

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011622\
 Data File : VW021941.D
 Acq On : 15 Jan 2022 13:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jan 17 06:18:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	158583	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	153149	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89745	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	63139	21.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.885	69	53129	19.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.840%
11) 1,1-Dichloroethene-d2	4.019	63	110315	23.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.840%
21) 2-Butanone-d5	7.098	46	17779	42.735	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.460%
24) Chloroform-d	7.653	84	121791	23.773	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	8.311	65	54184	21.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	8.281	84	239862	24.137	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	9.274	67	63190	24.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	10.323	98	235941	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	10.579	79	25328	22.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.927	63	15480	43.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.120%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	42396	20.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	87759	23.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9369	14.986	ug/L	97
3) Chloromethane	2.215	50	46018	20.302	ug/L	100
5) Vinyl chloride	2.361	62	64931	19.941	ug/L	94
6) Bromomethane	2.782	94	38964	16.923	ug/L	100
8) Chloroethane	2.922	64	38583	19.606	ug/L	97
9) Trichlorofluoromethane	3.263	101	61652	25.478	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	57503	21.832	ug/L	90
12) 1,1-Dichloroethene	4.044	96	52789	22.301	ug/L	72
13) Acetone	4.160	43	10006	29.111	ug/L	72
14) Carbon disulfide	4.385	76	132064	21.310	ug/L	98
15) Methyl Acetate	4.684	43	12468	17.948	ug/L	# 90
16) Methylene chloride	4.916	84	48867	18.006	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	56335	22.025	ug/L	74
18) Methyl tert-butyl Ether	5.434	73	65977	20.228	ug/L	# 89
19) 1,1-Dichloroethane	6.220	63	84837	22.617	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	58602	22.272	ug/L	66
22) 2-Butanone	7.189	43	16368	37.256	ug/L	76
23) Bromochloromethane	7.519	128	26917	20.559	ug/L	# 59
25) Chloroform	7.683	83	96421	21.725	ug/L	97

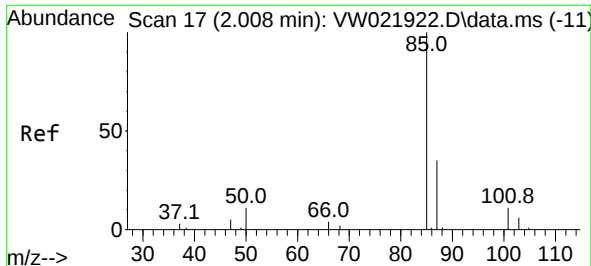
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011622\
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 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	52285	20.343	ug/L #	88
29) Cyclohexane	7.958	56	79985	23.346	ug/L #	75
30) 1,1,1-Trichloroethane	7.878	97	91854	23.139	ug/L #	92
31) Carbon tetrachloride	8.073	117	88779	23.079	ug/L	97
33) Benzene	8.323	78	209010	22.257	ug/L	100
34) Trichloroethene	9.092	95	61369	22.525	ug/L	89
35) Methylcyclohexane	9.335	83	101929	22.750	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	45376	22.180	ug/L #	95
38) Bromodichloromethane	9.646	83	62293	21.812	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	73093	22.993	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	35785	37.236	ug/L #	86
42) Toluene	10.390	91	242541	23.028	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	60490	22.735	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	35485	20.429	ug/L	92
46) Tetrachloroethene	10.860	164	59809	22.200	ug/L	97
48) 2-Hexanone	10.969	43	25178	38.291	ug/L #	90
49) Dibromochloromethane	11.128	129	46452	21.224	ug/L	90
50) 1,2-Dibromoethane	11.238	107	34836	20.205	ug/L #	98
51) Chlorobenzene	11.658	112	164093	22.066	ug/L	89
52) Ethylbenzene	11.731	91	268890	22.981	ug/L	91
53) m,p-Xylene	11.835	106	111425	22.774	ug/L	86
54) o-Xylene	12.164	106	106928	23.542	ug/L	88
55) Styrene	12.182	104	172473	23.000	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	35612	19.055	ug/L #	98
59) Bromoform	12.347	173	24113	19.707	ug/L	97
60) Isopropylbenzene	12.463	105	294737	24.117	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	24528	19.125	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.945	105	243030	24.014	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	238118	23.857	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	133133	21.667	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	133362	21.982	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	114645	21.310	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4468	18.040	ug/L #	45
69) 1,3,5-Trichlorobenzene	14.627	180	101638	22.256	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	77465	21.288	ug/L	94
71) Naphthalene	15.359	128	116612	20.774	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61540	20.479	ug/L	97

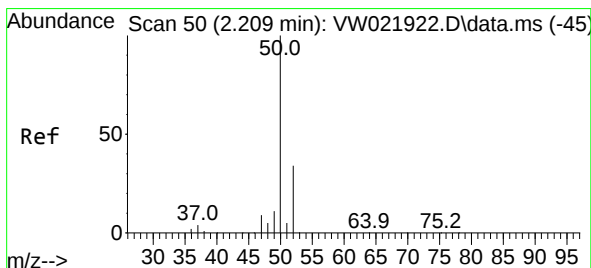
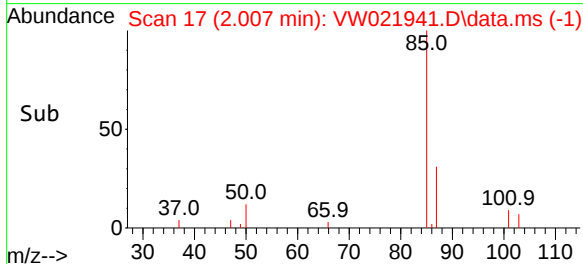
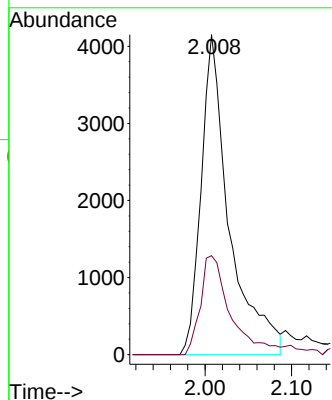
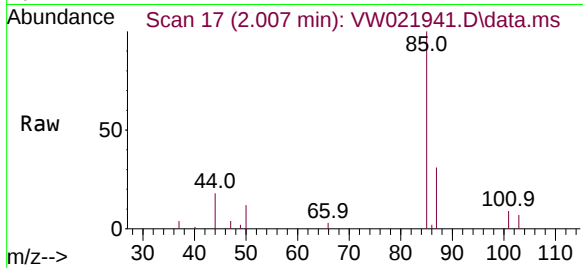
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 14.986 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

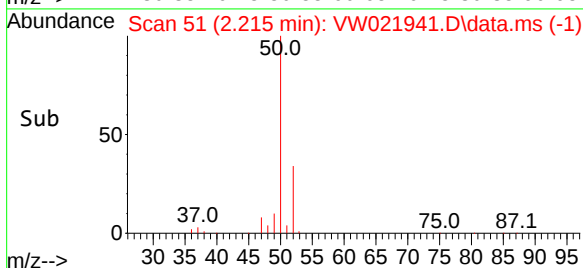
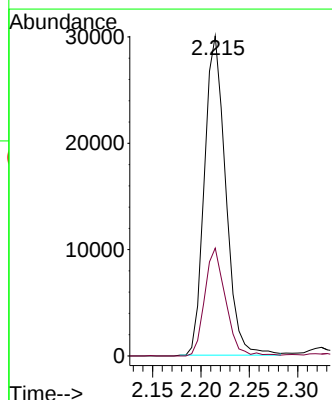
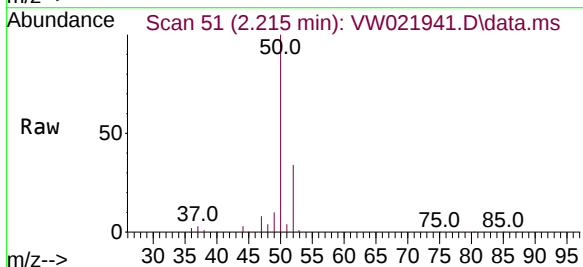
Instrument :
 MSVOA_W
 ClientSampleId :
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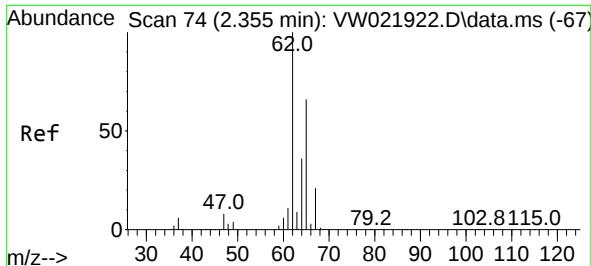
Tgt Ion: 85 Resp: 9369
 Ion Ratio Lower Upper
 85 100
 87 30.6 25.8 38.6



#3
 Chloromethane
 Concen: 20.302 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

Tgt Ion: 50 Resp: 46018
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.4 43.6

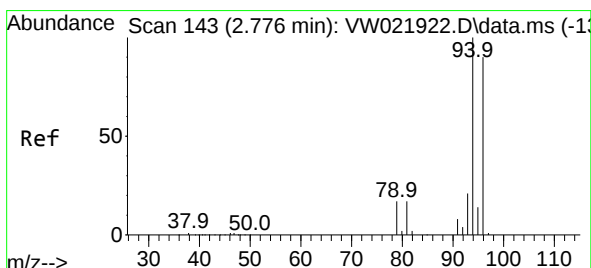
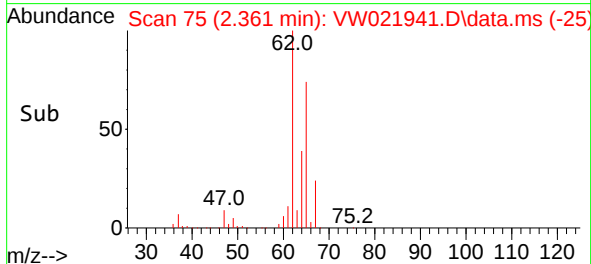
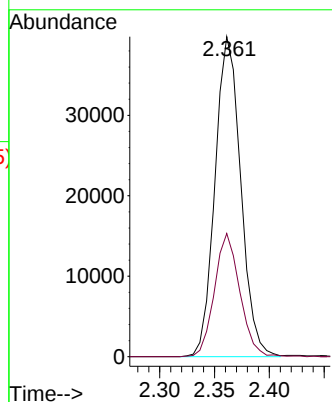
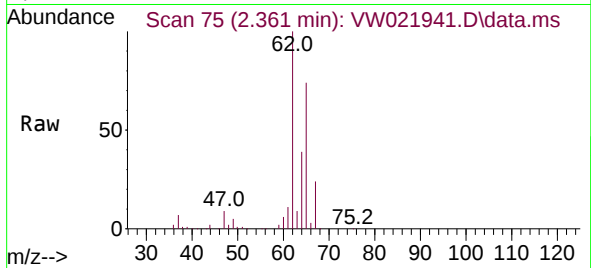




#5
 Vinyl chloride
 Concen: 19.941 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

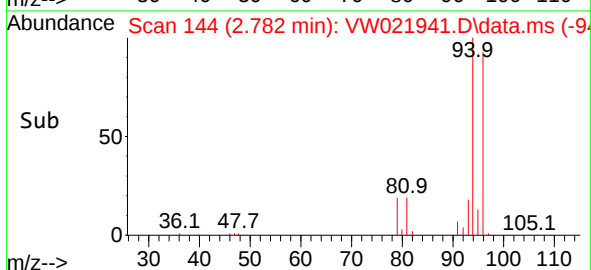
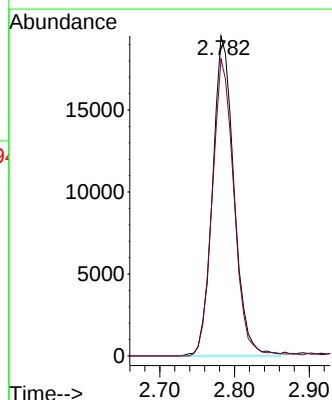
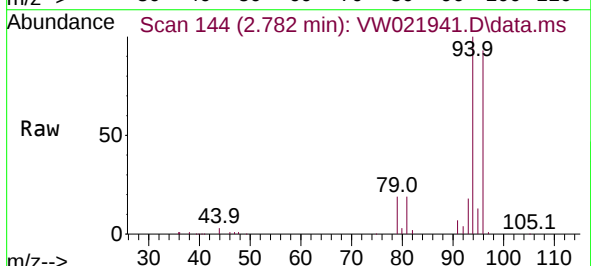
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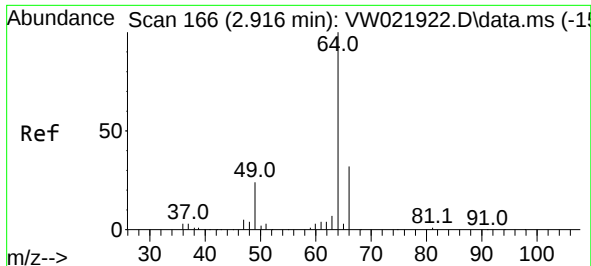
Tgt Ion: 62 Resp: 64931
 Ion Ratio Lower Upper
 62 100
 64 38.5 24.4 45.2



#6
 Bromomethane
 Concen: 16.923 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

Tgt Ion: 94 Resp: 38964
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.8 120.4

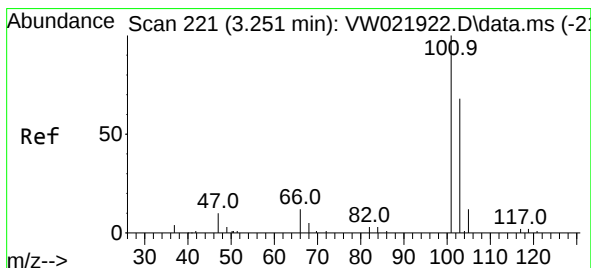
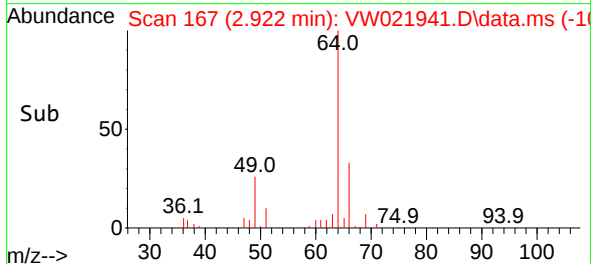
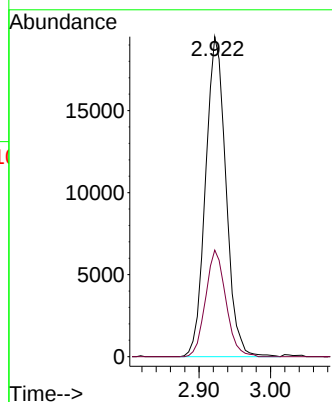
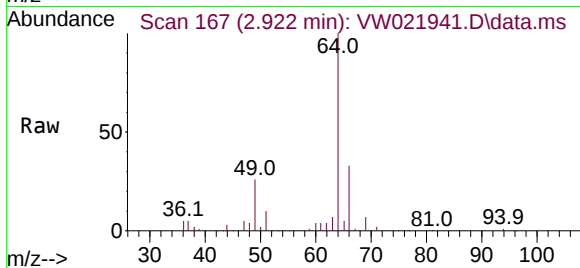




#8
Chloroethane
Concen: 19.606 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

