

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020749.D
 Acq On : 02 Nov 2021 22:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 02:46:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:55:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	39250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	59094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	57097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	29986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14662	47.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.980%		
35) Dibromofluoromethane	7.885	113	17026	45.334	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.660%		
50) Toluene-d8	10.323	98	57031	43.601	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.200%		
62) 4-Bromofluorobenzene	12.615	95	21456	46.554	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	3879	35.944	ug/l	81
3) Chloromethane	2.209	50	10761	46.485	ug/l	96
4) Vinyl Chloride	2.355	62	21119	47.180	ug/l	99
5) Bromomethane	2.770	94	17437	45.979	ug/l	93
6) Chloroethane	2.910	64	10830	56.139	ug/l	99
7) Trichlorofluoromethane	3.245	101	7894	53.173	ug/l	92
8) Diethyl Ether	3.678	74	7737	52.124	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.056	101	17230	48.850	ug/l	99
10) Methyl Iodide	4.269	142	23921	52.729	ug/l	99
11) Tert butyl alcohol	5.172	59	4255	280.236	ug/l	100
12) 1,1-Dichloroethene	4.038	96	16773	50.957	ug/l	95
13) Acrolein	3.891	56	1307	237.820	ug/l	95
14) Allyl chloride	4.666	41	13112	51.740	ug/l	97
15) Acrylonitrile	5.367	53	14852	261.590	ug/l	99
16) Acetone	4.117	43	13088	225.823	ug/l	97
17) Carbon Disulfide	4.379	76	40694	49.097	ug/l	96
18) Methyl Acetate	4.666	43	9248	50.301	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	21058	55.822	ug/l	99
20) Methylene Chloride	4.909	84	24288	72.145	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	18777	51.638	ug/l	90
22) Diisopropyl ether	6.312	45	33779	52.213	ug/l	95
23) Vinyl Acetate	6.257	43	92224	258.038	ug/l	100
24) 1,1-Dichloroethane	6.214	63	27616	49.565	ug/l	97
25) 2-Butanone	7.171	43	16834	247.692	ug/l	95
26) 2,2-Dichloropropane	7.171	77	16297	48.816	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	20741	51.995	ug/l	95
28) Bromochloromethane	7.513	49	10413	46.771	ug/l	88
29) Tetrahydrofuran	7.531	42	10526	262.433	ug/l	99
30) Chloroform	7.671	83	34127	49.283	ug/l	99
31) Cyclohexane	7.952	56	22504	48.964	ug/l	95
32) 1,1,1-Trichloroethane	7.866	97	28238	51.217	ug/l	99
36) 1,1-Dichloropropene	8.080	75	24729	51.997	ug/l	100
37) Ethyl Acetate	7.250	43	7908	52.909	ug/l	98
38) Carbon Tetrachloride	8.061	117	27028	53.078	ug/l	98
39) Methylcyclohexane	9.335	83	30323	52.849	ug/l	100
40) Benzene	8.323	78	70753	51.633	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	4159	50.391	ug/l	95
42) 1,2-Dichloroethane	8.397	62	20567	52.548	ug/l	98
43) Isopropyl Acetate	8.427	43	15050	53.493	ug/l	99
44) Trichloroethene	9.085	130	21559	51.288	ug/l	93
45) 1,2-Dichloropropane	9.366	63	15417	52.007	ug/l	97
46) Dibromomethane	9.457	93	10817	51.728	ug/l	99
47) Bromodichloromethane	9.646	83	26359	53.889	ug/l	100
48) Methyl methacrylate	9.439	41	6520	50.971	ug/l	92
49) 1,4-Dioxane	9.445	88	3206	969.790	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	40684	225.606	ug/l	99
52) Toluene	10.384	92	48002	53.962	ug/l	95
53) t-1,3-Dichloropropene	10.604	75	23274	51.795	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	26852	52.462	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	15135	52.576	ug/l	98
56) Ethyl methacrylate	10.646	69	16566	49.729	ug/l	98
57) 1,3-Dichloropropane	10.933	76	24353	53.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	35935	270.914	ug/l	96
59) 2-Hexanone	10.969	43	28739	227.249	ug/l	100
60) Dibromochloromethane	11.128	129	19408	54.109	ug/l	99
61) 1,2-Dibromoethane	11.238	107	15838	55.316	ug/l	96
64) Tetrachloroethene	10.860	164	20793	55.798	ug/l	90
65) Chlorobenzene	11.658	112	54117	50.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	20793	52.642	ug/l	97
67) Ethyl Benzene	11.731	91	93315	52.215	ug/l	96
68) m/p-Xylenes	11.841	106	76862	106.513	ug/l	97
69) o-Xylene	12.164	106	36154	53.659	ug/l	99
70) Styrene	12.182	104	61320	53.853	ug/l	99
71) Bromoform	12.347	173	11959	53.571	ug/l #	98
73) Isopropylbenzene	12.463	105	97018	54.941	ug/l	100
74) N-amyl acetate	12.268	43	14772	48.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	17719	53.193	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	21063	90.709	ug/l #	1
77) Bromobenzene	12.743	156	23135	51.745	ug/l	98
78) n-propylbenzene	12.804	91	116951	54.889	ug/l	100
79) 2-Chlorotoluene	12.890	91	65805	54.500	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	84289	55.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	5196	50.064	ug/l	96
82) 4-Chlorotoluene	12.987	91	69057	54.691	ug/l	97
83) tert-Butylbenzene	13.207	119	75318	56.958	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	83855	56.282	ug/l	99
85) sec-Butylbenzene	13.377	105	110970	55.677	ug/l	98
86) p-Isopropyltoluene	13.493	119	94139	56.158	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	47654	51.015	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	48712	52.840	ug/l	97
89) n-Butylbenzene	13.822	91	83789	53.652	ug/l	98
90) Hexachloroethane	14.091	117	18028	54.696	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	44506	54.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2912	55.409	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	26627	51.477	ug/l	100
94) Hexachlorobutadiene	15.231	225	15625	55.626	ug/l	94
95) Naphthalene	15.365	128	53717	51.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	25319	56.032	ug/l	95

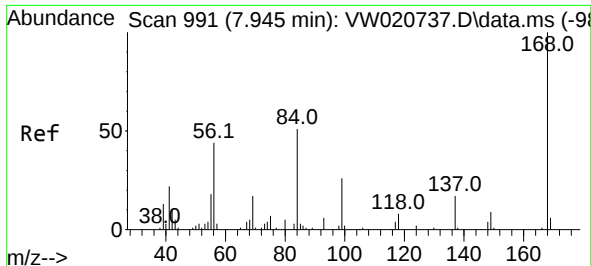
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Response via : Initial Calibration

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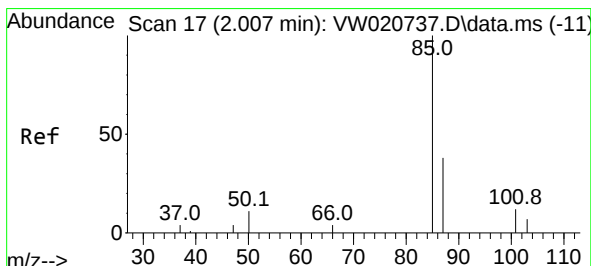
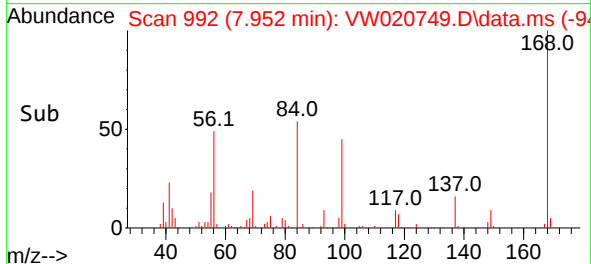
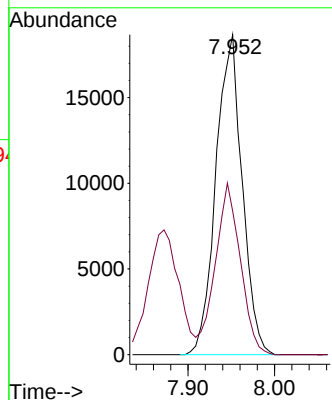
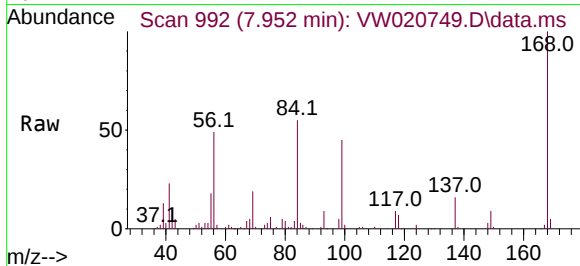
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

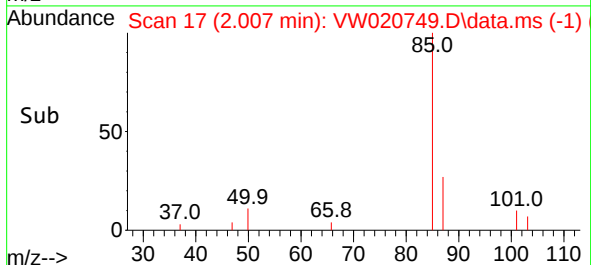
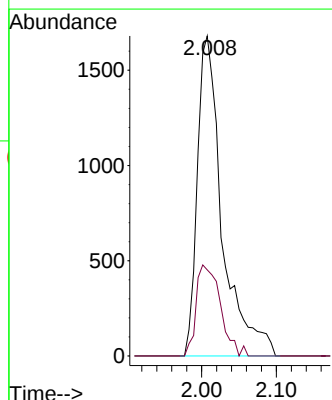
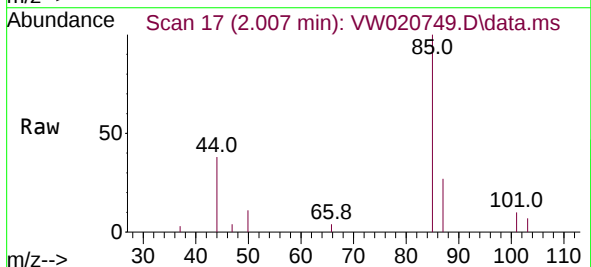
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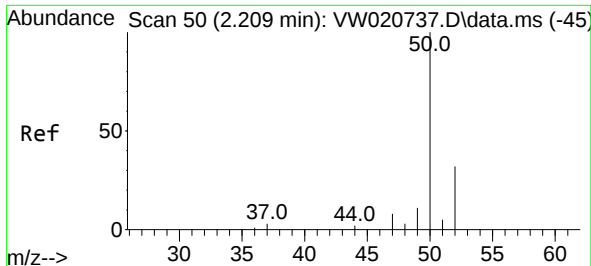
Tgt Ion:168 Resp: 39250
Ion Ratio Lower Upper
168 100
99 44.8 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 35.944 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 85 Resp: 3879
Ion Ratio Lower Upper
85 100
87 26.9 19.1 57.5

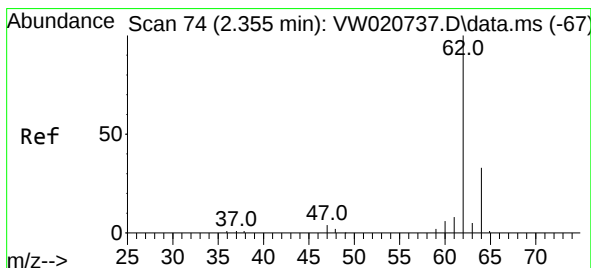
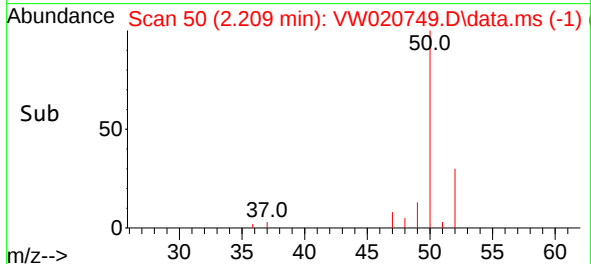
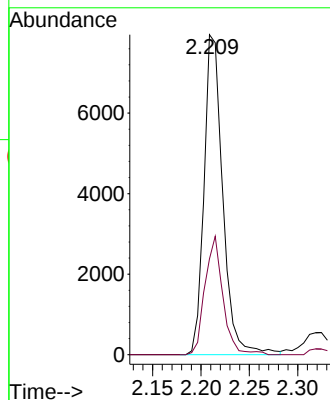
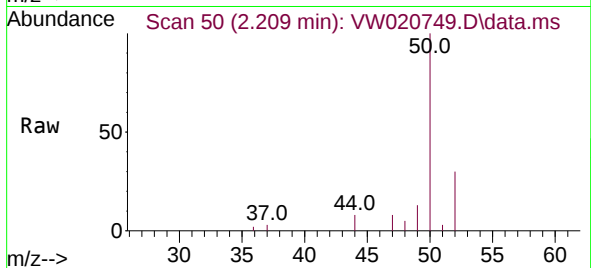




#3
Chloromethane
Concen: 46.485 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

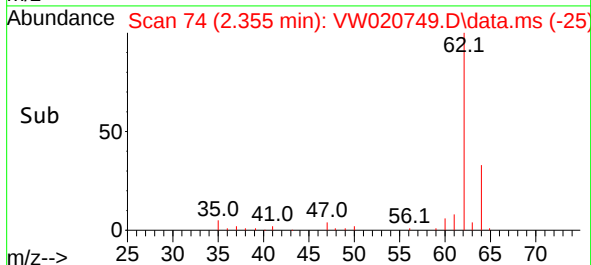
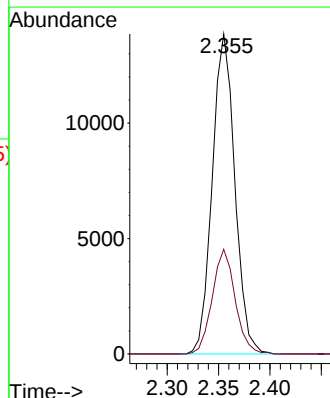
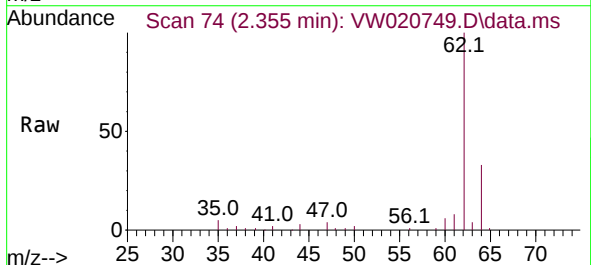
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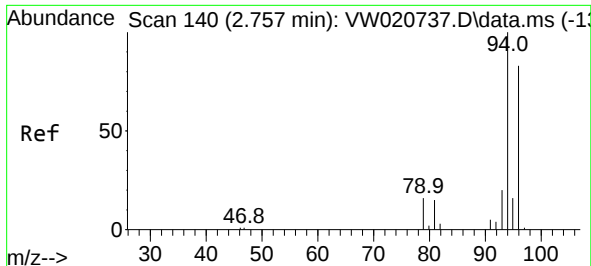
Tgt Ion: 50 Resp: 10761
Ion Ratio Lower Upper
50 100
52 30.0 25.9 38.9



#4
Vinyl Chloride
Concen: 47.180 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 62 Resp: 21119
Ion Ratio Lower Upper
62 100
64 32.7 26.7 40.1

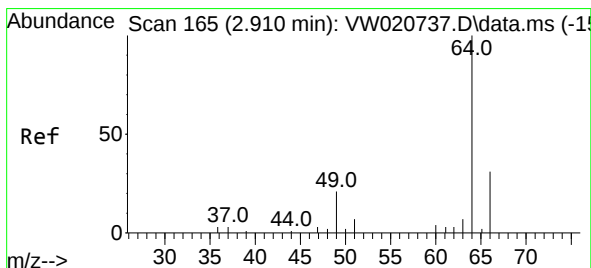
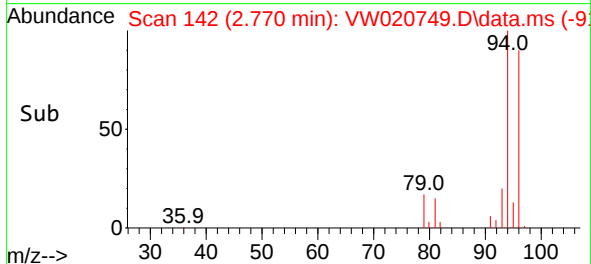
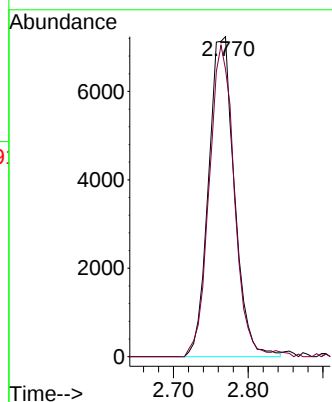
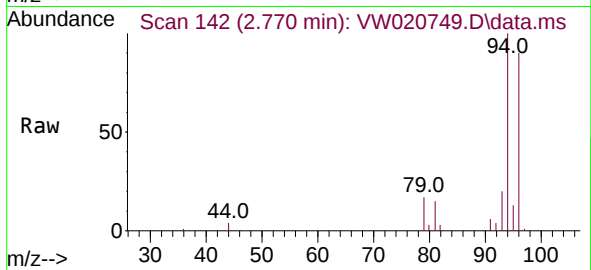




#5
Bromomethane
Concen: 45.979 ug/l
RT: 2.770 min Scan# 140
Delta R.T. 0.012 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

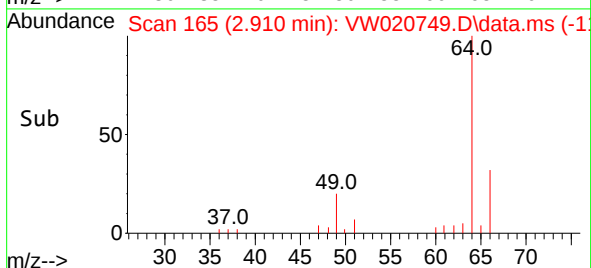
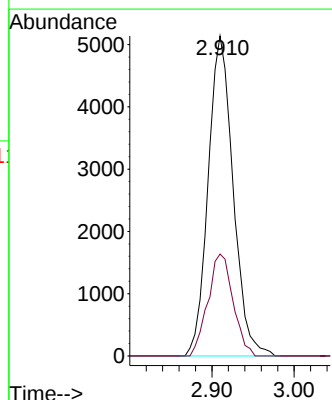
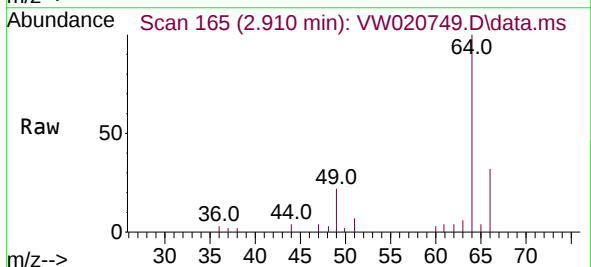
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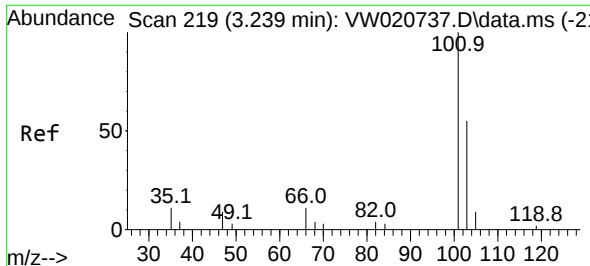
Tgt Ion: 94 Resp: 17437
Ion Ratio Lower Upper
94 100
96 89.9 66.7 100.1



#6
Chloroethane
Concen: 56.139 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 64 Resp: 10830
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7

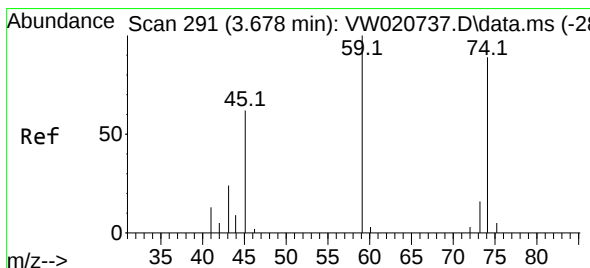
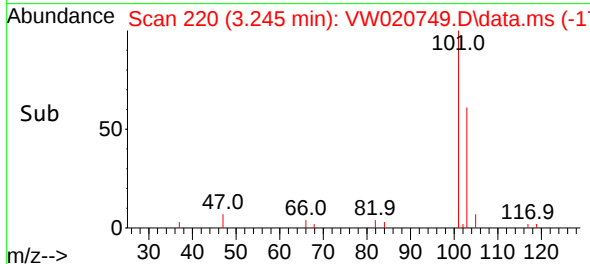
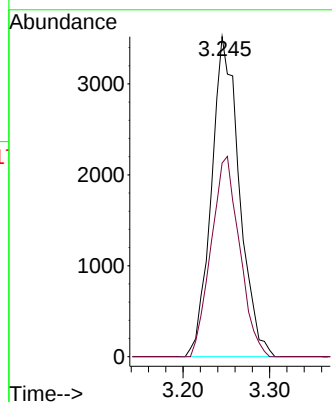
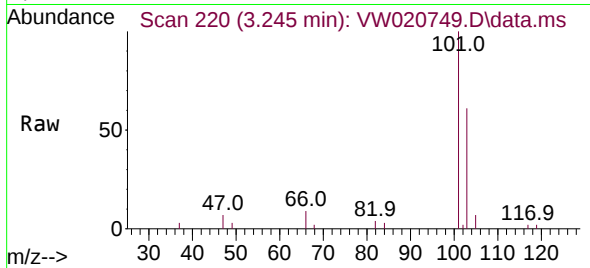




#7
 Trichlorofluoromethane
 Concen: 53.173 ug/l
 RT: 3.245 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

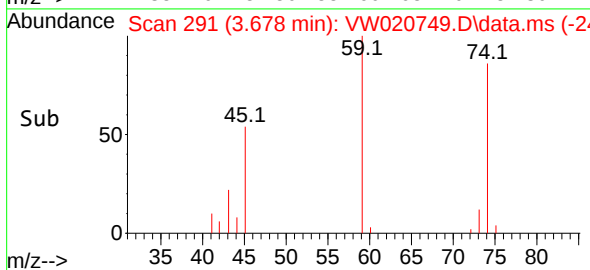
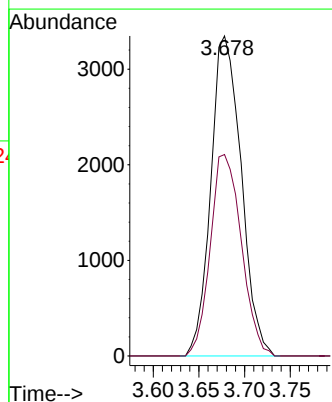
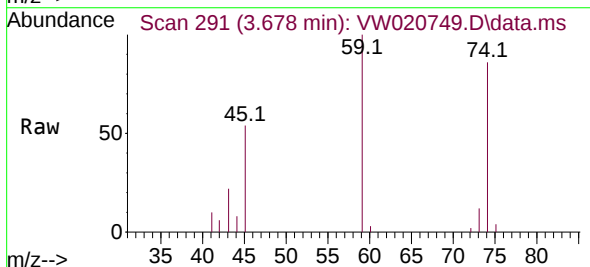
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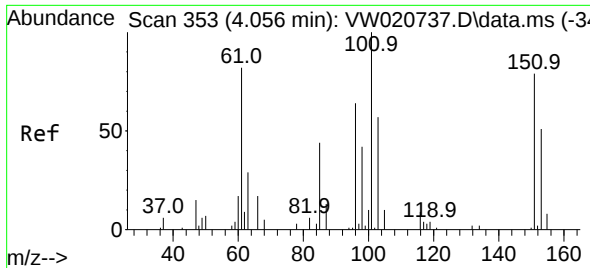
Tgt Ion:101 Resp: 7894
 Ion Ratio Lower Upper
 101 100
 103 60.5 43.9 65.9



#8
 Diethyl Ether
 Concen: 52.124 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

Tgt Ion: 74 Resp: 7737
 Ion Ratio Lower Upper
 74 100
 45 64.4 34.3 102.8

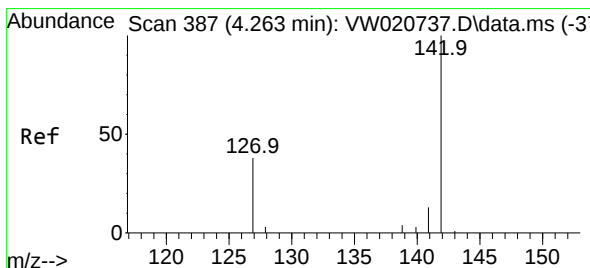
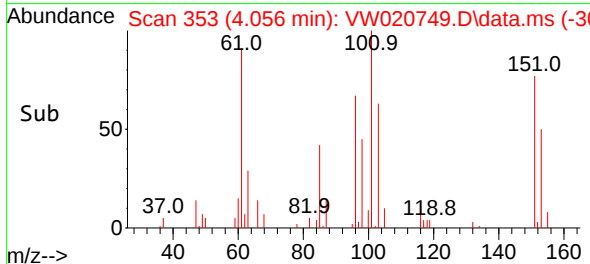
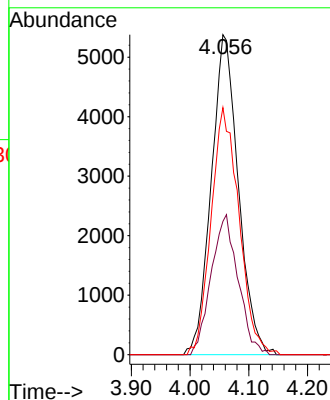
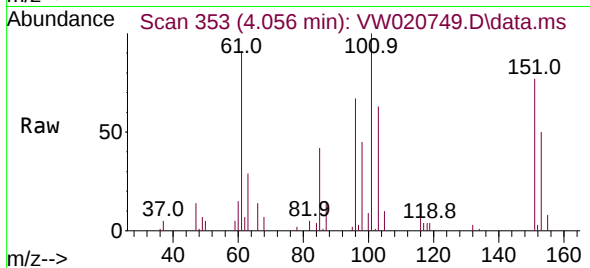




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.850 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020749.D
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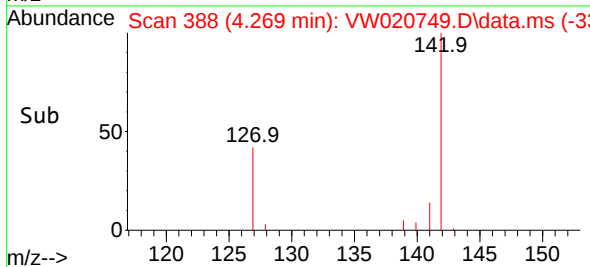
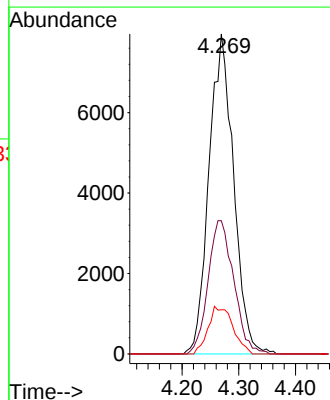
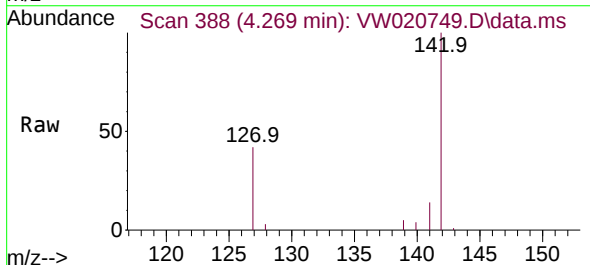
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ClientSampleId :
VSTDCCC050EC

