

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020819.D
 Acq On : 08 Nov 2021 18:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Nov 09 07:15:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:39:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135361	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	127976	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71359	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28802	22.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	2.879	69	17721	24.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	4.019	63	55816	20.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.560%
21) 2-Butanone-d5	7.080	46	22636	53.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.120%
24) Chloroform-d	7.647	84	70480	23.433	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.720%
26) 1,2-Dichloroethane-d4	8.305	65	37900	23.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.275	84	123480	21.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	9.275	67	39951	22.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	10.323	98	121393	21.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.573	79	19698	22.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.720%
47) 2-Hexanone-d5	10.921	63	18414	50.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	203.360%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38145	25.711	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	54851	24.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	26493	47.999	ug/L	100
3) Chloromethane	2.215	50	34611	23.965	ug/L	100
5) Vinyl chloride	2.355	62	54871	26.340	ug/L	100
6) Bromomethane	2.770	94	30984	28.739	ug/L	97
8) Chloroethane	2.916	64	20454	26.703	ug/L	98
9) Trichlorofluoromethane	3.251	101	21414	19.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45063	24.799	ug/L	91
12) 1,1-Dichloroethene	4.038	96	41655	24.053	ug/L	78
13) Acetone	4.123	43	17474	44.423	ug/L	93
14) Carbon disulfide	4.379	76	118516	22.672	ug/L	98
15) Methyl Acetate	4.672	43	18384	26.371	ug/L #	82
16) Methylene chloride	4.916	84	44962	22.431	ug/L	91
17) trans-1,2-Dichloroethene	5.422	96	45061	24.478	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	61840	23.740	ug/L	95
19) 1,1-Dichloroethane	6.214	63	75954	23.823	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	48539	25.013	ug/L	76
22) 2-Butanone	7.171	43	26245	50.212	ug/L	90
23) Bromochloromethane	7.513	128	22683	25.331	ug/L #	73
25) Chloroform	7.677	83	80732	24.323	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
 Data File : VW020819.D
 Acq On : 08 Nov 2021 18:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Nov 09 07:15:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:39:29 2021
 Response via : Initial Calibration

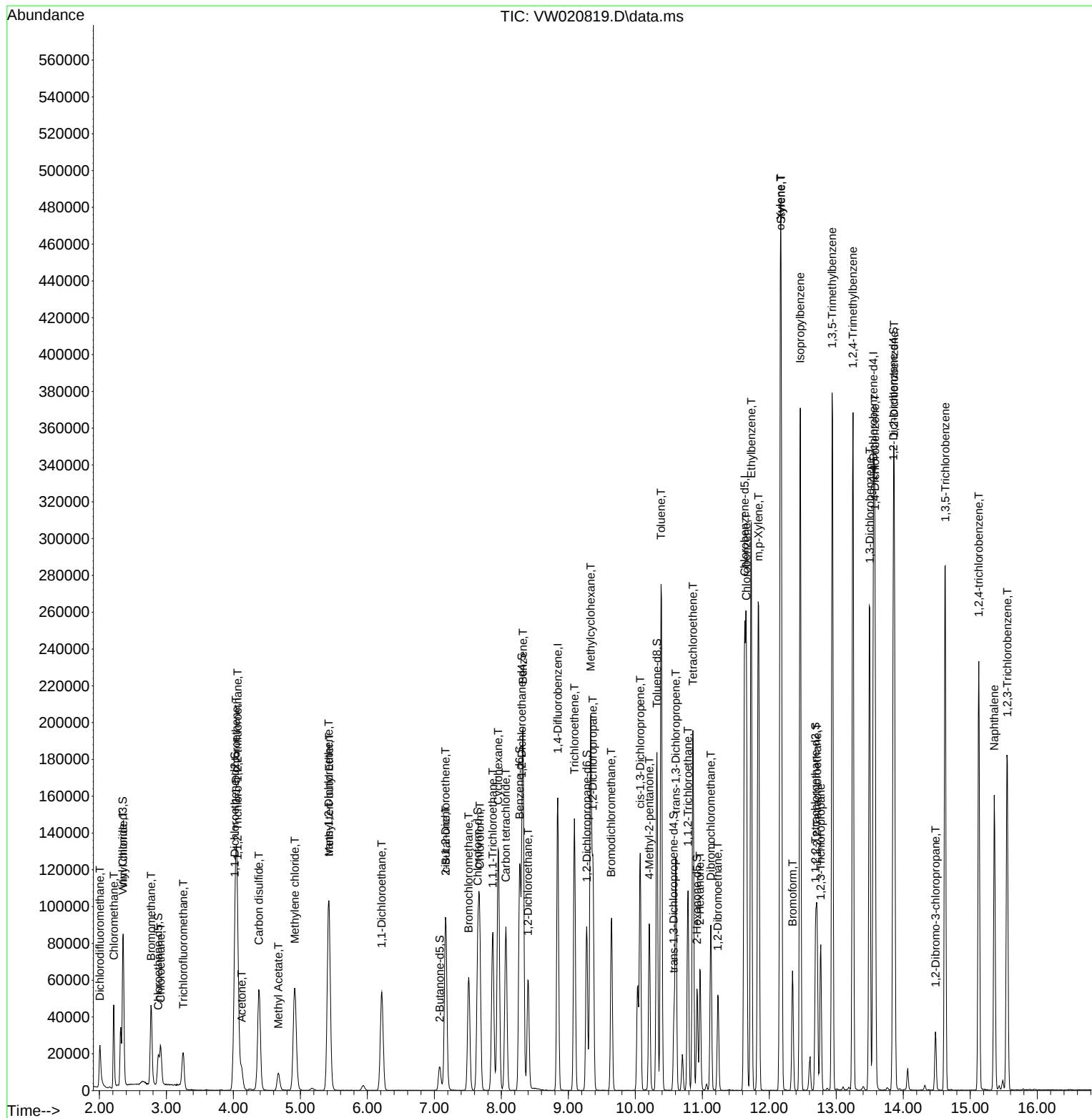
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	52905	24.622	ug/L #	95
29) Cyclohexane	7.952	56	72844	21.817	ug/L	88
30) 1,1,1-Trichloroethane	7.872	97	69796	22.950	ug/L	93
31) Carbon tetrachloride	8.067	117	65720	22.709	ug/L	99
33) Benzene	8.323	78	174399	22.754	ug/L	100
34) Trichloroethene	9.092	95	48106	23.580	ug/L	91
35) Methylcyclohexane	9.335	83	82289	23.114	ug/L	89
37) 1,2-Dichloropropane	9.366	63	41854	23.064	ug/L #	97
38) Bromodichloromethane	9.640	83	60541	23.833	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	69785	23.630	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	57892	48.814	ug/L #	95
42) Toluene	10.384	91	200732	24.355	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	64173	24.023	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	33475	24.857	ug/L	94
46) Tetrachloroethene	10.860	164	44837	24.503	ug/L	93
48) 2-Hexanone	10.963	43	41736	48.194	ug/L #	94
49) Dibromochloromethane	11.128	129	44804	24.362	ug/L	93
50) 1,2-Dibromoethane	11.232	107	33279	24.371	ug/L	96
51) Chlorobenzene	11.658	112	129104	24.286	ug/L	94
52) Ethylbenzene	11.731	91	219749	23.797	ug/L	97
53) m,p-Xylene	11.841	106	89571	24.210	ug/L	92
54) o-Xylene	12.164	106	87349	24.923	ug/L	97
55) Styrene	12.176	104	146420	24.575	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	40499	25.659	ug/L #	93
59) Bromoform	12.347	173	30279	25.086	ug/L	97
60) Isopropylbenzene	12.463	105	234414	23.834	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	29998	25.438	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	203127	24.034	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	200614	23.895	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	113821	24.960	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	111039	24.444	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	102748	25.507	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	7238	25.108	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	91848	25.375	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	77474	25.675	ug/L	93
71) Naphthalene	15.359	128	131378	25.758	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	66091	25.774	ug/L	95

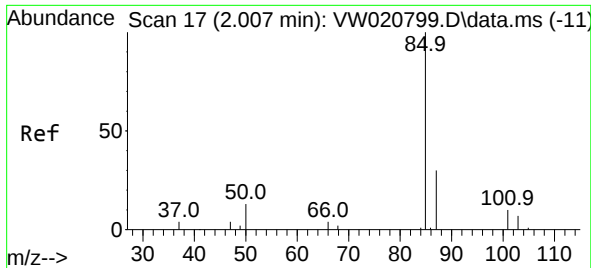
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110821\
Data File : VW020819.D
Acq On : 08 Nov 2021 18:33
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Quant Time: Nov 09 07:15:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:39:29 2021
Response via : Initial Calibration

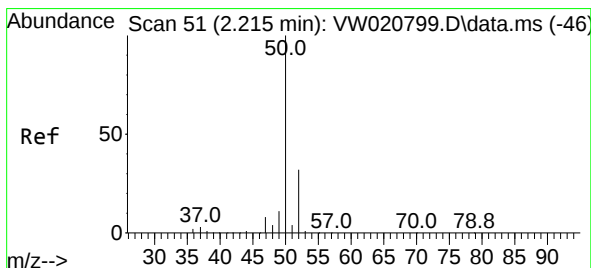
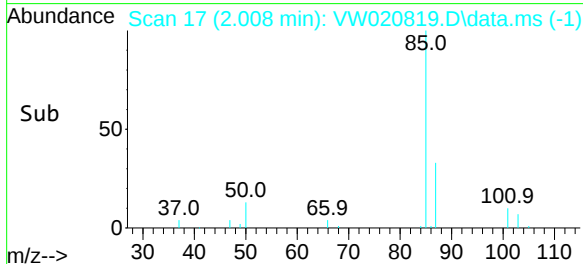
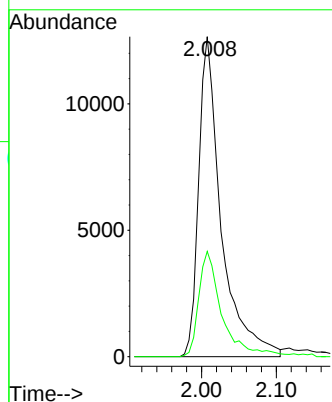
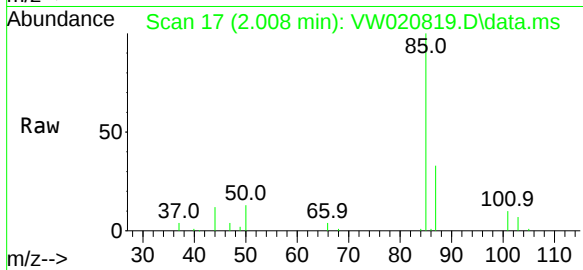




#2
Dichlorodifluoromethane
Concen: 47.999 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

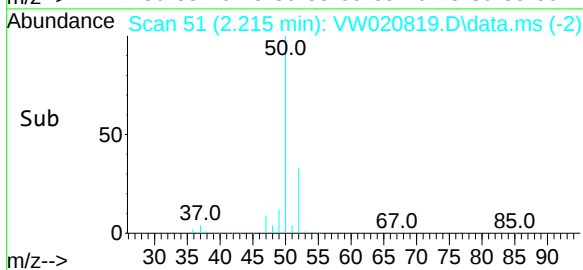
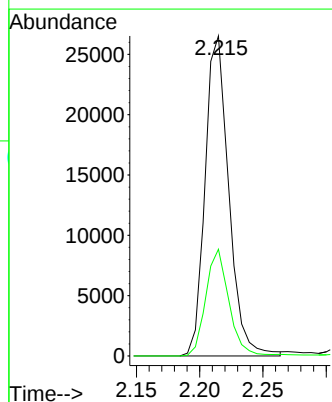
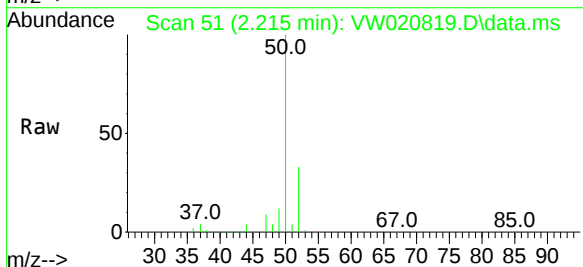
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

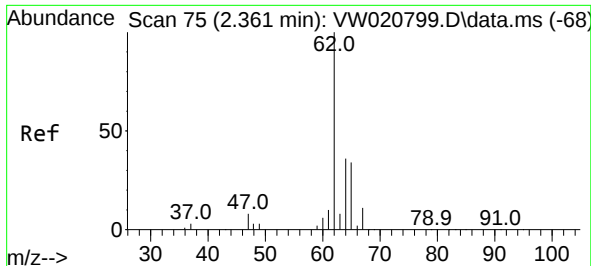
Tgt Ion: 85 Resp: 26493
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 23.965 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 50 Resp: 34611
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.6

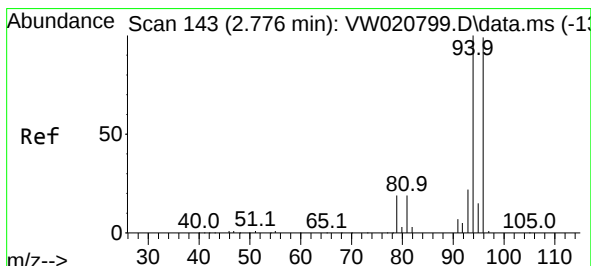
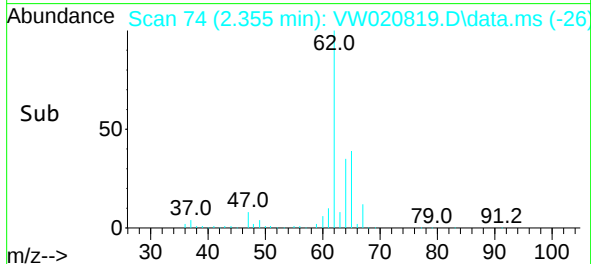
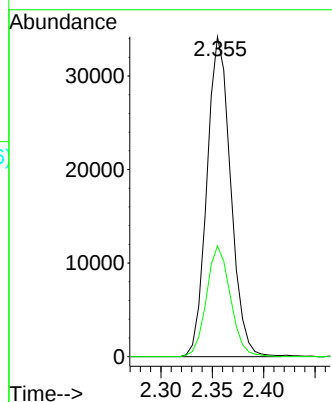
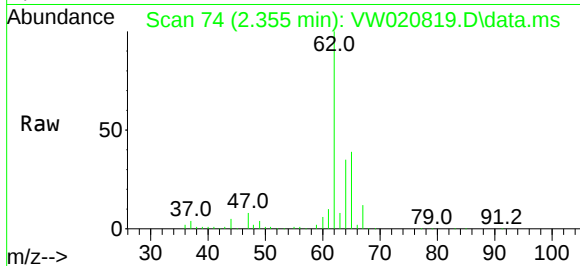




#5
 Vinyl chloride
 Concen: 26.340 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020819.D
 Acq: 08 Nov 2021 18:33

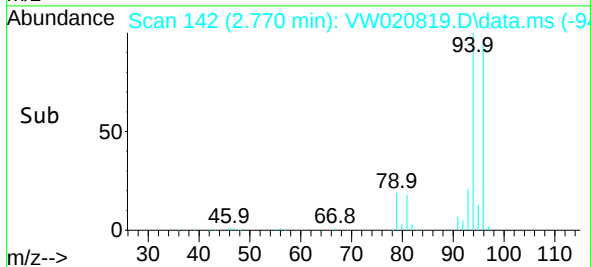
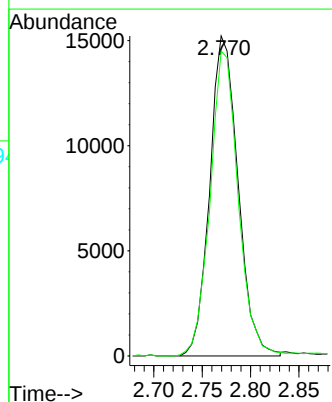
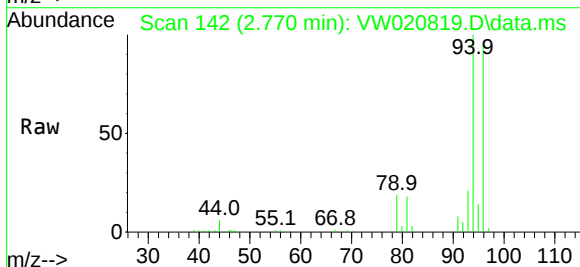
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

