concen: 52.555 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

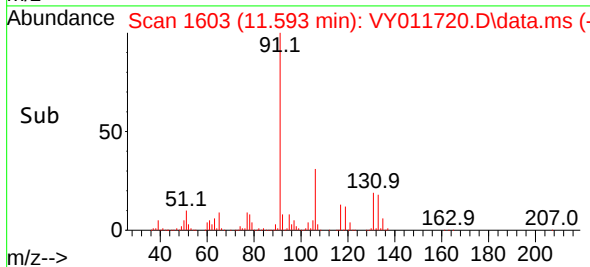
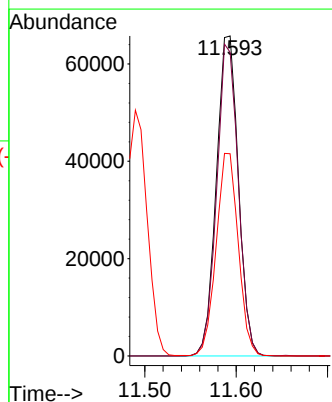
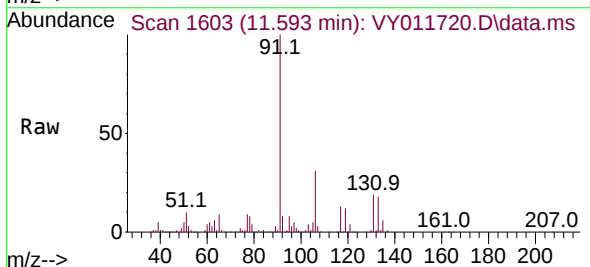
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

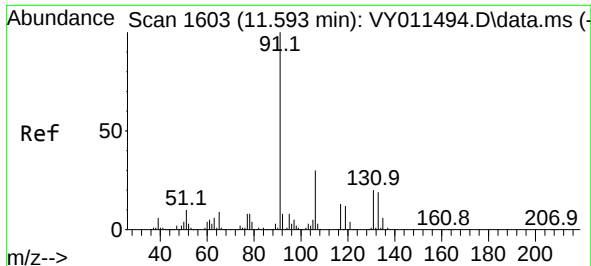
Tgt Ion:112 Resp: 281545
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.256 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:131 Resp: 110164
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 63.6 30.8 92.3





#67

Ethyl Benzene

Concen: 52.877 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

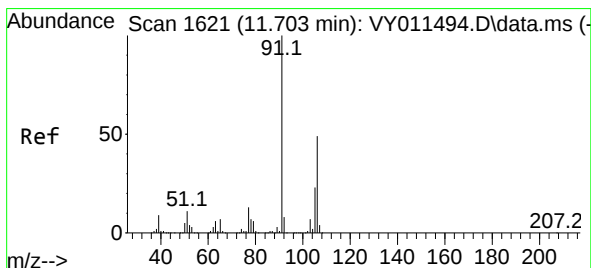
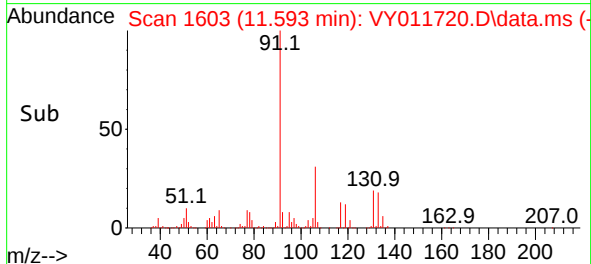
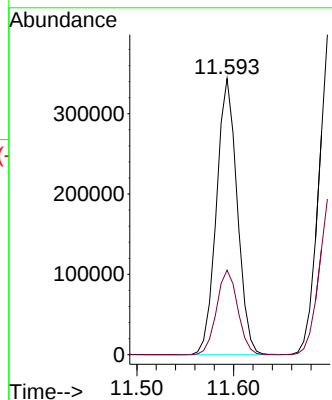
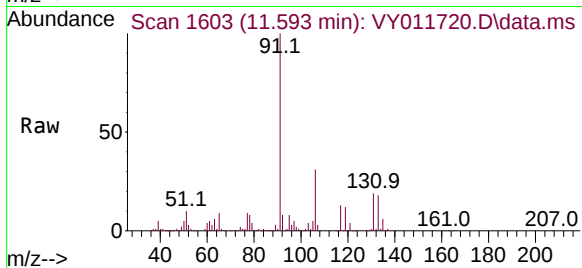
VSTDCCC050EC

Tgt Ion: 91 Resp: 511468

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 106.345 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011720.D

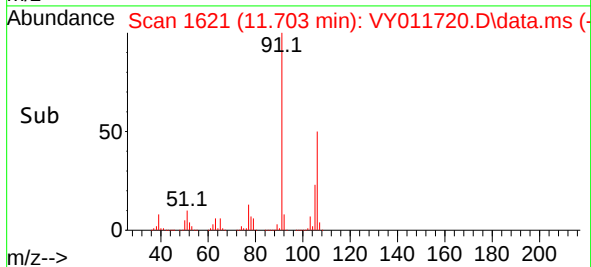
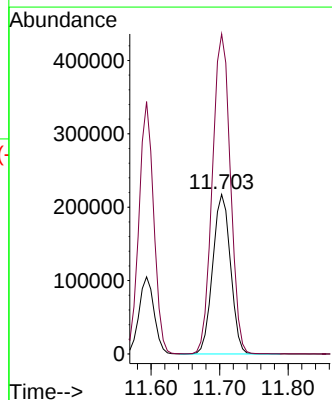
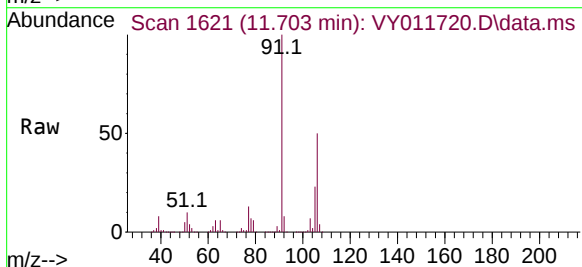
Acq: 06 Dec 2022 16:23

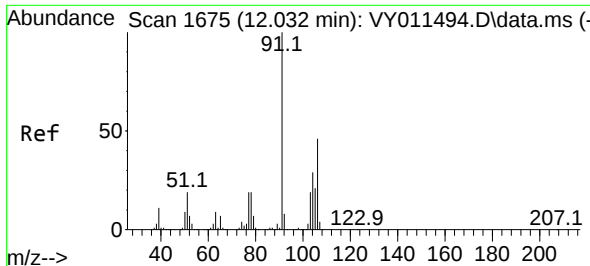
Tgt Ion:106 Resp: 391576

Ion Ratio Lower Upper

106 100

91 203.6 166.6 249.8

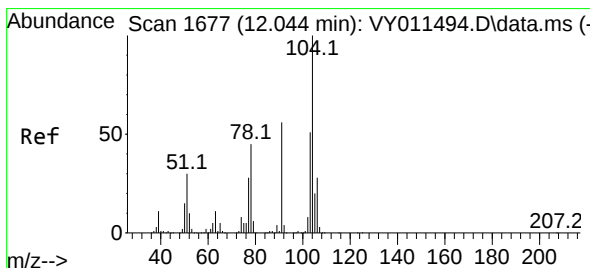
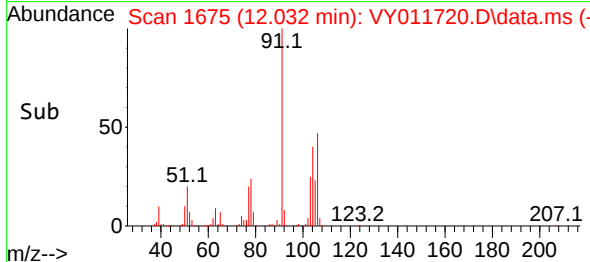
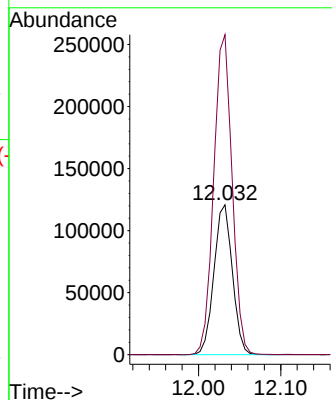
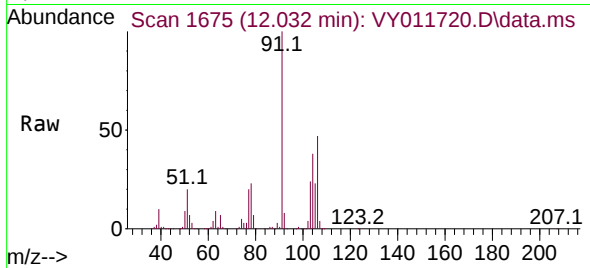




