

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021769.D
 Acq On : 07 Jan 2022 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025524

Quant Time: Jan 07 21:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	160396	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	153324	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	64732	20.469	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.885	69	49380	23.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.019	63	114079	24.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.600%
21) 2-Butanone-d5	7.086	46	19298	41.709	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.420%
24) Chloroform-d	7.653	84	128976	25.742	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	58937	22.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.274	84	249305	27.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.520%
36) 1,2-Dichloropropane-d6	9.274	67	66644	26.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	10.323	98	248082	27.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	10.579	79	27205	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	10.920	63	17048	45.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	47760	23.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	91114	25.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	18594	19.550	ug/L	94
3) Chloromethane	2.215	50	47388	19.291	ug/L	97
5) Vinyl chloride	2.361	62	69055	19.060	ug/L	97
6) Bromomethane	2.788	94	49459	20.980	ug/L	98
8) Chloroethane	2.922	64	35548	20.590	ug/L	97
9) Trichlorofluoromethane	3.263	101	55856	25.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	61579	23.195	ug/L	91
12) 1,1-Dichloroethene	4.043	96	56105	23.628	ug/L	76
13) Acetone	4.141	43	12261	31.211	ug/L	85
14) Carbon disulfide	4.385	76	151521	22.051	ug/L	99
15) Methyl Acetate	4.677	43	13660	18.224	ug/L	# 82
16) Methylene chloride	4.915	84	54395	18.997	ug/L	77
17) trans-1,2-Dichloroethene	5.433	96	60817	24.245	ug/L	76
18) Methyl tert-butyl Ether	5.427	73	72593	20.783	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	89991	22.995	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	63150	24.252	ug/L	71
22) 2-Butanone	7.177	43	18561	34.754	ug/L	80
23) Bromochloromethane	7.518	128	30061	23.883	ug/L	# 55
25) Chloroform	7.677	83	102539	22.714	ug/L	98

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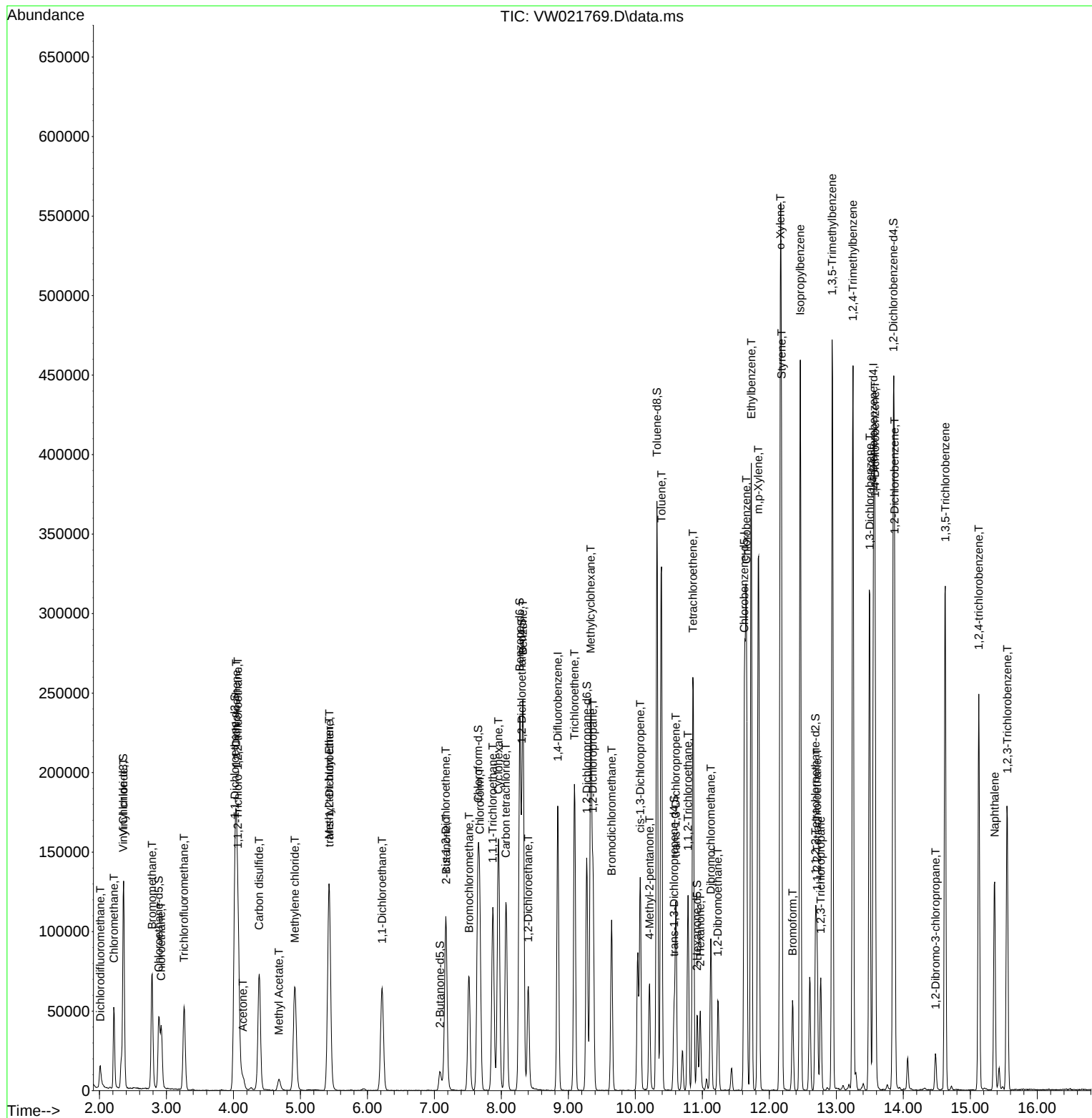
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	57554	19.656	ug/L	96
29) Cyclohexane	7.957	56	86368	24.359	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	94729	23.416	ug/L #	92
31) Carbon tetrachloride	8.067	117	92649	23.552	ug/L	99
33) Benzene	8.323	78	222838	23.820	ug/L	100
34) Trichloroethene	9.091	95	65772	24.766	ug/L	88
35) Methylcyclohexane	9.335	83	111748	25.504	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	47618	22.967	ug/L #	95
38) Bromodichloromethane	9.646	83	67637	21.374	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	78500	23.174	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	40791	35.715	ug/L #	87
42) Toluene	10.390	91	257981	23.889	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	64195	21.092	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	38665	22.453	ug/L	94
46) Tetrachloroethene	10.859	164	61558	24.752	ug/L	97
48) 2-Hexanone	10.969	43	29548	38.096	ug/L #	88
49) Dibromochloromethane	11.128	129	50017	21.617	ug/L	99
50) 1,2-Dibromoethane	11.231	107	37831	21.874	ug/L #	98
51) Chlorobenzene	11.658	112	171788	24.654	ug/L	89
52) Ethylbenzene	11.731	91	282321	23.290	ug/L	94
53) m,p-Xylene	11.835	106	119075	24.515	ug/L	77
54) o-Xylene	12.164	106	112068	24.343	ug/L	81
55) Styrene	12.182	104	180157	22.786	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	38565	20.245	ug/L #	93
59) Bromoform	12.347	173	26382	19.723	ug/L	98
60) Isopropylbenzene	12.463	105	306030	23.954	ug/L	93
61) 1,2,3-Trichloropropane	12.767	75	27954	19.932	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	258291	23.913	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	252935	23.575	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	141583	23.471	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	137717	22.896	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	121908	23.148	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4956	16.048	ug/L #	47
69) 1,3,5-Trichlorobenzene	14.627	180	106060	23.935	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	81302	22.986	ug/L	94
71) Naphthalene	15.365	128	121888	21.180	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	66070	22.190	ug/L	96

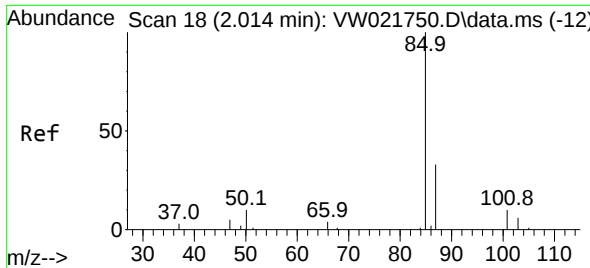
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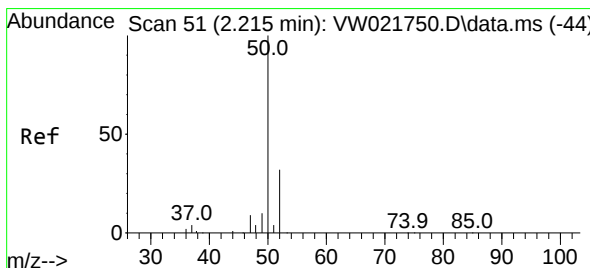
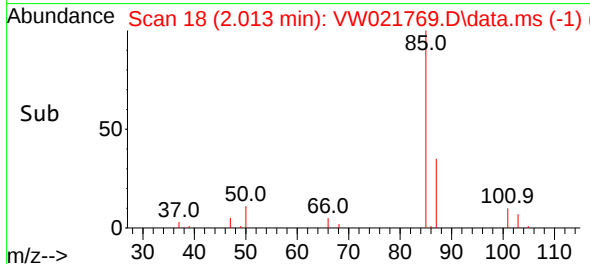
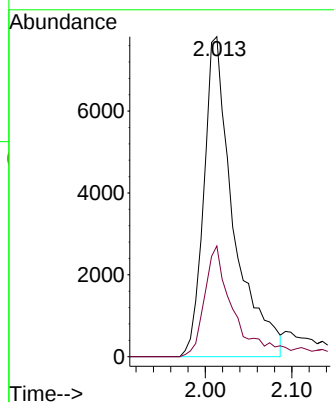
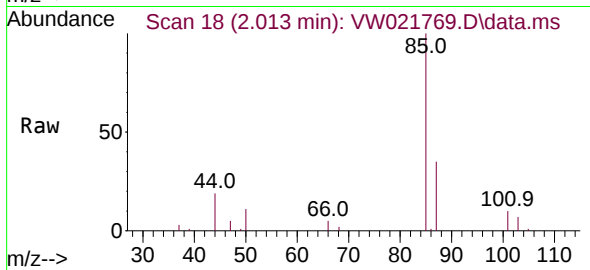




#2
Dichlorodifluoromethane
Concen: 19.550 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

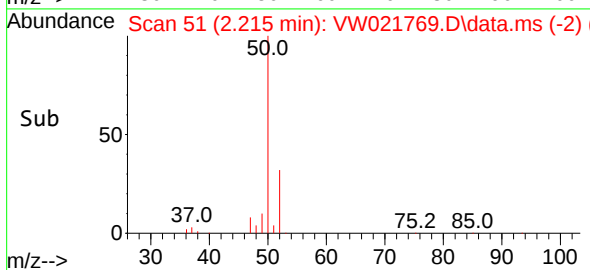
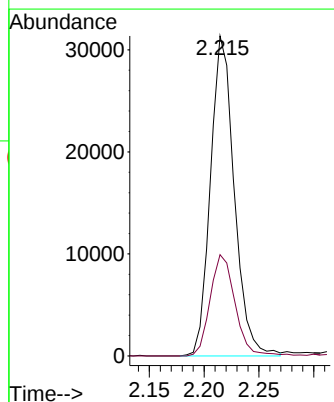
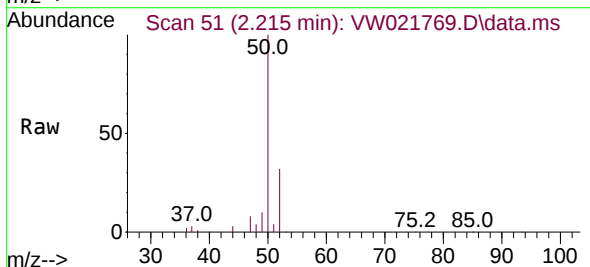
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MSVOA_W
ClientSampleId :
VSTD025524

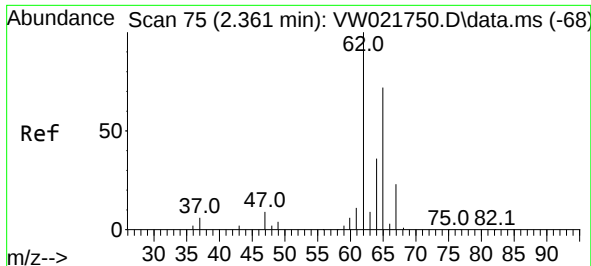
Tgt Ion: 85 Resp: 18594
Ion Ratio Lower Upper
85 100
87 29.1 25.8 38.6



#3
Chloromethane
Concen: 19.291 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 50 Resp: 47388
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.6

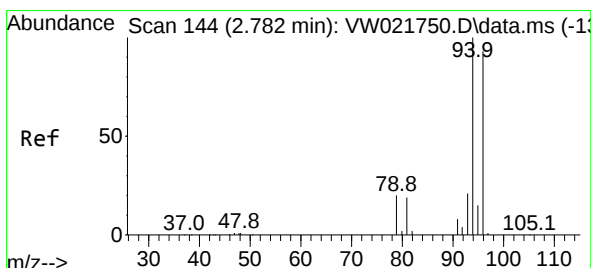
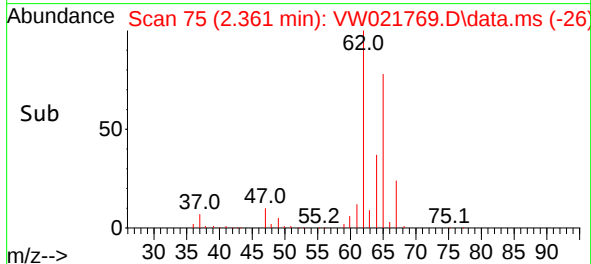
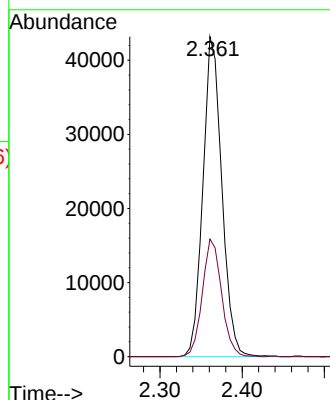
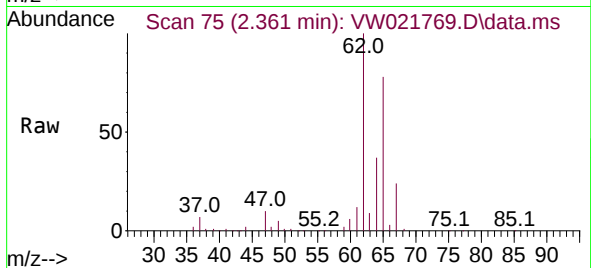




#5
 Vinyl chloride
 Concen: 19.060 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021769.D
 Acq: 07 Jan 2022 09:36

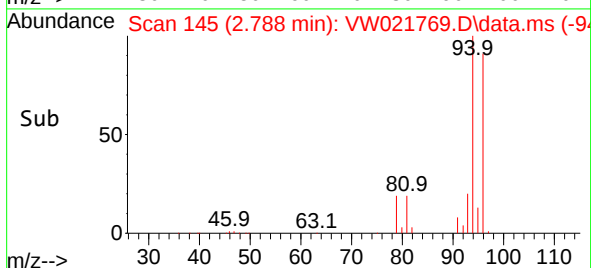
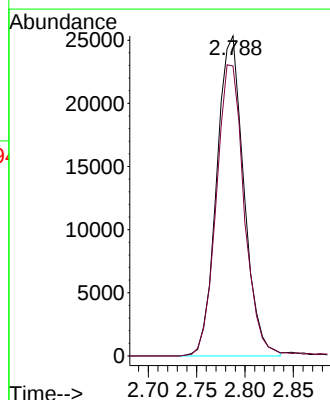
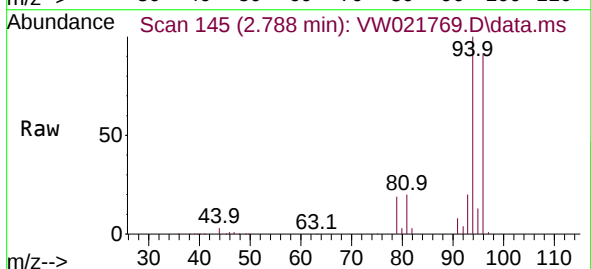
Instrument :
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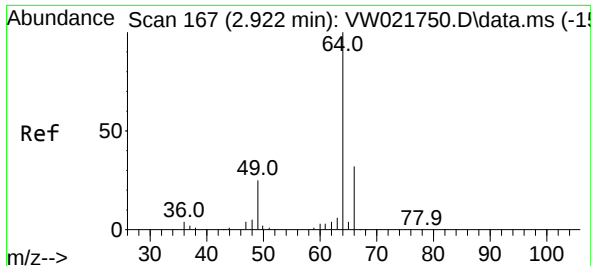
Tgt Ion: 62 Resp: 69055
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.4 45.2



