

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022496.D
 Acq On : 12 Apr 2022 10:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Apr 12 23:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	367855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	204037	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134724	16.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
7) Chloroethane-d5	2.885	69	99272	19.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	4.025	63	215060	20.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.000%
21) 2-Butanone-d5	7.074	46	77833	54.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
24) Chloroform-d	7.647	84	274628	23.725	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	154265	23.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.280%
32) Benzene-d6	8.269	84	475493	21.157	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.640%
36) 1,2-Dichloropropane-d6	9.274	67	149372	22.967	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.880%
41) Toluene-d8	10.323	98	464254	21.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.360%
43) trans-1,3-Dichloroprop...	10.573	79	68091	22.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.720%
47) 2-Hexanone-d5	10.920	63	66812	55.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.420%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	148339	26.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	183845	25.439	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35090	19.329	ug/L	97
3) Chloromethane	2.221	50	84195	18.602	ug/L	99
5) Vinyl chloride	2.361	62	199097	21.081	ug/L	96
6) Bromomethane	2.776	94	120926	21.063	ug/L	99
8) Chloroethane	2.922	64	93658	22.652	ug/L	98
9) Trichlorofluoromethane	3.257	101	93117	26.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	138711	24.983	ug/L	96
12) 1,1-Dichloroethene	4.044	96	126412	25.352	ug/L	81
13) Acetone	4.123	43	50681	52.078	ug/L	98
14) Carbon disulfide	4.385	76	359847	21.937	ug/L	99
15) Methyl Acetate	4.672	43	58675	24.026	ug/L	98
16) Methylene chloride	4.922	84	135011	24.228	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	144381	24.718	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	243643	25.540	ug/L	96
19) 1,1-Dichloroethane	6.214	63	250574	23.510	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	157667	25.557	ug/L #	87
22) 2-Butanone	7.165	43	77286	52.582	ug/L	94
23) Bromochloromethane	7.513	128	72400	27.269	ug/L	90
25) Chloroform	7.671	83	278948	24.849	ug/L	98

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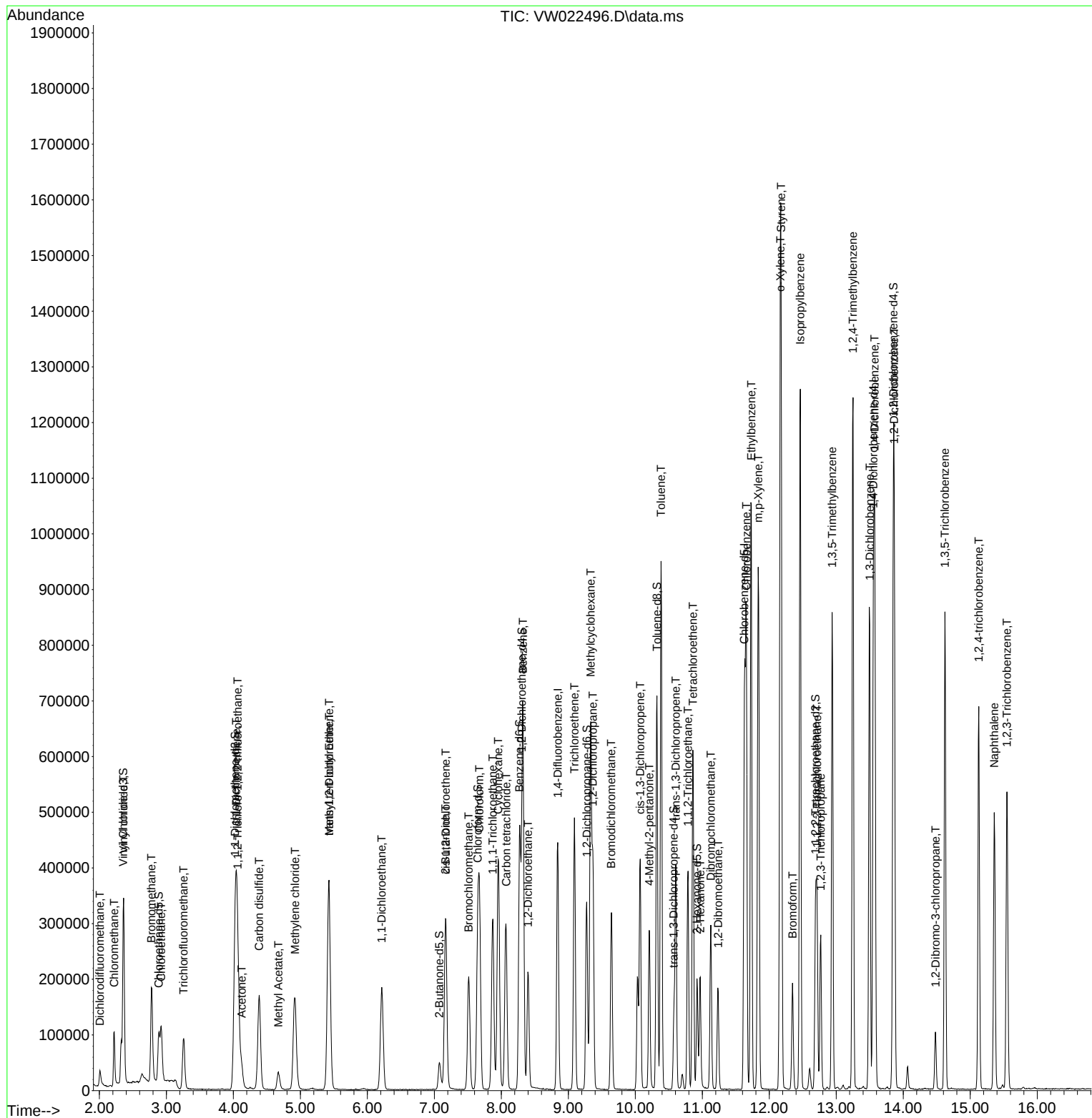
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	188212	23.855	ug/L #	95
29) Cyclohexane	7.952	56	228280	21.682	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	241547	23.671	ug/L	98
31) Carbon tetrachloride	8.073	117	221333	24.167	ug/L	99
33) Benzene	8.323	78	581306	23.276	ug/L	100
34) Trichloroethene	9.092	95	163434	24.440	ug/L	98
35) Methylcyclohexane	9.335	83	275927	22.998	ug/L	95
37) 1,2-Dichloropropane	9.366	63	138612	23.167	ug/L	99
38) Bromodichloromethane	9.640	83	207471	24.113	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	231438	24.377	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	181499	49.707	ug/L	96
42) Toluene	10.384	91	665622	23.258	ug/L	90
44) trans-1,3-Dichloropropene	10.603	75	205912	24.222	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	117591	25.752	ug/L	97
46) Tetrachloroethene	10.860	164	120075	24.428	ug/L	97
48) 2-Hexanone	10.969	43	129140	50.132	ug/L	97
49) Dibromochloromethane	11.128	129	145768	26.767	ug/L	96
50) 1,2-Dibromoethane	11.237	107	117190	25.990	ug/L	96
51) Chlorobenzene	11.658	112	433196	24.770	ug/L	93
52) Ethylbenzene	11.731	91	757950	23.628	ug/L	98
53) m,p-Xylene	11.835	106	299218	24.532	ug/L	95
54) o-Xylene	12.164	106	288606	24.761	ug/L	96
55) Styrene	12.176	104	491278	24.671	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	147004	26.229	ug/L	99
59) Bromoform	12.347	173	76500	25.232	ug/L	99
60) Isopropylbenzene	12.463	105	815180	24.051	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	106253	24.481	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	457166	24.526	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	679878	23.986	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	339133	24.654	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	334504	24.383	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	306932	24.950	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	23844	23.687	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.621	180	230812	25.717	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	191492	25.405	ug/L	96
71) Naphthalene	15.359	128	420168	26.429	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	161358	25.045	ug/L	95

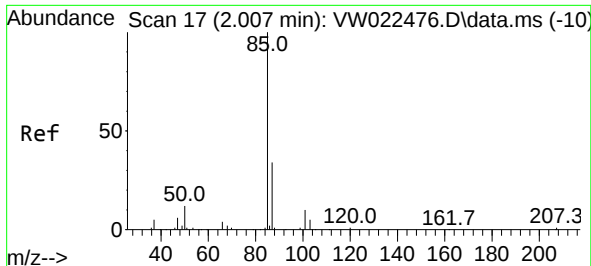
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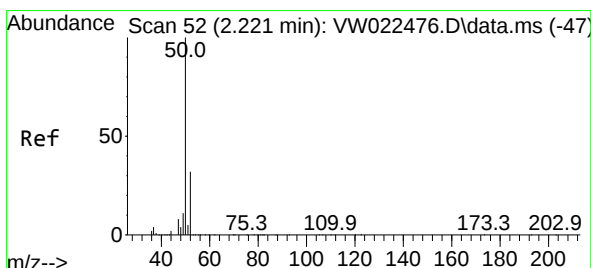
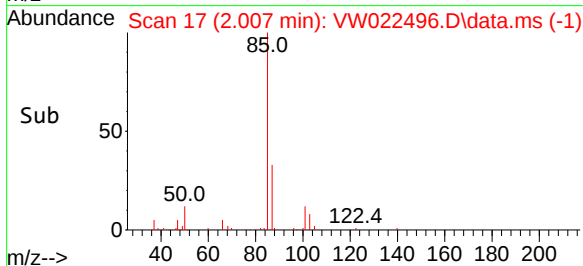
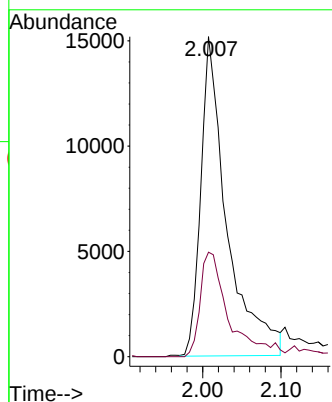
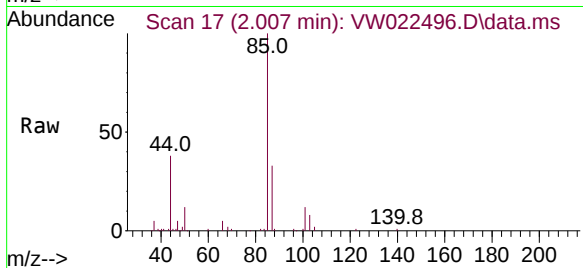




#2
 Dichlorodifluoromethane
 Concen: 19.329 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

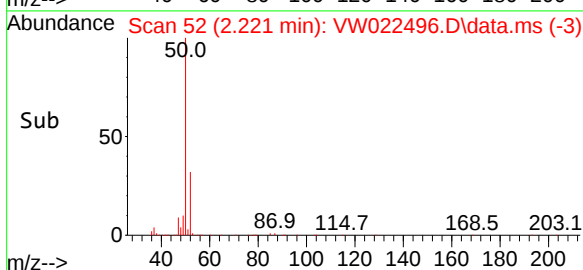
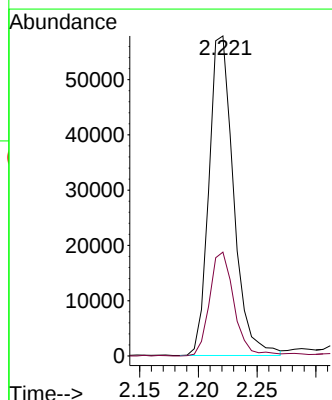
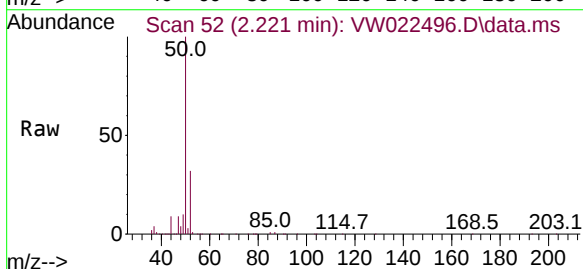
Instrument :
 MSVOA_W
 ClientSampleId :
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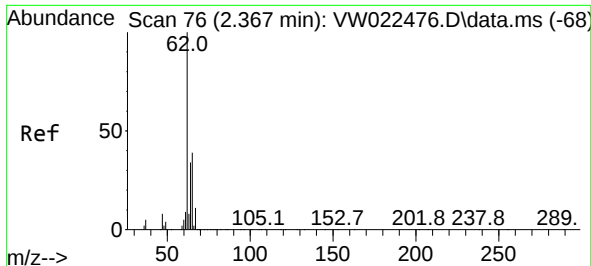
Tgt Ion: 85 Resp: 35090
 Ion Ratio Lower Upper
 85 100
 87 28.0 23.7 35.5



#3
 Chloromethane
 Concen: 18.602 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

Tgt Ion: 50 Resp: 84195
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.0 42.6

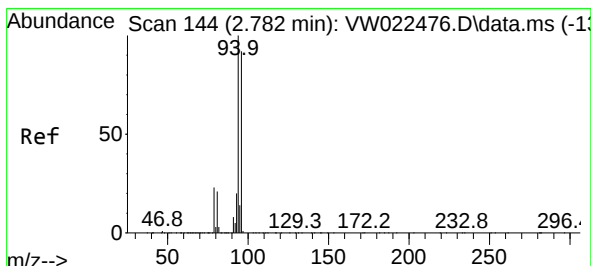
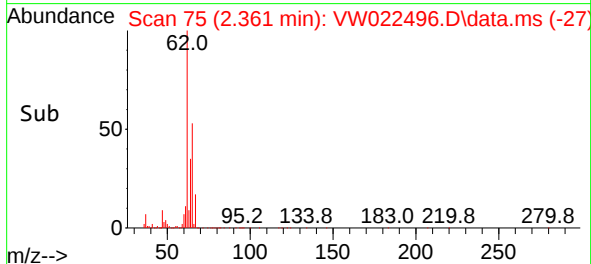
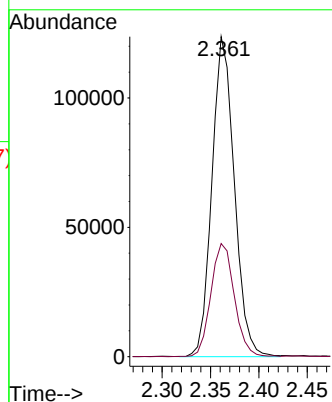
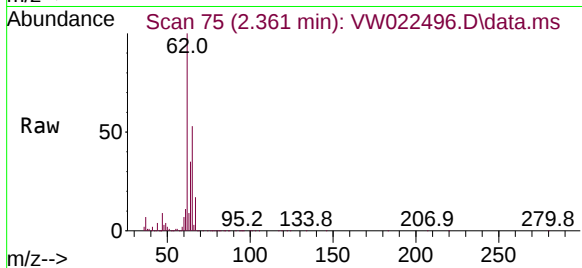




#5
 Vinyl chloride
 Concen: 21.081 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

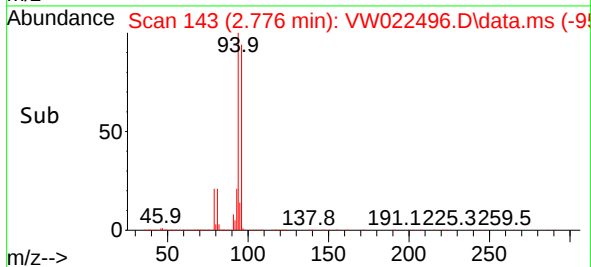
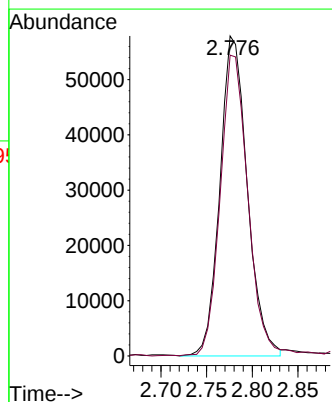
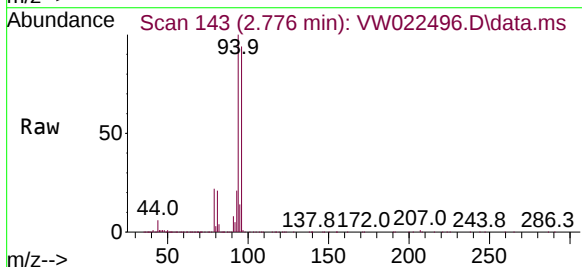
Instrument :
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 ClientSampleId :
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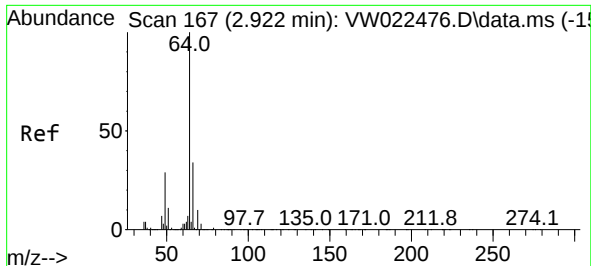
Tgt Ion: 62 Resp: 199097
 Ion Ratio Lower Upper
 62 100
 64 35.3 26.5 49.3



