

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
 Data File : VW023830.D
 Acq On : 18 Jul 2022 09:56
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Jul 19 01:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:58:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199004	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	210778	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127651	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	135230	26.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.440%
7) Chloroethane-d5	2.873	69	95862	28.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.080%
11) 1,1-Dichloroethene-d2	4.019	63	85961	20.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.080%
21) 2-Butanone-d5	7.074	46	31694	40.201	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.400%
24) Chloroform-d	7.647	84	123165	21.258	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	8.305	65	72154	20.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.440%
32) Benzene-d6	8.269	84	234243	21.379	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.275	67	69111	20.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	10.317	98	244059	21.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.840%
43) trans-1,3-Dichloroprop...	10.573	79	35232	22.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.080%
47) 2-Hexanone-d5	10.927	63	30346	43.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	80695	22.124	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	95720	21.006	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	25799	19.077	ug/L	95
3) Chloromethane	2.215	50	72127	21.779	ug/L	100
5) Vinyl chloride	2.355	62	147160	25.877	ug/L	100
6) Bromomethane	2.770	94	96760	26.305	ug/L	93
8) Chloroethane	2.910	64	71644	26.928	ug/L	98
9) Trichlorofluoromethane	3.239	101	66835	25.855	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	54602	21.583	ug/L	98
12) 1,1-Dichloroethene	4.032	96	47067	22.312	ug/L	90
13) Acetone	4.117	43	25062	44.963	ug/L	99
14) Carbon disulfide	4.373	76	119485	19.255	ug/L	100
15) Methyl Acetate	4.672	43	24473	19.618	ug/L	96
16) Methylene chloride	4.909	84	55514	17.840	ug/L	90
17) trans-1,2-Dichloroethene	5.422	96	52882	20.661	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	83439	21.072	ug/L	96
19) 1,1-Dichloroethane	6.208	63	99211	21.014	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	58915	20.777	ug/L #	99
23) Bromochloromethane	7.507	128	27658	20.305	ug/L	88
25) Chloroform	7.671	83	112658	20.713	ug/L	96
27) 1,2-Dichloroethane	8.397	62	81607	20.386	ug/L	99

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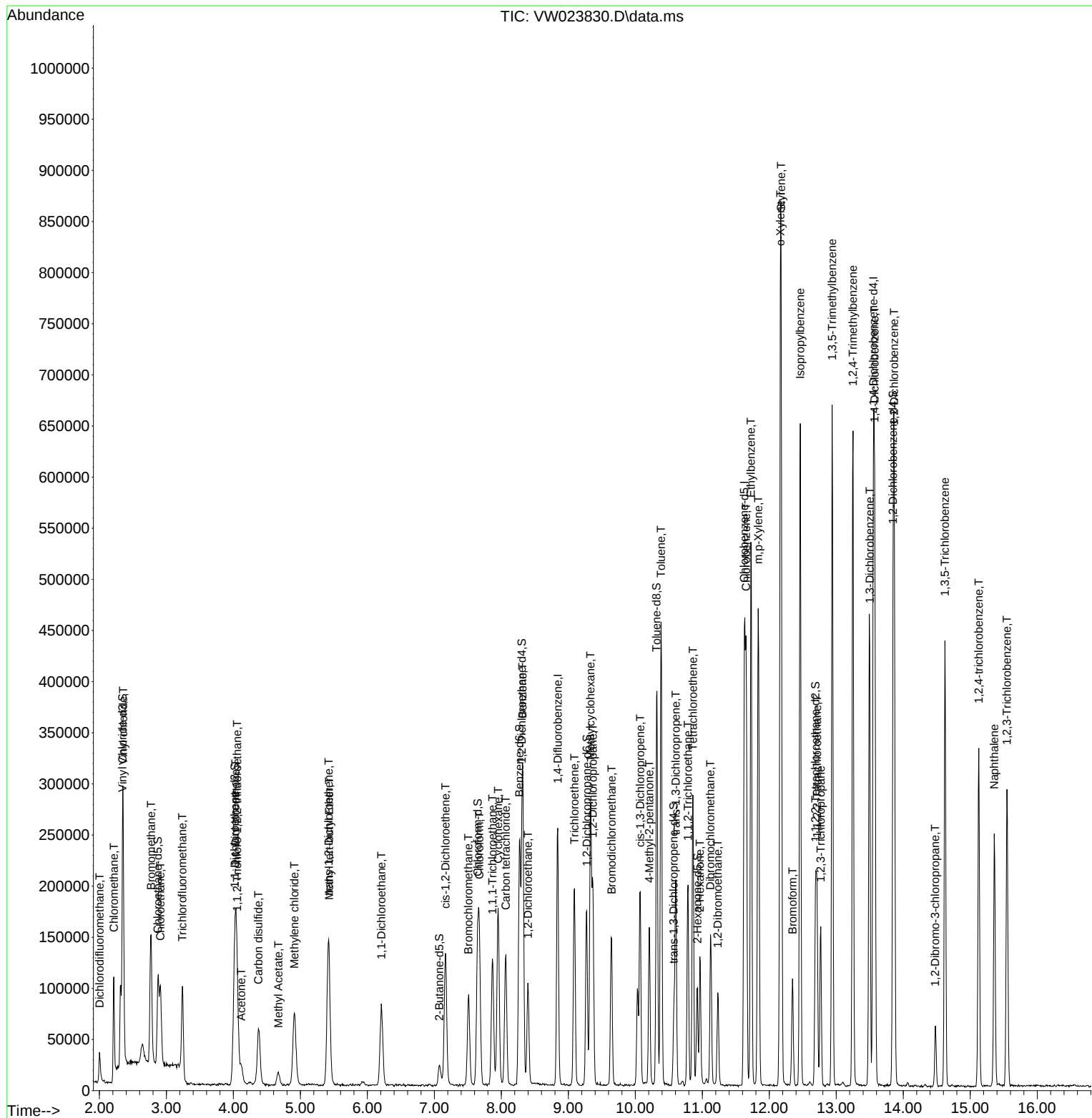
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.952	56	79474	20.616	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	91201	19.984	ug/L	98
31) Carbon tetrachloride	8.067	117	85153	20.698	ug/L	99
33) Benzene	8.317	78	248792	20.771	ug/L	100
34) Trichloroethene	9.092	95	61264	19.369	ug/L	93
35) Methylcyclohexane	9.329	83	100840	20.937	ug/L	97
37) 1,2-Dichloropropane	9.366	63	64343	21.427	ug/L	100
38) Bromodichloromethane	9.646	83	88945	21.222	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	97798	21.607	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	94818	45.375	ug/L	97
42) Toluene	10.384	91	311707	22.819	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	97496	22.663	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	55137	20.999	ug/L	99
46) Tetrachloroethene	10.860	164	54103	22.122	ug/L	95
48) 2-Hexanone	10.963	43	76728	50.432	ug/L	98
49) Dibromochloromethane	11.122	129	68691	22.558	ug/L	100
50) 1,2-Dibromoethane	11.231	107	53126	21.060	ug/L #	98
51) Chlorobenzene	11.652	112	198076	21.500	ug/L	97
52) Ethylbenzene	11.725	91	356329	22.955	ug/L	98
53) m,p-Xylene	11.835	106	139473	23.029	ug/L	96
54) o-Xylene	12.164	106	135166	23.239	ug/L	99
55) Styrene	12.176	104	249273	24.259	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	79385	22.165	ug/L	98
59) Bromoform	12.347	173	39165	20.807	ug/L #	96
60) Isopropylbenzene	12.463	105	381800	22.266	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	56083	20.037	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	312205	22.239	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	312707	22.279	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	170102	21.849	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	174302	21.044	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	155810	21.220	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.475	75	13200	20.447	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	110459	21.435	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	85439	21.472	ug/L	97
71) Naphthalene	15.359	128	193861	22.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	86561	23.339	ug/L	94

