

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021964.D
 Acq On : 17 Jan 2022 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Jan 18 00:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 06:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135960	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	132393	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51784	20.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.885	69	38675	16.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	4.025	63	92347	23.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.600%
21) 2-Butanone-d5	7.080	46	18944	53.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.220%
24) Chloroform-d	7.647	84	104913	23.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.305	65	51036	24.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.240%
32) Benzene-d6	8.275	84	204486	23.803	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	9.275	67	54296	23.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	10.323	98	204153	23.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.280%
43) trans-1,3-Dichloroprop...	10.579	79	23566	24.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.040%
47) 2-Hexanone-d5	10.921	63	17835	58.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43746	24.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	78488	23.900	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	13216	24.657	ug/L	100
3) Chloromethane	2.215	50	42710	21.978	ug/L	99
5) Vinyl chloride	2.361	62	60996	21.849	ug/L	99
6) Bromomethane	2.782	94	44210	22.397	ug/L	96
8) Chloroethane	2.922	64	31029	18.391	ug/L	95
9) Trichlorofluoromethane	3.263	101	47395	22.846	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	53690	23.776	ug/L	90
12) 1,1-Dichloroethene	4.044	96	49323	24.304	ug/L	76
13) Acetone	4.141	43	13822	46.905	ug/L	88
14) Carbon disulfide	4.379	76	123111	23.171	ug/L	98
15) Methyl Acetate	4.678	43	14780	24.816	ug/L	# 86
16) Methylene chloride	4.916	84	46011	19.774	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	53033	24.184	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	67433	24.114	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	80996	25.186	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	56510	25.050	ug/L	68
22) 2-Butanone	7.177	43	19850	52.699	ug/L	78
23) Bromochloromethane	7.519	128	26624	23.719	ug/L	# 58
25) Chloroform	7.677	83	93621	24.604	ug/L	96

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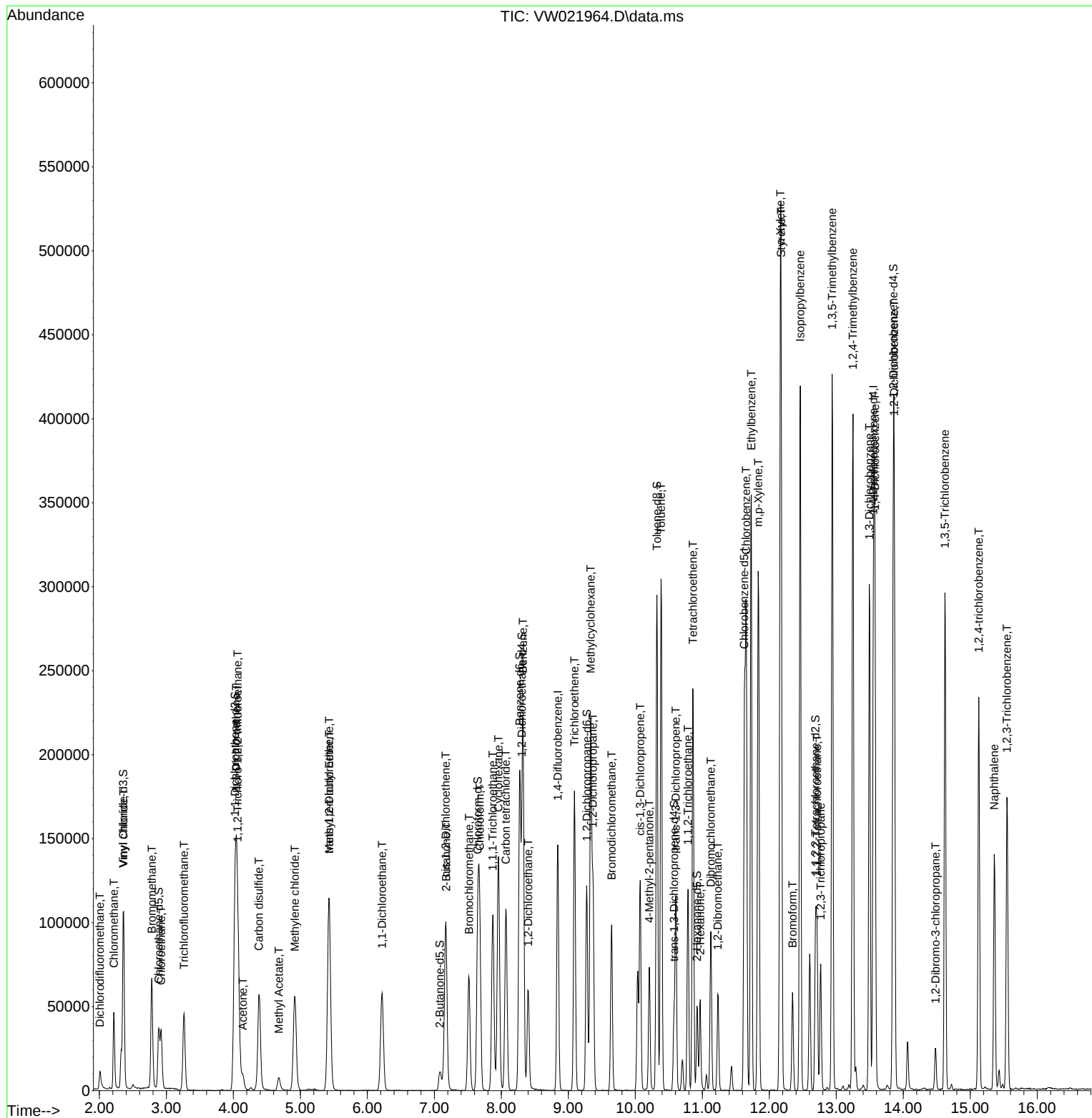
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	54320	24.652	ug/L #	93
29) Cyclohexane	7.958	56	76222	25.735	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	86315	25.152	ug/L #	92
31) Carbon tetrachloride	8.067	117	83300	25.049	ug/L	98
33) Benzene	8.323	78	200638	24.715	ug/L	100
34) Trichloroethene	9.092	95	57630	24.469	ug/L	90
35) Methylcyclohexane	9.336	83	96672	24.960	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	44818	25.341	ug/L #	94
38) Bromodichloromethane	9.646	83	63509	25.724	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	72890	26.524	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	44280	53.299	ug/L #	87
42) Toluene	10.384	91	230541	25.320	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	62114	27.005	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	37493	24.969	ug/L	95
46) Tetrachloroethene	10.860	164	53614	23.020	ug/L	95
48) 2-Hexanone	10.969	43	31274	55.018	ug/L #	88
49) Dibromochloromethane	11.128	129	49451	26.137	ug/L	92
50) 1,2-Dibromoethane	11.232	107	37385	25.082	ug/L	99
51) Chlorobenzene	11.652	112	156329	24.317	ug/L	92
52) Ethylbenzene	11.731	91	257541	25.462	ug/L	94
53) m,p-Xylene	11.835	106	107744	25.475	ug/L	87
54) o-Xylene	12.164	106	99997	25.467	ug/L	98
55) Styrene	12.176	104	168238	25.953	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	39754	24.607	ug/L #	98
59) Bromoform	12.347	173	27108	24.895	ug/L #	98
60) Isopropylbenzene	12.463	105	278882	25.642	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	28491	24.962	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	236498	26.259	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	230492	25.949	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	135636	24.805	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	131379	24.334	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	117262	24.493	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5809	26.355	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.621	180	92602	22.785	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	77382	23.895	ug/L	96
71) Naphthalene	15.359	128	126179	25.259	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	62500	23.371	ug/L	98

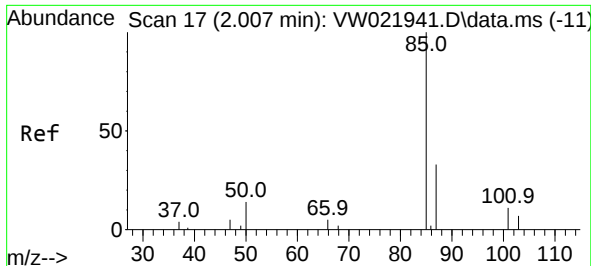
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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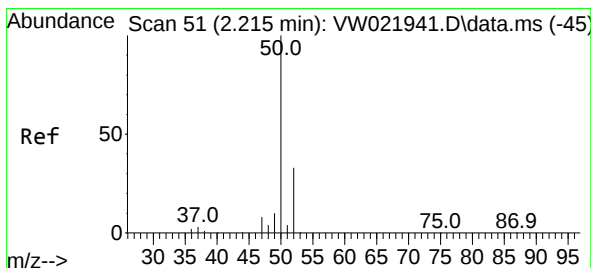
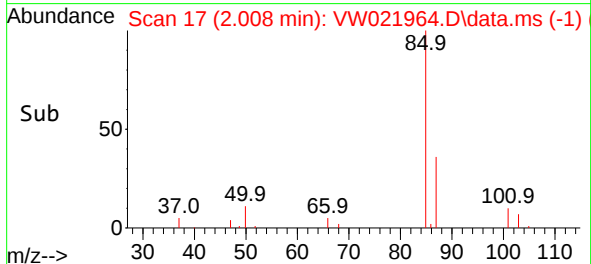
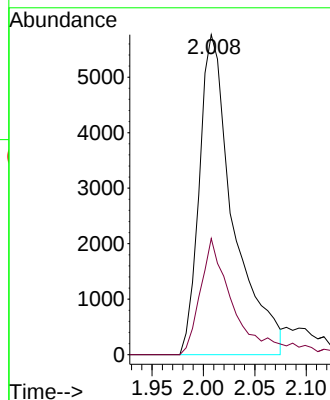
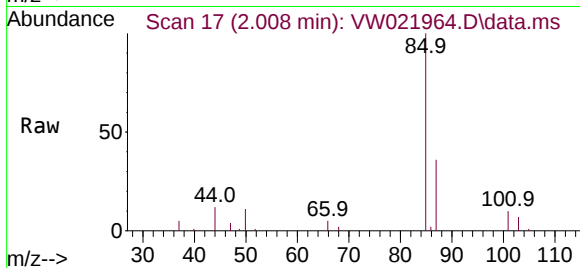




#2
 Dichlorodifluoromethane
 Concen: 24.657 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021964.D
 Acq: 17 Jan 2022 09:33

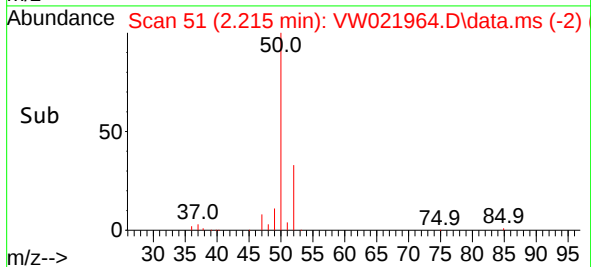
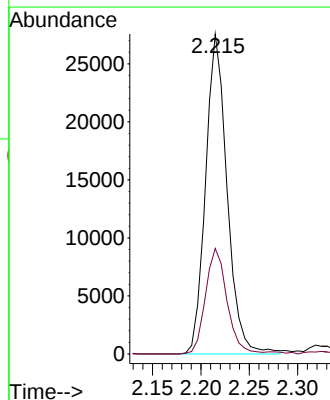
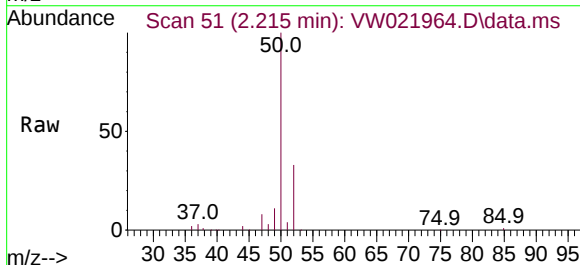
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

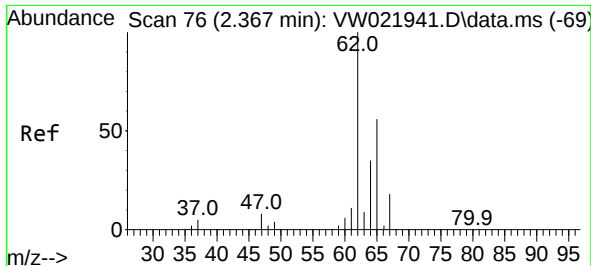
Tgt Ion: 85 Resp: 13216
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 21.978 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021964.D
 Acq: 17 Jan 2022 09:33

Tgt Ion: 50 Resp: 42710
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.6

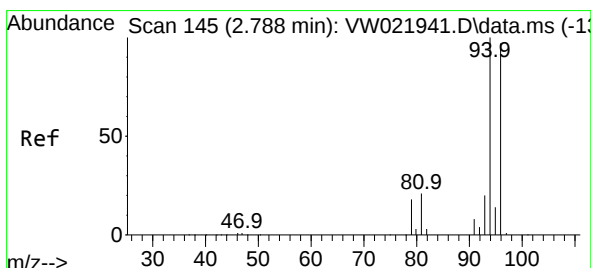
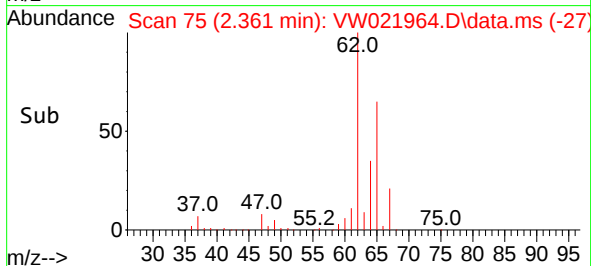
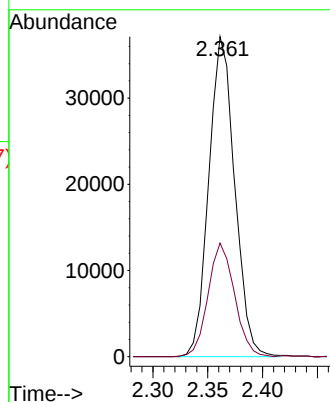
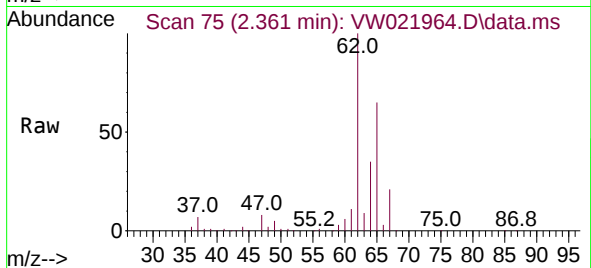




#5
 Vinyl chloride
 Concen: 21.849 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW021964.D
 Acq: 17 Jan 2022 09:33

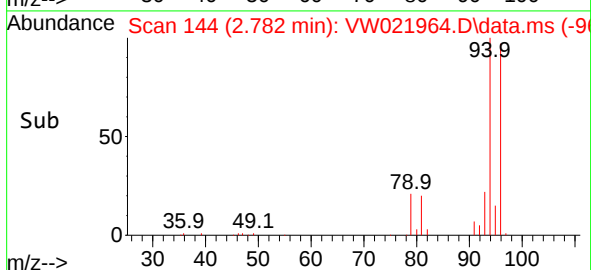
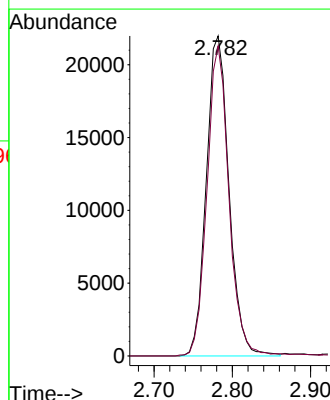
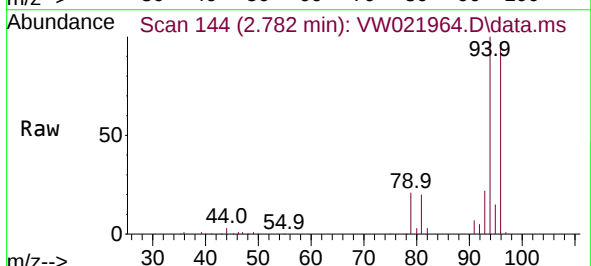
Instrument :
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 ClientSampleId :
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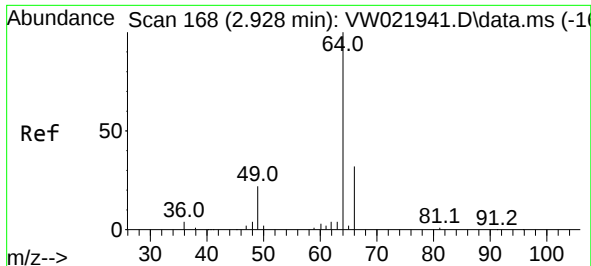
Tgt Ion: 62 Resp: 60996
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 22.397 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW021964.D
 Acq: 17 Jan 2022 09:33