#6
 Bromomethane
 Concen: 21.063 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

Tgt Ion: 94 Resp: 120926
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.6 123.6

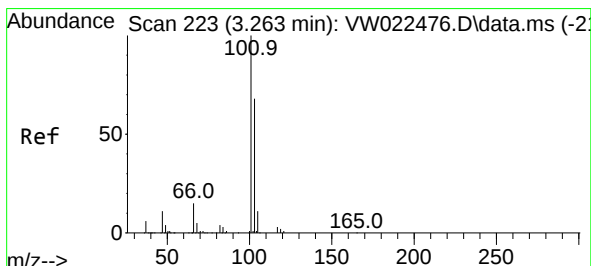
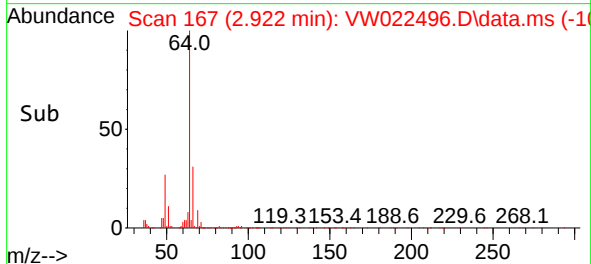
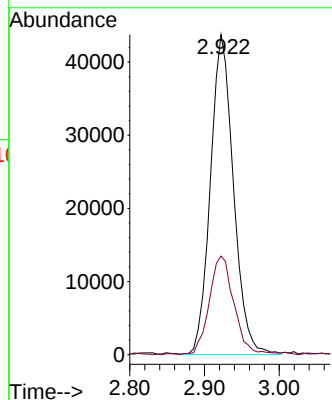
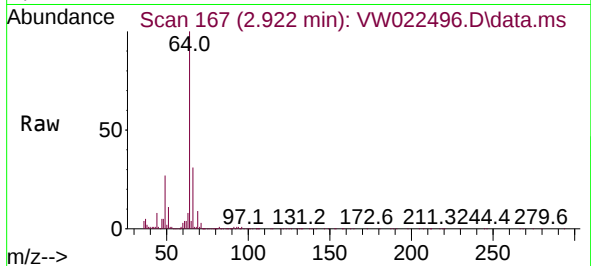




#8
Chloroethane
Concen: 22.652 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

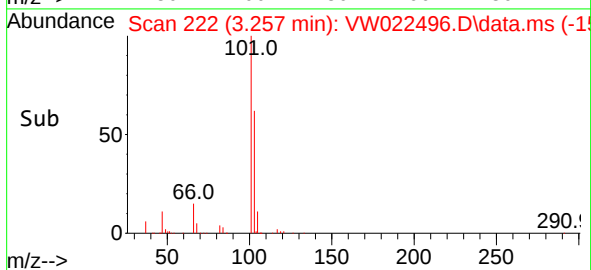
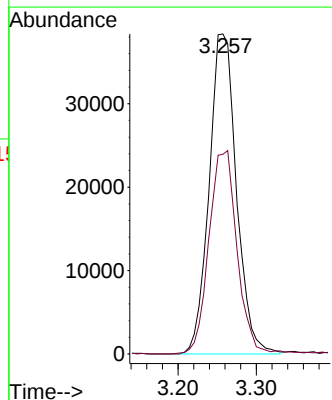
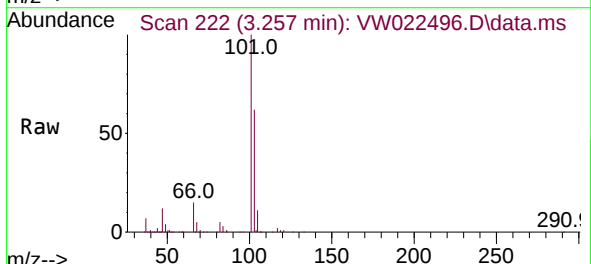
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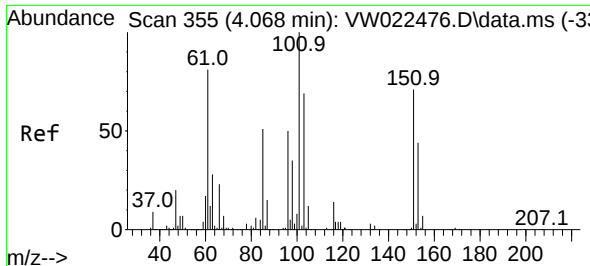
Tgt Ion: 64 Resp: 93658
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 26.706 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 101 Resp: 93117
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

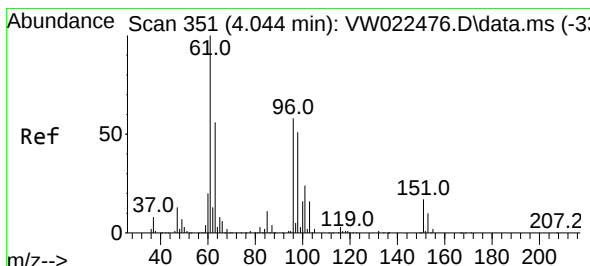
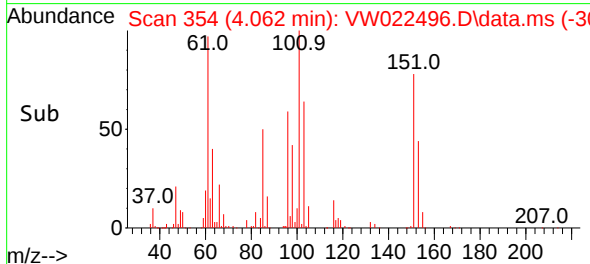
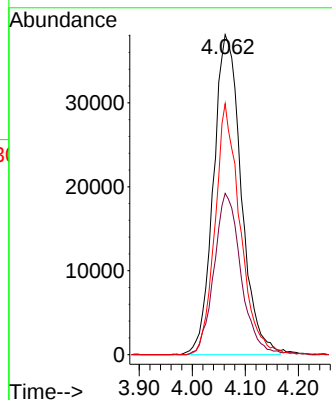
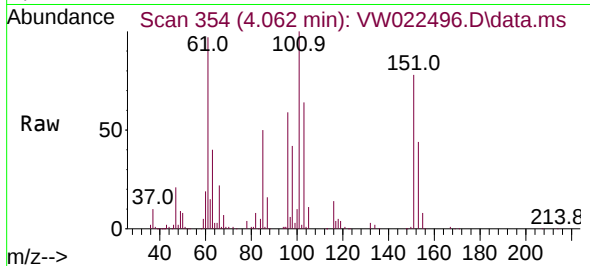




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.983 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

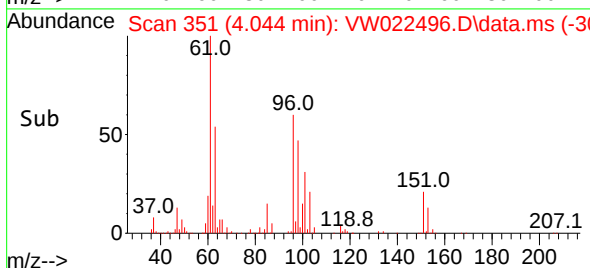
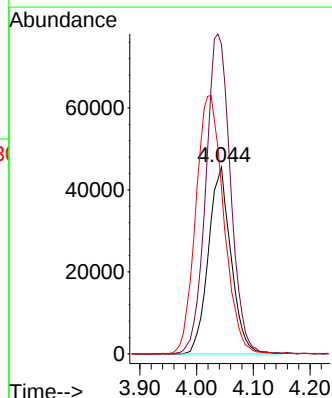
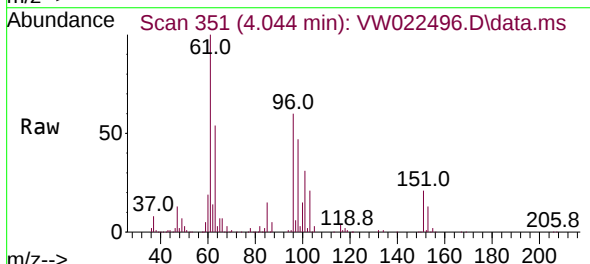
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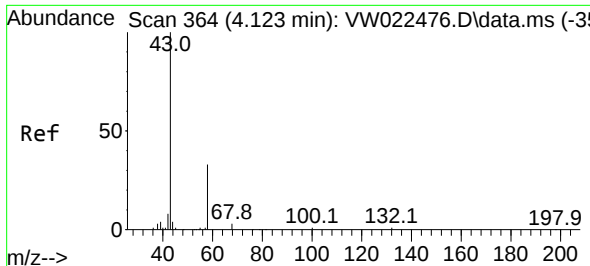
Tgt Ion:101 Resp: 138711
 Ion Ratio Lower Upper
 101 100
 85 48.7 39.2 58.8
 151 70.8 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 25.352 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

Tgt Ion: 96 Resp: 126412
 Ion Ratio Lower Upper
 96 100
 61 165.7 128.0 237.6
 63 89.1 86.6 160.8





#13

Acetone

Concen: 52.078 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

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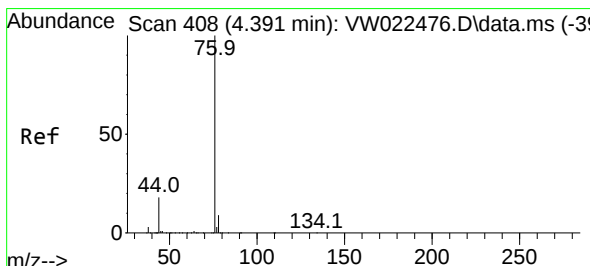
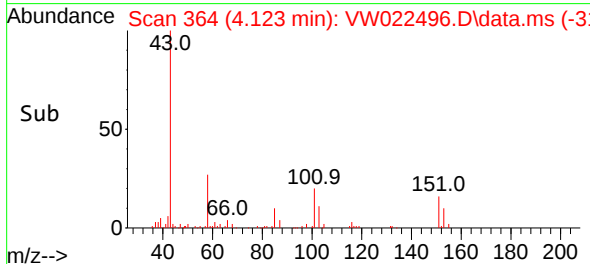
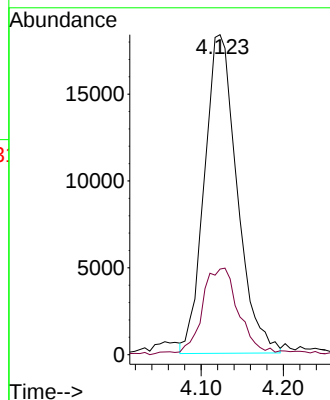
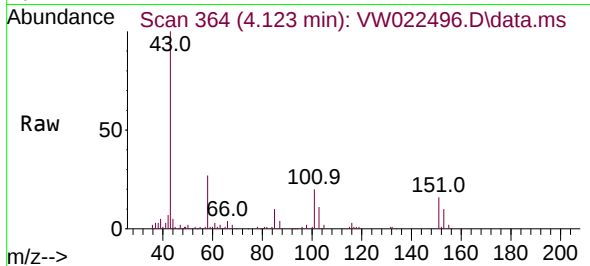
VSTD025482

Tgt Ion: 43 Resp: 50681

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.0



#14

Carbon disulfide

Concen: 21.937 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

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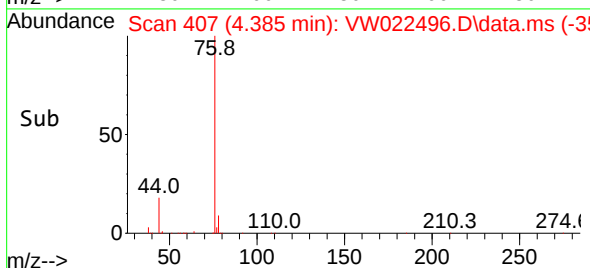
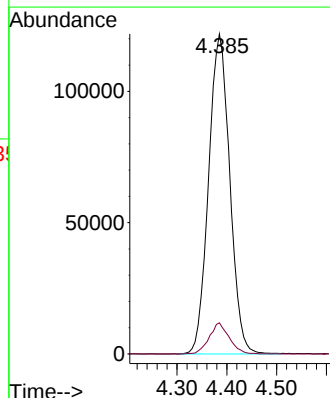
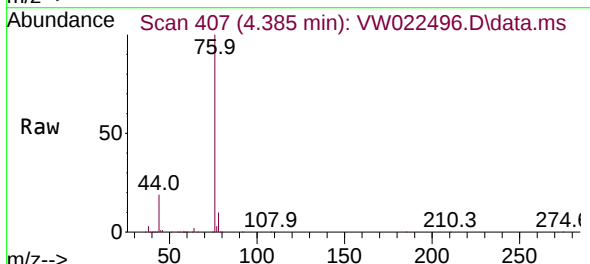
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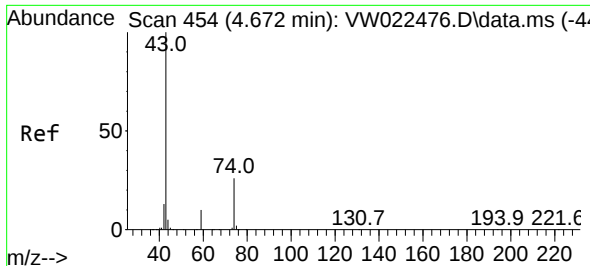
Tgt Ion: 76 Resp: 359847

Ion Ratio Lower Upper

76 100

78 9.7 7.6 11.4

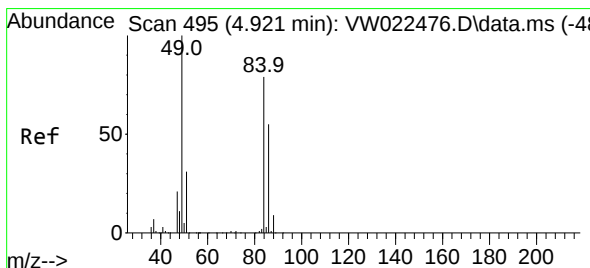
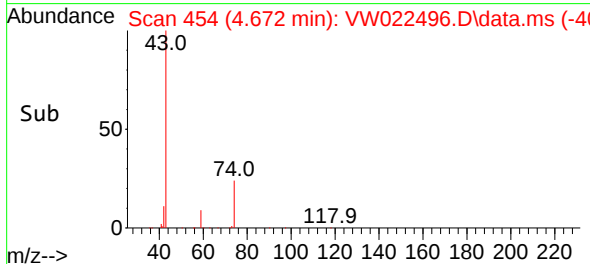
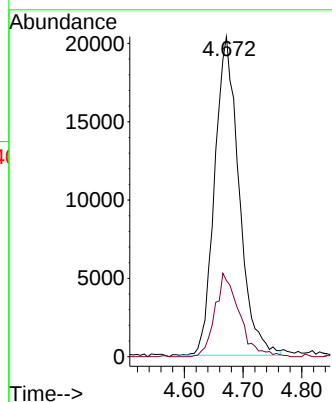
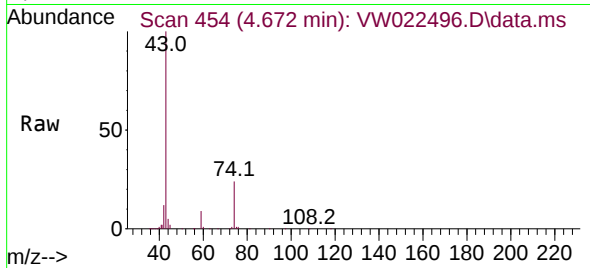




#15
Methyl Acetate
Concen: 24.026 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

