

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021719.D
 Acq On : 03 Jan 2022 22:52
 Operator : SY/VA
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 04 05:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	87478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	153885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	142810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	72713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	11887	14.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	28.200%#
35) Dibromofluoromethane	7.891	113	10459	10.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.920%#
50) Toluene-d8	10.323	98	38878	10.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	21.760%#
62) 4-Bromofluorobenzene	12.615	95	14360	10.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1092	7.344	ug/l	95
3) Chloromethane	2.215	50	8843	15.955	ug/l	97
4) Vinyl Chloride	2.361	62	13937	14.859	ug/l	92
5) Bromomethane	2.782	94	16958	23.449	ug/l	99
6) Chloroethane	2.916	64	8232	20.747	ug/l	93
7) Trichlorofluoromethane	3.263	101	6690	16.724	ug/l	94
8) Diethyl Ether	3.690	74	4654	12.087	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	10101	13.130	ug/l #	72
10) Methyl Iodide	4.269	142	12989	11.378	ug/l	99
11) Tert butyl alcohol	5.202	59	1111	16.825	ug/l #	73
12) 1,1-Dichloroethene	4.050	96	8703	11.600	ug/l	91
13) Acrolein	3.916	56	2799	159.530	ug/l	99
14) Allyl chloride	4.678	41	13444	12.289	ug/l	99
15) Acrylonitrile	5.379	53	9603	57.384	ug/l	95
16) Acetone	4.147	43	9034	53.988	ug/l	90
17) Carbon Disulfide	4.385	76	22628	10.896	ug/l	99
18) Methyl Acetate	4.684	43	7466	12.196	ug/l	99
19) Methyl tert-butyl Ether	5.440	73	16334	12.481	ug/l	99
20) Methylene Chloride	4.922	84	17197	17.641	ug/l	91
21) trans-1,2-Dichloroethene	5.434	96	11250	12.992	ug/l	99
22) Diisopropyl ether	6.318	45	28665	12.690	ug/l	95
23) Vinyl Acetate	6.263	43	70422	54.955	ug/l	96
24) 1,1-Dichloroethane	6.220	63	19794	13.689	ug/l #	93
25) 2-Butanone	7.183	43	12283	51.499	ug/l	95
26) 2,2-Dichloropropane	7.165	77	11680	11.543	ug/l	98
27) cis-1,2-Dichloroethene	7.177	96	11746	12.116	ug/l	95
28) Bromochloromethane	7.519	49	7954	13.164	ug/l	99
29) Tetrahydrofuran	7.549	42	6645	46.300	ug/l	91
30) Chloroform	7.683	83	21733	13.648	ug/l	98
31) Cyclohexane	7.958	56	18557	13.375	ug/l #	96
32) 1,1,1-Trichloroethane	7.878	97	17486	12.993	ug/l	97
36) 1,1-Dichloropropene	8.086	75	16359	11.741	ug/l	99
37) Ethyl Acetate	7.269	43	5421	8.910	ug/l #	93
38) Carbon Tetrachloride	8.073	117	14894	10.202	ug/l	92
39) Methylcyclohexane	9.335	83	18805	10.778	ug/l	96
40) Benzene	8.323	78	46054	11.580	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	3438	10.643	ug/l #	92
42) 1,2-Dichloroethane	8.403	62	14945	12.337	ug/l	99
43) Isopropyl Acetate	8.427	43	11118	9.330	ug/l	98
44) Trichloroethene	9.091	130	11497	10.109	ug/l	97
45) 1,2-Dichloropropane	9.372	63	10756	11.740	ug/l	93
46) Dibromomethane	9.463	93	6588	11.384	ug/l	98
47) Bromodichloromethane	9.646	83	15095	11.039	ug/l #	96
48) Methyl methacrylate	9.439	41	5298	9.748	ug/l	96
49) 1,4-Dioxane	9.476	88	1536	197.068	ug/l #	70
51) 4-Methyl-2-Pentanone	10.213	43	27846	45.241	ug/l	97
52) Toluene	10.390	92	28746	11.164	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	12255	9.156	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	15526	10.171	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	8550	11.051	ug/l	92
56) Ethyl methacrylate	10.646	69	8479	8.756	ug/l #	88
57) 1,3-Dichloropropane	10.939	76	14494	11.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	22389	45.875	ug/l	99
59) 2-Hexanone	10.969	43	19095	44.704	ug/l	95
60) Dibromochloromethane	11.128	129	8934	9.284	ug/l	98
61) 1,2-Dibromoethane	11.237	107	7973	10.481	ug/l	99
64) Tetrachloroethene	10.866	164	9867	9.555	ug/l	92
65) Chlorobenzene	11.658	112	30461	10.618	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	10626	10.079	ug/l	97
67) Ethyl Benzene	11.731	91	56775	11.202	ug/l	98
68) m/p-Xylenes	11.841	106	43184	21.101	ug/l	99
69) o-Xylene	12.164	106	20528	10.711	ug/l	96
70) Styrene	12.182	104	33300	10.379	ug/l	96
71) Bromoform	12.347	173	4411	7.464	ug/l #	98
73) Isopropylbenzene	12.463	105	55244	11.016	ug/l	99
74) N-amyl acetate	12.274	43	8974	8.002	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	9462	10.998	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	11498	17.665	ug/l #	100
77) Bromobenzene	12.743	156	11589	9.636	ug/l	86
78) n-propylbenzene	12.804	91	67326	11.385	ug/l	98
79) 2-Chlorotoluene	12.890	91	39293	11.525	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	46634	10.864	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	2009	7.524	ug/l #	79
82) 4-Chlorotoluene	12.987	91	41470	11.453	ug/l	97
83) tert-Butylbenzene	13.201	119	40237	10.488	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	47160	11.162	ug/l	98
85) sec-Butylbenzene	13.383	105	61335	11.096	ug/l	100
86) p-Isopropyltoluene	13.493	119	51742	10.914	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	25153	10.295	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	26775	10.969	ug/l	94
89) n-Butylbenzene	13.822	91	49484	11.641	ug/l	96
90) Hexachloroethane	14.091	117	8168	9.335	ug/l	91
91) 1,2-Dichlorobenzene	13.865	146	21968	10.175	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	1504	10.263	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	13025	8.869	ug/l	96
94) Hexachlorobutadiene	15.237	225	8029	9.659	ug/l	98
95) Naphthalene	15.359	128	22725	8.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	11062	8.567	ug/l	95

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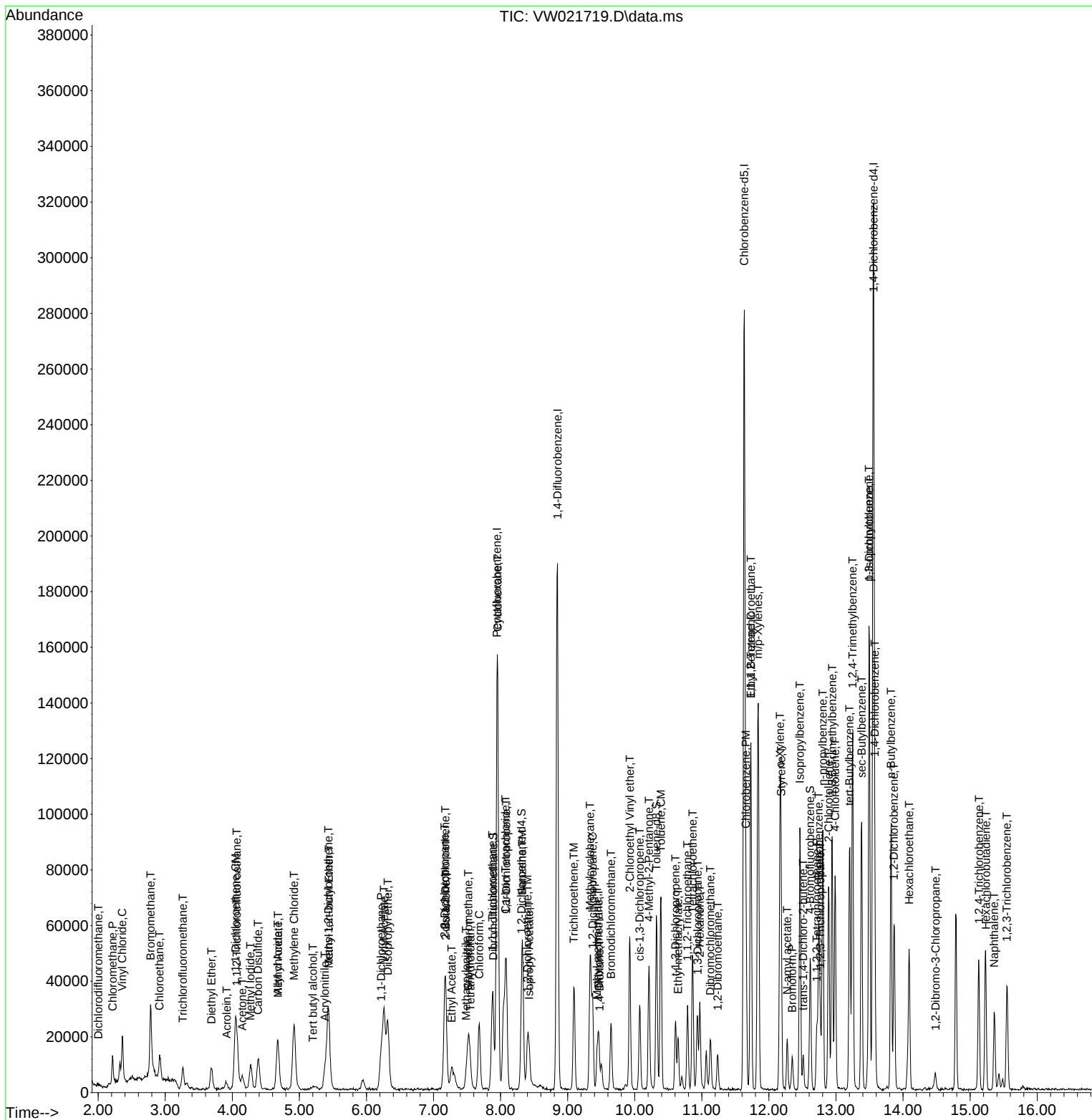
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

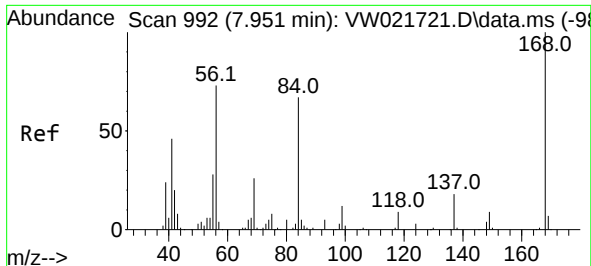
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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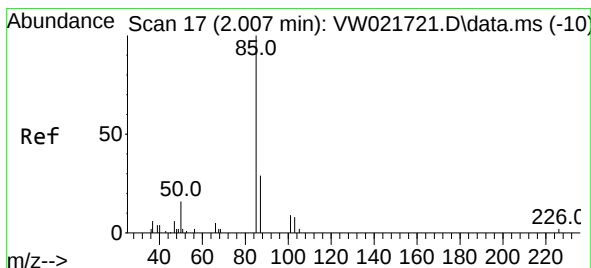
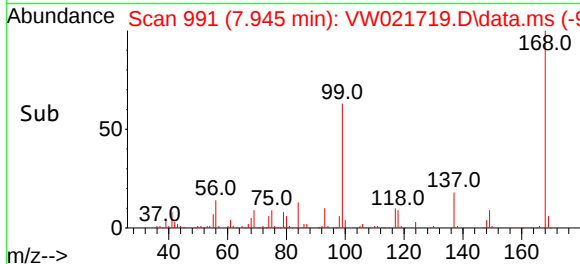
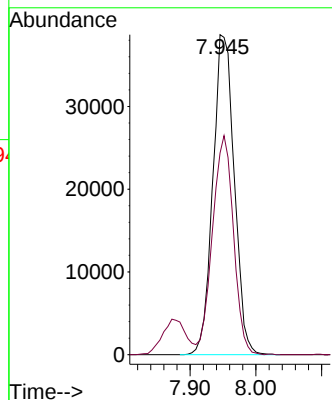
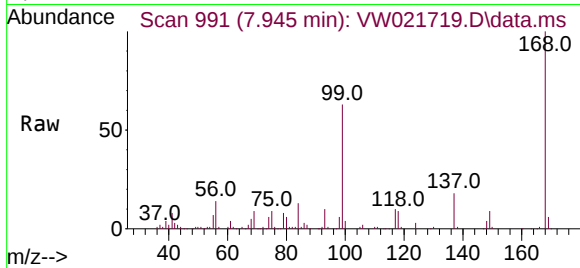




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW021719.D
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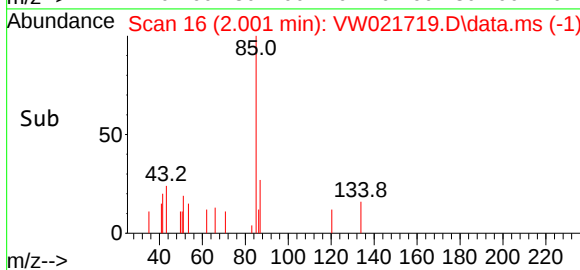
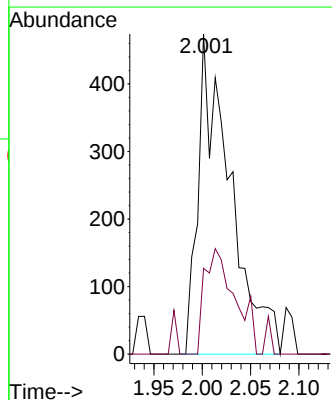
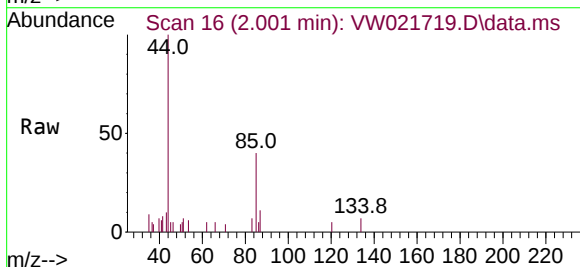
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ClientSampleId :
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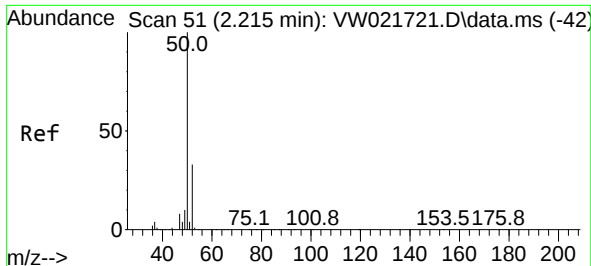
Tgt Ion:168 Resp: 87478
Ion Ratio Lower Upper
168 100
99 63.0 46.2 69.4



#2
Dichlorodifluoromethane
Concen: 7.344 ug/l
RT: 2.001 min Scan# 16
Delta R.T. -0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 85 Resp: 1092
Ion Ratio Lower Upper
85 100
87 26.8 14.6 44.0

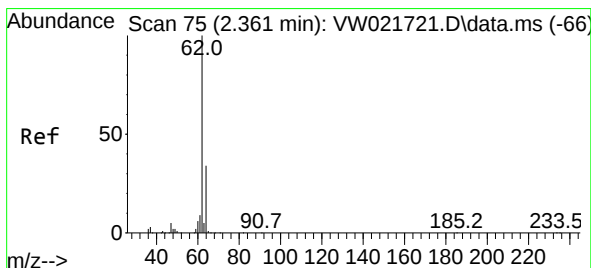
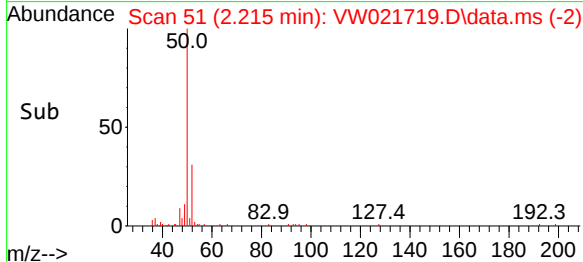
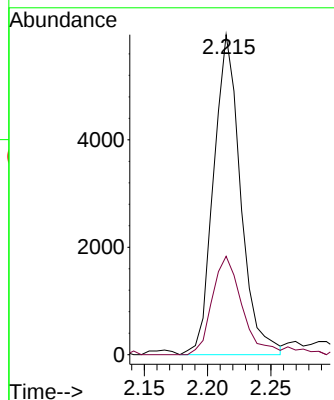
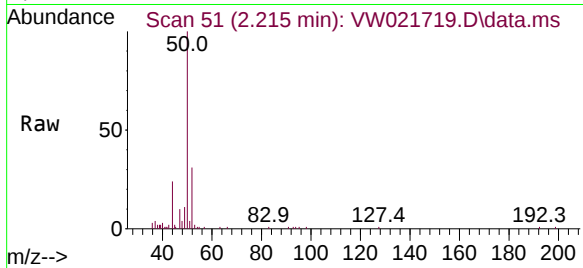




#3
Chloromethane
Concen: 15.955 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

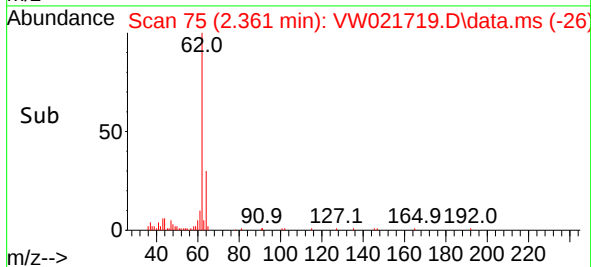
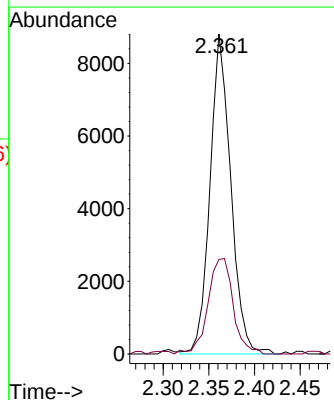
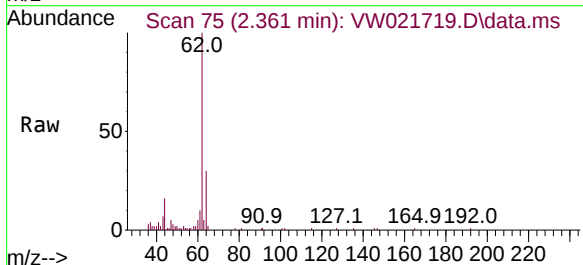
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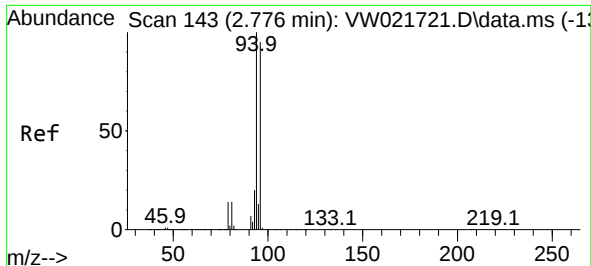
Tgt Ion: 50 Resp: 8843
Ion Ratio Lower Upper
50 100
52 31.2 26.2 39.2



#4
Vinyl Chloride
Concen: 14.859 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 62 Resp: 13937
Ion Ratio Lower Upper
62 100
64 29.5 27.2 40.8

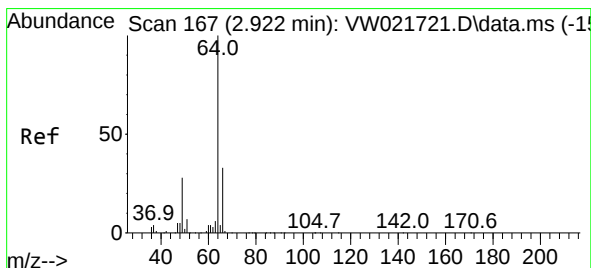
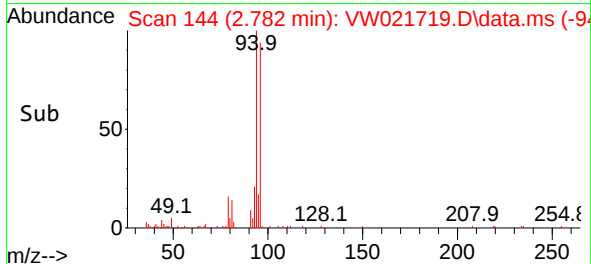
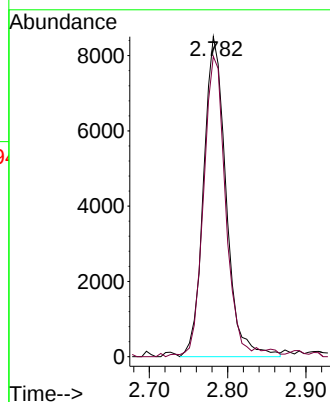
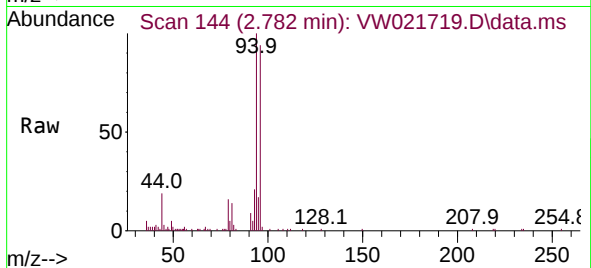




#5
Bromomethane
Concen: 23.449 ug/l
RT: 2.782 min Scan# 143
Delta R.T. 0.006 min
Lab File: VW021719.D
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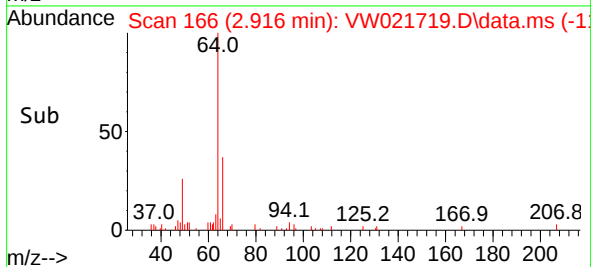
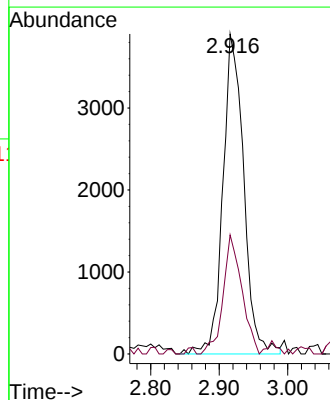
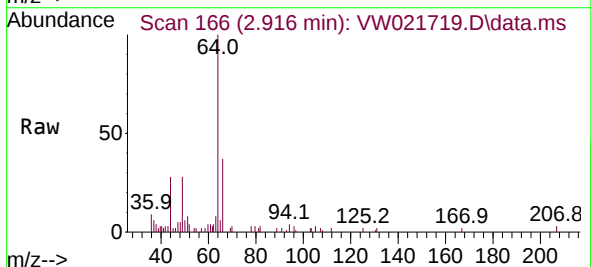
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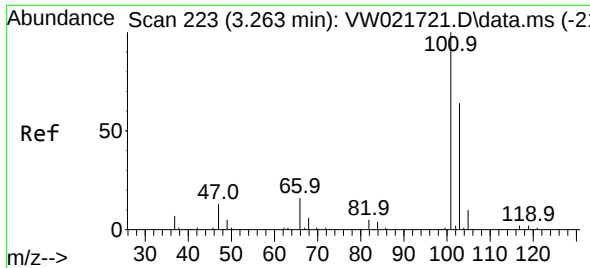
Tgt Ion: 94 Resp: 16958
Ion Ratio Lower Upper
94 100
96 93.2 75.7 113.5



#6
Chloroethane
Concen: 20.747 ug/l
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 64 Resp: 8232
Ion Ratio Lower Upper
64 100
66 37.2 26.6 39.8

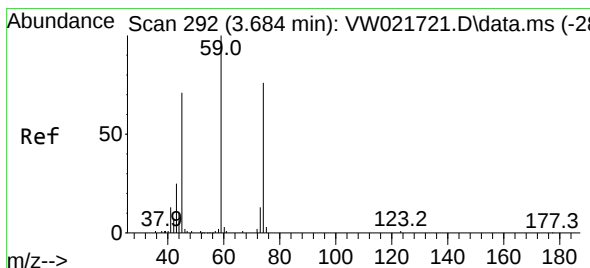
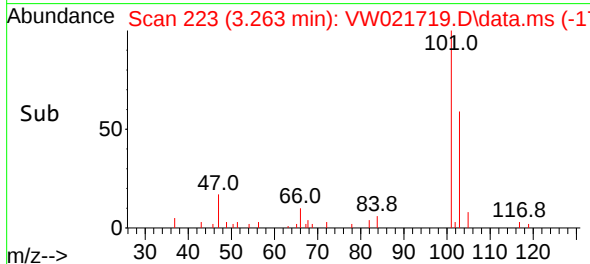
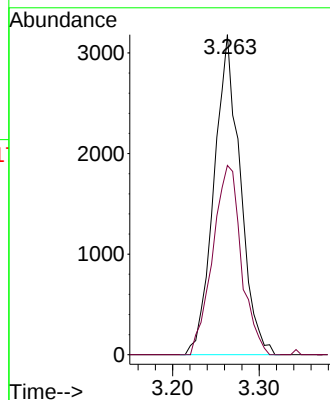
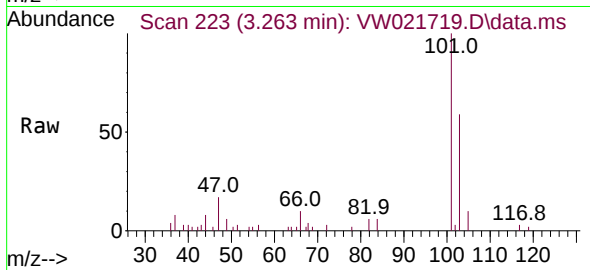




#7
 Trichlorofluoromethane
 Concen: 16.724 ug/l
 RT: 3.263 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

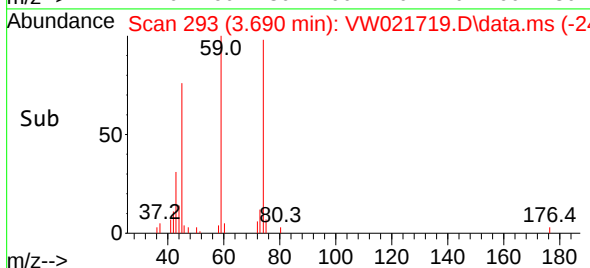
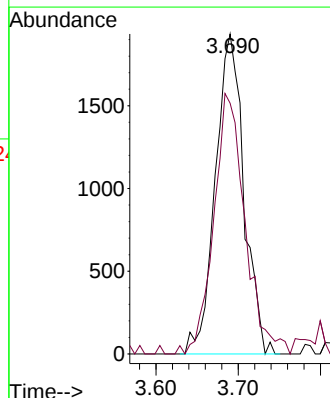
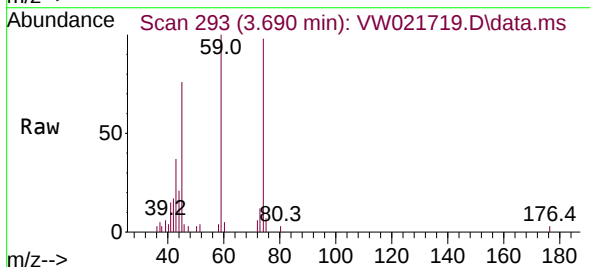
Instrument :
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 ClientSampleId :
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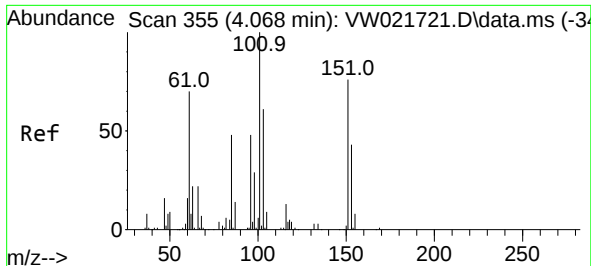
Tgt Ion:101 Resp: 6690
 Ion Ratio Lower Upper
 101 100
 103 59.2 50.9 76.3



