

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011622\
 Data File : VW021962.D
 Acq On : 15 Jan 2022 22:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Quant Time: Jan 17 06:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 06:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	139204	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55179	21.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
7) Chloroethane-d5	2.885	69	41954	17.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
11) 1,1-Dichloroethene-d2	4.019	63	90900	22.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.000%
21) 2-Butanone-d5	7.098	46	19931	54.577	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.160%
24) Chloroform-d	7.653	84	103086	22.923	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	8.305	65	49999	23.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.275	84	202559	23.145	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	9.274	67	55254	23.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.323	98	201762	22.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	10.579	79	23419	23.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.927	63	18562	59.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.600%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45709	25.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	78839	23.704	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	9363	17.062	ug/L	89
3) Chloromethane	2.209	50	46218	23.229	ug/L	98
5) Vinyl chloride	2.361	62	63980	22.384	ug/L	99
6) Bromomethane	2.782	94	35335	17.484	ug/L	98
8) Chloroethane	2.922	64	35991	20.835	ug/L	95
9) Trichlorofluoromethane	3.257	101	47170	22.207	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	53849	23.291	ug/L	90
12) 1,1-Dichloroethene	4.037	96	48945	23.556	ug/L	80
13) Acetone	4.159	43	4183	13.864	ug/L	# 1
14) Carbon disulfide	4.385	76	118723	21.824	ug/L	99
15) Methyl Acetate	4.690	43	15490	25.402	ug/L	# 83
16) Methylene chloride	4.921	84	48632	20.414	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	52981	23.597	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	74937	26.173	ug/L	# 89
19) 1,1-Dichloroethane	6.220	63	82721	25.123	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	57183	24.758	ug/L	72
22) 2-Butanone	7.189	43	19750	51.212	ug/L	84
23) Bromochloromethane	7.519	128	27719	24.119	ug/L	# 60
25) Chloroform	7.677	83	94960	24.374	ug/L	98

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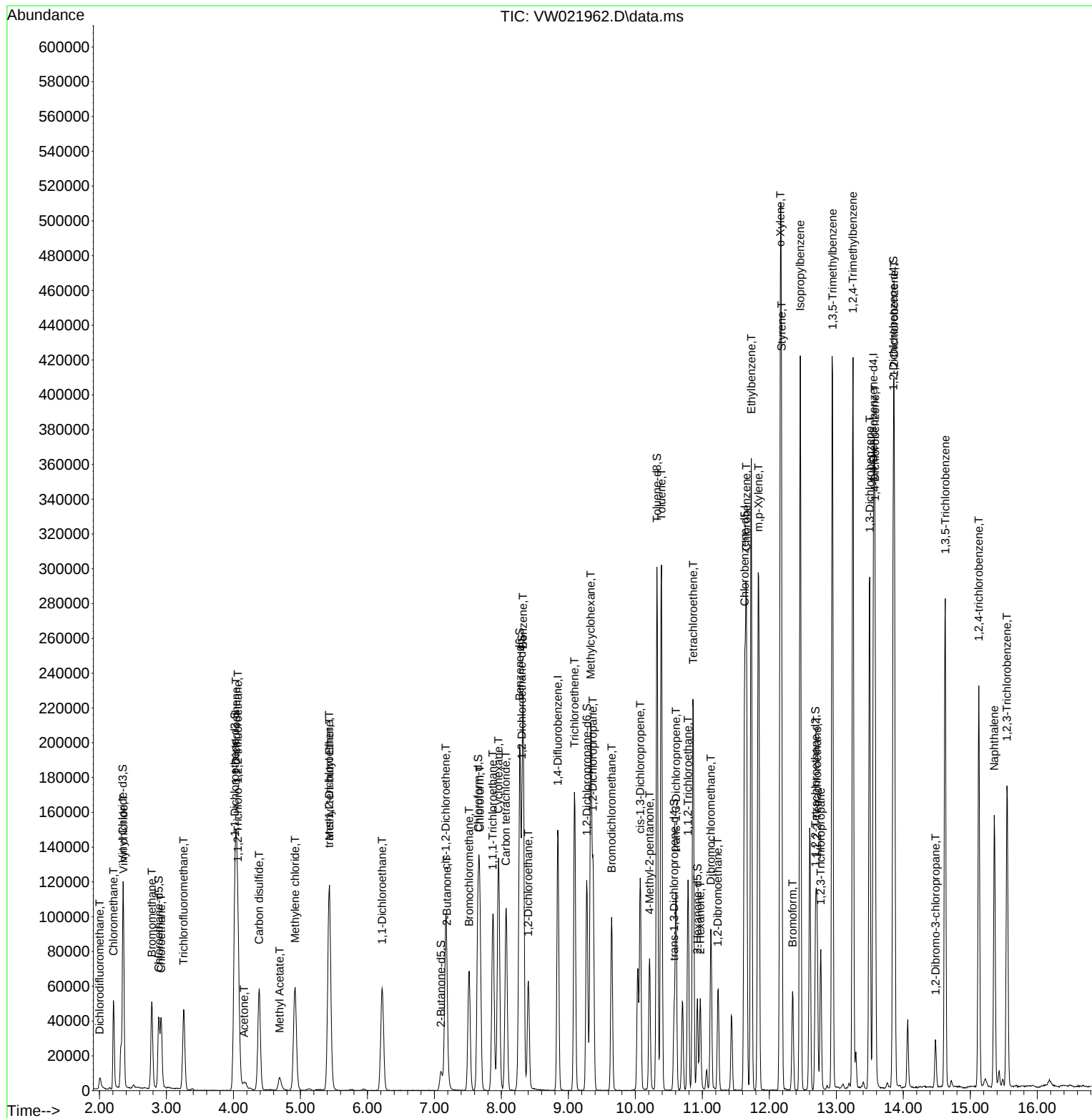
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55287	24.506	ug/L #	93
29) Cyclohexane	7.958	56	74506	24.693	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	85180	24.365	ug/L #	92
31) Carbon tetrachloride	8.067	117	81302	23.998	ug/L	98
33) Benzene	8.323	78	200831	24.283	ug/L	100
34) Trichloroethene	9.091	95	57471	23.952	ug/L	86
35) Methylcyclohexane	9.335	83	95311	24.155	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	44389	24.637	ug/L #	94
38) Bromodichloromethane	9.646	83	63587	25.281	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	71935	25.695	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	46859	55.365	ug/L #	87
42) Toluene	10.390	91	229504	24.742	ug/L	98
44) trans-1,3-Dichloropropene	10.609	75	63776	27.217	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	38851	25.398	ug/L	93
46) Tetrachloroethene	10.866	164	55383	23.342	ug/L	98
48) 2-Hexanone	10.969	43	30816	53.214	ug/L #	87
49) Dibromochloromethane	11.128	129	49694	25.782	ug/L	94
50) 1,2-Dibromoethane	11.231	107	40070	26.389	ug/L #	100
51) Chlorobenzene	11.658	112	161382	24.641	ug/L	90
52) Ethylbenzene	11.731	91	257425	24.982	ug/L	96
53) m,p-Xylene	11.841	106	108934	25.282	ug/L	80
54) o-Xylene	12.164	106	104676	26.168	ug/L	87
55) Styrene	12.182	104	169770	25.707	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	41903	25.459	ug/L #	99
59) Bromoform	12.347	173	25834	23.426	ug/L #	98
60) Isopropylbenzene	12.463	105	277719	25.213	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	30533	26.414	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	236093	25.884	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	231549	25.740	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	132182	23.868	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	127733	23.360	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	119975	24.743	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5977	26.775	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	94316	22.914	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	76914	23.451	ug/L	95
71) Naphthalene	15.359	128	138905	27.456	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	64832	23.937	ug/L	95

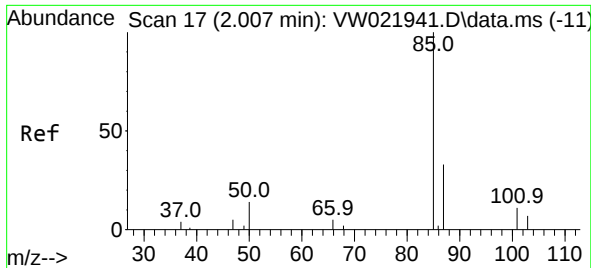
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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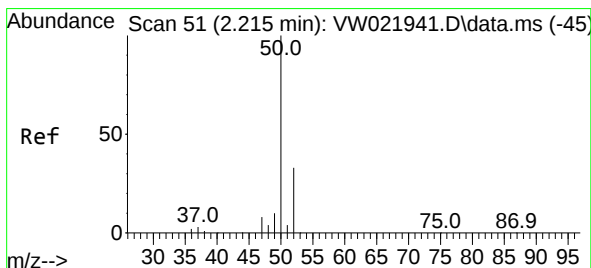
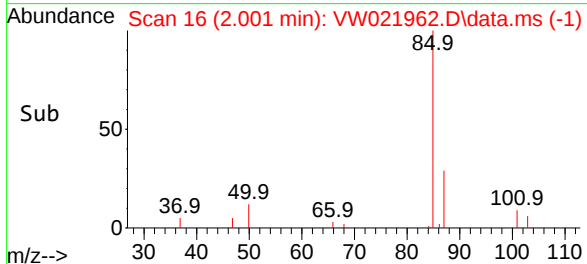
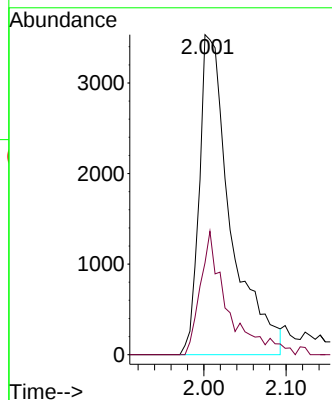
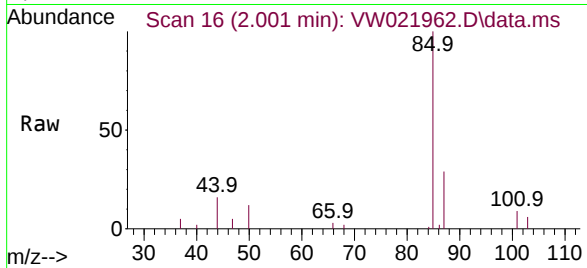




#2
 Dichlorodifluoromethane
 Concen: 17.062 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

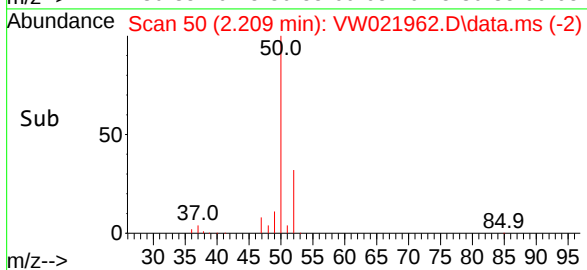
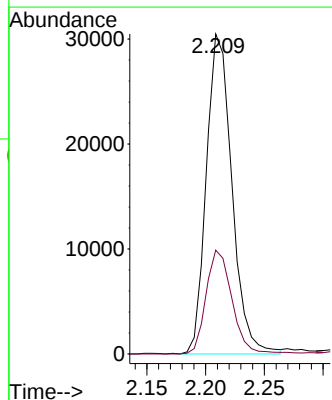
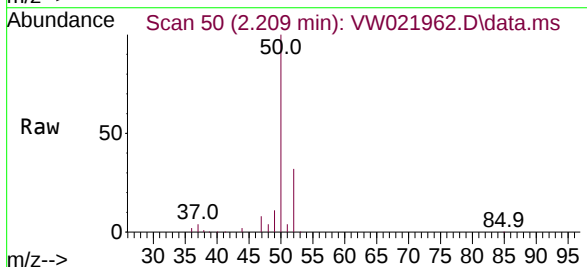
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 ClientSampleId :
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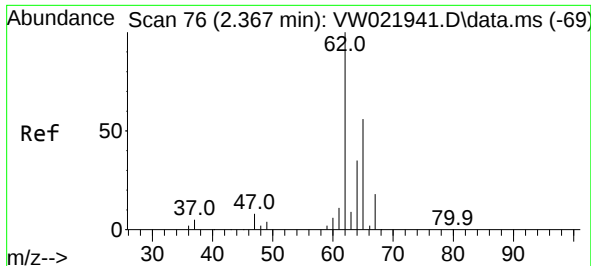
Tgt Ion: 85 Resp: 9363
 Ion Ratio Lower Upper
 85 100
 87 26.2 25.8 38.6



#3
 Chloromethane
 Concen: 23.229 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

Tgt Ion: 50 Resp: 46218
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.6

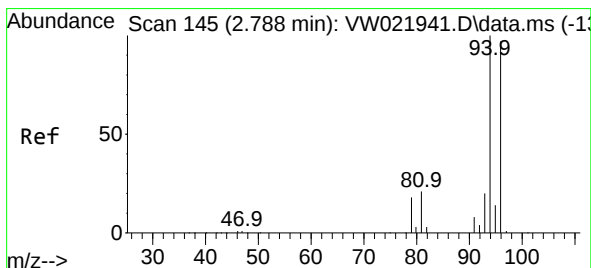
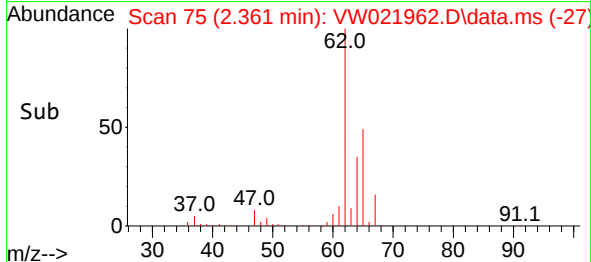
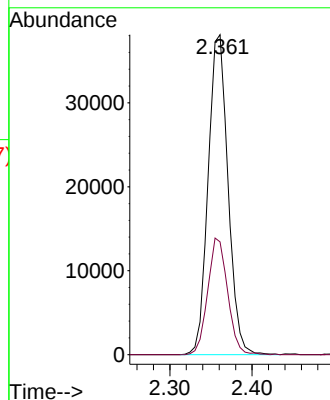
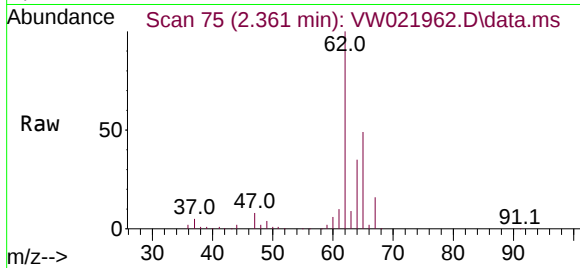




#5
 Vinyl chloride
 Concen: 22.384 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

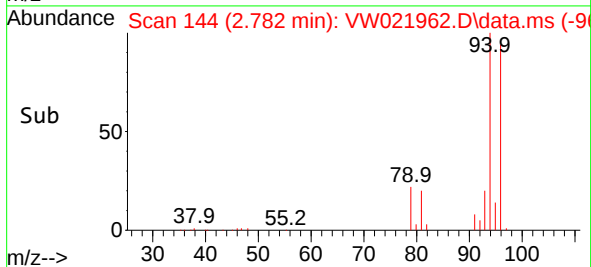
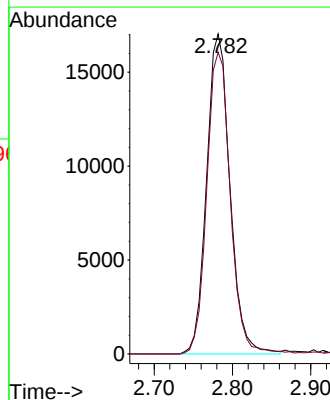
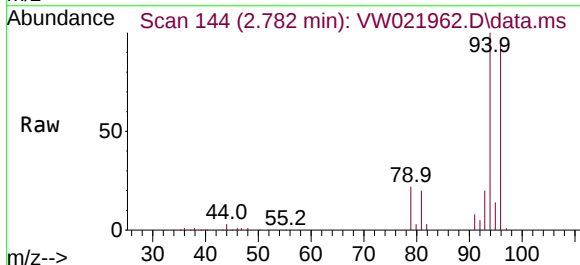
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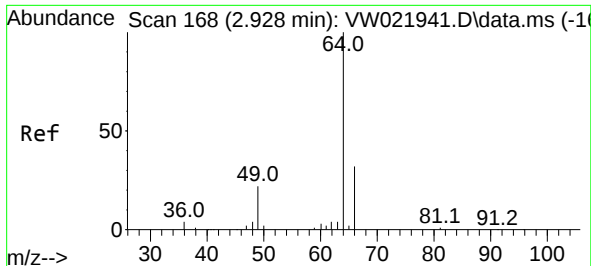
Tgt Ion: 62 Resp: 63980
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.4 45.2



