

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021713.D
 Acq On : 03 Jan 2022 10:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Jan 04 00:19:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 31 00:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	104148	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44294	21.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	30037	21.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
11) 1,1-Dichloroethene-d2	4.019	63	67579	22.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.960%
21) 2-Butanone-d5	7.171	46	141	0.469	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.940%#
24) Chloroform-d	7.647	84	76609	23.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.305	65	39554	23.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.275	84	141879	23.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.274	67	38837	23.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.323	98	144155	24.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.560%
43) trans-1,3-Dichloroprop...	10.579	79	18081	22.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.920	63	12027	48.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33483	24.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	55241	23.427	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13210	21.391	ug/L	97
3) Chloromethane	2.215	50	31352	19.656	ug/L	98
5) Vinyl chloride	2.361	62	51159	21.746	ug/L	98
6) Bromomethane	2.776	94	30935	20.209	ug/L	99
8) Chloroethane	2.922	64	22736	20.281	ug/L	96
9) Trichlorofluoromethane	3.257	101	38819	27.425	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	38186	22.151	ug/L	89
12) 1,1-Dichloroethene	4.038	96	34800	22.571	ug/L	82
13) Acetone	4.129	43	11644	45.648	ug/L	95
14) Carbon disulfide	4.385	76	101895	22.838	ug/L	100
15) Methyl Acetate	4.672	43	10797	22.184	ug/L	# 88
16) Methylene chloride	4.909	84	34662	18.643	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	36873	22.639	ug/L	81
18) Methyl tert-butyl Ether	5.421	73	48710	21.477	ug/L	93
19) 1,1-Dichloroethane	6.214	63	57586	22.662	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37754	22.330	ug/L	68
22) 2-Butanone	7.171	43	15299	44.118	ug/L	85
23) Bromochloromethane	7.513	128	17861	21.855	ug/L	# 64
25) Chloroform	7.677	83	66422	22.660	ug/L	99

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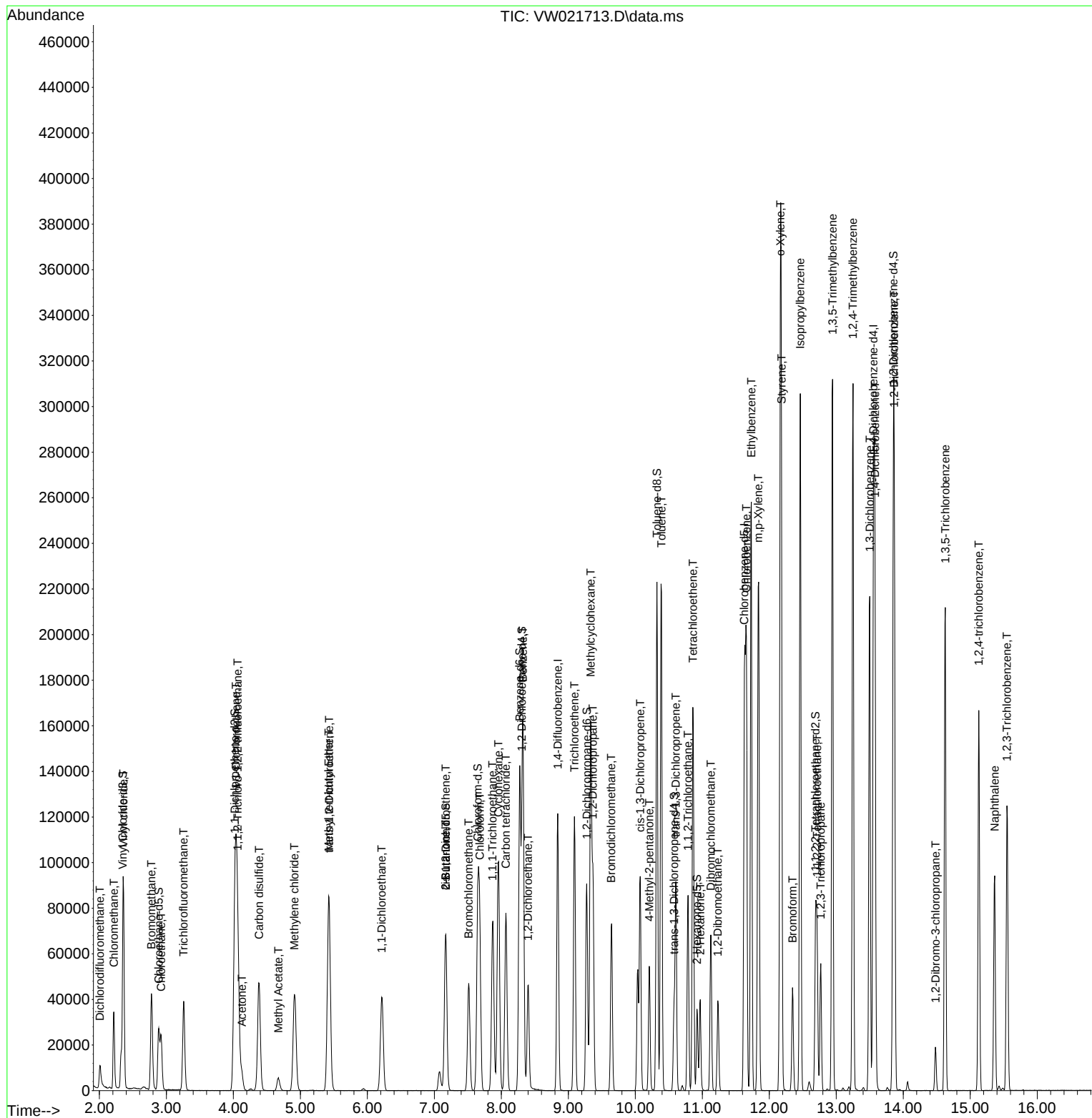
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	42082	22.134	ug/L	98
29) Cyclohexane	7.958	56	52317	22.409	ug/L #	81
30) 1,1,1-Trichloroethane	7.866	97	60207	22.603	ug/L	95
31) Carbon tetrachloride	8.067	117	57817	22.321	ug/L	99
33) Benzene	8.323	78	140481	22.806	ug/L	100
34) Trichloroethene	9.092	95	39606	22.650	ug/L	87
35) Methylcyclohexane	9.335	83	66426	23.024	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	31525	23.093	ug/L #	95
38) Bromodichloromethane	9.640	83	47581	22.835	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	51809	23.228	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	32448	43.148	ug/L #	92
42) Toluene	10.390	91	162105	22.797	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	46179	23.043	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	25584	22.563	ug/L	94
46) Tetrachloroethene	10.860	164	39251	23.969	ug/L	95
48) 2-Hexanone	10.969	43	24071	47.133	ug/L #	93
49) Dibromochloromethane	11.128	129	35910	23.571	ug/L	97
50) 1,2-Dibromoethane	11.231	107	26006	22.836	ug/L #	96
51) Chlorobenzene	11.658	112	105650	23.028	ug/L	90
52) Ethylbenzene	11.731	91	180526	22.617	ug/L	96
53) m,p-Xylene	11.835	106	71782	22.444	ug/L	86
54) o-Xylene	12.164	106	69712	22.998	ug/L	87
55) Styrene	12.182	104	118789	22.818	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	29387	23.429	ug/L #	99
59) Bromoform	12.347	173	20622	22.916	ug/L	97
60) Isopropylbenzene	12.463	105	193510	22.513	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	20888	22.138	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	165258	22.741	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	164387	22.774	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	92173	22.712	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	91232	22.545	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	81766	23.077	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4418	21.264	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	67740	22.722	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	53927	22.662	ug/L	95
71) Naphthalene	15.365	128	81616	21.080	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	44288	22.109	ug/L	97

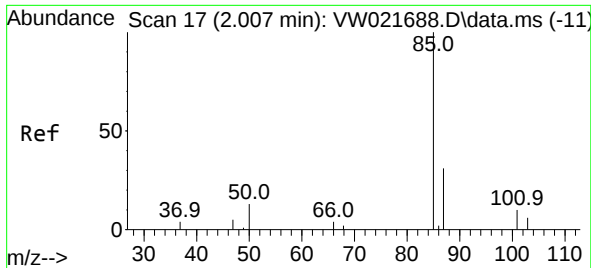
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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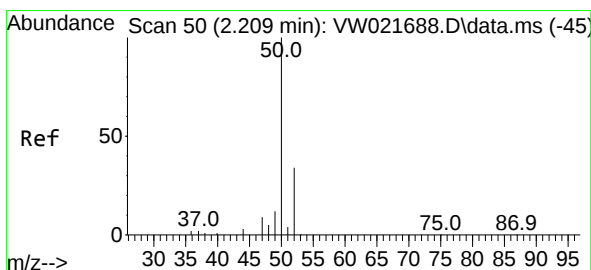
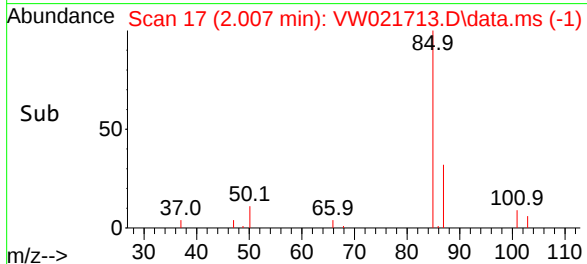
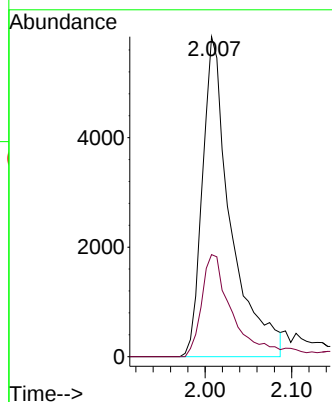
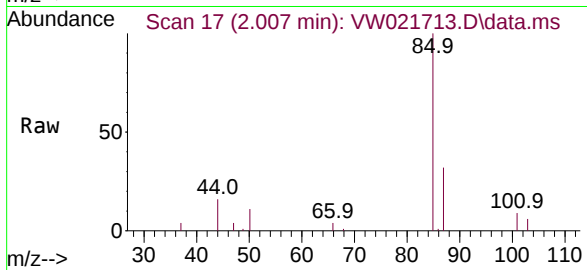




#2
 Dichlorodifluoromethane
 Concen: 21.391 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

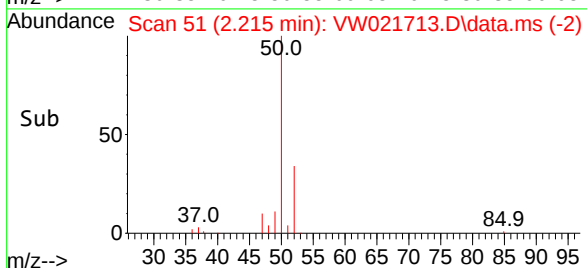
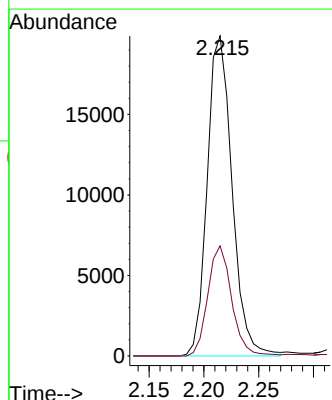
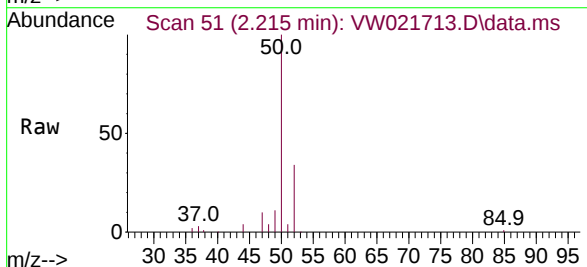
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 MSVOA_W
 ClientSampleId :
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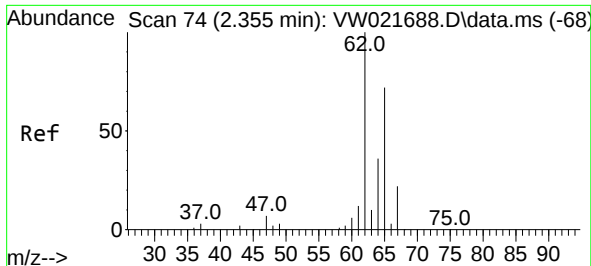
Tgt Ion: 85 Resp: 13210
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.8 38.6



#3
 Chloromethane
 Concen: 19.656 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

Tgt Ion: 50 Resp: 31352
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.4 43.6

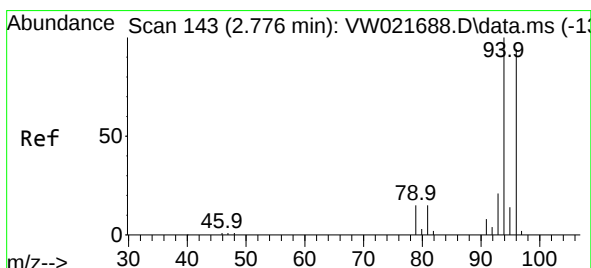
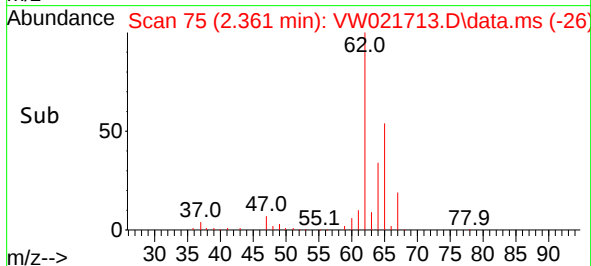
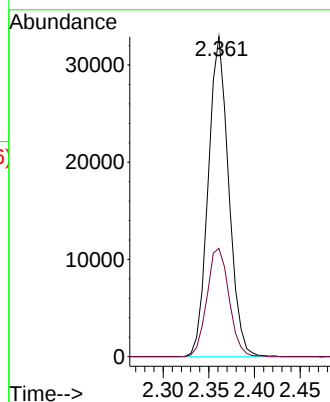
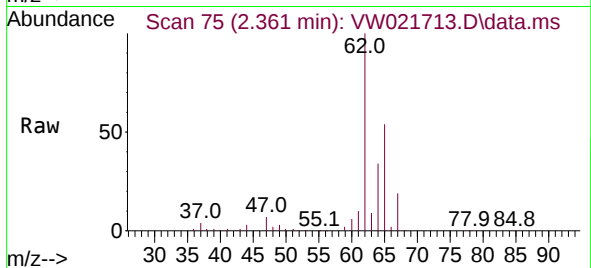




#5
 Vinyl chloride
 Concen: 21.746 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

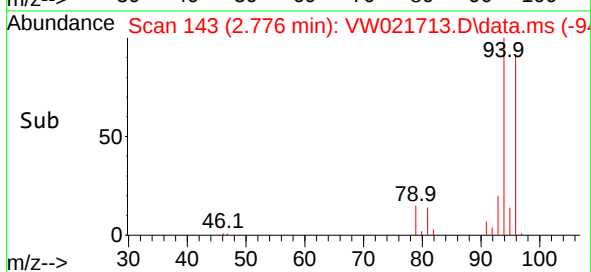
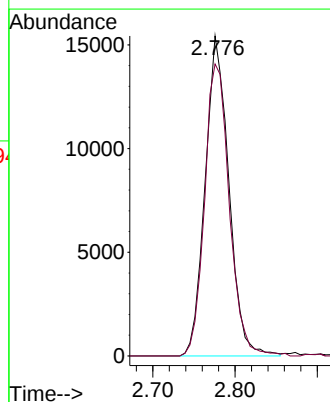
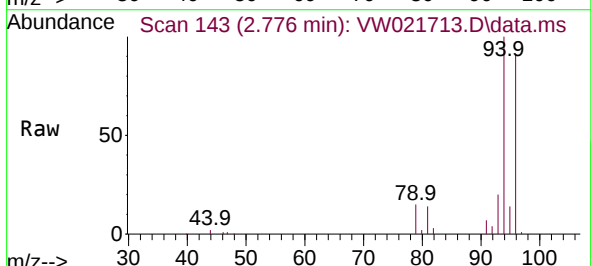
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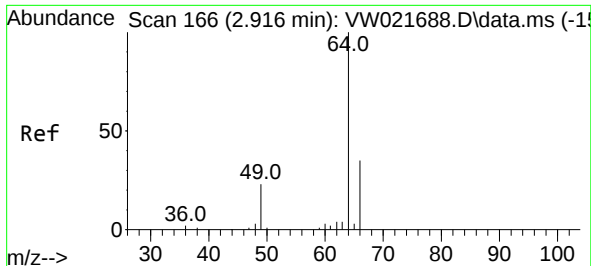
Tgt Ion: 62 Resp: 51159
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.4 45.2