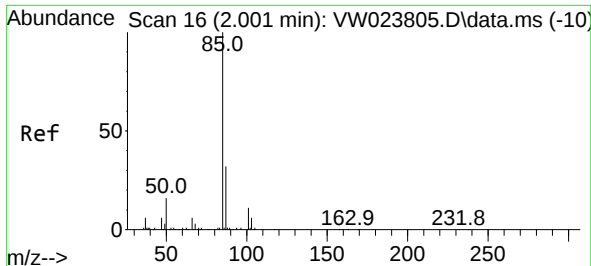
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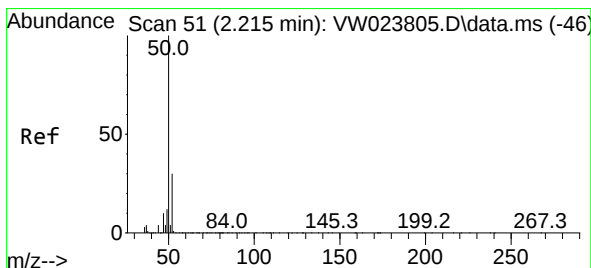
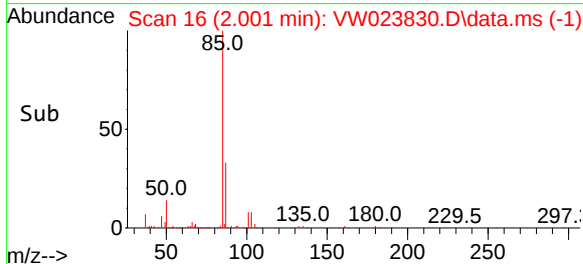
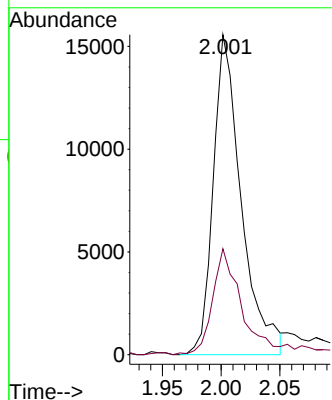
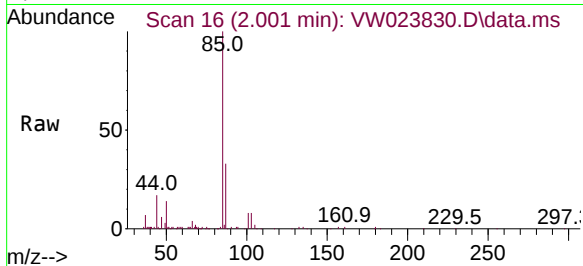




#2
Dichlorodifluoromethane
Concen: 19.077 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

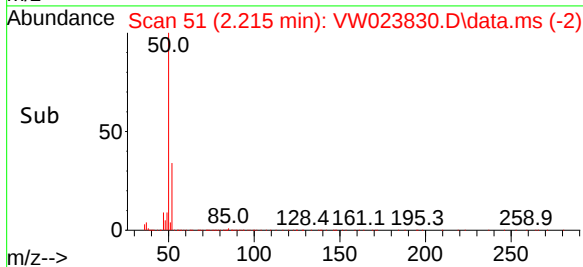
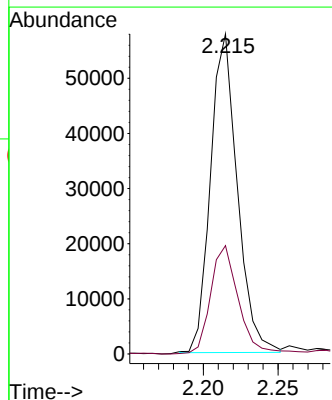
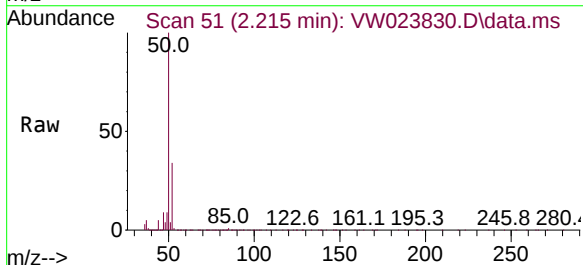
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ClientSampleId :
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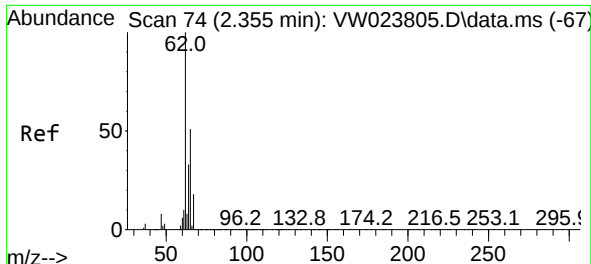
Tgt Ion: 85 Resp: 25799
Ion Ratio Lower Upper
85 100
87 33.9 24.7 37.1



#3
Chloromethane
Concen: 21.779 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 50 Resp: 72127
Ion Ratio Lower Upper
50 100
52 33.8 23.7 44.1

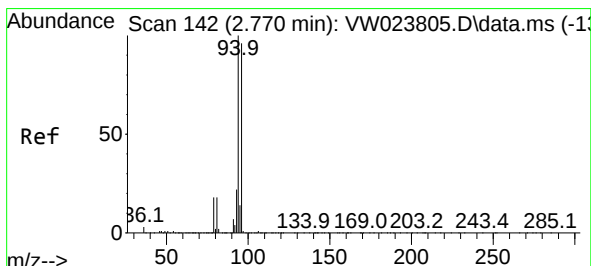
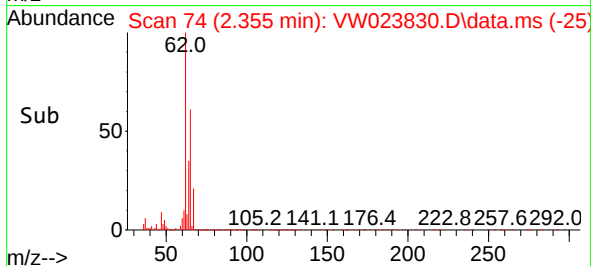
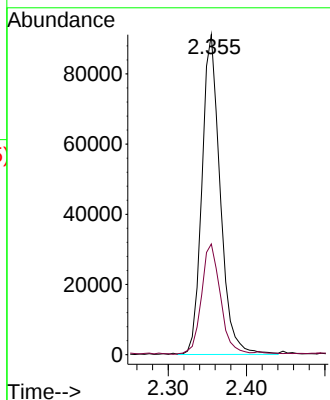
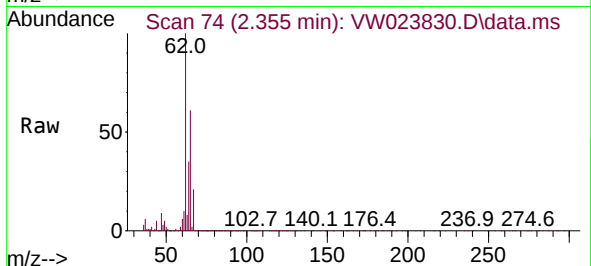




#5
 Vinyl chloride
 Concen: 25.877 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023830.D
 Acq: 18 Jul 2022 09:56

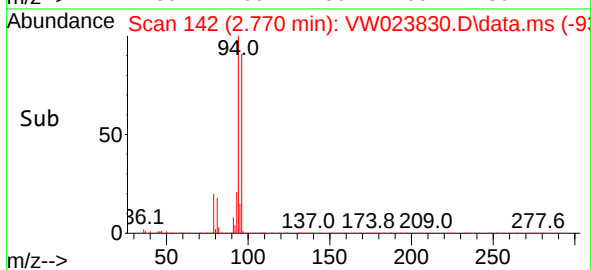
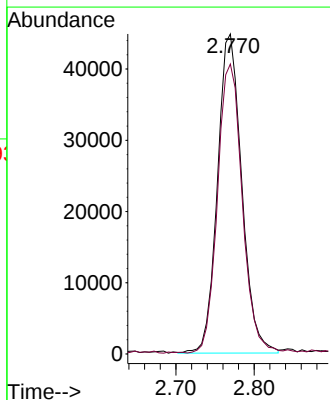
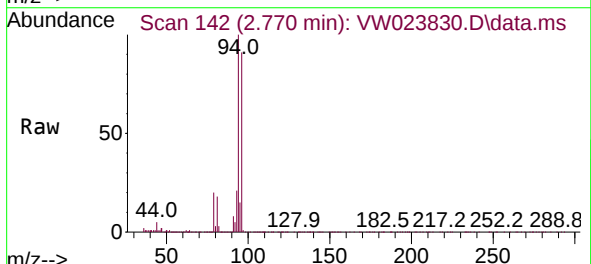
Instrument :
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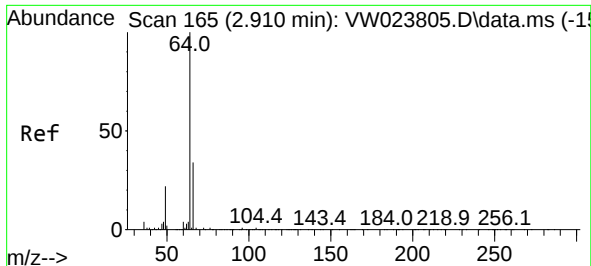
Tgt Ion: 62 Resp: 147160
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.0 44.6



#6
 Bromomethane
 Concen: 26.305 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW023830.D
 Acq: 18 Jul 2022 09:56