#6
 Bromomethane
 Concen: 20.980 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.012 min
 Lab File: VW021769.D
 Acq: 07 Jan 2022 09:36

Tgt Ion: 94 Resp: 49459
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.8 120.4





#8

Chloroethane

Concen: 20.590 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

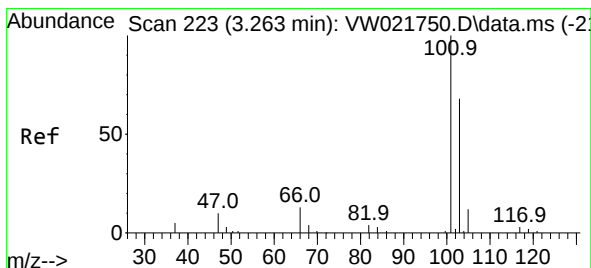
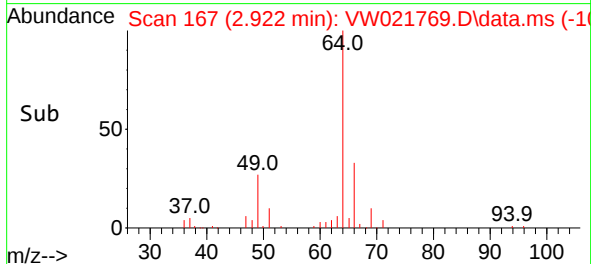
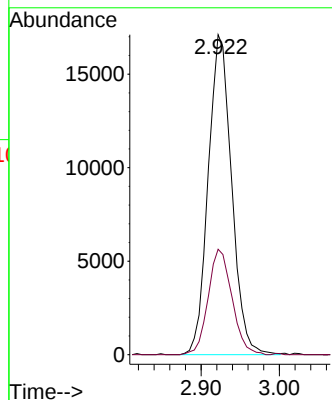
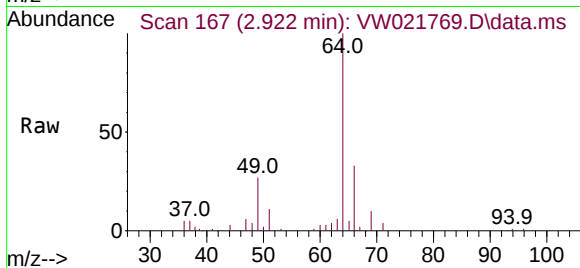
VSTD025524

Tgt Ion: 64 Resp: 35548

Ion Ratio Lower Upper

64 100

66 33.0 22.0 40.8



#9

Trichlorofluoromethane

Concen: 25.623 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.006 min

Lab File: VW021769.D

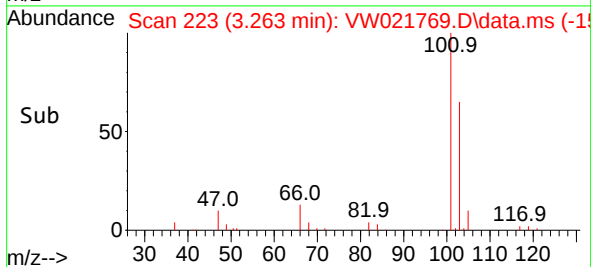
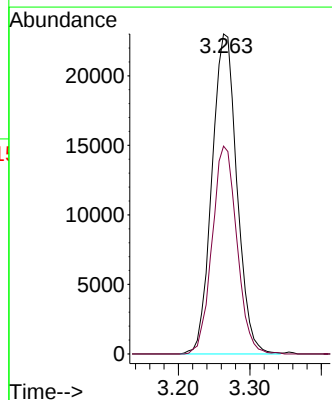
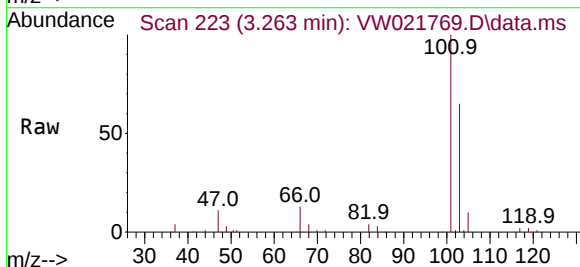
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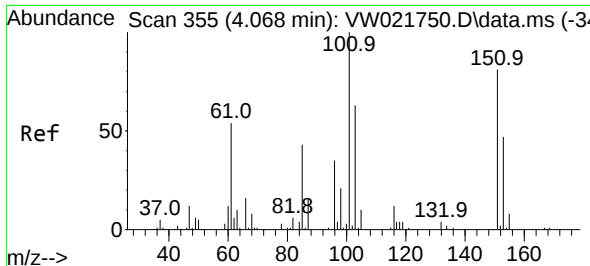
Tgt Ion:101 Resp: 55856

Ion Ratio Lower Upper

101 100

103 64.2 51.4 77.2

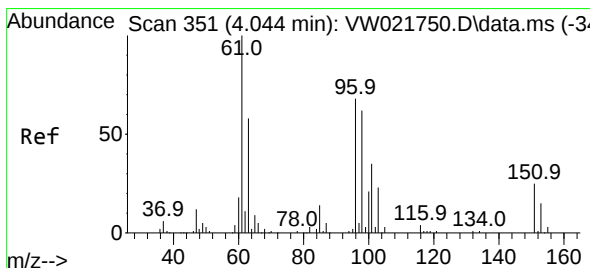
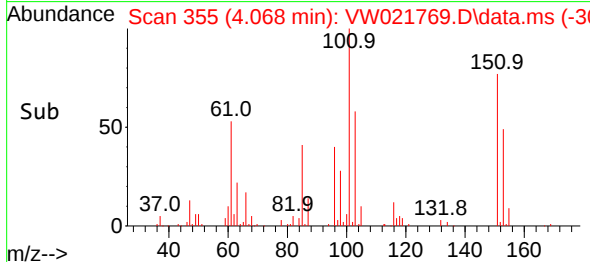
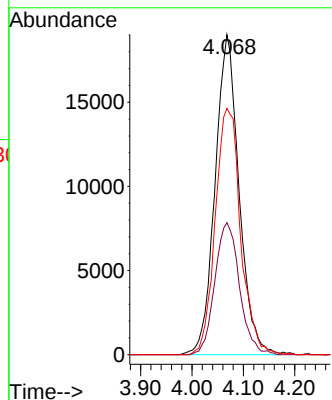
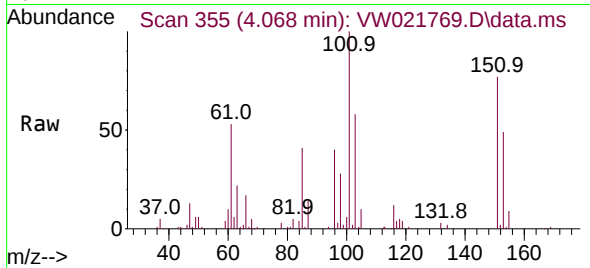




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.195 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW021769.D
 Acq: 07 Jan 2022 09:36

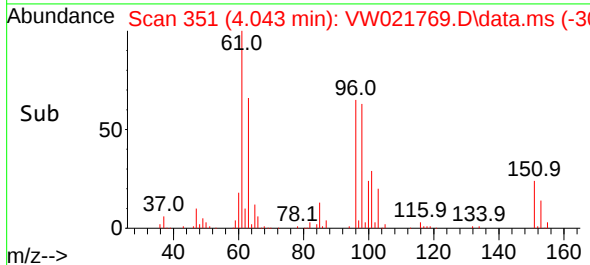
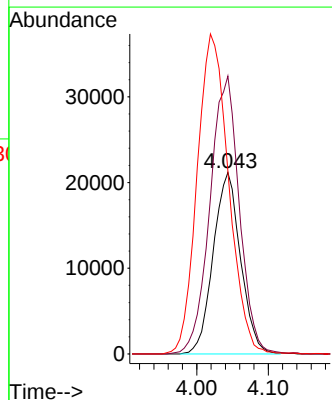
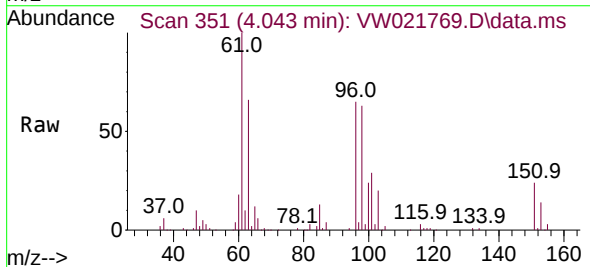
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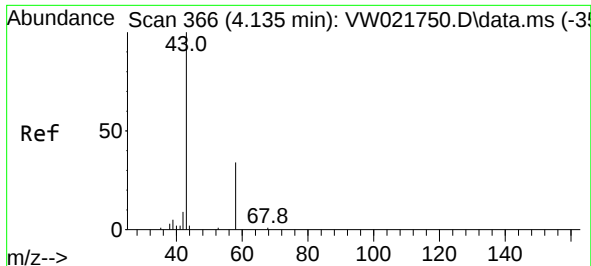
Tgt Ion:	101	Resp:	61579
Ion	Ratio	Lower	Upper
101	100		
85	42.3	36.6	54.8
151	81.5	57.4	86.0



#12
 1,1-Dichloroethene
 Concen: 23.628 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021769.D
 Acq: 07 Jan 2022 09:36

Tgt Ion:	96	Resp:	56105
Ion	Ratio	Lower	Upper
96	100		
61	153.1	138.3	256.9
63	100.8	82.6	153.4





#13

Acetone

Concen: 31.211 ug/L

RT: 4.141 min Scan# 367

Delta R.T. 0.012 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

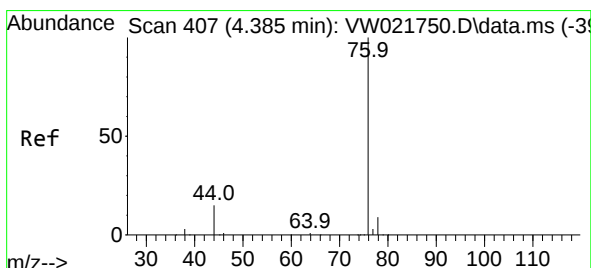
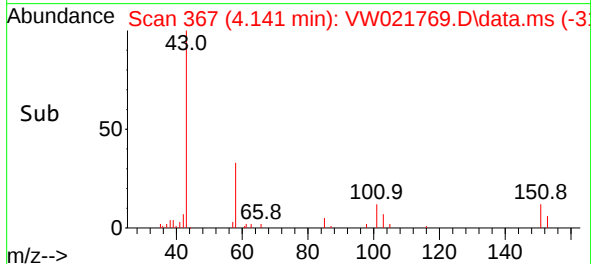
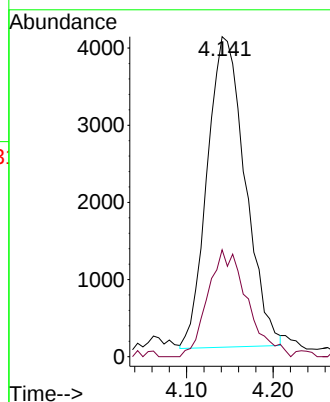
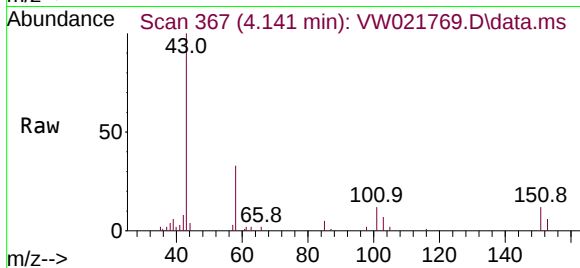
VSTD025524

Tgt Ion: 43 Resp: 12261

Ion Ratio Lower Upper

43 100

58 18.9 0.0 52.8



#14

Carbon disulfide

Concen: 22.051 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021769.D

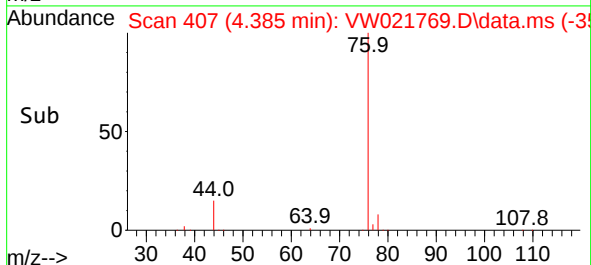
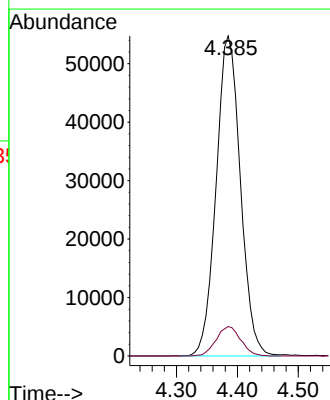
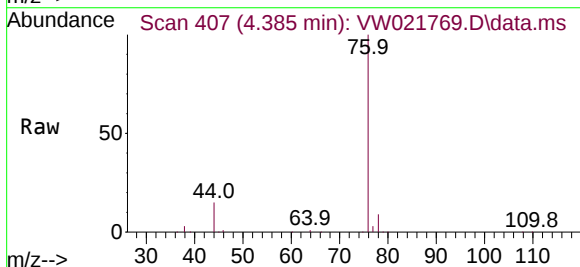
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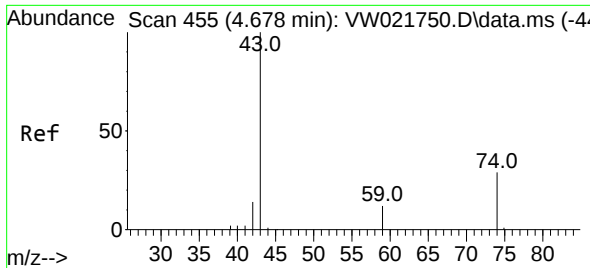
Tgt Ion: 76 Resp: 151521

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

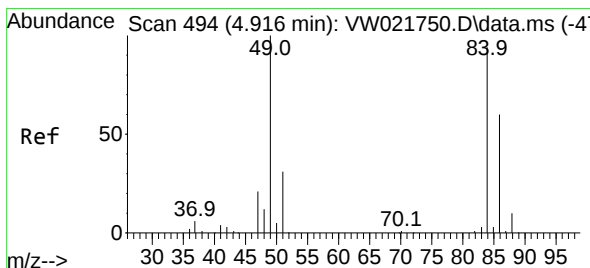
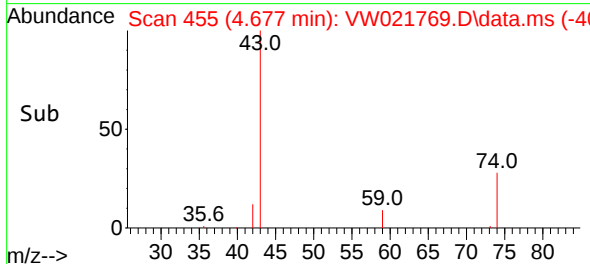
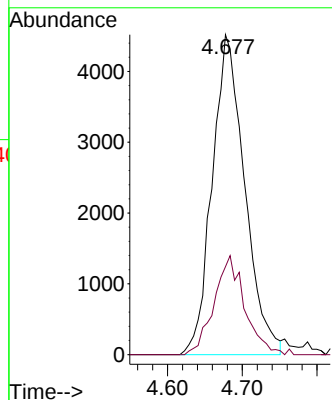
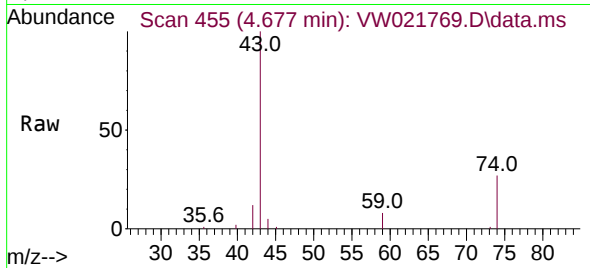