#8
 Diethyl Ether
 Concen: 12.087 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.006 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

Tgt Ion: 74 Resp: 4654
 Ion Ratio Lower Upper
 74 100
 45 89.4 46.6 139.7

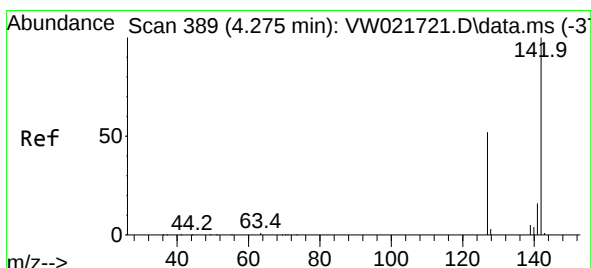
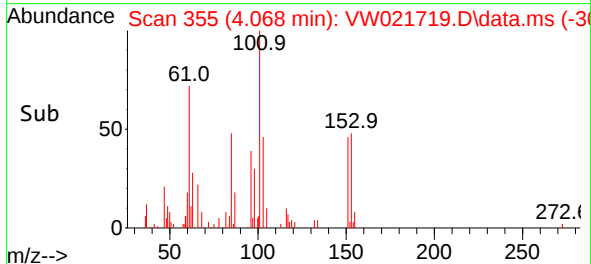
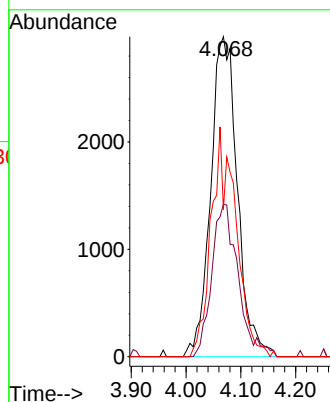
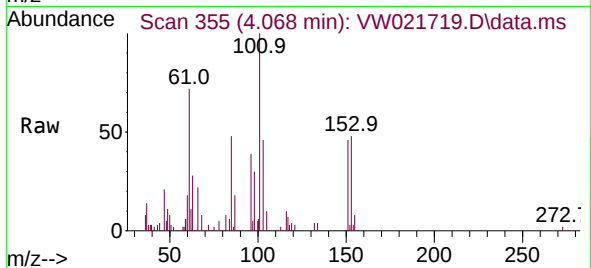




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.130 ug/l
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

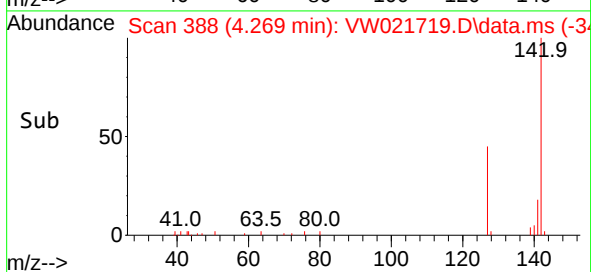
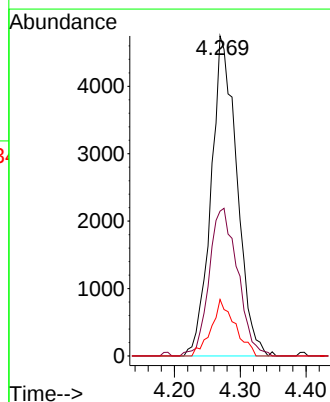
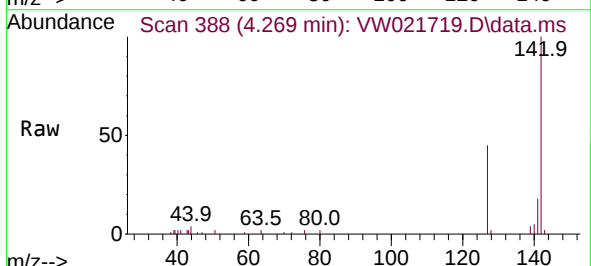
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

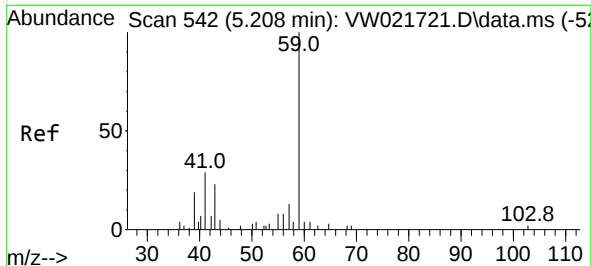
Tgt Ion:	101	Resp:	10101
Ion	Ratio	Lower	Upper
101	100		
85	47.0	38.0	57.0
151	33.4	57.5	86.3



#10
 Methyl Iodide
 Concen: 11.378 ug/l
 RT: 4.269 min Scan# 388
 Delta R.T. -0.006 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

Tgt Ion:	142	Resp:	12989
Ion	Ratio	Lower	Upper
142	100		
127	50.9	41.4	62.0
141	16.1	12.6	18.8

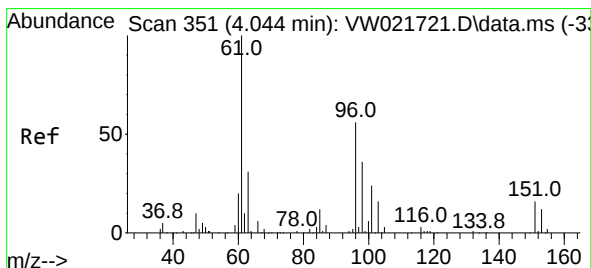
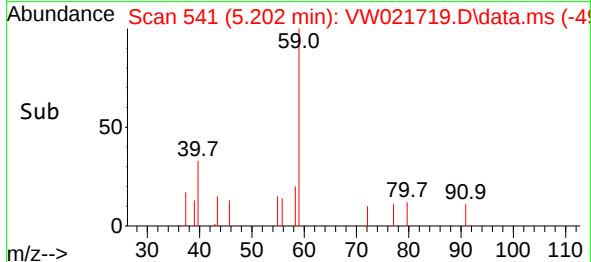
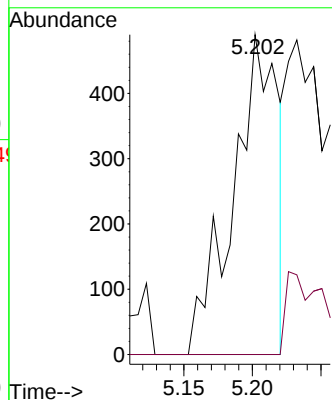
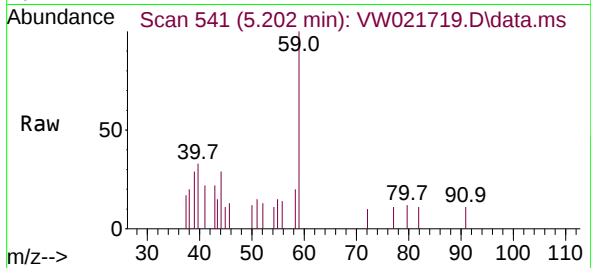




#11
Tert butyl alcohol
Concen: 16.825 ug/l
RT: 5.202 min Scan# 541
Delta R.T. -0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

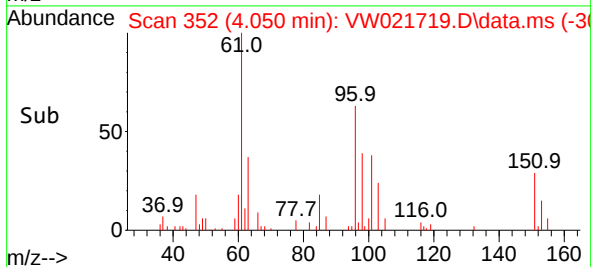
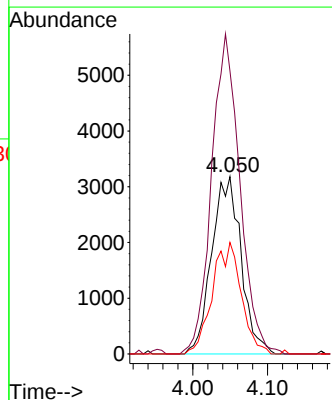
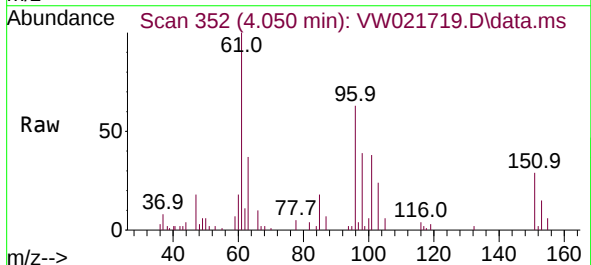
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

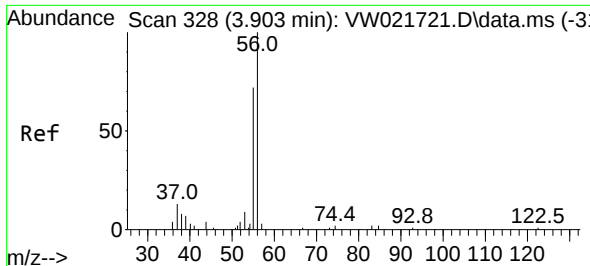
Tgt Ion: 59 Resp: 1111
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 11.600 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 96 Resp: 8703
Ion Ratio Lower Upper
96 100
61 159.6 142.1 213.1
98 62.9 50.5 75.7





#13

Acrolein

Concen: 159.530 ug/l

RT: 3.916 min Scan# 31

Delta R.T. 0.012 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

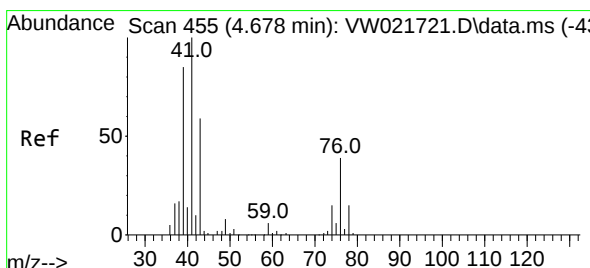
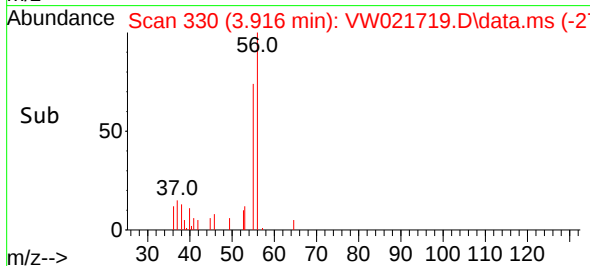
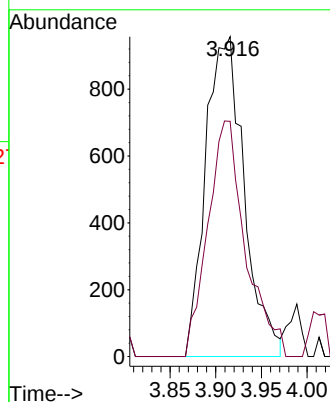
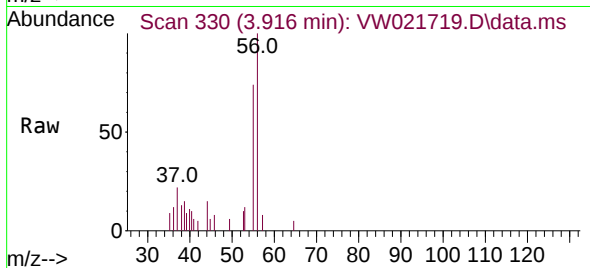
VSTDICC010

Tgt Ion: 56 Resp: 2799

Ion Ratio Lower Upper

56 100

55 72.1 57.2 85.8



#14

Allyl chloride

Concen: 12.289 ug/l

RT: 4.678 min Scan# 455

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

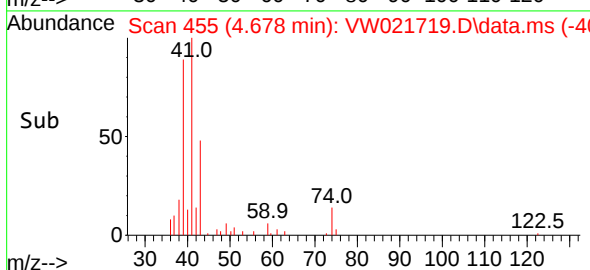
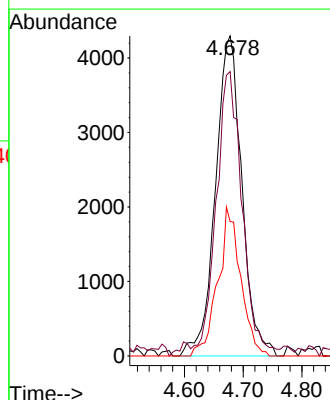
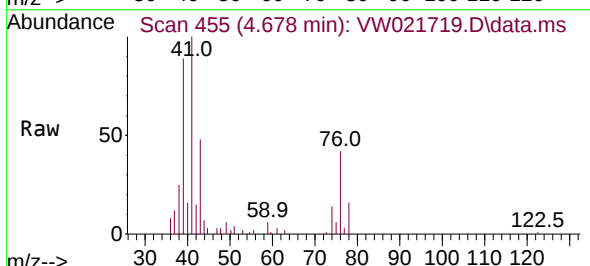
Tgt Ion: 41 Resp: 13444

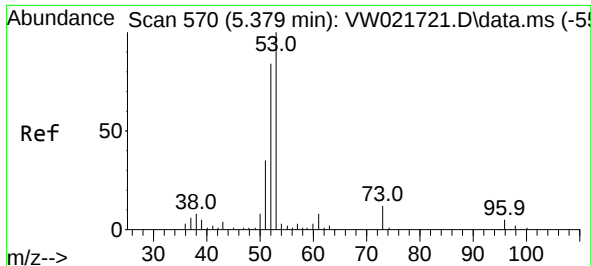
Ion Ratio Lower Upper

41 100

39 83.0 67.0 100.4

76 40.1 31.4 47.0

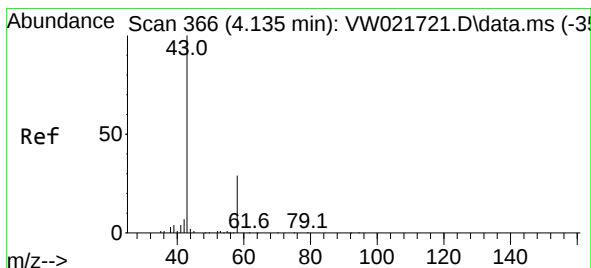
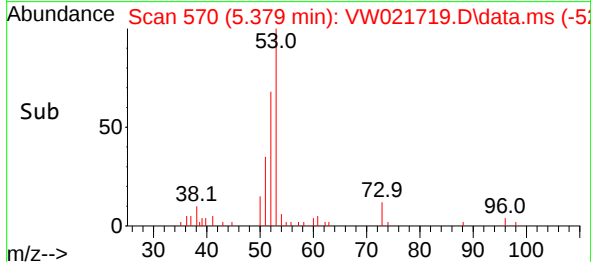
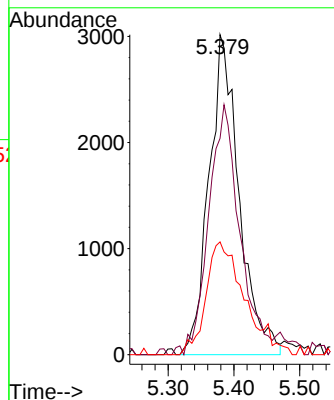
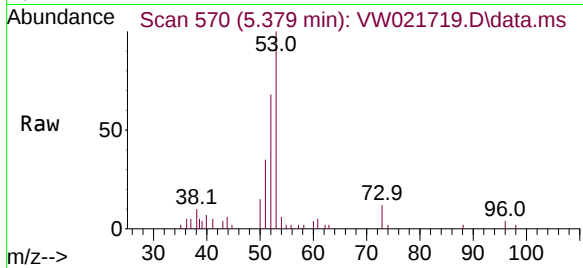




#15
Acrylonitrile
Concen: 57.384 ug/l
RT: 5.379 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

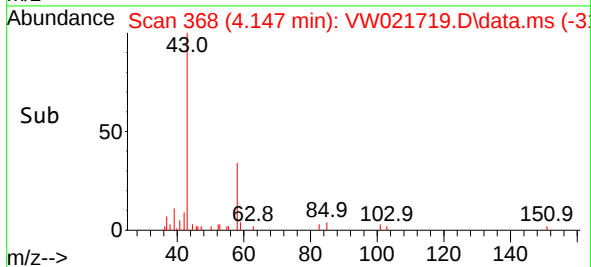
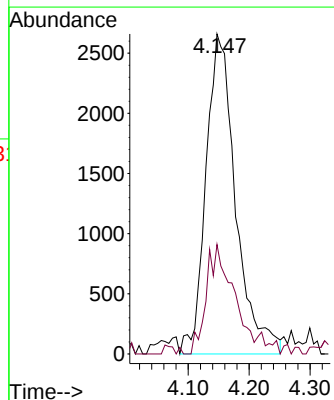
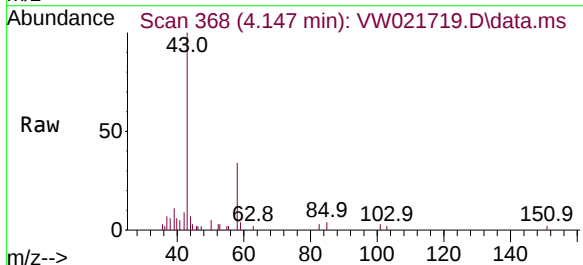
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

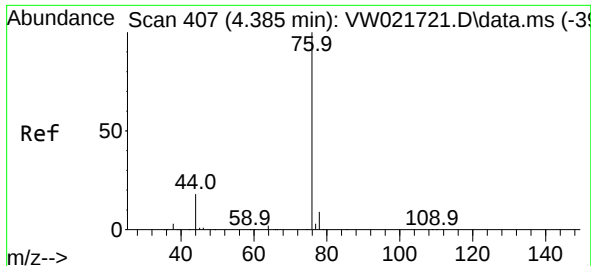
Tgt Ion: 53	Resp:	9603	
Ion	Ratio	Lower	Upper
53	100		
52	80.5	66.3	99.5
51	45.1	30.5	45.7



#16
Acetone
Concen: 53.988 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 43	Resp:	9034	
Ion	Ratio	Lower	Upper
43	100		
58	34.2	23.0	34.4

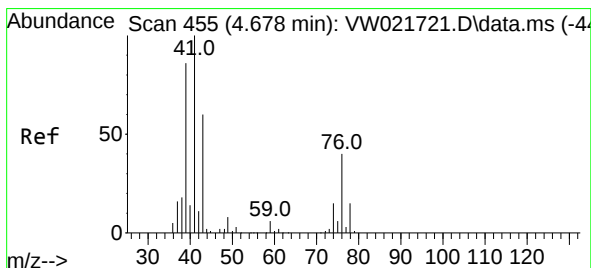
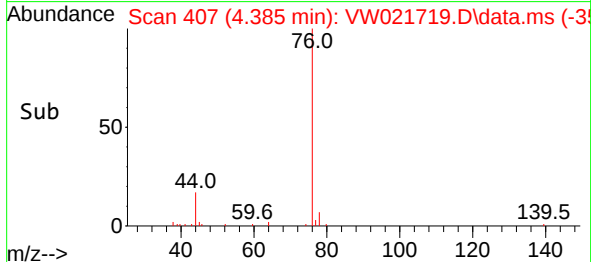
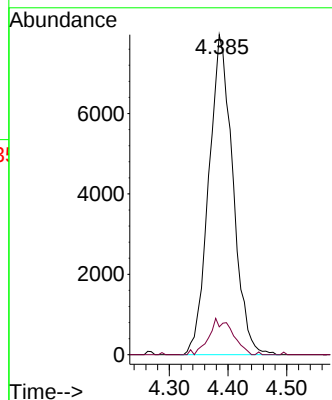
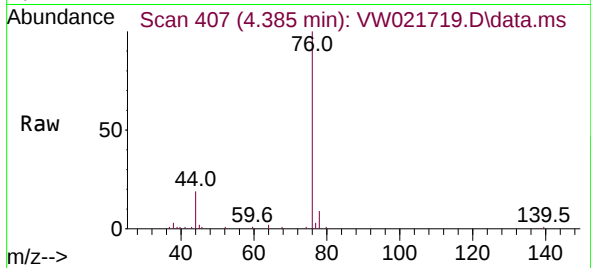




#17
Carbon Disulfide
Concen: 10.896 ug/l
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

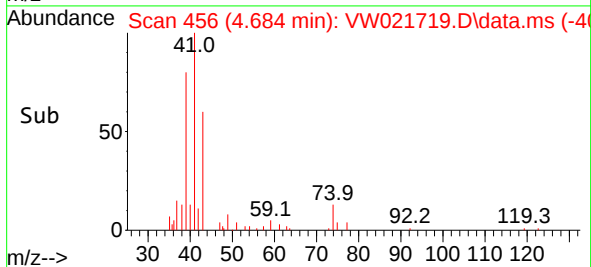
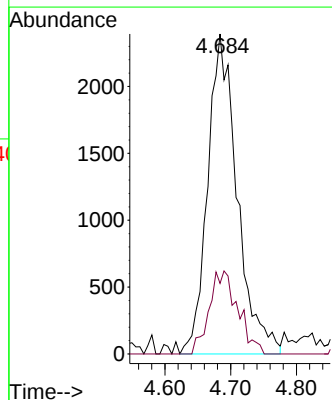
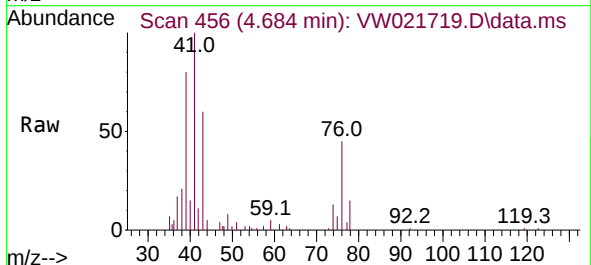
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

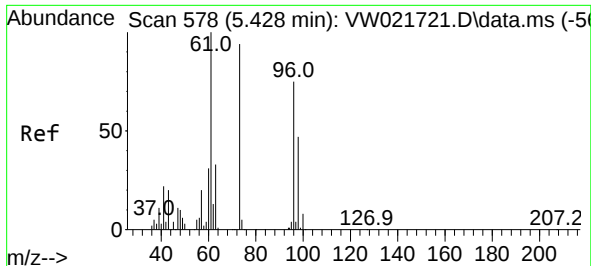
Tgt Ion: 76 Resp: 22628
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 12.196 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 43 Resp: 7466
Ion Ratio Lower Upper
43 100
74 25.2 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 12.481 ug/l

RT: 5.440 min Scan# 51

Delta R.T. 0.012 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

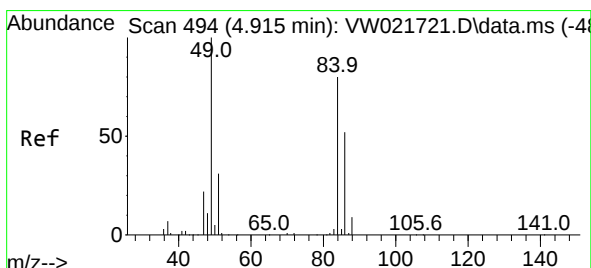
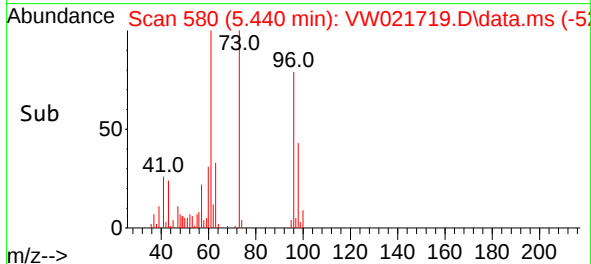
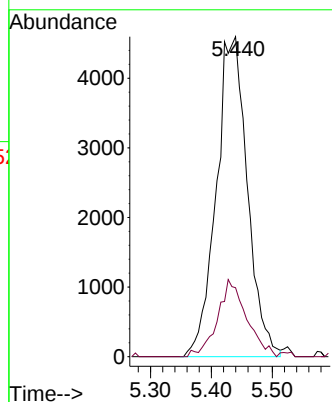
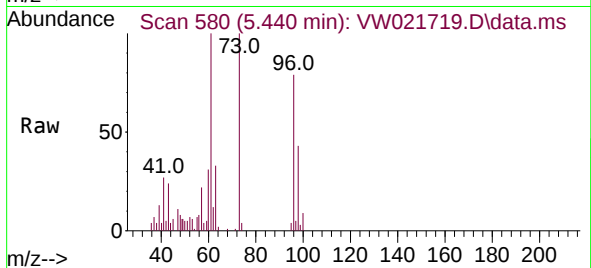
VSTDIC010

Tgt Ion: 73 Resp: 16334

Ion Ratio Lower Upper

73 100

57 21.6 16.7 25.1



#20

Methylene Chloride

Concen: 17.641 ug/l

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Tgt Ion: 84 Resp: 17197

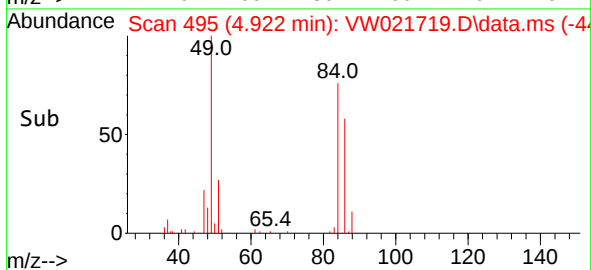
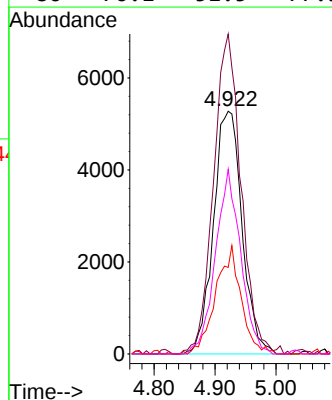
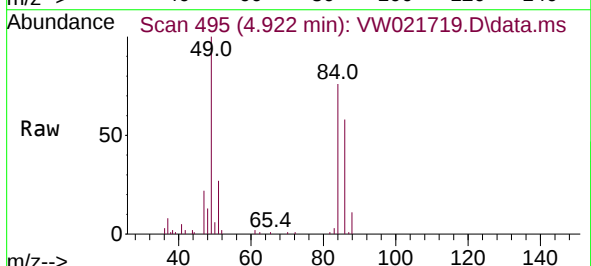
Ion Ratio Lower Upper