#69
o-Xylene
Concen: 54.869 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

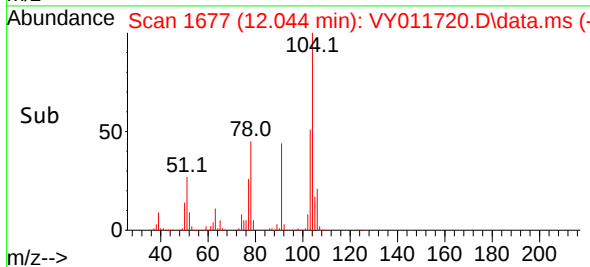
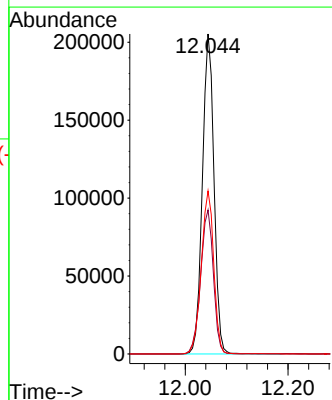
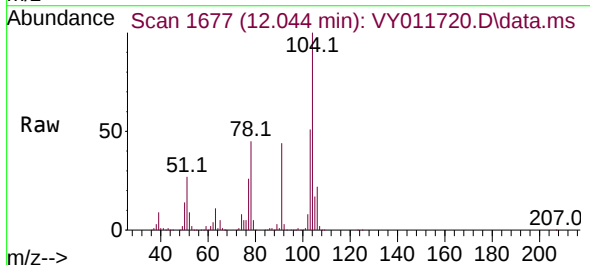
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

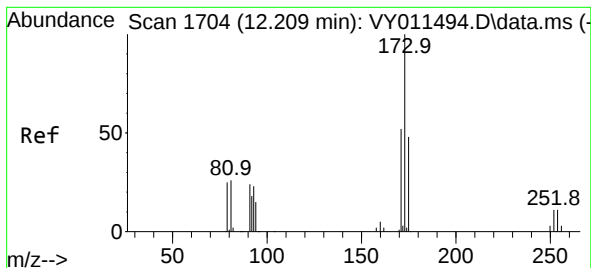
Tgt Ion:106 Resp: 188101
Ion Ratio Lower Upper
106 100
91 213.0 110.3 331.0



#70
Styrene
Concen: 54.832 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:104 Resp: 320866
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 54.9 44.4 66.6





#71

Bromoform

Concen: 53.118 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

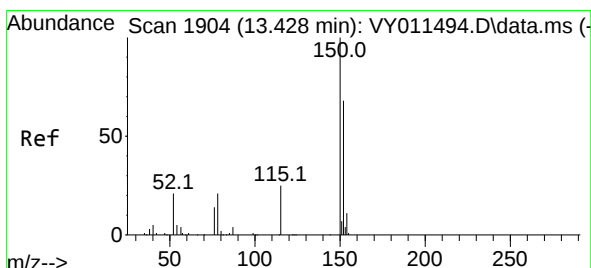
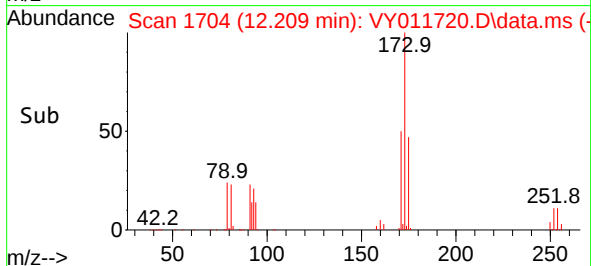
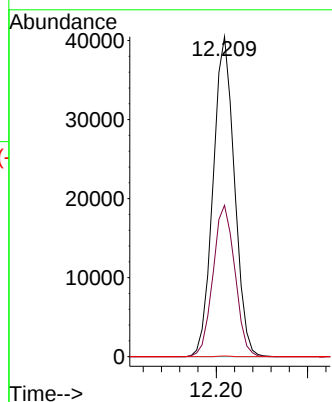
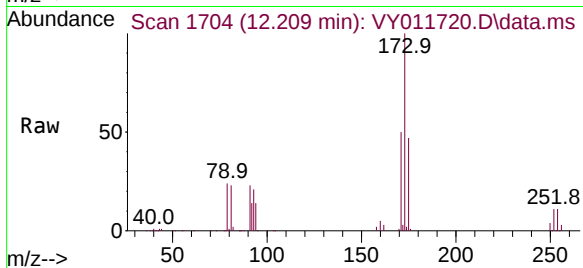
Tgt Ion:173 Resp: 65615

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

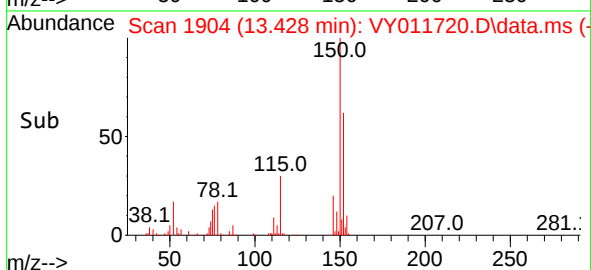
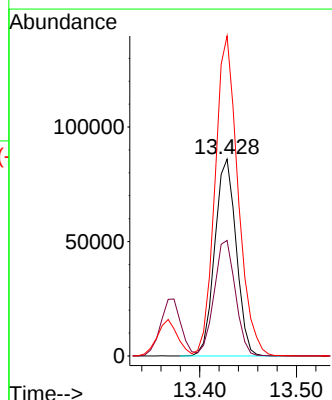
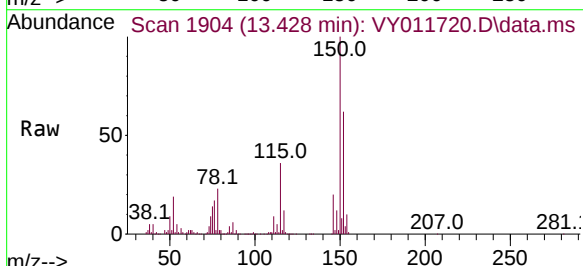
Tgt Ion:152 Resp: 131806

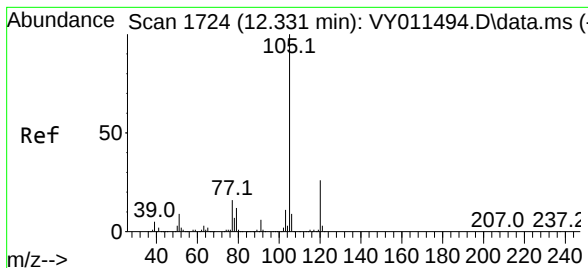
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 175.2 0.0 347.6





