

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022474.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Apr 08 23:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	420170	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	412011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	228458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182176	19.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.440%
7) Chloroethane-d5	2.892	69	124590	21.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	4.025	63	272541	22.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.080	46	86718	53.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.940%
24) Chloroform-d	7.653	84	329180	25.065	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.311	65	178149	23.741	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	8.275	84	604790	24.026	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.274	67	177729	24.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.600%
41) Toluene-d8	10.323	98	591344	23.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.579	79	81997	23.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.921	63	73763	54.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	166106	26.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	219442	27.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.099	85	2956	1.435	ug/L	91
3) Chloromethane	2.221	50	110383	21.495	ug/L	99
5) Vinyl chloride	2.367	62	220816	20.607	ug/L	98
6) Bromomethane	2.782	94	133737	20.531	ug/L	96
8) Chloroethane	2.928	64	105564	22.503	ug/L	97
9) Trichlorofluoromethane	3.263	101	101282	25.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	160676	25.507	ug/L	95
12) 1,1-Dichloroethene	4.044	96	147246	26.027	ug/L	91
13) Acetone	4.129	43	53729	48.661	ug/L	100
14) Carbon disulfide	4.391	76	430342	23.123	ug/L	100
15) Methyl Acetate	4.678	43	66433	23.976	ug/L	94
16) Methylene chloride	4.922	84	163577	25.873	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	161914	24.432	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	271216	25.058	ug/L #	74
19) 1,1-Dichloroethane	6.220	63	280876	23.227	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	179274	25.613	ug/L #	86
22) 2-Butanone	7.171	43	83747	50.220	ug/L	95
23) Bromochloromethane	7.519	128	80341	26.671	ug/L	85
25) Chloroform	7.677	83	304554	23.912	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022474.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Apr 08 23:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

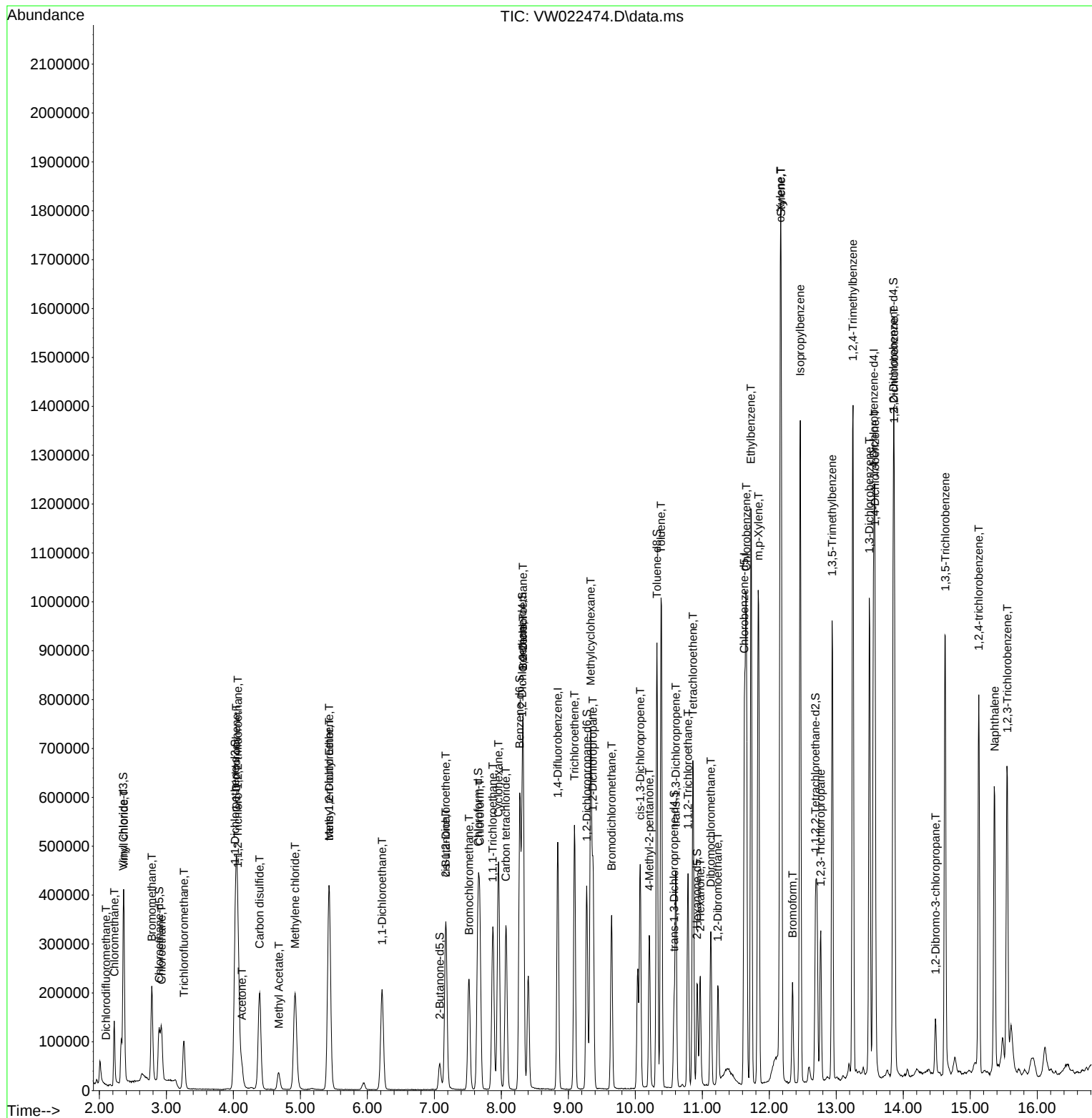
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	6847	0.765	ug/L	96
29) Cyclohexane	7.958	56	253970	21.537	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	267311	23.389	ug/L	97
31) Carbon tetrachloride	8.067	117	242670	23.657	ug/L	98
33) Benzene	8.323	78	644916	23.055	ug/L	100
34) Trichloroethene	9.092	95	179558	23.973	ug/L	98
35) Methylcyclohexane	9.335	83	304243	22.641	ug/L	95
37) 1,2-Dichloropropane	9.366	63	155718	23.237	ug/L	99
38) Bromodichloromethane	9.646	83	225065	23.354	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	252399	23.736	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	200605	49.052	ug/L	95
42) Toluene	10.384	91	742436	23.162	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	225824	23.717	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	127546	24.938	ug/L	93
46) Tetrachloroethene	10.860	164	140025	25.433	ug/L	88
48) 2-Hexanone	10.969	43	140062	48.545	ug/L	97
49) Dibromochloromethane	11.128	129	158086	25.917	ug/L	92
50) 1,2-Dibromoethane	11.231	107	129060	25.555	ug/L	95
51) Chlorobenzene	11.658	112	511861	26.132	ug/L	94
52) Ethylbenzene	11.725	91	836168	23.273	ug/L	98
53) m,p-Xylene	11.841	106	332884	24.367	ug/L	87
54) o-Xylene	12.164	106	325880	24.963	ug/L	93
55) Styrene	12.176	104	546913	24.521	ug/L	96
59) Bromoform	12.347	173	84847	24.993	ug/L	98
60) Isopropylbenzene	12.463	105	877933	23.134	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	115121	23.688	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	496635	23.795	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	756418	23.833	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	384834	24.986	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	389054	25.328	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	350262	25.428	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	27993	24.836	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	265968	26.467	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	228934	27.126	ug/L	99
71) Naphthalene	15.365	128	506056	28.429	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	194970	27.027	ug/L	97

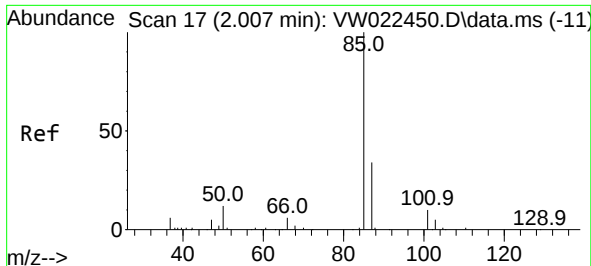
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040822\
 Data File : VW022474.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Apr 08 23:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

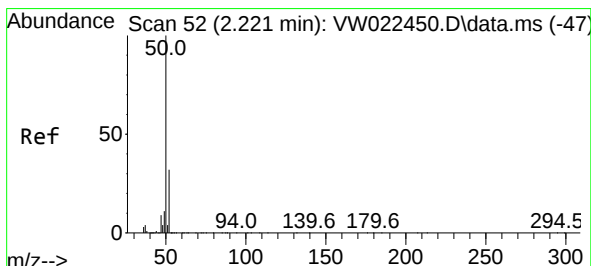
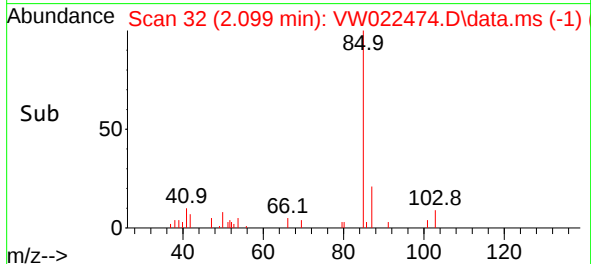
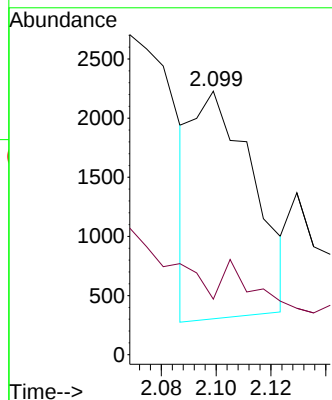
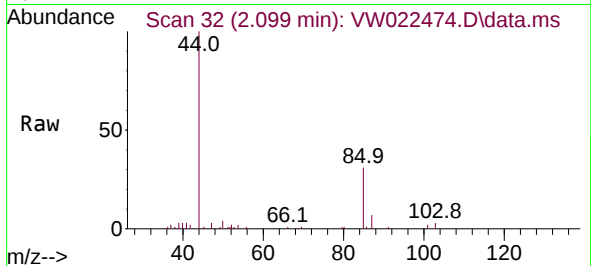




#2
Dichlorodifluoromethane
Concen: 1.435 ug/L
RT: 2.099 min Scan# 31
Delta R.T. 0.091 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

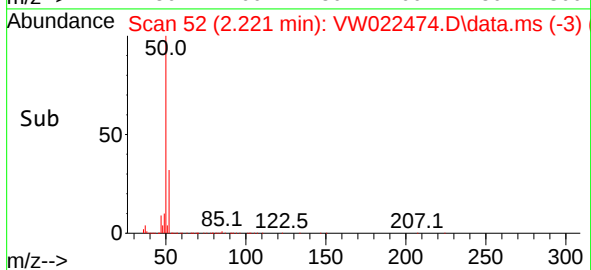
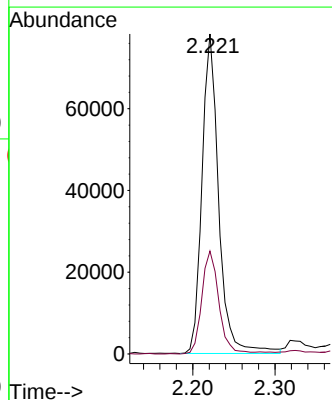
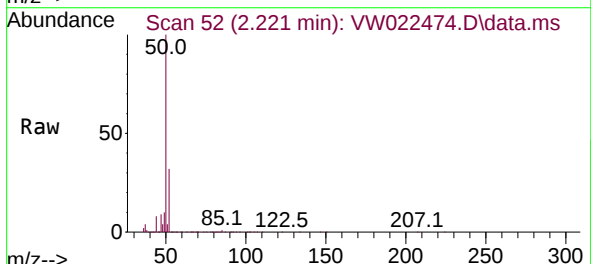
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

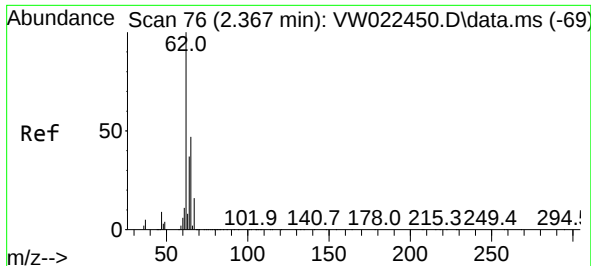
Tgt Ion: 85 Resp: 2956
Ion Ratio Lower Upper
85 100
87 34.4 23.7 35.5



#3
Chloromethane
Concen: 21.495 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 50 Resp: 110383
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.6

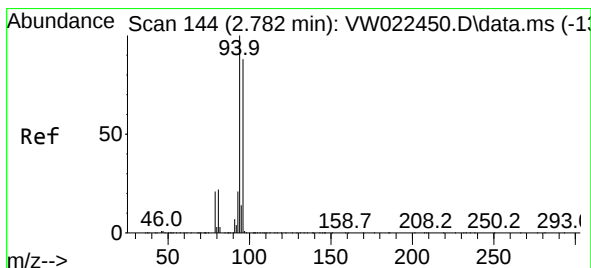
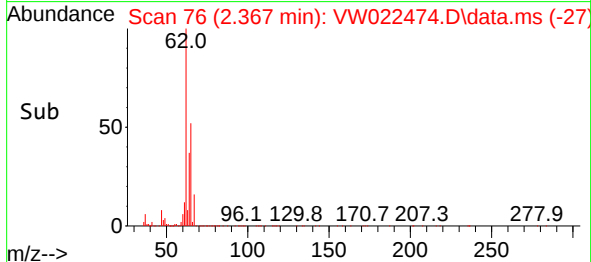
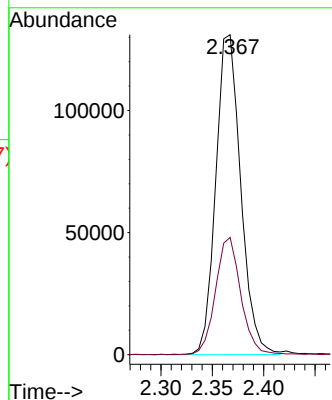
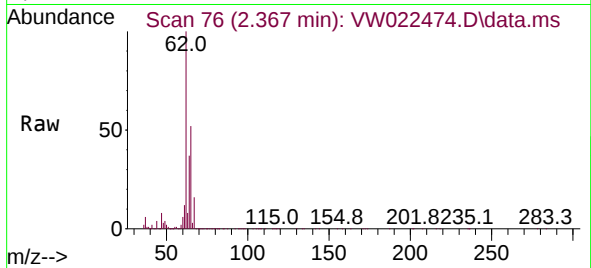




#5
 Vinyl chloride
 Concen: 20.607 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW022474.D
 Acq: 08 Apr 2022 19:19

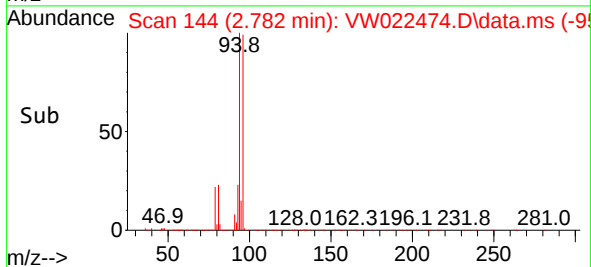
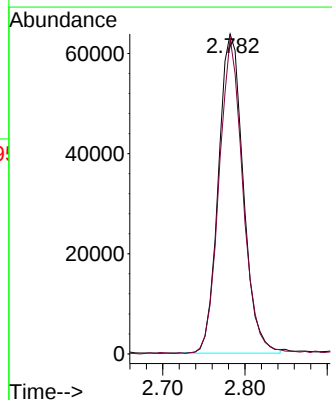
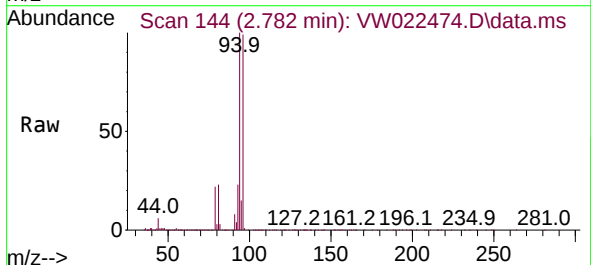
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