Tgt Ion: 94 Resp: 96760
 Ion Ratio Lower Upper
 94 100
 96 90.6 68.2 126.6

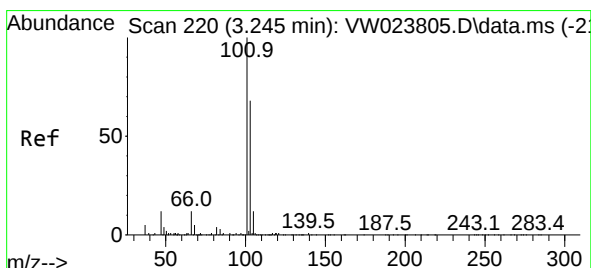
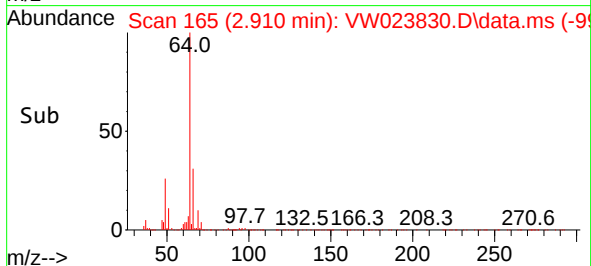
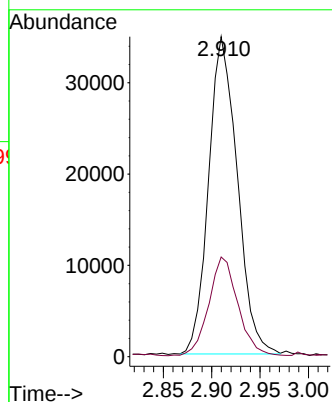
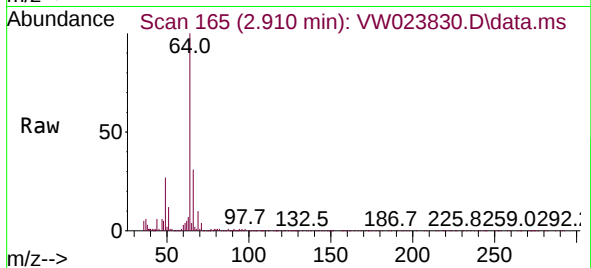




#8
Chloroethane
Concen: 26.928 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

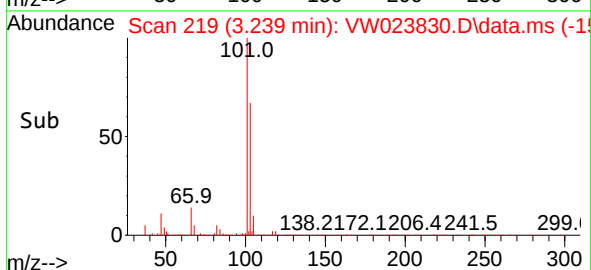
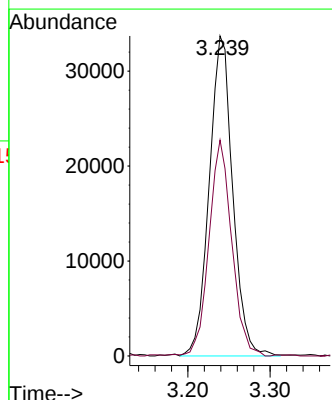
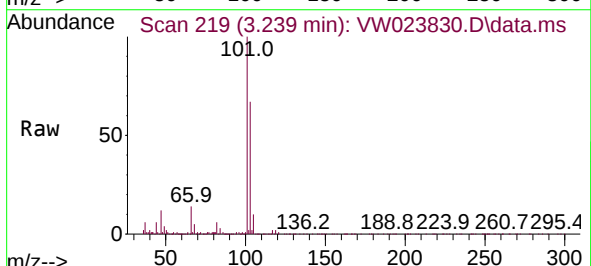
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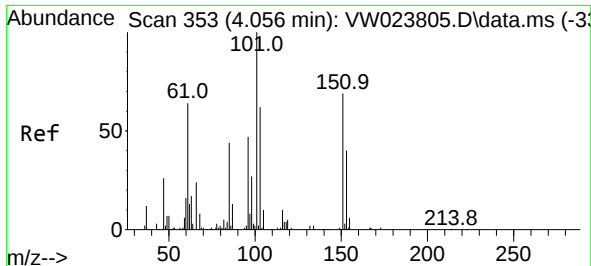
Tgt Ion: 64 Resp: 71644
Ion Ratio Lower Upper
64 100
66 31.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 25.855 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 101 Resp: 66835
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

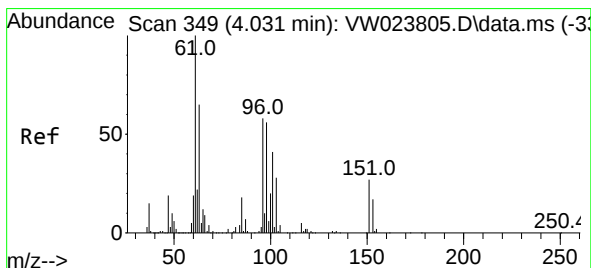
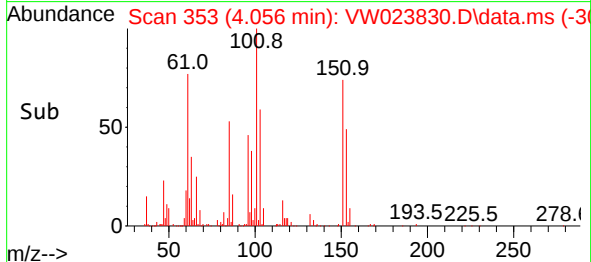
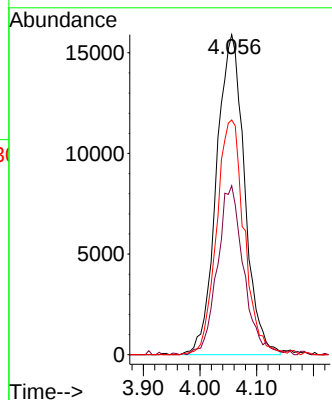
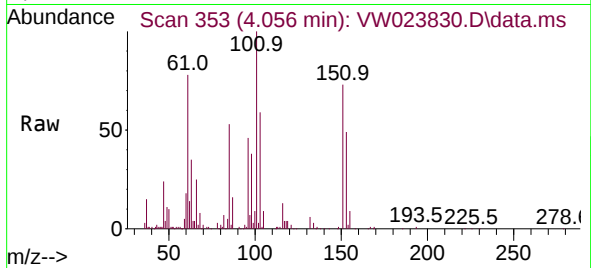




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.583 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023830.D
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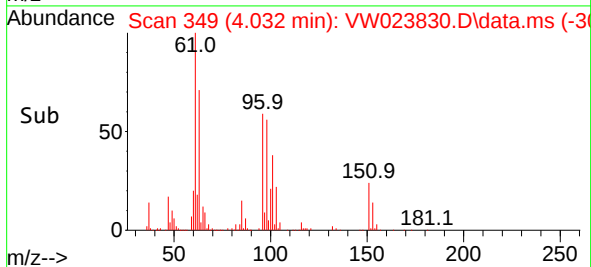
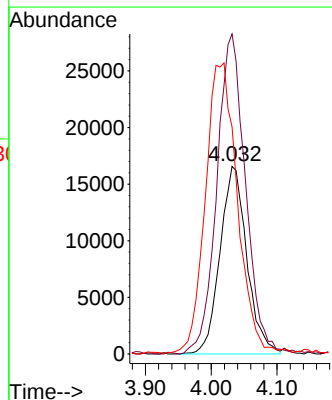
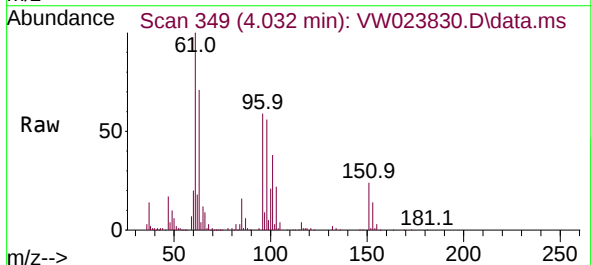
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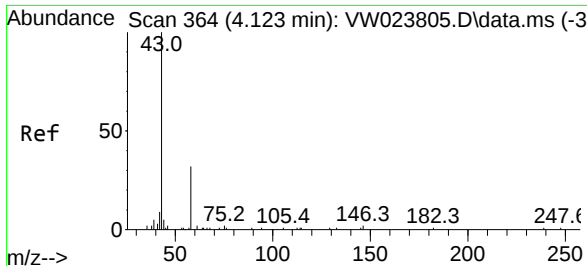
Tgt Ion: 101 Resp: 54602
 Ion Ratio Lower Upper
 101 100
 85 49.1 37.6 56.4
 151 72.4 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 22.312 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW023830.D
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Tgt Ion: 96 Resp: 47067
 Ion Ratio Lower Upper
 96 100
 61 170.6 125.4 232.8
 63 121.1 97.4 180.8