#6
 Bromomethane
 Concen: 20.209 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

Tgt Ion: 94 Resp: 30935
 Ion Ratio Lower Upper
 94 100
 96 91.2 64.8 120.4

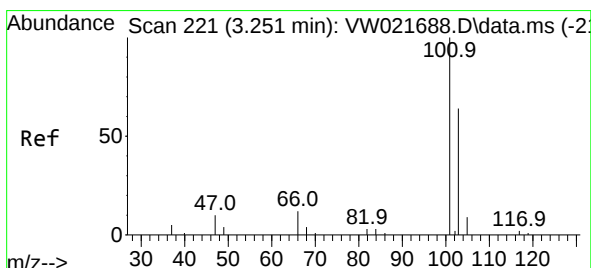
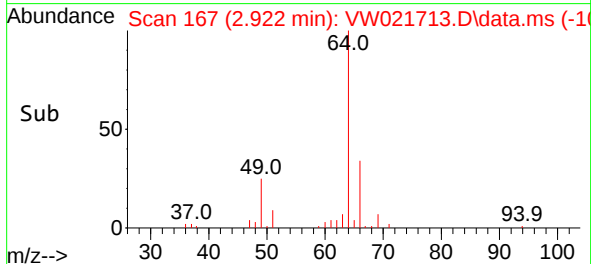
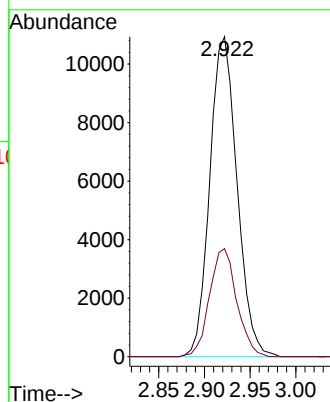
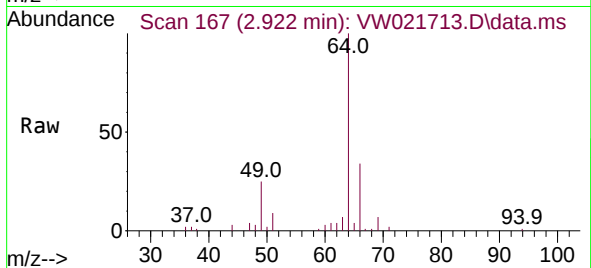




#8
Chloroethane
Concen: 20.281 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

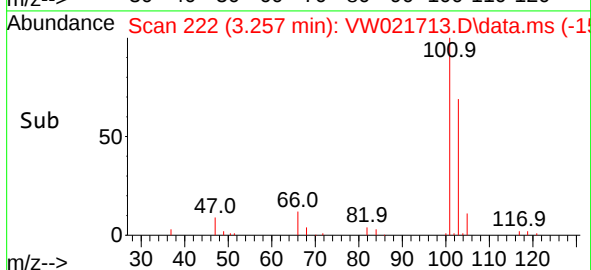
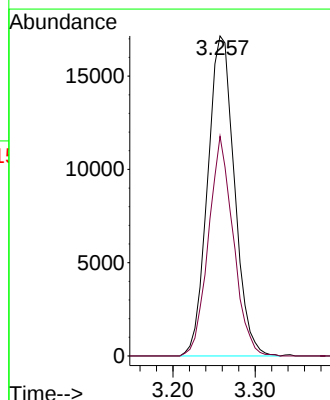
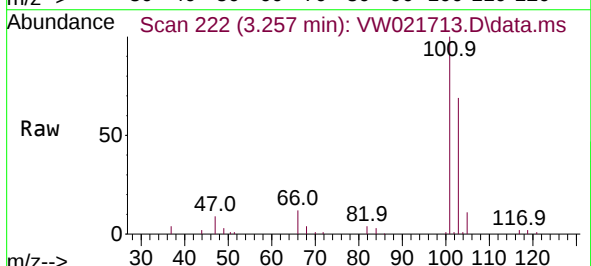
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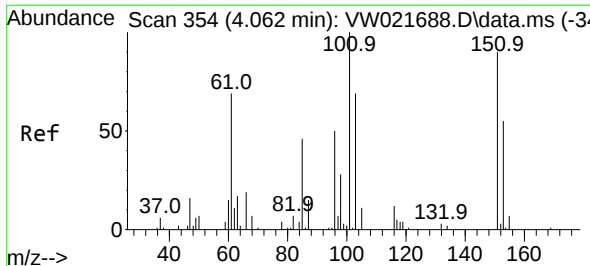
Tgt Ion: 64 Resp: 22736
Ion Ratio Lower Upper
64 100
66 33.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.425 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 101 Resp: 38819
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

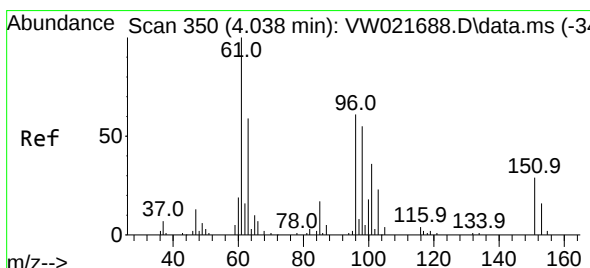
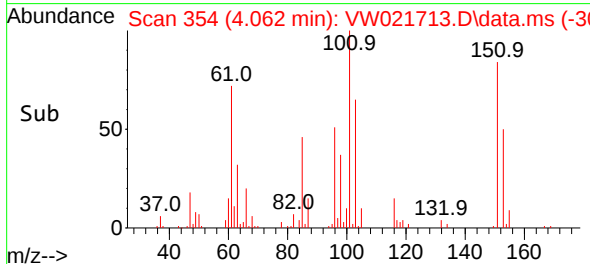
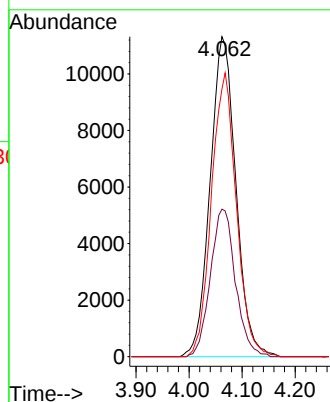
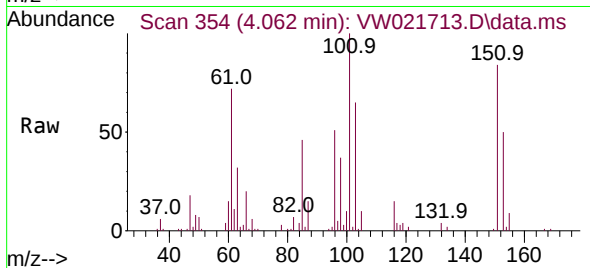




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.151 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

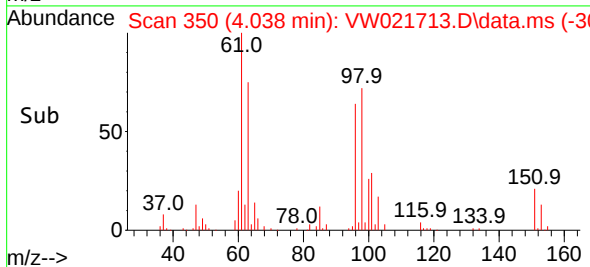
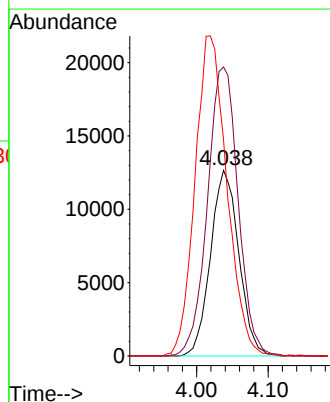
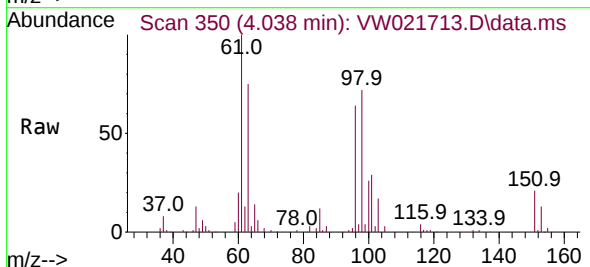
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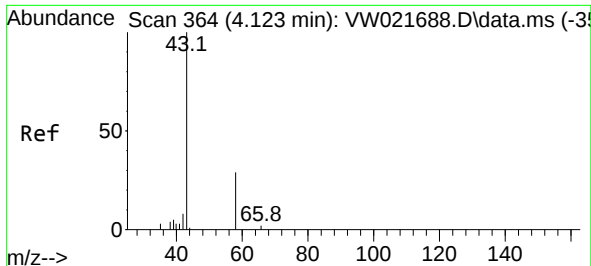
Tgt Ion:101 Resp: 38186
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.6 54.8
 151 85.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.571 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

Tgt Ion: 96 Resp: 34800
 Ion Ratio Lower Upper
 96 100
 61 155.6 138.3 256.9
 63 116.3 82.6 153.4





#13

Acetone

Concen: 45.648 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

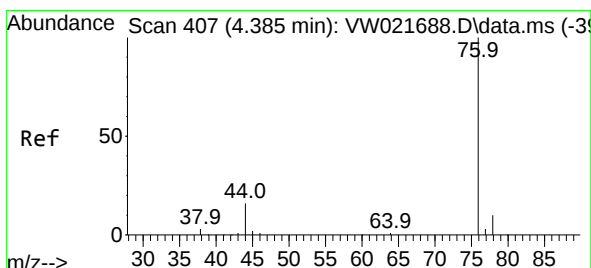
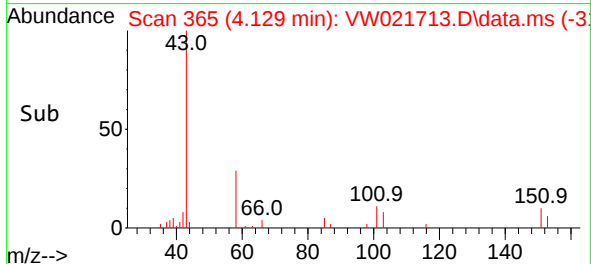
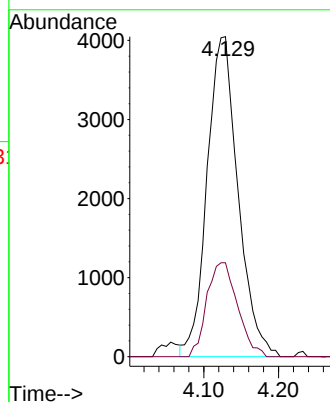
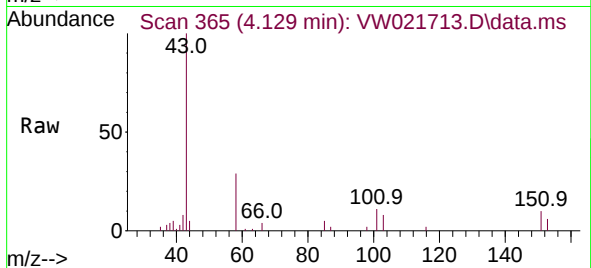
VSTD025539

Tgt Ion: 43 Resp: 11644

Ion Ratio Lower Upper

43 100

58 29.1 0.0 52.8



#14

Carbon disulfide

Concen: 22.838 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021713.D

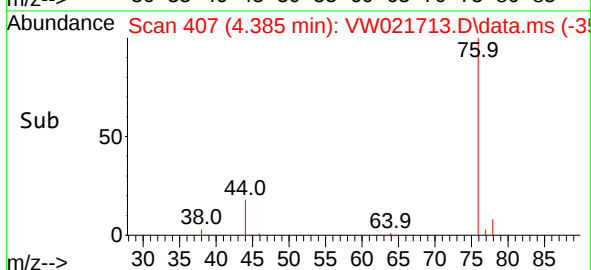
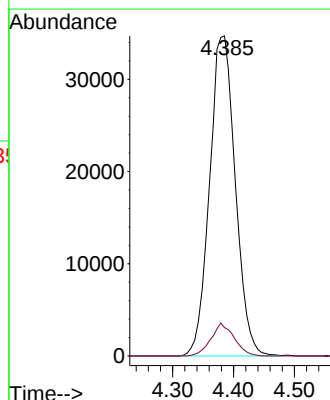
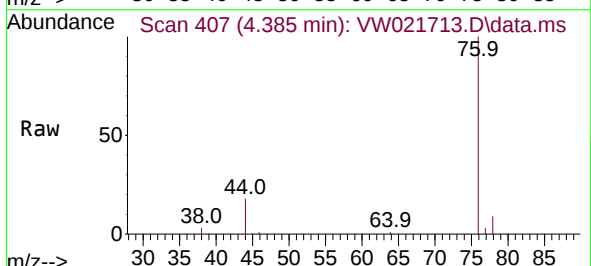
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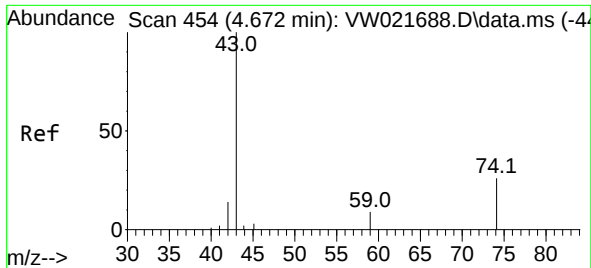
Tgt Ion: 76 Resp: 101895

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

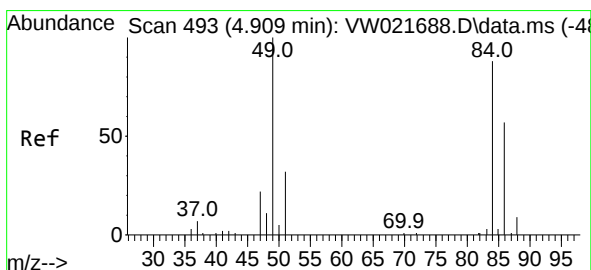
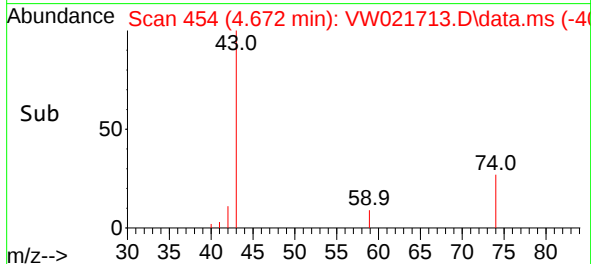
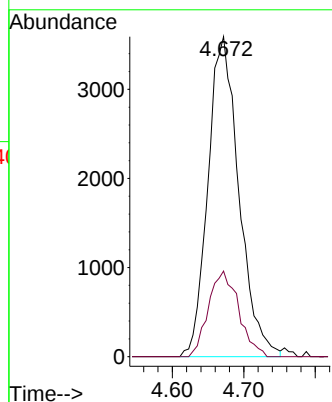
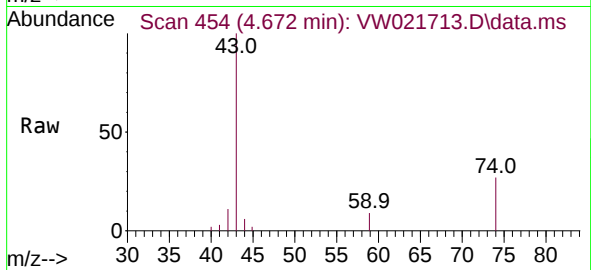




#15
Methyl Acetate
Concen: 22.184 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