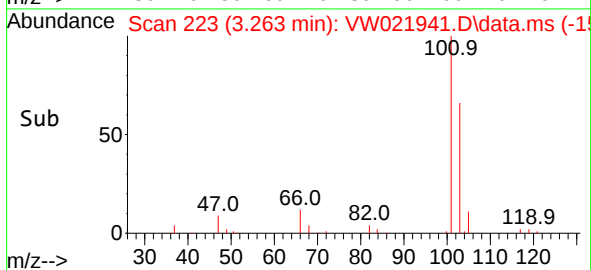
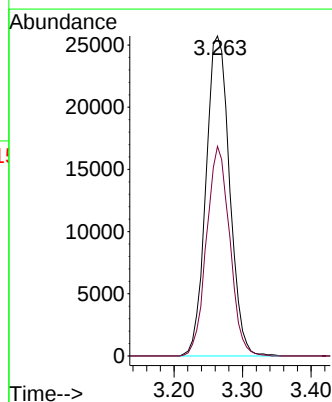
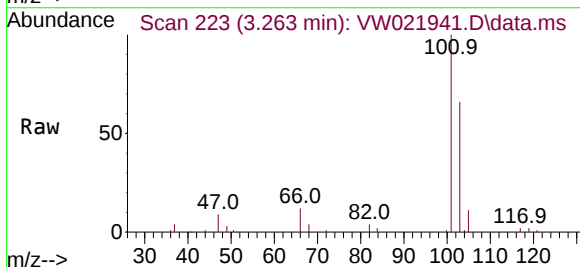
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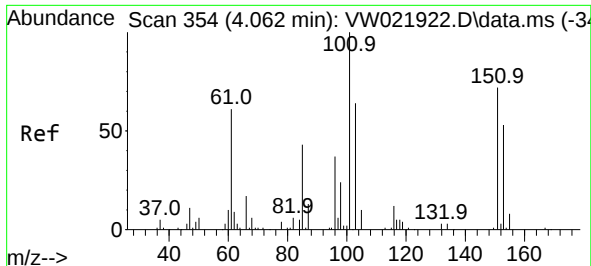
Tgt Ion: 64 Resp: 38583
Ion Ratio Lower Upper
64 100
66 33.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.478 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.012 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 101 Resp: 61652
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

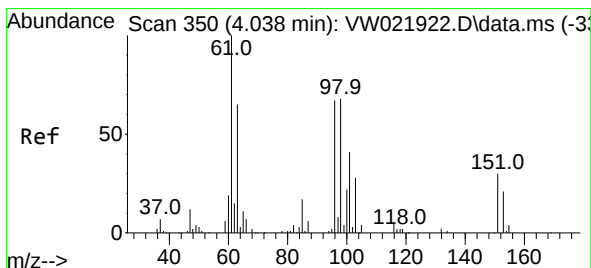
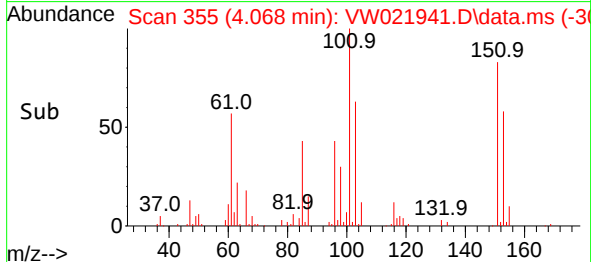
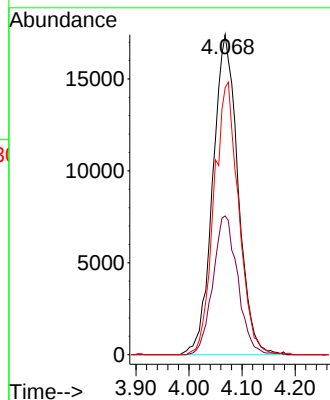
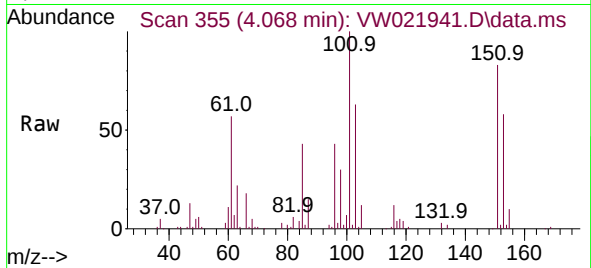




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.832 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

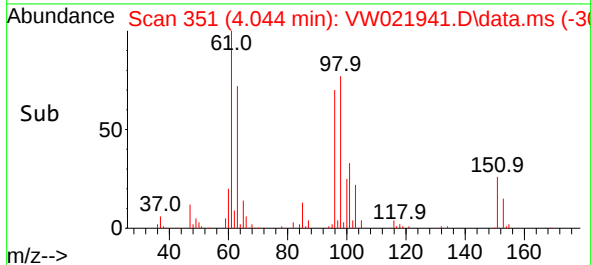
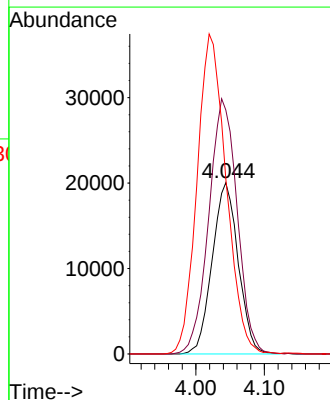
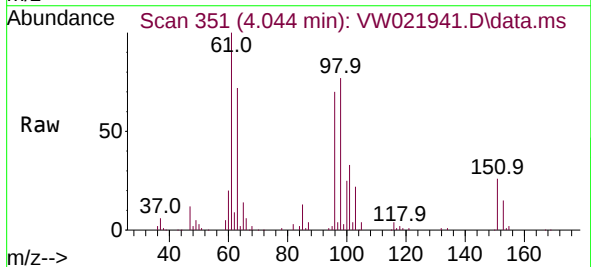
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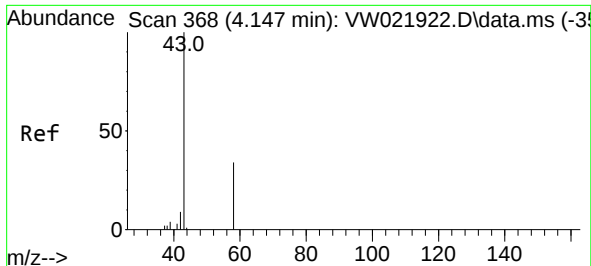
Tgt Ion:101 Resp: 57503
 Ion Ratio Lower Upper
 101 100
 85 42.5 36.6 54.8
 151 83.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.301 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021941.D
 Acq: 15 Jan 2022 13:02

Tgt Ion: 96 Resp: 52789
 Ion Ratio Lower Upper
 96 100
 61 142.5 138.3 256.9
 63 102.3 82.6 153.4





#13

Acetone

Concen: 29.111 ug/L

RT: 4.160 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

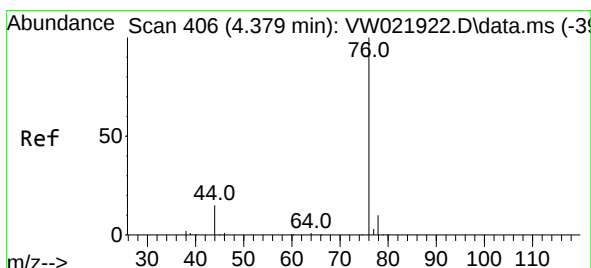
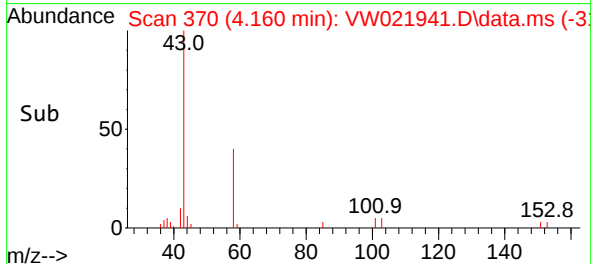
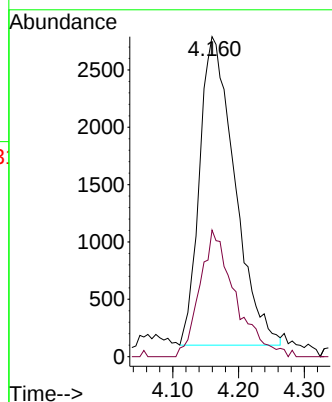
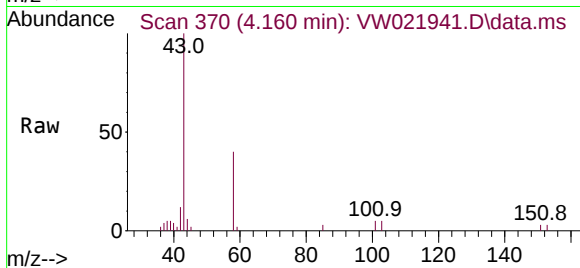
VSTD025540

Tgt Ion: 43 Resp: 10006

Ion Ratio Lower Upper

43 100

58 40.8 0.0 52.8



#14

Carbon disulfide

Concen: 21.310 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021941.D

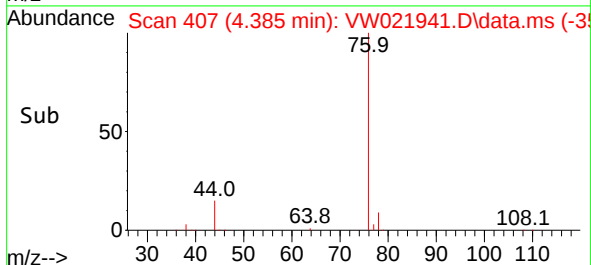
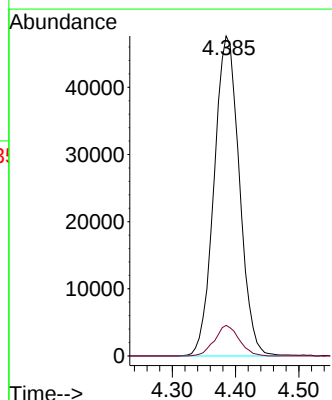
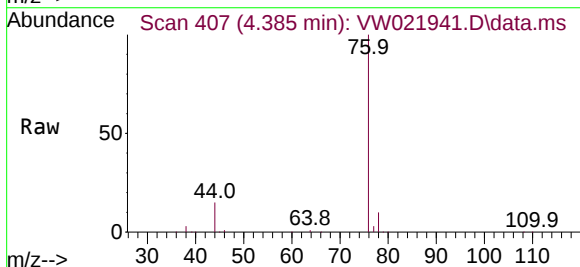
Acq: 15 Jan 2022 13:02

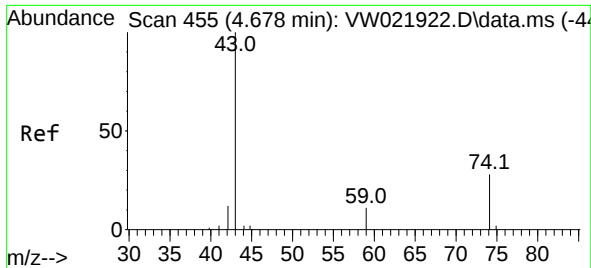
Tgt Ion: 76 Resp: 132064

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

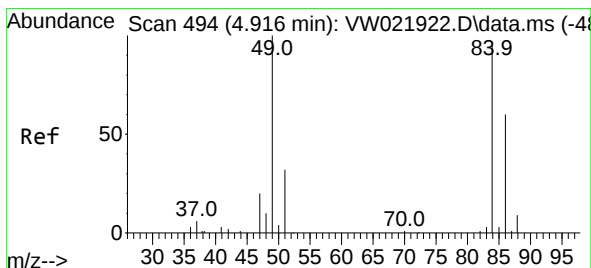
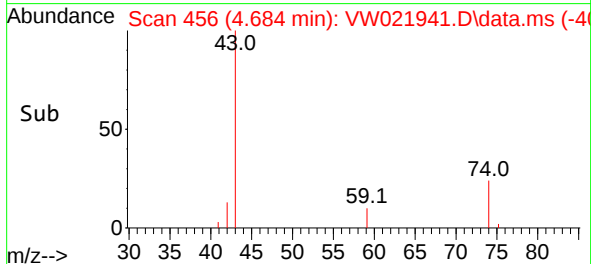
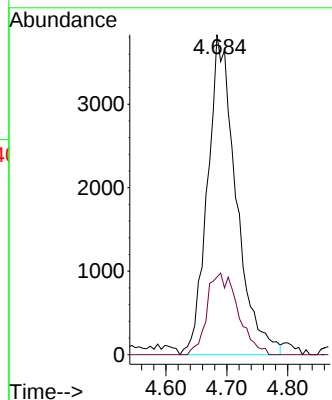
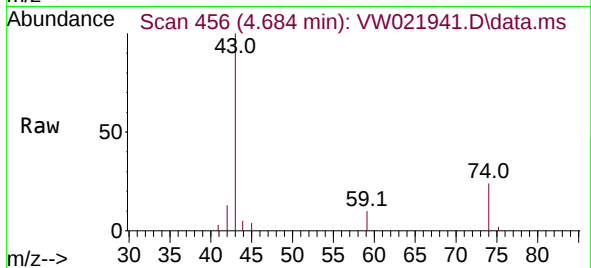




#15
Methyl Acetate
Concen: 17.948 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

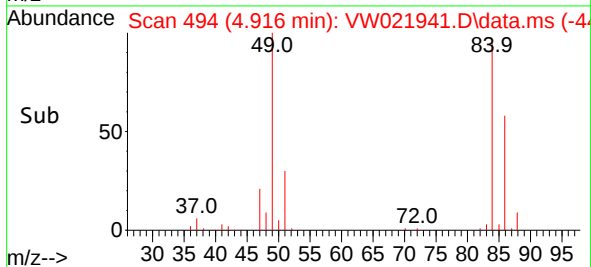
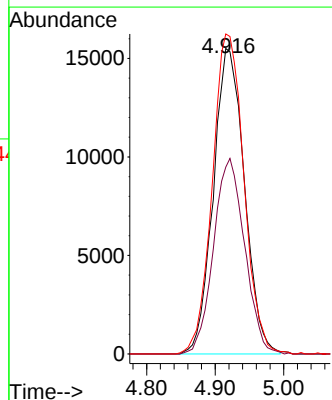
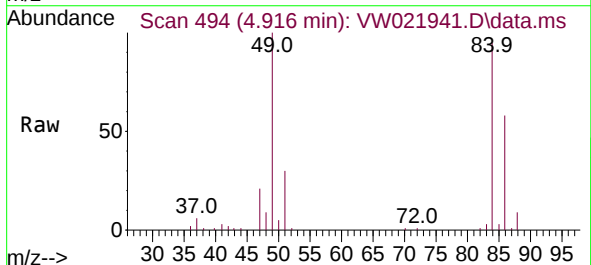
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

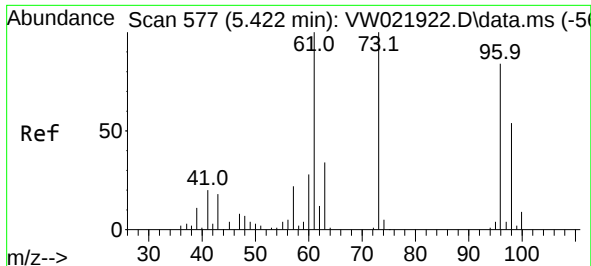
Tgt Ion: 43 Resp: 12468
Ion Ratio Lower Upper
43 100
74 15.9 16.4 24.6#



#16
Methylene chloride
Concen: 18.006 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 84 Resp: 48867
Ion Ratio Lower Upper
84 100
86 61.2 45.5 84.5
49 104.8 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 22.025 ug/L