#6
 Bromomethane
 Concen: 17.484 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

Tgt Ion: 94 Resp: 35335
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.4

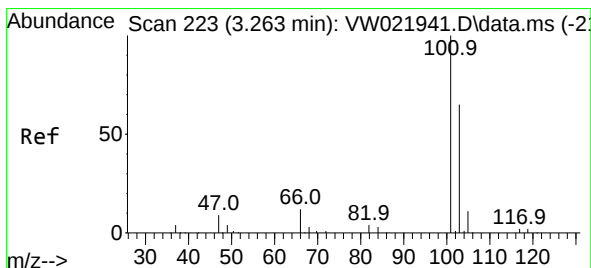
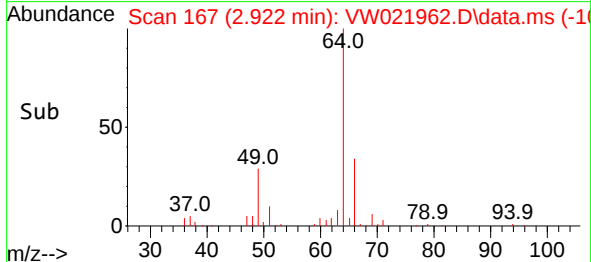
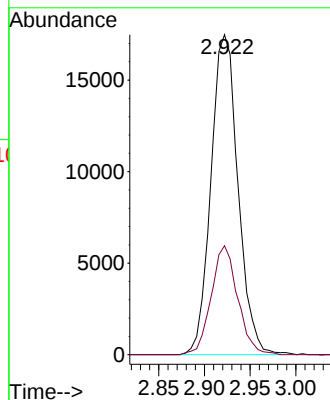
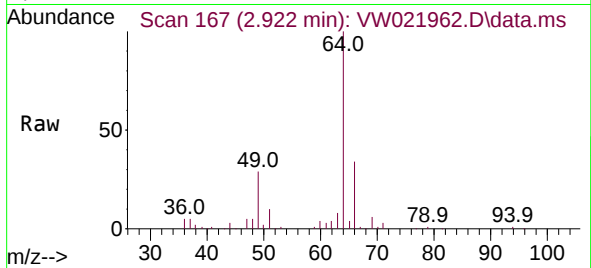




#8
Chloroethane
Concen: 20.835 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

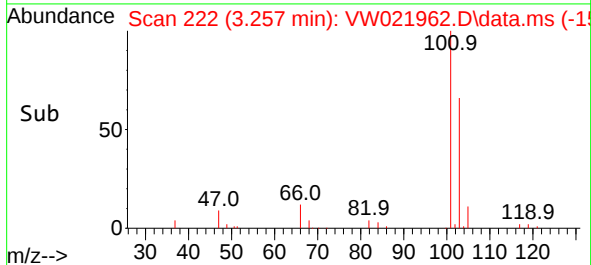
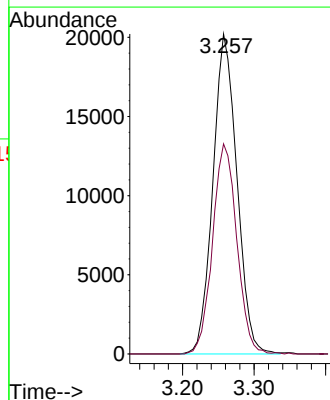
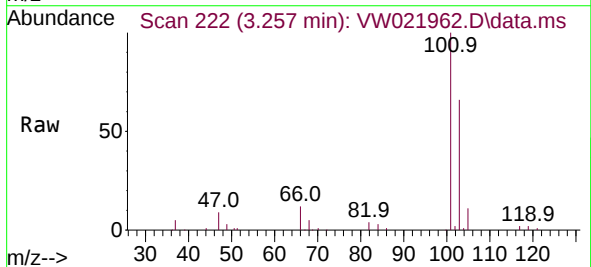
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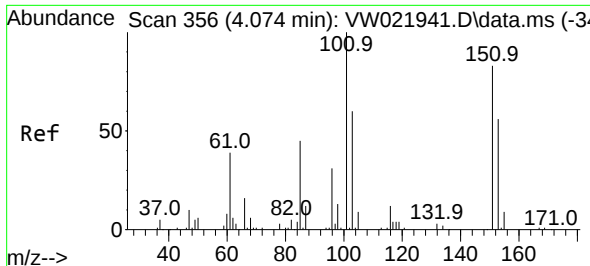
Tgt Ion: 64 Resp: 35991
Ion Ratio Lower Upper
64 100
66 34.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.207 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:101 Resp: 47170
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

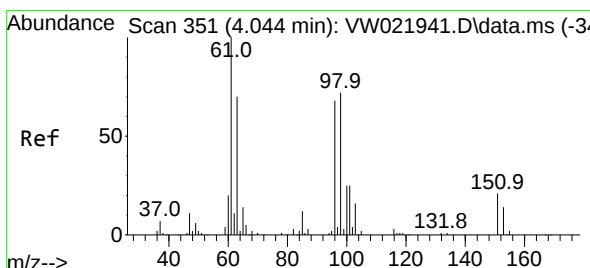
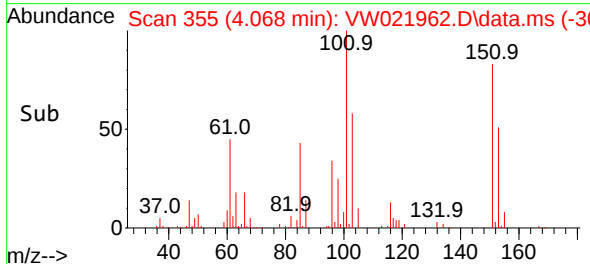
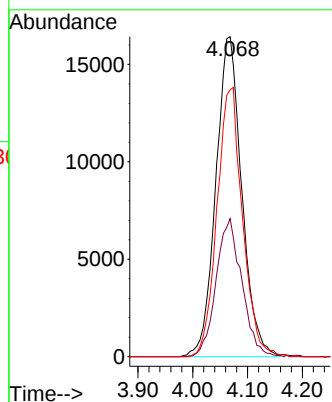
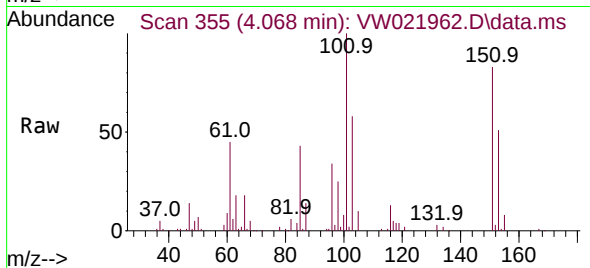




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.291 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

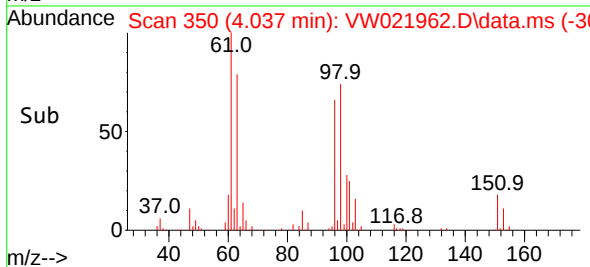
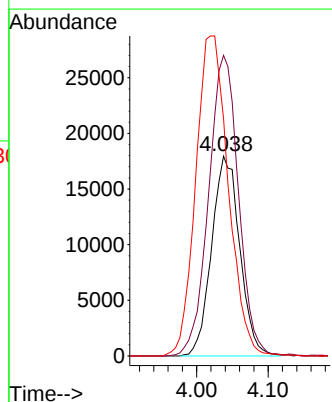
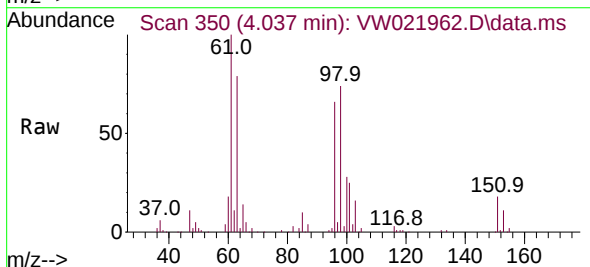
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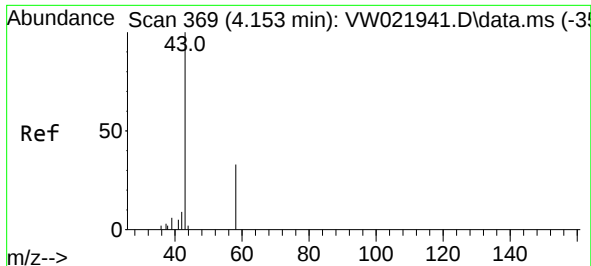
Tgt Ion:101 Resp: 53849
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.6 54.8
 151 82.9 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.556 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021962.D
 Acq: 15 Jan 2022 22:14

Tgt Ion: 96 Resp: 48945
 Ion Ratio Lower Upper
 96 100
 61 150.4 138.3 256.9
 63 118.8 82.6 153.4





#13

Acetone

Concen: 13.864 ug/L

RT: 4.159 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

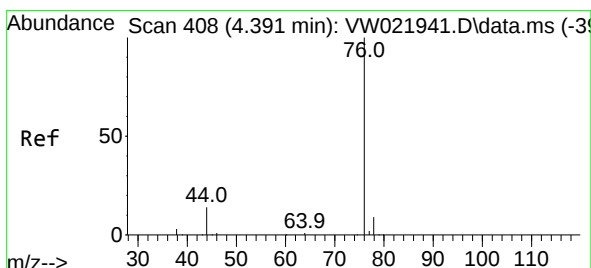
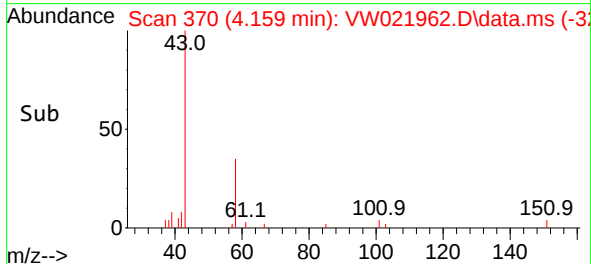
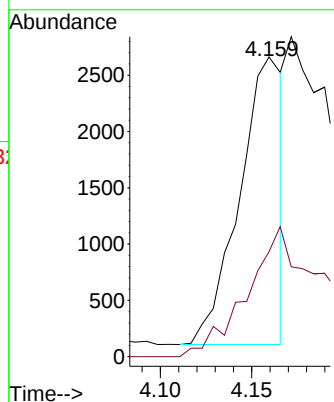
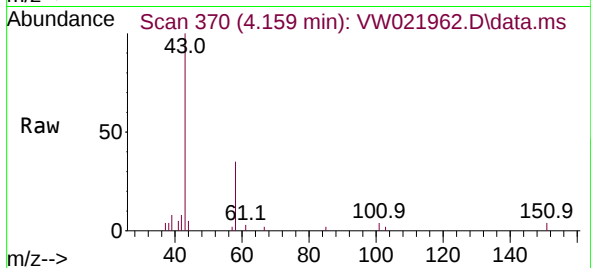
VSTD025541

Tgt Ion: 43 Resp: 4183

Ion Ratio Lower Upper

43 100

58 95.8 0.0 52.8#



#14

Carbon disulfide

Concen: 21.824 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW021962.D

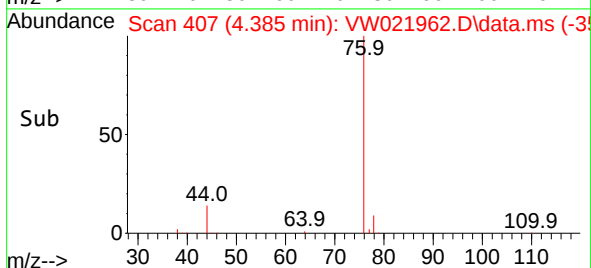
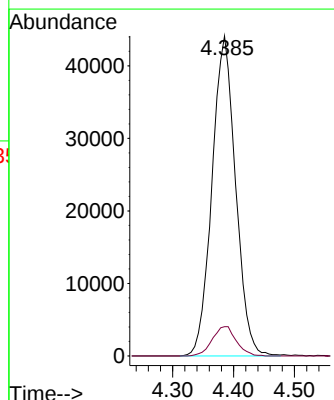
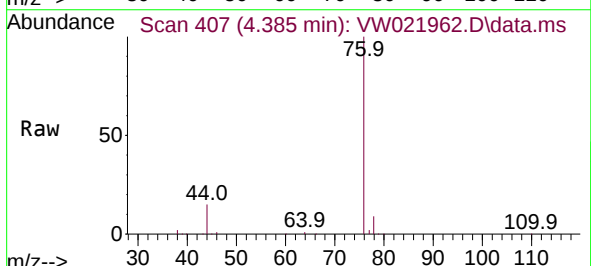
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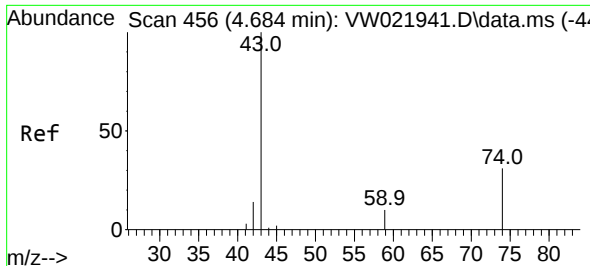
Tgt Ion: 76 Resp: 118723

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

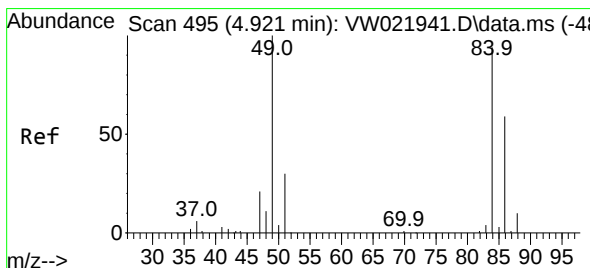
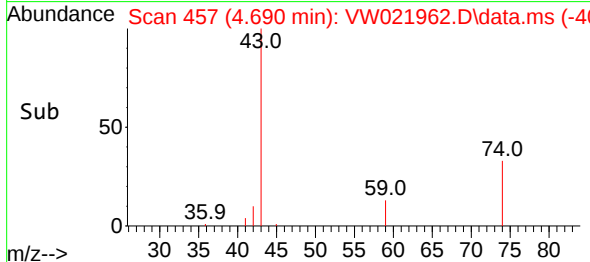
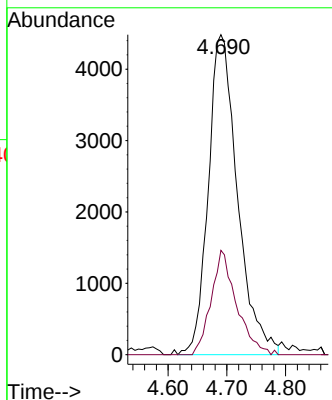
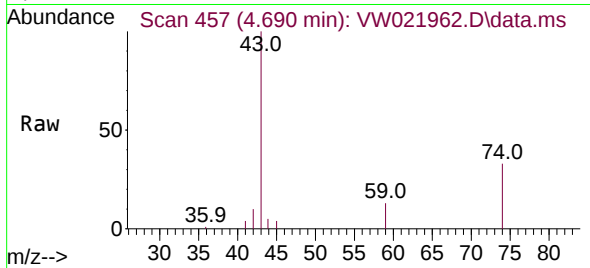




#15
Methyl Acetate
Concen: 25.402 ug/L
RT: 4.690 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