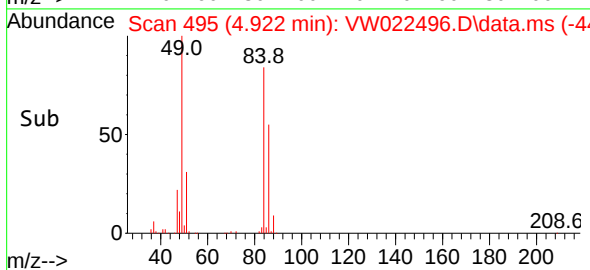
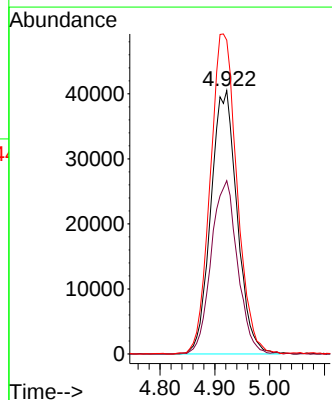
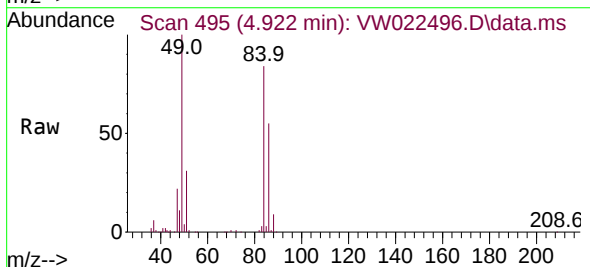
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

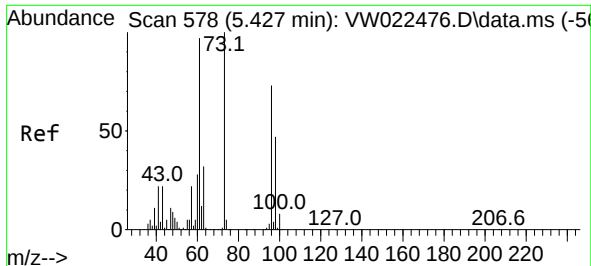
Tgt Ion: 43 Resp: 58675
Ion Ratio Lower Upper
43 100
74 24.0 18.5 27.7



#16
Methylene chloride
Concen: 24.228 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 84 Resp: 135011
Ion Ratio Lower Upper
84 100
86 65.8 42.8 79.4
49 119.2 94.2 175.0

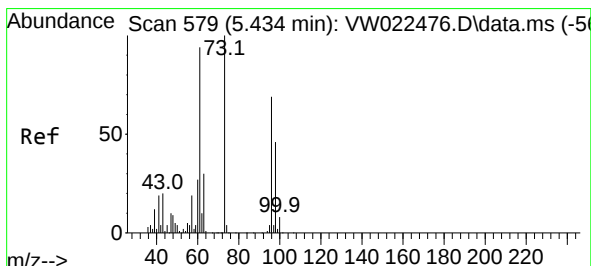
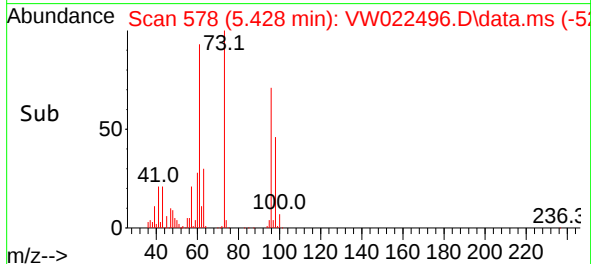
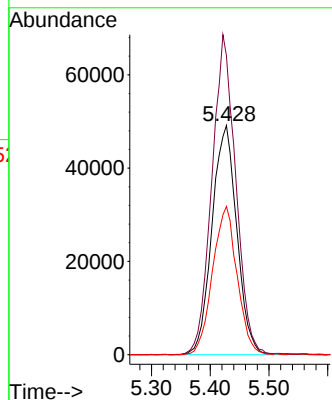
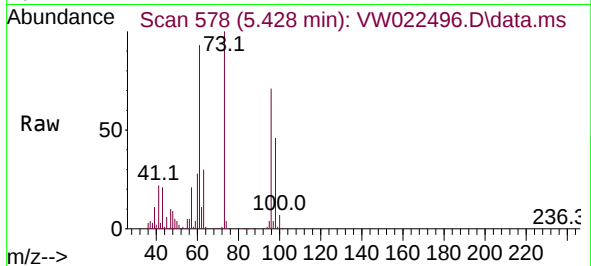




#17
trans-1,2-Dichloroethene
Concen: 24.718 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

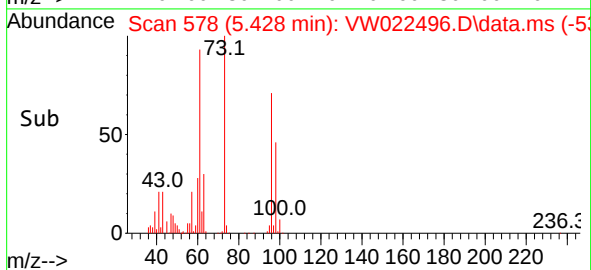
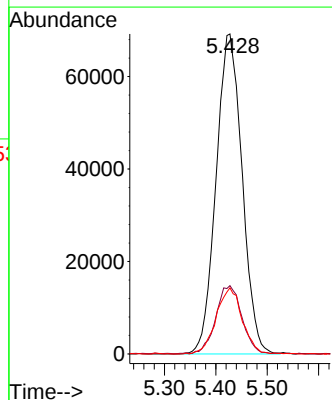
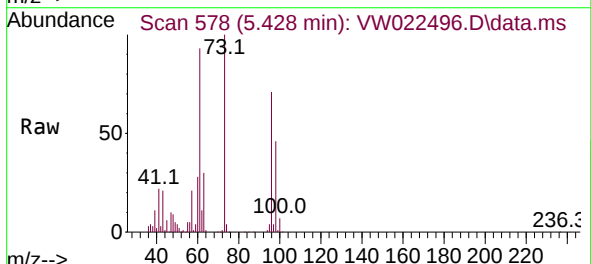
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

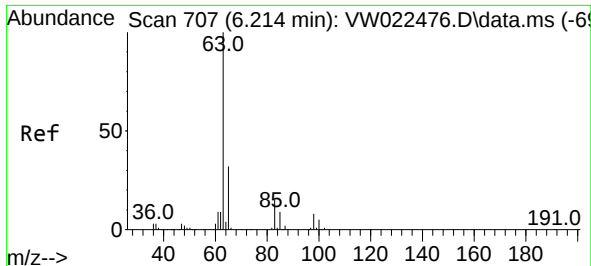
Tgt Ion: 96 Resp: 144381
Ion Ratio Lower Upper
96 100
61 130.4 99.8 185.4
98 64.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.540 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 73 Resp: 243643
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 20.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.510 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

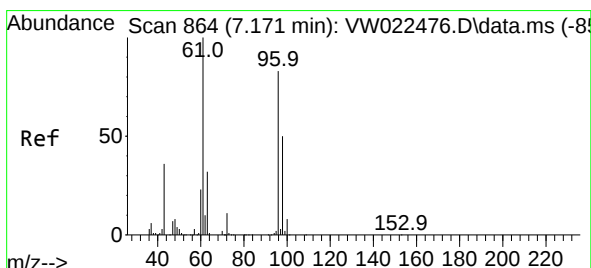
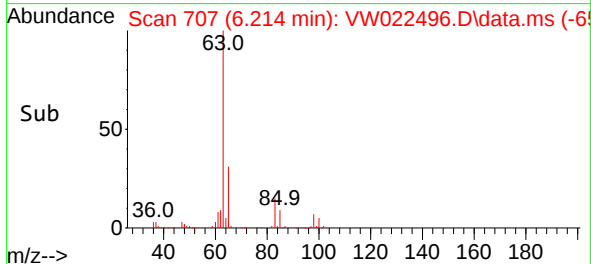
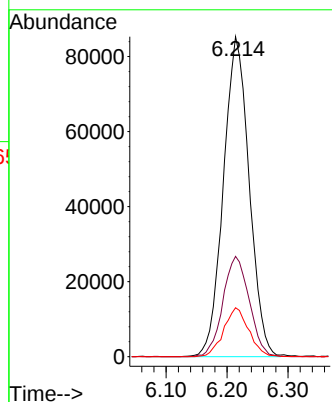
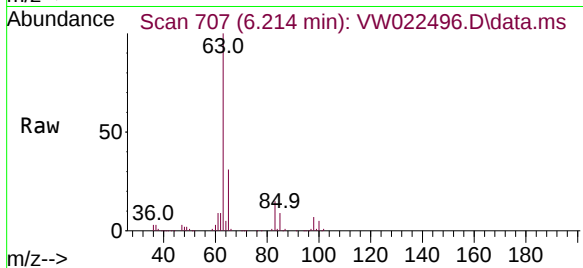
Tgt Ion: 63 Resp: 250574

Ion Ratio Lower Upper

63 100

65 31.4 21.1 39.3

83 15.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.557 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

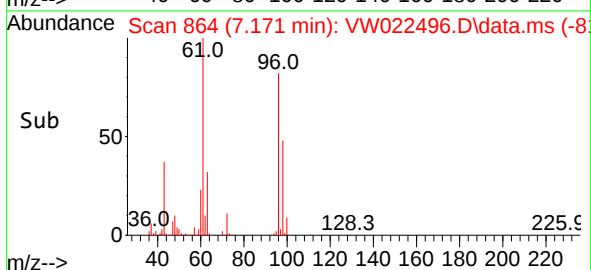
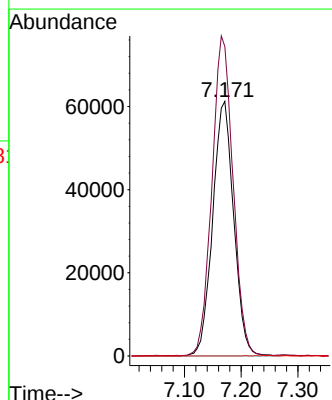
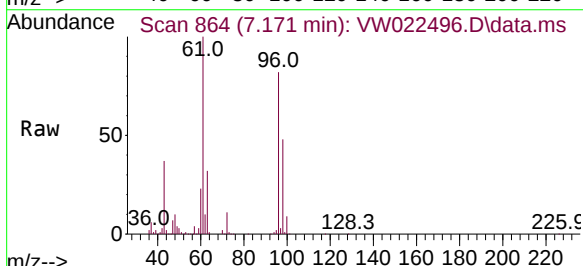
Tgt Ion: 96 Resp: 157667

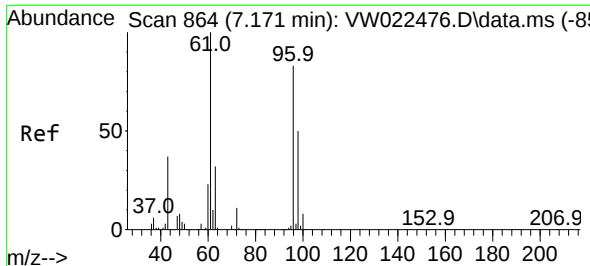
Ion Ratio Lower Upper

96 100

61 121.6 96.4 179.0

68 0.0 0.1 0.3

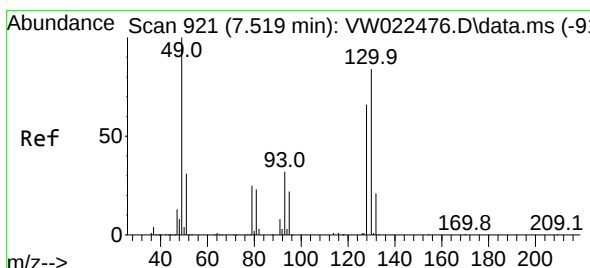
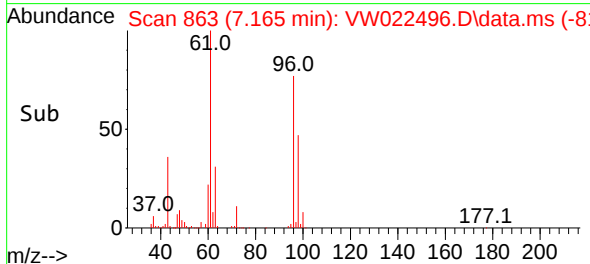
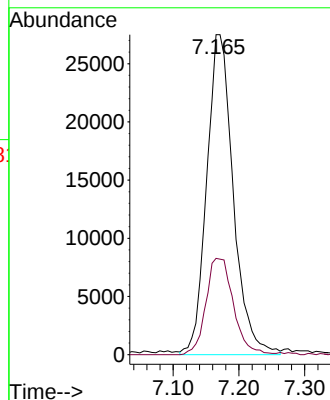
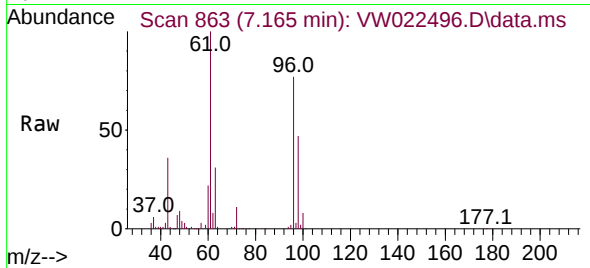




#22
2-Butanone
Concen: 52.582 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

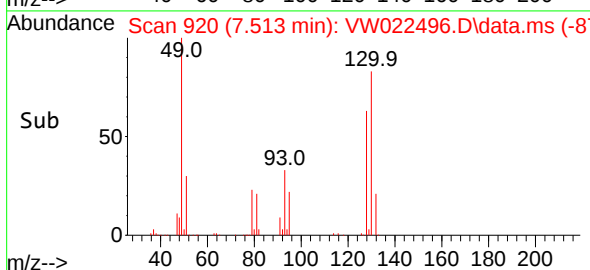
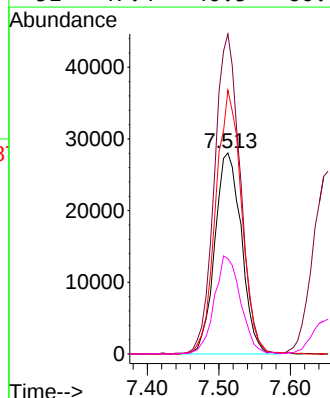
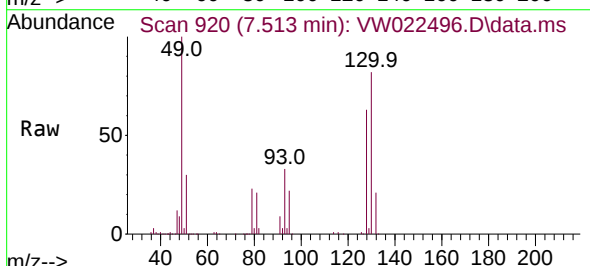
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

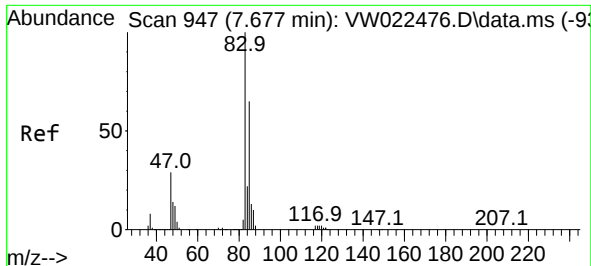
Tgt Ion: 43 Resp: 77286
Ion Ratio Lower Upper
43 100
72 31.0 14.0 42.0



#23
Bromochloromethane
Concen: 27.269 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 128 Resp: 72400
Ion Ratio Lower Upper
128 100
49 159.2 120.8 224.3
130 131.3 81.8 151.8
51 47.4 40.5 60.7