RT: 5.428 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

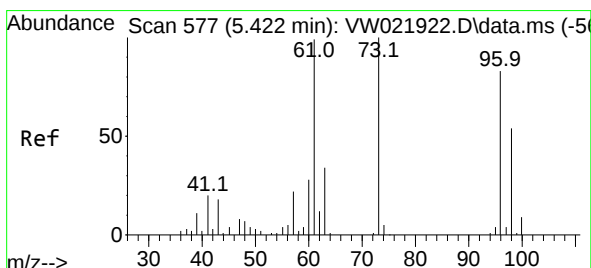
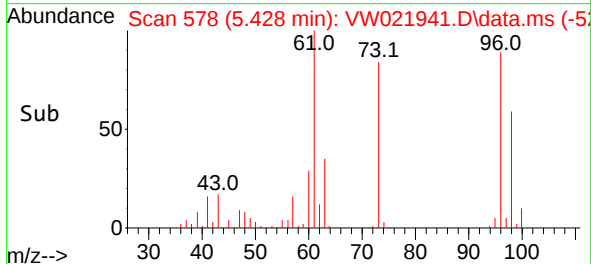
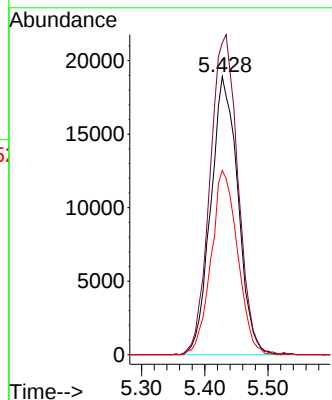
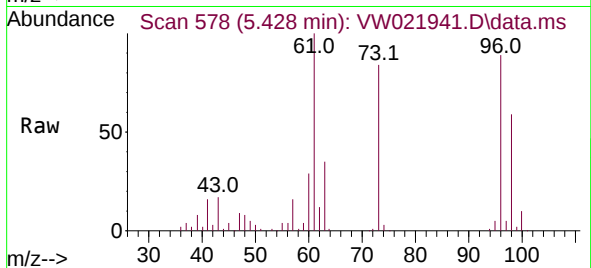
Tgt Ion: 96 Resp: 56335

Ion Ratio Lower Upper

96 100

61 112.1 107.4 199.4

98 66.3 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 20.228 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

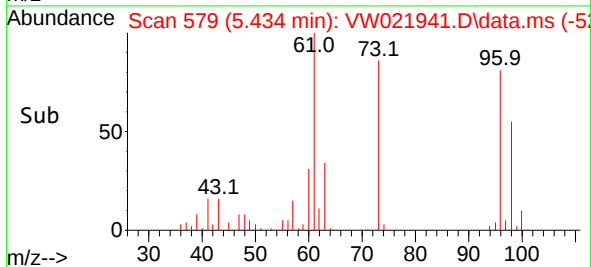
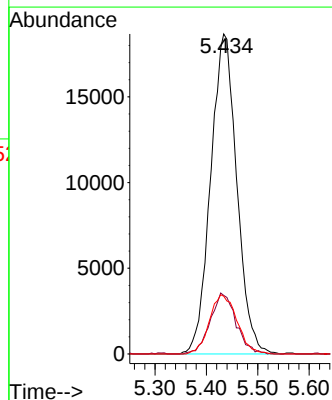
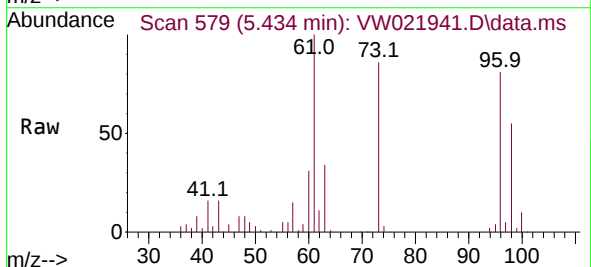
Tgt Ion: 73 Resp: 65977

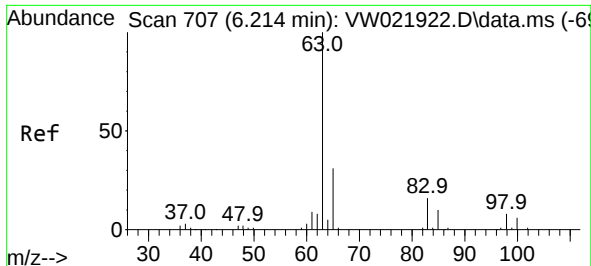
Ion Ratio Lower Upper

73 100

43 18.5 19.5 29.3#

57 19.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.617 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

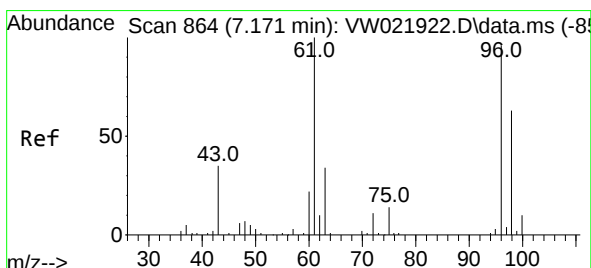
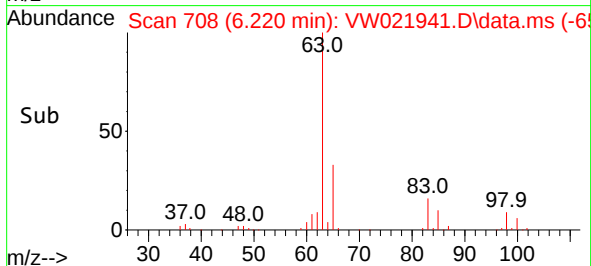
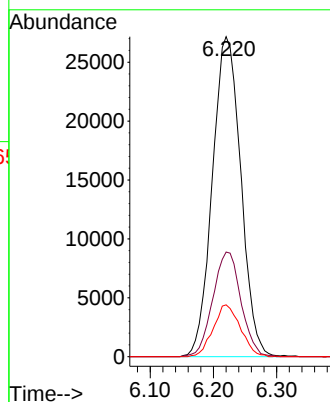
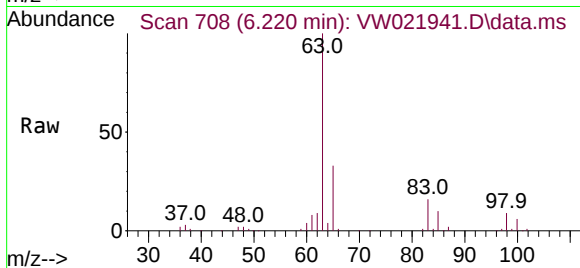
Tgt Ion: 63 Resp: 84837

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 16.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.272 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

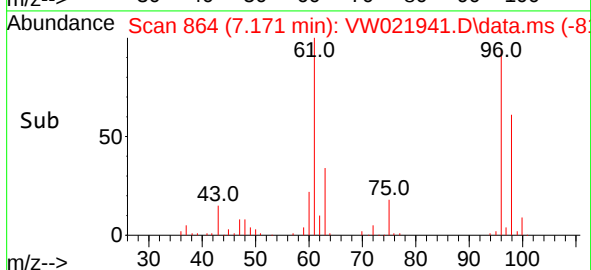
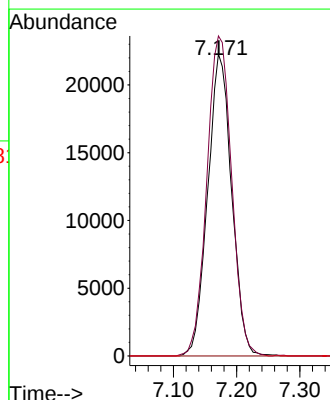
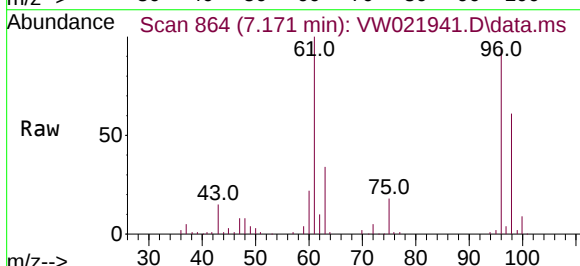
Tgt Ion: 96 Resp: 58602

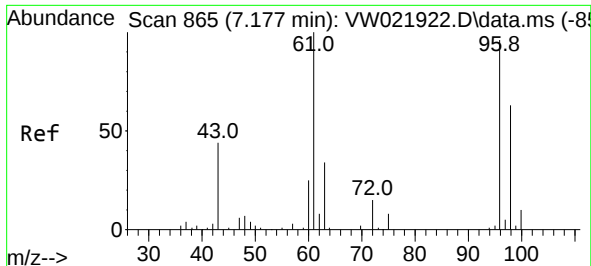
Ion Ratio Lower Upper

96 100

61 106.0 103.7 192.7

68 0.0 0.0 0.0

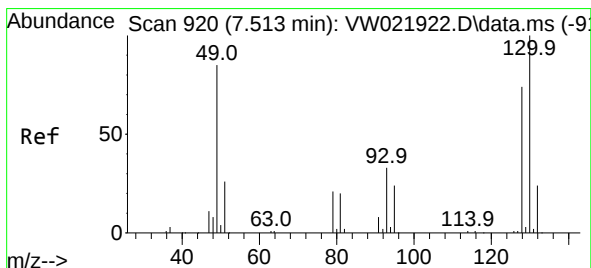
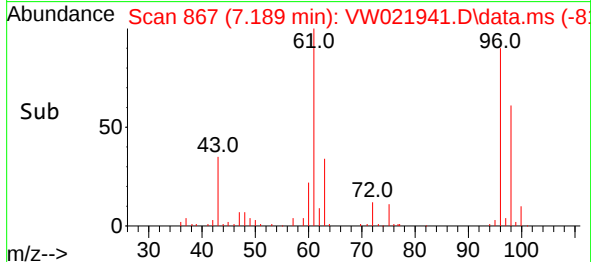
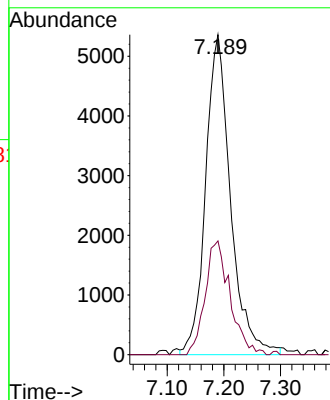
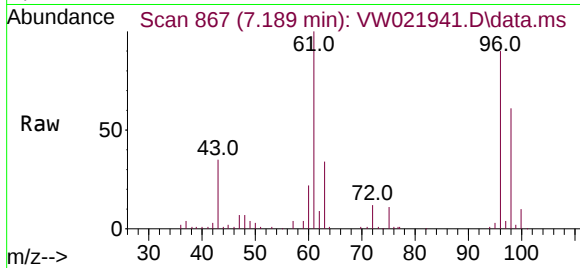




#22
2-Butanone
Concen: 37.256 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

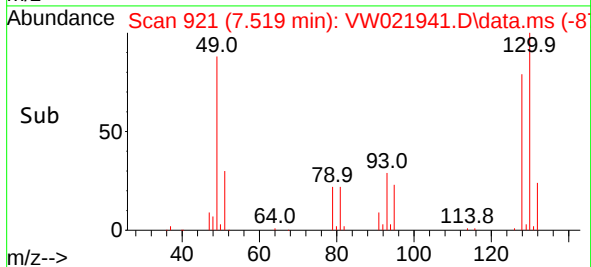
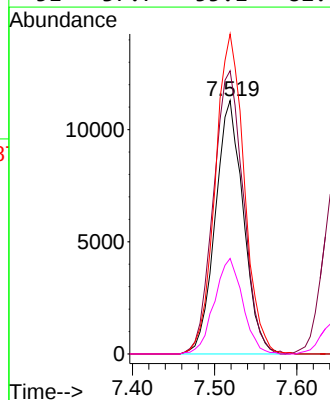
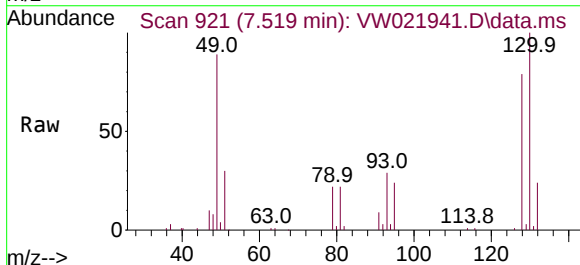
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

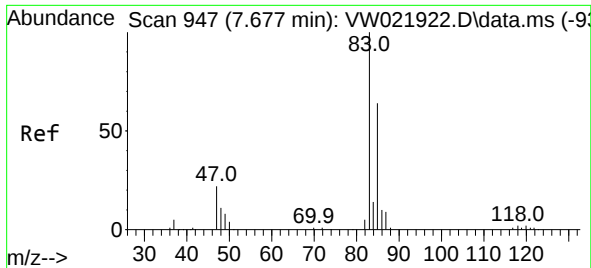
Tgt Ion: 43 Resp: 16368
Ion Ratio Lower Upper
43 100
72 35.2 11.8 35.4



#23
Bromochloromethane
Concen: 20.559 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 128 Resp: 26917
Ion Ratio Lower Upper
128 100
49 111.7 150.3 279.1#
130 126.2 88.3 163.9
51 37.7 55.1 82.7#

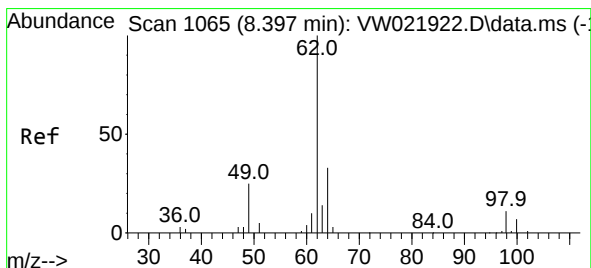
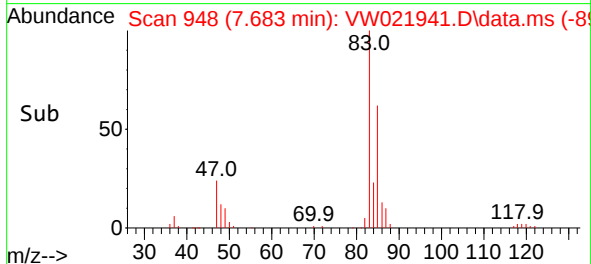
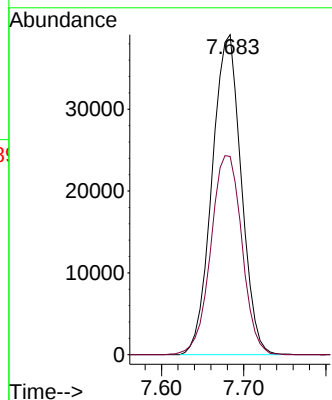
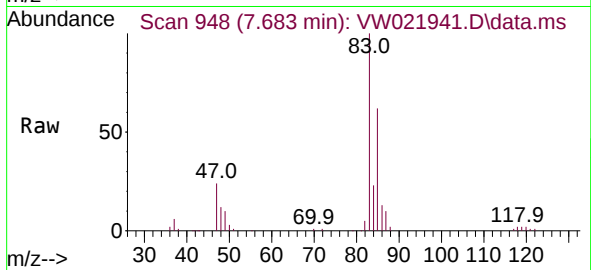




#25
Chloroform
Concen: 21.725 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

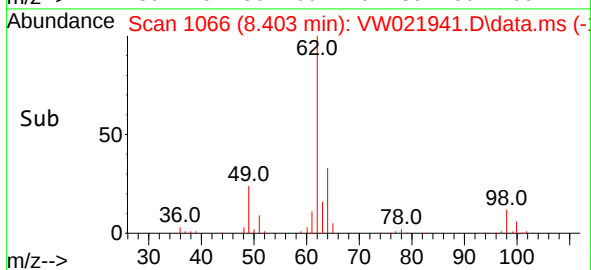
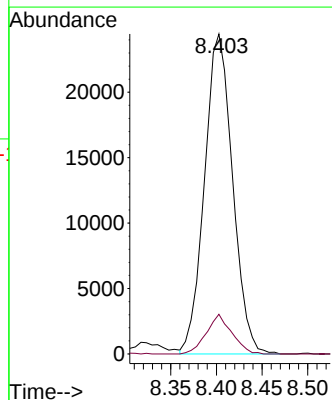
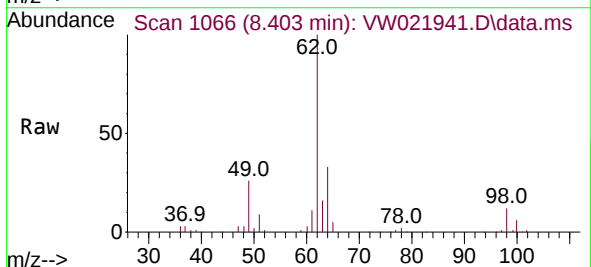
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