Tgt Ion: 94 Resp: 44210
 Ion Ratio Lower Upper
 94 100
 96 96.9 64.8 120.4





#8

Chloroethane

Concen: 18.391 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

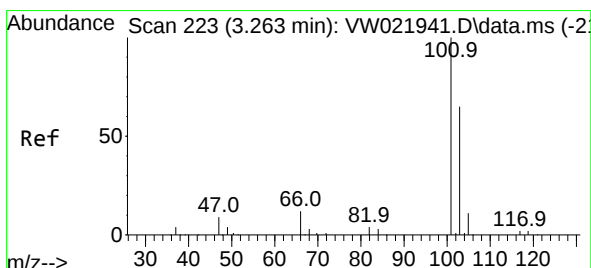
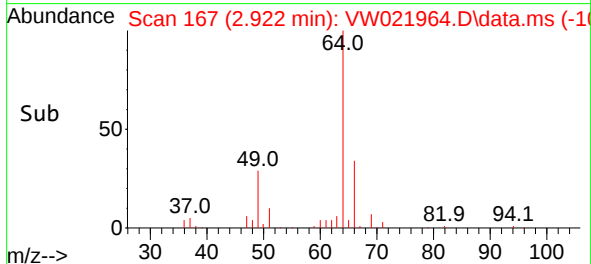
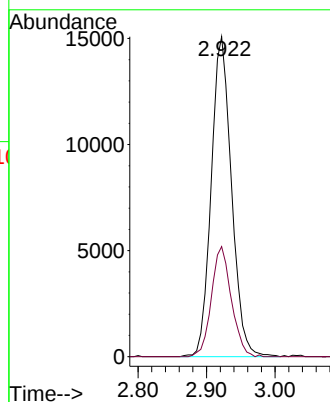
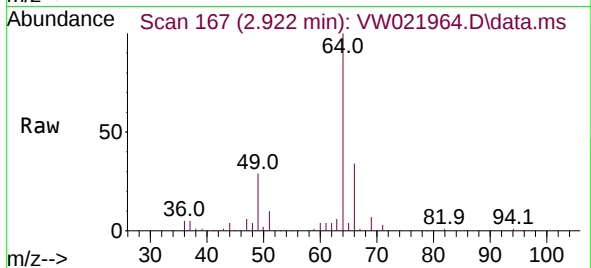
VSTD025542

Tgt Ion: 64 Resp: 31029

Ion Ratio Lower Upper

64 100

66 34.4 22.0 40.8



#9

Trichlorofluoromethane

Concen: 22.846 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.000 min

Lab File: VW021964.D

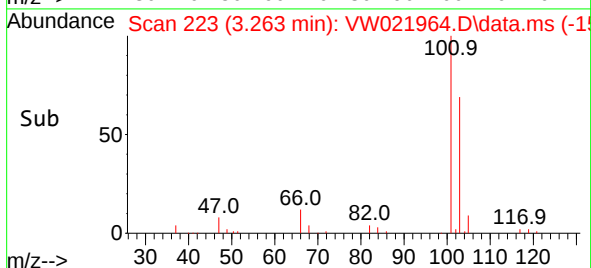
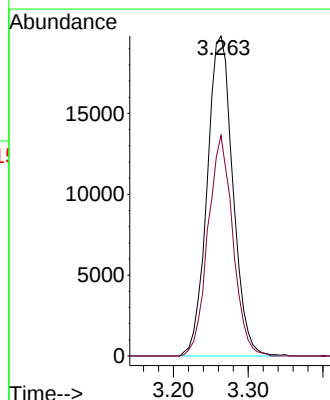
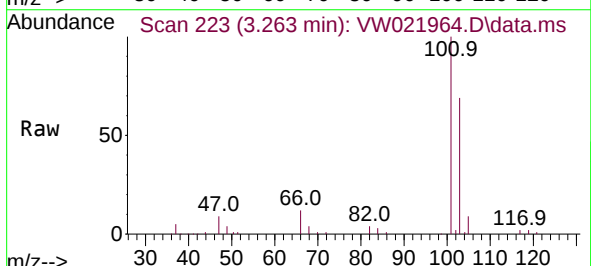
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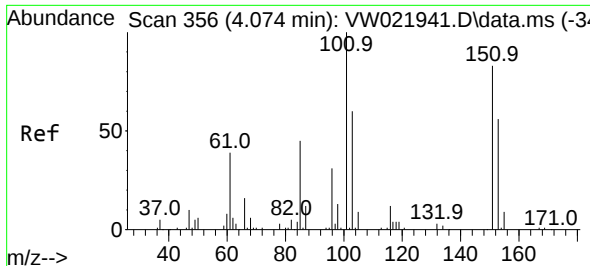
Tgt Ion:101 Resp: 47395

Ion Ratio Lower Upper

101 100

103 66.5 51.4 77.2

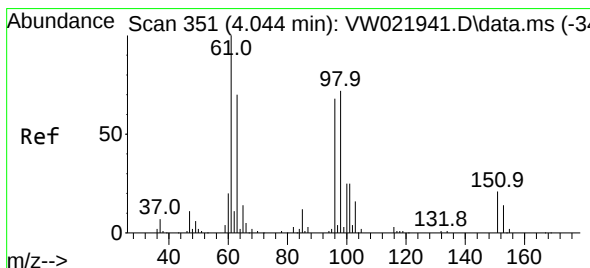
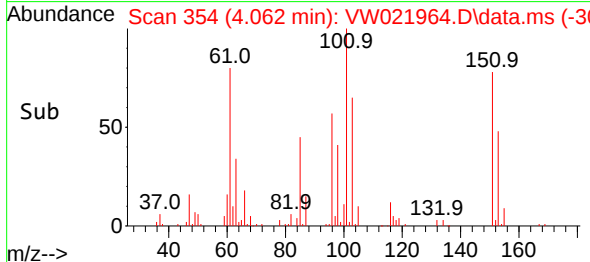
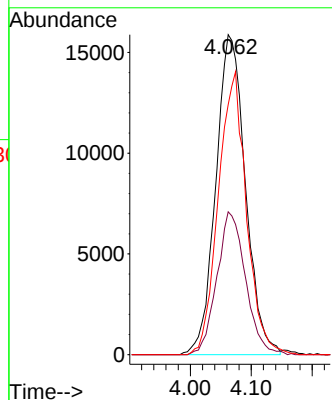
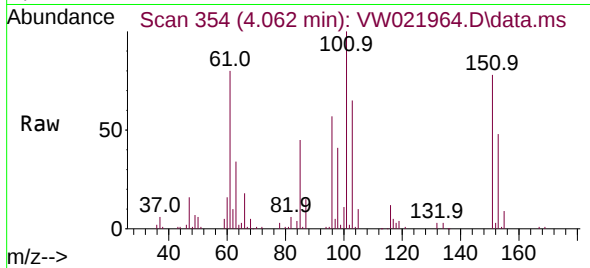




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.776 ug/L
RT: 4.062 min Scan# 356
Delta R.T. -0.012 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

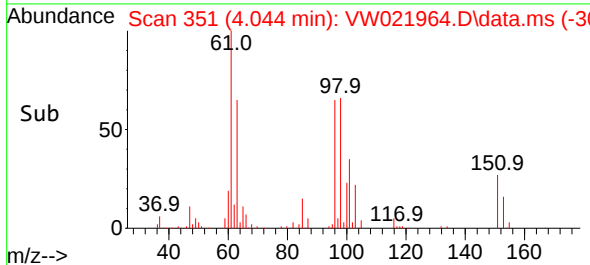
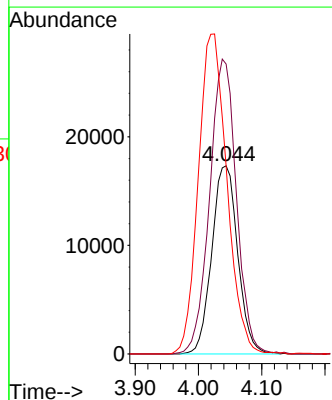
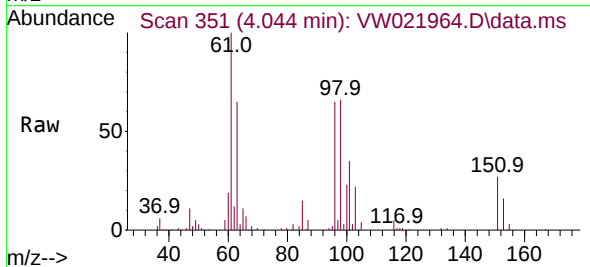
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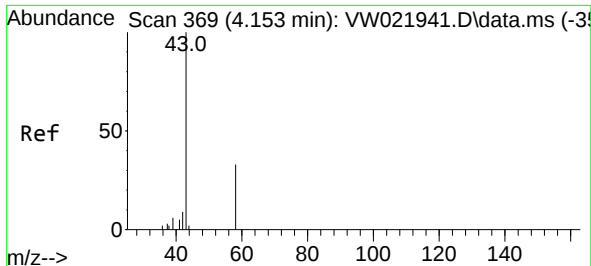
Tgt Ion:101 Resp: 53690
Ion Ratio Lower Upper
101 100
85 43.1 36.6 54.8
151 83.8 57.4 86.0



#12
1,1-Dichloroethene
Concen: 24.304 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 96 Resp: 49323
Ion Ratio Lower Upper
96 100
61 154.0 138.3 256.9
63 99.9 82.6 153.4





#13

Acetone

Concen: 46.905 ug/L

RT: 4.141 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

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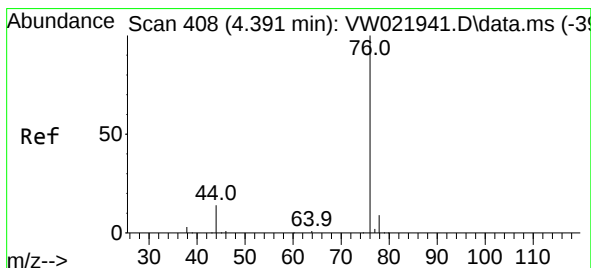
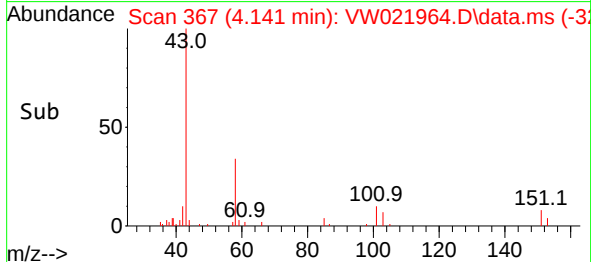
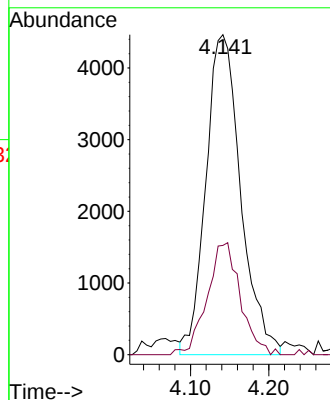
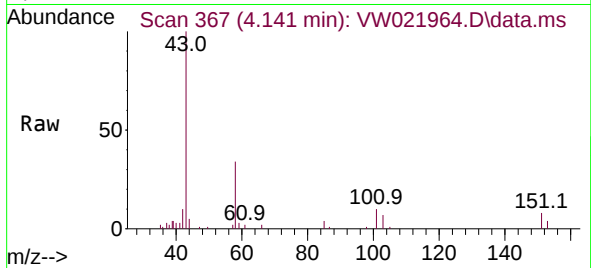
VSTD025542

Tgt Ion: 43 Resp: 13822

Ion Ratio Lower Upper

43 100

58 32.6 0.0 52.8



#14

Carbon disulfide

Concen: 23.171 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.012 min

Lab File: VW021964.D

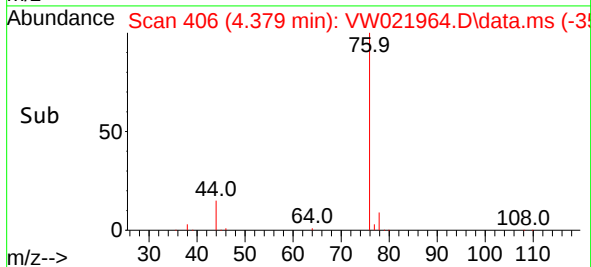
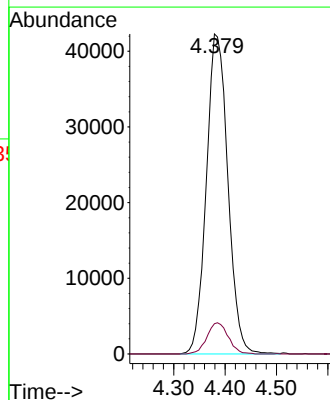
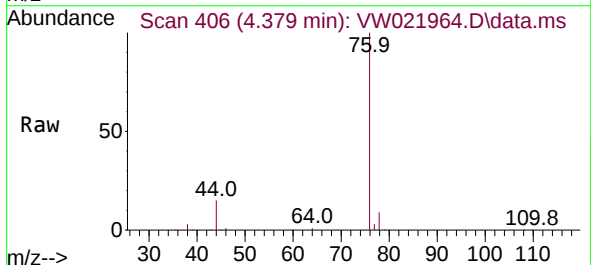
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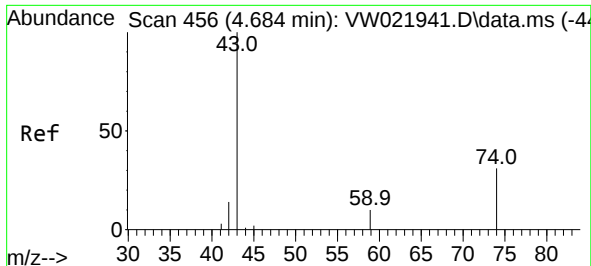
Tgt Ion: 76 Resp: 123111

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

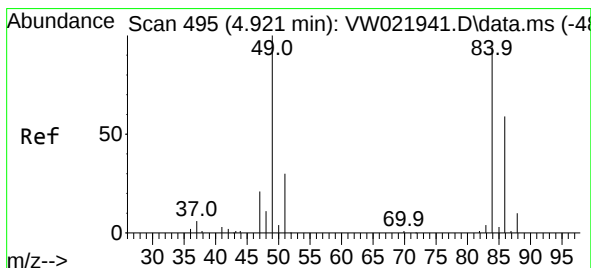
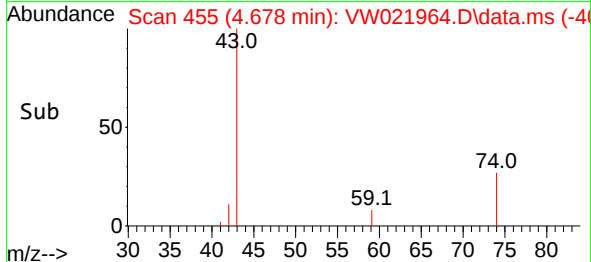
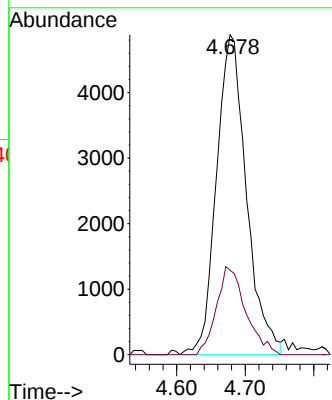
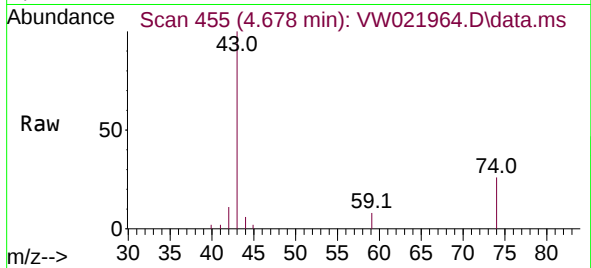




