

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021716.D
 Acq On : 03 Jan 2022 13:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jan 04 00:23:58 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	8.842	114	100279	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42009	21.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
7) Chloroethane-d5	2.885	69	29886	22.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.019	63	65259	22.554	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	7.080	46	13119	45.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.700%
24) Chloroform-d	7.647	84	73742	23.541	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	37607	22.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.275	84	134378	22.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.274	67	37375	22.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	10.323	98	133525	22.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.579	79	17137	21.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	10.921	63	10946	43.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31323	23.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	50846	21.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12489	21.003	ug/L	97
3) Chloromethane	2.215	50	33022	21.501	ug/L	98
5) Vinyl chloride	2.361	62	52294	23.086	ug/L	99
6) Bromomethane	2.776	94	32798	22.253	ug/L	91
8) Chloroethane	2.916	64	25420	23.551	ug/L	97
9) Trichlorofluoromethane	3.257	101	31604	23.189	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40628	24.477	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36210	24.392	ug/L	# 66
13) Acetone	4.123	43	11732	47.768	ug/L	92
14) Carbon disulfide	4.379	76	102177	23.785	ug/L	100
15) Methyl Acetate	4.672	43	11119	23.727	ug/L	# 87
16) Methylene chloride	4.915	84	38226	21.354	ug/L	81
17) trans-1,2-Dichloroethene	5.421	96	38012	24.238	ug/L	80
18) Methyl tert-butyl Ether	5.421	73	51501	23.584	ug/L	93
19) 1,1-Dichloroethane	6.214	63	59344	24.255	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	39732	24.407	ug/L	74
22) 2-Butanone	7.171	43	15631	46.814	ug/L	85
23) Bromochloromethane	7.513	128	18677	23.735	ug/L	# 64
25) Chloroform	7.671	83	69314	24.559	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021716.D
 Acq On : 03 Jan 2022 13:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jan 04 00:23:58 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

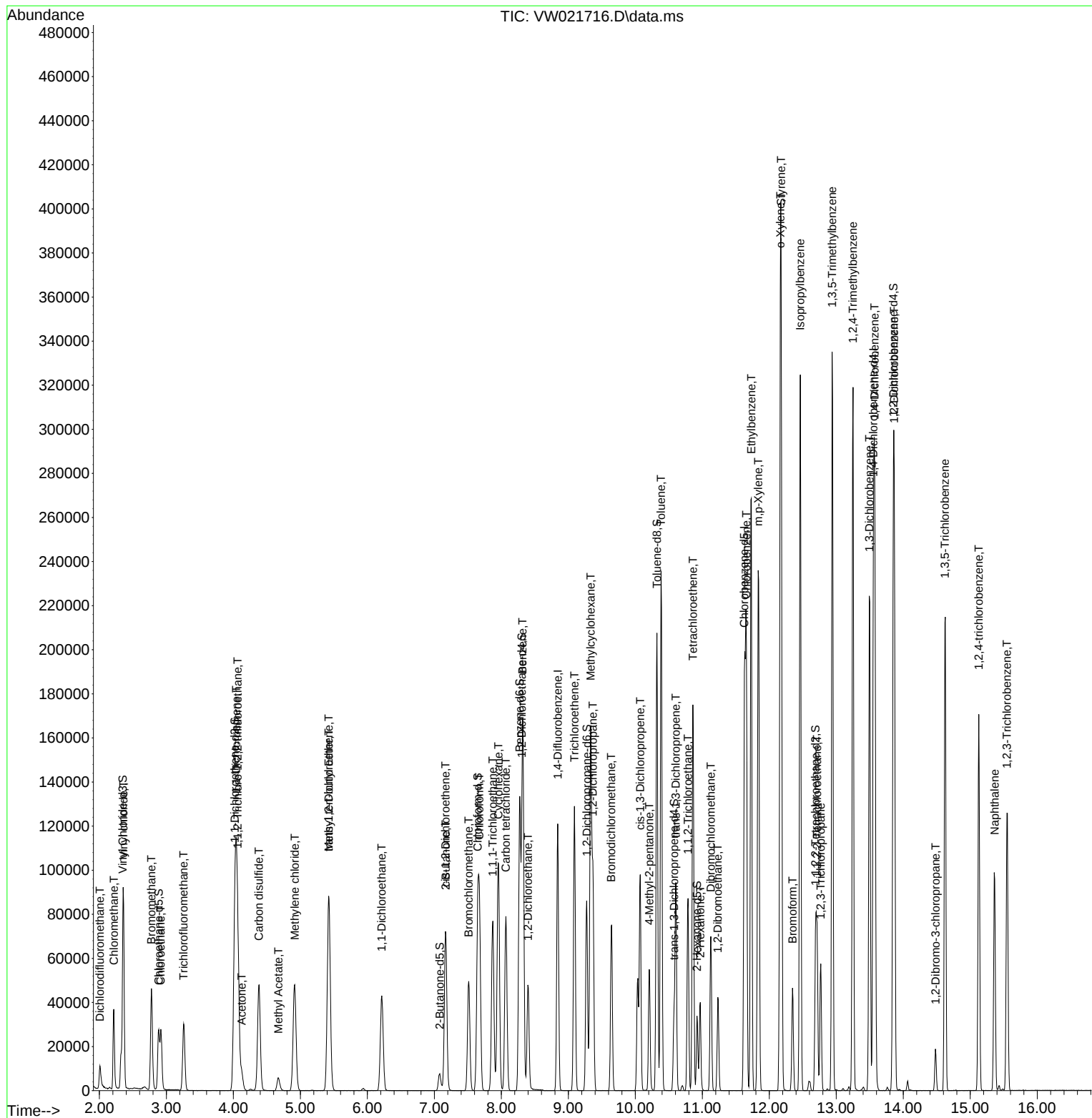
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43857	23.957	ug/L	96
29) Cyclohexane	7.958	56	54142	22.960	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	62344	23.173	ug/L	94
31) Carbon tetrachloride	8.067	117	60104	22.973	ug/L	100
33) Benzene	8.317	78	143968	23.140	ug/L	100
34) Trichloroethene	9.092	95	41004	23.216	ug/L	89
35) Methylcyclohexane	9.335	83	67798	23.266	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	32260	23.396	ug/L #	95
38) Bromodichloromethane	9.640	83	49964	23.741	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	53982	23.962	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	33456	44.046	ug/L #	91
42) Toluene	10.384	91	168606	23.476	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	47310	23.373	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	26788	23.390	ug/L	92
46) Tetrachloroethene	10.860	164	39221	23.713	ug/L	96
48) 2-Hexanone	10.969	43	25053	48.568	ug/L #	96
49) Dibromochloromethane	11.128	129	36271	23.572	ug/L	97
50) 1,2-Dibromoethane	11.231	107	26933	23.415	ug/L	98
51) Chlorobenzene	11.658	112	110677	23.884	ug/L	92
52) Ethylbenzene	11.731	91	190301	23.605	ug/L	96
53) m,p-Xylene	11.835	106	77862	24.103	ug/L	88
54) o-Xylene	12.164	106	72677	23.738	ug/L	94
55) Styrene	12.176	104	124206	23.622	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	30581	24.139	ug/L #	96
59) Bromoform	12.347	173	21762	23.594	ug/L	95
60) Isopropylbenzene	12.463	105	205834	23.364	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21724	22.464	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	172716	23.189	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	170218	23.008	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	97720	23.493	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	96248	23.206	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	82983	22.851	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4268	20.043	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.621	180	72325	23.670	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	56153	23.023	ug/L	91
71) Naphthalene	15.365	128	87163	21.965	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	47533	23.152	ug/L	91

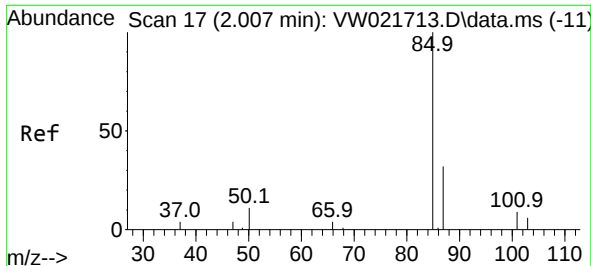
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
Data File : VW021716.D
Acq On : 03 Jan 2022 13:04
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.05g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Quant Time: Jan 04 00:23:58 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

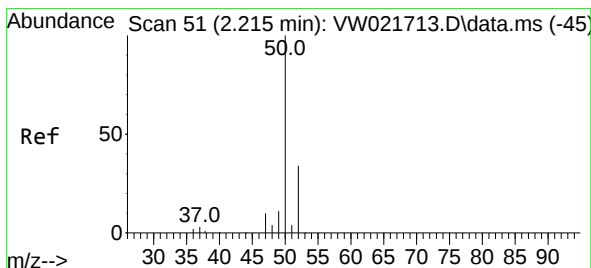
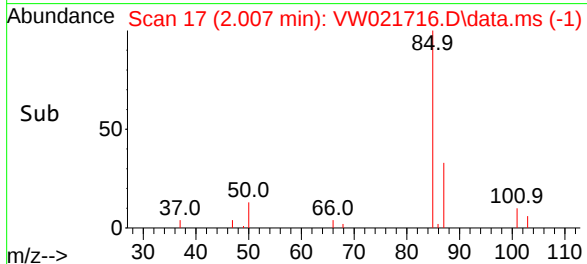
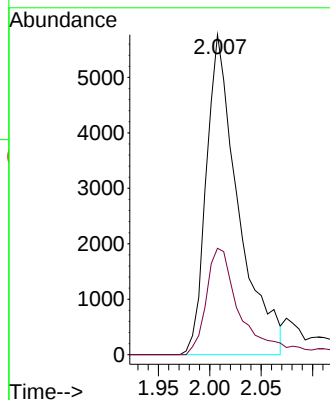
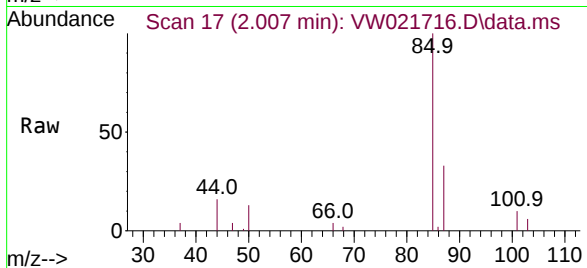




#2
 Dichlorodifluoromethane
 Concen: 21.003 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021716.D
 Acq: 03 Jan 2022 13:04

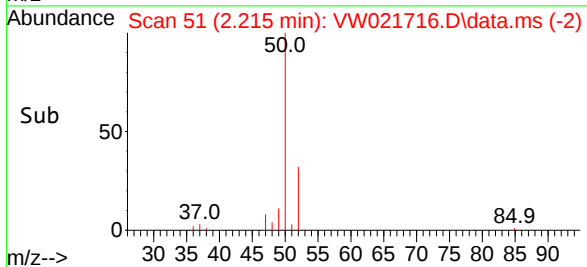
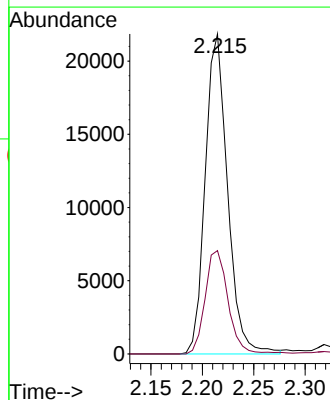
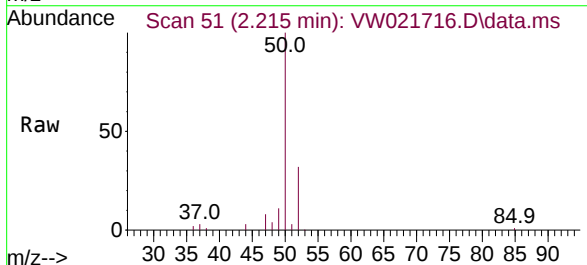
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

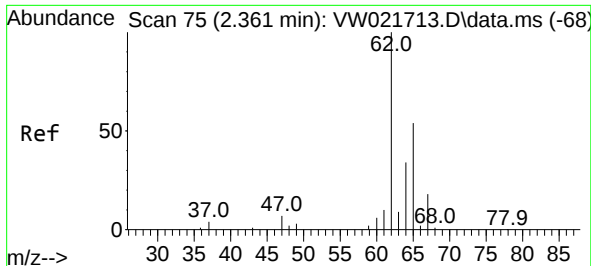
Tgt Ion: 85 Resp: 12489
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.8 38.6



#3
 Chloromethane
 Concen: 21.501 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021716.D
 Acq: 03 Jan 2022 13:04

Tgt Ion: 50 Resp: 33022
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6

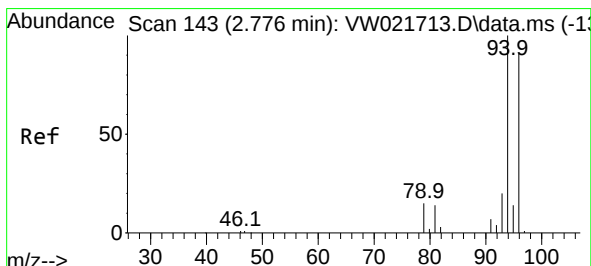
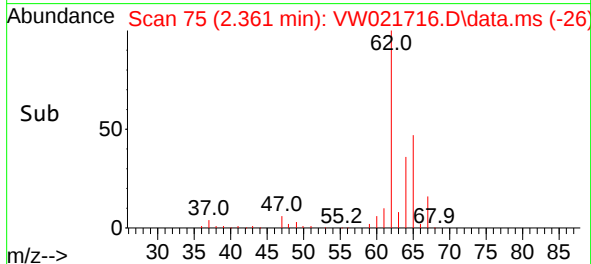
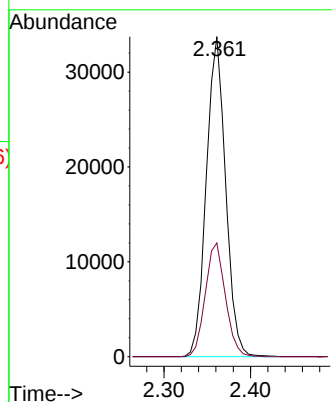
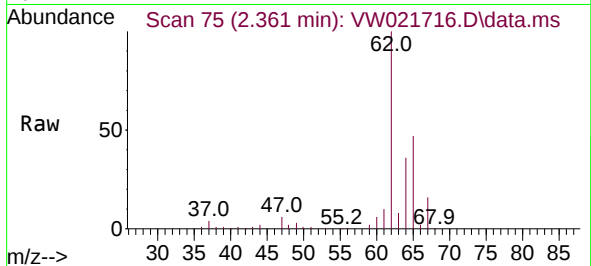




#5
 Vinyl chloride
 Concen: 23.086 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021716.D
 Acq: 03 Jan 2022 13:04

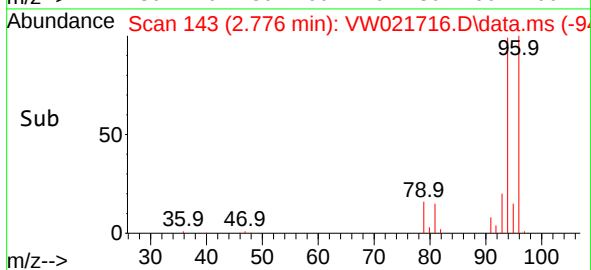
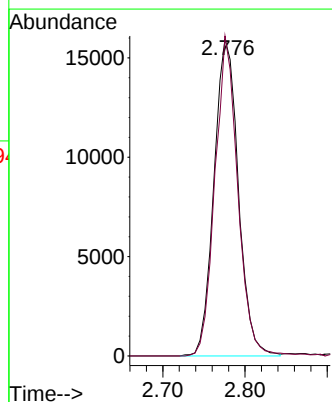
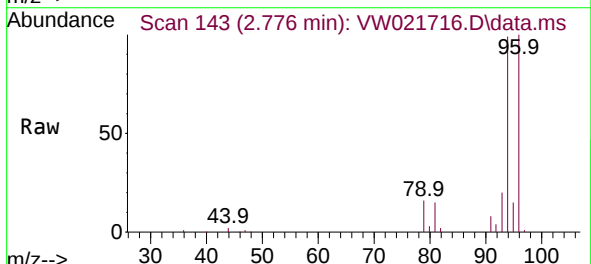
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