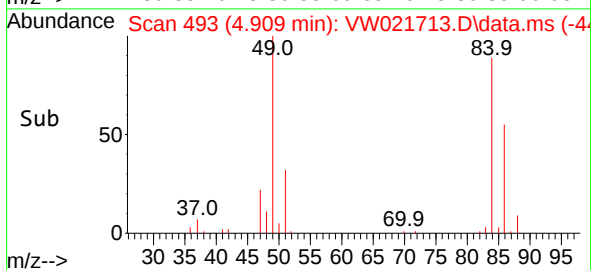
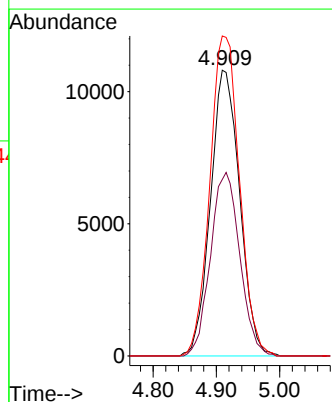
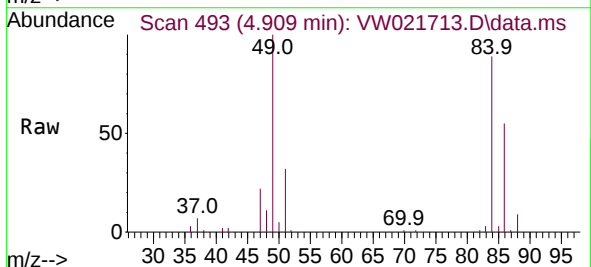
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

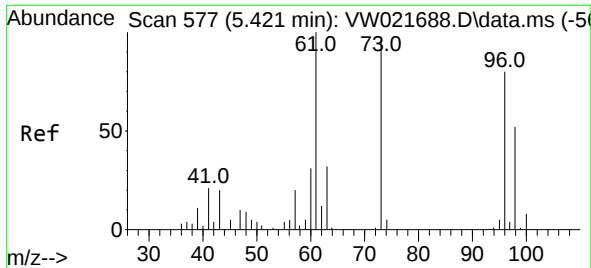
Tgt Ion: 43 Resp: 10797
Ion Ratio Lower Upper
43 100
74 26.1 16.4 24.6#



#16
Methylene chloride
Concen: 18.643 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 84 Resp: 34662
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 112.0 100.5 186.7

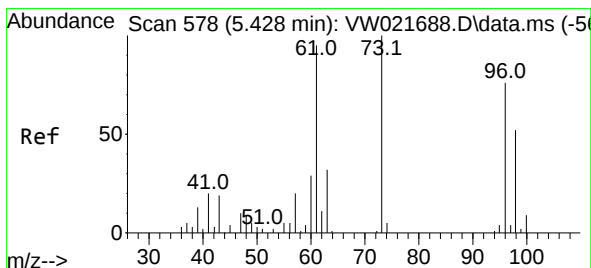
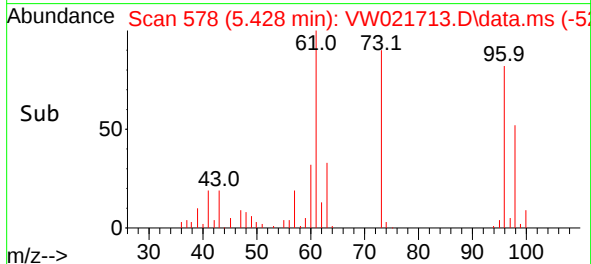
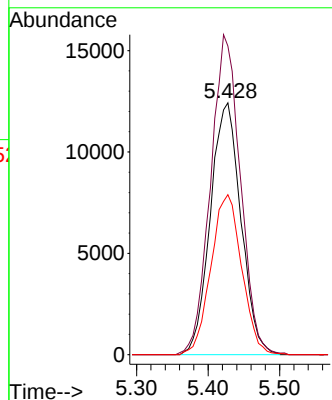
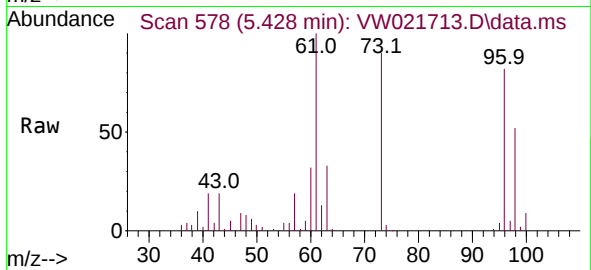




#17
trans-1,2-Dichloroethene
Concen: 22.639 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

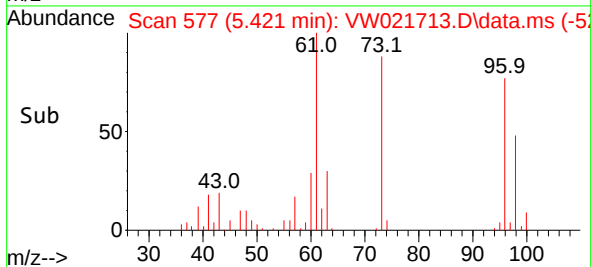
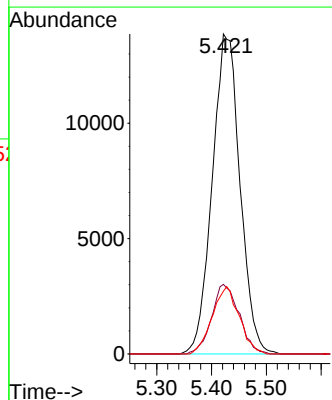
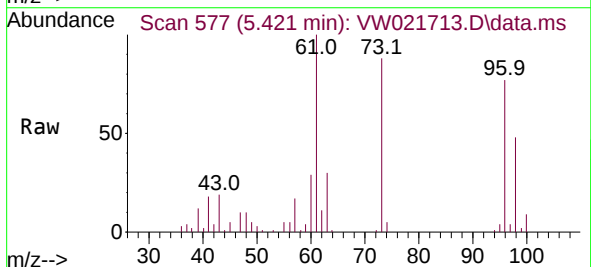
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

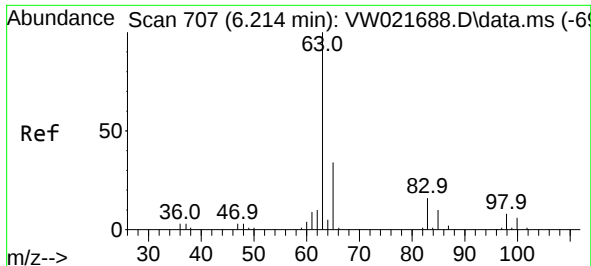
Tgt Ion: 96 Resp: 36873
Ion Ratio Lower Upper
96 100
61 122.5 107.4 199.4
98 63.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 21.477 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 73 Resp: 48710
Ion Ratio Lower Upper
73 100
43 21.6 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.662 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

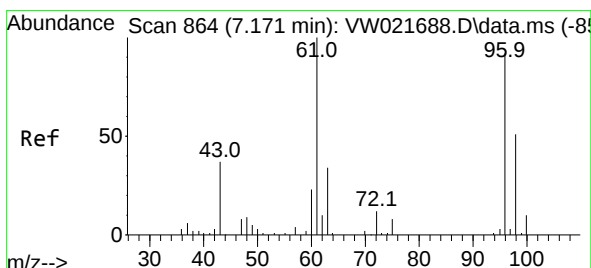
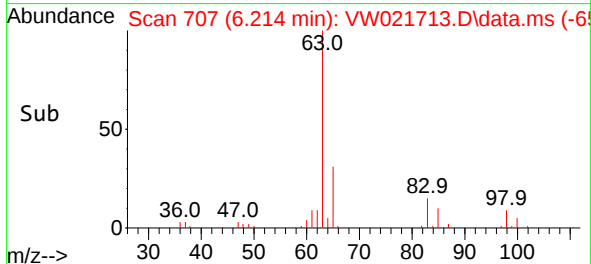
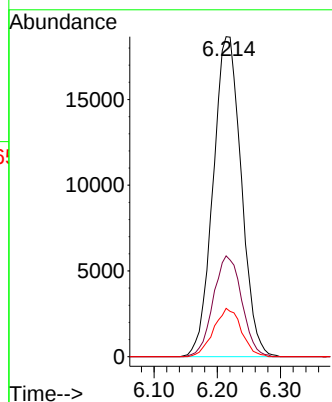
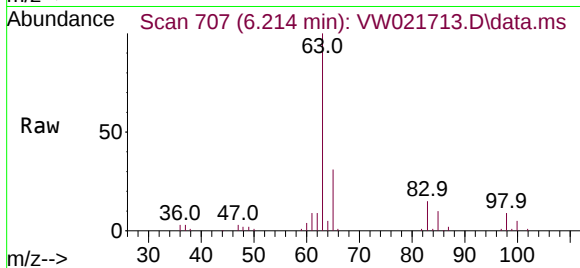
Tgt Ion: 63 Resp: 57586

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 15.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.330 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

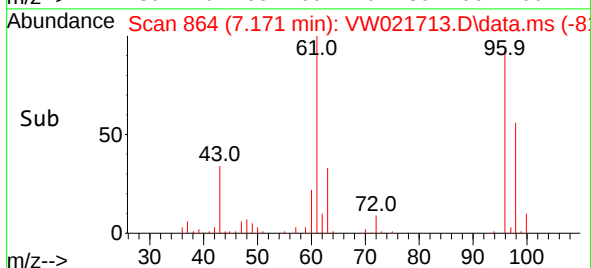
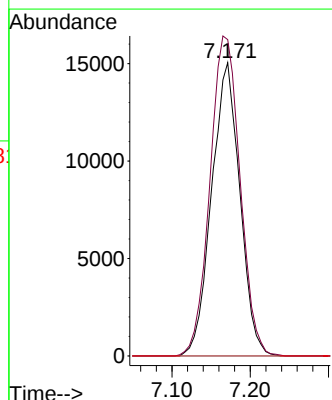
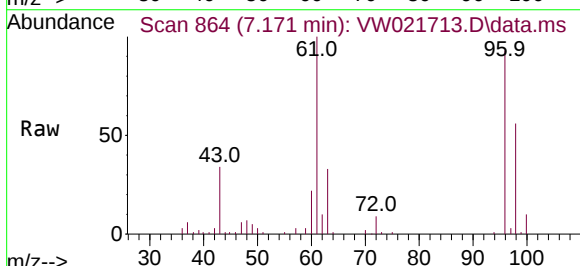
Tgt Ion: 96 Resp: 37754

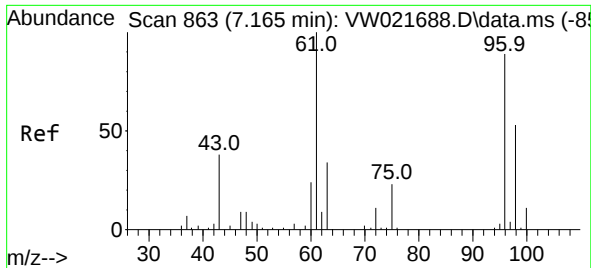
Ion Ratio Lower Upper

96 100

61 107.8 103.7 192.7

68 0.0 0.0 0.0

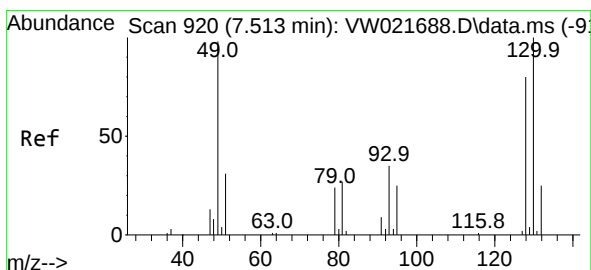
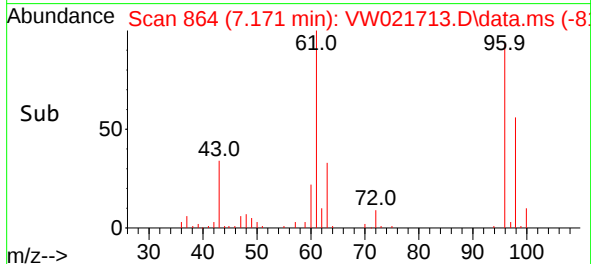
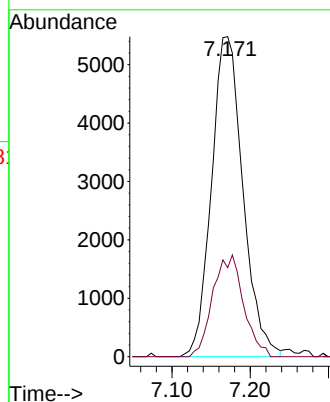
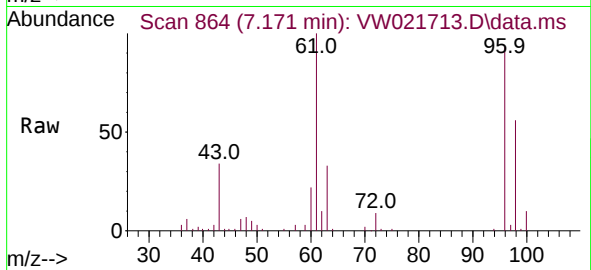




#22
2-Butanone
Concen: 44.118 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

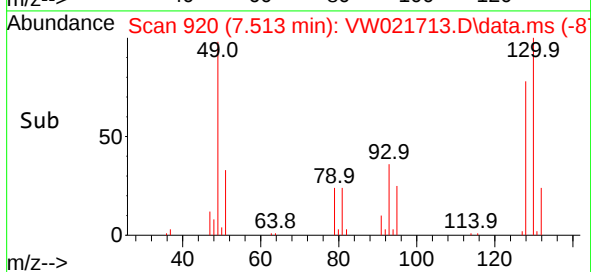
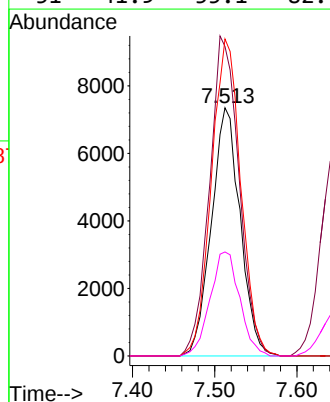
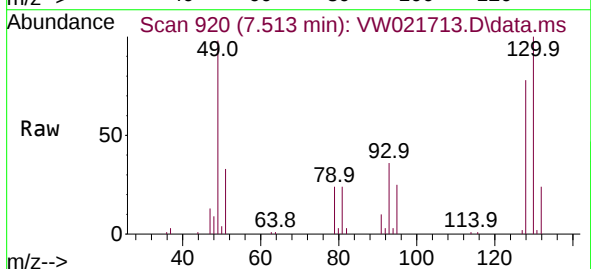
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

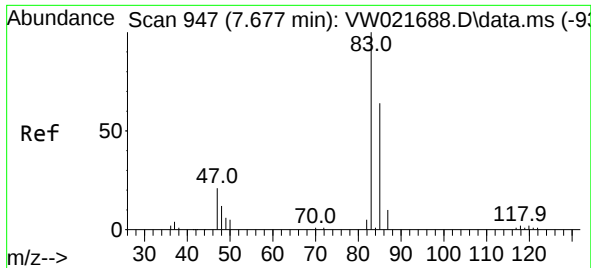
Tgt Ion: 43 Resp: 15299
Ion Ratio Lower Upper
43 100
72 31.0 11.8 35.4



#23
Bromochloromethane
Concen: 21.855 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 128 Resp: 17861
Ion Ratio Lower Upper
128 100
49 124.7 150.3 279.1#
130 127.7 88.3 163.9
51 41.9 55.1 82.7#