#15
Methyl Acetate
Concen: 24.816 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

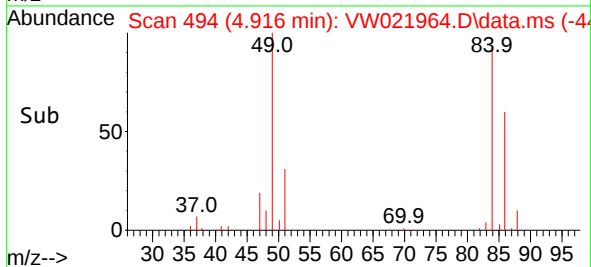
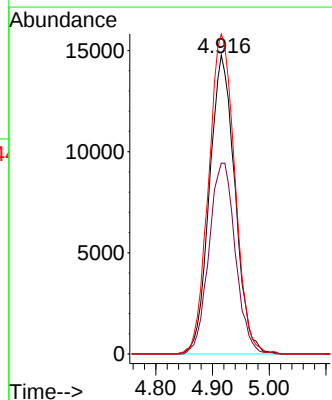
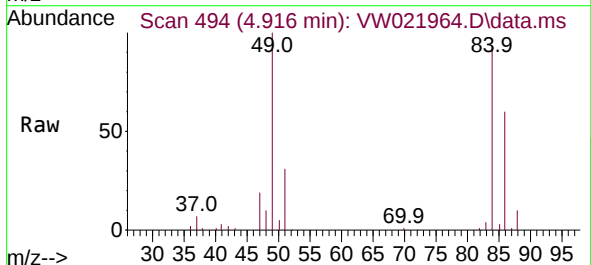
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

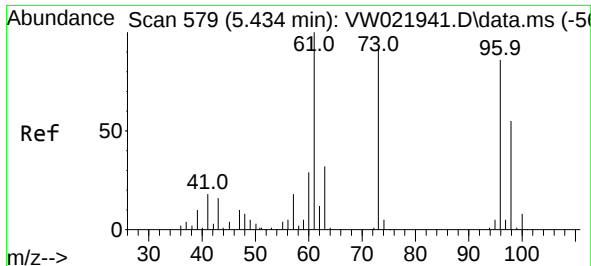
Tgt Ion: 43 Resp: 14780
Ion Ratio Lower Upper
43 100
74 26.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.774 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 84 Resp: 46011
Ion Ratio Lower Upper
84 100
86 63.9 45.5 84.5
49 107.1 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.184 ug/L

RT: 5.428 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

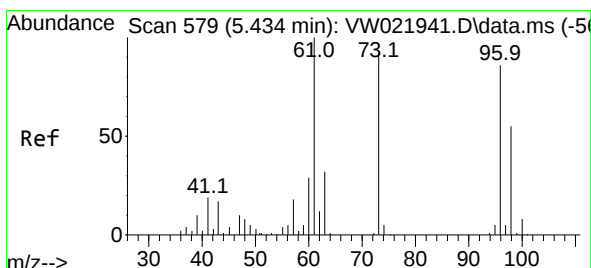
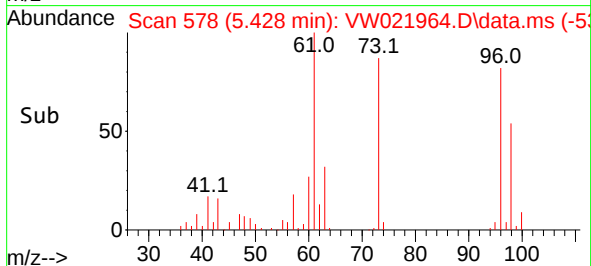
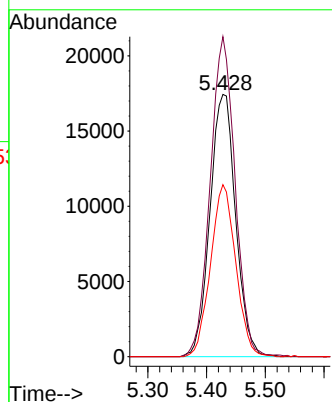
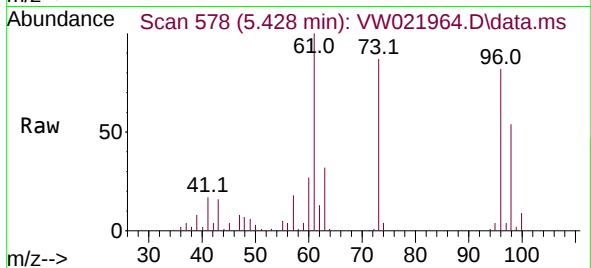
Tgt Ion: 96 Resp: 53033

Ion Ratio Lower Upper

96 100

61 122.0 107.4 199.4

98 65.6 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.114 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

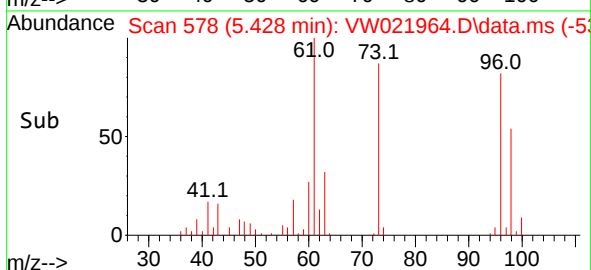
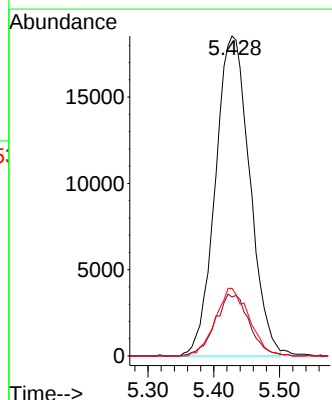
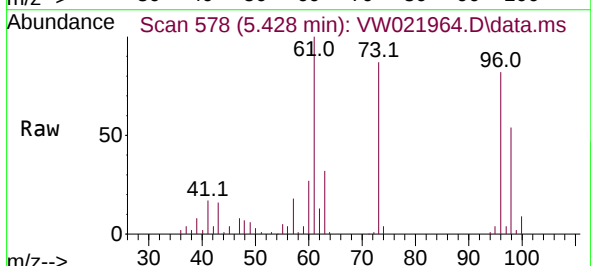
Tgt Ion: 73 Resp: 67433

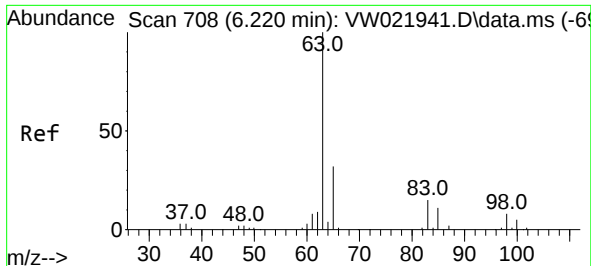
Ion Ratio Lower Upper

73 100

43 19.1 19.5 29.3#

57 20.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.186 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

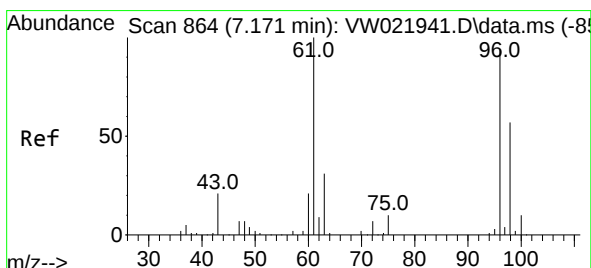
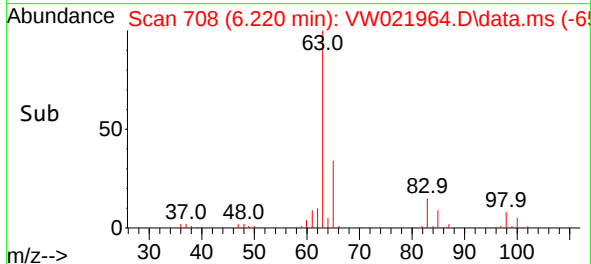
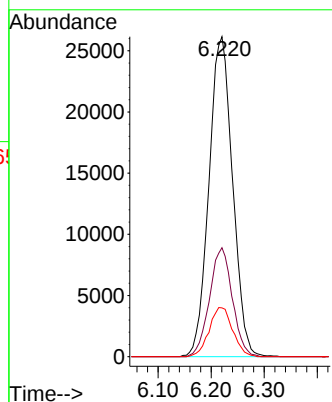
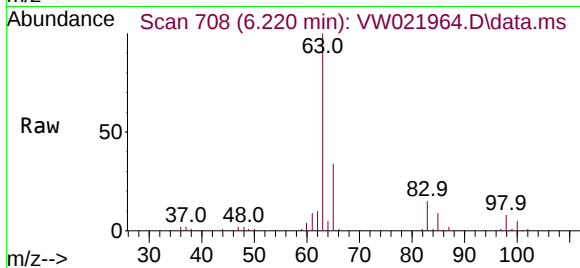
Tgt Ion: 63 Resp: 80996

Ion Ratio Lower Upper

63 100

65 34.1 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.050 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

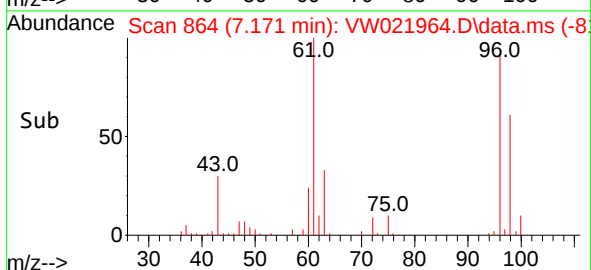
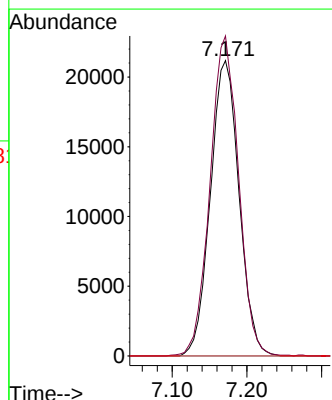
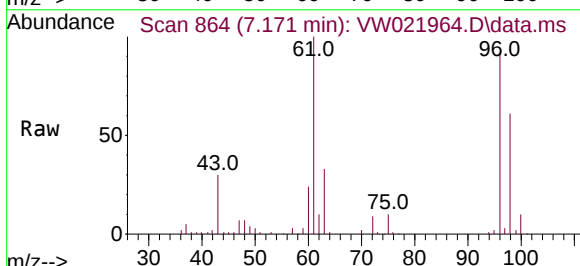
Tgt Ion: 96 Resp: 56510

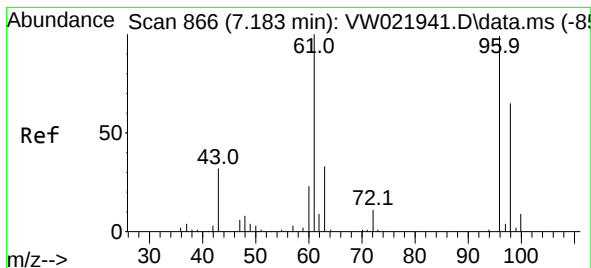
Ion Ratio Lower Upper

96 100

61 108.3 103.7 192.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 52.699 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

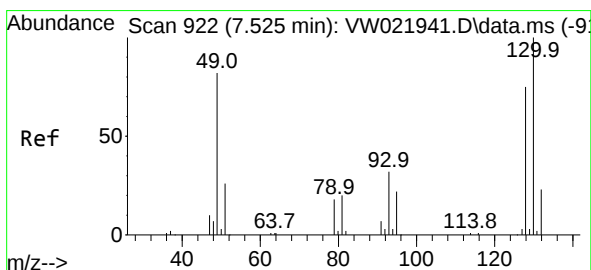
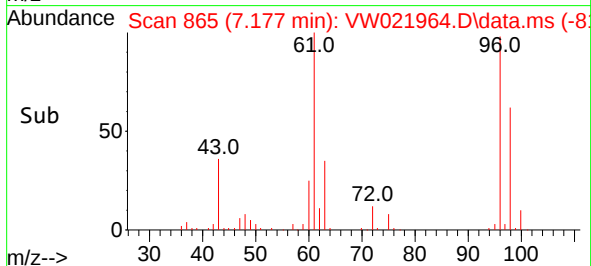
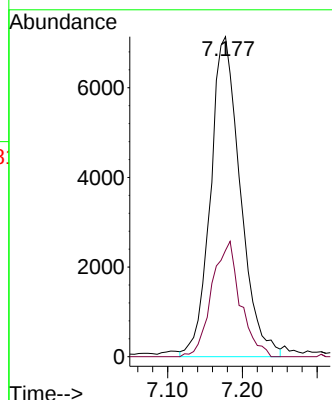
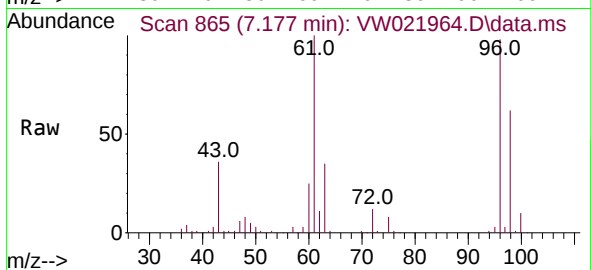
VSTD025542

Tgt Ion: 43 Resp: 19850

Ion Ratio Lower Upper

43 100

72 34.3 11.8 35.4



#23

Bromochloromethane

Concen: 23.719 ug/L

RT: 7.519 min Scan# 921

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Tgt Ion: 128 Resp: 26624

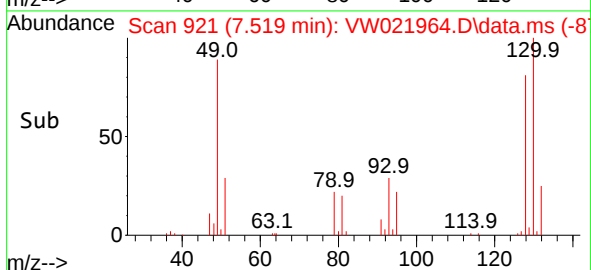
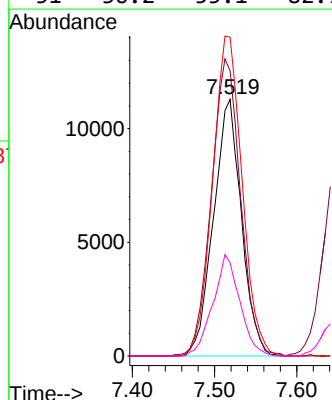
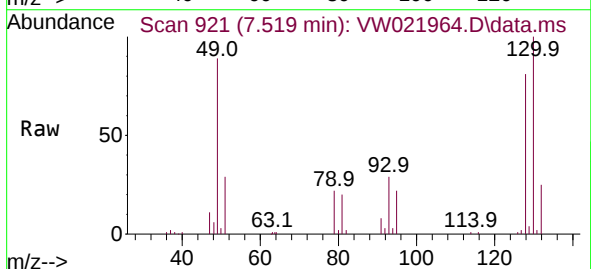
Ion Ratio Lower Upper