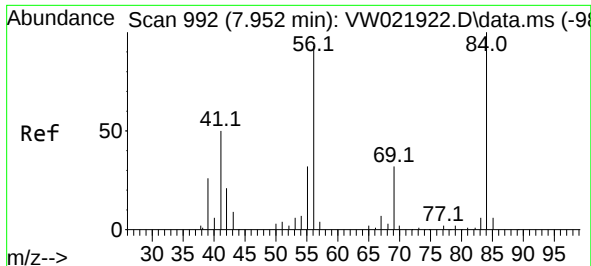
Tgt Ion: 83 Resp: 96421
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.343 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 62 Resp: 52285
Ion Ratio Lower Upper
62 100
98 12.4 6.5 9.7#





#29

Cyclohexane

Concen: 23.346 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

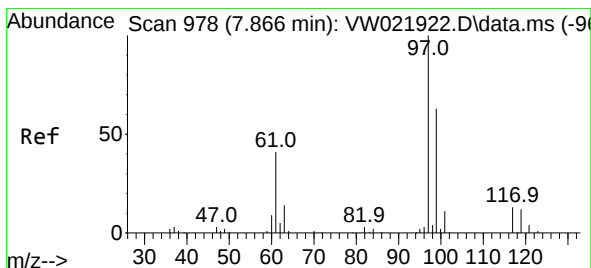
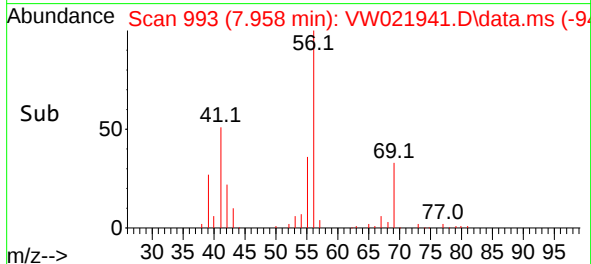
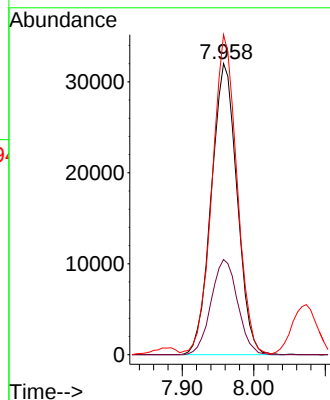
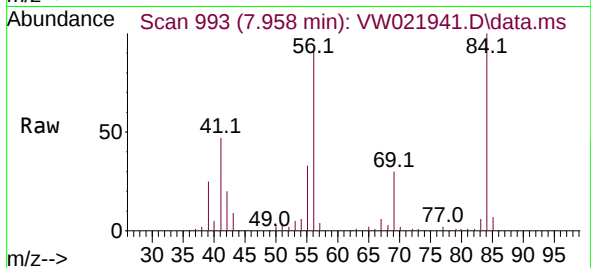
Tgt Ion: 56 Resp: 79985

Ion Ratio Lower Upper

56 100

69 33.6 23.5 35.3

84 106.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.139 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.012 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

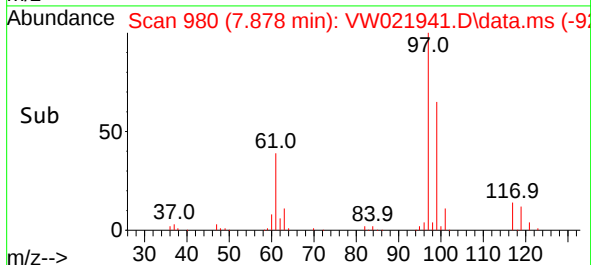
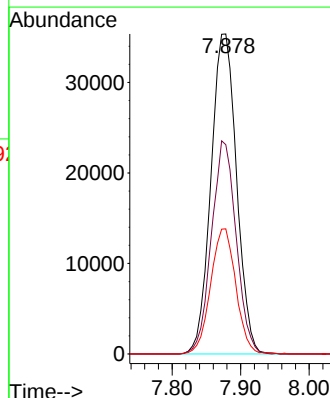
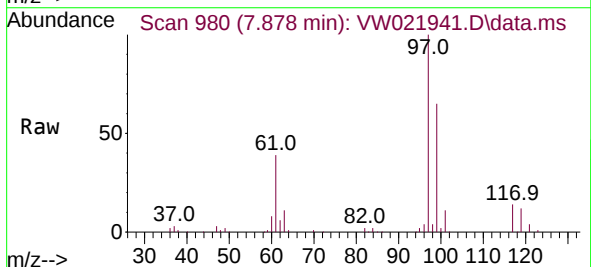
Tgt Ion: 97 Resp: 91854

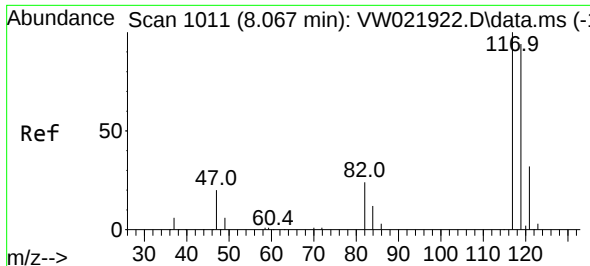
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 38.6 40.9 61.3#

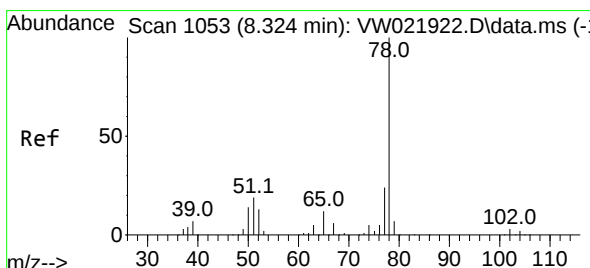
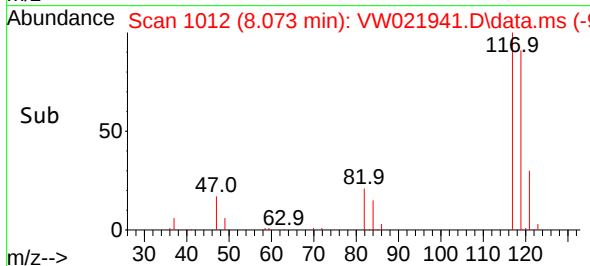
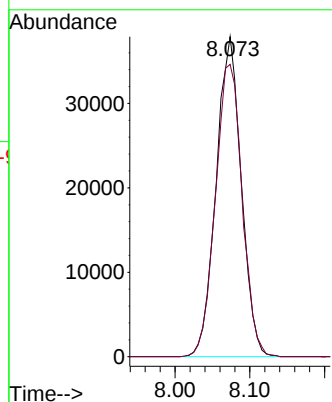
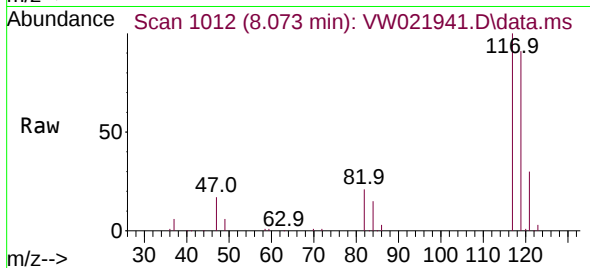




#31
Carbon tetrachloride
Concen: 23.079 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

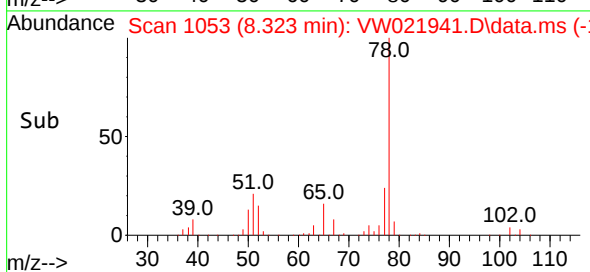
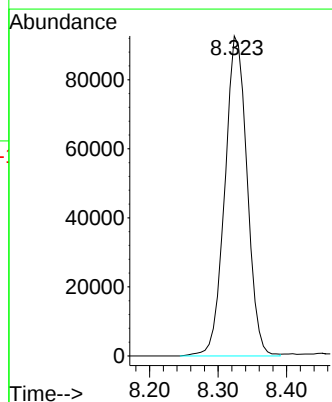
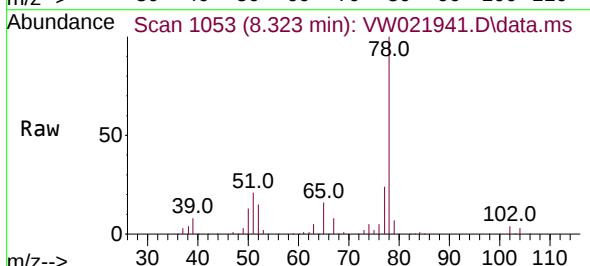
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

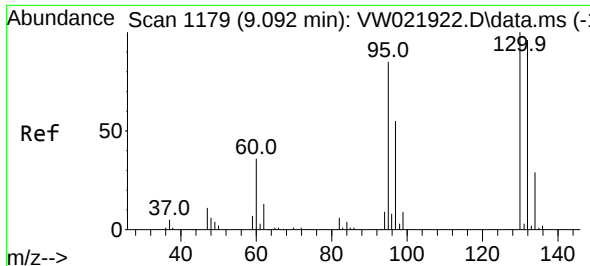
Tgt Ion:117 Resp: 88779
Ion Ratio Lower Upper
117 100
119 97.2 75.7 113.5



#33
Benzene
Concen: 22.257 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 78 Resp: 209010

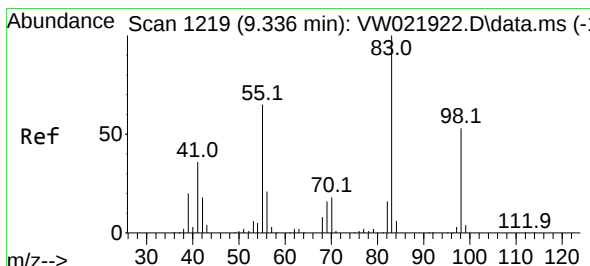
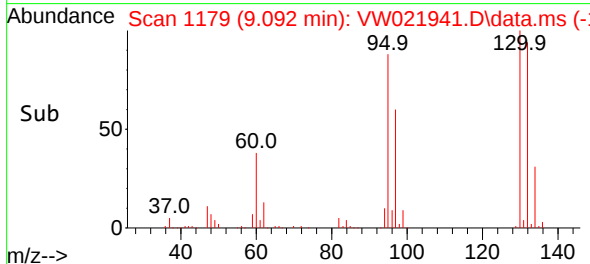
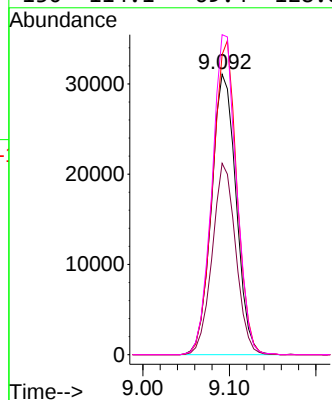
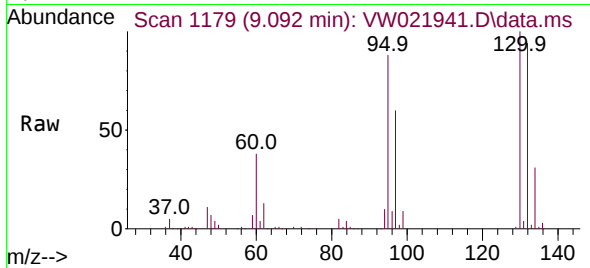




#34
Trichloroethene
Concen: 22.525 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

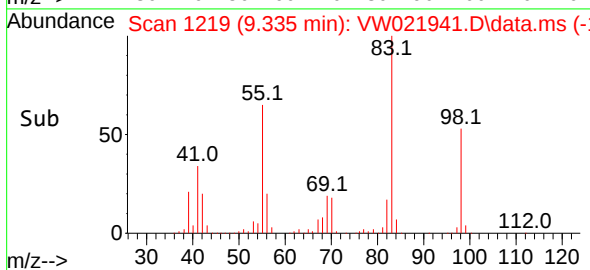
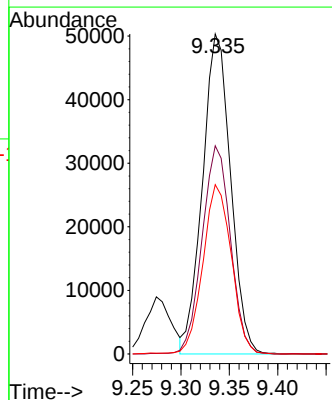
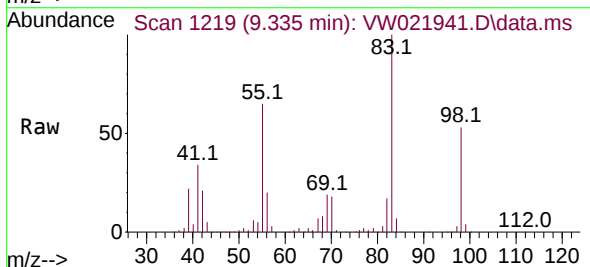
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

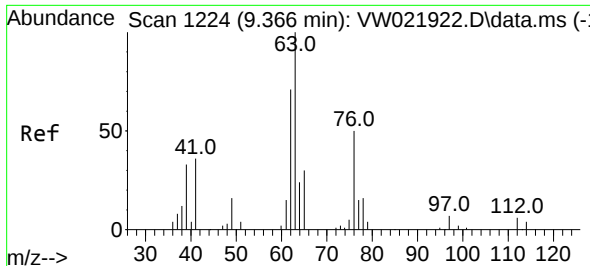
Tgt Ion: 95 Resp: 61369
Ion Ratio Lower Upper
95 100
97 68.2 47.0 87.2
132 107.0 65.5 121.6
130 114.1 69.4 128.8



#35
Methylcyclohexane
Concen: 22.750 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 83 Resp: 101929
Ion Ratio Lower Upper
83 100
55 65.4 70.8 106.2#
98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.180 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

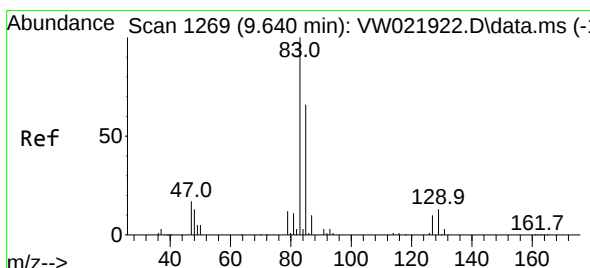
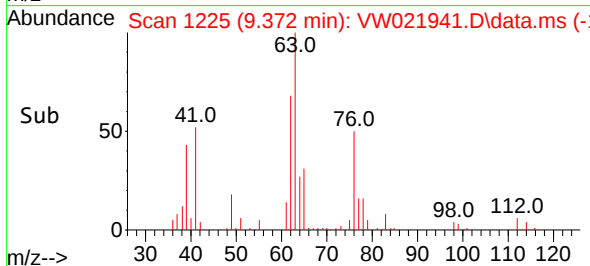
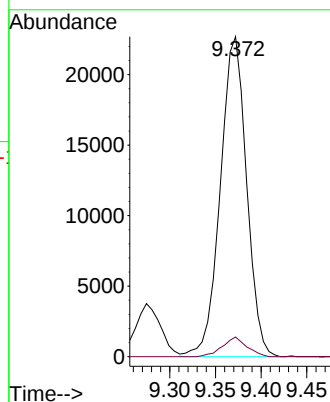
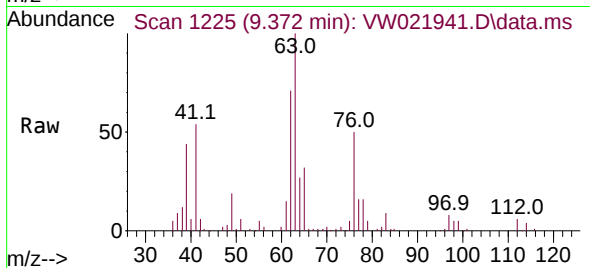
VSTD025540