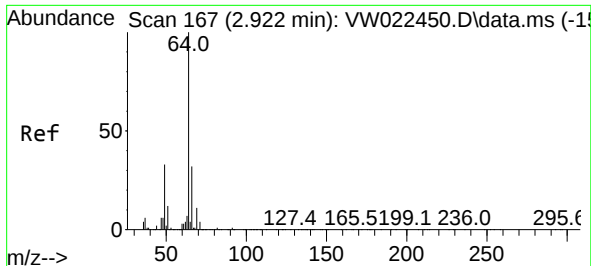
Tgt Ion: 62 Resp: 220816
 Ion Ratio Lower Upper
 62 100
 64 36.7 26.5 49.3



#6
 Bromomethane
 Concen: 20.531 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022474.D
 Acq: 08 Apr 2022 19:19

Tgt Ion: 94 Resp: 133737
 Ion Ratio Lower Upper
 94 100
 96 98.7 66.6 123.6

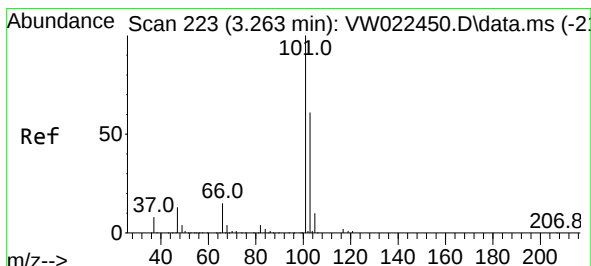
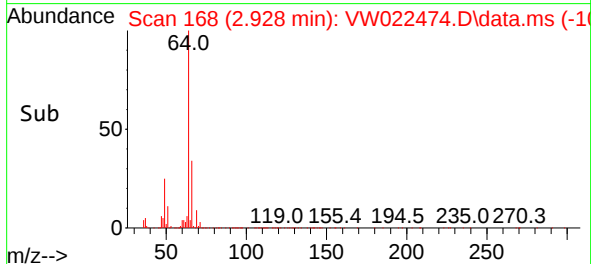
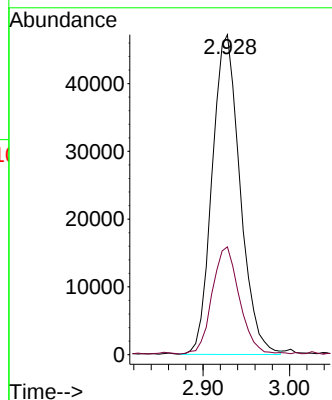
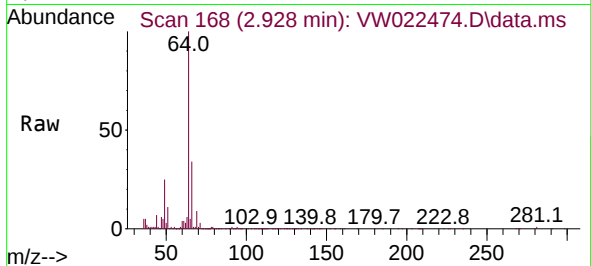




#8
Chloroethane
Concen: 22.503 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

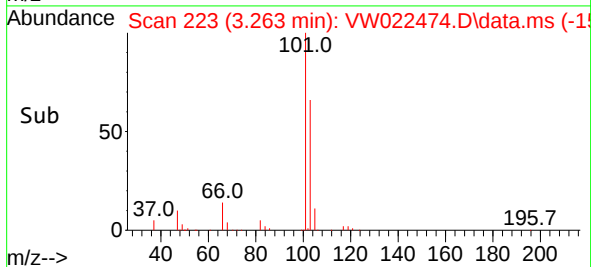
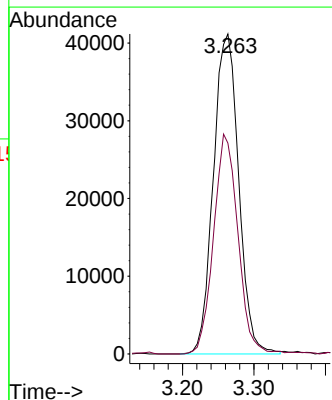
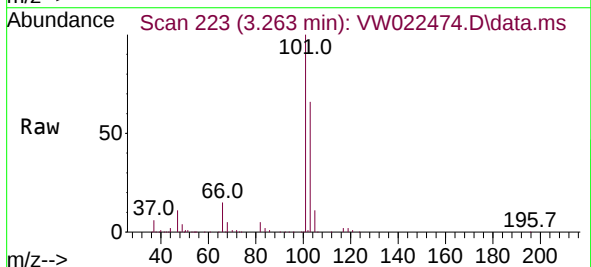
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

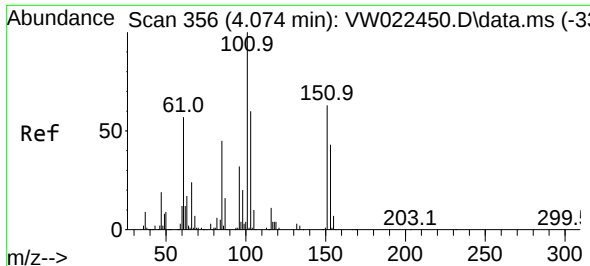
Tgt Ion: 64 Resp: 105564
Ion Ratio Lower Upper
64 100
66 33.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.602 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 101 Resp: 101282
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0

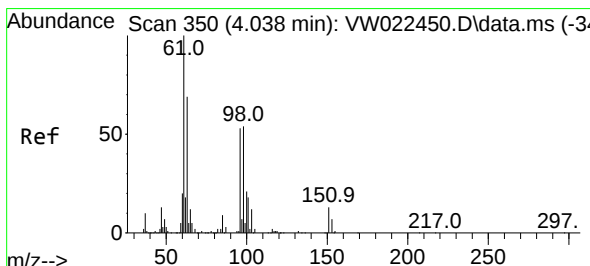
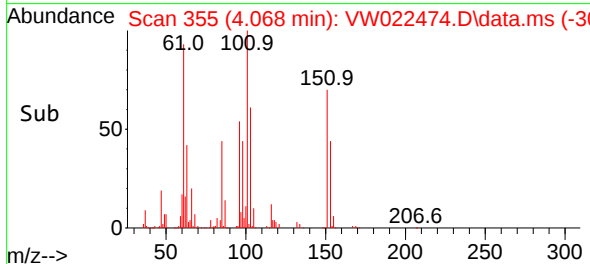
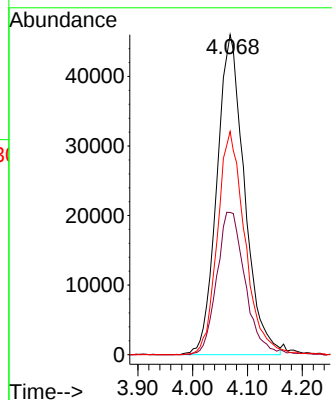
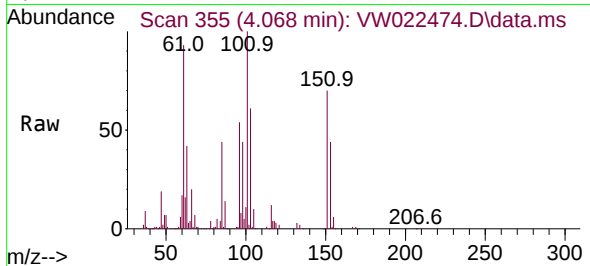




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.507 ug/L
RT: 4.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

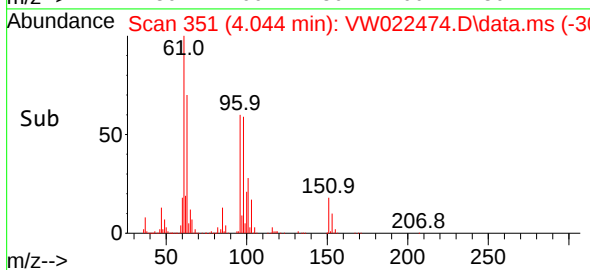
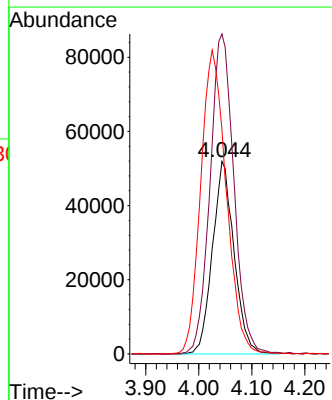
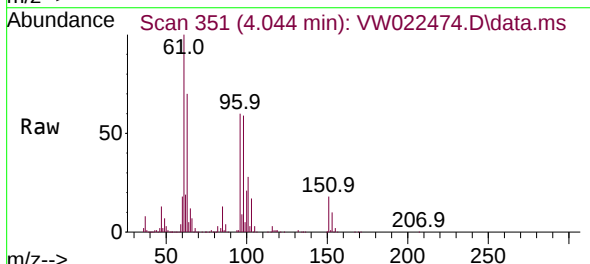
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

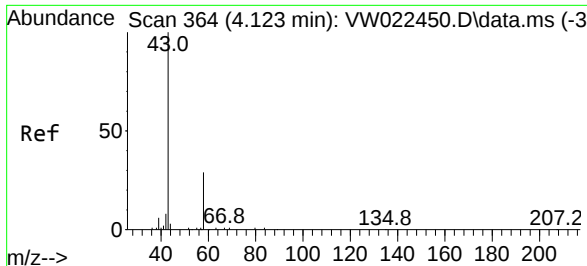
Tgt Ion:101 Resp: 160676
Ion Ratio Lower Upper
101 100
85 45.3 39.2 58.8
151 69.6 52.2 78.4



#12
1,1-Dichloroethene
Concen: 26.027 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 96 Resp: 147246
Ion Ratio Lower Upper
96 100
61 166.3 128.0 237.6
63 116.5 86.6 160.8

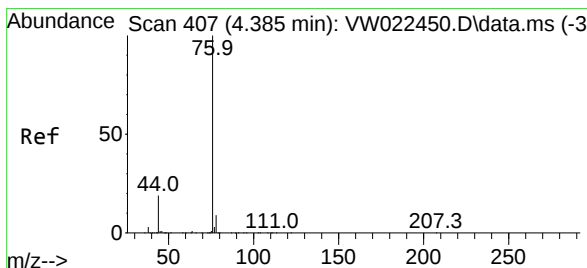
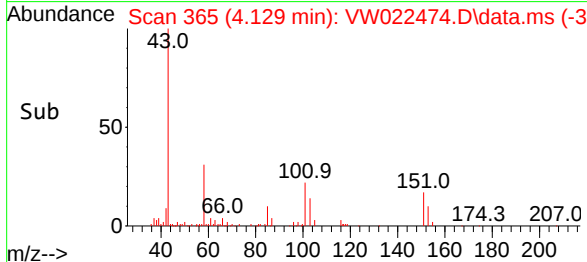
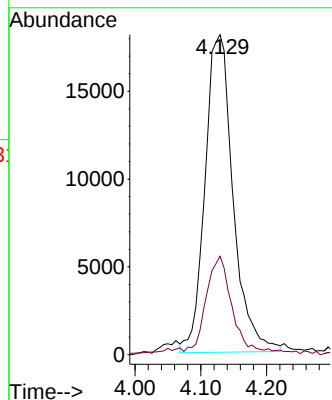
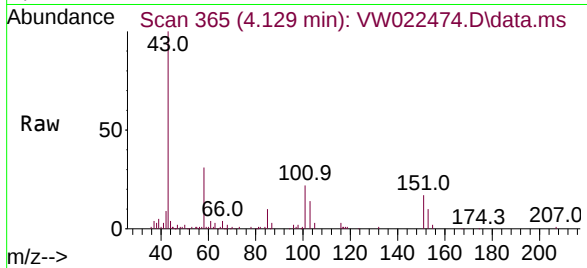




#13
Acetone
Concen: 48.661 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

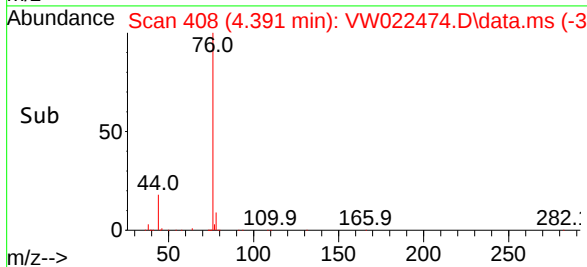
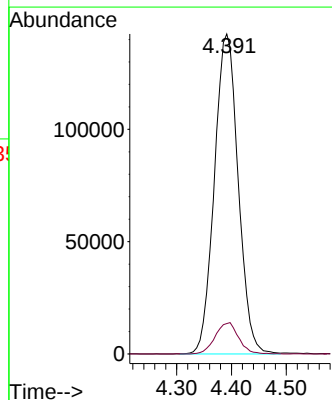
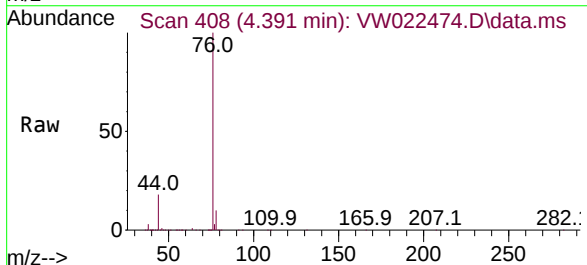
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

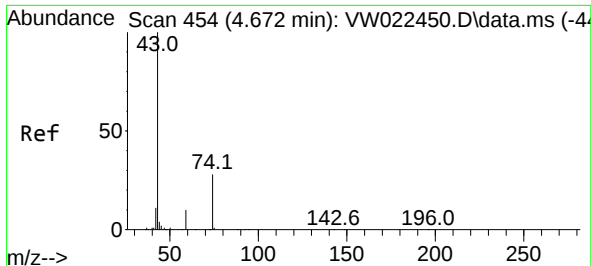
Tgt Ion: 43 Resp: 53729
Ion Ratio Lower Upper
43 100
58 28.6 0.0 57.0



#14
Carbon disulfide
Concen: 23.123 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 76 Resp: 430342
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

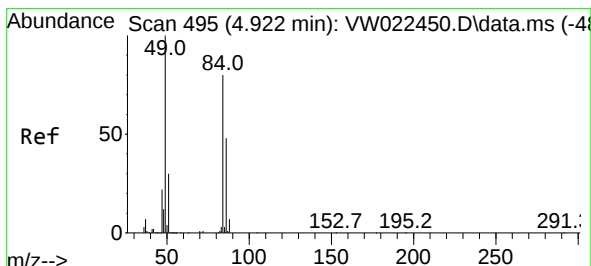
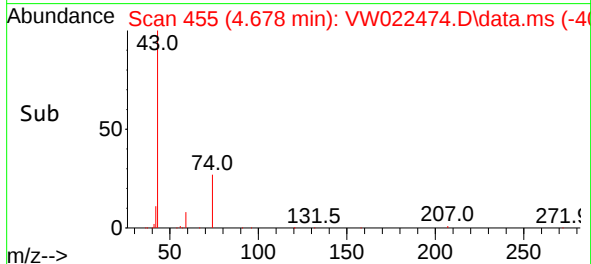
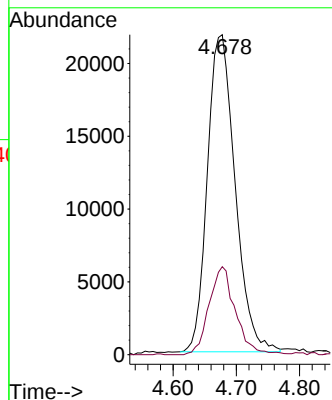
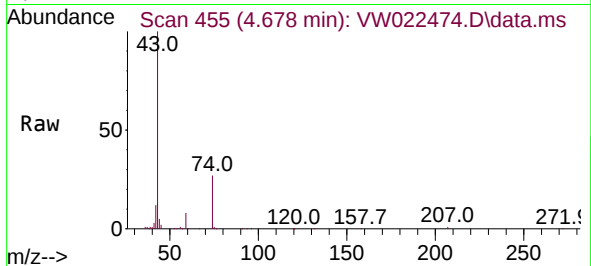