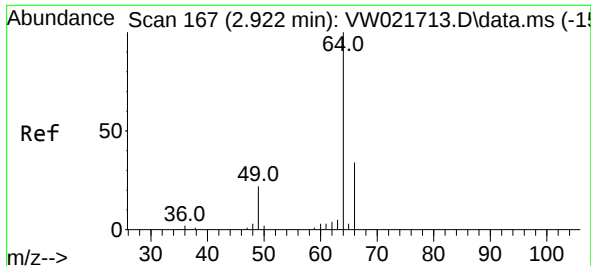
Tgt Ion: 62 Resp: 52294
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 22.253 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021716.D
 Acq: 03 Jan 2022 13:04

Tgt Ion: 94 Resp: 32798
 Ion Ratio Lower Upper
 94 100
 96 100.9 64.8 120.4

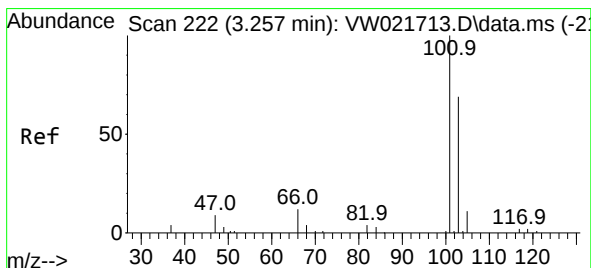
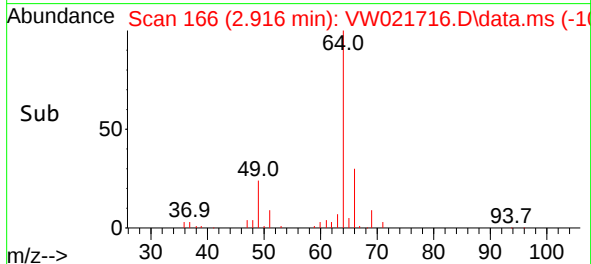
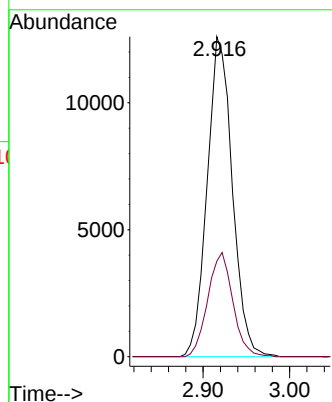
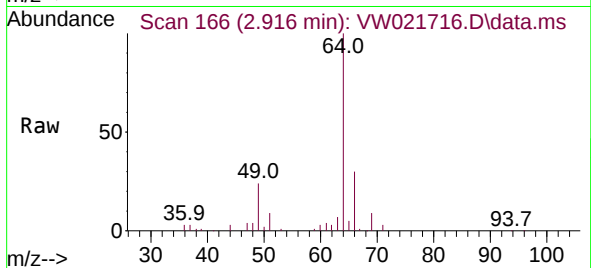




#8
Chloroethane
Concen: 23.551 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

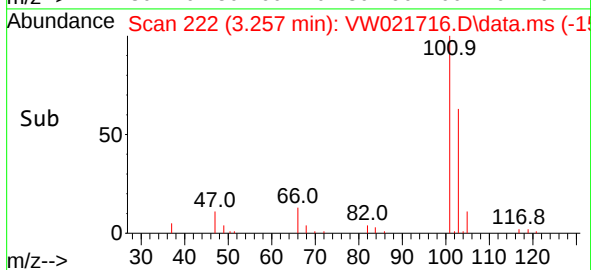
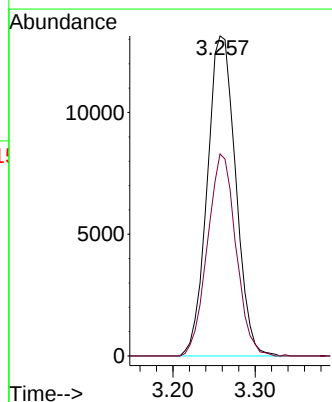
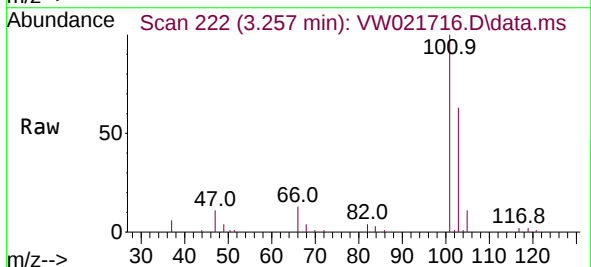
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

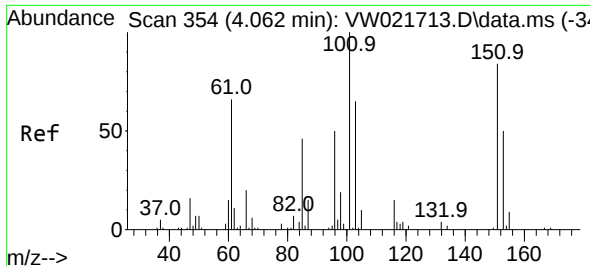
Tgt Ion: 64 Resp: 25420
Ion Ratio Lower Upper
64 100
66 29.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.189 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion:101 Resp: 31604
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

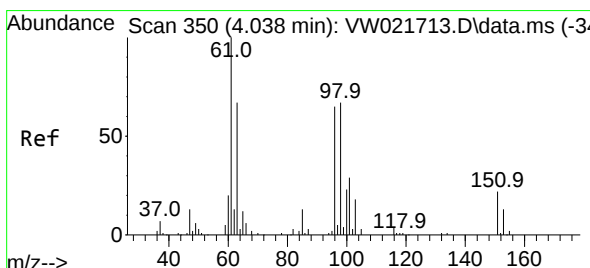
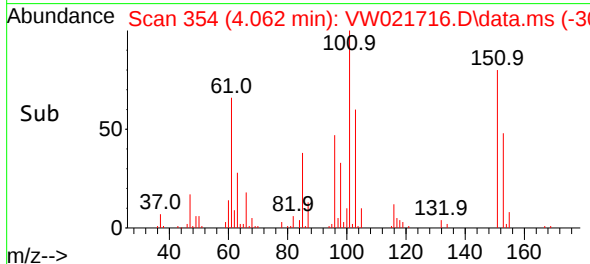
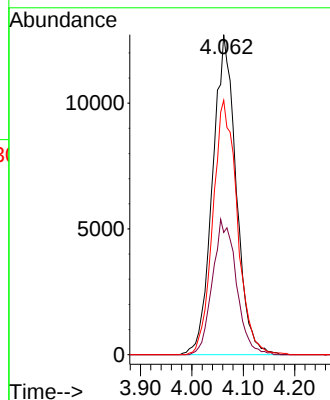
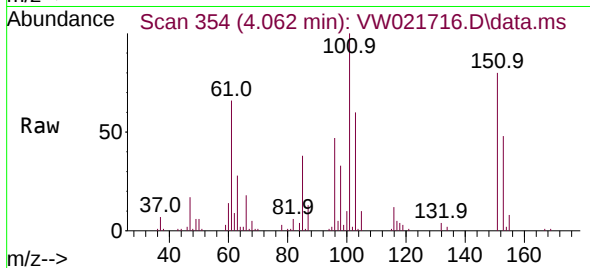




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.477 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

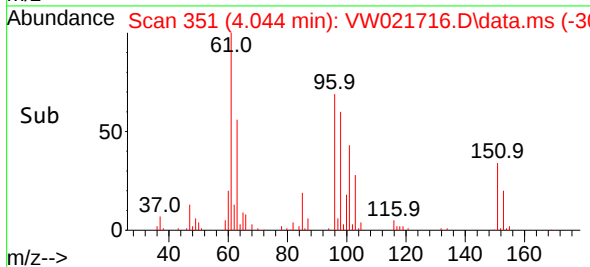
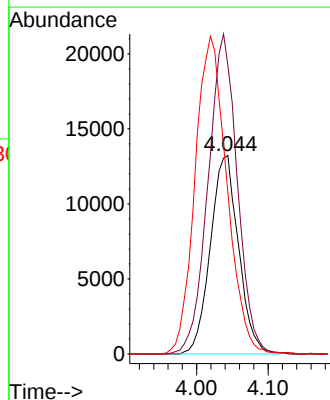
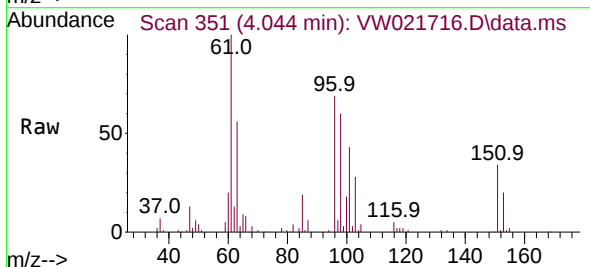
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

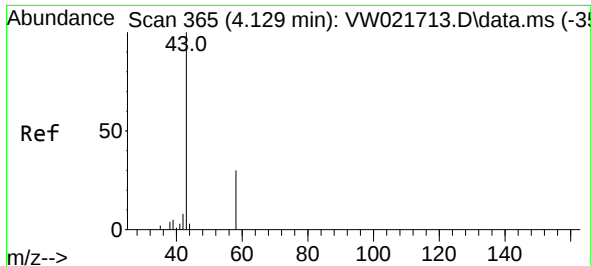
Tgt Ion:101 Resp: 40628
Ion Ratio Lower Upper
101 100
85 42.6 36.6 54.8
151 82.0 57.4 86.0



#12
1,1-Dichloroethene
Concen: 24.392 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 96 Resp: 36210
Ion Ratio Lower Upper
96 100
61 145.5 138.3 256.9
63 81.4 82.6 153.4#





#13

Acetone

Concen: 47.768 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

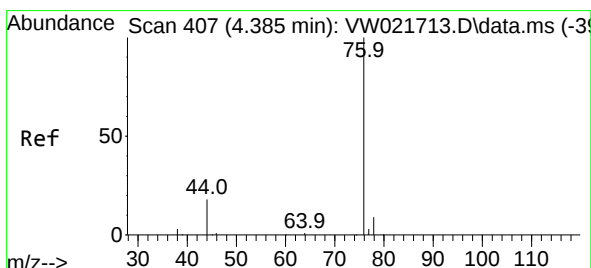
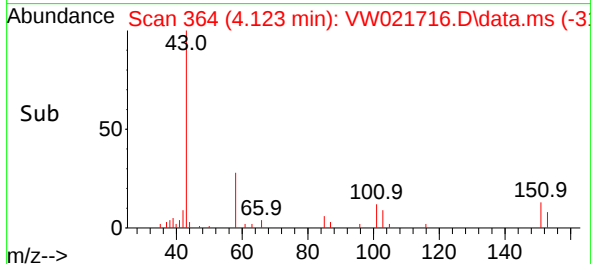
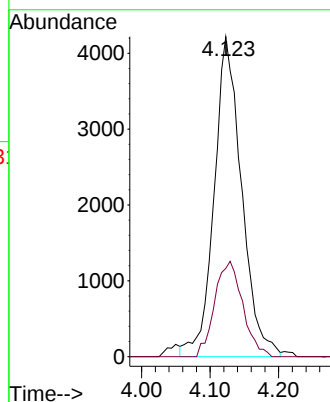
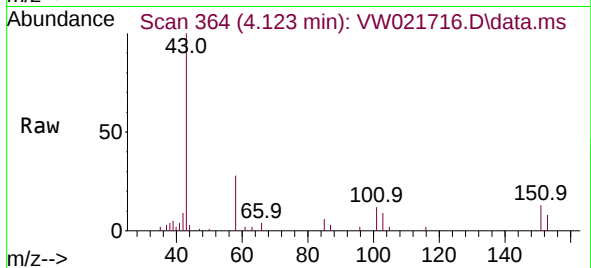
VSTD025540

Tgt Ion: 43 Resp: 11732

Ion Ratio Lower Upper

43 100

58 30.4 0.0 52.8



#14

Carbon disulfide

Concen: 23.785 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021716.D

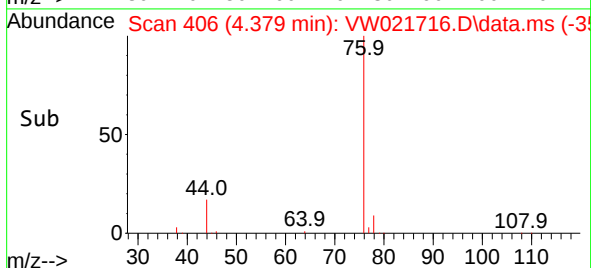
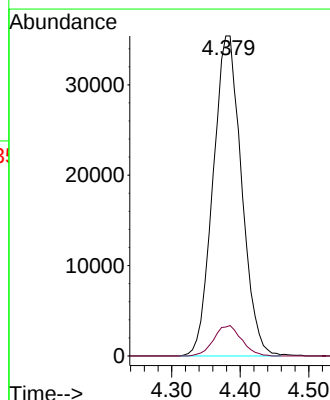
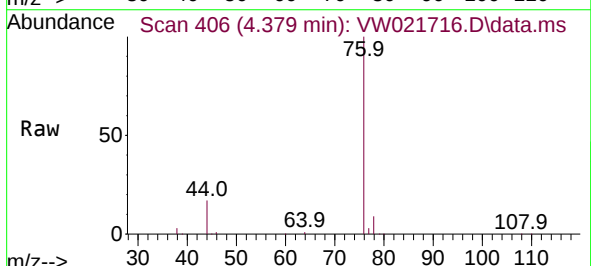
Acq: 03 Jan 2022 13:04

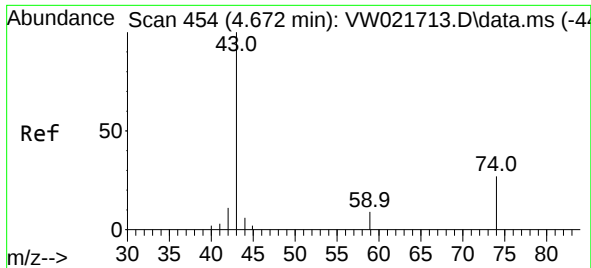
Tgt Ion: 76 Resp: 102177

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

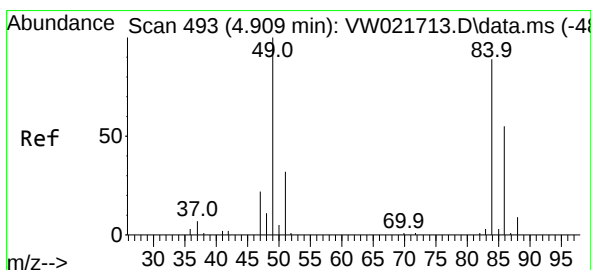
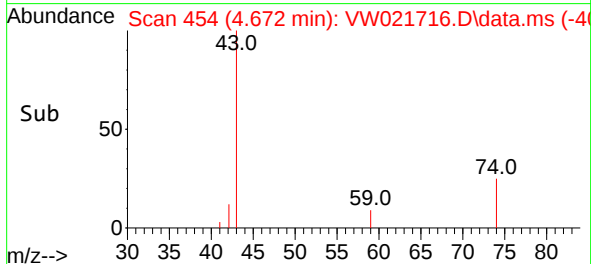
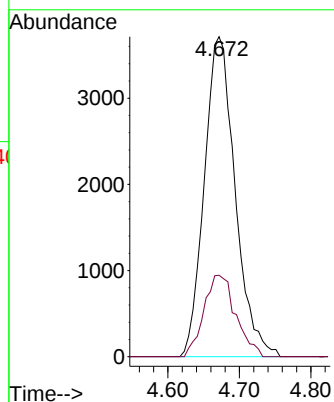
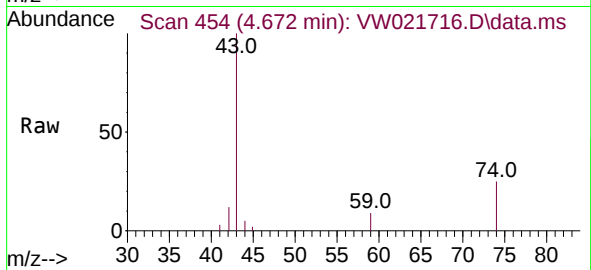




#15
Methyl Acetate
Concen: 23.727 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