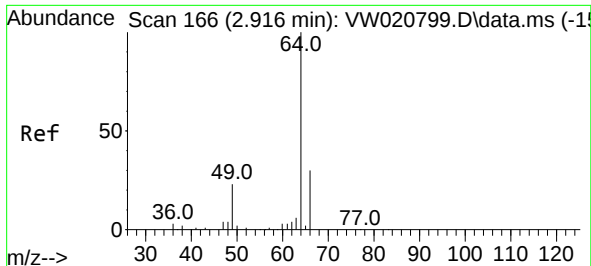
Tgt Ion: 62 Resp: 54871
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.4 45.2



#6
 Bromomethane
 Concen: 28.739 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020819.D
 Acq: 08 Nov 2021 18:33

Tgt Ion: 94 Resp: 30984
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.8 120.4

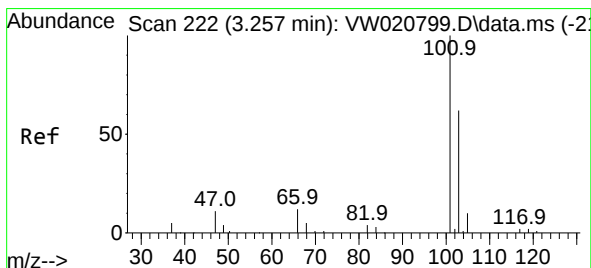
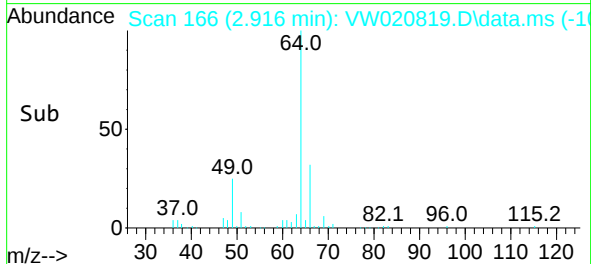
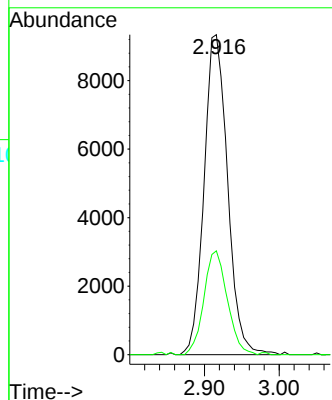
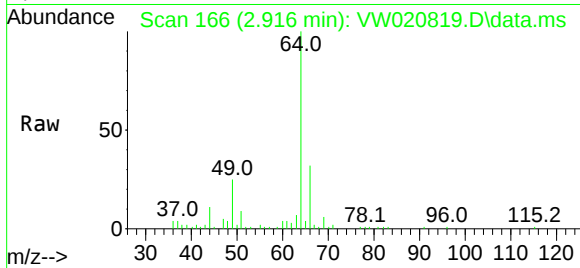




#8
Chloroethane
Concen: 26.703 ug/L
RT: 2.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

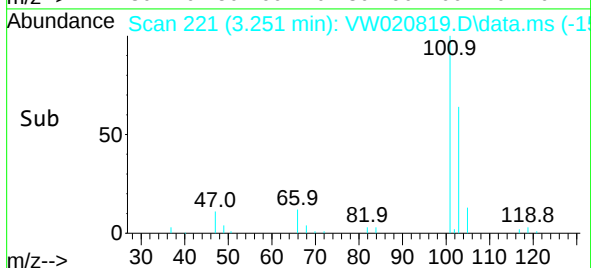
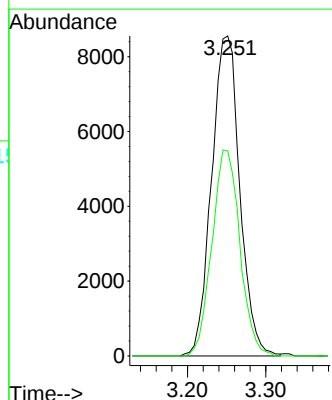
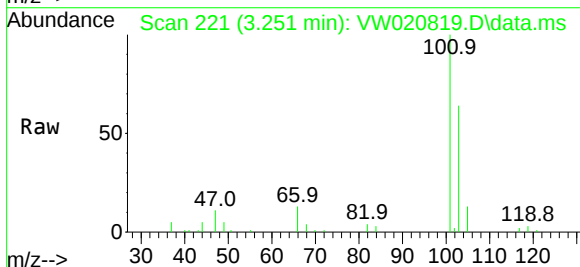
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

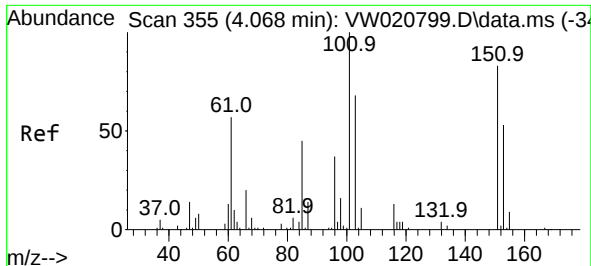
Tgt Ion: 64 Resp: 20454
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.381 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 101 Resp: 21414
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

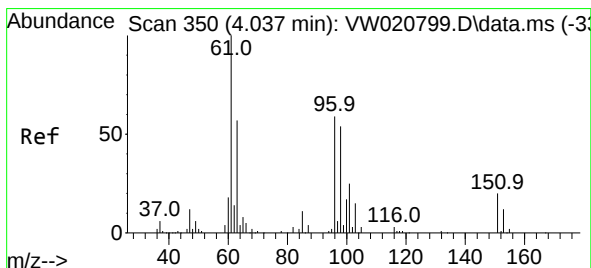
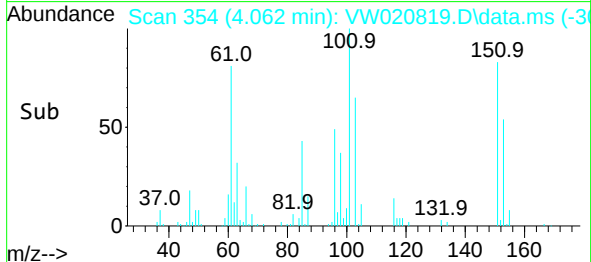
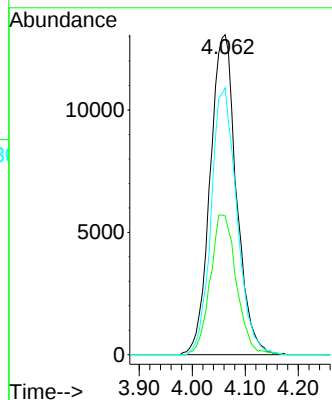
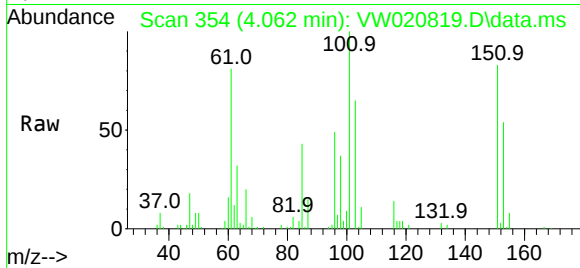




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.799 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW020819.D
 Acq: 08 Nov 2021 18:33

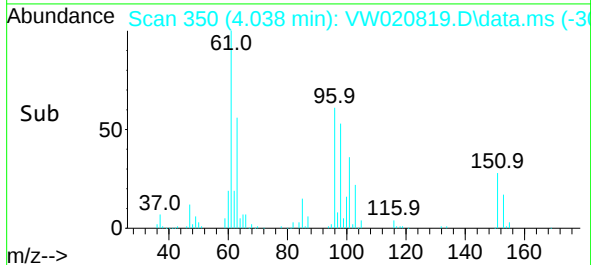
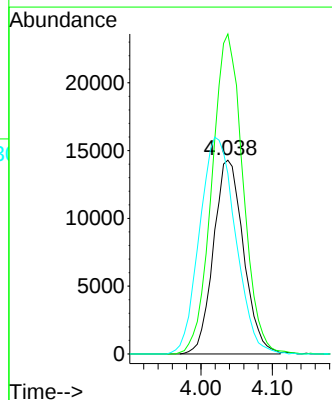
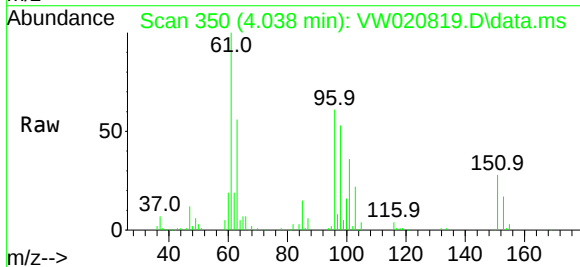
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

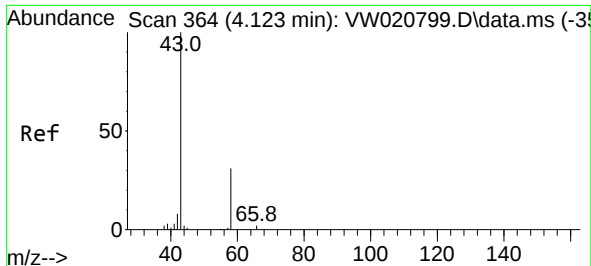
Tgt Ion:101 Resp: 45063
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.6 54.8
 151 81.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.053 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW020819.D
 Acq: 08 Nov 2021 18:33

Tgt Ion: 96 Resp: 41655
 Ion Ratio Lower Upper
 96 100
 61 165.2 138.3 256.9
 63 93.1 82.6 153.4

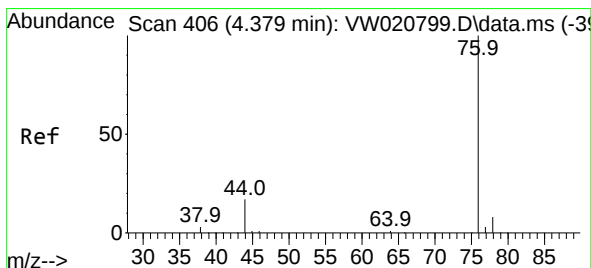
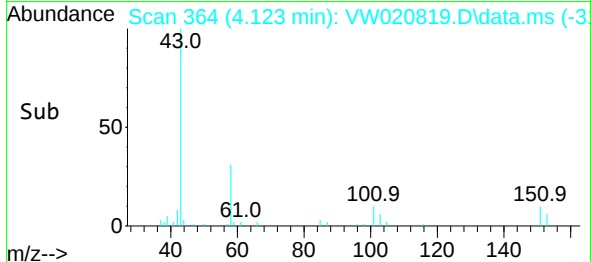
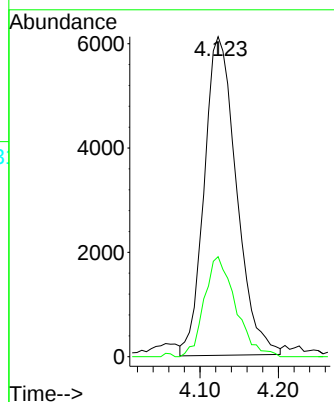
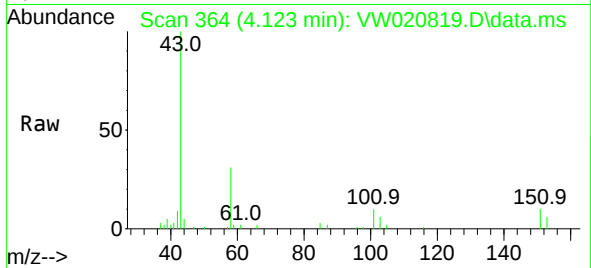




#13
Acetone
Concen: 44.423 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

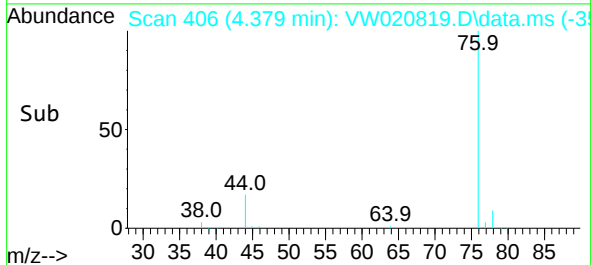
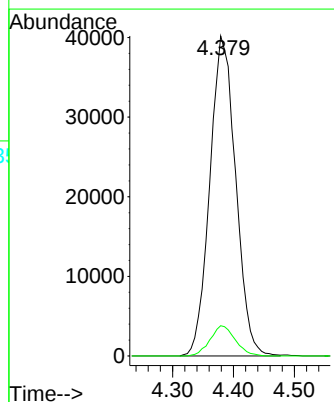
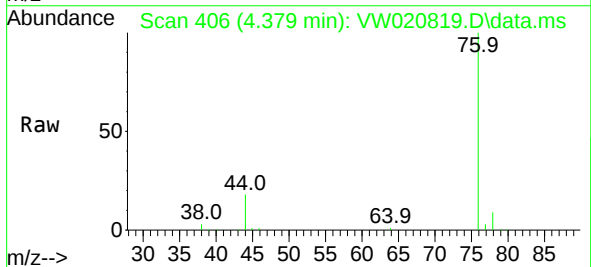
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

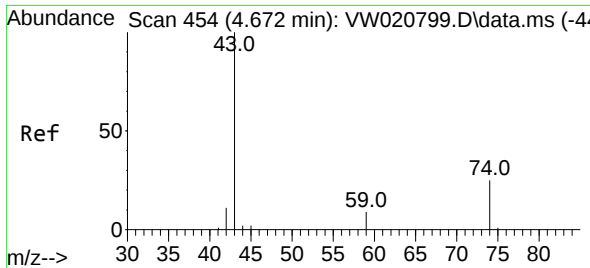
Tgt Ion: 43 Resp: 17474
Ion Ratio Lower Upper
43 100
58 30.1 0.0 52.8



#14
Carbon disulfide
Concen: 22.672 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 76 Resp: 118516
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

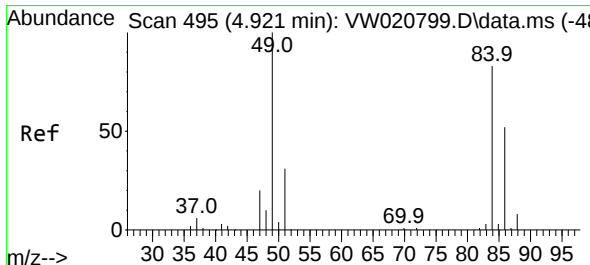
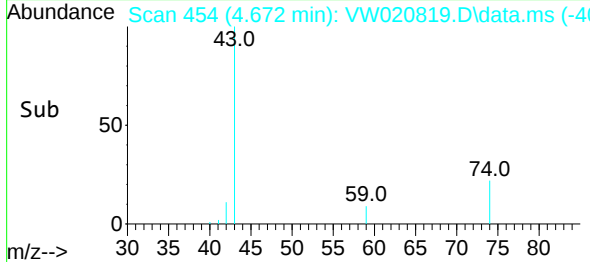
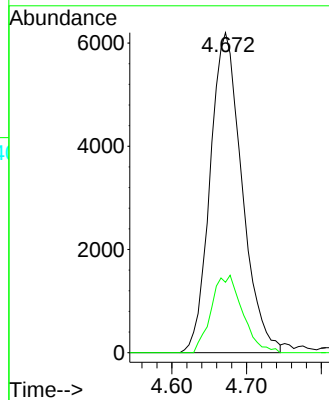
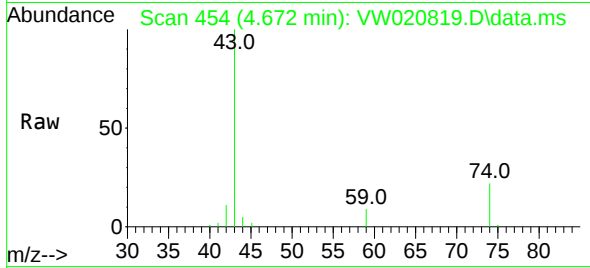




#15
Methyl Acetate
Concen: 26.371 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