#15
Methyl Acetate
Concen: 23.976 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

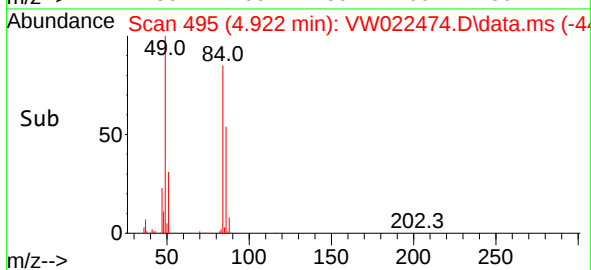
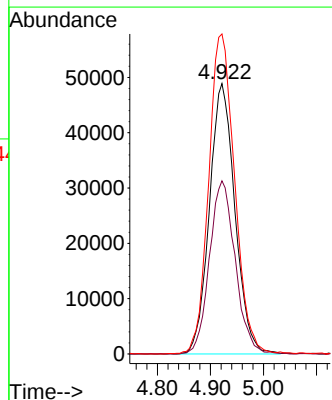
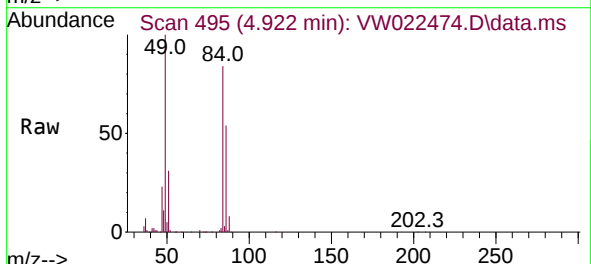
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

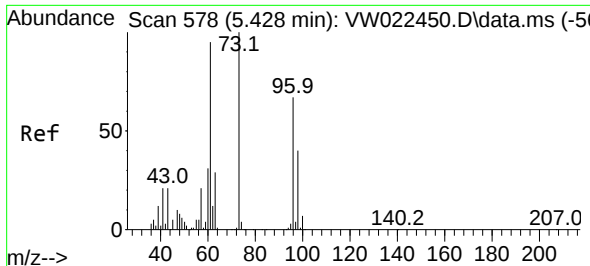
Tgt Ion: 43 Resp: 66433
Ion Ratio Lower Upper
43 100
74 26.1 18.5 27.7



#16
Methylene chloride
Concen: 25.873 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 84 Resp: 163577
Ion Ratio Lower Upper
84 100
86 64.1 42.8 79.4
49 118.4 94.2 175.0

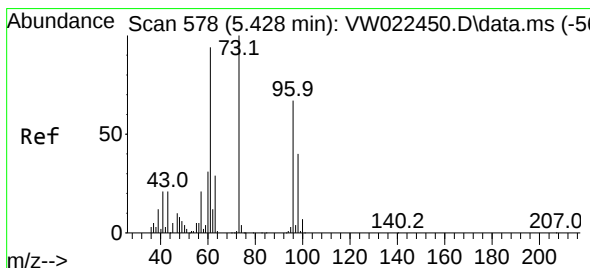
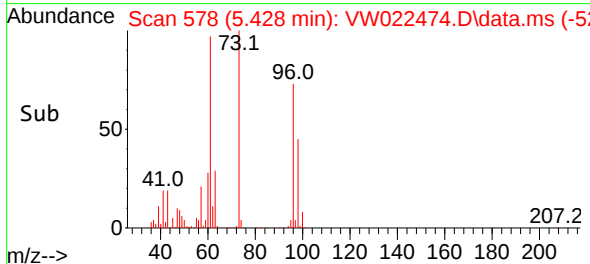
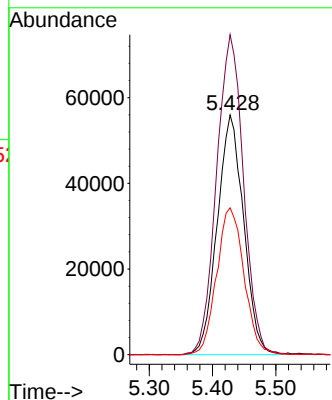
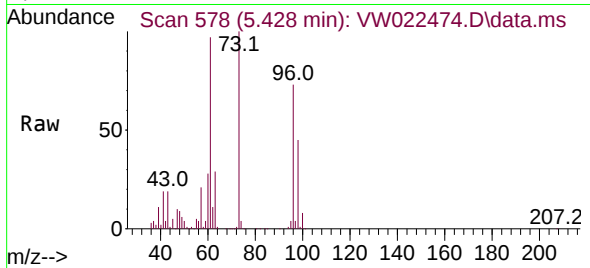




#17
trans-1,2-Dichloroethene
Concen: 24.432 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

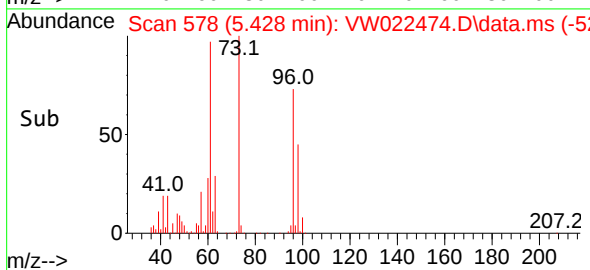
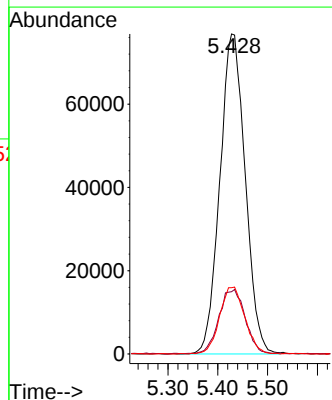
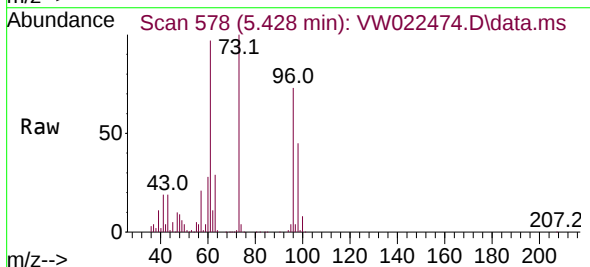
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

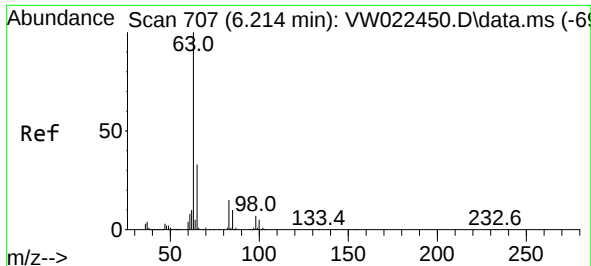
Tgt Ion: 96 Resp: 161914
Ion Ratio Lower Upper
96 100
61 133.5 99.8 185.4
98 61.3 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.058 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 73 Resp: 271216
Ion Ratio Lower Upper
73 100
43 0.0 18.8 28.2#
57 20.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.227 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

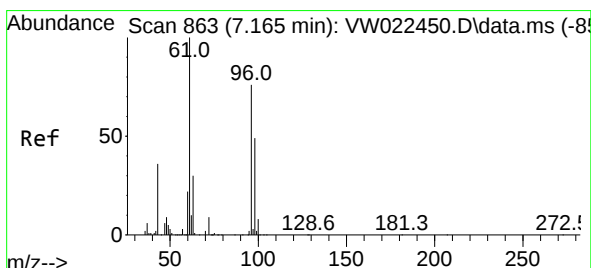
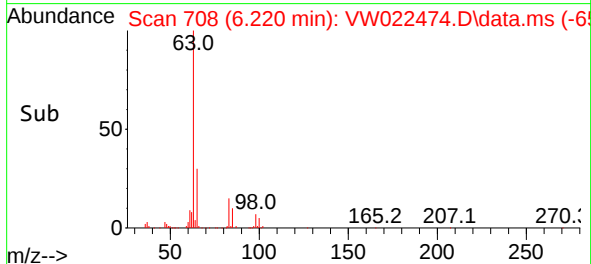
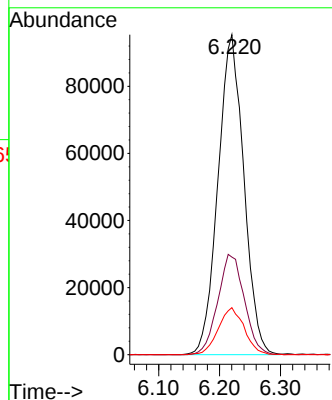
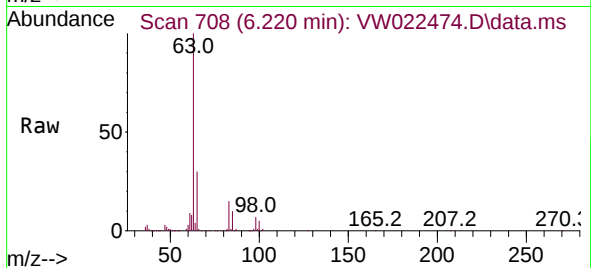
Tgt Ion: 63 Resp: 280876

Ion Ratio Lower Upper

63 100

65 30.5 21.1 39.3

83 14.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.613 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

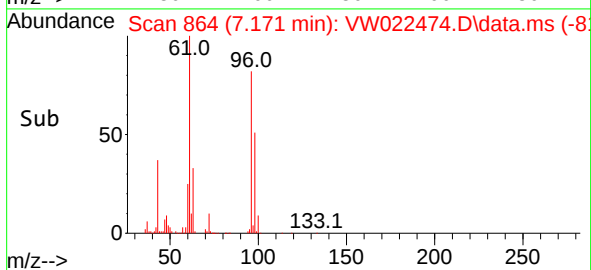
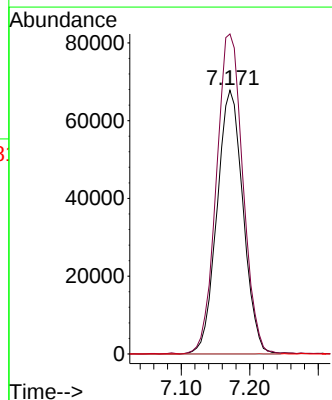
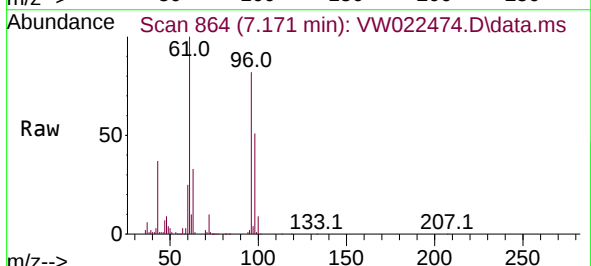
Tgt Ion: 96 Resp: 179274

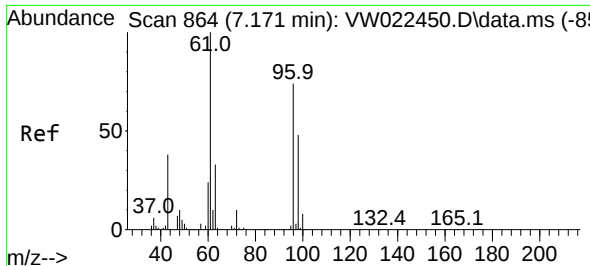
Ion Ratio Lower Upper

96 100

61 121.4 96.4 179.0

68 0.0 0.1 0.3

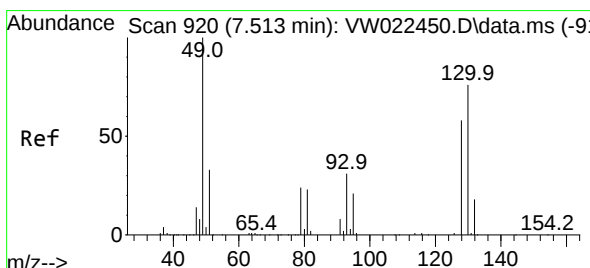
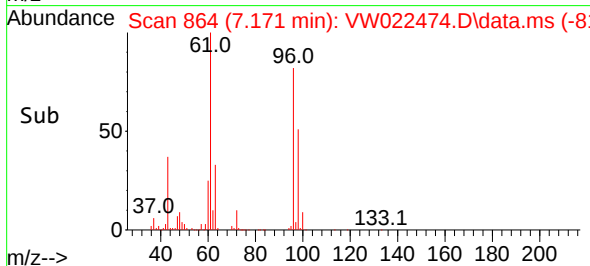
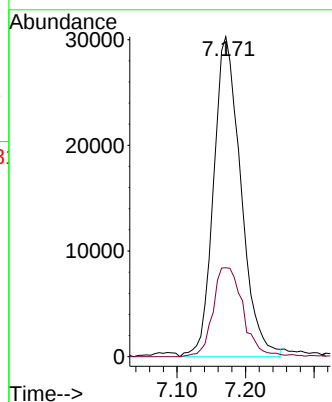
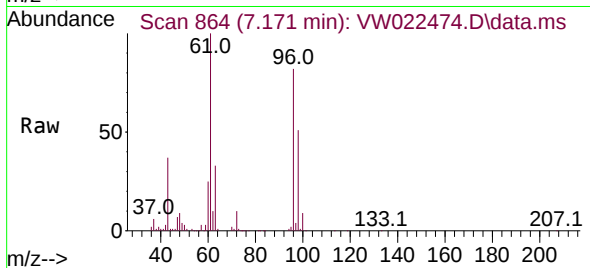




#22
2-Butanone
Concen: 50.220 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

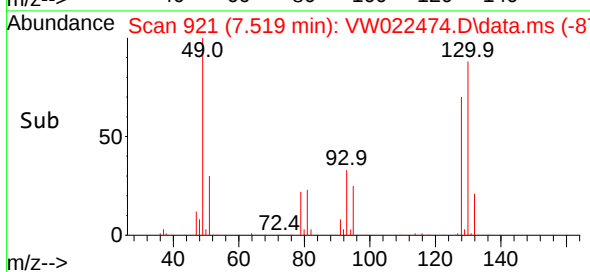
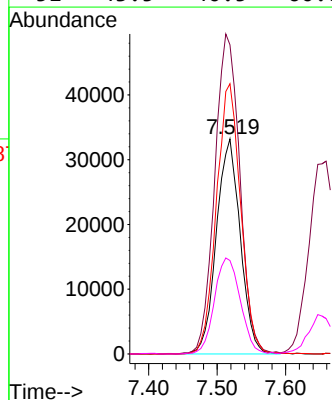
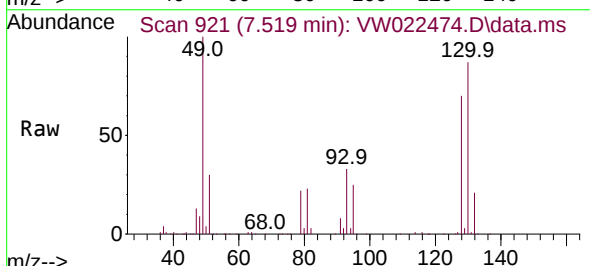
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

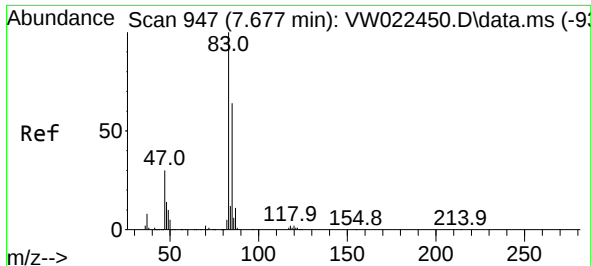
Tgt Ion: 43 Resp: 83747
Ion Ratio Lower Upper
43 100
72 30.5 14.0 42.0



#23
Bromochloromethane
Concen: 26.671 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 128 Resp: 80341
Ion Ratio Lower Upper
128 100
49 143.7 120.8 224.3
130 125.7 81.8 151.8
51 43.5 40.5 60.7