Tgt Ion: 63 Resp: 45376

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 21.812 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

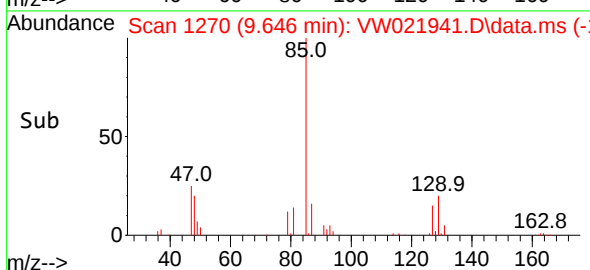
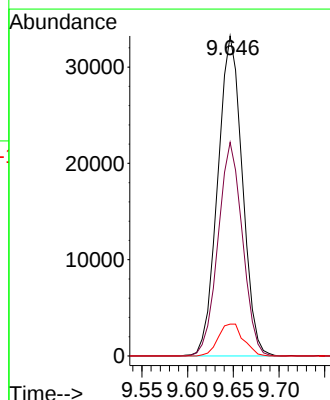
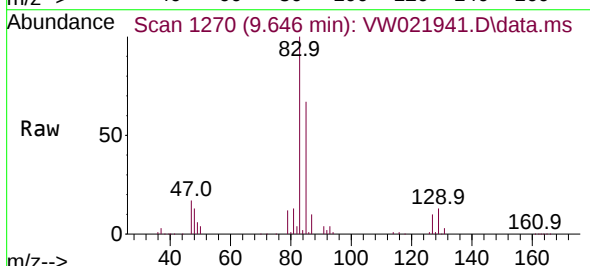
Tgt Ion: 83 Resp: 62293

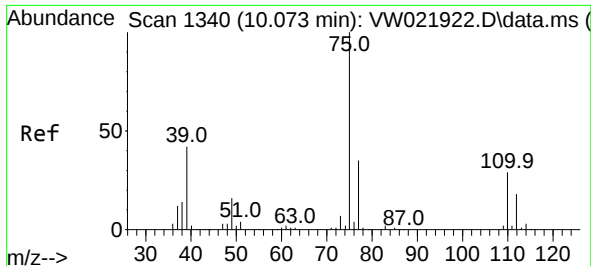
Ion Ratio Lower Upper

83 100

85 66.8 44.1 81.9

127 10.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 22.993 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

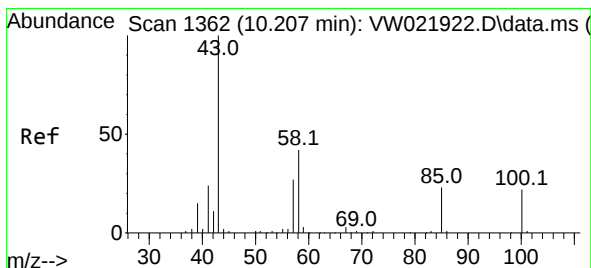
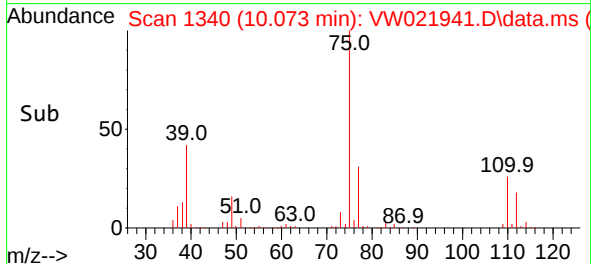
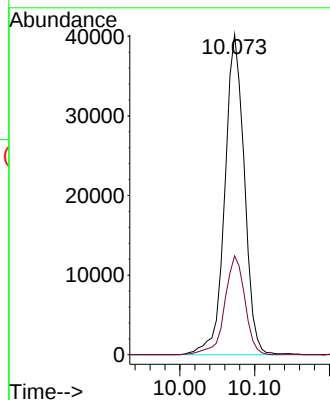
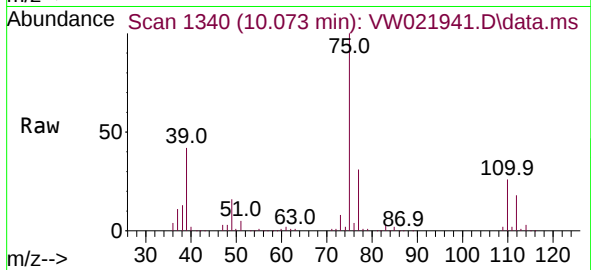
VSTD025540

Tgt Ion: 75 Resp: 73093

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 37.236 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

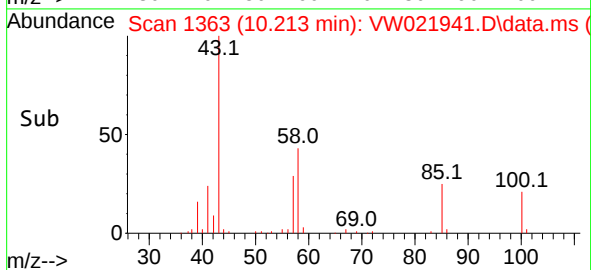
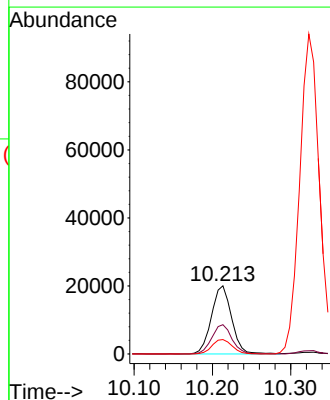
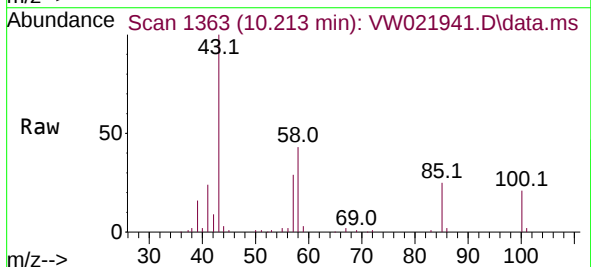
Tgt Ion: 43 Resp: 35785

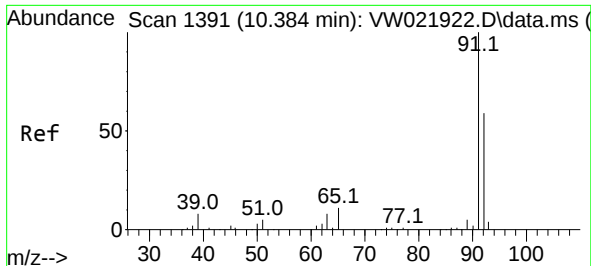
Ion Ratio Lower Upper

43 100

58 42.8 28.8 43.2

100 21.2 10.0 15.0#





#42

Toluene

Concen: 23.028 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

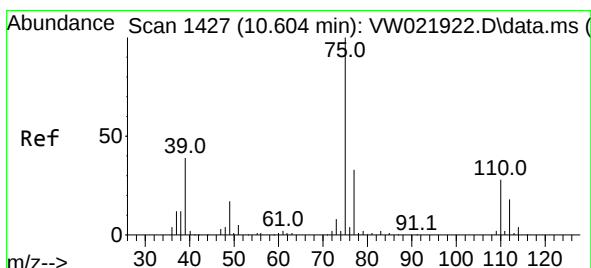
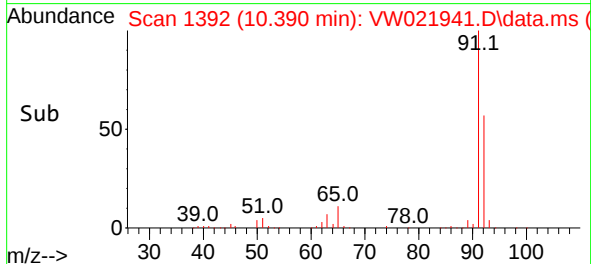
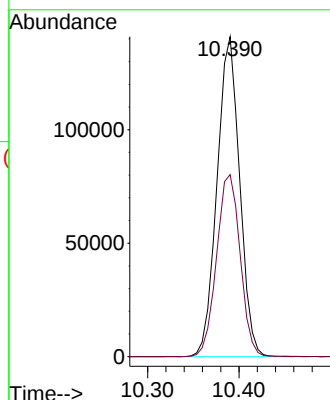
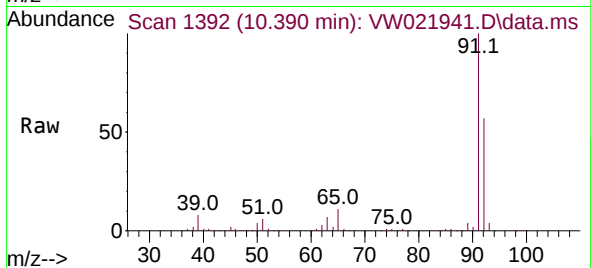
VSTD025540

Tgt Ion: 91 Resp: 242541

Ion Ratio Lower Upper

91 100

92 56.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 22.735 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021941.D

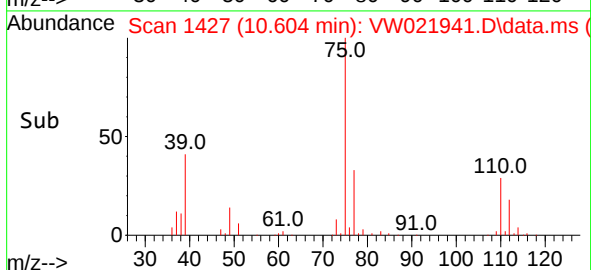
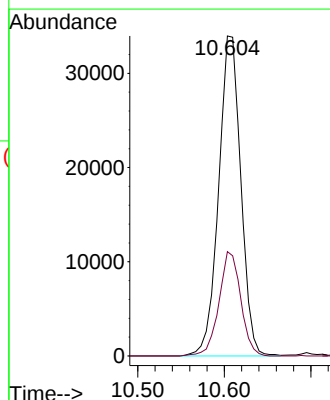
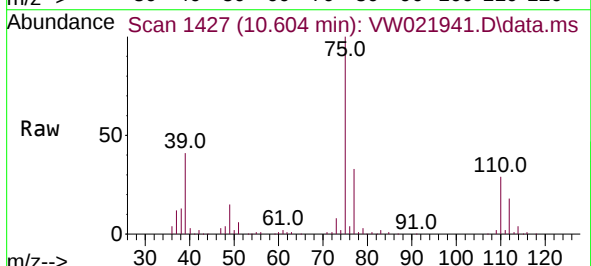
Acq: 15 Jan 2022 13:02

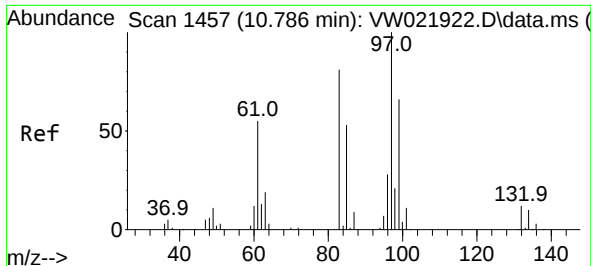
Tgt Ion: 75 Resp: 60490

Ion Ratio Lower Upper

75 100

77 32.6 22.2 41.2

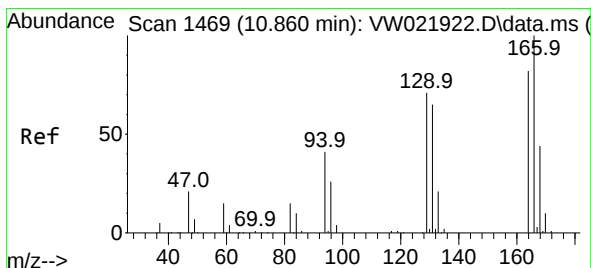
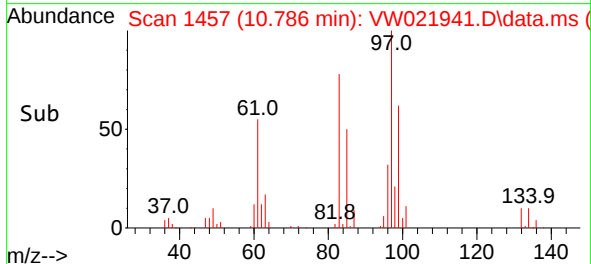
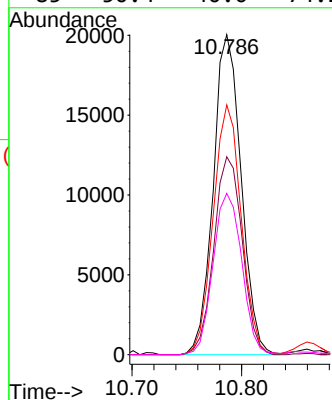
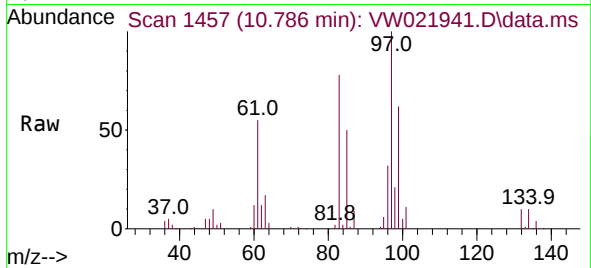




#45
1,1,2-Trichloroethane
Concen: 20.429 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

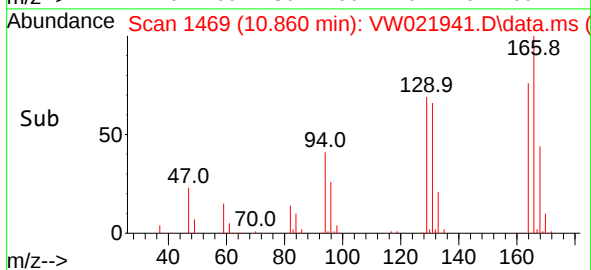
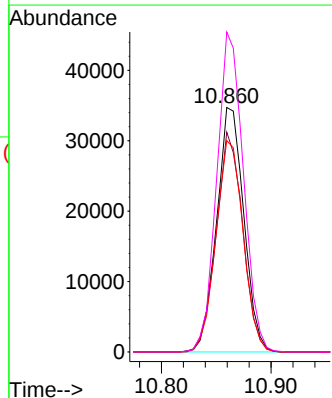
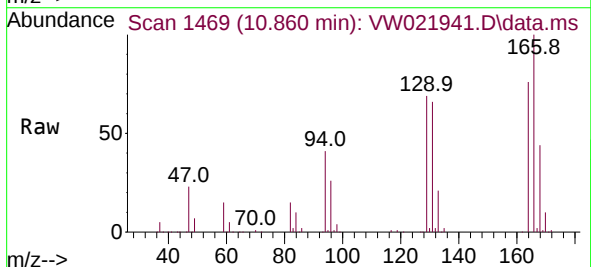
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

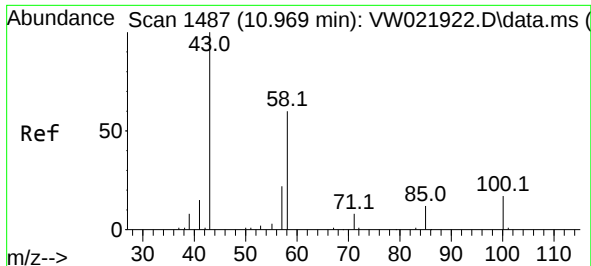
Tgt Ion:	97	Resp:	35485
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	79.8
83	78.0	62.6	116.3
85	50.4	40.0	74.2