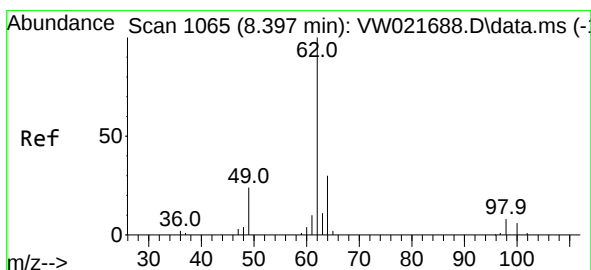
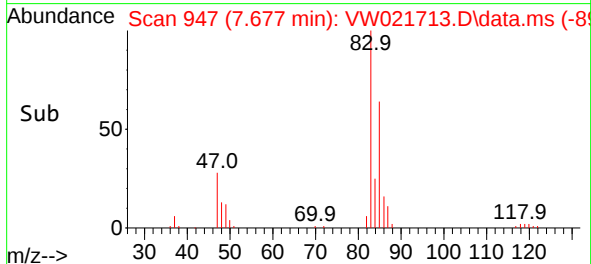
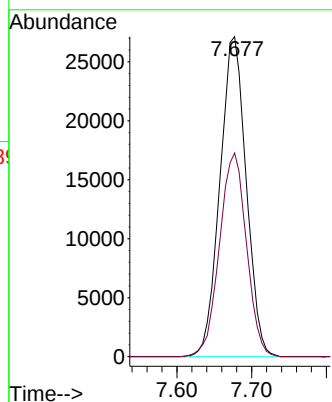
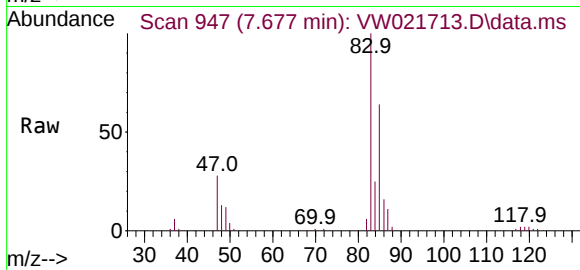




#25
Chloroform
Concen: 22.660 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

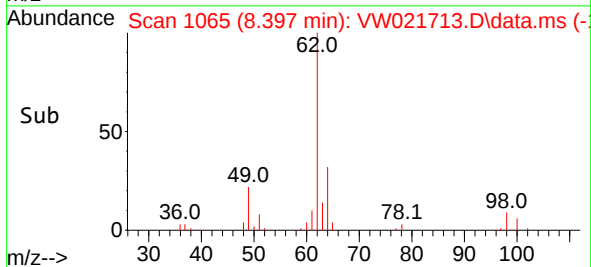
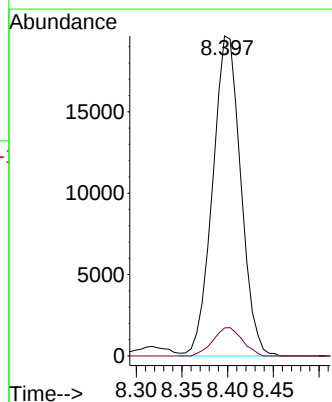
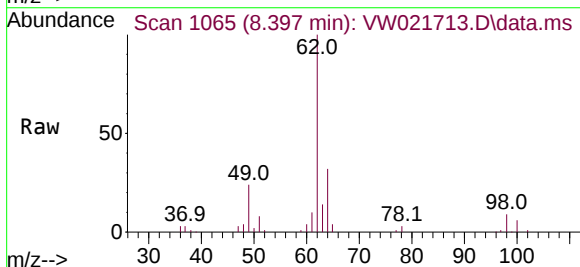
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

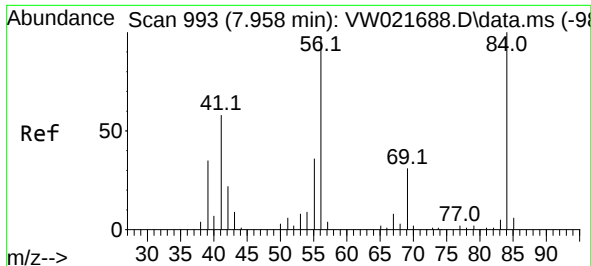
Tgt Ion: 83 Resp: 66422
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.134 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 62 Resp: 42082
Ion Ratio Lower Upper
62 100
98 8.7 6.5 9.7

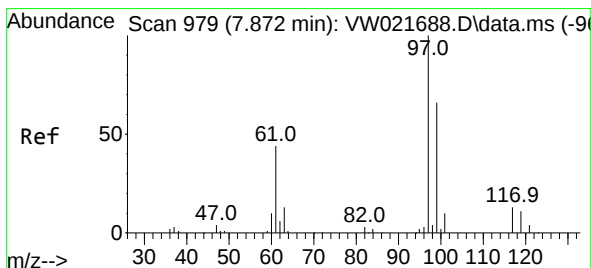
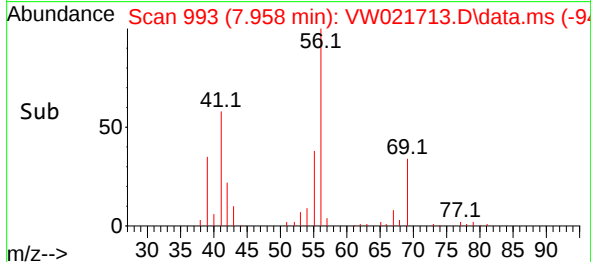
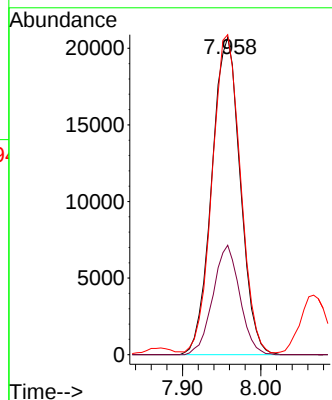
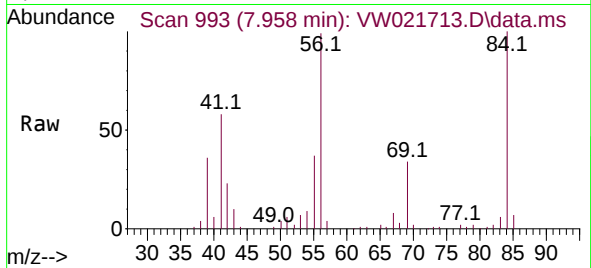




#29
Cyclohexane
Concen: 22.409 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

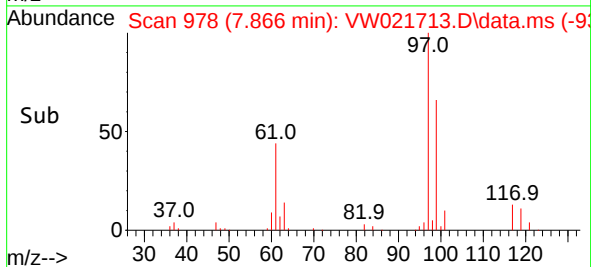
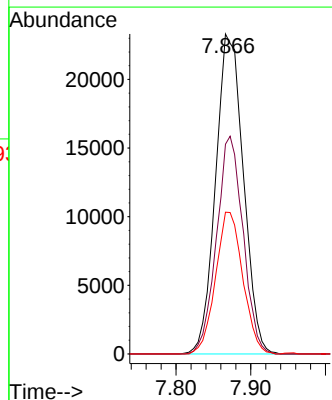
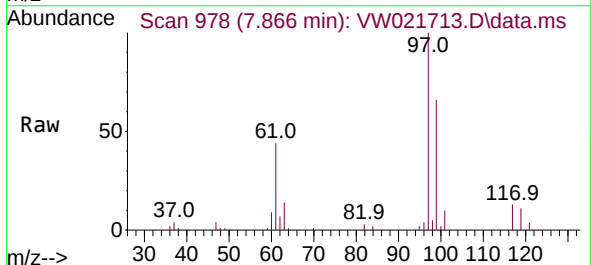
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

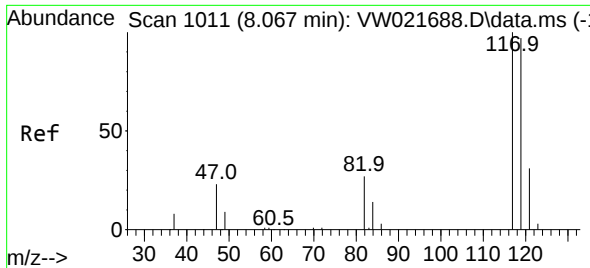
Tgt Ion: 56 Resp: 52317
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 100.5 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 22.603 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 97 Resp: 60207
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 43.4 40.9 61.3

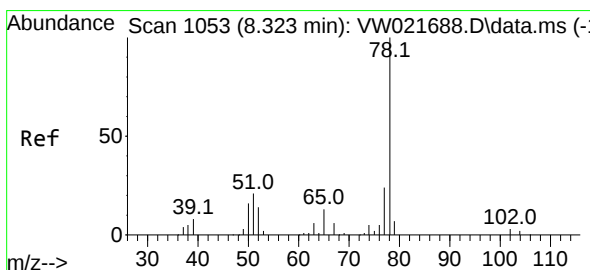
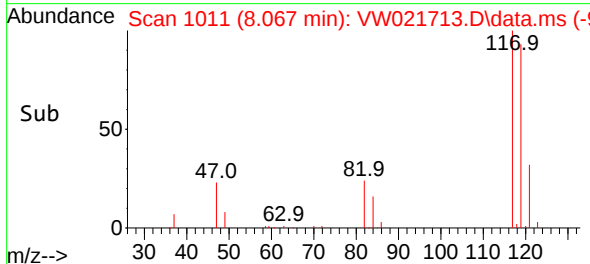
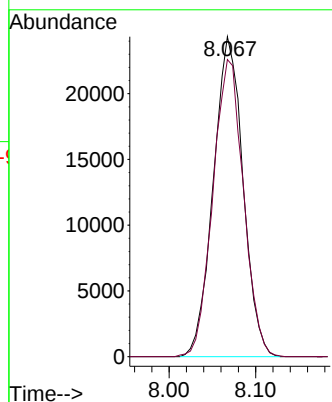
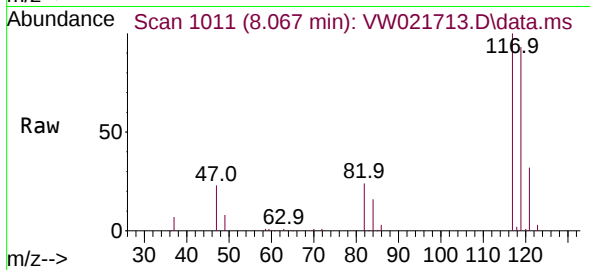




#31
Carbon tetrachloride
Concen: 22.321 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

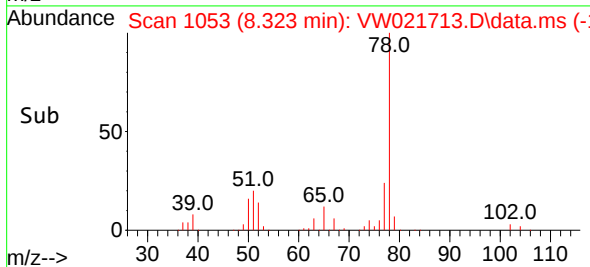
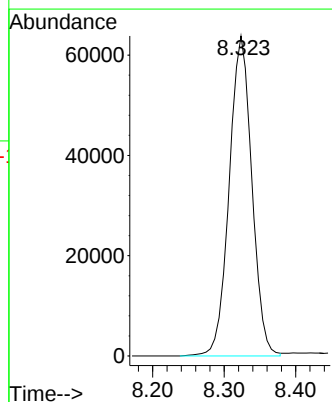
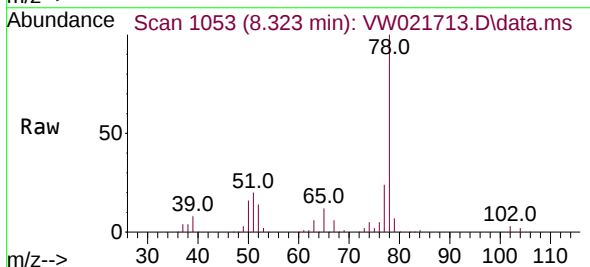
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

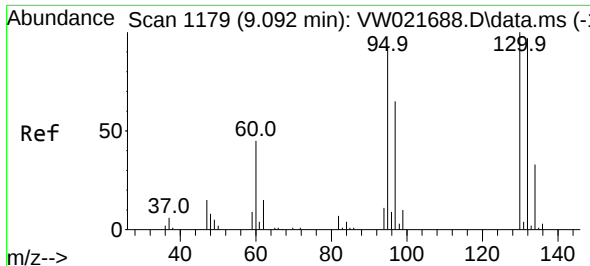
Tgt Ion:117 Resp: 57817
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5



#33
Benzene
Concen: 22.806 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 78 Resp: 140481

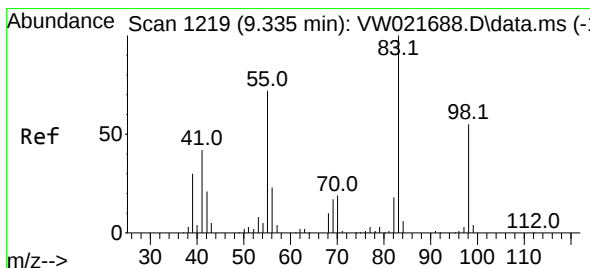
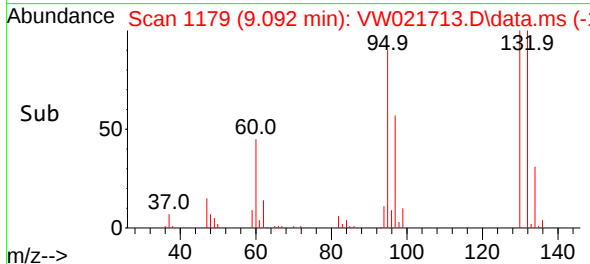
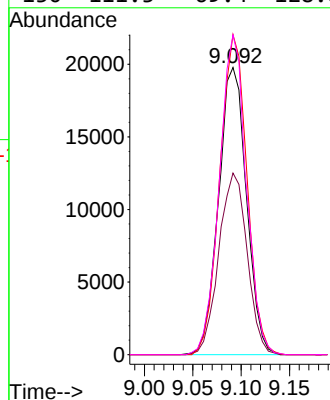
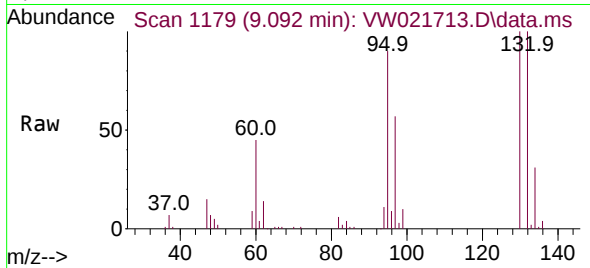




#34
Trichloroethene
Concen: 22.650 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

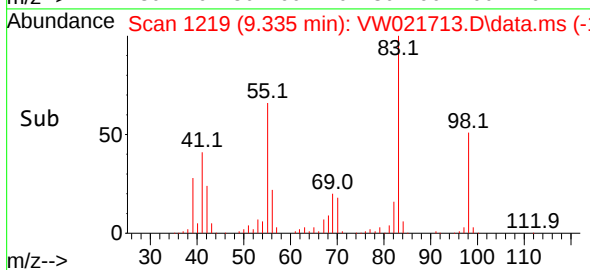
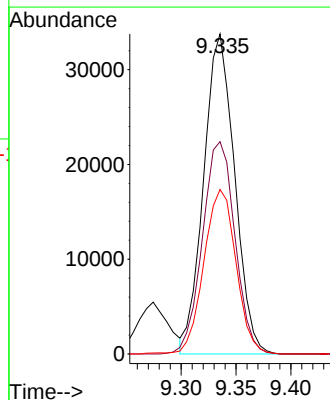
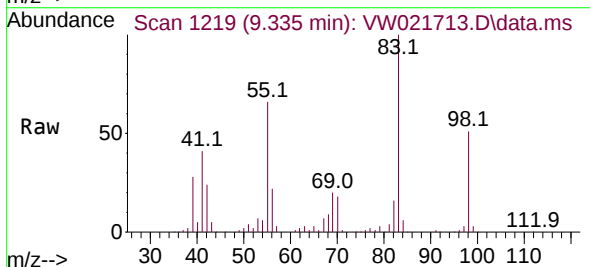
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

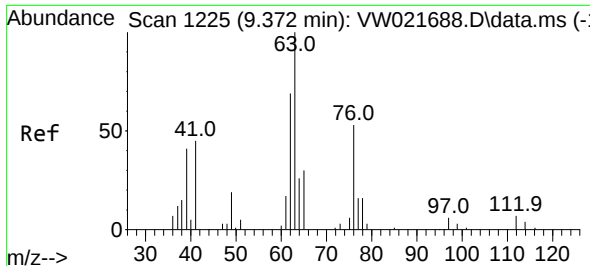
Tgt Ion: 95 Resp: 39606
Ion Ratio Lower Upper
95 100
97 63.2 47.0 87.2
132 111.4 65.5 121.6
130 111.3 69.4 128.8