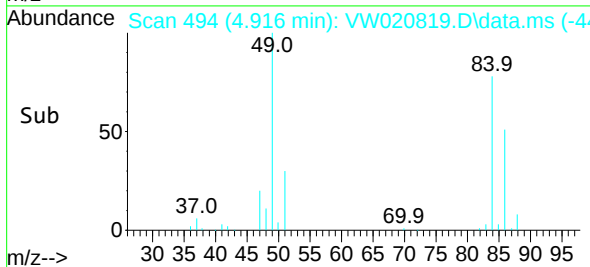
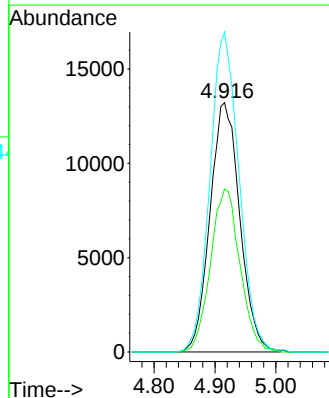
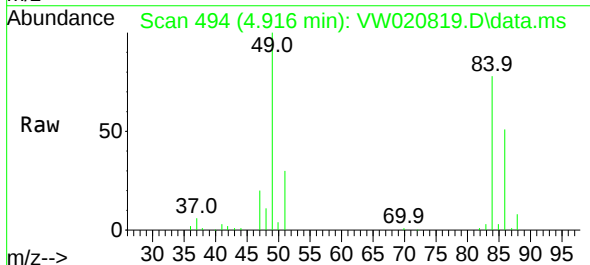
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

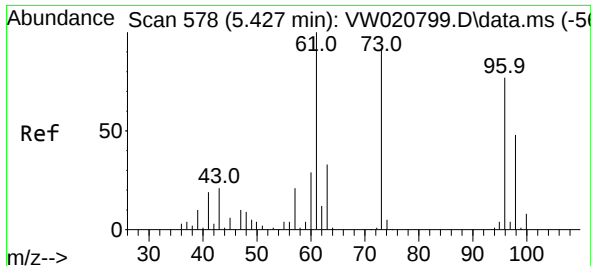
Tgt Ion: 43 Resp: 18384
Ion Ratio Lower Upper
43 100
74 12.0 16.4 24.6#



#16
Methylene chloride
Concen: 22.431 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 84 Resp: 44962
Ion Ratio Lower Upper
84 100
86 65.3 45.5 84.5
49 128.3 100.5 186.7

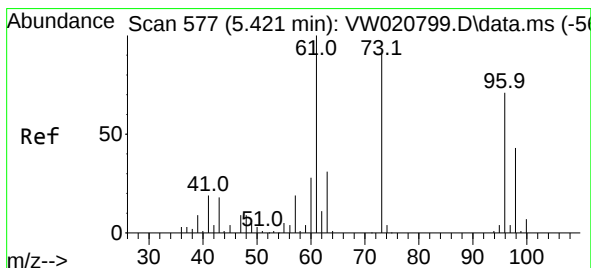
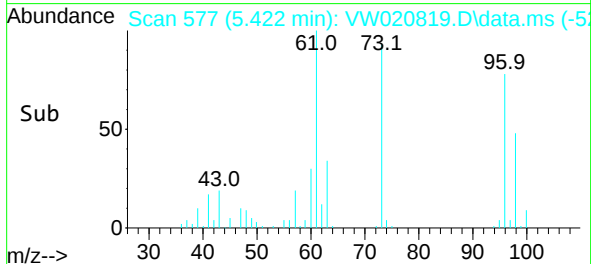
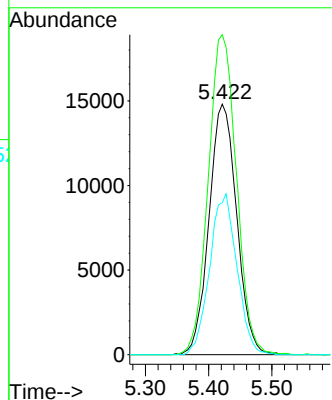
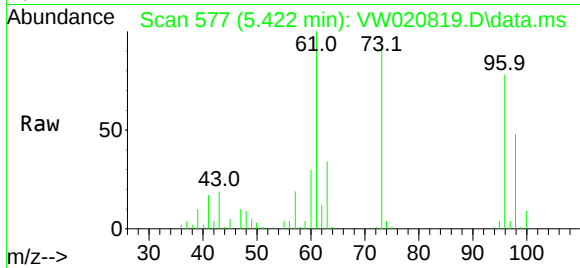




#17
trans-1,2-Dichloroethene
Concen: 24.478 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

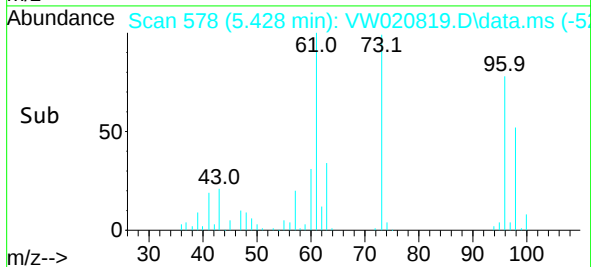
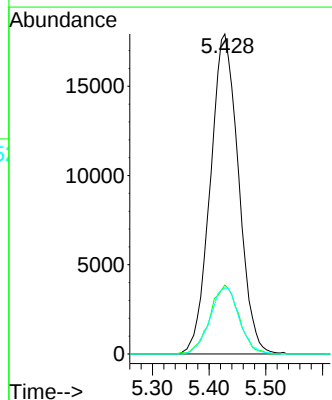
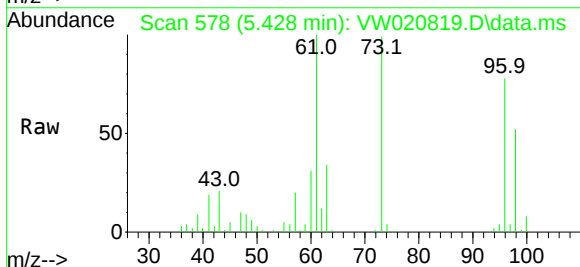
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

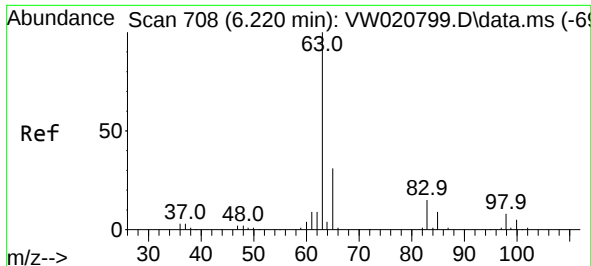
Tgt Ion: 96 Resp: 45061
Ion Ratio Lower Upper
96 100
61 127.7 107.4 199.4
98 60.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.740 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 73 Resp: 61840
Ion Ratio Lower Upper
73 100
43 21.9 19.5 29.3
57 21.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.823 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

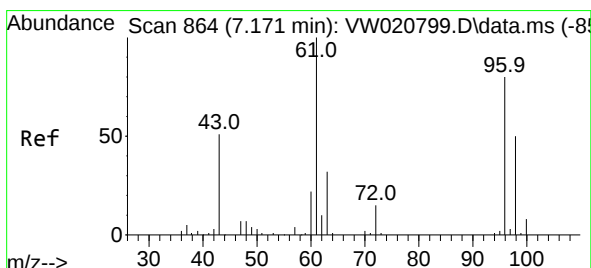
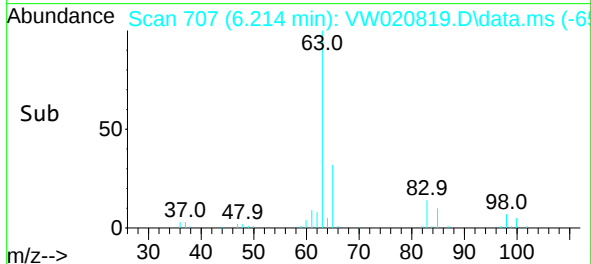
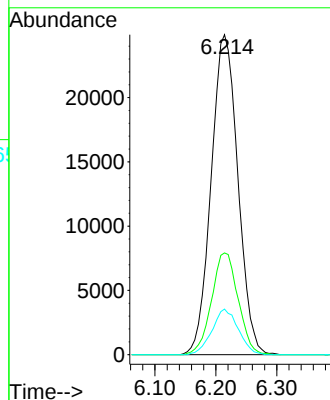
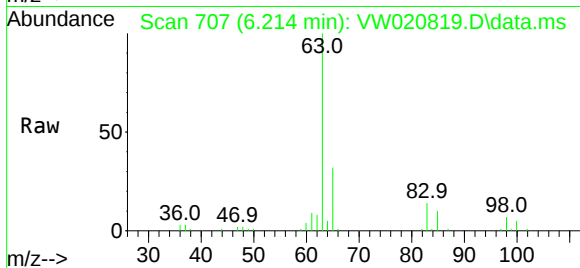
Tgt Ion: 63 Resp: 75954

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 14.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.013 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

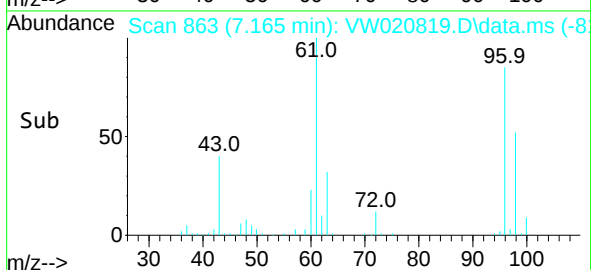
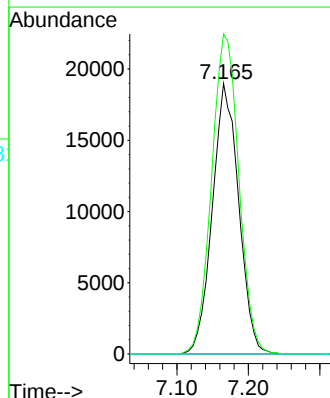
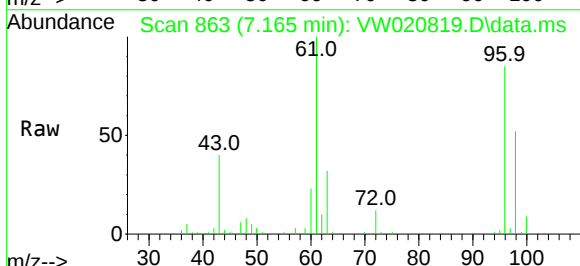
Tgt Ion: 96 Resp: 48539

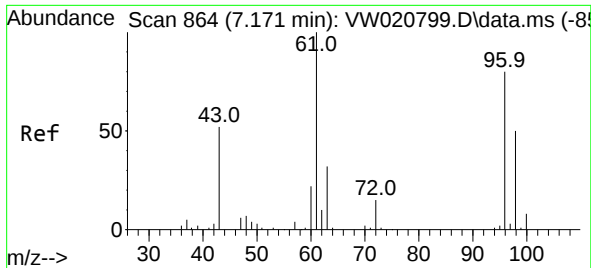
Ion Ratio Lower Upper

96 100

61 118.3 103.7 192.7

68 0.0 0.0 0.0

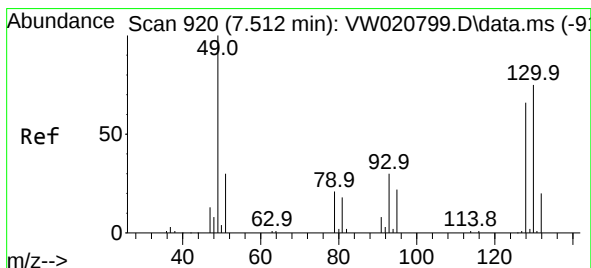
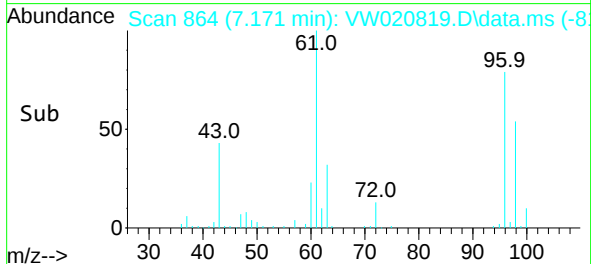
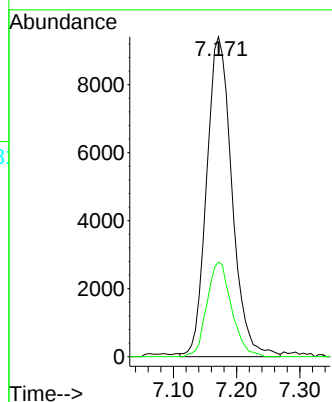
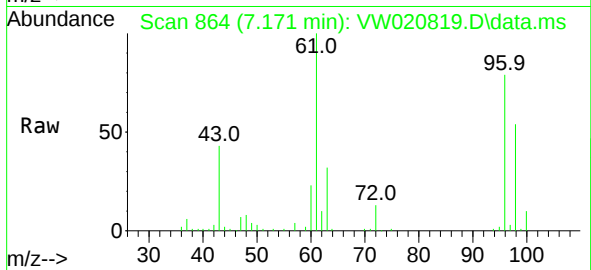




#22
2-Butanone
Concen: 50.212 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

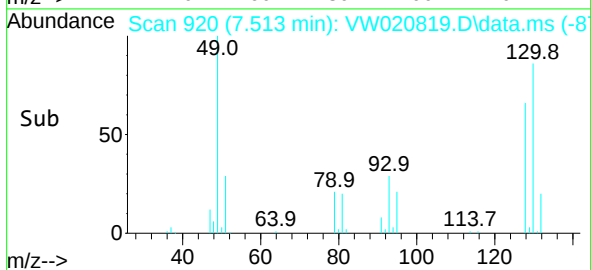
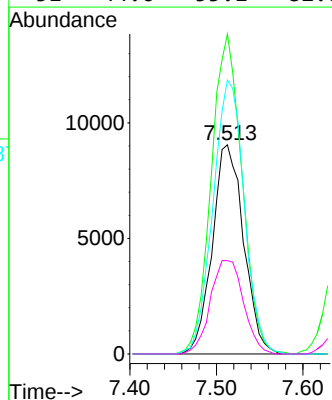
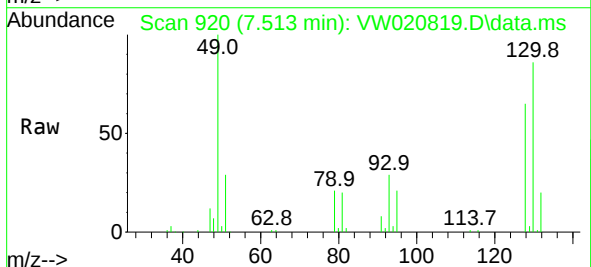
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

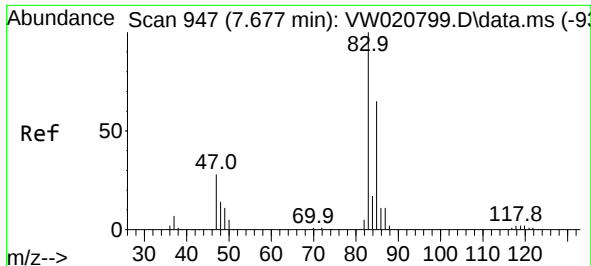
Tgt Ion: 43 Resp: 26245
Ion Ratio Lower Upper
43 100
72 28.6 11.8 35.4



#23
Bromochloromethane
Concen: 25.331 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 128 Resp: 22683
Ion Ratio Lower Upper
128 100
49 153.1 150.3 279.1
130 131.0 88.3 163.9
51 44.6 55.1 82.7#