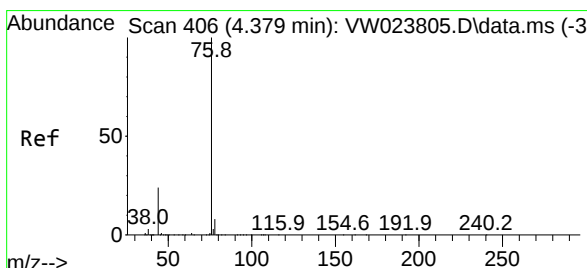
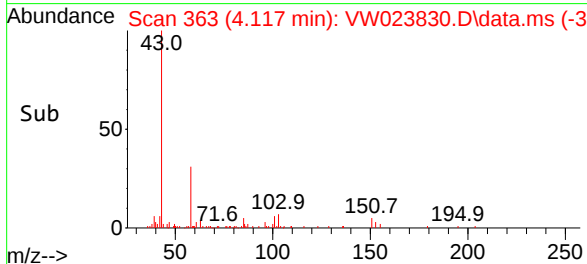
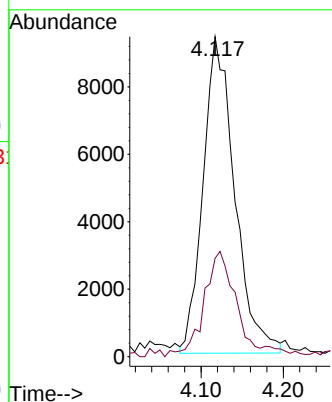
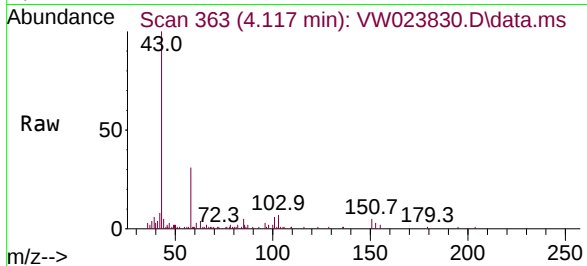




#13
Acetone
Concen: 44.963 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
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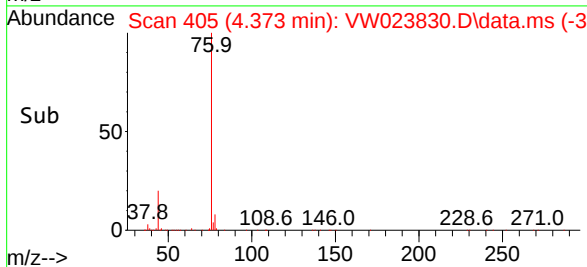
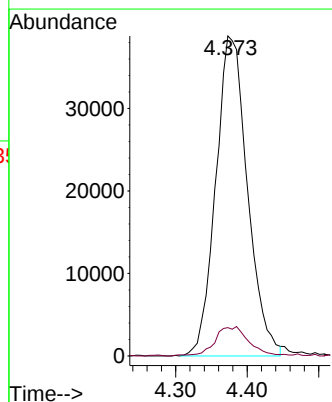
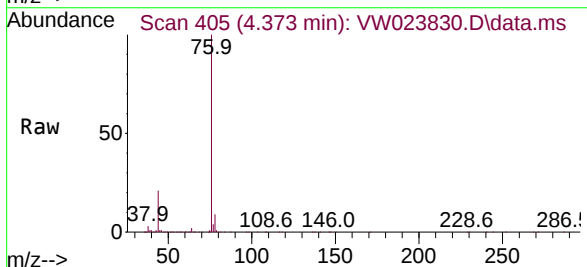
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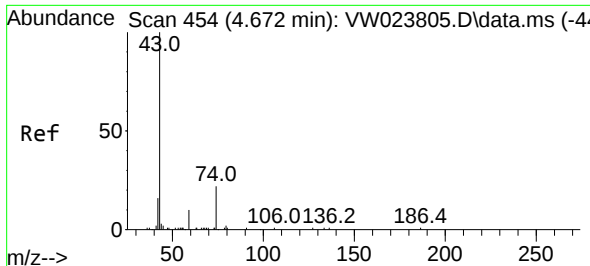
Tgt Ion: 43 Resp: 25062
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.2



#14
Carbon disulfide
Concen: 19.255 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 119485
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

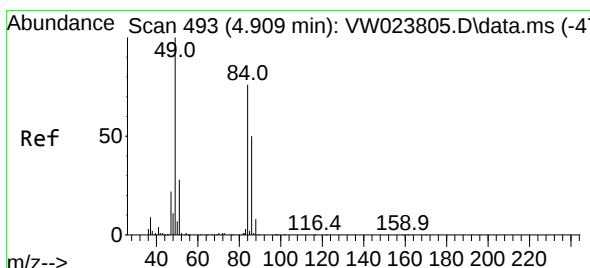
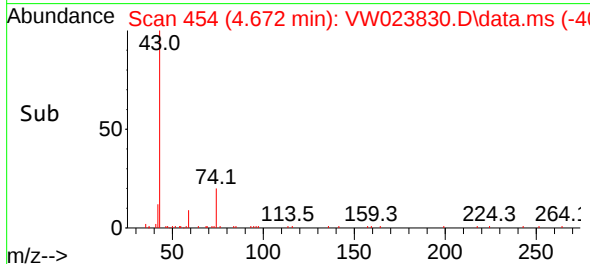
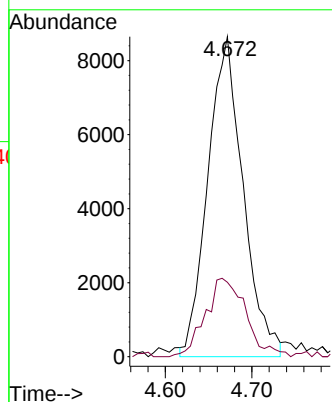
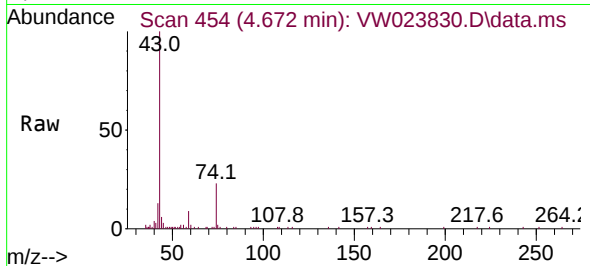




#15
Methyl Acetate
Concen: 19.618 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

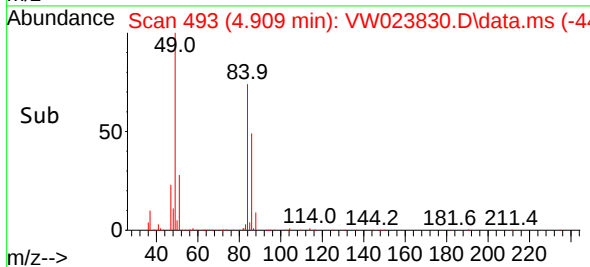
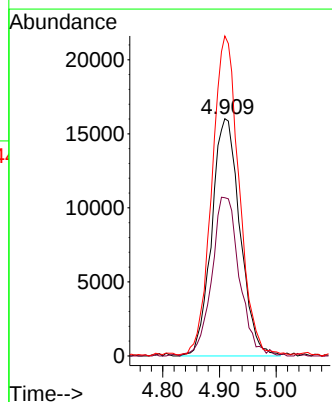
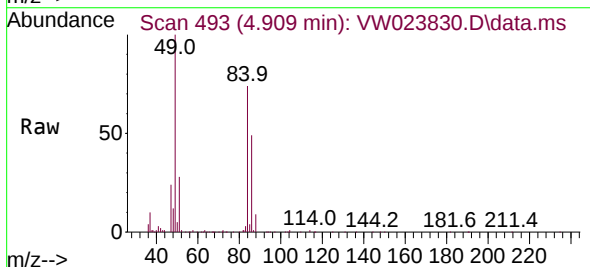
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

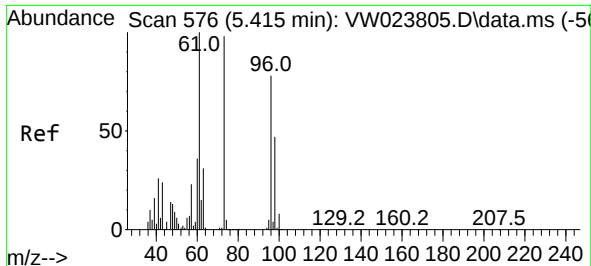
Tgt Ion: 43 Resp: 24473
Ion Ratio Lower Upper
43 100
74 26.9 20.0 30.0



#16
Methylene chloride
Concen: 17.840 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 84 Resp: 55514
Ion Ratio Lower Upper
84 100
86 66.7 42.8 79.6
49 134.9 85.4 158.6