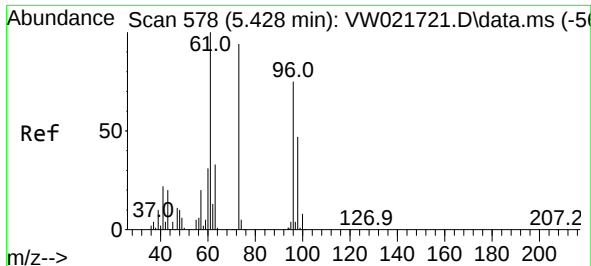
84 100

49 131.9 99.1 148.7

51 35.6 30.4 45.6

86 76.1 51.5 77.3

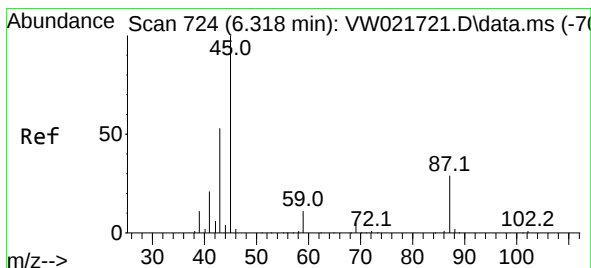
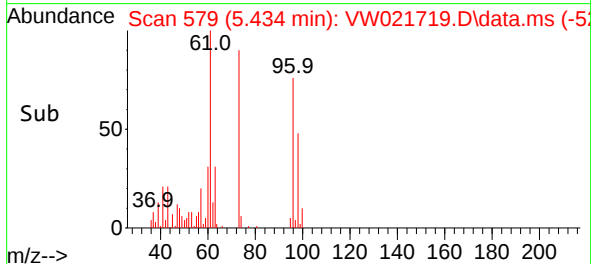
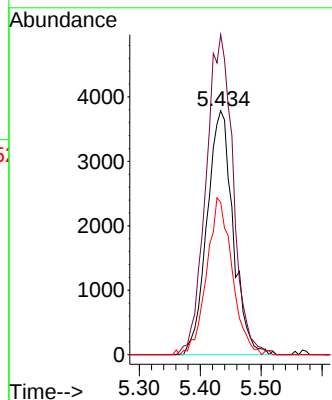
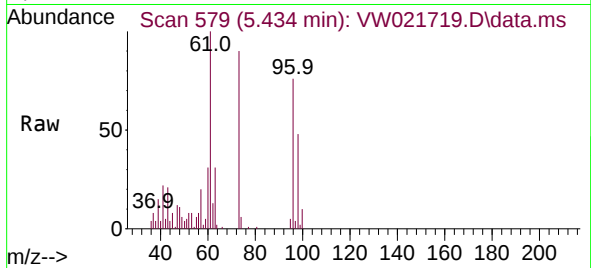




#21
trans-1,2-Dichloroethene
Concen: 12.992 ug/l
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

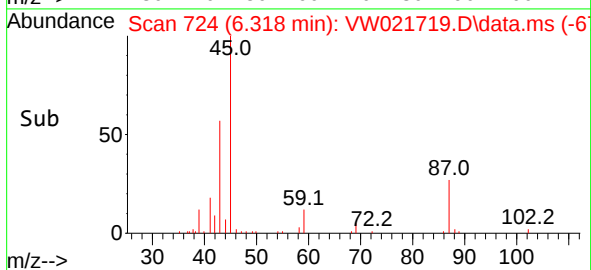
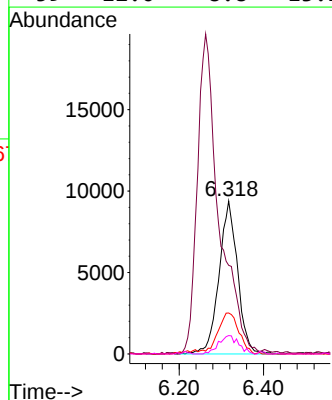
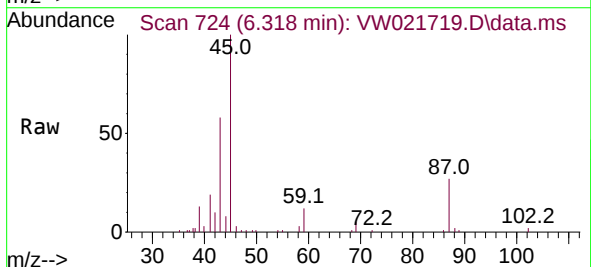
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

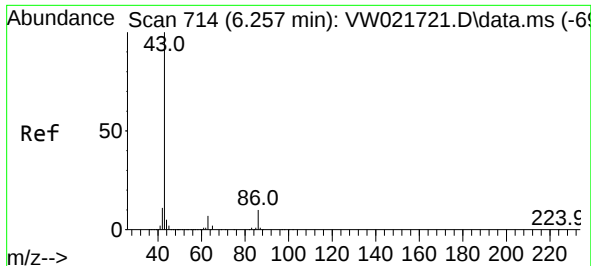
Tgt Ion: 96 Resp: 11250
Ion Ratio Lower Upper
96 100
61 131.1 106.0 159.0
98 62.4 49.6 74.4



#22
Diisopropyl ether
Concen: 12.690 ug/l
RT: 6.318 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 45 Resp: 28665
Ion Ratio Lower Upper
45 100
43 57.3 43.0 64.6
87 26.7 23.4 35.2
59 12.0 8.8 13.2

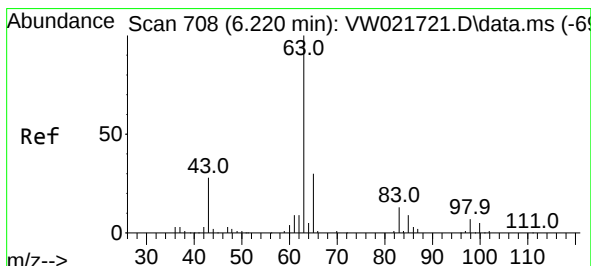
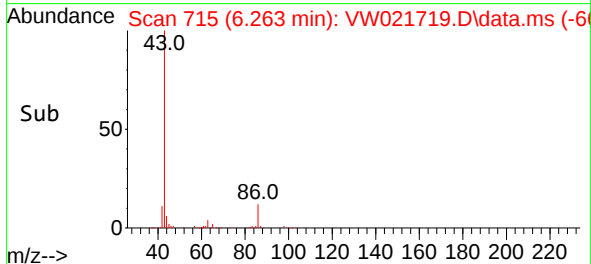
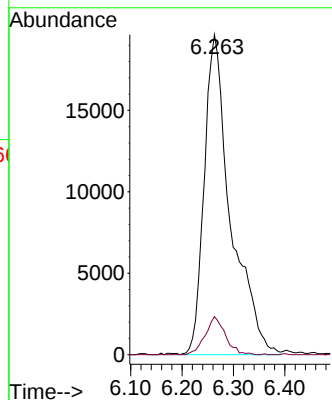
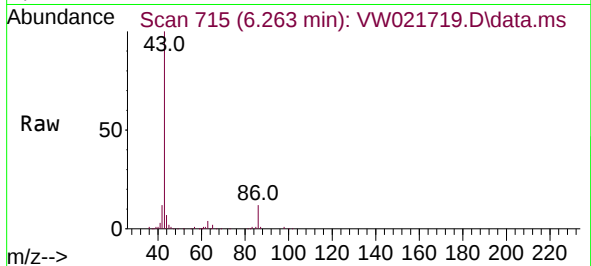




#23
 Vinyl Acetate
 Concen: 54.955 ug/l
 RT: 6.263 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

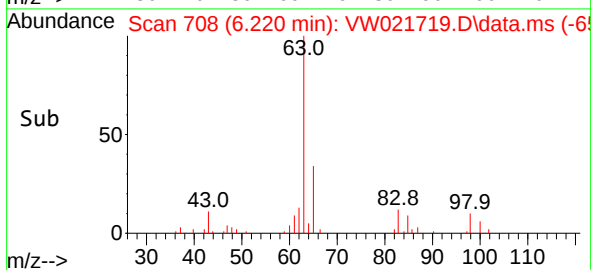
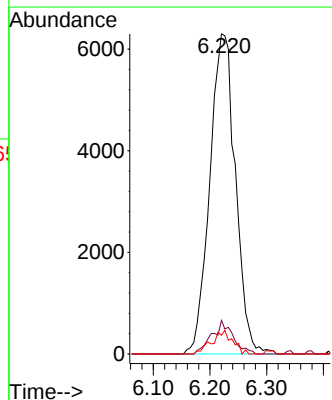
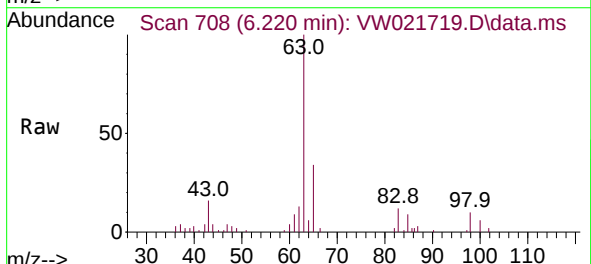
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

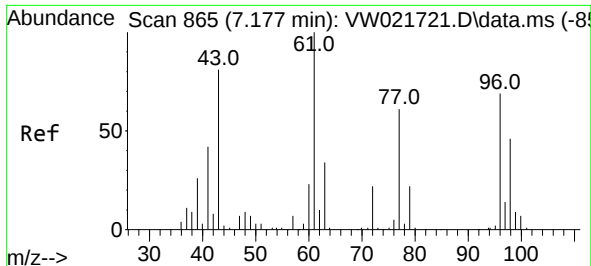
Tgt Ion: 43 Resp: 70422
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 13.689 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

Tgt Ion: 63 Resp: 19794
 Ion Ratio Lower Upper
 63 100
 98 10.5 3.4 10.2#
 100 5.9 2.5 7.5

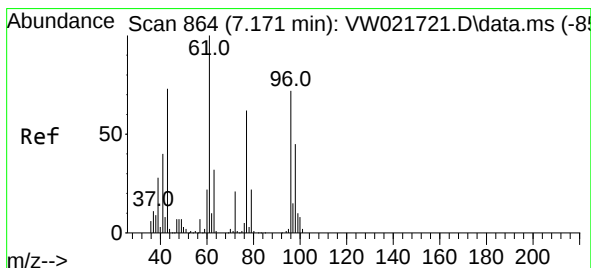
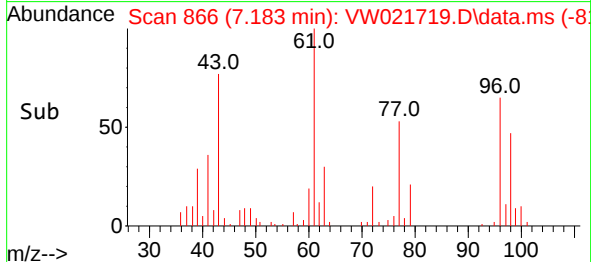
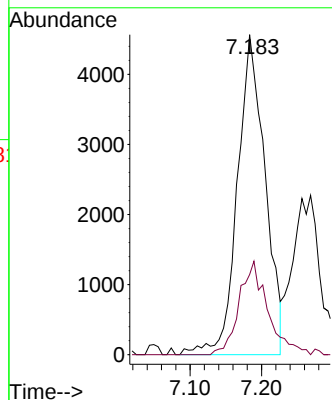
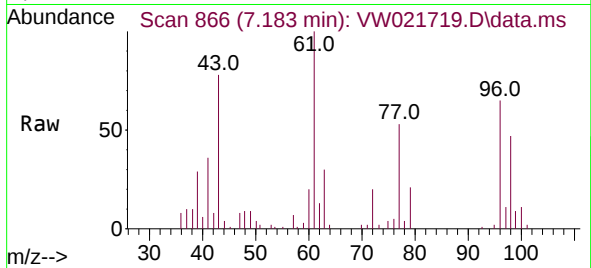




#25
2-Butanone
Concen: 51.499 ug/l
RT: 7.183 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

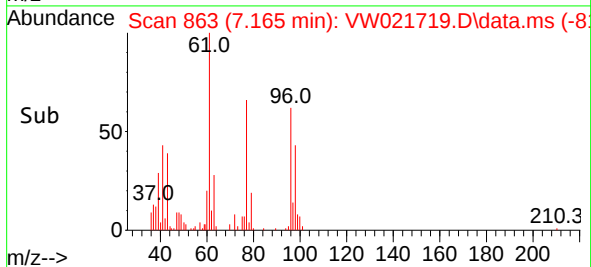
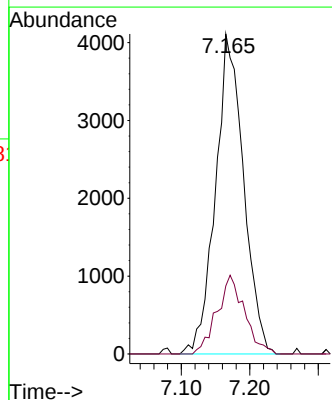
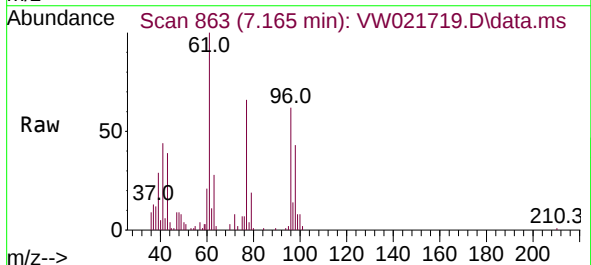
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

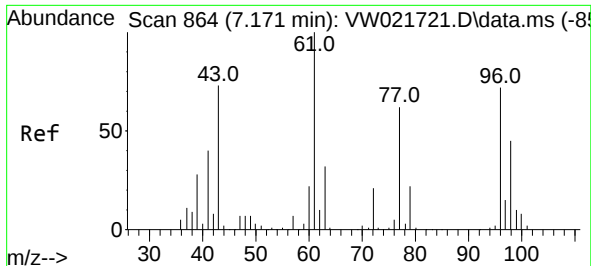
Tgt Ion: 43 Resp: 12283
Ion Ratio Lower Upper
43 100
72 25.1 22.2 33.4



#26
2,2-Dichloropropane
Concen: 11.543 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 77 Resp: 11680
Ion Ratio Lower Upper
77 100
97 24.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 12.116 ug/l

RT: 7.177 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

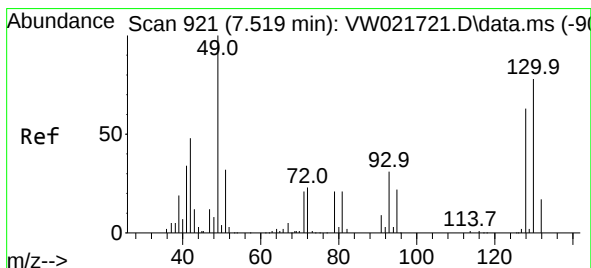
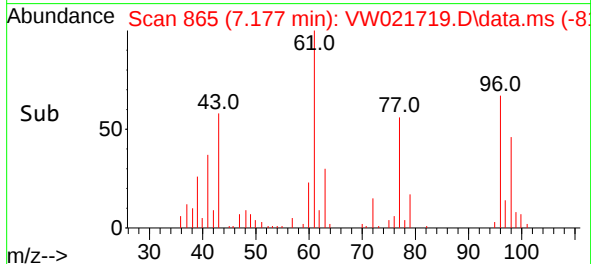
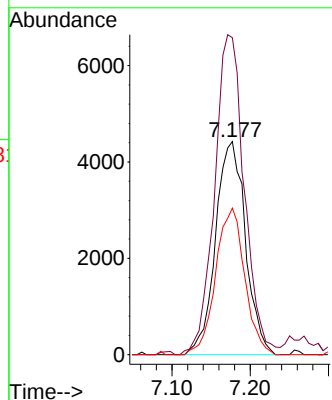
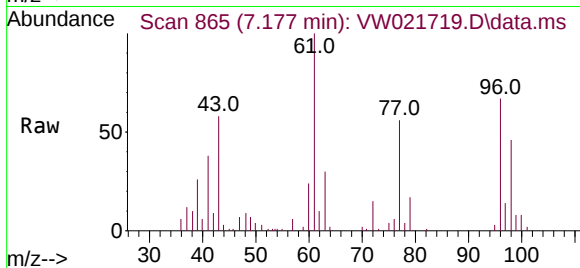
MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 96 Resp: 11746

Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	283.4
98	66.8	0.0	128.6



#28

Bromochloromethane

Concen: 13.164 ug/l

RT: 7.519 min Scan# 921

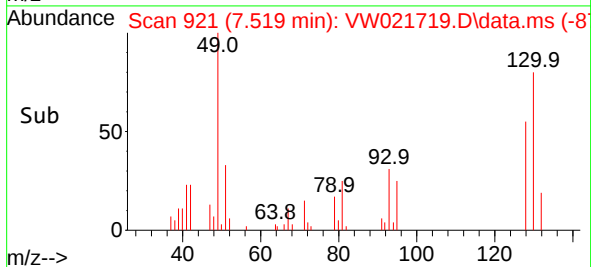
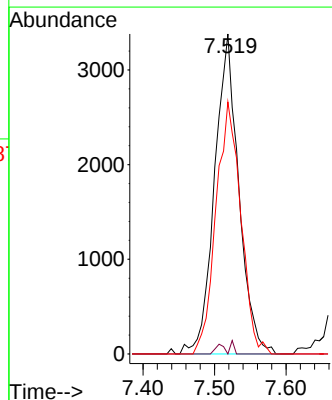
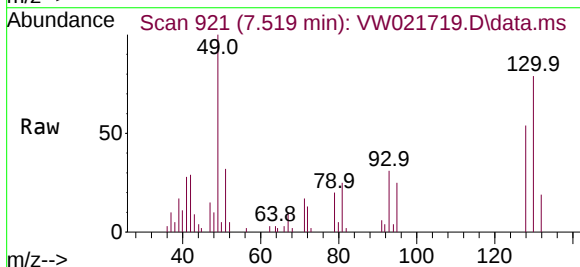
Delta R.T. 0.000 min

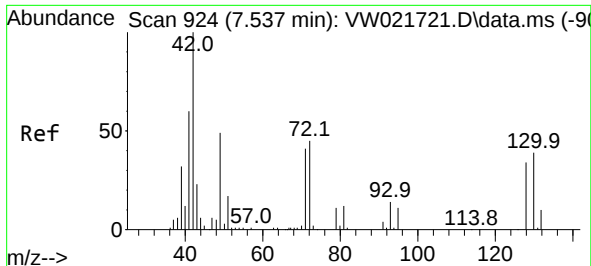
Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Tgt Ion: 49 Resp: 7954

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.2
130	80.7	63.8	95.8





#29

Tetrahydrofuran

Concen: 46.300 ug/l

RT: 7.549 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

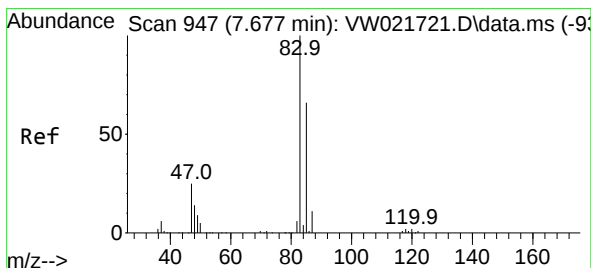
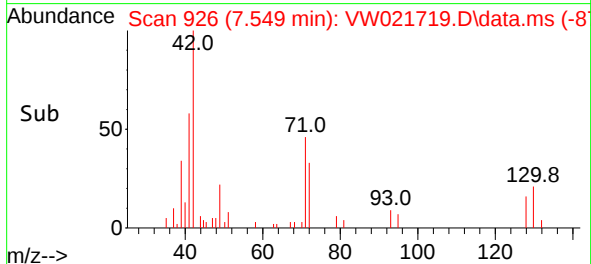
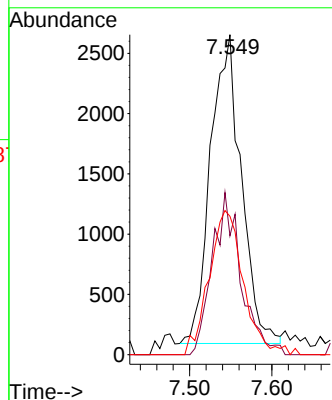
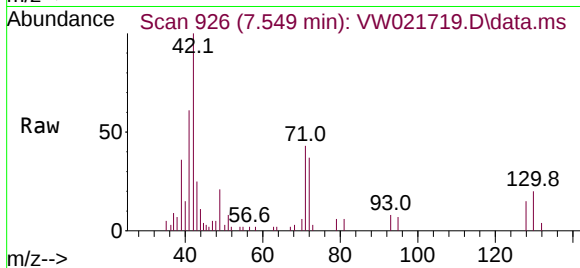
Tgt Ion: 42 Resp: 6645

Ion Ratio Lower Upper

42 100

72 49.5 36.7 55.1

71 52.3 35.0 52.6



#30

Chloroform

Concen: 13.648 ug/l

RT: 7.683 min Scan# 948

Delta R.T. 0.006 min

Lab File: VW021719.D

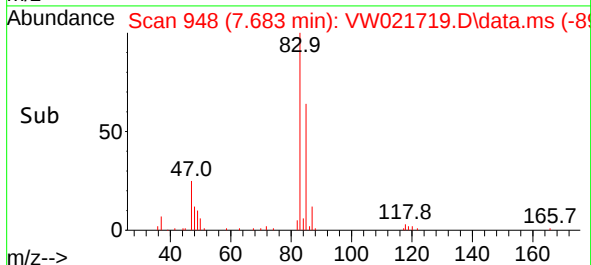
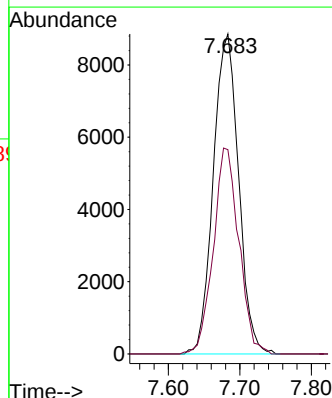
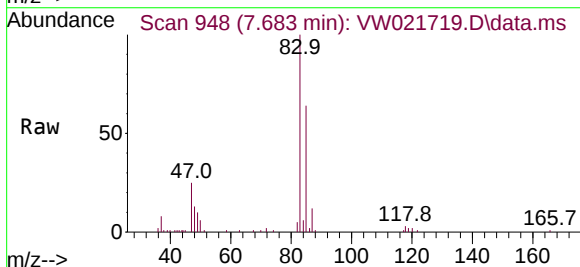
Acq: 03 Jan 2022 22:52

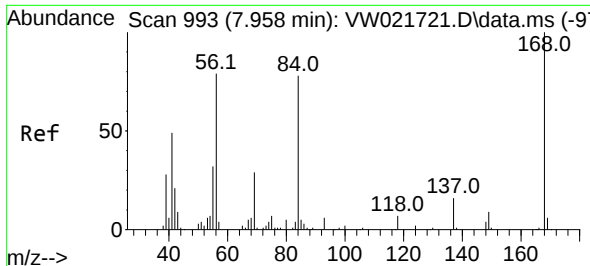
Tgt Ion: 83 Resp: 21733

Ion Ratio Lower Upper

83 100

85 63.8 52.3 78.5

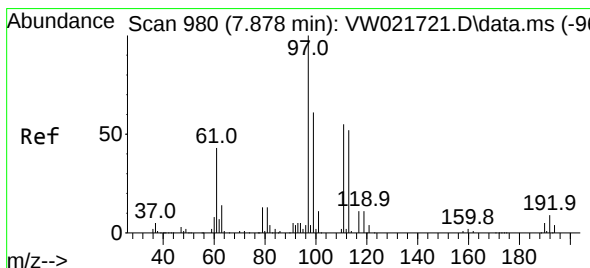
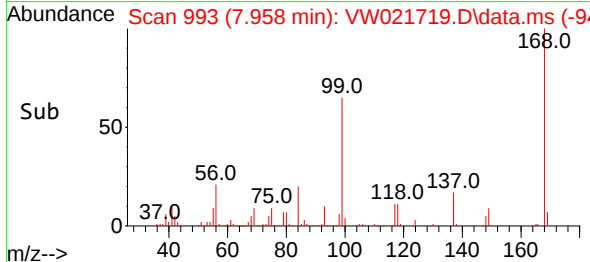
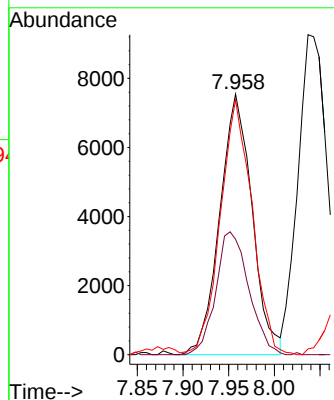
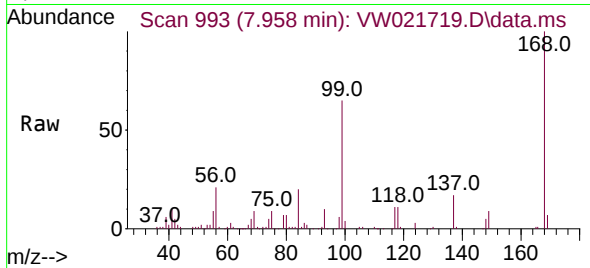




#31
Cyclohexane
Concen: 13.375 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

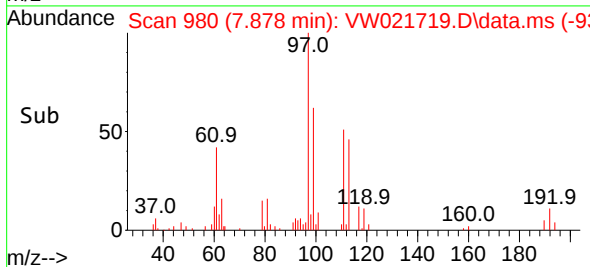
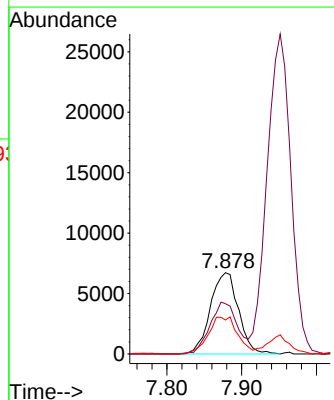
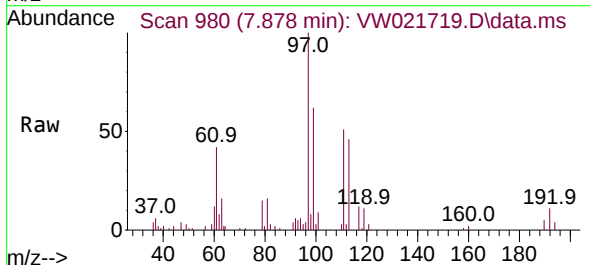
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

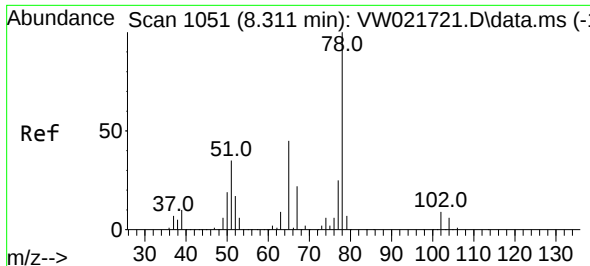
Tgt Ion: 56 Resp: 18557
Ion Ratio Lower Upper
56 100
69 44.2 28.7 43.1#
84 97.1 78.2 117.4



#32
1,1,1-Trichloroethane
Concen: 12.993 ug/l
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 97 Resp: 17486
Ion Ratio Lower Upper
97 100
99 62.6 50.9 76.3
61 47.5 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 14.103 ug/l