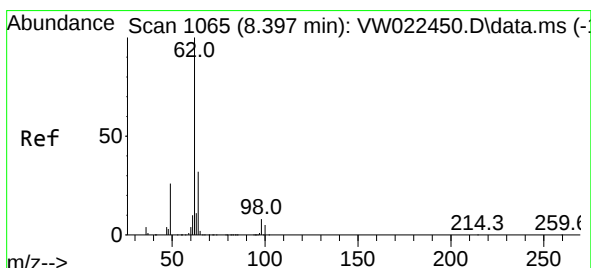
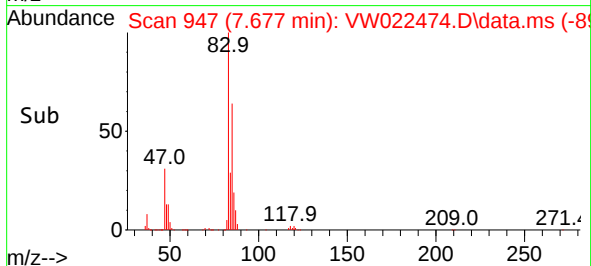
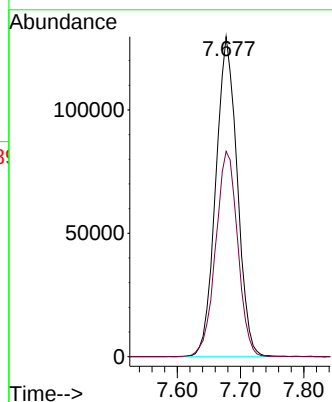
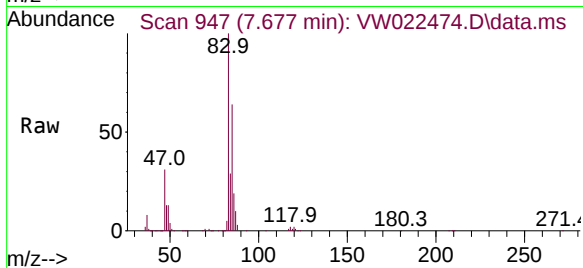




#25
Chloroform
Concen: 23.912 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

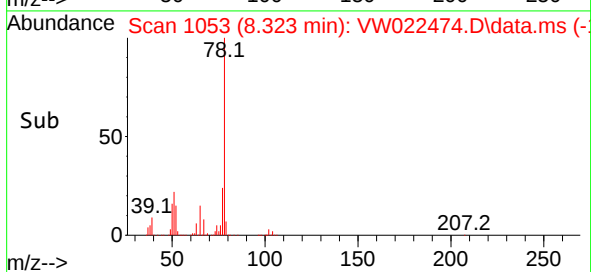
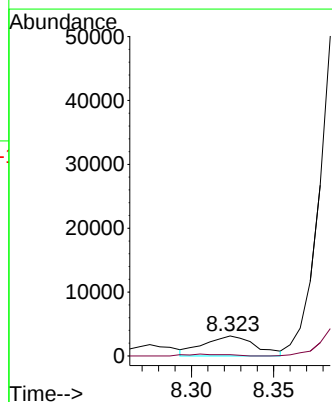
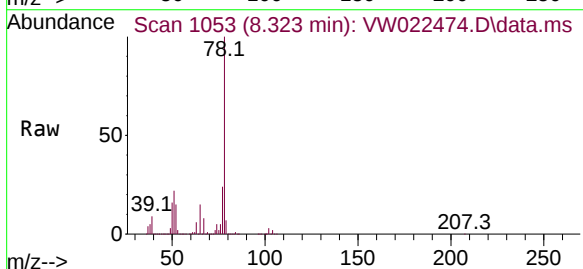
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

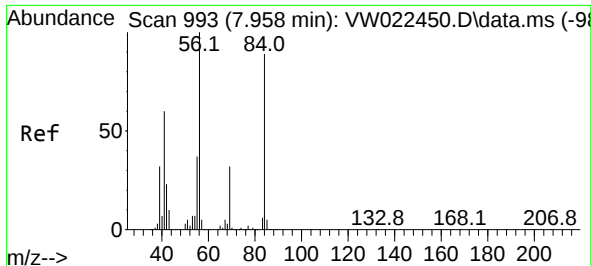
Tgt Ion: 83 Resp: 304554
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.0



#27
1,2-Dichloroethane
Concen: 0.765 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.073 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 62 Resp: 6847
Ion Ratio Lower Upper
62 100
98 6.3 6.2 9.2





#29

Cyclohexane

Concen: 21.537 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

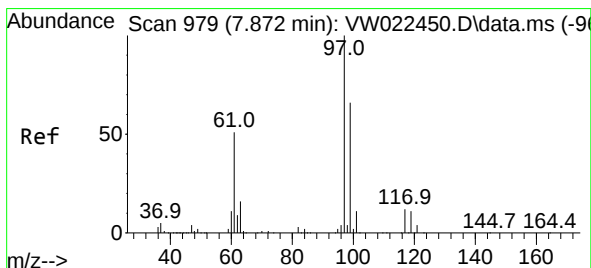
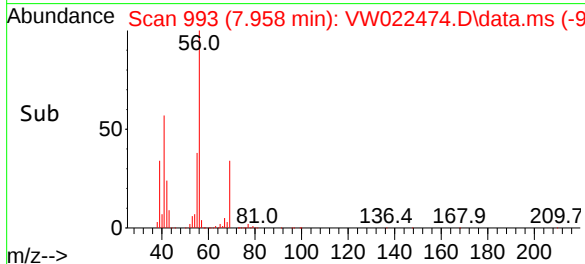
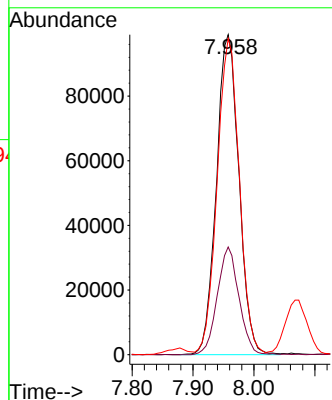
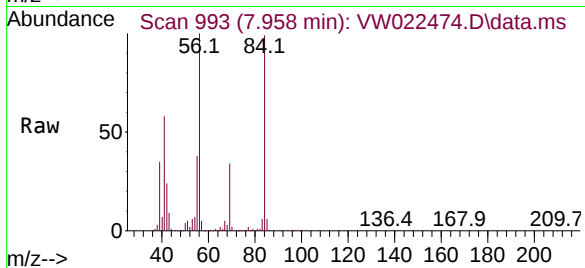
MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion: 56 Resp: 253970

Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.4	36.6
84	97.2	72.6	108.8



#30

1,1,1-Trichloroethane

Concen: 23.389 ug/L

RT: 7.872 min Scan# 979

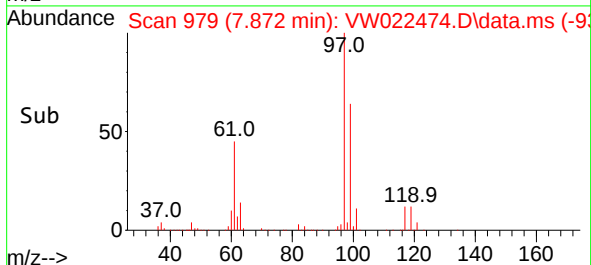
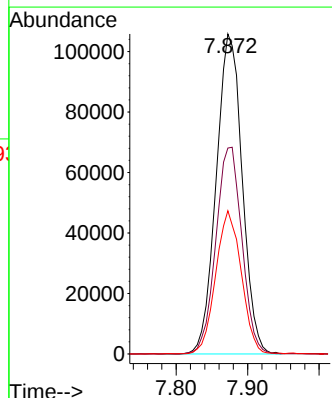
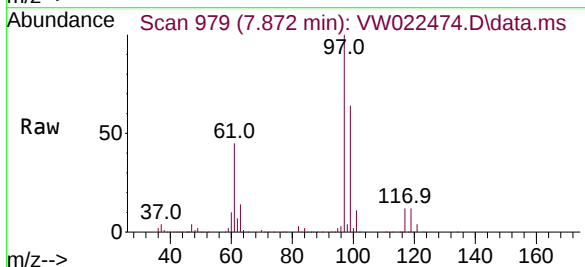
Delta R.T. 0.000 min

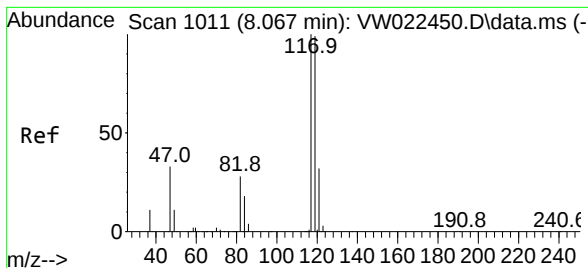
Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Tgt Ion: 97 Resp: 267311

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	43.8	38.7	58.1





#31

Carbon tetrachloride

Concen: 23.657 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

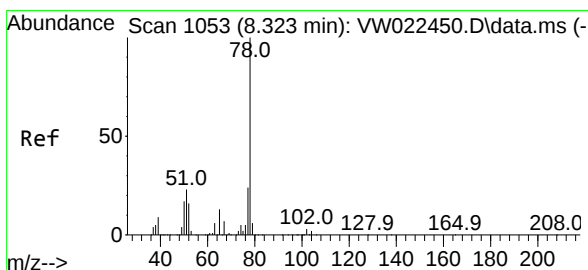
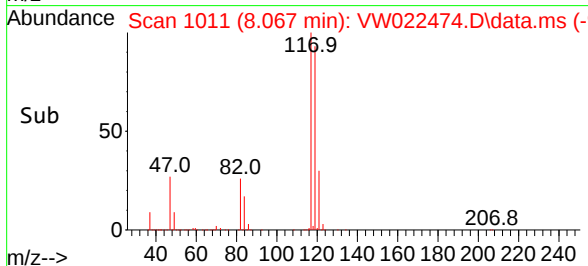
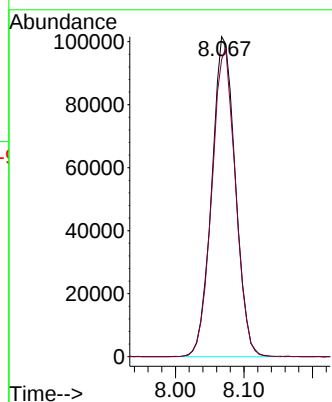
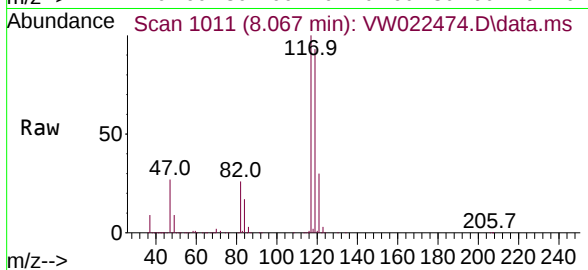
VSTD025598

Tgt Ion:117 Resp: 242670

Ion Ratio Lower Upper

117 100

119 96.3 75.5 113.3



#33

Benzene

Concen: 23.055 ug/L

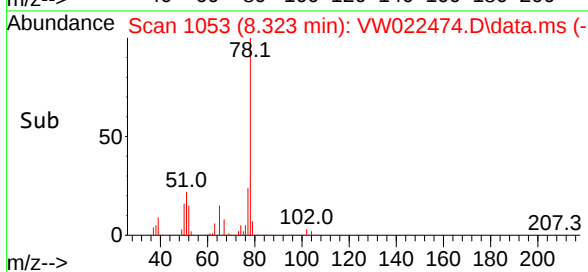
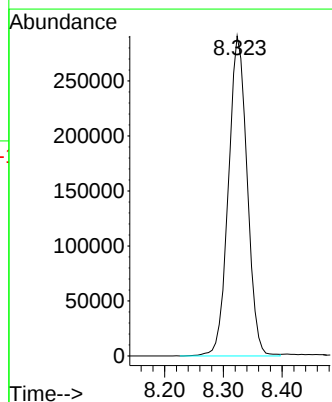
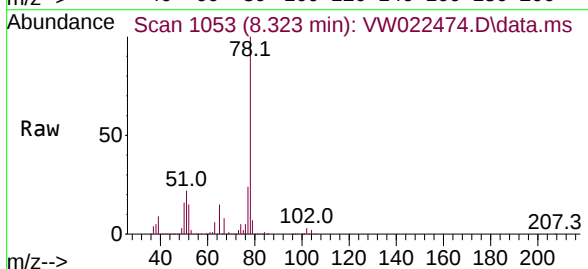
RT: 8.323 min Scan# 1053

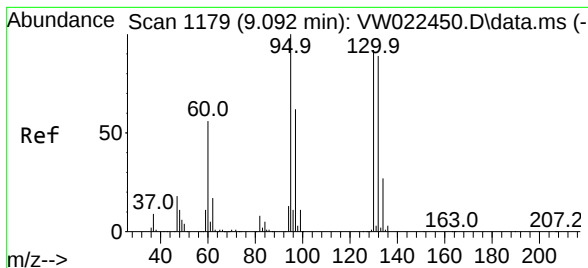
Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Tgt Ion: 78 Resp: 644916





#34

Trichloroethene

Concen: 23.973 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion: 95 Resp: 179558

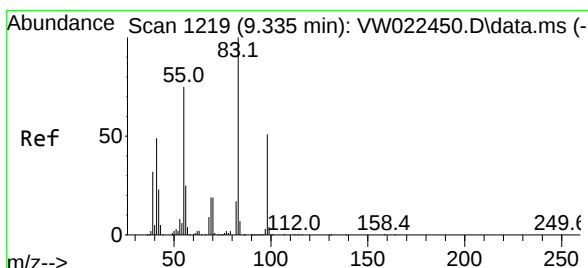
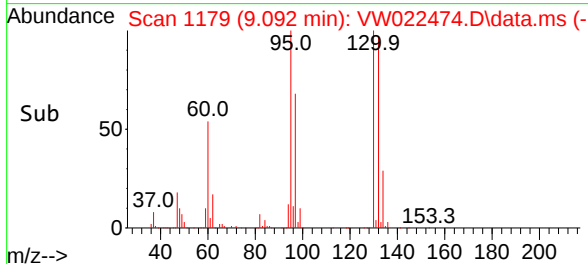
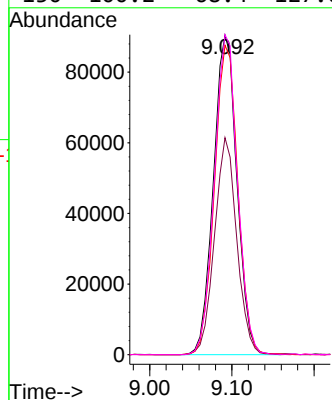
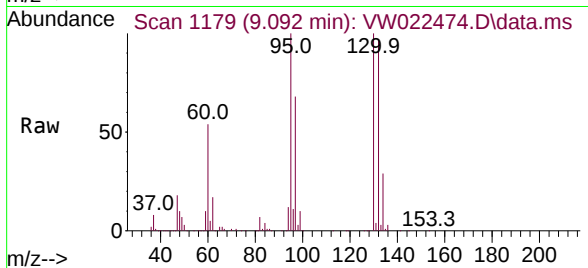
Ion Ratio Lower Upper

95 100

97 68.0 46.4 86.2

132 96.9 67.4 125.2

130 100.2 68.4 127.0



#35

Methylcyclohexane

Concen: 22.641 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

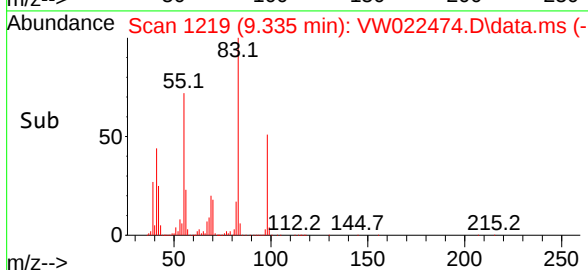
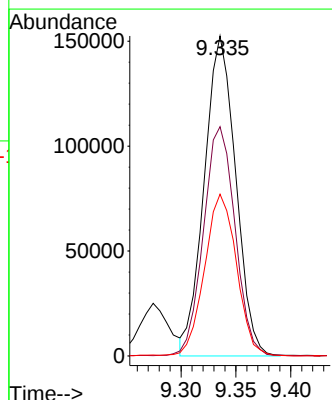
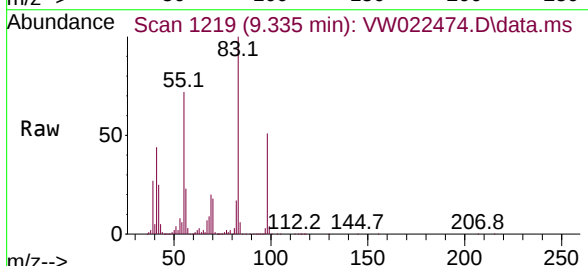
Tgt Ion: 83 Resp: 304243