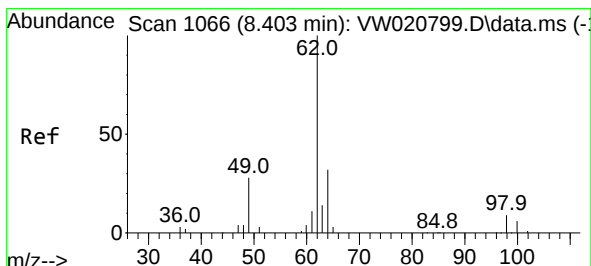
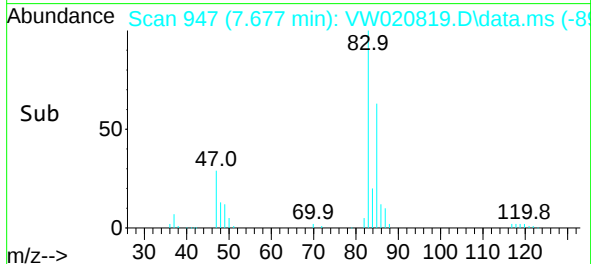
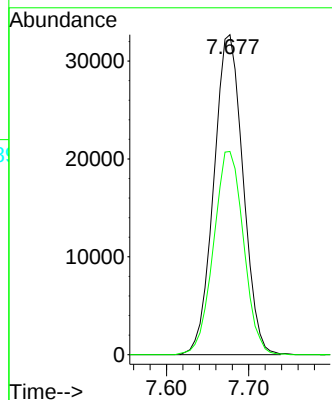
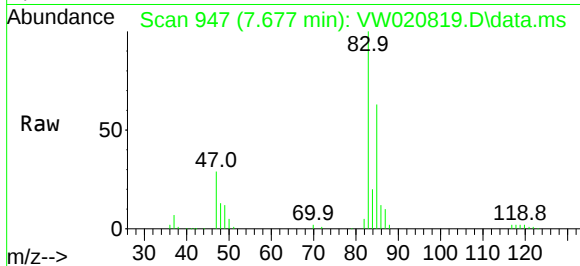




#25
Chloroform
Concen: 24.323 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

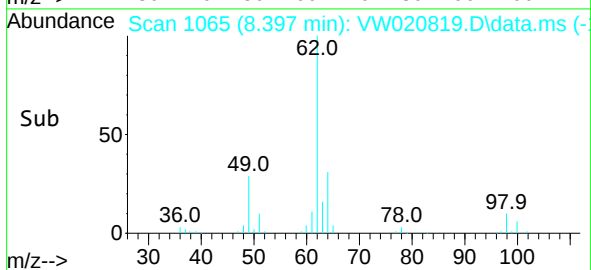
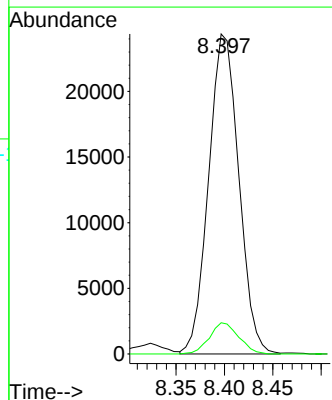
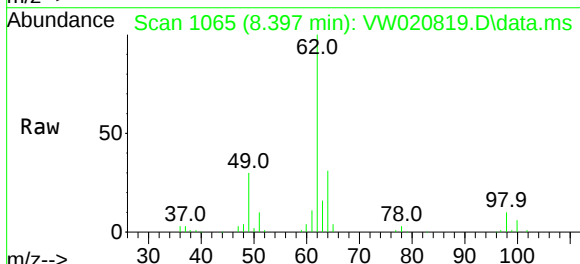
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

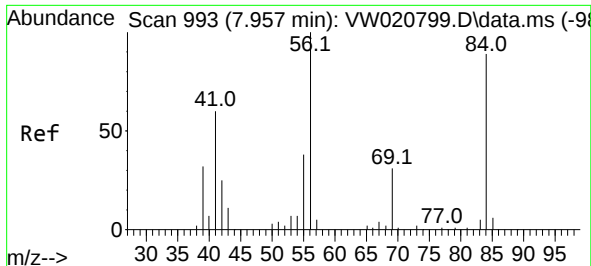
Tgt Ion: 83 Resp: 80732
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.622 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 62 Resp: 52905
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7#





#29

Cyclohexane

Concen: 21.817 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

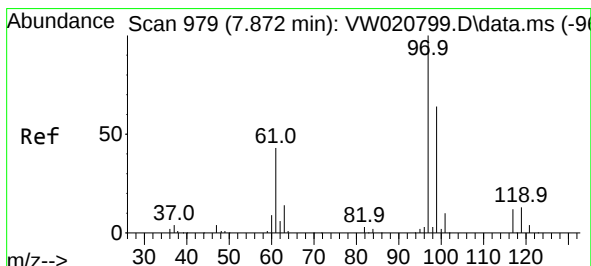
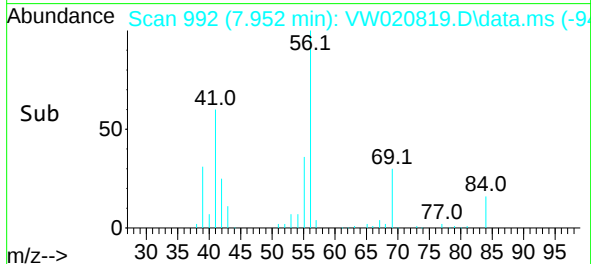
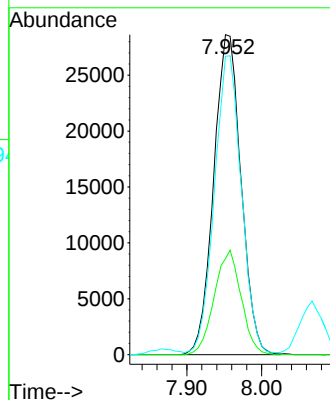
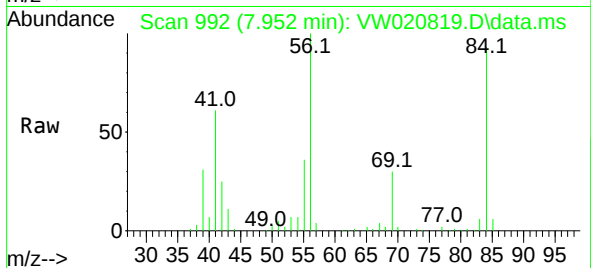
Tgt Ion: 56 Resp: 72844

Ion Ratio Lower Upper

56 100

69 32.0 23.5 35.3

84 92.7 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 22.950 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

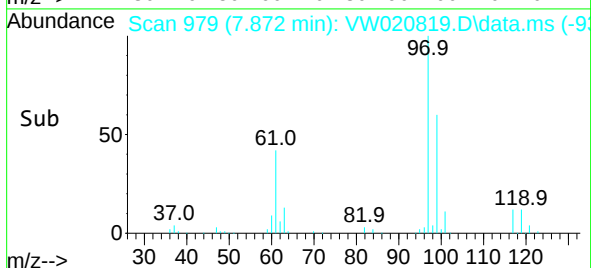
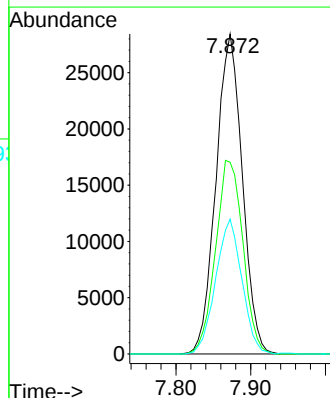
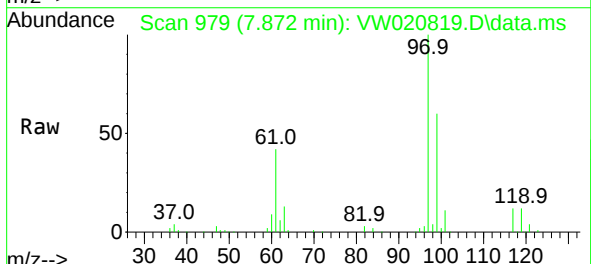
Tgt Ion: 97 Resp: 69796

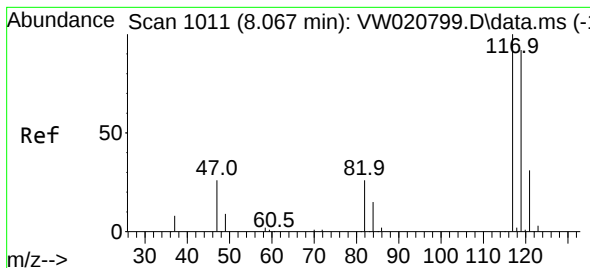
Ion Ratio Lower Upper

97 100

99 62.8 51.6 77.4

61 41.9 40.9 61.3





#31

Carbon tetrachloride

Concen: 22.709 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

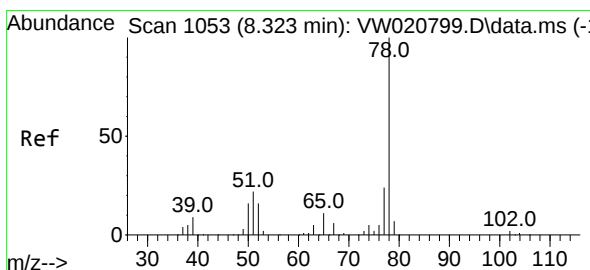
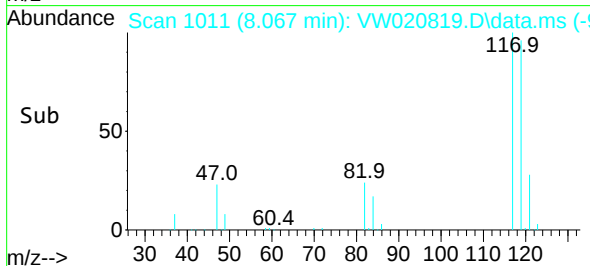
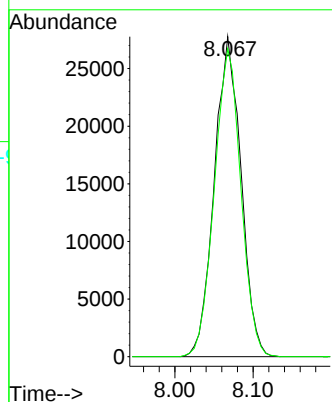
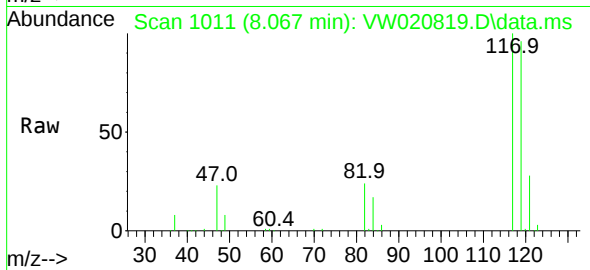
VSTD025486

Tgt Ion:117 Resp: 65720

Ion Ratio Lower Upper

117 100

119 95.9 75.7 113.5



#33

Benzene

Concen: 22.754 ug/L

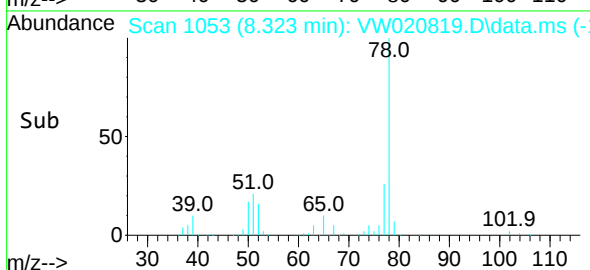
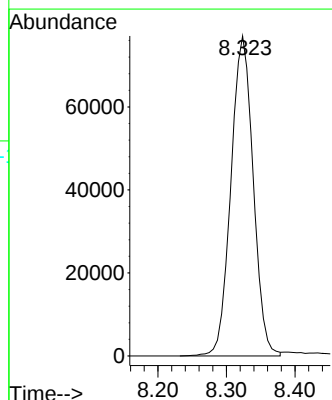
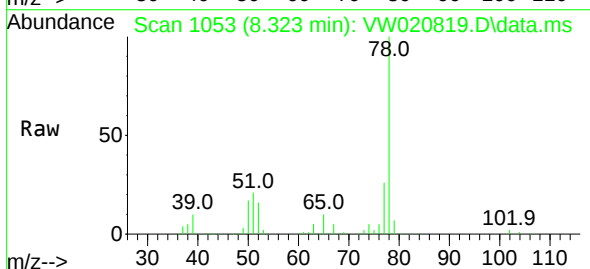
RT: 8.323 min Scan# 1053

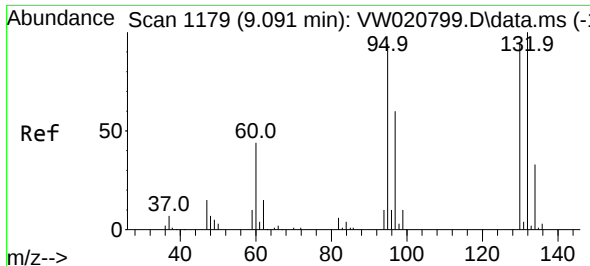
Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Tgt Ion: 78 Resp: 174399

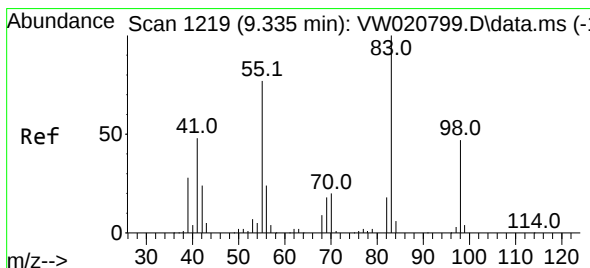
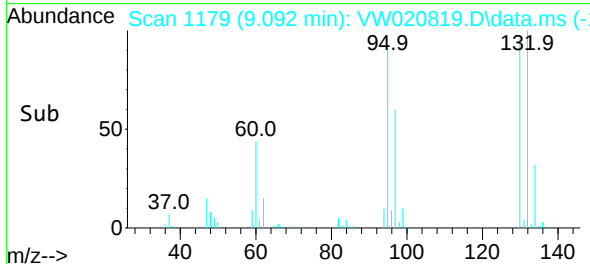
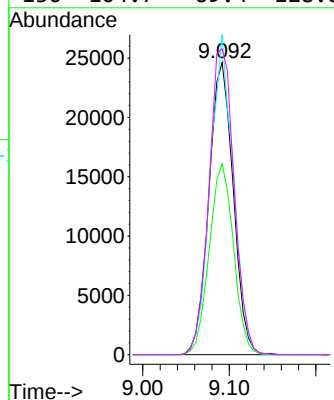
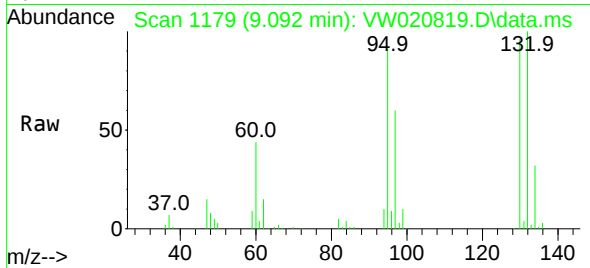




#34
Trichloroethene
Concen: 23.580 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

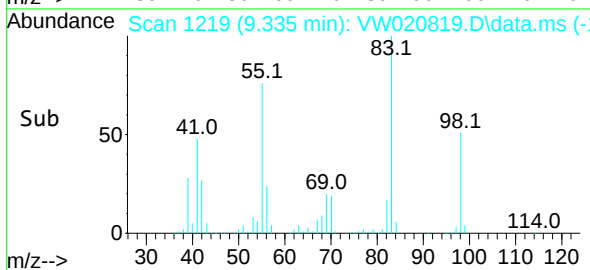
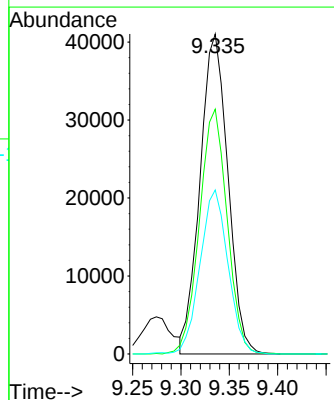
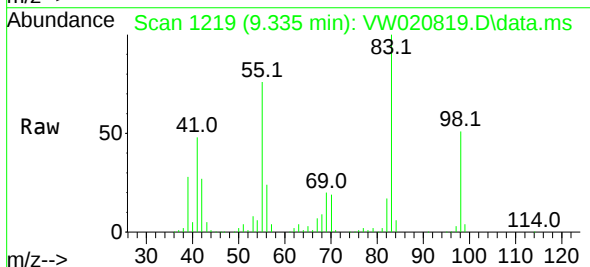
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