RT: 8.311 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

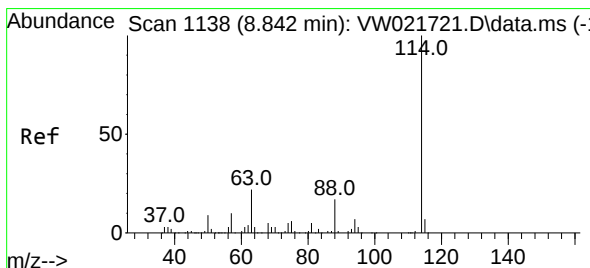
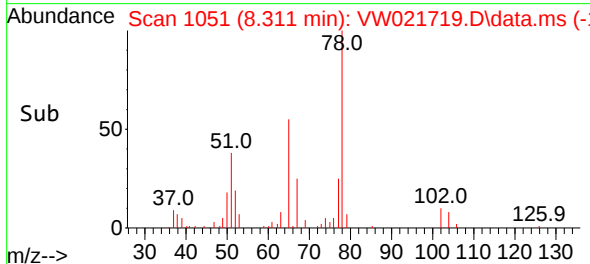
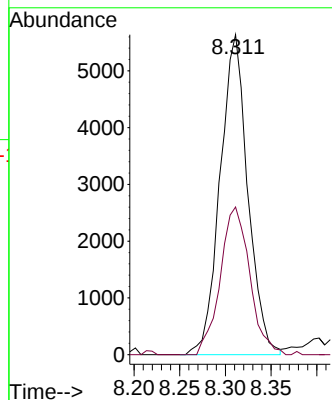
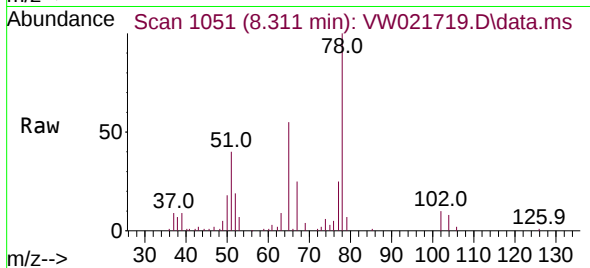
VSTDIC010

Tgt Ion: 65 Resp: 11887

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

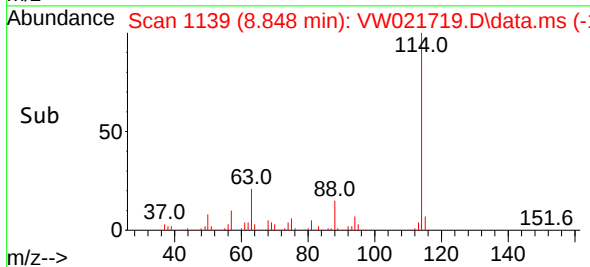
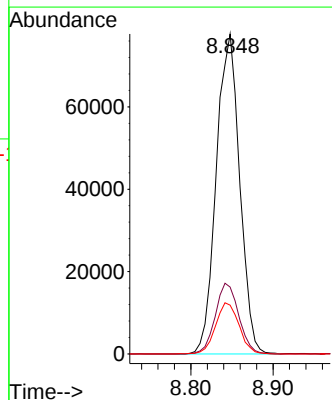
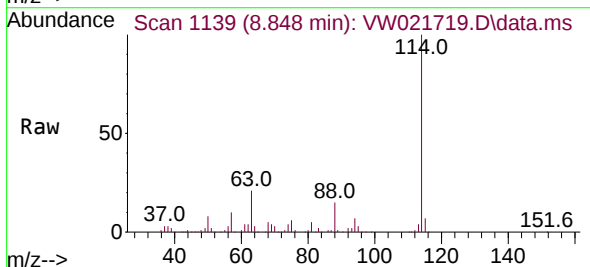
Tgt Ion: 114 Resp: 153885

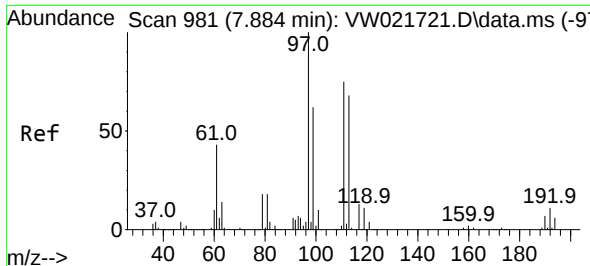
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.6

88 15.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 10.961 ug/l

RT: 7.891 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

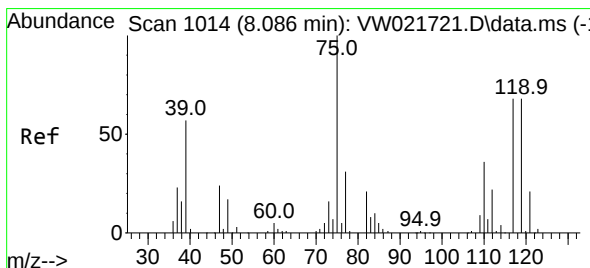
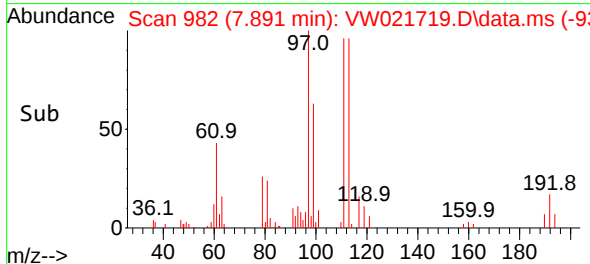
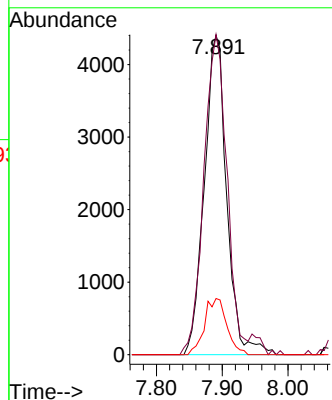
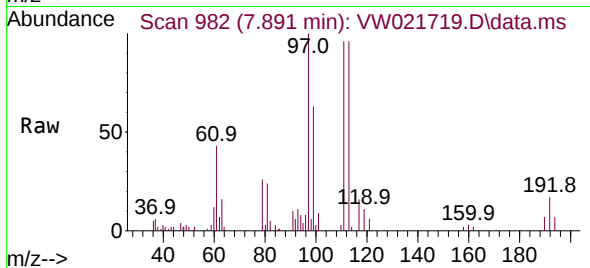
Tgt Ion:113 Resp: 10459

Ion Ratio Lower Upper

113 100

111 103.0 84.3 126.5

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 11.741 ug/l

RT: 8.086 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

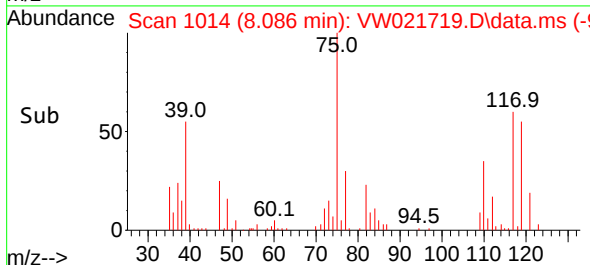
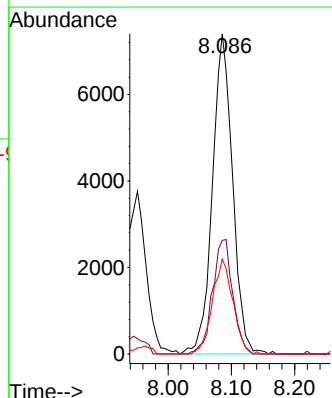
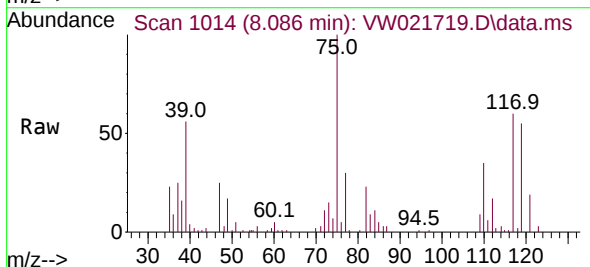
Tgt Ion: 75 Resp: 16359

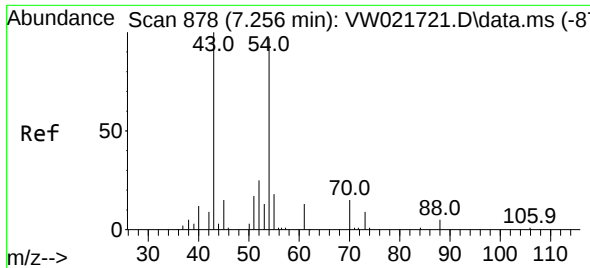
Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

77 30.4 25.4 38.2

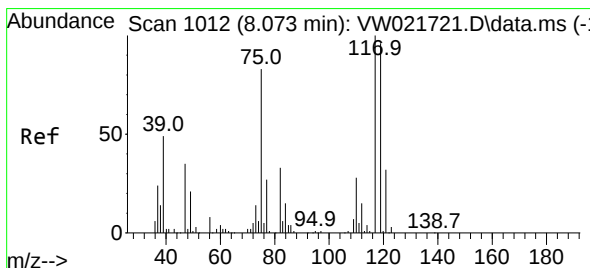
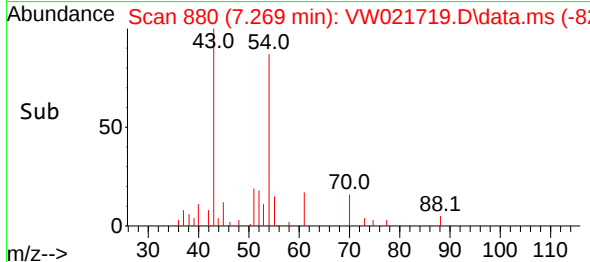
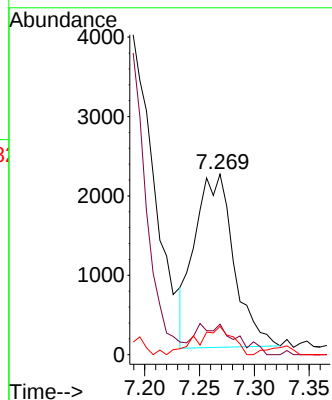
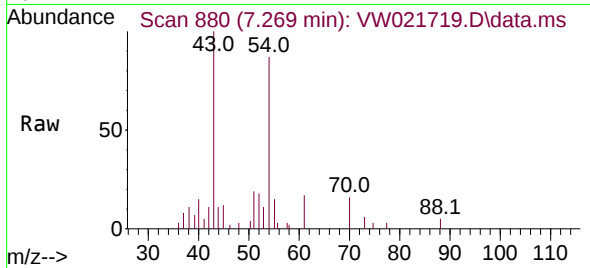




#37
Ethyl Acetate
Concen: 8.910 ug/l
RT: 7.269 min Scan# 878
Delta R.T. 0.012 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

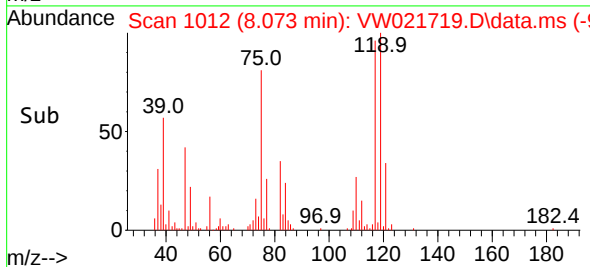
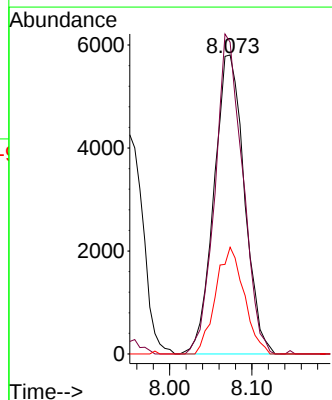
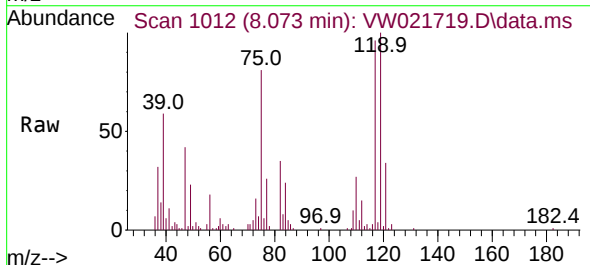
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

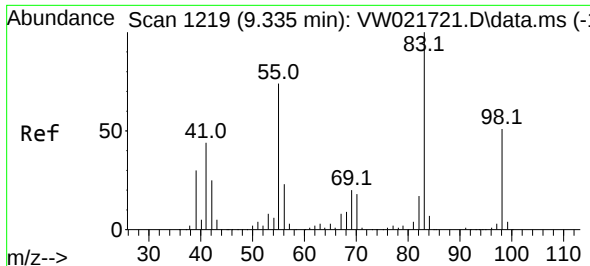
Tgt Ion:	43	Resp:	5421
Ion	Ratio	Lower	Upper
43	100		
61	17.7	11.0	16.6#
70	14.3	9.9	14.9



#38
Carbon Tetrachloride
Concen: 10.202 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:	117	Resp:	14894
Ion	Ratio	Lower	Upper
117	100		
119	104.3	76.9	115.3
121	35.7	25.7	38.5





#39

Methylcyclohexane

Concen: 10.778 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

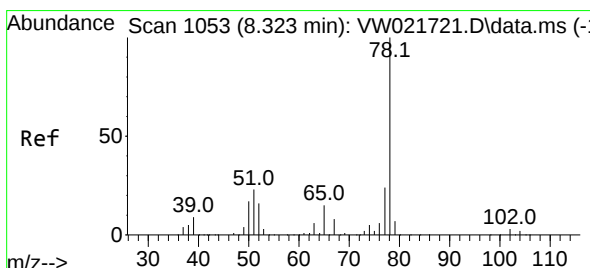
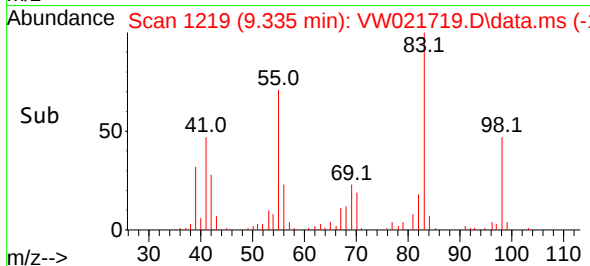
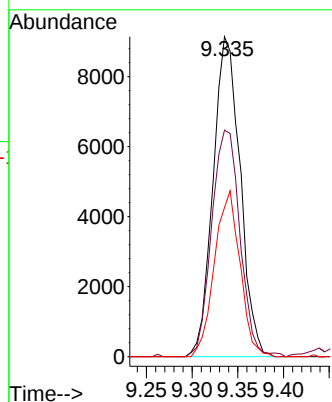
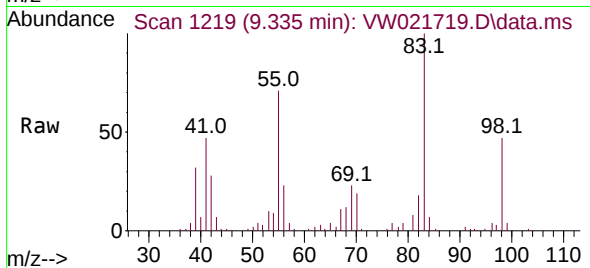
Tgt Ion: 83 Resp: 18805

Ion Ratio Lower Upper

83 100

55 70.8 58.8 88.2

98 46.6 40.6 60.8



#40

Benzene

Concen: 11.580 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW021719.D

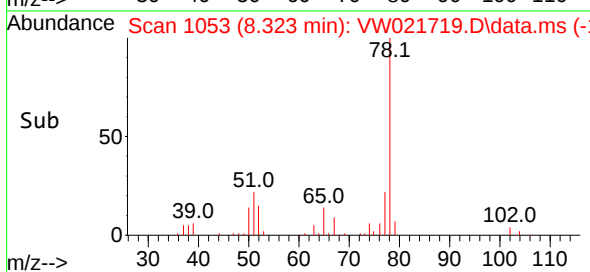
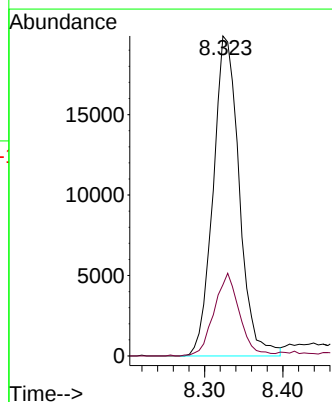
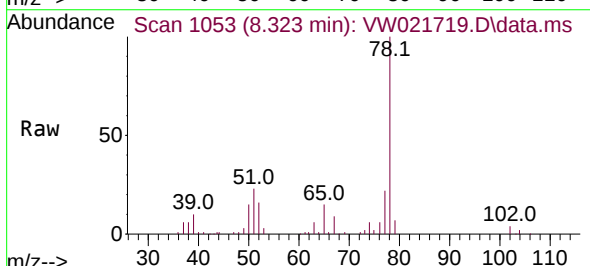
Acq: 03 Jan 2022 22:52

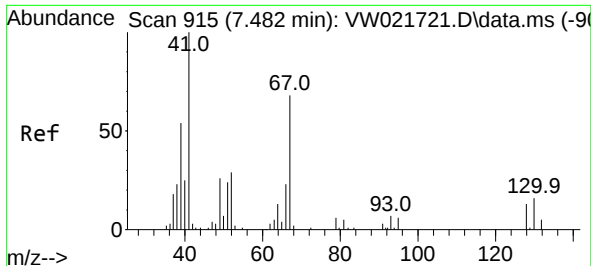
Tgt Ion: 78 Resp: 46054

Ion Ratio Lower Upper

78 100

77 22.3 19.5 29.3

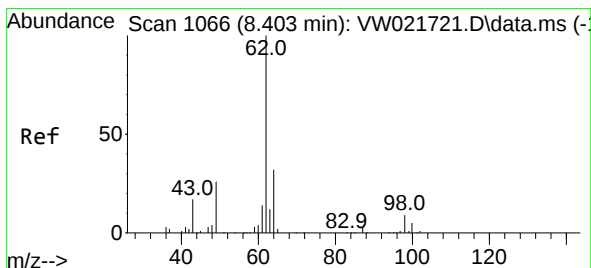
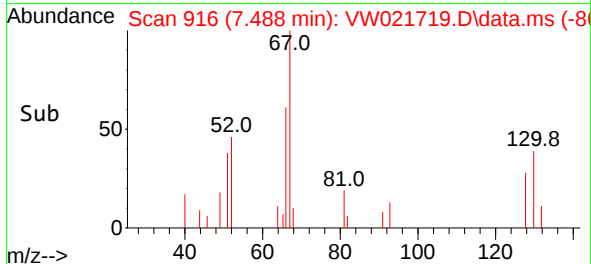
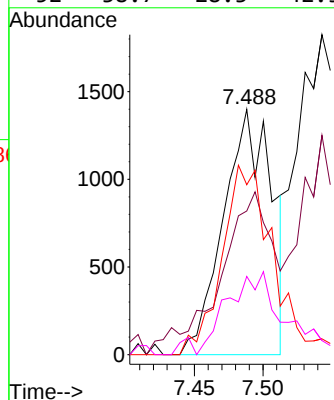
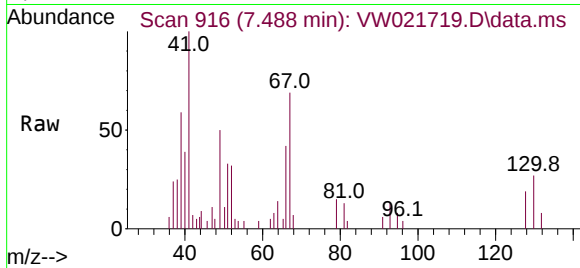




#41
Methacrylonitrile
Concen: 10.643 ug/l
RT: 7.488 min Scan# 915
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

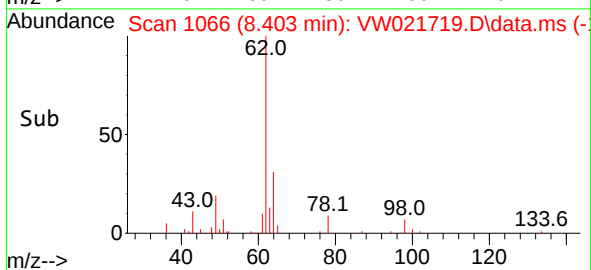
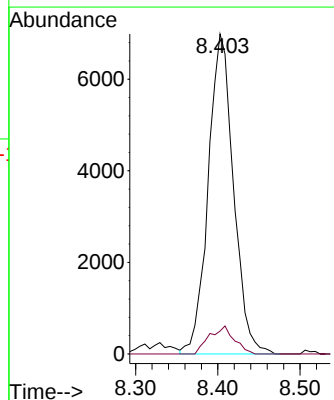
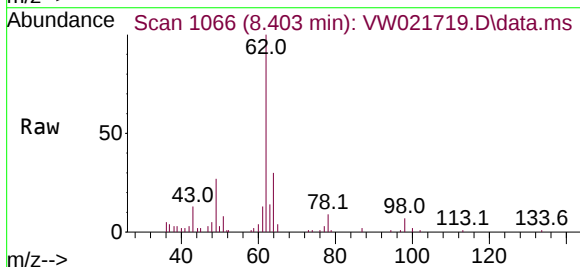
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

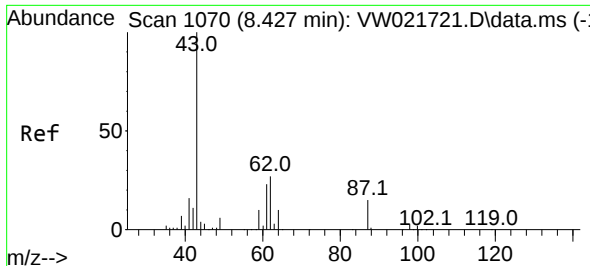
Tgt Ion: 41	Resp: 3438
Ion Ratio	Lower Upper
41 100	
39 72.6	46.3 69.5#
67 79.3	63.3 94.9
52 38.7	28.3 42.5



#42
1,2-Dichloroethane
Concen: 12.337 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 62	Resp: 14945
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 17.6

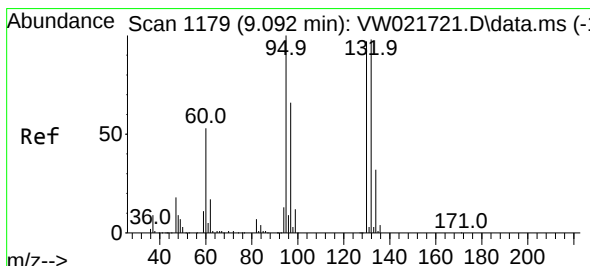
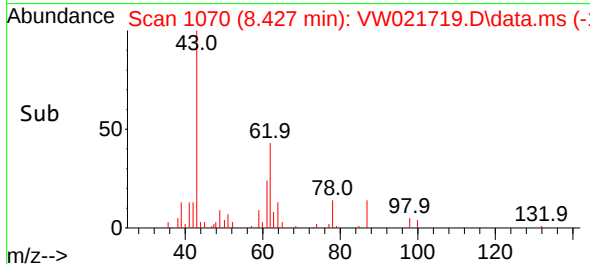
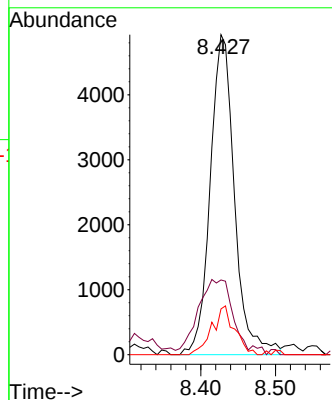
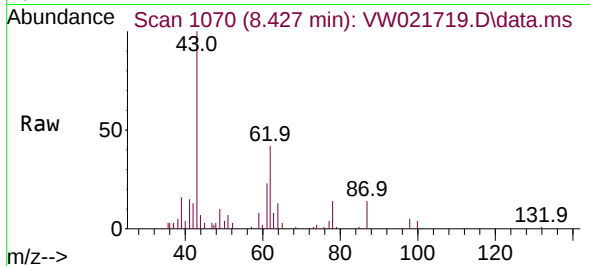




#43
Isopropyl Acetate
Concen: 9.330 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

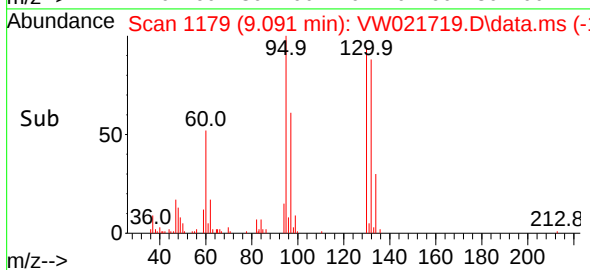
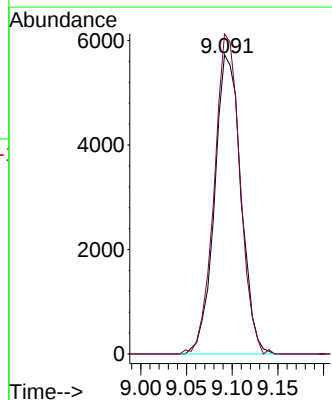
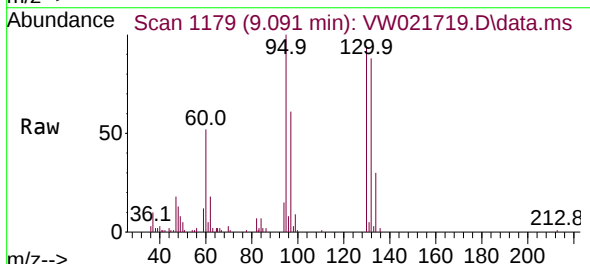
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

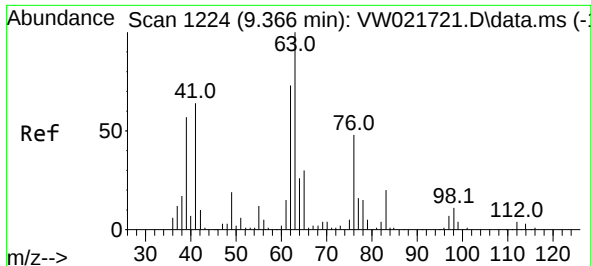
Tgt Ion:	43	Resp:	11118
Ion	Ratio	Lower	Upper
43	100		
61	34.4	26.6	40.0
87	14.1	11.8	17.8



#44
Trichloroethene
Concen: 10.109 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:	130	Resp:	11497
Ion	Ratio	Lower	Upper
130	100		
95	106.9	0.0	206.8





#45

1,2-Dichloropropane

Concen: 11.740 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

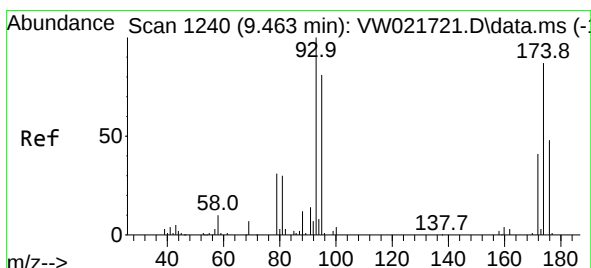
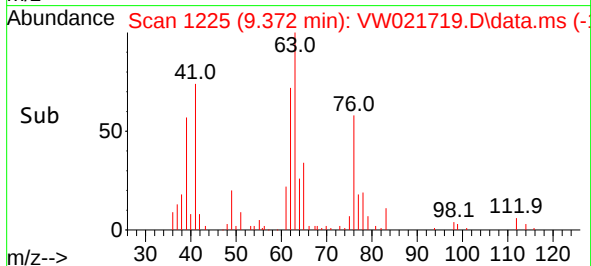
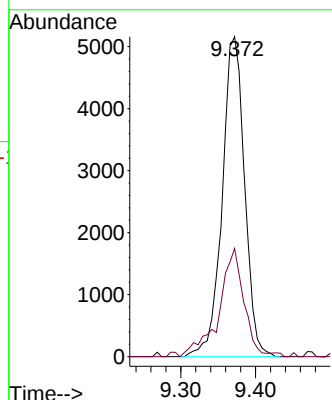
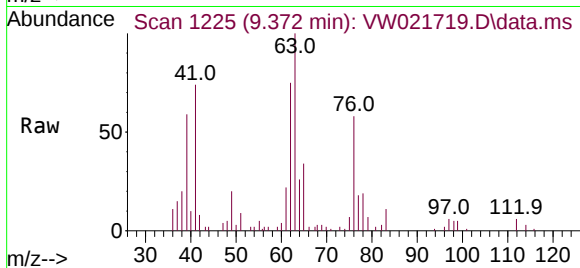
VSTDICC010