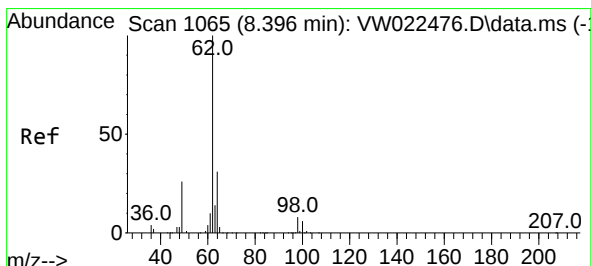
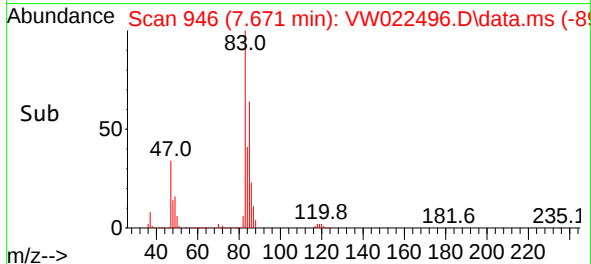
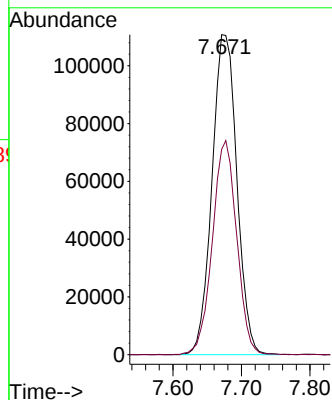
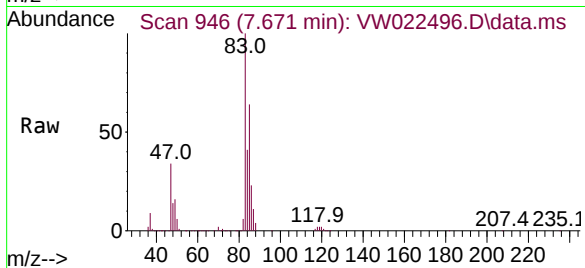




#25
Chloroform
Concen: 24.849 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

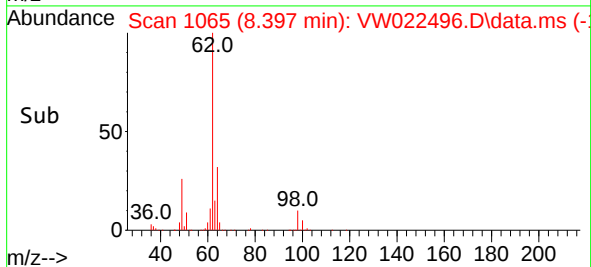
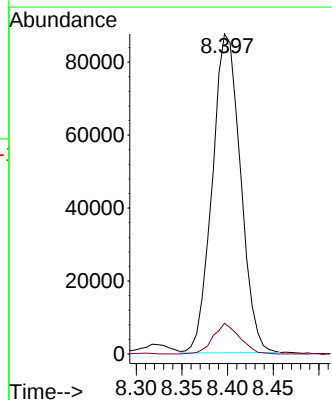
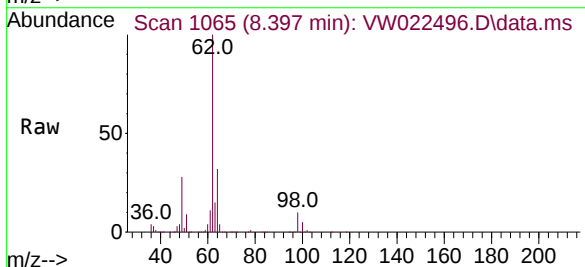
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

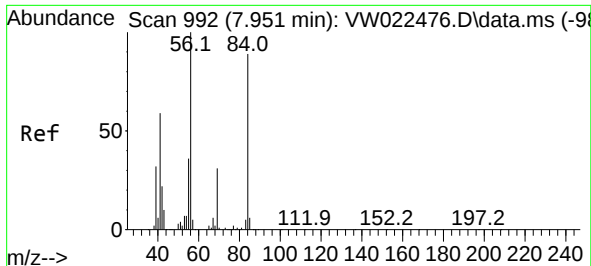
Tgt Ion: 83 Resp: 278948
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.0



#27
1,2-Dichloroethane
Concen: 23.855 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 62 Resp: 188212
Ion Ratio Lower Upper
62 100
98 9.6 6.2 9.2#





#29

Cyclohexane

Concen: 21.682 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

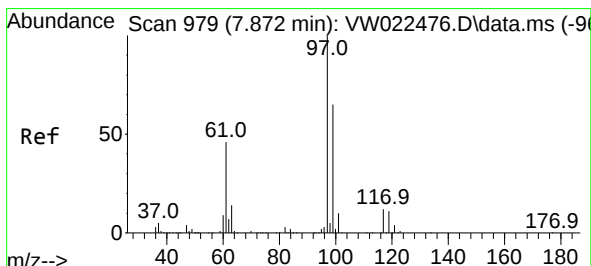
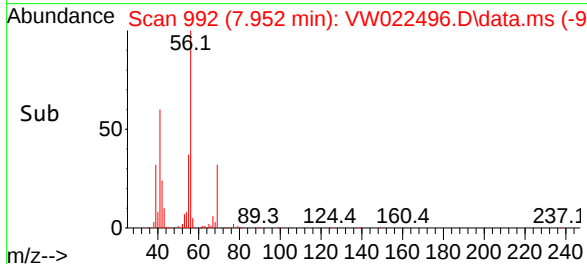
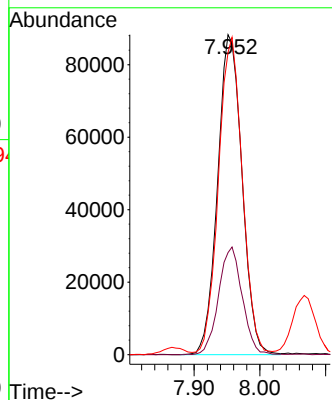
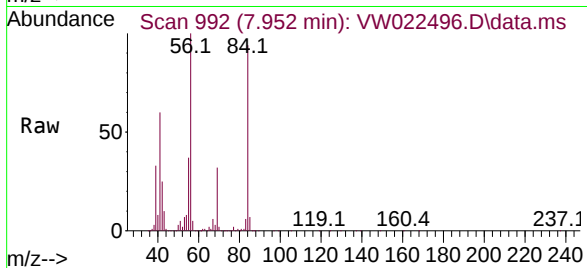
MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion: 56 Resp: 228280

Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.4	36.6
84	97.0	72.6	108.8



#30

1,1,1-Trichloroethane

Concen: 23.671 ug/L

RT: 7.872 min Scan# 979

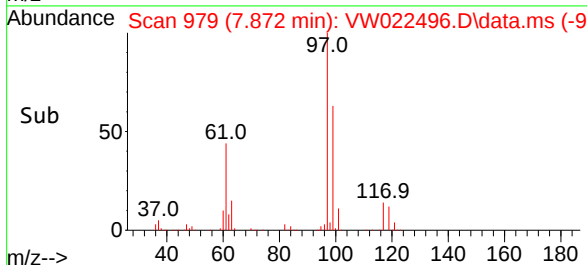
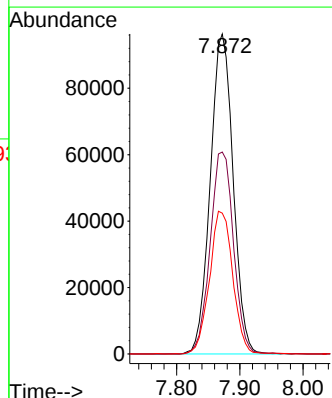
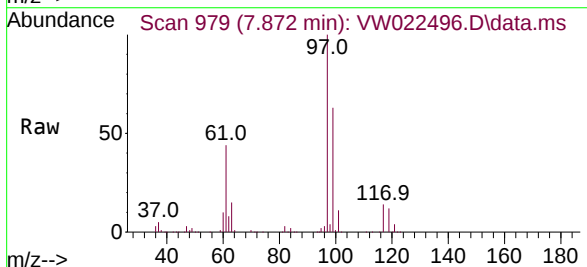
Delta R.T. 0.000 min

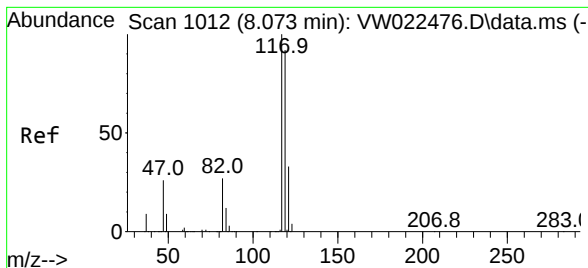
Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Tgt Ion: 97 Resp: 241547

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	45.4	38.7	58.1

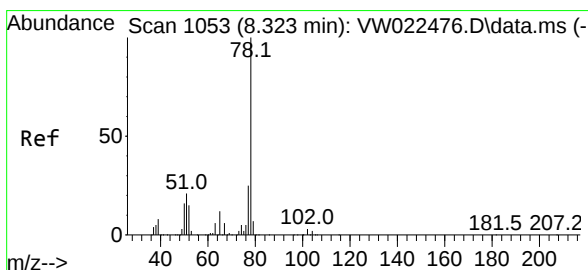
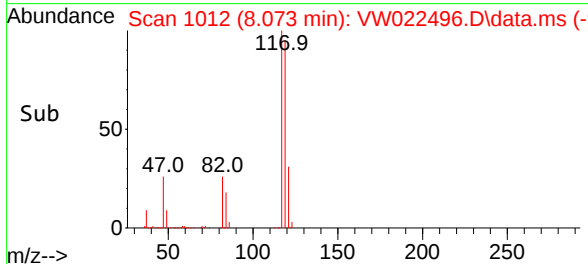
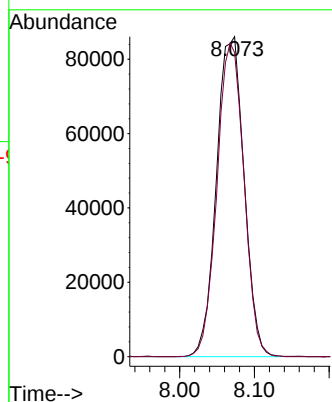
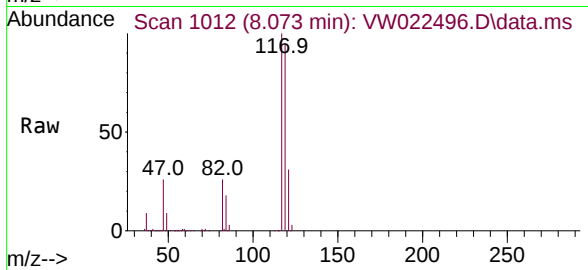




#31
Carbon tetrachloride
Concen: 24.167 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

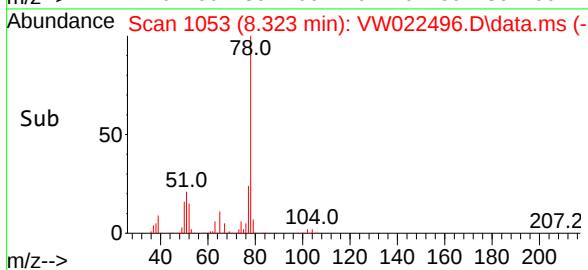
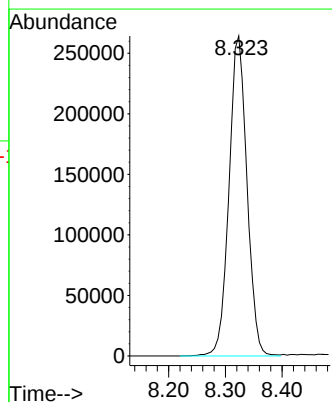
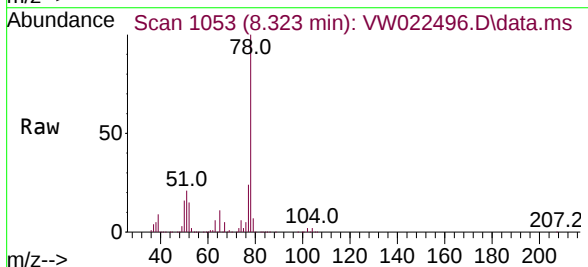
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

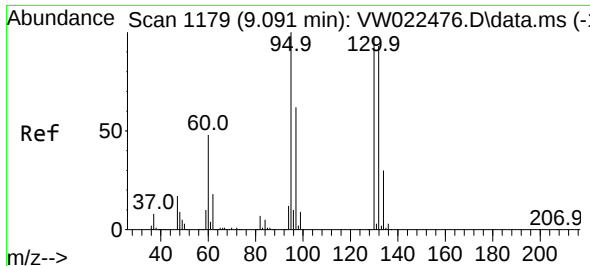
Tgt Ion:117 Resp: 221333
Ion Ratio Lower Upper
117 100
119 95.4 75.5 113.3



#33
Benzene
Concen: 23.276 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 78 Resp: 581306

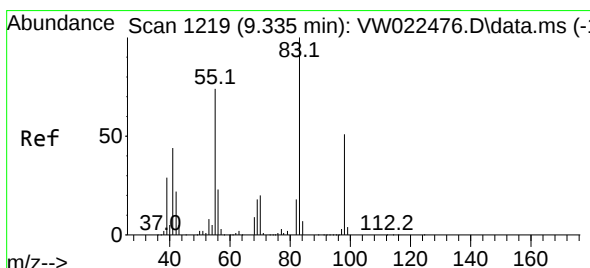
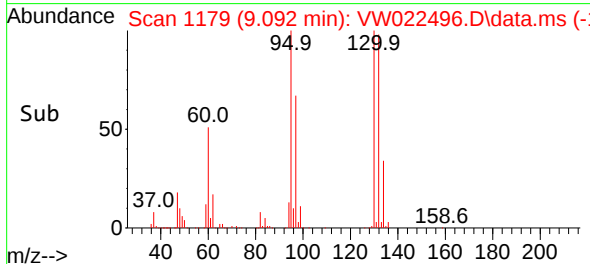
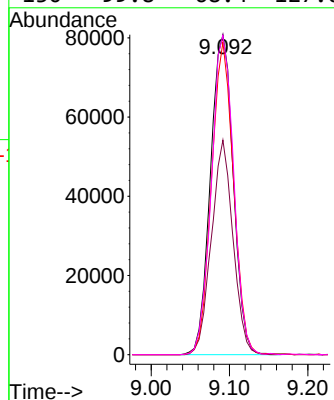
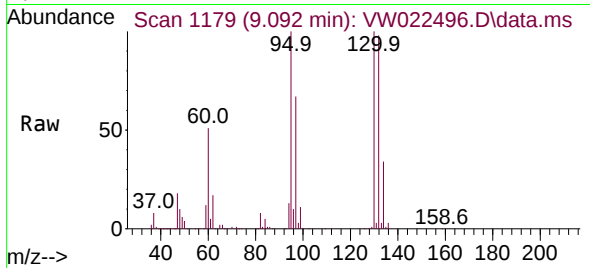




#34
Trichloroethene
Concen: 24.440 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

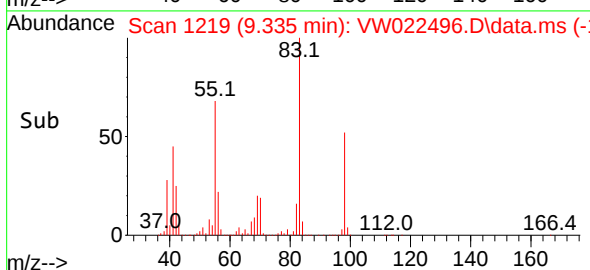
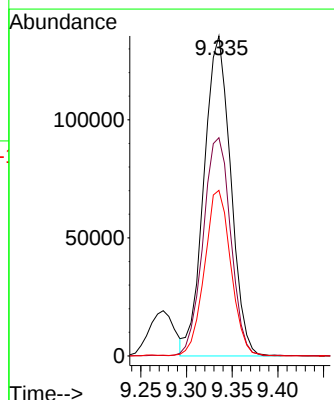
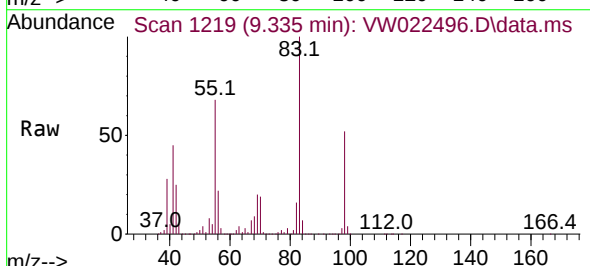
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

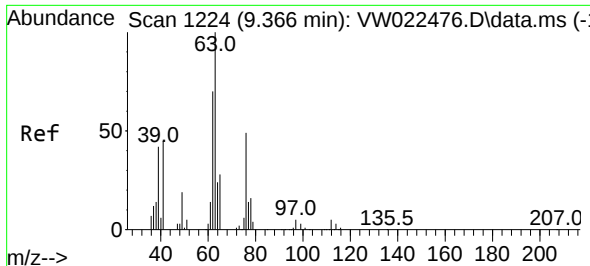
Tgt Ion: 95 Resp: 163434
Ion Ratio Lower Upper
95 100
97 67.0 46.4 86.2
132 97.7 67.4 125.2
130 99.8 68.4 127.0