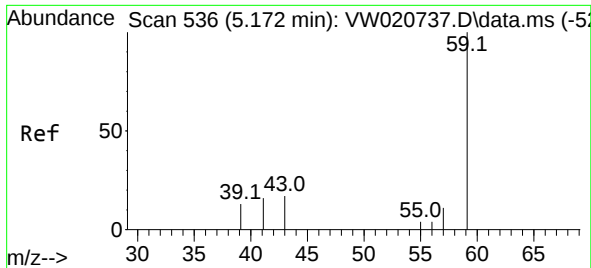
Tgt Ion:101	Resp:	17230
Ion	Ratio	Lower Upper
101	100	
85	43.5	35.2 52.8
151	79.5	65.0 97.4



#10
Methyl Iodide
Concen: 52.729 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:142	Resp:	23921
Ion	Ratio	Lower Upper
142	100	
127	43.5	34.3 51.5
141	14.9	12.2 18.2

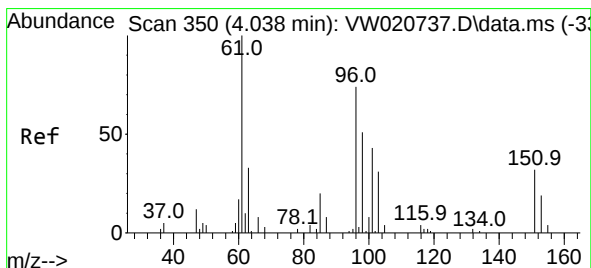
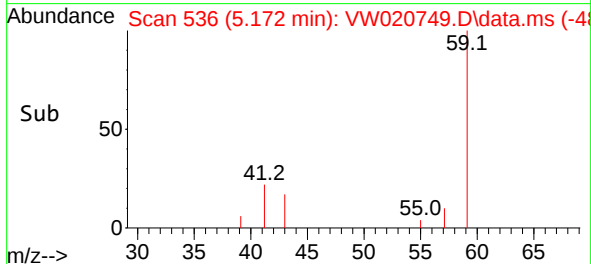
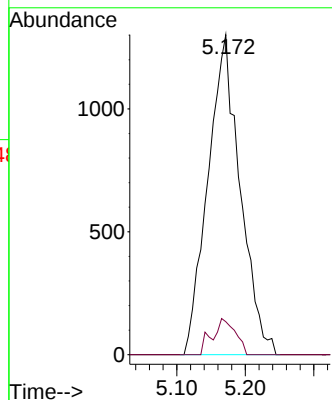
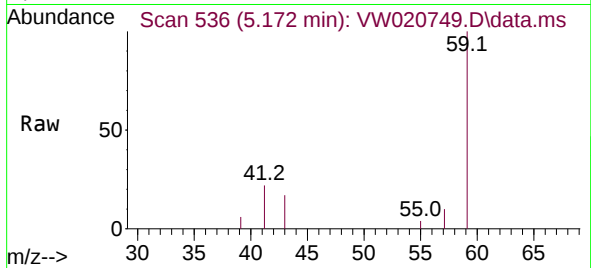




#11
Tert butyl alcohol
Concen: 280.236 ug/l
RT: 5.172 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

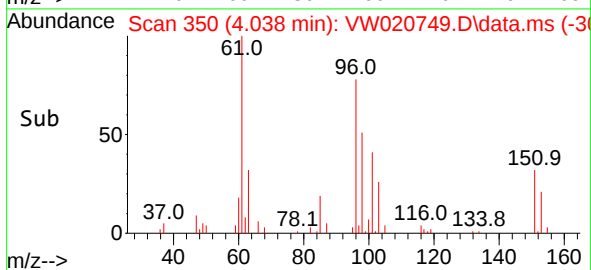
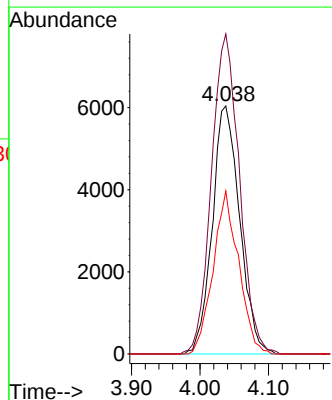
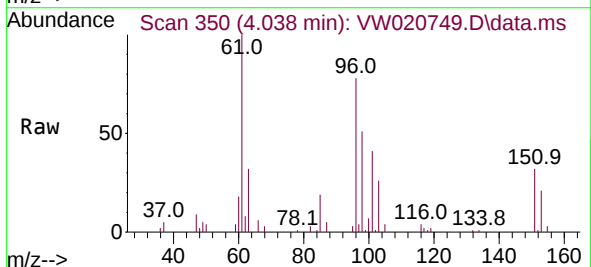
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

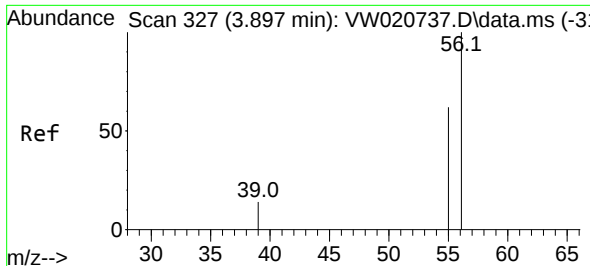
Tgt Ion: 59 Resp: 4255
Ion Ratio Lower Upper
59 100
57 8.0 6.5 9.7



#12
1,1-Dichloroethene
Concen: 50.957 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 96 Resp: 16773
Ion Ratio Lower Upper
96 100
61 129.0 108.1 162.1
98 65.6 55.4 83.2

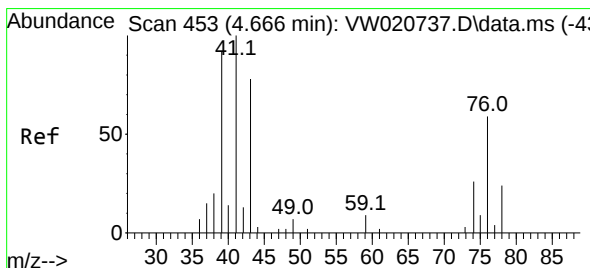
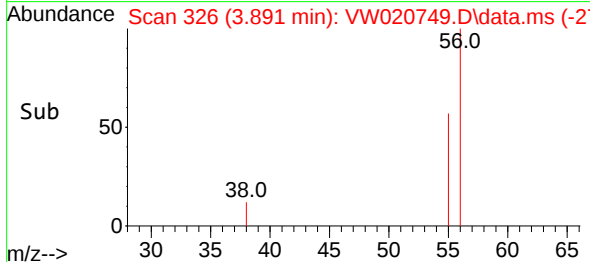
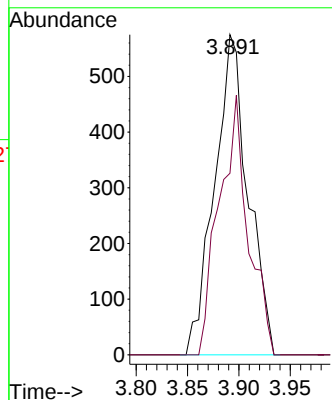
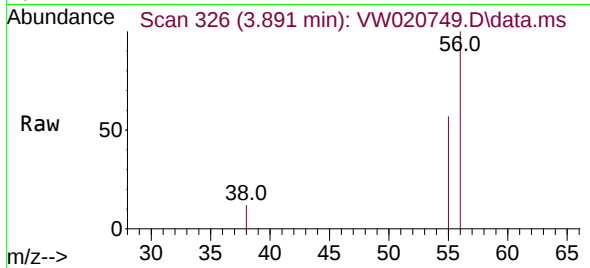




#13
Acrolein
Concen: 237.820 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

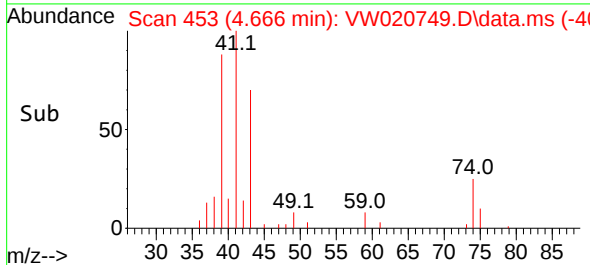
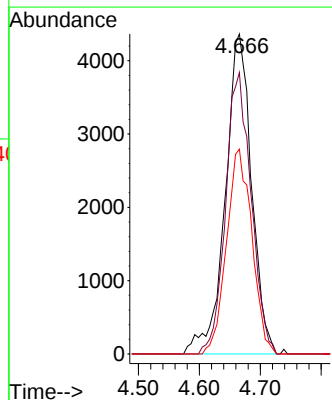
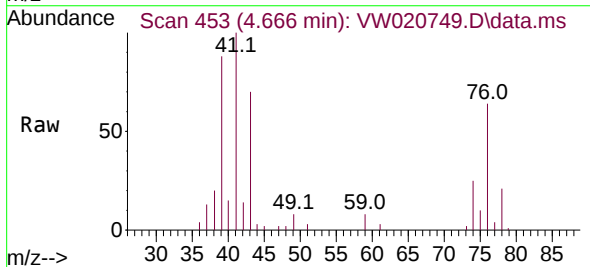
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

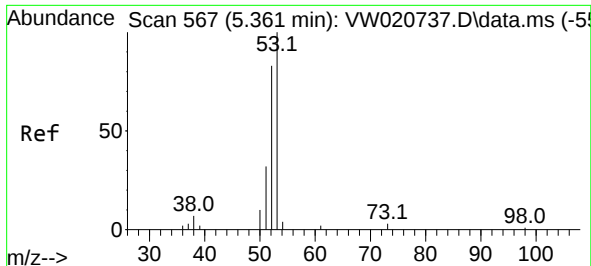
Tgt Ion: 56 Resp: 1307
Ion Ratio Lower Upper
56 100
55 69.6 52.5 78.7



#14
Allyl chloride
Concen: 51.740 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 41 Resp: 13112
Ion Ratio Lower Upper
41 100
39 85.3 67.3 100.9
76 61.7 45.8 68.8

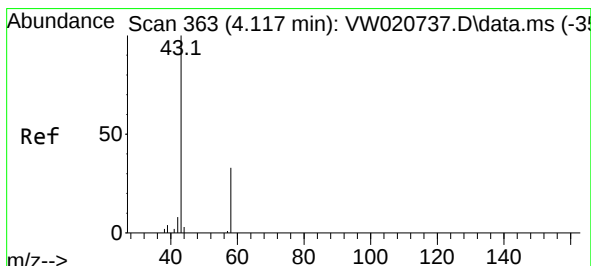
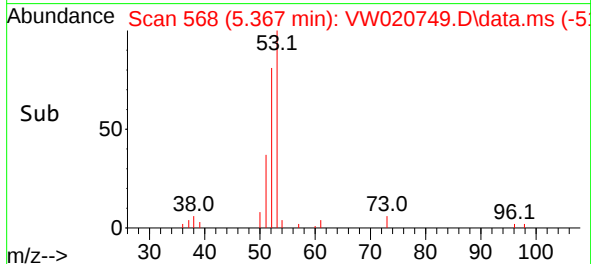
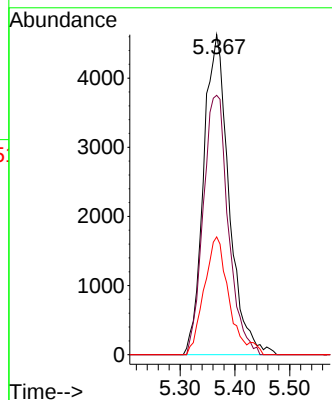
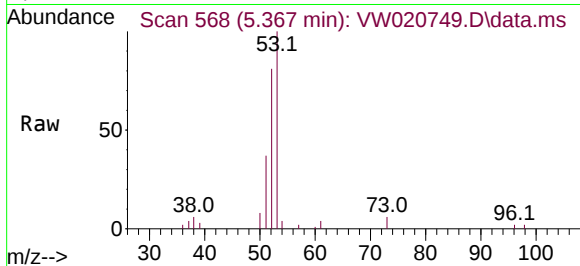




#15
Acrylonitrile
Concen: 261.590 ug/l
RT: 5.367 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

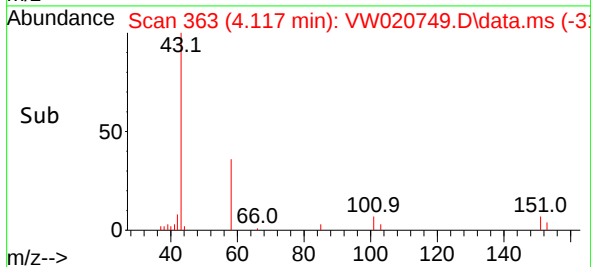
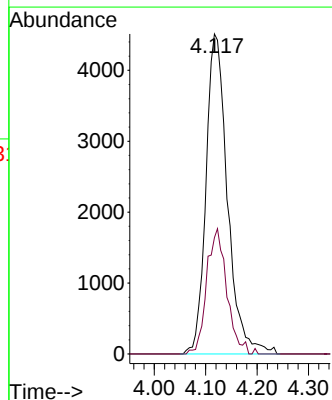
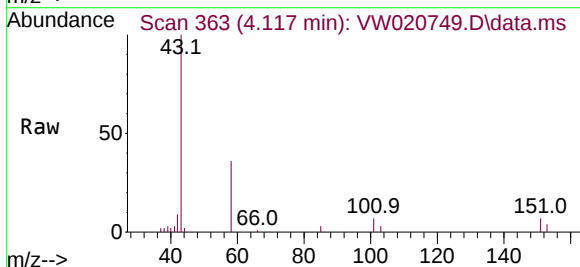
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

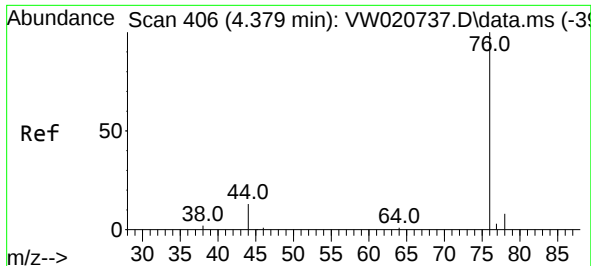
Tgt Ion: 53	Resp: 14852
Ion Ratio	Lower Upper
53	100
52	79.9 63.7 95.5
51	36.2 27.5 41.3



#16
Acetone
Concen: 225.823 ug/l
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 43	Resp: 13088
Ion Ratio	Lower Upper
43	100
58	36.3 27.8 41.6

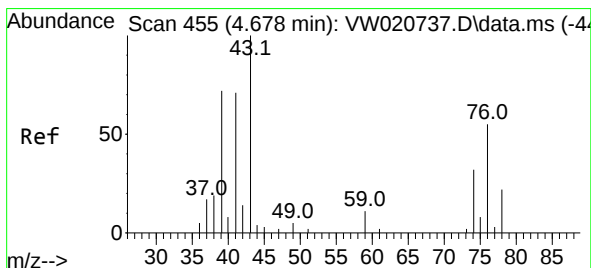
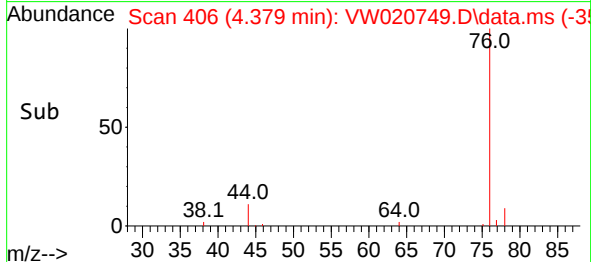
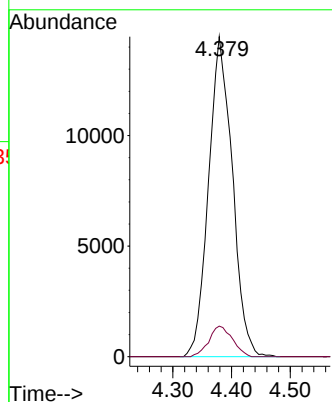
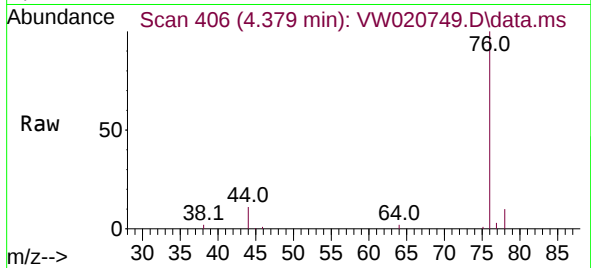




#17
Carbon Disulfide
Concen: 49.097 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

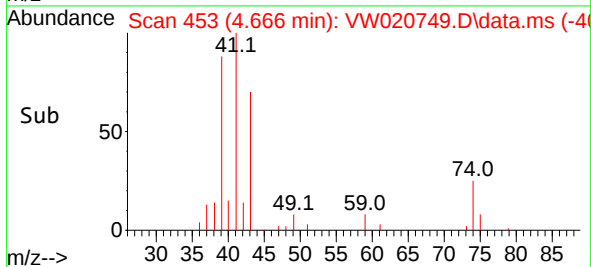
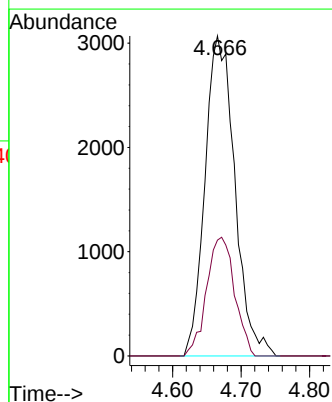
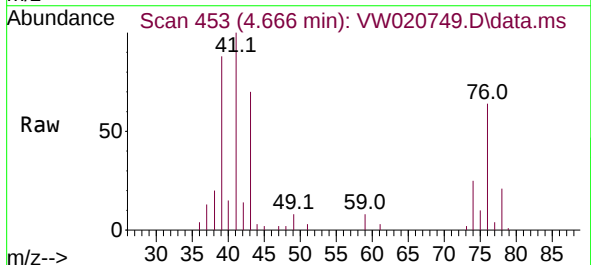
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

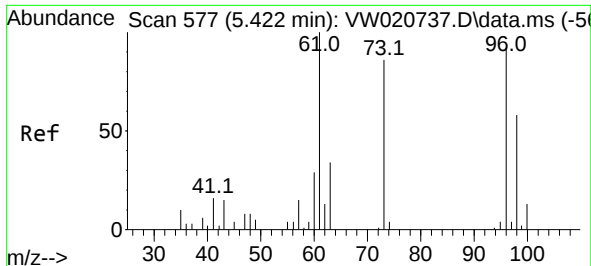
Tgt Ion: 76 Resp: 40694
Ion Ratio Lower Upper
76 100
78 9.6 6.4 9.6



#18
Methyl Acetate
Concen: 50.301 ug/l
RT: 4.666 min Scan# 453
Delta R.T. -0.012 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 43 Resp: 9248
Ion Ratio Lower Upper
43 100
74 34.9 27.0 40.6

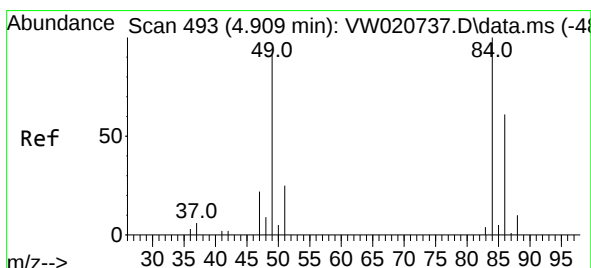
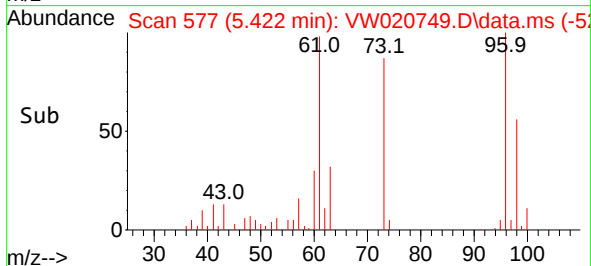
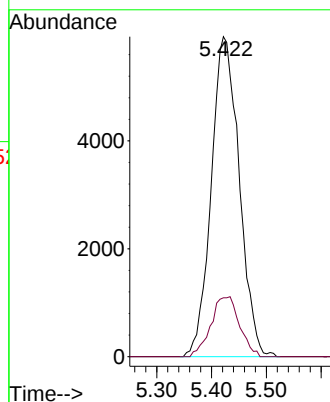
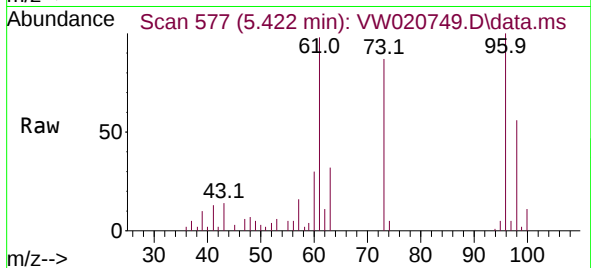




#19
Methyl tert-butyl Ether
Concen: 55.822 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

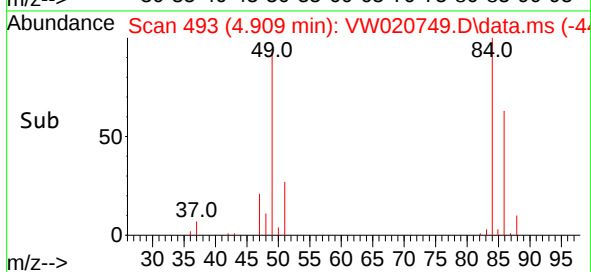
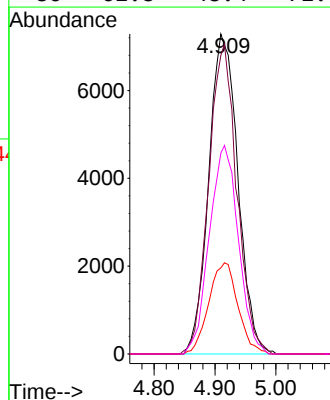
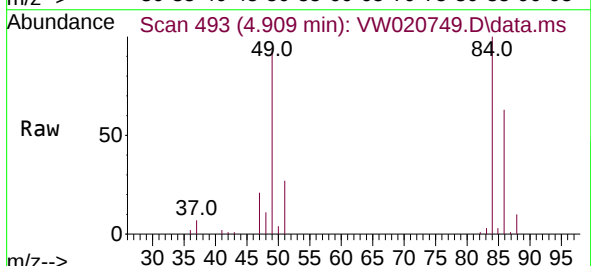
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

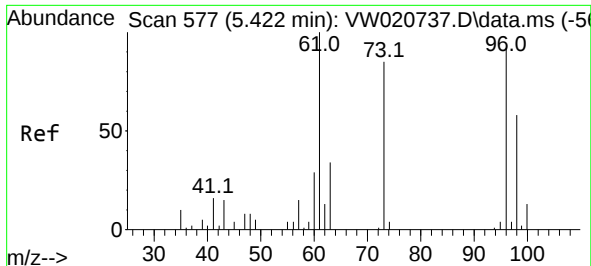
Tgt Ion: 73 Resp: 21058
Ion Ratio Lower Upper
73 100
57 18.4 14.4 21.6



#20
Methylene Chloride
Concen: 72.145 ug/l
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 84 Resp: 24288
Ion Ratio Lower Upper
84 100
49 93.3 72.6 108.8
51 26.9 19.7 29.5
86 62.8 48.4 72.6

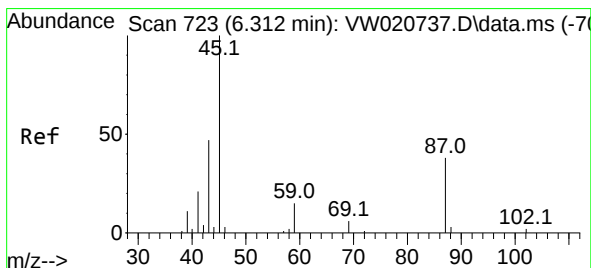
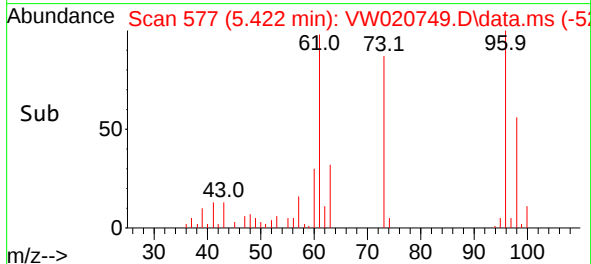
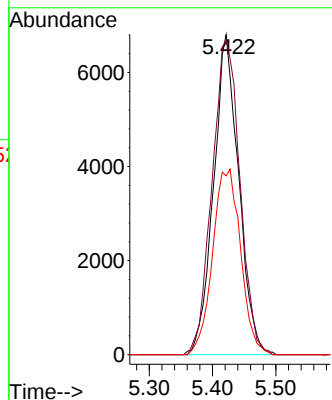
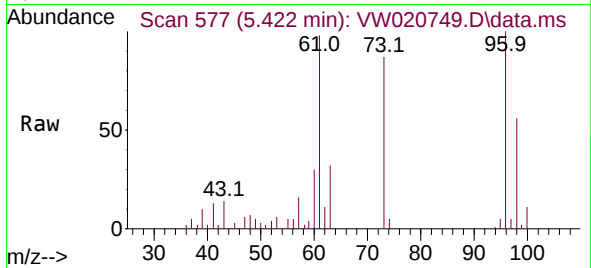




#21
trans-1,2-Dichloroethene
Concen: 51.638 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

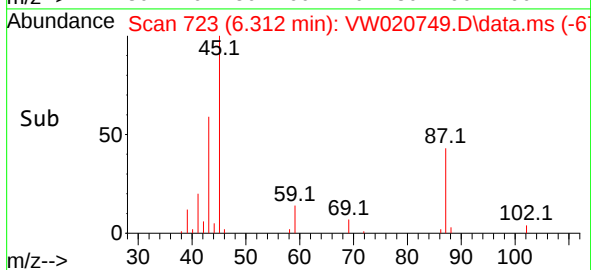
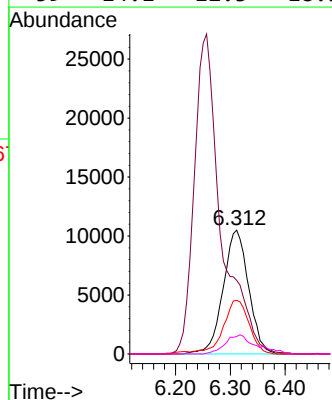
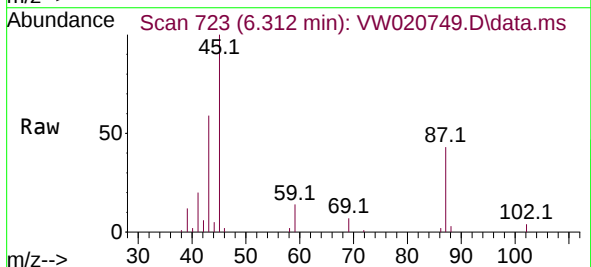
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