#15
Methyl Acetate
Concen: 18.224 ug/L
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

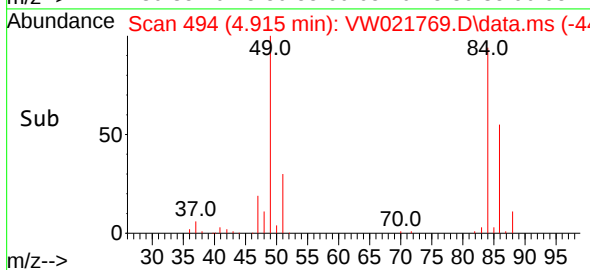
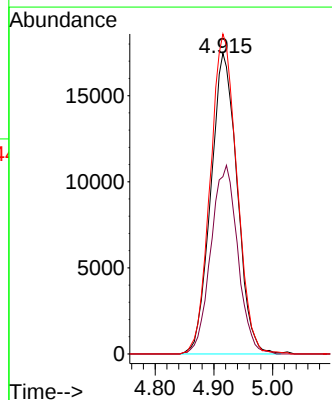
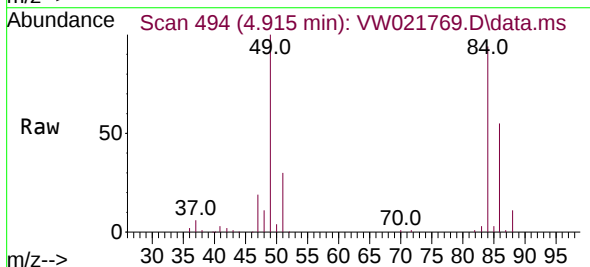
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

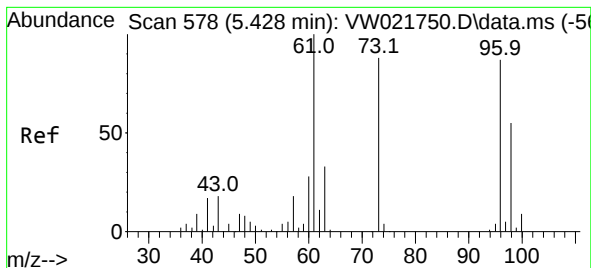
Tgt Ion: 43 Resp: 13660
Ion Ratio Lower Upper
43 100
74 28.8 16.4 24.6#



#16
Methylene chloride
Concen: 18.997 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 84 Resp: 54395
Ion Ratio Lower Upper
84 100
86 58.9 45.5 84.5
49 106.4 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.245 ug/L

RT: 5.433 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

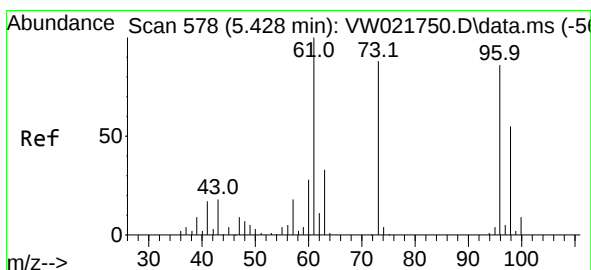
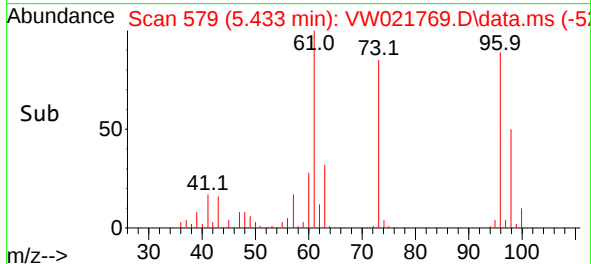
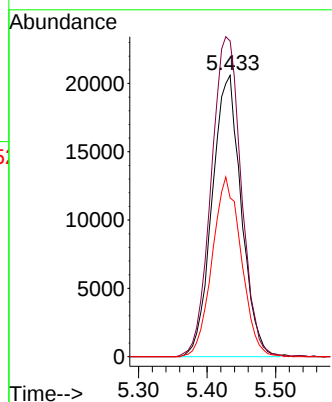
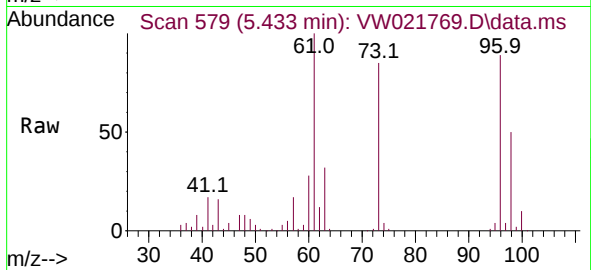
Tgt Ion: 96 Resp: 60817

Ion Ratio Lower Upper

96 100

61 112.2 107.4 199.4

98 56.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 20.783 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

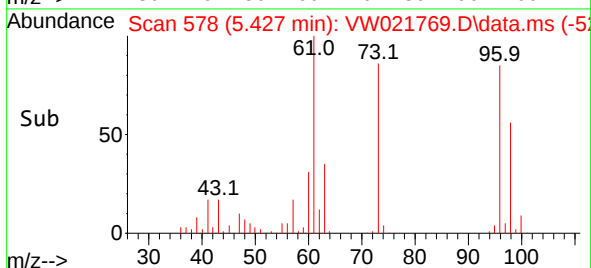
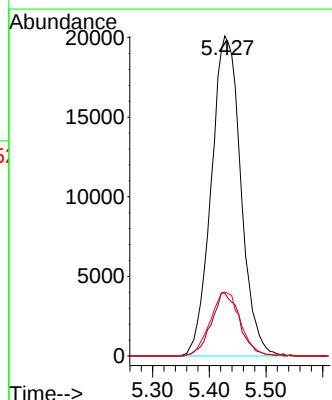
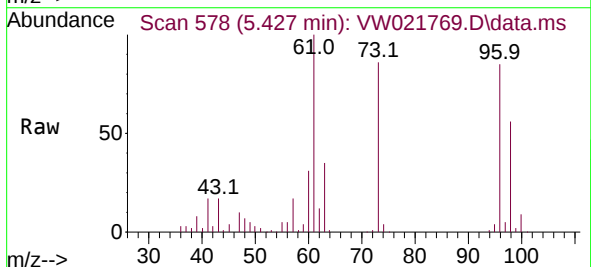
Tgt Ion: 73 Resp: 72593

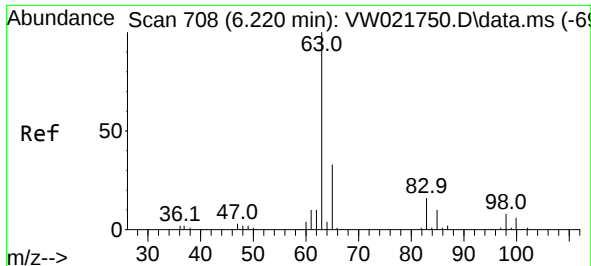
Ion Ratio Lower Upper

73 100

43 18.9 19.5 29.3#

57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.995 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

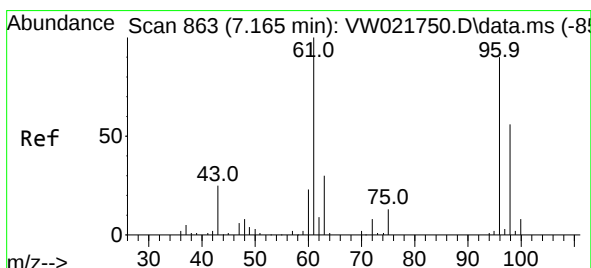
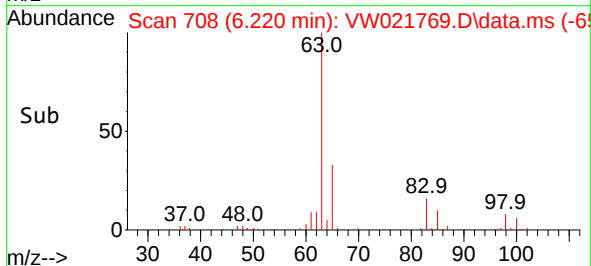
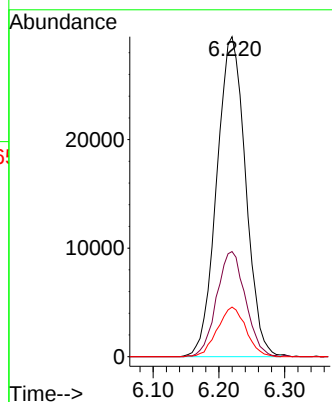
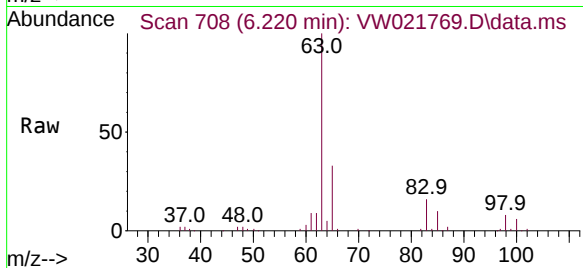
Tgt Ion: 63 Resp: 89991

Ion Ratio Lower Upper

63 100

65 32.9 22.1 41.1

83 15.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.252 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

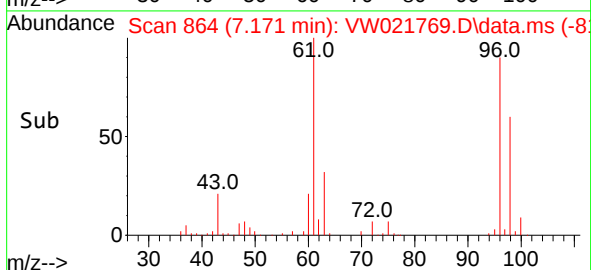
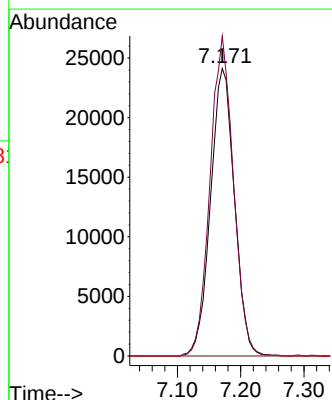
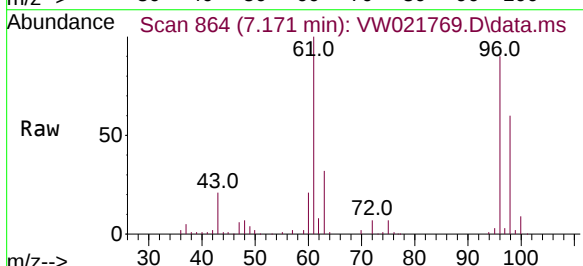
Tgt Ion: 96 Resp: 63150

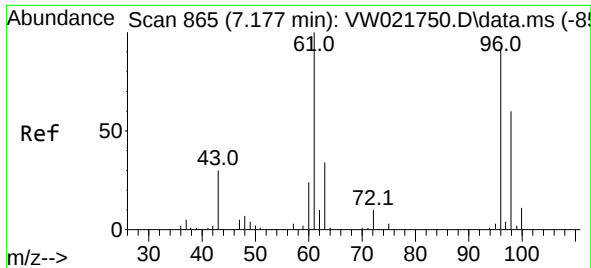
Ion Ratio Lower Upper

96 100

61 111.3 103.7 192.7

68 0.0 0.0 0.0

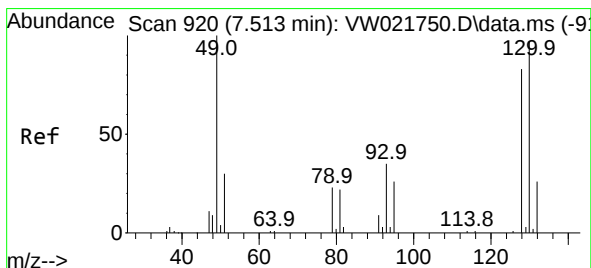
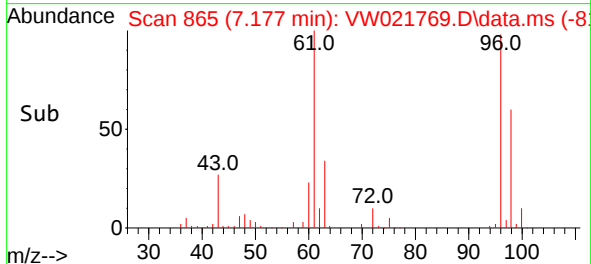
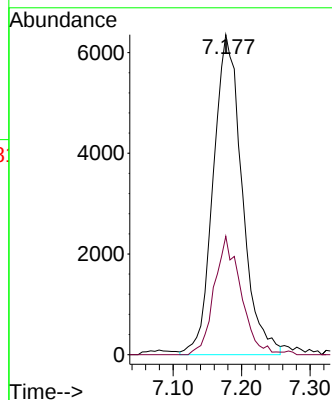
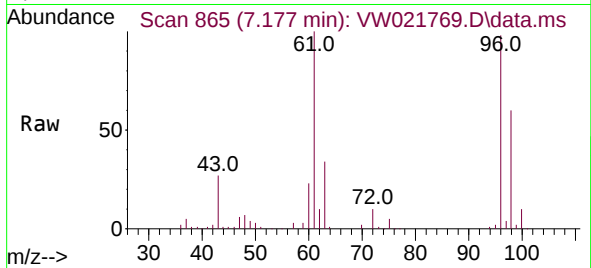




#22
2-Butanone
Concen: 34.754 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

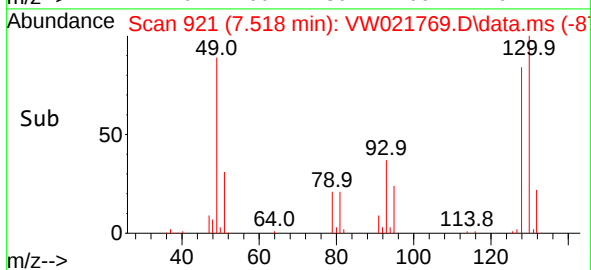
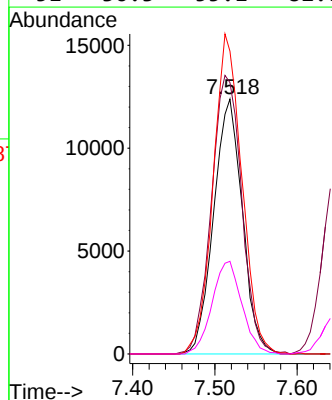
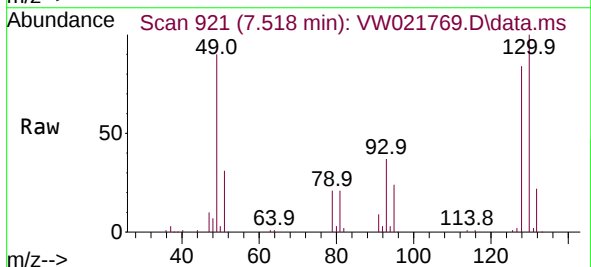
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

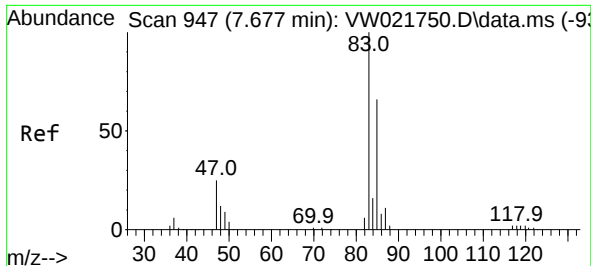
Tgt Ion: 43 Resp: 18561
Ion Ratio Lower Upper
43 100
72 33.6 11.8 35.4



#23
Bromochloromethane
Concen: 23.883 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 128 Resp: 30061
Ion Ratio Lower Upper
128 100
49 106.5 150.3 279.1#
130 118.8 88.3 163.9
51 36.3 55.1 82.7#