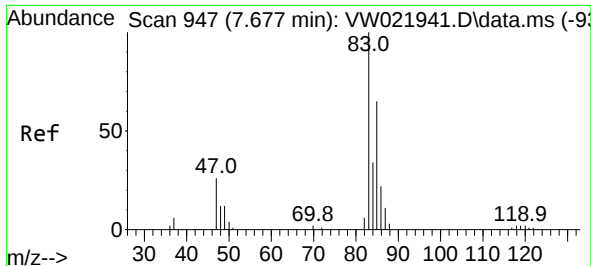
128 100

49 111.0 150.3 279.1#

130 124.2 88.3 163.9

51 36.2 55.1 82.7#

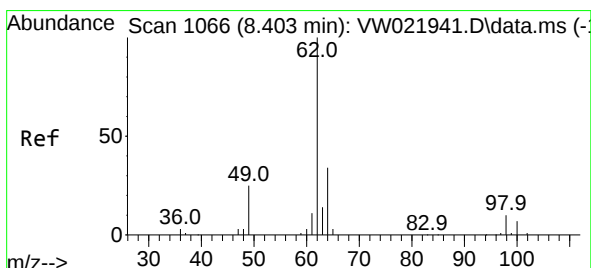
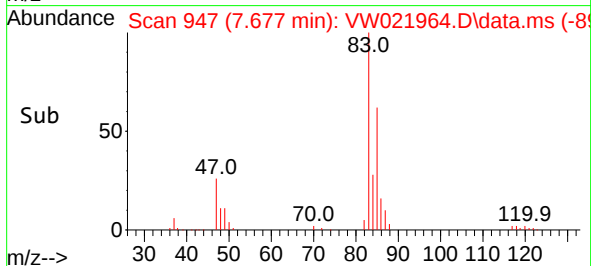
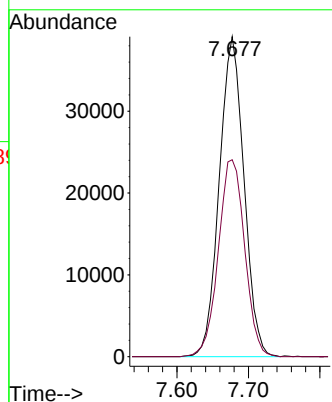
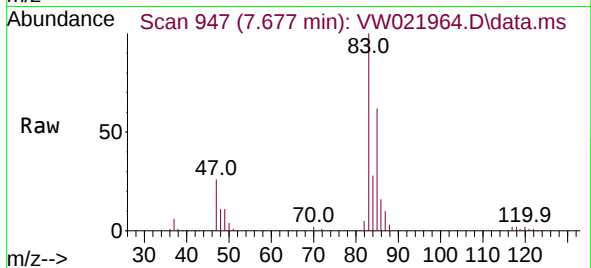




#25
Chloroform
Concen: 24.604 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

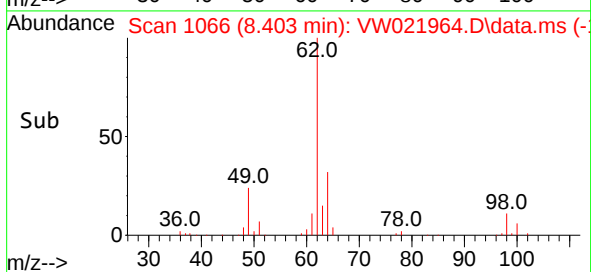
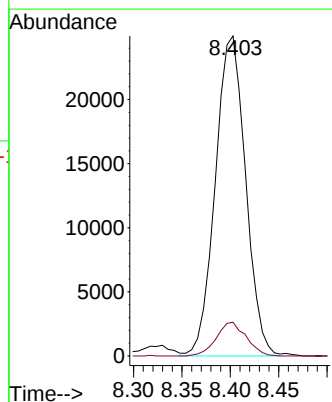
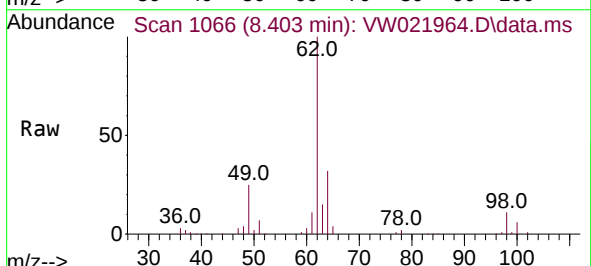
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

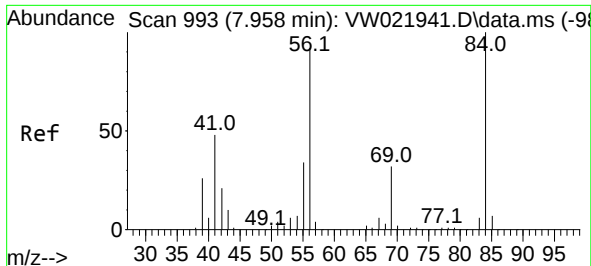
Tgt Ion: 83 Resp: 93621
Ion Ratio Lower Upper
83 100
85 61.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.652 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 62 Resp: 54320
Ion Ratio Lower Upper
62 100
98 10.5 6.5 9.7#

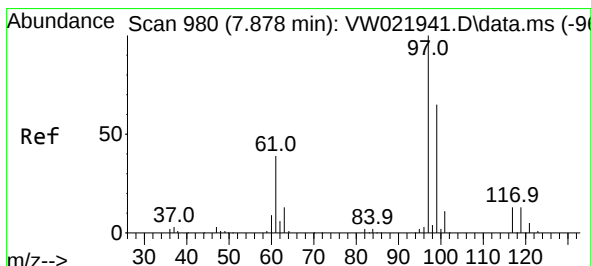
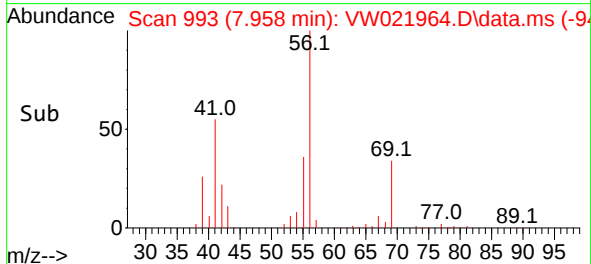
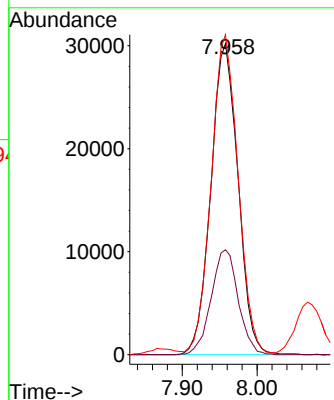
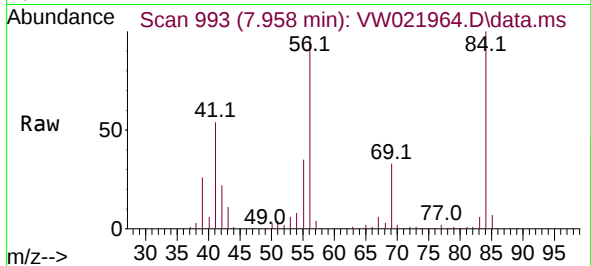




#29
Cyclohexane
Concen: 25.735 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

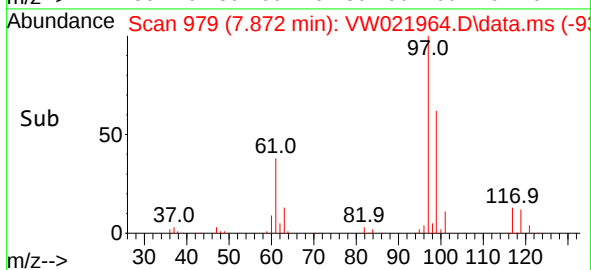
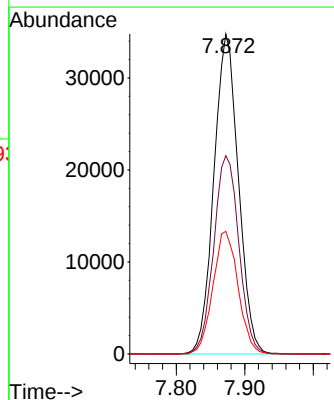
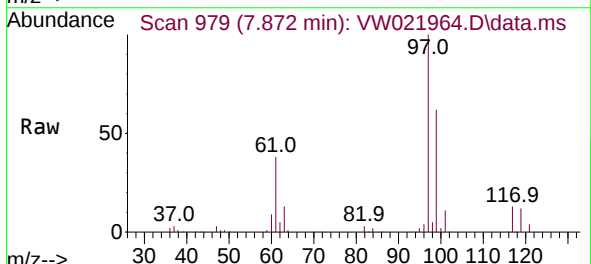
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

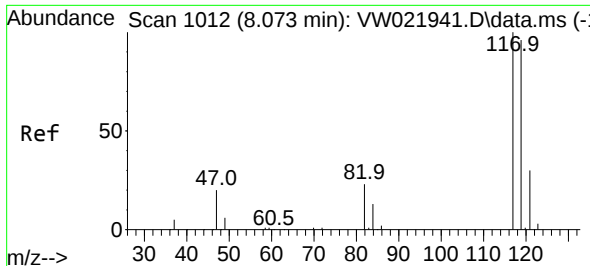
Tgt Ion: 56 Resp: 76222
Ion Ratio Lower Upper
56 100
69 33.7 23.5 35.3
84 102.4 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.152 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 97 Resp: 86315
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 39.3 40.9 61.3#

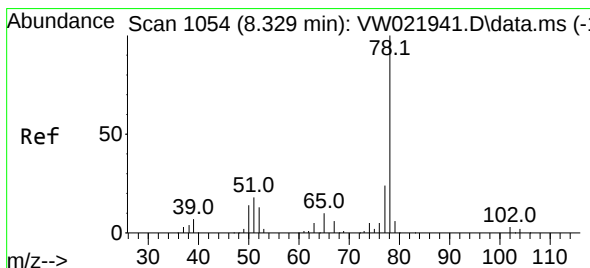
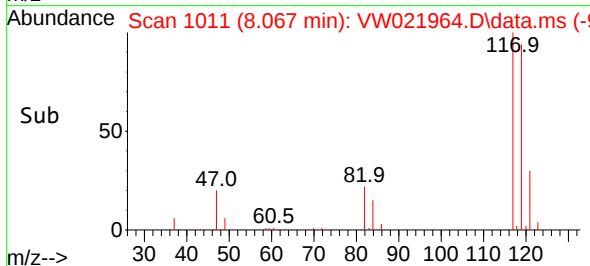
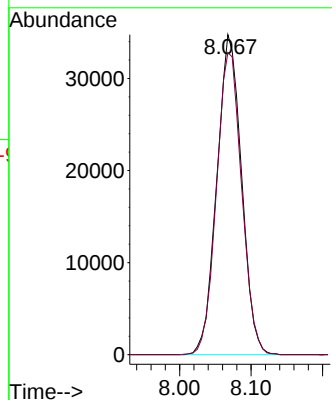
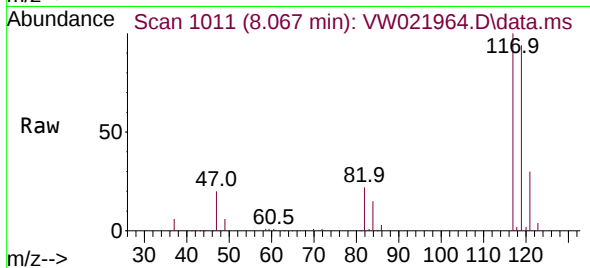




#31
Carbon tetrachloride
Concen: 25.049 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

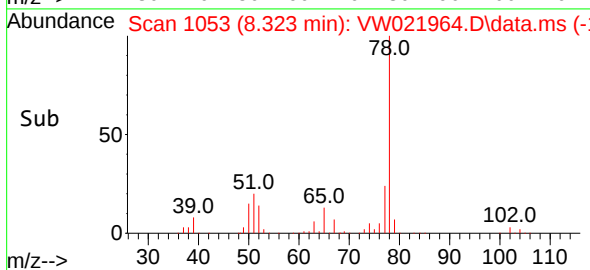
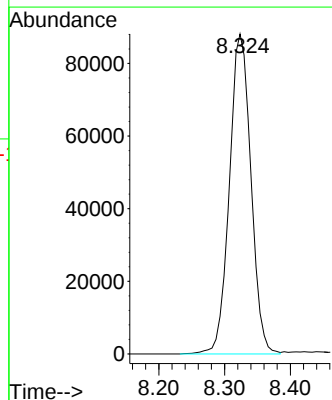
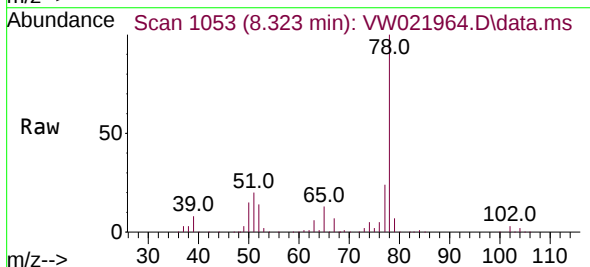
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

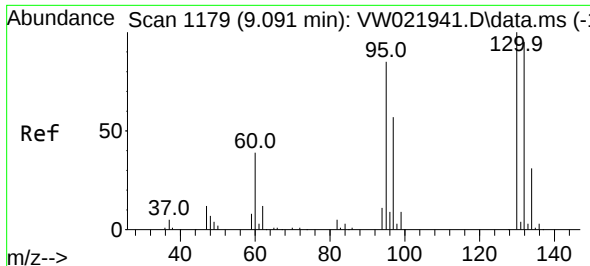
Tgt Ion:117 Resp: 83300
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 24.715 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 78 Resp: 200638



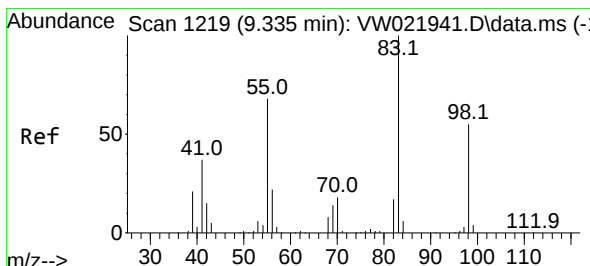
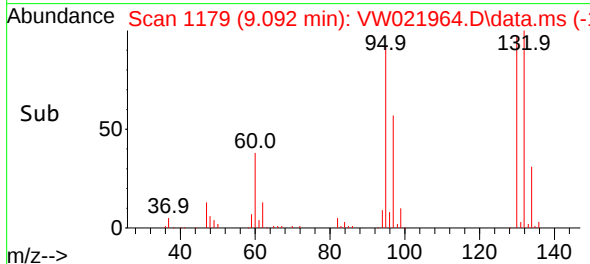
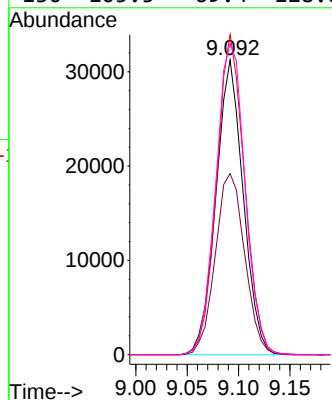
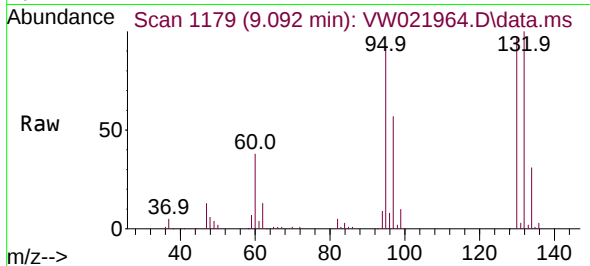


#34
Trichloroethene
Concen: 24.469 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

Tgt Ion: 95 Resp: 57630

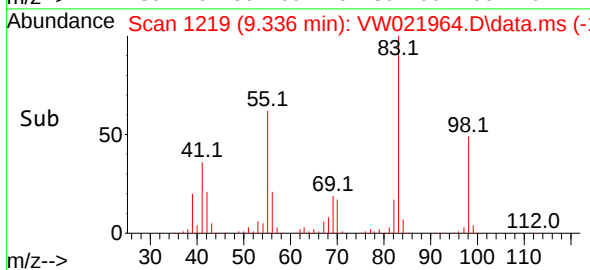
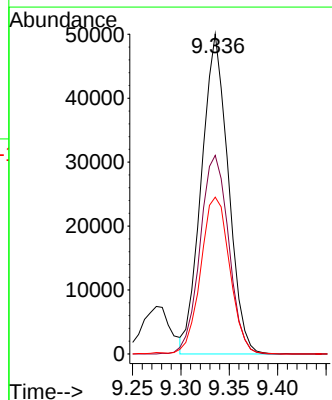
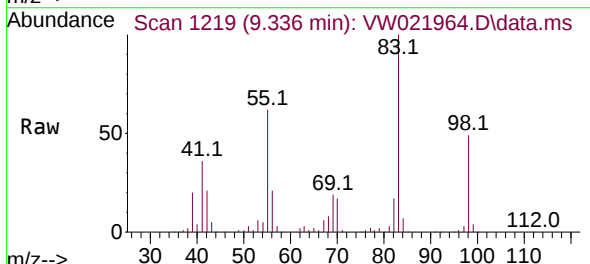
Ion	Ratio	Lower	Upper
95	100		
97	61.5	47.0	87.2
132	108.5	65.5	121.6
130	105.5	69.4	128.8