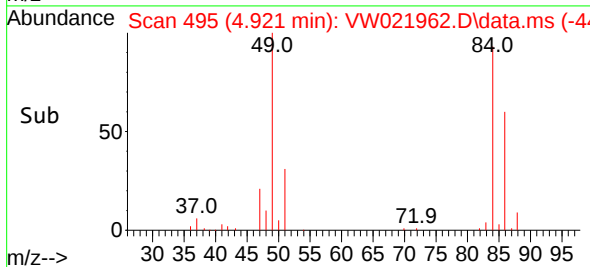
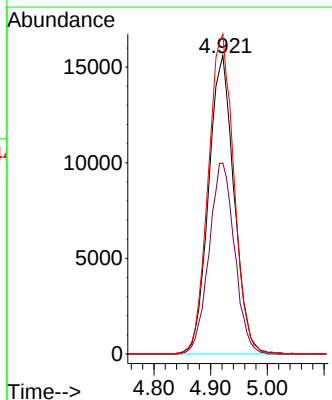
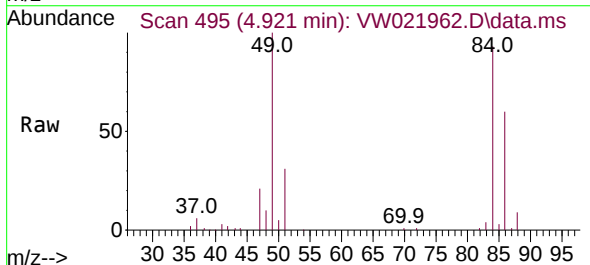
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

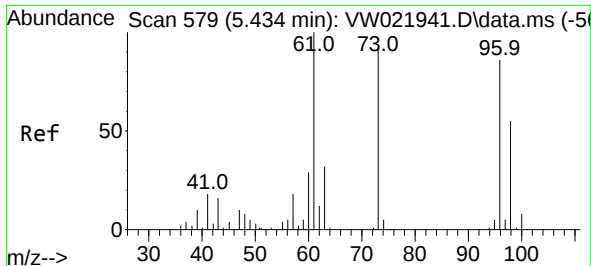
Tgt Ion: 43 Resp: 15490
Ion Ratio Lower Upper
43 100
74 28.3 16.4 24.6#



#16
Methylene chloride
Concen: 20.414 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 84 Resp: 48632
Ion Ratio Lower Upper
84 100
86 64.0 45.5 84.5
49 107.2 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.597 ug/L

RT: 5.428 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

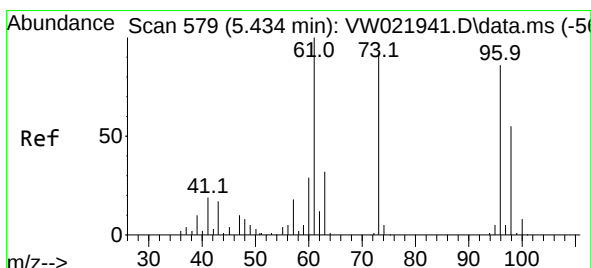
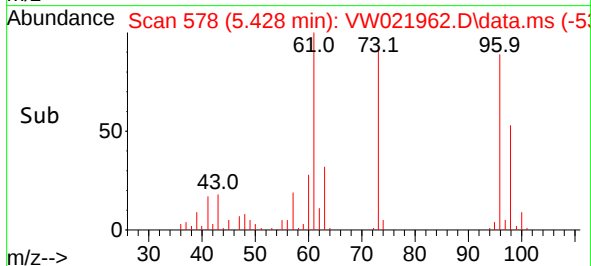
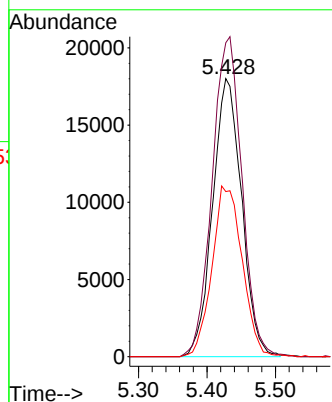
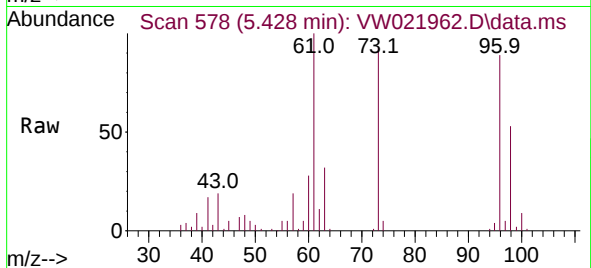
Tgt Ion: 96 Resp: 52981

Ion Ratio Lower Upper

96 100

61 112.9 107.4 199.4

98 59.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.173 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

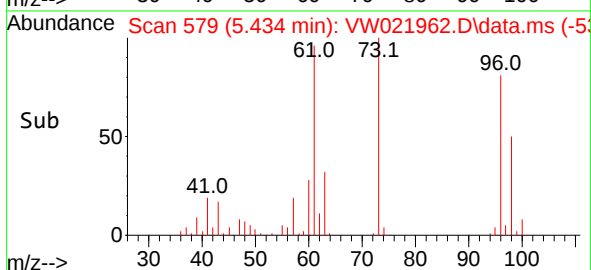
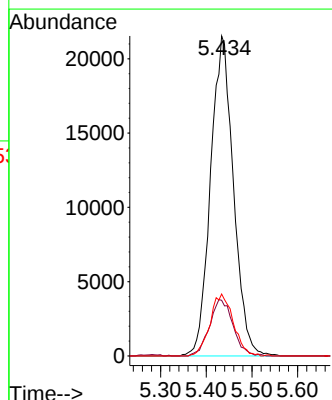
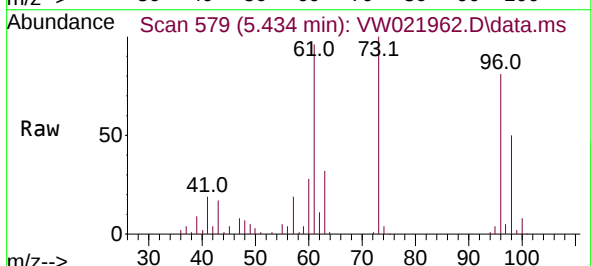
Tgt Ion: 73 Resp: 74937

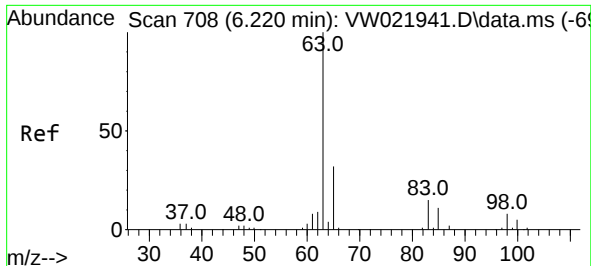
Ion Ratio Lower Upper

73 100

43 18.0 19.5 29.3#

57 19.7 19.3 28.9

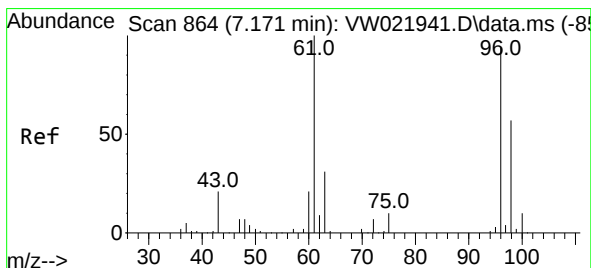
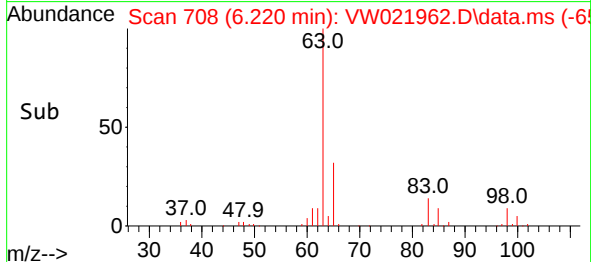
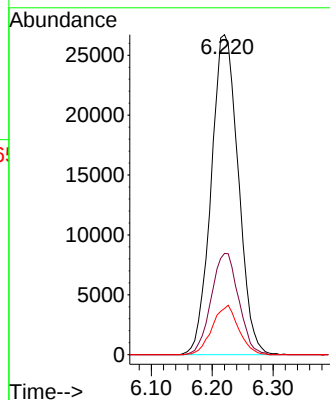
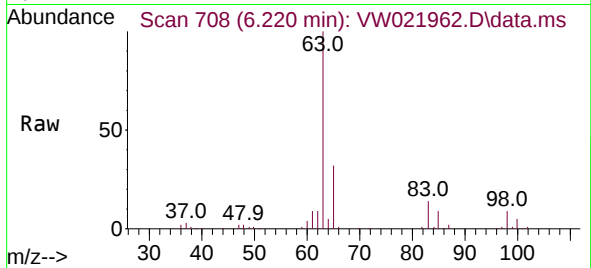




#19
1,1-Dichloroethane
Concen: 25.123 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

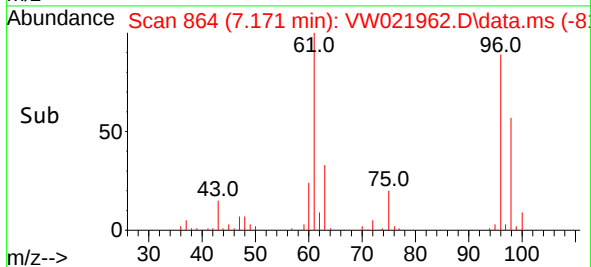
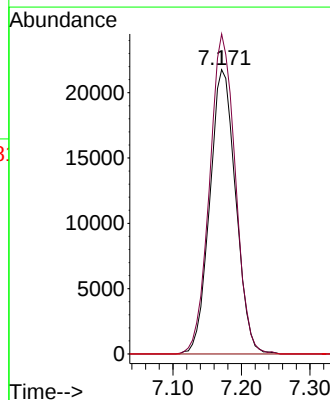
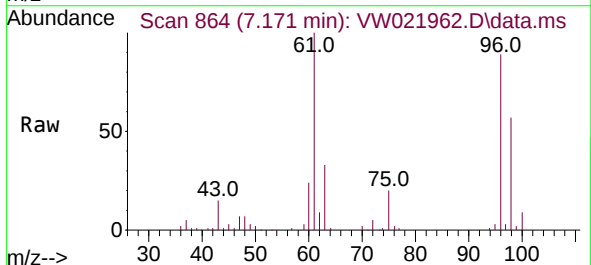
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

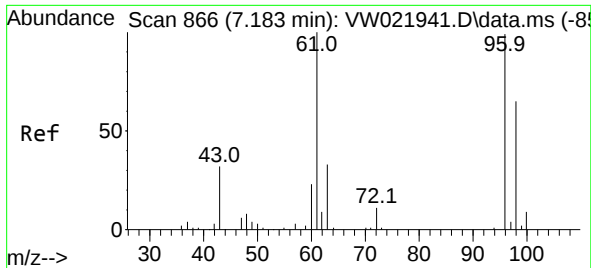
Tgt Ion: 63 Resp: 82721
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 14.4 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 24.758 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 96 Resp: 57183
Ion Ratio Lower Upper
96 100
61 112.5 103.7 192.7
68 0.0 0.0 0.0

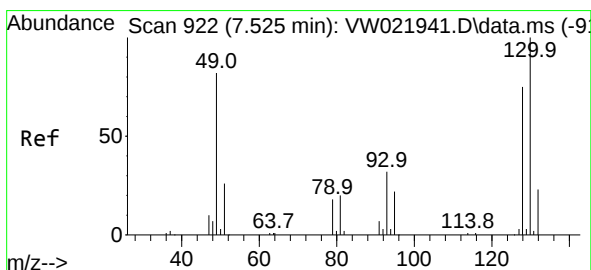
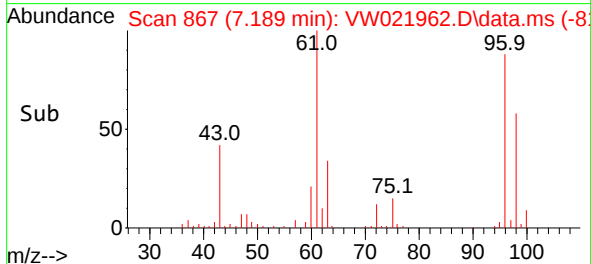
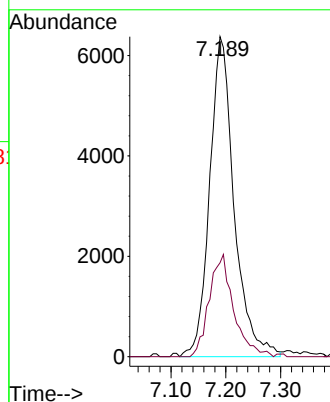
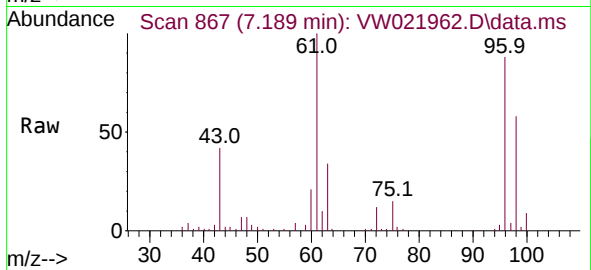




#22
2-Butanone
Concen: 51.212 ug/L
RT: 7.189 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

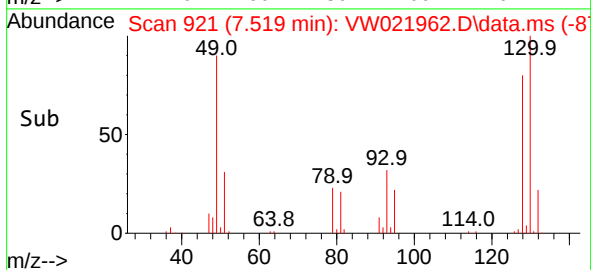
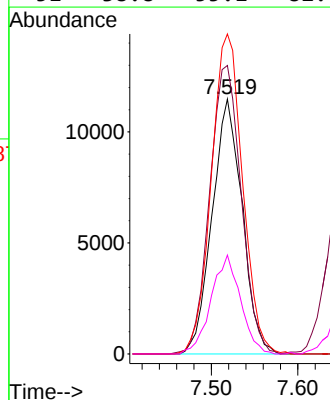
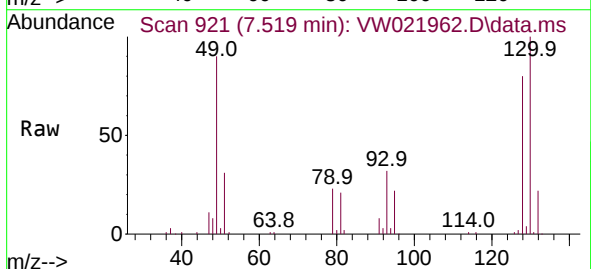
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

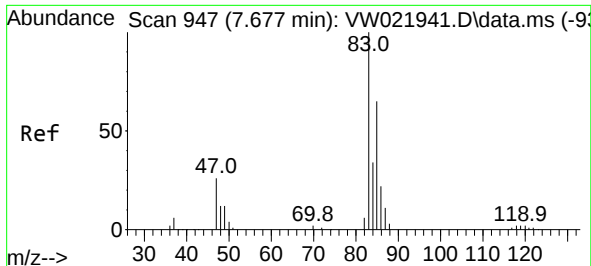
Tgt Ion: 43 Resp: 19750
Ion Ratio Lower Upper
43 100
72 31.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.119 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 128 Resp: 27719
Ion Ratio Lower Upper
128 100
49 113.2 150.3 279.1#
130 125.5 88.3 163.9
51 38.8 55.1 82.7#