#46
Tetrachloroethene
Concen: 22.200 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion:	164	Resp:	59809
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.5	121.7
131	86.5	59.7	110.9
166	130.9	88.7	164.7

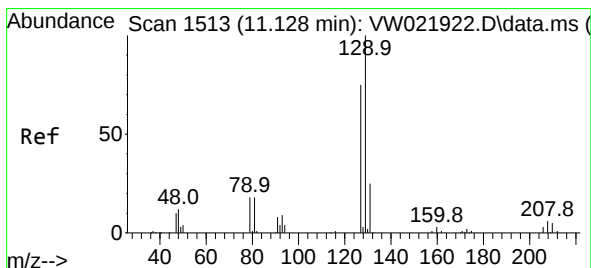
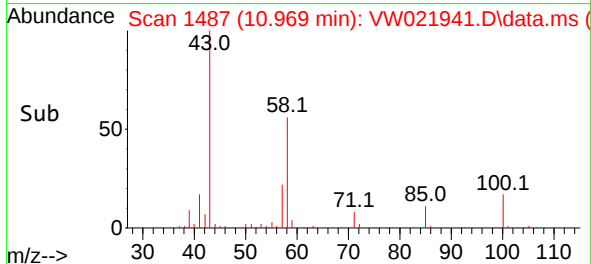
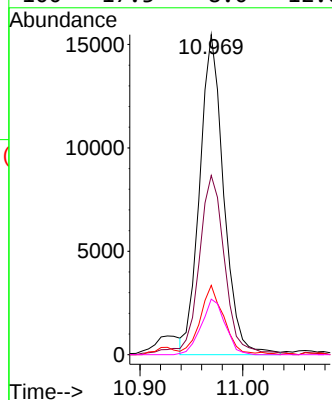
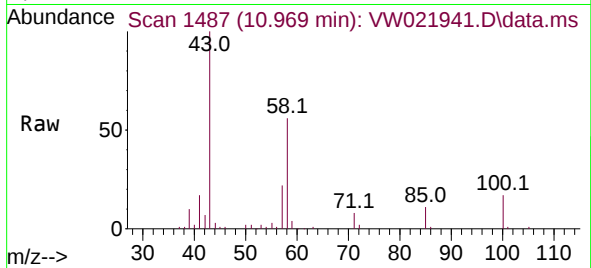




#48
2-Hexanone
Concen: 38.291 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

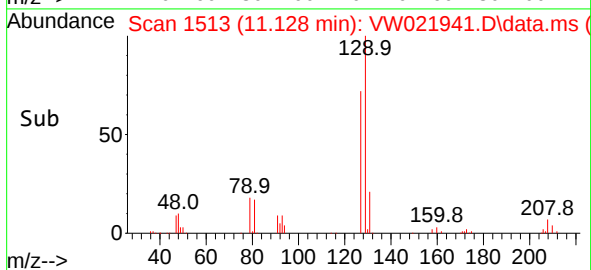
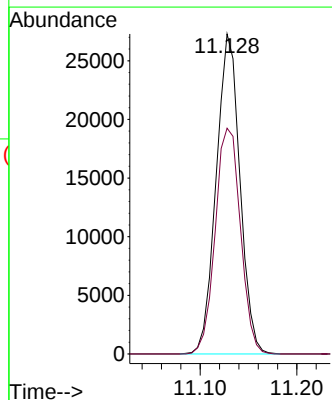
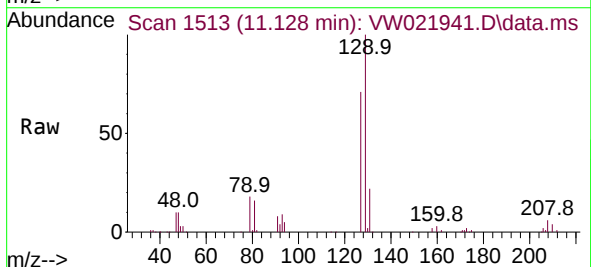
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

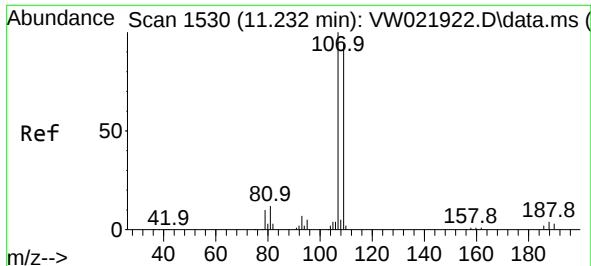
Tgt Ion: 43 Resp: 25178
Ion Ratio Lower Upper
43 100
58 56.2 40.2 60.2
57 21.1 14.3 21.5
100 17.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 21.224 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 129 Resp: 46452
Ion Ratio Lower Upper
129 100
127 70.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 20.205 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

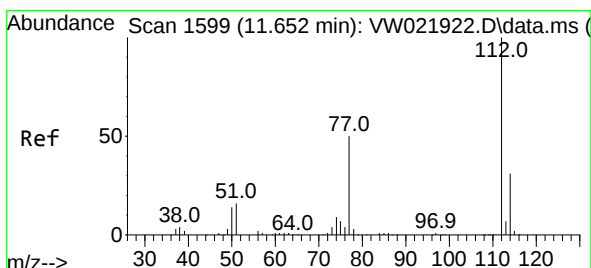
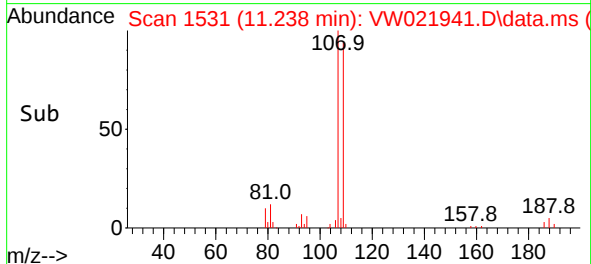
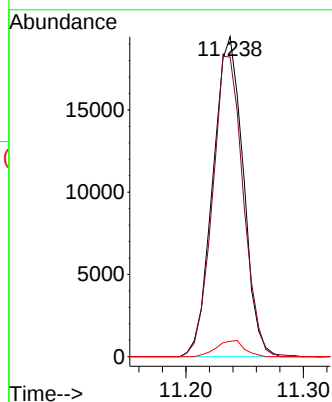
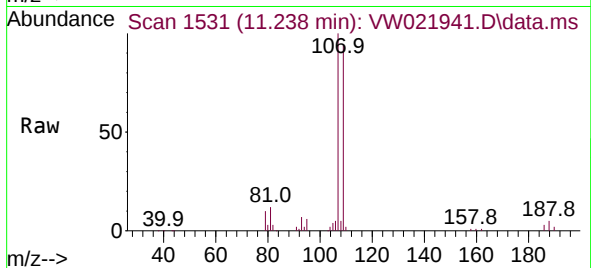
Tgt Ion:107 Resp: 34836

Ion Ratio Lower Upper

107 100

109 93.7 64.1 119.1

188 4.8 2.6 3.8#



#51

Chlorobenzene

Concen: 22.066 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

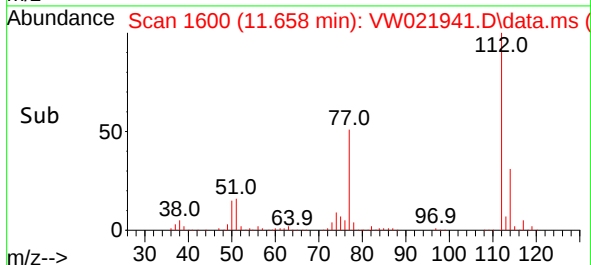
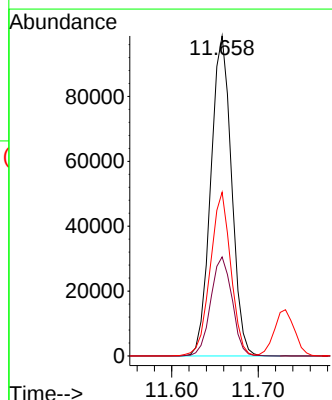
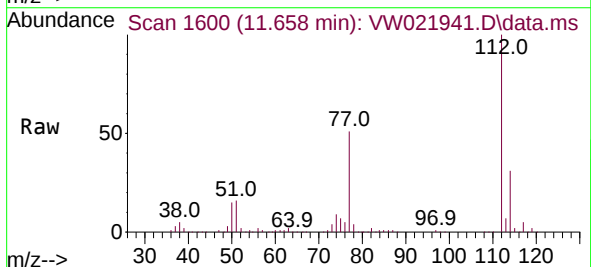
Tgt Ion:112 Resp: 164093

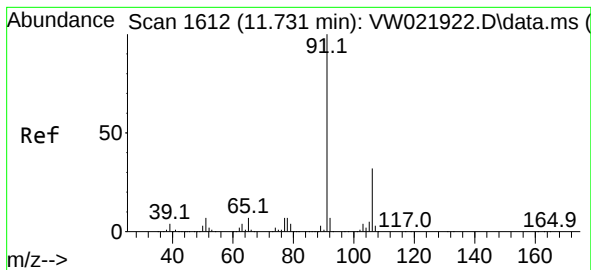
Ion Ratio Lower Upper

112 100

114 30.9 22.4 41.6

77 51.2 50.2 75.4

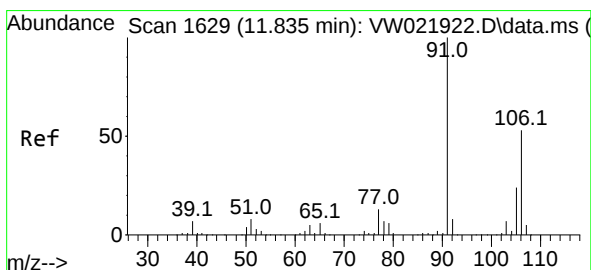
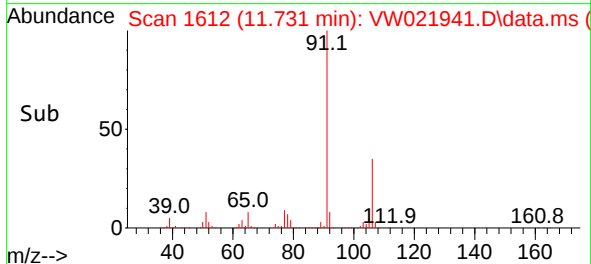
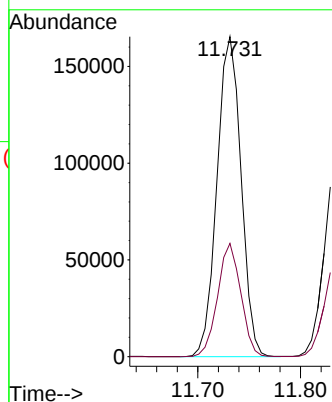
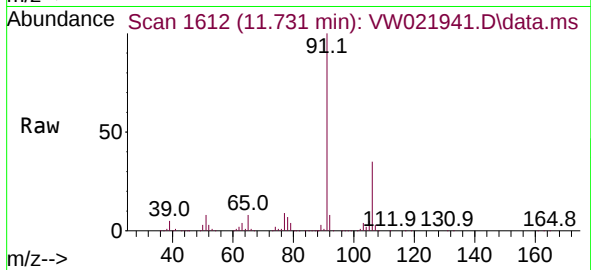




#52
Ethylbenzene
Concen: 22.981 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

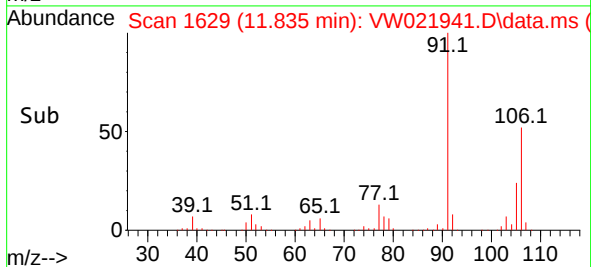
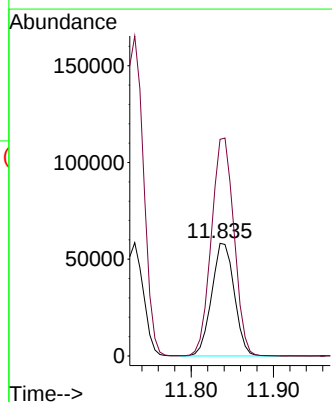
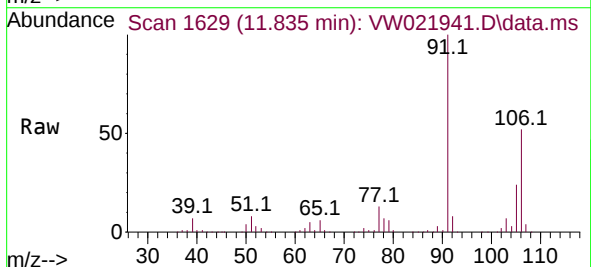
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

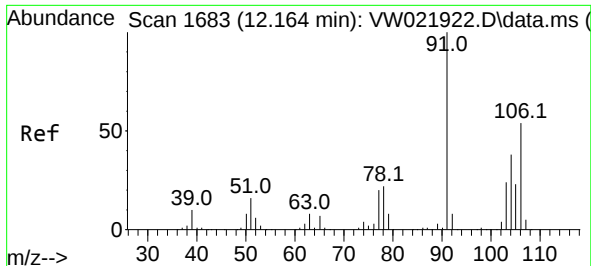
Tgt Ion: 91 Resp: 268890
Ion Ratio Lower Upper
91 100
106 35.4 21.5 39.9



#53
m,p-Xylene
Concen: 22.774 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 106 Resp: 111425
Ion Ratio Lower Upper
106 100
91 192.2 149.9 278.3

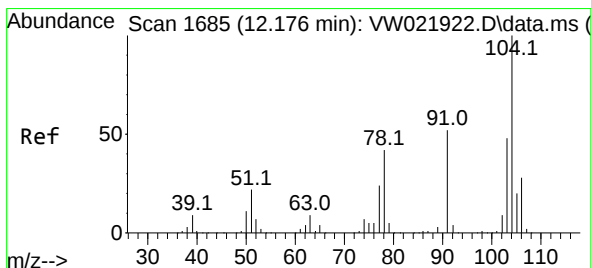
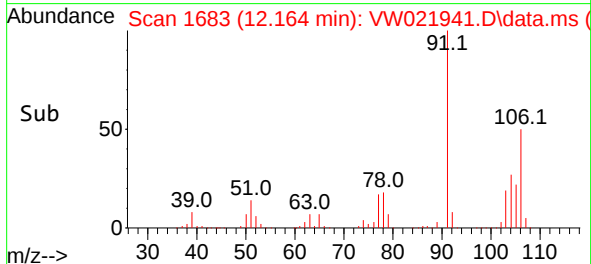
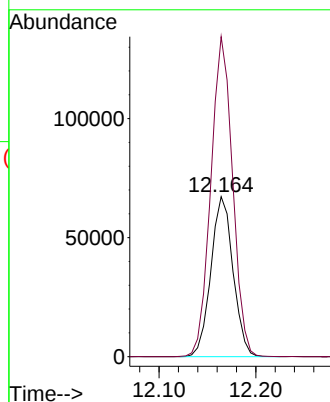
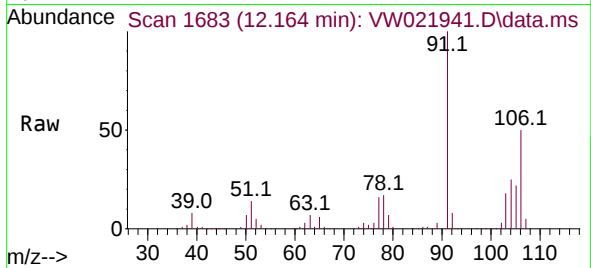