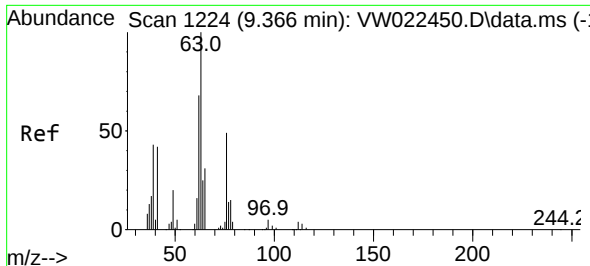
Ion Ratio Lower Upper

83 100

55 71.8 61.0 91.6

98 51.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.237 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

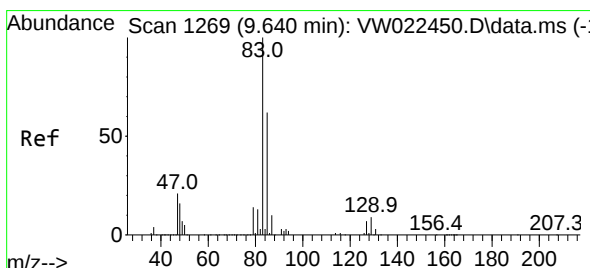
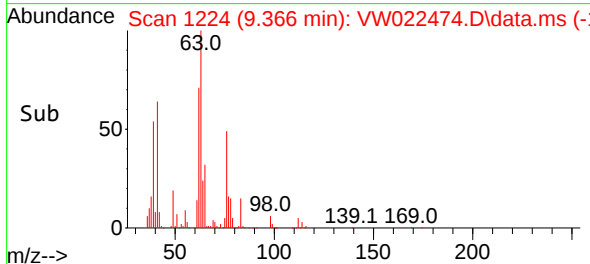
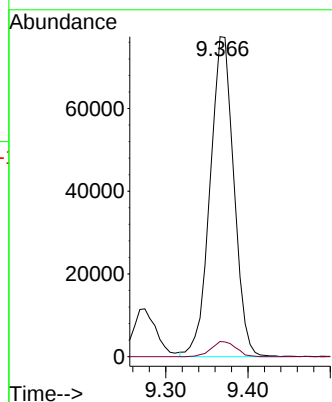
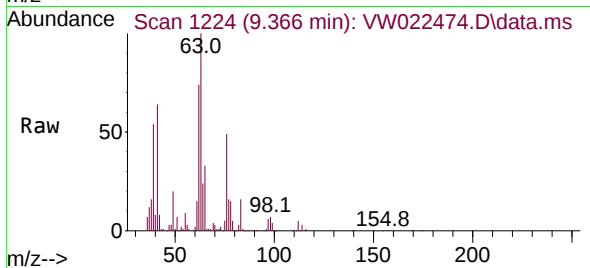
VSTD025598

Tgt Ion: 63 Resp: 155718

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 23.354 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

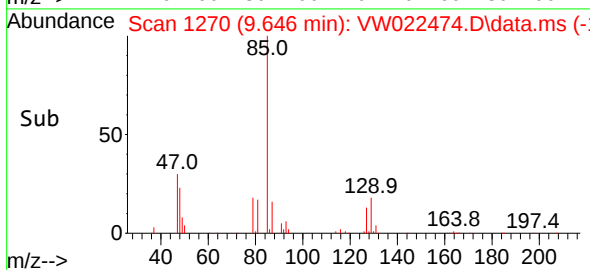
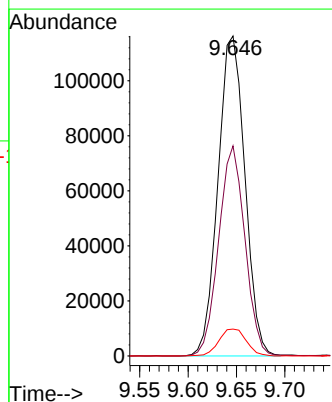
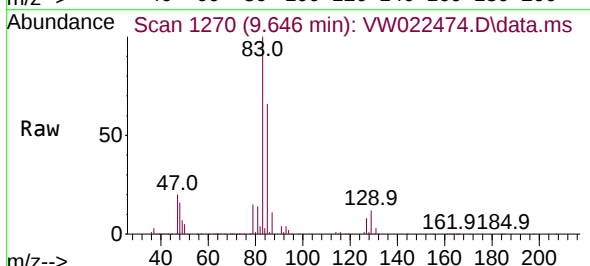
Tgt Ion: 83 Resp: 225065

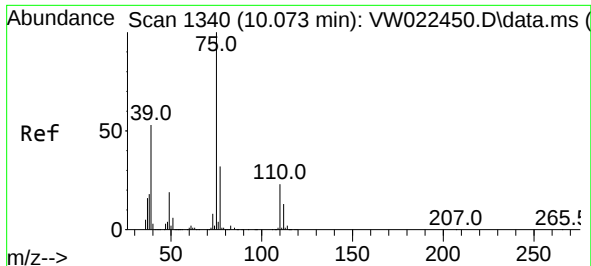
Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0

127 8.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.736 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

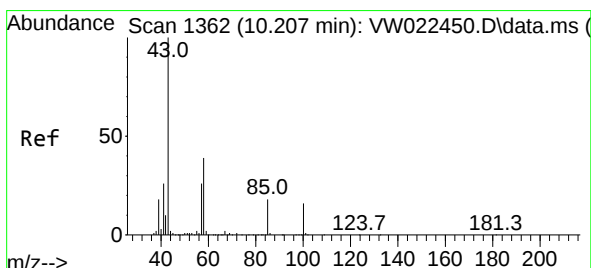
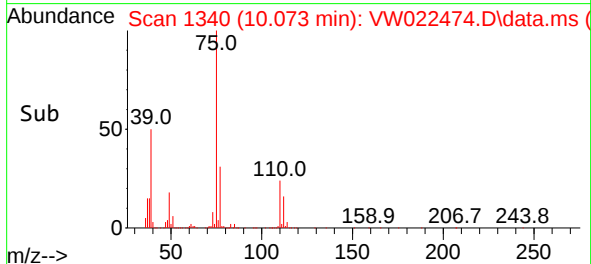
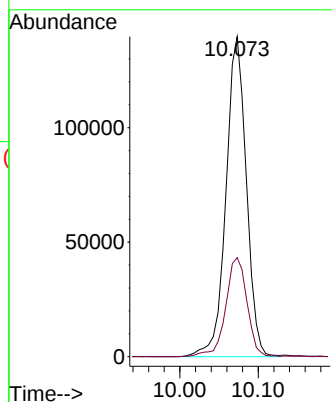
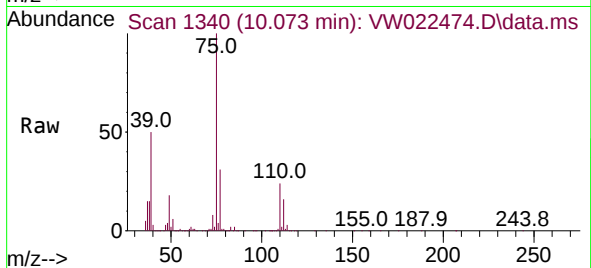
VSTD025598

Tgt Ion: 75 Resp: 252399

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.052 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

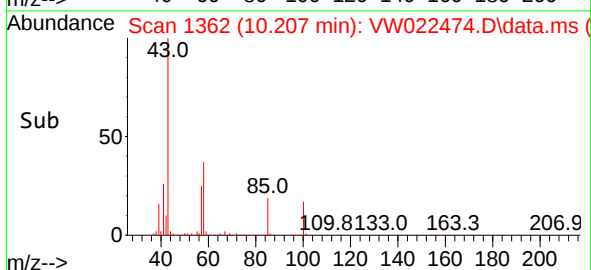
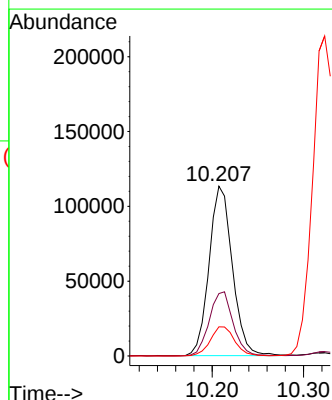
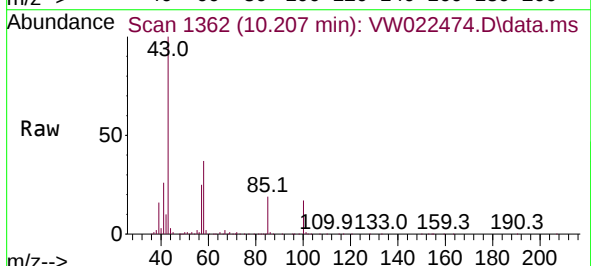
Tgt Ion: 43 Resp: 200605

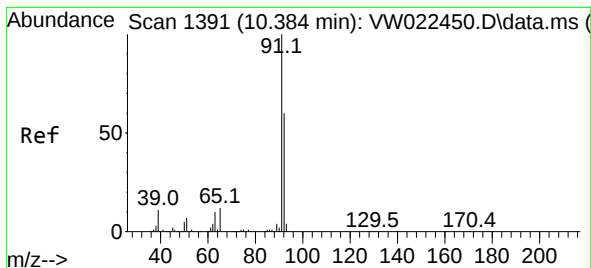
Ion Ratio Lower Upper

43 100

58 38.9 29.3 43.9

100 18.0 12.2 18.4





#42

Toluene

Concen: 23.162 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

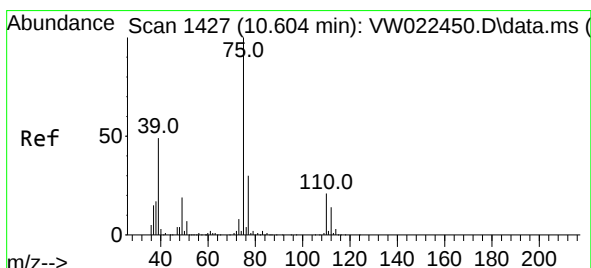
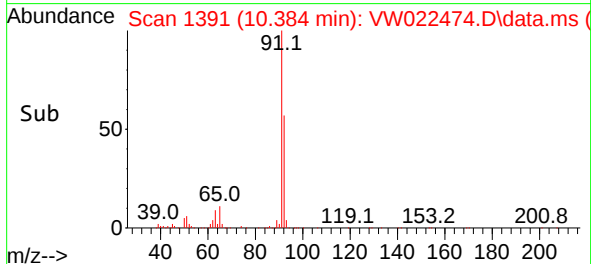
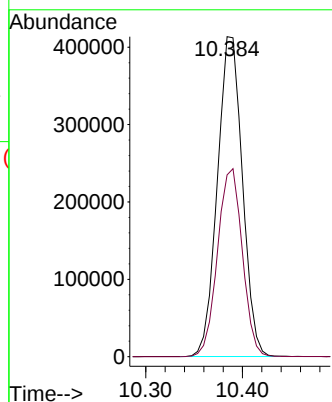
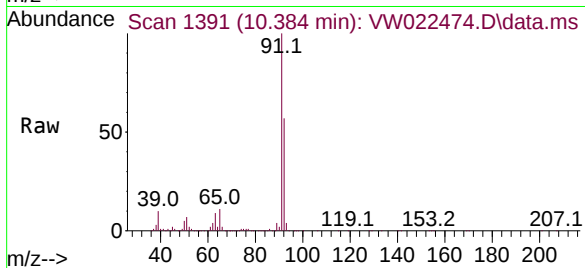
VSTD025598

Tgt Ion: 91 Resp: 742436

Ion Ratio Lower Upper

91 100

92 56.8 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 23.717 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022474.D

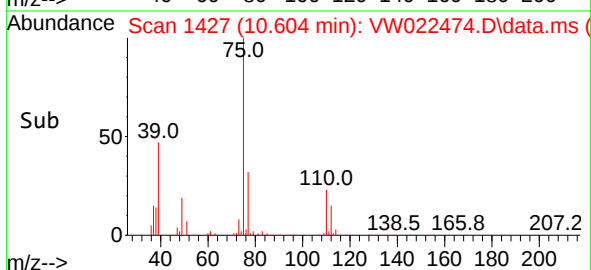
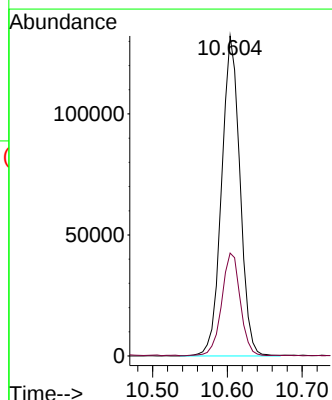
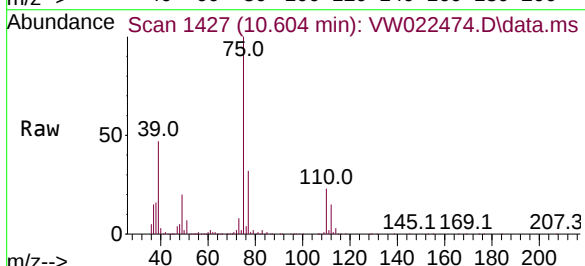
Acq: 08 Apr 2022 19:19

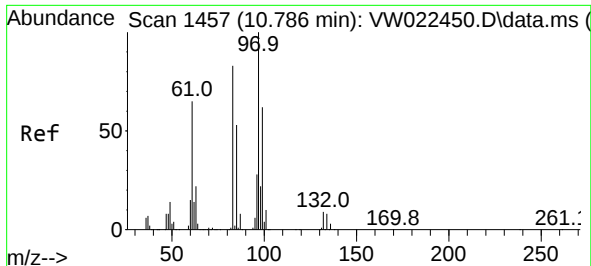
Tgt Ion: 75 Resp: 225824

Ion Ratio Lower Upper

75 100

77 32.2 21.3 39.6

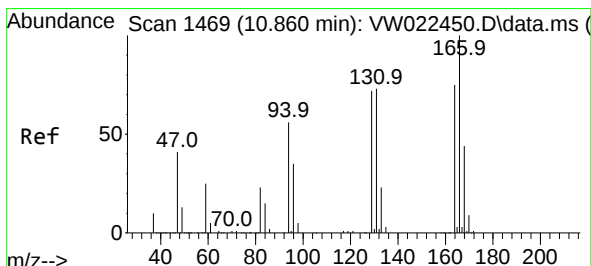
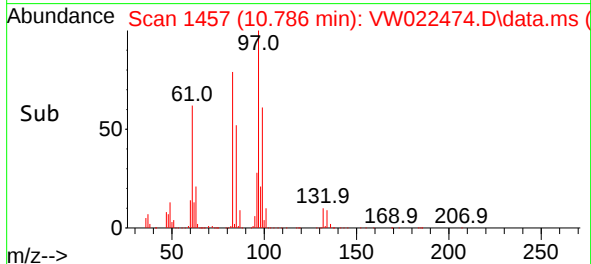
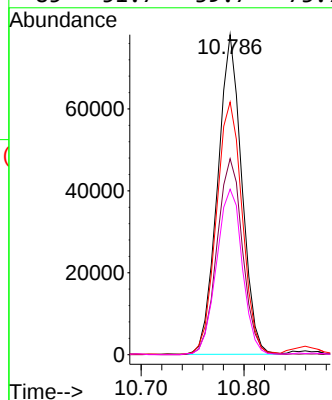
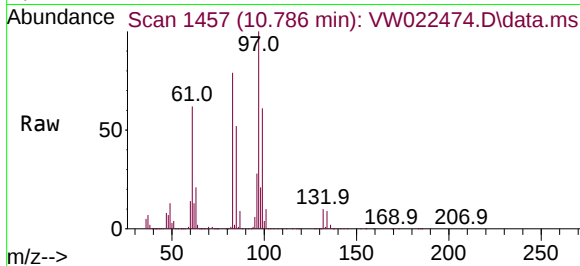