#35
Methylcyclohexane
Concen: 22.998 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 83 Resp: 275927
Ion Ratio Lower Upper
83 100
55 70.2 61.0 91.6
98 51.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.167 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

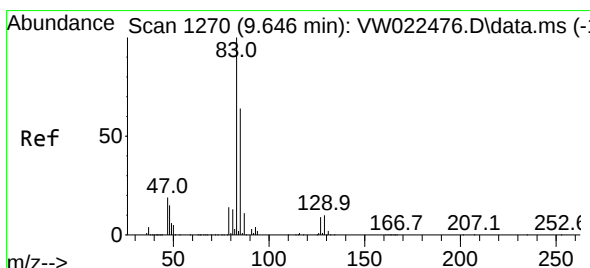
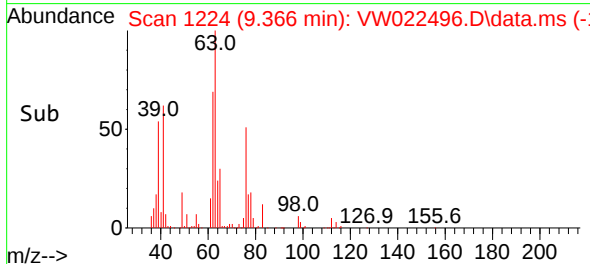
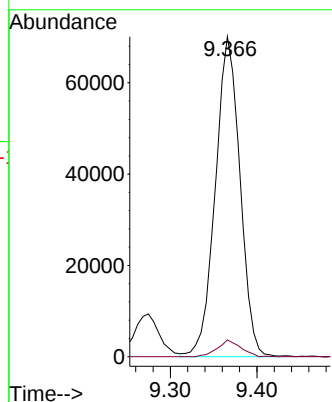
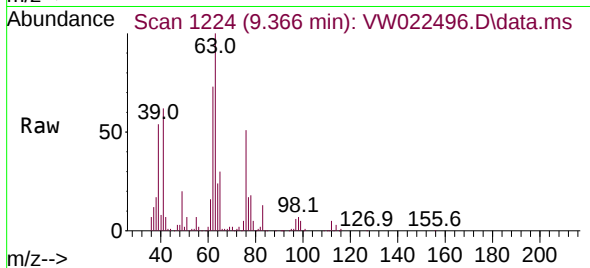
VSTD025482

Tgt Ion: 63 Resp: 138612

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 24.113 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

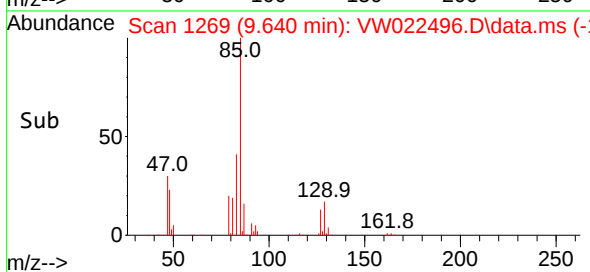
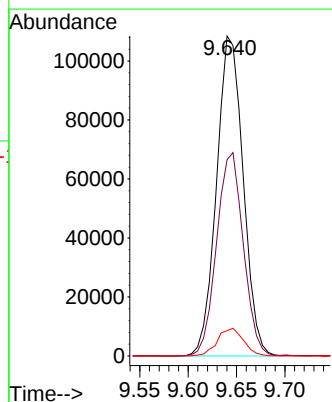
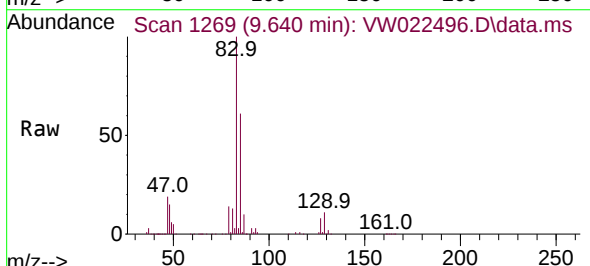
Tgt Ion: 83 Resp: 207471

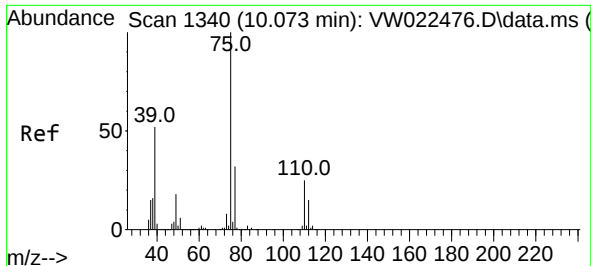
Ion Ratio Lower Upper

83 100

85 61.3 45.2 84.0

127 7.9 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 24.377 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

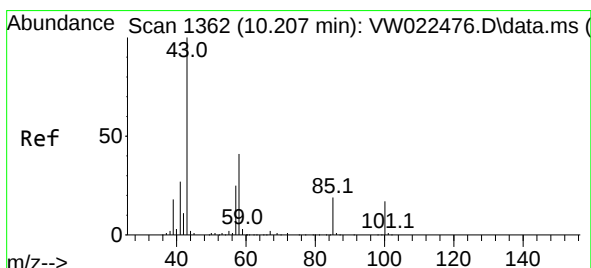
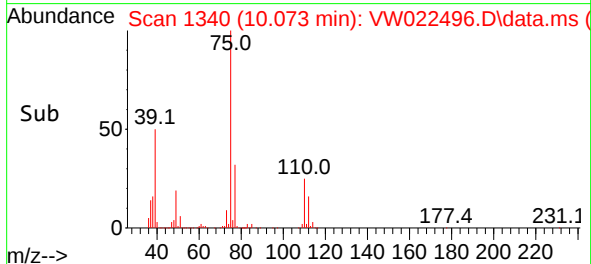
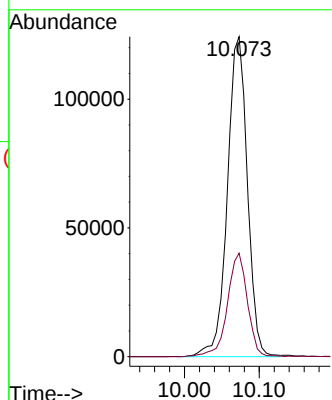
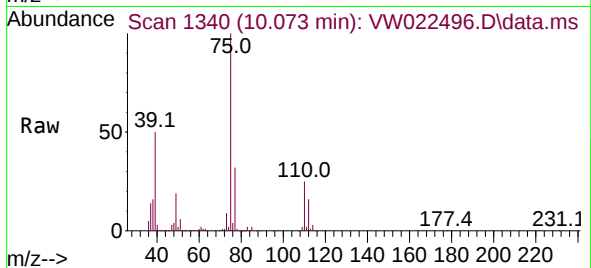
VSTD025482

Tgt Ion: 75 Resp: 231438

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.707 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

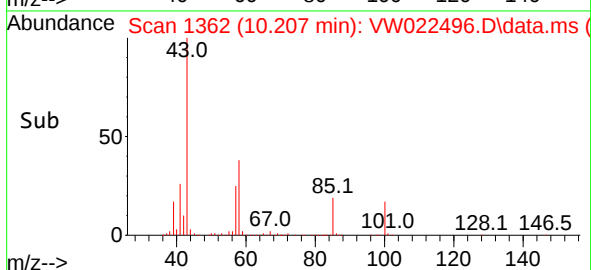
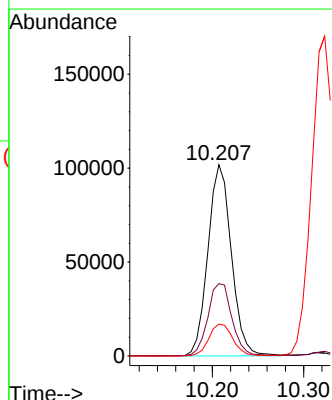
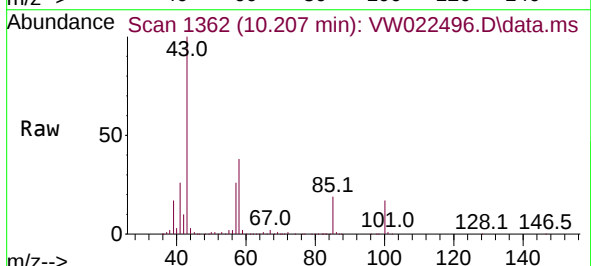
Tgt Ion: 43 Resp: 181499

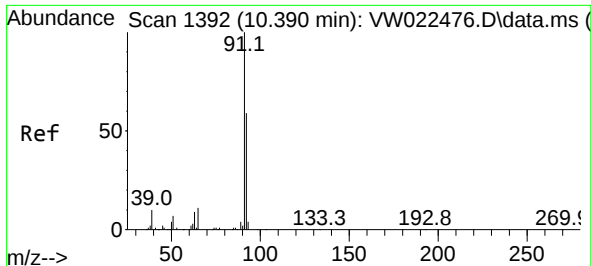
Ion Ratio Lower Upper

43 100

58 38.8 29.3 43.9

100 17.1 12.2 18.4

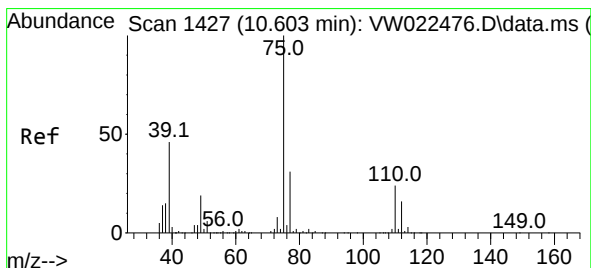
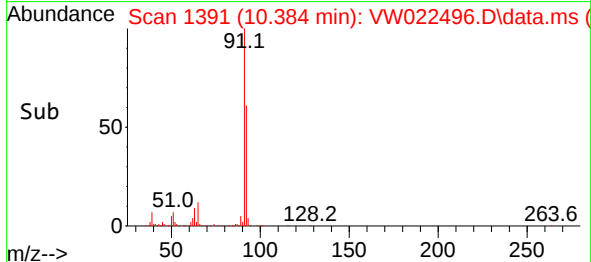
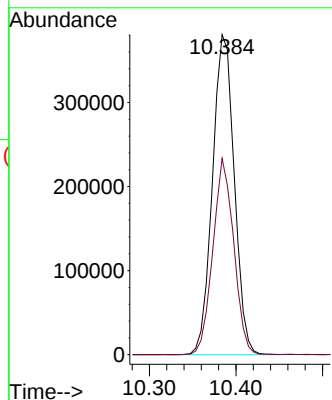
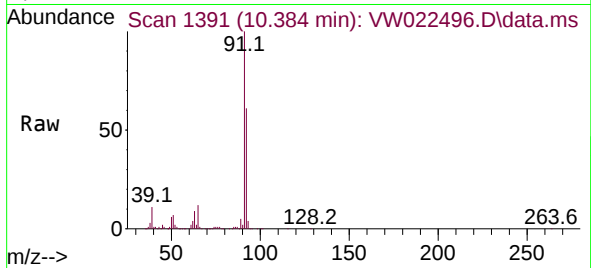




#42
Toluene
Concen: 23.258 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

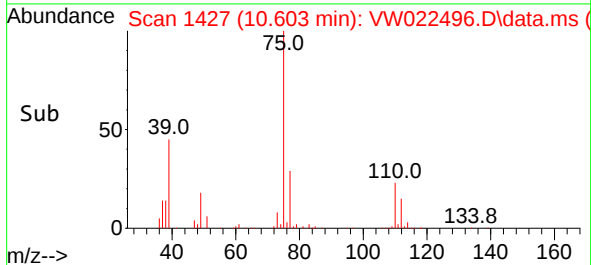
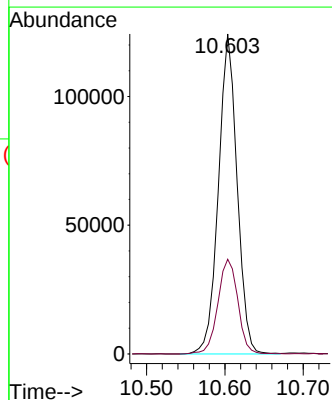
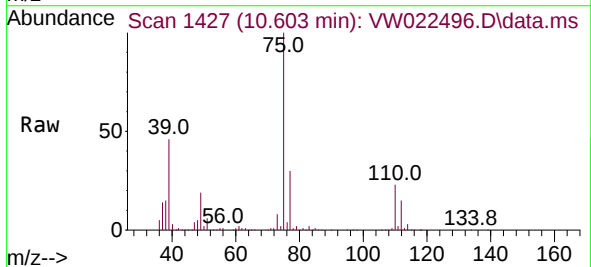
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

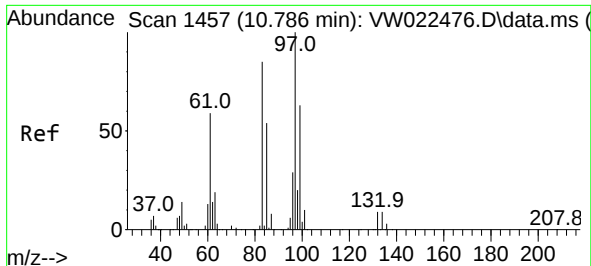
Tgt Ion: 91 Resp: 665622
Ion Ratio Lower Upper
91 100
92 61.4 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 24.222 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 75 Resp: 205912
Ion Ratio Lower Upper
75 100
77 29.6 21.3 39.6



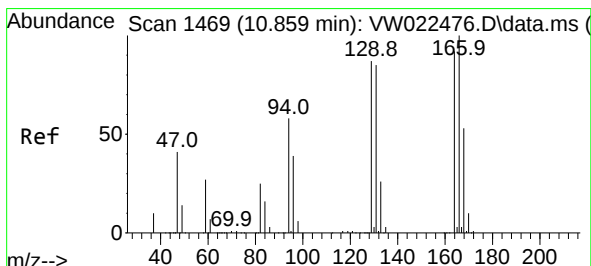
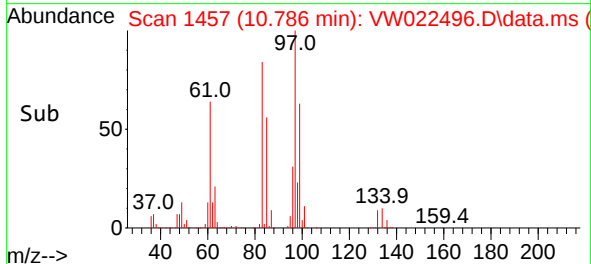
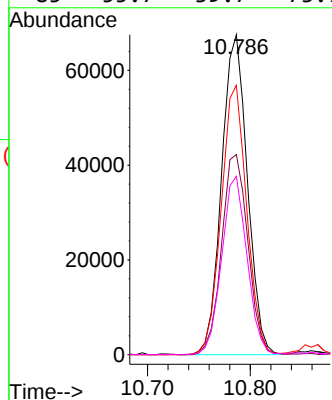
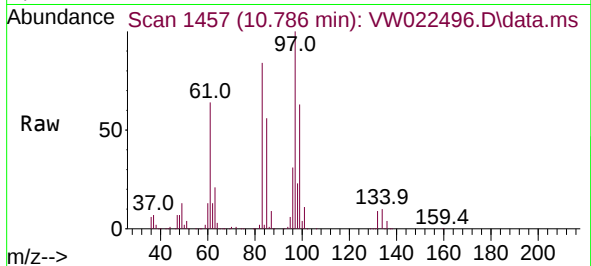


#45
1,1,2-Trichloroethane
Concen: 25.752 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion: 97 Resp: 117591