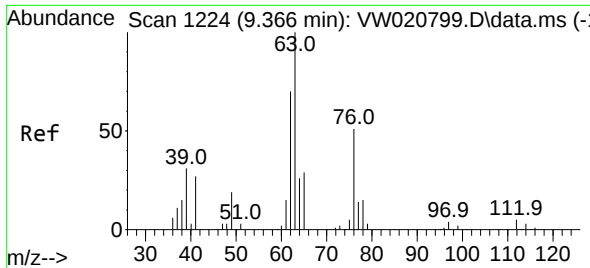
Tgt Ion: 95 Resp: 48106
Ion Ratio Lower Upper
95 100
97 65.4 47.0 87.2
132 109.6 65.5 121.6
130 104.7 69.4 128.8



#35
Methylcyclohexane
Concen: 23.114 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 83 Resp: 82289
Ion Ratio Lower Upper
83 100
55 76.1 70.8 106.2
98 51.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.064 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

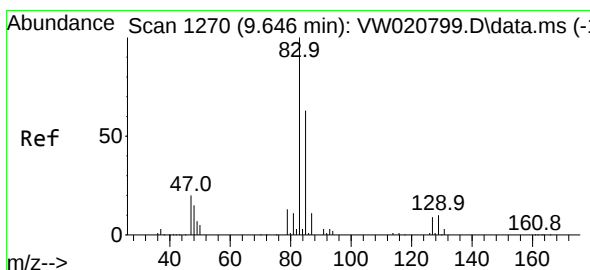
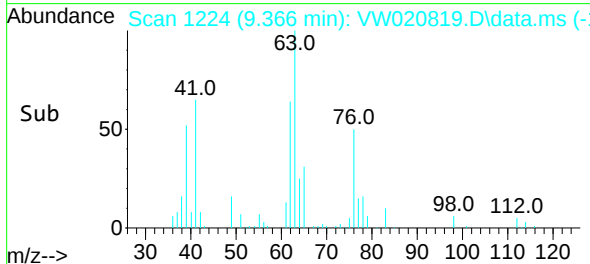
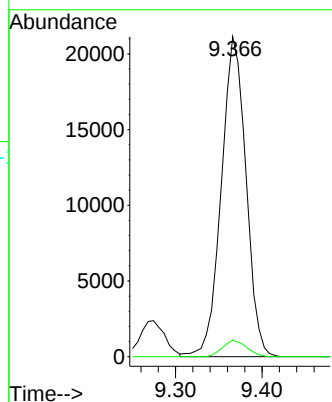
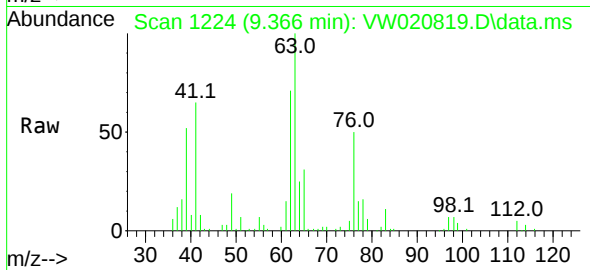
VSTD025486

Tgt Ion: 63 Resp: 41854

Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.833 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

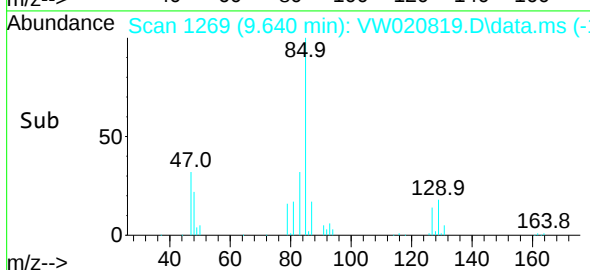
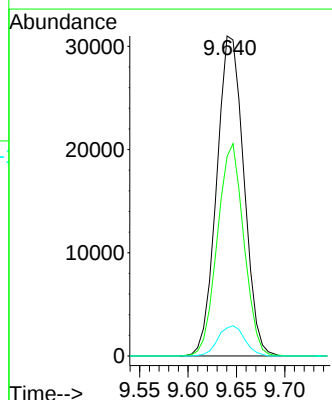
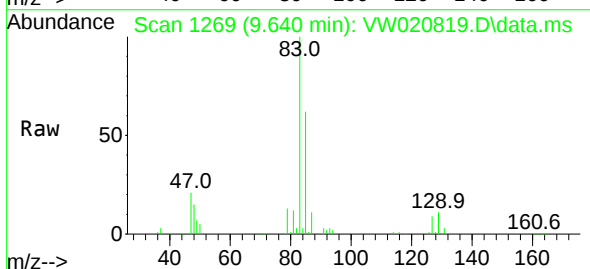
Tgt Ion: 83 Resp: 60541

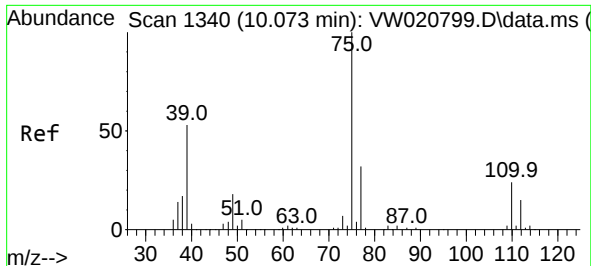
Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.630 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

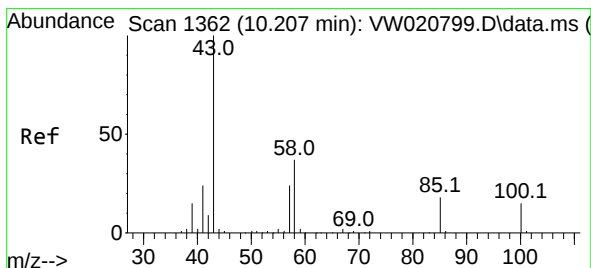
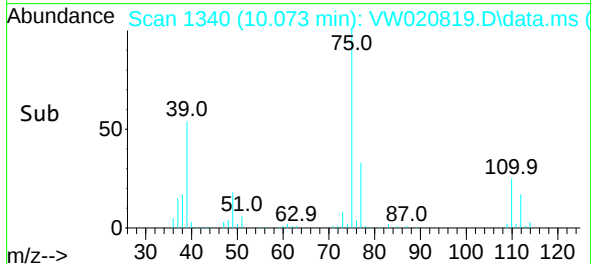
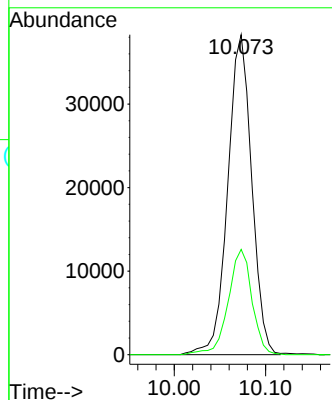
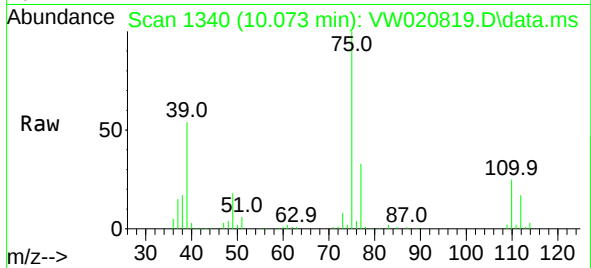
VSTD025486

Tgt Ion: 75 Resp: 69785

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.814 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

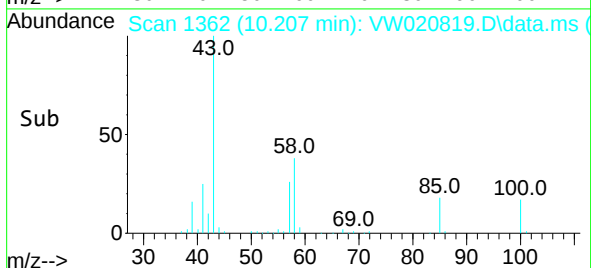
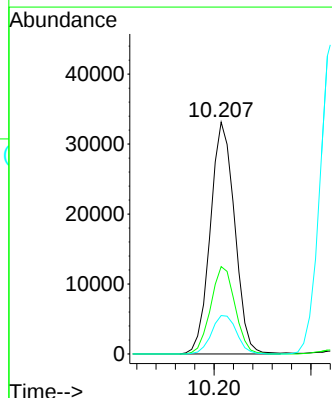
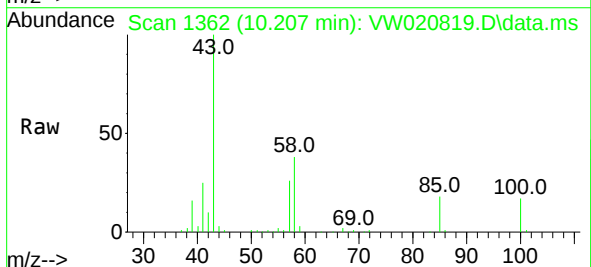
Tgt Ion: 43 Resp: 57892

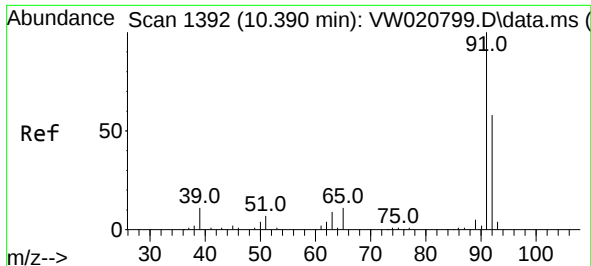
Ion Ratio Lower Upper

43 100

58 37.7 28.8 43.2

100 17.1 10.0 15.0#

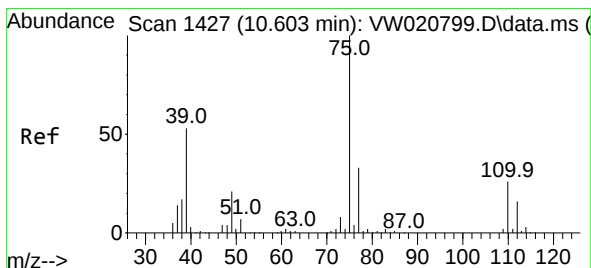
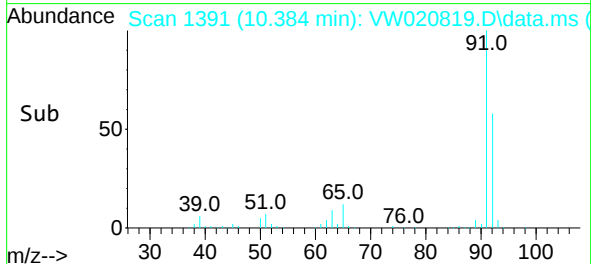
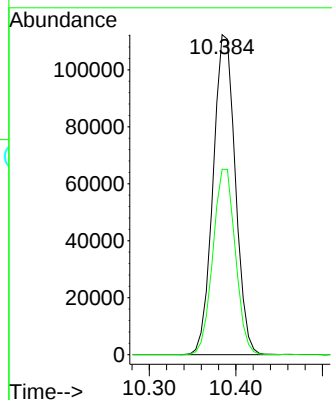
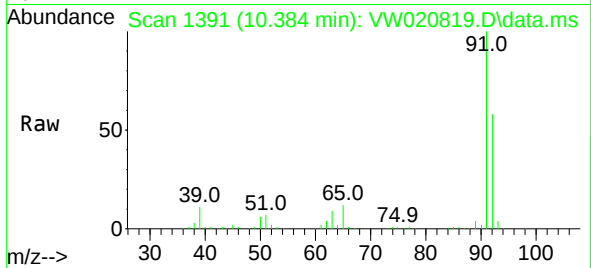




#42
Toluene
Concen: 24.355 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

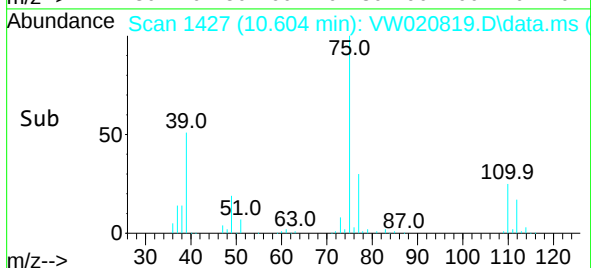
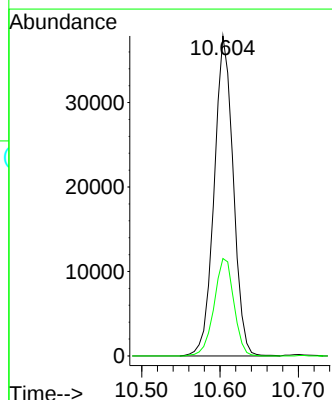
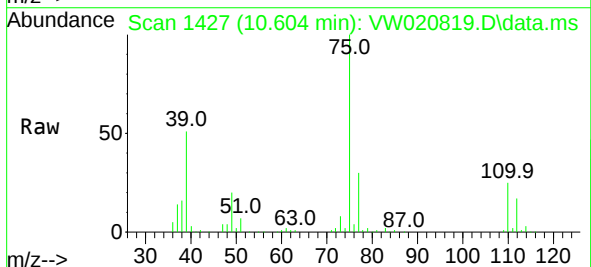
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

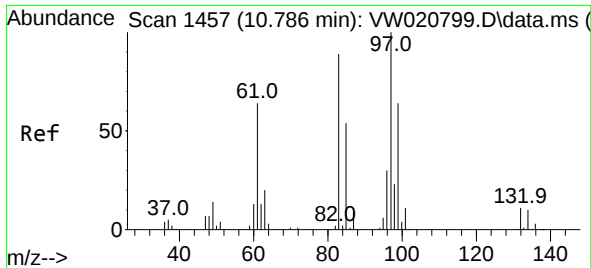
Tgt Ion: 91 Resp: 200732
Ion Ratio Lower Upper
91 100
92 58.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.023 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 75 Resp: 64173
Ion Ratio Lower Upper
75 100
77 30.5 22.2 41.2

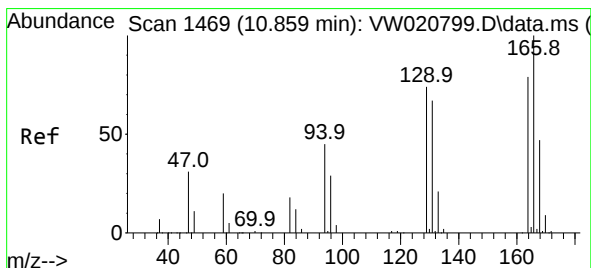
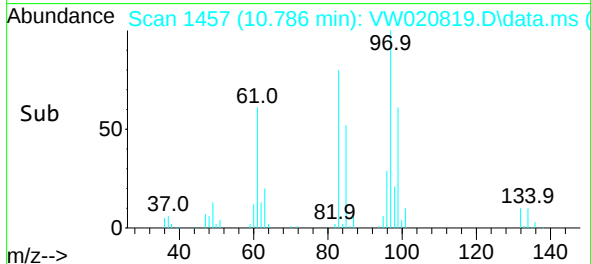
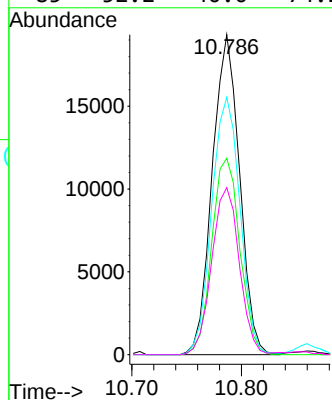
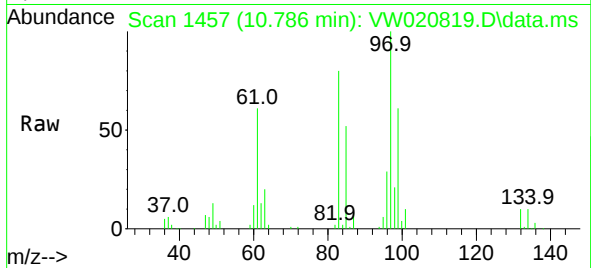




#45
1,1,2-Trichloroethane
Concen: 24.857 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