#73

Isopropylbenzene

Concen: 53.901 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

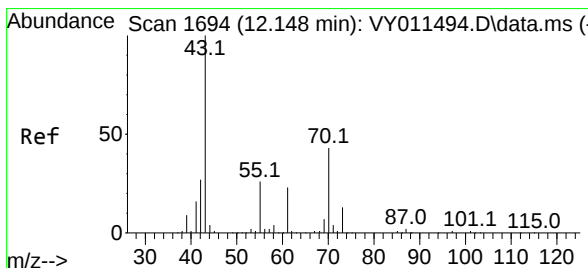
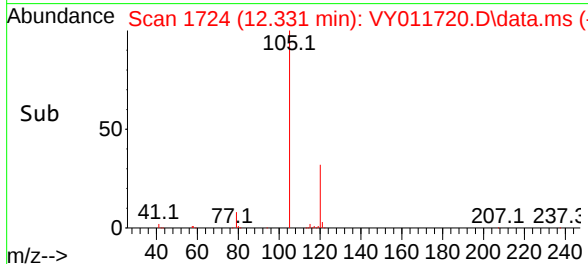
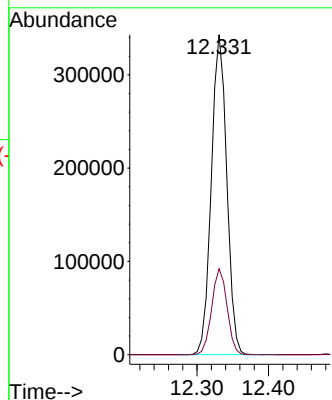
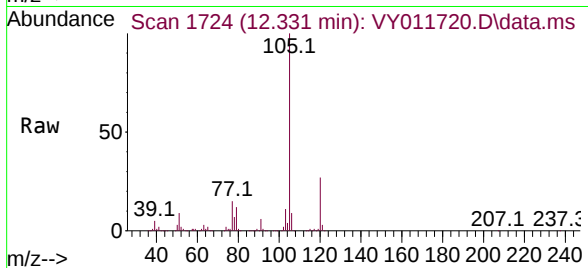
VSTDCCC050EC

Tgt Ion:105 Resp: 513808

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 49.556 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Tgt Ion: 43 Resp: 116655

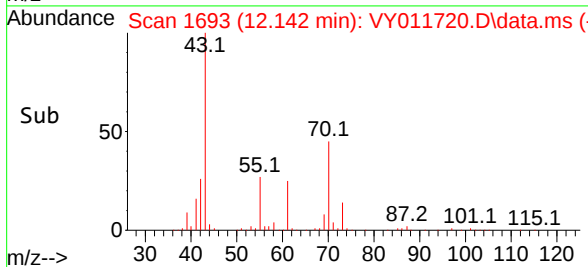
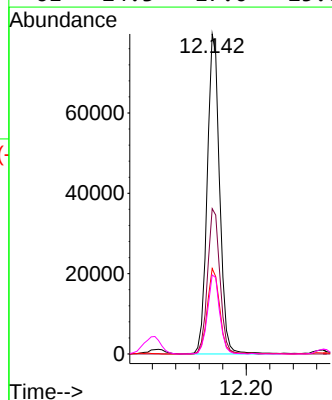
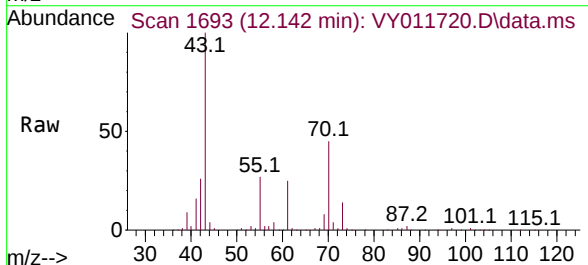
Ion Ratio Lower Upper

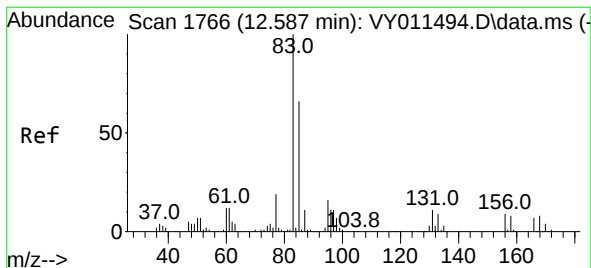
43 100

70 45.3 28.7 43.1#

55 27.0 17.3 25.9#

61 24.3 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.317 ug/l

RT: 12.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

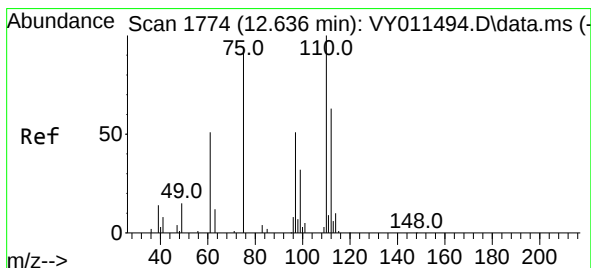
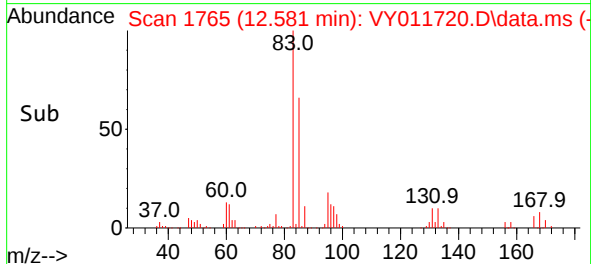
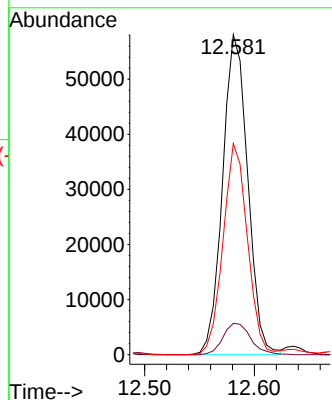
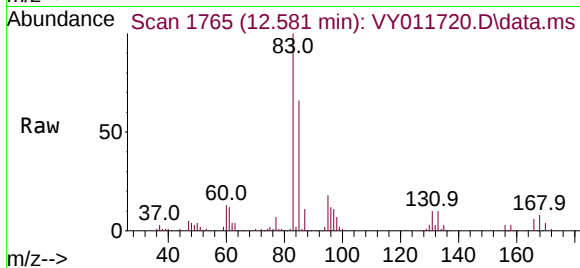
Tgt Ion: 83 Resp: 92637

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 63.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 88.863 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY011720.D

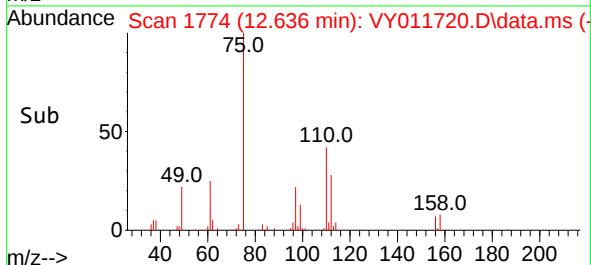
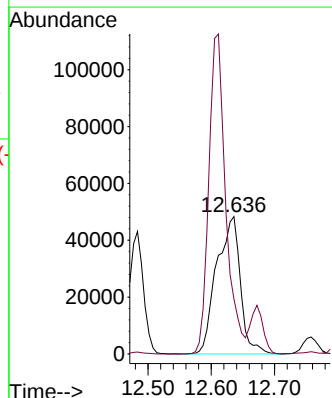
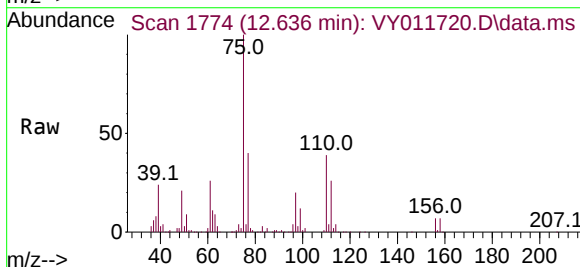
Acq: 06 Dec 2022 16:23

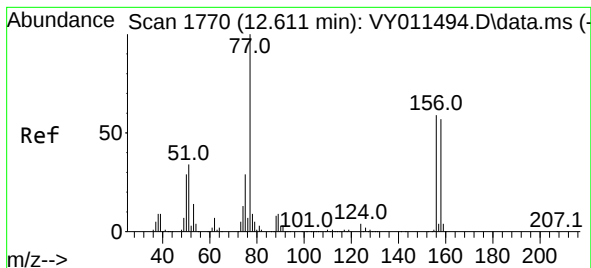
Tgt Ion: 75 Resp: 126138

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.718 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