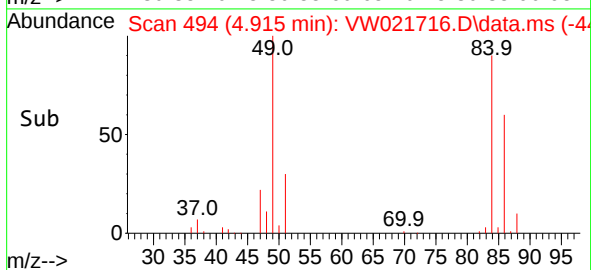
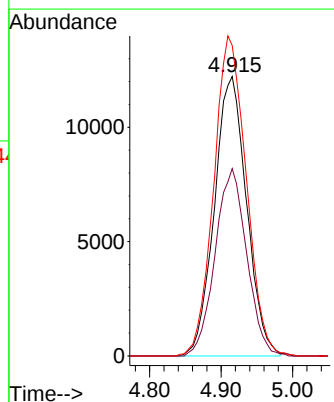
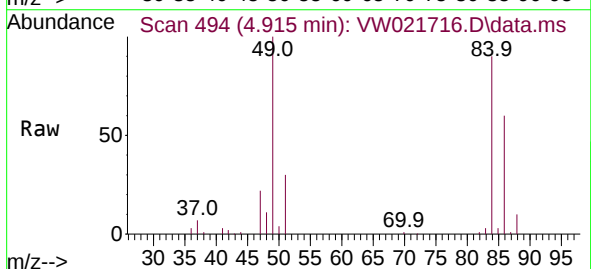
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

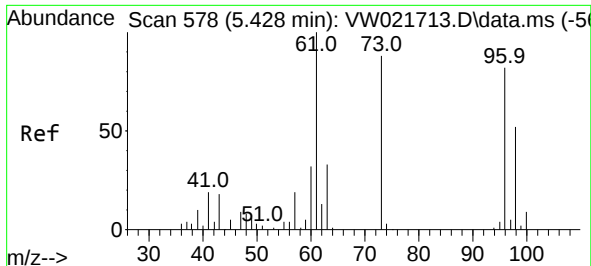
Tgt Ion: 43 Resp: 11119
Ion Ratio Lower Upper
43 100
74 26.3 16.4 24.6#



#16
Methylene chloride
Concen: 21.354 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 84 Resp: 38226
Ion Ratio Lower Upper
84 100
86 67.1 45.5 84.5
49 111.1 100.5 186.7

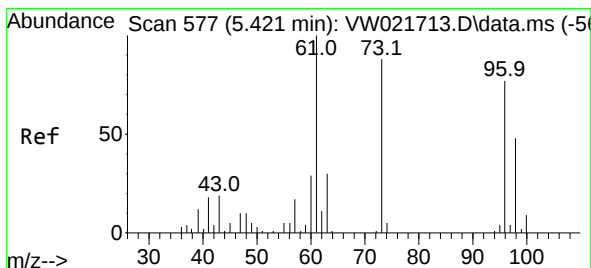
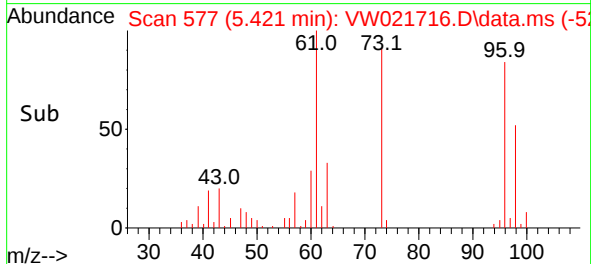
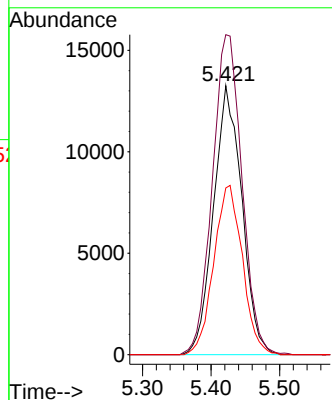
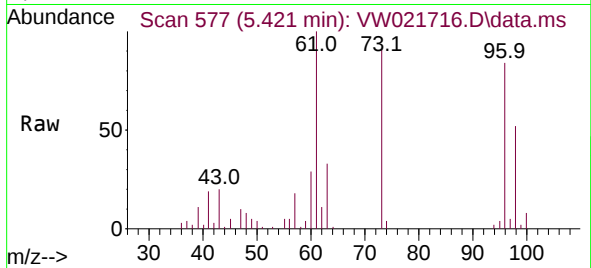




#17
trans-1,2-Dichloroethene
Concen: 24.238 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

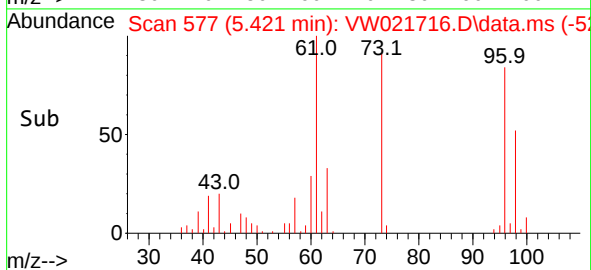
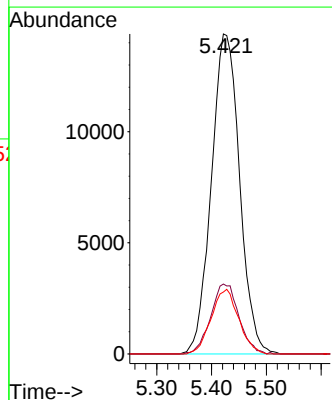
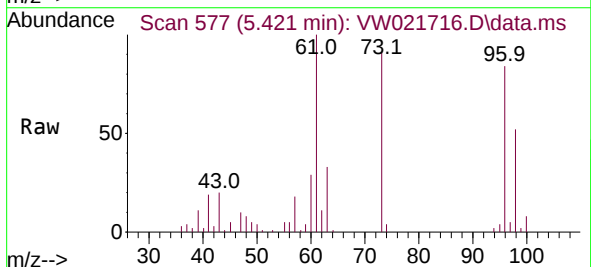
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

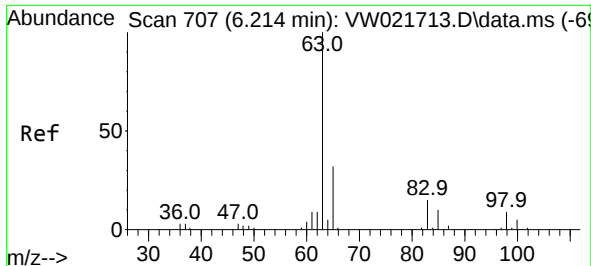
Tgt Ion: 96 Resp: 38012
Ion Ratio Lower Upper
96 100
61 119.0 107.4 199.4
98 62.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.584 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 73 Resp: 51501
Ion Ratio Lower Upper
73 100
43 21.8 19.5 29.3
57 19.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.255 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

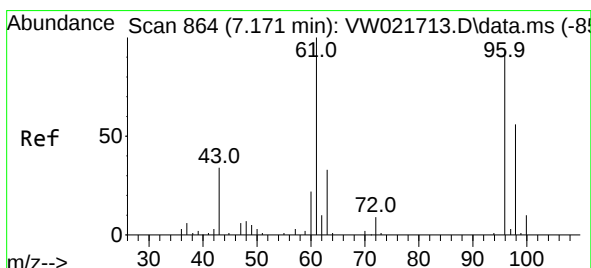
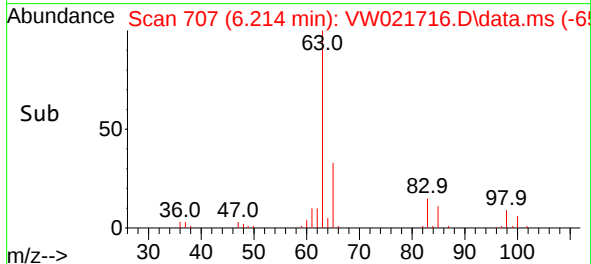
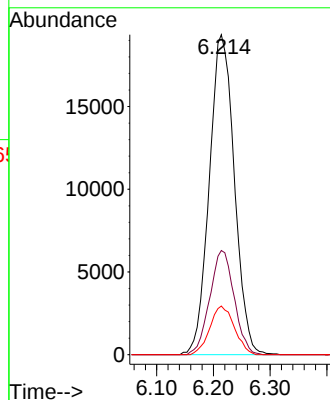
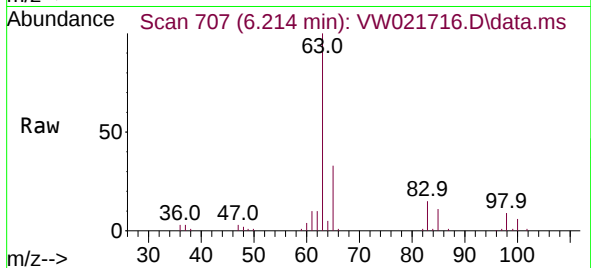
Tgt Ion: 63 Resp: 59344

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.407 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

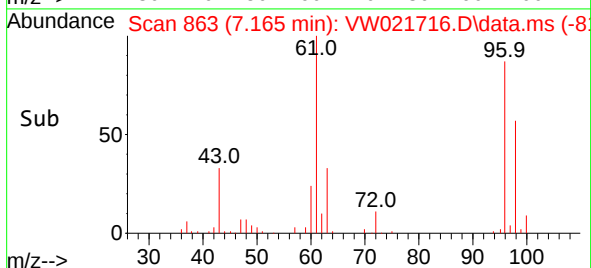
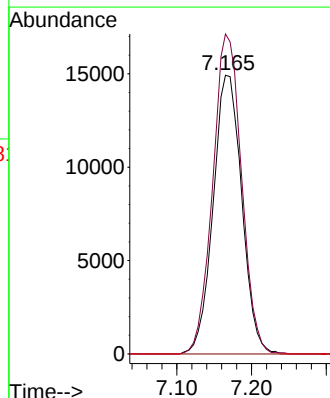
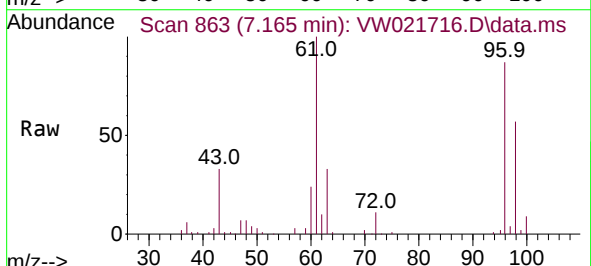
Tgt Ion: 96 Resp: 39732

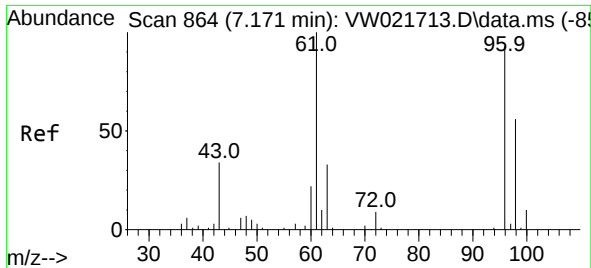
Ion Ratio Lower Upper

96 100

61 114.8 103.7 192.7

68 0.0 0.0 0.0

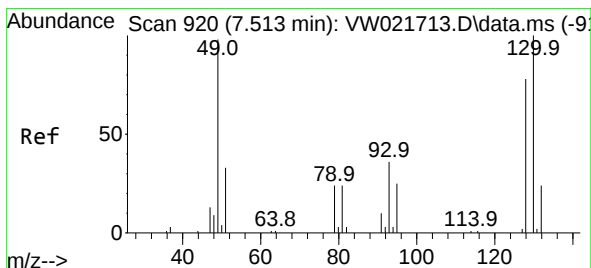
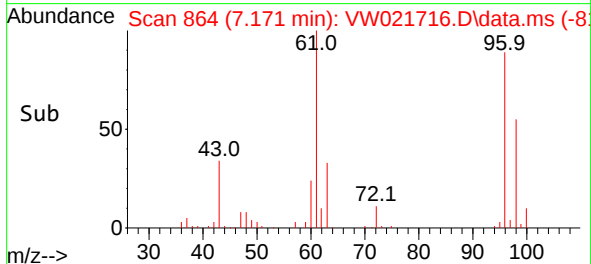
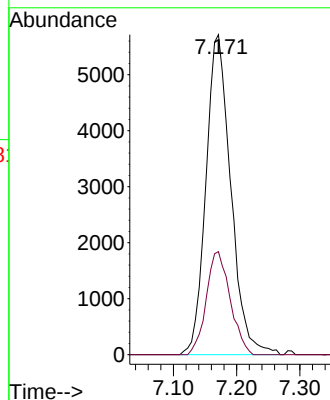
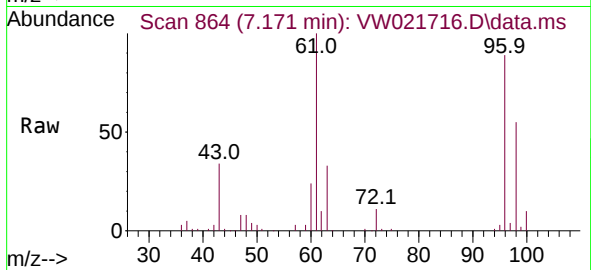




#22
2-Butanone
Concen: 46.814 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

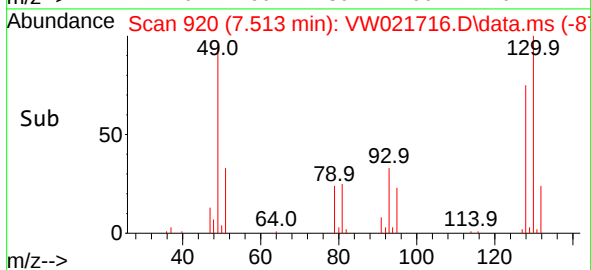
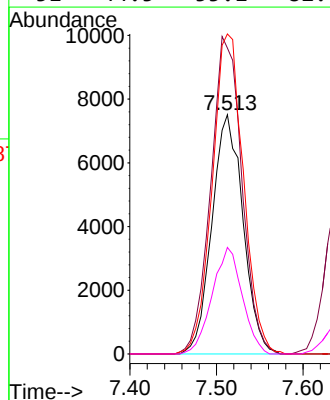
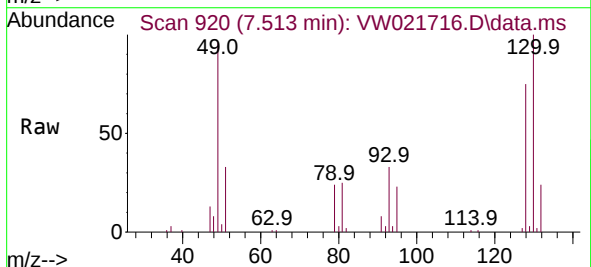
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

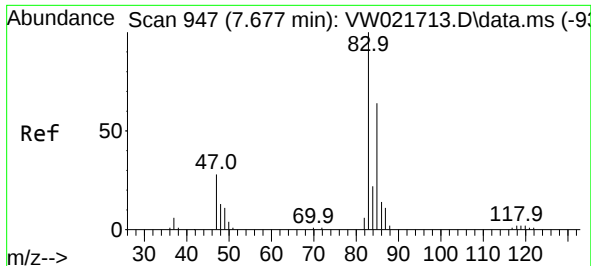
Tgt Ion: 43 Resp: 15631
Ion Ratio Lower Upper
43 100
72 30.9 11.8 35.4



#23
Bromochloromethane
Concen: 23.735 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 128 Resp: 18677
Ion Ratio Lower Upper
128 100
49 127.9 150.3 279.1#
130 133.8 88.3 163.9
51 44.5 55.1 82.7#