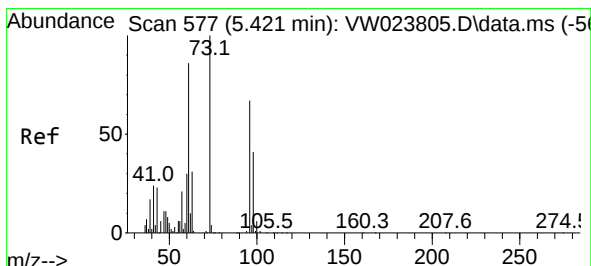
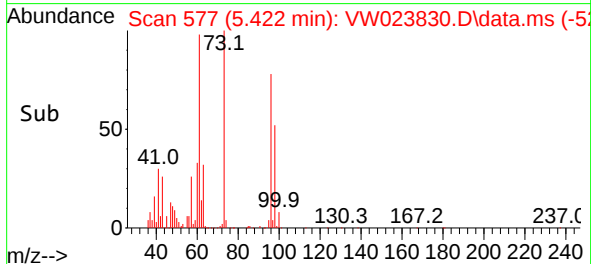
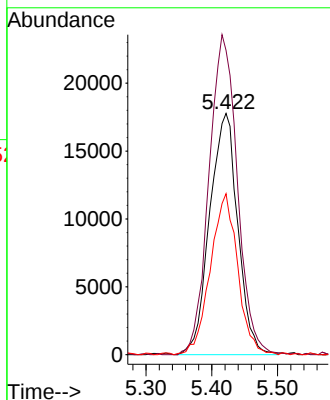
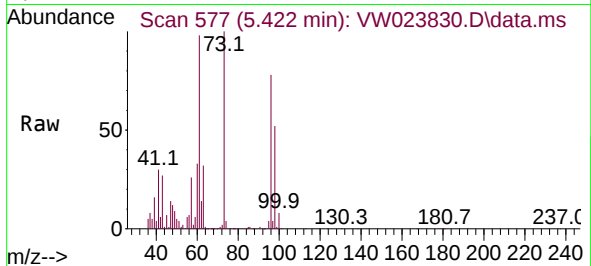




#17
trans-1,2-Dichloroethene
Concen: 20.661 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

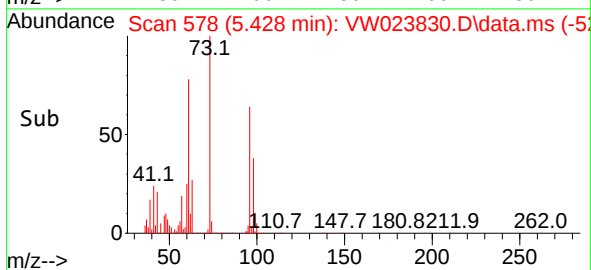
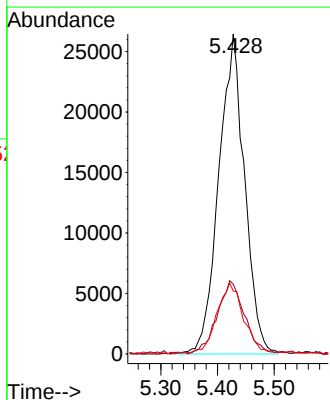
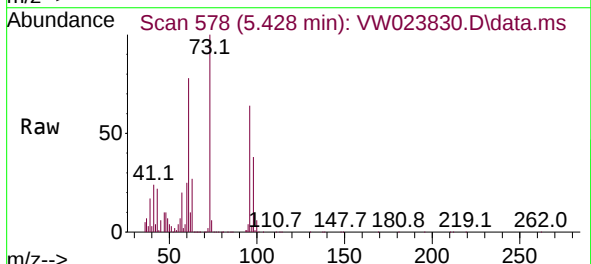
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

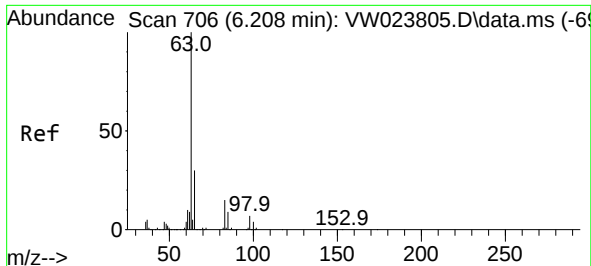
Tgt Ion: 96 Resp: 52882
Ion Ratio Lower Upper
96 100
61 126.1 90.8 168.6
98 66.7 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 21.072 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 73 Resp: 83439
Ion Ratio Lower Upper
73 100
43 24.3 17.6 26.4
57 22.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 21.014 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

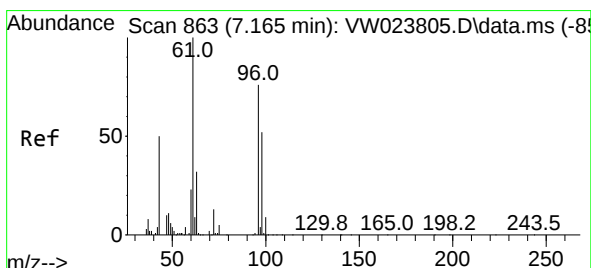
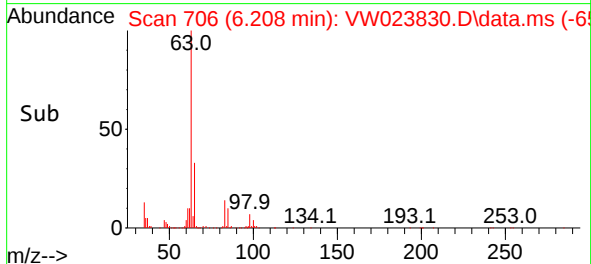
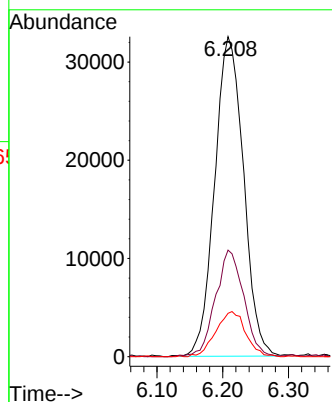
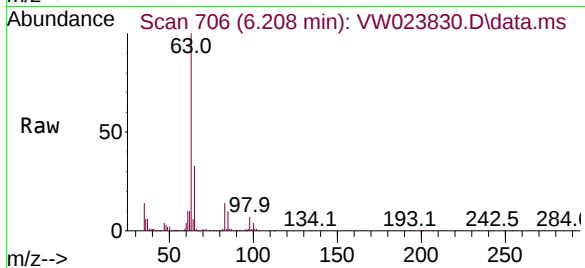
Tgt Ion: 63 Resp: 99211

Ion Ratio Lower Upper

63 100

65 33.3 22.7 42.1

83 13.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 20.777 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

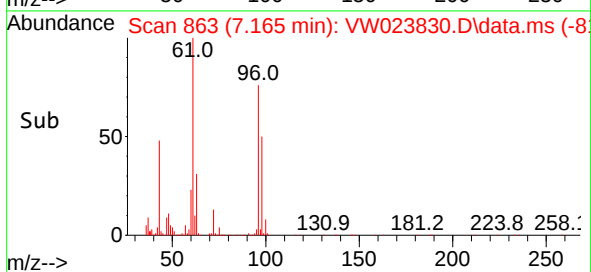
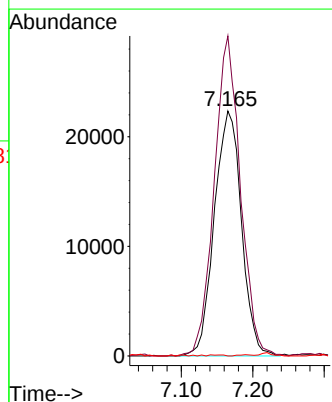
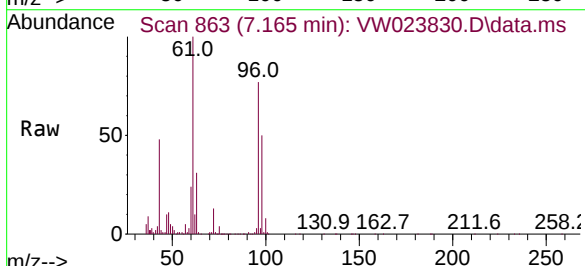
Tgt Ion: 96 Resp: 58915