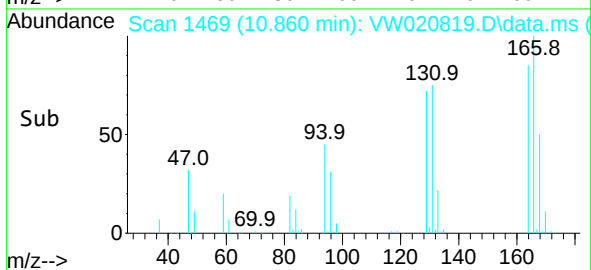
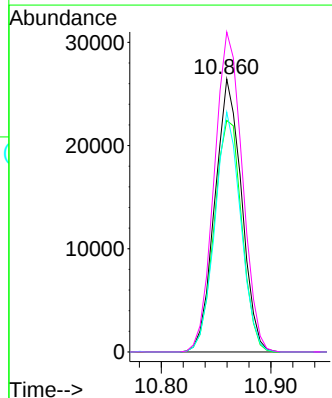
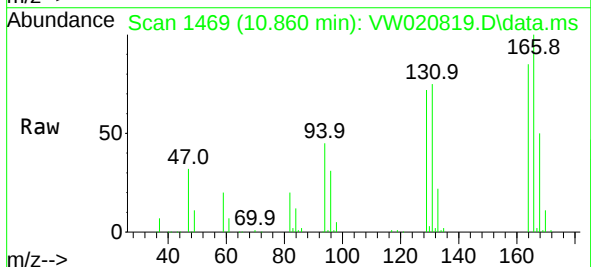
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

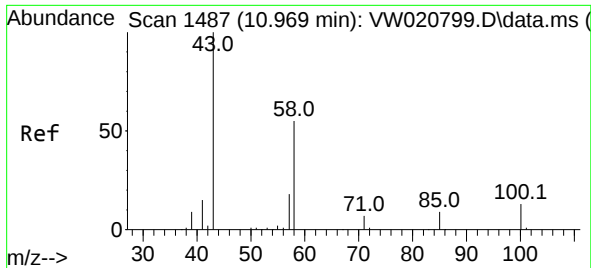
Tgt Ion:	97	Resp:	33475
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	80.5	62.6	116.3
85	52.2	40.0	74.2



#46
Tetrachloroethene
Concen: 24.503 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

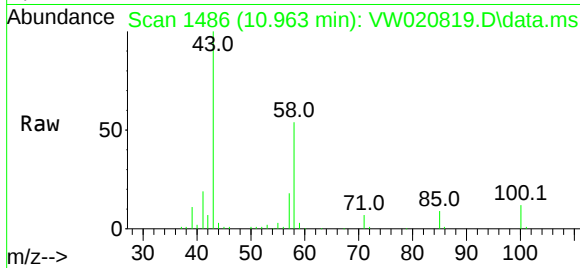
Tgt Ion:	164	Resp:	44837
Ion	Ratio	Lower	Upper
164	100		
129	84.8	65.5	121.7
131	87.9	59.7	110.9
166	117.2	88.7	164.7



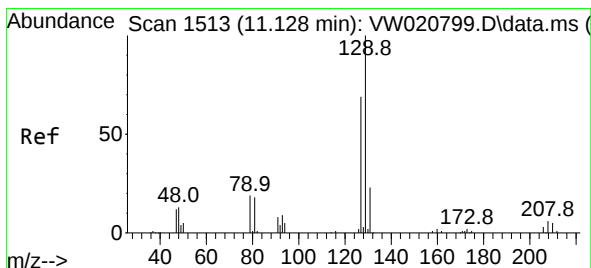
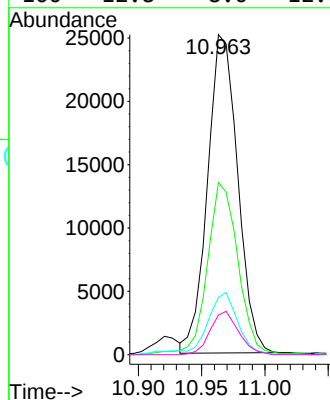
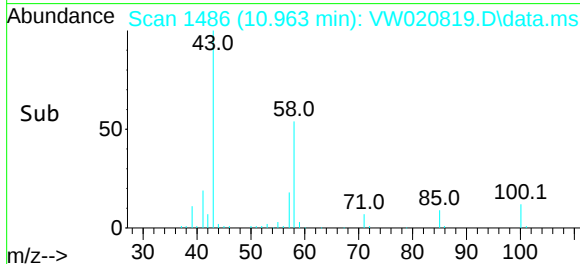


#48
2-Hexanone
Concen: 48.194 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

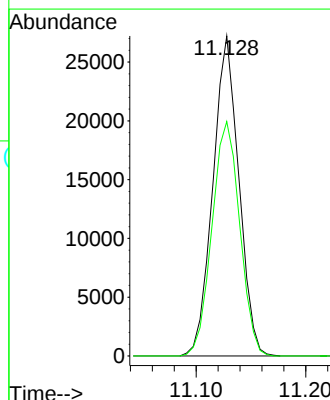
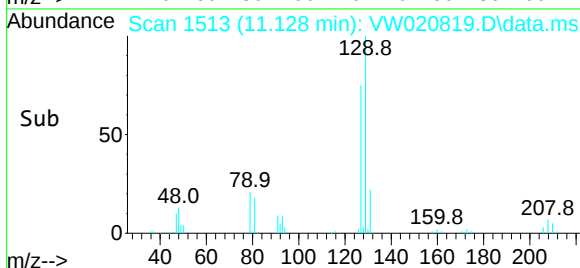
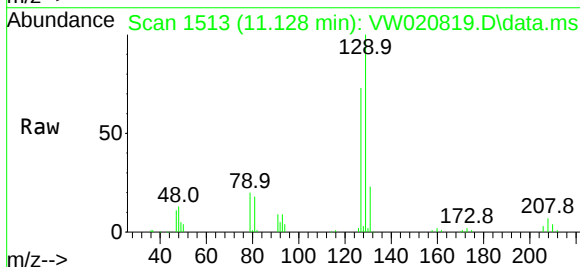


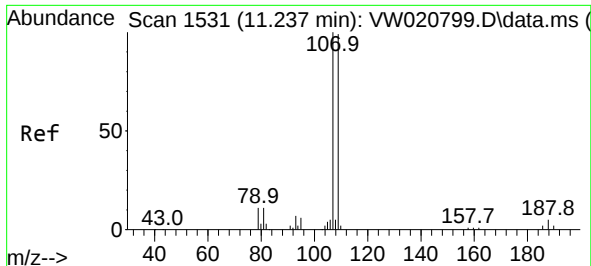
Tgt Ion: 43 Resp: 41736
Ion Ratio Lower Upper
43 100
58 54.8 40.2 60.2
57 18.7 14.3 21.5
100 12.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.362 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 129 Resp: 44804
Ion Ratio Lower Upper
129 100
127 73.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.371 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

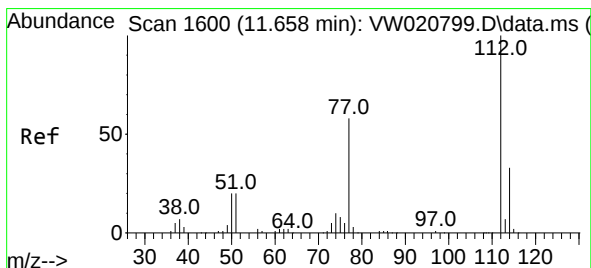
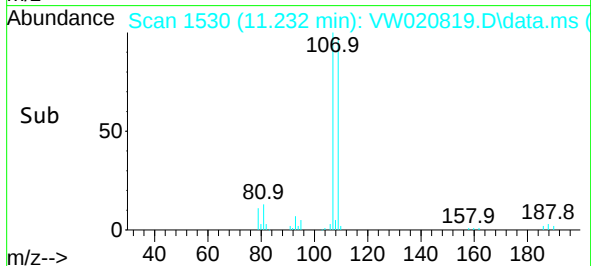
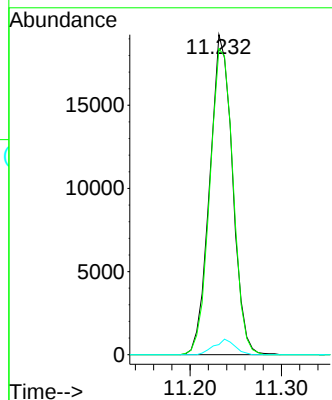
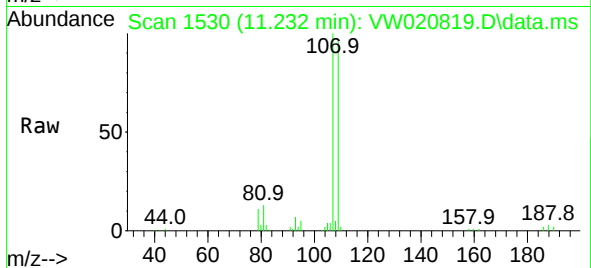
Tgt Ion:107 Resp: 33279

Ion Ratio Lower Upper

107 100

109 95.6 64.1 119.1

188 3.1 2.6 3.8



#51

Chlorobenzene

Concen: 24.286 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

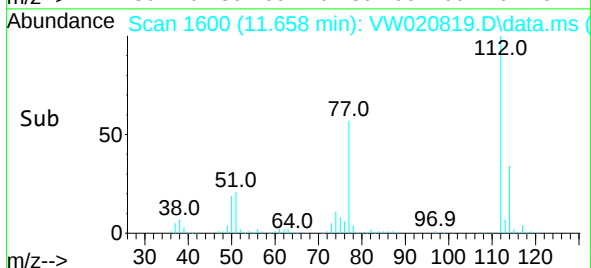
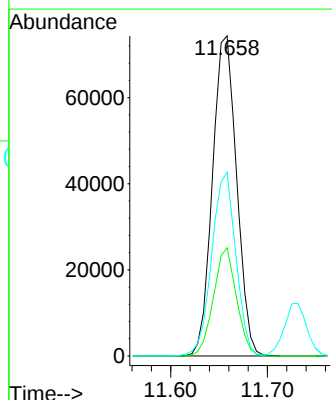
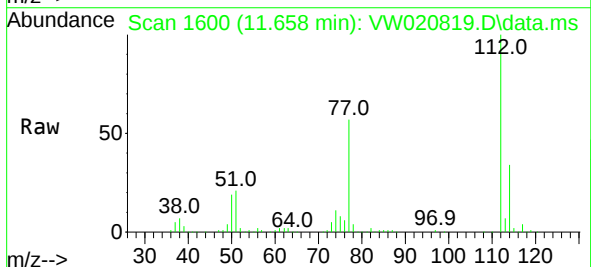
Tgt Ion:112 Resp: 129104

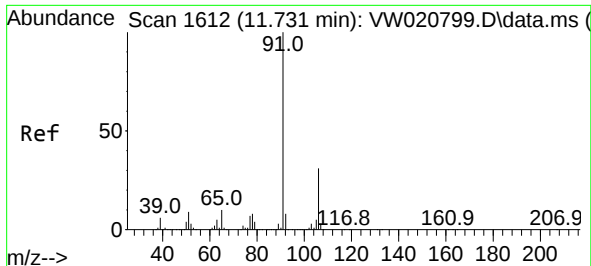
Ion Ratio Lower Upper

112 100

114 33.8 22.4 41.6

77 57.4 50.2 75.4

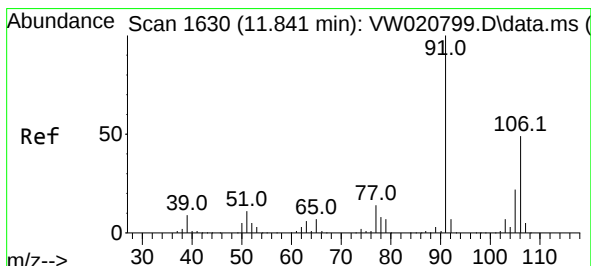
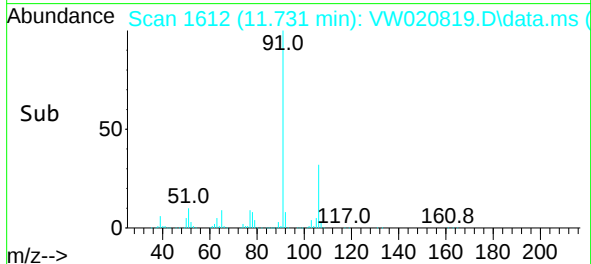
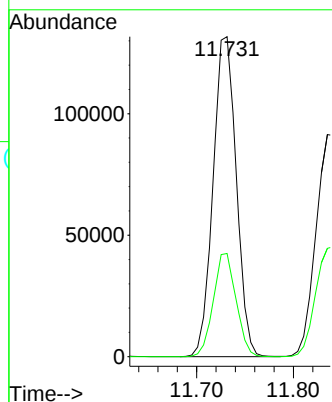
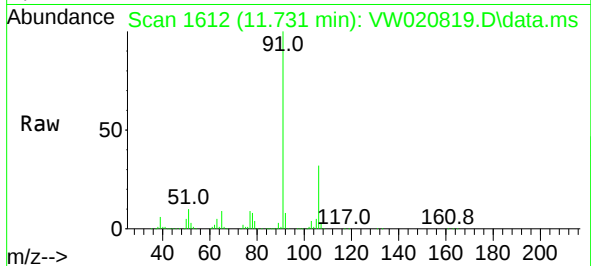




#52
Ethylbenzene
Concen: 23.797 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

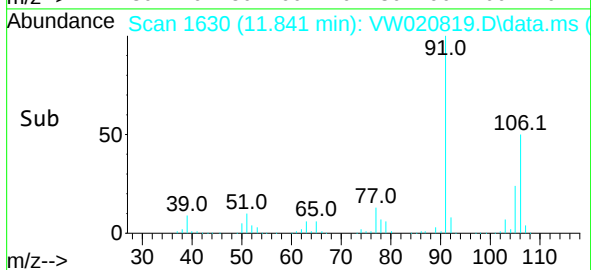
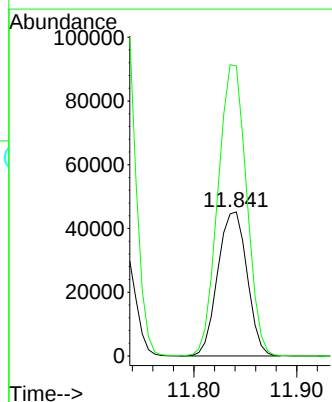
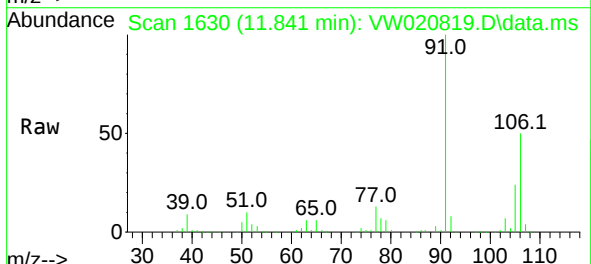
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

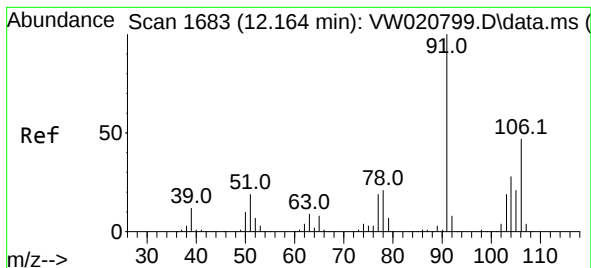
Tgt Ion: 91 Resp: 219749
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 24.210 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion:106 Resp: 89571
Ion Ratio Lower Upper
106 100
91 201.6 149.9 278.3