Tgt Ion: 63 Resp: 10756

Ion Ratio Lower Upper

63 100

65 33.8 23.9 35.9



#46

Dibromomethane

Concen: 11.384 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

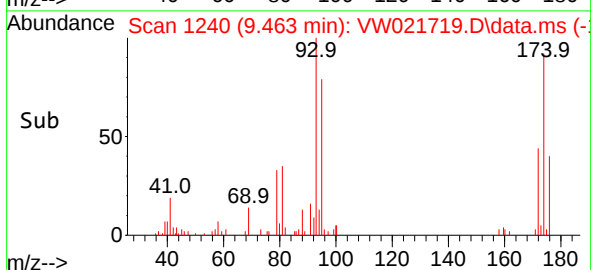
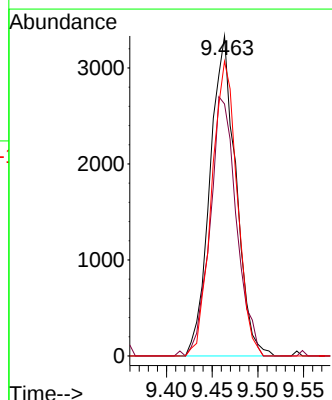
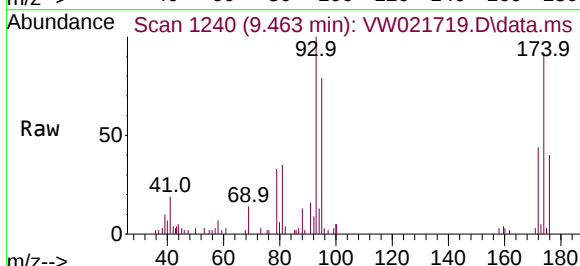
Tgt Ion: 93 Resp: 6588

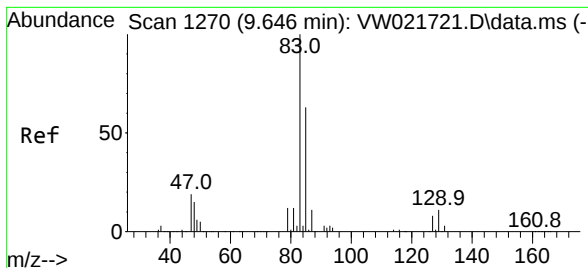
Ion Ratio Lower Upper

93 100

95 82.3 64.6 97.0

174 90.1 73.6 110.4





#47

Bromodichloromethane

Concen: 11.039 ug/l

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

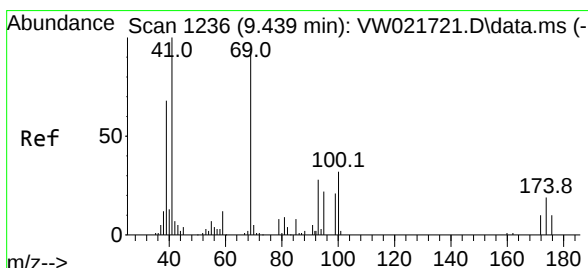
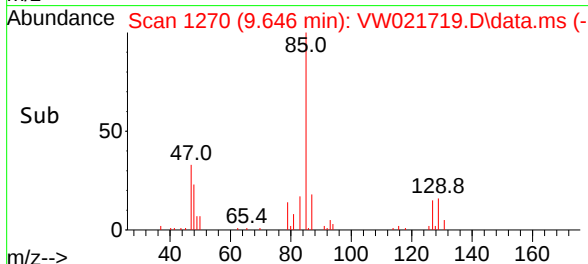
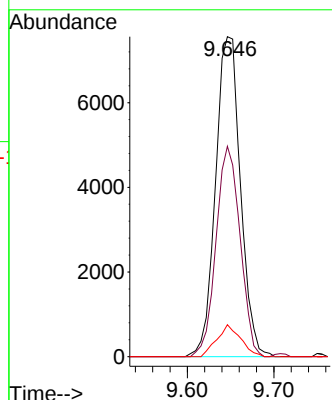
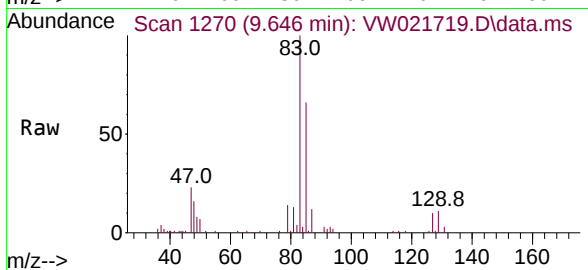
Tgt Ion: 83 Resp: 15095

Ion Ratio Lower Upper

83 100

85 65.7 50.1 75.1

127 10.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 9.748 ug/l

RT: 9.439 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

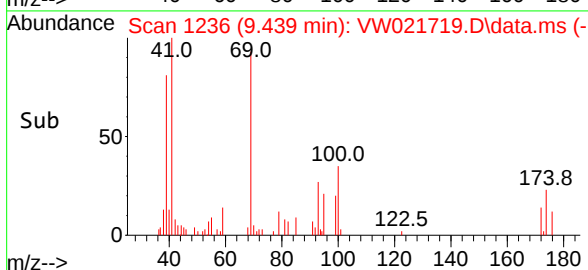
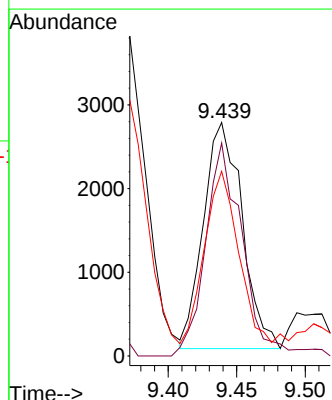
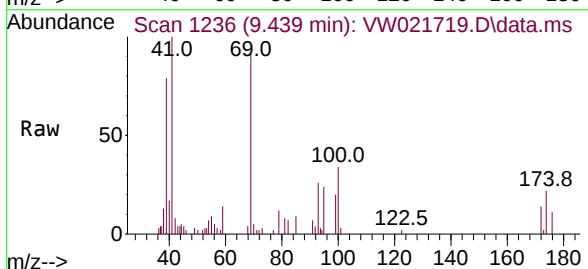
Tgt Ion: 41 Resp: 5298

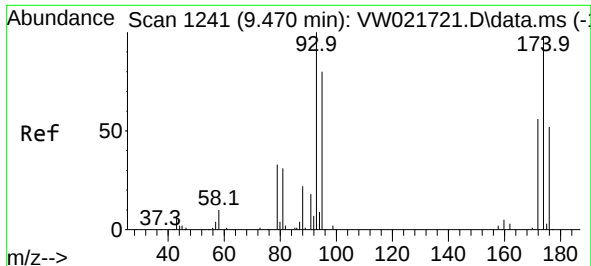
Ion Ratio Lower Upper

41 100

69 88.3 68.7 103.1

39 67.2 50.0 75.0





#49

1,4-Dioxane

Concen: 197.068 ug/l

RT: 9.476 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

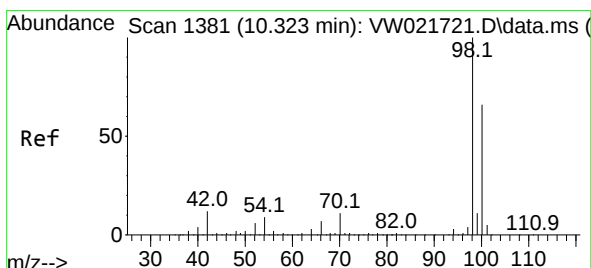
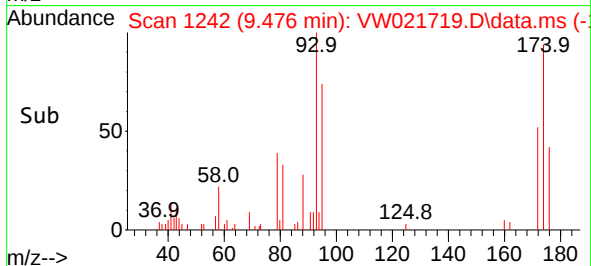
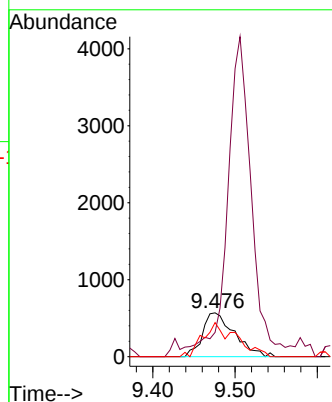
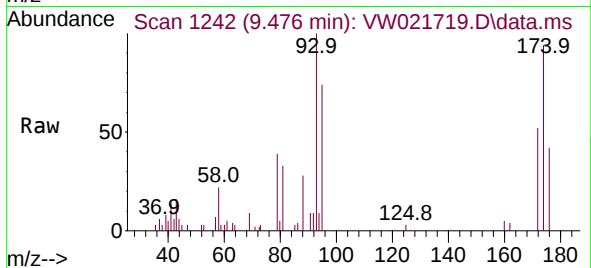
Tgt Ion: 88 Resp: 1536

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 48.8 59.1 88.7#



#50

Toluene-d8

Concen: 10.884 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW021719.D

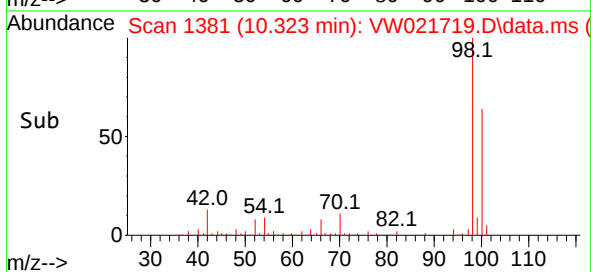
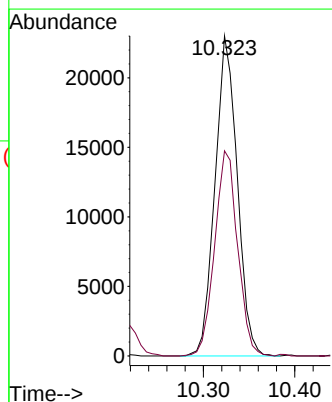
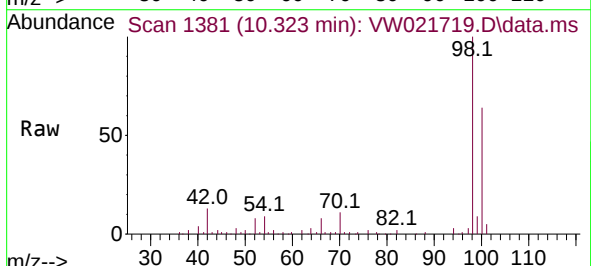
Acq: 03 Jan 2022 22:52

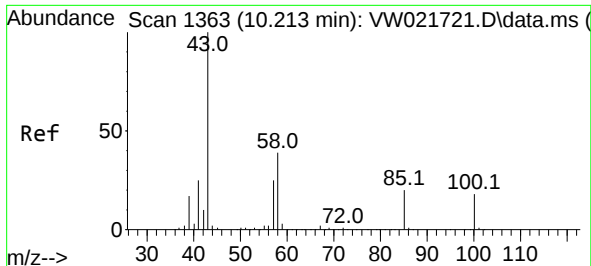
Tgt Ion: 98 Resp: 38878

Ion Ratio Lower Upper

98 100

100 66.1 52.9 79.3

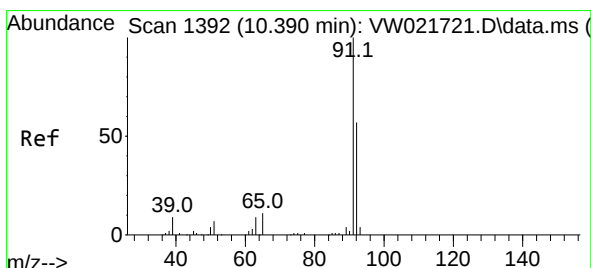
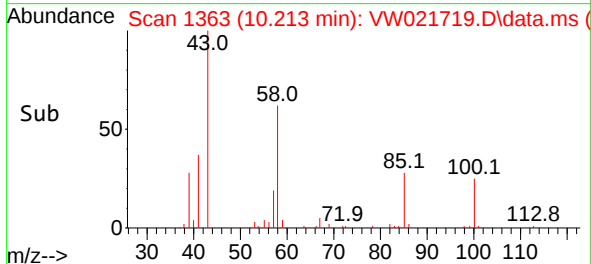
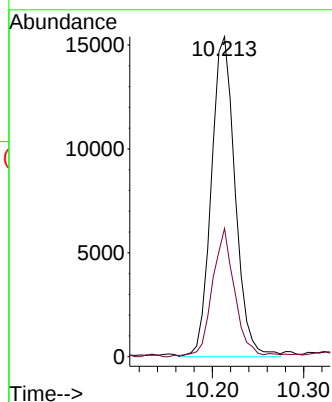
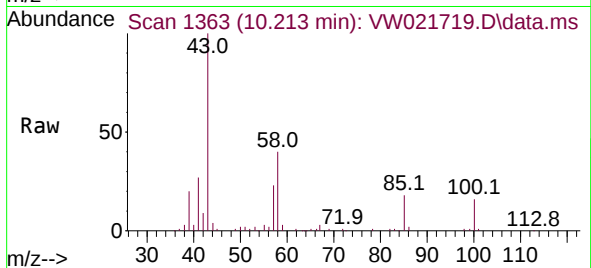




#51
4-Methyl-2-Pentanone
Concen: 45.241 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

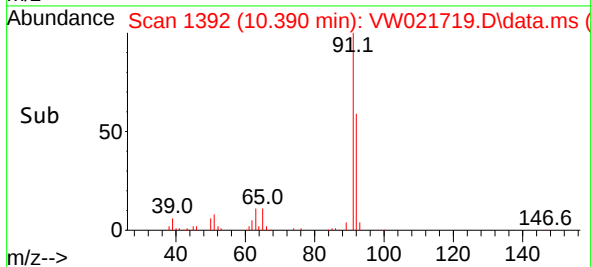
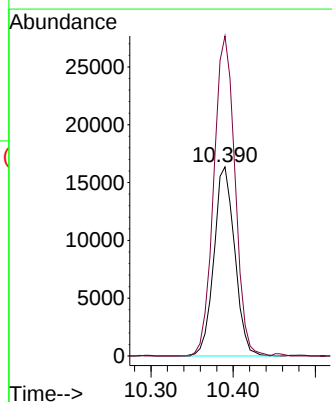
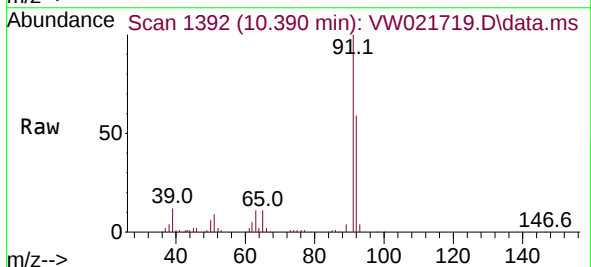
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

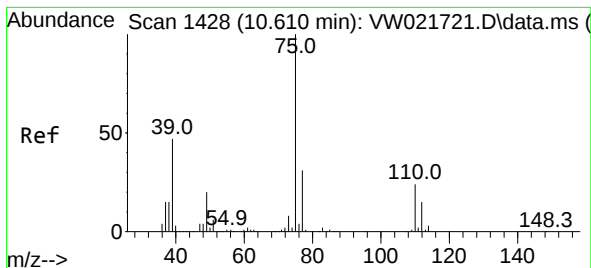
Tgt Ion: 43 Resp: 27846
Ion Ratio Lower Upper
43 100
58 37.4 31.3 46.9



#52
Toluene
Concen: 11.164 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 92 Resp: 28746
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.2

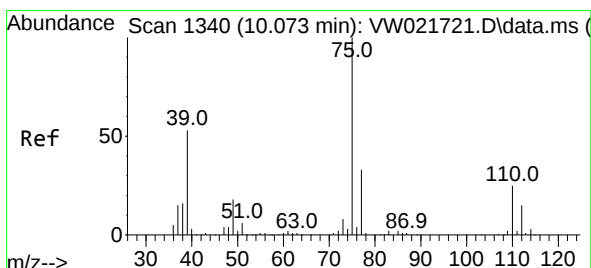
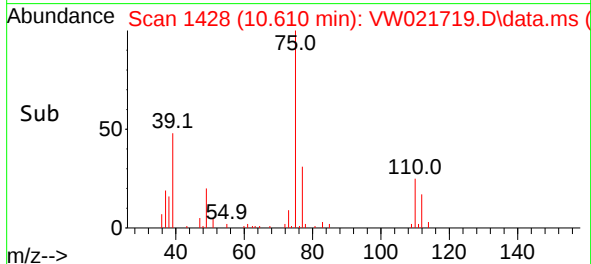
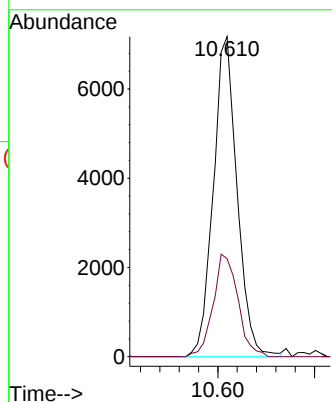
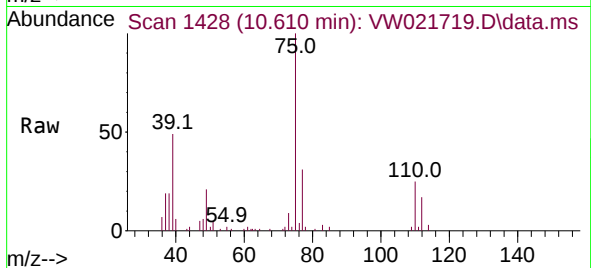




#53
t-1,3-Dichloropropene
Concen: 9.156 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

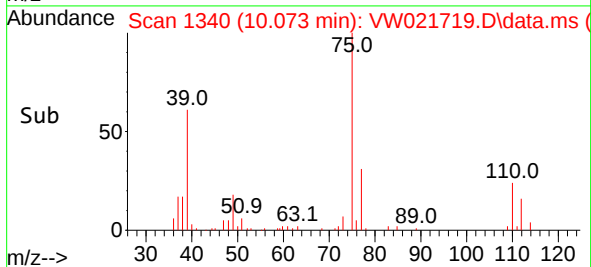
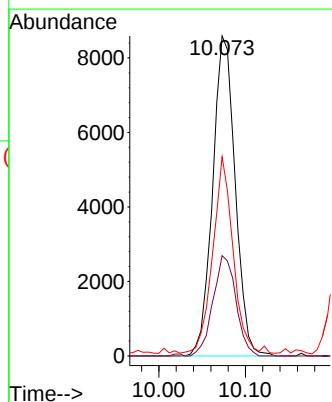
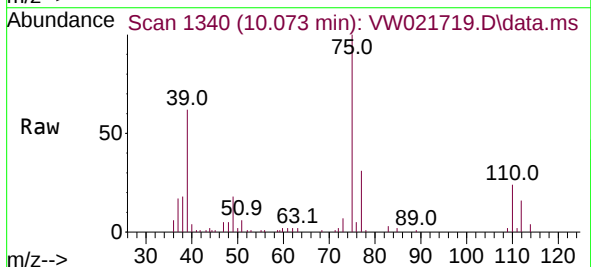
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

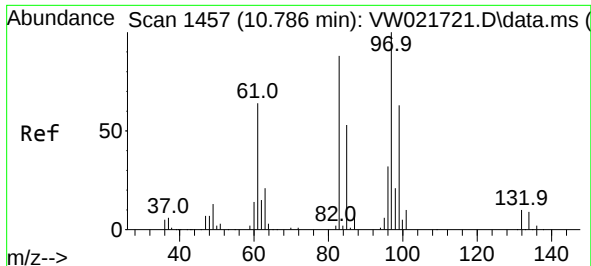
Tgt Ion: 75 Resp: 12255
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 10.171 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 75 Resp: 15526
Ion Ratio Lower Upper
75 100
77 31.4 26.3 39.5
39 61.4 42.3 63.5

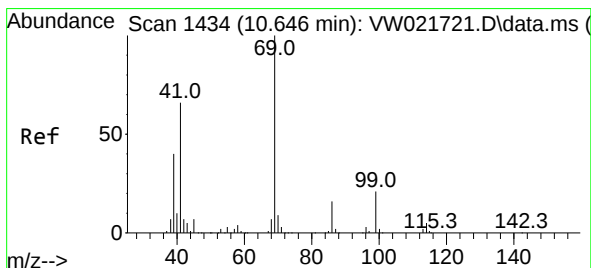
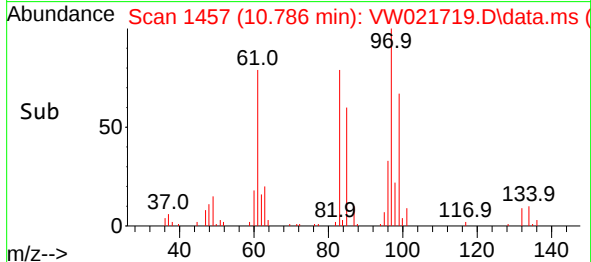
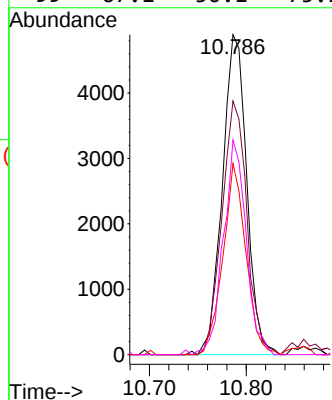
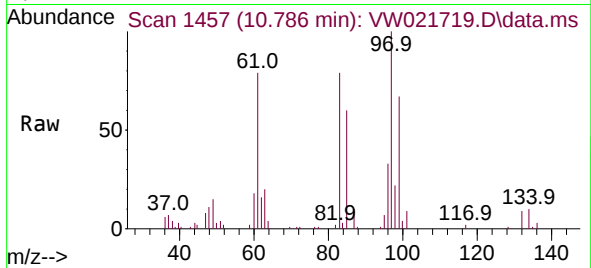




#55
1,1,2-Trichloroethane
Concen: 11.051 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

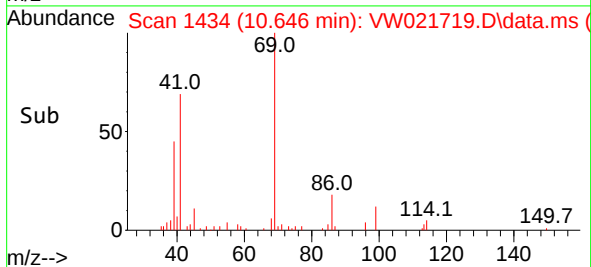
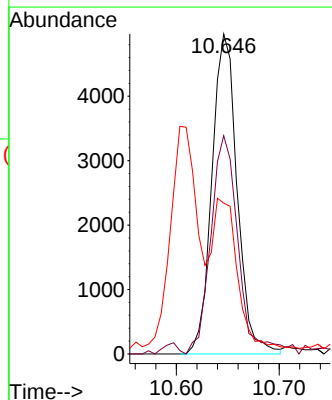
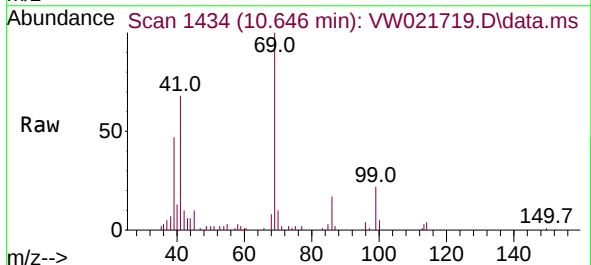
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

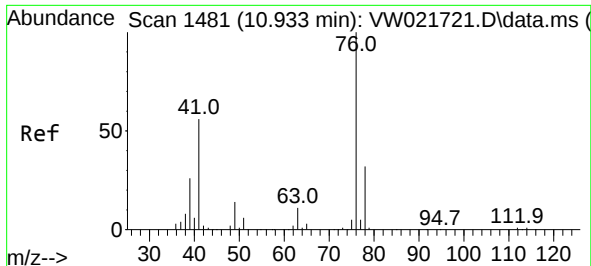
Tgt Ion:	97	Resp:	8550
Ion	Ratio	Lower	Upper
97	100		
83	79.2	70.6	105.8
85	59.7	42.4	63.6
99	67.1	50.1	75.1



#56
Ethyl methacrylate
Concen: 8.756 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:	69	Resp:	8479
Ion	Ratio	Lower	Upper
69	100		
41	74.2	52.4	78.6
39	47.4	31.5	47.3#





#57

1,3-Dichloropropane

Concen: 11.100 ug/l

RT: 10.939 min Scan# 1481

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

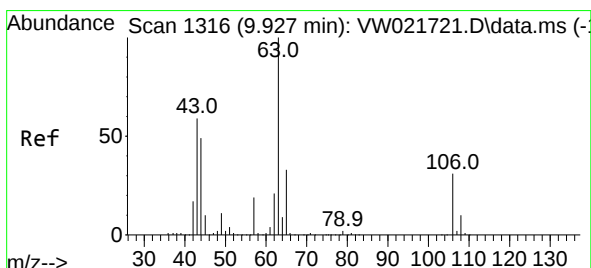
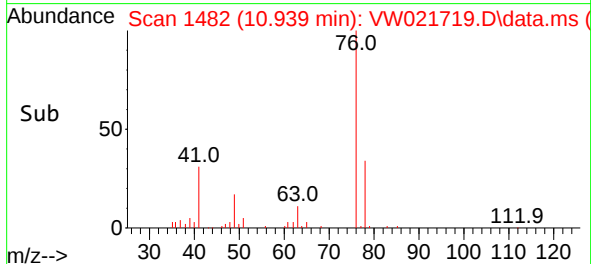
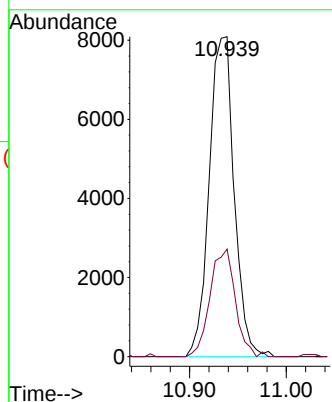
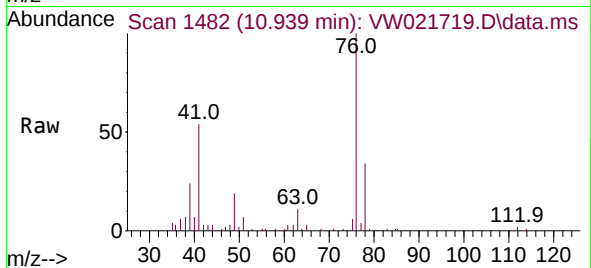
VSTDIC010

Tgt Ion: 76 Resp: 14494

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 45.875 ug/l

RT: 9.927 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VW021719.D

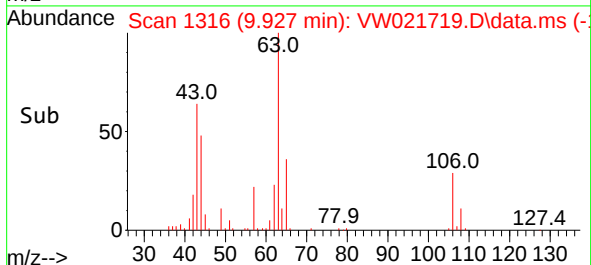
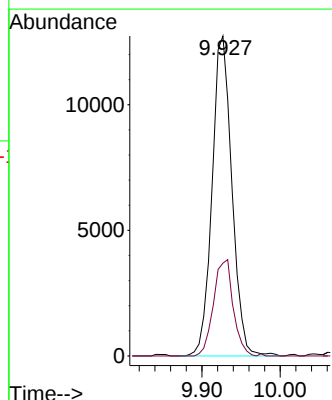
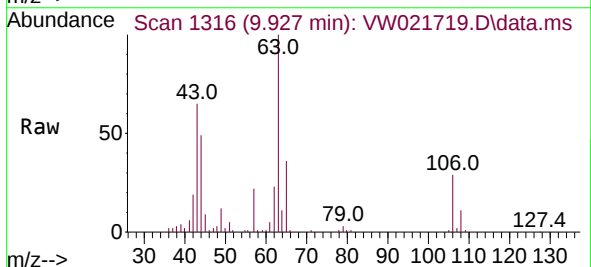
Acq: 03 Jan 2022 22:52