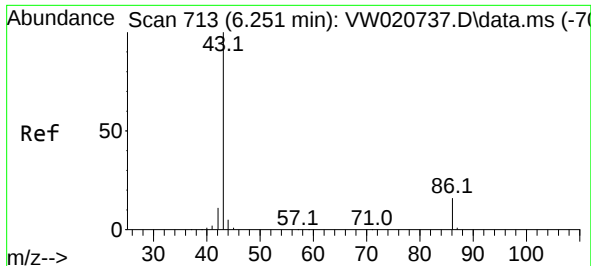
Tgt Ion: 96 Resp: 18777
Ion Ratio Lower Upper
96 100
61 98.4 87.2 130.8
98 55.9 50.9 76.3



#22
Diisopropyl ether
Concen: 52.213 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 45 Resp: 33779
Ion Ratio Lower Upper
45 100
43 58.3 44.3 66.5
87 43.3 31.4 47.0
59 14.1 12.3 18.5

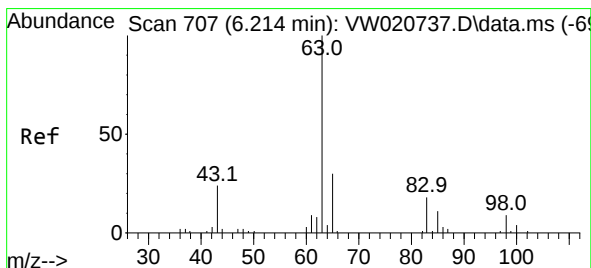
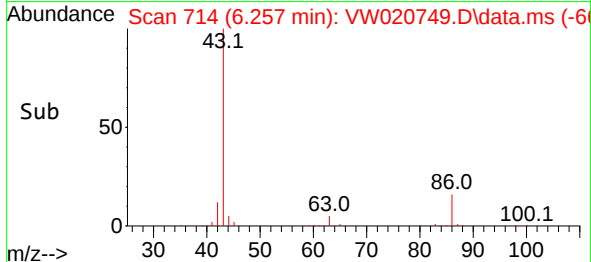
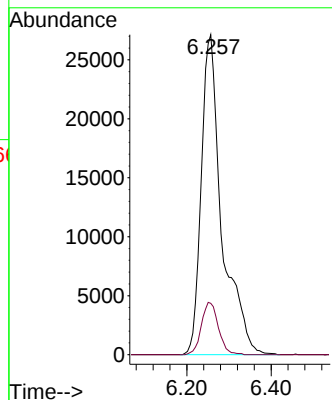
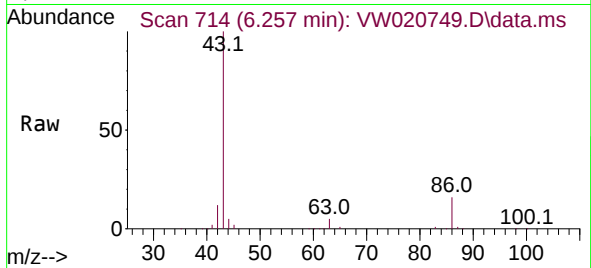




#23
 Vinyl Acetate
 Concen: 258.038 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

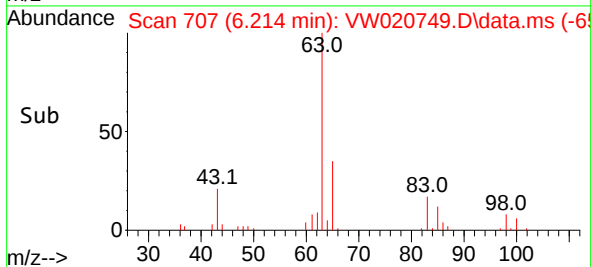
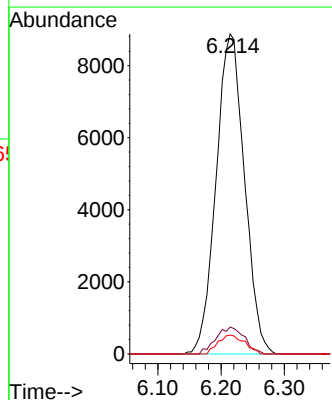
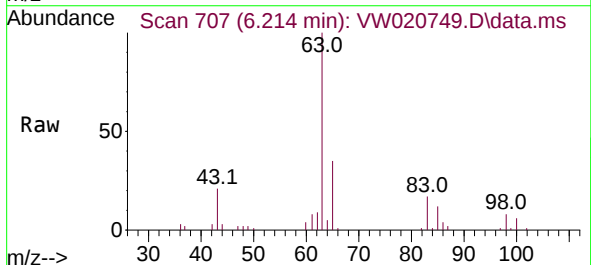
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

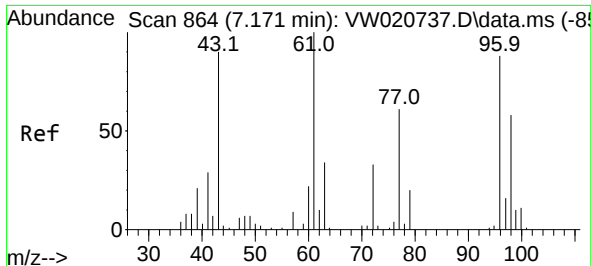
Tgt Ion: 43 Resp: 92224
 Ion Ratio Lower Upper
 43 100
 86 16.1 13.0 19.4



#24
 1,1-Dichloroethane
 Concen: 49.565 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

Tgt Ion: 63 Resp: 27616
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.4 13.2
 100 5.9 2.1 6.2

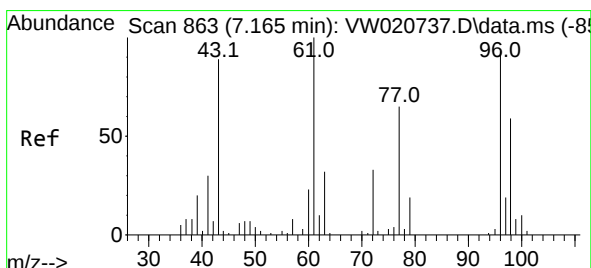
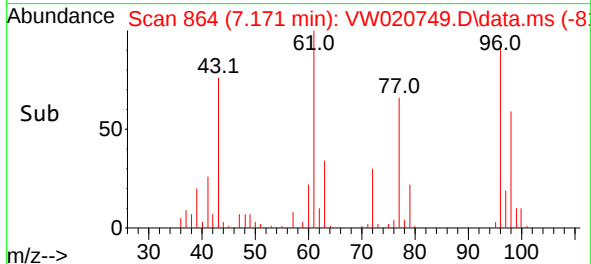
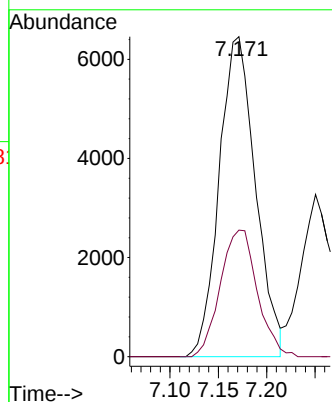
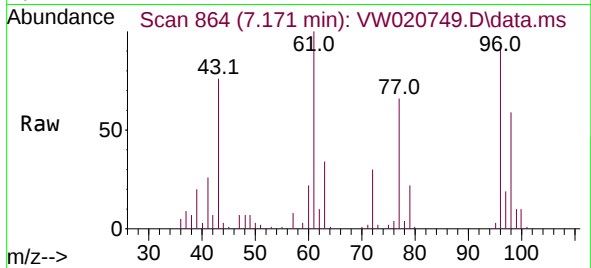




#25
2-Butanone
Concen: 247.692 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

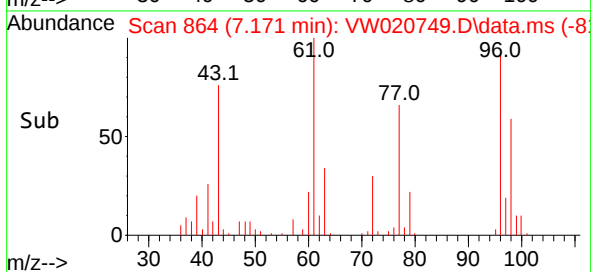
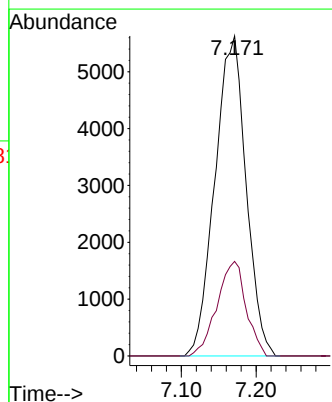
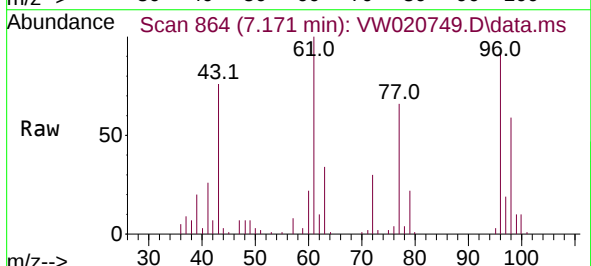
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

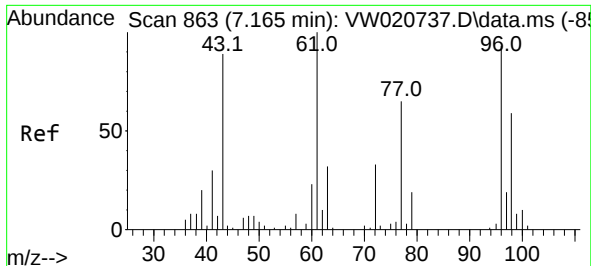
Tgt Ion: 43 Resp: 16834
Ion Ratio Lower Upper
43 100
72 39.6 29.3 43.9



#26
2,2-Dichloropropane
Concen: 48.816 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 77 Resp: 16297
Ion Ratio Lower Upper
77 100
97 27.5 13.5 40.5





#27

cis-1,2-Dichloroethene

Concen: 51.995 ug/l

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

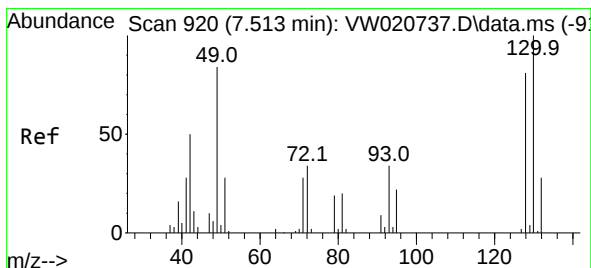
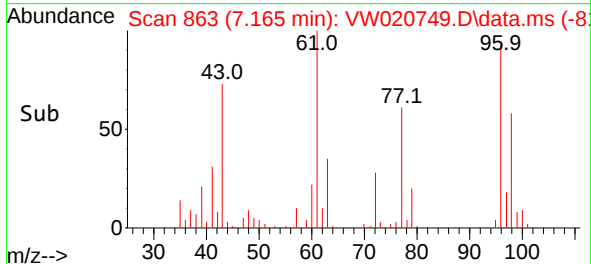
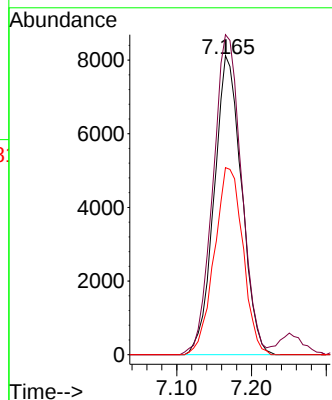
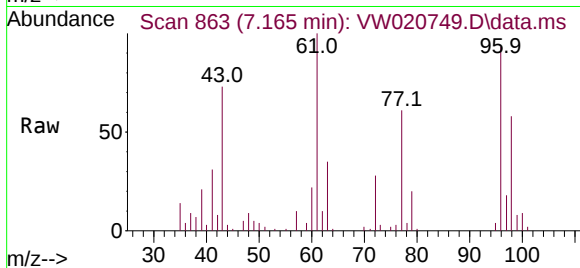
Tgt Ion: 96 Resp: 20741

Ion Ratio Lower Upper

96 100

61 111.0 0.0 234.8

98 65.1 0.0 135.4



#28

Bromochloromethane

Concen: 46.771 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

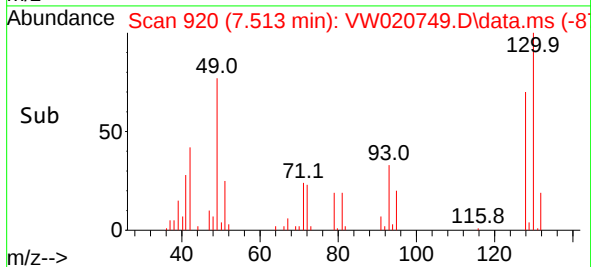
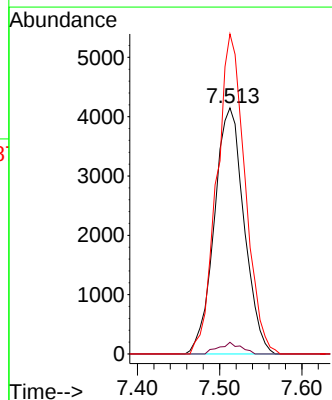
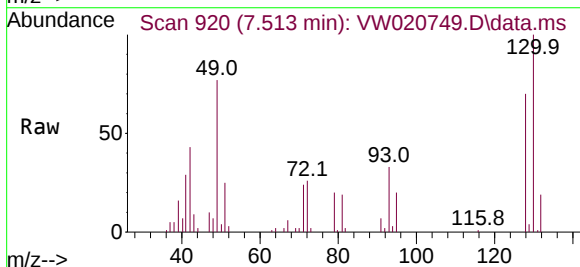
Tgt Ion: 49 Resp: 10413

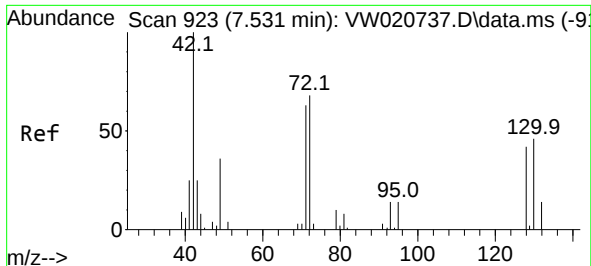
Ion Ratio Lower Upper

49 100

129 3.5 0.0 7.6

130 123.8 88.2 132.2





#29

Tetrahydrofuran

Concen: 262.433 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

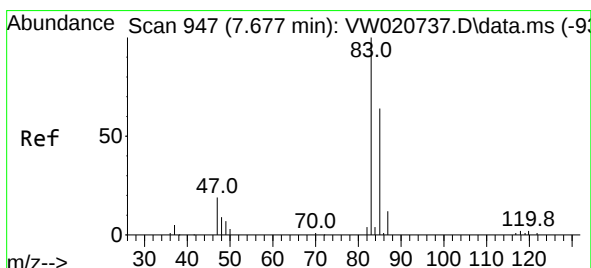
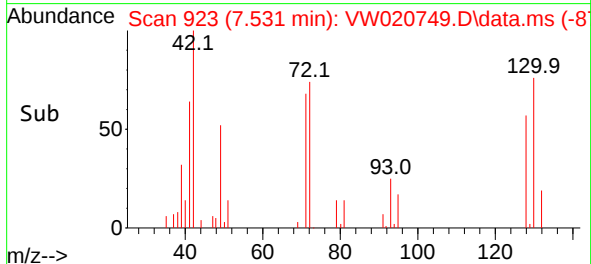
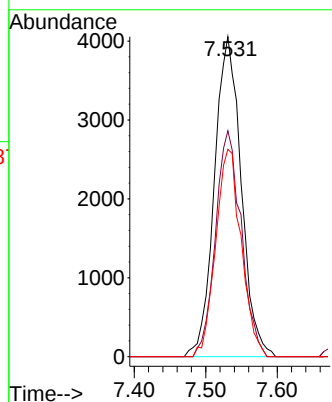
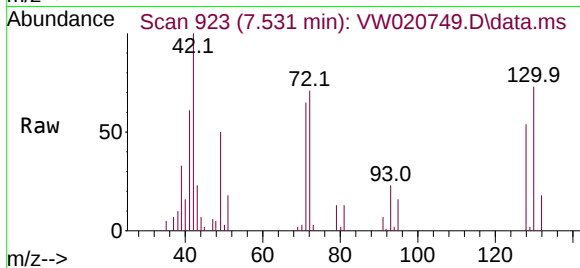
Tgt Ion: 42 Resp: 10526

Ion Ratio Lower Upper

42 100

72 67.6 53.0 79.4

71 61.8 49.4 74.2



#30

Chloroform

Concen: 49.283 ug/l

RT: 7.671 min Scan# 946

Delta R.T. -0.006 min

Lab File: VW020749.D

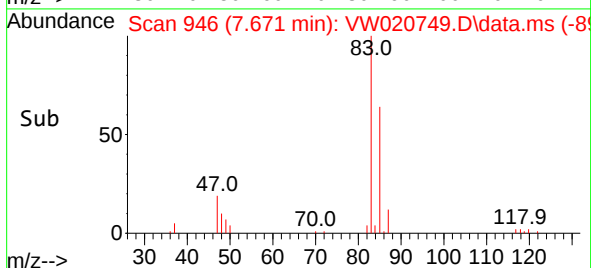
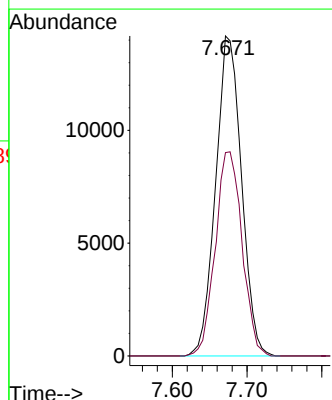
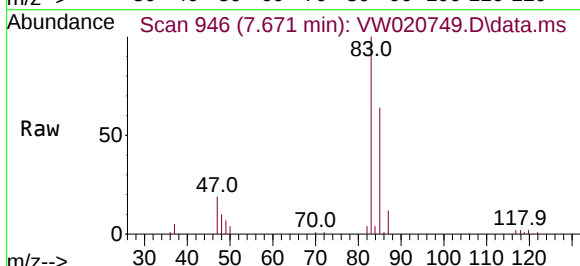
Acq: 02 Nov 2021 22:05

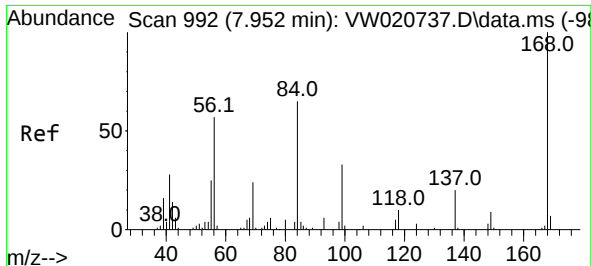
Tgt Ion: 83 Resp: 34127

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

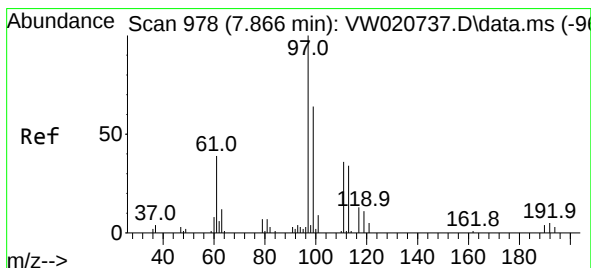
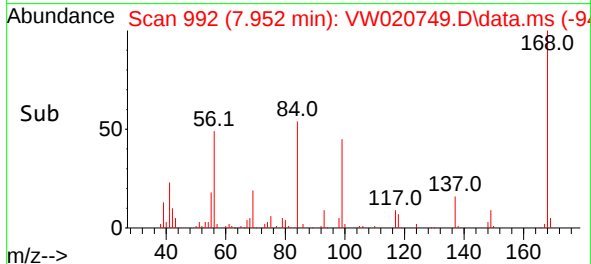
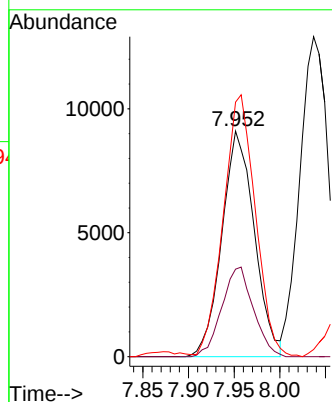
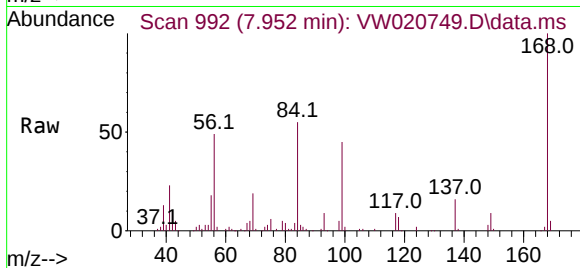




#31
Cyclohexane
Concen: 48.964 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

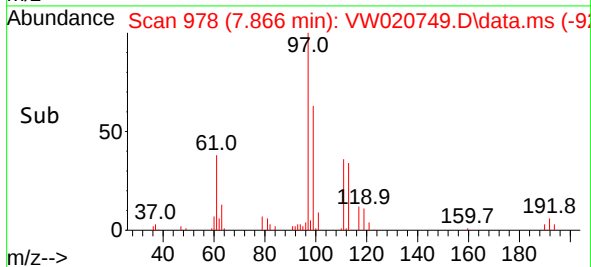
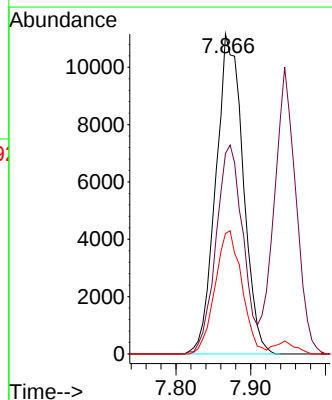
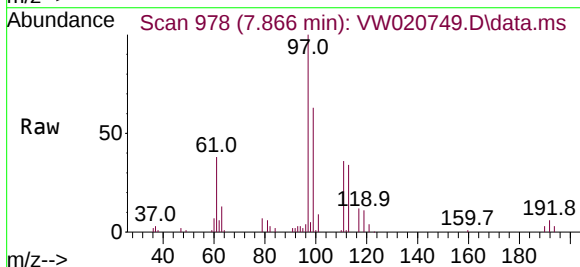
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

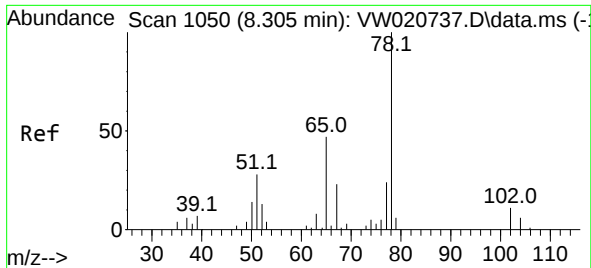
Tgt Ion: 56 Resp: 22504
Ion Ratio Lower Upper
56 100
69 38.8 34.2 51.2
84 111.2 92.3 138.5



#32
1,1,1-Trichloroethane
Concen: 51.217 ug/l
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 97 Resp: 28238
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 38.1 30.2 45.2

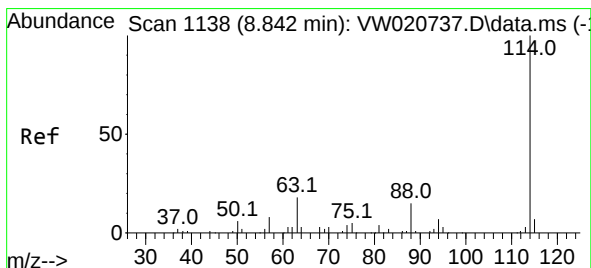
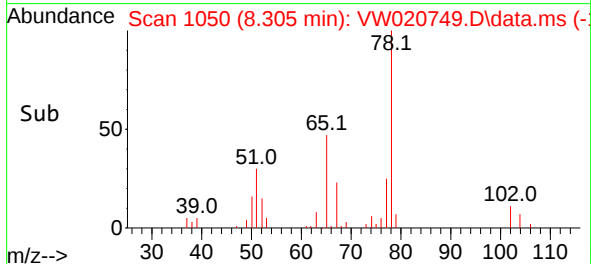
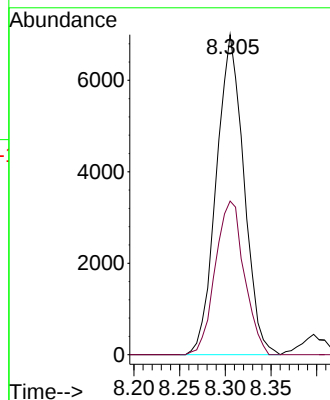
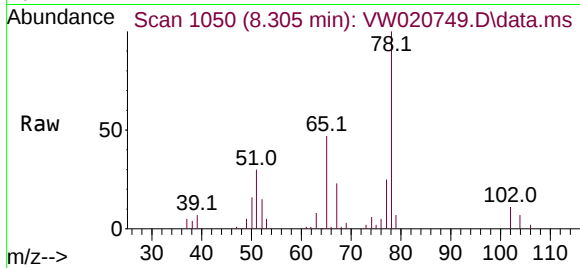




#33
 1,2-Dichloroethane-d4
 Concen: 47.487 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

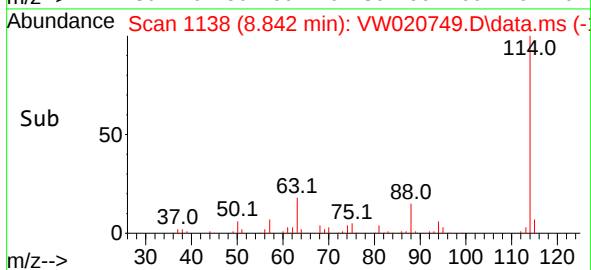
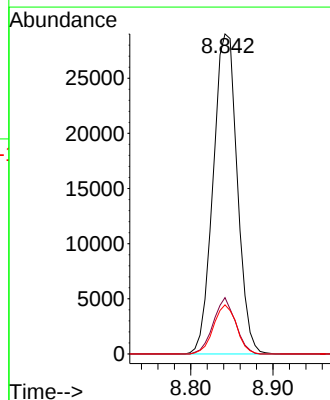
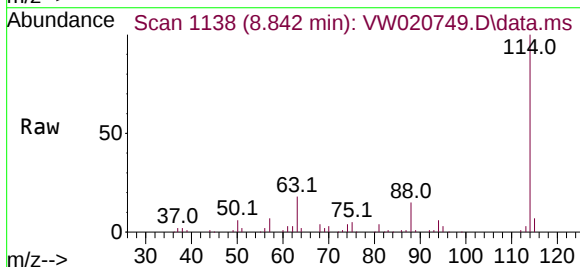
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

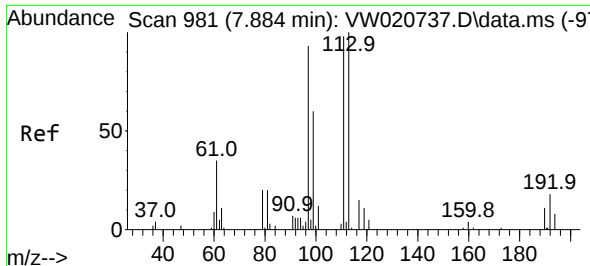
Tgt Ion: 65 Resp: 14662
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