#45
1,1,2-Trichloroethane
Concen: 24.938 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

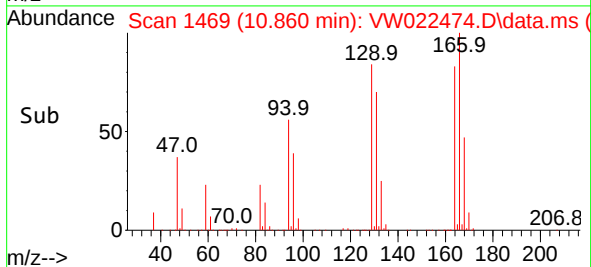
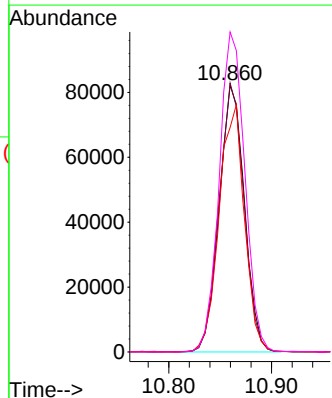
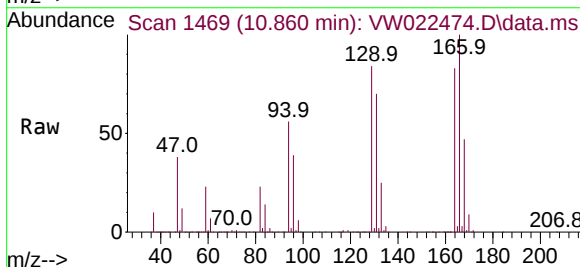
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

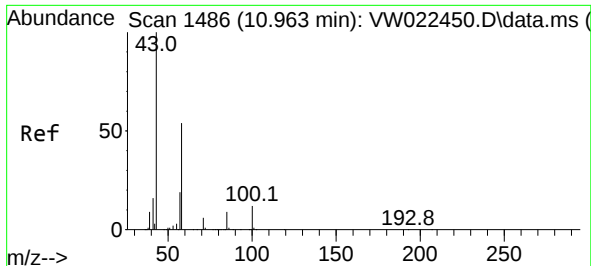
Tgt Ion:	97	Resp:	127546
Ion	Ratio	Lower	Upper
97	100		
99	61.3	46.0	85.4
83	78.9	60.6	112.6
85	51.7	39.7	73.7



#46
Tetrachloroethene
Concen: 25.433 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:	164	Resp:	140025
Ion	Ratio	Lower	Upper
164	100		
129	100.9	74.1	137.7
131	84.2	71.4	132.6
166	120.0	95.9	178.1

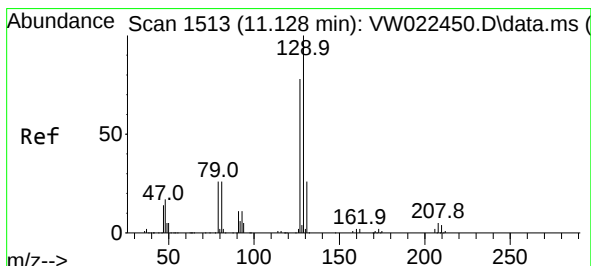
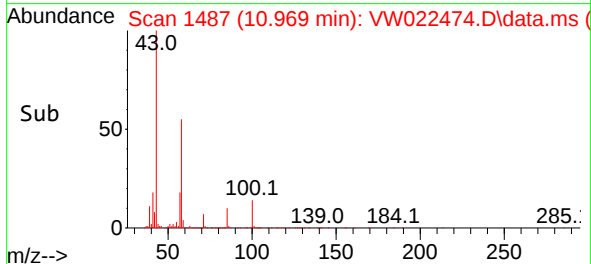
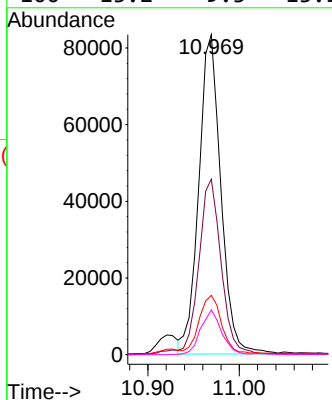
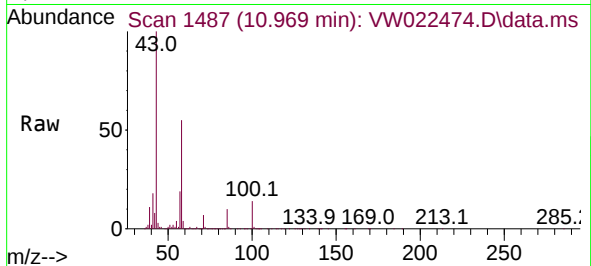




#48
2-Hexanone
Concen: 48.545 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

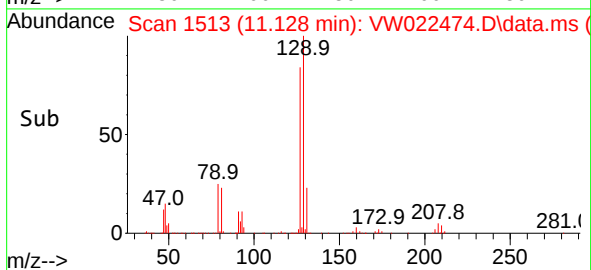
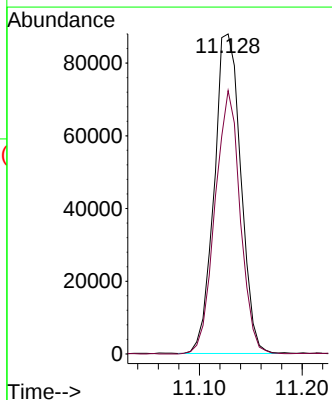
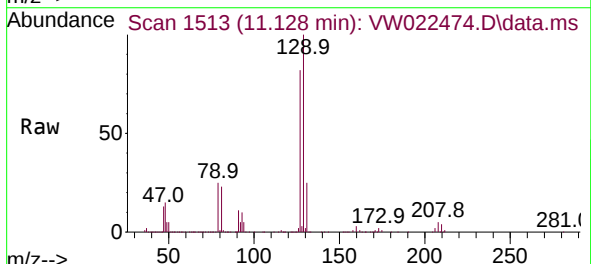
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

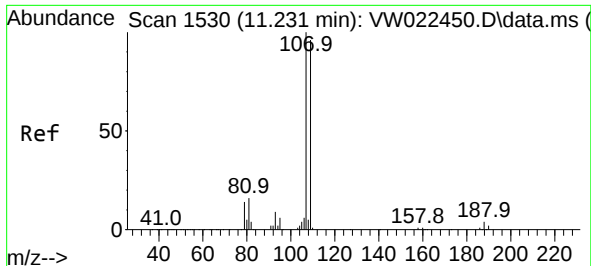
Tgt Ion: 43 Resp: 140062
Ion Ratio Lower Upper
43 100
58 54.0 41.6 62.4
57 18.6 14.5 21.7
100 13.2 9.3 13.9



#49
Dibromochloromethane
Concen: 25.917 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion: 129 Resp: 158086
Ion Ratio Lower Upper
129 100
127 82.3 52.6 97.6

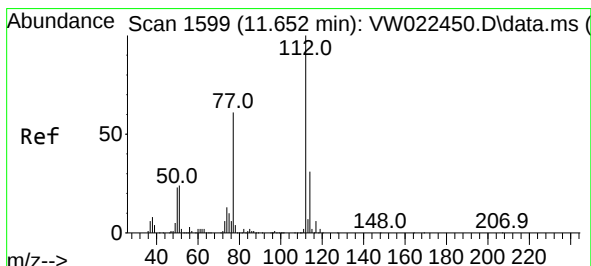
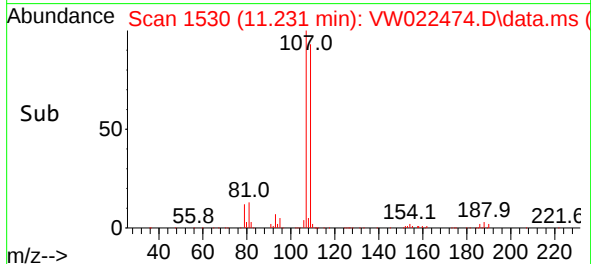
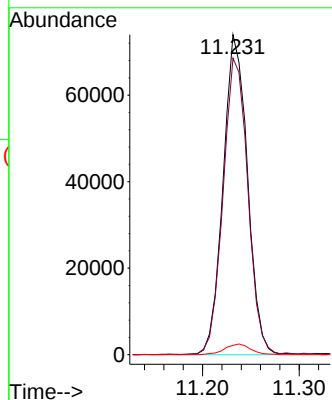
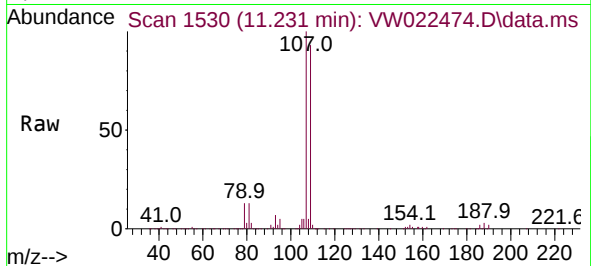




#50
1,2-Dibromoethane
Concen: 25.555 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

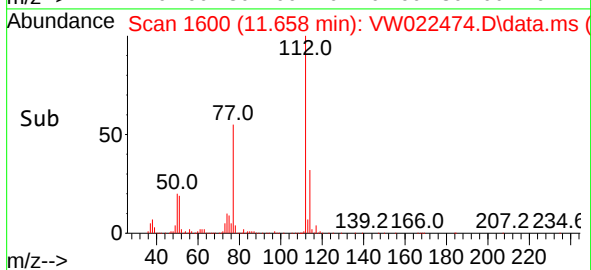
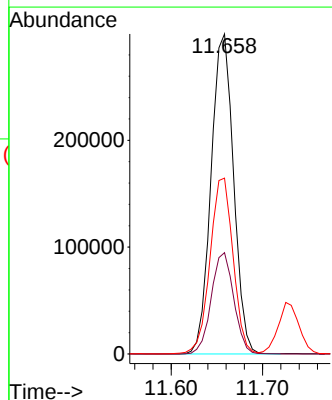
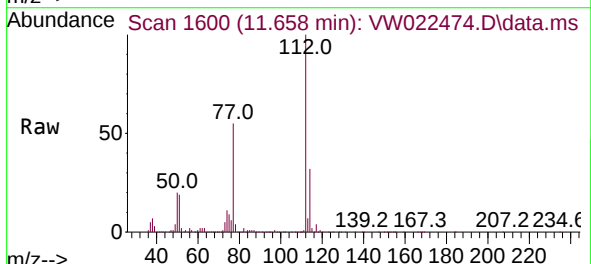
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

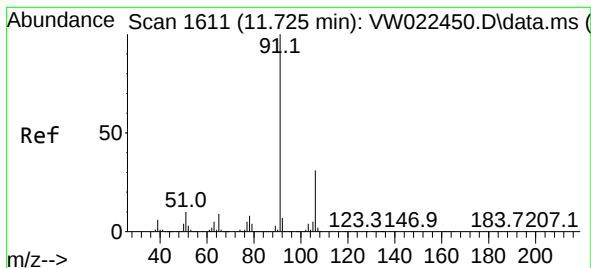
Tgt Ion:107 Resp: 129060
Ion Ratio Lower Upper
107 100
109 92.7 68.2 126.6
188 2.9 2.8 4.2



#51
Chlorobenzene
Concen: 26.132 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:112 Resp: 511861
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 54.9 48.1 72.1

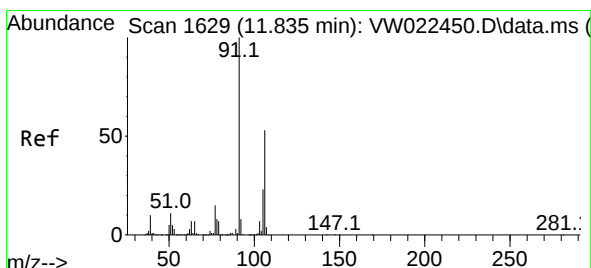
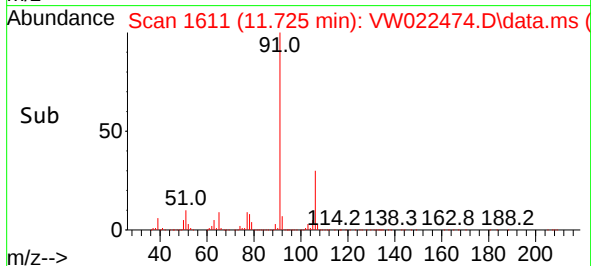
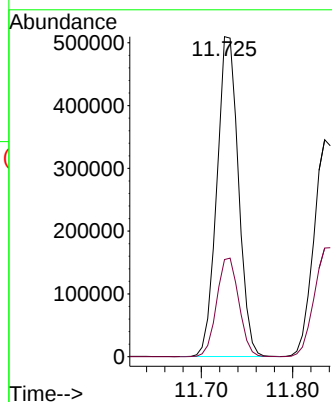
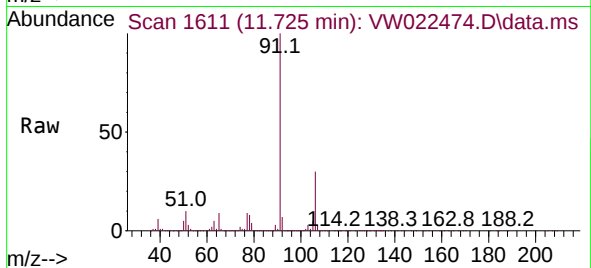




#52
Ethylbenzene
Concen: 23.273 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

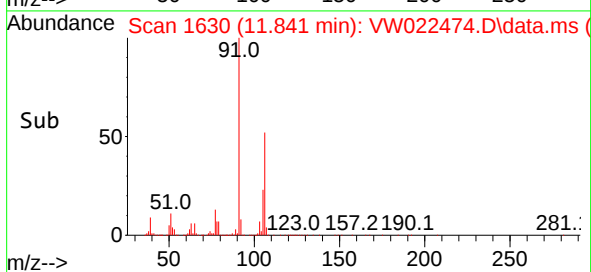
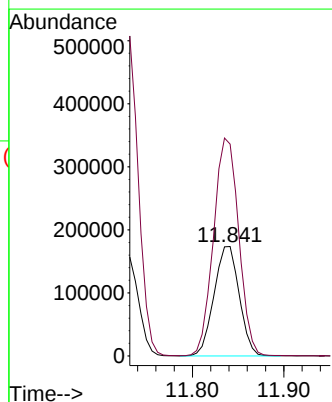
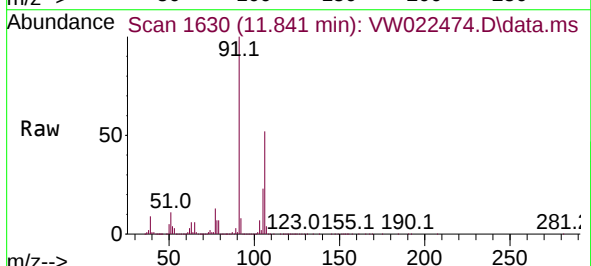
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

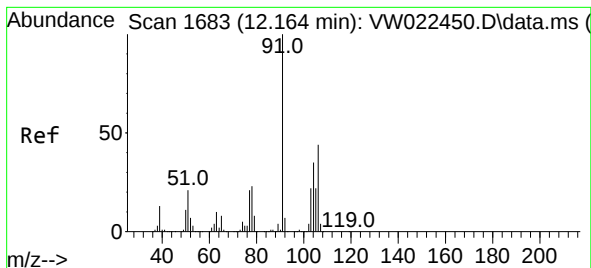
Tgt Ion: 91 Resp: 836168
Ion Ratio Lower Upper
91 100
106 30.4 20.5 38.1