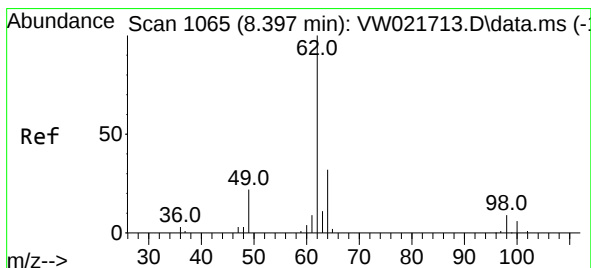
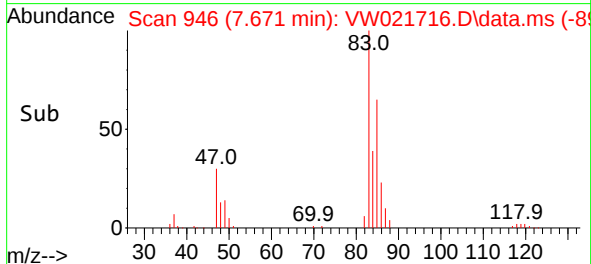
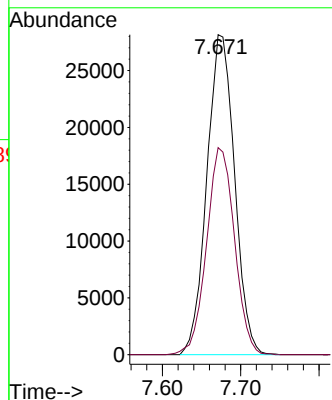
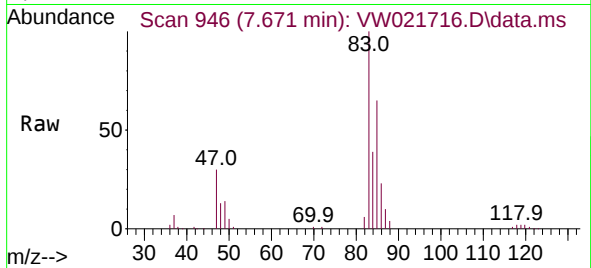




#25
Chloroform
Concen: 24.559 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

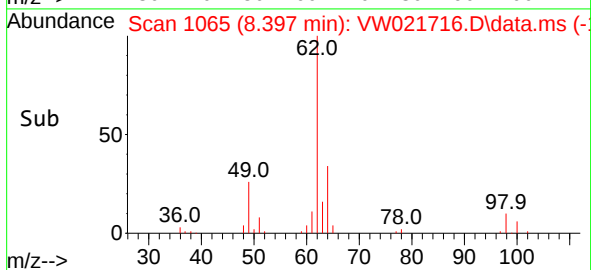
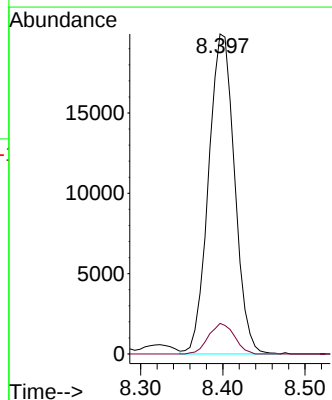
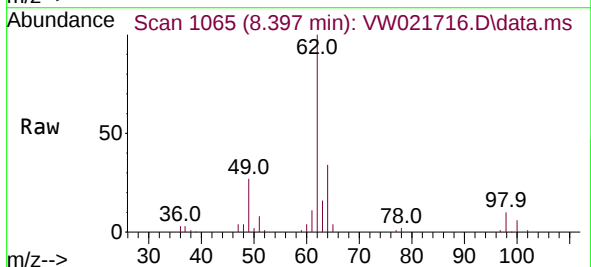
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

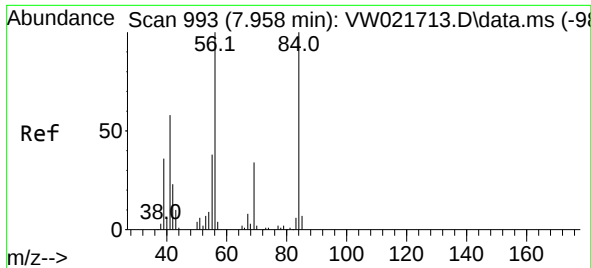
Tgt Ion: 83 Resp: 69314
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.957 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 62 Resp: 43857
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7

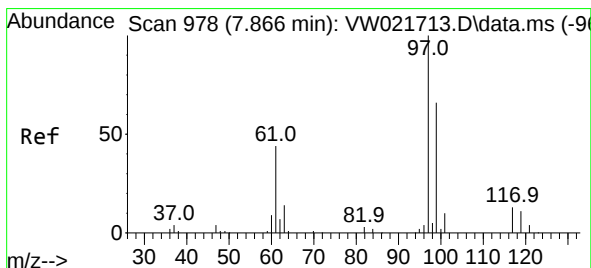
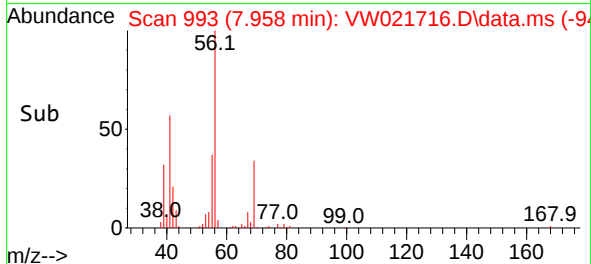
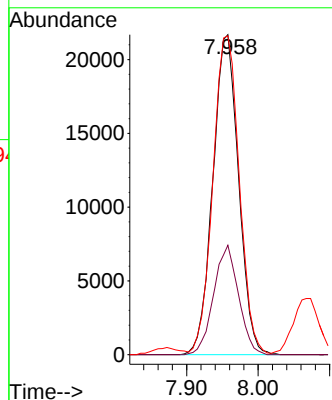
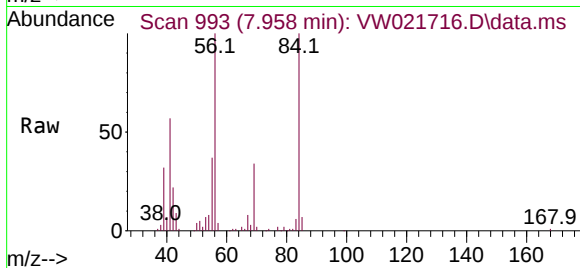




#29
Cyclohexane
Concen: 22.960 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

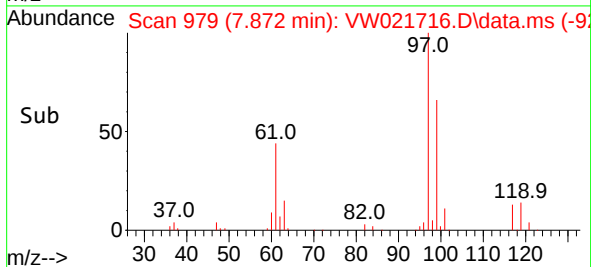
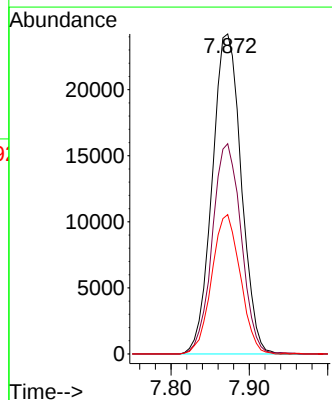
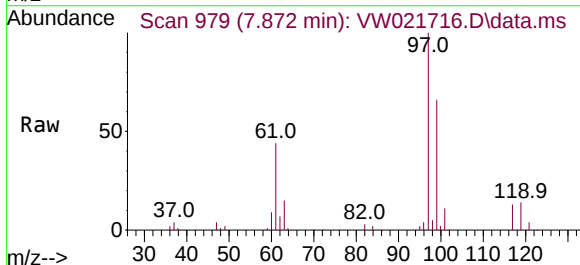
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

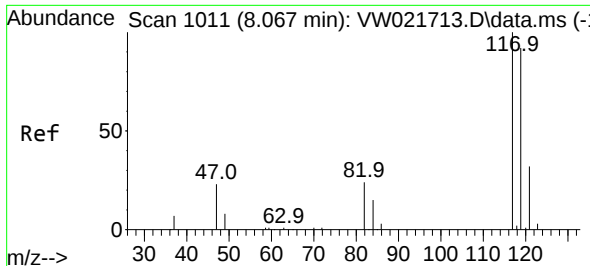
Tgt Ion: 56 Resp: 54142
Ion Ratio Lower Upper
56 100
69 33.1 23.5 35.3
84 102.3 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 23.173 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 97 Resp: 62344
Ion Ratio Lower Upper
97 100
99 65.3 51.6 77.4
61 42.9 40.9 61.3

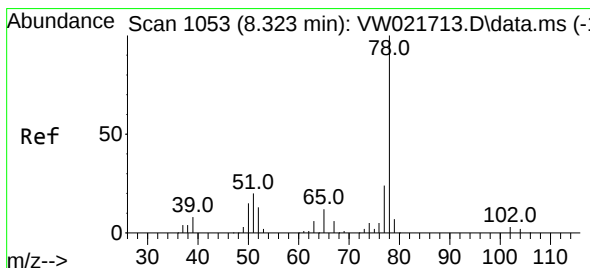
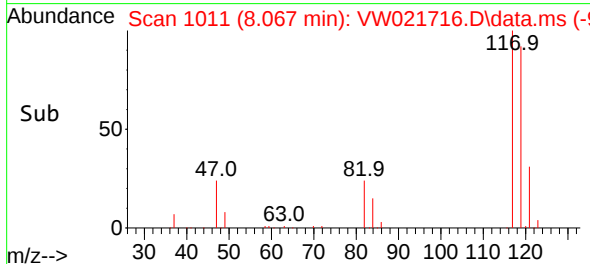
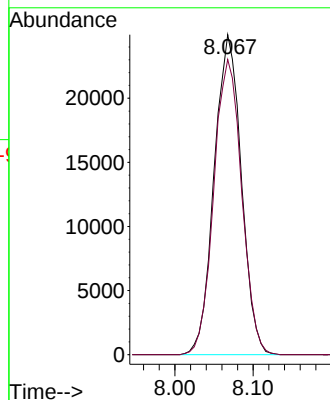
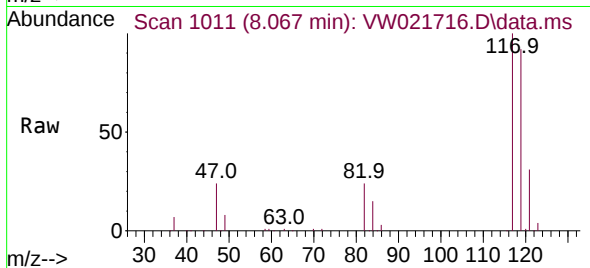




#31
Carbon tetrachloride
Concen: 22.973 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

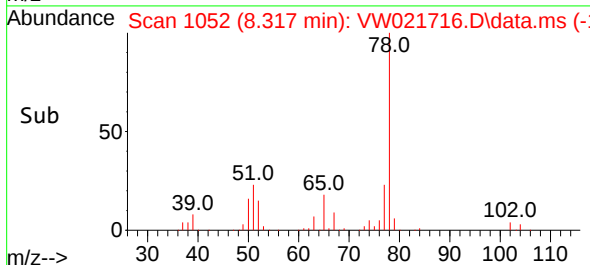
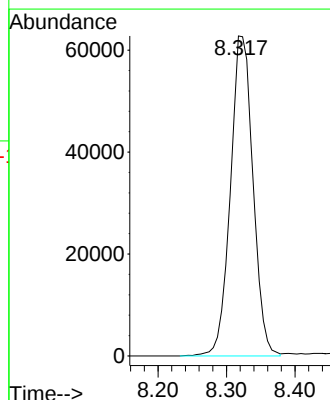
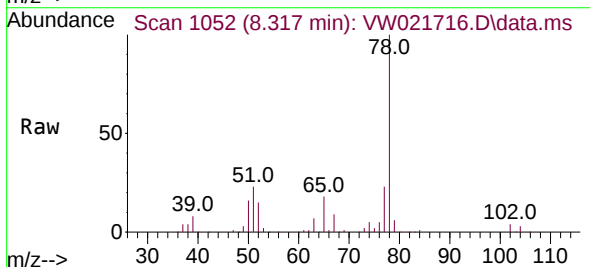
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

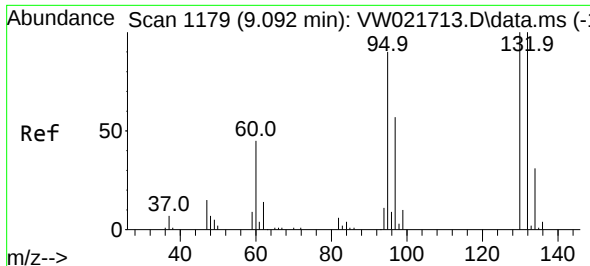
Tgt Ion:117 Resp: 60104
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5



#33
Benzene
Concen: 23.140 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 78 Resp: 143968



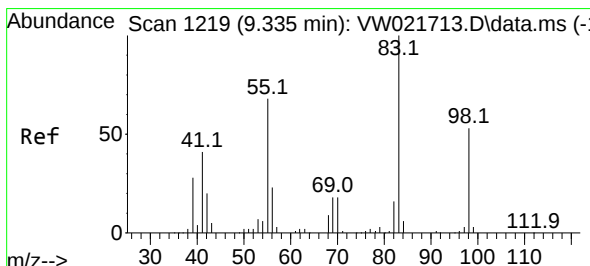
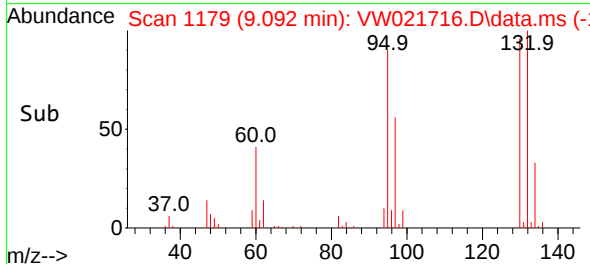
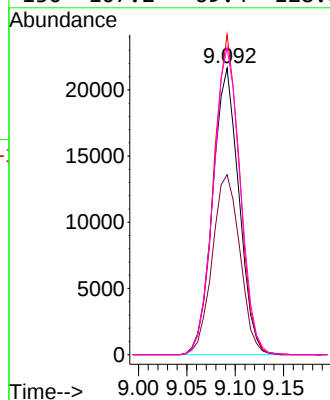
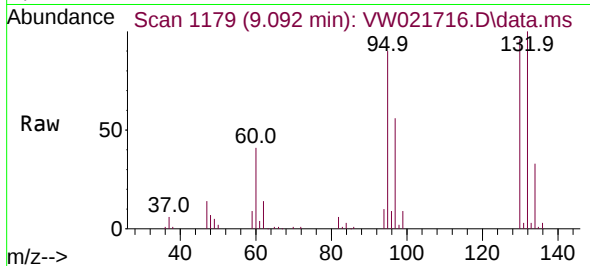


#34
Trichloroethene
Concen: 23.216 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Tgt Ion: 95 Resp: 41004

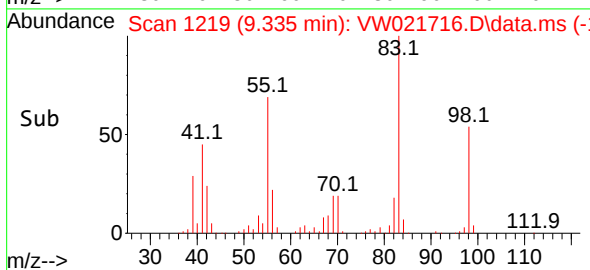
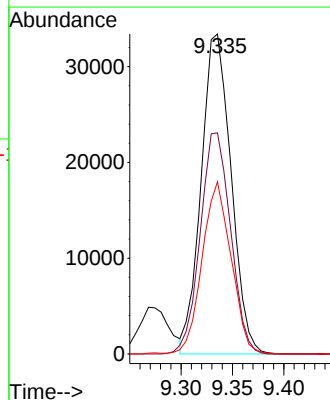
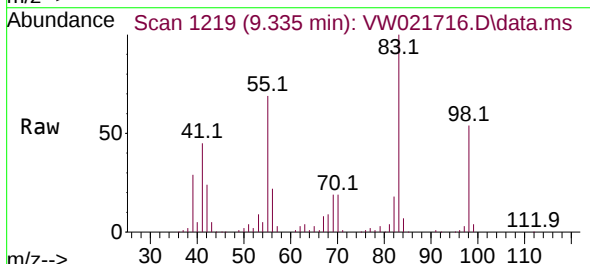
Ion	Ratio	Lower	Upper
95	100		
97	62.8	47.0	87.2
132	111.7	65.5	121.6
130	107.2	69.4	128.8