Tgt Ion: 114 Resp: 59094
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.8
 88 15.3 0.0 30.8

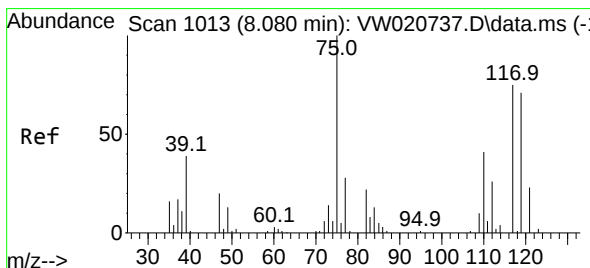
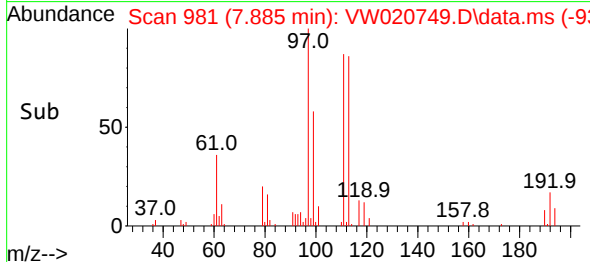
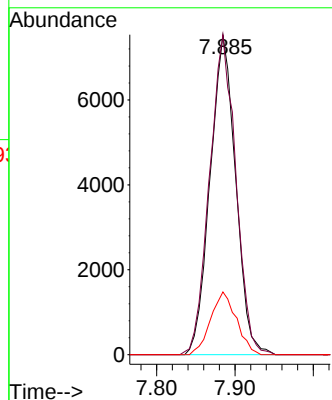
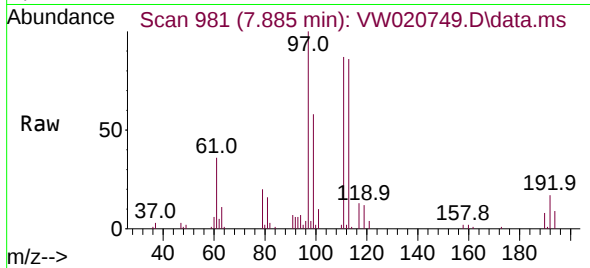




#35
 Dibromofluoromethane
 Concen: 45.334 ug/l
 RT: 7.885 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

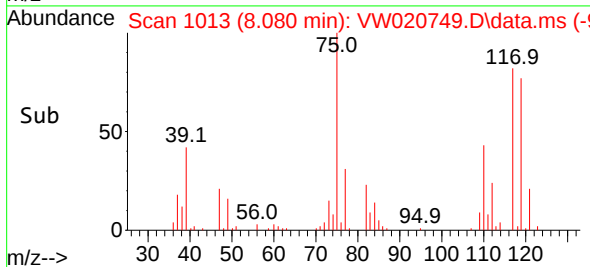
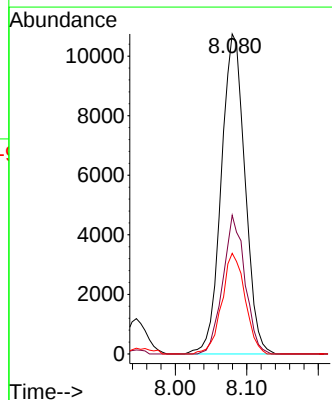
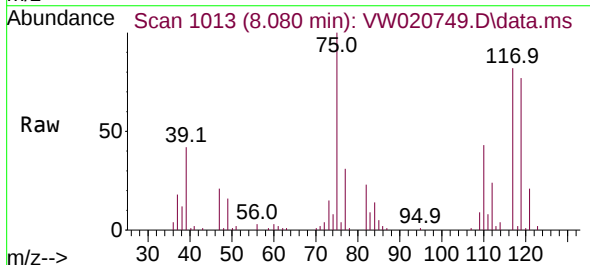
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

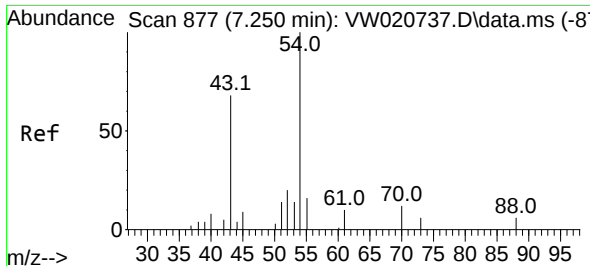
Tgt Ion:113 Resp: 17026
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.7 122.5
 192 19.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 51.997 ug/l
 RT: 8.080 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

Tgt Ion: 75 Resp: 24729
 Ion Ratio Lower Upper
 75 100
 110 40.4 20.3 60.8
 77 30.8 24.2 36.4

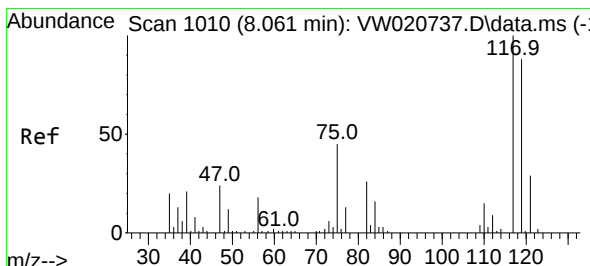
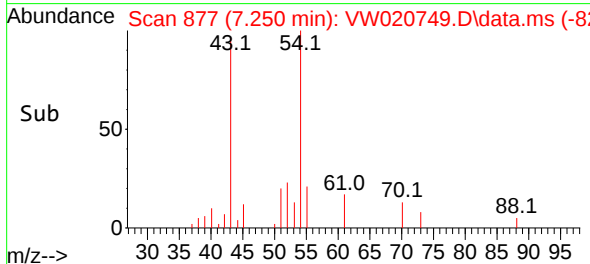
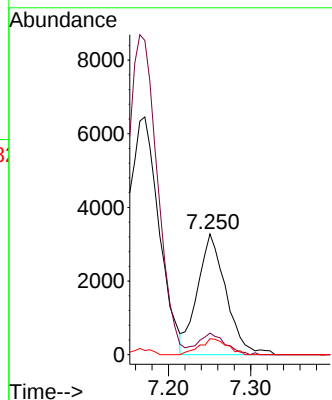
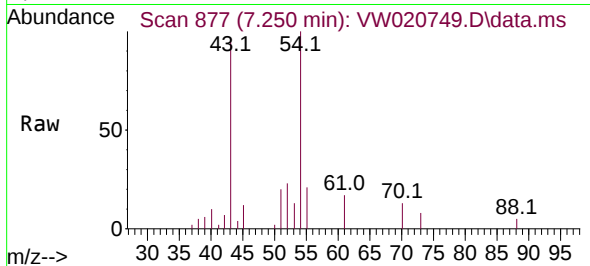




#37
Ethyl Acetate
Concen: 52.909 ug/l
RT: 7.250 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

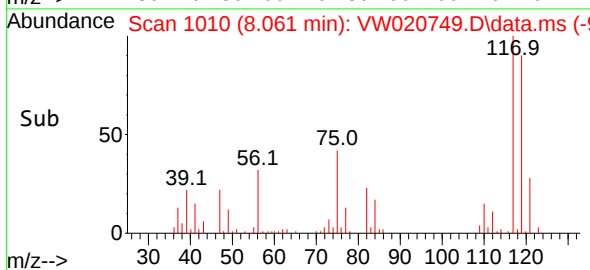
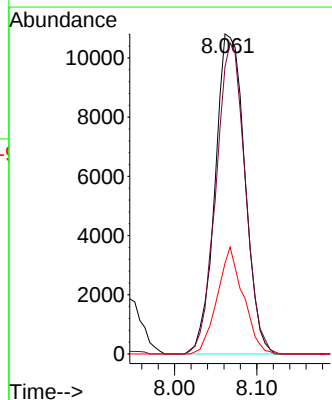
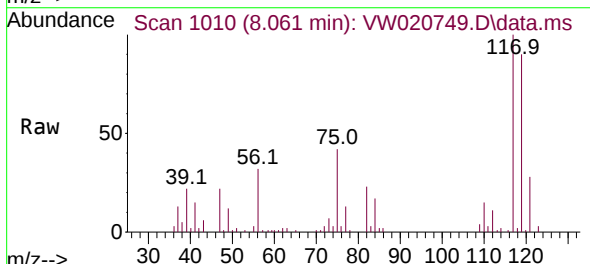
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

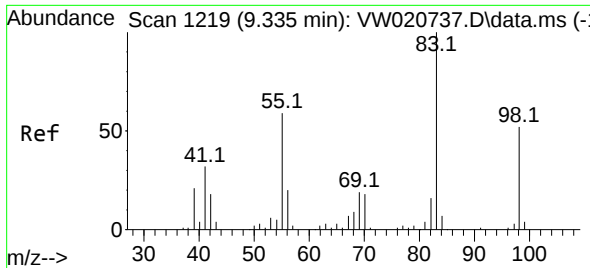
Tgt Ion: 43	Resp: 7908
Ion Ratio	Lower Upper
43 100	
61 17.2	13.4 20.0
70 12.6	11.4 17.0



#38
Carbon Tetrachloride
Concen: 53.078 ug/l
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:117	Resp:	27028	
Ion	Ratio	Lower	Upper
117	100		
119	89.8	70.6	106.0
121	28.3	23.3	34.9

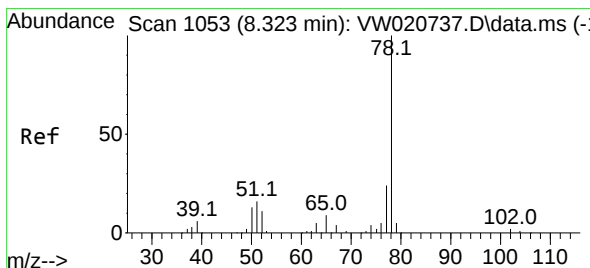
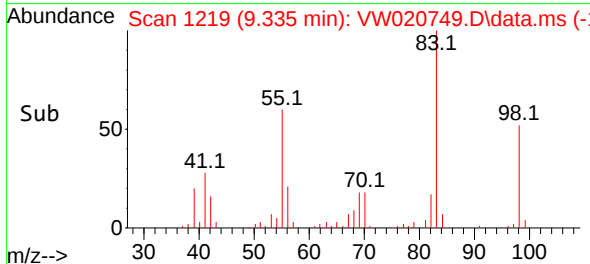
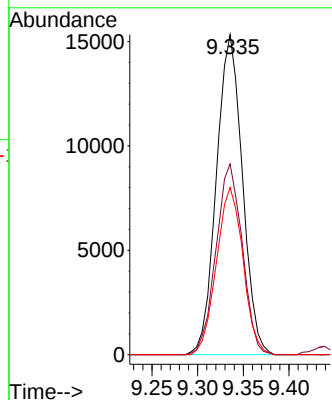
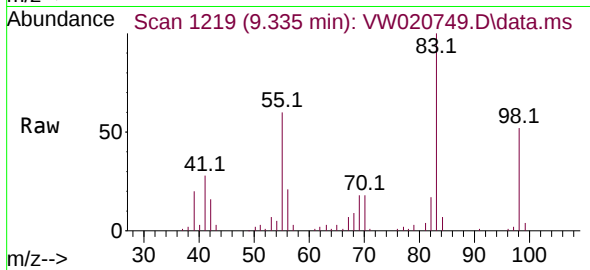




#39
Methylcyclohexane
Concen: 52.849 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

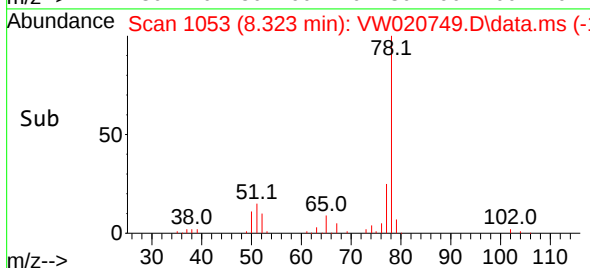
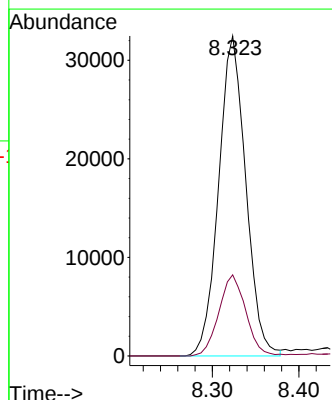
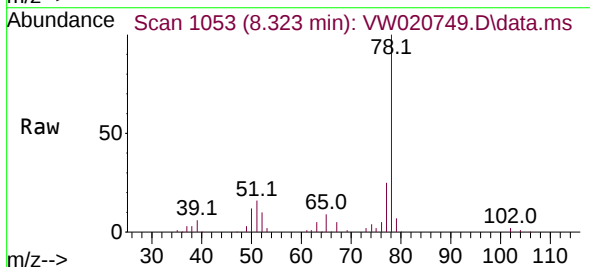
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

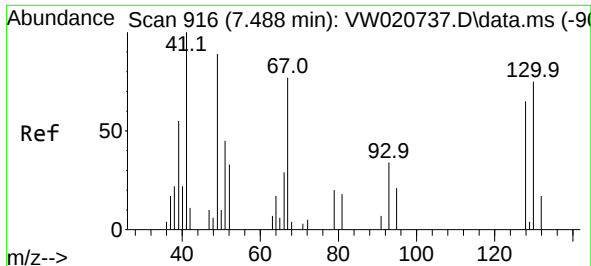
Tgt Ion: 83 Resp: 30323
Ion Ratio Lower Upper
83 100
55 59.6 47.4 71.0
98 52.2 41.8 62.6



#40
Benzene
Concen: 51.633 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 78 Resp: 70753
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.4

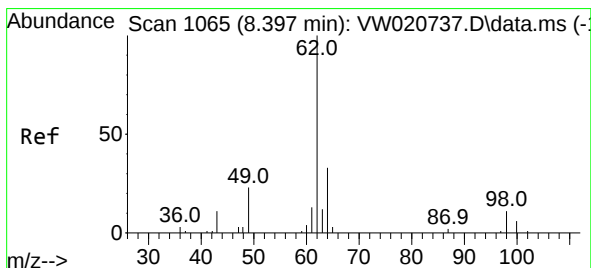
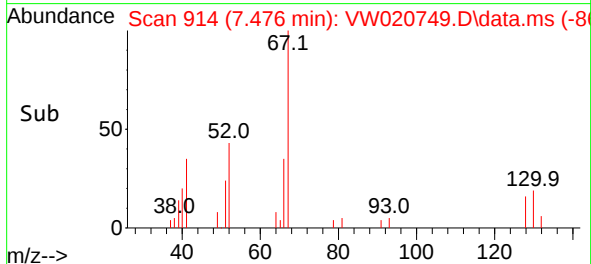
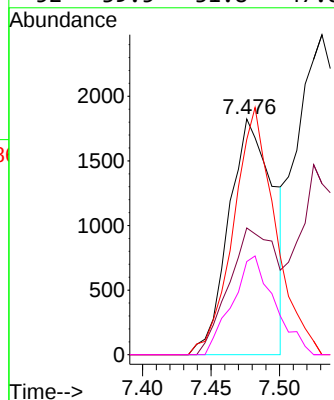
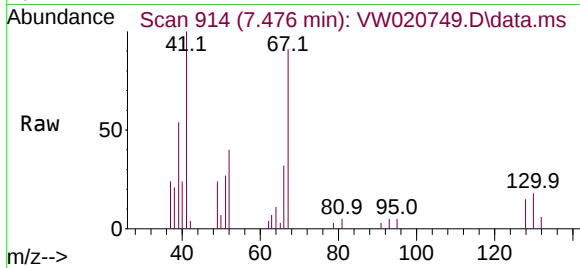




#41
Methacrylonitrile
Concen: 50.391 ug/l
RT: 7.476 min Scan# 914
Delta R.T. -0.012 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

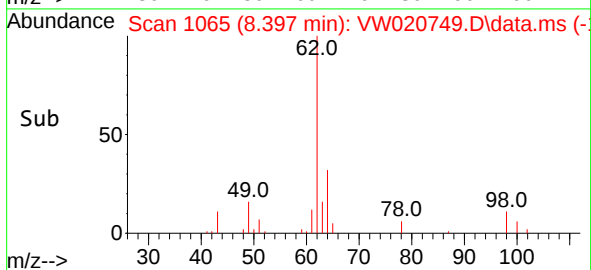
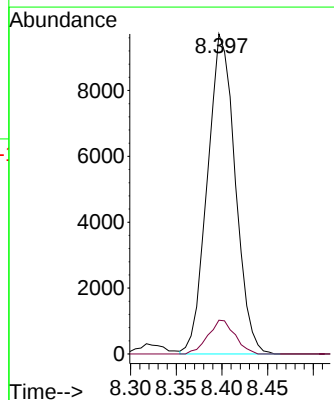
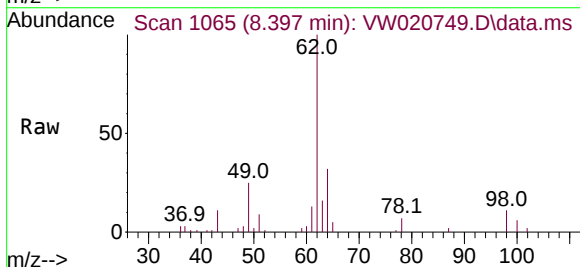
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

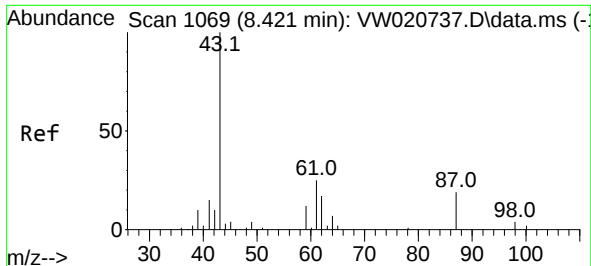
Tgt Ion: 41	Resp: 4159
Ion Ratio	Lower Upper
41 100	
39 56.2	51.6 77.4
67 98.2	81.0 121.4
52 39.5	31.8 47.8



#42
1,2-Dichloroethane
Concen: 52.548 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 62	Resp: 20567
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 21.6

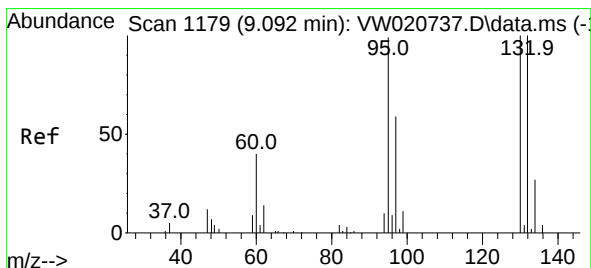
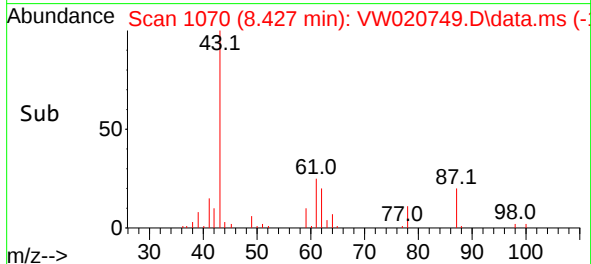
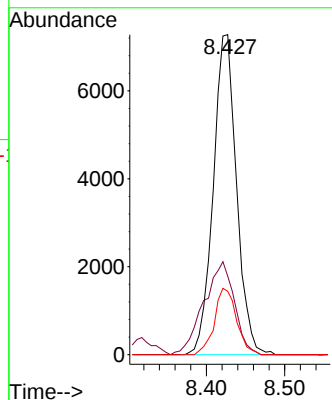
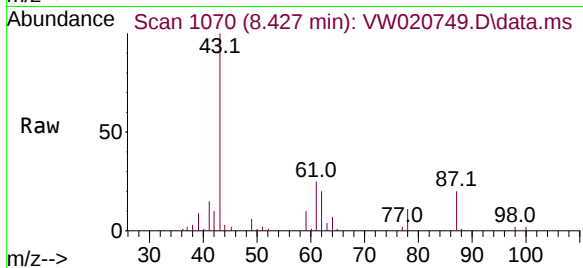




#43
Isopropyl Acetate
Concen: 53.493 ug/l
RT: 8.427 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

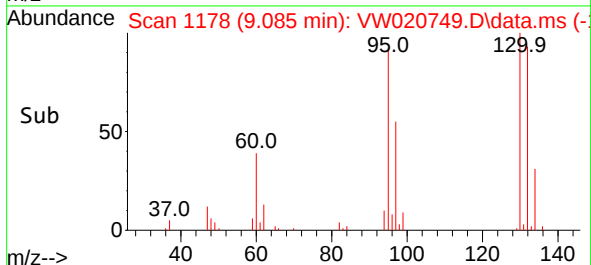
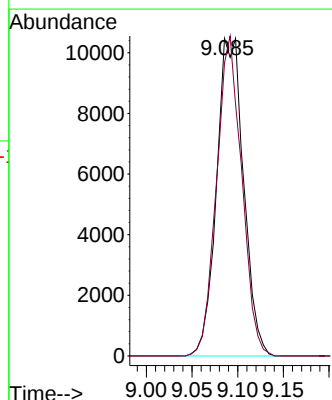
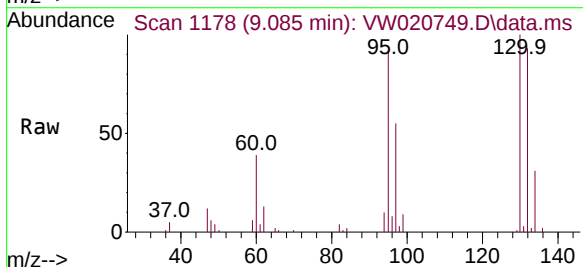
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

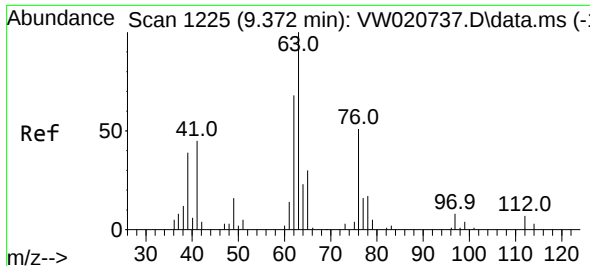
Tgt Ion: 43 Resp: 15050
Ion Ratio Lower Upper
43 100
61 38.1 30.0 45.0
87 19.7 15.0 22.4



#44
Trichloroethene
Concen: 51.288 ug/l
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 130 Resp: 21559
Ion Ratio Lower Upper
130 100
95 92.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 52.007 ug/l

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

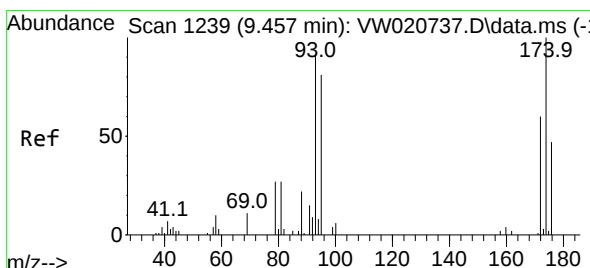
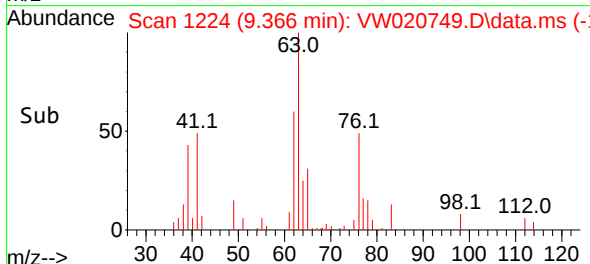
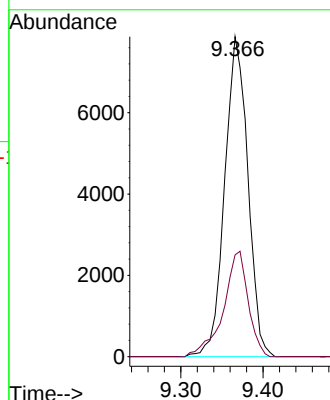
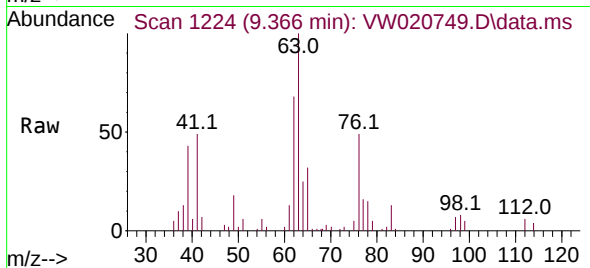
VSTDCCC050EC

Tgt Ion: 63 Resp: 15417

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.2



#46

Dibromomethane

Concen: 51.728 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

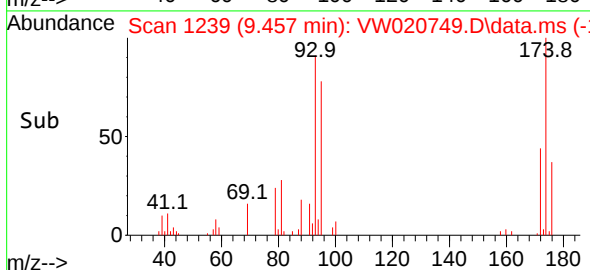
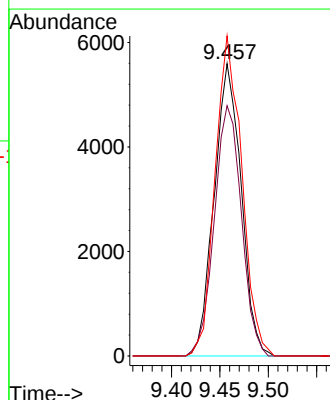
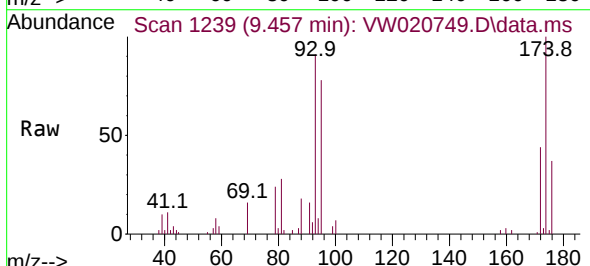
Tgt Ion: 93 Resp: 10817