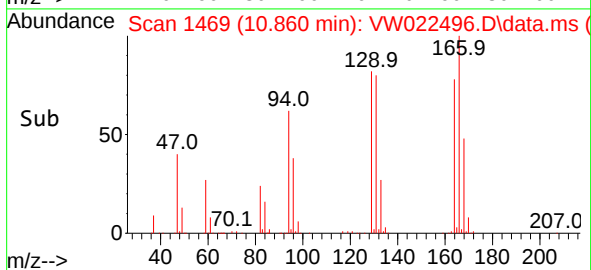
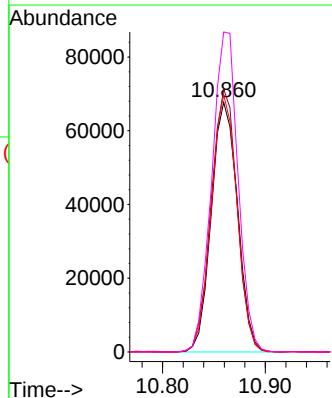
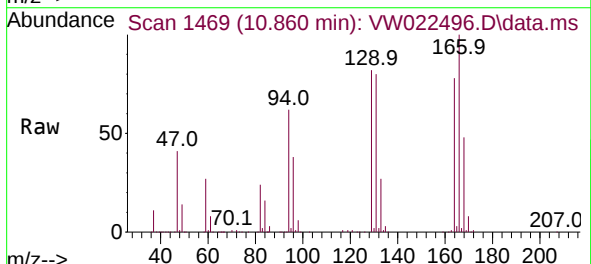
Ion	Ratio	Lower	Upper
97	100		
99	62.5	46.0	85.4
83	84.2	60.6	112.6
85	55.7	39.7	73.7

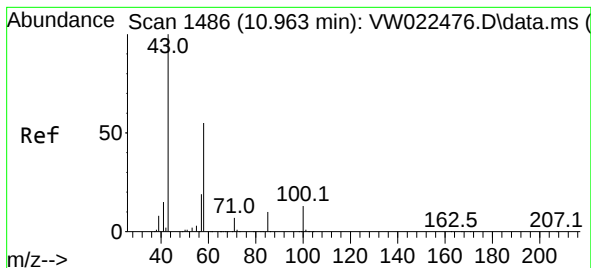


#46
Tetrachloroethene
Concen: 24.428 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 164 Resp: 120075

Ion	Ratio	Lower	Upper
164	100		
129	105.3	74.1	137.7
131	103.0	71.4	132.6
166	128.2	95.9	178.1





#48

2-Hexanone

Concen: 50.132 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion: 43 Resp: 129140

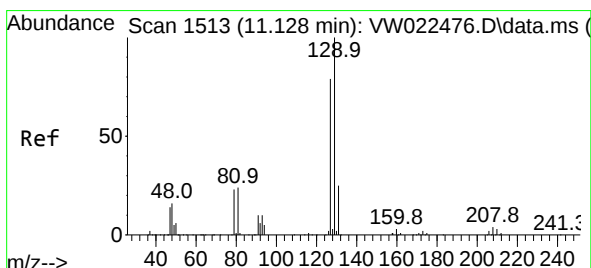
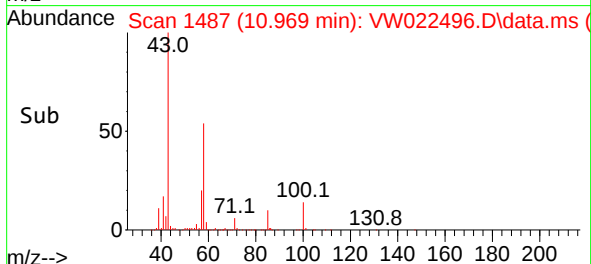
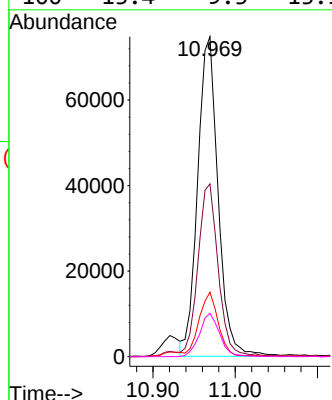
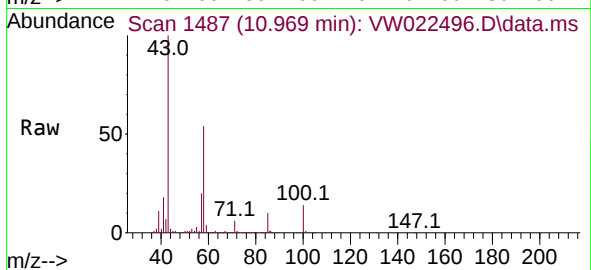
Ion Ratio Lower Upper

43 100

58 53.7 41.6 62.4

57 18.9 14.5 21.7

100 13.4 9.3 13.9



#49

Dibromochloromethane

Concen: 26.767 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022496.D

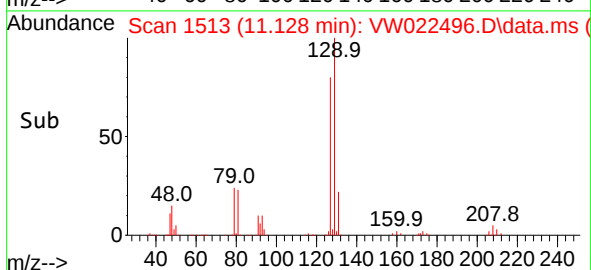
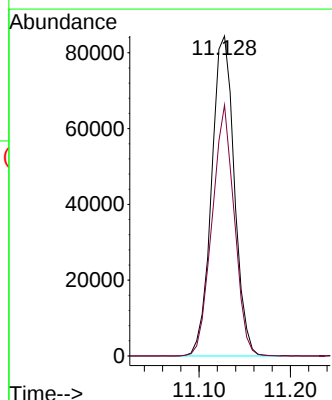
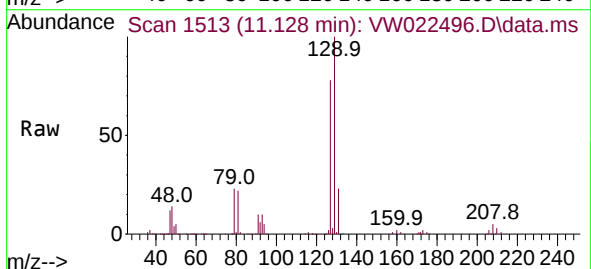
Acq: 12 Apr 2022 10:06

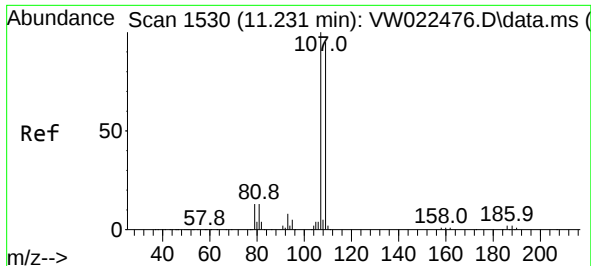
Tgt Ion: 129 Resp: 145768

Ion Ratio Lower Upper

129 100

127 78.4 52.6 97.6





#50

1,2-Dibromoethane

Concen: 25.990 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

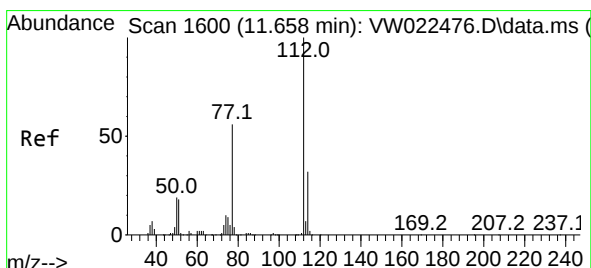
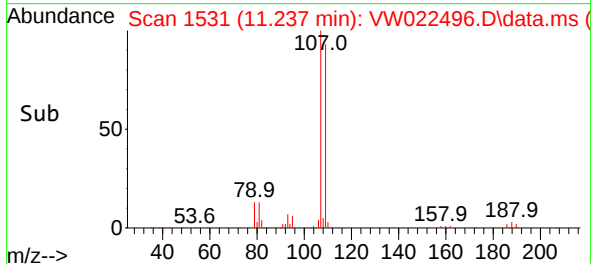
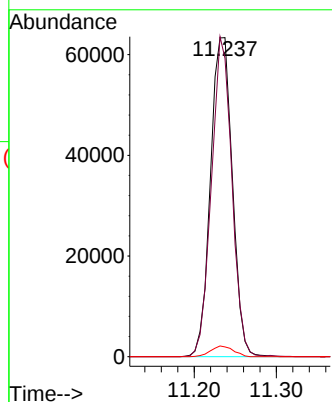
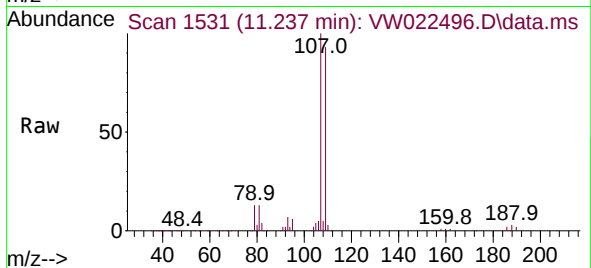
Tgt Ion:107 Resp: 117190

Ion Ratio Lower Upper

107 100

109 93.5 68.2 126.6

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 24.770 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

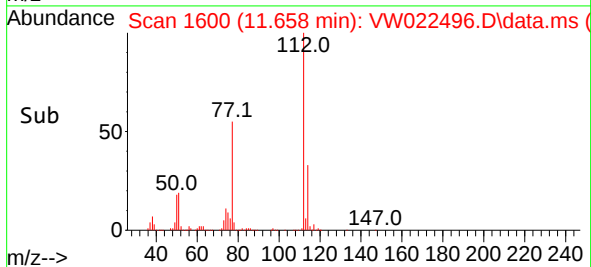
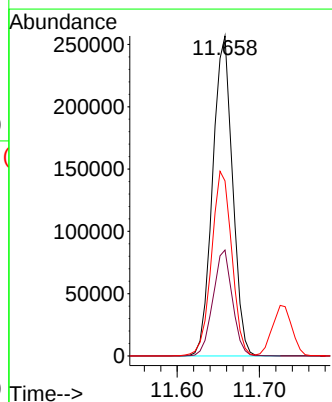
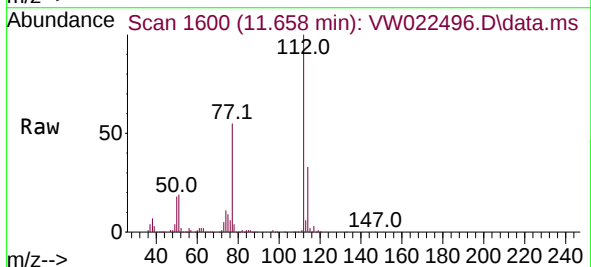
Tgt Ion:112 Resp: 433196

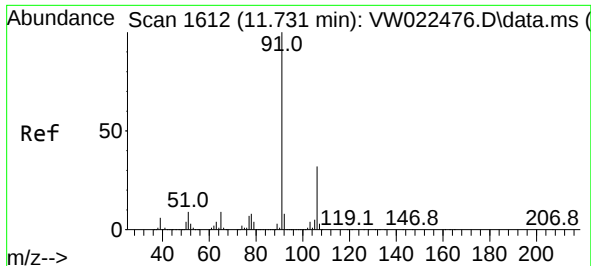
Ion Ratio Lower Upper

112 100

114 33.1 20.5 38.1

77 54.7 48.1 72.1

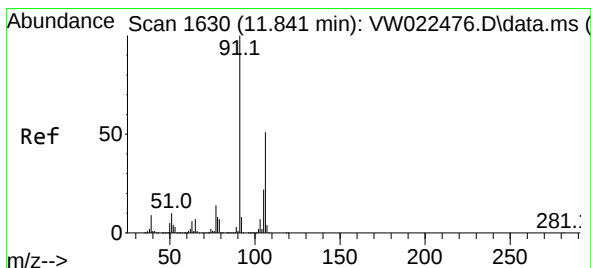
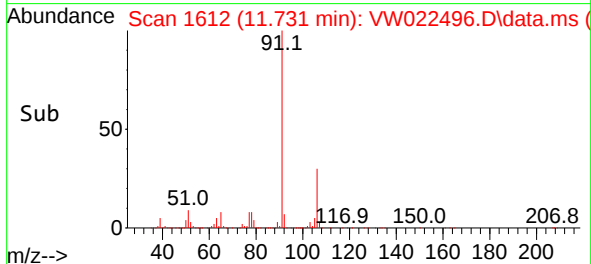
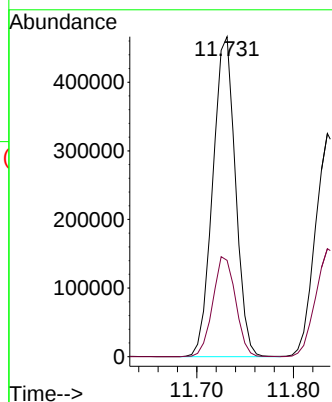
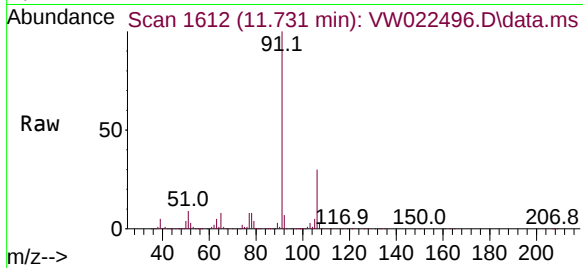




#52
Ethylbenzene
Concen: 23.628 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

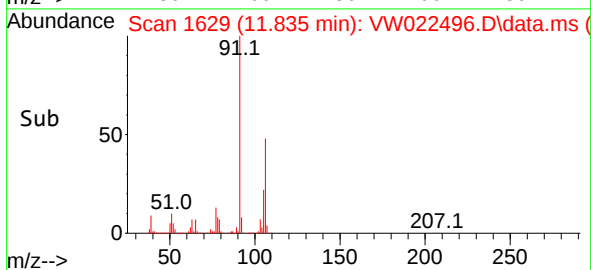
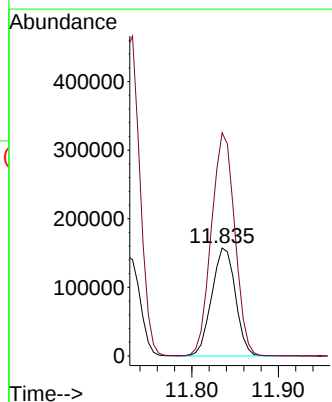
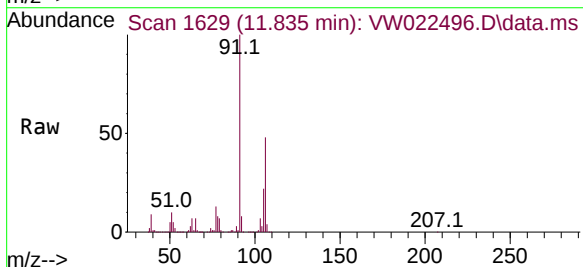
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

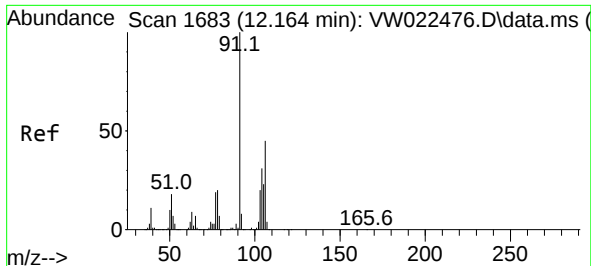
Tgt Ion: 91 Resp: 757950
Ion Ratio Lower Upper
91 100
106 30.1 20.5 38.1



#53
m,p-Xylene
Concen: 24.532 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 106 Resp: 299218
Ion Ratio Lower Upper
106 100
91 206.7 149.9 278.5