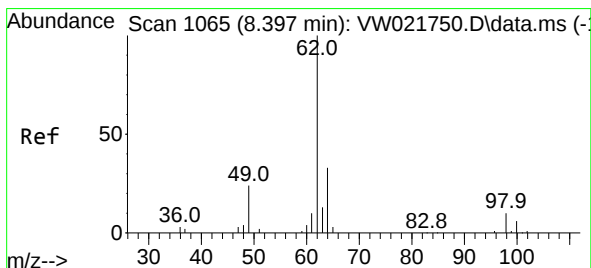
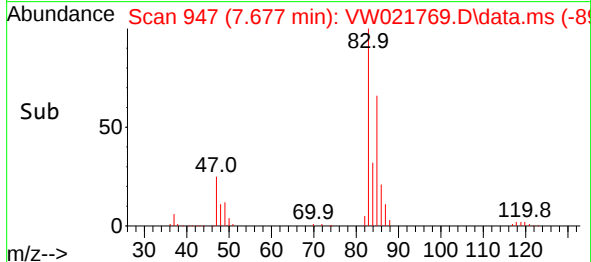
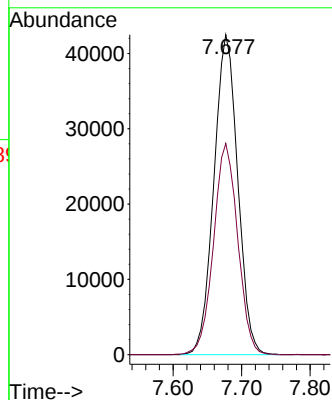
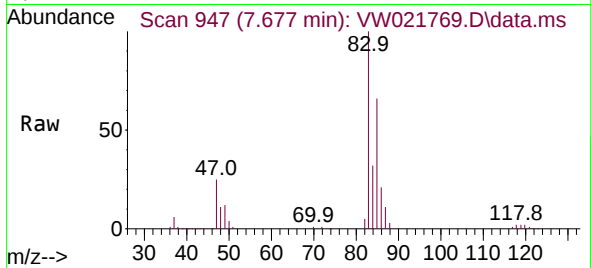




#25
Chloroform
Concen: 22.714 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

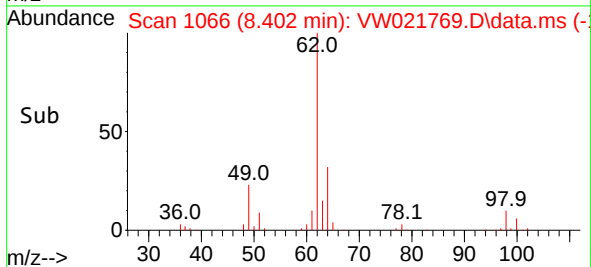
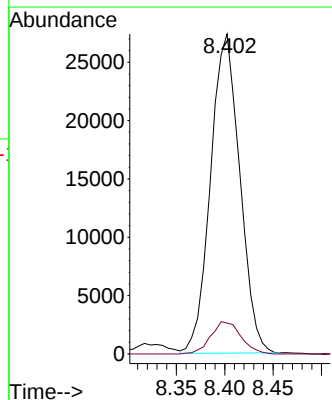
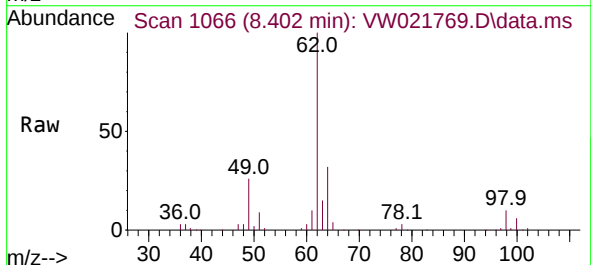
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

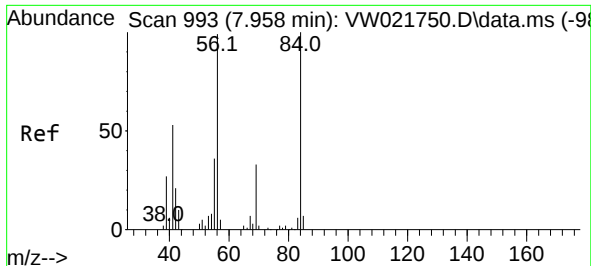
Tgt Ion: 83 Resp: 102539
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 19.656 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 62 Resp: 57554
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 24.359 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

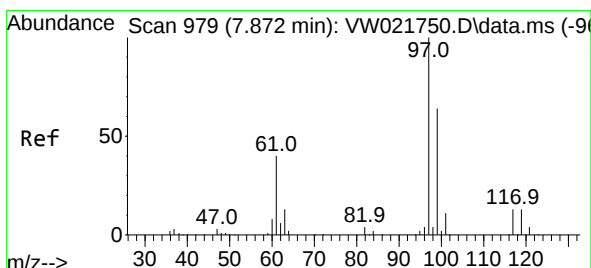
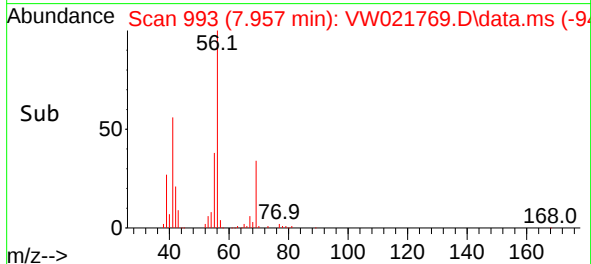
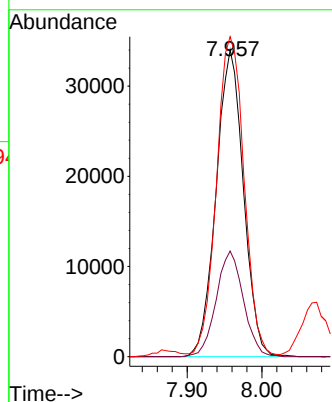
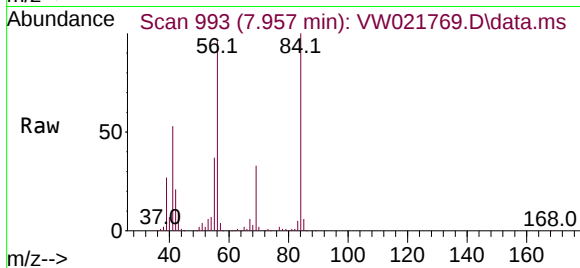
Tgt Ion: 56 Resp: 86368

Ion Ratio Lower Upper

56 100

69 34.2 23.5 35.3

84 105.8 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.416 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

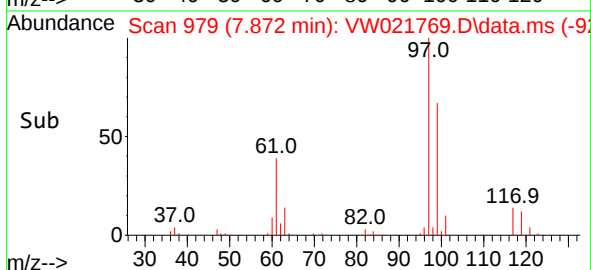
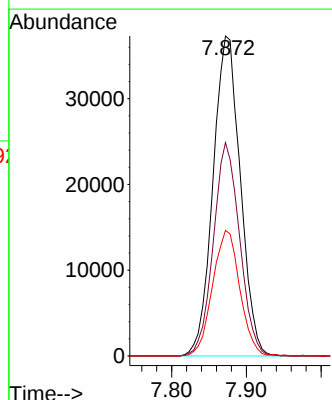
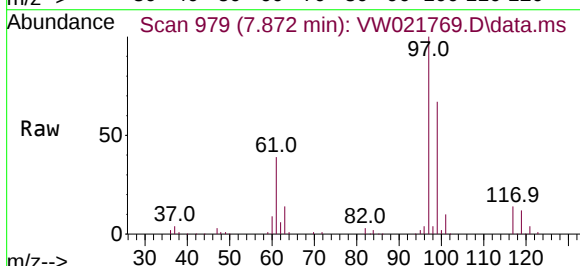
Tgt Ion: 97 Resp: 94729

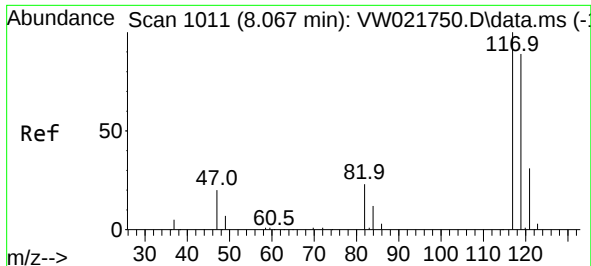
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 39.1 40.9 61.3#

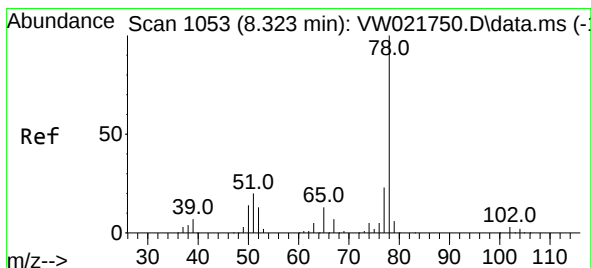
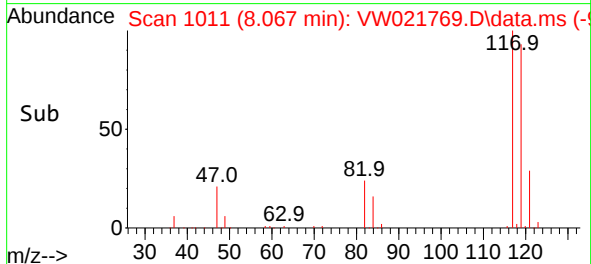
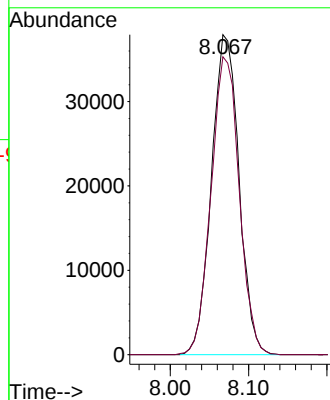
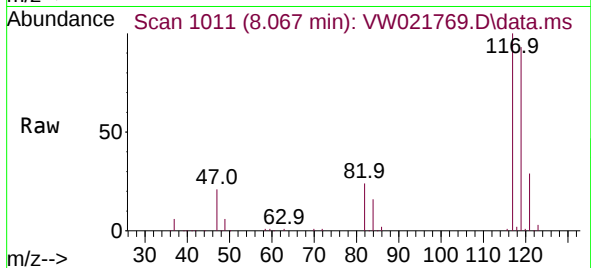




#31
Carbon tetrachloride
Concen: 23.552 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

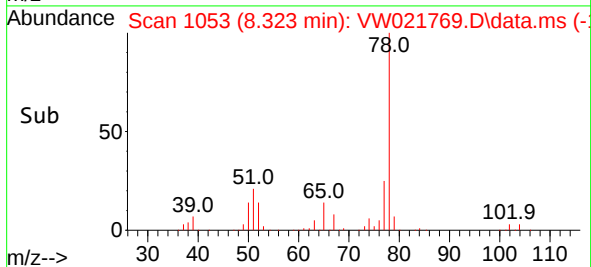
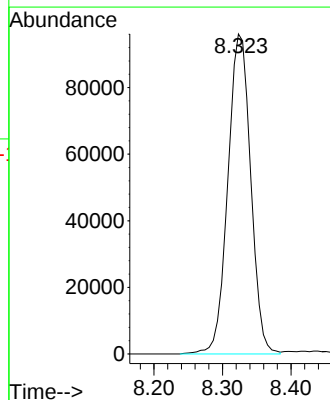
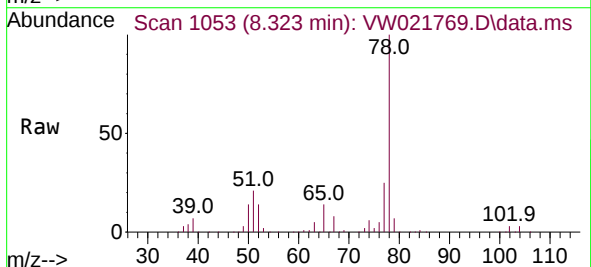
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

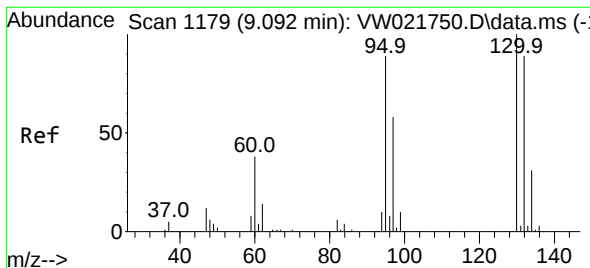
Tgt Ion:117 Resp: 92649
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 23.820 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 78 Resp: 222838





#34

Trichloroethene

Concen: 24.766 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

Tgt Ion: 95 Resp: 65772

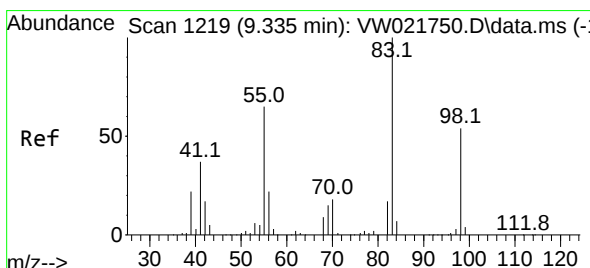
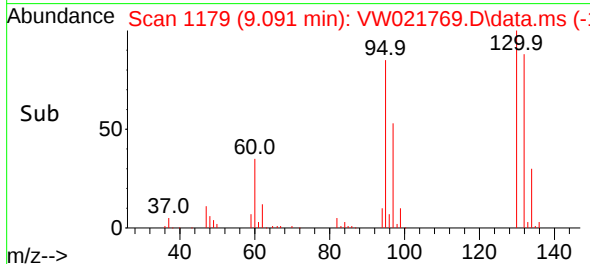
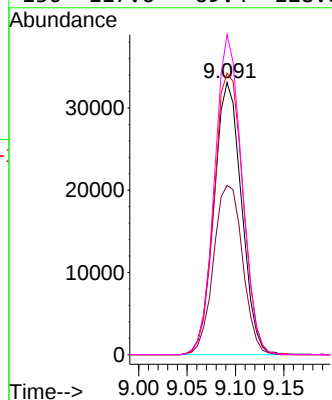
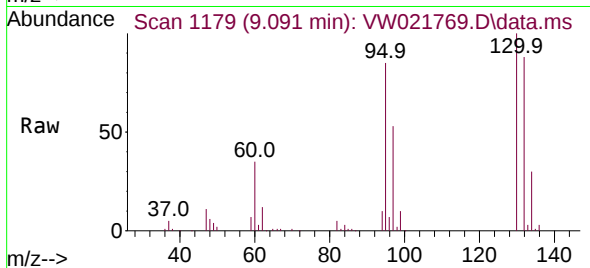
Ion Ratio Lower Upper

95 100

97 62.2 47.0 87.2

132 103.5 65.5 121.6

130 117.6 69.4 128.8



#35

Methylcyclohexane

Concen: 25.504 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

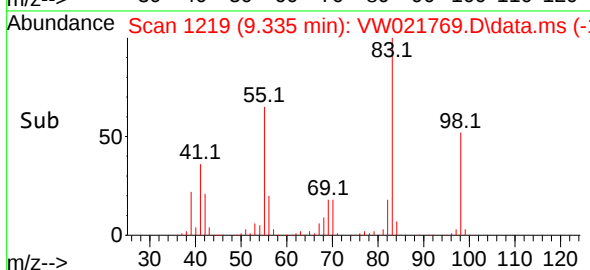
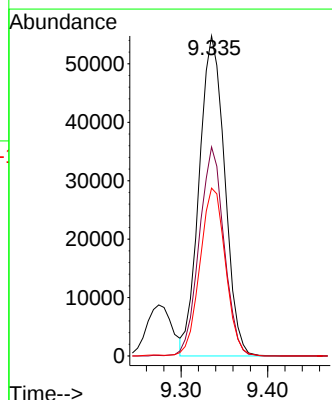
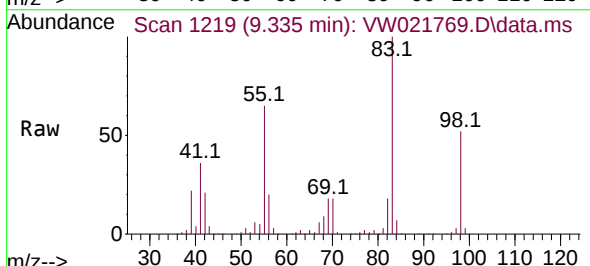
Tgt Ion: 83 Resp: 111748