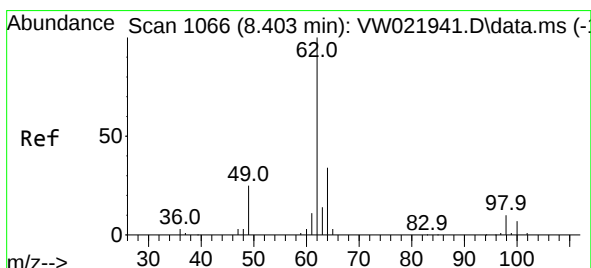
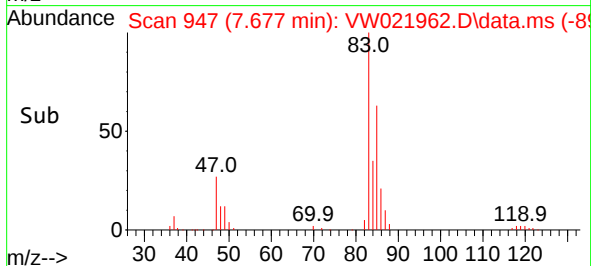
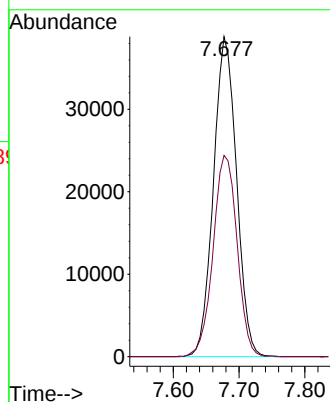
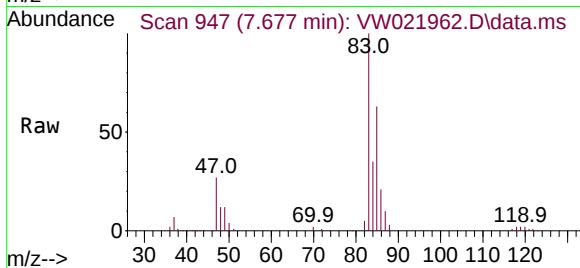




#25
Chloroform
Concen: 24.374 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

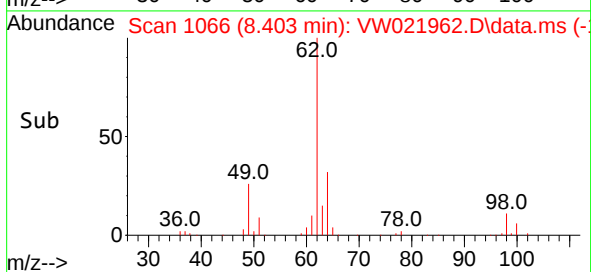
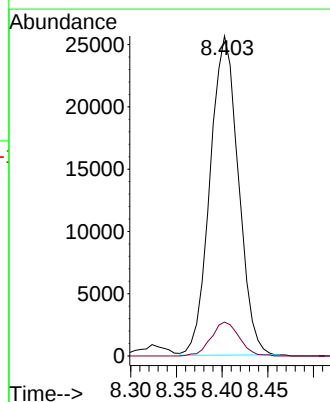
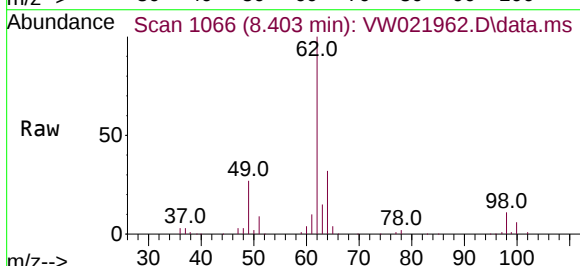
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

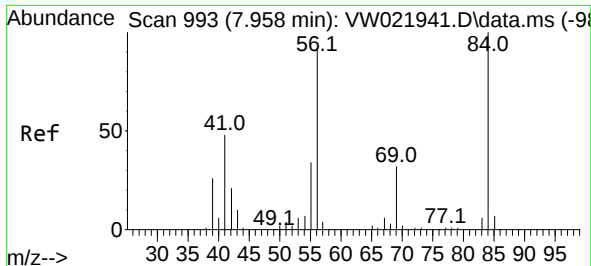
Tgt Ion: 83 Resp: 94960
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.506 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 62 Resp: 55287
Ion Ratio Lower Upper
62 100
98 10.6 6.5 9.7#





#29

Cyclohexane

Concen: 24.693 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

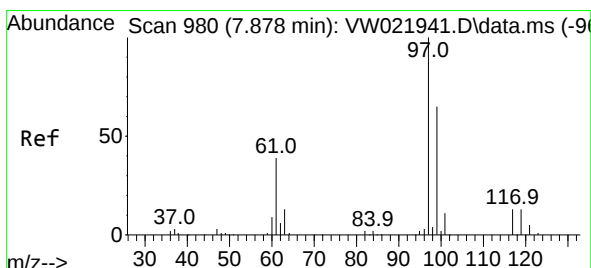
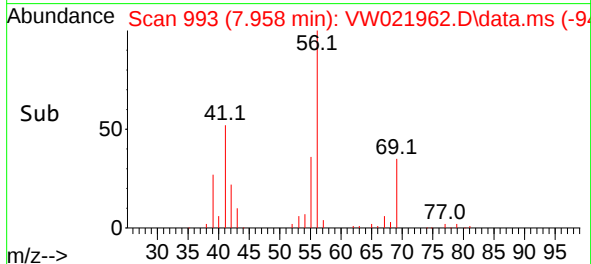
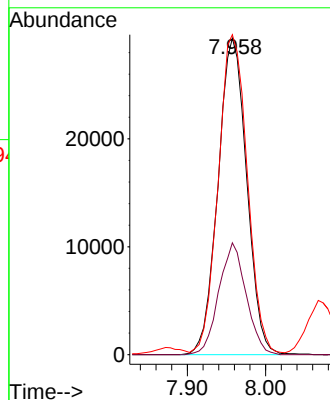
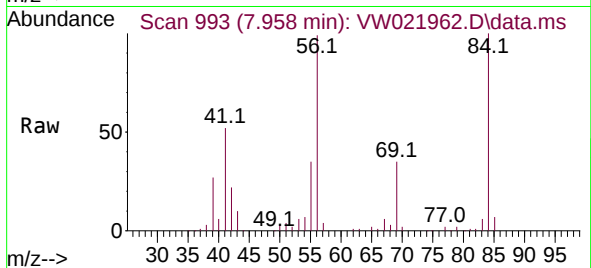
Tgt Ion: 56 Resp: 74506

Ion Ratio Lower Upper

56 100

69 33.6 23.5 35.3

84 103.0 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.365 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

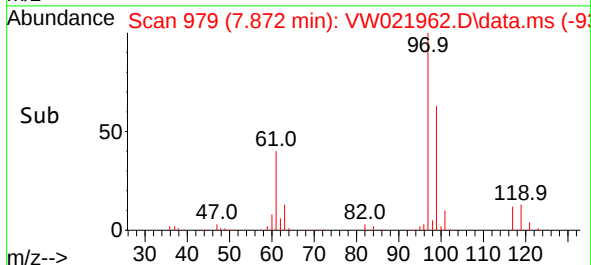
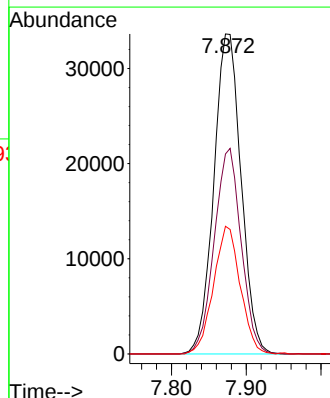
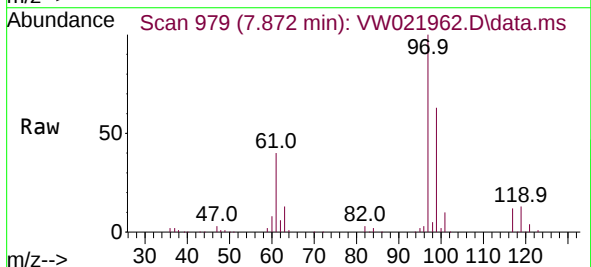
Tgt Ion: 97 Resp: 85180

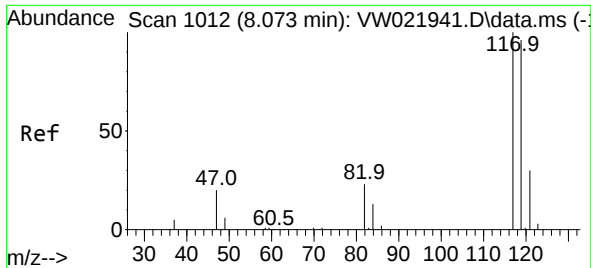
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 39.1 40.9 61.3#

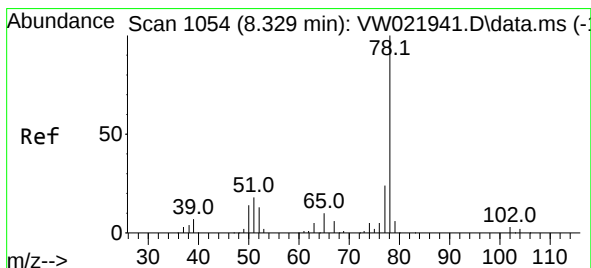
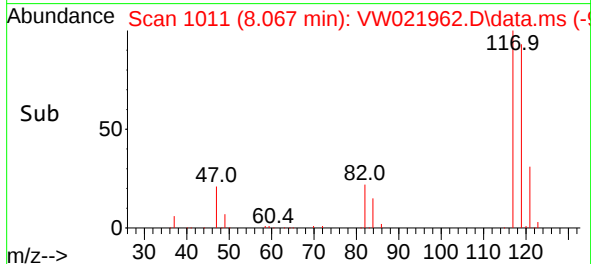
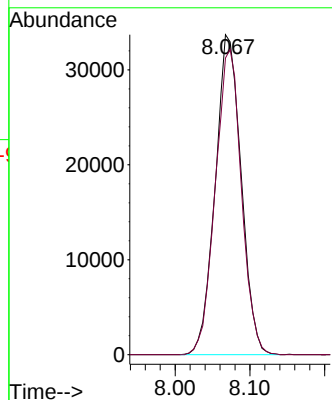
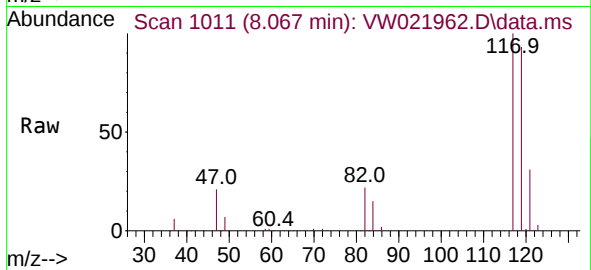




#31
Carbon tetrachloride
Concen: 23.998 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

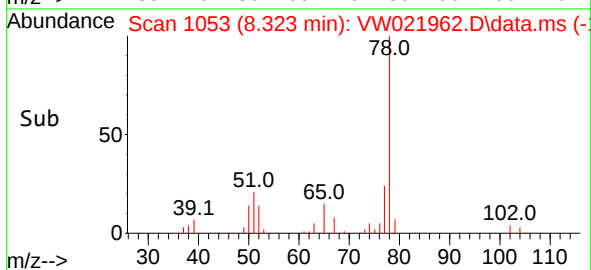
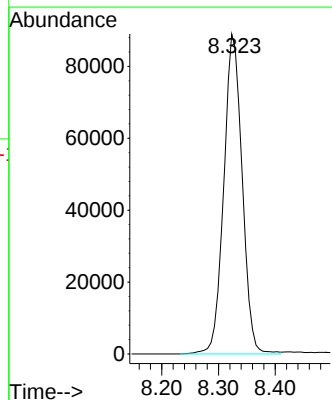
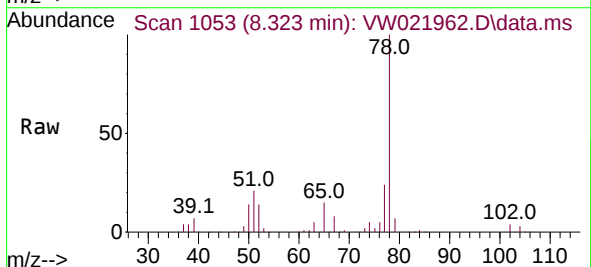
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

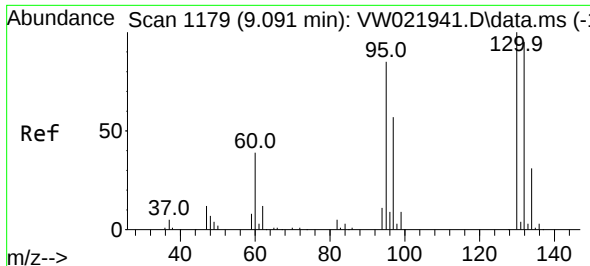
Tgt Ion:117 Resp: 81302
Ion Ratio Lower Upper
117 100
119 96.1 75.7 113.5



#33
Benzene
Concen: 24.283 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 78 Resp: 200831

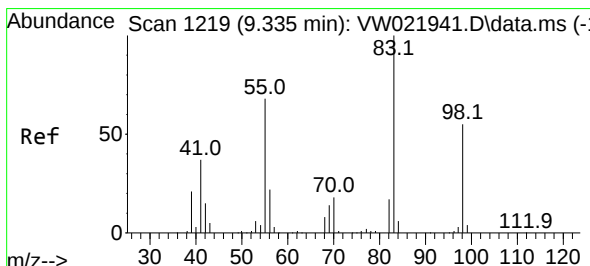
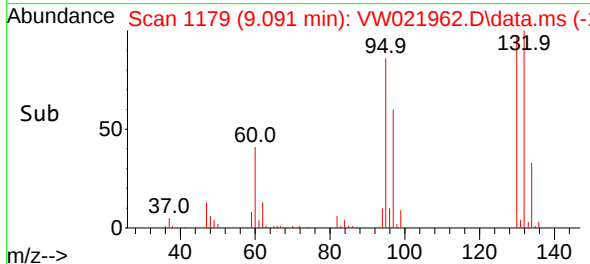
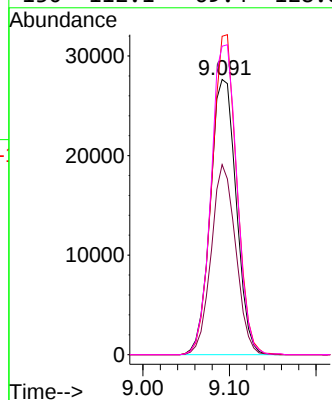
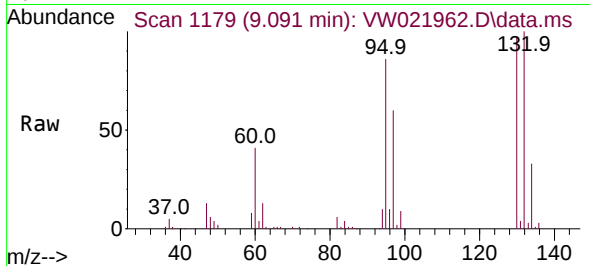




#34
Trichloroethene
Concen: 23.952 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

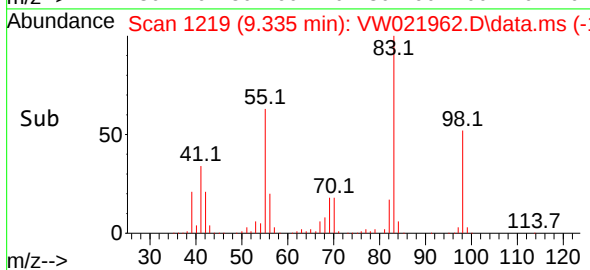
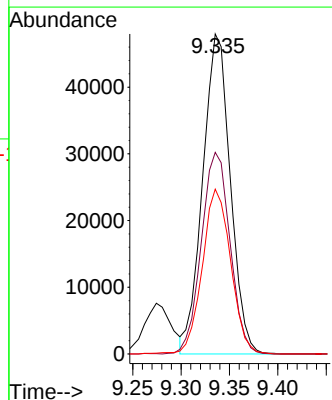
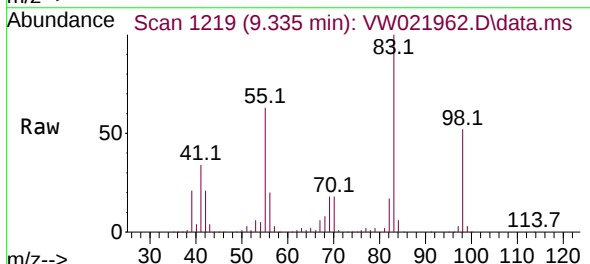
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

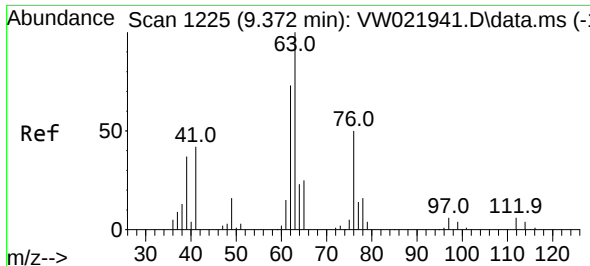
Tgt Ion:	95	Resp:	57471
Ion	Ratio	Lower	Upper
95	100		
97	69.1	47.0	87.2
132	115.7	65.5	121.6
130	112.1	69.4	128.8