#35
Methylcyclohexane
Concen: 23.024 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 83 Resp: 66426
Ion Ratio Lower Upper
83 100
55 69.5 70.8 106.2#
98 53.2 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.093 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

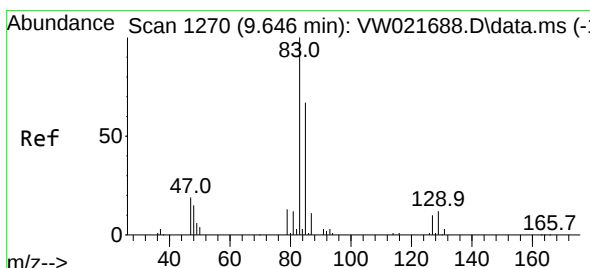
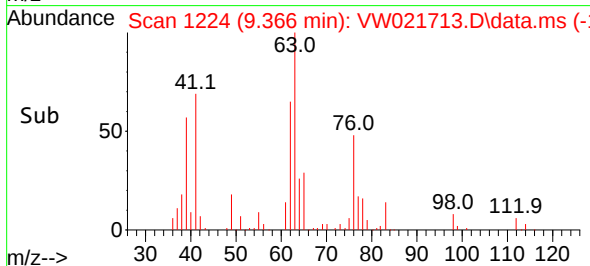
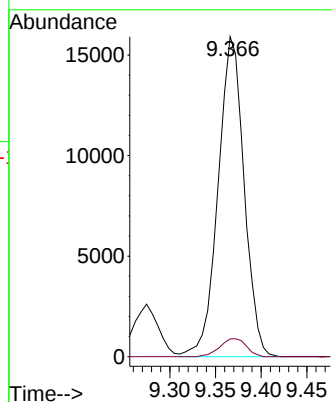
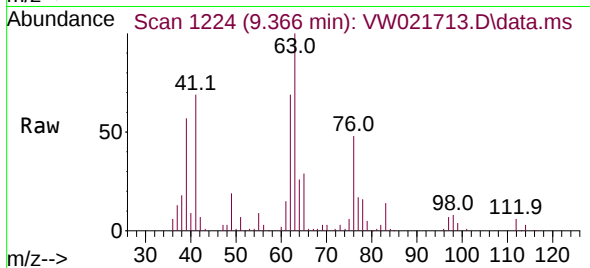
VSTD025539

Tgt Ion: 63 Resp: 31525

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.835 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

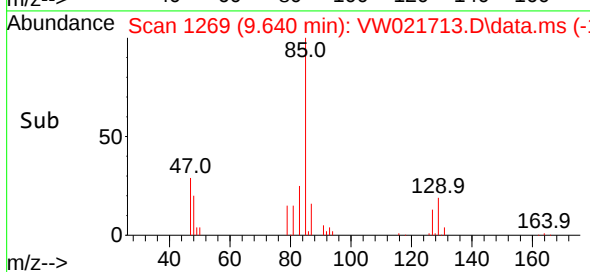
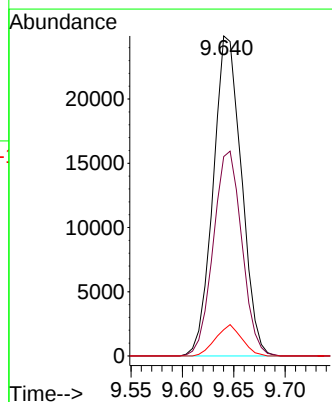
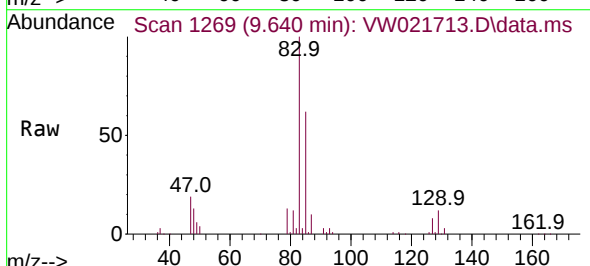
Tgt Ion: 83 Resp: 47581

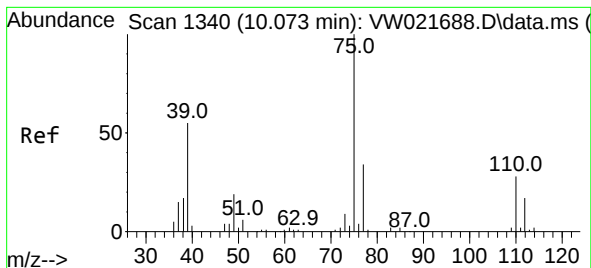
Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9

127 8.2 6.1 9.1

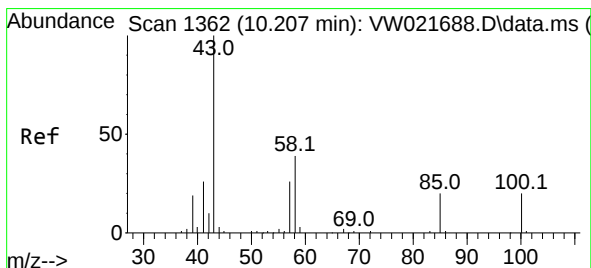
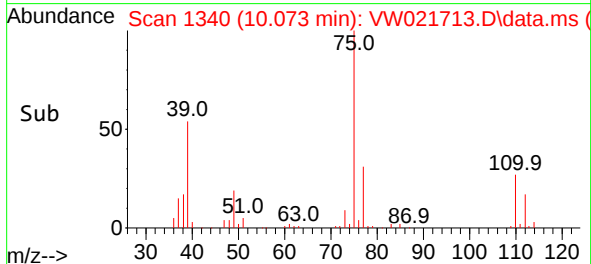
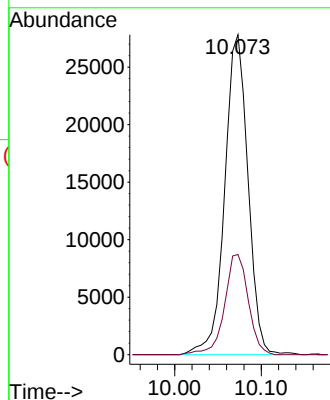
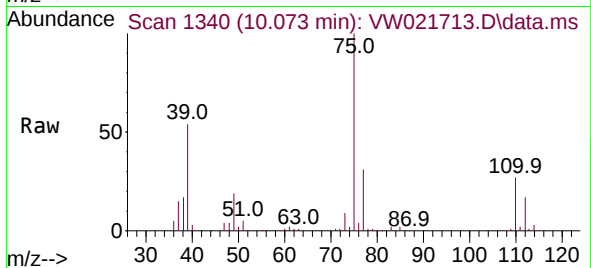




#39
 cis-1,3-Dichloropropene
 Concen: 23.228 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

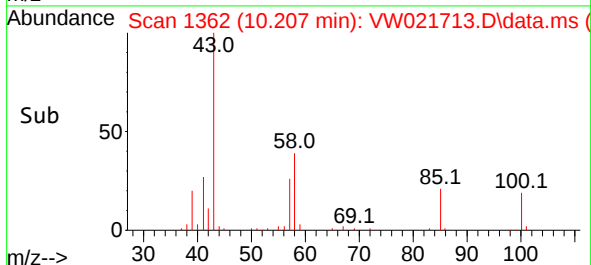
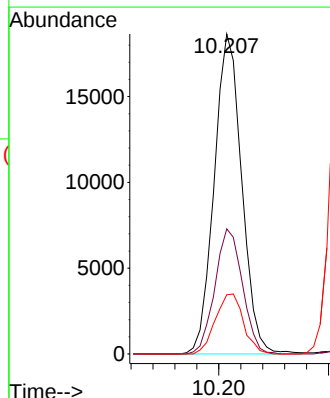
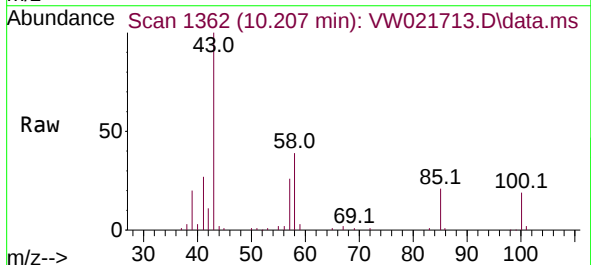
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

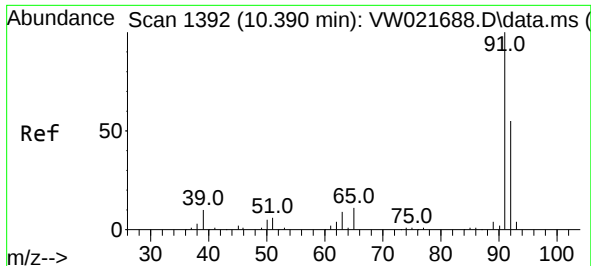
Tgt Ion: 75 Resp: 51809
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 43.148 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

Tgt Ion: 43 Resp: 32448
 Ion Ratio Lower Upper
 43 100
 58 39.2 28.8 43.2
 100 19.1 10.0 15.0#

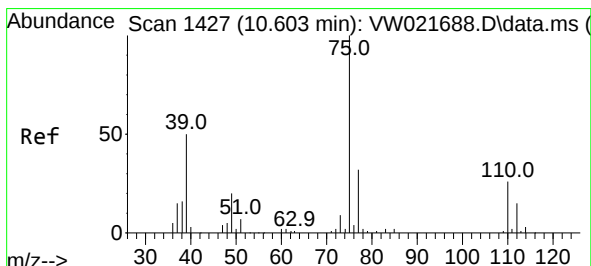
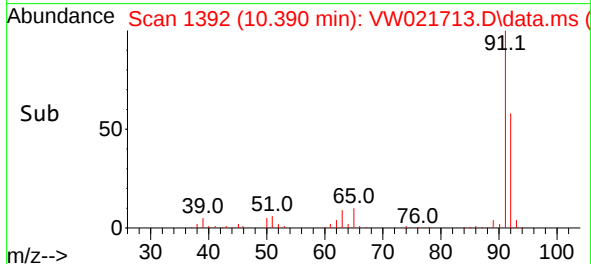
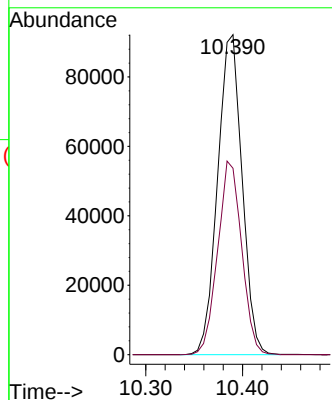
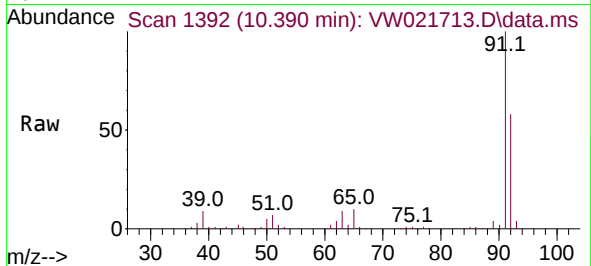




#42
Toluene
Concen: 22.797 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

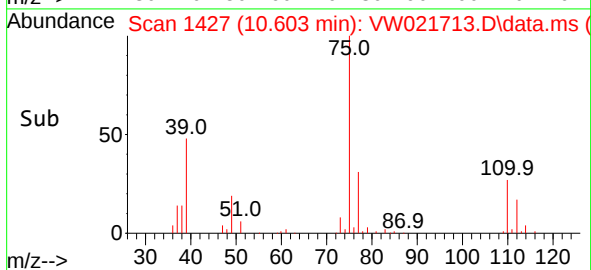
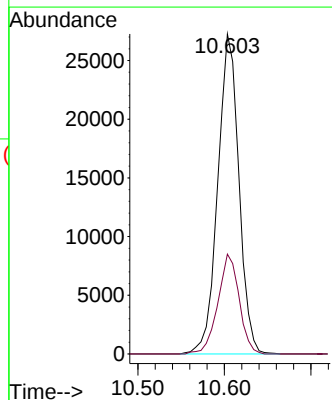
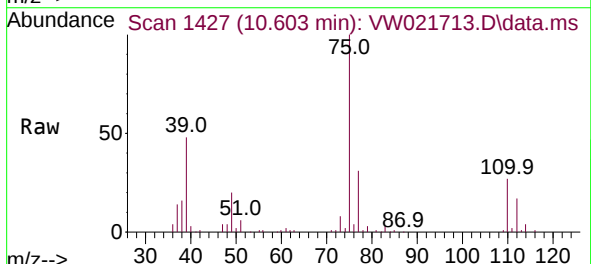
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

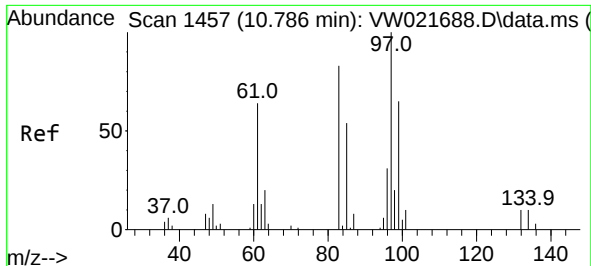
Tgt Ion: 91 Resp: 162105
Ion Ratio Lower Upper
91 100
92 58.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.043 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 75 Resp: 46179
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2

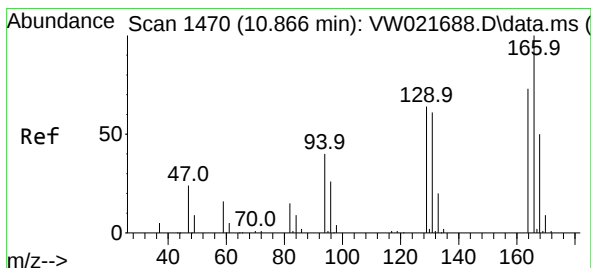
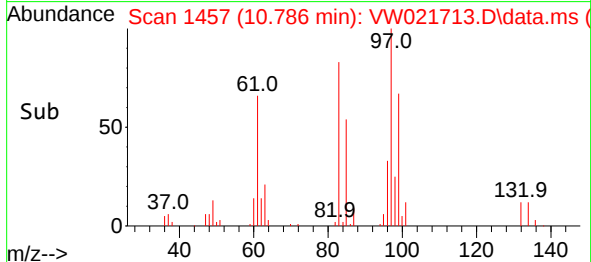
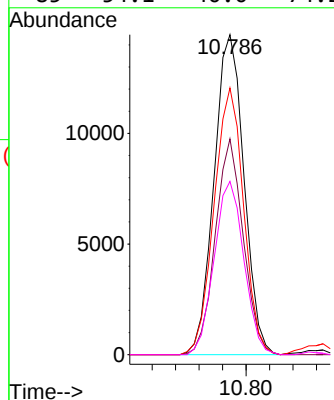
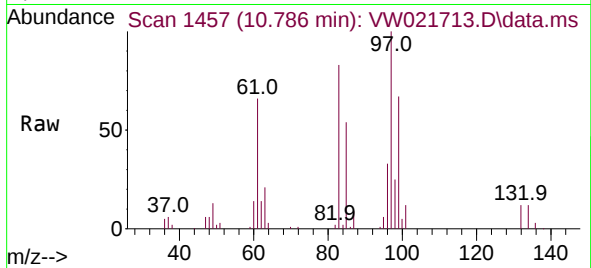




#45
1,1,2-Trichloroethane
Concen: 22.563 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

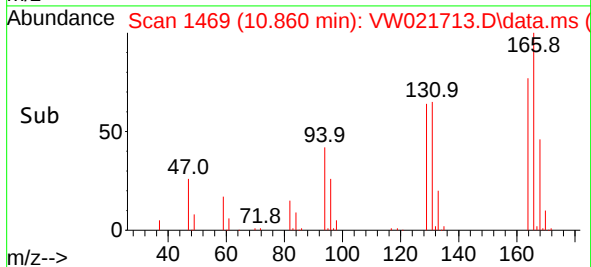
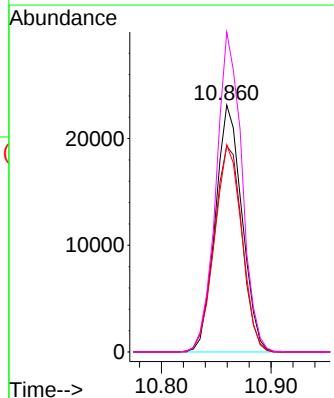
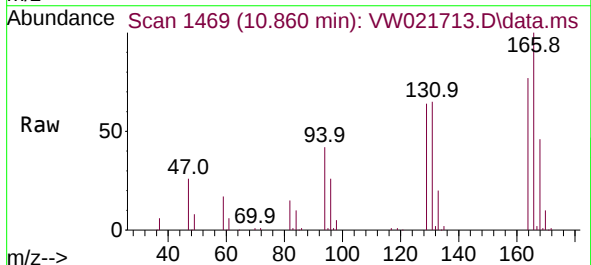
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