#53
m,p-Xylene
Concen: 24.367 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:106 Resp: 332884
Ion Ratio Lower Upper
106 100
91 193.5 149.9 278.5





#54

o-Xylene

Concen: 24.963 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

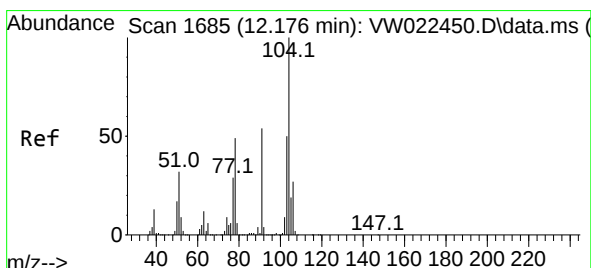
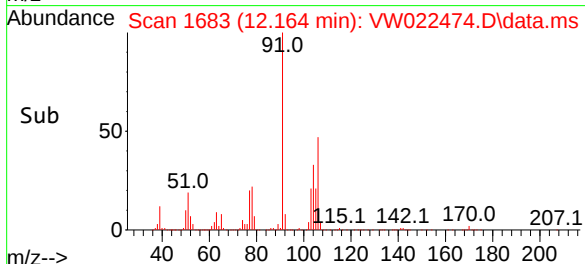
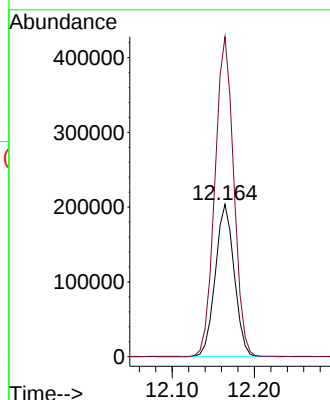
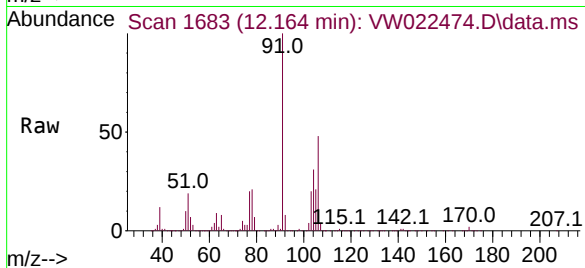
VSTD025598

Tgt Ion:106 Resp: 325880

Ion Ratio Lower Upper

106 100

91 210.2 155.3 288.3



#55

Styrene

Concen: 24.521 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022474.D

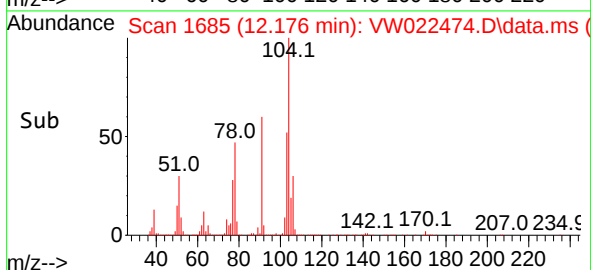
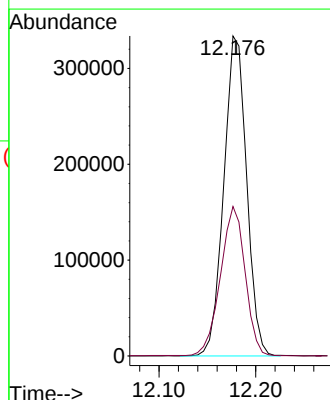
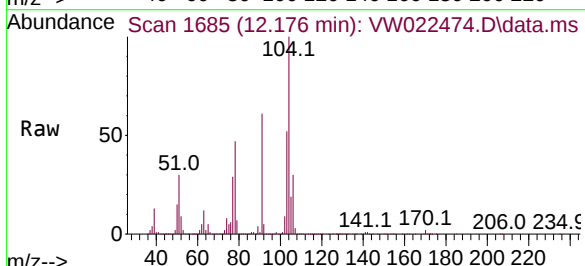
Acq: 08 Apr 2022 19:19

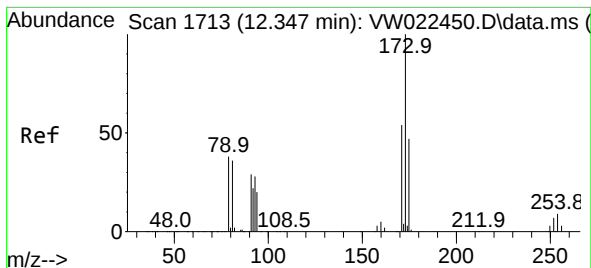
Tgt Ion:104 Resp: 546913

Ion Ratio Lower Upper

104 100

78 46.7 34.4 64.0





#59

Bromoform

Concen: 24.993 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

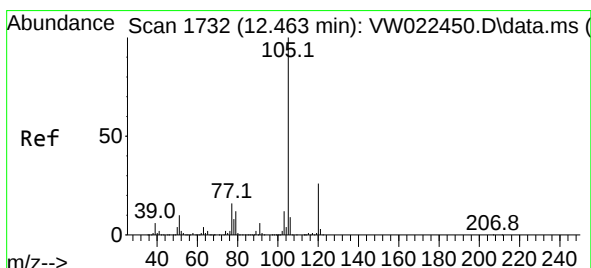
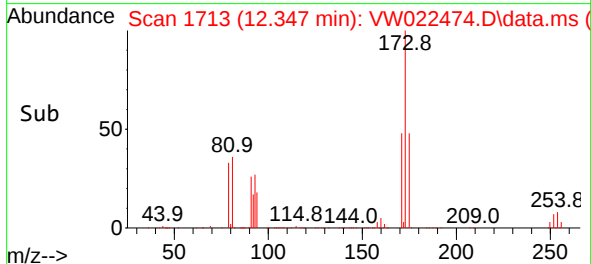
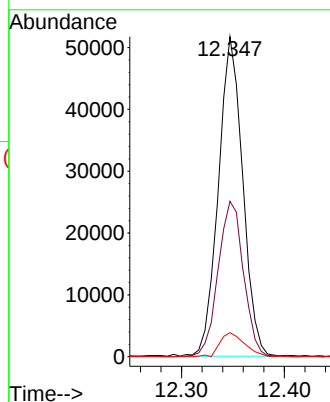
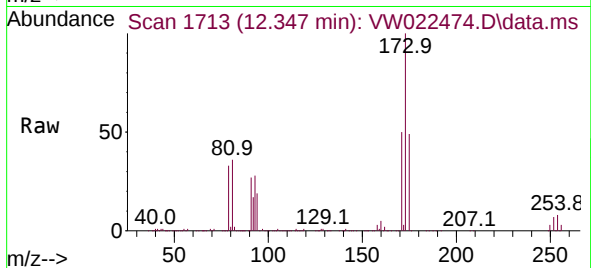
Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion:173	Resp:	84847
Ion Ratio	Lower	Upper
173	100	
175	50.7	39.2 58.8
254	7.5	6.6 9.8



#60

Isopropylbenzene

Concen: 23.134 ug/L

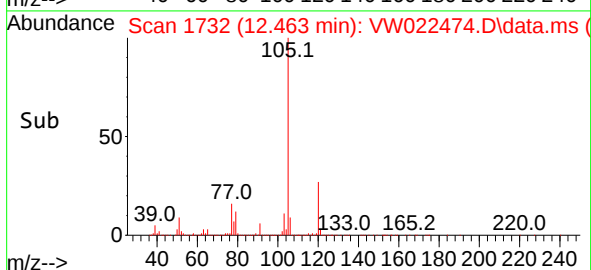
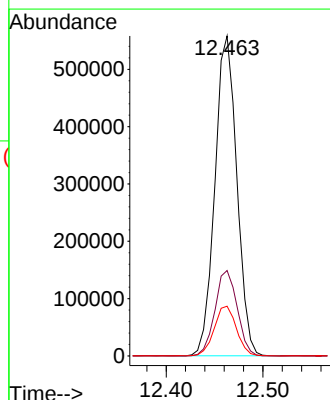
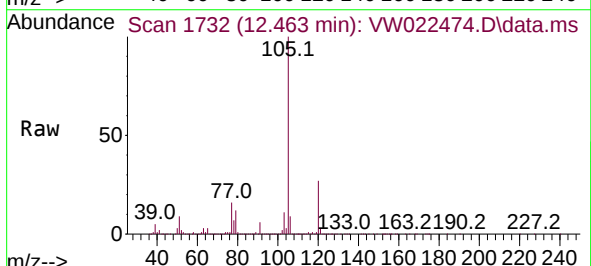
RT: 12.463 min Scan# 1732

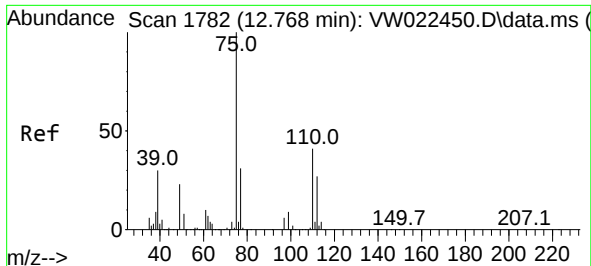
Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Tgt Ion:105	Resp:	877933
Ion Ratio	Lower	Upper
105	100	
120	27.2	20.9 31.3
77	15.8	13.7 20.5

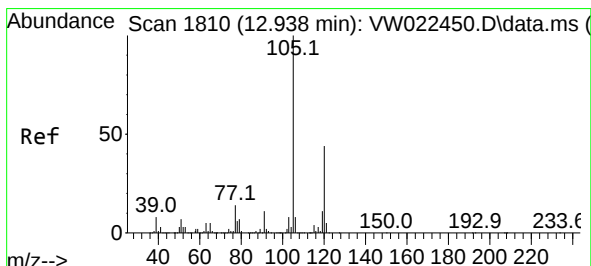
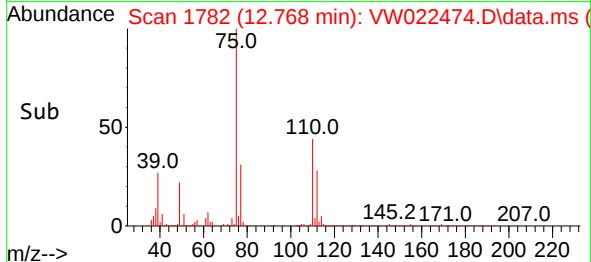
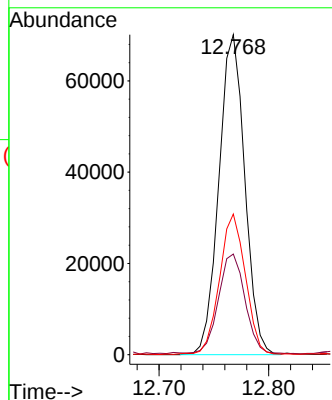
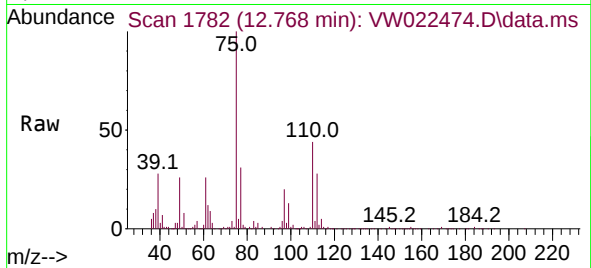




#61
1,2,3-Trichloropropane
Concen: 23.688 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

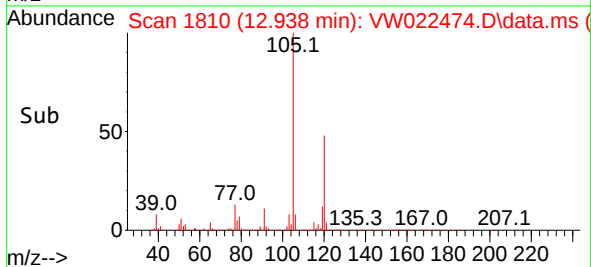
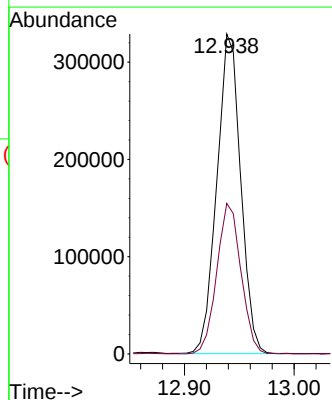
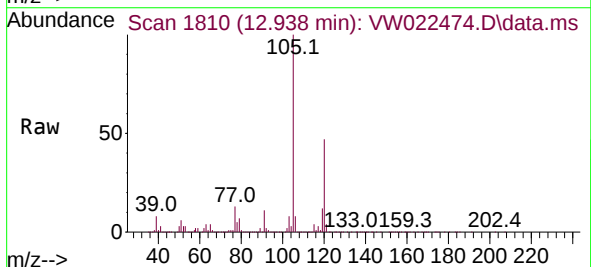
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

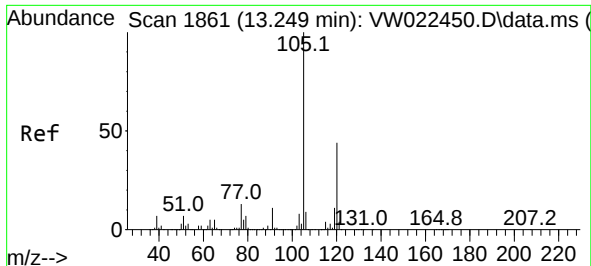
Tgt Ion: 75 Resp: 115121
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 43.3 31.8 47.6



#62
1,3,5-Trimethylbenzene
Concen: 23.795 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:105 Resp: 496635
Ion Ratio Lower Upper
105 100
120 47.8 37.5 56.3

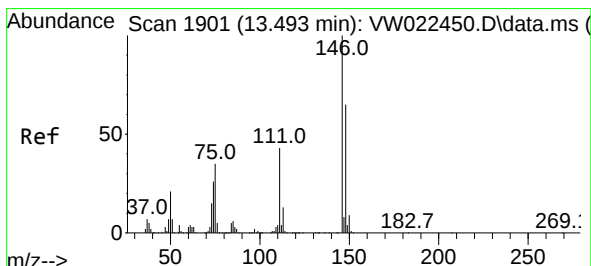
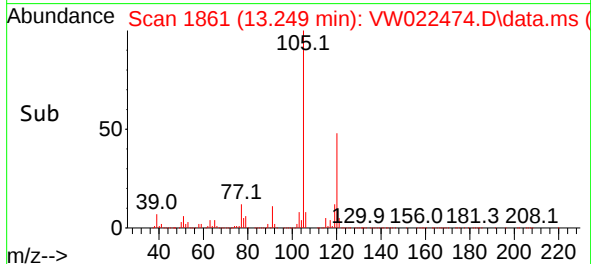
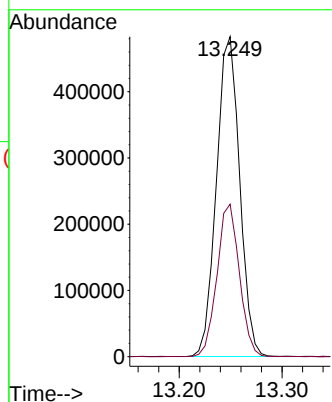
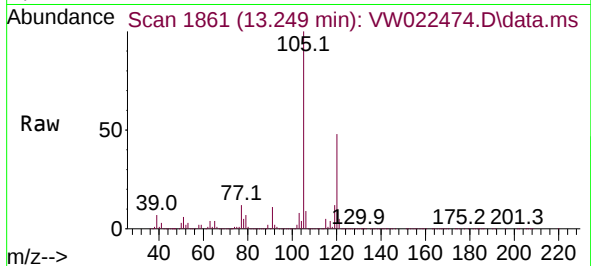




#63
1,2,4-Trimethylbenzene
Concen: 23.833 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