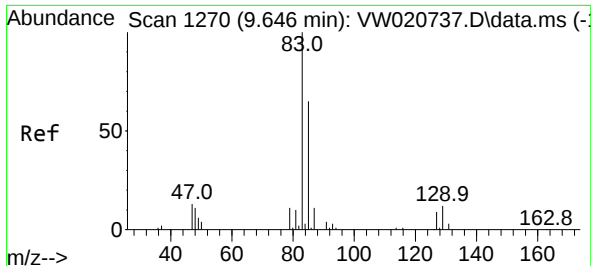
Ion Ratio Lower Upper

93 100

95 86.1 68.6 103.0

174 108.6 87.8 131.8





#47

Bromodichloromethane

Concen: 53.889 ug/l

RT: 9.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

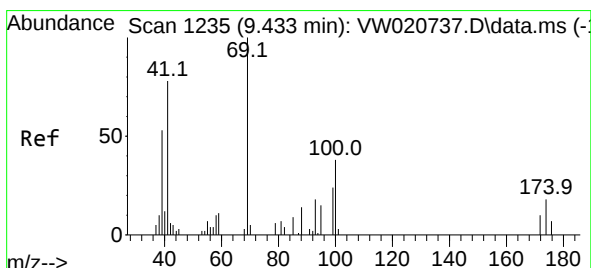
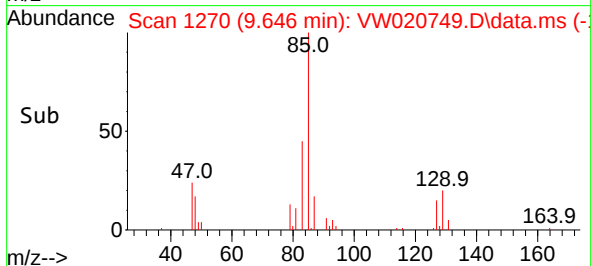
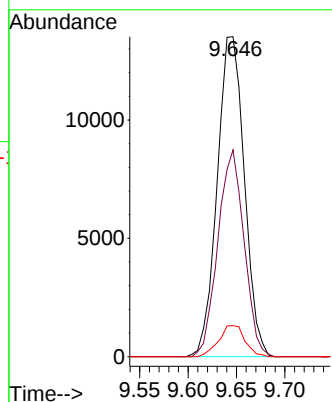
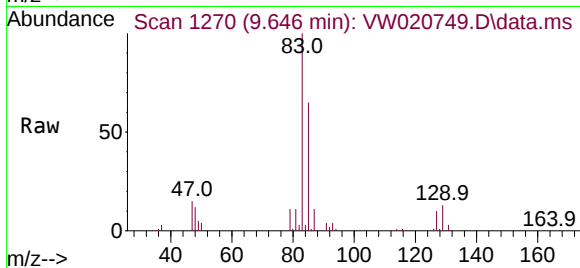
Tgt Ion: 83 Resp: 26359

Ion Ratio Lower Upper

83 100

85 64.6 51.9 77.9

127 9.7 7.6 11.4



#48

Methyl methacrylate

Concen: 50.971 ug/l

RT: 9.439 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

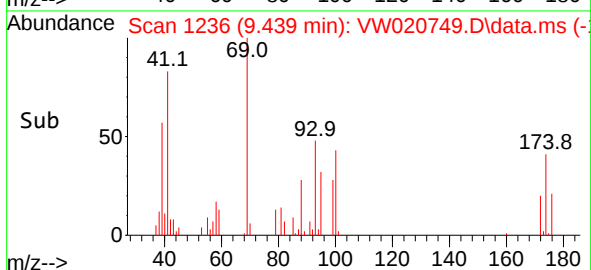
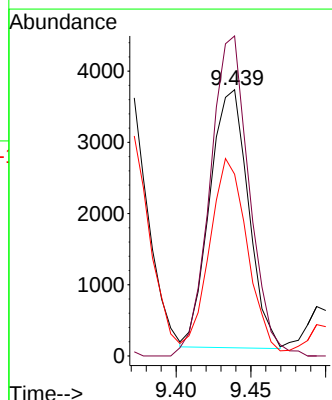
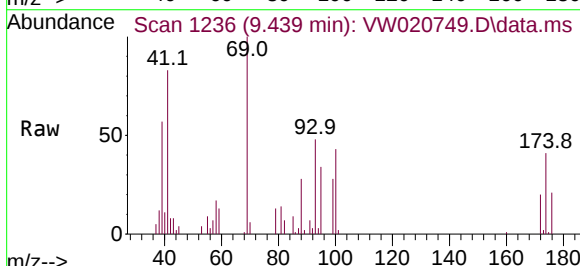
Tgt Ion: 41 Resp: 6520

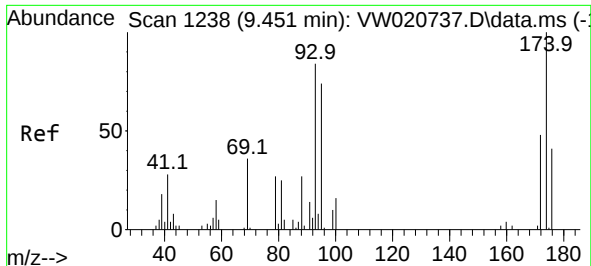
Ion Ratio Lower Upper

41 100

69 125.6 96.4 144.6

39 75.8 51.9 77.9





#49

1,4-Dioxane

Concen: 969.790 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

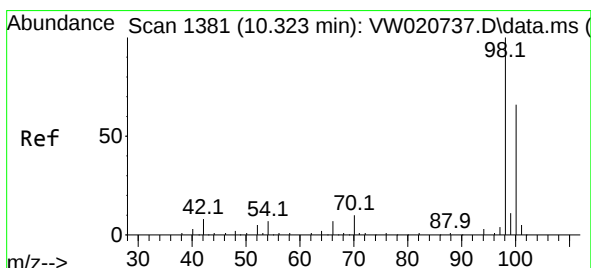
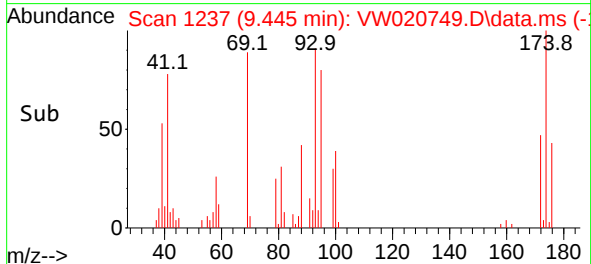
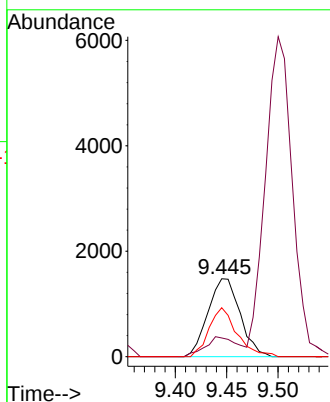
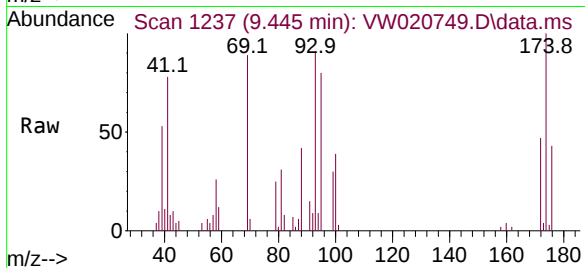
Tgt Ion: 88 Resp: 3206

Ion Ratio Lower Upper

88 100

43 23.9 19.0 28.6

58 54.6 46.2 69.4



#50

Toluene-d8

Concen: 43.601 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020749.D

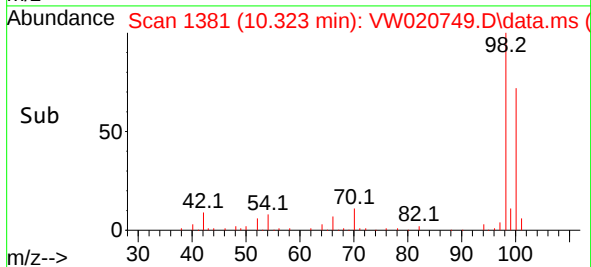
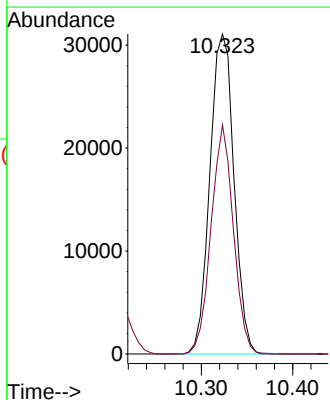
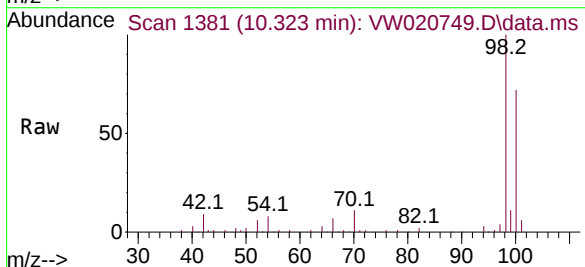
Acq: 02 Nov 2021 22:05

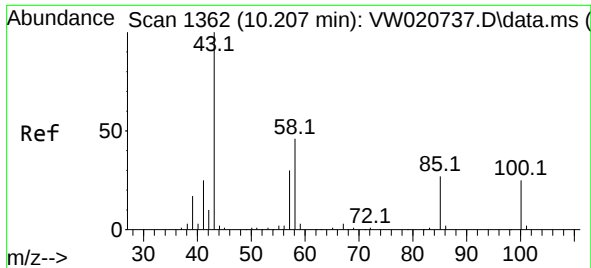
Tgt Ion: 98 Resp: 57031

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.4

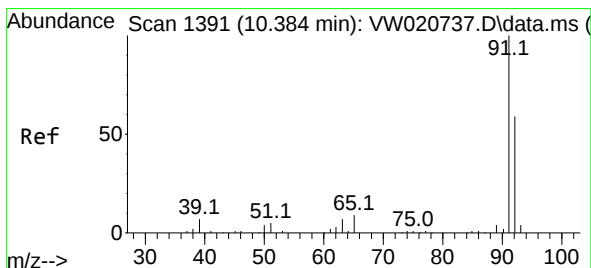
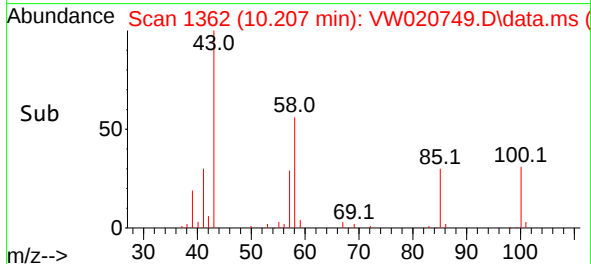
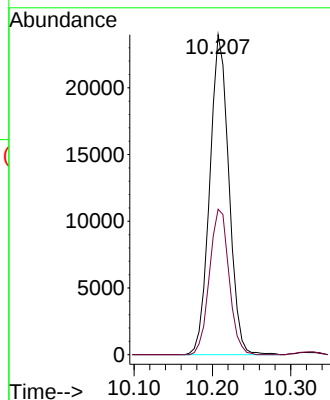
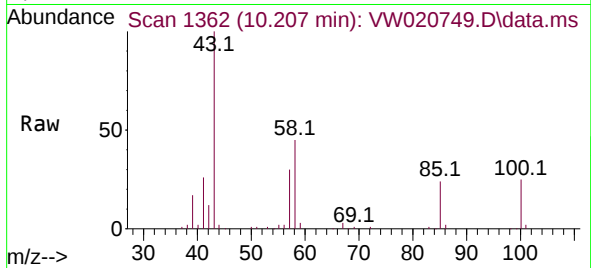




#51
4-Methyl-2-Pentanone
Concen: 225.606 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

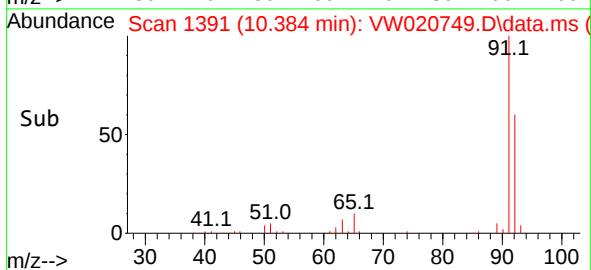
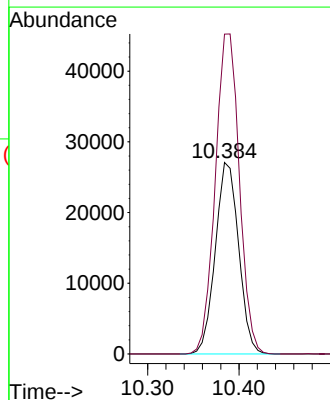
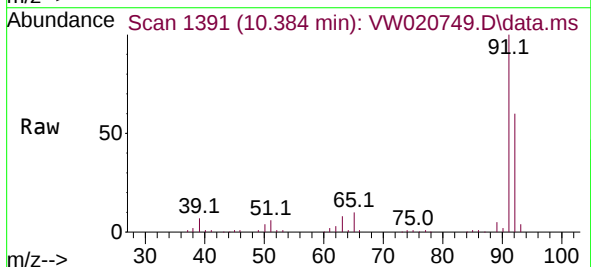
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

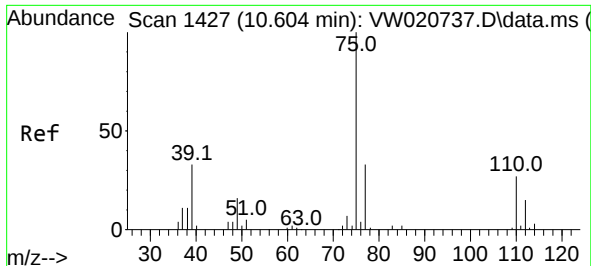
Tgt Ion: 43 Resp: 40684
Ion Ratio Lower Upper
43 100
58 46.3 37.4 56.2



#52
Toluene
Concen: 53.962 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 92 Resp: 48002
Ion Ratio Lower Upper
92 100
91 172.8 144.3 216.5





#53

t-1,3-Dichloropropene

Concen: 51.795 ug/l

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

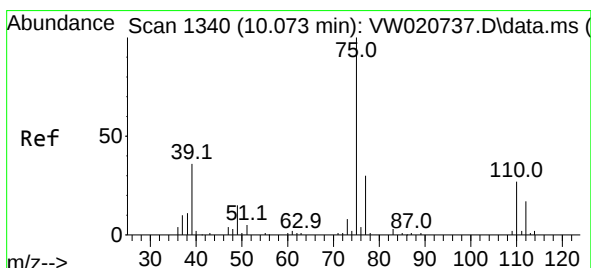
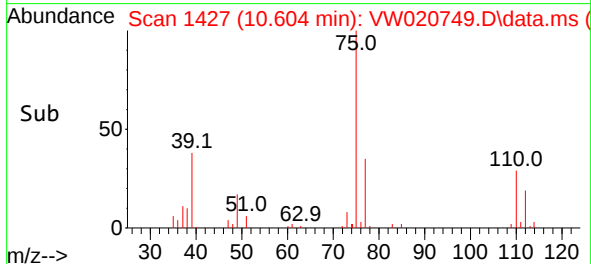
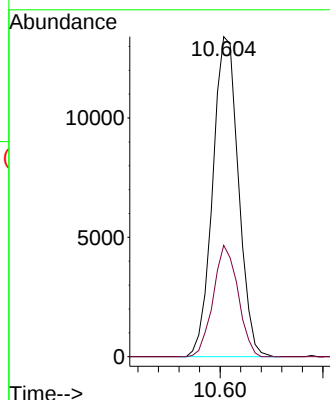
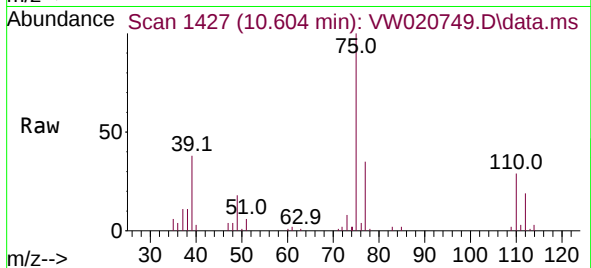
VSTDCCC050EC

Tgt Ion: 75 Resp: 23274

Ion Ratio Lower Upper

75 100

77 34.8 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 52.462 ug/l

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

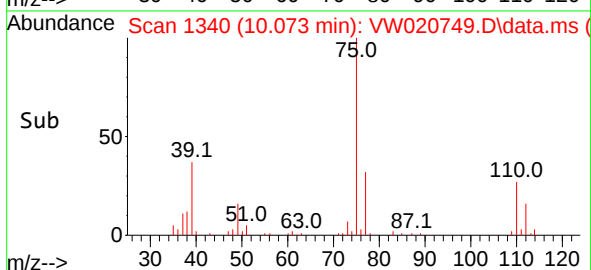
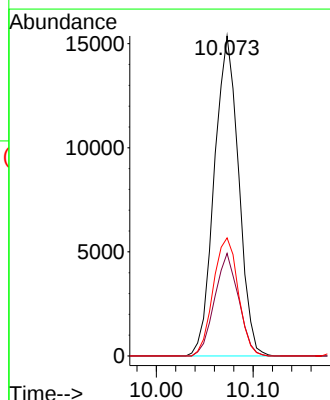
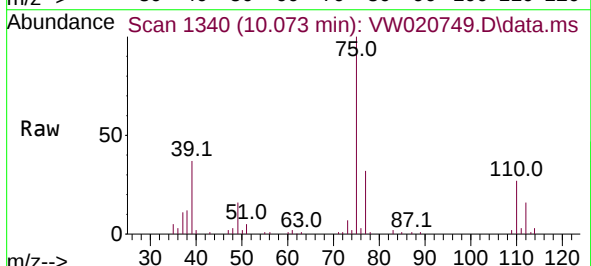
Tgt Ion: 75 Resp: 26852

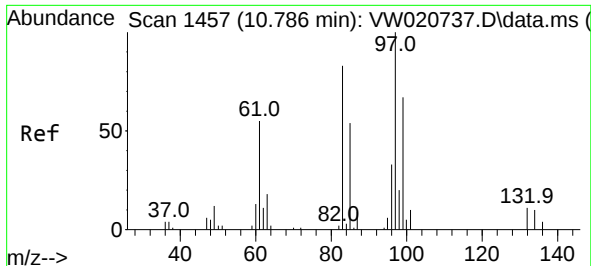
Ion Ratio Lower Upper

75 100

77 32.1 24.2 36.4

39 36.9 29.2 43.8





#55

1,1,2-Trichloroethane

Concen: 52.576 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 15135

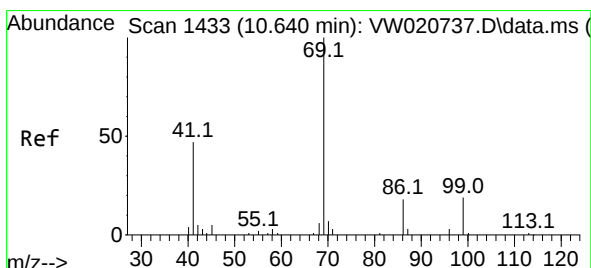
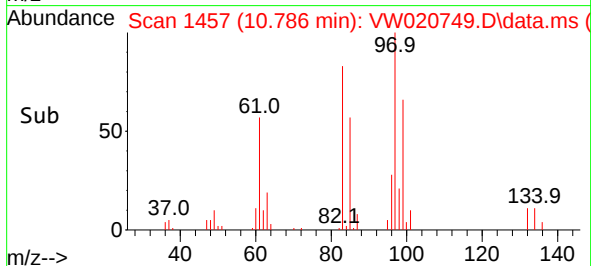
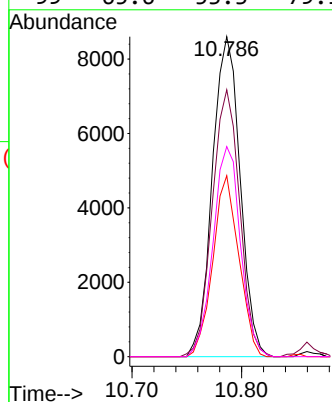
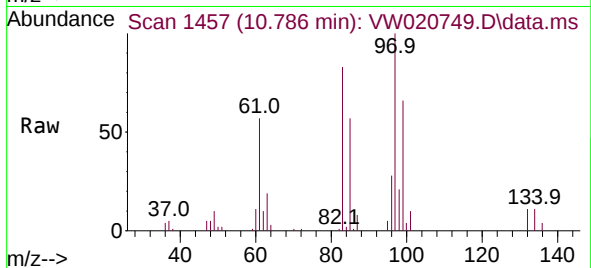
Ion Ratio Lower Upper

97 100

83 83.4 66.5 99.7

85 56.5 43.0 64.6

99 65.6 53.3 79.9



#56

Ethyl methacrylate

Concen: 49.729 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

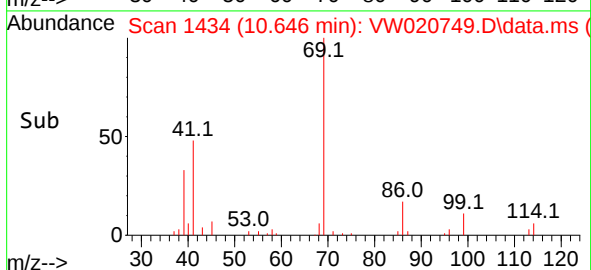
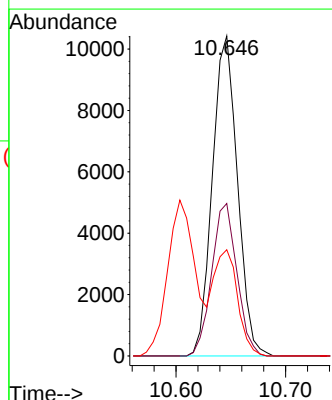
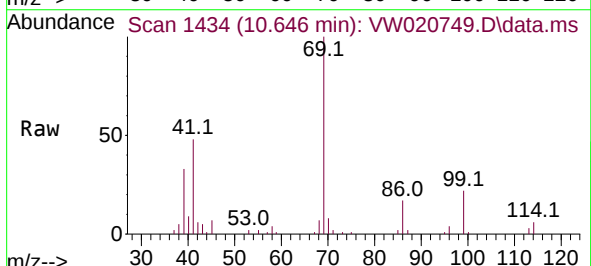
Tgt Ion: 69 Resp: 16566

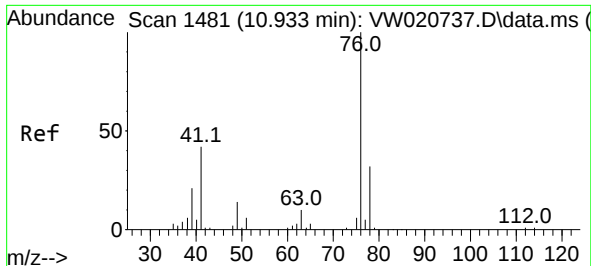
Ion Ratio Lower Upper

69 100

41 48.0 39.2 58.8

39 31.6 26.5 39.7





#57

1,3-Dichloropropane

Concen: 53.766 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

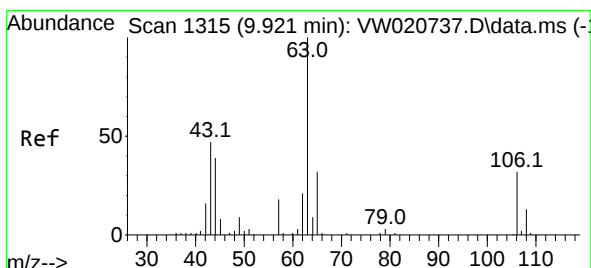
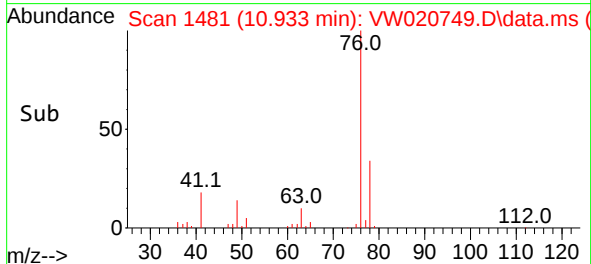
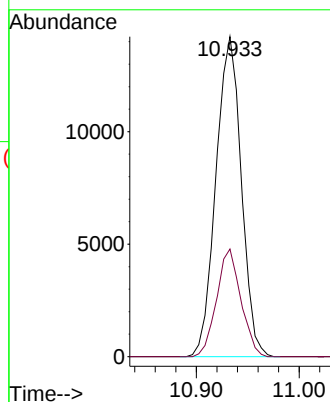
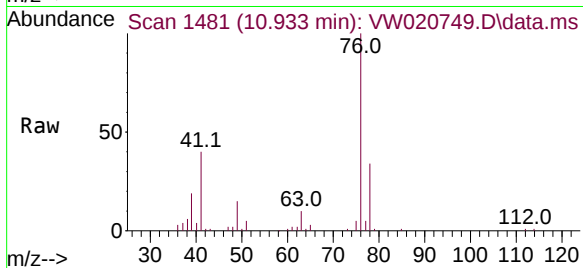
VSTDCCC050EC

Tgt Ion: 76 Resp: 24353

Ion Ratio Lower Upper

76 100

78 32.1 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 270.914 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020749.D

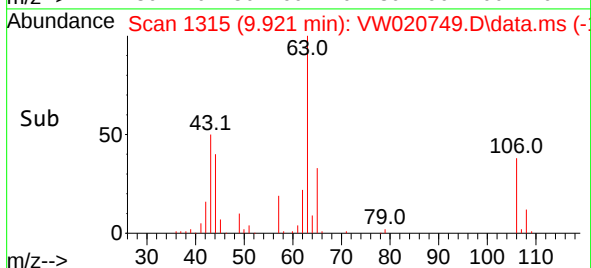
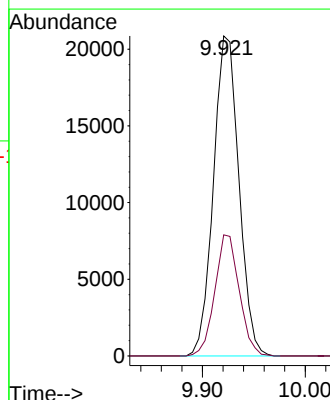
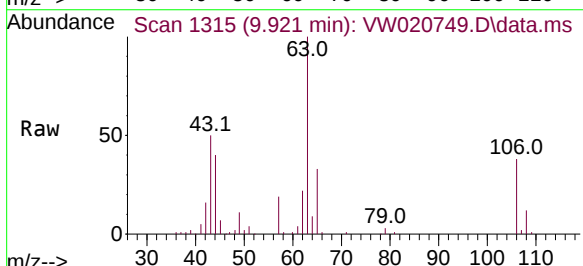
Acq: 02 Nov 2021 22:05