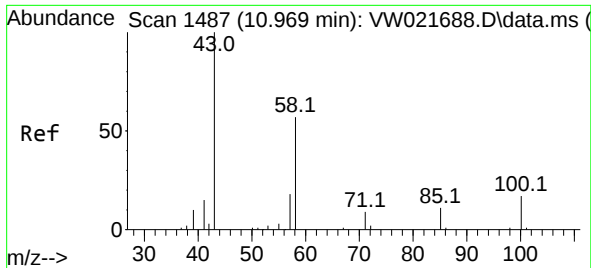
Tgt Ion: 97	Resp: 25584
Ion Ratio	Lower Upper
97 100	
99 67.5	43.0 79.8
83 83.4	62.6 116.3
85 54.1	40.0 74.2



#46
Tetrachloroethene
Concen: 23.969 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt	Ion:164	Resp:	39251
Ion	Ratio	Lower	Upper
164	100		
129	83.4	65.5	121.7
131	84.0	59.7	110.9
166	129.6	88.7	164.7

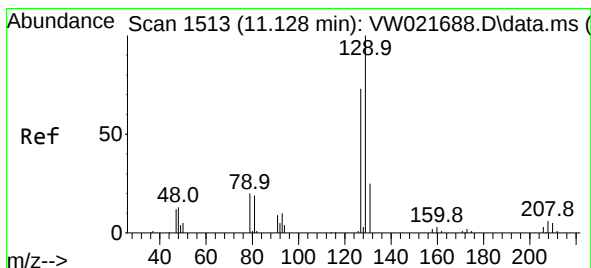
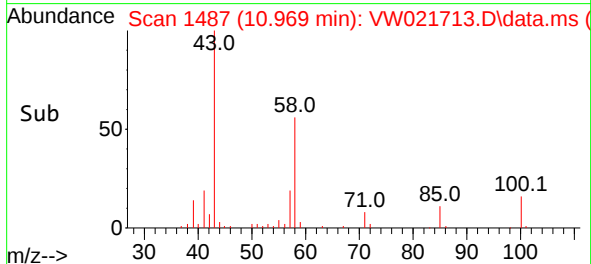
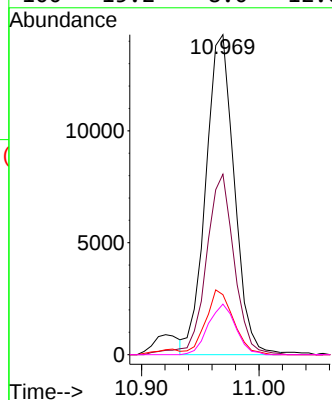
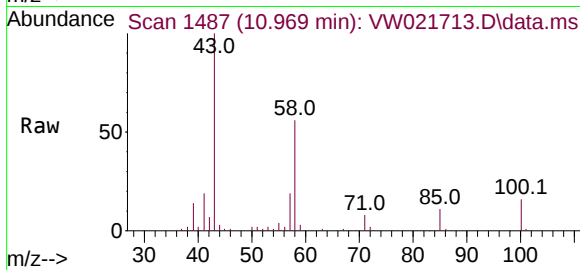




#48
2-Hexanone
Concen: 47.133 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

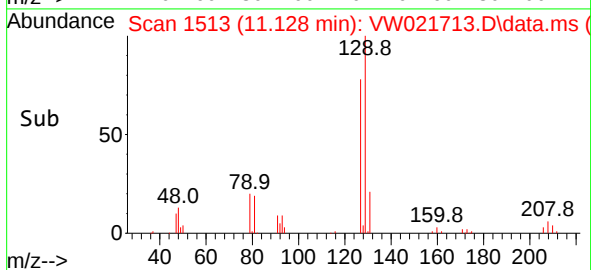
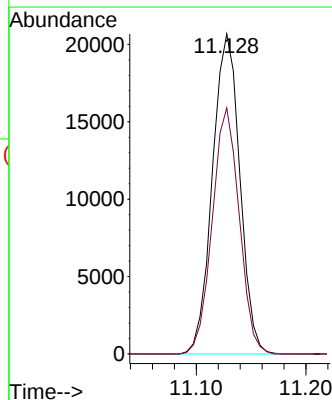
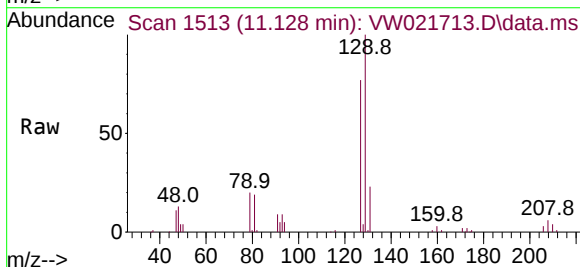
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

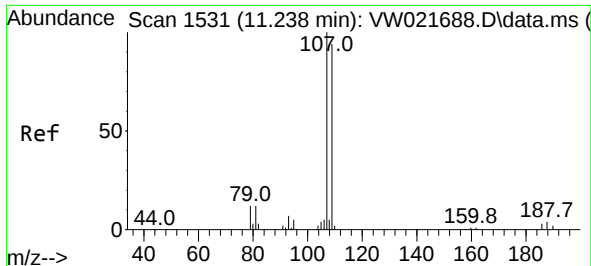
Tgt Ion:	43	Resp:	24071
Ion	Ratio	Lower	Upper
43	100		
58	54.2	40.2	60.2
57	19.7	14.3	21.5
100	15.2	8.0	12.0



#49
Dibromochloromethane
Concen: 23.571 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion:	129	Resp:	35910
Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.7	103.5





#50

1,2-Dibromoethane

Concen: 22.836 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

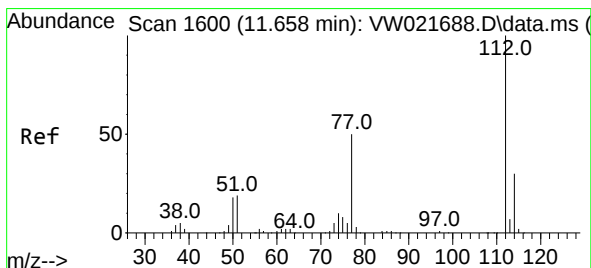
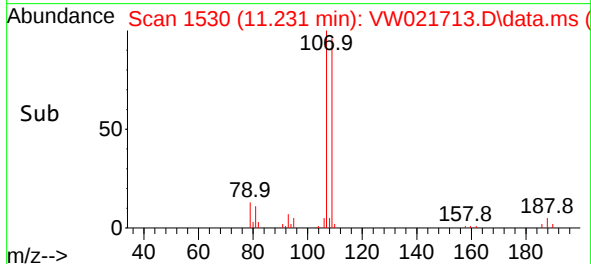
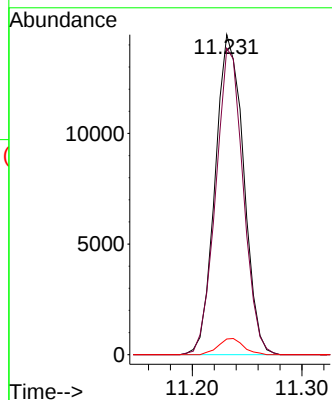
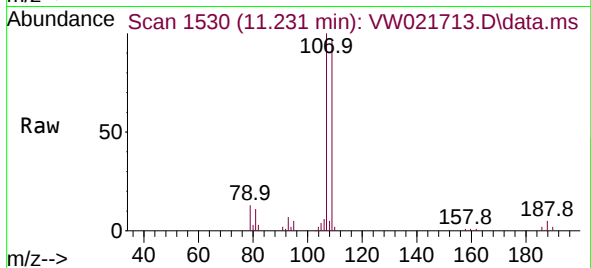
Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion:	107	Resp:	26006
Ion	Ratio	Lower	Upper
107	100		
109	95.7	64.1	119.1
188	4.9	2.6	3.8#



#51

Chlorobenzene

Concen: 23.028 ug/L

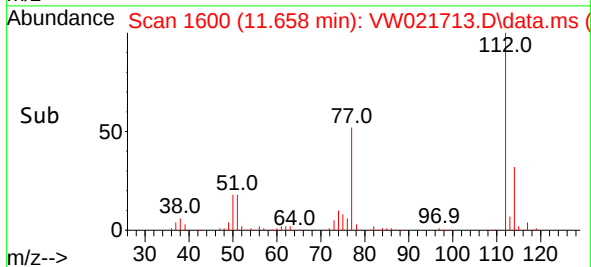
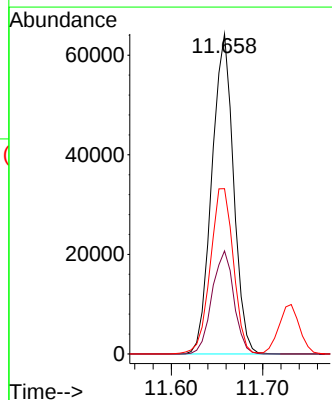
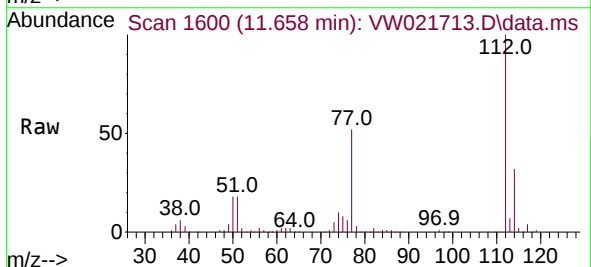
RT: 11.658 min Scan# 1600

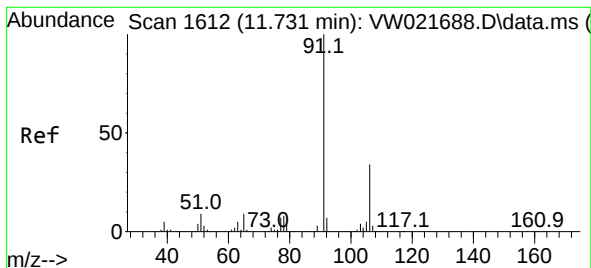
Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Tgt Ion:	112	Resp:	105650
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	51.6	50.2	75.4

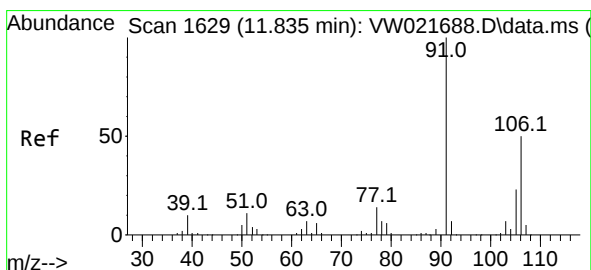
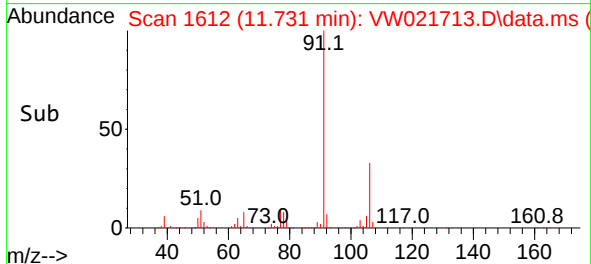
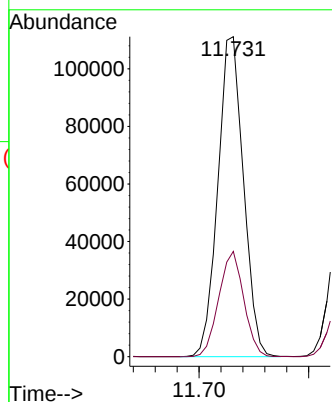
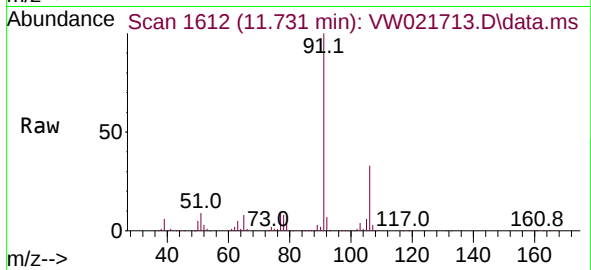




#52
Ethylbenzene
Concen: 22.617 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

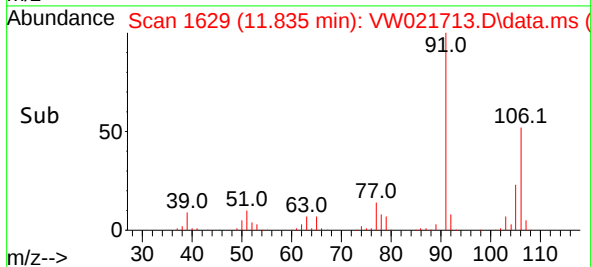
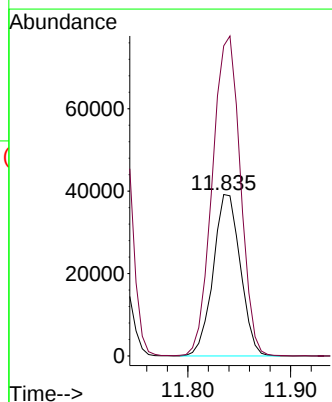
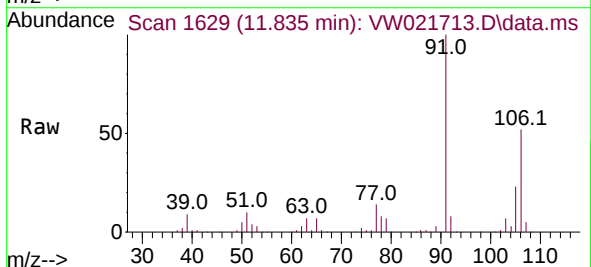
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

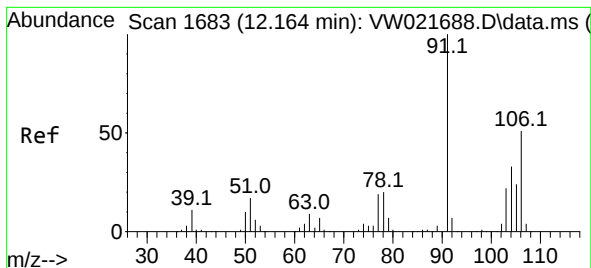
Tgt Ion: 91 Resp: 180526
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 22.444 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 106 Resp: 71782
Ion Ratio Lower Upper
106 100
91 192.1 149.9 278.3





#54

o-Xylene

Concen: 22.998 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

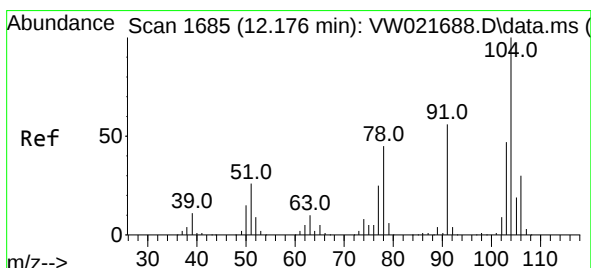
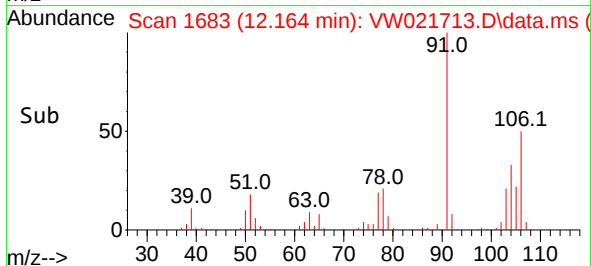
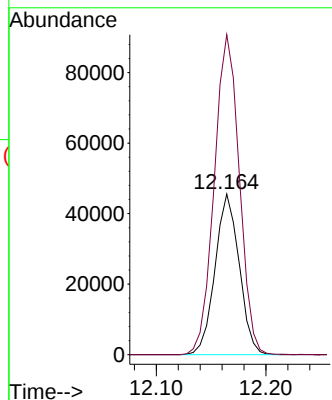
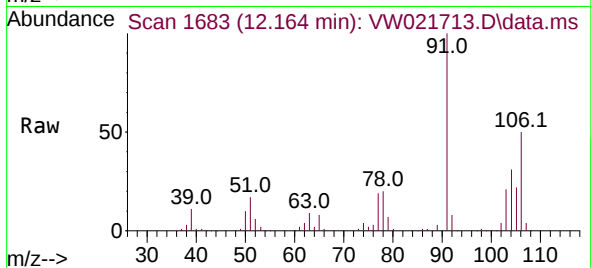
VSTD025539