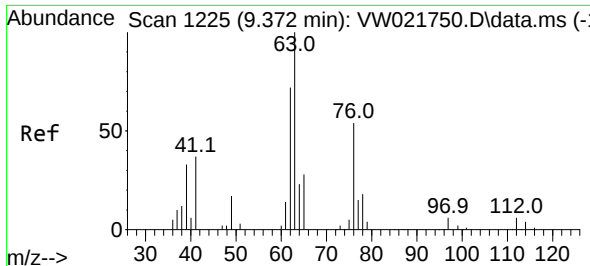
Ion Ratio Lower Upper

83 100

55 63.7 70.8 106.2#

98 52.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.967 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

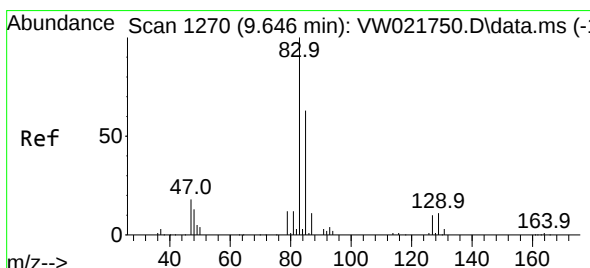
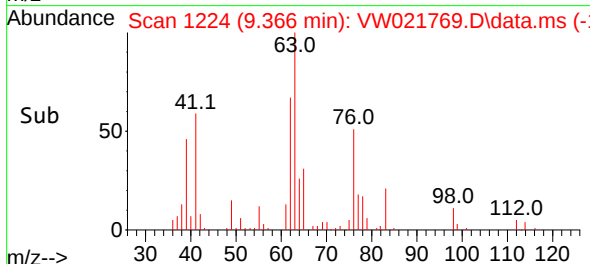
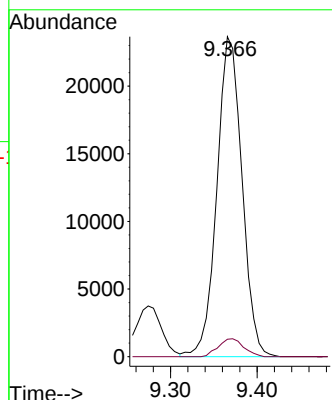
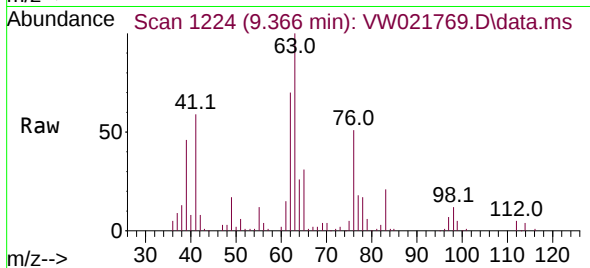
VSTD025524

Tgt Ion: 63 Resp: 47618

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 21.374 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

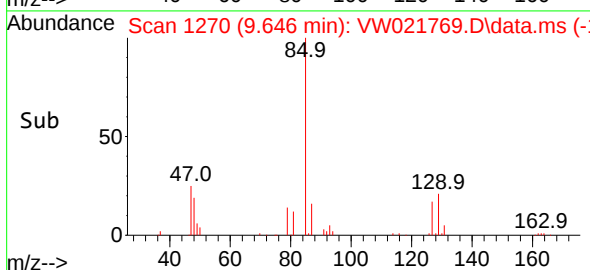
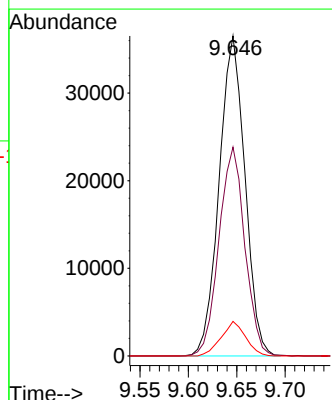
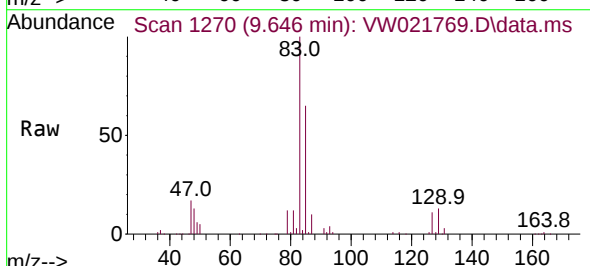
Tgt Ion: 83 Resp: 67637

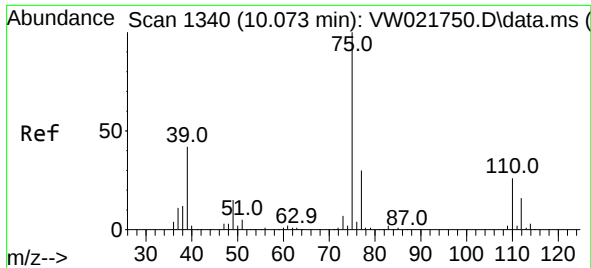
Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9

127 10.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.174 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

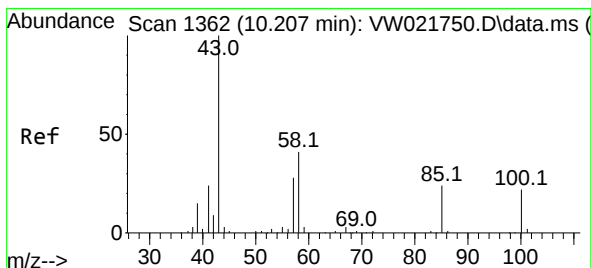
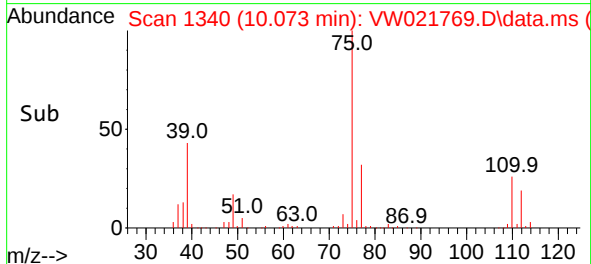
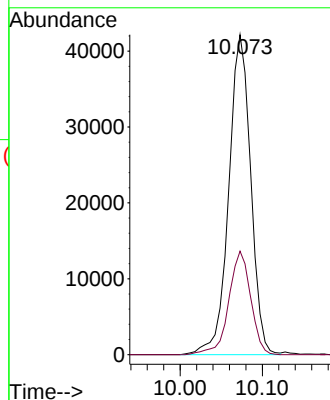
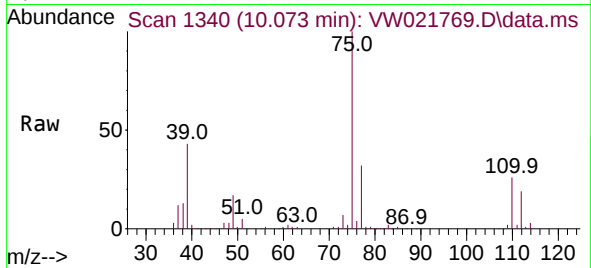
VSTD025524

Tgt Ion: 75 Resp: 78500

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 35.715 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

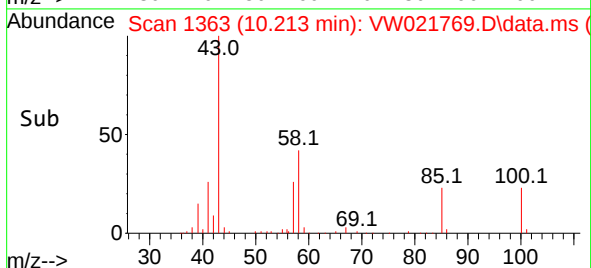
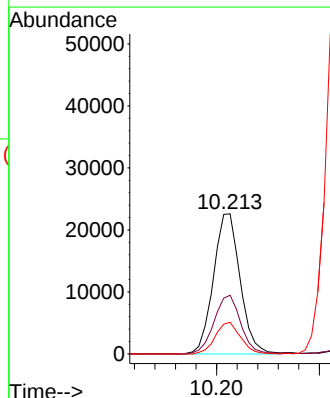
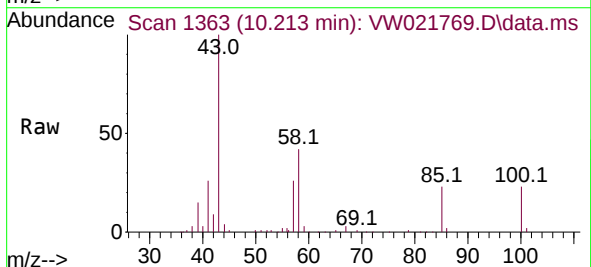
Tgt Ion: 43 Resp: 40791

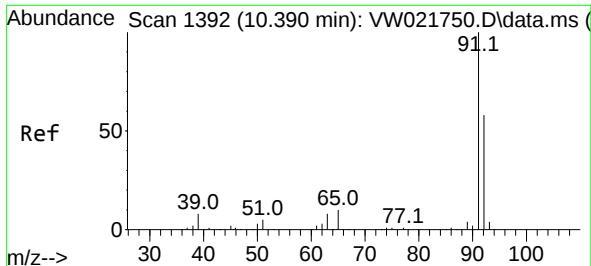
Ion Ratio Lower Upper

43 100

58 41.9 28.8 43.2

100 21.3 10.0 15.0#





#42

Toluene

Concen: 23.889 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

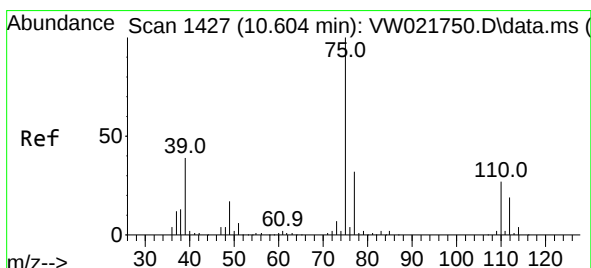
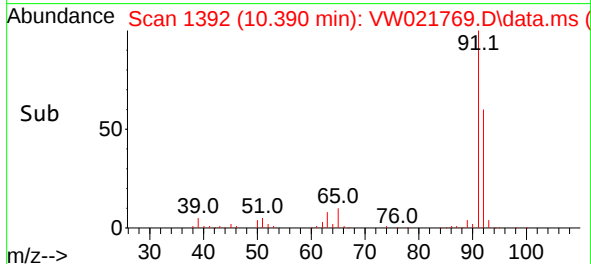
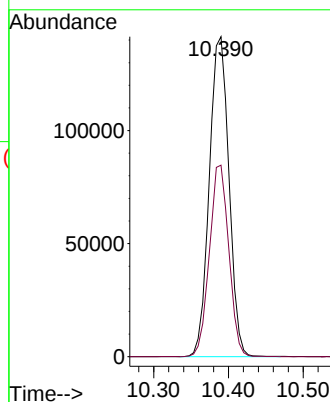
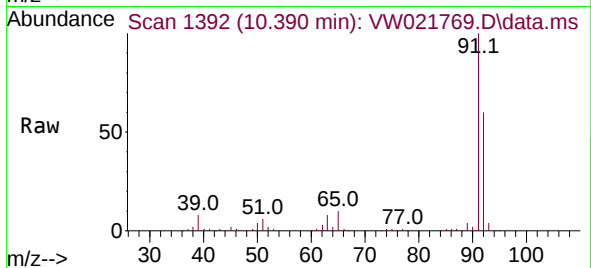
VSTD025524

Tgt Ion: 91 Resp: 257981

Ion Ratio Lower Upper

91 100

92 59.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 21.092 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021769.D

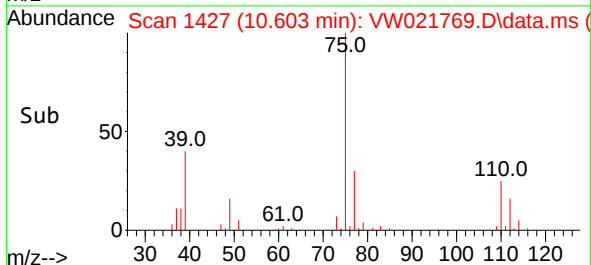
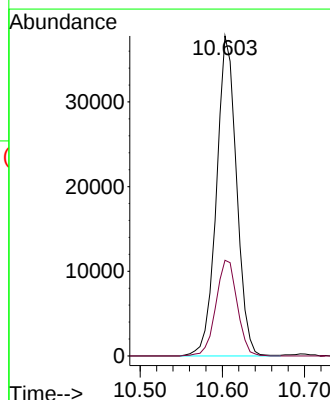
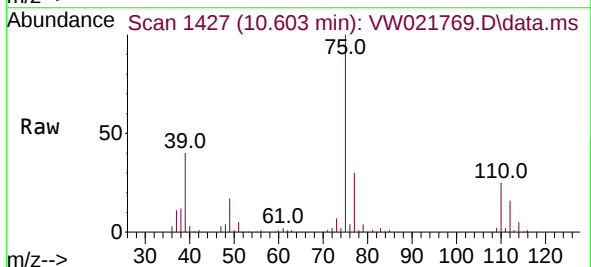
Acq: 07 Jan 2022 09:36

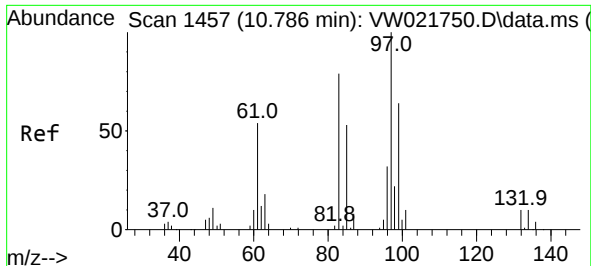
Tgt Ion: 75 Resp: 64195

Ion Ratio Lower Upper

75 100

77 29.9 22.2 41.2

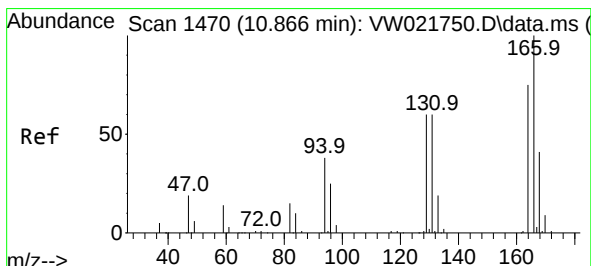
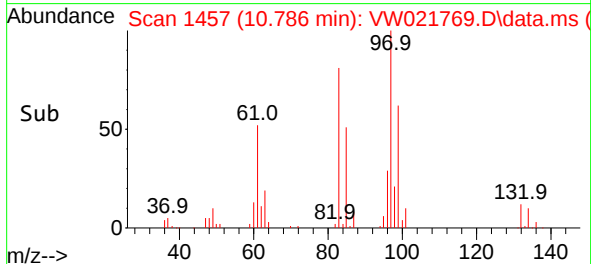
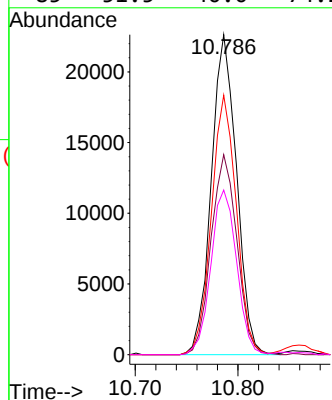
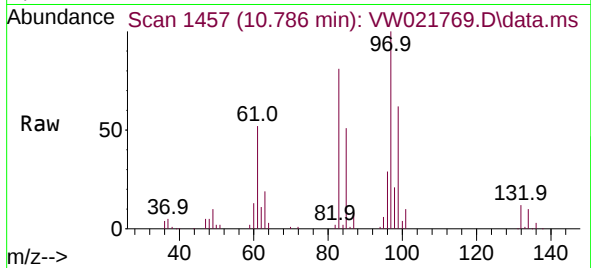




#45
1,1,2-Trichloroethane
Concen: 22.453 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