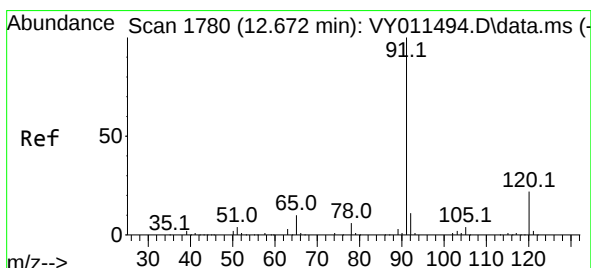
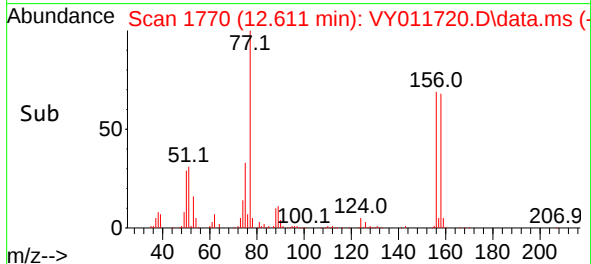
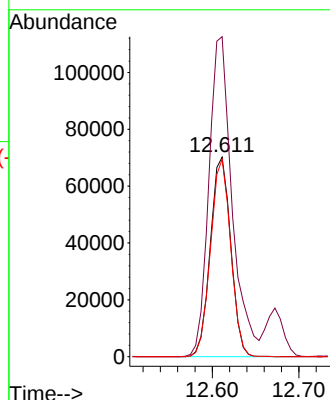
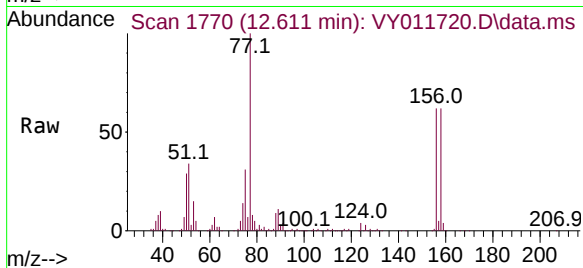
Tgt Ion:156 Resp: 115117

Ion Ratio Lower Upper

156 100

77 182.3 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 53.250 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011720.D

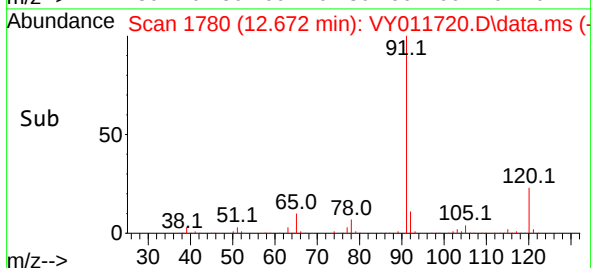
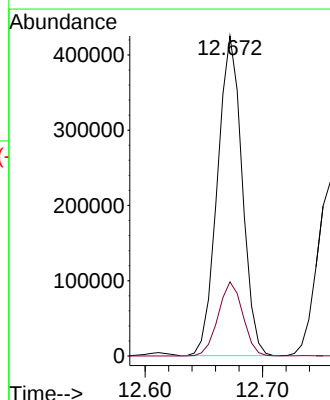
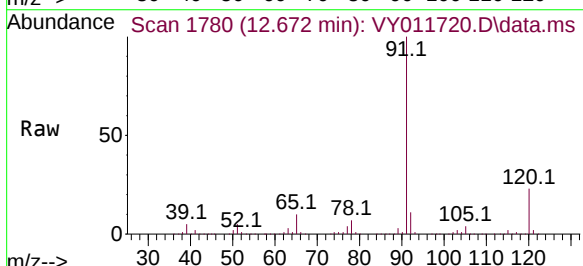
Acq: 06 Dec 2022 16:23

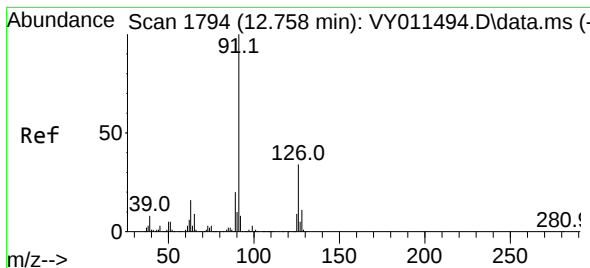
Tgt Ion: 91 Resp: 619269

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

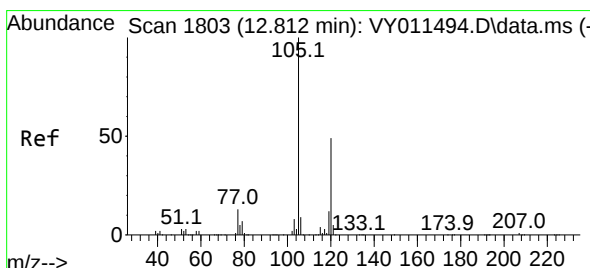
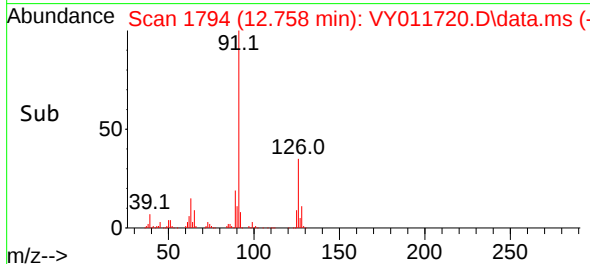
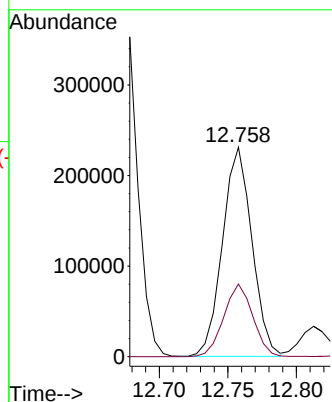
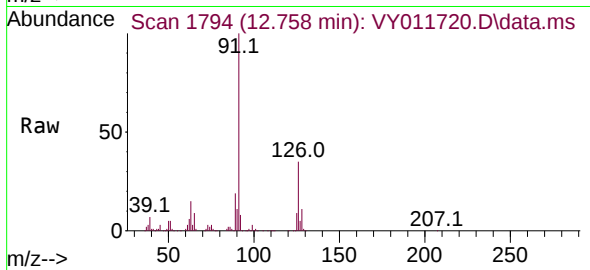




#79
2-Chlorotoluene
Concen: 52.621 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

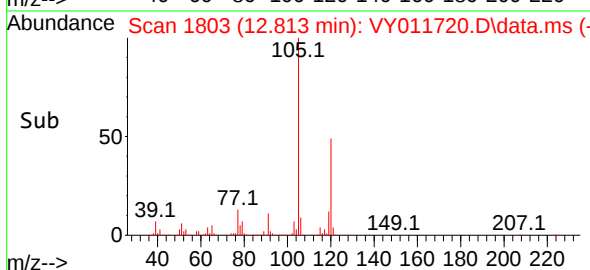
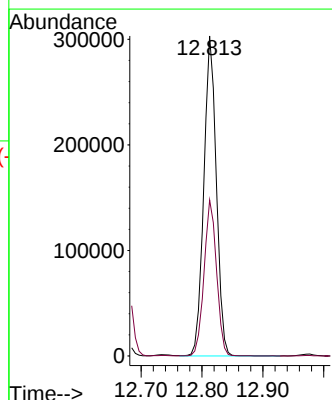
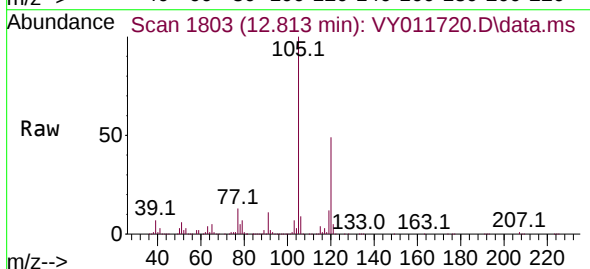
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

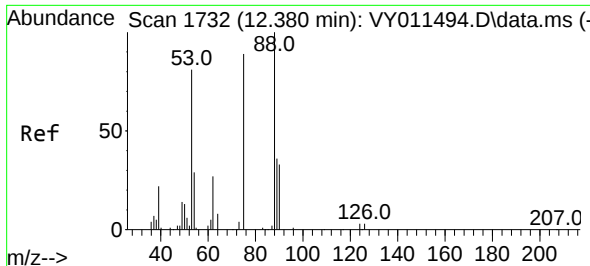
Tgt Ion: 91 Resp: 344922
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 53.866 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 105 Resp: 432836
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.4