Tgt Ion:106 Resp: 69712

Ion Ratio Lower Upper

106 100

91 199.2 153.6 285.3



#55

Styrene

Concen: 22.818 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW021713.D

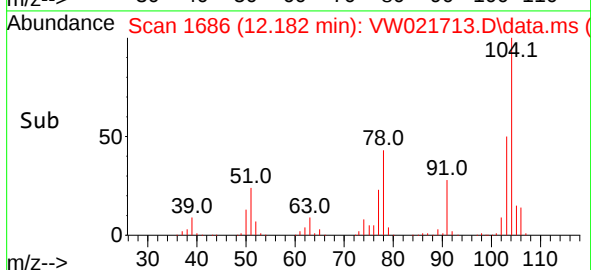
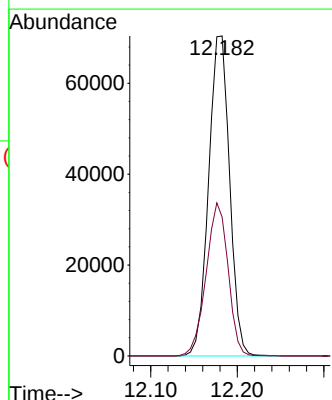
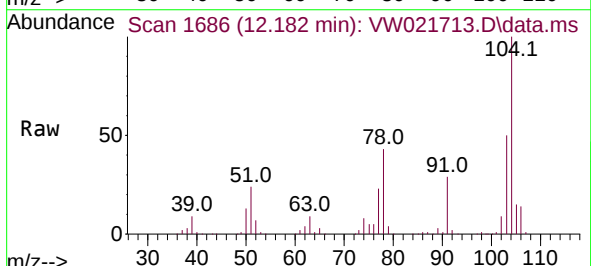
Acq: 03 Jan 2022 10:20

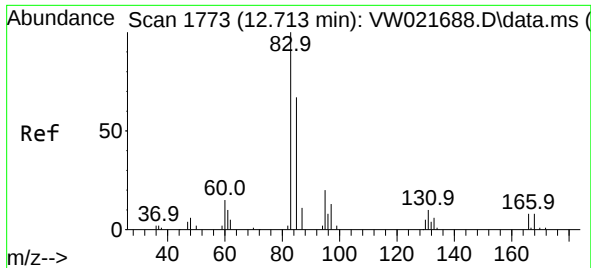
Tgt Ion:104 Resp: 118789

Ion Ratio Lower Upper

104 100

78 43.4 34.4 64.0

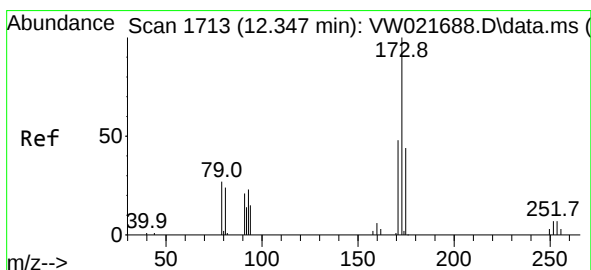
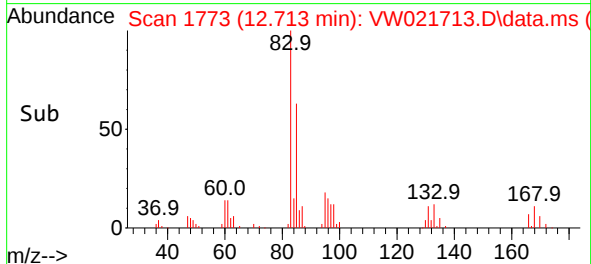
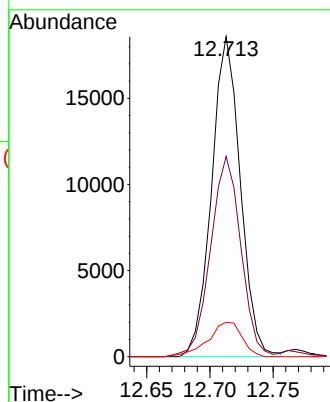
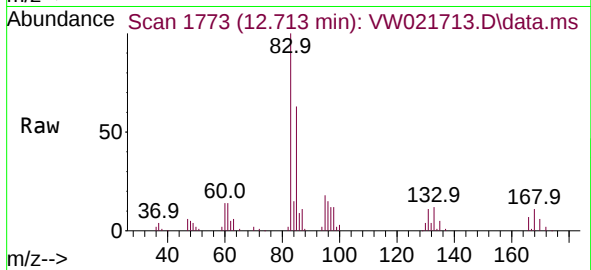




#57
1,1,2,2-Tetrachloroethane
Concen: 23.429 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

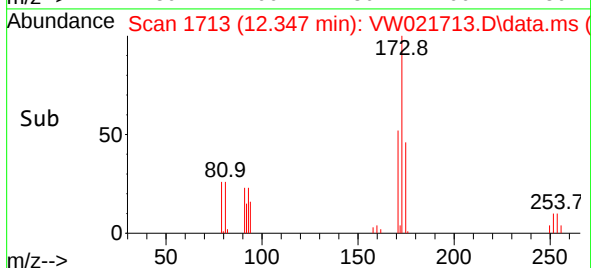
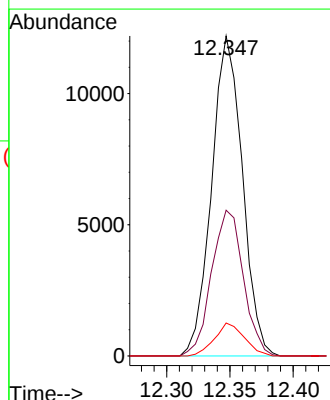
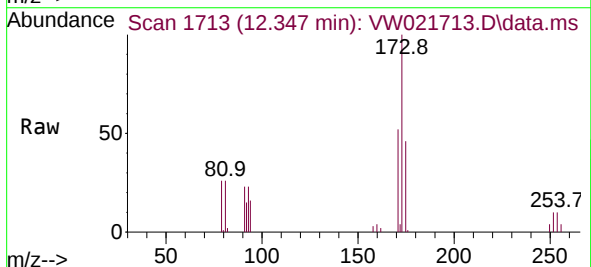
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

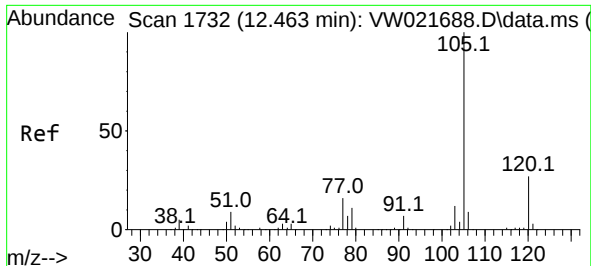
Tgt Ion: 83 Resp: 29387
Ion Ratio Lower Upper
83 100
85 62.6 44.0 81.6
131 10.7 6.9 10.3#



#59
Bromoform
Concen: 22.916 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 173 Resp: 20622
Ion Ratio Lower Upper
173 100
175 47.0 39.6 59.4
254 10.0 7.4 11.0

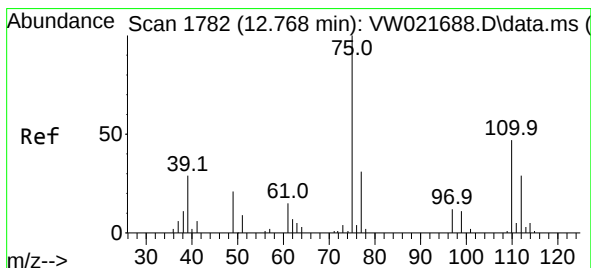
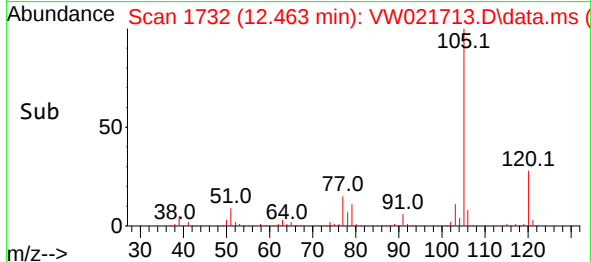
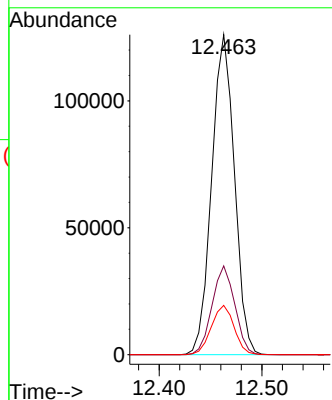
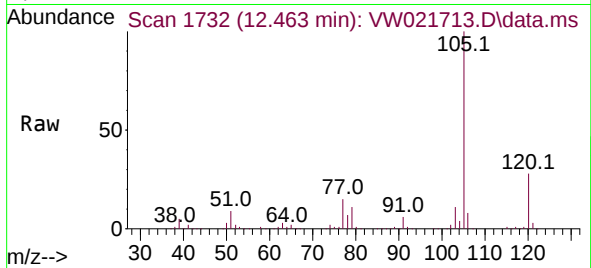




#60
Isopropylbenzene
Concen: 22.513 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

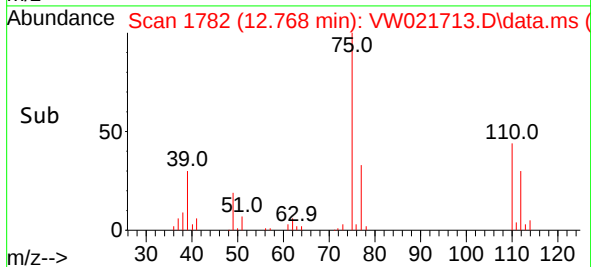
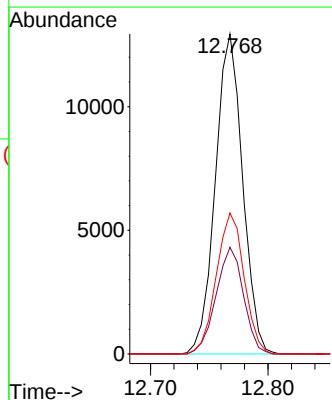
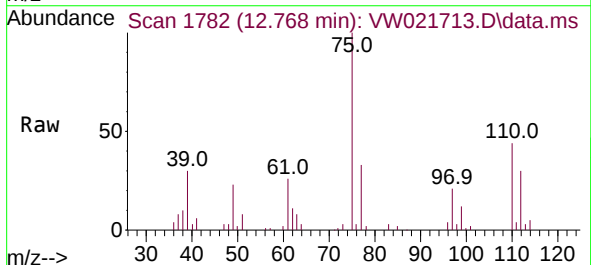
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

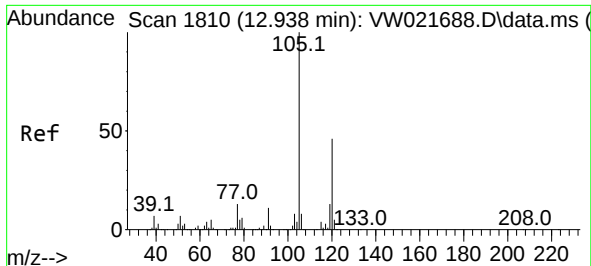
Tgt Ion:105 Resp: 193510
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 15.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.138 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion: 75 Resp: 20888
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.8
110 44.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.741 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

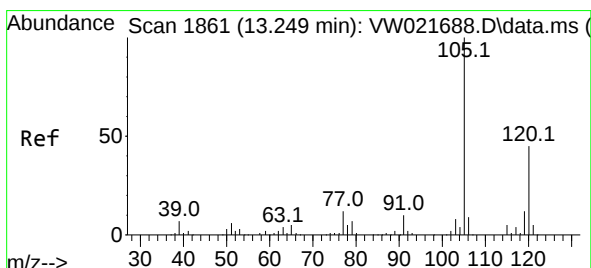
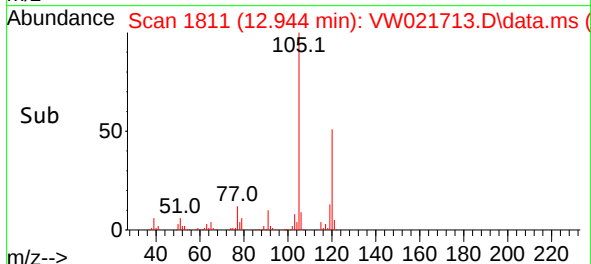
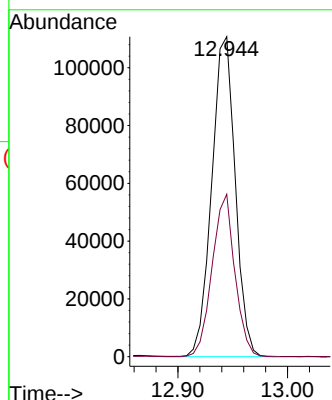
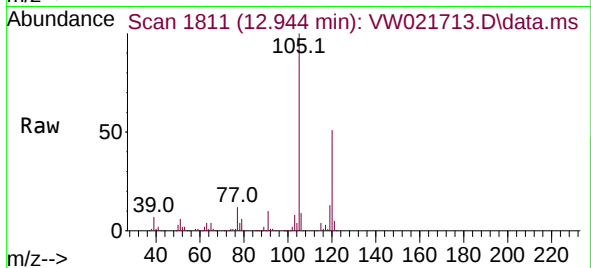
VSTD025539

Tgt Ion:105 Resp: 165258

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.774 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021713.D

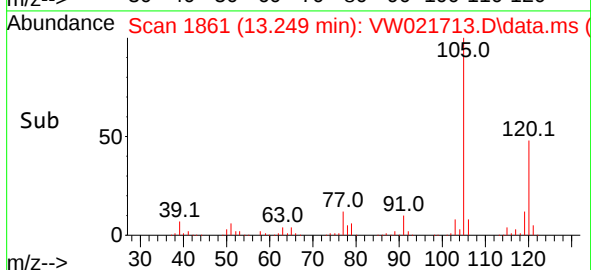
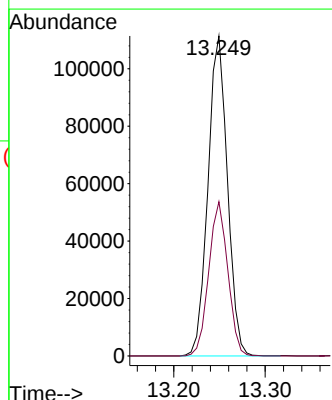
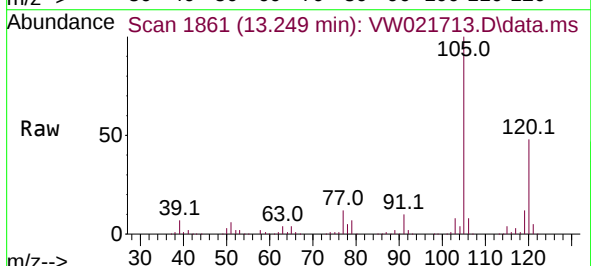
Acq: 03 Jan 2022 10:20