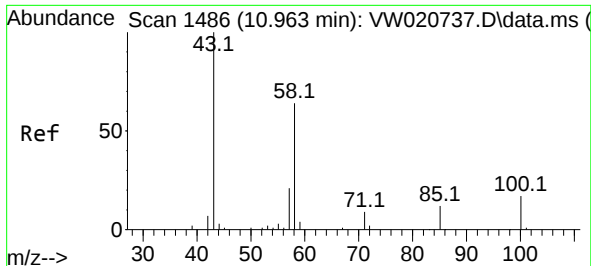
Tgt Ion: 63 Resp: 35935

Ion Ratio Lower Upper

63 100

106 36.2 27.4 41.0

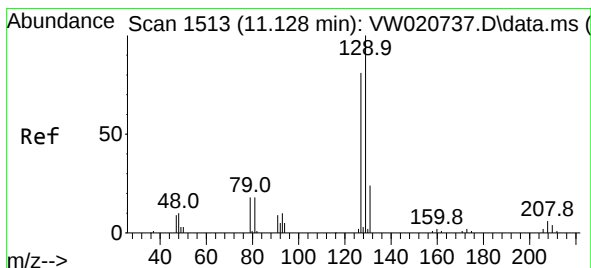
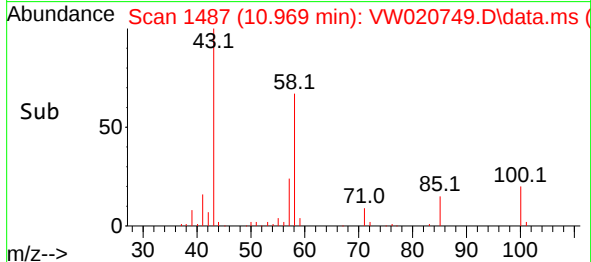
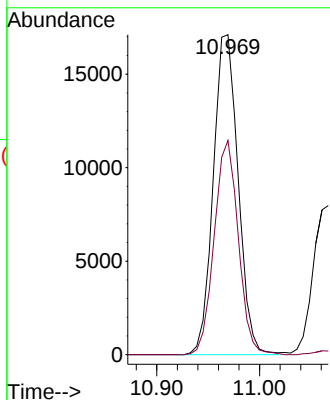
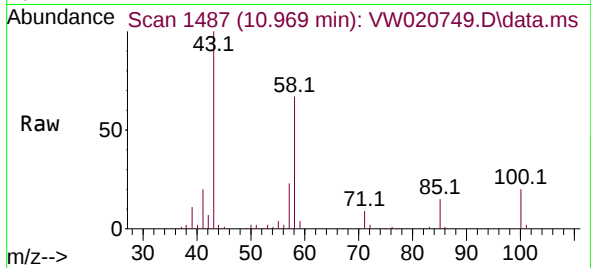




#59
2-Hexanone
Concen: 227.249 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

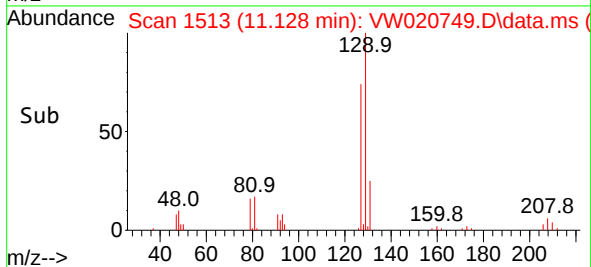
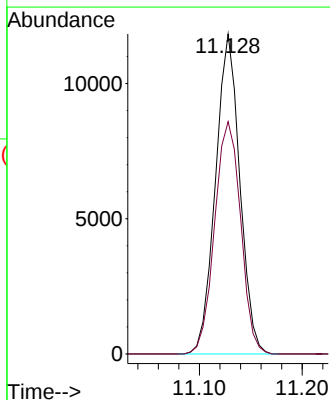
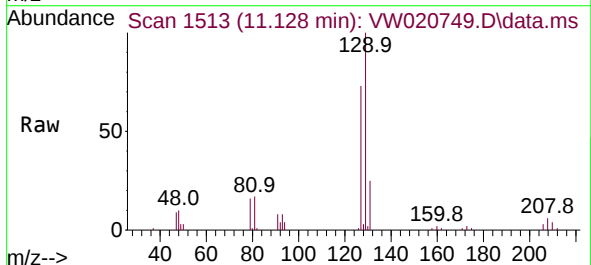
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

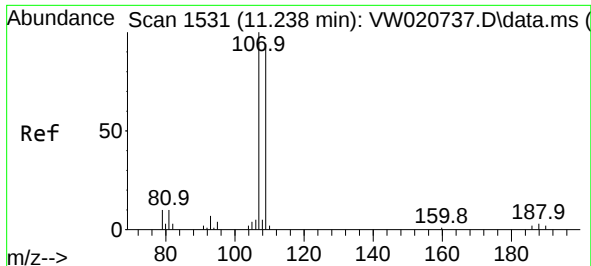
Tgt Ion: 43 Resp: 28739
Ion Ratio Lower Upper
43 100
58 64.7 32.5 97.4



#60
Dibromochloromethane
Concen: 54.109 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 129 Resp: 19408
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1

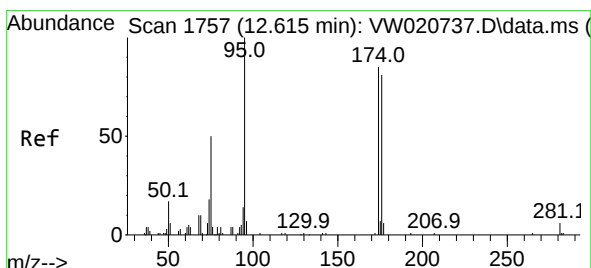
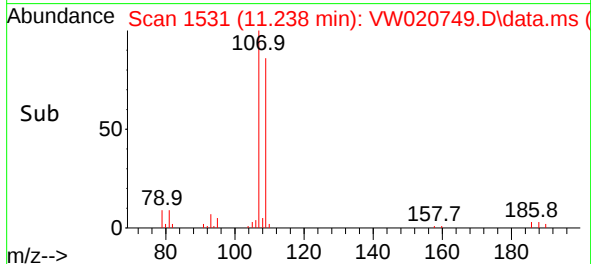
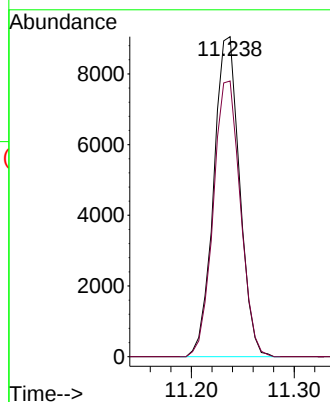
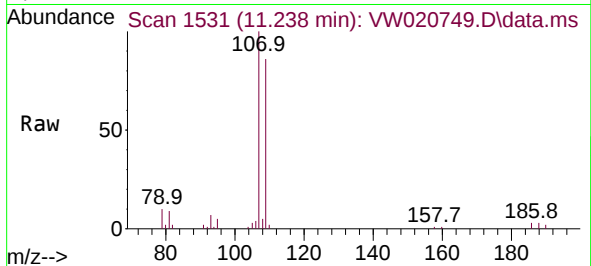




#61
1,2-Dibromoethane
Concen: 55.316 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

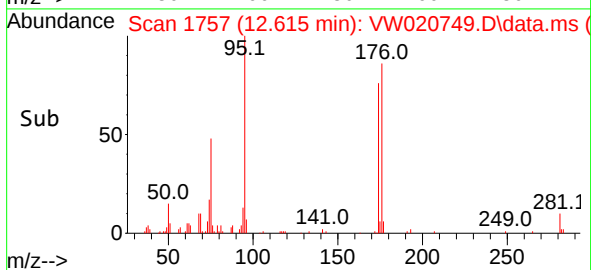
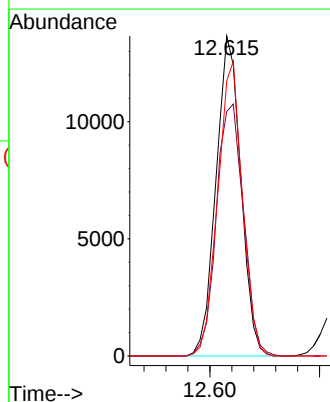
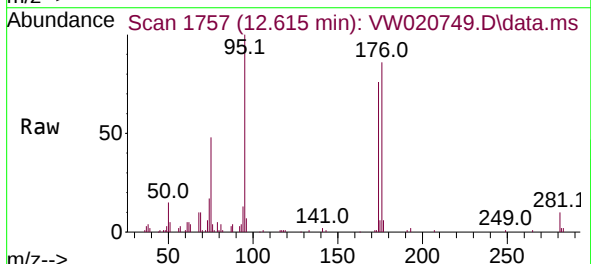
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

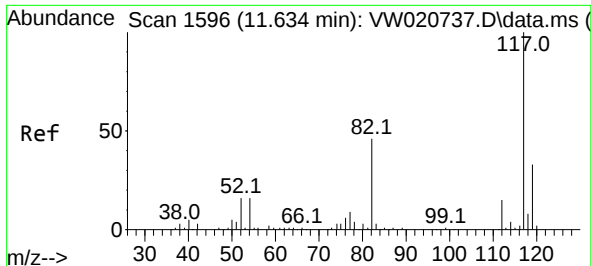
Tgt Ion:107 Resp: 15838
Ion Ratio Lower Upper
107 100
109 89.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 95 Resp: 21456
Ion Ratio Lower Upper
95 100
174 86.4 0.0 182.8
176 91.5 0.0 170.4

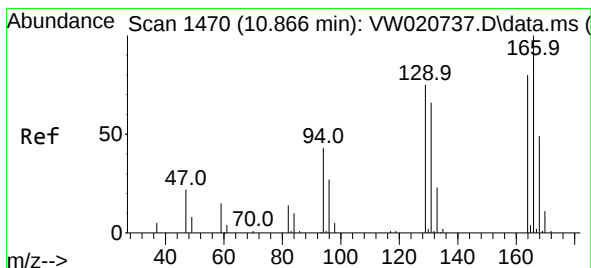
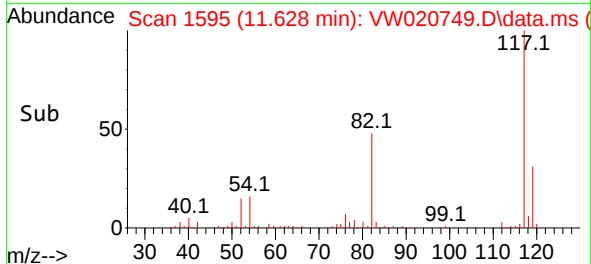
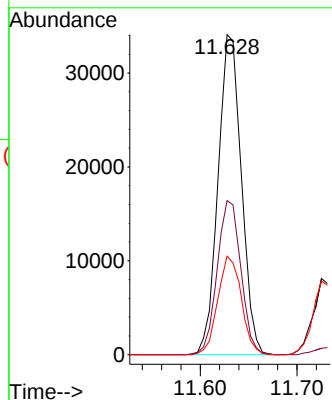
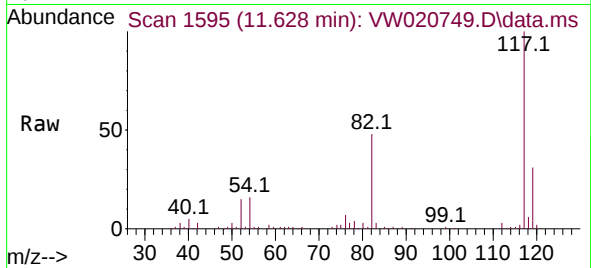




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

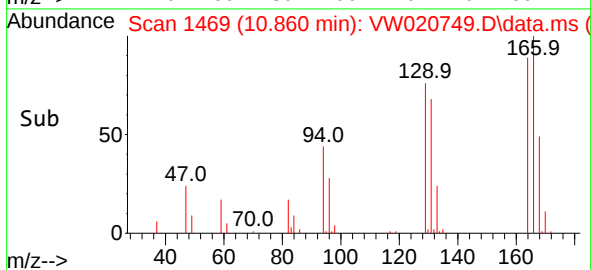
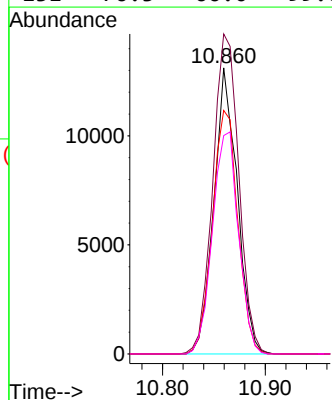
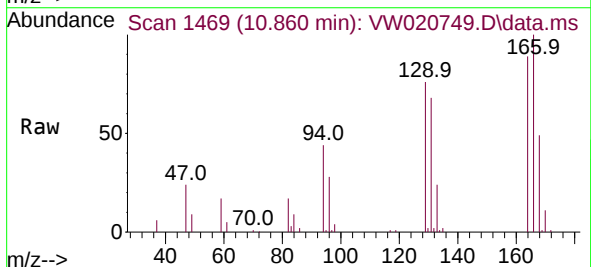
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

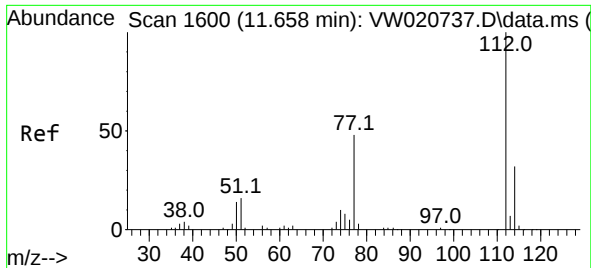
Tgt Ion:117 Resp: 57097
Ion Ratio Lower Upper
117 100
82 48.1 37.0 55.4
119 30.8 26.0 39.0



#64
Tetrachloroethene
Concen: 55.798 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:164 Resp: 20793
Ion Ratio Lower Upper
164 100
166 111.9 100.5 150.7
129 85.1 75.5 113.3
131 76.3 66.0 99.0

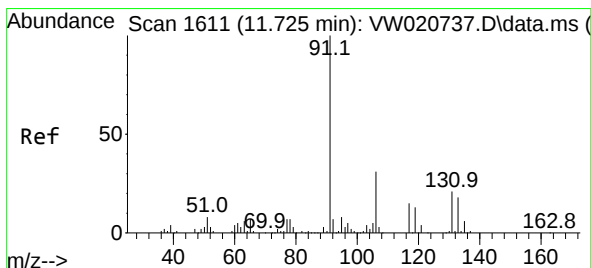
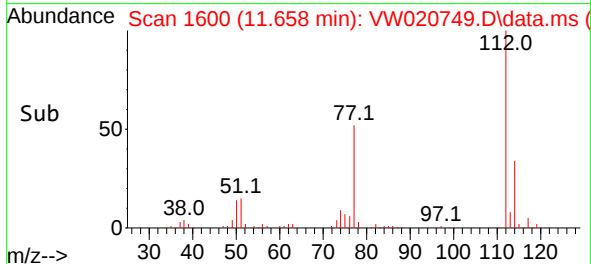
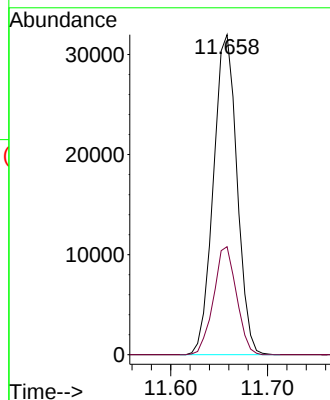
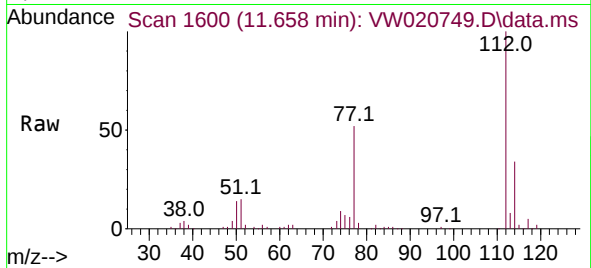




#65
Chlorobenzene
Concen: 50.497 ug/l
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

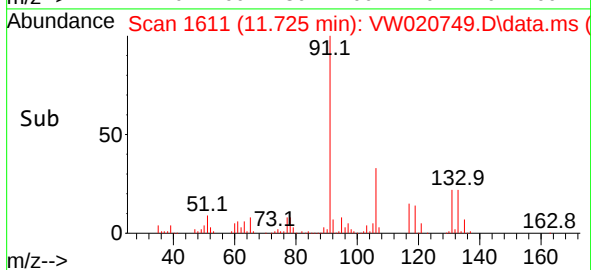
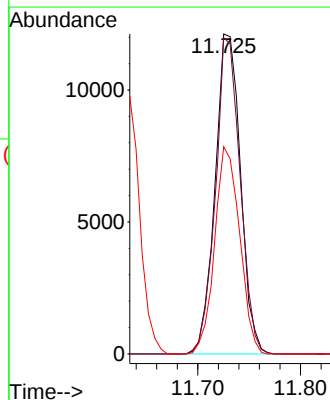
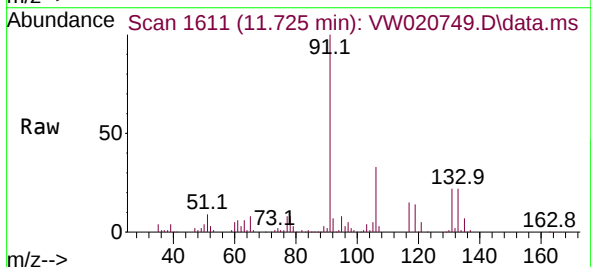
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

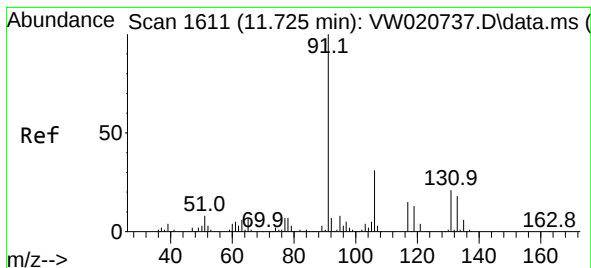
Tgt Ion:112 Resp: 54117
Ion Ratio Lower Upper
112 100
114 33.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.642 ug/l
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:131 Resp: 20793
Ion Ratio Lower Upper
131 100
133 96.0 45.9 137.6
119 63.8 32.1 96.3





#67

Ethyl Benzene

Concen: 52.215 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

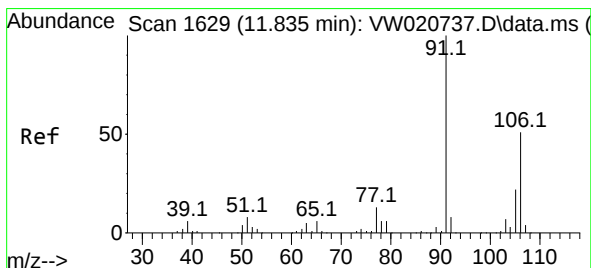
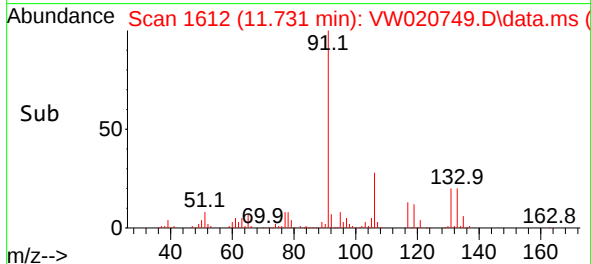
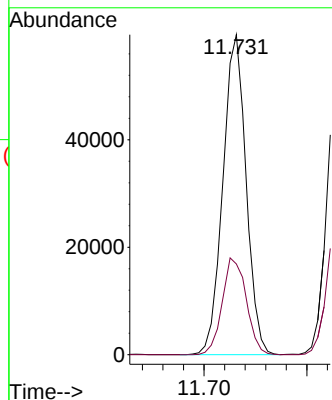
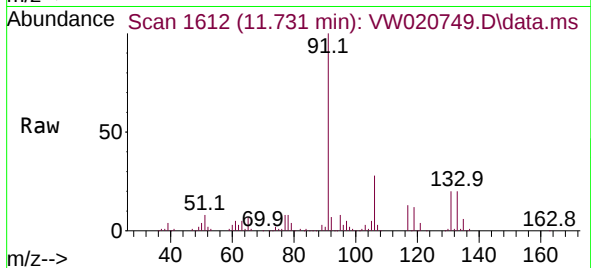
VSTDCCC050EC

Tgt Ion: 91 Resp: 93315

Ion Ratio Lower Upper

91 100

106 28.4 24.5 36.7



#68

m/p-Xylenes

Concen: 106.513 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW020749.D

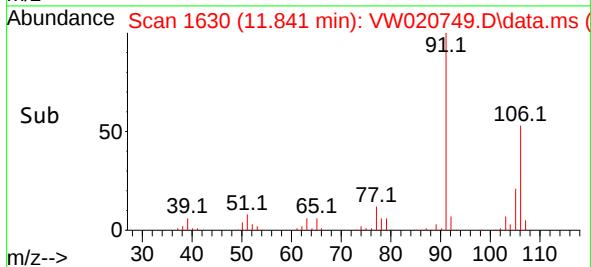
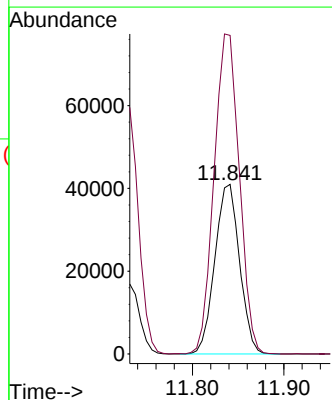
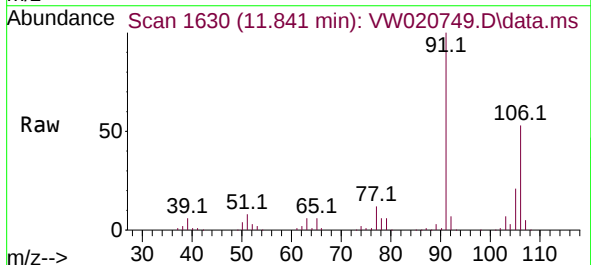
Acq: 02 Nov 2021 22:05

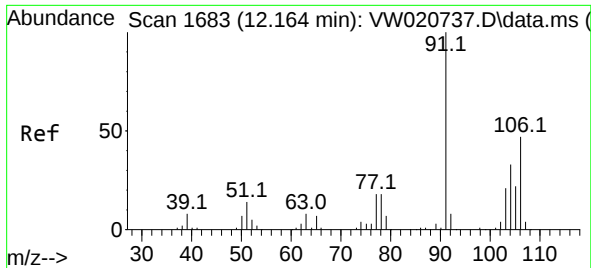
Tgt Ion:106 Resp: 76862

Ion Ratio Lower Upper

106 100

91 193.3 157.8 236.8

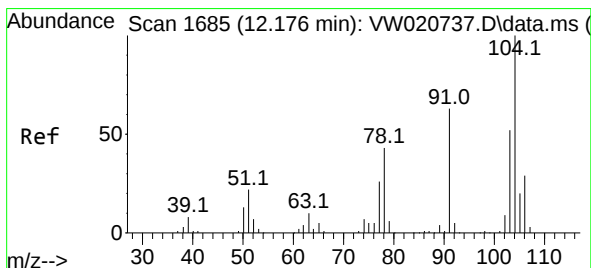
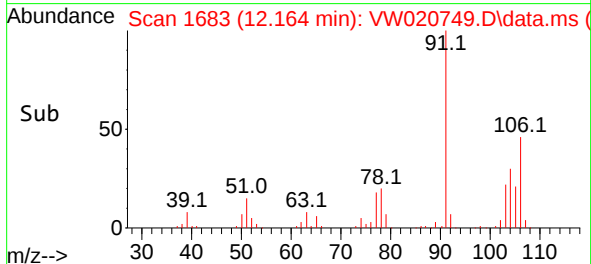
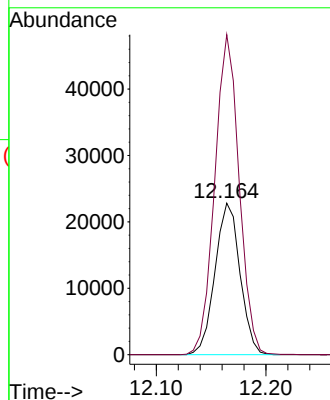
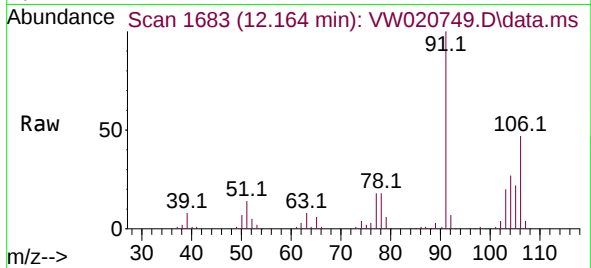




#69
o-Xylene
Concen: 53.659 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

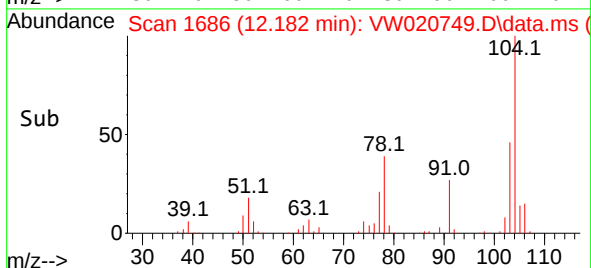
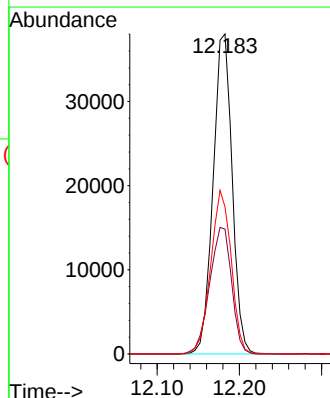
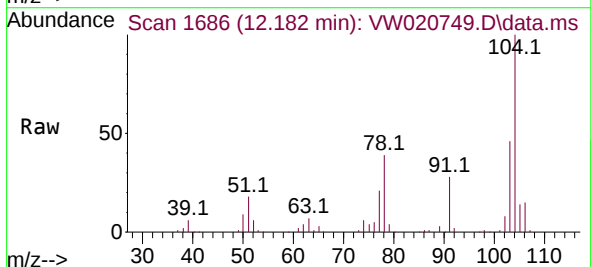
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

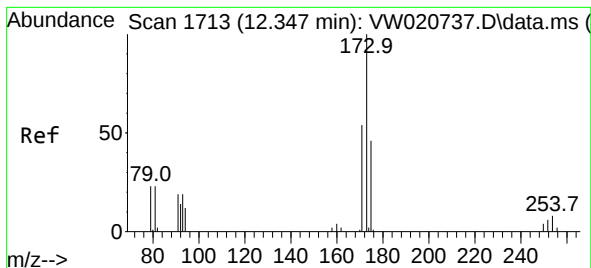
Tgt Ion:106 Resp: 36154
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.8



#70
Styrene
Concen: 53.853 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:104 Resp: 61320
Ion Ratio Lower Upper
104 100
78 45.4 36.4 54.6
103 54.8 45.0 67.6





#71

Bromoform

Concen: 53.571 ug/l

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

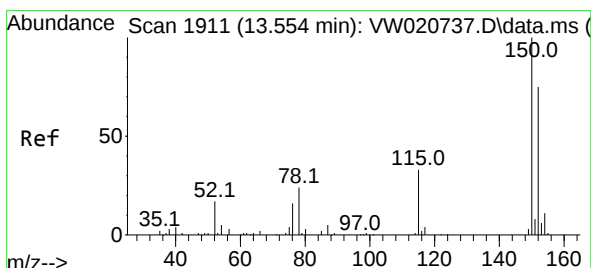
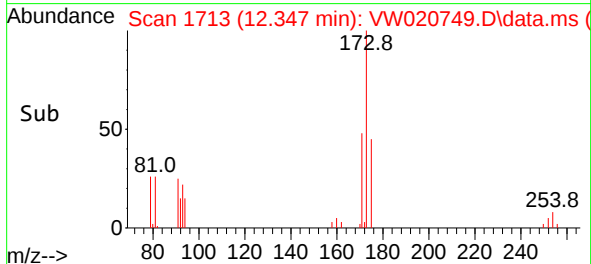
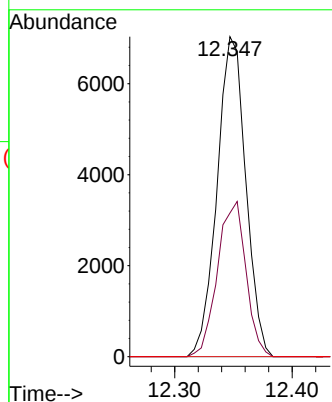
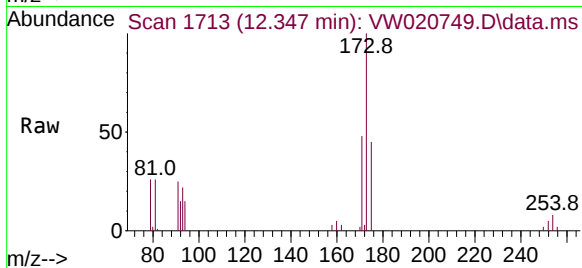
Tgt Ion:173 Resp: 11959