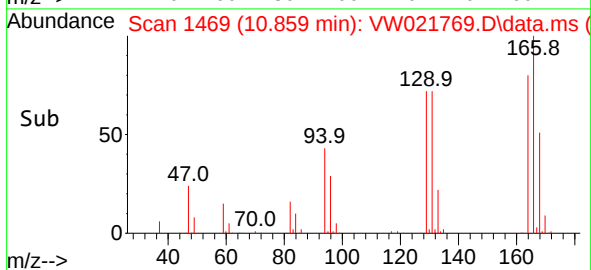
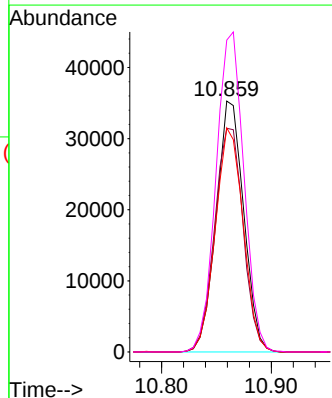
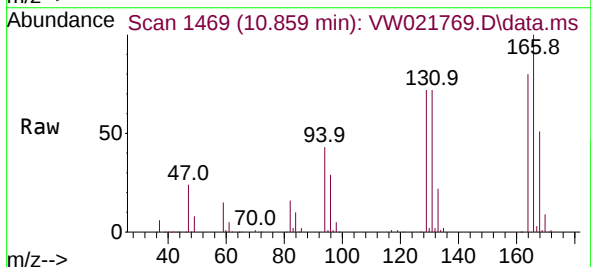
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

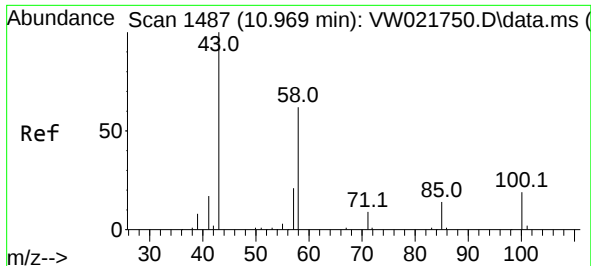
Tgt Ion: 97	Resp: 38665
Ion Ratio	Lower Upper
97 100	
99 62.5	43.0 79.8
83 81.1	62.6 116.3
85 51.5	40.0 74.2



#46
Tetrachloroethene
Concen: 24.752 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt	Ion:164	Resp:	61558
Ion	Ratio	Lower	Upper
164	100		
129	89.2	65.5	121.7
131	89.3	59.7	110.9
166	124.3	88.7	164.7

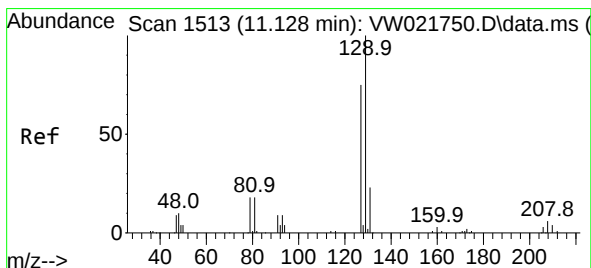
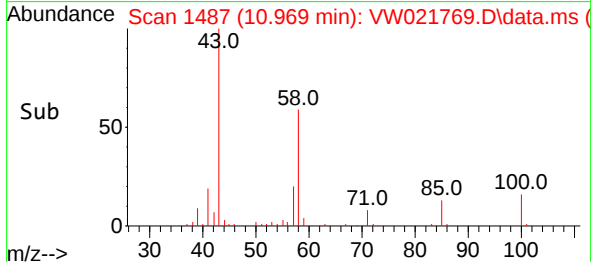
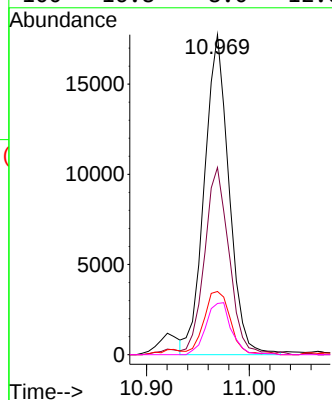
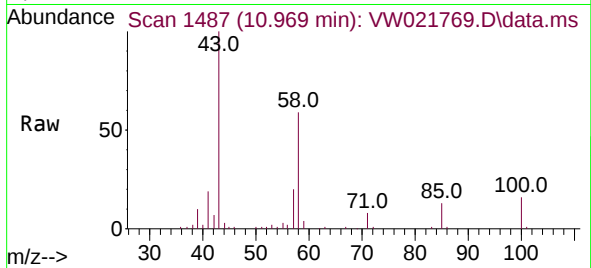




#48
2-Hexanone
Concen: 38.096 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

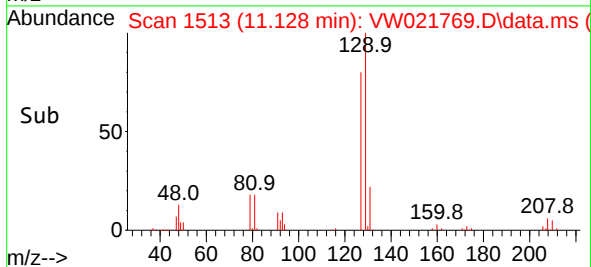
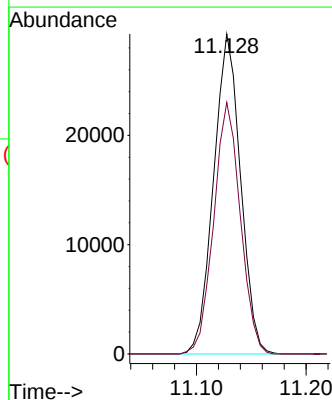
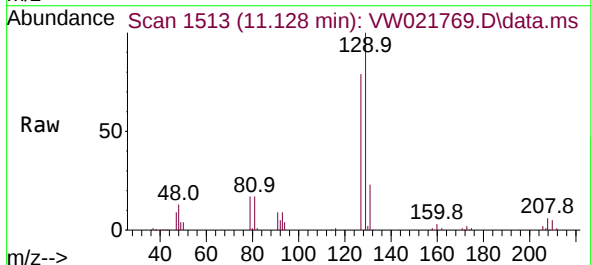
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

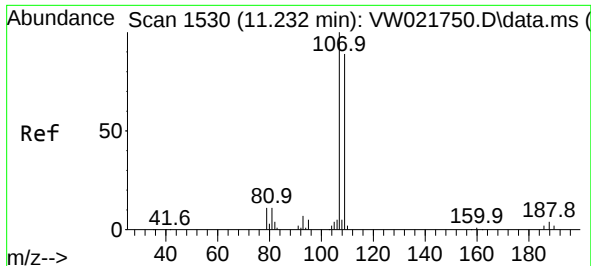
Tgt Ion:	43	Resp:	29548
Ion	Ratio	Lower	Upper
43	100		
58	58.3	40.2	60.2
57	21.1	14.3	21.5
100	16.8	8.0	12.0



#49
Dibromochloromethane
Concen: 21.617 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion:	129	Resp:	50017
Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.7	103.5





#50

1,2-Dibromoethane

Concen: 21.874 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

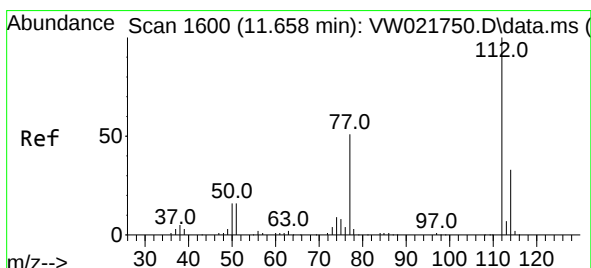
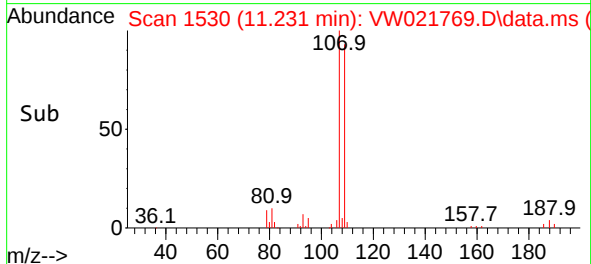
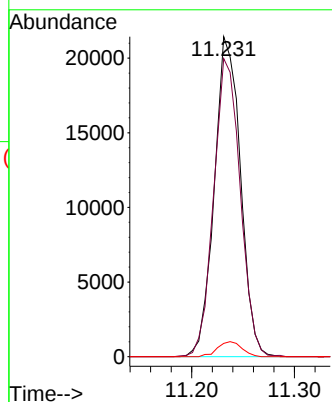
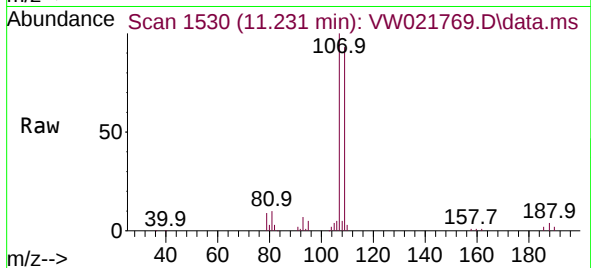
Tgt Ion:107 Resp: 37831

Ion Ratio Lower Upper

107 100

109 93.1 64.1 119.1

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 24.654 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

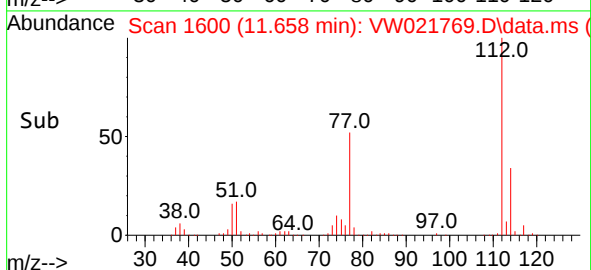
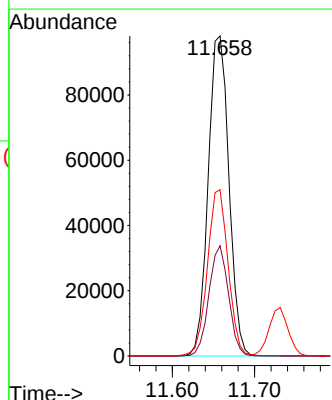
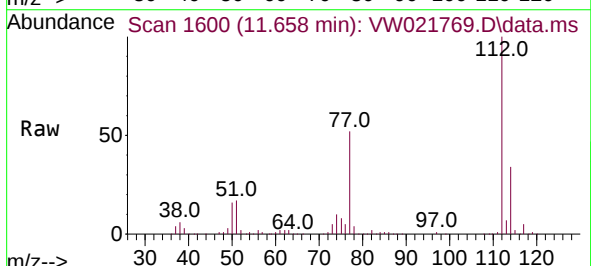
Tgt Ion:112 Resp: 171788

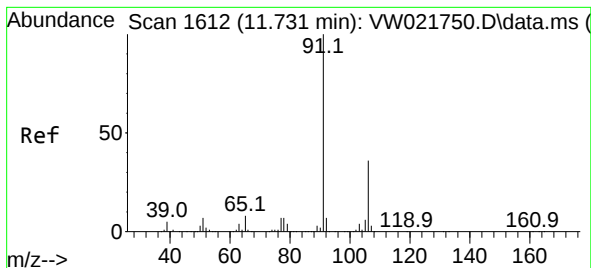
Ion Ratio Lower Upper

112 100

114 34.5 22.4 41.6

77 52.0 50.2 75.4

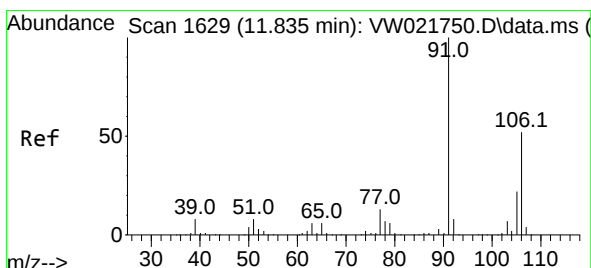
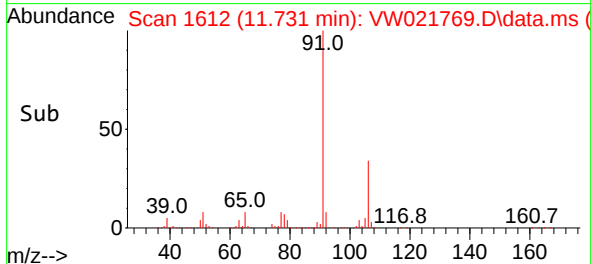
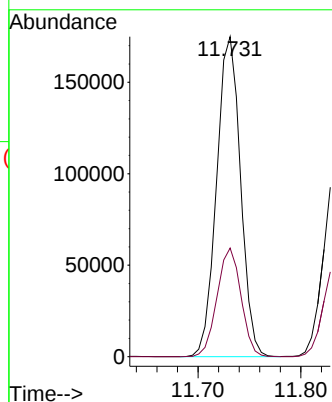
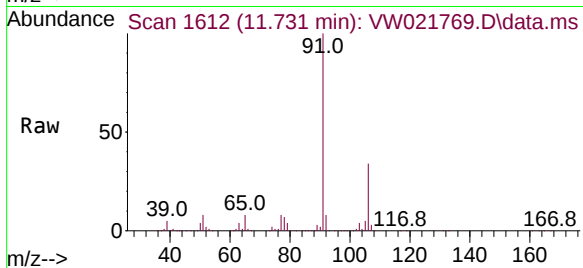




#52
Ethylbenzene
Concen: 23.290 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

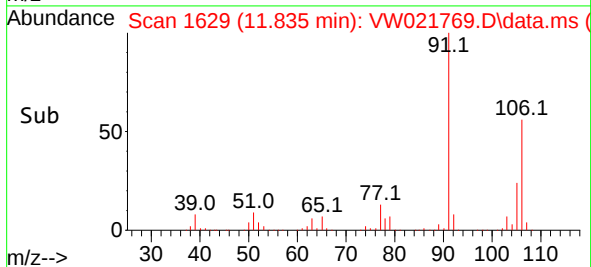
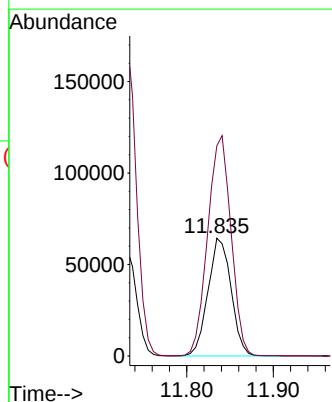
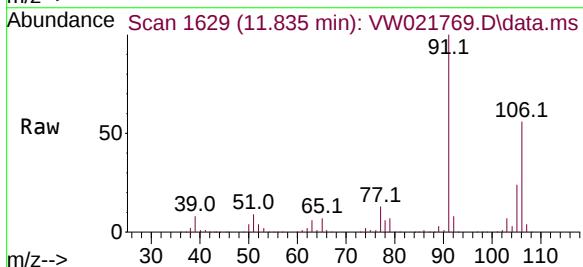
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

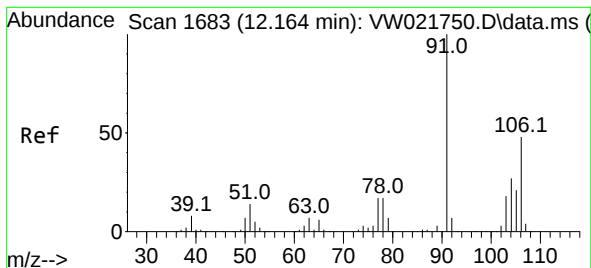
Tgt Ion: 91 Resp: 282321
Ion Ratio Lower Upper
91 100
106 34.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.515 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion:106 Resp: 119075
Ion Ratio Lower Upper
106 100
91 178.4 149.9 278.3