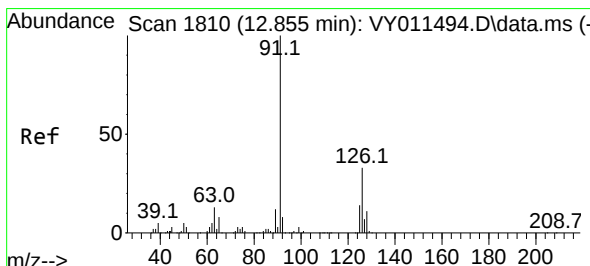
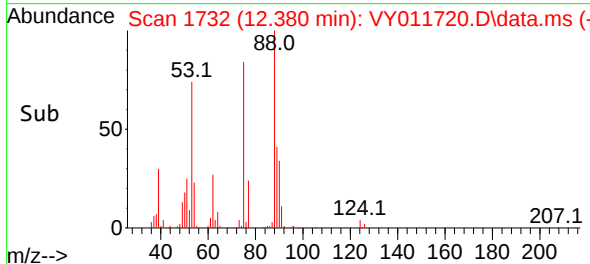
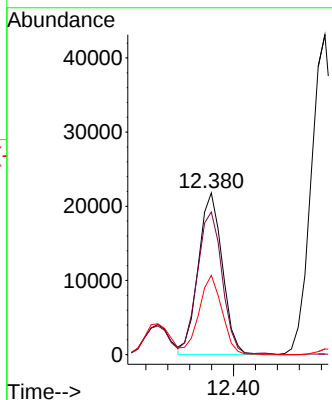
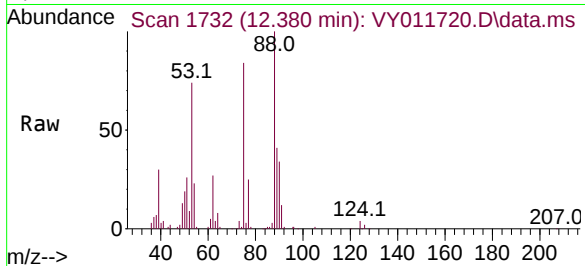




#81
trans-1,4-Dichloro-2-butene
Concen: 51.102 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

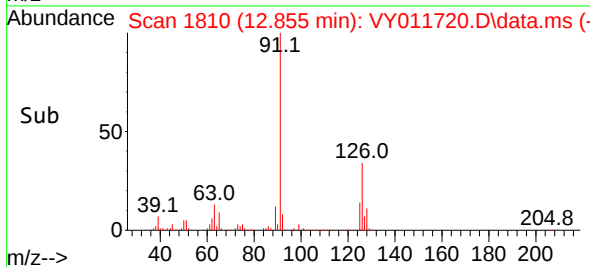
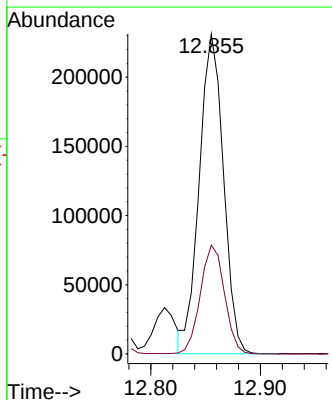
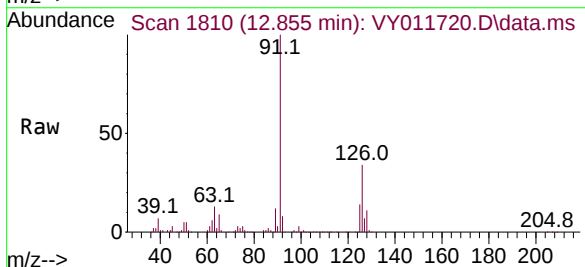
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

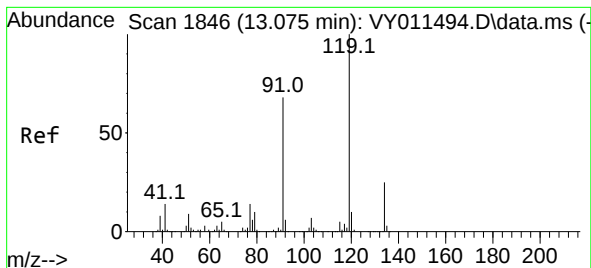
Tgt Ion: 75 Resp: 33117
Ion Ratio Lower Upper
75 100
53 92.1 85.3 127.9
89 47.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.654 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 91 Resp: 354035
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 54.040 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

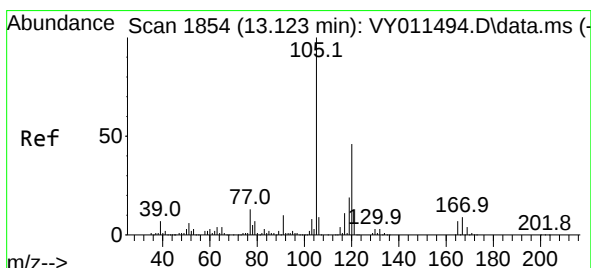
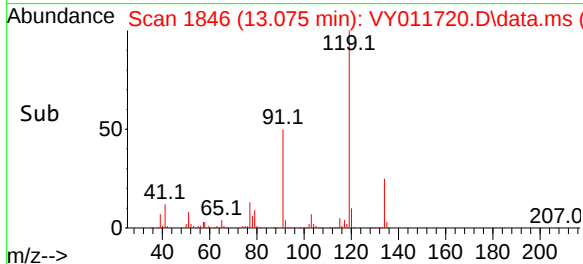
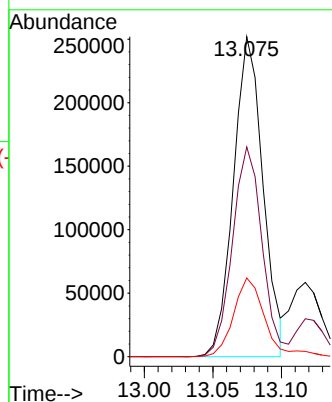
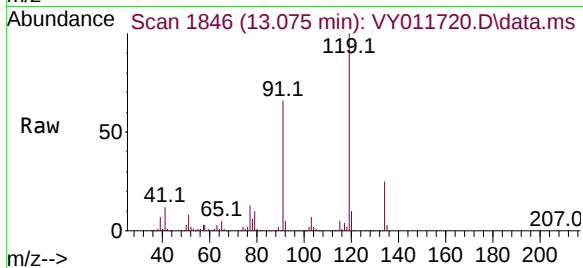
Tgt Ion:119 Resp: 378229

Ion Ratio Lower Upper

119 100

91 66.0 34.8 104.4

134 26.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.629 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY011720.D

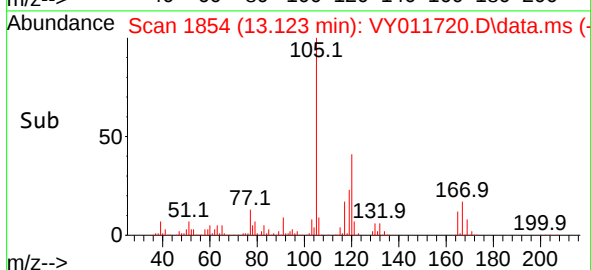
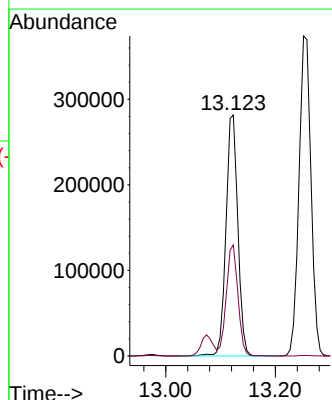
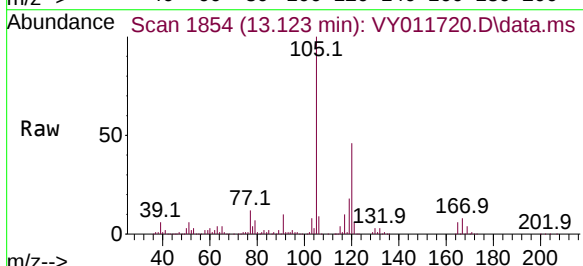
Acq: 06 Dec 2022 16:23