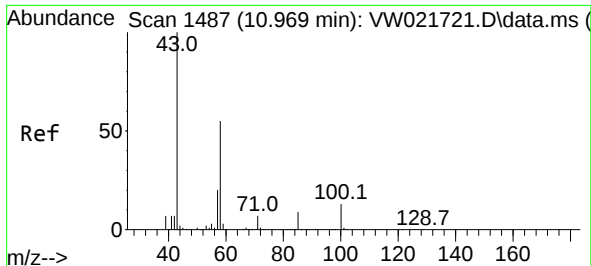
Tgt Ion: 63 Resp: 22389

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8

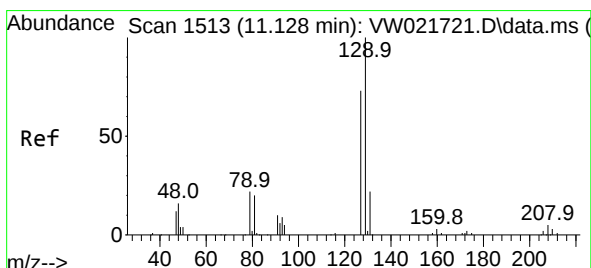
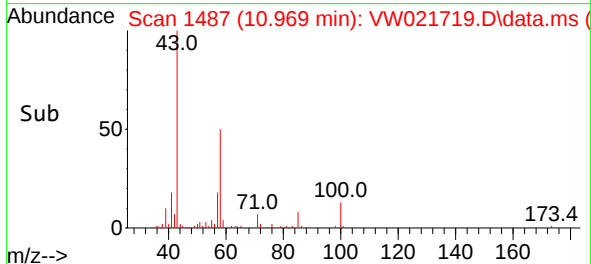
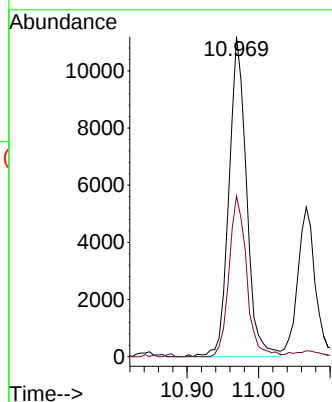
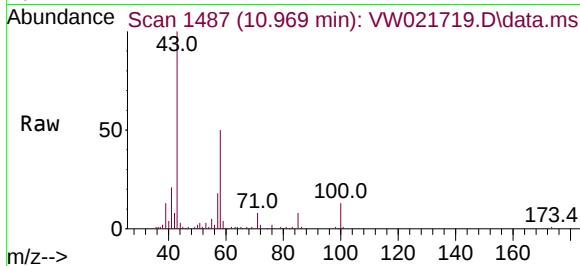




#59
2-Hexanone
Concen: 44.704 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

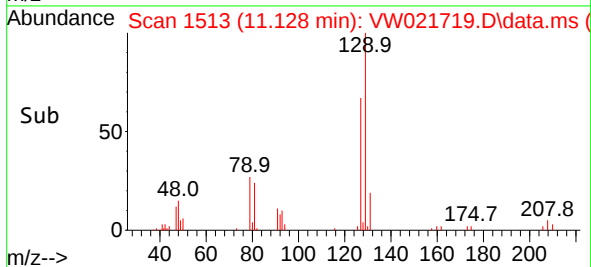
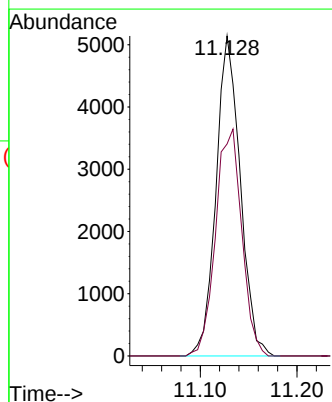
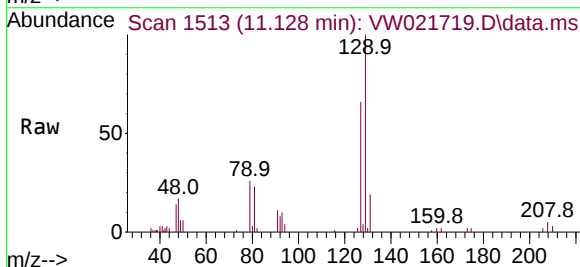
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

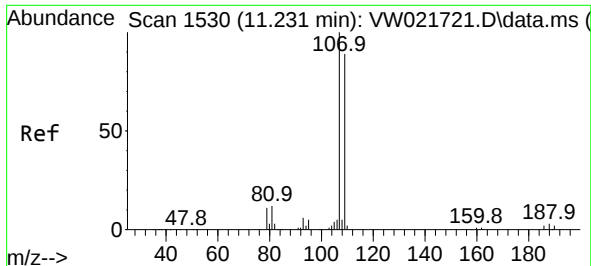
Tgt Ion: 43 Resp: 19095
Ion Ratio Lower Upper
43 100
58 50.2 26.8 80.4



#60
Dibromochloromethane
Concen: 9.284 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 129 Resp: 8934
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3

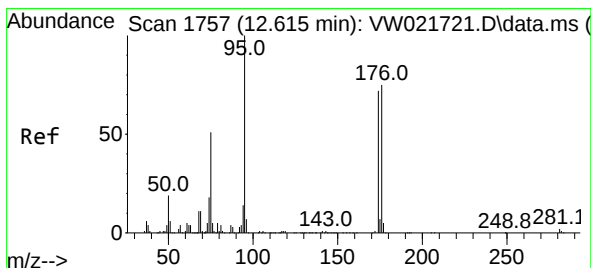
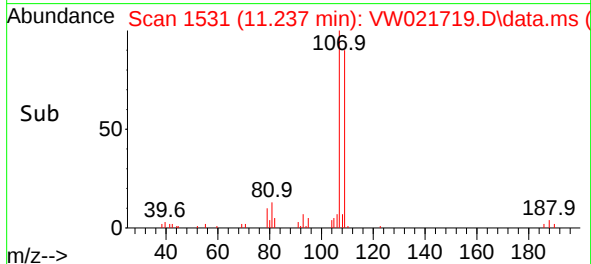
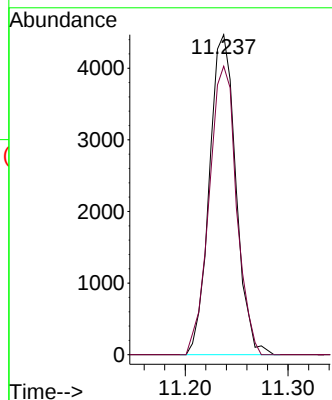
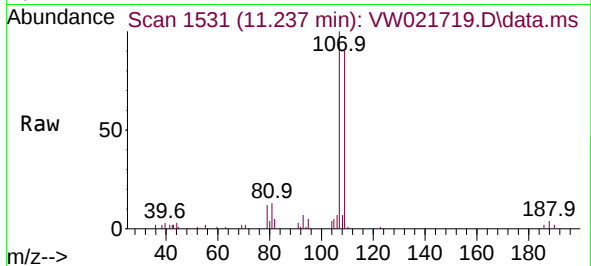




#61
1,2-Dibromoethane
Concen: 10.481 ug/l
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

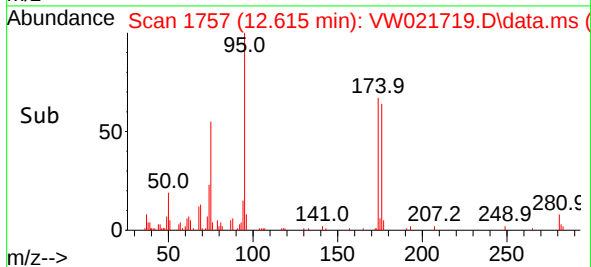
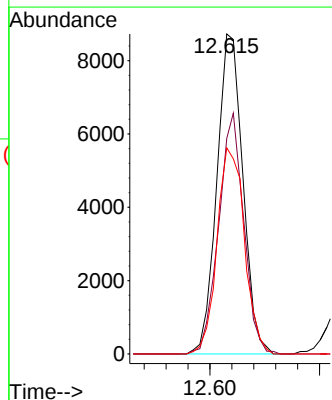
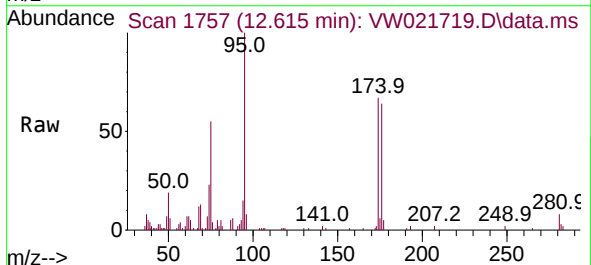
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

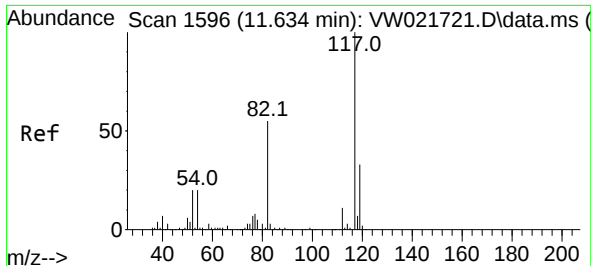
Tgt Ion:107 Resp: 7973
Ion Ratio Lower Upper
107 100
109 93.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 10.794 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 95 Resp: 14360
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 67.8 0.0 151.2

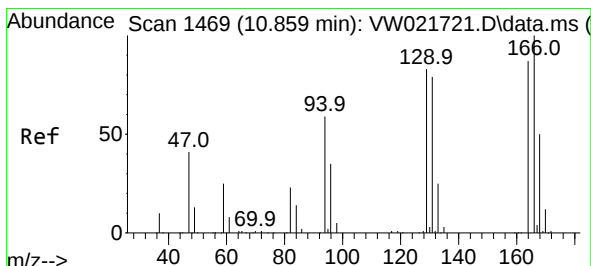
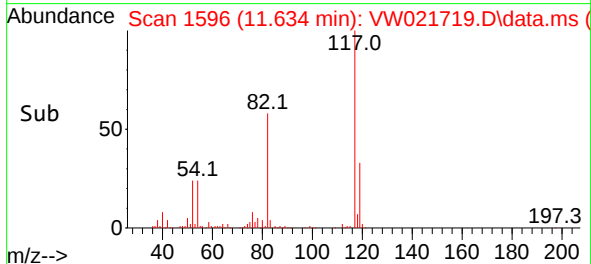
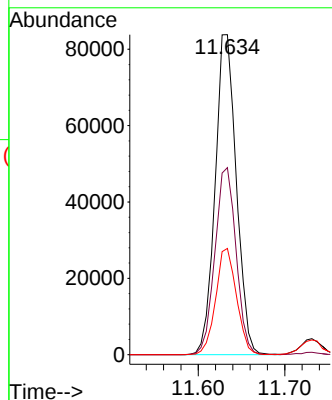
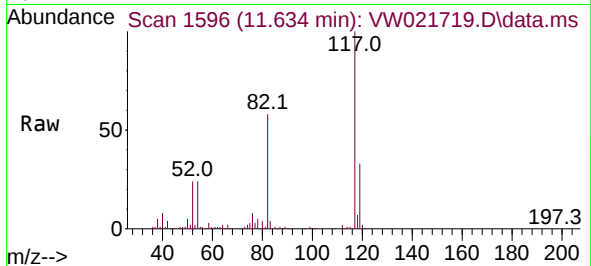




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

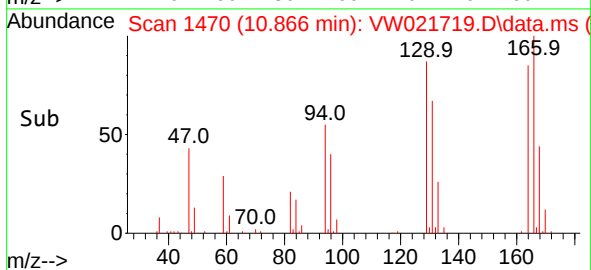
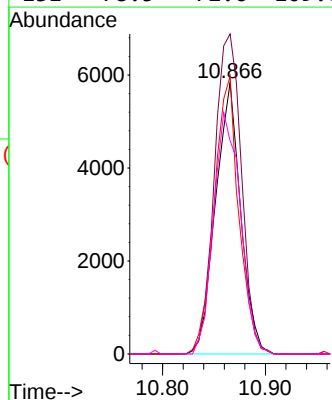
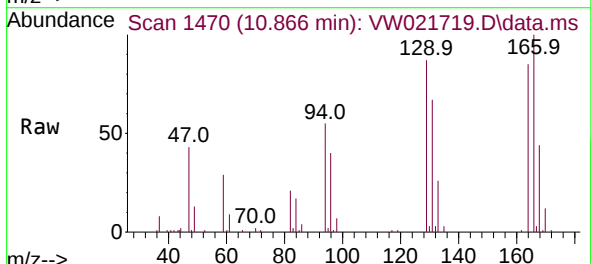
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

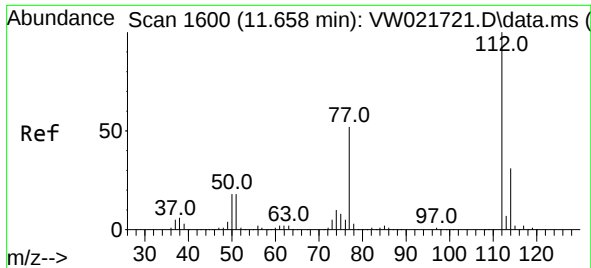
Tgt Ion:117 Resp: 142810
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.2 26.2 39.2



#64
Tetrachloroethene
Concen: 9.555 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:164 Resp: 9867
Ion Ratio Lower Upper
164 100
166 117.9 91.6 137.4
129 102.4 75.6 113.4
131 78.5 72.6 109.0

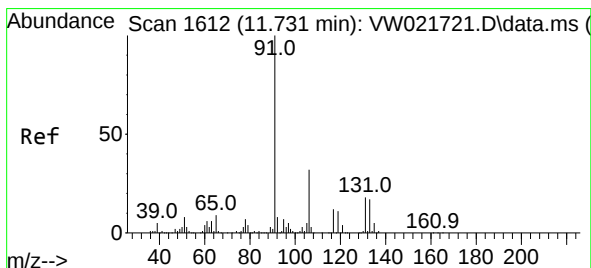
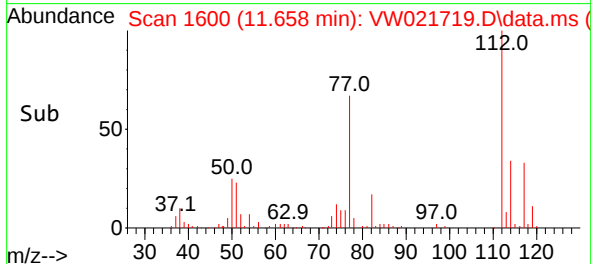
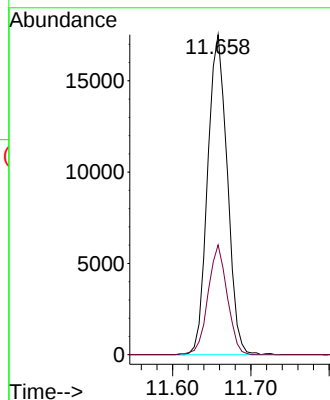
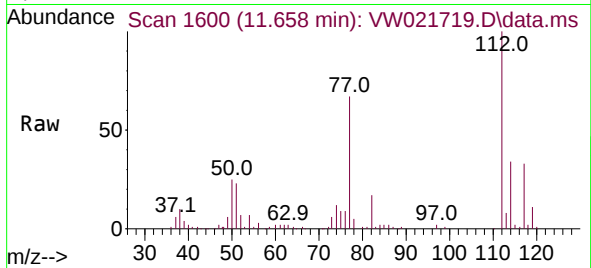




#65
Chlorobenzene
Concen: 10.618 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

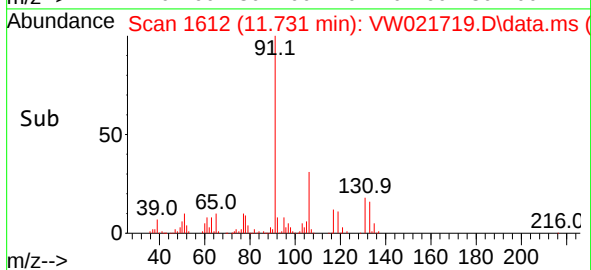
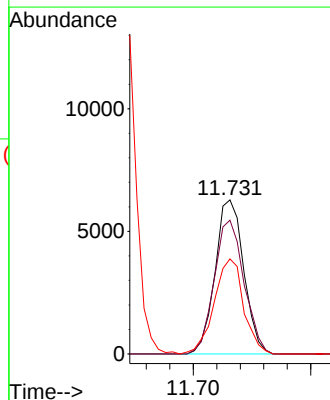
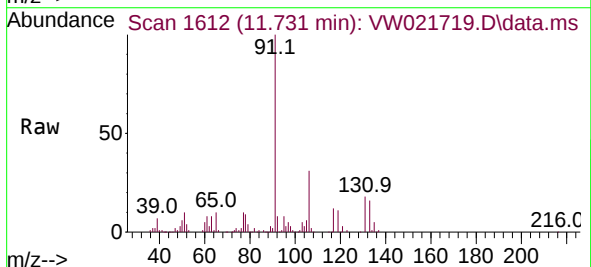
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

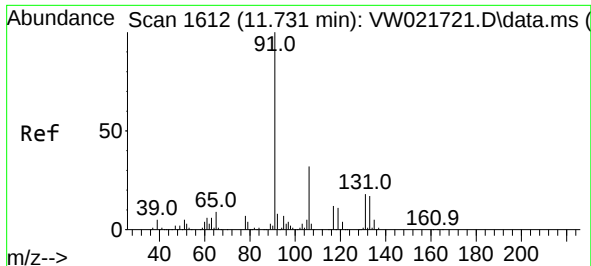
Tgt Ion:112 Resp: 30461
Ion Ratio Lower Upper
112 100
114 34.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.079 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:131 Resp: 10626
Ion Ratio Lower Upper
131 100
133 90.7 47.5 142.6
119 63.4 31.8 95.4





#67

Ethyl Benzene

Concen: 11.202 ug/l

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

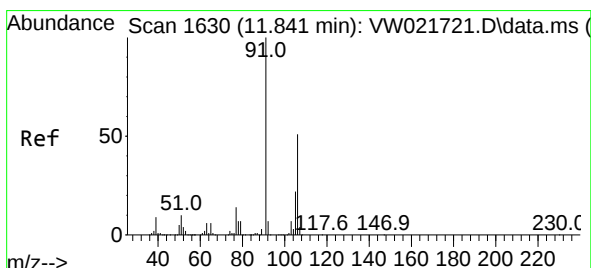
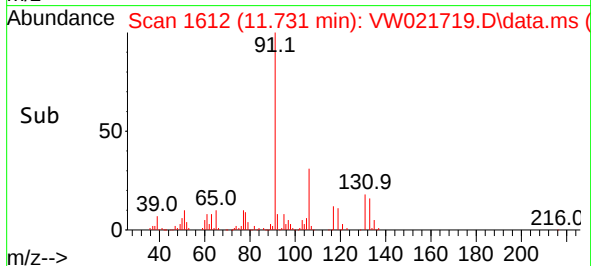
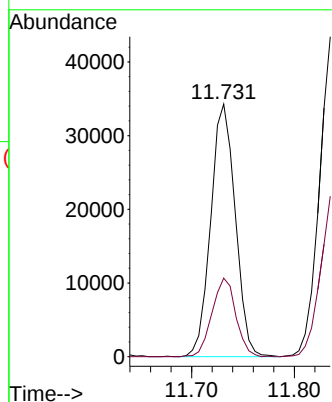
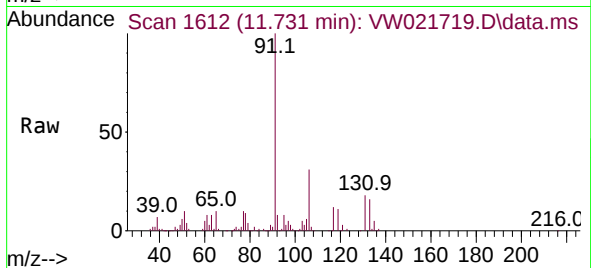
VSTDIC010

Tgt Ion: 91 Resp: 56775

Ion Ratio Lower Upper

91 100

106 31.1 25.6 38.4



#68

m/p-Xylenes

Concen: 21.101 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VW021719.D

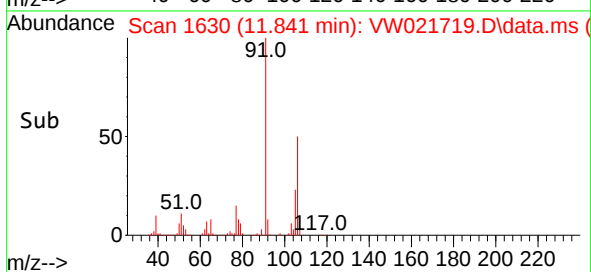
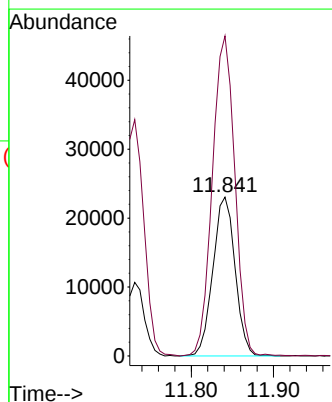
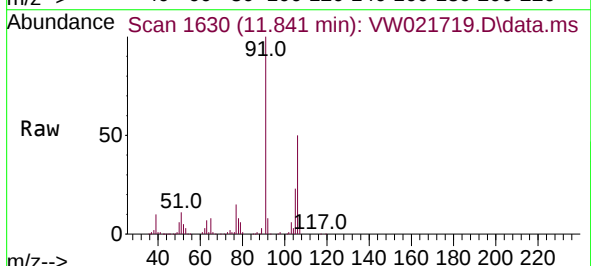
Acq: 03 Jan 2022 22:52

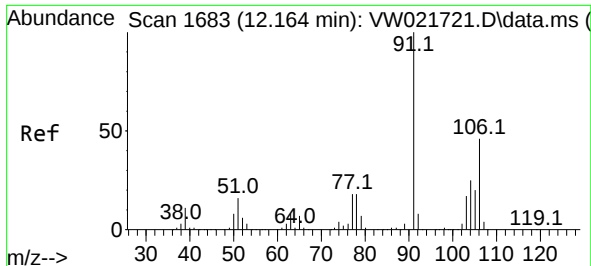
Tgt Ion: 106 Resp: 43184

Ion Ratio Lower Upper

106 100

91 204.3 161.7 242.5

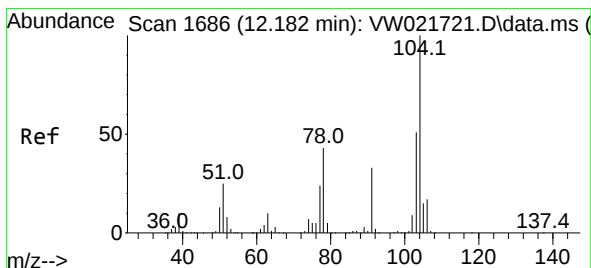
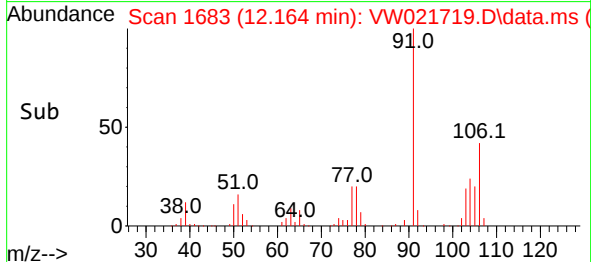
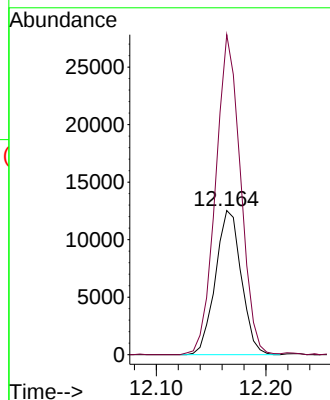
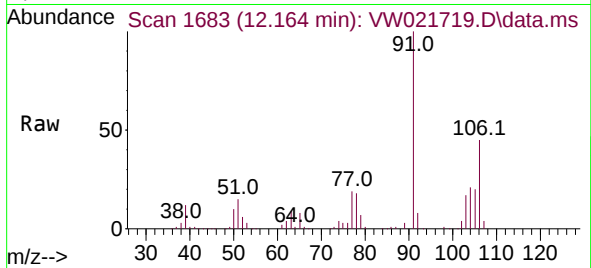




#69
o-Xylene
Concen: 10.711 ug/l
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

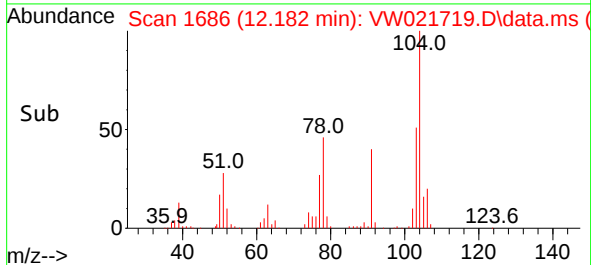
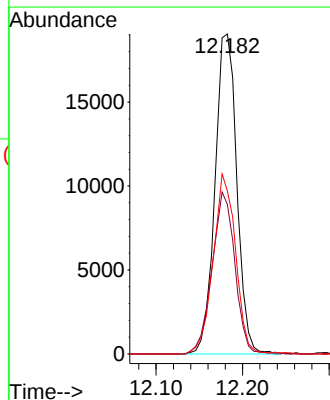
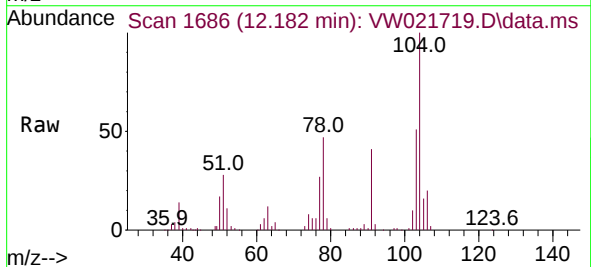
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

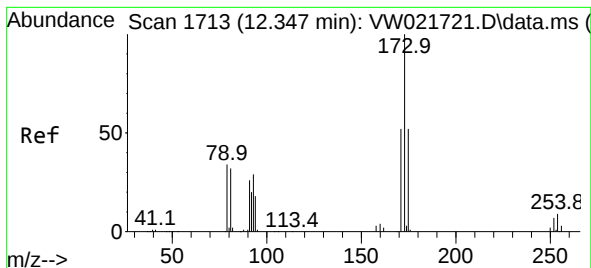
Tgt Ion:106 Resp: 20528
Ion Ratio Lower Upper
106 100
91 214.4 104.5 313.3



#70
Styrene
Concen: 10.379 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion:104 Resp: 33300
Ion Ratio Lower Upper
104 100
78 53.0 39.9 59.9
103 57.6 44.2 66.4