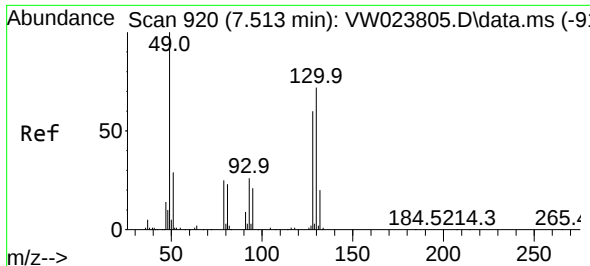
Ion Ratio Lower Upper

96 100

61 130.6 90.6 168.2

68 0.0 0.2 0.4

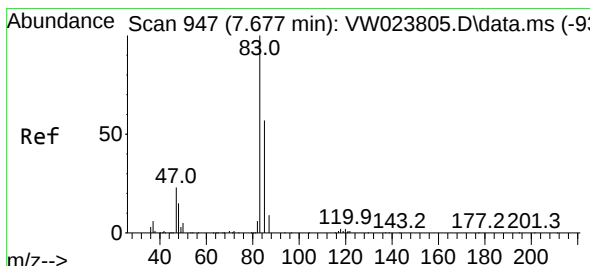
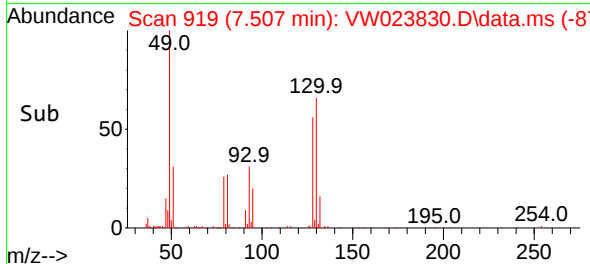
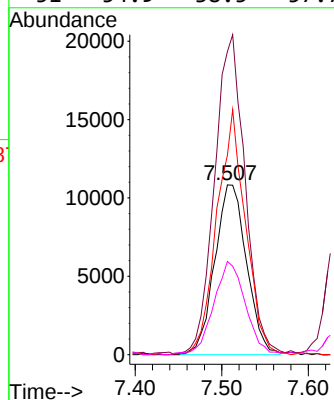
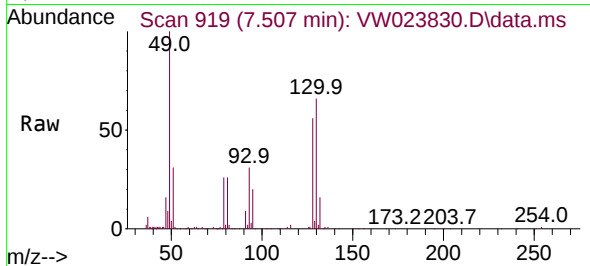




#23
Bromochloromethane
Concen: 20.305 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

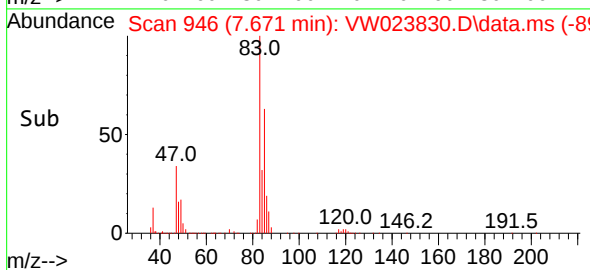
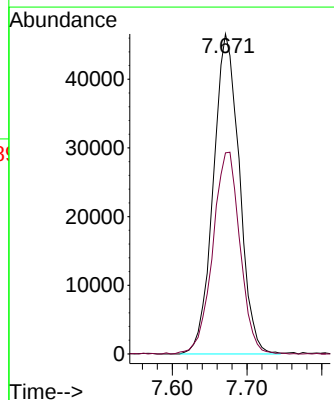
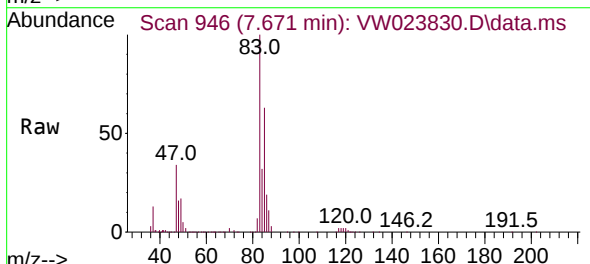
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

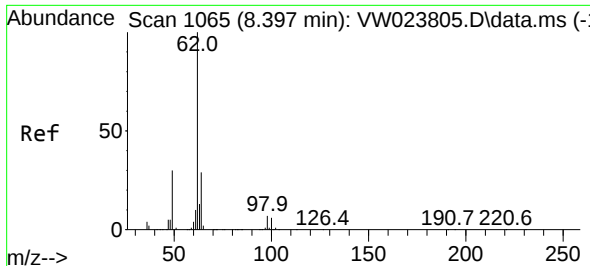
Tgt Ion:	128	Resp:	27658
Ion	Ratio	Lower	Upper
128	100		
49	178.5	106.0	196.8
130	117.4	83.2	154.4
51	54.9	38.5	57.7



#25
Chloroform
Concen: 20.713 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:	83	Resp:	112658
Ion	Ratio	Lower	Upper
83	100		
85	62.8	41.9	77.9





#27

1,2-Dichloroethane

Concen: 20.386 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

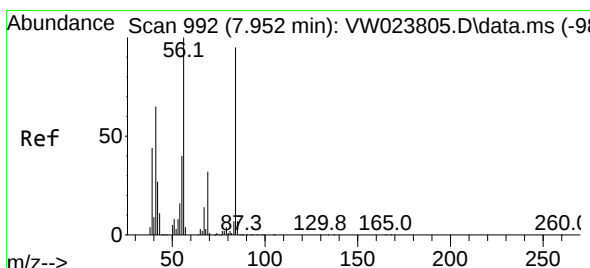
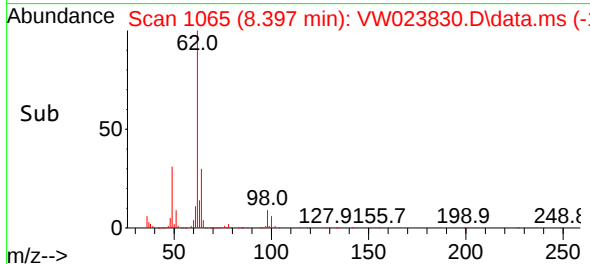
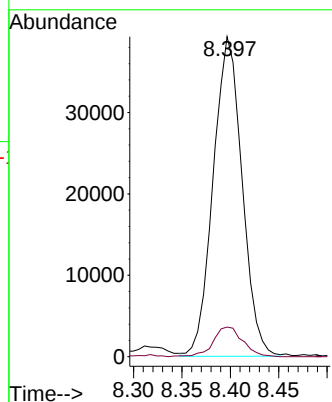
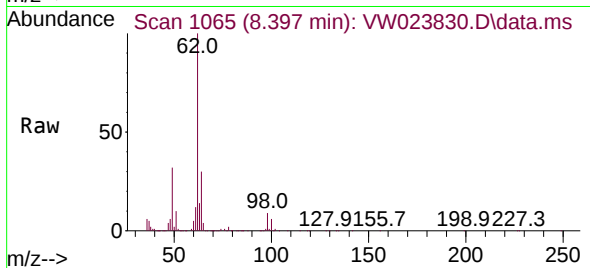
VSTD025492

Tgt Ion: 62 Resp: 81607

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8



#29

Cyclohexane

Concen: 20.616 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

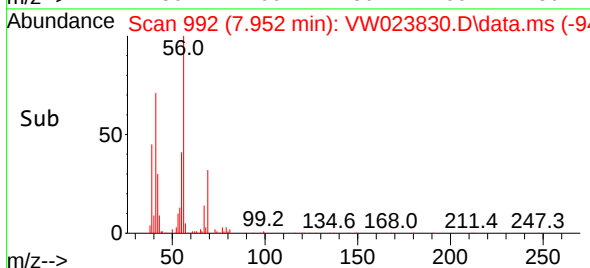
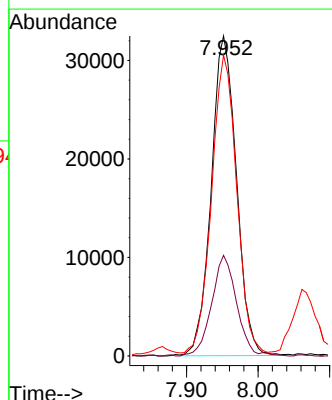
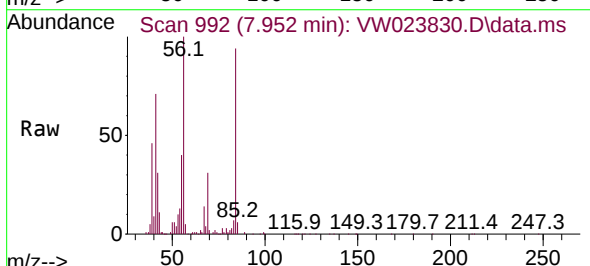
Tgt Ion: 56 Resp: 79474

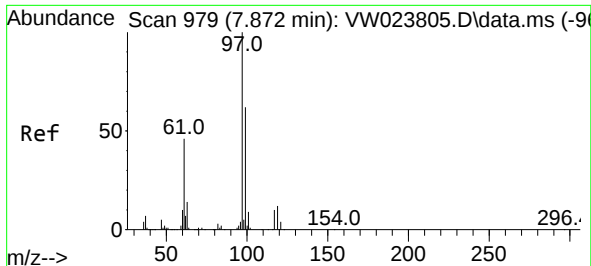
Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 94.8 75.0 112.4