#54

o-Xylene

Concen: 24.343 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

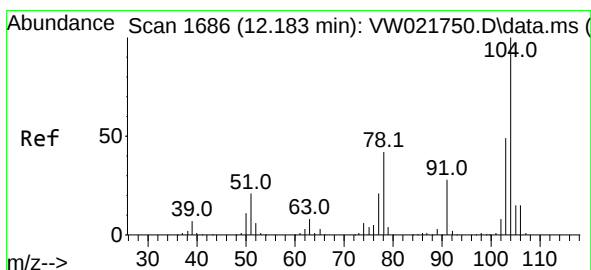
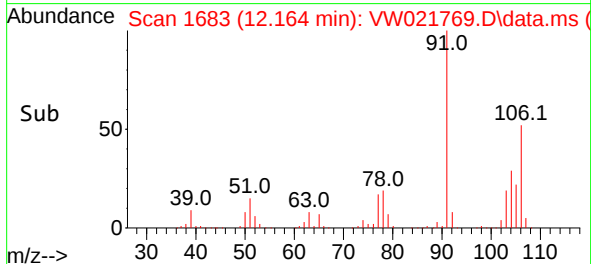
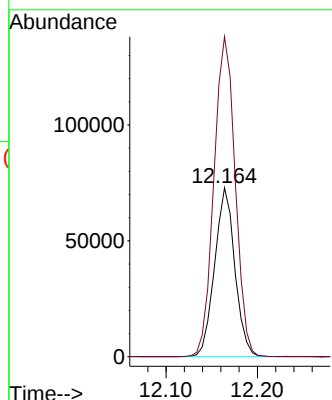
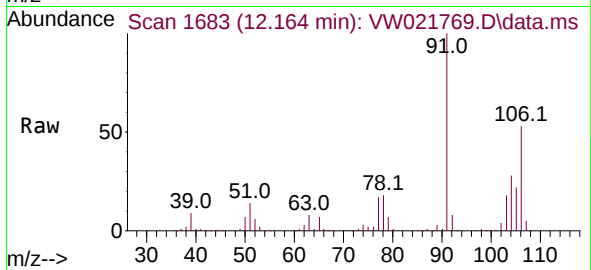
VSTD025524

Tgt Ion:106 Resp: 112068

Ion Ratio Lower Upper

106 100

91 189.5 153.6 285.3



#55

Styrene

Concen: 22.786 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW021769.D

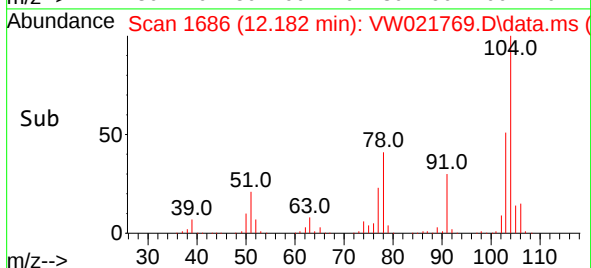
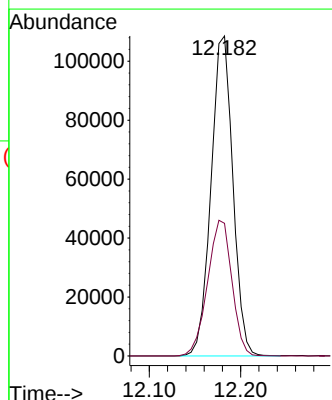
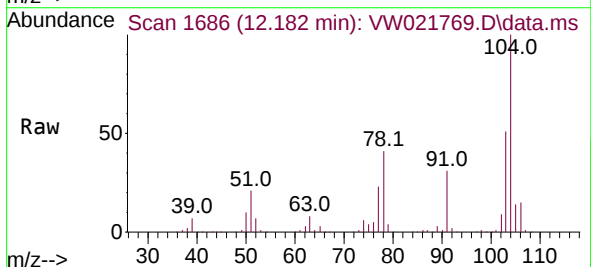
Acq: 07 Jan 2022 09:36

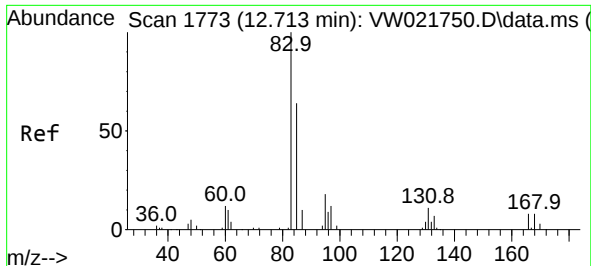
Tgt Ion:104 Resp: 180157

Ion Ratio Lower Upper

104 100

78 41.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.245 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

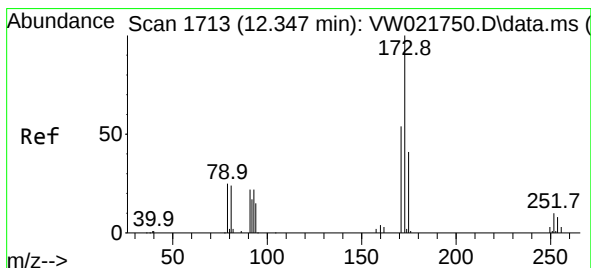
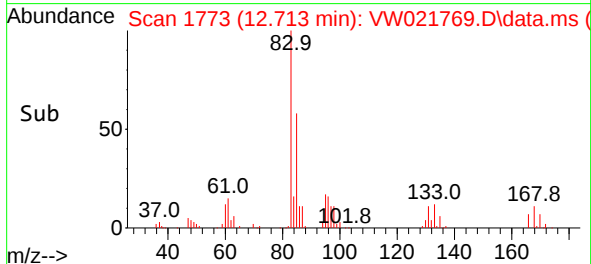
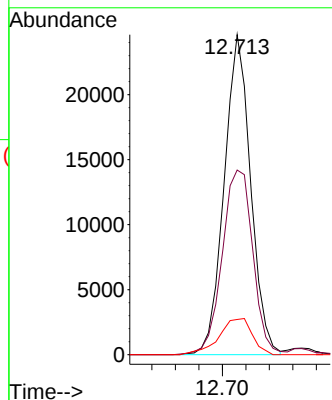
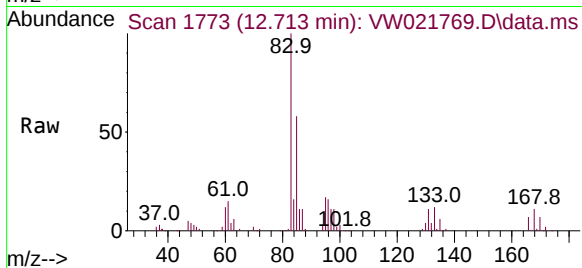
Tgt Ion: 83 Resp: 38565

Ion Ratio Lower Upper

83 100

85 57.7 44.0 81.6

131 11.0 6.9 10.3#



#59

Bromoform

Concen: 19.723 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

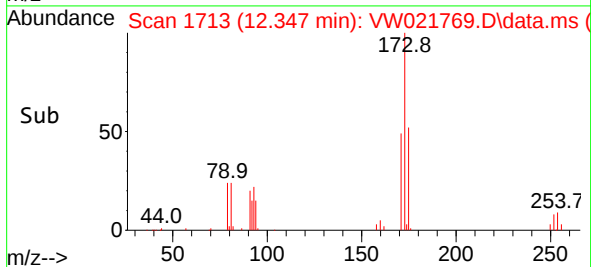
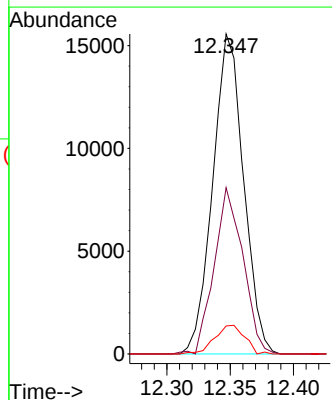
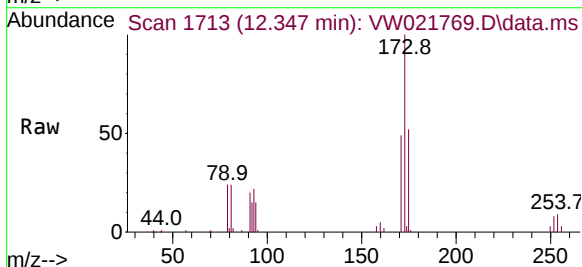
Tgt Ion:173 Resp: 26382

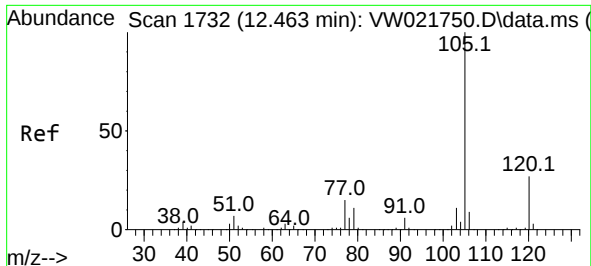
Ion Ratio Lower Upper

173 100

175 48.2 39.6 59.4

254 8.6 7.4 11.0

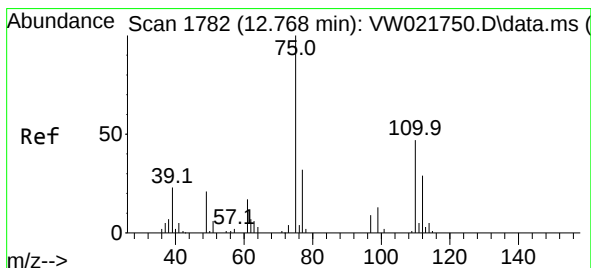
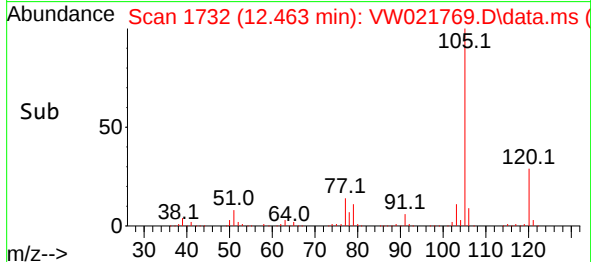
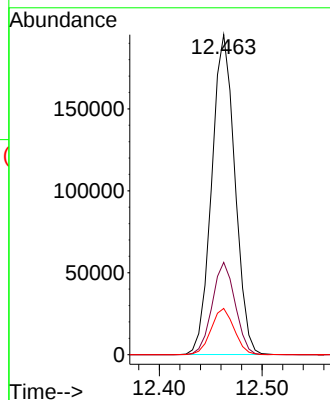
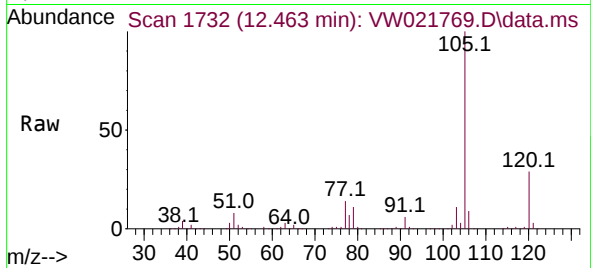




#60
Isopropylbenzene
Concen: 23.954 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

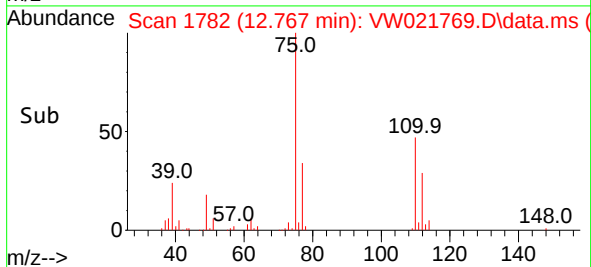
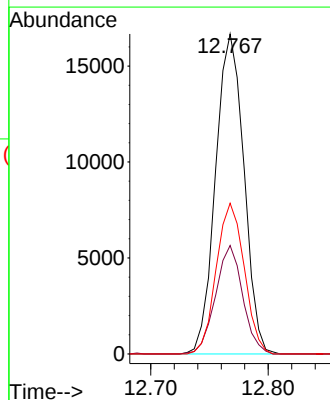
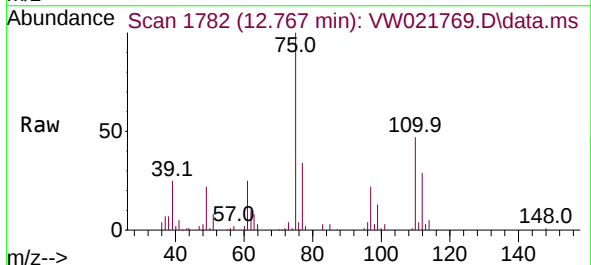
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

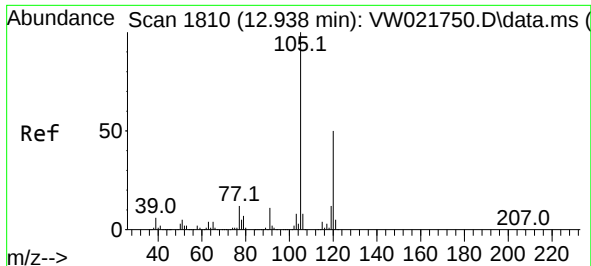
Tgt Ion:105 Resp: 306030
Ion Ratio Lower Upper
105 100
120 28.6 20.1 30.1
77 14.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 19.932 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion: 75 Resp: 27954
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 46.5 29.0 43.4#

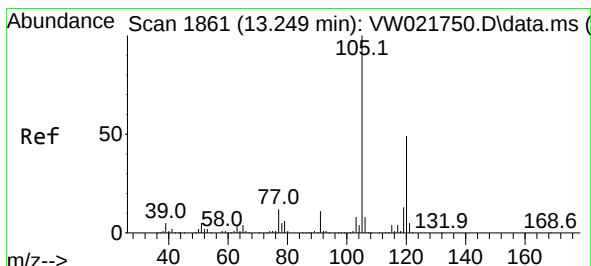
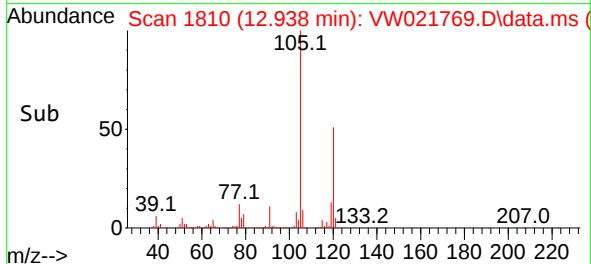
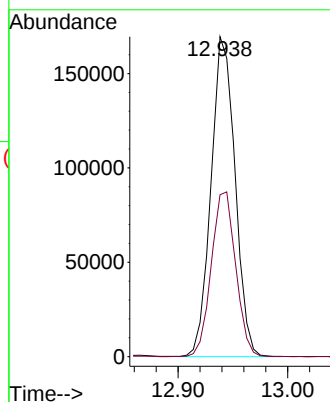
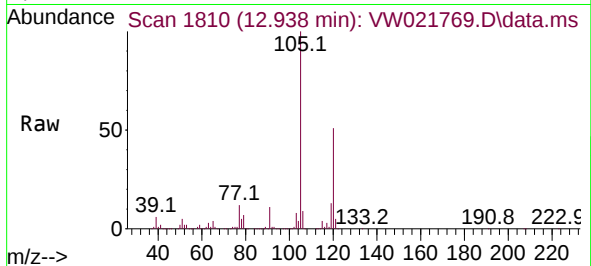




#62
1,3,5-Trimethylbenzene
Concen: 23.913 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

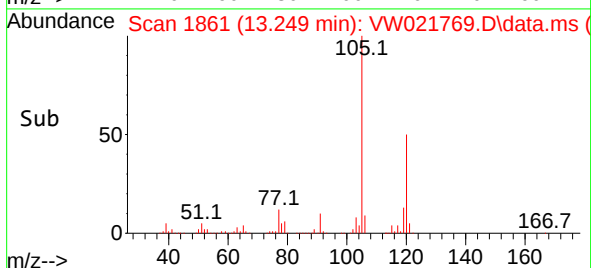
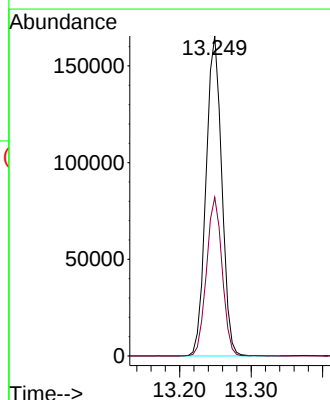
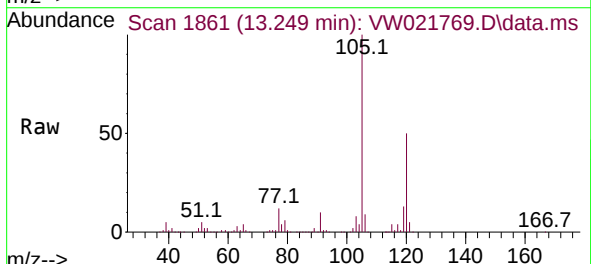
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