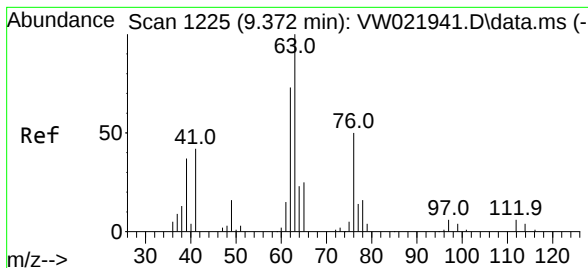


#35
Methylcyclohexane
Concen: 24.960 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 83 Resp: 96672

Ion	Ratio	Lower	Upper
83	100		
55	66.1	70.8	106.2
98	53.0	37.7	56.5





#37

1,2-Dichloropropane

Concen: 25.341 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

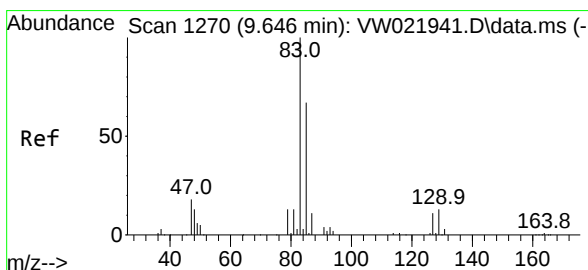
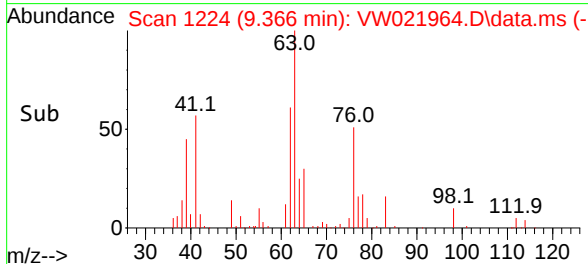
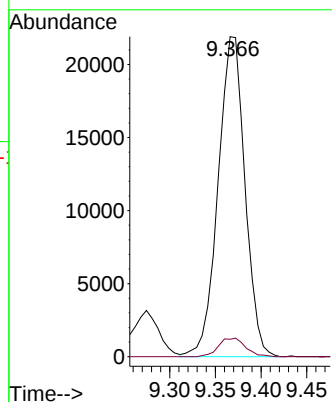
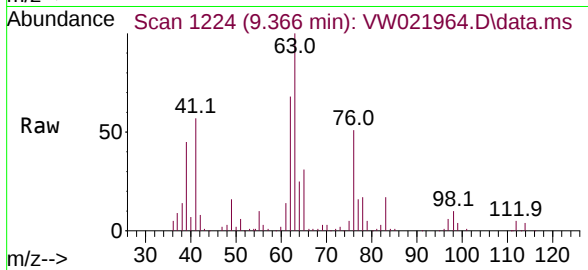
VSTD025542

Tgt Ion: 63 Resp: 44818

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.724 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

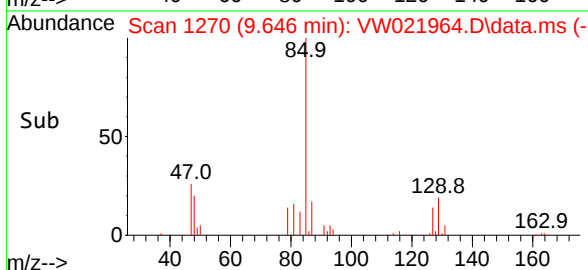
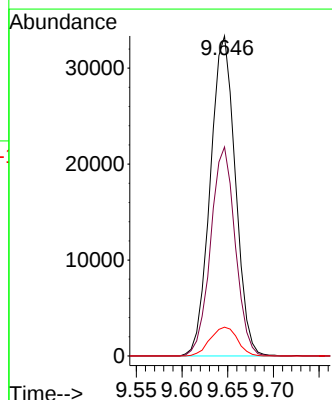
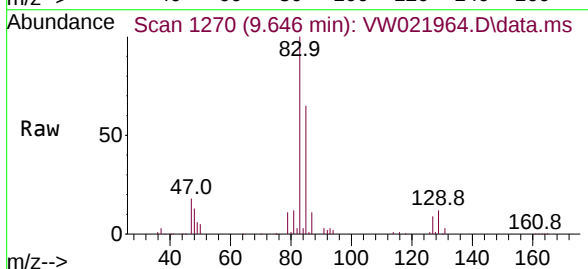
Tgt Ion: 83 Resp: 63509

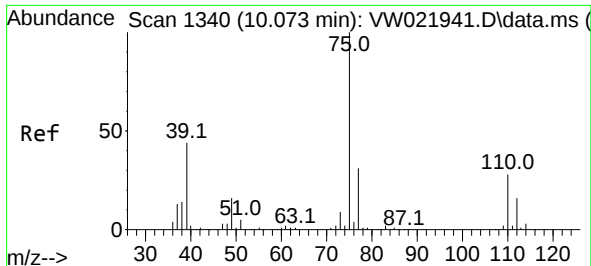
Ion Ratio Lower Upper

83 100

85 65.3 44.1 81.9

127 9.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.524 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

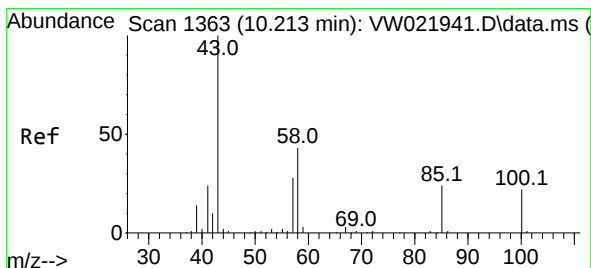
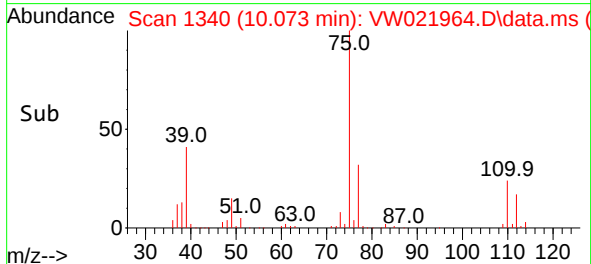
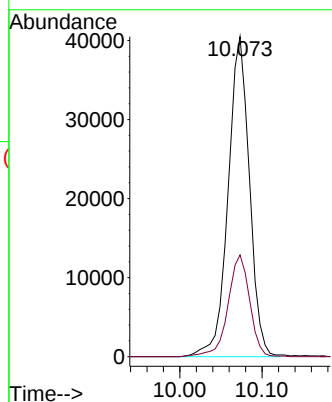
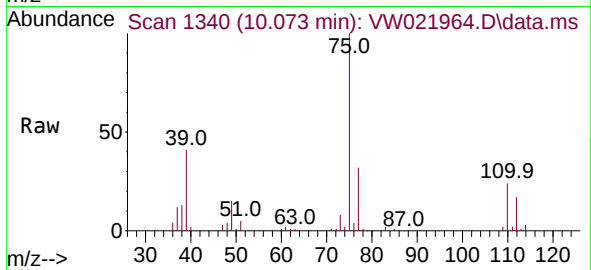
VSTD025542

Tgt Ion: 75 Resp: 72890

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.299 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

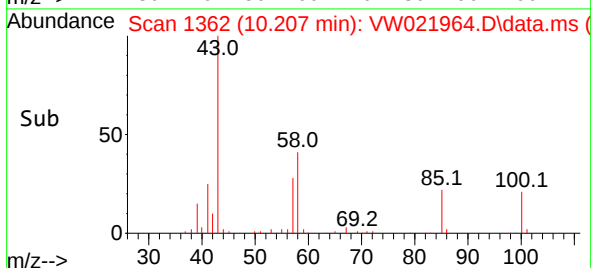
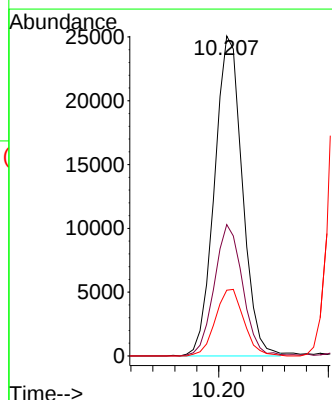
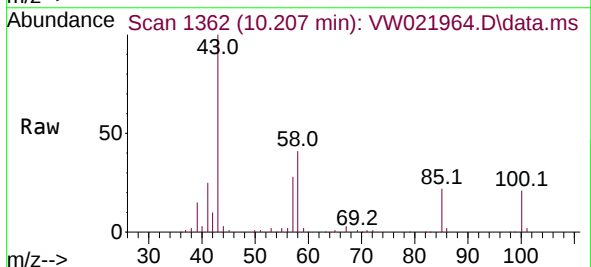
Tgt Ion: 43 Resp: 44280

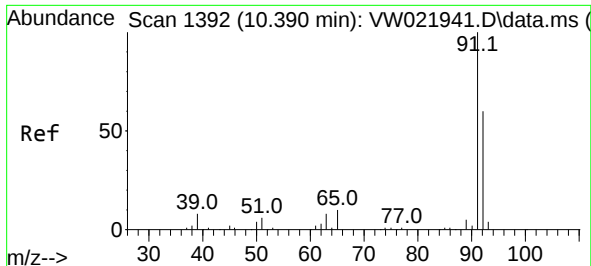
Ion Ratio Lower Upper

43 100

58 41.7 28.8 43.2

100 21.3 10.0 15.0#





#42

Toluene

Concen: 25.320 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

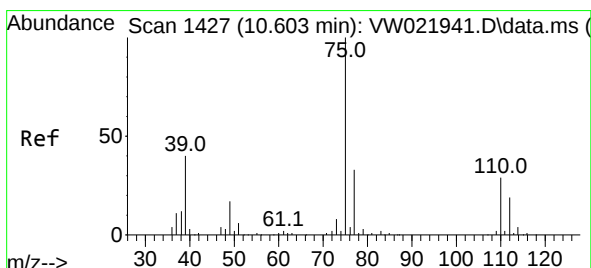
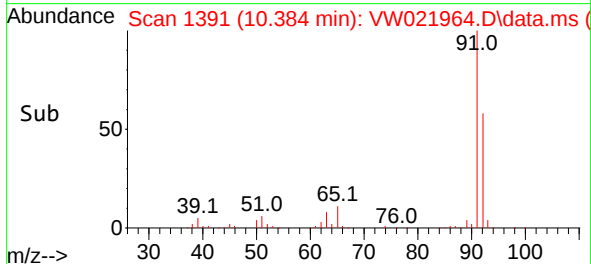
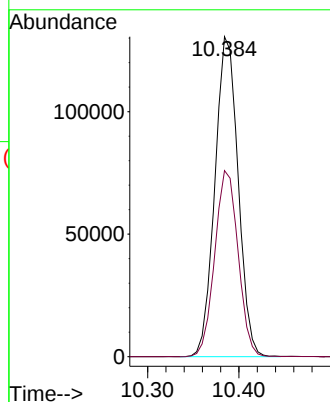
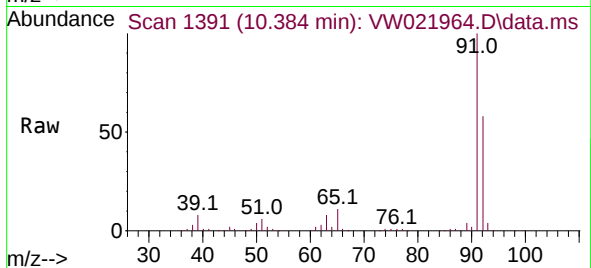
VSTD025542

Tgt Ion: 91 Resp: 230541

Ion Ratio Lower Upper

91 100

92 58.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 27.005 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021964.D

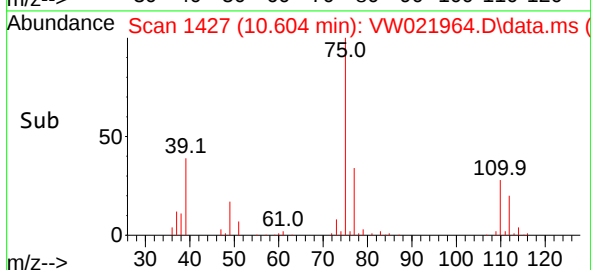
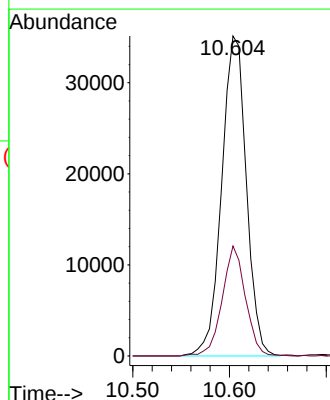
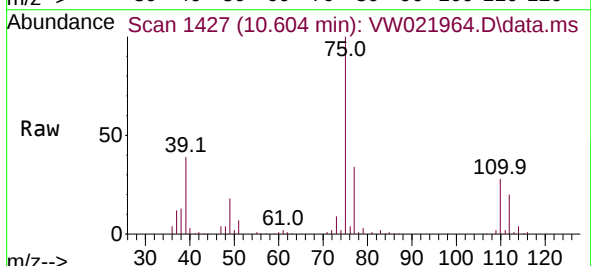
Acq: 17 Jan 2022 09:33

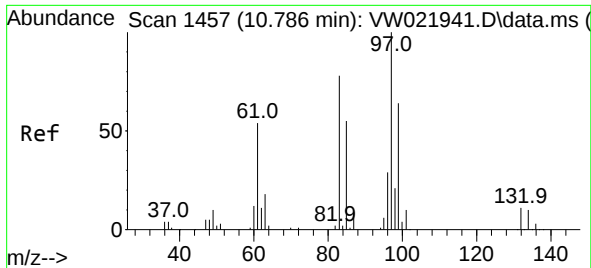
Tgt Ion: 75 Resp: 62114

Ion Ratio Lower Upper

75 100

77 34.3 22.2 41.2

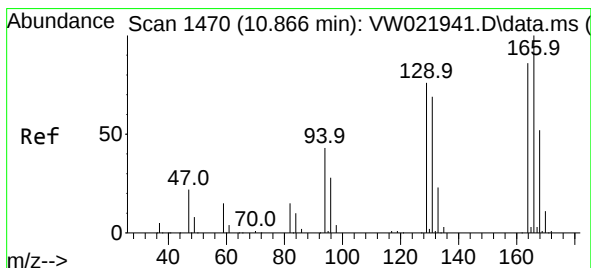
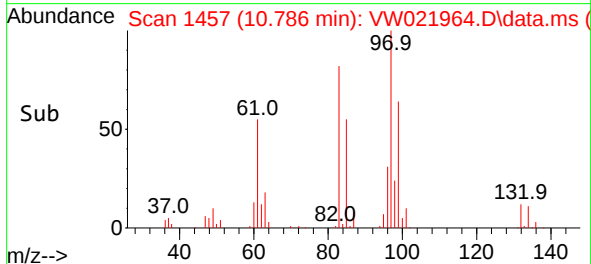
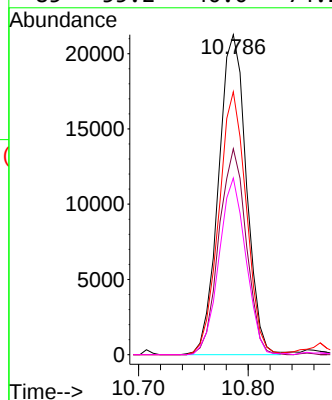
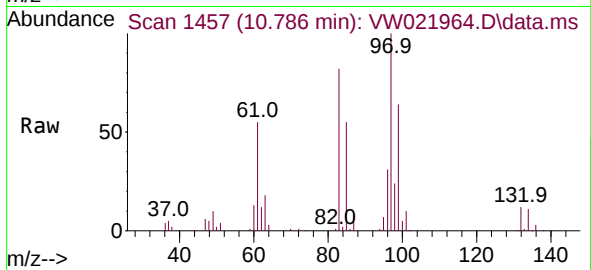




#45
1,1,2-Trichloroethane
Concen: 24.969 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