#54
o-Xylene
Concen: 23.542 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

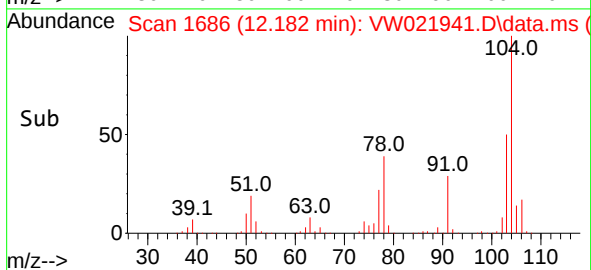
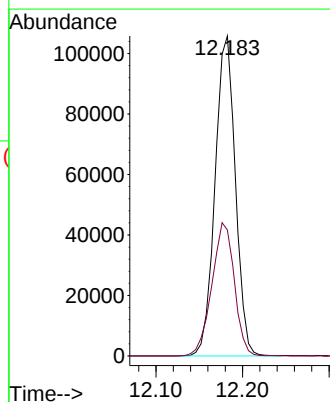
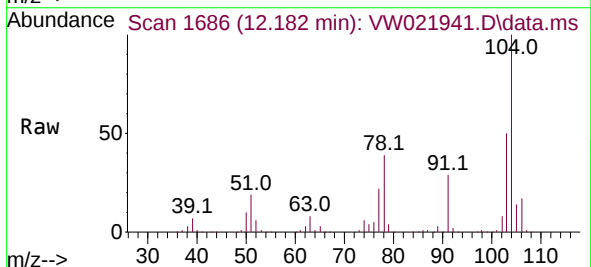
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

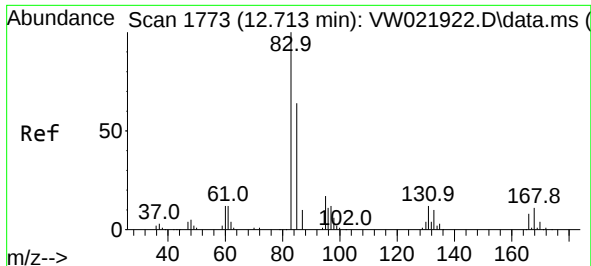
Tgt Ion:106 Resp: 106928
Ion Ratio Lower Upper
106 100
91 200.0 153.6 285.3



#55
Styrene
Concen: 23.000 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion:104 Resp: 172473
Ion Ratio Lower Upper
104 100
78 39.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 19.055 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

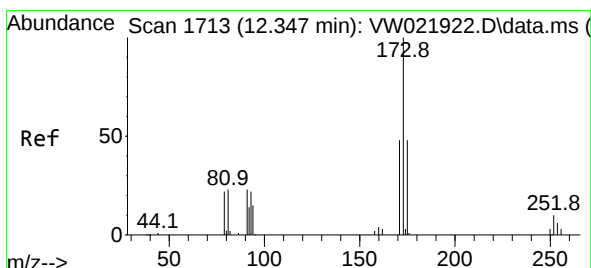
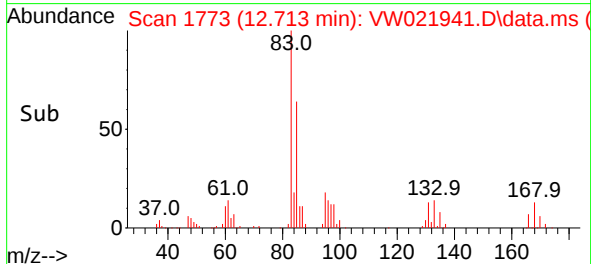
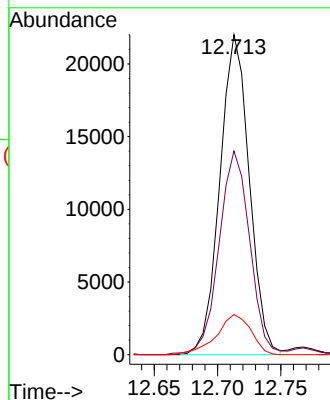
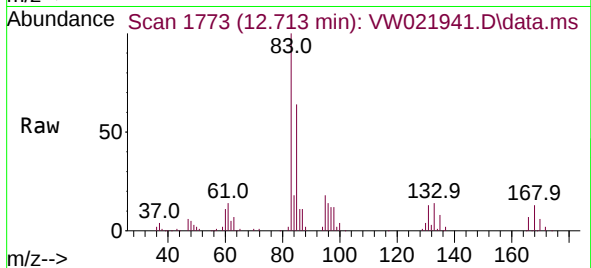
Tgt Ion: 83 Resp: 35612

Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.6

131 12.5 6.9 10.3#



#59

Bromoform

Concen: 19.707 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

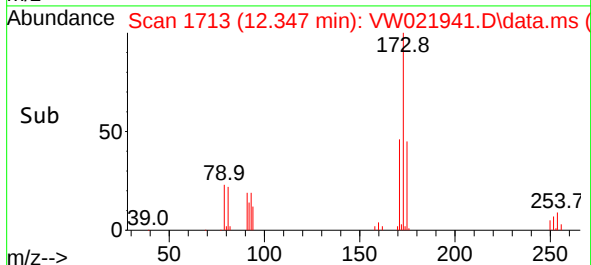
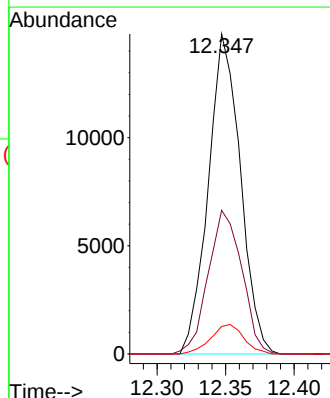
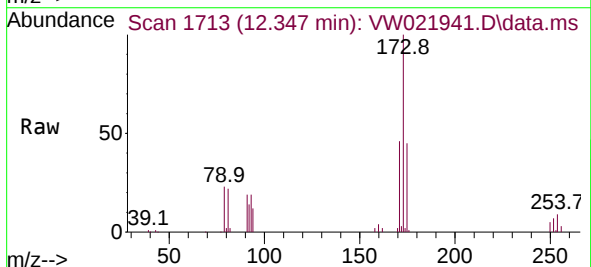
Tgt Ion: 173 Resp: 24113

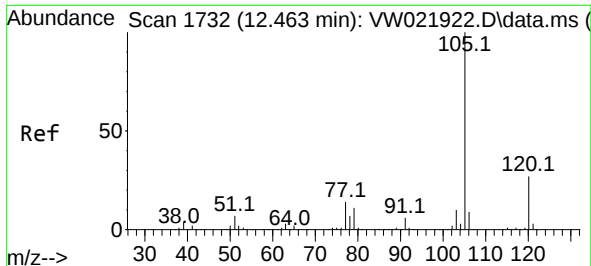
Ion Ratio Lower Upper

173 100

175 47.0 39.6 59.4

254 9.5 7.4 11.0

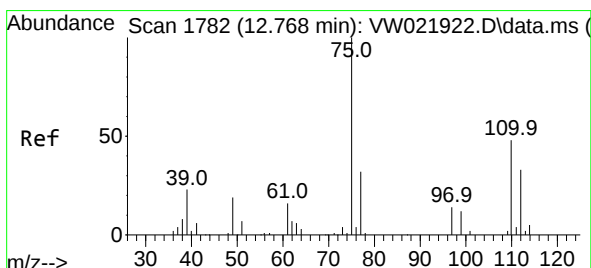
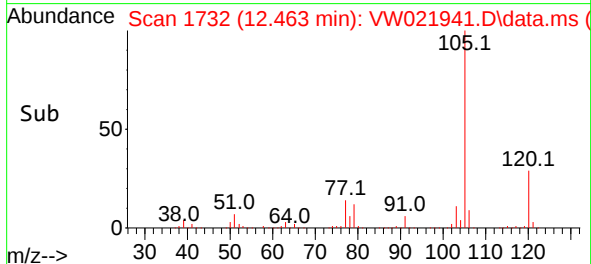
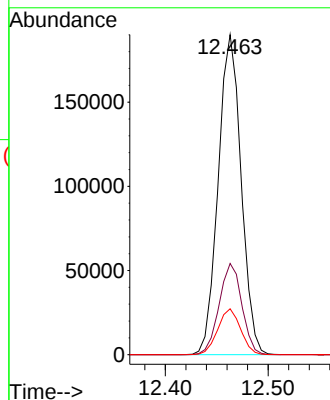
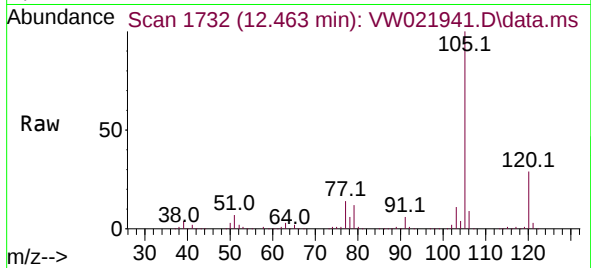




#60
Isopropylbenzene
Concen: 24.117 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

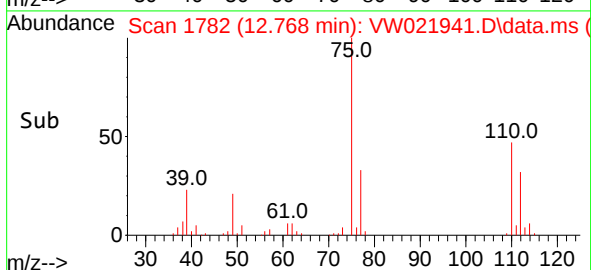
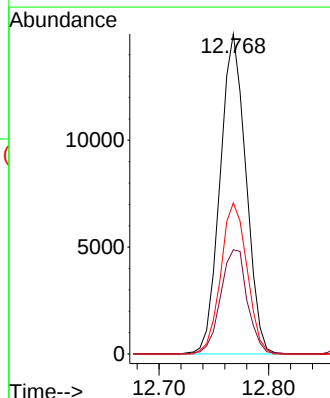
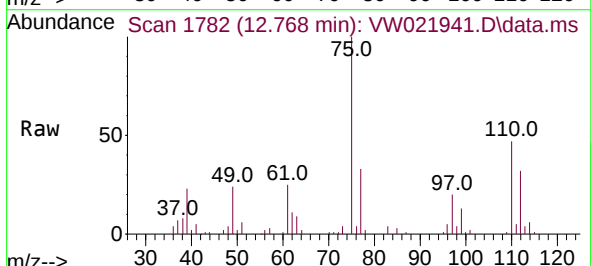
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

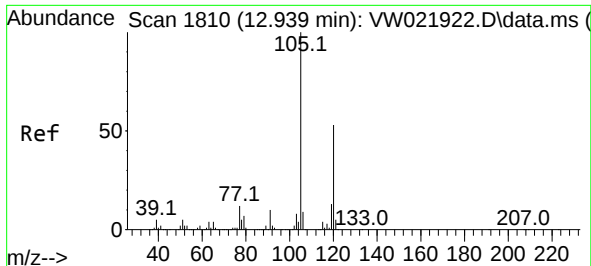
Tgt Ion:105 Resp: 294737
Ion Ratio Lower Upper
105 100
120 28.2 20.1 30.1
77 14.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 19.125 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion: 75 Resp: 24528
Ion Ratio Lower Upper
75 100
77 33.7 25.8 38.8
110 47.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.014 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

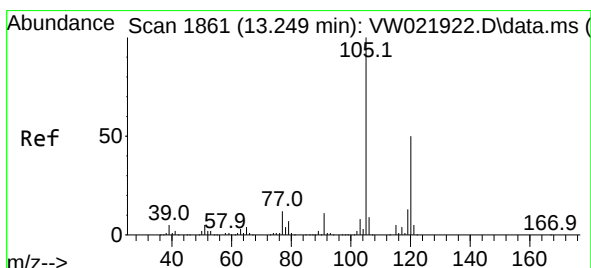
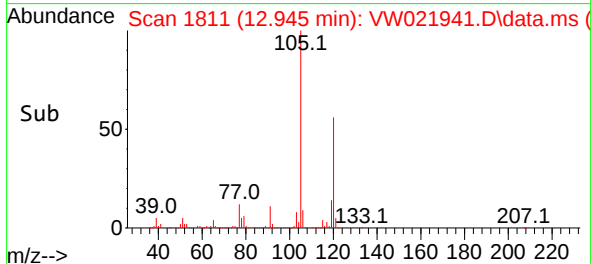
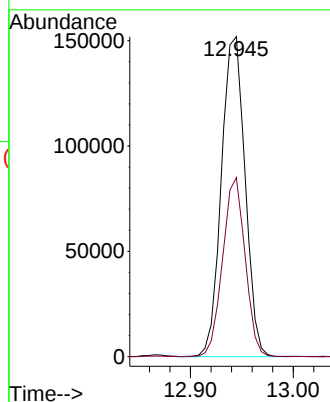
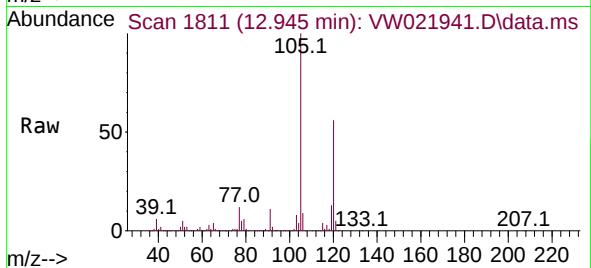
VSTD025540

Tgt Ion:105 Resp: 243030

Ion Ratio Lower Upper

105 100

120 53.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.857 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021941.D

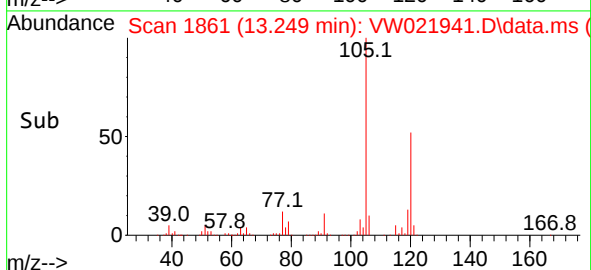
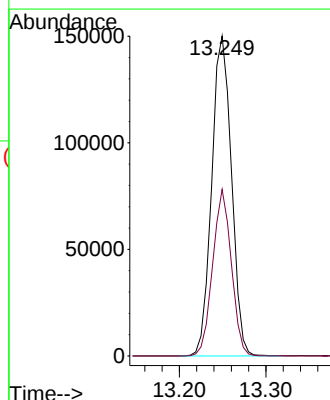
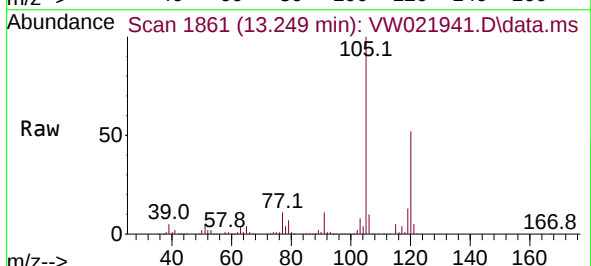
Acq: 15 Jan 2022 13:02