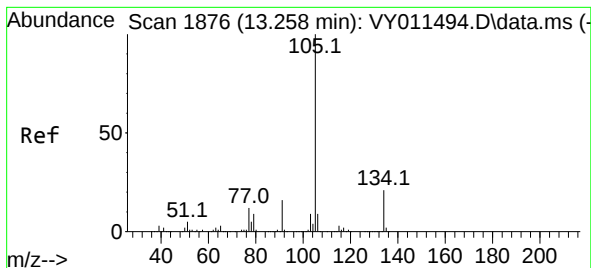
Tgt Ion:105 Resp: 425616

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.134 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.007 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

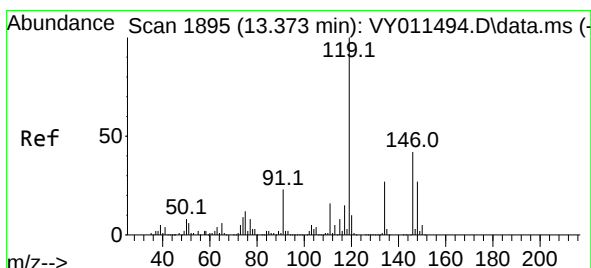
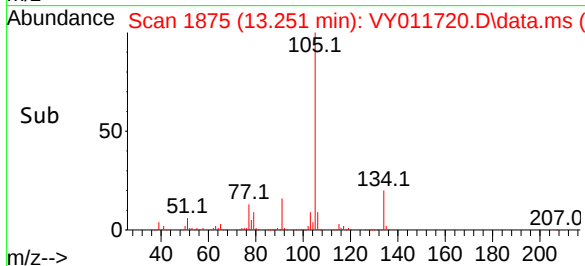
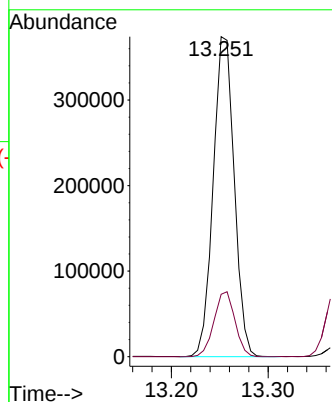
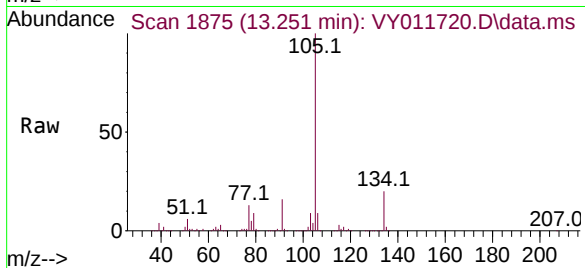
VSTDCCC050EC

Tgt Ion:105 Resp: 565321

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.922 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

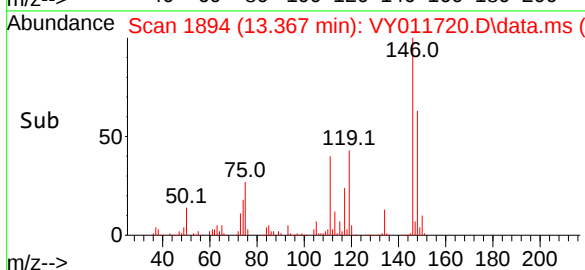
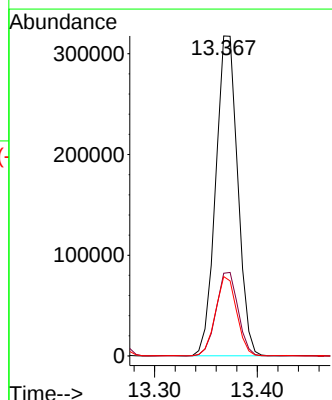
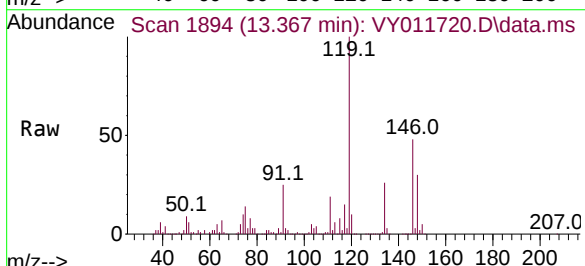
Tgt Ion:119 Resp: 469956

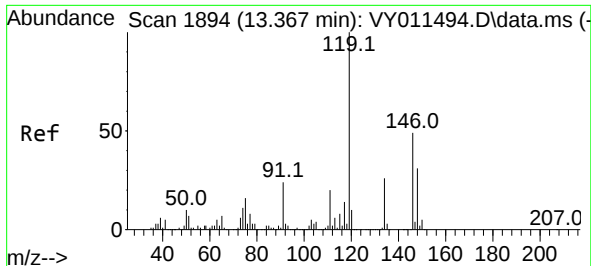
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.9 12.4 37.2

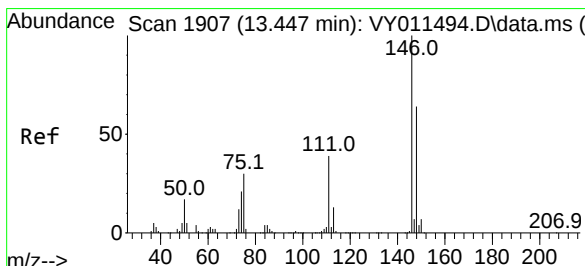
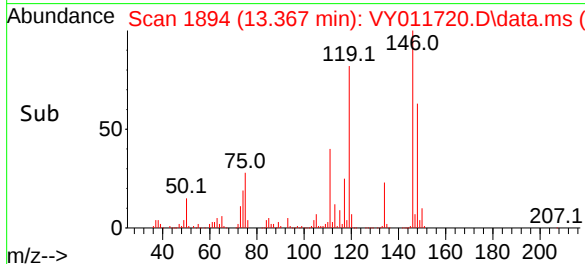
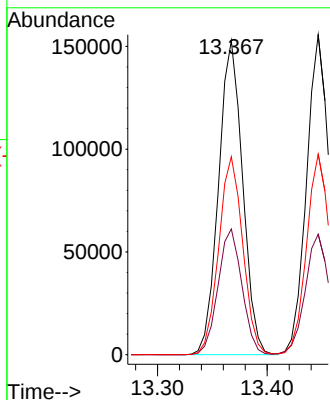
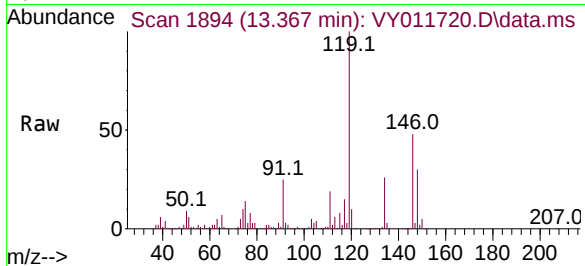




#87
1,3-Dichlorobenzene
Concen: 51.477 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

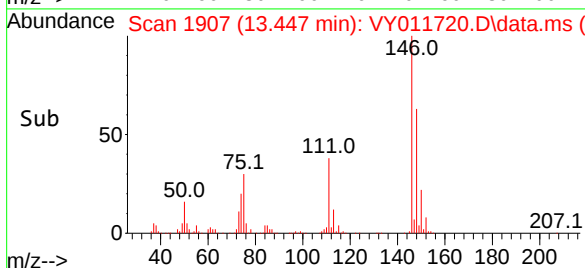
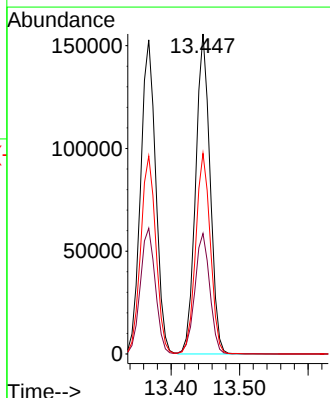
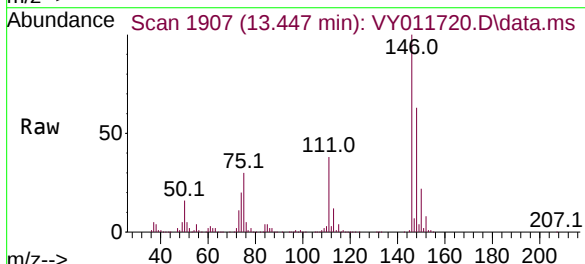
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