#35
Methylcyclohexane
Concen: 24.155 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:	83	Resp:	95311
Ion	Ratio	Lower	Upper
83	100		
55	65.4	70.8	106.2
98	52.8	37.7	56.5





#37

1,2-Dichloropropane

Concen: 24.637 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

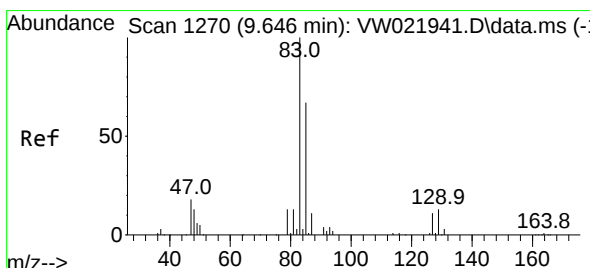
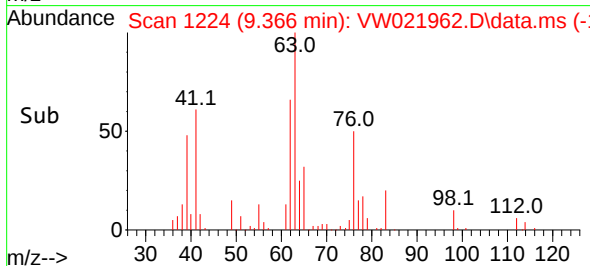
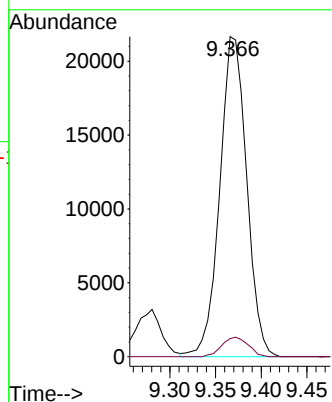
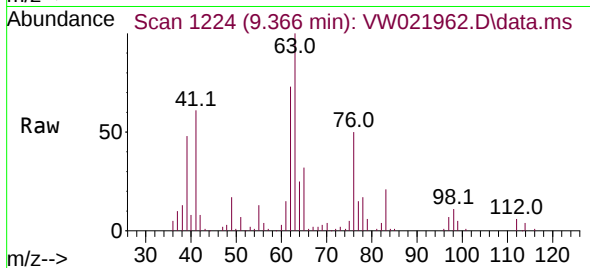
VSTD025541

Tgt Ion: 63 Resp: 44389

Ion Ratio Lower Upper

63 100

112 6.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.281 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

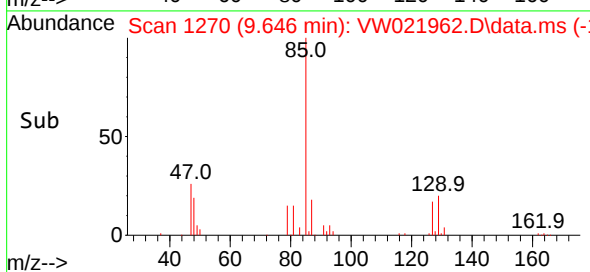
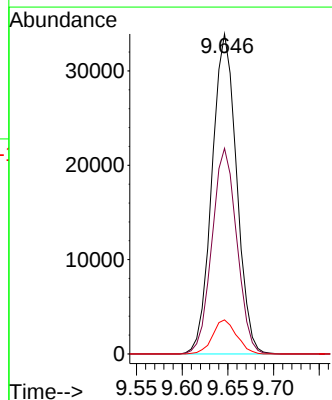
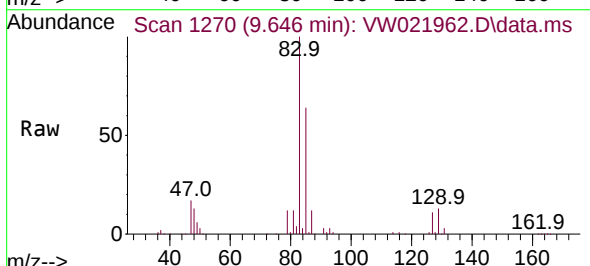
Tgt Ion: 83 Resp: 63587

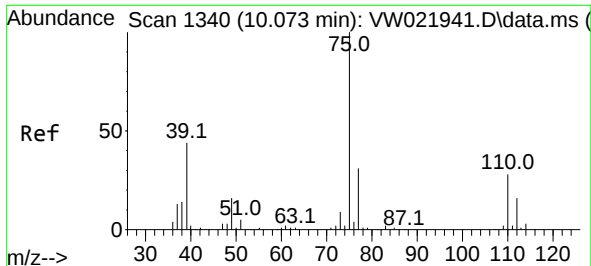
Ion Ratio Lower Upper

83 100

85 64.2 44.1 81.9

127 10.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.695 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

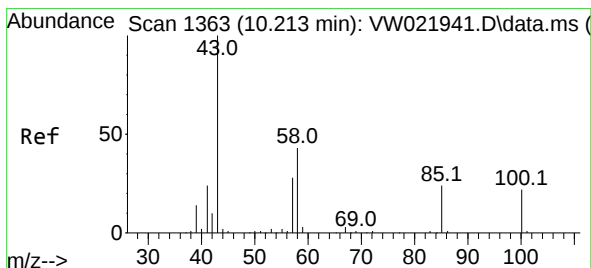
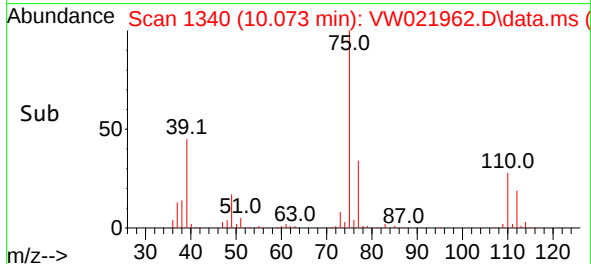
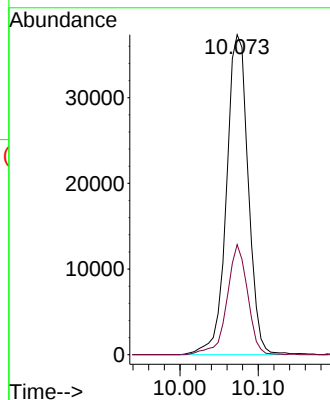
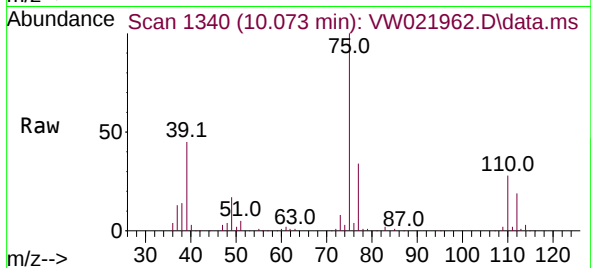
VSTD025541

Tgt Ion: 75 Resp: 71935

Ion Ratio Lower Upper

75 100

77 34.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 55.365 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

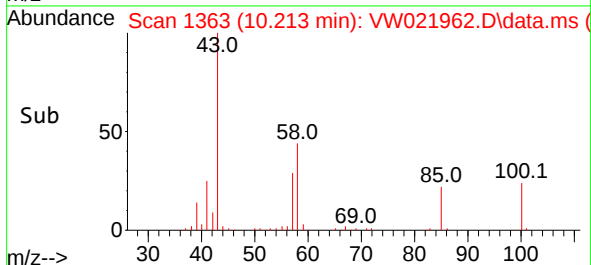
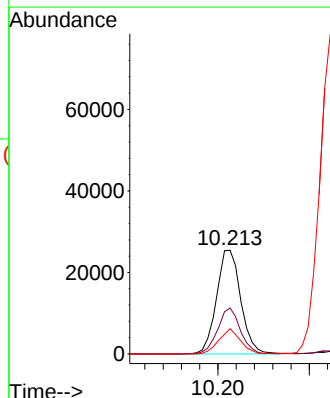
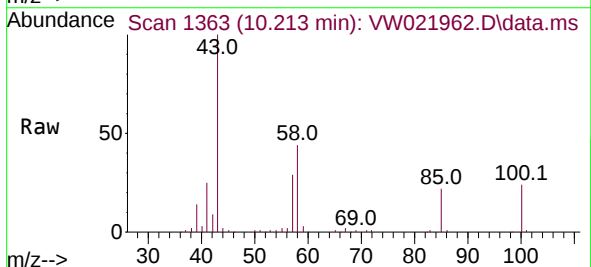
Tgt Ion: 43 Resp: 46859

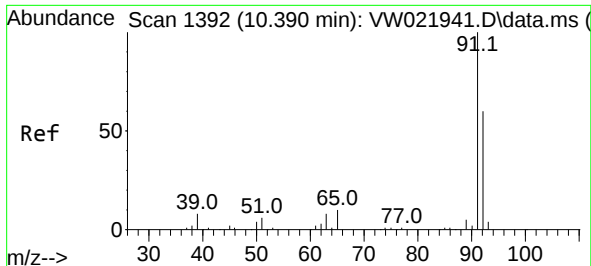
Ion Ratio Lower Upper

43 100

58 41.4 28.8 43.2

100 21.5 10.0 15.0





#42

Toluene

Concen: 24.742 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

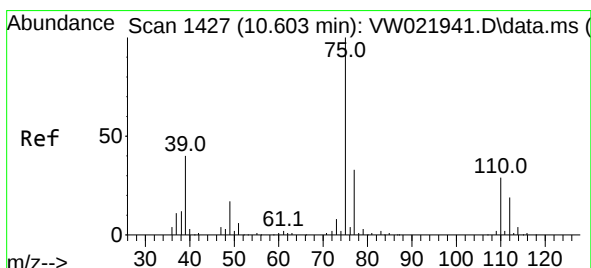
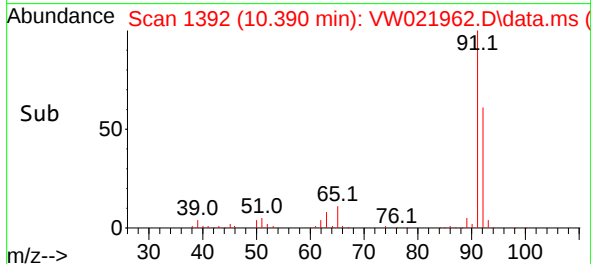
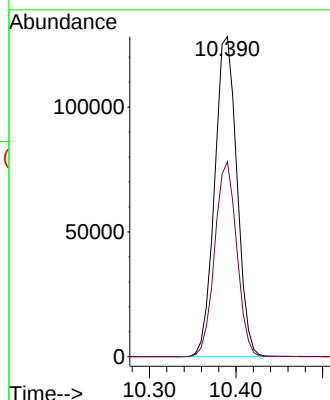
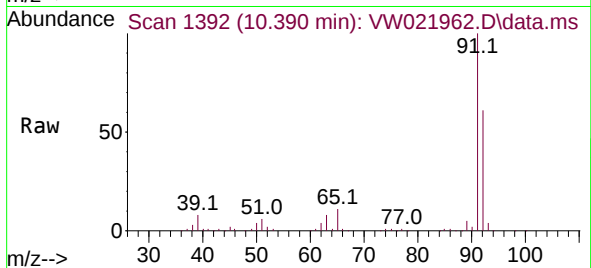
VSTD025541

Tgt Ion: 91 Resp: 229504

Ion Ratio Lower Upper

91 100

92 61.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 27.217 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW021962.D

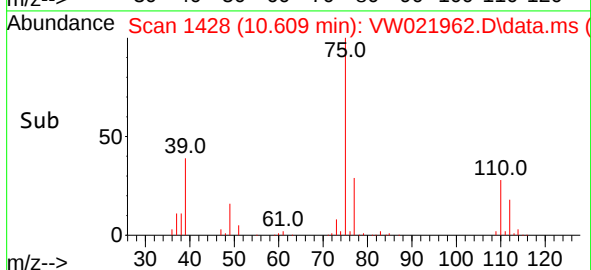
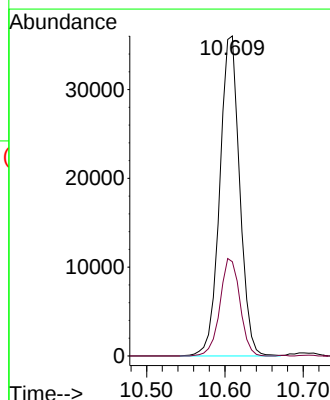
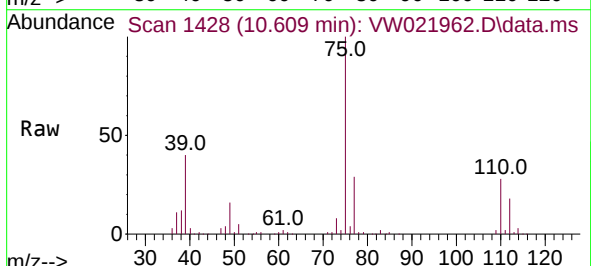
Acq: 15 Jan 2022 22:14

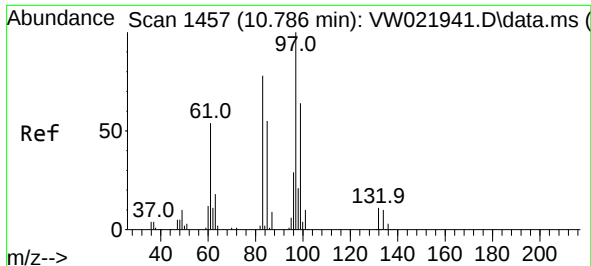
Tgt Ion: 75 Resp: 63776

Ion Ratio Lower Upper

75 100

77 29.5 22.2 41.2

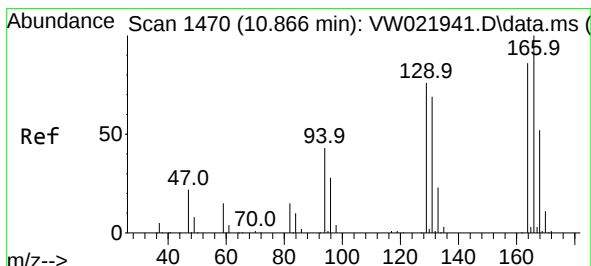
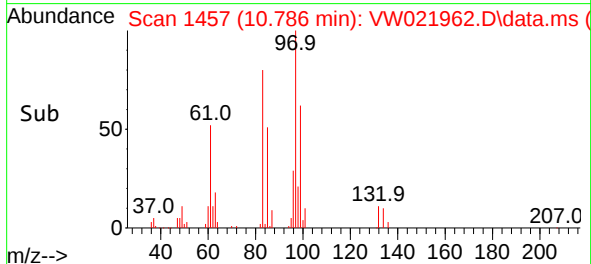
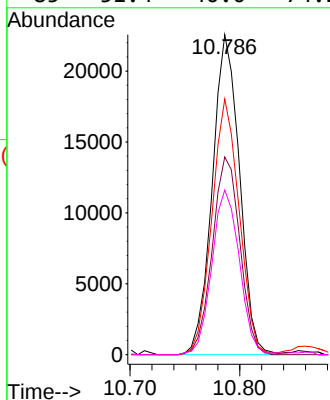
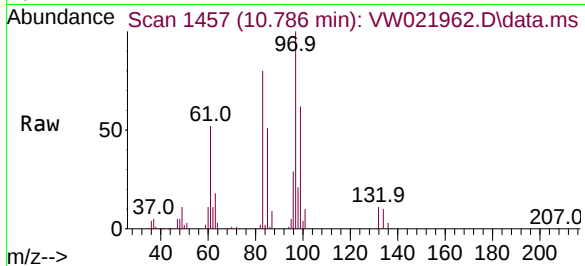




#45
1,1,2-Trichloroethane
Concen: 25.398 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