#54

o-Xylene

Concen: 24.923 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

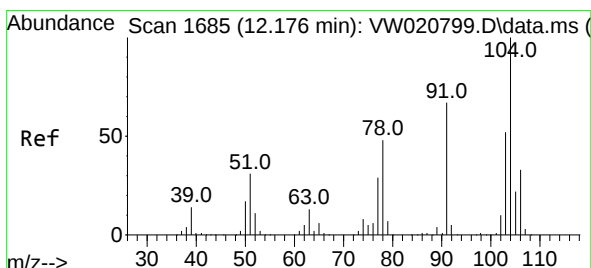
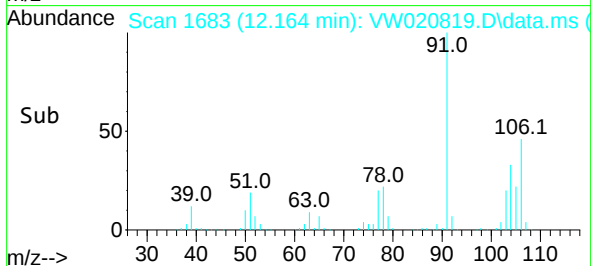
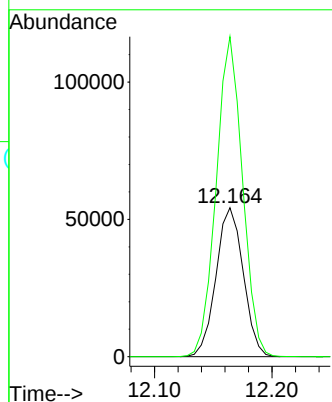
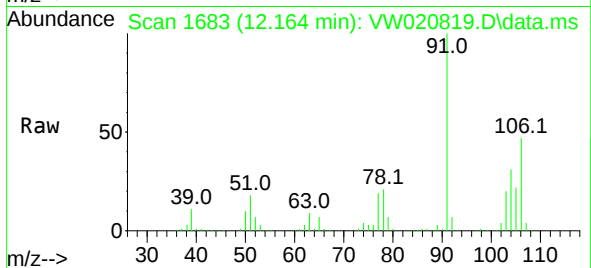
VSTD025486

Tgt Ion:106 Resp: 87349

Ion Ratio Lower Upper

106 100

91 214.9 153.6 285.3



#55

Styrene

Concen: 24.575 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW020819.D

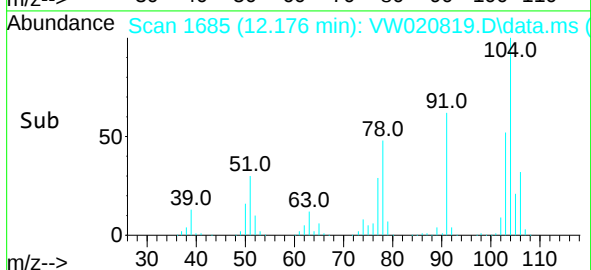
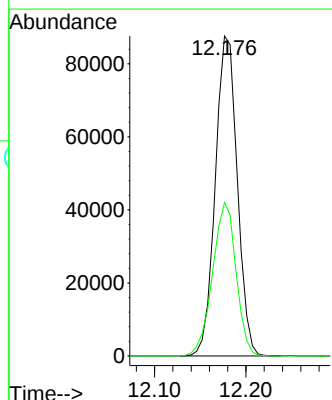
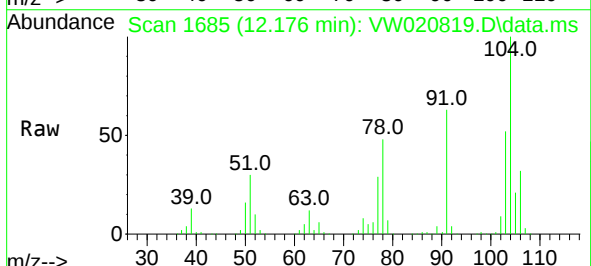
Acq: 08 Nov 2021 18:33

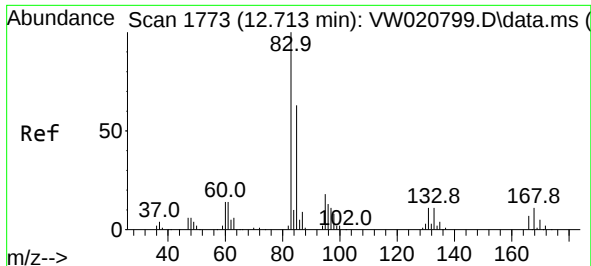
Tgt Ion:104 Resp: 146420

Ion Ratio Lower Upper

104 100

78 48.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.659 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

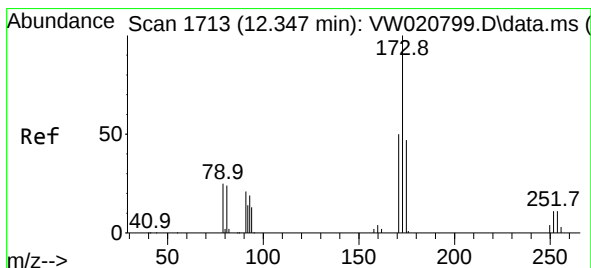
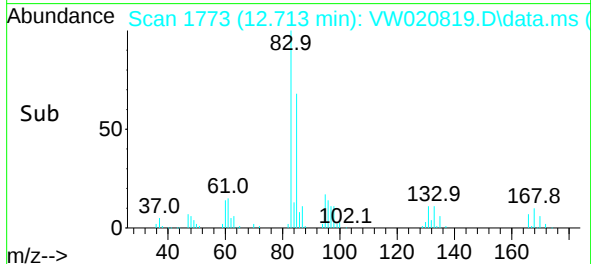
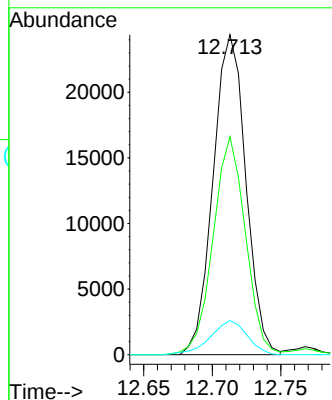
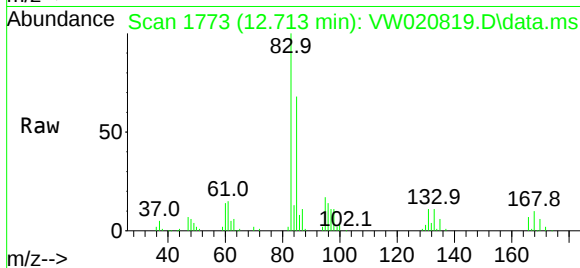
Tgt Ion: 83 Resp: 40499

Ion Ratio Lower Upper

83 100

85 68.1 44.0 81.6

131 10.6 6.9 10.3#



#59

Bromoform

Concen: 25.086 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

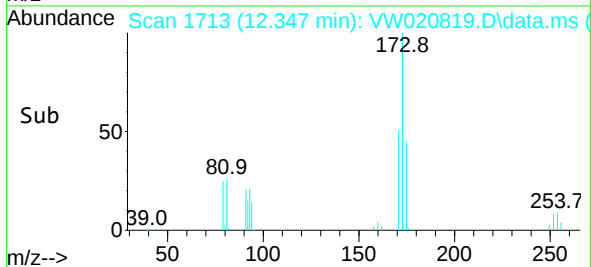
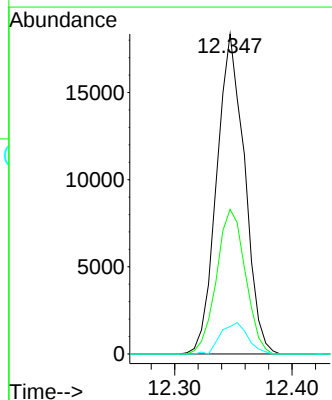
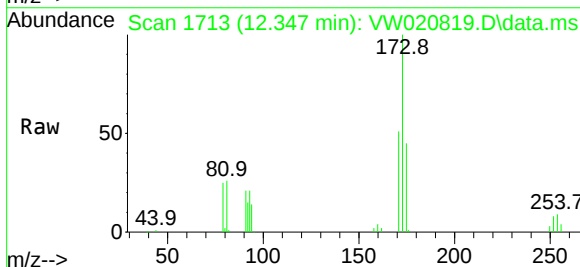
Tgt Ion:173 Resp: 30279

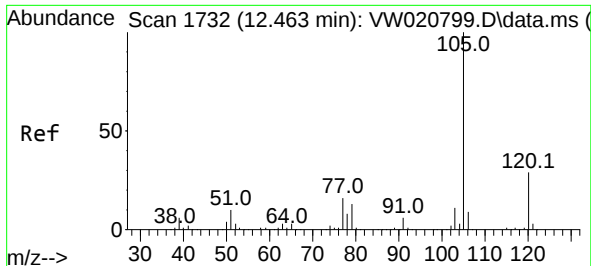
Ion Ratio Lower Upper

173 100

175 46.7 39.6 59.4

254 9.4 7.4 11.0

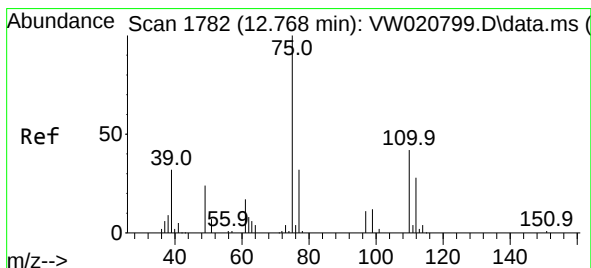
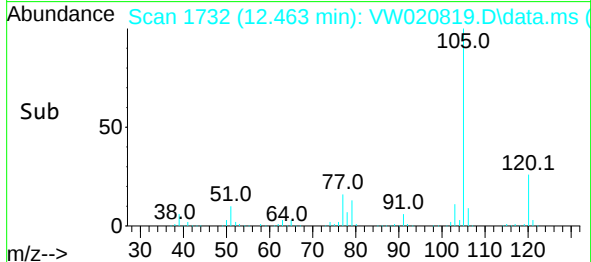
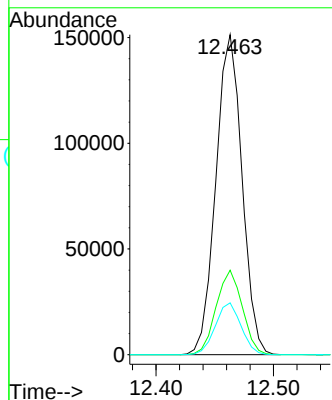
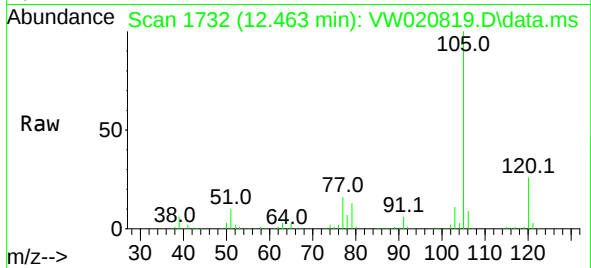




#60
Isopropylbenzene
Concen: 23.834 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

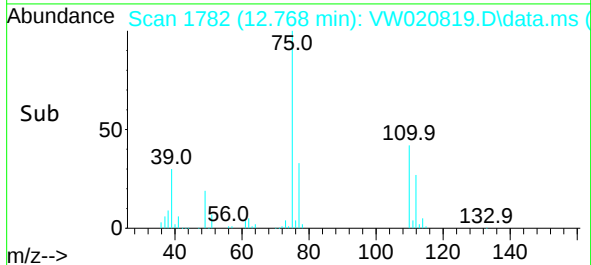
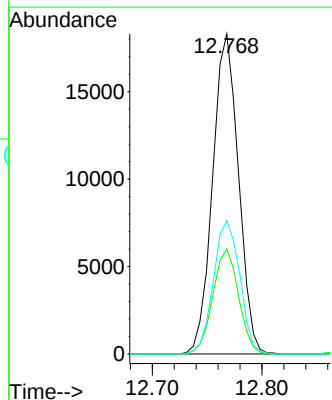
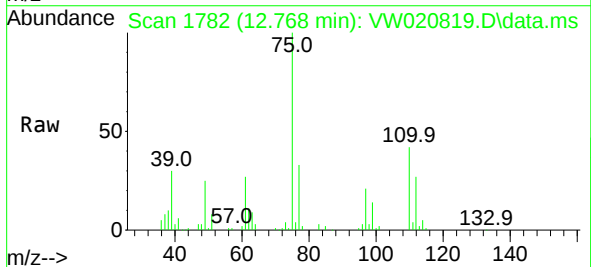
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

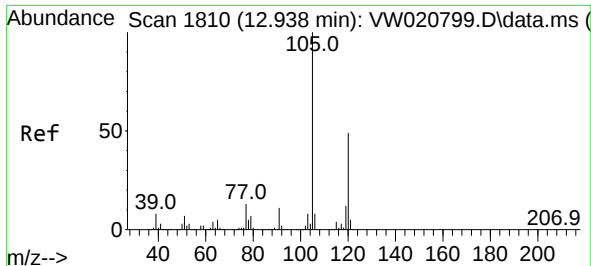
Tgt Ion:105 Resp: 234414
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1
77 16.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.438 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion: 75 Resp: 29998
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 42.5 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 24.034 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

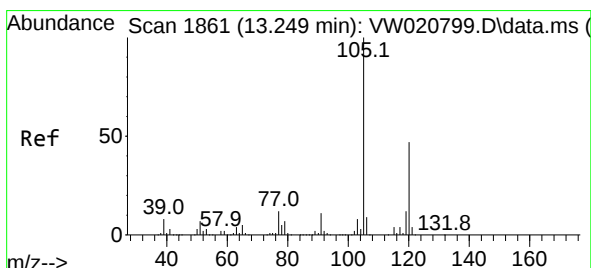
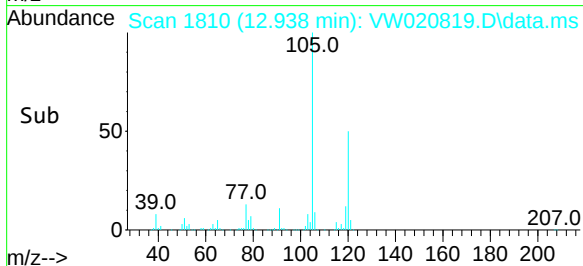
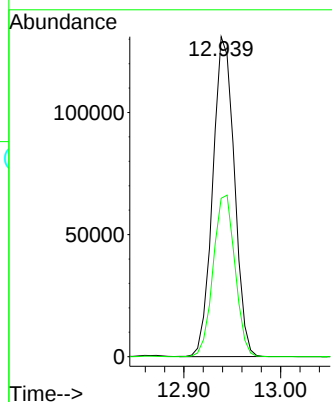
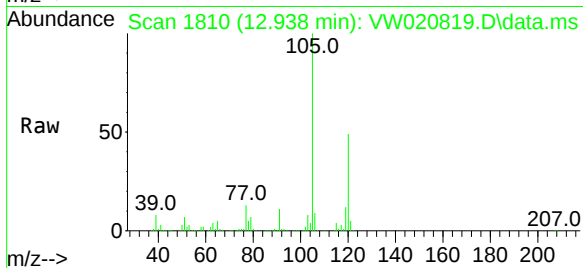
VSTD025486

Tgt Ion:105 Resp: 203127

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.895 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW020819.D

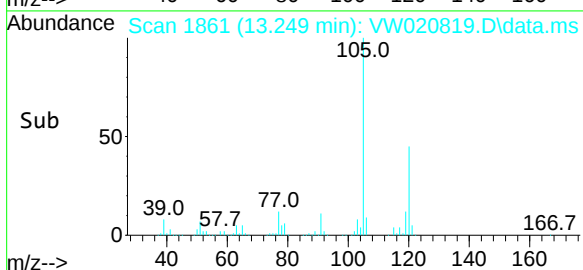
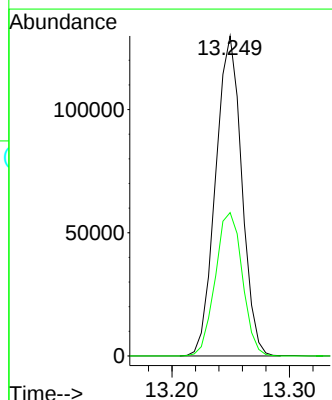
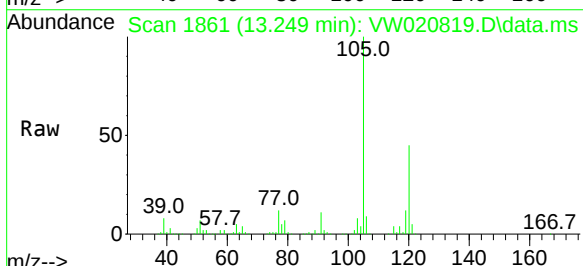
Acq: 08 Nov 2021 18:33