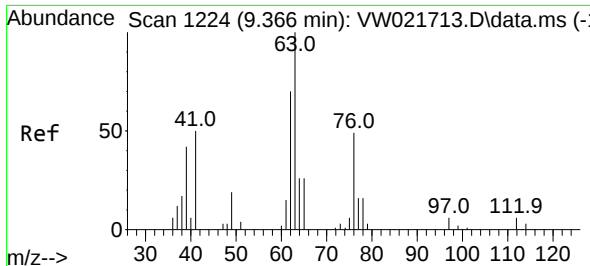


#35
Methylcyclohexane
Concen: 23.266 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 83 Resp: 67798

Ion	Ratio	Lower	Upper
83	100		
55	70.2	70.8	106.2
98	52.0	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.396 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

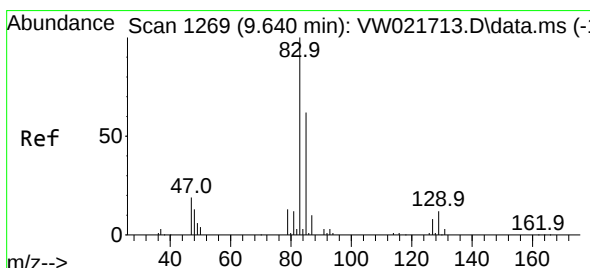
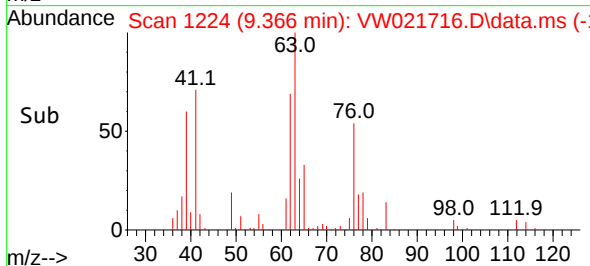
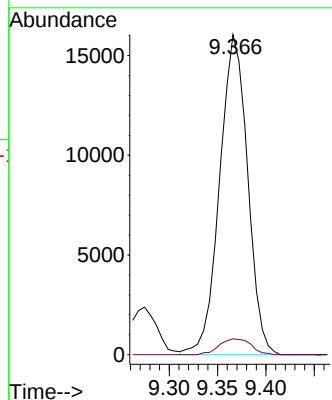
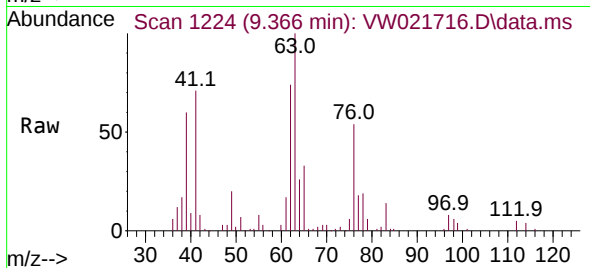
VSTD025540

Tgt Ion: 63 Resp: 32260

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.741 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

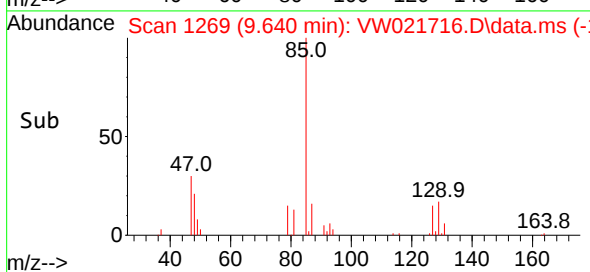
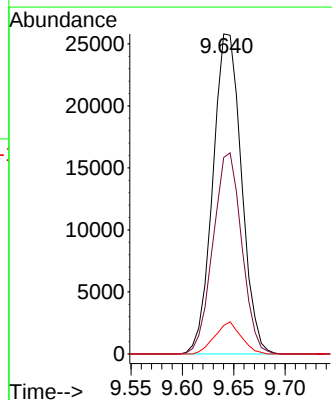
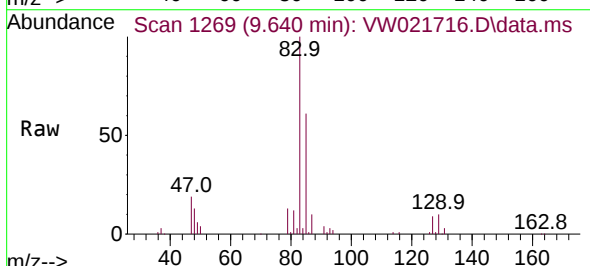
Tgt Ion: 83 Resp: 49964

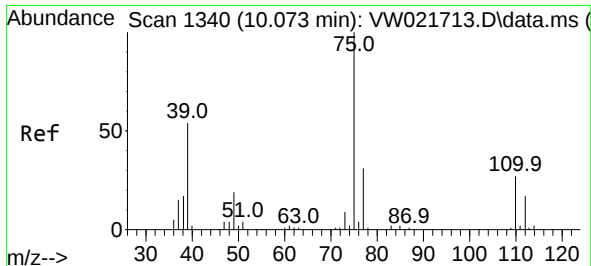
Ion Ratio Lower Upper

83 100

85 61.4 44.1 81.9

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.962 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

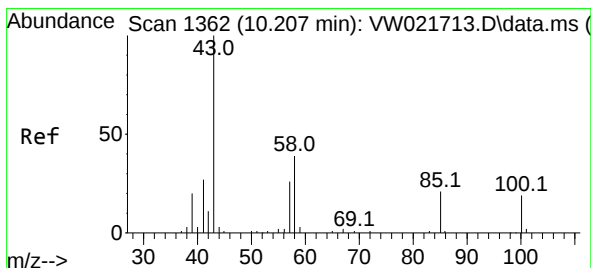
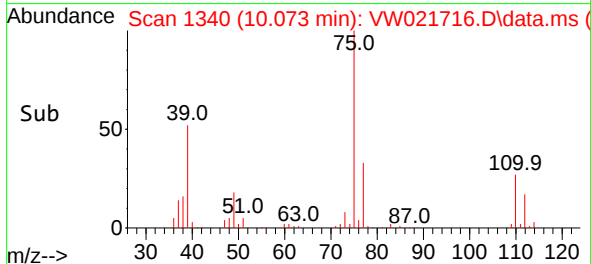
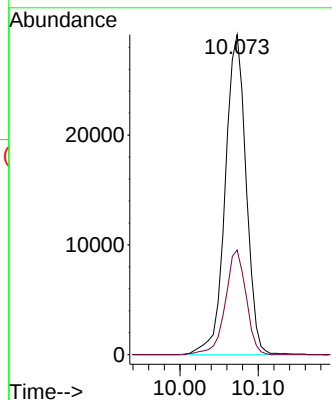
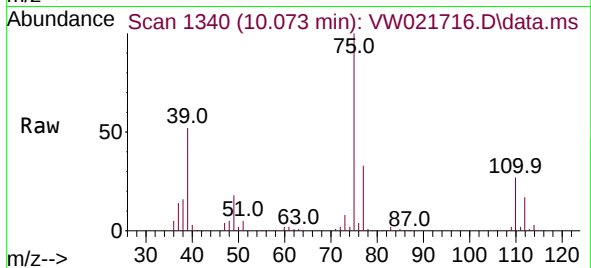
VSTD025540

Tgt Ion: 75 Resp: 53982

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.046 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

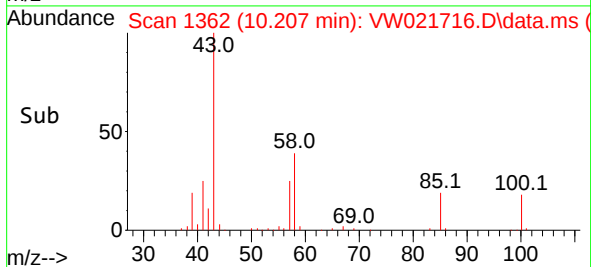
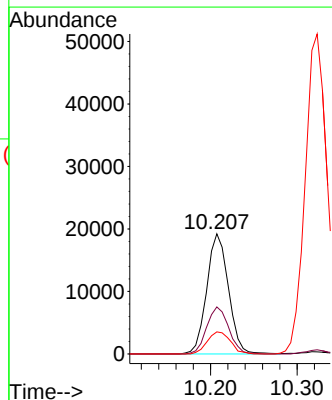
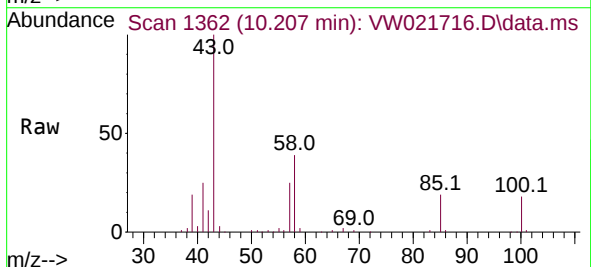
Tgt Ion: 43 Resp: 33456

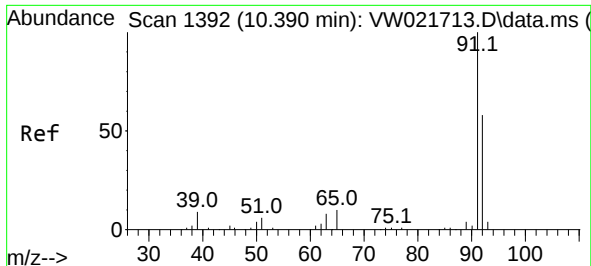
Ion Ratio Lower Upper

43 100

58 39.6 28.8 43.2

100 19.5 10.0 15.0#

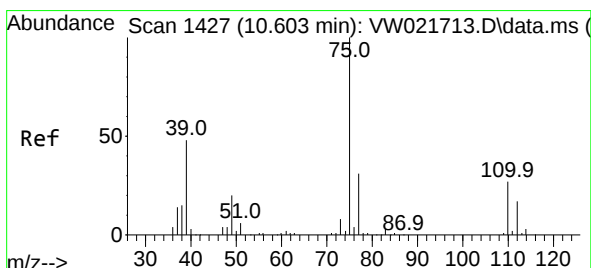
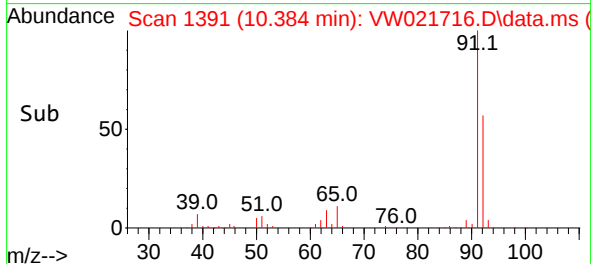
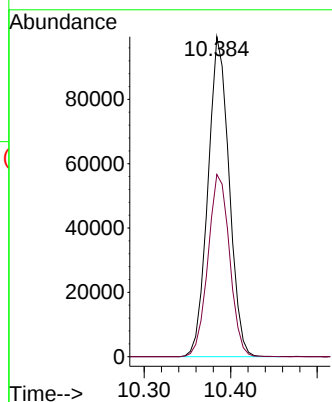
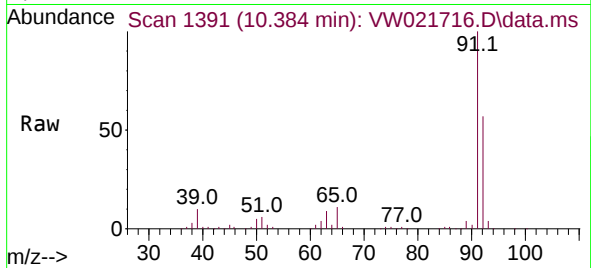




#42
Toluene
Concen: 23.476 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

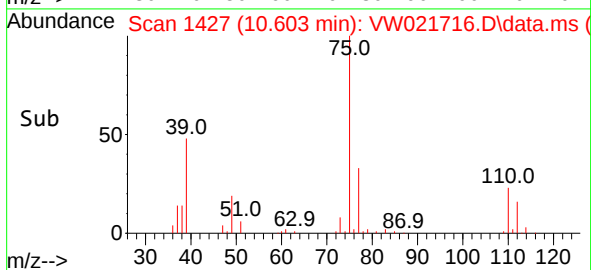
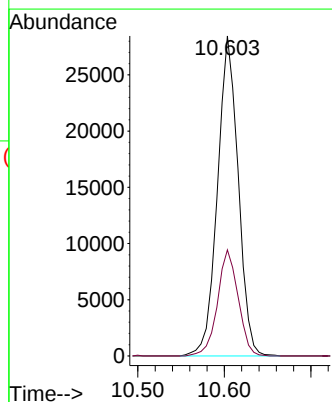
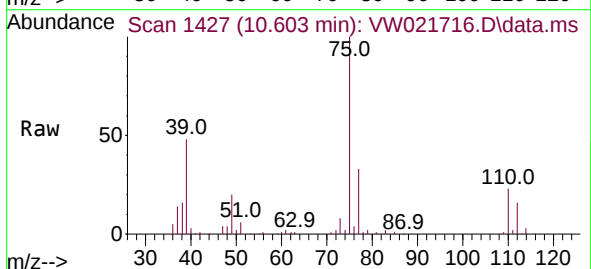
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

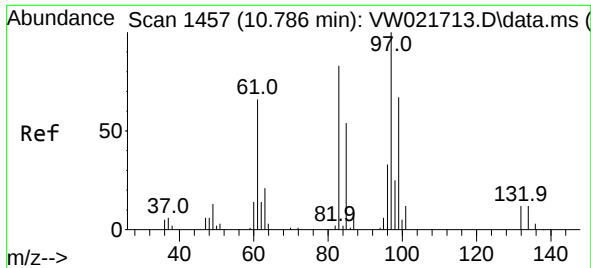
Tgt Ion: 91 Resp: 168606
Ion Ratio Lower Upper
91 100
92 57.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.373 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion: 75 Resp: 47310
Ion Ratio Lower Upper
75 100
77 33.2 22.2 41.2

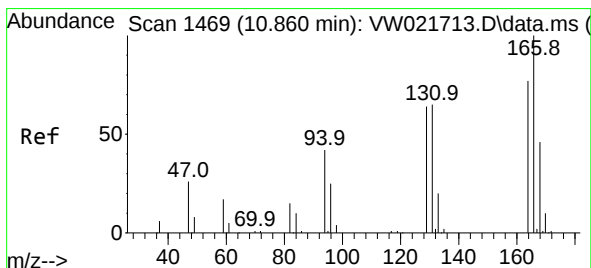
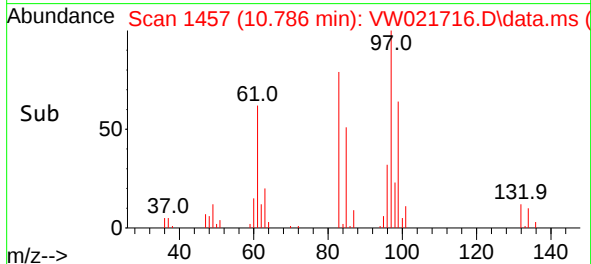
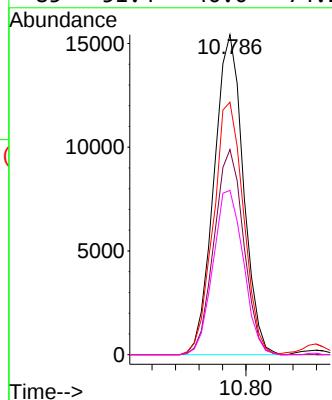
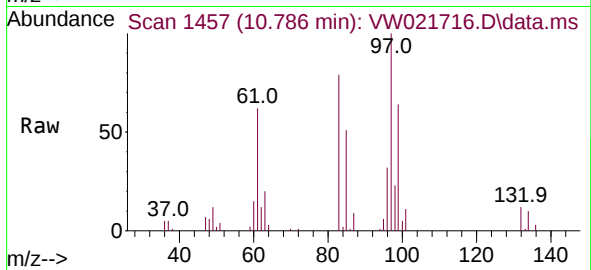




#45
1,1,2-Trichloroethane
Concen: 23.390 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