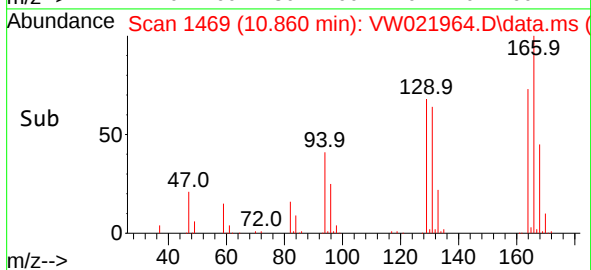
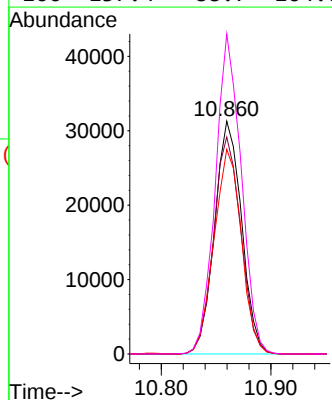
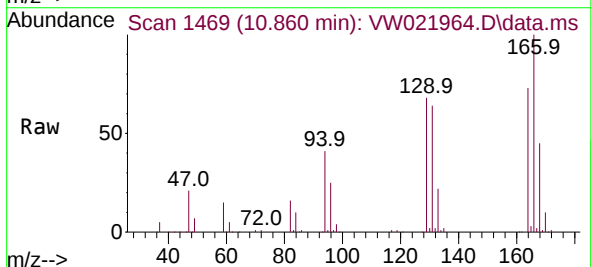
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

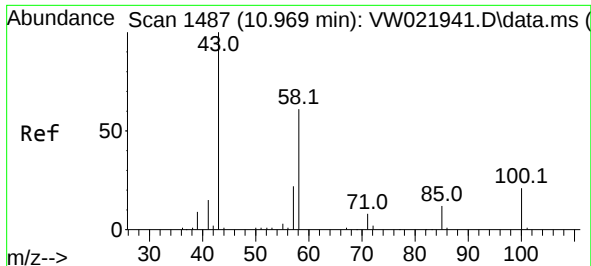
Tgt Ion:	97	Resp:	37493
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.0	79.8
83	82.1	62.6	116.3
85	55.2	40.0	74.2



#46
Tetrachloroethene
Concen: 23.020 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:	164	Resp:	53614
Ion	Ratio	Lower	Upper
164	100		
129	93.2	65.5	121.7
131	87.9	59.7	110.9
166	137.4	88.7	164.7

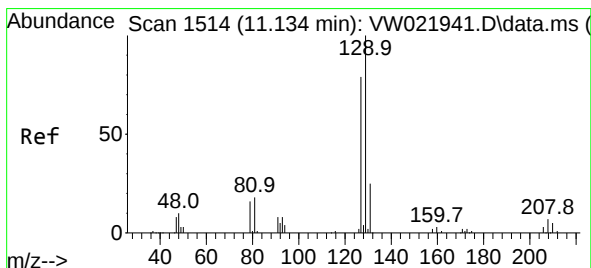
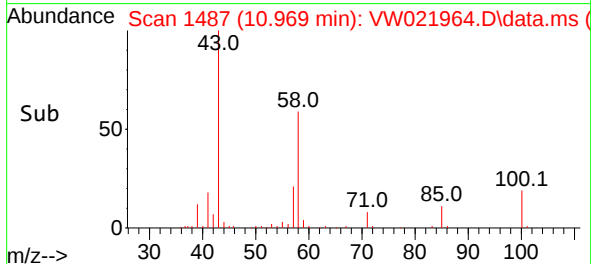
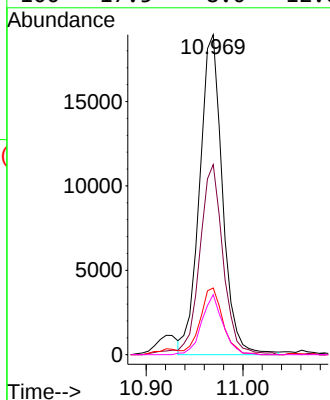
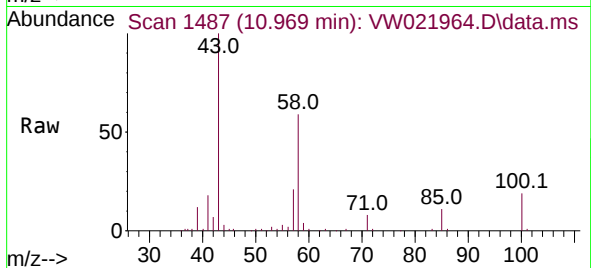




#48
2-Hexanone
Concen: 55.018 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

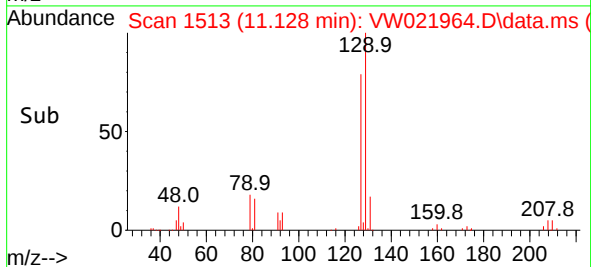
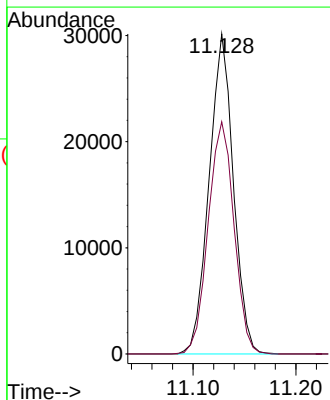
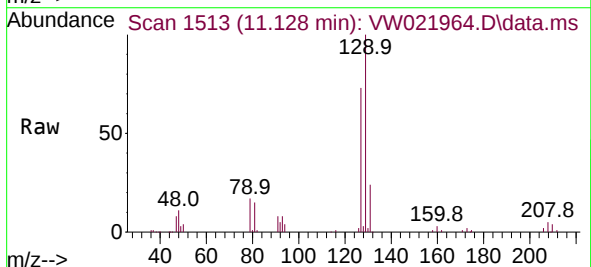
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

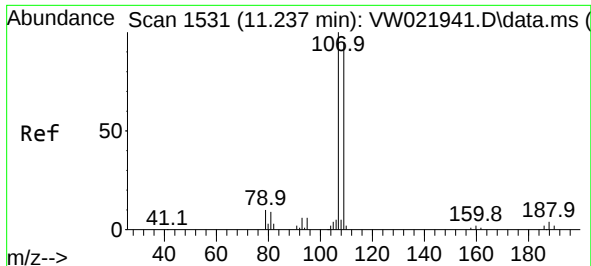
Tgt Ion: 43 Resp: 31274
Ion Ratio Lower Upper
43 100
58 59.8 40.2 60.2
57 19.6 14.3 21.5
100 17.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 26.137 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:129 Resp: 49451
Ion Ratio Lower Upper
129 100
127 72.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.082 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

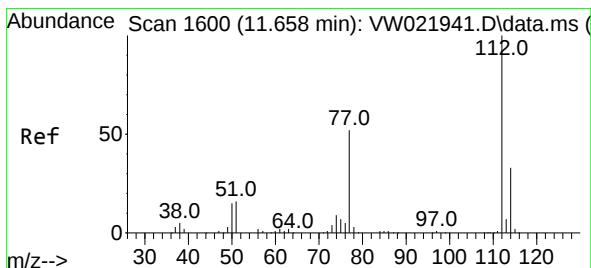
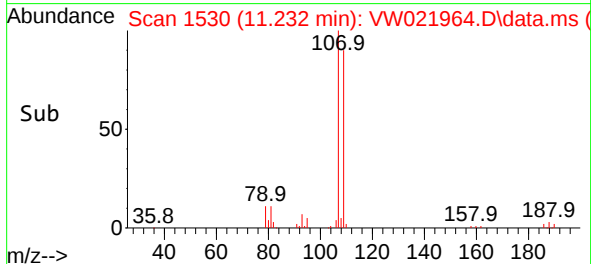
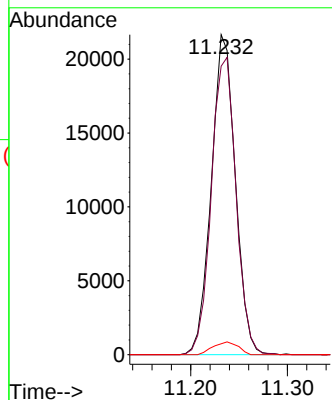
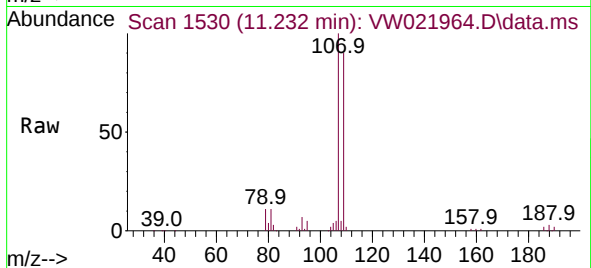
Tgt Ion:107 Resp: 37385

Ion Ratio Lower Upper

107 100

109 90.2 64.1 119.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 24.317 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

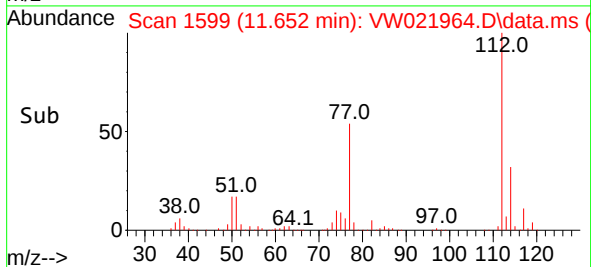
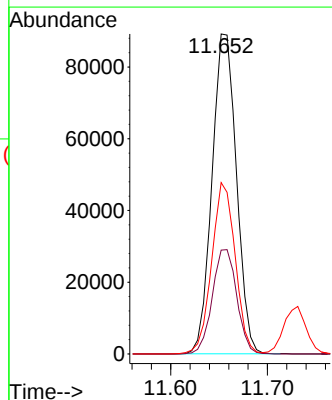
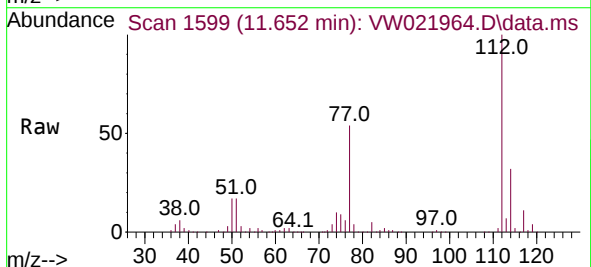
Tgt Ion:112 Resp: 156329

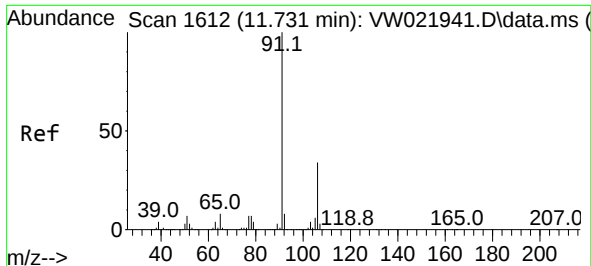
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 53.6 50.2 75.4

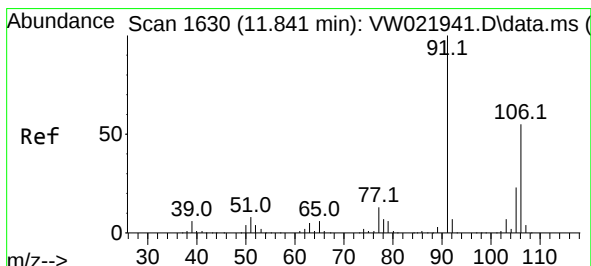
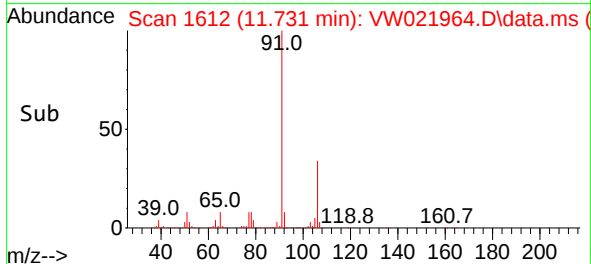
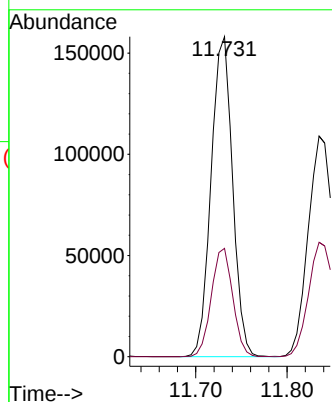
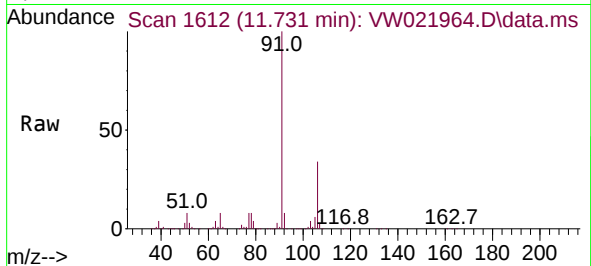




#52
Ethylbenzene
Concen: 25.462 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

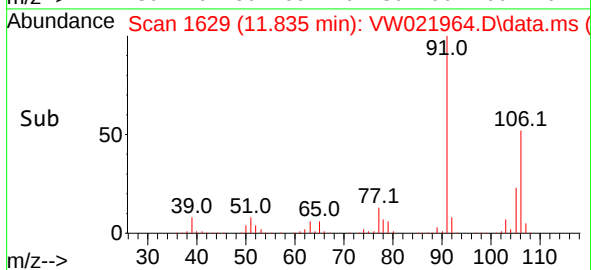
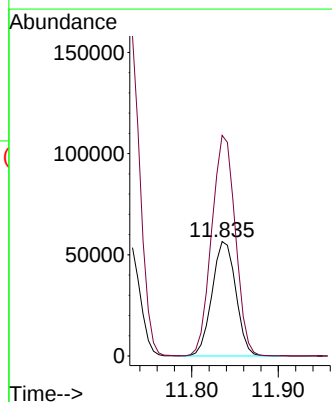
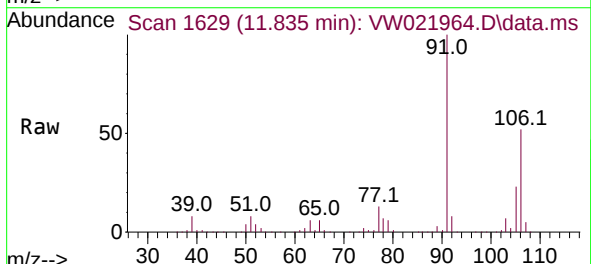
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

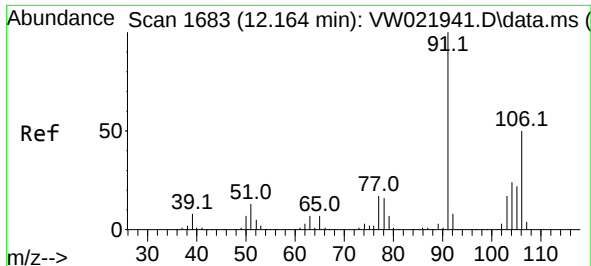
Tgt Ion: 91 Resp: 257541
Ion Ratio Lower Upper
91 100
106 33.8 21.5 39.9



#53
m,p-Xylene
Concen: 25.475 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:106 Resp: 107744
Ion Ratio Lower Upper
106 100
91 192.9 149.9 278.3