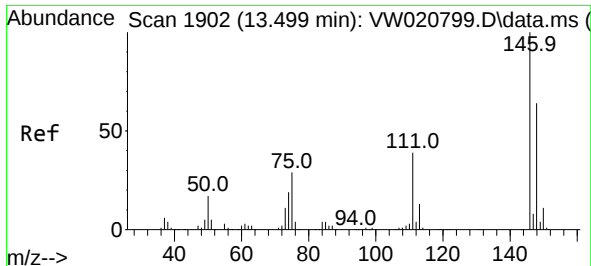
Tgt Ion:105 Resp: 200614

Ion Ratio Lower Upper

105 100

120 46.3 35.0 52.6

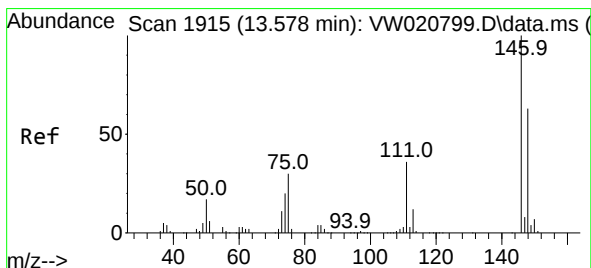
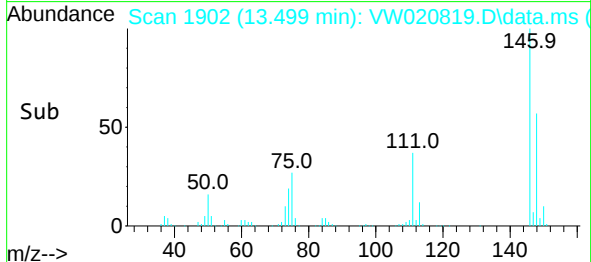
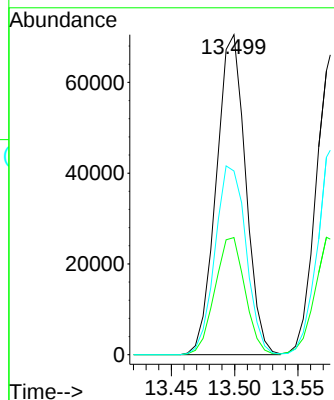
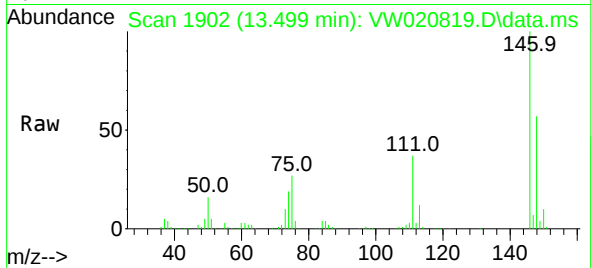




#64
1,3-Dichlorobenzene
Concen: 24.960 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

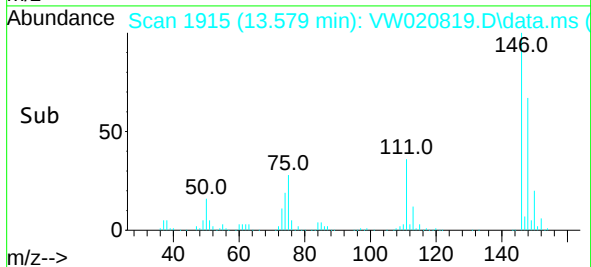
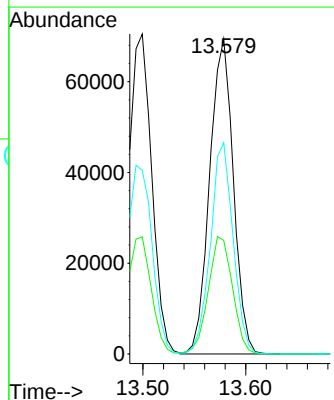
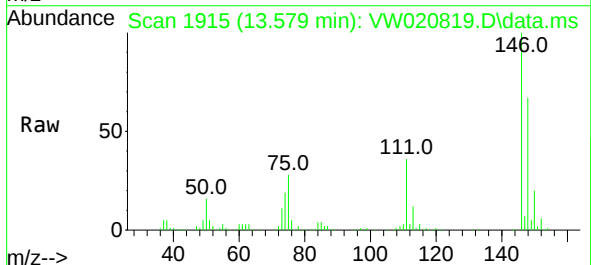
Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

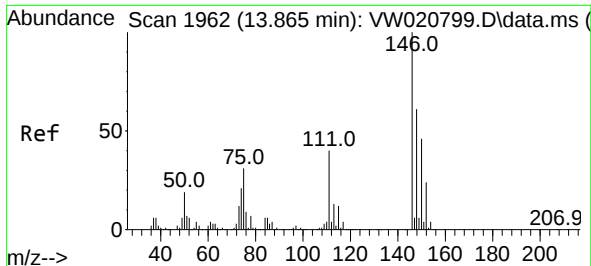
Tgt Ion:146 Resp: 113821
Ion Ratio Lower Upper
146 100
111 36.6 29.8 55.3
148 57.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.444 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion:146 Resp: 111039
Ion Ratio Lower Upper
146 100
111 36.1 29.0 53.9
148 67.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.507 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

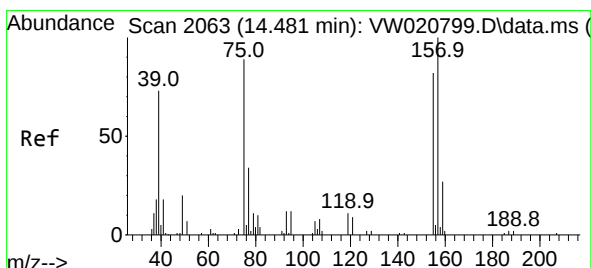
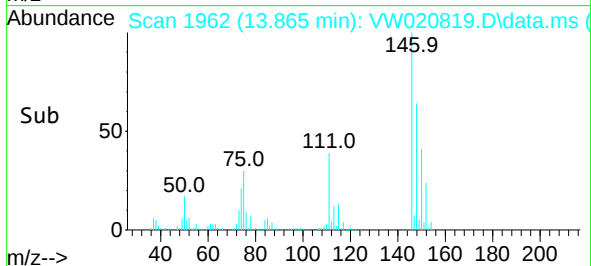
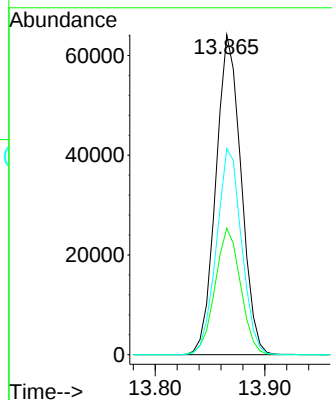
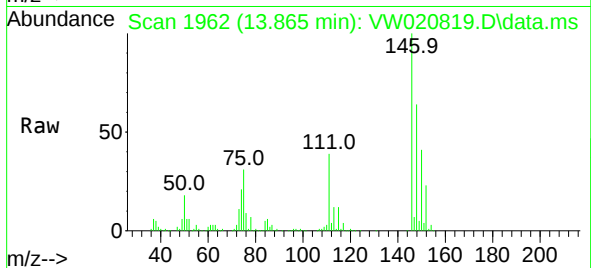
Tgt Ion:146 Resp: 102748

Ion Ratio Lower Upper

146 100

111 39.5 33.1 49.7

148 64.4 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.108 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

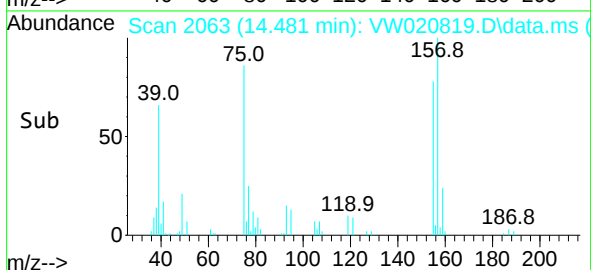
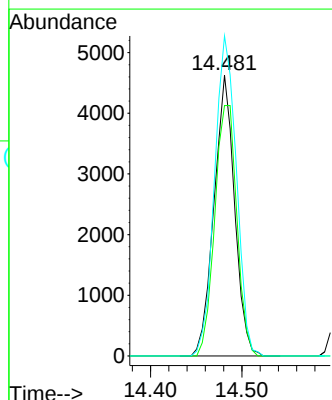
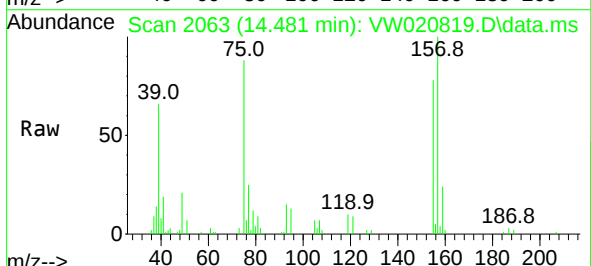
Tgt Ion: 75 Resp: 7238

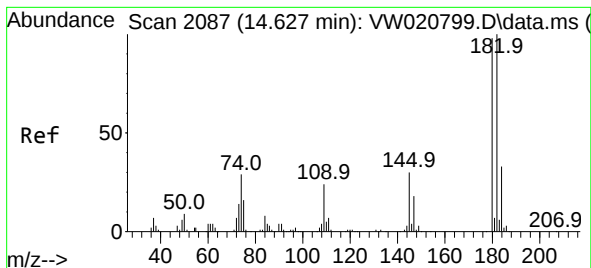
Ion Ratio Lower Upper

75 100

155 89.2 54.2 81.2#

157 114.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 25.375 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025486

Tgt Ion:180 Resp: 91848

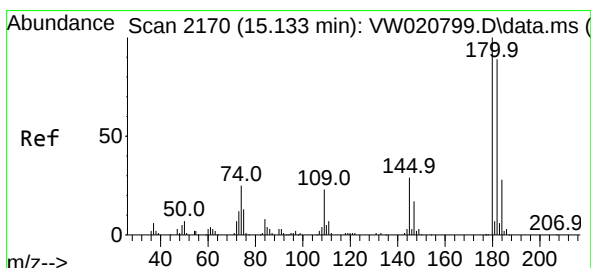
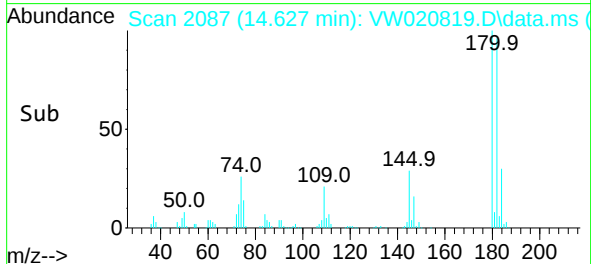
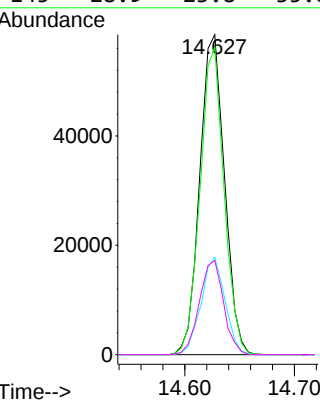
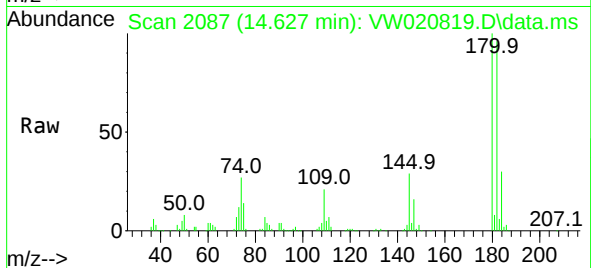
Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.0

184 29.6 23.8 35.8

145 28.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 25.675 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020819.D

Acq: 08 Nov 2021 18:33

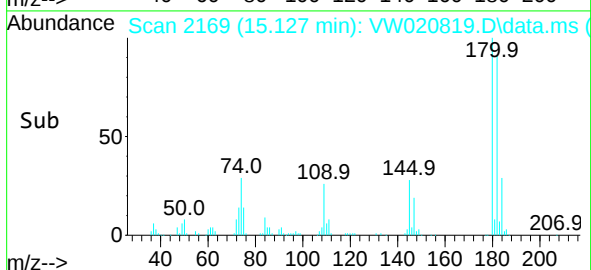
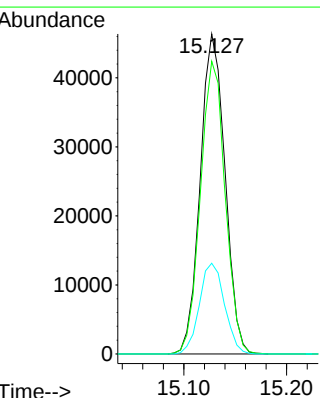
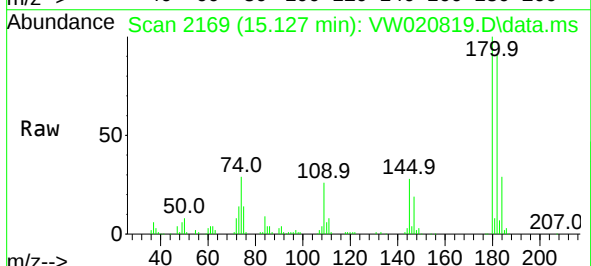
Tgt Ion:180 Resp: 77474

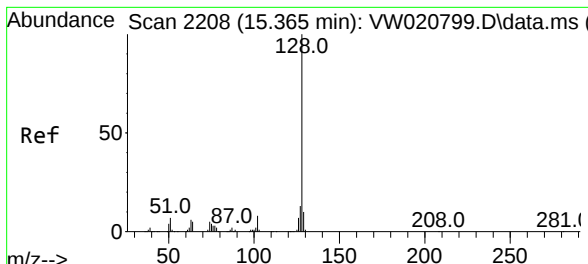
Ion Ratio Lower Upper

180 100

182 91.4 79.0 118.6

145 28.7 26.0 39.0

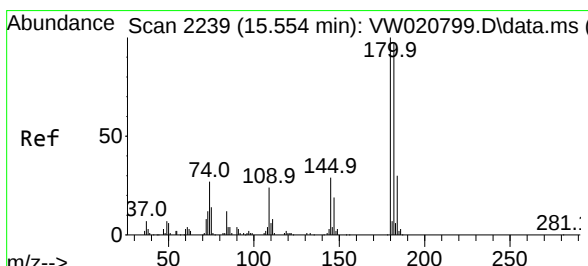
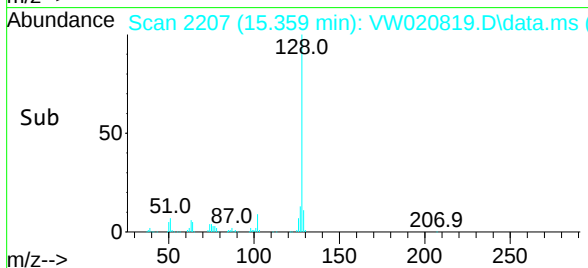
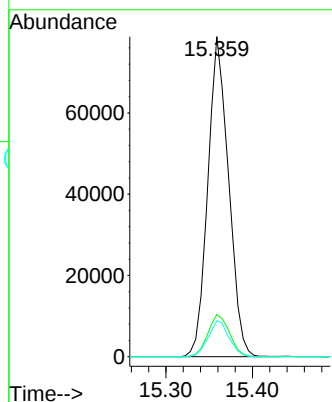
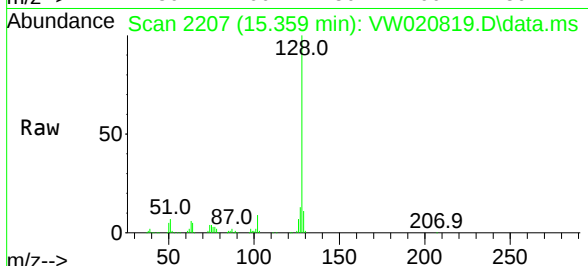




#71
Naphthalene
Concen: 25.758 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025486

Tgt Ion:128 Resp: 131378
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 25.774 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020819.D
Acq: 08 Nov 2021 18:33

Tgt Ion:180 Resp: 66091
Ion Ratio Lower Upper
180 100
182 91.0 76.6 114.8
145 30.7 27.4 41.0