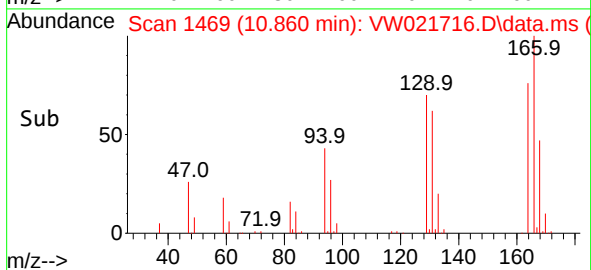
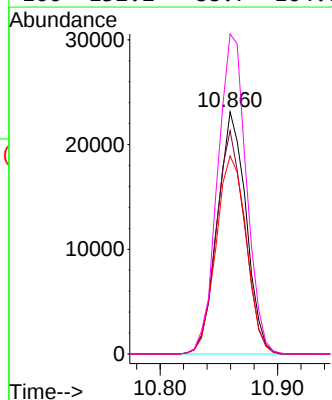
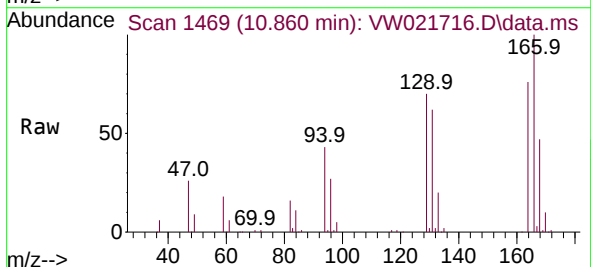
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

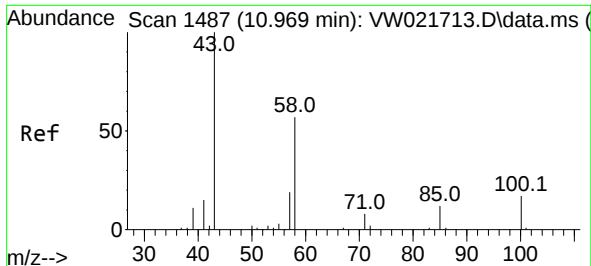
Tgt Ion:	97	Resp:	26788
Ion	Ratio	Lower	Upper
97	100		
99	64.1	43.0	79.8
83	78.9	62.6	116.3
85	51.4	40.0	74.2



#46
Tetrachloroethene
Concen: 23.713 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion:	164	Resp:	39221
Ion	Ratio	Lower	Upper
164	100		
129	92.2	65.5	121.7
131	81.8	59.7	110.9
166	132.2	88.7	164.7

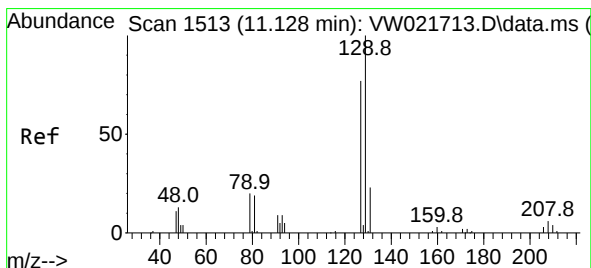
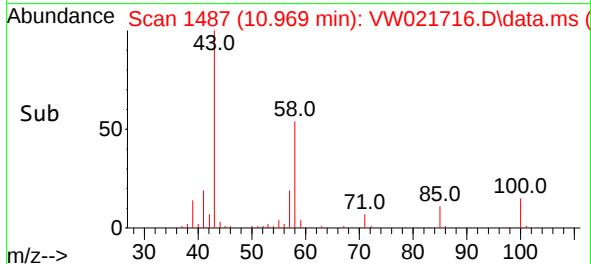
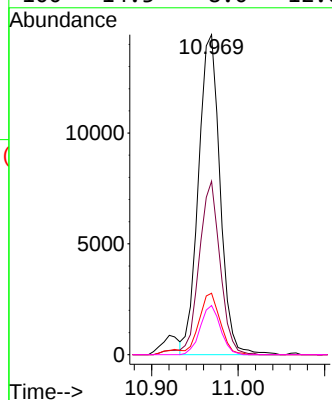
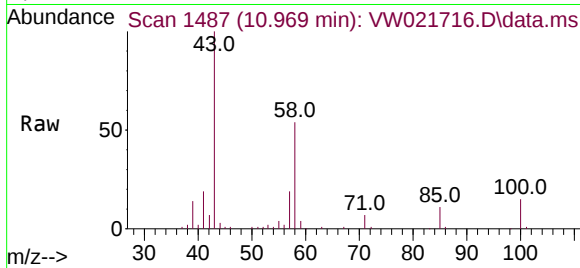




#48
2-Hexanone
Concen: 48.568 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

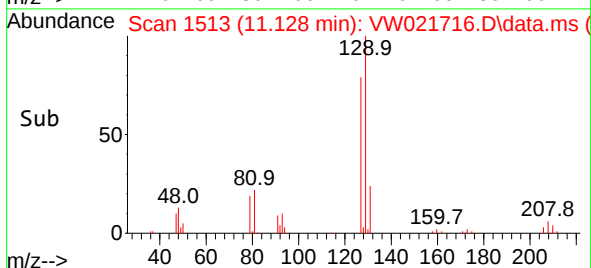
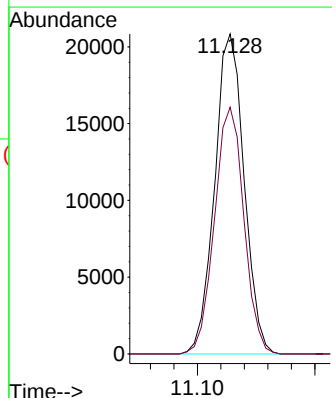
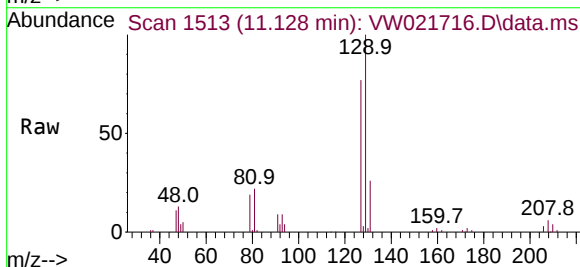
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

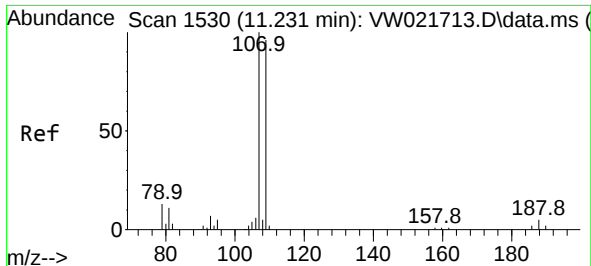
Tgt Ion:	43	Resp:	25053
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.2	60.2
57	18.6	14.3	21.5
100	14.3	8.0	12.0



#49
Dibromochloromethane
Concen: 23.572 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion:	129	Resp:	36271
Ion	Ratio	Lower	Upper
129	100		
127	77.1	55.7	103.5





#50

1,2-Dibromoethane

Concen: 23.415 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

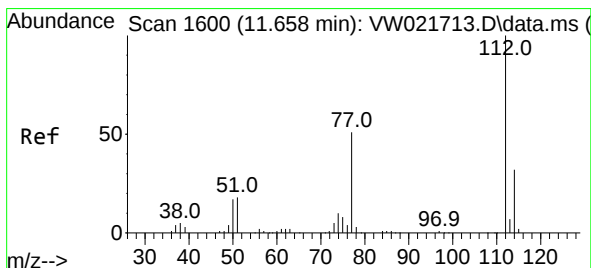
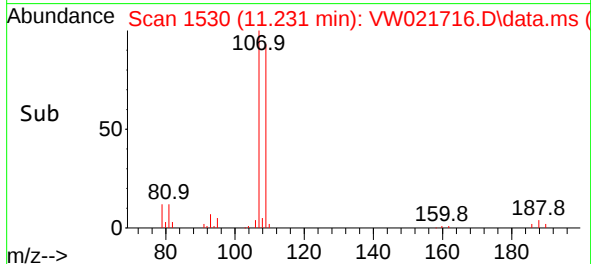
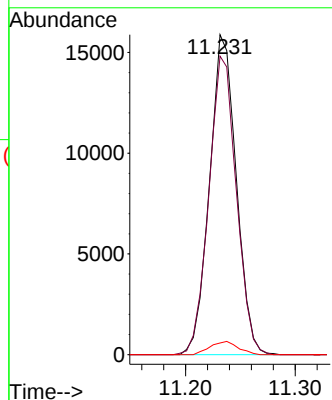
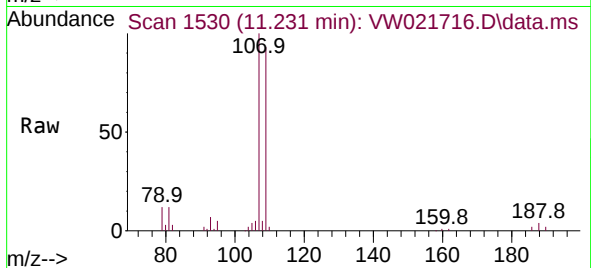
Tgt Ion:107 Resp: 26933

Ion Ratio Lower Upper

107 100

109 93.3 64.1 119.1

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 23.884 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

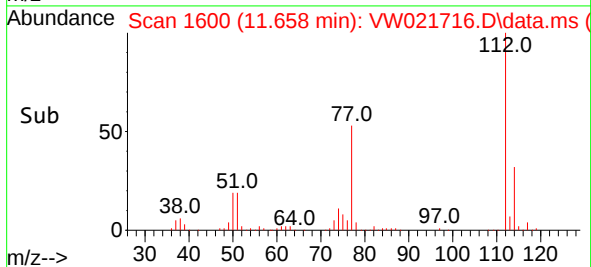
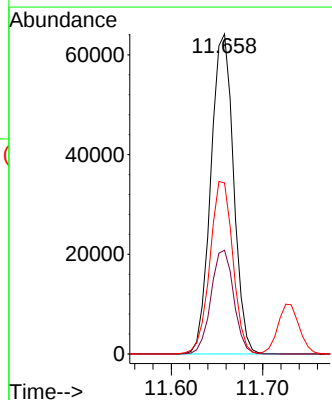
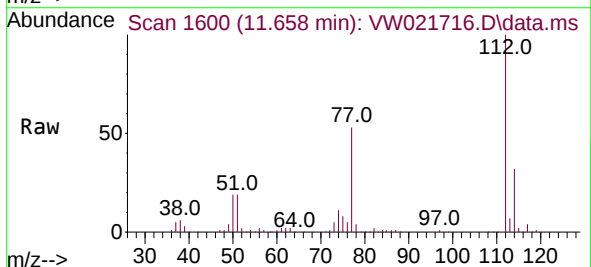
Tgt Ion:112 Resp: 110677

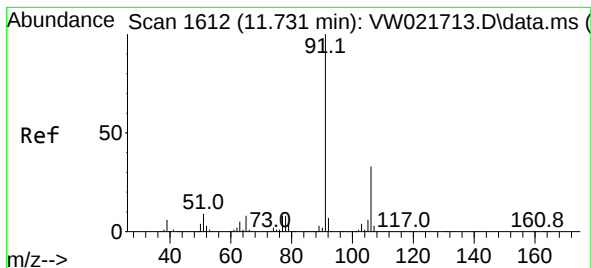
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 53.4 50.2 75.4

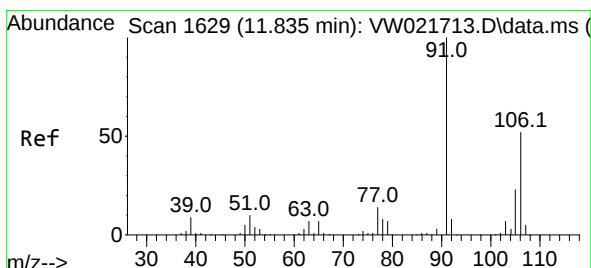
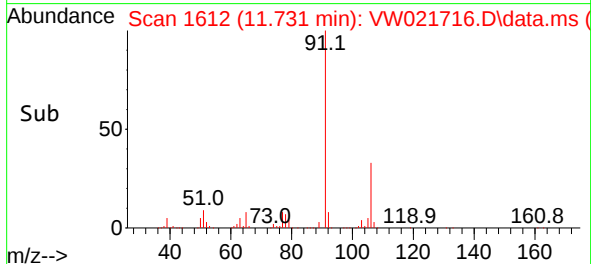
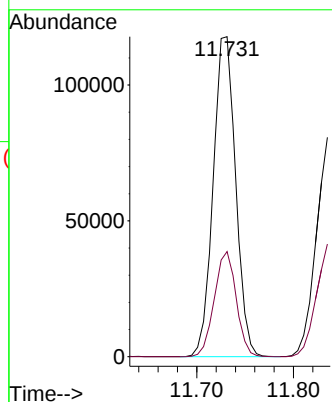
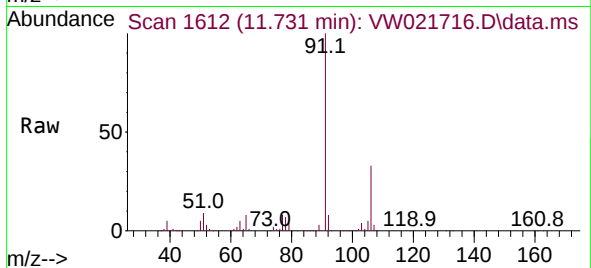




#52
Ethylbenzene
Concen: 23.605 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

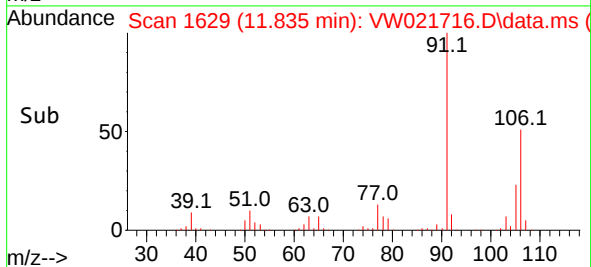
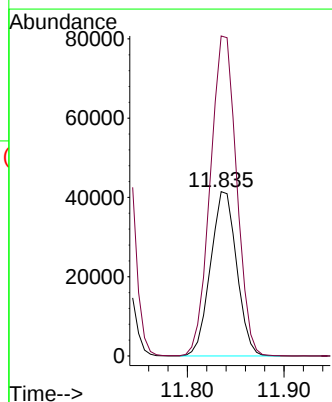
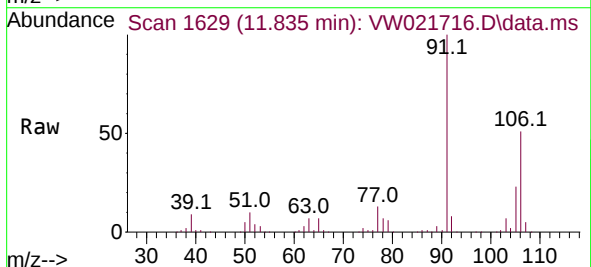
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

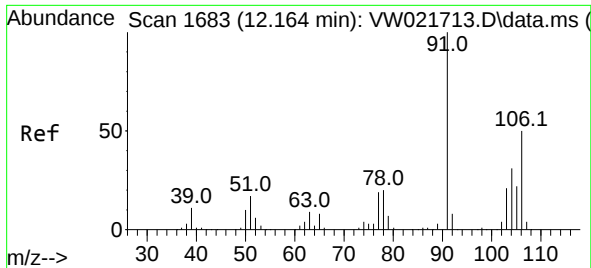
Tgt Ion: 91 Resp: 190301
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.103 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion:106 Resp: 77862
Ion Ratio Lower Upper
106 100
91 194.8 149.9 278.3