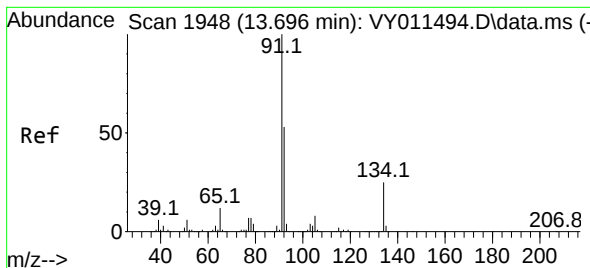
Tgt Ion:146 Resp: 233245
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 63.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 50.476 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion:146 Resp: 228696
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.8
148 63.5 32.6 97.8





#89

n-Butylbenzene

Concen: 54.084 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

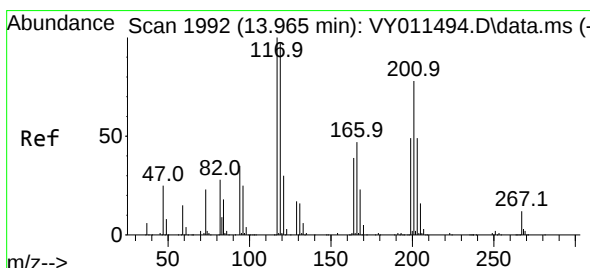
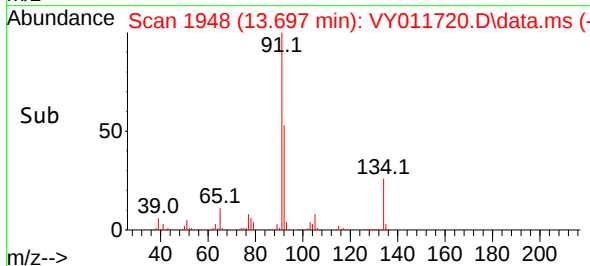
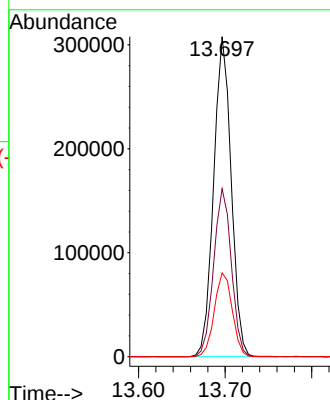
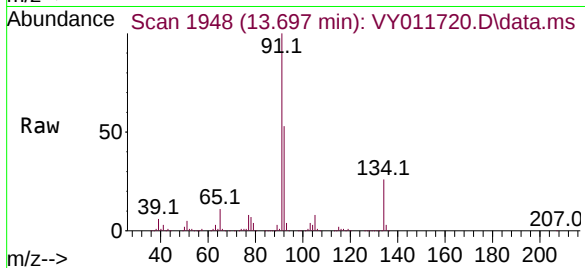
Tgt Ion: 91 Resp: 433311

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 51.644 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY011720.D

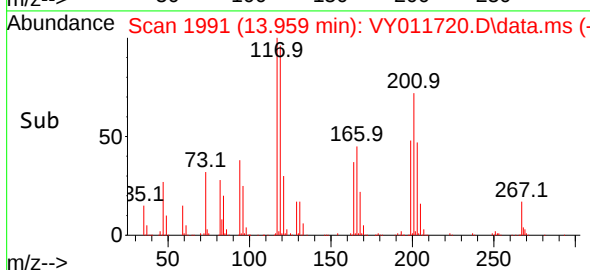
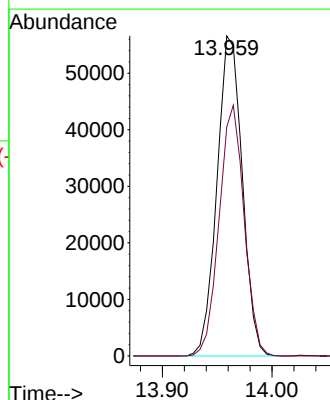
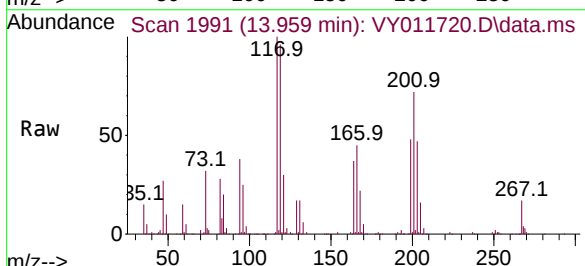
Acq: 06 Dec 2022 16:23

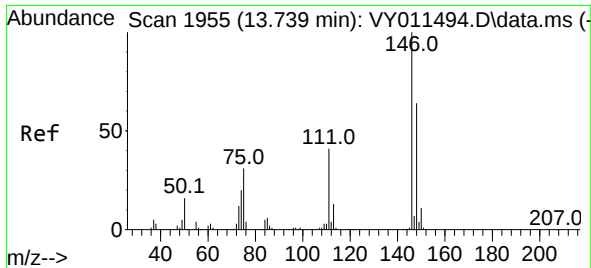
Tgt Ion: 117 Resp: 90892

Ion Ratio Lower Upper

117 100

201 77.3 43.0 128.8

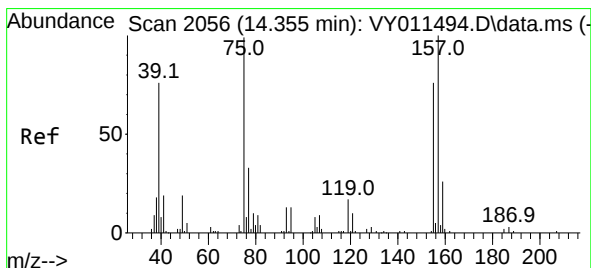
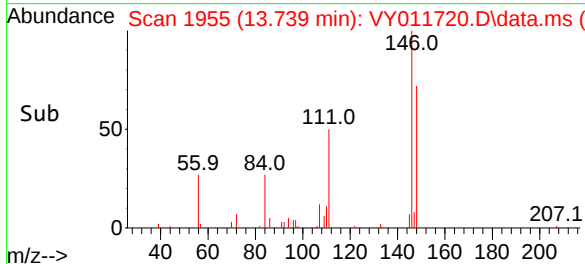
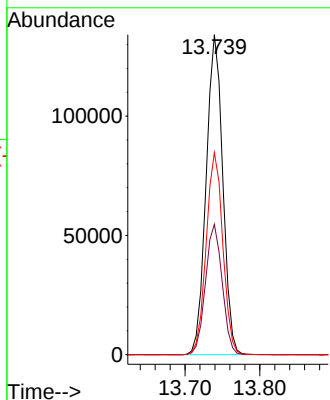
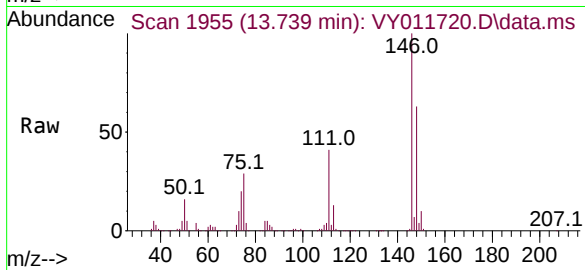




#91
1,2-Dichlorobenzene
Concen: 51.602 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