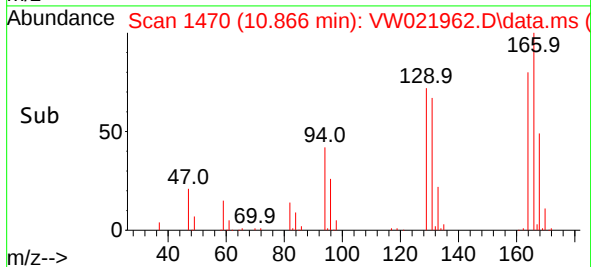
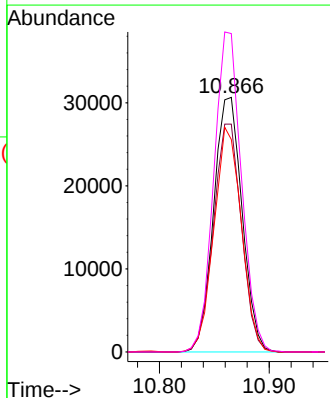
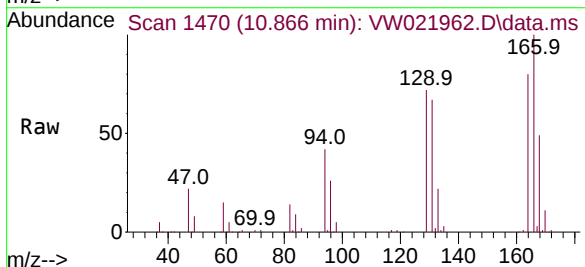
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

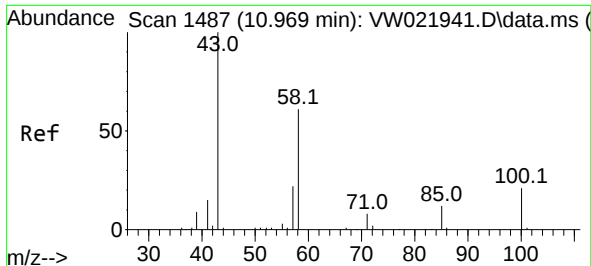
Tgt Ion:	97	Resp:	38851
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	79.8
83	79.9	62.6	116.3
85	51.4	40.0	74.2



#46
Tetrachloroethene
Concen: 23.342 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:	164	Resp:	55383
Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.5	121.7
131	83.5	59.7	110.9
166	125.1	88.7	164.7

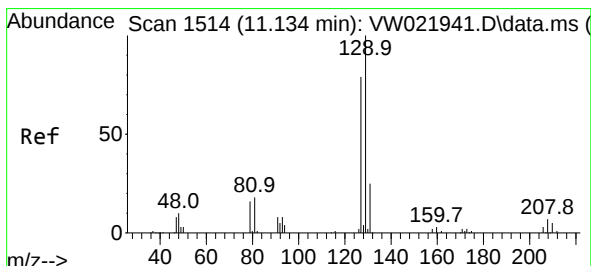
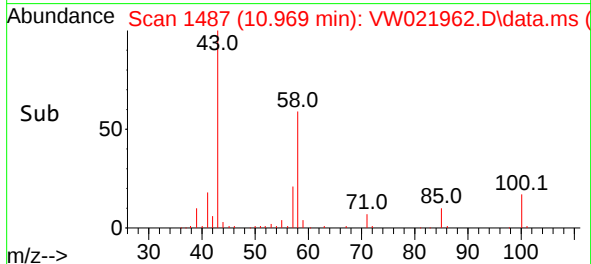
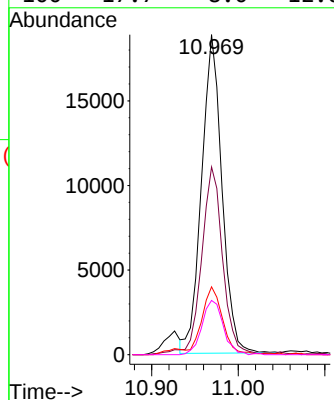
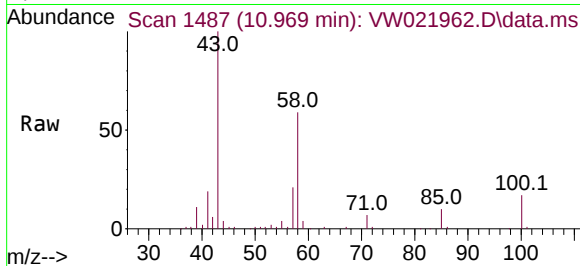




#48
2-Hexanone
Concen: 53.214 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

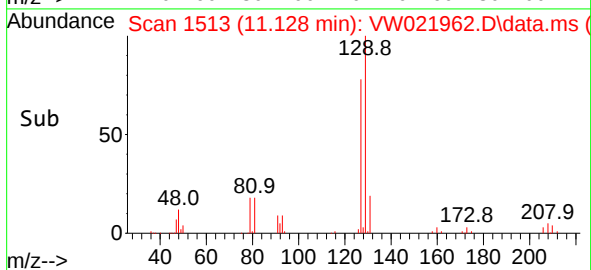
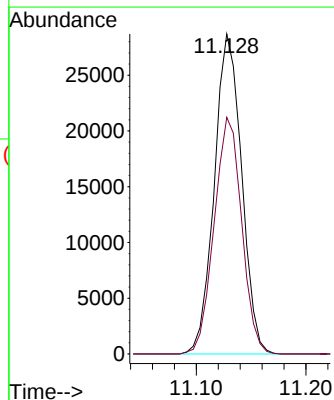
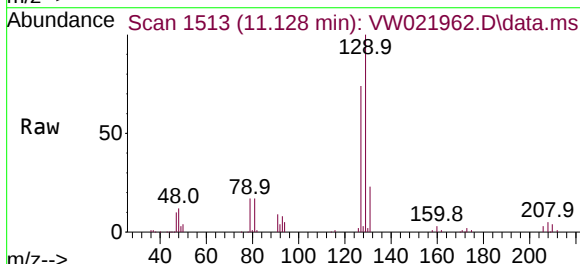
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

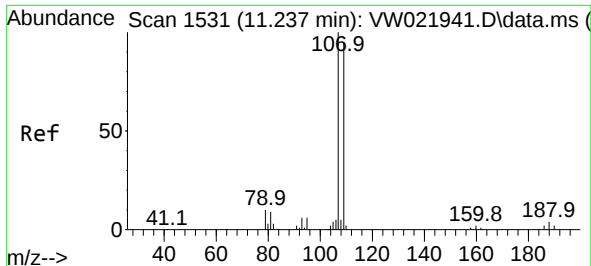
Tgt Ion: 43 Resp: 30816
Ion Ratio Lower Upper
43 100
58 59.7 40.2 60.2
57 21.5 14.3 21.5#
100 17.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.782 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 129 Resp: 49694
Ion Ratio Lower Upper
129 100
127 73.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.389 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

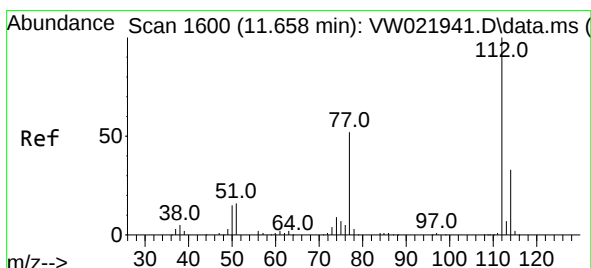
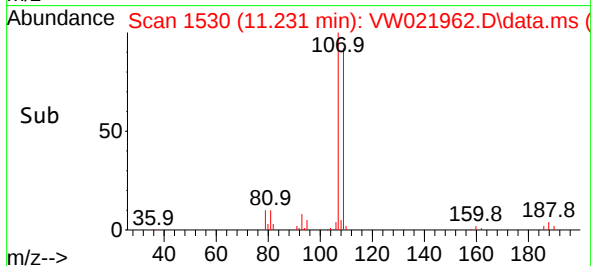
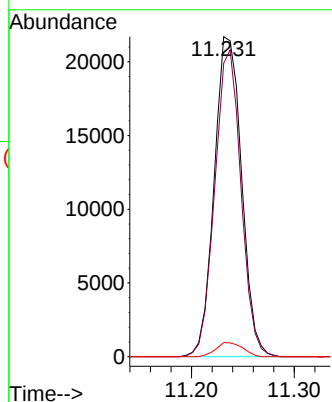
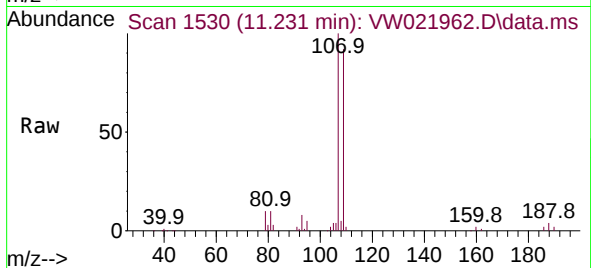
Tgt Ion:107 Resp: 40070

Ion Ratio Lower Upper

107 100

109 91.7 64.1 119.1

188 4.4 2.6 3.8#



#51

Chlorobenzene

Concen: 24.641 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

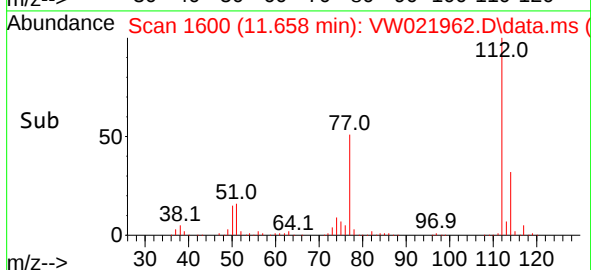
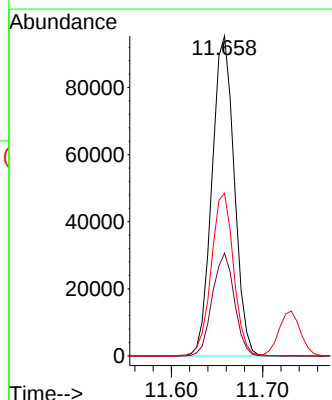
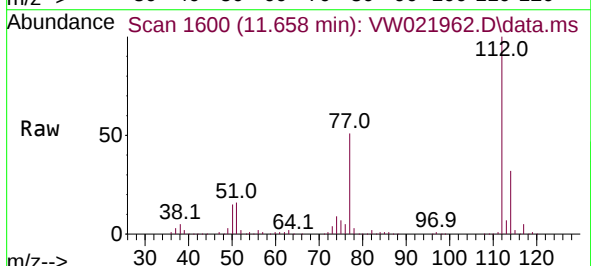
Tgt Ion:112 Resp: 161382

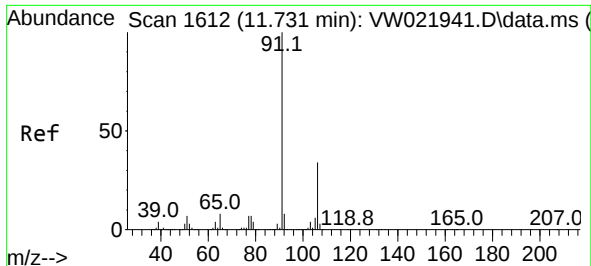
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 50.9 50.2 75.4

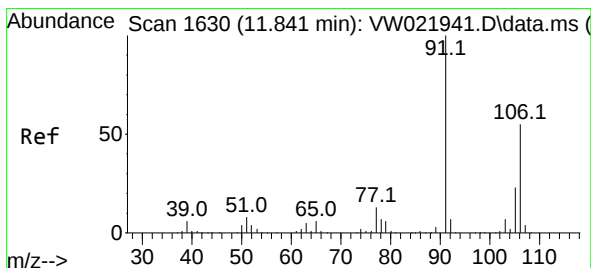
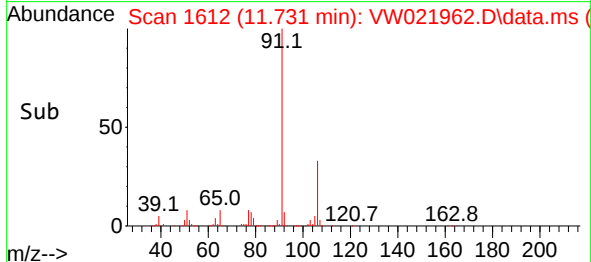
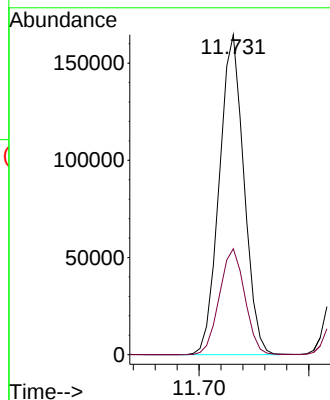
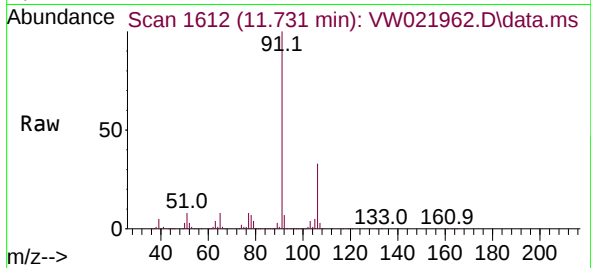




#52
Ethylbenzene
Concen: 24.982 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

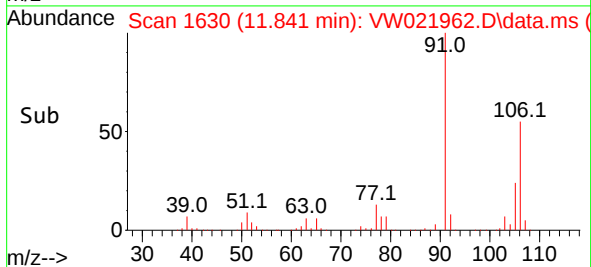
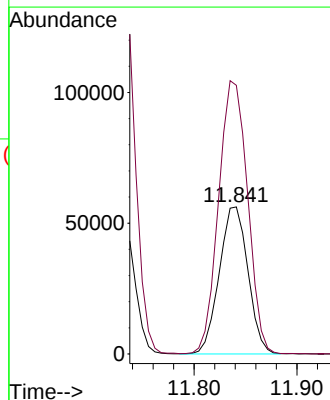
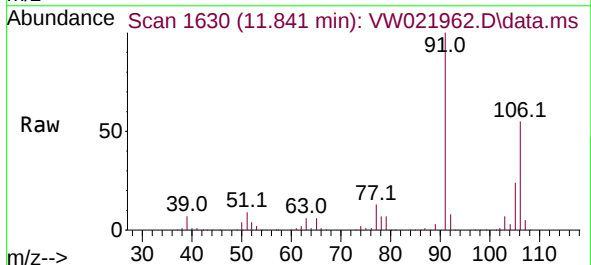
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

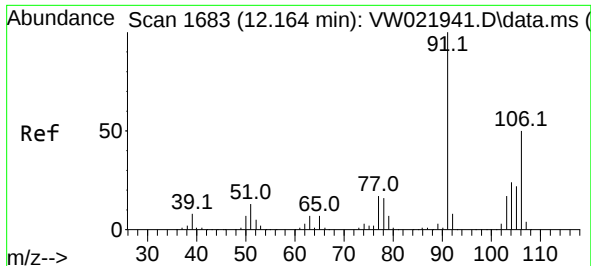
Tgt Ion: 91 Resp: 257425
Ion Ratio Lower Upper
91 100
106 33.1 21.5 39.9



#53
m,p-Xylene
Concen: 25.282 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:106 Resp: 108934
Ion Ratio Lower Upper
106 100
91 182.6 149.9 278.3

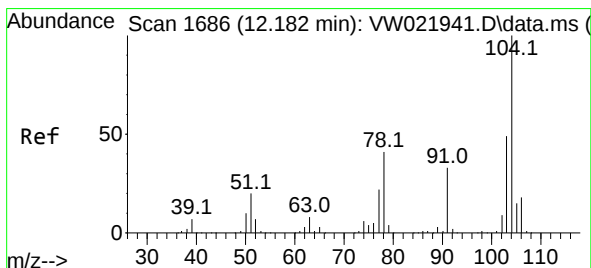
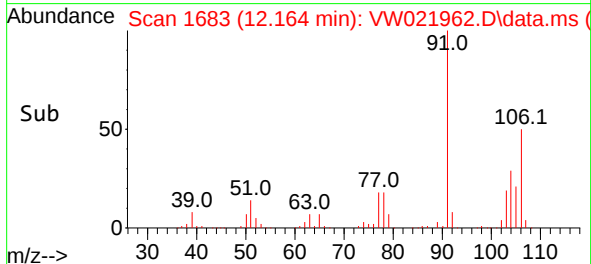
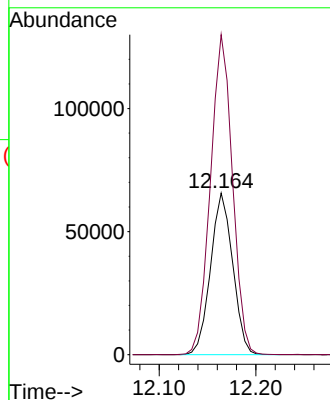
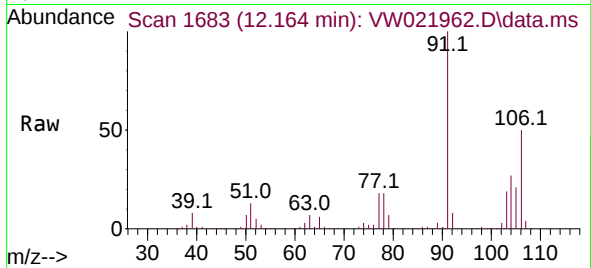