#71

Bromoform

Concen: 7.464 ug/l

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

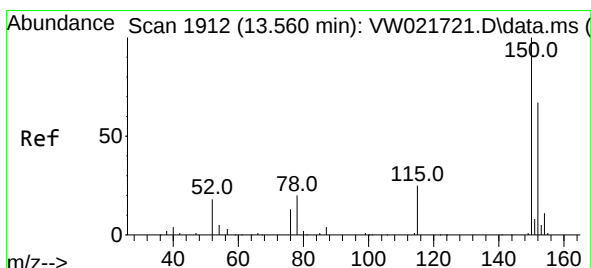
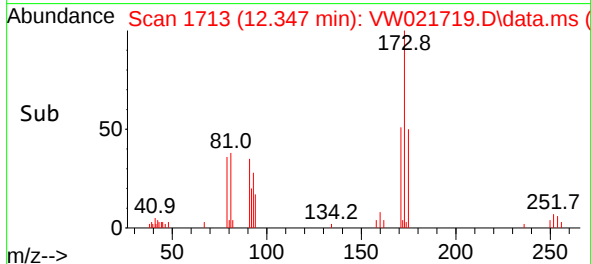
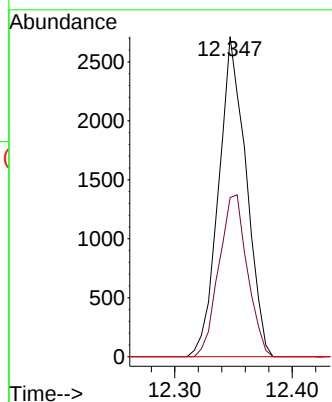
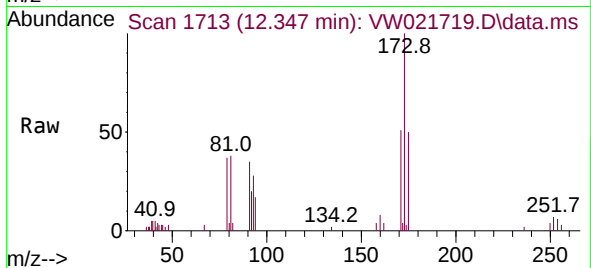
Tgt Ion:173 Resp: 4411

Ion Ratio Lower Upper

173 100

175 52.4 25.6 76.6

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.560 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

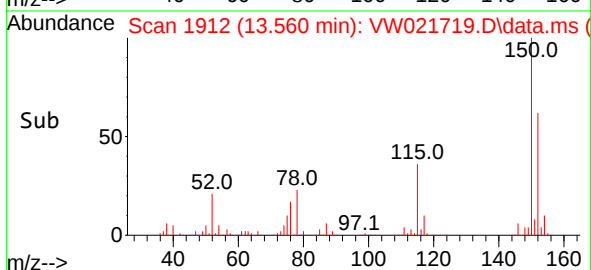
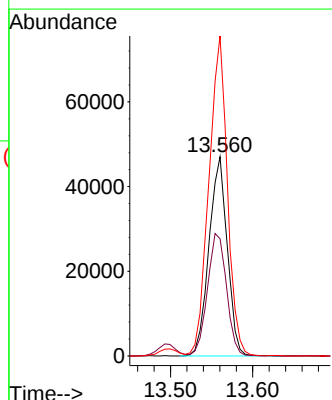
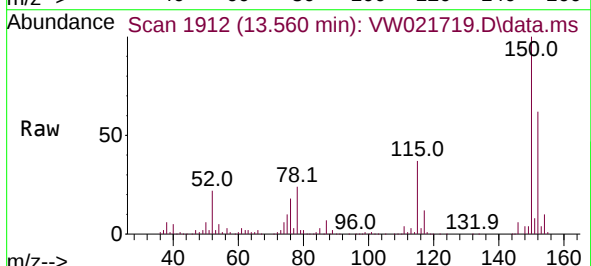
Tgt Ion:152 Resp: 72713

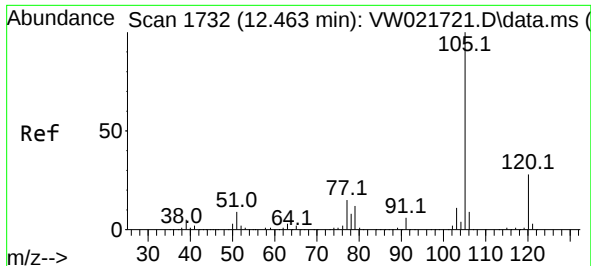
Ion Ratio Lower Upper

152 100

115 63.9 29.3 87.9

150 162.4 0.0 356.6

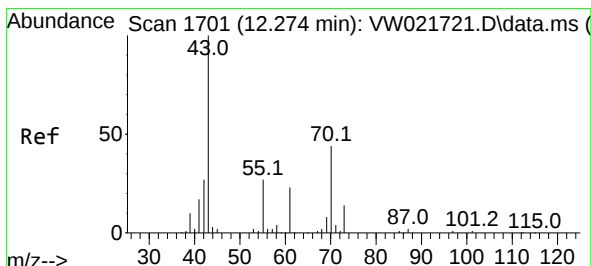
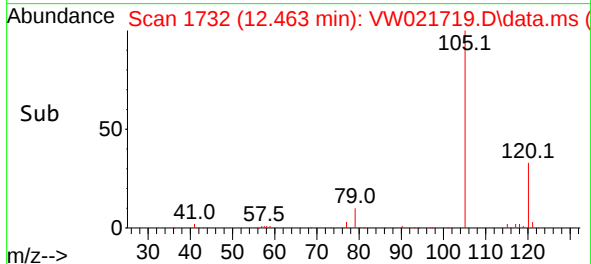
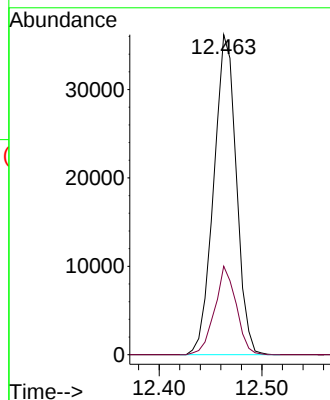
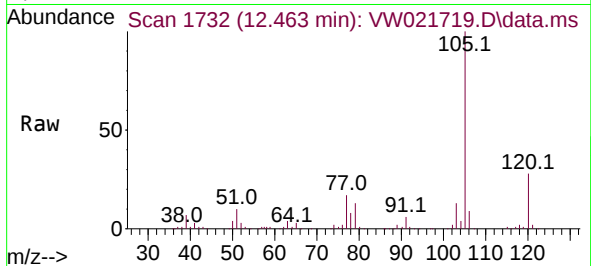




#73
Isopropylbenzene
Concen: 11.016 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

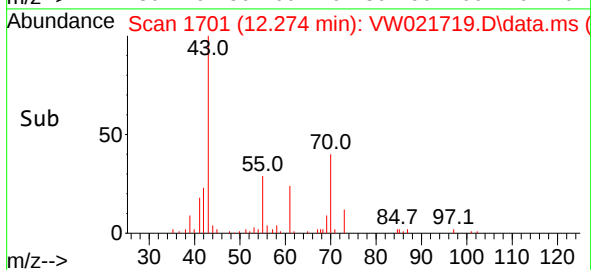
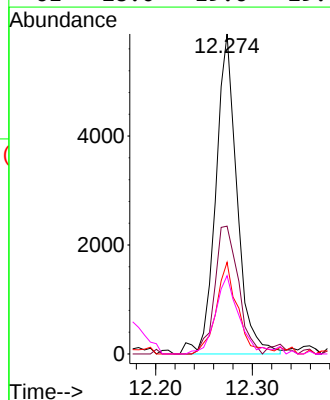
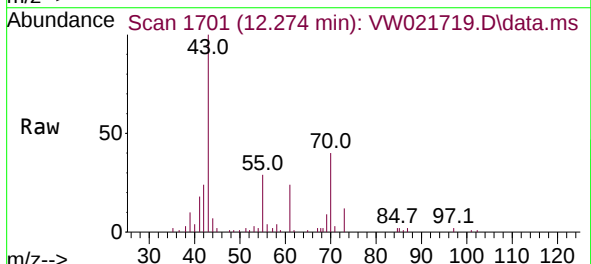
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

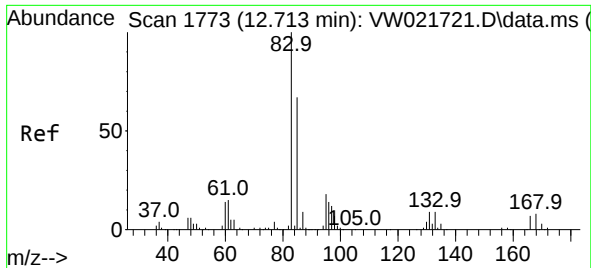
Tgt Ion:105 Resp: 55244
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5



#74
N-ethyl acetate
Concen: 8.002 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 43 Resp: 8974
Ion Ratio Lower Upper
43 100
70 44.0 35.8 53.6
55 29.1 21.1 31.7
61 28.0 19.6 29.4

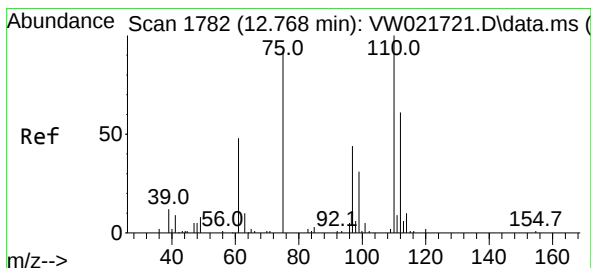
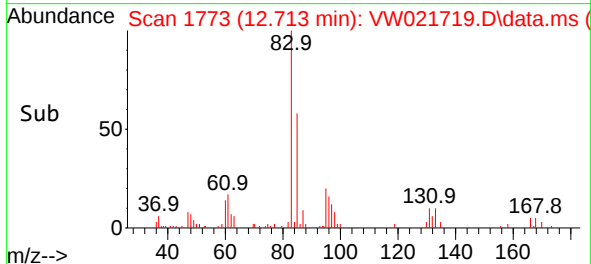
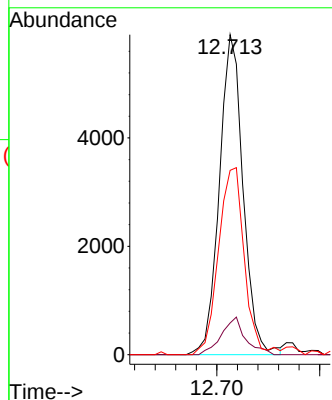
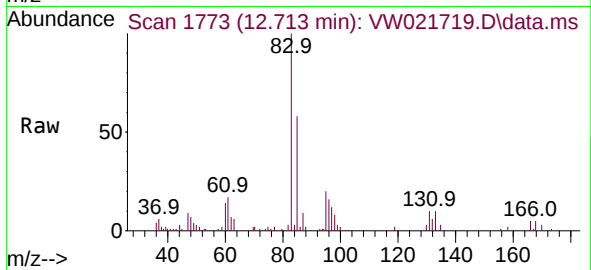




#75
1,1,2,2-Tetrachloroethane
Concen: 10.998 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

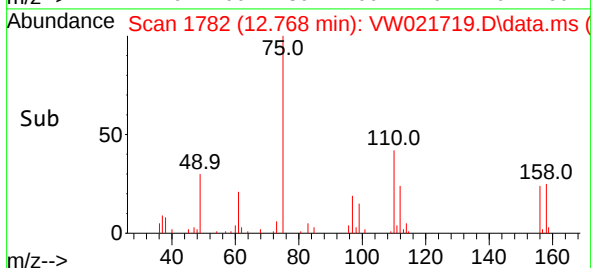
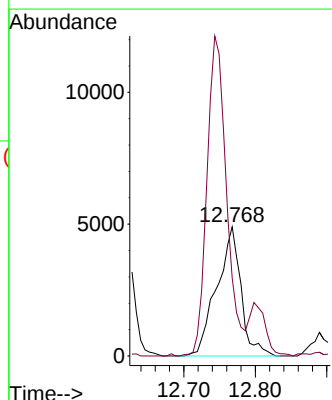
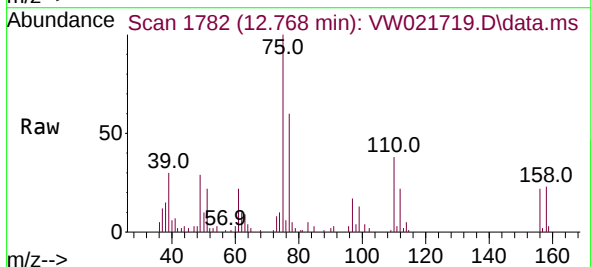
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

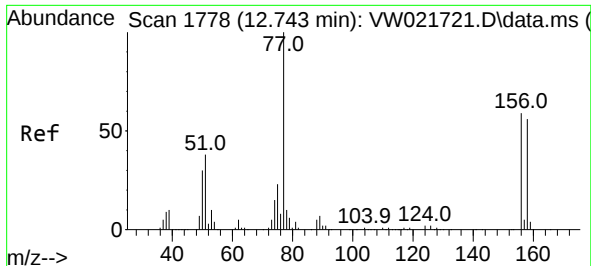
Tgt Ion: 83 Resp: 9462
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.5
85 62.8 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 17.665 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 75 Resp: 11498
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

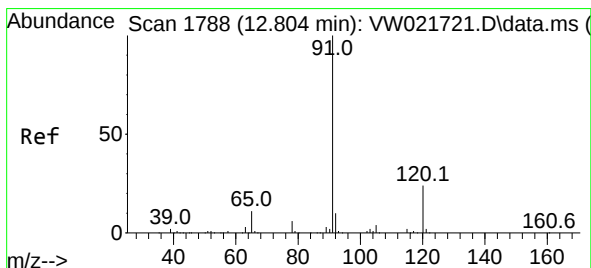
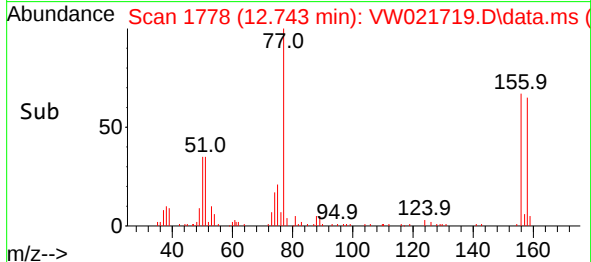
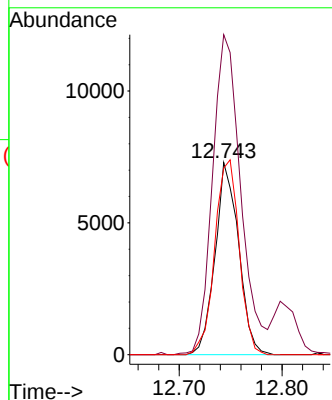
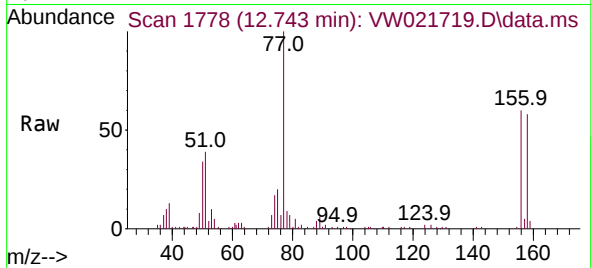




#77
Bromobenzene
Concen: 9.636 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

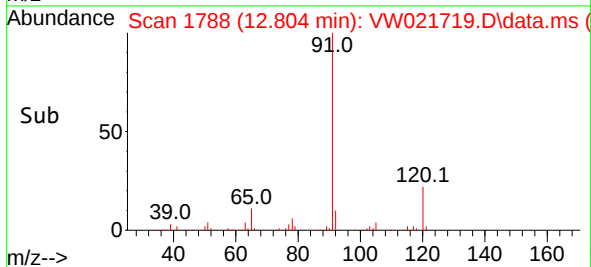
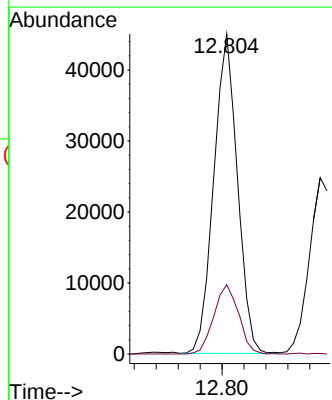
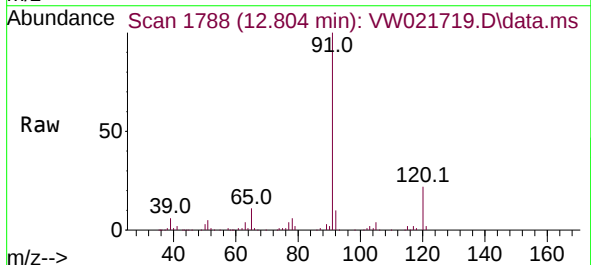
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

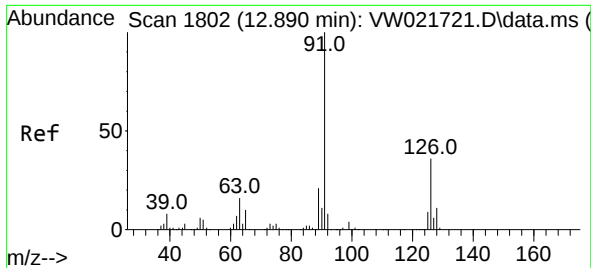
Tgt Ion:156 Resp: 11589
Ion Ratio Lower Upper
156 100
77 200.0 88.4 265.2
158 105.2 47.9 143.8



#78
n-propylbenzene
Concen: 11.385 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 91 Resp: 67326
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.7

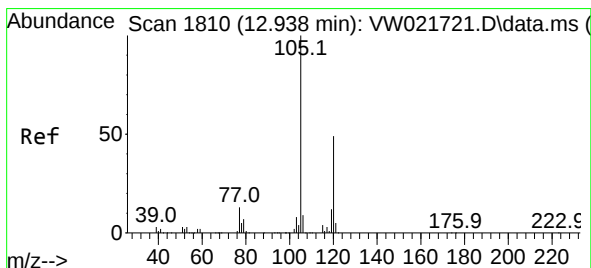
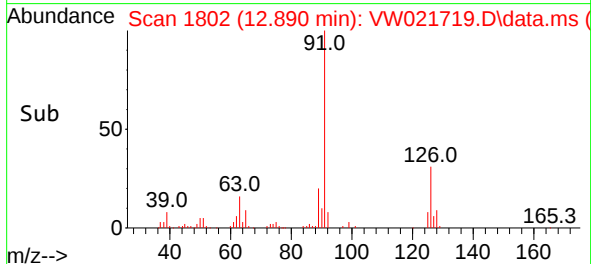
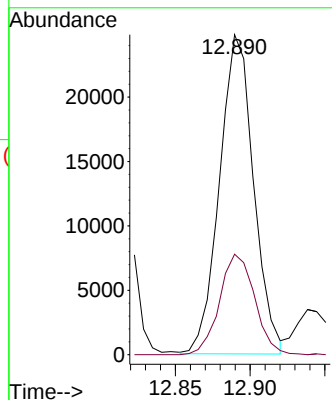
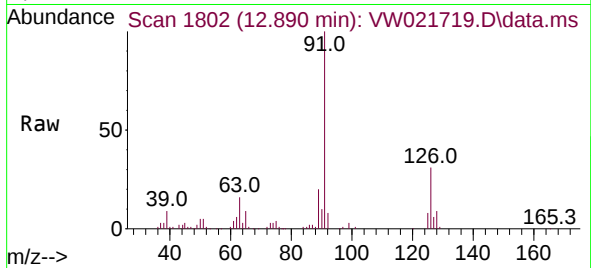




#79
2-Chlorotoluene
Concen: 11.525 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

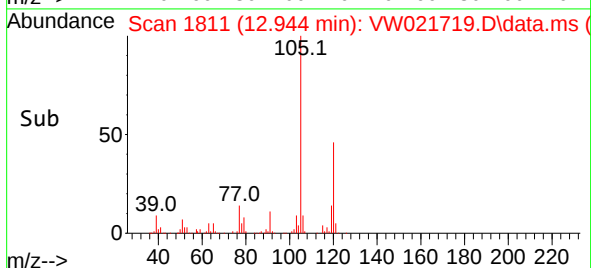
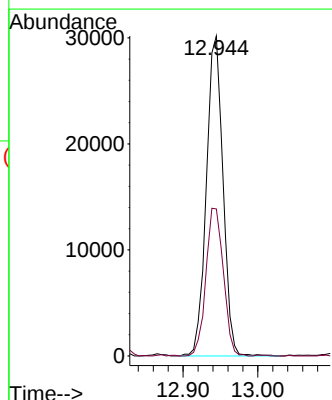
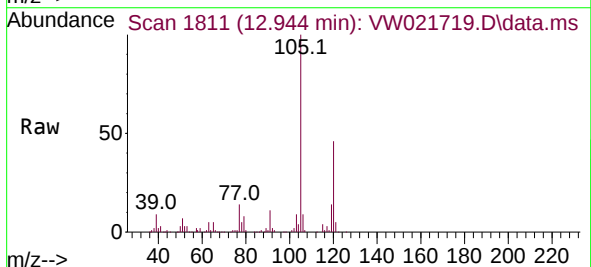
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

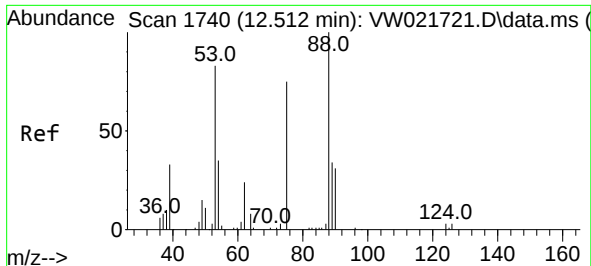
Tgt Ion: 91 Resp: 39293
Ion Ratio Lower Upper
91 100
126 32.4 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 10.864 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 105 Resp: 46634
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.7

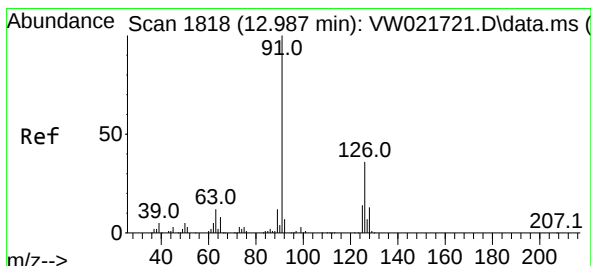
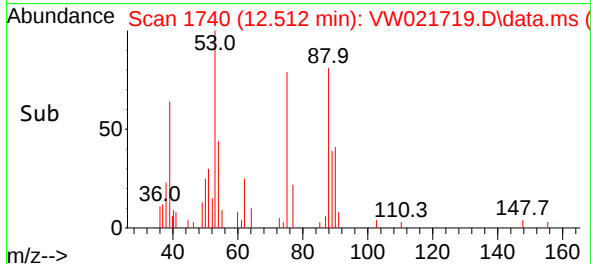
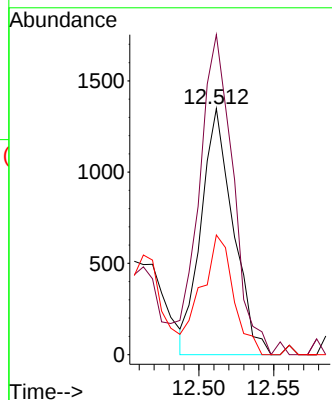
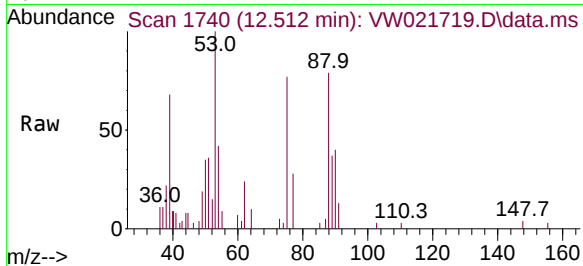




#81
trans-1,4-Dichloro-2-butene
Concen: 7.524 ug/l
RT: 12.512 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

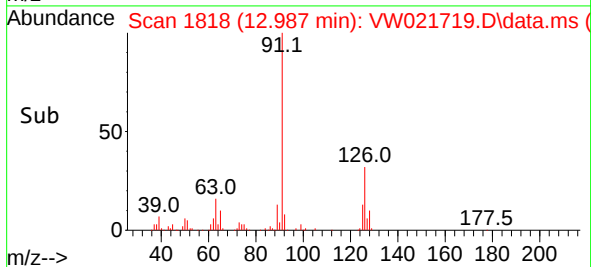
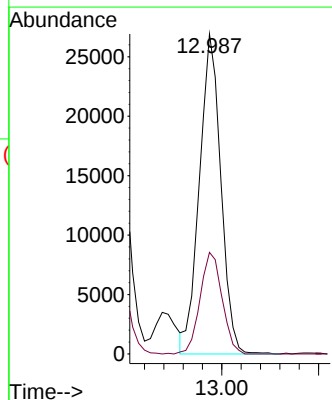
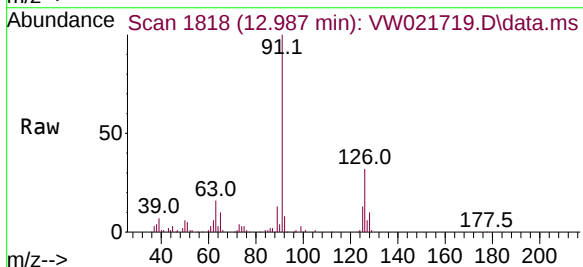
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

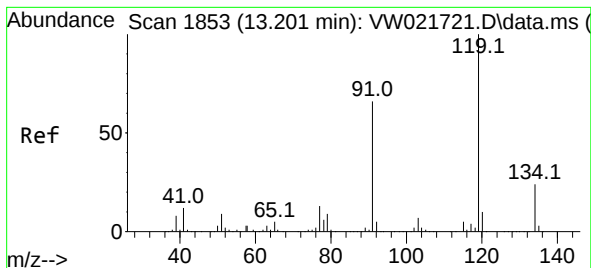
Tgt Ion: 75 Resp: 2009
Ion Ratio Lower Upper
75 100
53 139.3 86.2 129.4#
89 48.8 39.3 58.9



#82
4-Chlorotoluene
Concen: 11.453 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW021719.D
Acq: 03 Jan 2022 22:52

Tgt Ion: 91 Resp: 41470
Ion Ratio Lower Upper
91 100
126 32.6 17.2 51.5





#83

tert-Butylbenzene

Concen: 10.488 ug/l

RT: 13.201 min Scan# 119

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

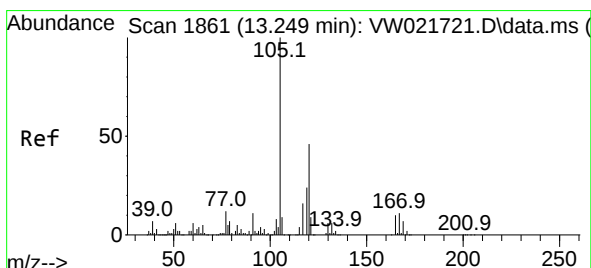
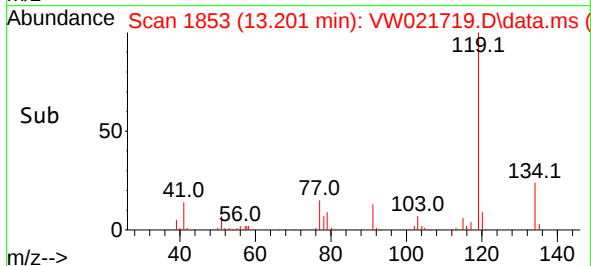
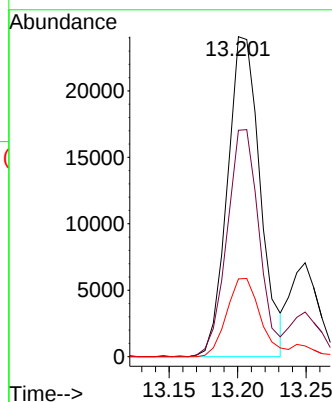
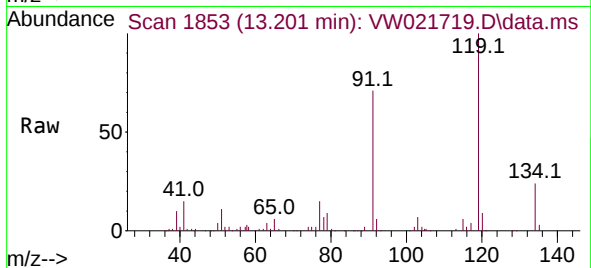
Tgt Ion:119 Resp: 40237