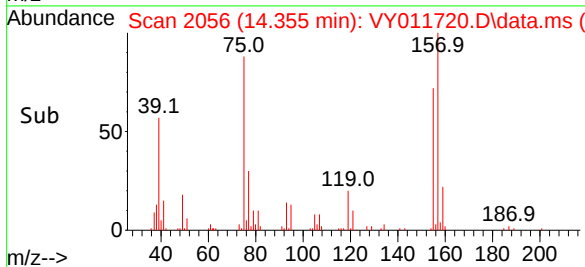
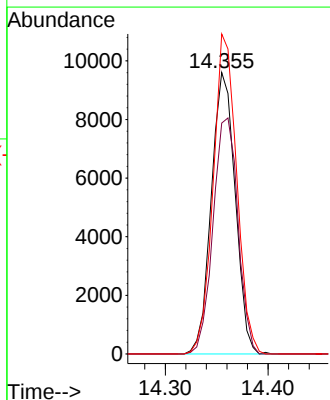
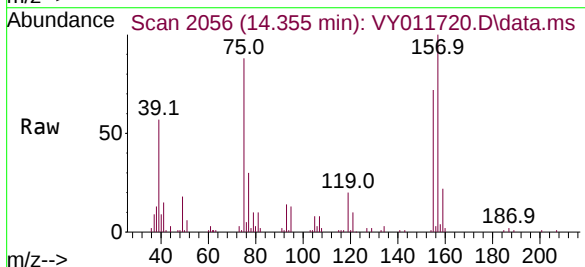
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

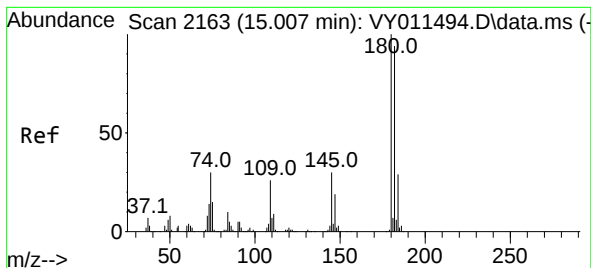
Tgt Ion:146 Resp: 207257
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 63.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.235 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011720.D
Acq: 06 Dec 2022 16:23

Tgt Ion: 75 Resp: 15475
Ion Ratio Lower Upper
75 100
155 87.3 38.0 113.9
157 112.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 56.202 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

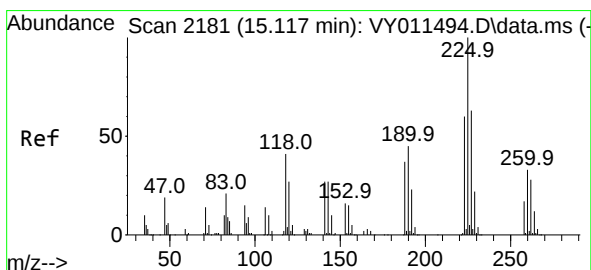
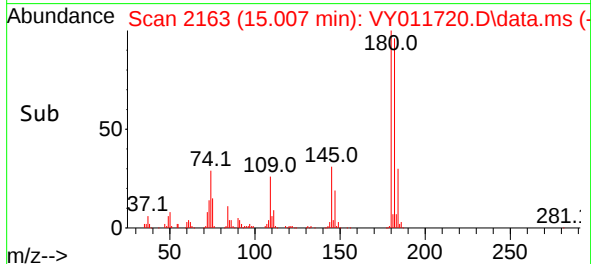
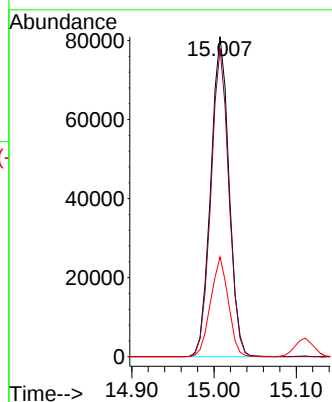
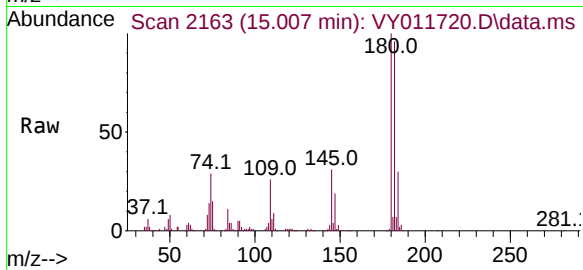
Tgt Ion:180 Resp: 125207

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 58.021 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

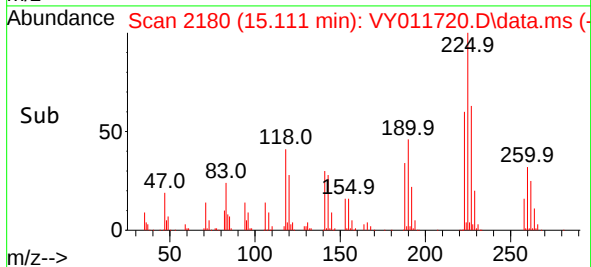
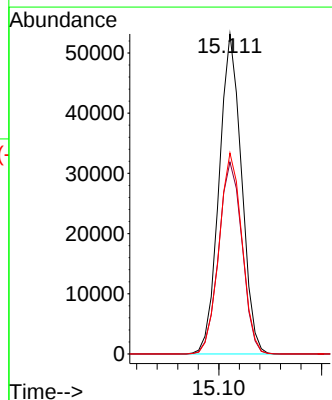
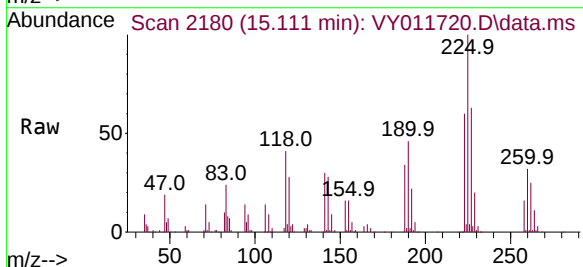
Tgt Ion:225 Resp: 80349

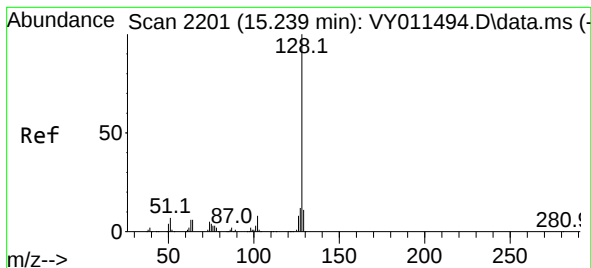
Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 52.018 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

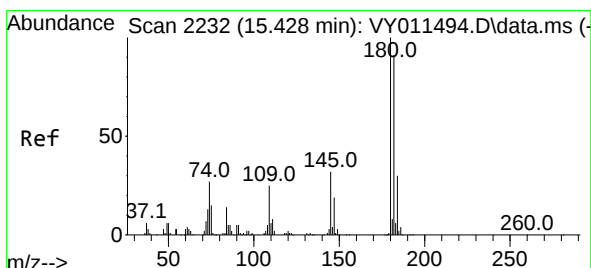
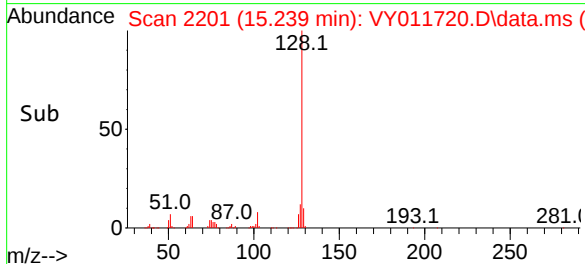
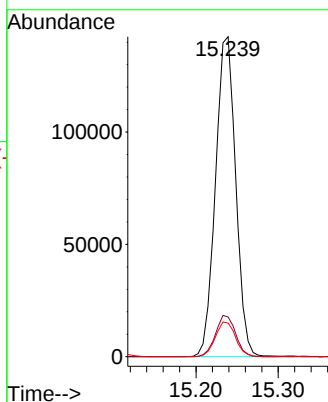
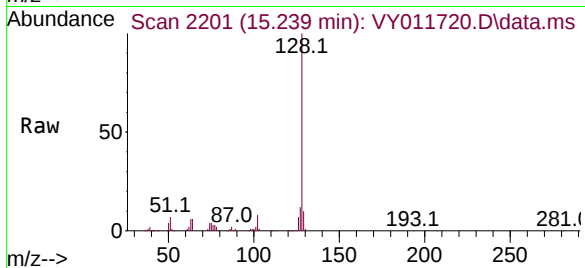
Tgt Ion:128 Resp: 243765

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.425 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY011720.D

Acq: 06 Dec 2022 16:23

Tgt Ion:180 Resp: 107727

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 32.5 15.3 45.9