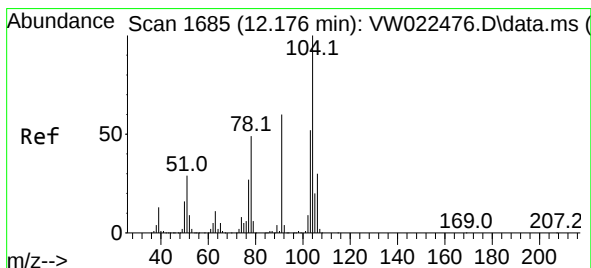
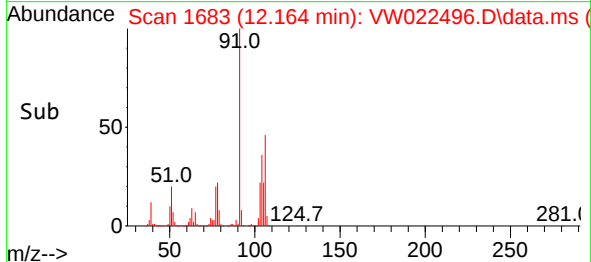
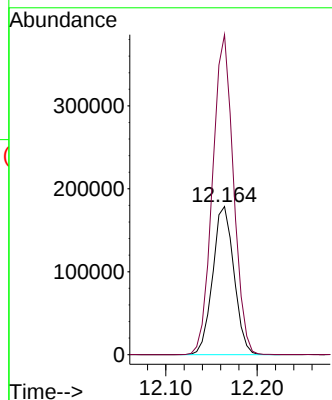
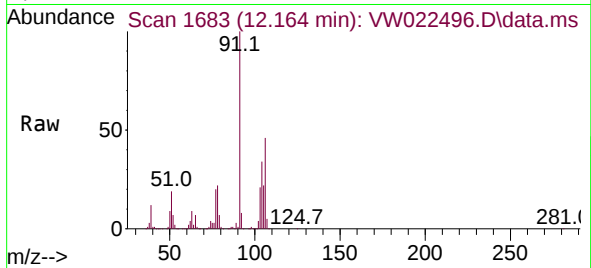




#54
o-Xylene
Concen: 24.761 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

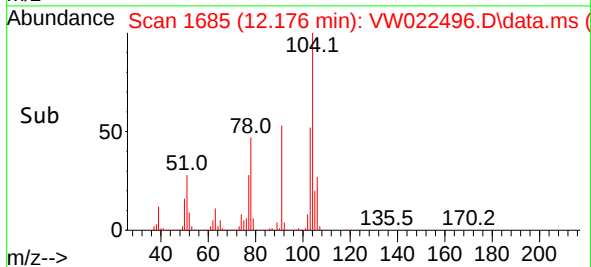
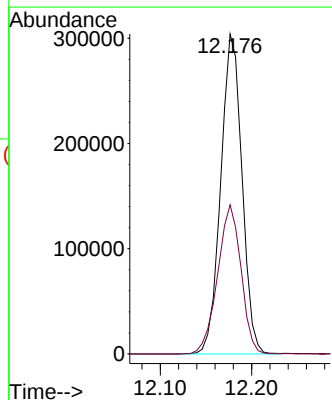
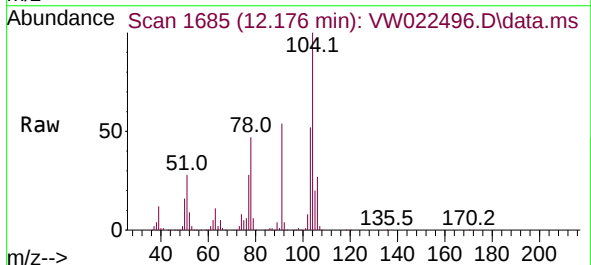
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

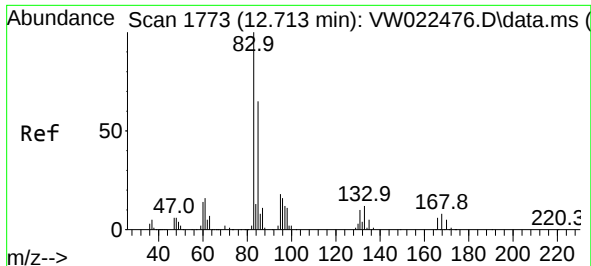
Tgt Ion:106 Resp: 288606
Ion Ratio Lower Upper
106 100
91 216.0 155.3 288.3



#55
Styrene
Concen: 24.671 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion:104 Resp: 491278
Ion Ratio Lower Upper
104 100
78 46.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.229 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

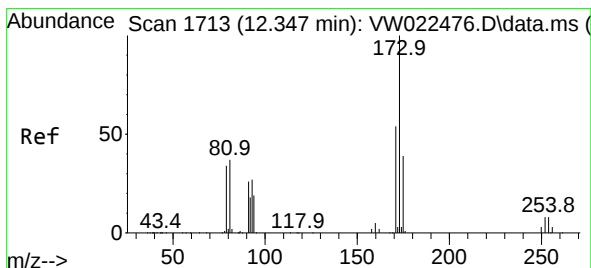
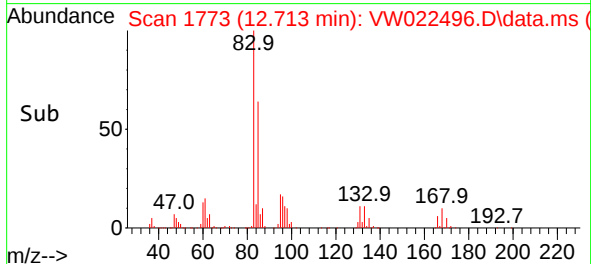
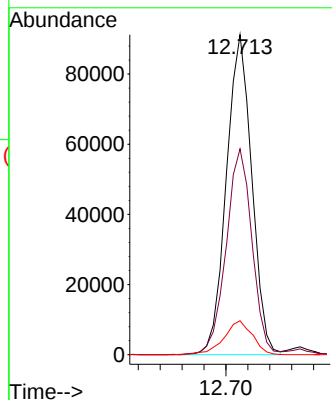
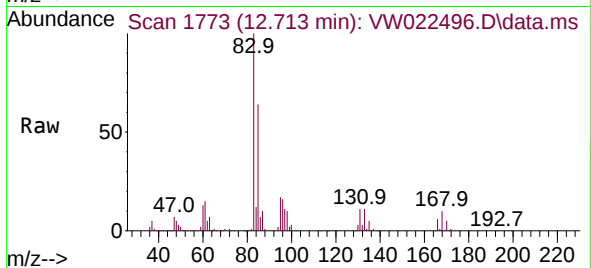
Tgt Ion: 83 Resp: 147004

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5

131 10.6 7.8 11.8



#59

Bromoform

Concen: 25.232 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

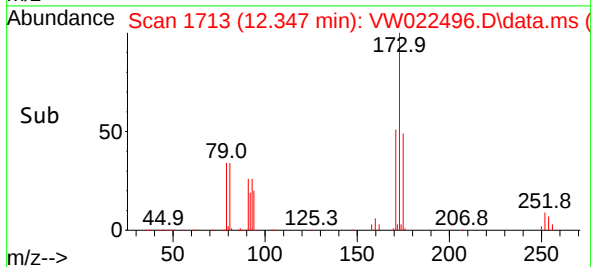
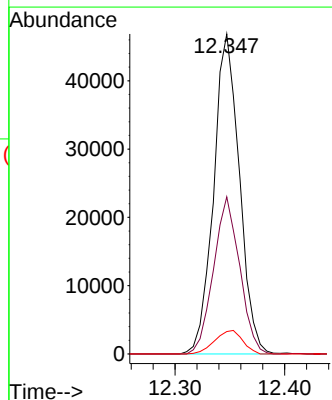
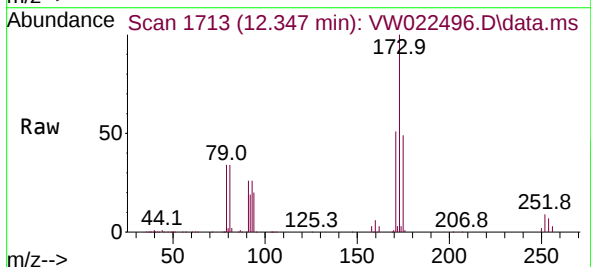
Tgt Ion: 173 Resp: 76500

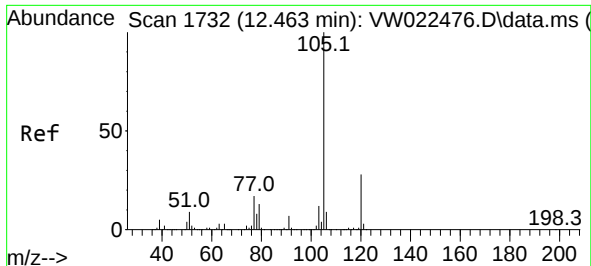
Ion Ratio Lower Upper

173 100

175 49.7 39.2 58.8

254 8.0 6.6 9.8

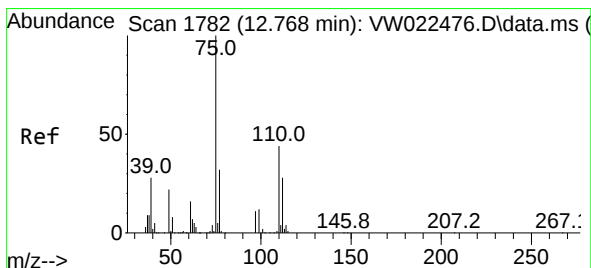
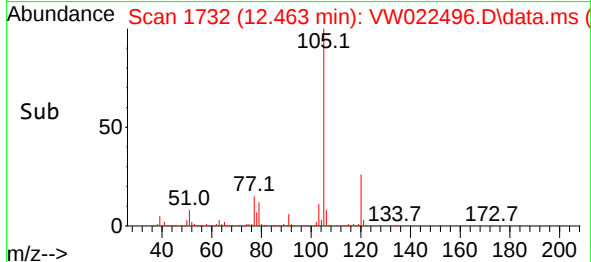
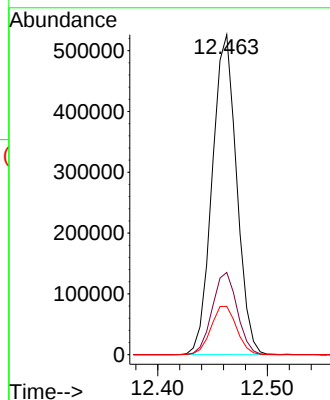
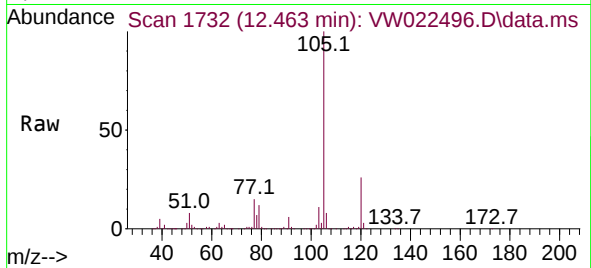




#60
Isopropylbenzene
Concen: 24.051 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

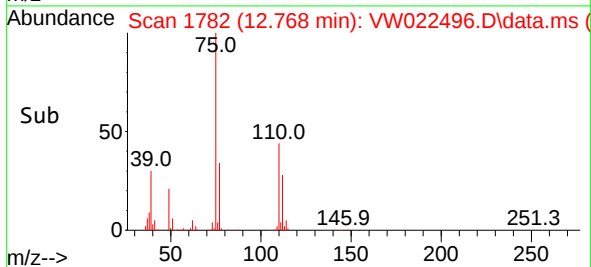
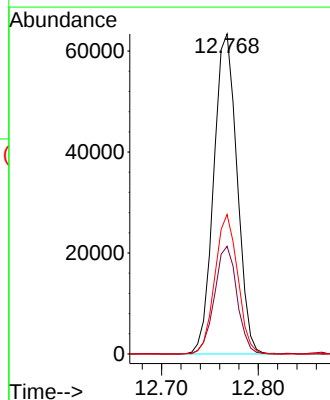
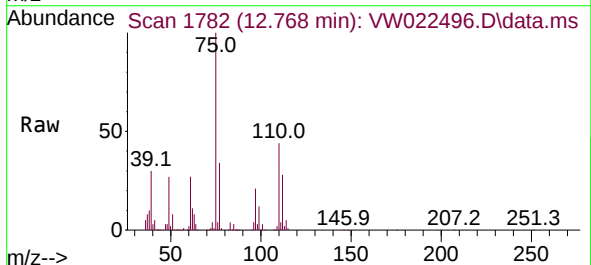
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

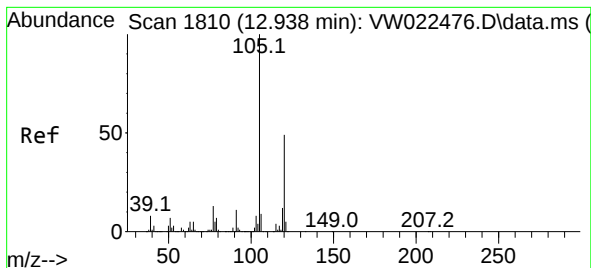
Tgt Ion:105 Resp: 815180
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.9 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 24.481 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion: 75 Resp: 106253
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 42.5 31.8 47.6

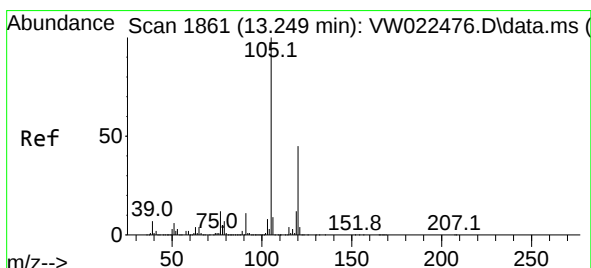
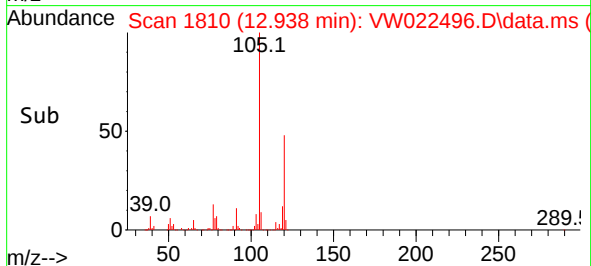
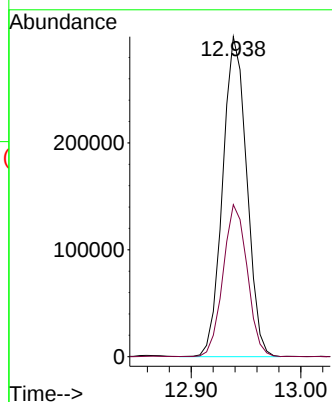
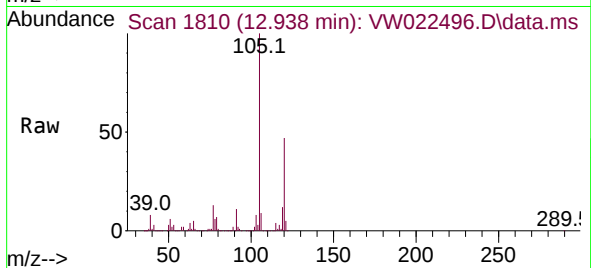




#62
1,3,5-Trimethylbenzene
Concen: 24.526 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

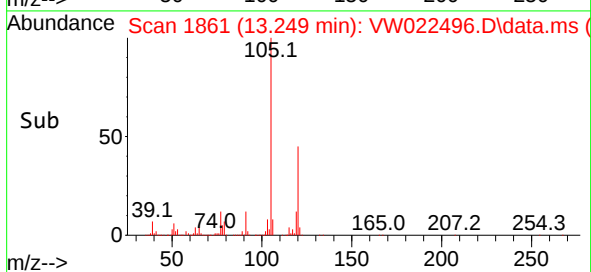
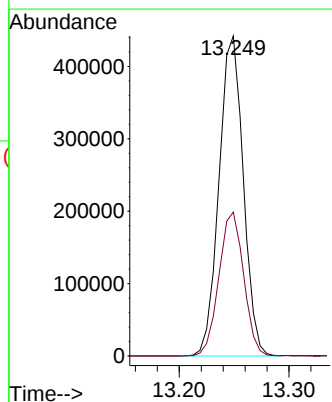
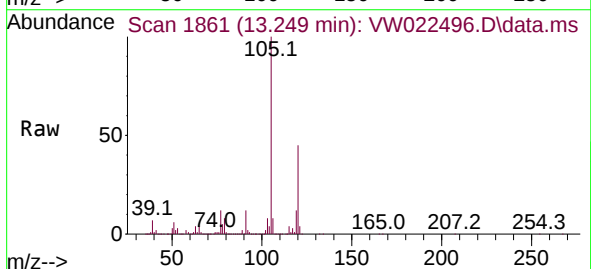
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

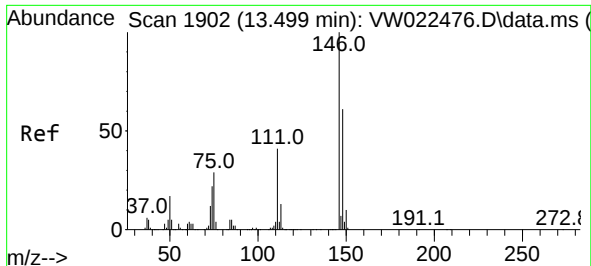
Tgt Ion:105 Resp: 457166
Ion Ratio Lower Upper
105 100
120 47.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.986 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion:105 Resp: 679878
Ion Ratio Lower Upper
105 100
120 45.7 34.2 51.2