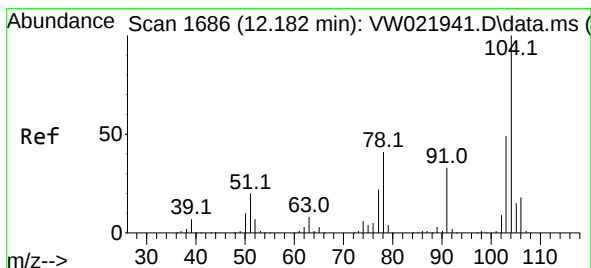
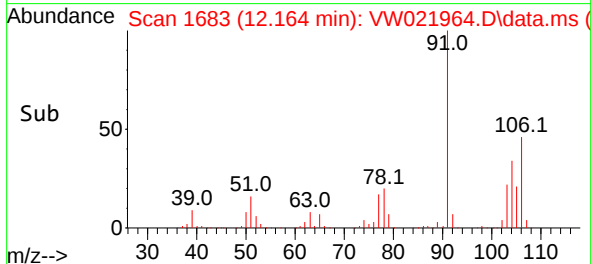
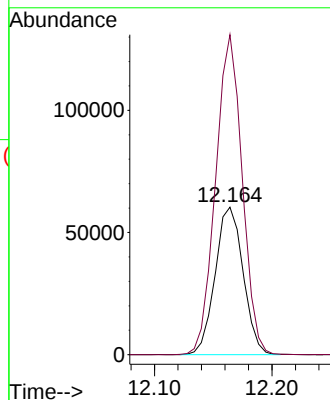
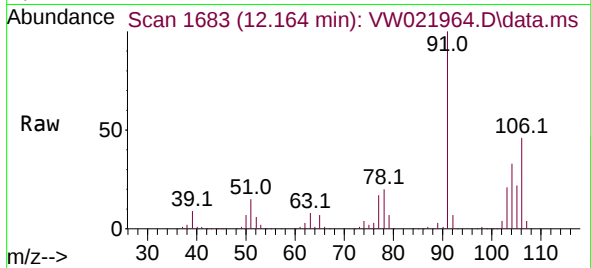




#54
o-Xylene
Concen: 25.467 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

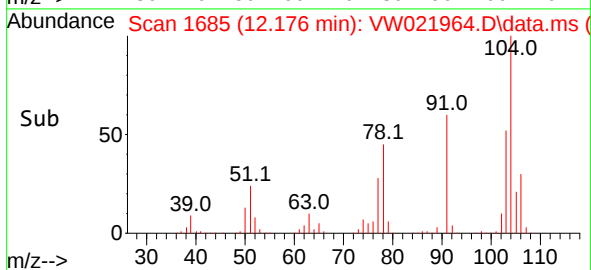
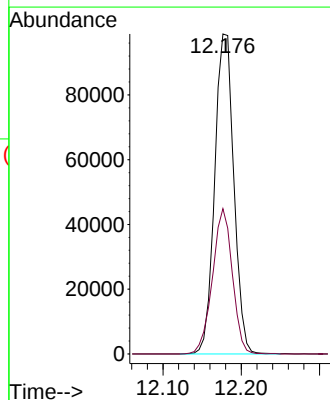
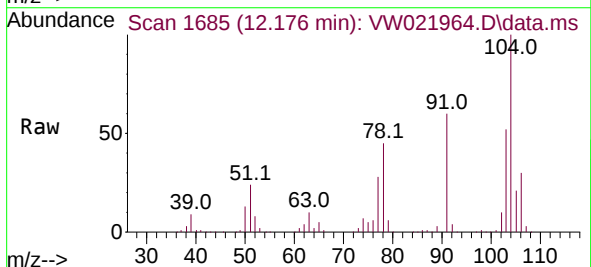
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

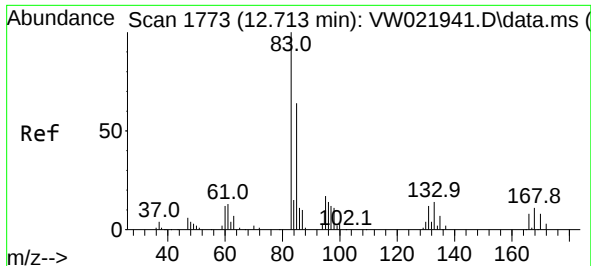
Tgt Ion:106 Resp: 99997
Ion Ratio Lower Upper
106 100
91 216.8 153.6 285.3



#55
Styrene
Concen: 25.953 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:104 Resp: 168238
Ion Ratio Lower Upper
104 100
78 45.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.607 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

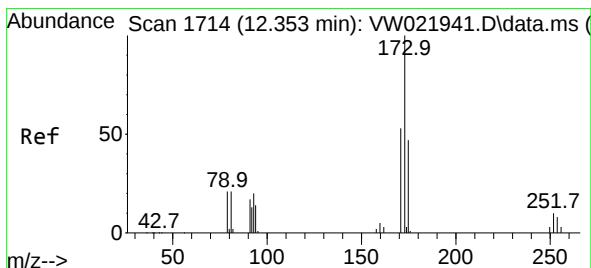
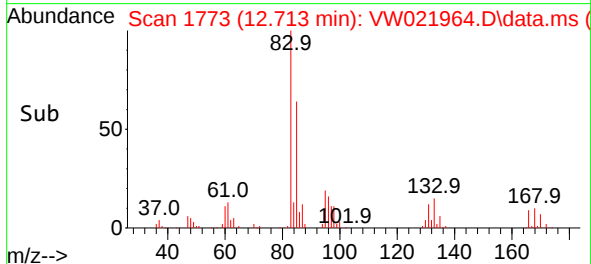
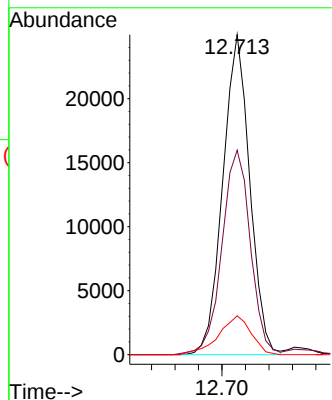
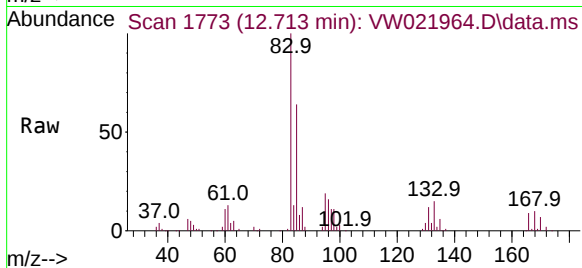
Tgt Ion: 83 Resp: 39754

Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.6

131 12.2 6.9 10.3#



#59

Bromoform

Concen: 24.895 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

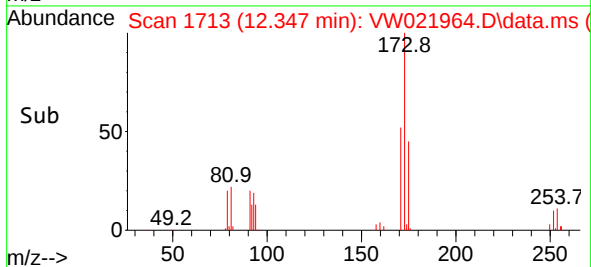
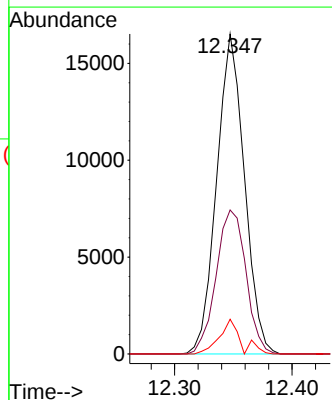
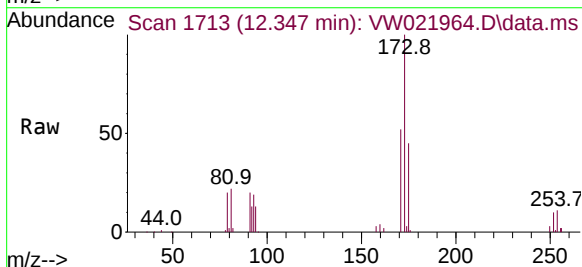
Tgt Ion: 173 Resp: 27108

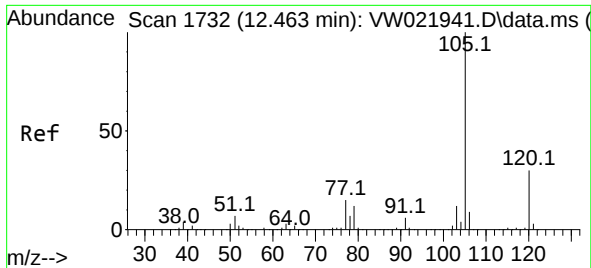
Ion Ratio Lower Upper

173 100

175 48.3 39.6 59.4

254 6.9 7.4 11.0#

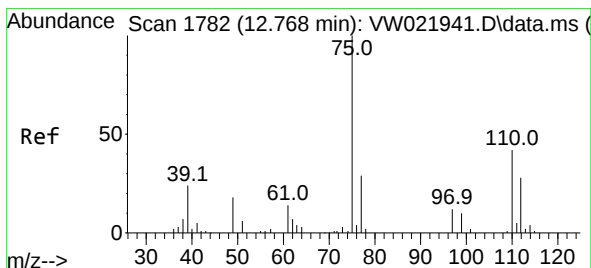
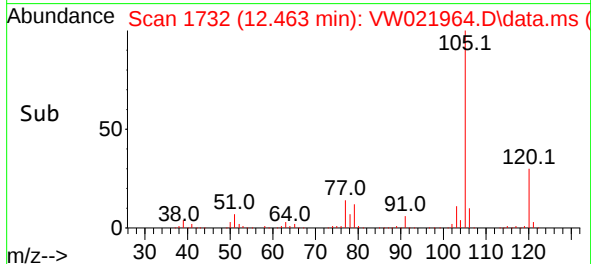
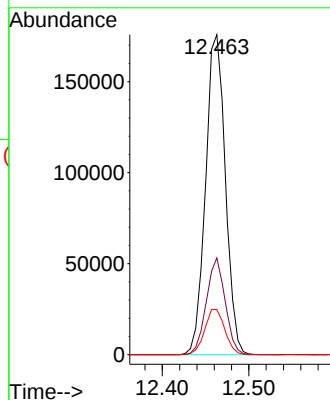
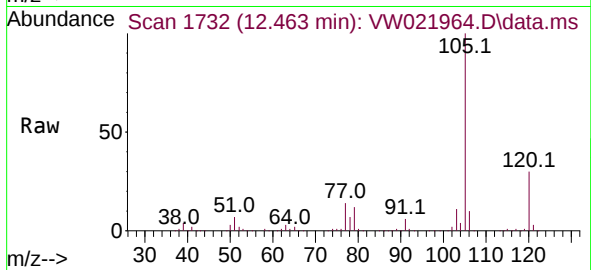




#60
Isopropylbenzene
Concen: 25.642 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

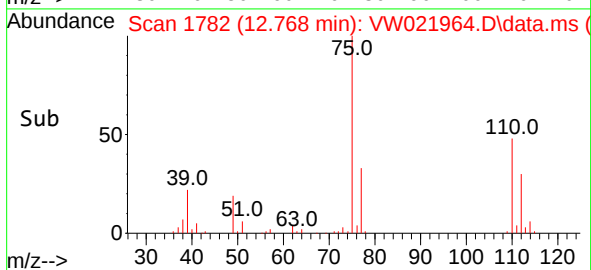
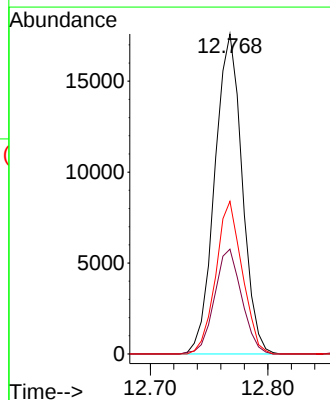
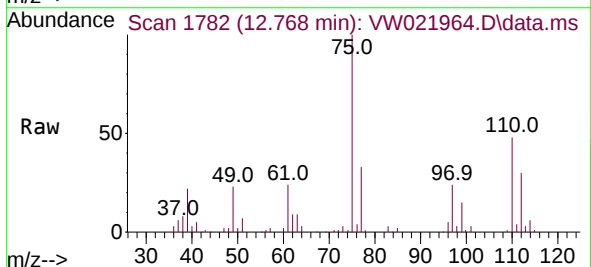
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

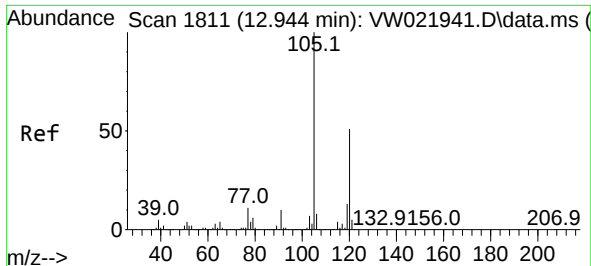
Tgt Ion:105 Resp: 278882
Ion Ratio Lower Upper
105 100
120 28.8 20.1 30.1
77 14.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.962 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion: 75 Resp: 28491
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 46.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 26.259 ug/L

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

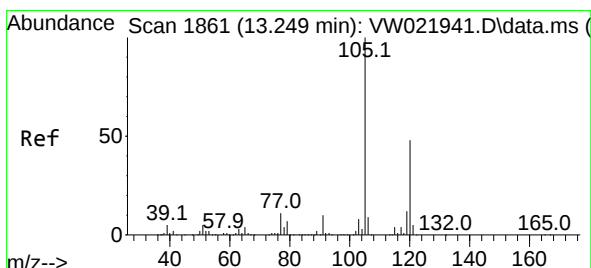
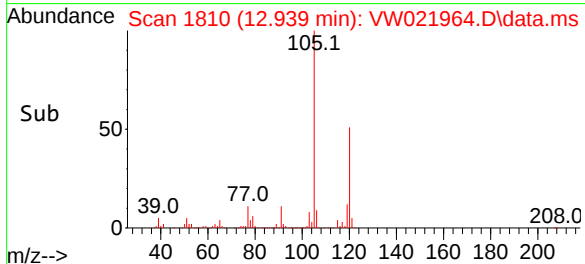
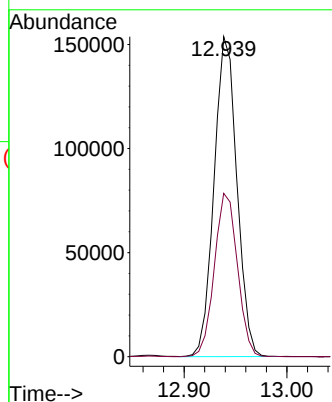
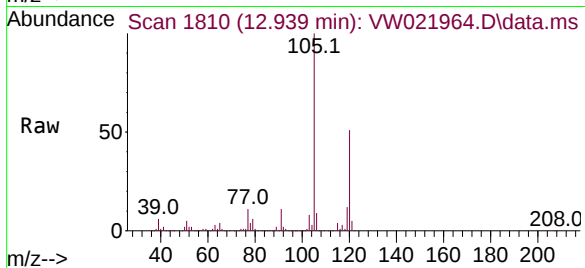
VSTD025542

Tgt Ion:105 Resp: 236498

Ion Ratio Lower Upper

105 100

120 51.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.949 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021964.D

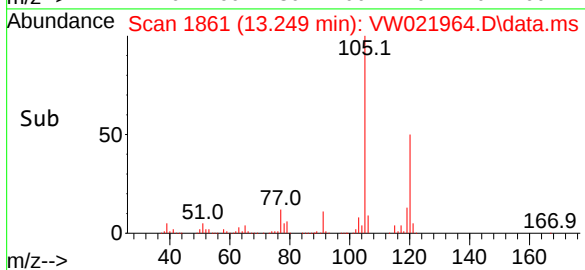
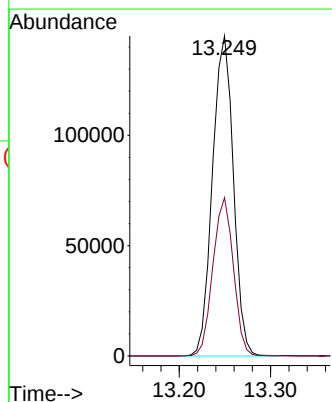
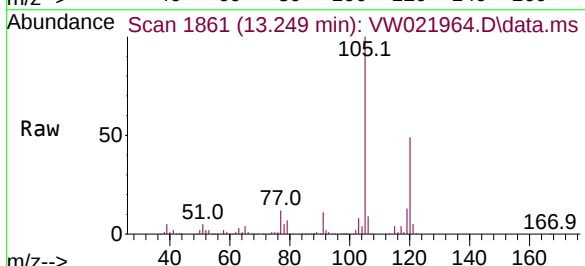
Acq: 17 Jan 2022 09:33