#30

1,1,1-Trichloroethane

Concen: 19.984 ug/L

RT: 7.866 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

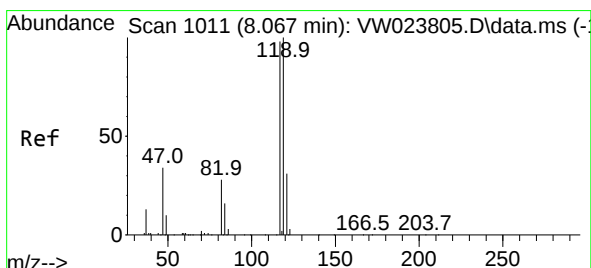
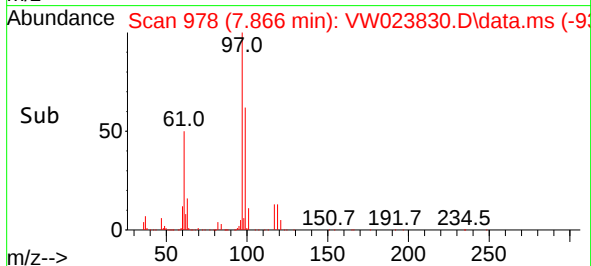
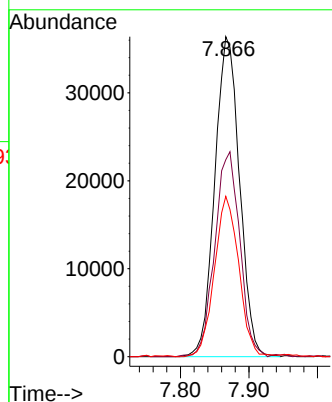
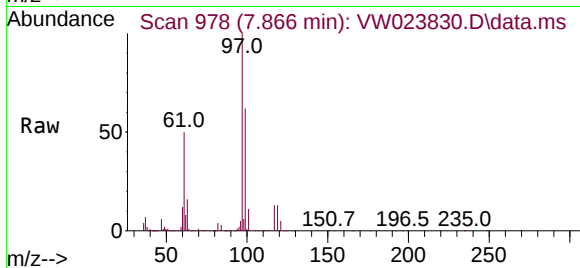
Tgt Ion: 97 Resp: 91201

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 49.0 37.5 56.3



#31

Carbon tetrachloride

Concen: 20.698 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023830.D

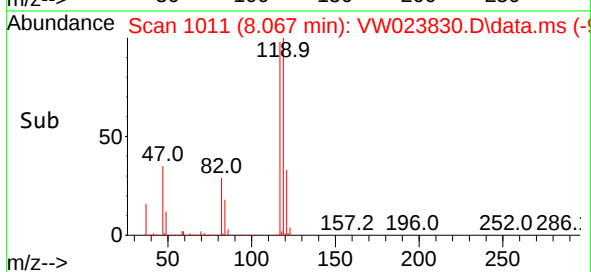
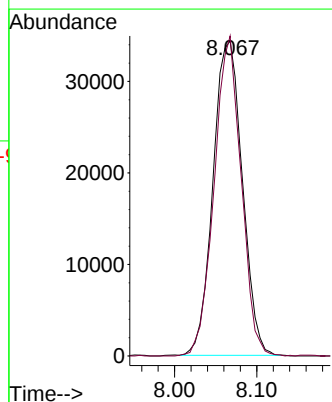
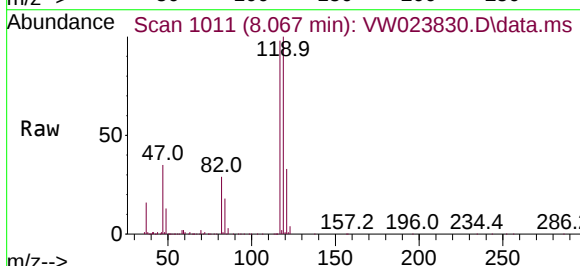
Acq: 18 Jul 2022 09:56

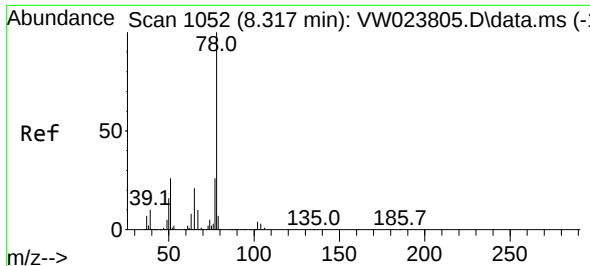
Tgt Ion: 117 Resp: 85153

Ion Ratio Lower Upper

117 100

119 93.7 75.7 113.5

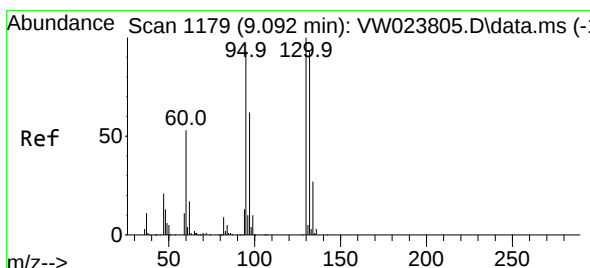
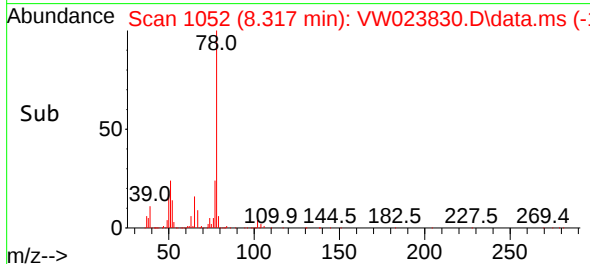
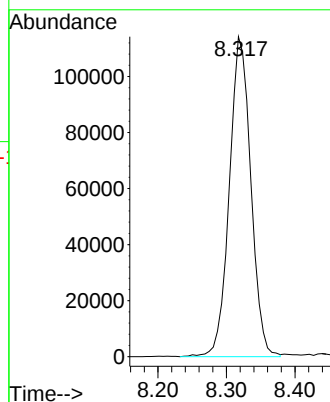
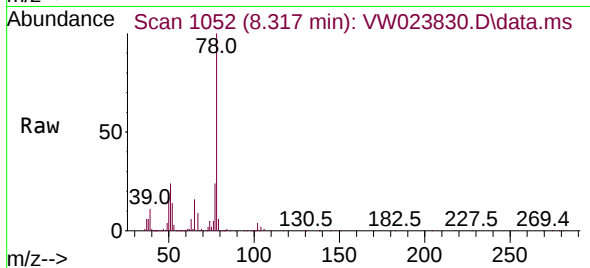




#33
Benzene
Concen: 20.771 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

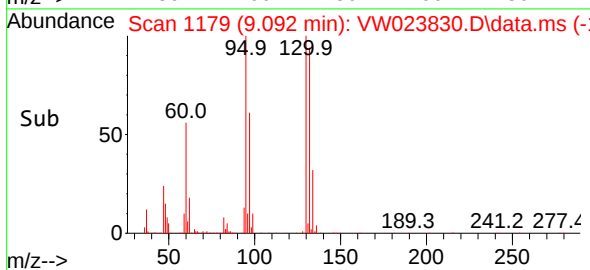
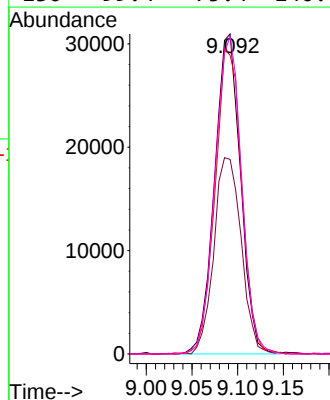
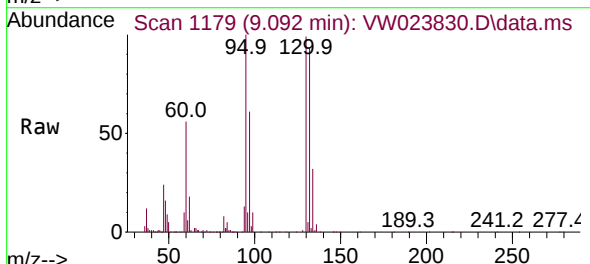
Tgt Ion: 78 Resp: 248792

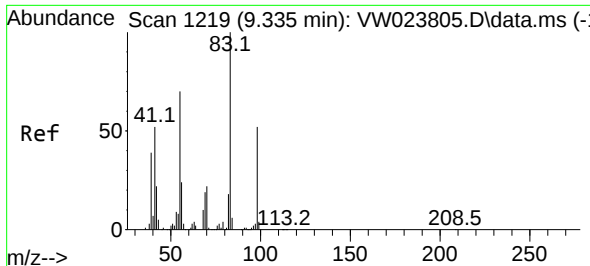


#34
Trichloroethene
Concen: 19.369 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 95 Resp: 61264

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.6	84.8
132	93.3	69.9	129.7
130	99.4	75.4	140.0