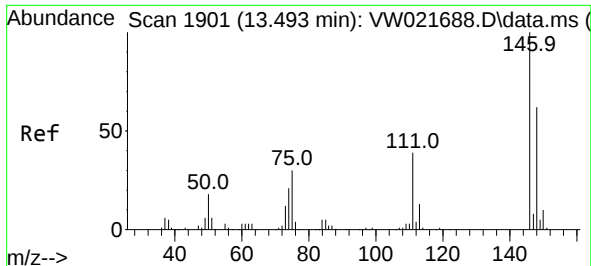
Tgt Ion:105 Resp: 164387

Ion Ratio Lower Upper

105 100

120 47.2 35.0 52.6

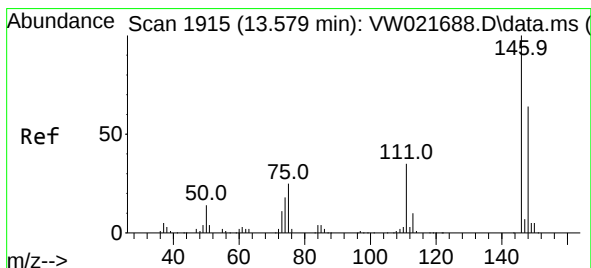
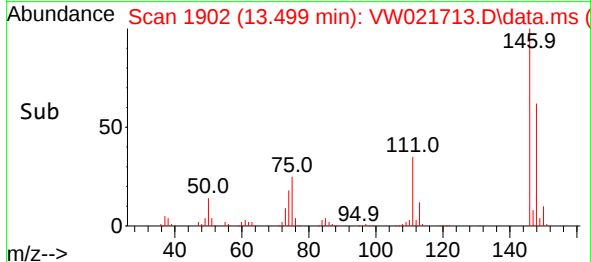
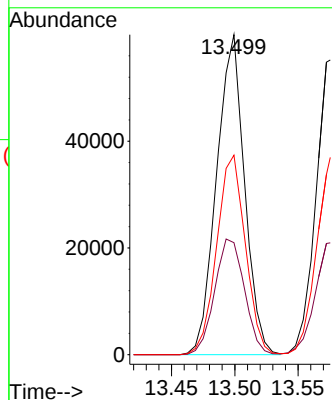
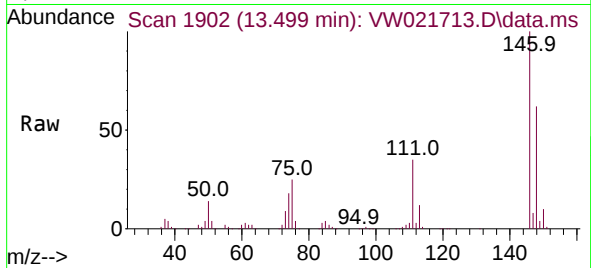




#64
1,3-Dichlorobenzene
Concen: 22.712 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

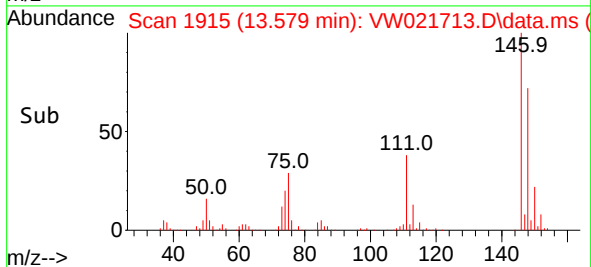
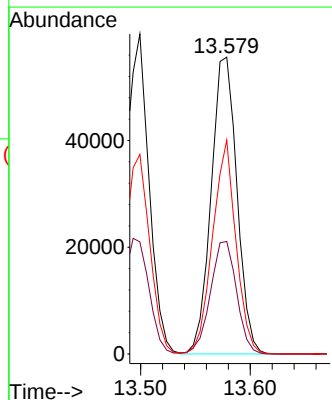
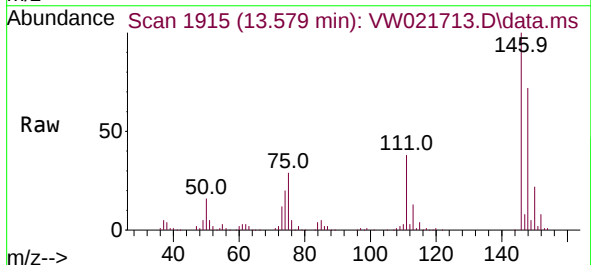
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

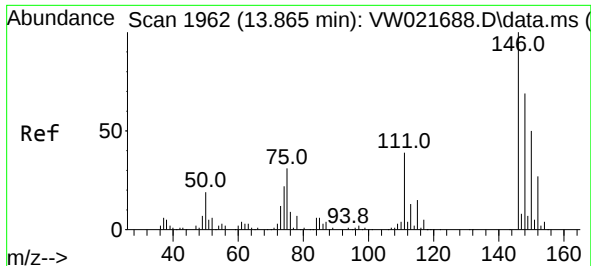
Tgt Ion:146 Resp: 92173
Ion Ratio Lower Upper
146 100
111 35.0 29.8 55.3
148 62.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.545 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion:146 Resp: 91232
Ion Ratio Lower Upper
146 100
111 37.9 29.0 53.9
148 72.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.077 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

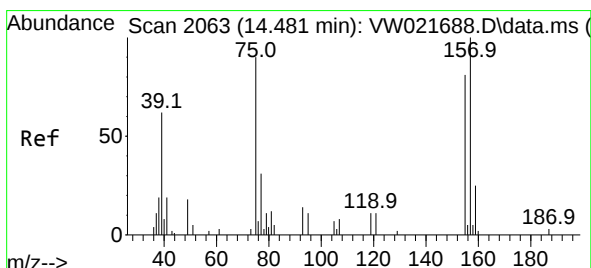
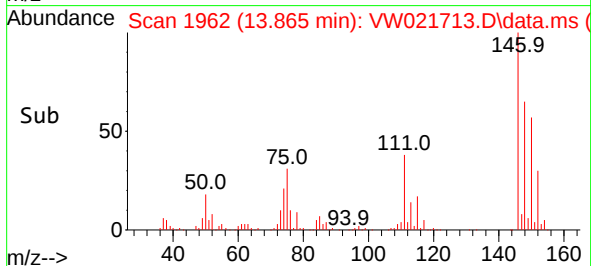
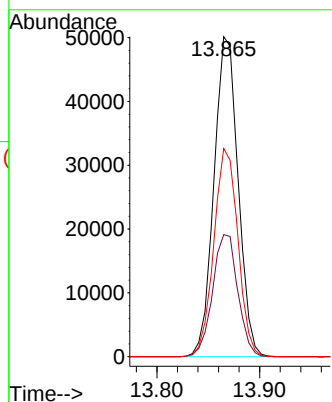
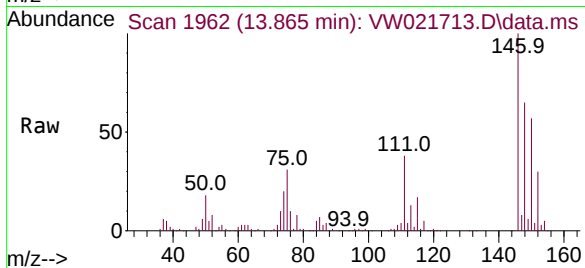
Tgt Ion:146 Resp: 81766

Ion Ratio Lower Upper

146 100

111 38.2 33.1 49.7

148 65.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.264 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021713.D

Acq: 03 Jan 2022 10:20

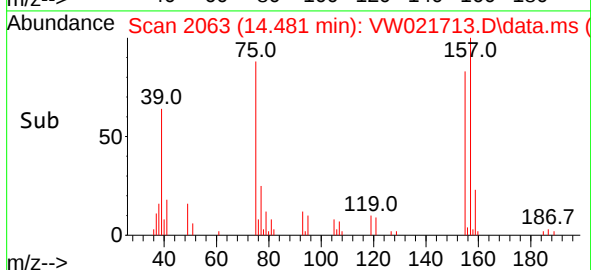
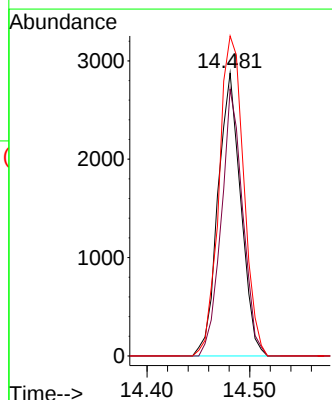
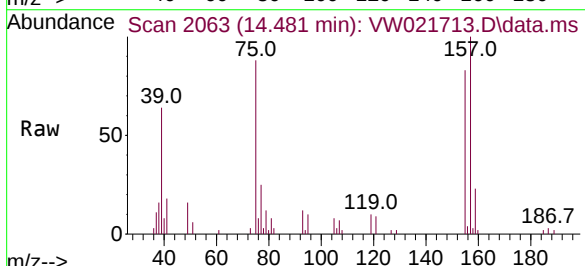
Tgt Ion: 75 Resp: 4418

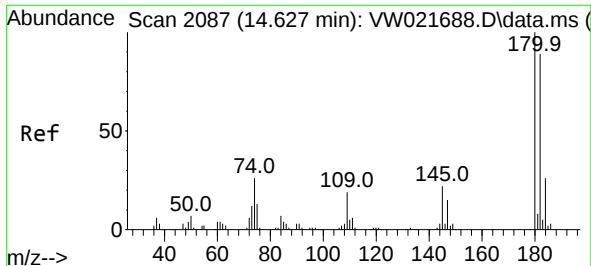
Ion Ratio Lower Upper

75 100

155 94.4 54.2 81.2#

157 113.1 69.4 104.2#

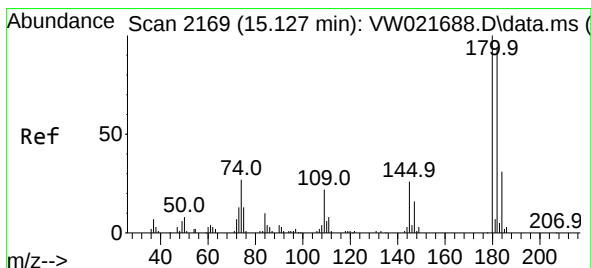
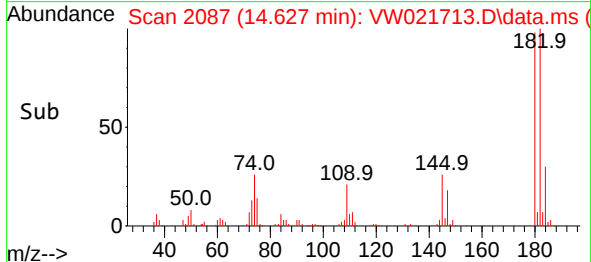
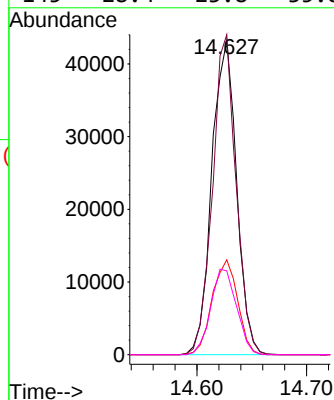
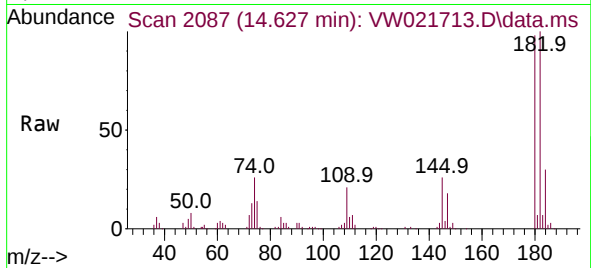




#69
 1,3,5-Trichlorobenzene
 Concen: 22.722 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

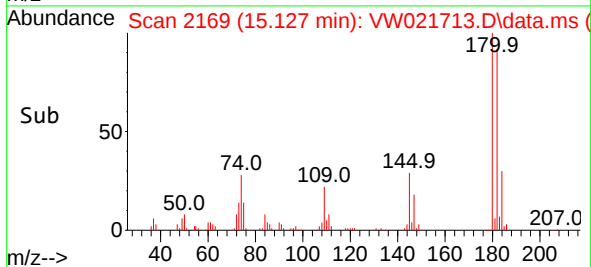
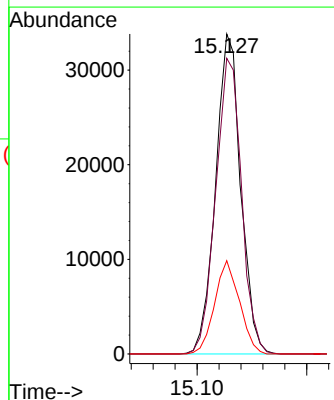
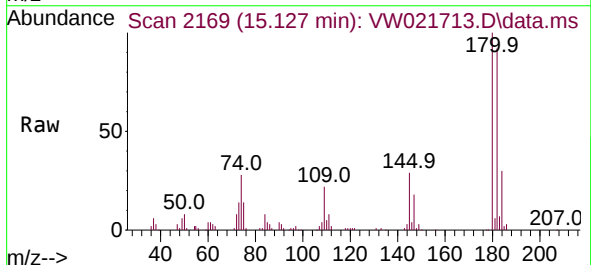
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

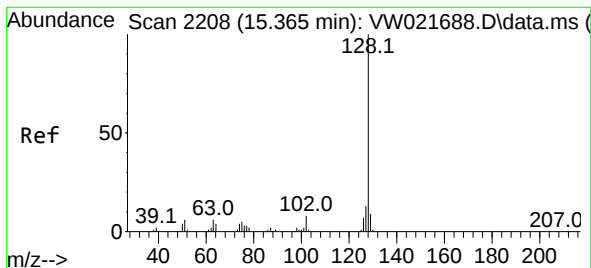
Tgt Ion:180	Resp:	67740
Ion Ratio	Lower	Upper
180	100	
182	96.8	75.4 113.0
184	31.2	23.8 35.8
145	28.4	23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.662 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021713.D
 Acq: 03 Jan 2022 10:20

Tgt Ion:180	Resp:	53927
Ion Ratio	Lower	Upper
180	100	
182	94.8	79.0 118.6
145	28.8	26.0 39.0

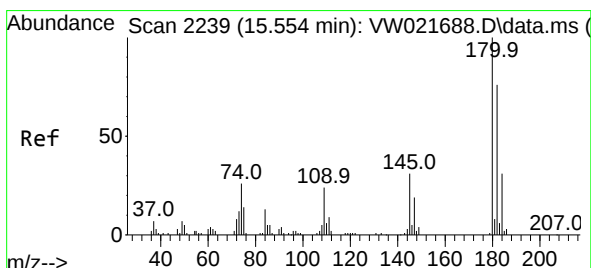
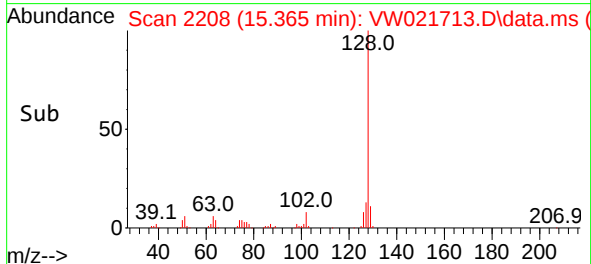
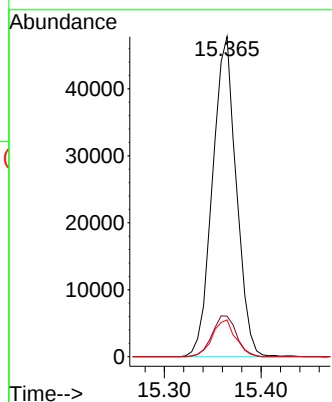
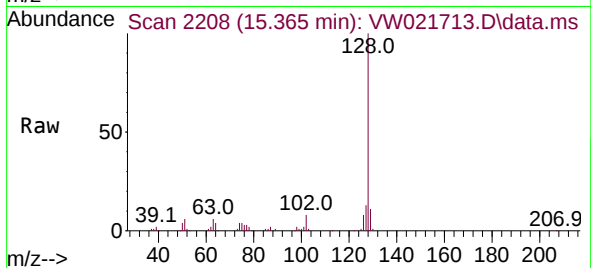




#71
Naphthalene
Concen: 21.080 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

Tgt Ion:128 Resp: 81616
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.109 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021713.D
Acq: 03 Jan 2022 10:20

Tgt Ion:180 Resp: 44288
Ion Ratio Lower Upper
180 100
182 93.8 76.6 114.8
145 31.0 27.4 41.0