Ion Ratio Lower Upper

173 100

175 48.0 24.8 74.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

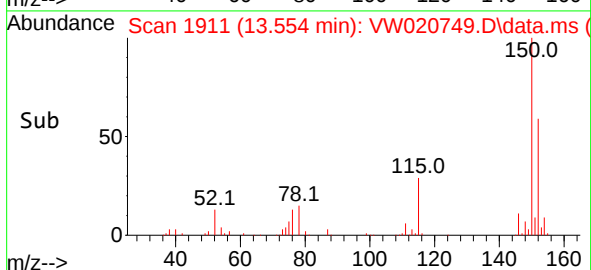
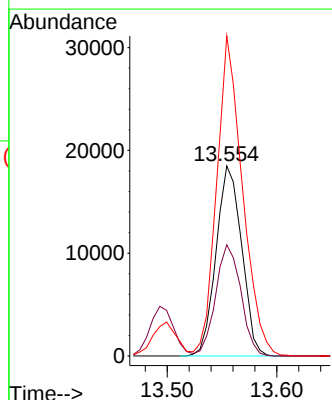
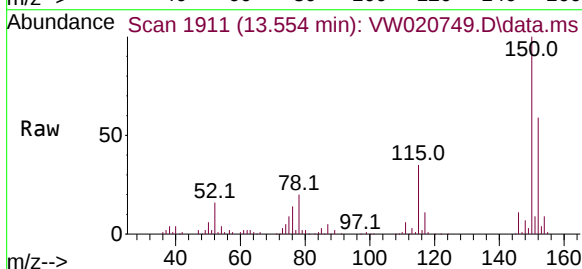
Tgt Ion:152 Resp: 29986

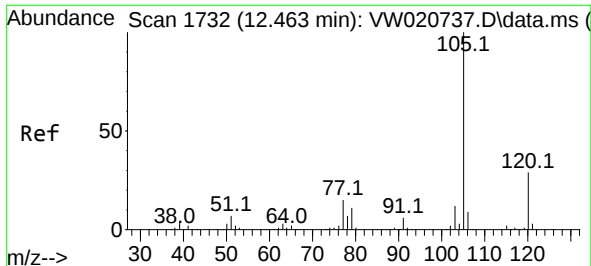
Ion Ratio Lower Upper

152 100

115 57.7 26.6 79.8

150 169.9 0.0 333.0

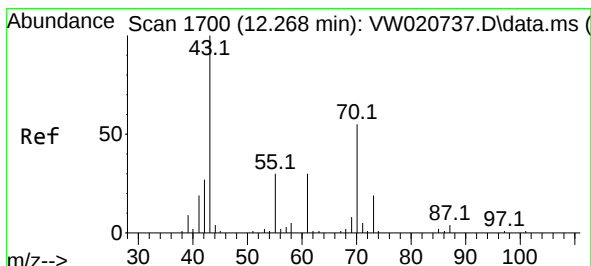
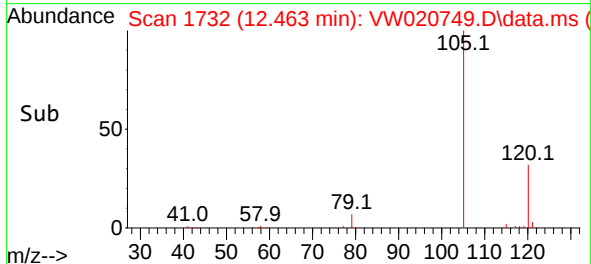
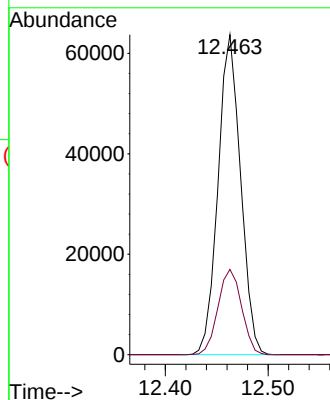
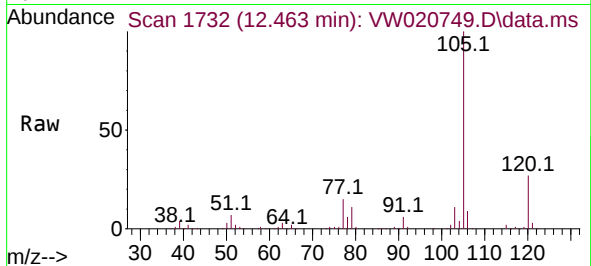




#73
Isopropylbenzene
Concen: 54.941 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

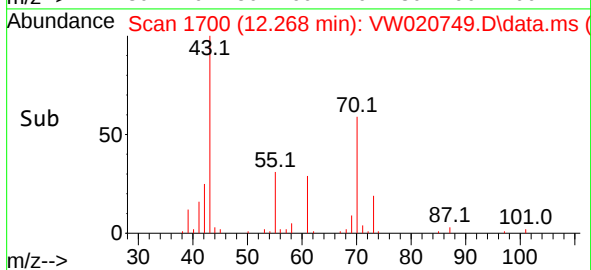
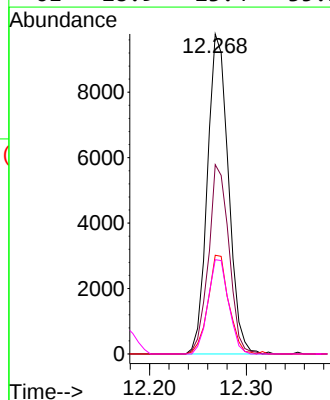
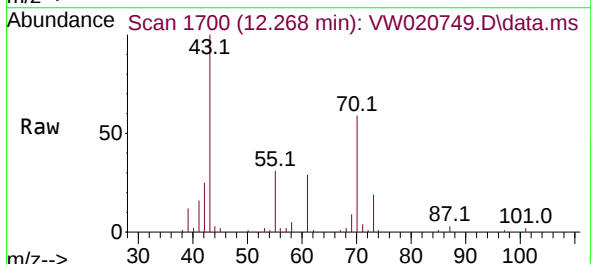
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

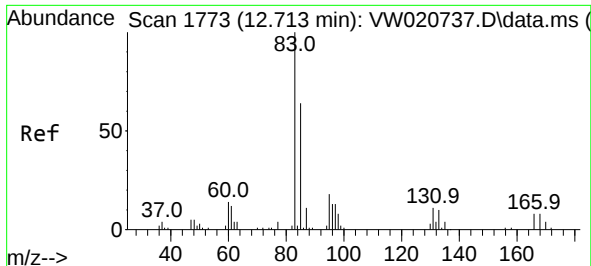
Tgt Ion:105 Resp: 97018
Ion Ratio Lower Upper
105 100
120 27.8 13.8 41.4



#74
N-ethyl acetate
Concen: 48.549 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 43 Resp: 14772
Ion Ratio Lower Upper
43 100
70 57.6 44.7 67.1
55 30.5 23.5 35.3
61 28.9 23.4 35.2

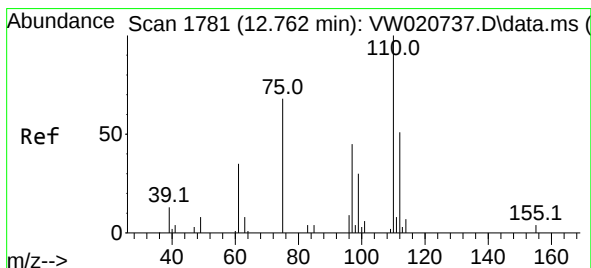
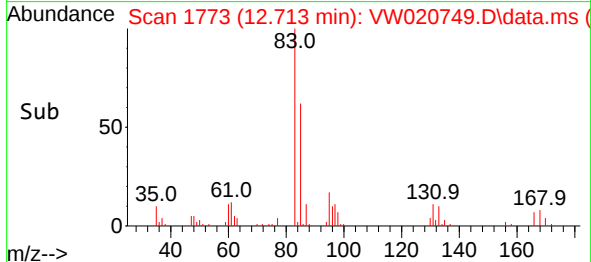
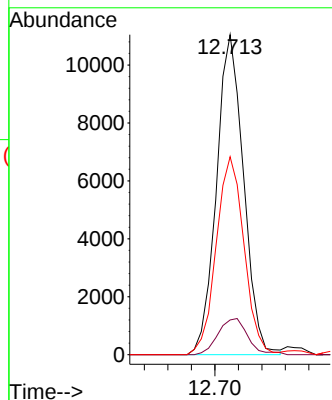
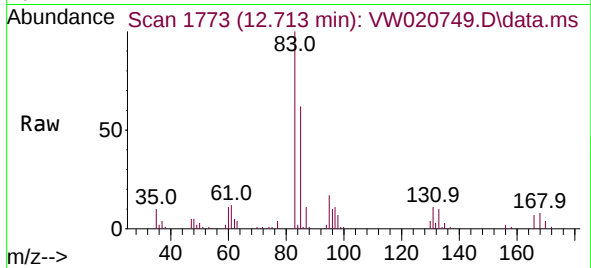




#75
1,1,2,2-Tetrachloroethane
Concen: 53.193 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

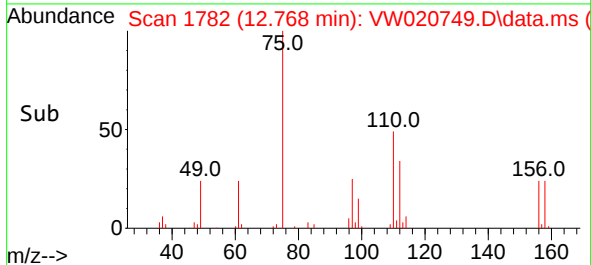
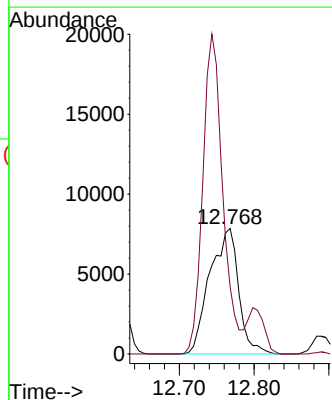
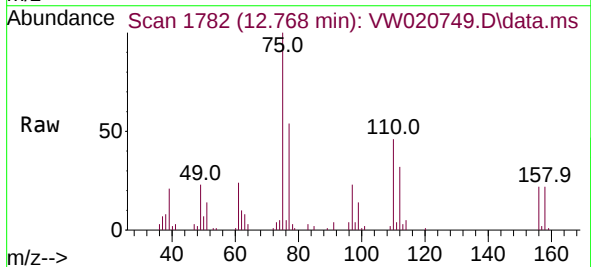
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

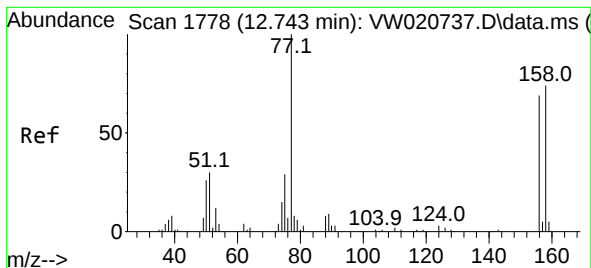
Tgt Ion: 83 Resp: 17719
Ion Ratio Lower Upper
83 100
131 12.4 5.9 17.7
85 63.5 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 90.709 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 75 Resp: 21063
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#





#77

Bromobenzene

Concen: 51.745 ug/l

RT: 12.743 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

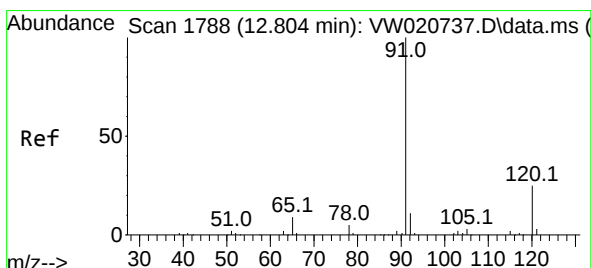
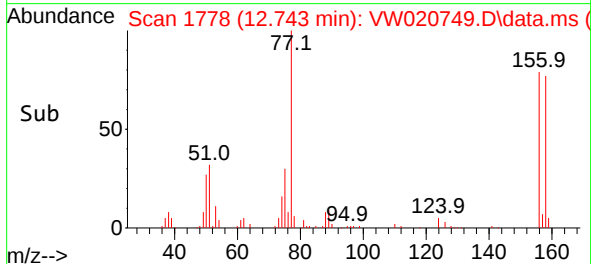
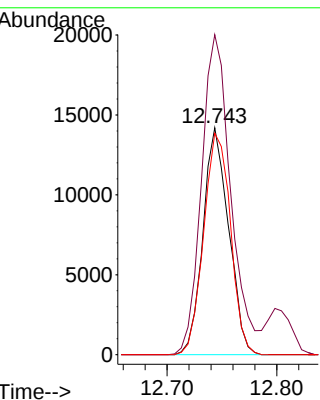
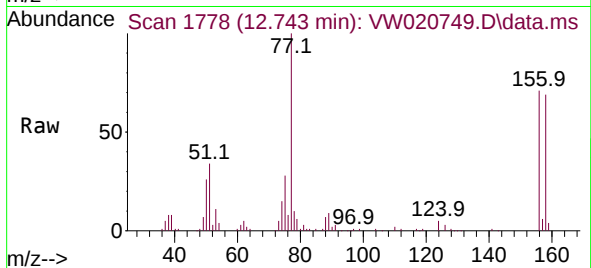
Tgt Ion:156 Resp: 23135

Ion Ratio Lower Upper

156 100

77 159.4 78.5 235.3

158 101.9 49.4 148.2



#78

n-propylbenzene

Concen: 54.889 ug/l

RT: 12.804 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VW020749.D

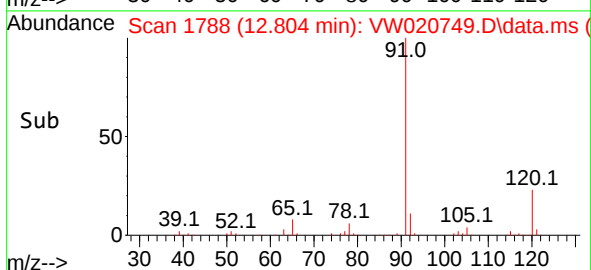
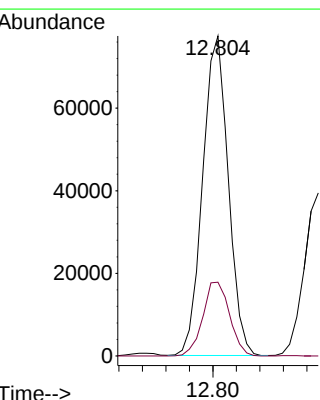
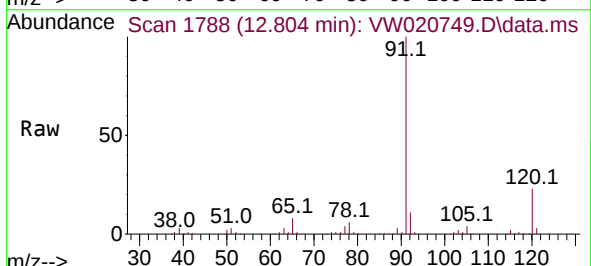
Acq: 02 Nov 2021 22:05

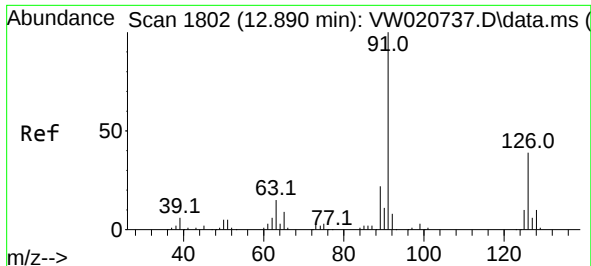
Tgt Ion: 91 Resp: 116951

Ion Ratio Lower Upper

91 100

120 24.2 12.1 36.3





#79

2-Chlorotoluene

Concen: 54.500 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

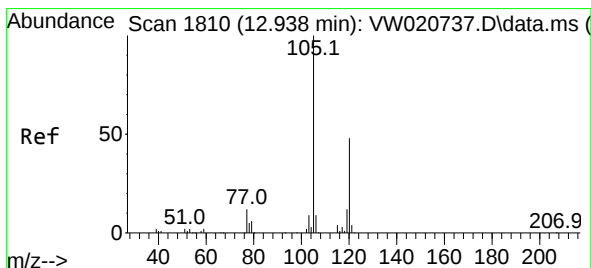
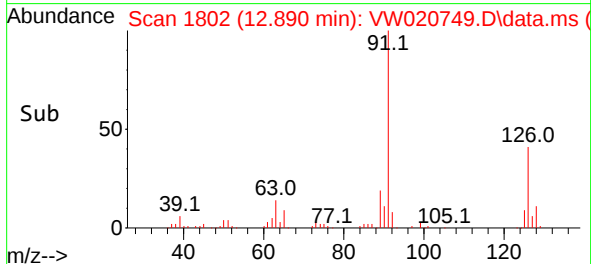
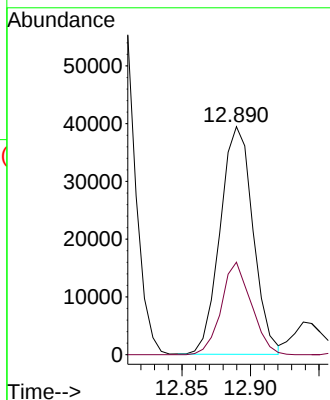
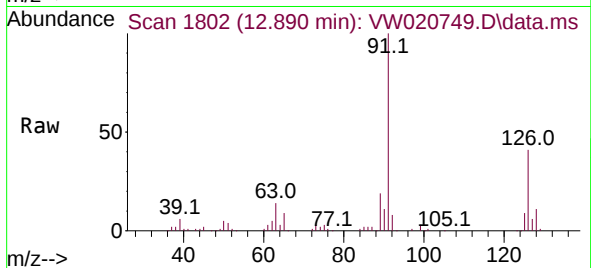
VSTDCCC050EC

Tgt Ion: 91 Resp: 65805

Ion Ratio Lower Upper

91 100

126 37.1 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 55.502 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW020749.D

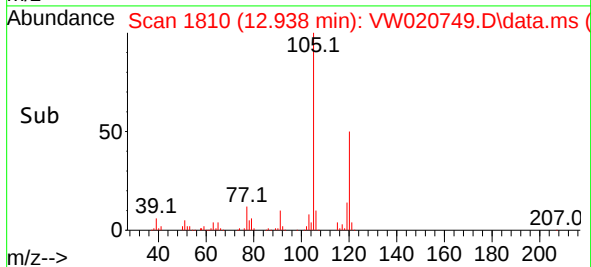
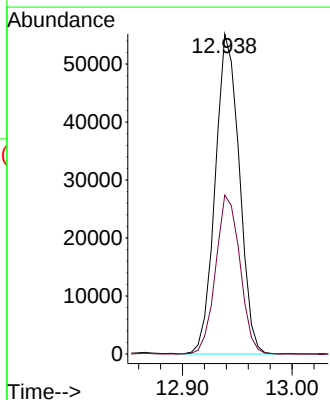
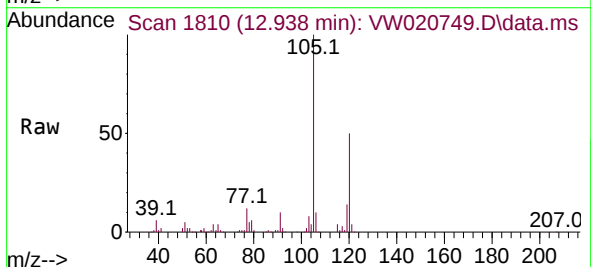
Acq: 02 Nov 2021 22:05

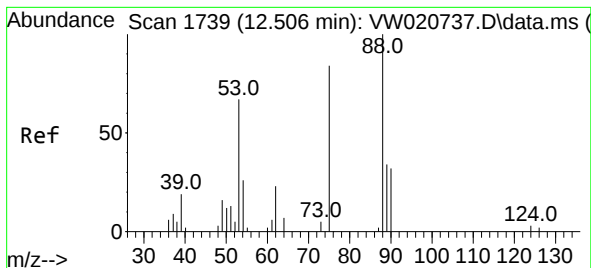
Tgt Ion: 105 Resp: 84289

Ion Ratio Lower Upper

105 100

120 50.0 24.6 74.0

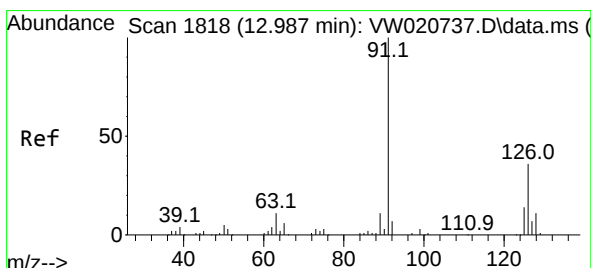
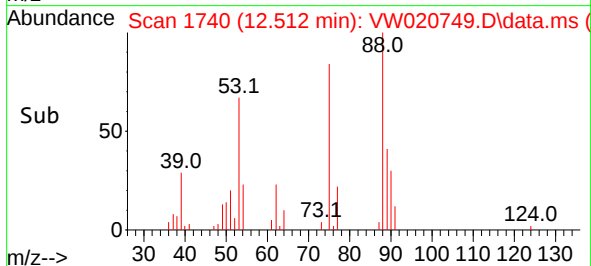
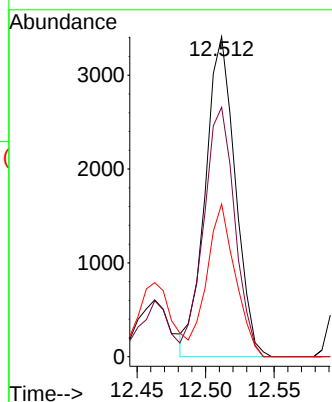
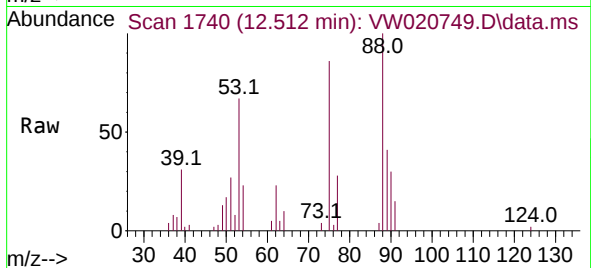




#81
trans-1,4-Dichloro-2-butene
Concen: 50.064 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.006 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

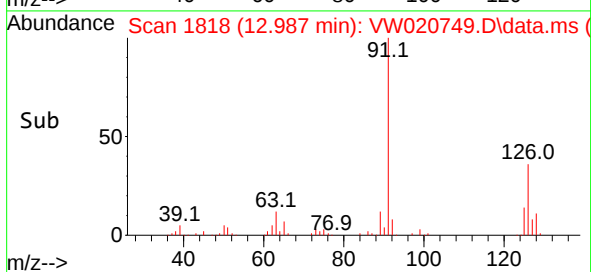
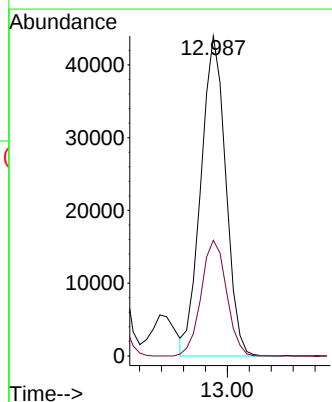
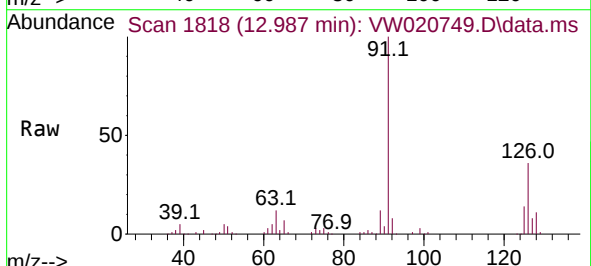
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

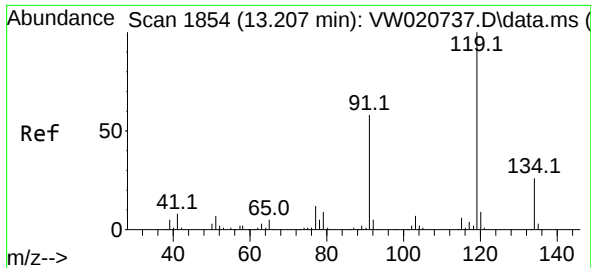
Tgt Ion: 75 Resp: 5196
Ion Ratio Lower Upper
75 100
53 80.8 67.7 101.5
89 45.0 37.5 56.3



#82
4-Chlorotoluene
Concen: 54.691 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion: 91 Resp: 69057
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.8

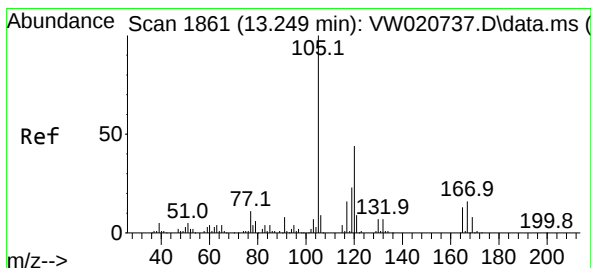
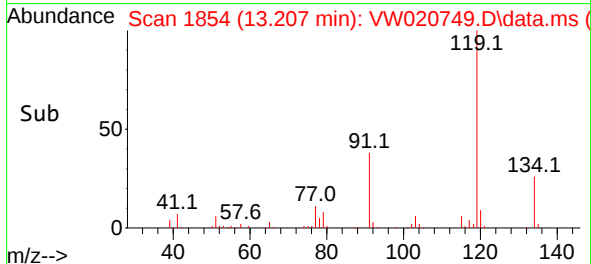
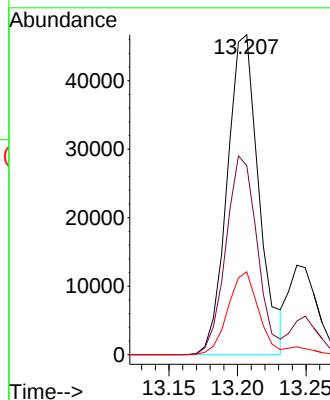
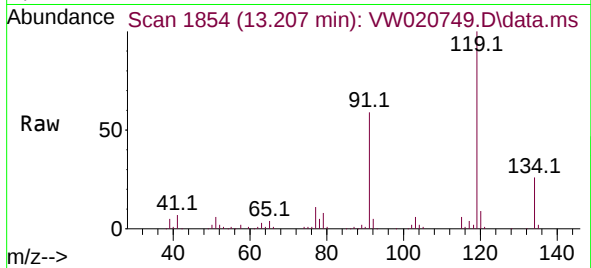