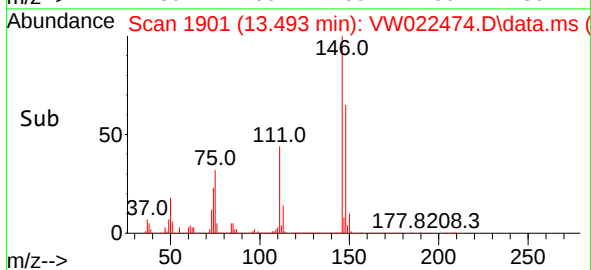
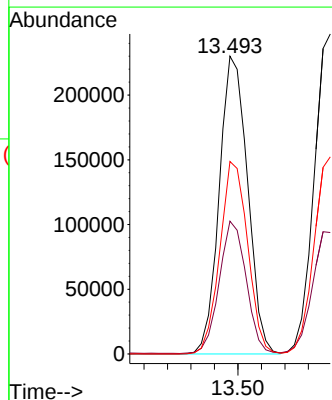
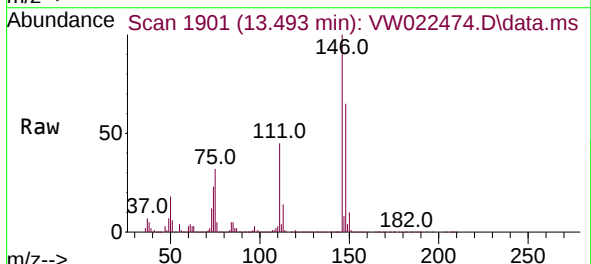
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

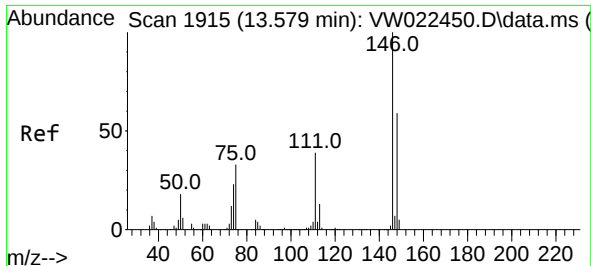
Tgt Ion:105 Resp: 756418
Ion Ratio Lower Upper
105 100
120 46.0 34.2 51.2



#64
1,3-Dichlorobenzene
Concen: 24.986 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:146 Resp: 384834
Ion Ratio Lower Upper
146 100
111 44.6 28.2 52.4
148 64.6 41.9 77.7

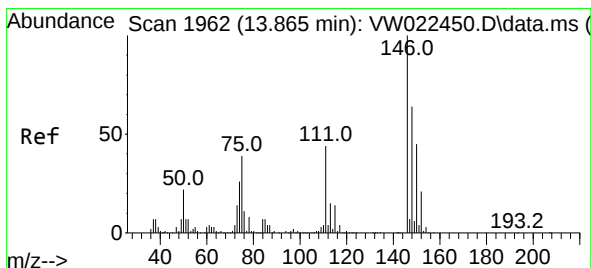
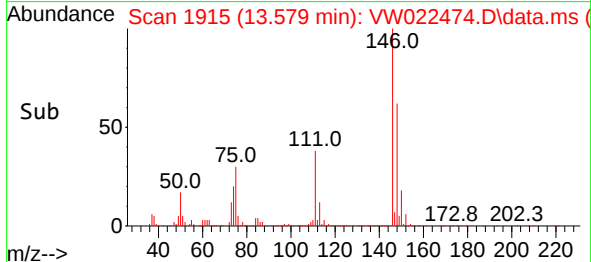
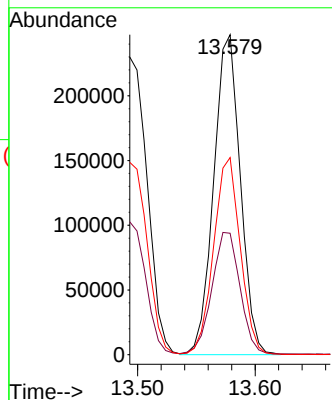
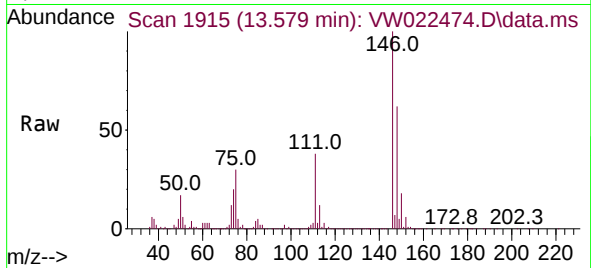




#65
1,4-Dichlorobenzene
Concen: 25.328 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

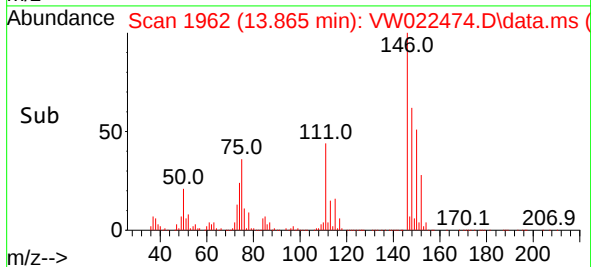
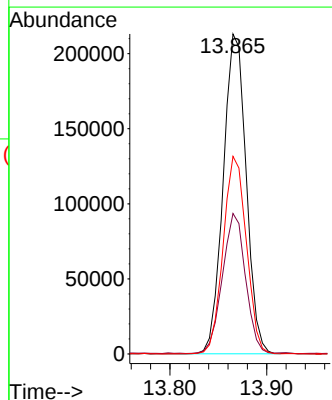
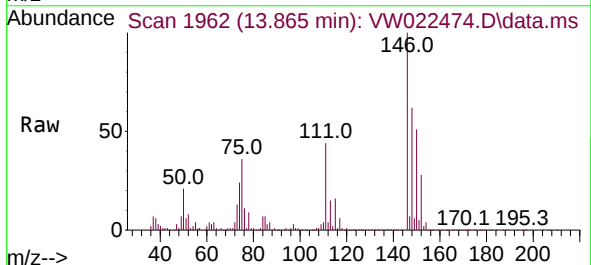
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

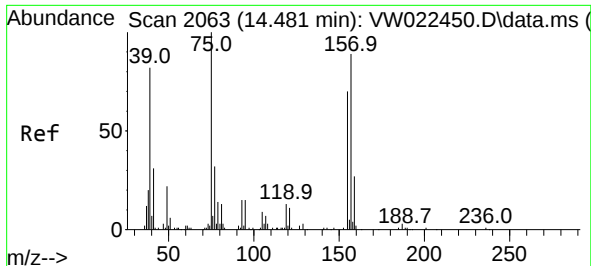
Tgt Ion:146 Resp: 389054
Ion Ratio Lower Upper
146 100
111 37.9 28.5 52.9
148 61.6 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 25.428 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022474.D
Acq: 08 Apr 2022 19:19

Tgt Ion:146 Resp: 350262
Ion Ratio Lower Upper
146 100
111 43.9 39.0 58.4
148 61.8 52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 24.836 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

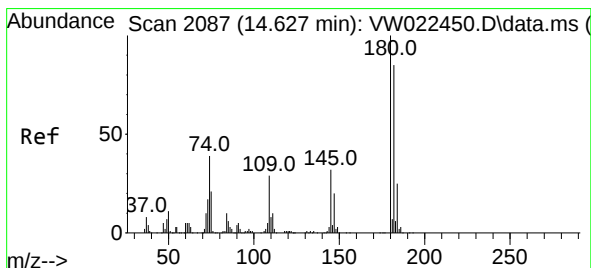
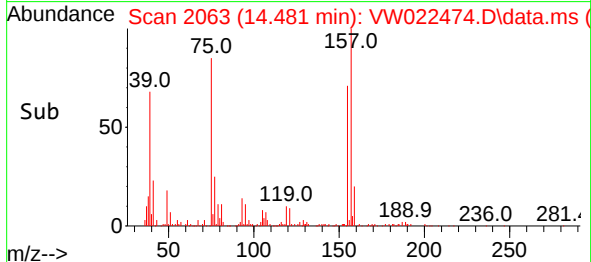
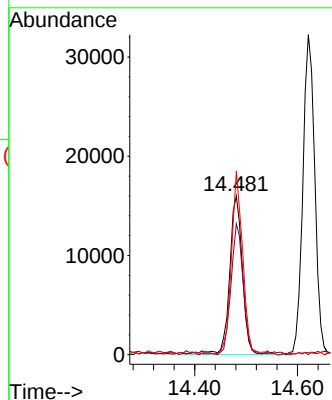
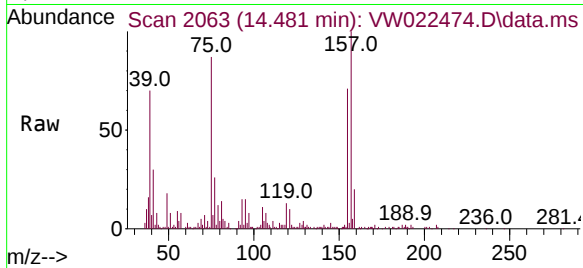
Tgt Ion: 75 Resp: 27993

Ion Ratio Lower Upper

75 100

155 82.5 55.6 83.4

157 115.4 69.8 104.6#



#69

1,3,5-Trichlorobenzene

Concen: 26.467 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Tgt Ion:180 Resp: 265968

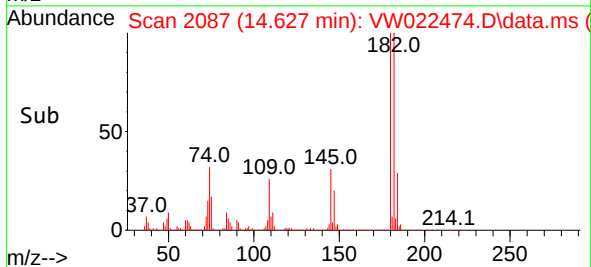
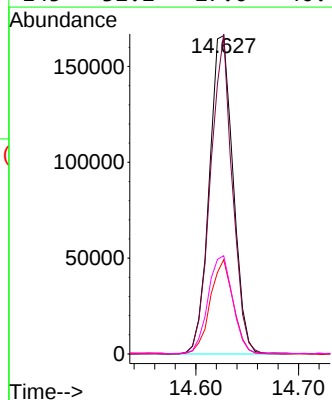
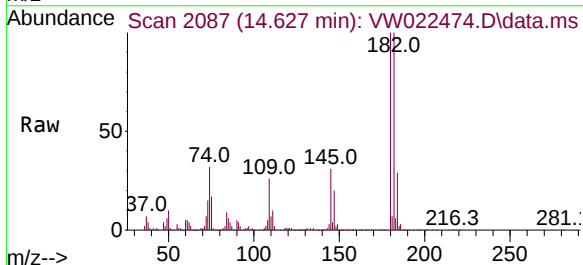
Ion Ratio Lower Upper

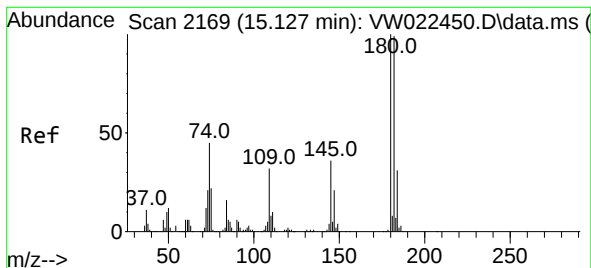
180 100

182 92.4 79.1 118.7

184 28.9 24.5 36.7

145 32.2 27.0 40.4





#70

1,2,4-trichlorobenzene

Concen: 27.126 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

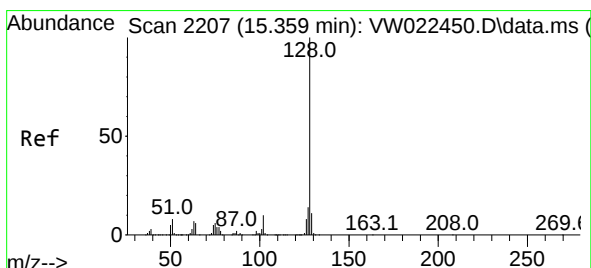
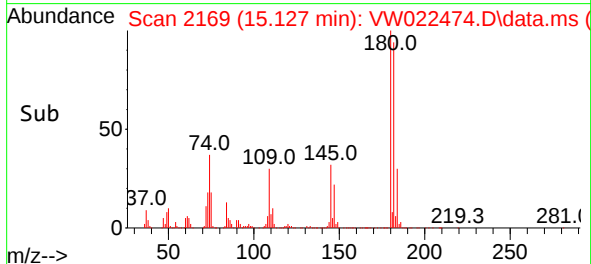
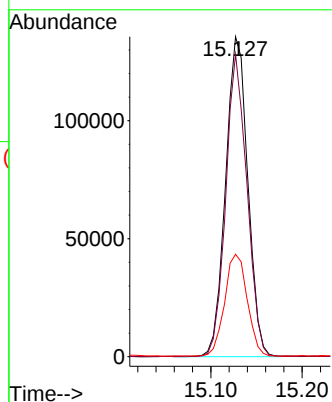
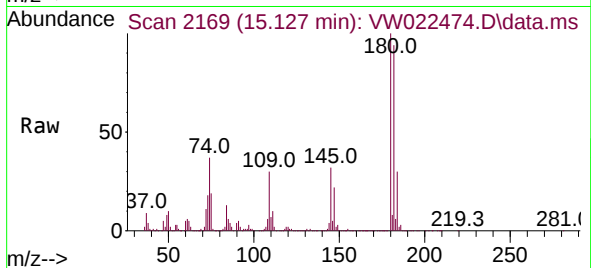
Tgt Ion:180 Resp: 228934

Ion Ratio Lower Upper

180 100

182 90.3 72.8 109.2

145 32.4 25.5 38.3



#71

Naphthalene

Concen: 28.429 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW022474.D

Acq: 08 Apr 2022 19:19

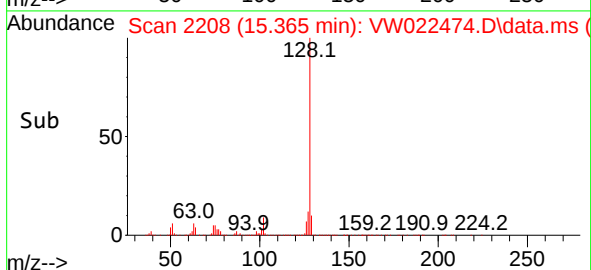
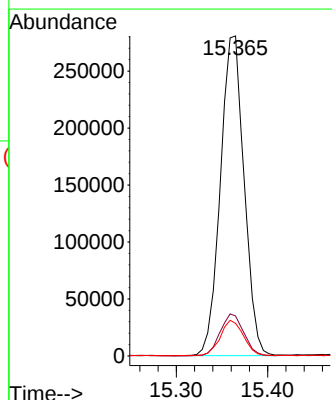
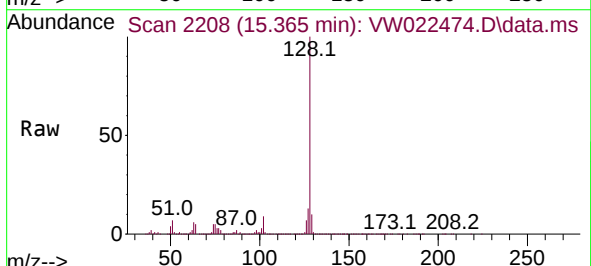
Tgt Ion:128 Resp: 506056

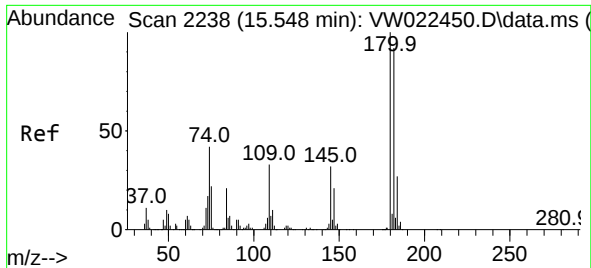
Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 27.027 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW022474.D
 Acq: 08 Apr 2022 19:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Tgt Ion:	180	Resp:	194970
Ion Ratio	Lower	Upper	
180	100		
182	95.0	73.4	110.0
145	35.9	27.0	40.6