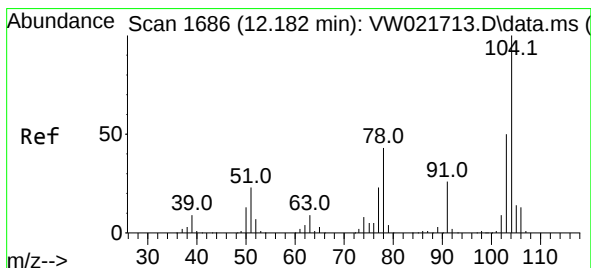
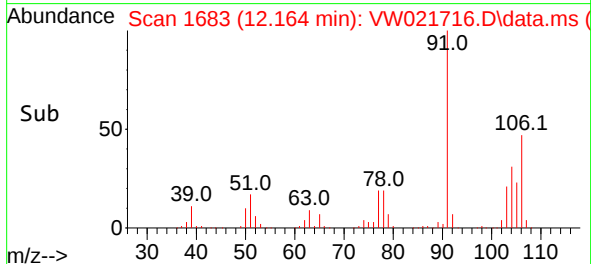
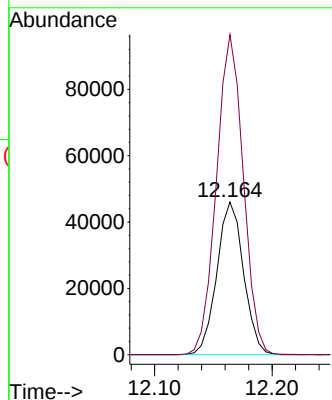
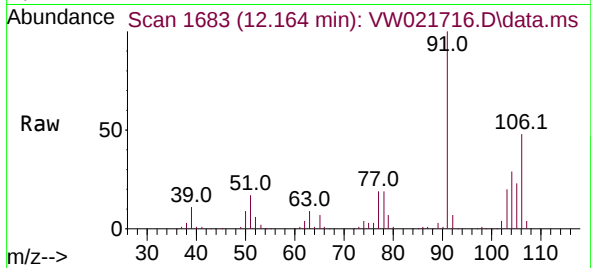




#54
o-Xylene
Concen: 23.738 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

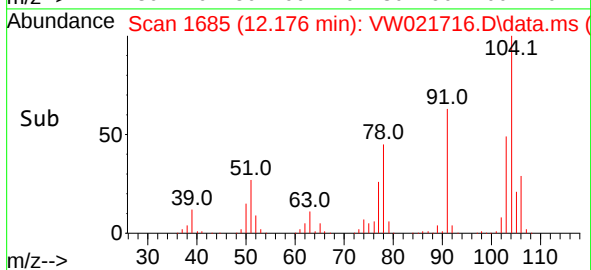
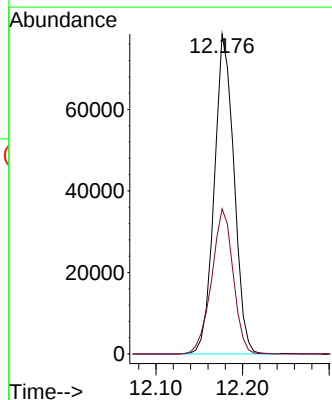
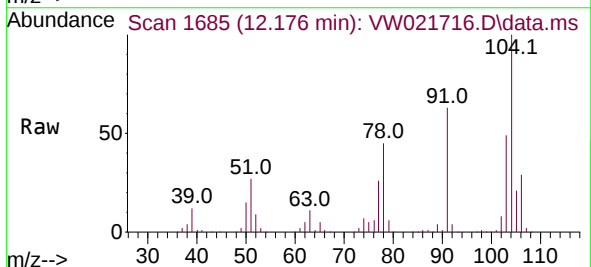
Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

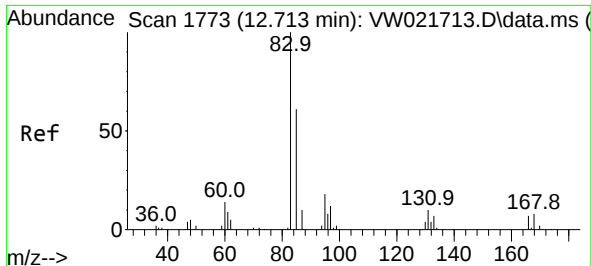
Tgt Ion:106 Resp: 72677
Ion Ratio Lower Upper
106 100
91 209.6 153.6 285.3



#55
Styrene
Concen: 23.622 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021716.D
Acq: 03 Jan 2022 13:04

Tgt Ion:104 Resp: 124206
Ion Ratio Lower Upper
104 100
78 45.4 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 24.139 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

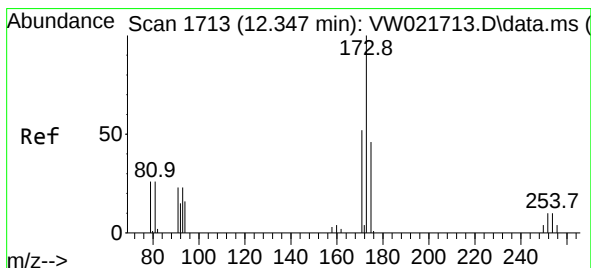
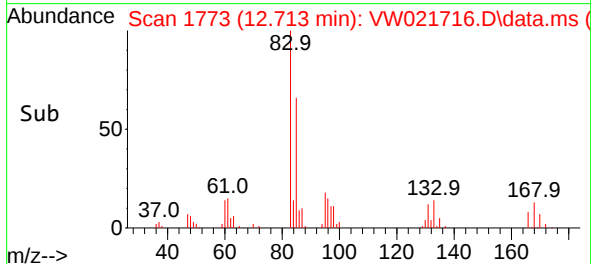
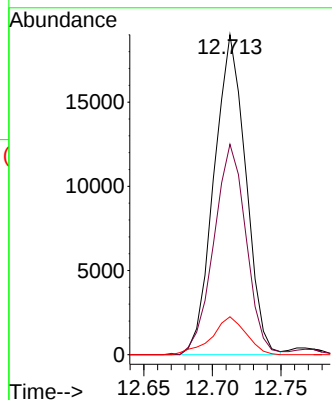
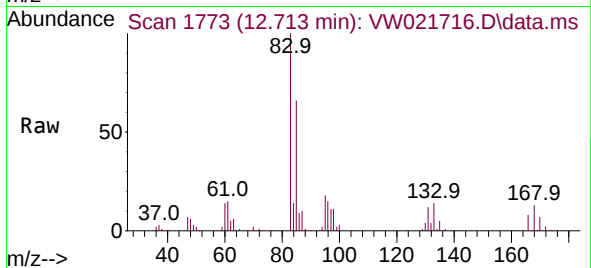
Tgt Ion: 83 Resp: 30581

Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.6

131 11.8 6.9 10.3#



#59

Bromoform

Concen: 23.594 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

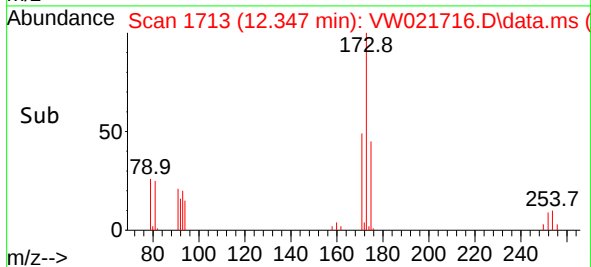
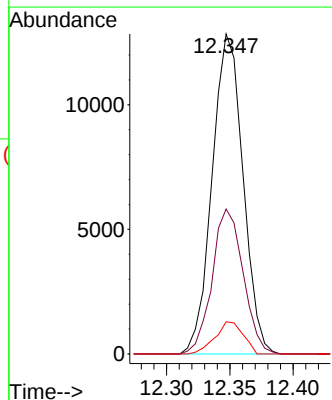
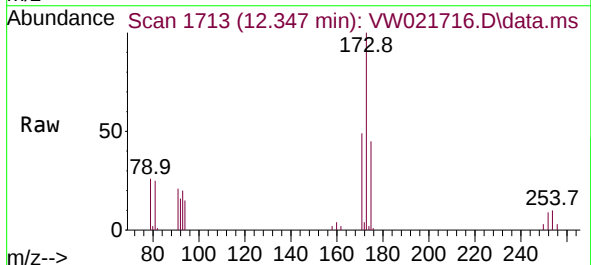
Tgt Ion:173 Resp: 21762

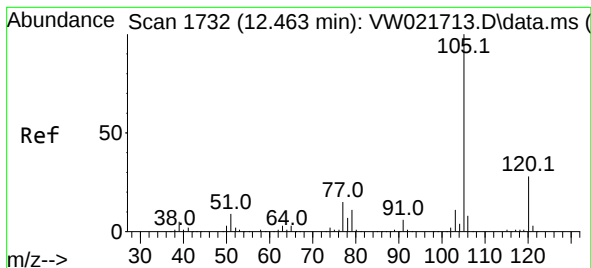
Ion Ratio Lower Upper

173 100

175 45.5 39.6 59.4

254 9.2 7.4 11.0





#60

Isopropylbenzene

Concen: 23.364 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

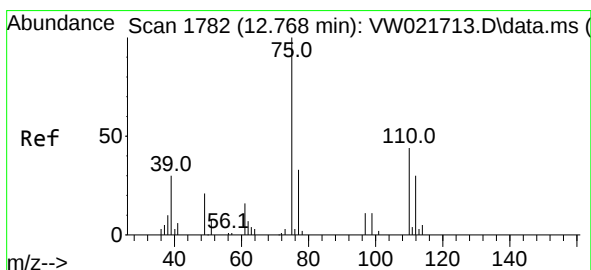
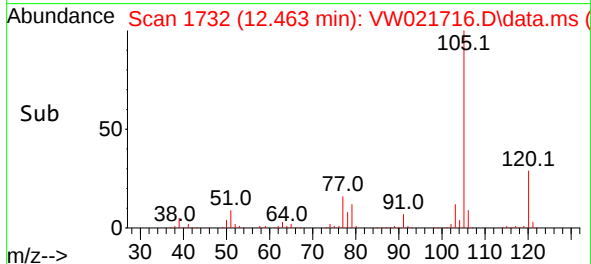
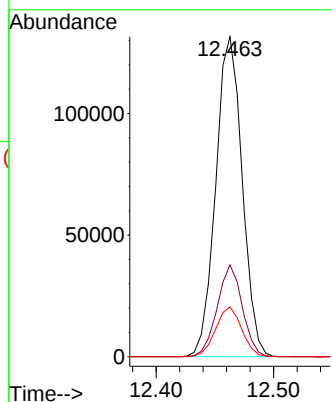
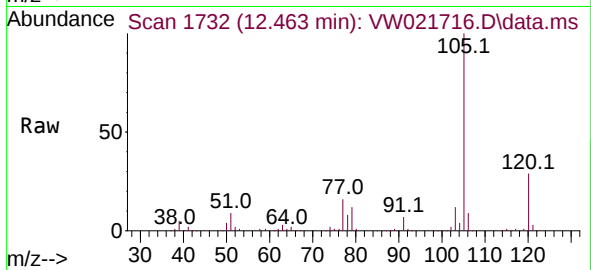
Tgt Ion:105 Resp: 205834

Ion Ratio Lower Upper

105 100

120 27.2 20.1 30.1

77 15.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 22.464 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

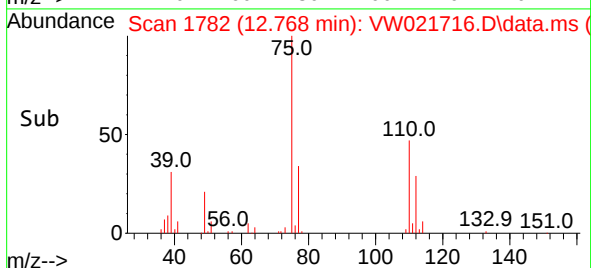
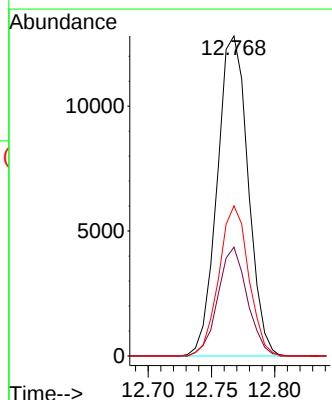
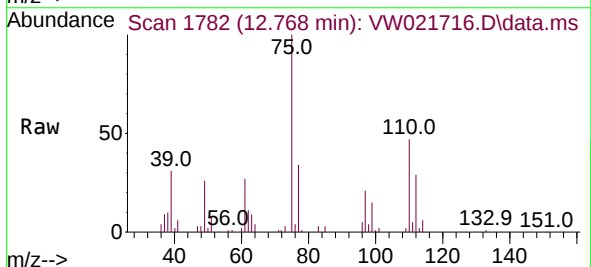
Tgt Ion: 75 Resp: 21724

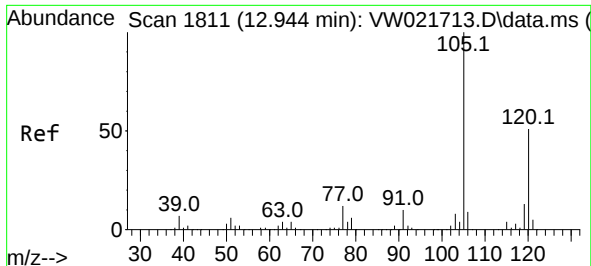
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 45.2 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.189 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

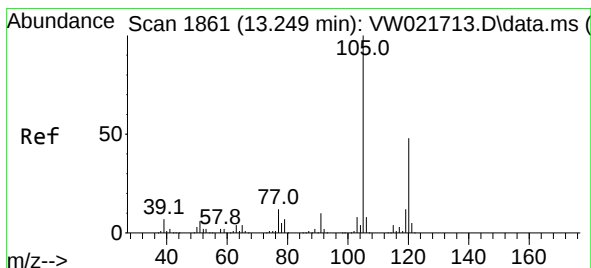
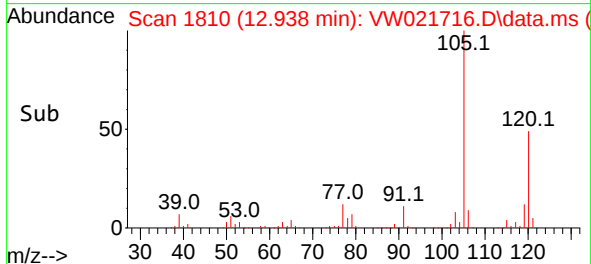
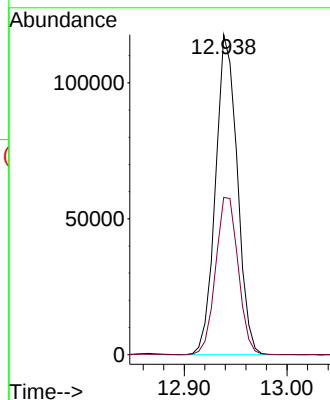
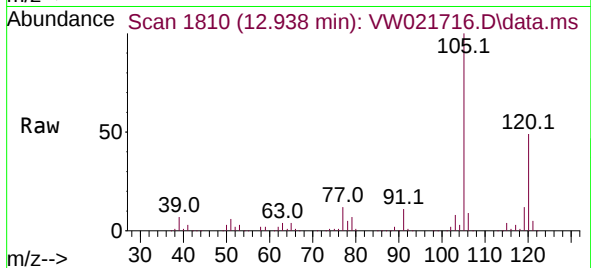
VSTD025540

Tgt Ion:105 Resp: 172716

Ion Ratio Lower Upper

105 100

120 51.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.008 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021716.D

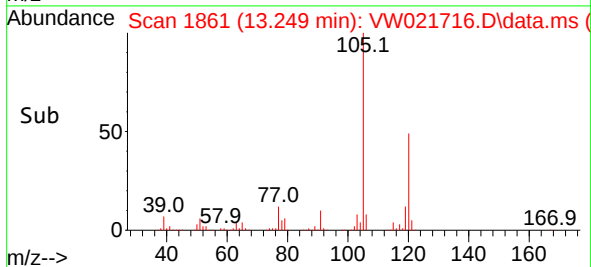
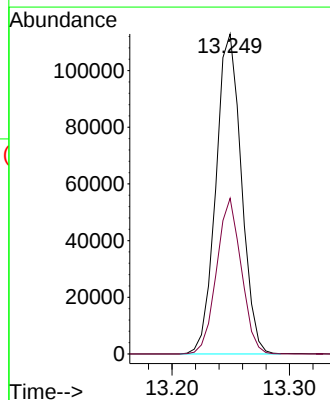
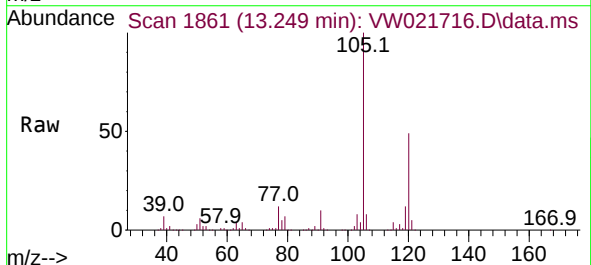
Acq: 03 Jan 2022 13:04