#83
tert-Butylbenzene
Concen: 56.958 ug/l
RT: 13.207 min Scan# 119
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

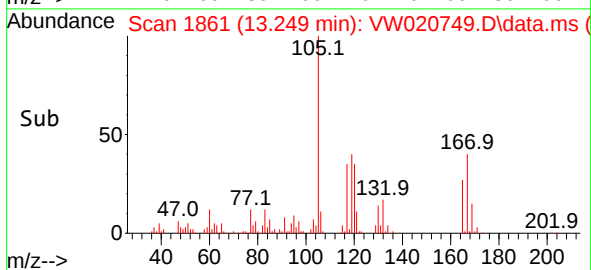
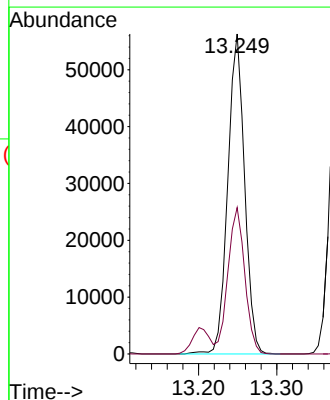
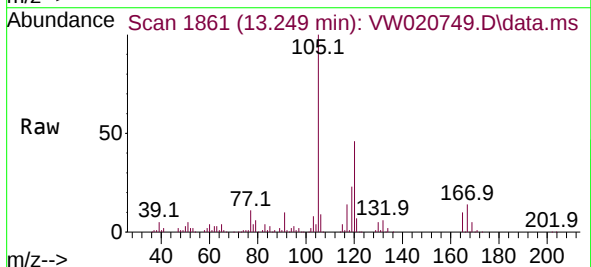
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

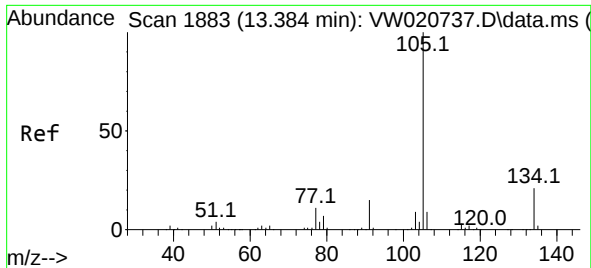
Tgt Ion:	119	Resp:	75318
Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.9	92.8
134	25.3	12.5	37.5



#84
1,2,4-Trimethylbenzene
Concen: 56.282 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020749.D
Acq: 02 Nov 2021 22:05

Tgt Ion:	105	Resp:	83855
Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.7	68.1

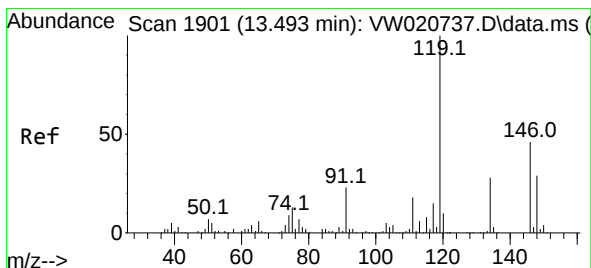
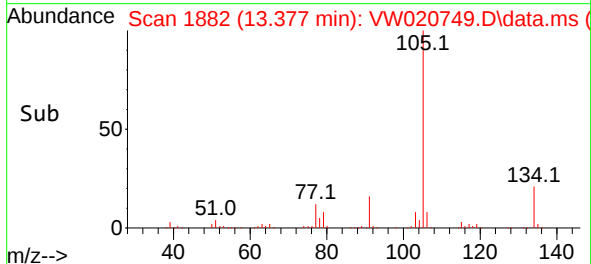
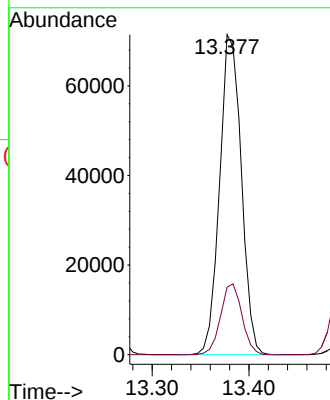
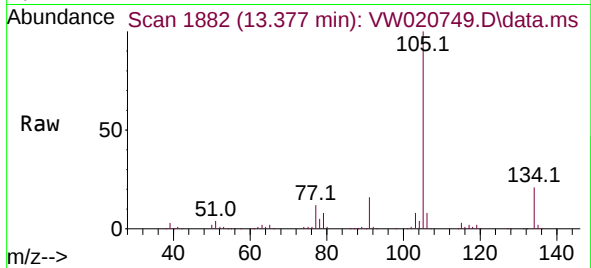




#85
 sec-Butylbenzene
 Concen: 55.677 ug/l
 RT: 13.377 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

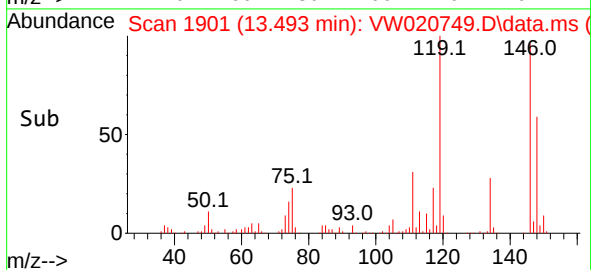
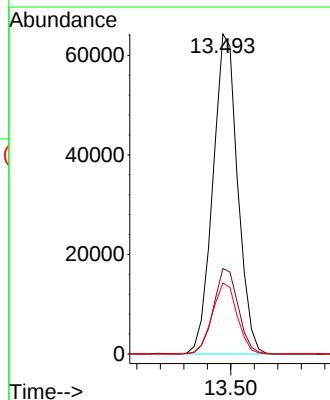
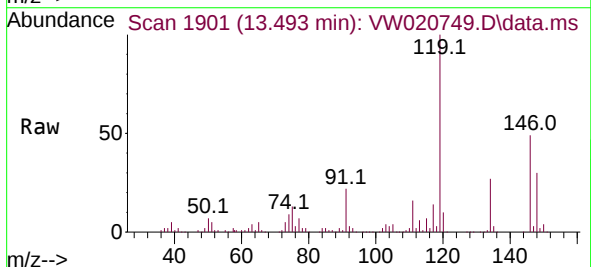
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

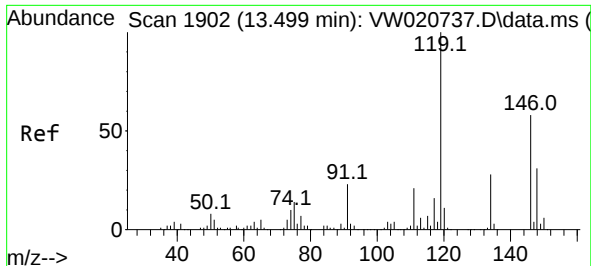
Tgt Ion:105 Resp: 110970
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 56.158 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020749.D
 Acq: 02 Nov 2021 22:05

Tgt Ion:119 Resp: 94139
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.8 41.3
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 51.015 ug/l

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

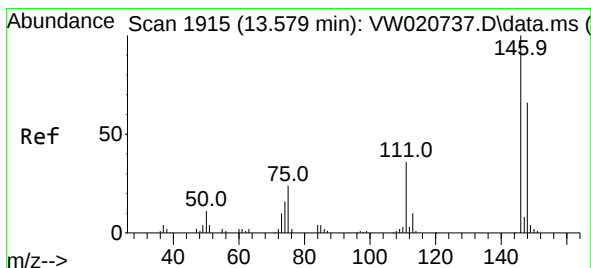
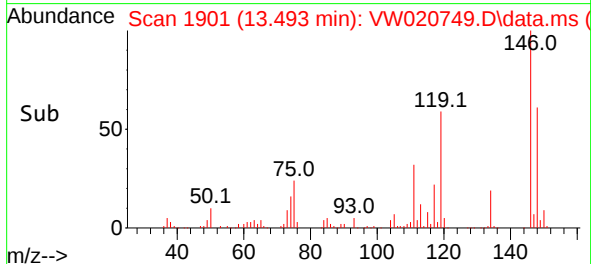
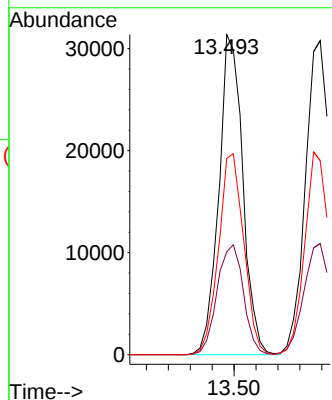
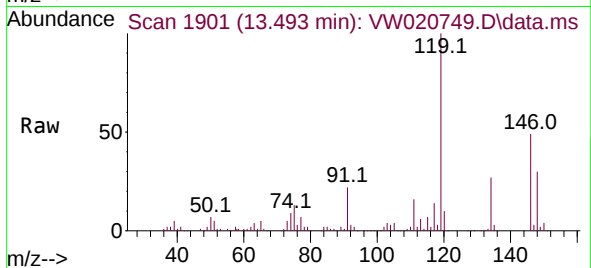
Tgt Ion:146 Resp: 47654

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 66.0 30.1 90.3



#88

1,4-Dichlorobenzene

Concen: 52.840 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

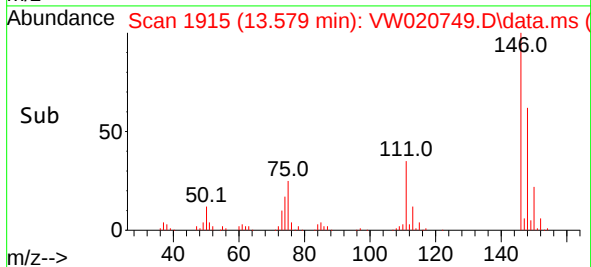
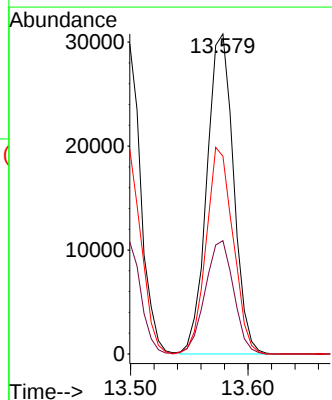
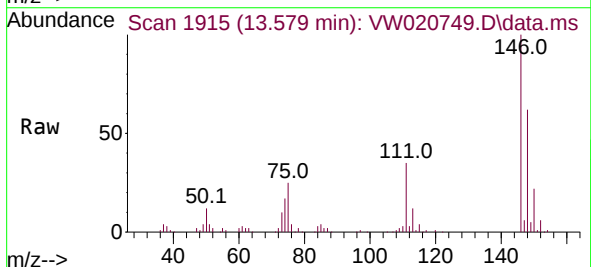
Tgt Ion:146 Resp: 48712

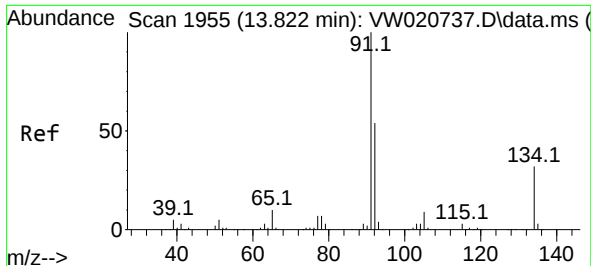
Ion Ratio Lower Upper

146 100

111 37.8 20.1 60.3

148 65.1 33.6 100.8





#89

n-Butylbenzene

Concen: 53.652 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

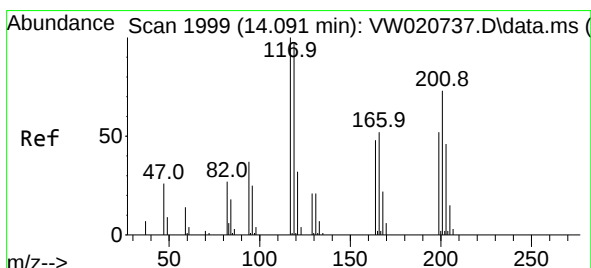
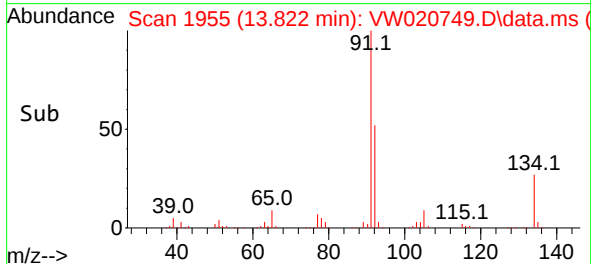
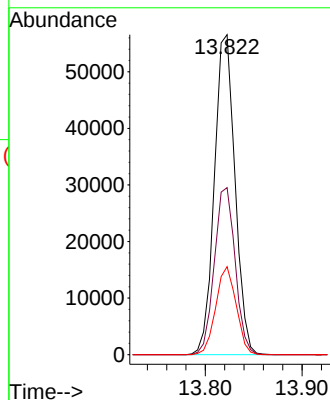
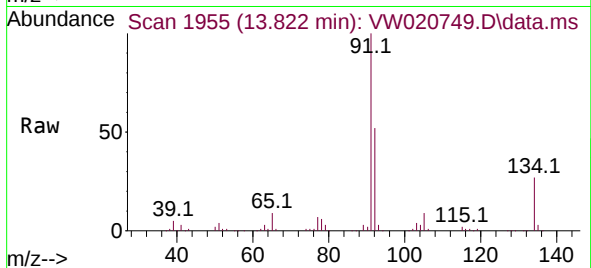
Tgt Ion: 91 Resp: 83789

Ion Ratio Lower Upper

91 100

92 52.8 27.1 81.2

134 27.1 14.4 43.0



#90

Hexachloroethane

Concen: 54.696 ug/l

RT: 14.091 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VW020749.D

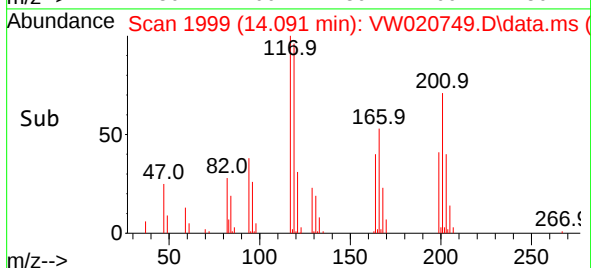
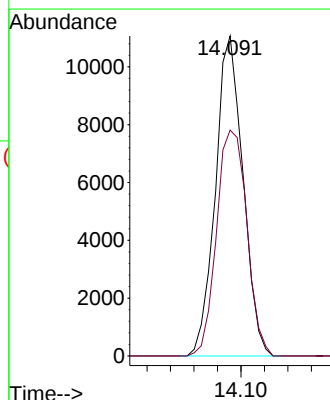
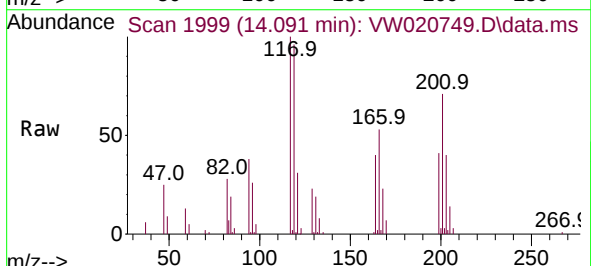
Acq: 02 Nov 2021 22:05

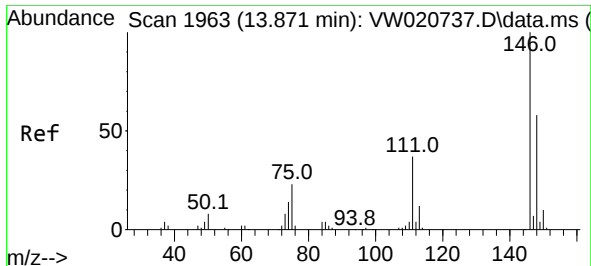
Tgt Ion: 117 Resp: 18028

Ion Ratio Lower Upper

117 100

201 77.4 36.5 109.5





#91

1,2-Dichlorobenzene

Concen: 54.303 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

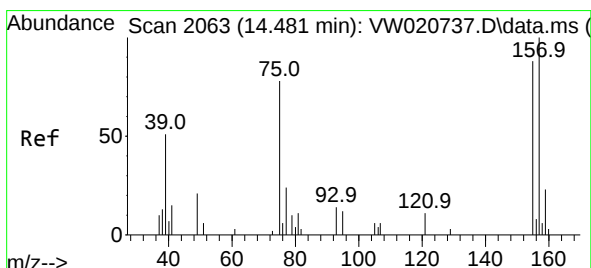
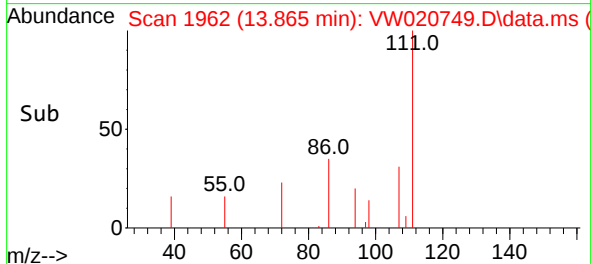
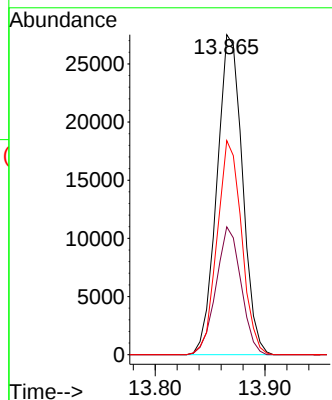
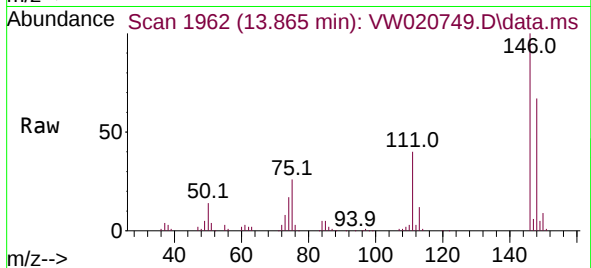
Tgt Ion:146 Resp: 44506

Ion Ratio Lower Upper

146 100

111 39.1 21.1 63.3

148 64.4 33.2 99.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.409 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

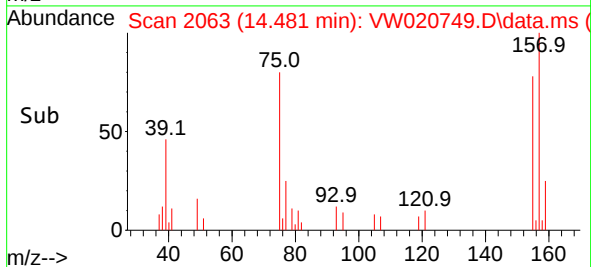
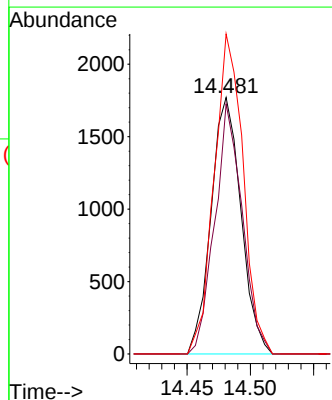
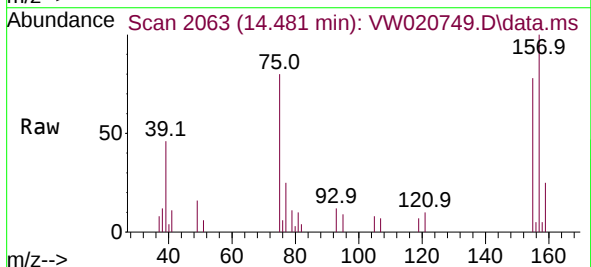
Tgt Ion: 75 Resp: 2912

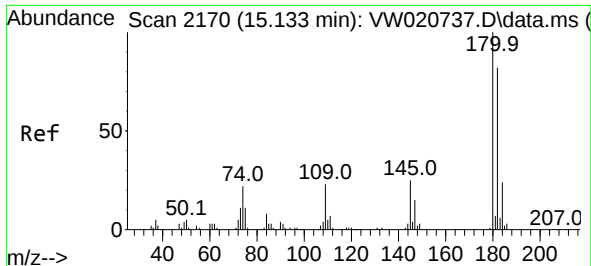
Ion Ratio Lower Upper

75 100

155 89.6 52.8 158.4

157 120.3 61.5 184.4





#93

1,2,4-Trichlorobenzene

Concen: 51.477 ug/l

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

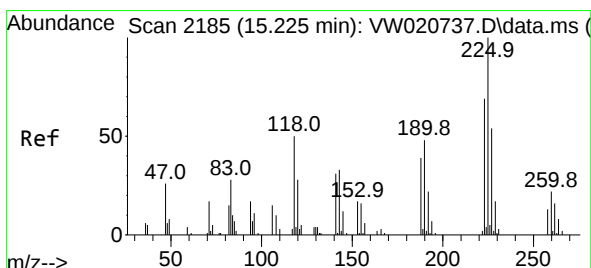
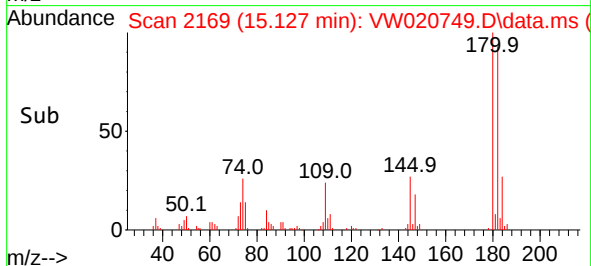
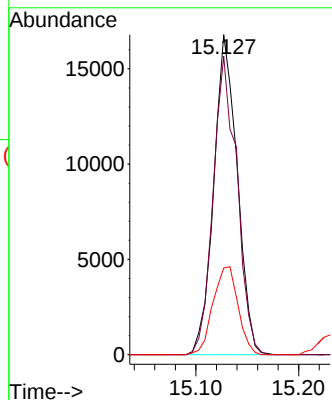
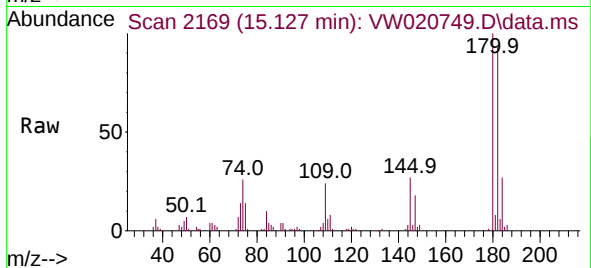
Tgt Ion:180 Resp: 26627

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 55.626 ug/l

RT: 15.231 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

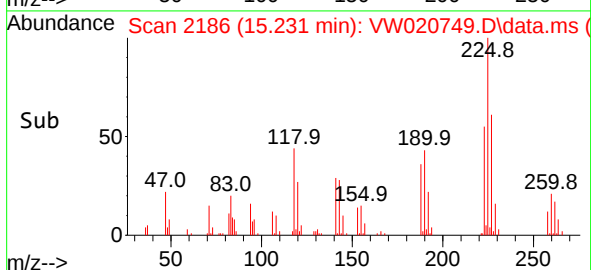
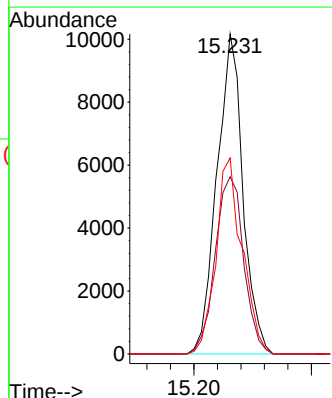
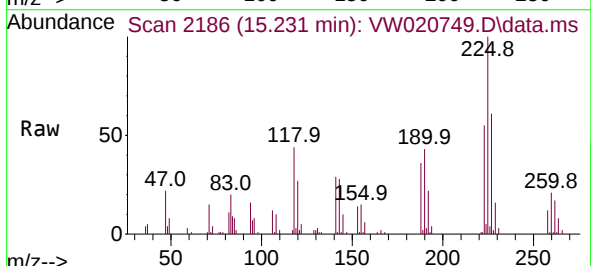
Tgt Ion:225 Resp: 15625

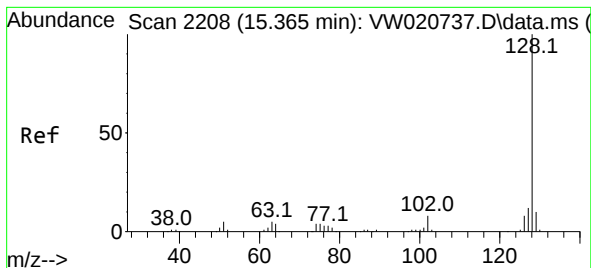
Ion Ratio Lower Upper

225 100

223 60.7 34.6 103.9

227 61.5 30.6 92.0





#95

Naphthalene

Concen: 51.094 ug/l

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

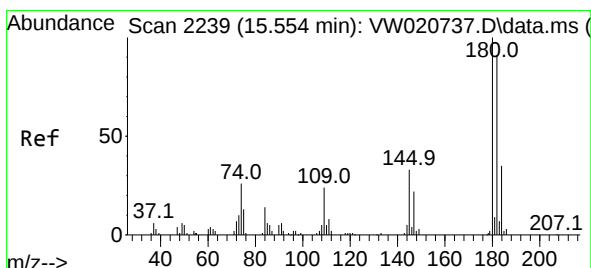
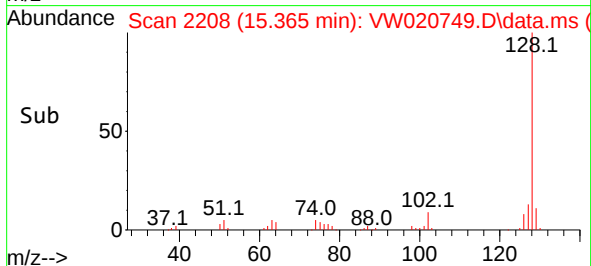
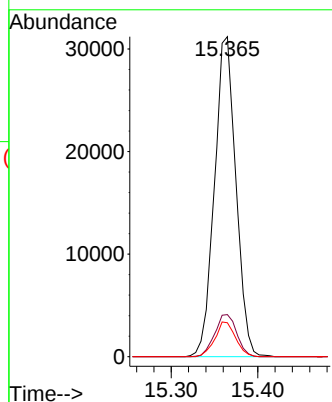
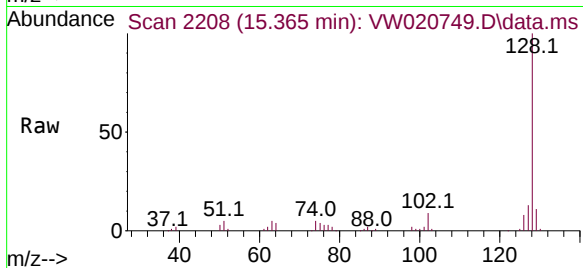
Tgt Ion:128 Resp: 53717

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.032 ug/l

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020749.D

Acq: 02 Nov 2021 22:05

Tgt Ion:180 Resp: 25319

Ion Ratio Lower Upper

180 100

182 89.1 47.3 141.8

145 29.6 16.3 48.8