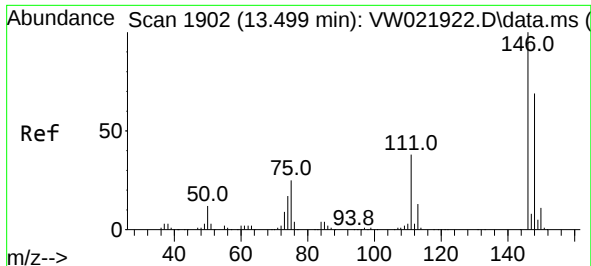
Tgt Ion:105 Resp: 238118

Ion Ratio Lower Upper

105 100

120 49.1 35.0 52.6

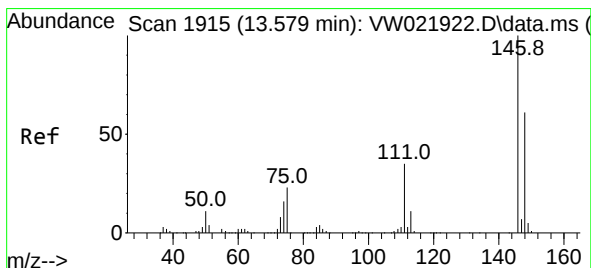
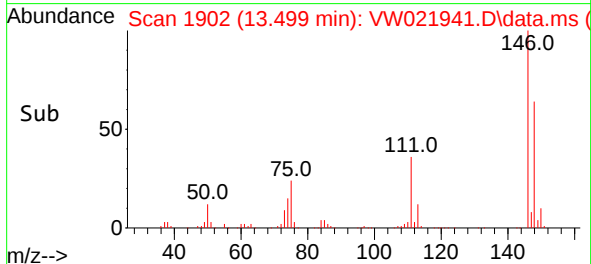
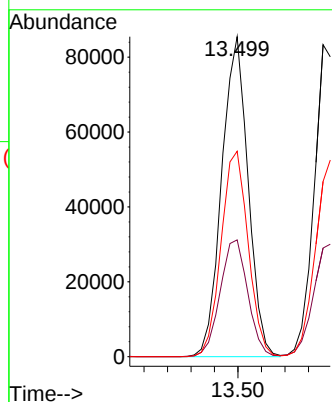
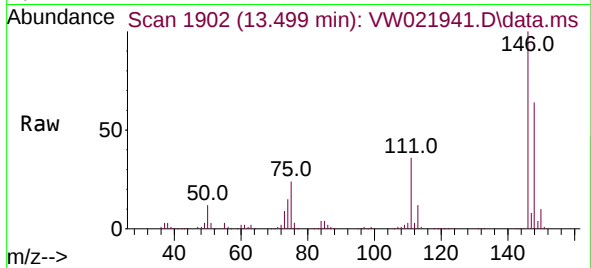




#64
1,3-Dichlorobenzene
Concen: 21.667 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

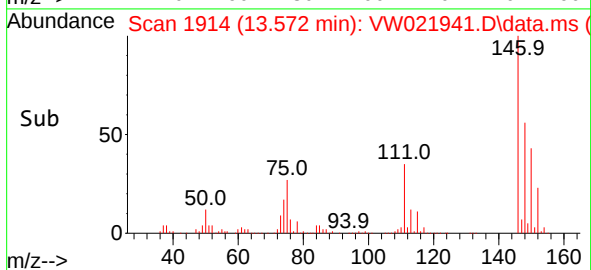
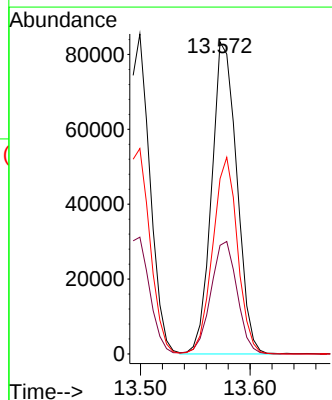
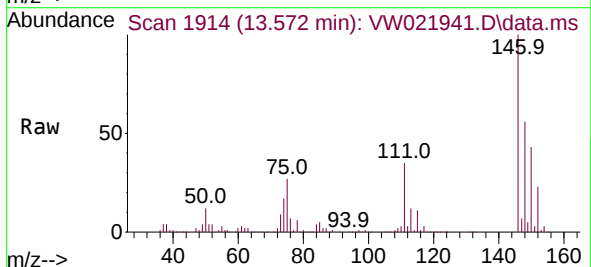
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

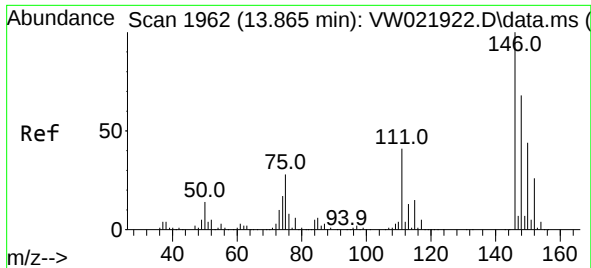
Tgt Ion:146 Resp: 133133
Ion Ratio Lower Upper
146 100
111 36.5 29.8 55.3
148 64.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.982 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion:146 Resp: 133362
Ion Ratio Lower Upper
146 100
111 34.8 29.0 53.9
148 56.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.310 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

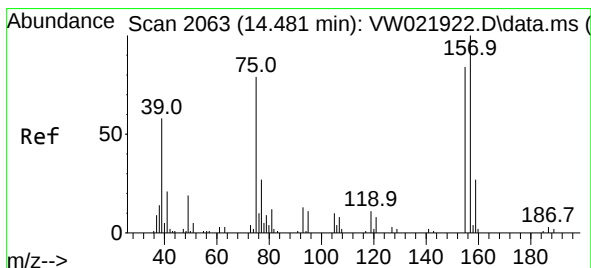
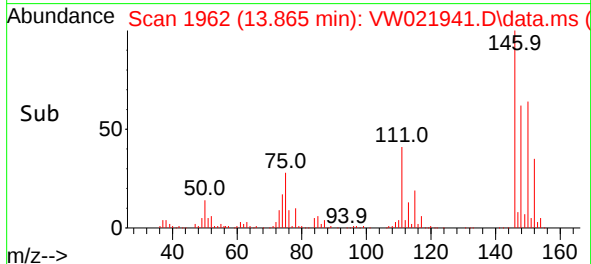
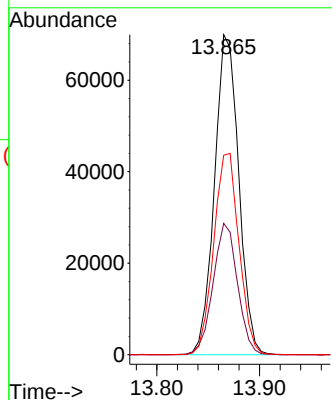
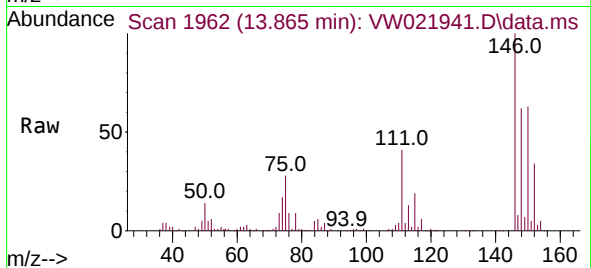
Tgt Ion:146 Resp: 114645

Ion Ratio Lower Upper

146 100

111 41.0 33.1 49.7

148 62.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.040 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021941.D

Acq: 15 Jan 2022 13:02

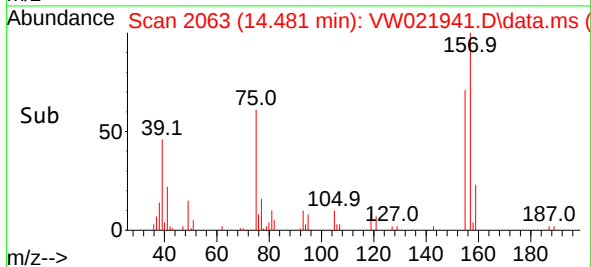
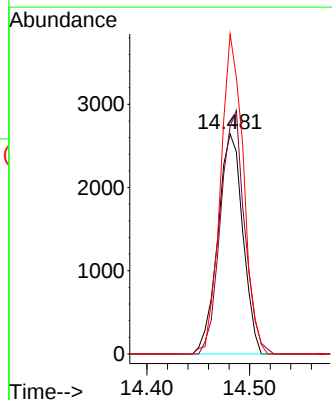
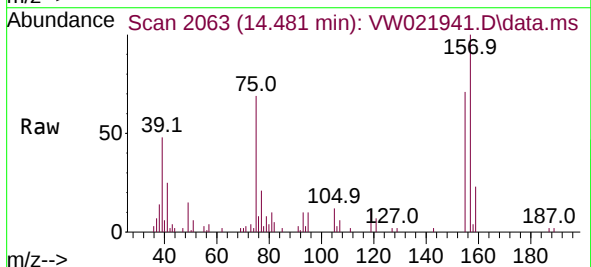
Tgt Ion: 75 Resp: 4468

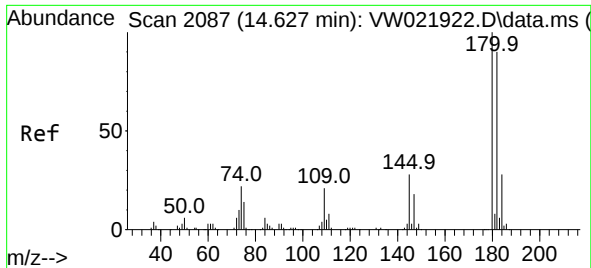
Ion Ratio Lower Upper

75 100

155 103.4 54.2 81.2#

157 145.4 69.4 104.2#

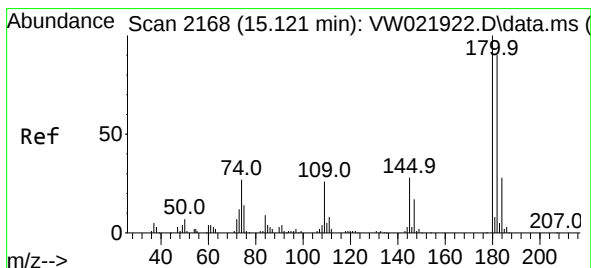
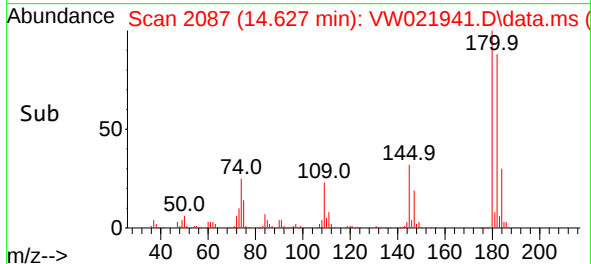
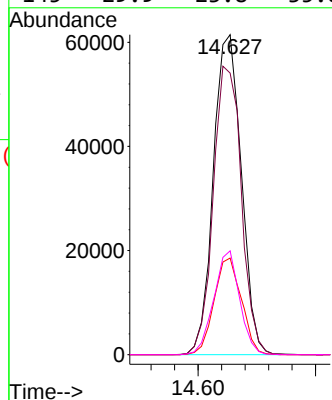
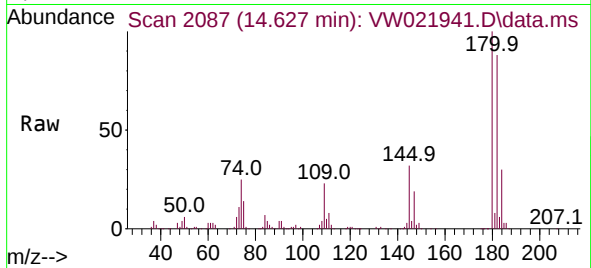




#69
1,3,5-Trichlorobenzene
Concen: 22.256 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

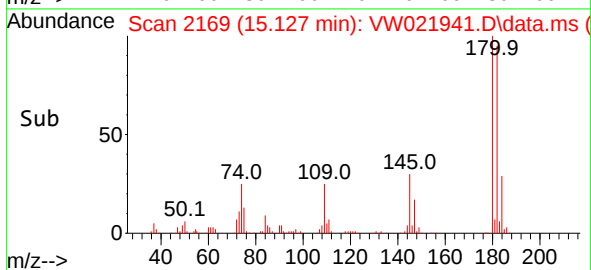
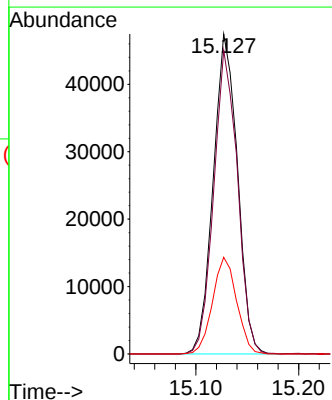
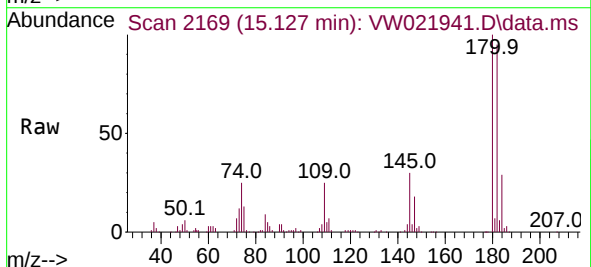
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

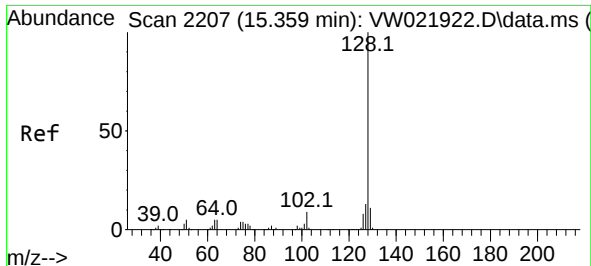
Tgt Ion:180 Resp: 101638
Ion Ratio Lower Upper
180 100
182 90.6 75.4 113.0
184 29.5 23.8 35.8
145 29.9 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 21.288 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion:180 Resp: 77465
Ion Ratio Lower Upper
180 100
182 92.9 79.0 118.6
145 30.2 26.0 39.0

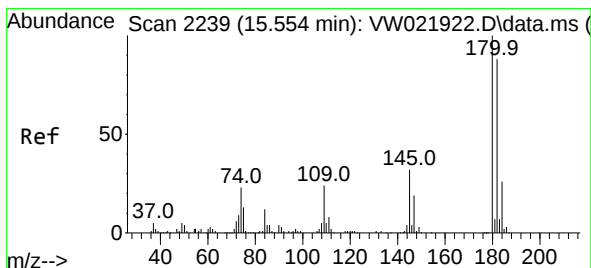
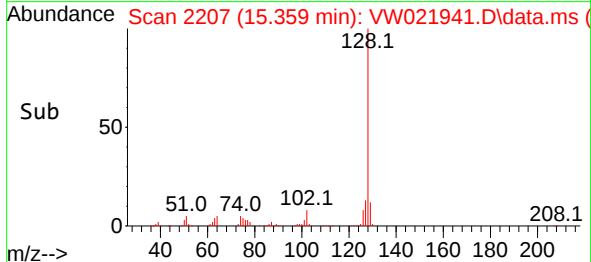
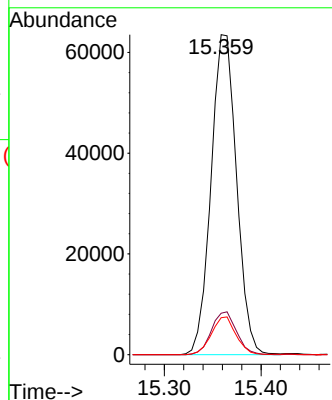
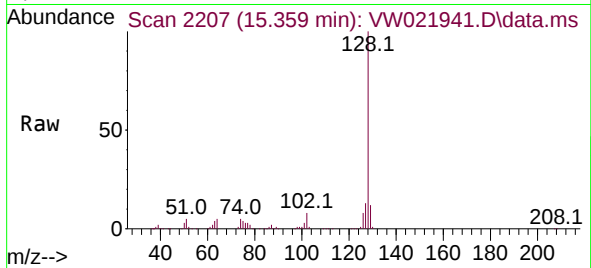




#71
Naphthalene
Concen: 20.774 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion:128 Resp: 116612
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 20.479 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021941.D
Acq: 15 Jan 2022 13:02

Tgt Ion:180 Resp: 61540
Ion Ratio Lower Upper
180 100
182 93.2 76.6 114.8
145 32.6 27.4 41.0