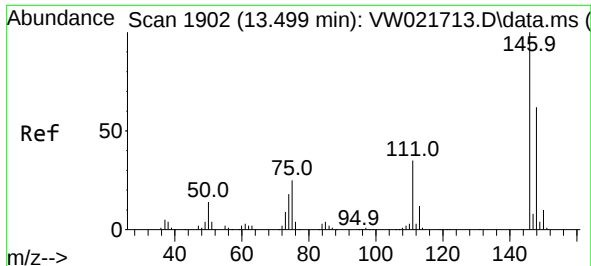
Tgt Ion:105 Resp: 170218

Ion Ratio Lower Upper

105 100

120 47.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.493 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

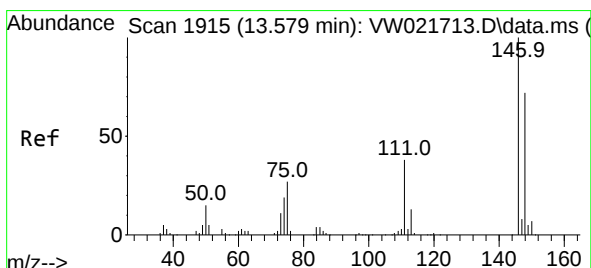
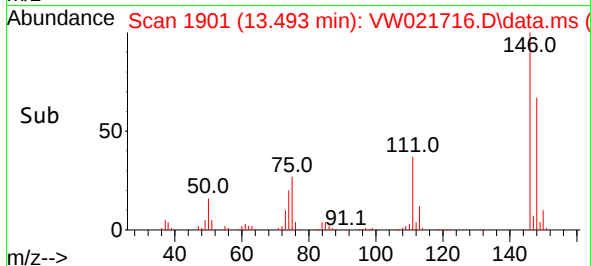
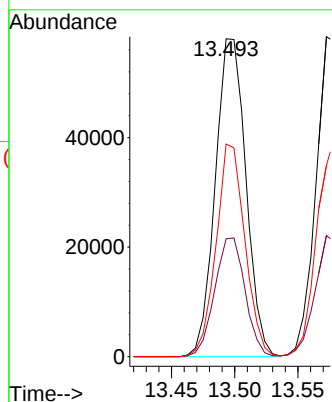
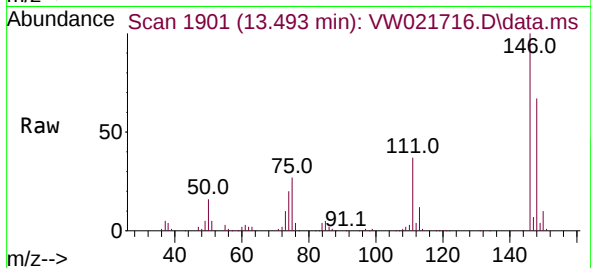
Tgt Ion:146 Resp: 97720

Ion Ratio Lower Upper

146 100

111 37.1 29.8 55.3

148 66.9 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 23.206 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

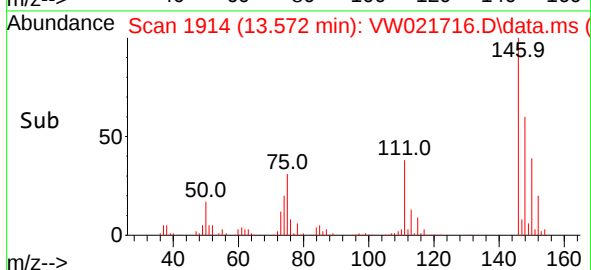
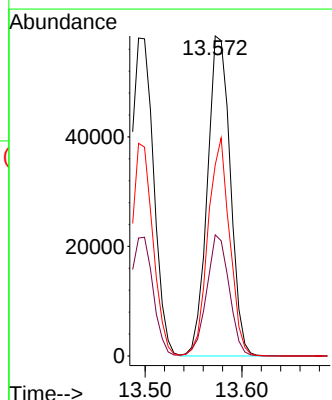
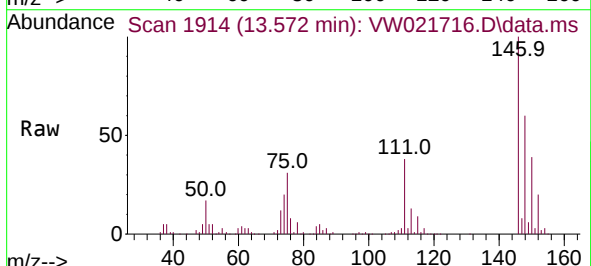
Tgt Ion:146 Resp: 96248

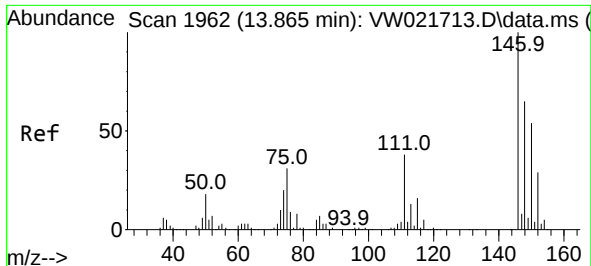
Ion Ratio Lower Upper

146 100

111 37.8 29.0 53.9

148 59.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.851 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

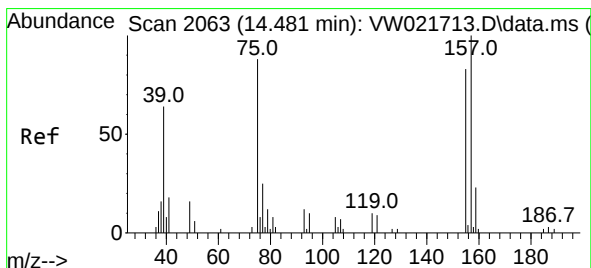
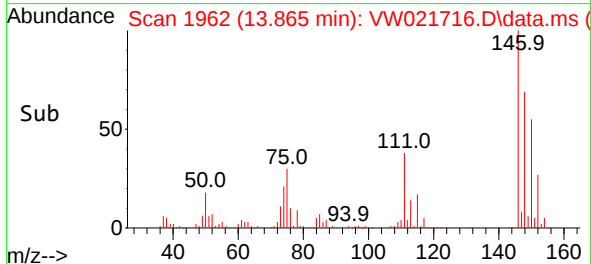
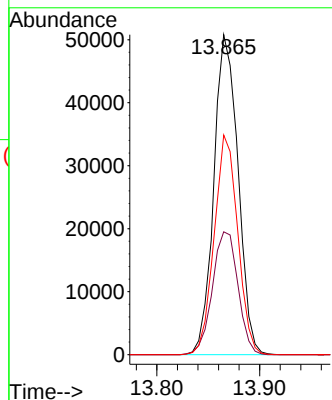
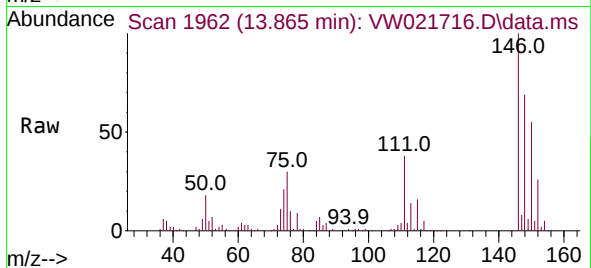
Tgt Ion:146 Resp: 82983

Ion Ratio Lower Upper

146 100

111 38.4 33.1 49.7

148 68.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.043 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

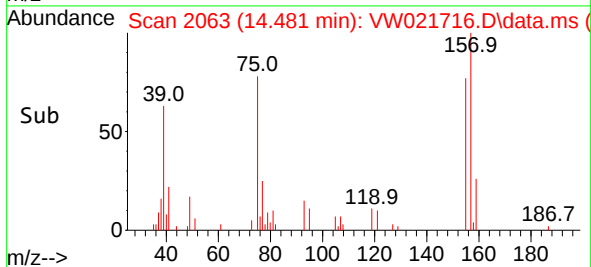
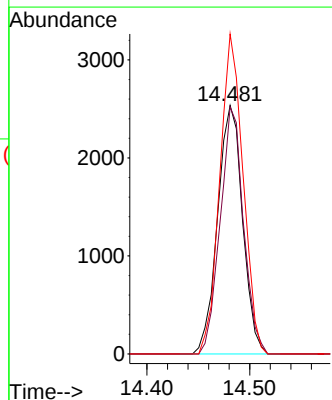
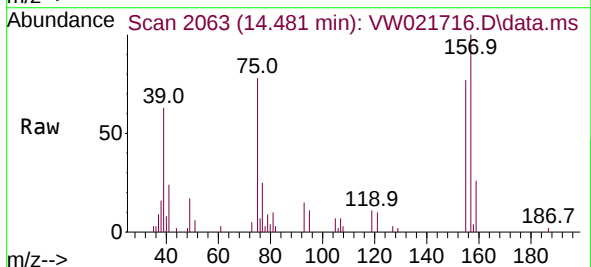
Tgt Ion: 75 Resp: 4268

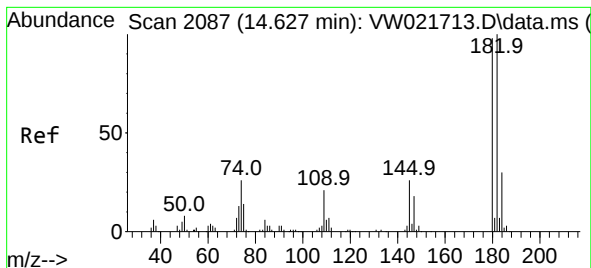
Ion Ratio Lower Upper

75 100

155 99.4 54.2 81.2#

157 128.7 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.670 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

Tgt Ion:180 Resp: 72325

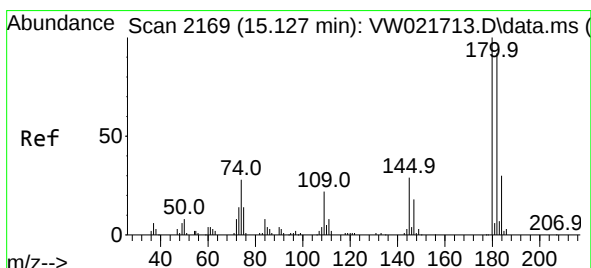
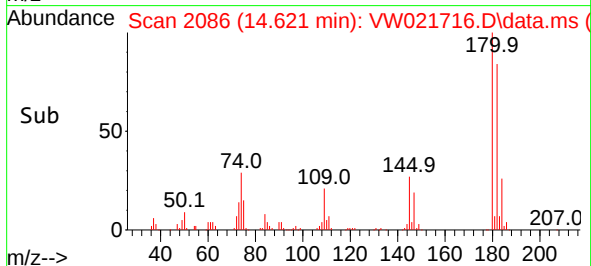
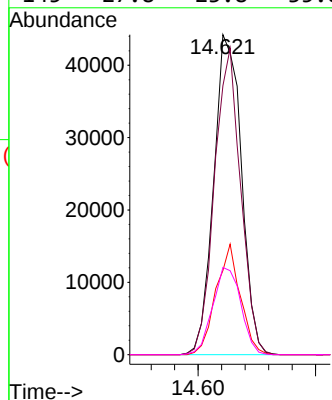
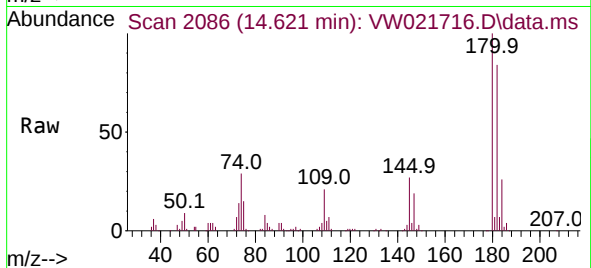
Ion Ratio Lower Upper

180 100

182 90.5 75.4 113.0

184 30.4 23.8 35.8

145 27.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.023 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

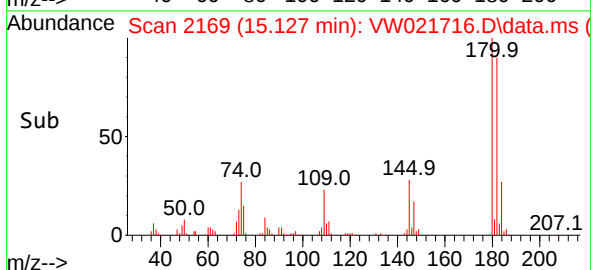
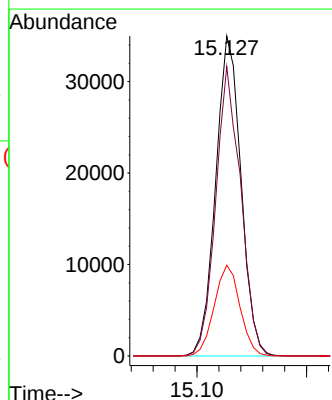
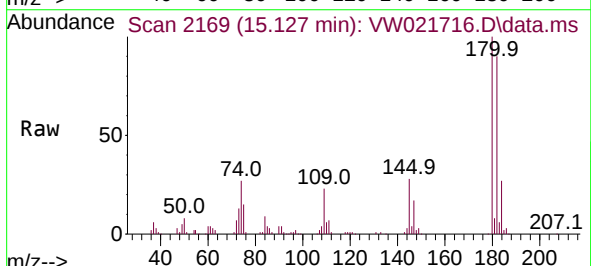
Tgt Ion:180 Resp: 56153

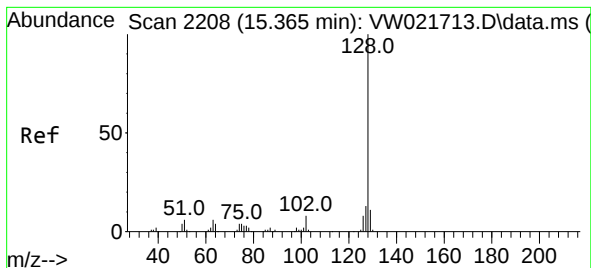
Ion Ratio Lower Upper

180 100

182 89.3 79.0 118.6

145 28.8 26.0 39.0





#71

Naphthalene

Concen: 21.965 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025540

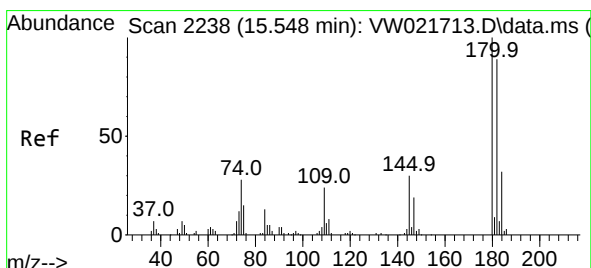
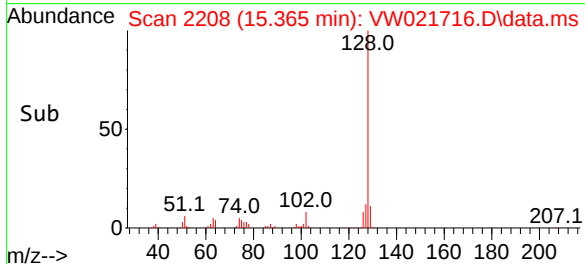
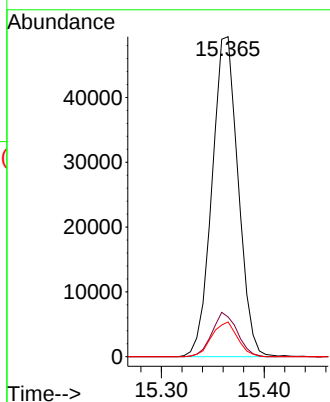
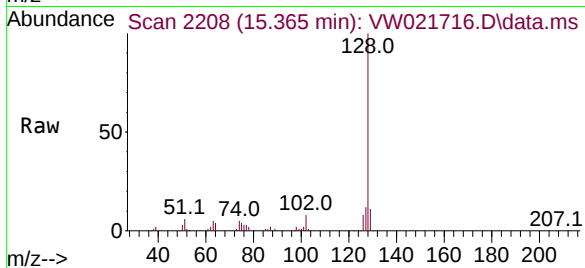
Tgt Ion:128 Resp: 87163

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.152 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021716.D

Acq: 03 Jan 2022 13:04

Tgt Ion:180 Resp: 47533

Ion Ratio Lower Upper

180 100

182 86.5 76.6 114.8

145 28.9 27.4 41.0