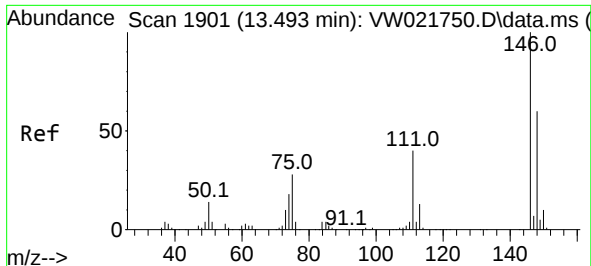
Tgt Ion:105 Resp: 258291
Ion Ratio Lower Upper
105 100
120 52.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.575 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion:105 Resp: 252935
Ion Ratio Lower Upper
105 100
120 49.2 35.0 52.6

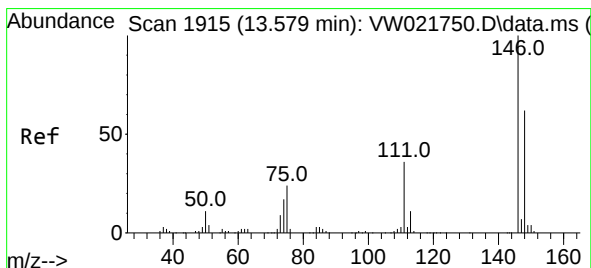
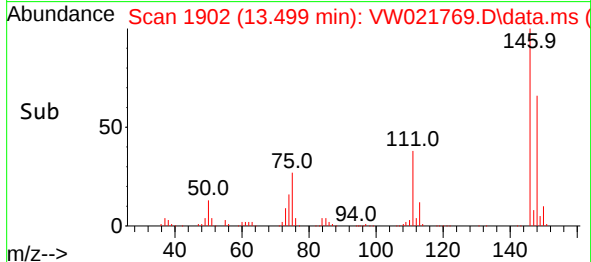
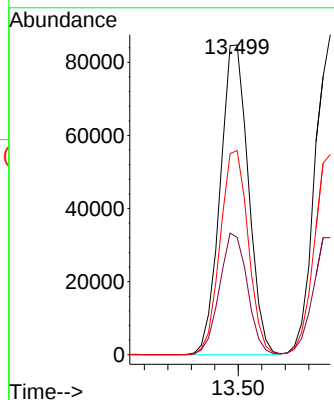
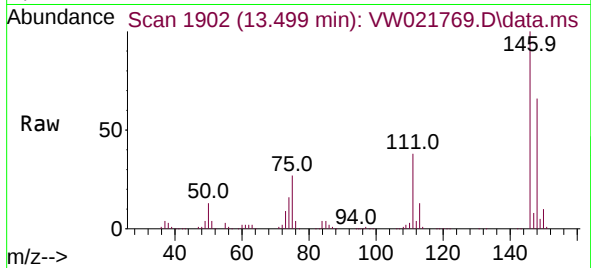




#64
1,3-Dichlorobenzene
Concen: 23.471 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

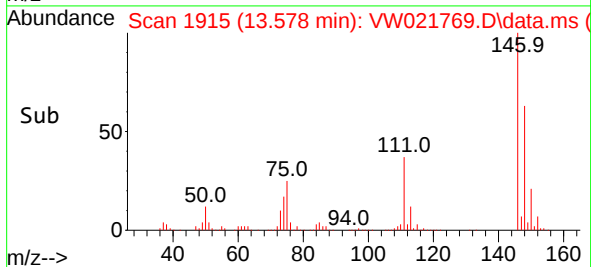
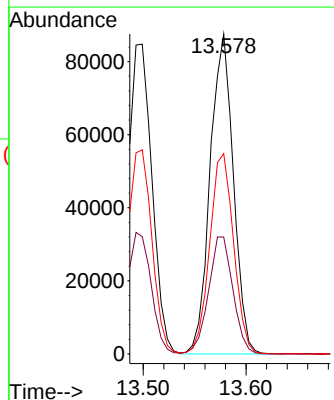
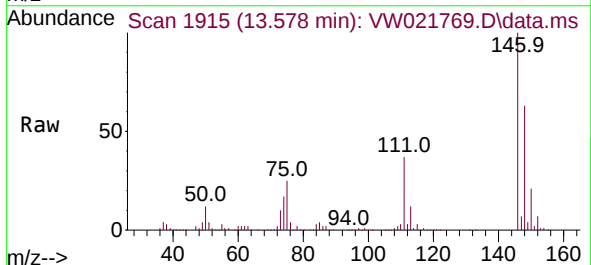
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

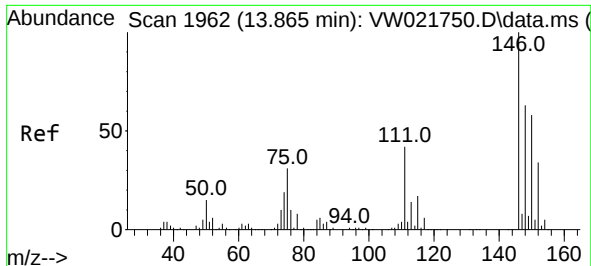
Tgt Ion:146 Resp: 141583
Ion Ratio Lower Upper
146 100
111 37.9 29.8 55.3
148 65.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.896 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion:146 Resp: 137717
Ion Ratio Lower Upper
146 100
111 36.6 29.0 53.9
148 62.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.148 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

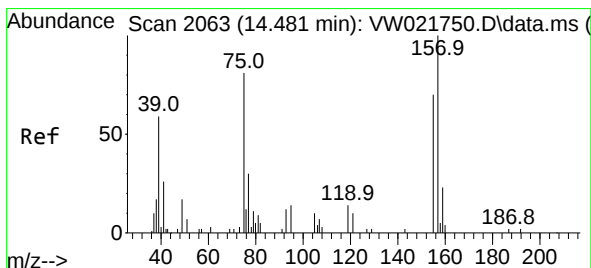
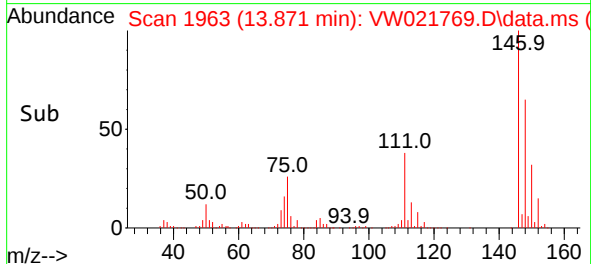
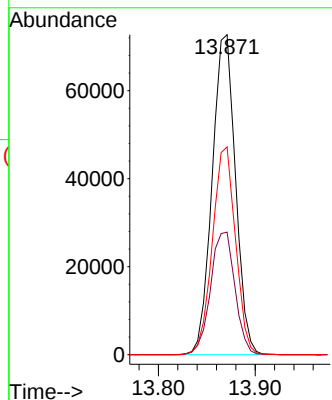
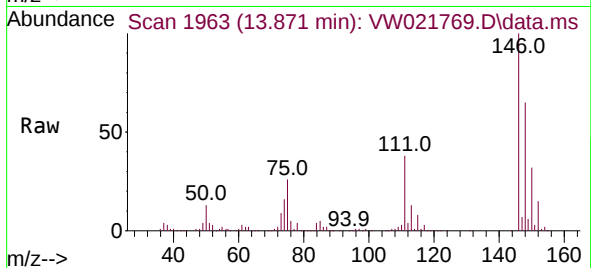
Tgt Ion:146 Resp: 121908

Ion Ratio Lower Upper

146 100

111 38.3 33.1 49.7

148 64.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 16.048 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

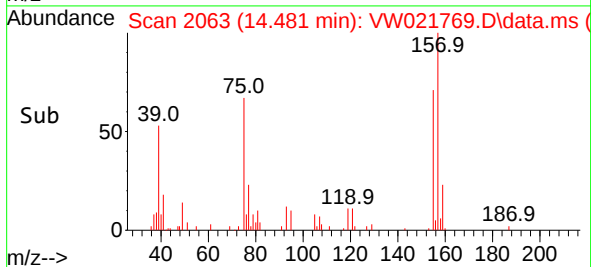
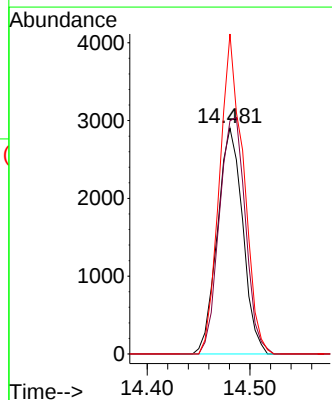
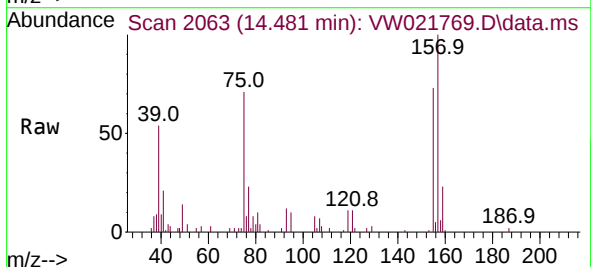
Tgt Ion: 75 Resp: 4956

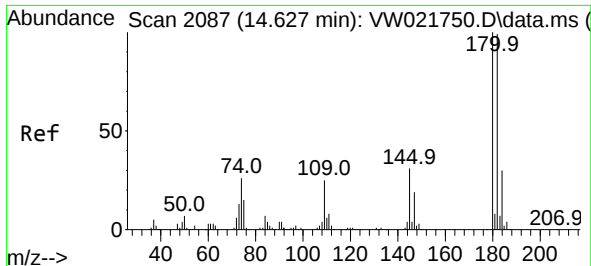
Ion Ratio Lower Upper

75 100

155 103.2 54.2 81.2#

157 141.7 69.4 104.2#

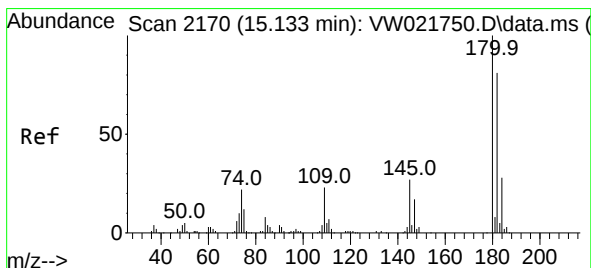
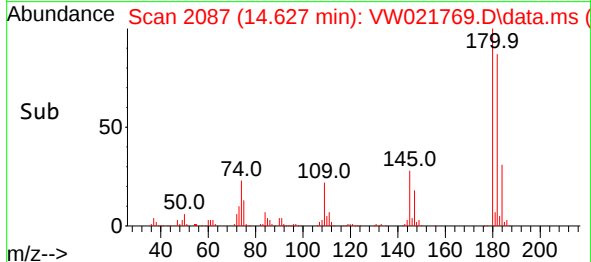
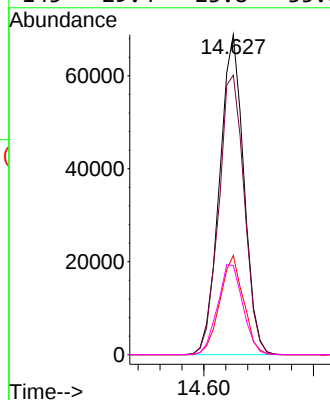
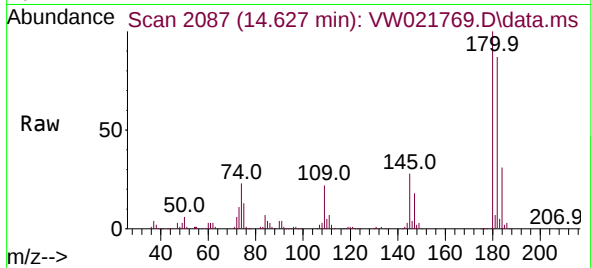




#69
1,3,5-Trichlorobenzene
Concen: 23.935 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

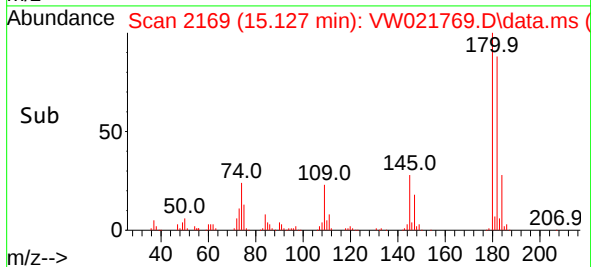
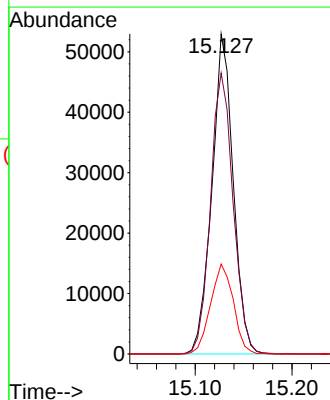
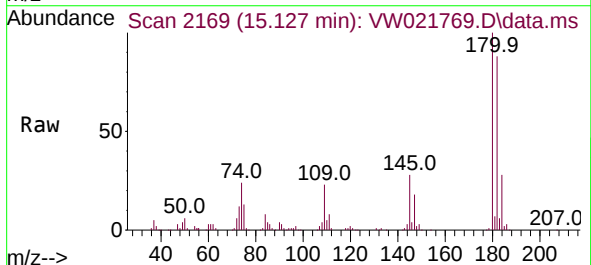
Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

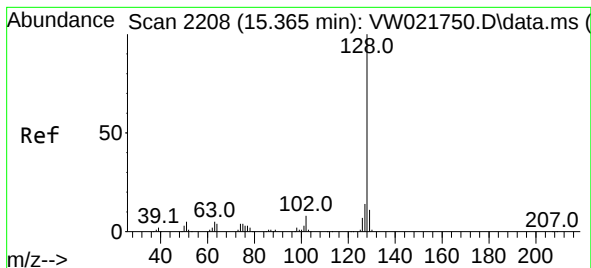
Tgt Ion:	180	Resp:	106060
Ion Ratio	Lower	Upper	
180	100		
182	91.5	75.4	113.0
184	30.1	23.8	35.8
145	29.4	23.8	35.8



#70
1,2,4-trichlorobenzene
Concen: 22.986 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021769.D
Acq: 07 Jan 2022 09:36

Tgt Ion:	180	Resp:	81302
Ion Ratio	Lower	Upper	
180	100		
182	93.0	79.0	118.6
145	29.9	26.0	39.0





#71

Naphthalene

Concen: 21.180 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025524

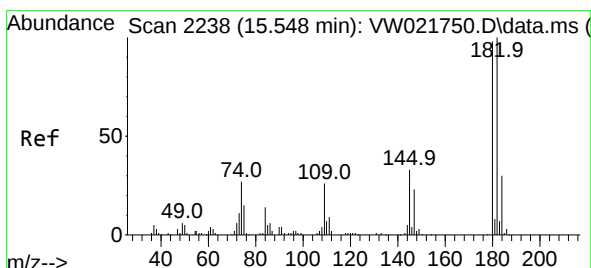
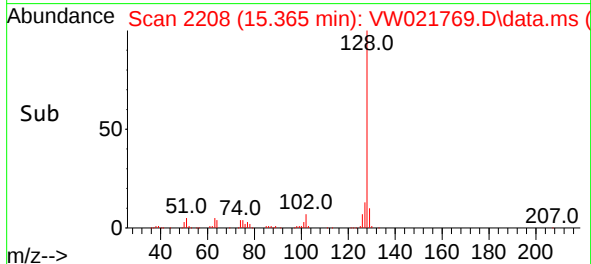
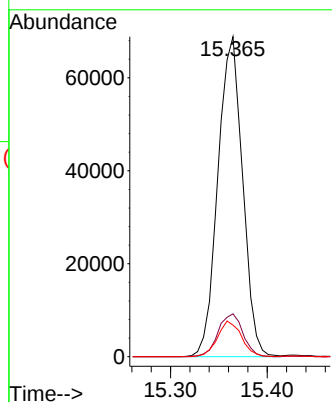
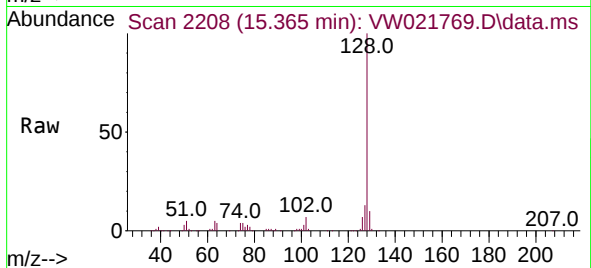
Tgt Ion:128 Resp: 121888

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.190 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021769.D

Acq: 07 Jan 2022 09:36

Tgt Ion:180 Resp: 66070

Ion Ratio Lower Upper

180 100

182 91.8 76.6 114.8

145 31.3 27.4 41.0