#54
o-Xylene
Concen: 26.168 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

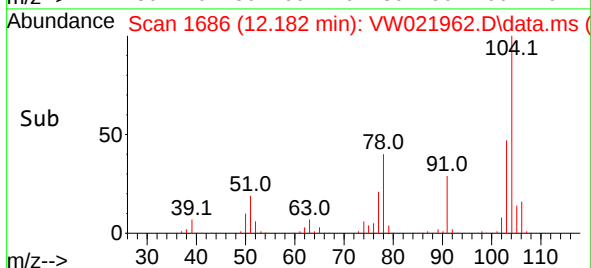
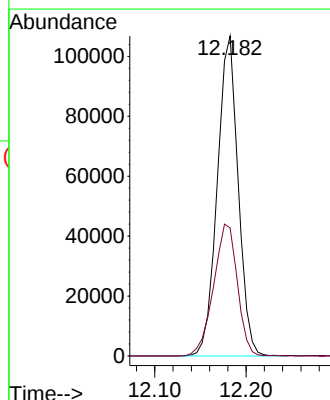
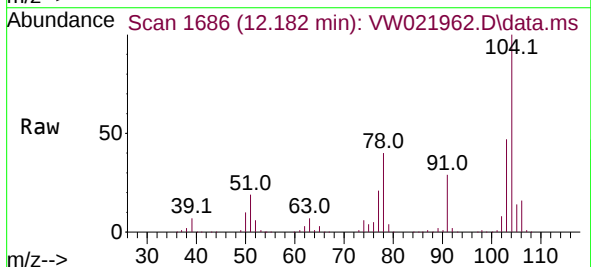
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

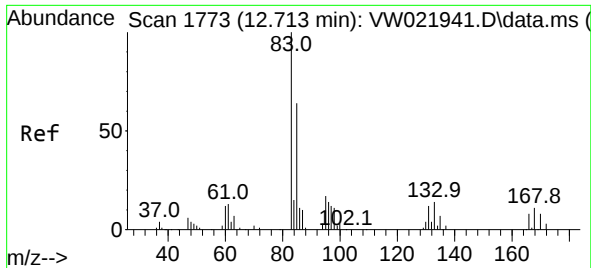
Tgt Ion:106 Resp: 104676
Ion Ratio Lower Upper
106 100
91 198.0 153.6 285.3



#55
Styrene
Concen: 25.707 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:104 Resp: 169770
Ion Ratio Lower Upper
104 100
78 40.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.459 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

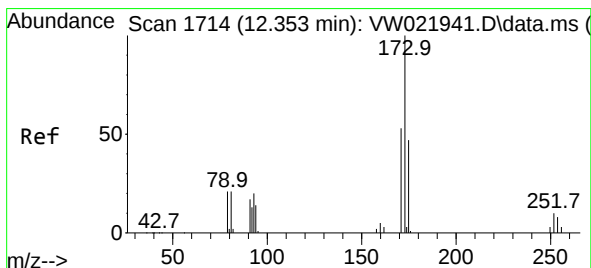
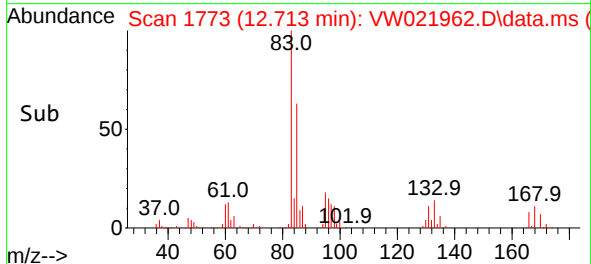
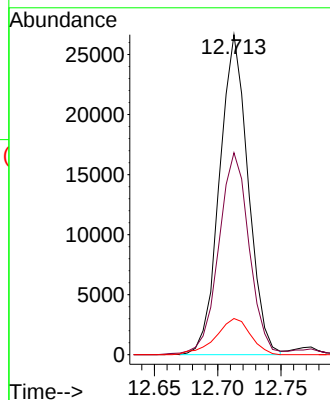
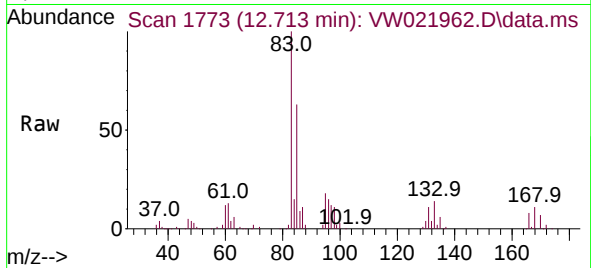
Tgt Ion: 83 Resp: 41903

Ion Ratio Lower Upper

83 100

85 63.1 44.0 81.6

131 11.3 6.9 10.3#



#59

Bromoform

Concen: 23.426 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

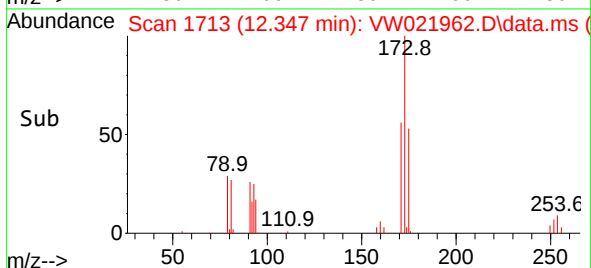
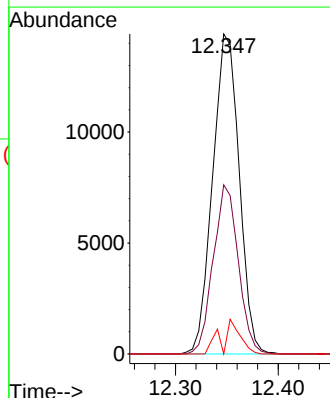
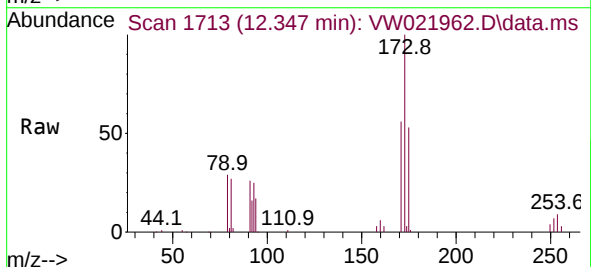
Tgt Ion:173 Resp: 25834

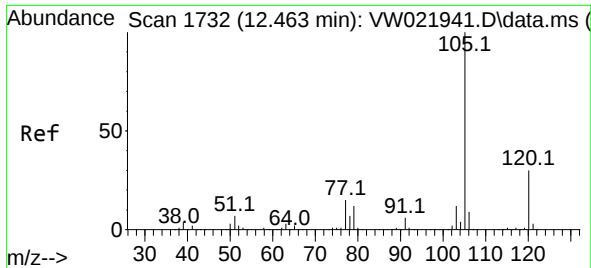
Ion Ratio Lower Upper

173 100

175 49.9 39.6 59.4

254 5.1 7.4 11.0#

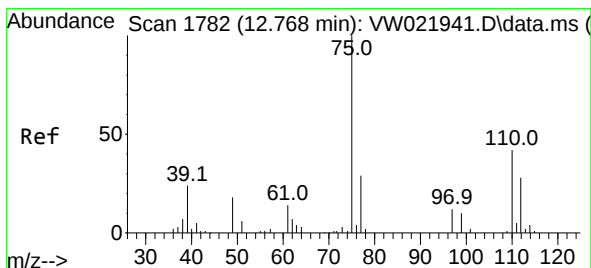
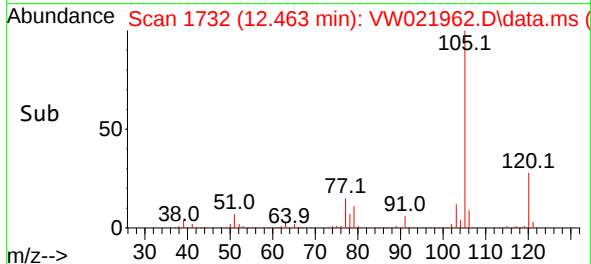
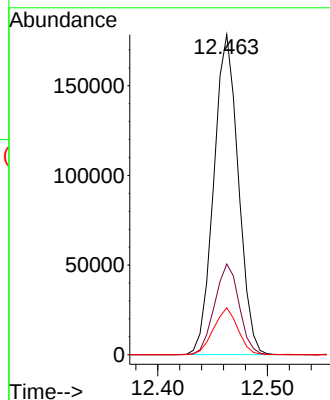
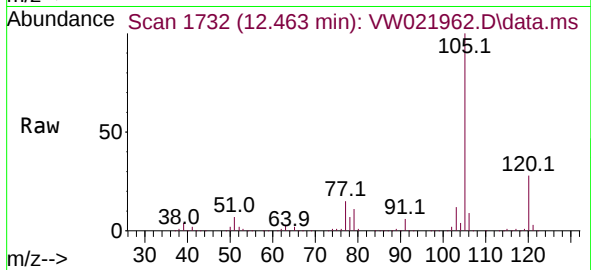




#60
Isopropylbenzene
Concen: 25.213 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

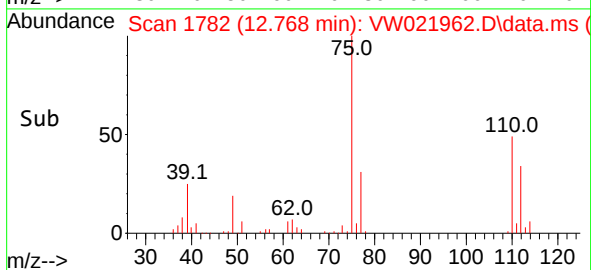
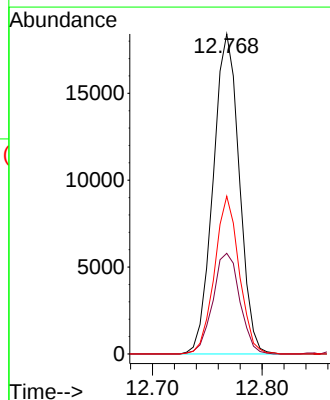
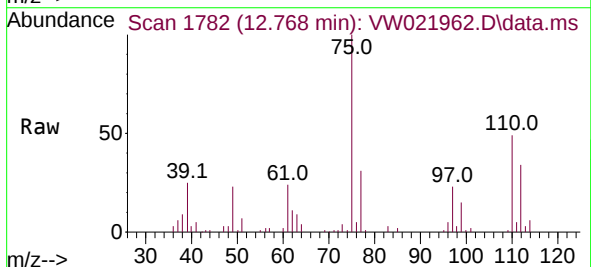
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

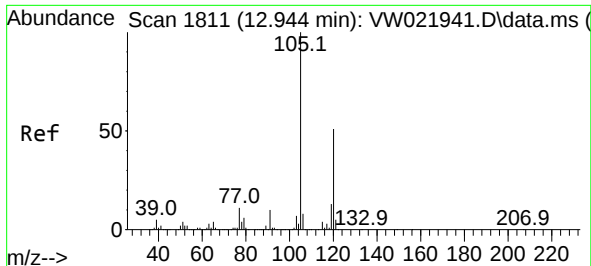
Tgt Ion:105 Resp: 277719
Ion Ratio Lower Upper
105 100
120 28.3 20.1 30.1
77 14.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.414 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion: 75 Resp: 30533
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 46.5 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.884 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

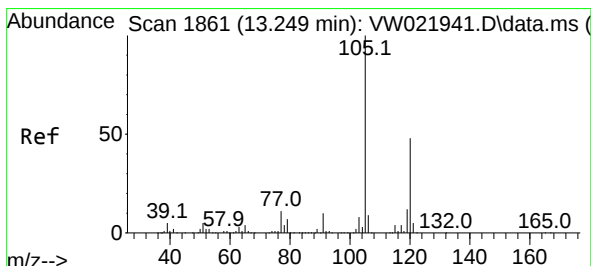
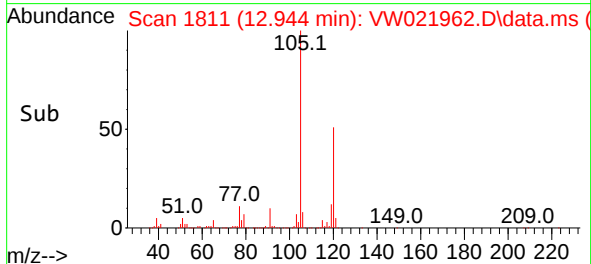
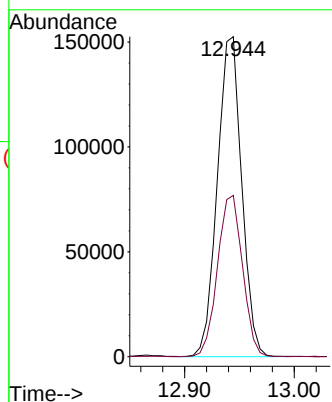
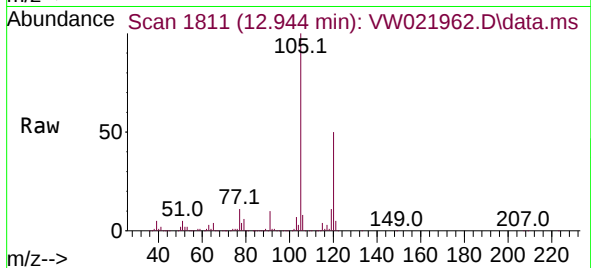
VSTD025541

Tgt Ion:105 Resp: 236093

Ion Ratio Lower Upper

105 100

120 51.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.740 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021962.D

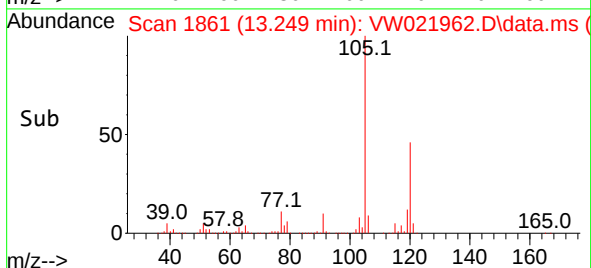
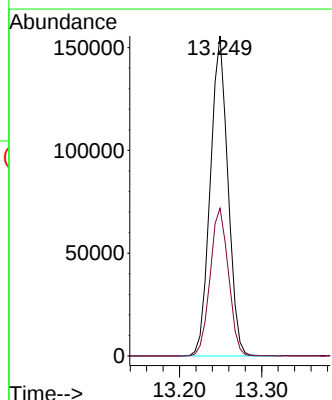
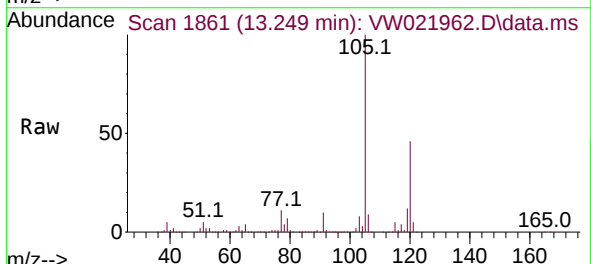
Acq: 15 Jan 2022 22:14