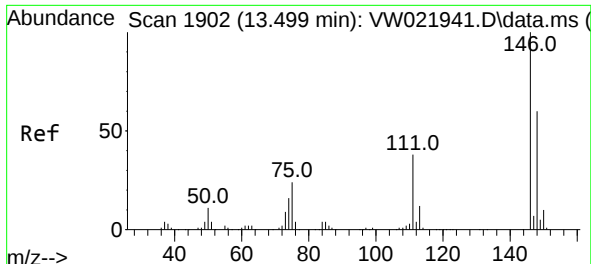
Tgt Ion:105 Resp: 230492

Ion Ratio Lower Upper

105 100

120 48.4 35.0 52.6

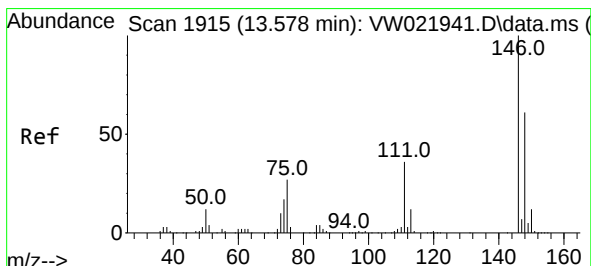
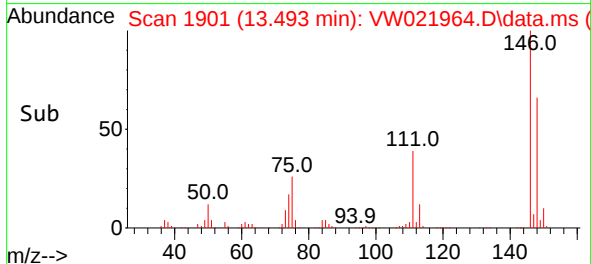
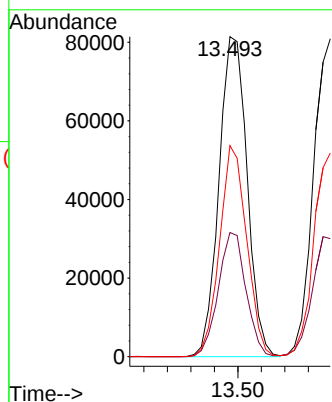
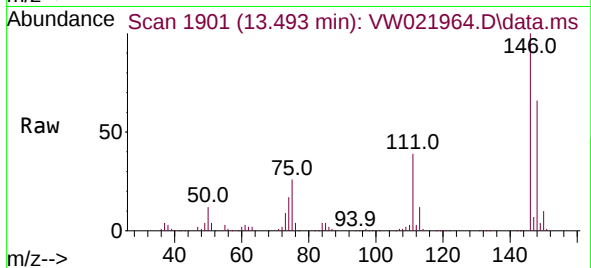




#64
1,3-Dichlorobenzene
Concen: 24.805 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

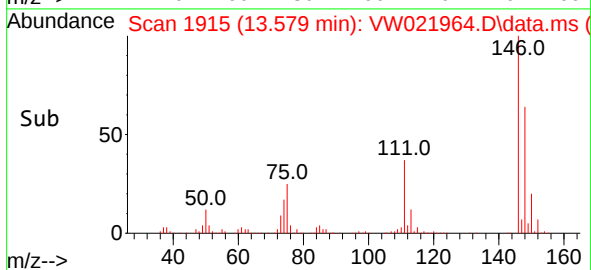
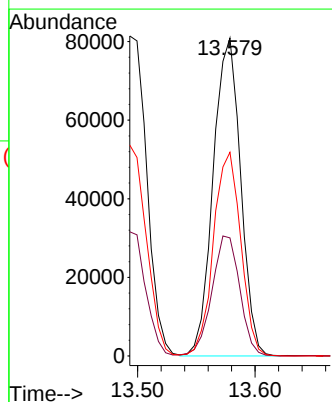
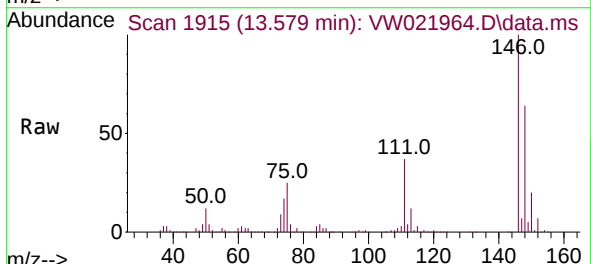
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

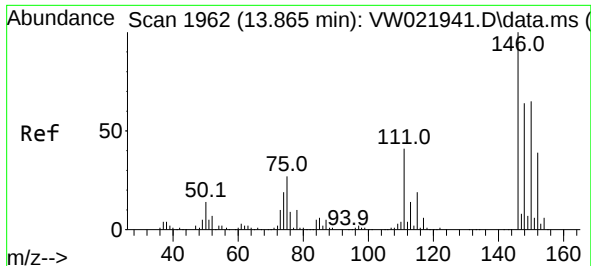
Tgt Ion:146 Resp: 135636
Ion Ratio Lower Upper
146 100
111 38.8 29.8 55.3
148 65.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.334 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:146 Resp: 131379
Ion Ratio Lower Upper
146 100
111 37.1 29.0 53.9
148 64.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.493 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

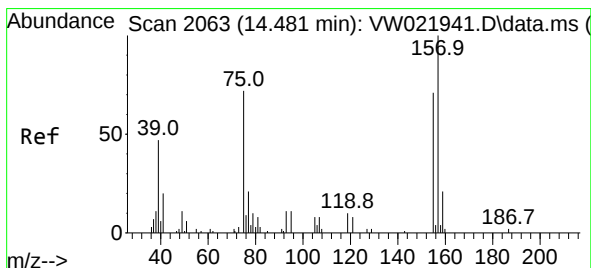
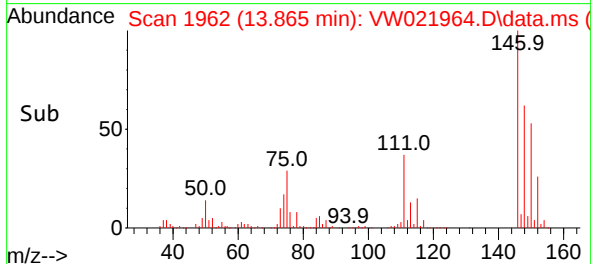
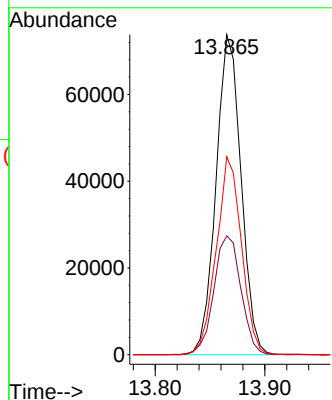
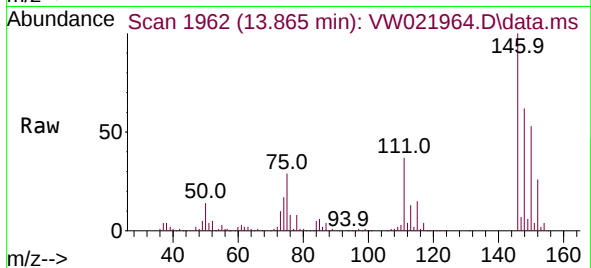
Tgt Ion:146 Resp: 117262

Ion Ratio Lower Upper

146 100

111 37.1 33.1 49.7

148 61.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.355 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021964.D

Acq: 17 Jan 2022 09:33

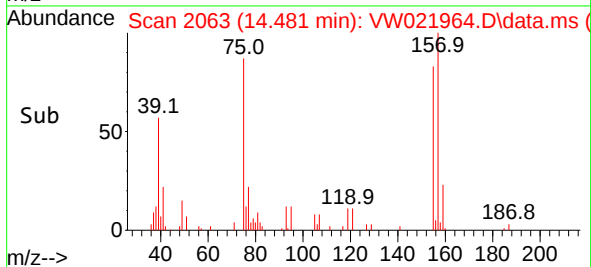
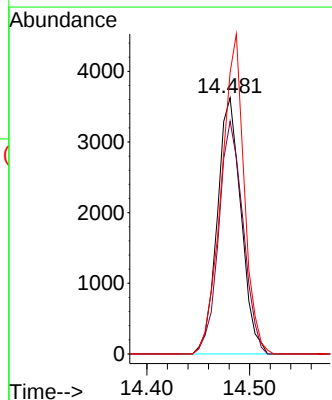
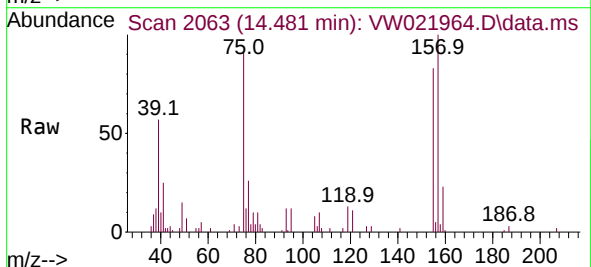
Tgt Ion: 75 Resp: 5809

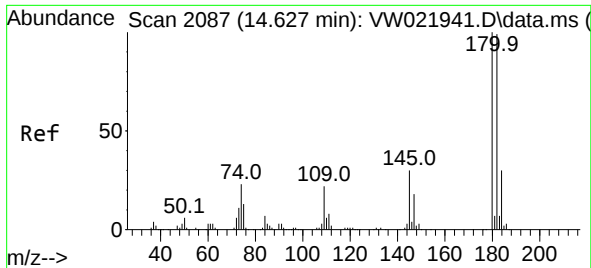
Ion Ratio Lower Upper

75 100

155 90.8 54.2 81.2#

157 109.9 69.4 104.2#

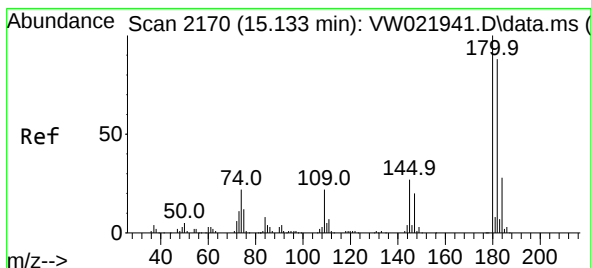
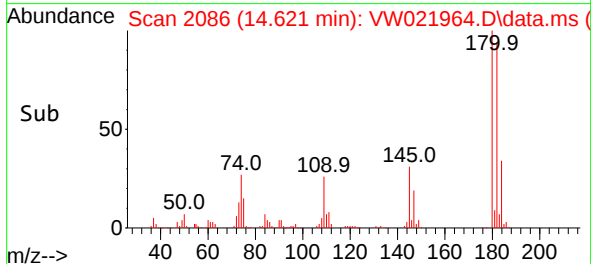
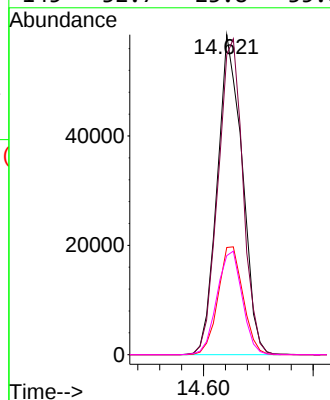
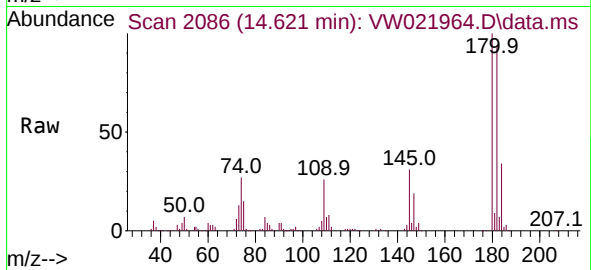




#69
1,3,5-Trichlorobenzene
Concen: 22.785 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

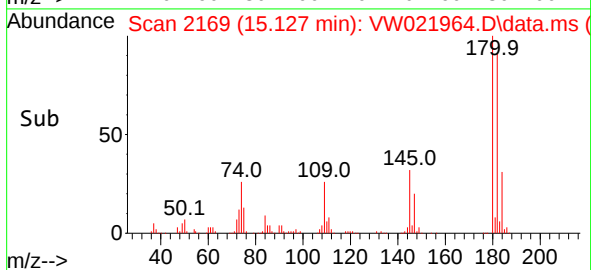
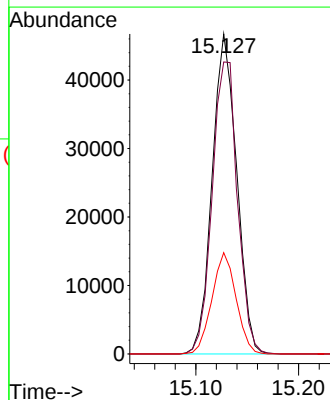
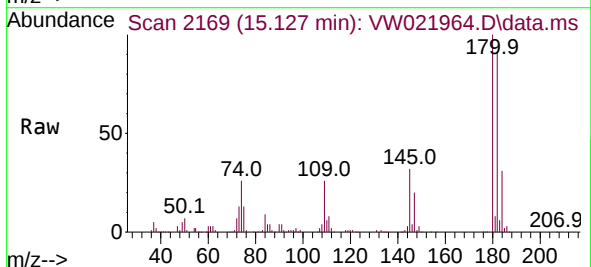
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

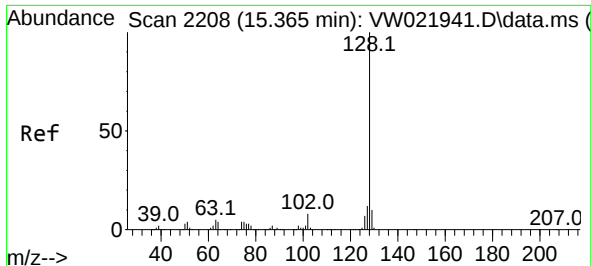
Tgt Ion:180	Resp:	92602
Ion Ratio	Lower	Upper
180	100	
182	98.5	75.4 113.0
184	33.7	23.8 35.8
145	32.7	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.895 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:180	Resp:	77382
Ion Ratio	Lower	Upper
180	100	
182	94.1	79.0 118.6
145	31.2	26.0 39.0

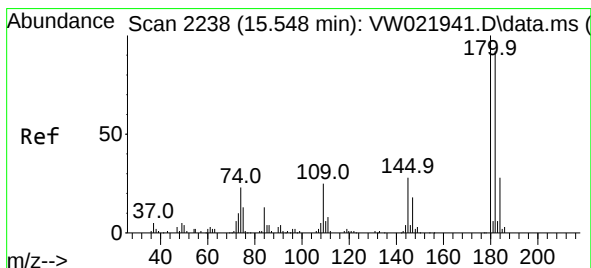
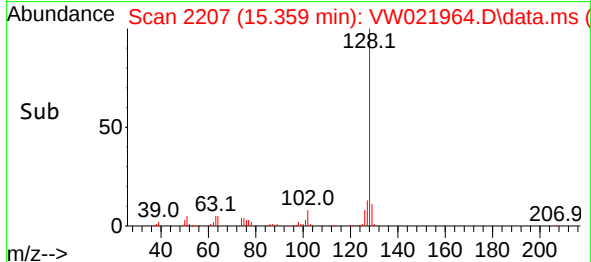
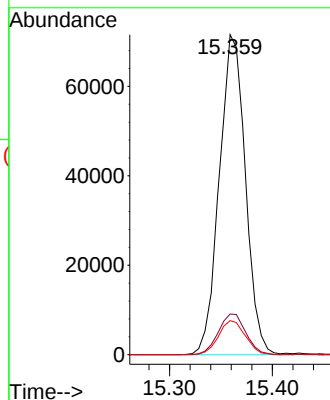
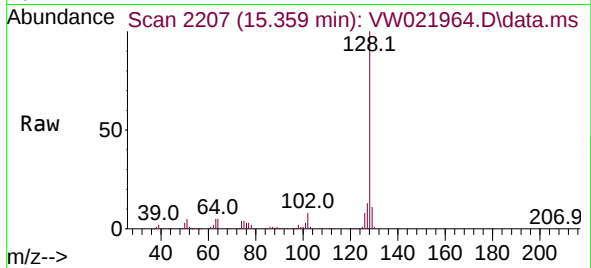




#71
Naphthalene
Concen: 25.259 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

Tgt Ion:128 Resp: 126179
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.371 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW021964.D
Acq: 17 Jan 2022 09:33

Tgt Ion:180 Resp: 62500
Ion Ratio Lower Upper
180 100
182 97.6 76.6 114.8
145 33.1 27.4 41.0