Ion Ratio Lower Upper

119 100

91 69.5 32.7 98.1

134 25.1 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 11.162 ug/l

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021719.D

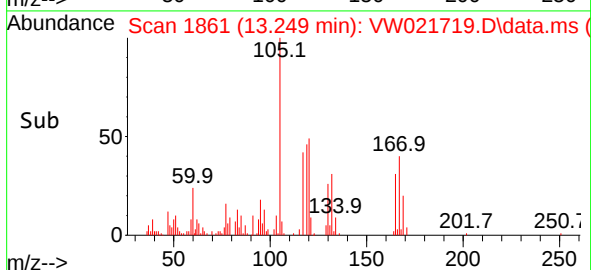
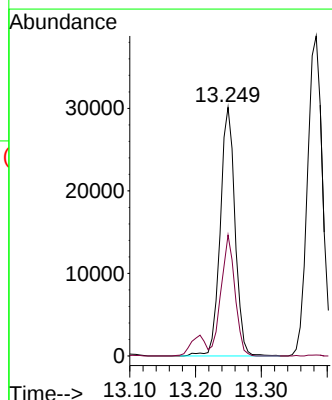
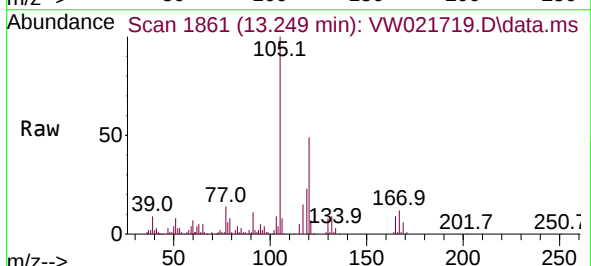
Acq: 03 Jan 2022 22:52

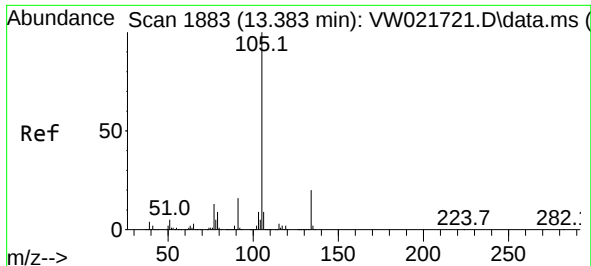
Tgt Ion:105 Resp: 47160

Ion Ratio Lower Upper

105 100

120 45.8 23.6 70.8

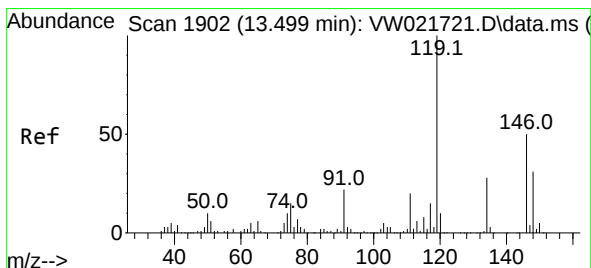
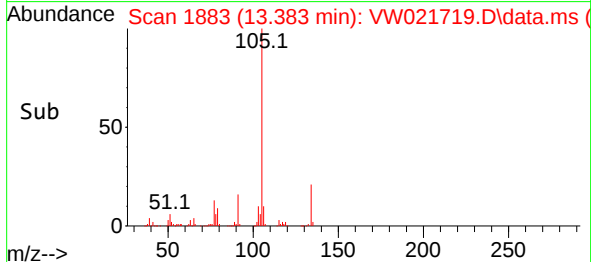
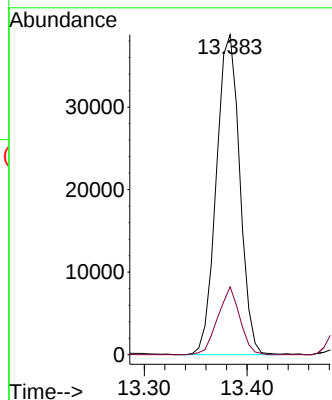
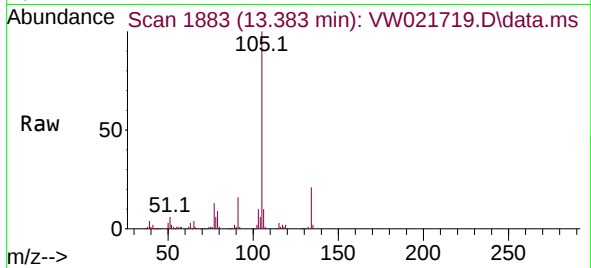




#85
 sec-Butylbenzene
 Concen: 11.096 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

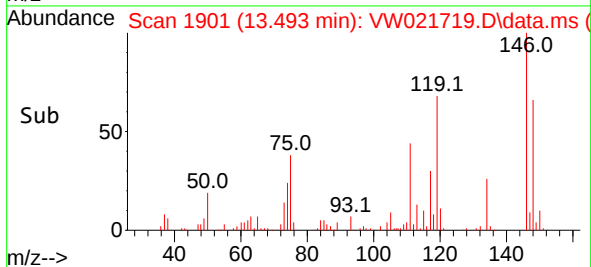
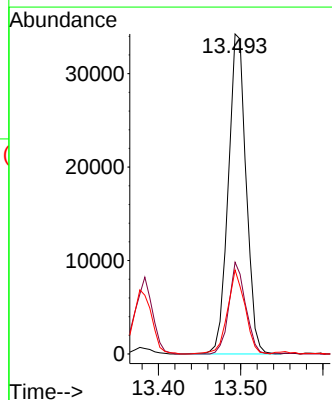
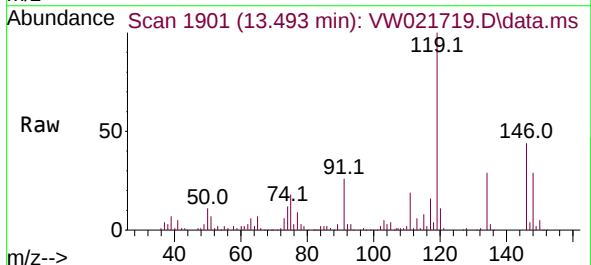
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

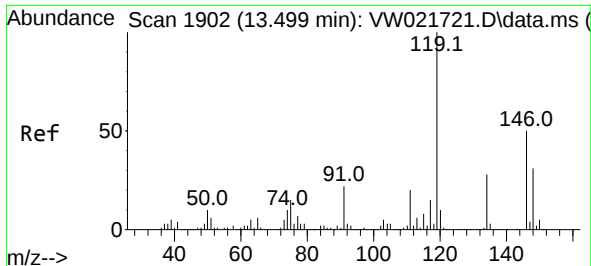
Tgt Ion:105 Resp: 61335
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 10.914 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW021719.D
 Acq: 03 Jan 2022 22:52

Tgt Ion:119 Resp: 51742
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.7 41.1
 91 25.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 10.295 ug/l

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

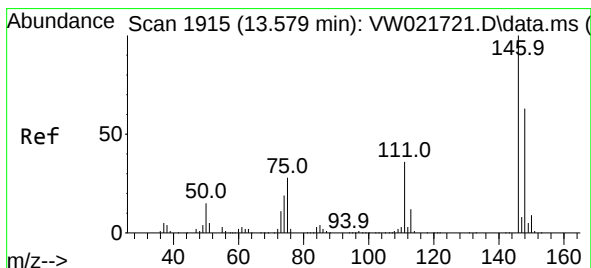
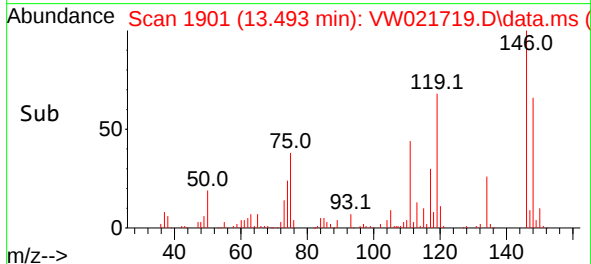
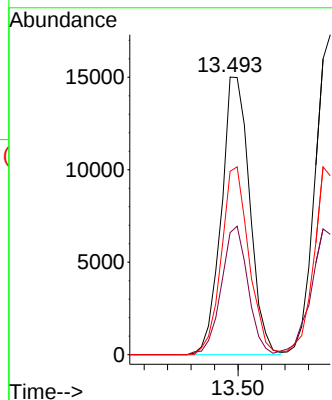
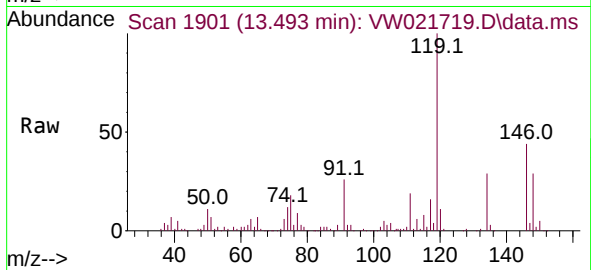
Tgt Ion:146 Resp: 25153

Ion Ratio Lower Upper

146 100

111 43.5 20.2 60.5

148 65.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 10.969 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

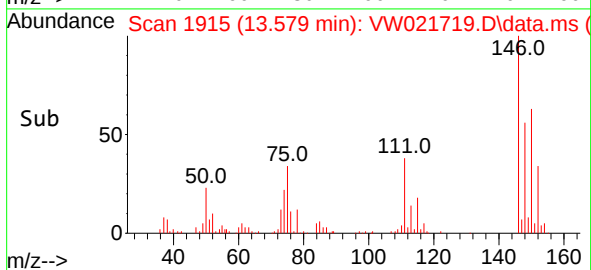
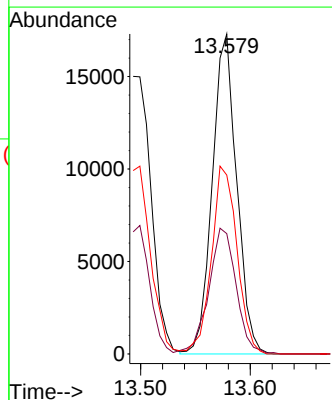
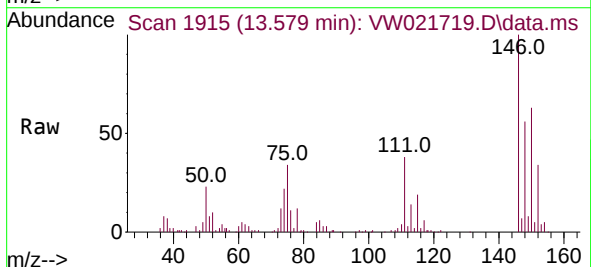
Tgt Ion:146 Resp: 26775

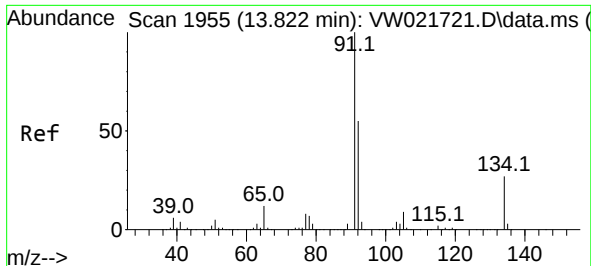
Ion Ratio Lower Upper

146 100

111 44.3 19.3 57.9

148 61.4 32.3 96.9





#89

n-Butylbenzene

Concen: 11.641 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

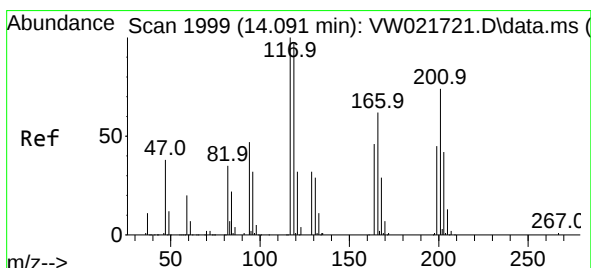
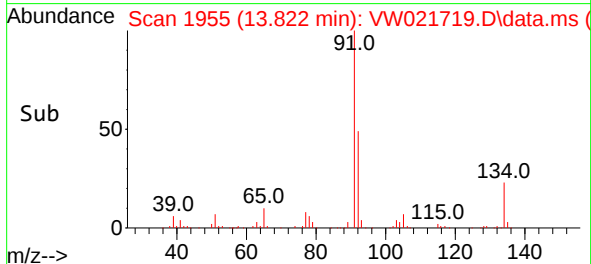
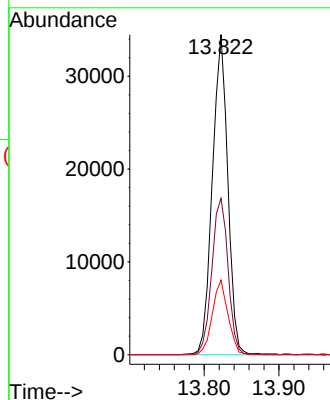
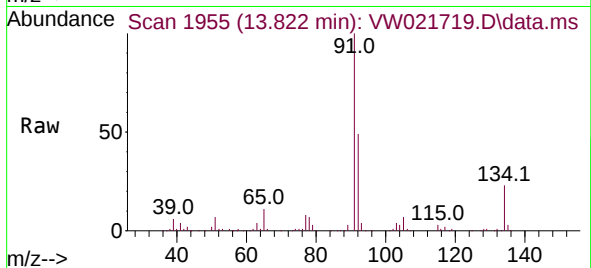
Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion:	91	Resp:	49484
Ion	Ratio	Lower	Upper
91	100		
92	51.5	27.1	81.2
134	23.6	13.3	39.9



#90

Hexachloroethane

Concen: 9.335 ug/l

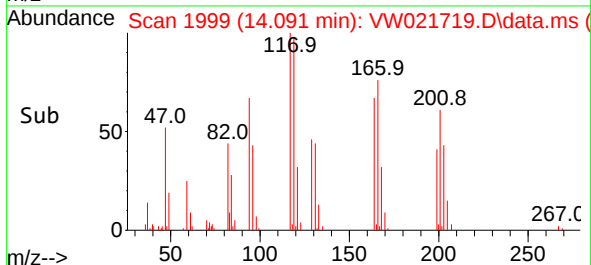
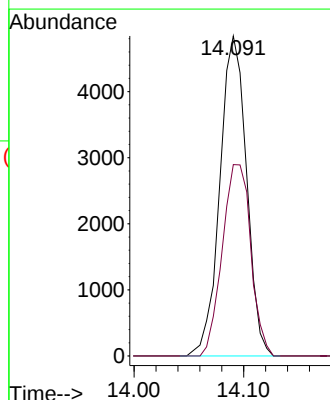
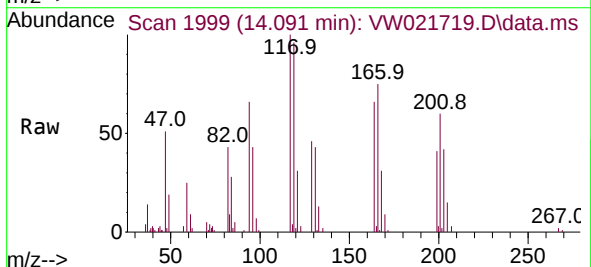
RT: 14.091 min Scan# 1999

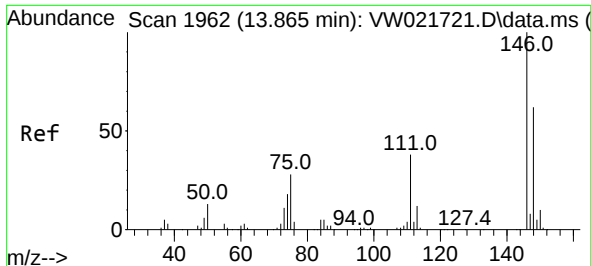
Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Tgt Ion:	117	Resp:	8168
Ion	Ratio	Lower	Upper
117	100		
201	63.9	35.7	107.1





#91

1,2-Dichlorobenzene

Concen: 10.175 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

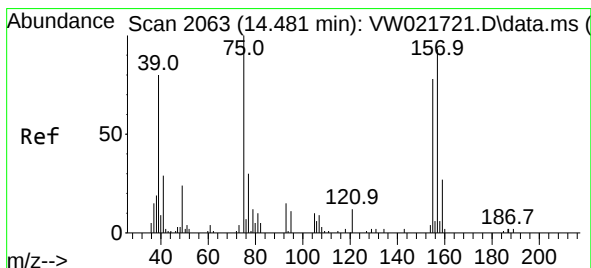
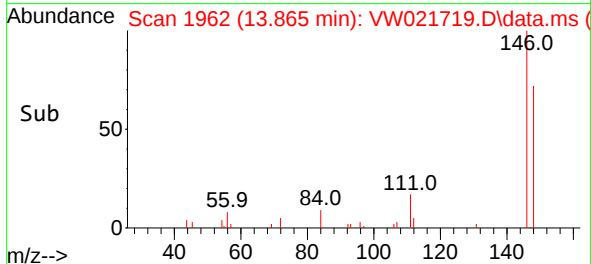
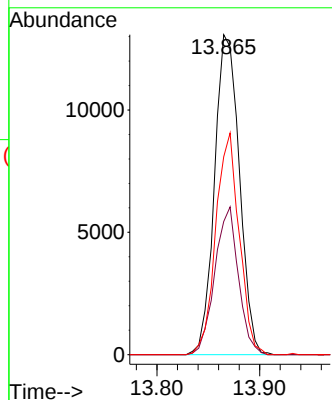
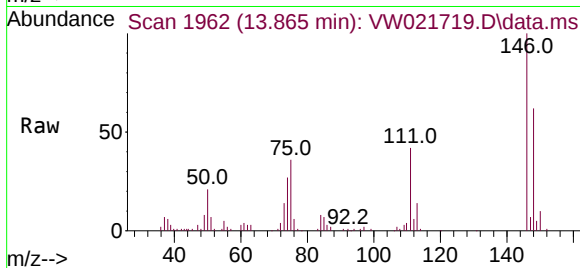
Tgt Ion:146 Resp: 21968

Ion Ratio Lower Upper

146 100

111 43.8 20.5 61.5

148 65.4 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.263 ug/l

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

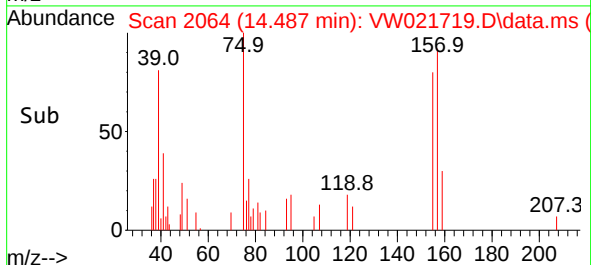
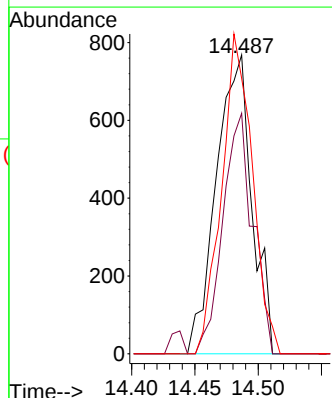
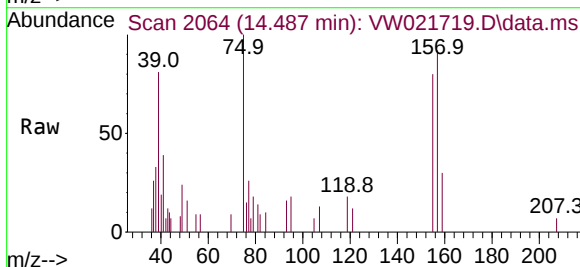
Tgt Ion: 75 Resp: 1504

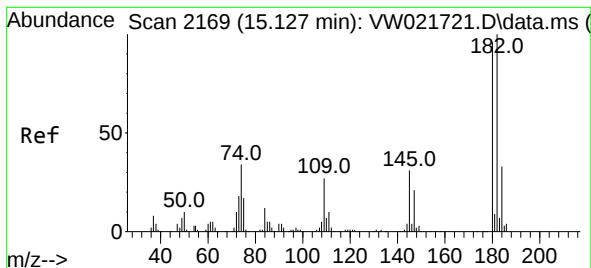
Ion Ratio Lower Upper

75 100

155 67.6 40.0 119.9

157 92.2 50.7 152.3





#93

1,2,4-Trichlorobenzene

Concen: 8.869 ug/l

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

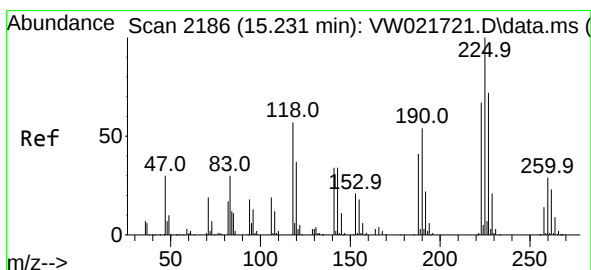
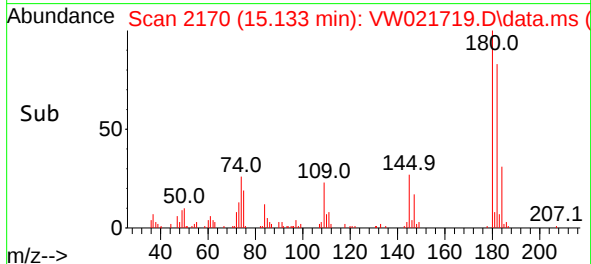
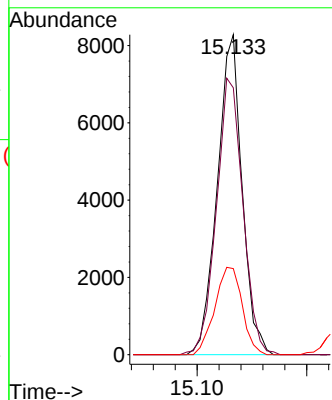
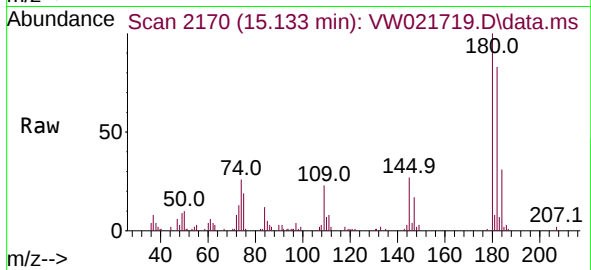
Tgt Ion:180 Resp: 13025

Ion Ratio Lower Upper

180 100

182 92.0 48.2 144.6

145 30.0 16.1 48.2



#94

Hexachlorobutadiene

Concen: 9.659 ug/l

RT: 15.237 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

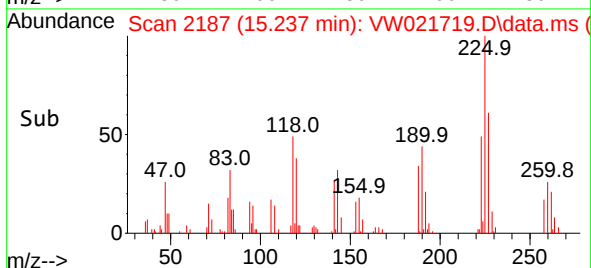
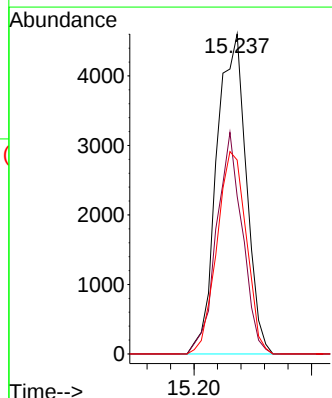
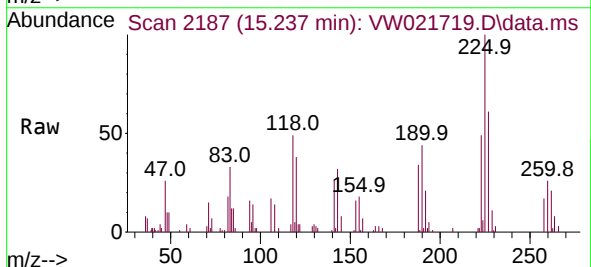
Tgt Ion:225 Resp: 8029

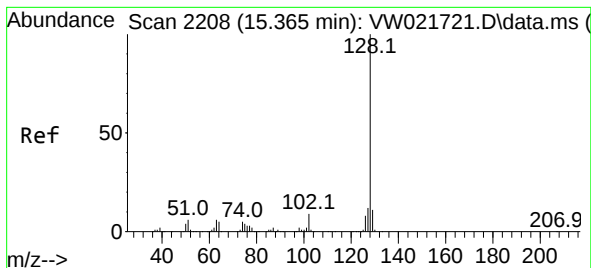
Ion Ratio Lower Upper

225 100

223 60.7 31.1 93.5

227 62.9 32.5 97.5





#95

Naphthalene

Concen: 8.343 ug/l

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

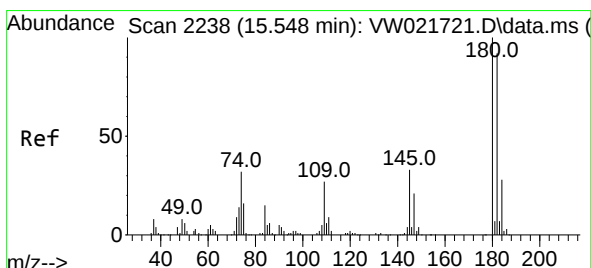
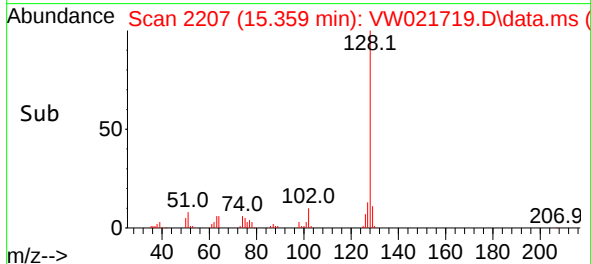
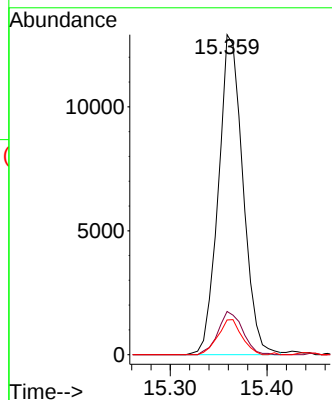
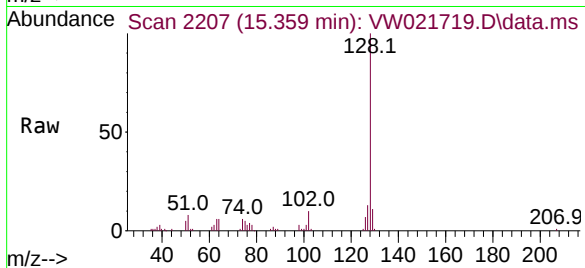
Tgt Ion:128 Resp: 22725

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 8.567 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW021719.D

Acq: 03 Jan 2022 22:52

Tgt Ion:180 Resp: 11062

Ion Ratio Lower Upper

180 100

182 98.6 46.8 140.4

145 35.0 16.2 48.6