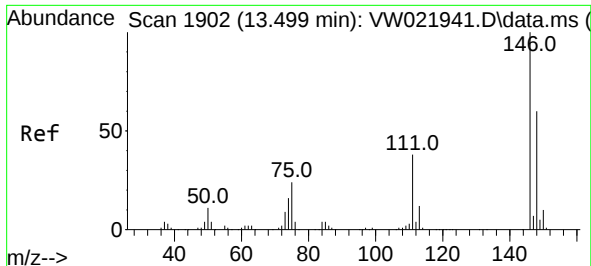
Tgt Ion:105 Resp: 231549

Ion Ratio Lower Upper

105 100

120 47.8 35.0 52.6

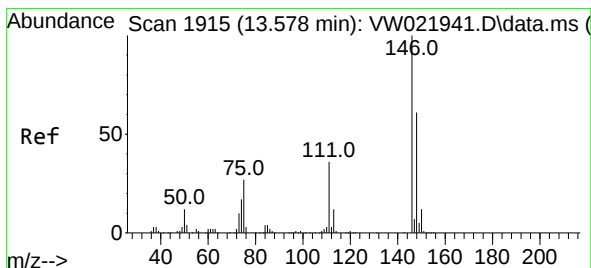
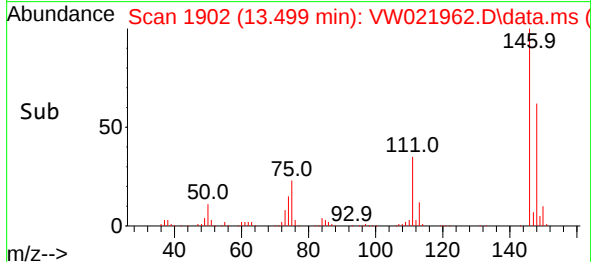
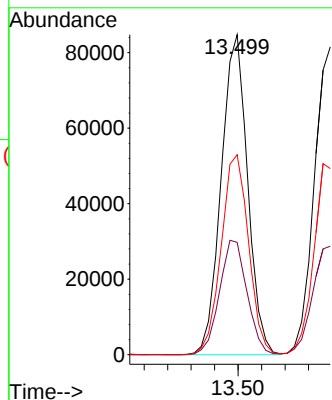
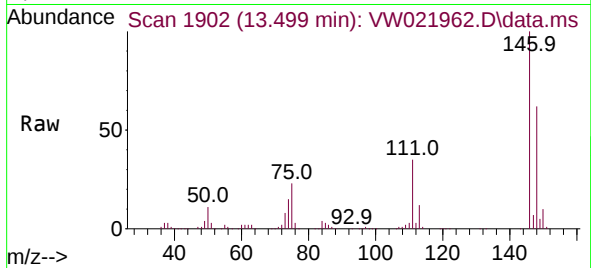




#64
1,3-Dichlorobenzene
Concen: 23.868 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

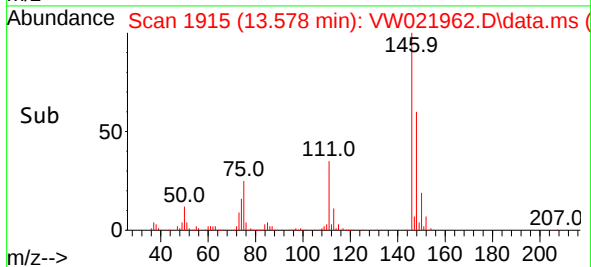
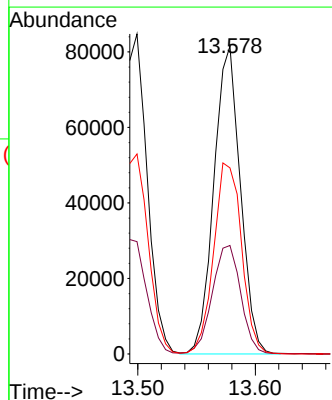
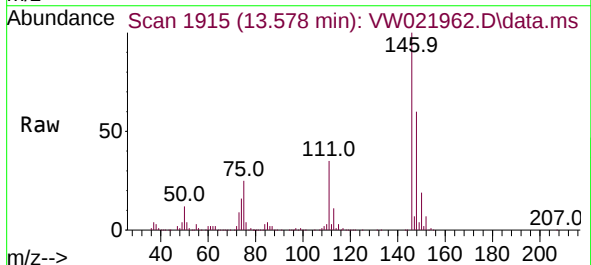
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

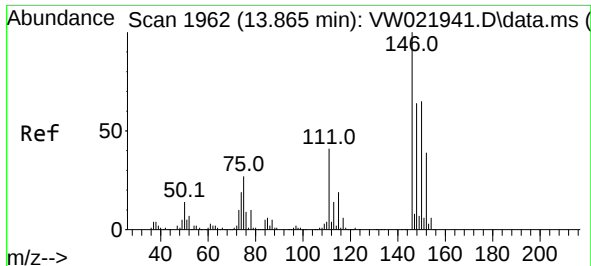
Tgt Ion:146 Resp: 132182
Ion Ratio Lower Upper
146 100
111 35.1 29.8 55.3
148 62.5 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.360 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:146 Resp: 127733
Ion Ratio Lower Upper
146 100
111 35.3 29.0 53.9
148 60.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.743 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

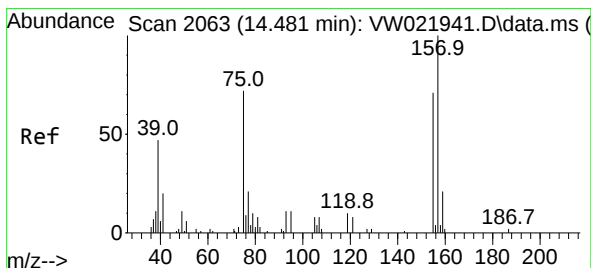
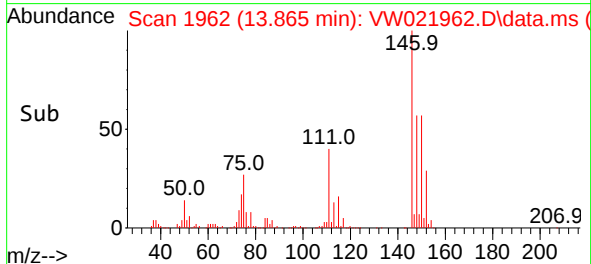
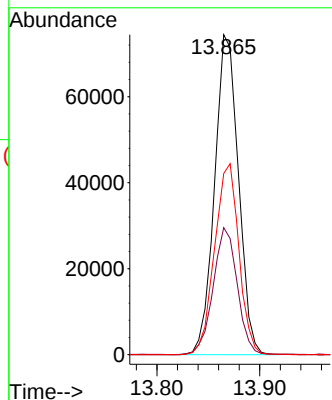
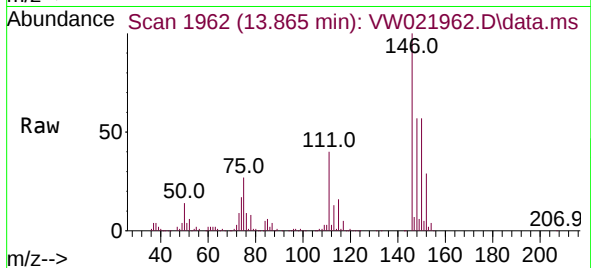
Tgt Ion:146 Resp: 119975

Ion Ratio Lower Upper

146 100

111 39.7 33.1 49.7

148 56.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.775 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

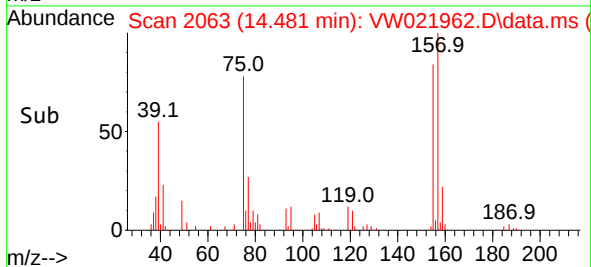
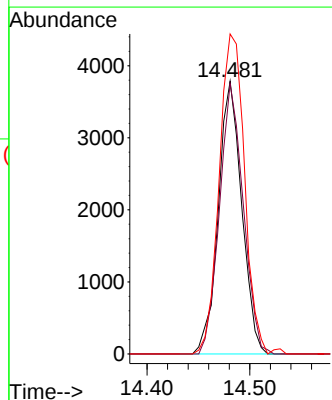
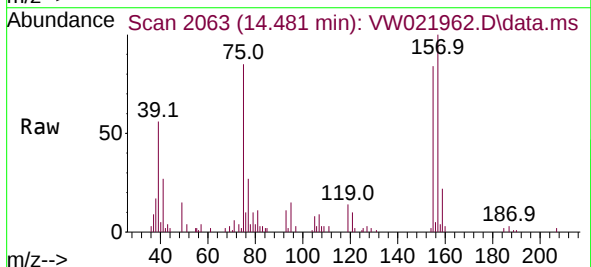
Tgt Ion: 75 Resp: 5977

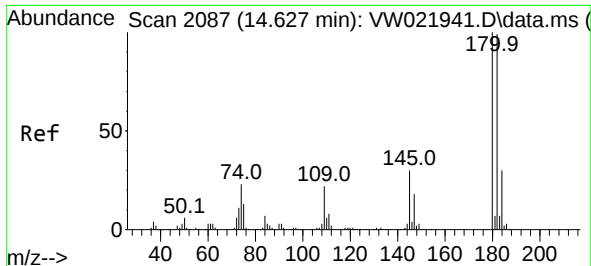
Ion Ratio Lower Upper

75 100

155 99.2 54.2 81.2#

157 117.4 69.4 104.2#

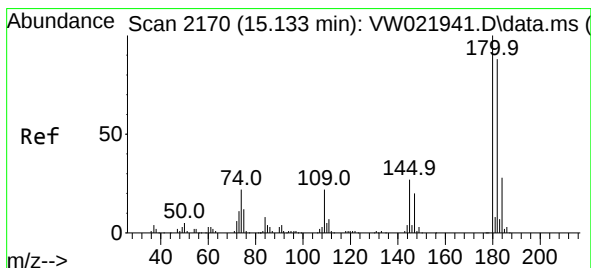
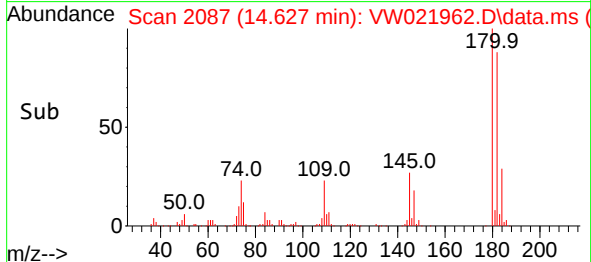
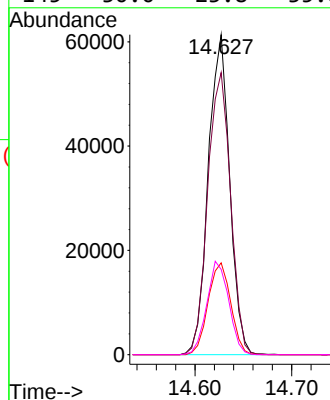
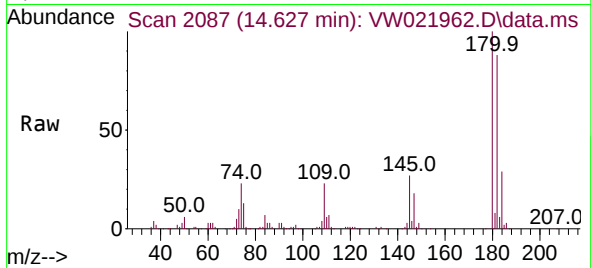




#69
1,3,5-Trichlorobenzene
Concen: 22.914 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

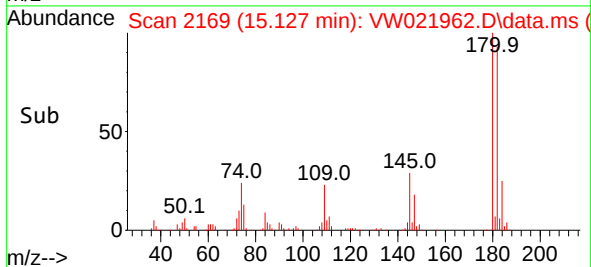
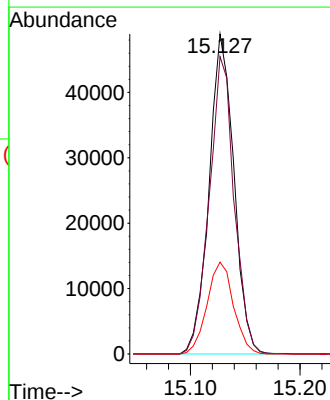
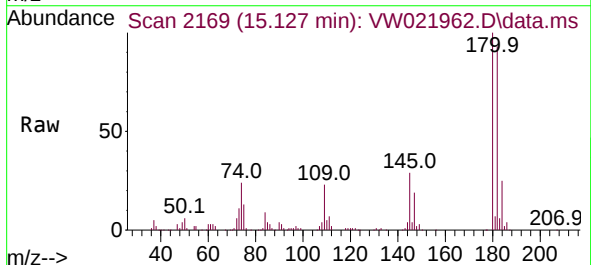
Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

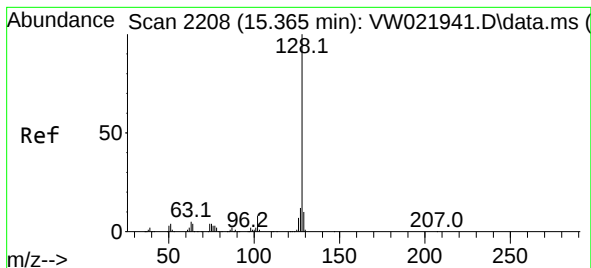
Tgt Ion:180	Resp:	94316
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.4 113.0
184	30.4	23.8 35.8
145	30.0	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.451 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021962.D
Acq: 15 Jan 2022 22:14

Tgt Ion:180	Resp:	76914
Ion Ratio	Lower	Upper
180	100	
182	93.3	79.0 118.6
145	30.6	26.0 39.0





#71

Naphthalene

Concen: 27.456 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Instrument :

MSVOA_W

ClientSampleId :

VSTD025541

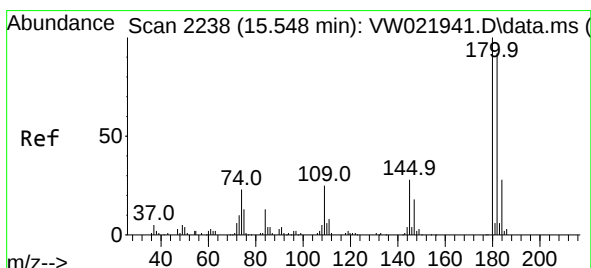
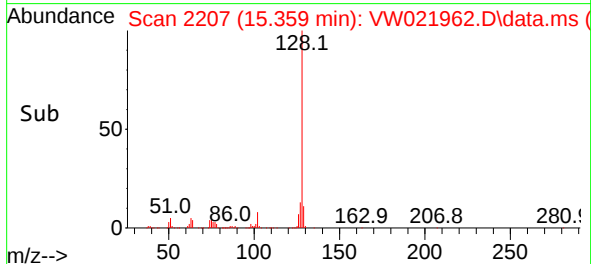
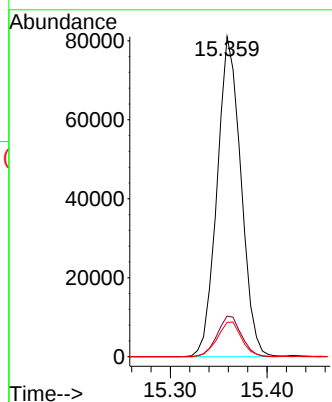
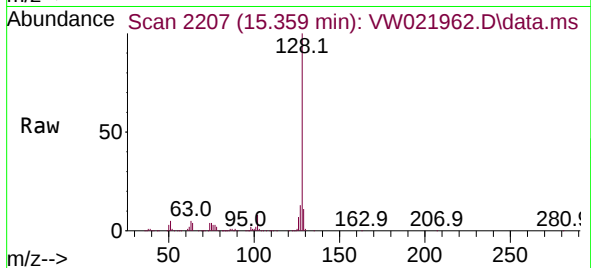
Tgt Ion:128 Resp: 138905

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.937 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021962.D

Acq: 15 Jan 2022 22:14

Tgt Ion:180 Resp: 64832

Ion Ratio Lower Upper

180 100

182 90.4 76.6 114.8

145 31.8 27.4 41.0