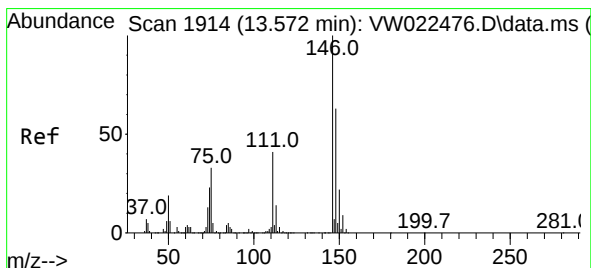
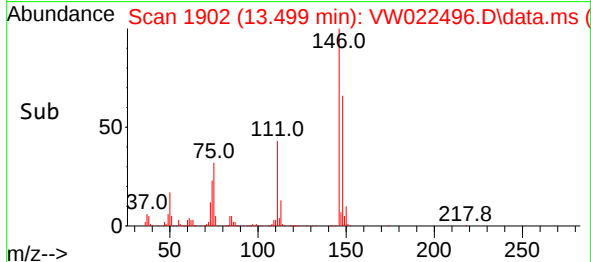
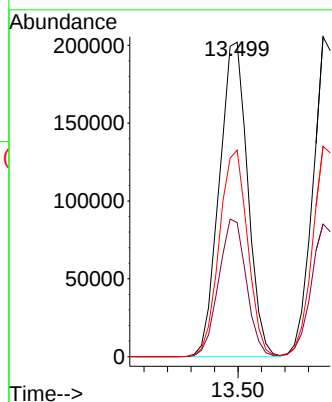
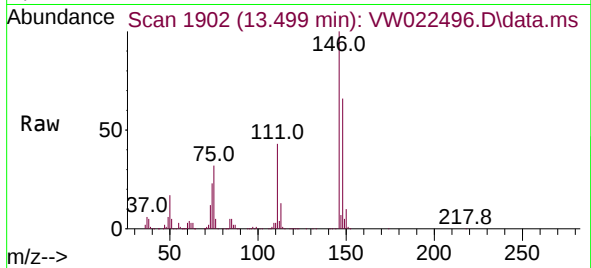




#64
1,3-Dichlorobenzene
Concen: 24.654 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

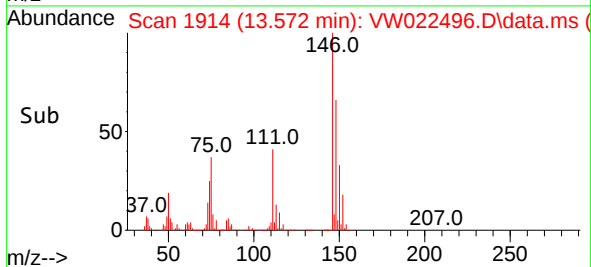
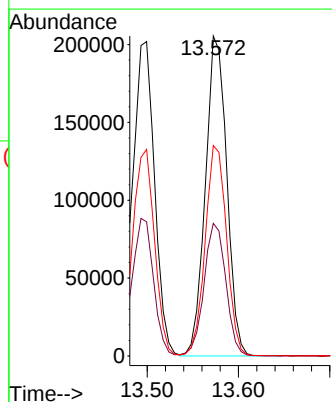
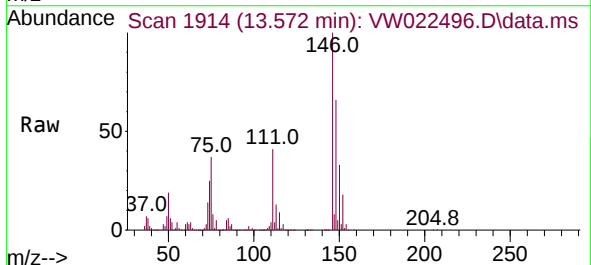
Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

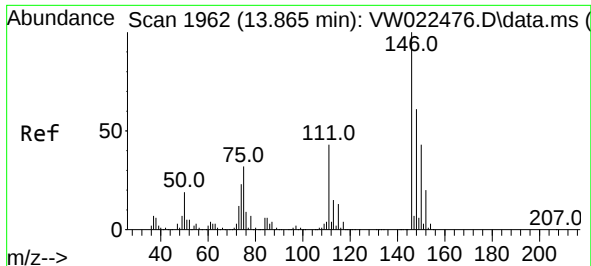
Tgt Ion:146 Resp: 339133
Ion Ratio Lower Upper
146 100
111 42.6 28.2 52.4
148 65.7 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.383 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion:146 Resp: 334504
Ion Ratio Lower Upper
146 100
111 41.5 28.5 52.9
148 65.8 44.4 82.4

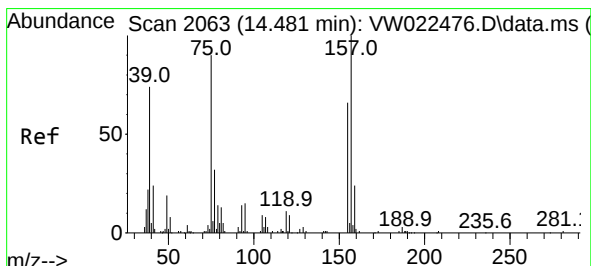
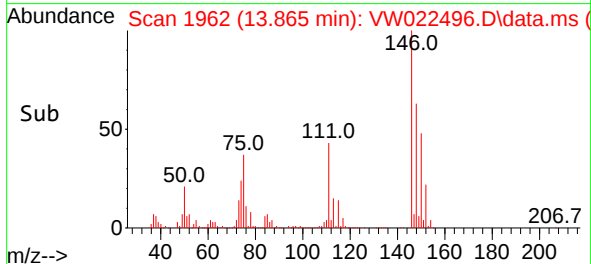
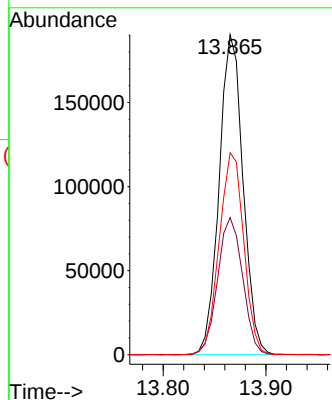
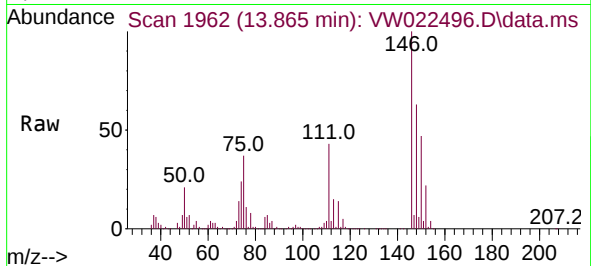




#67
 1,2-Dichlorobenzene
 Concen: 24.950 ug/L
 RT: 13.865 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

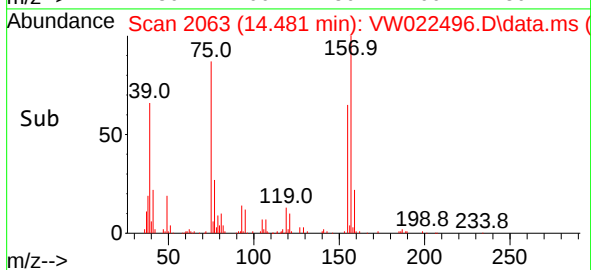
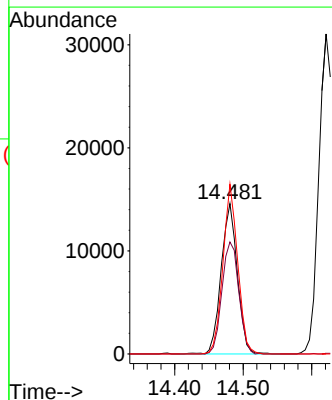
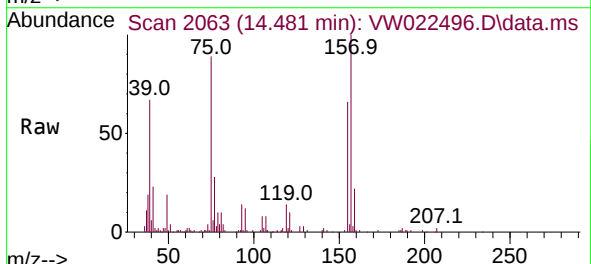
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

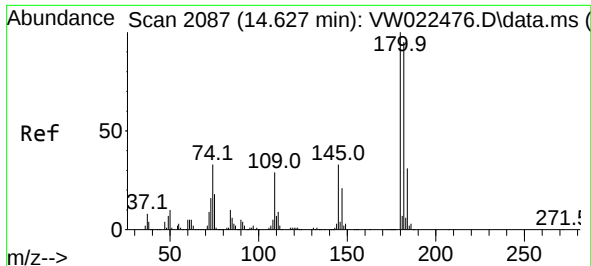
Tgt Ion:146 Resp: 306932
 Ion Ratio Lower Upper
 146 100
 111 42.8 39.0 58.4
 148 63.1 52.1 78.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.687 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW022496.D
 Acq: 12 Apr 2022 10:06

Tgt Ion: 75 Resp: 23844
 Ion Ratio Lower Upper
 75 100
 155 74.5 55.6 83.4
 157 112.8 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 25.717 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025482

Tgt Ion:180 Resp: 230812

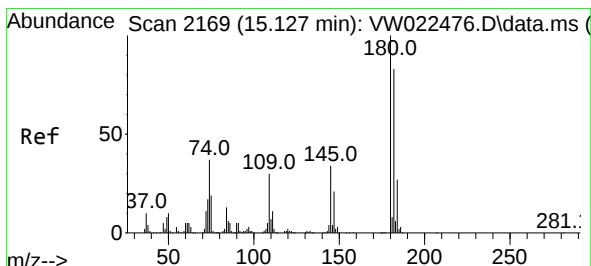
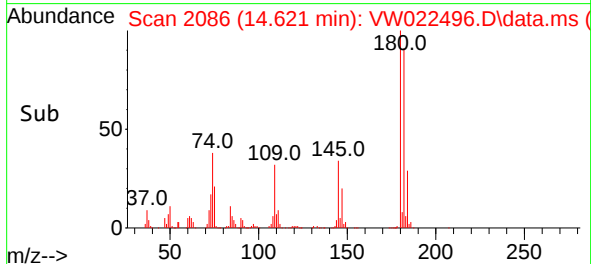
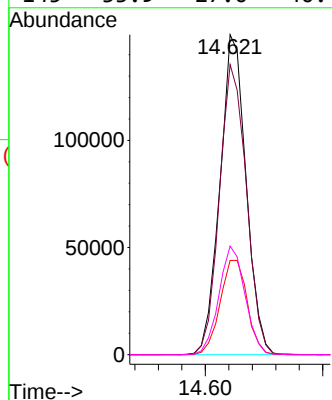
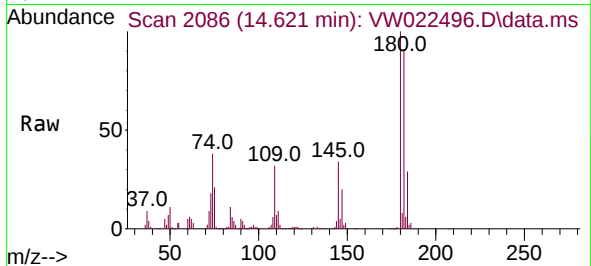
Ion Ratio Lower Upper

180 100

182 93.2 79.1 118.7

184 30.6 24.5 36.7

145 33.9 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 25.405 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022496.D

Acq: 12 Apr 2022 10:06

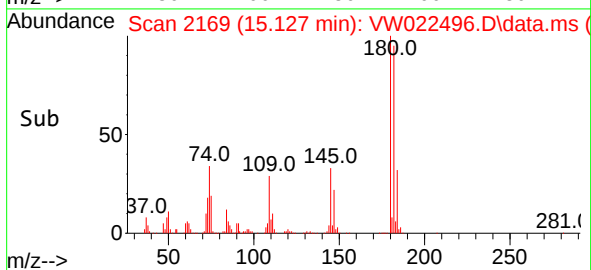
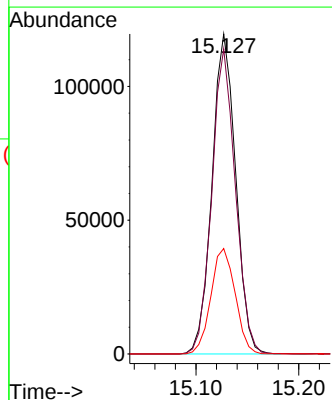
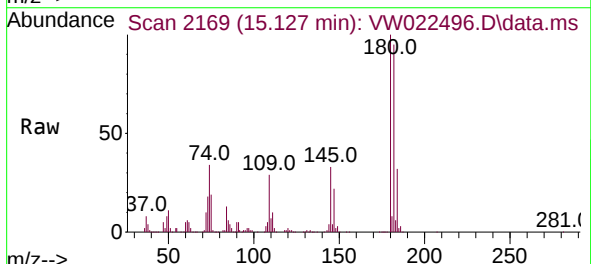
Tgt Ion:180 Resp: 191492

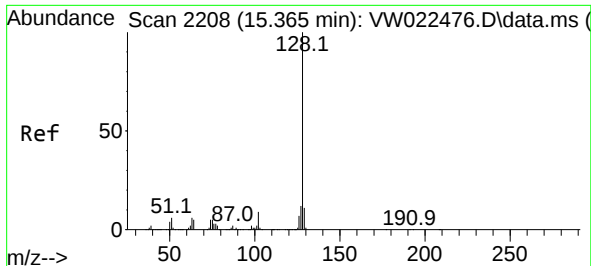
Ion Ratio Lower Upper

180 100

182 94.9 72.8 109.2

145 33.8 25.5 38.3

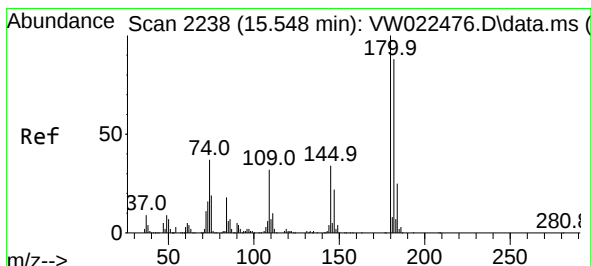
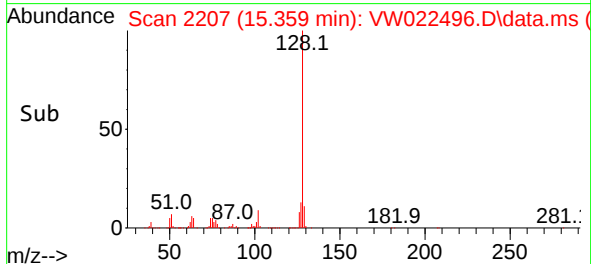
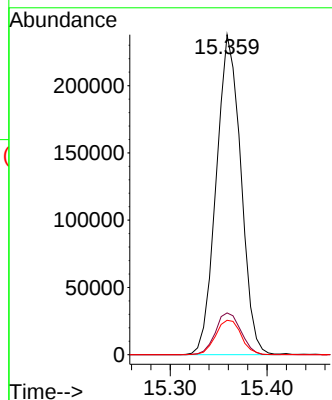
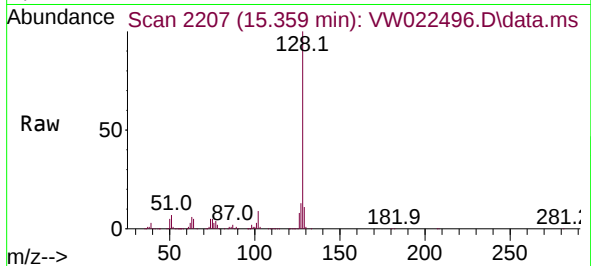




#71
Naphthalene
Concen: 26.429 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Tgt Ion:128 Resp: 420168
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.045 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022496.D
Acq: 12 Apr 2022 10:06

Tgt Ion:180 Resp: 161358
Ion Ratio Lower Upper
180 100
182 97.0 73.4 110.0
145 36.0 27.0 40.6