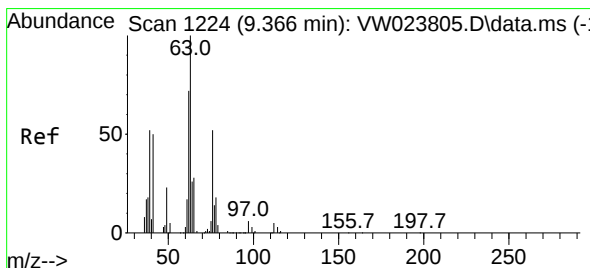
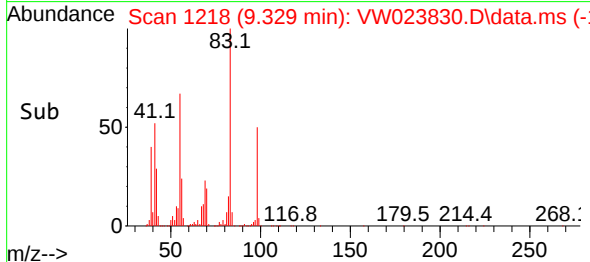
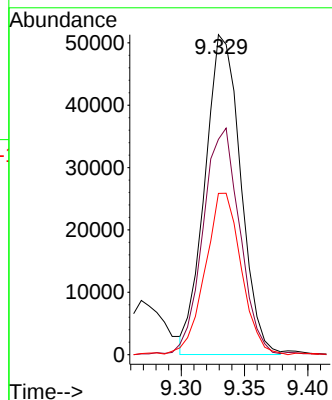
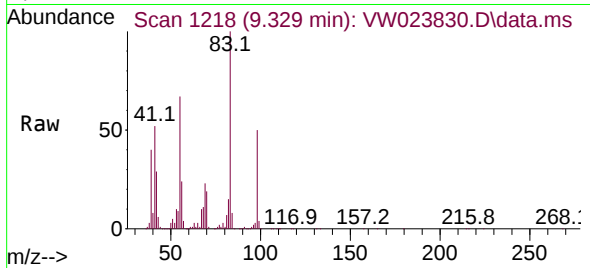




#35
Methylcyclohexane
Concen: 20.937 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

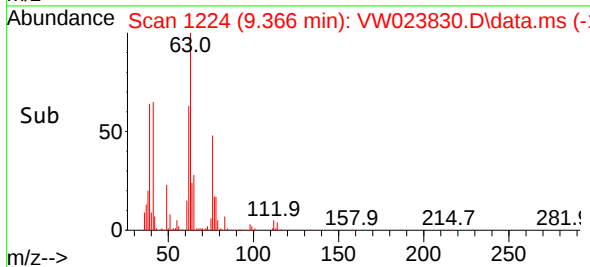
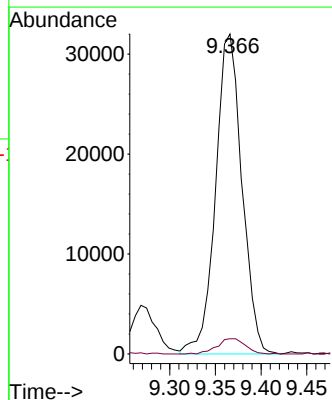
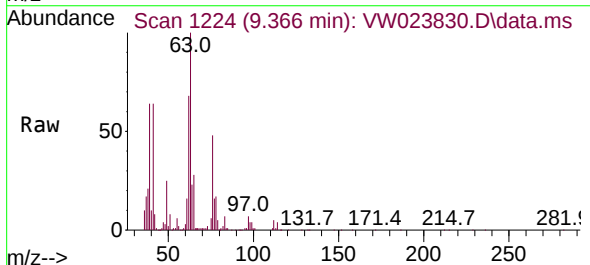
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

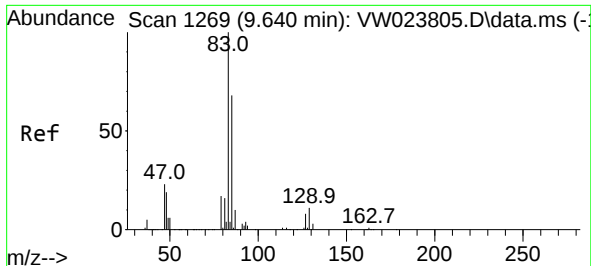
Tgt Ion: 83 Resp: 100840
Ion Ratio Lower Upper
83 100
55 72.5 60.8 91.2
98 50.9 39.5 59.3



#37
1,2-Dichloropropane
Concen: 21.427 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 63 Resp: 64343
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.2

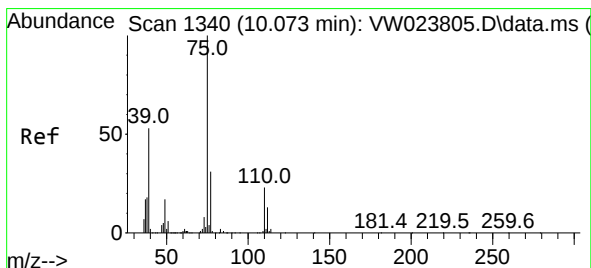
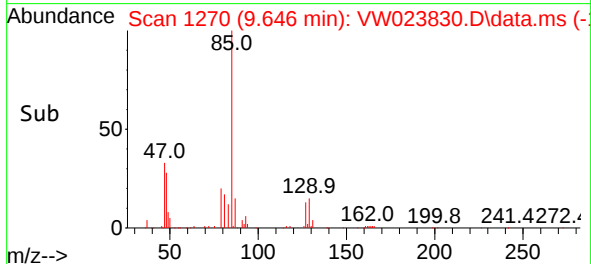
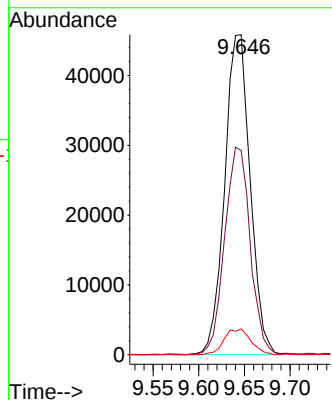
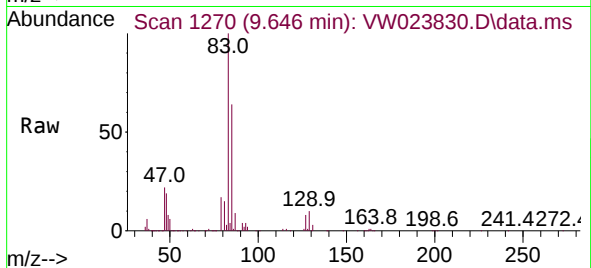




#38
Bromodichloromethane
Concen: 21.222 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

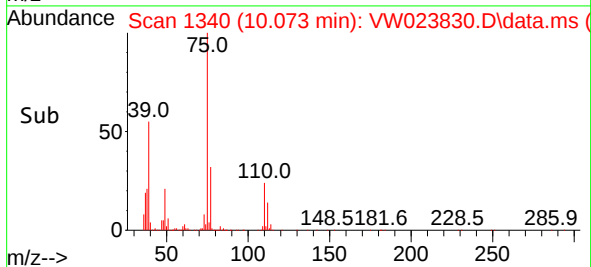
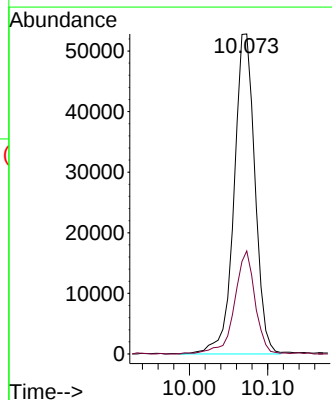
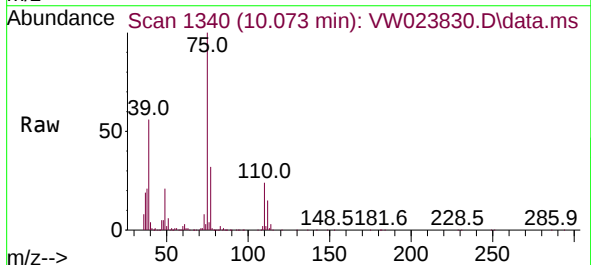
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

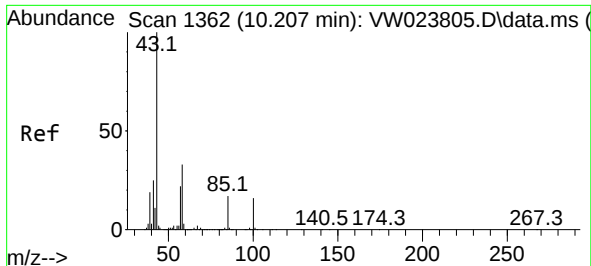
Tgt Ion: 83 Resp: 88945
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5
127 8.0 6.0 9.0



#39
cis-1,3-Dichloropropene
Concen: 21.607 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 75 Resp: 97798
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 45.375 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

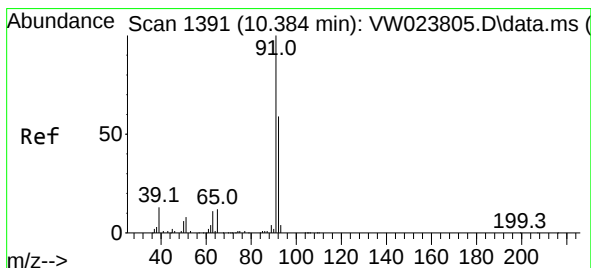
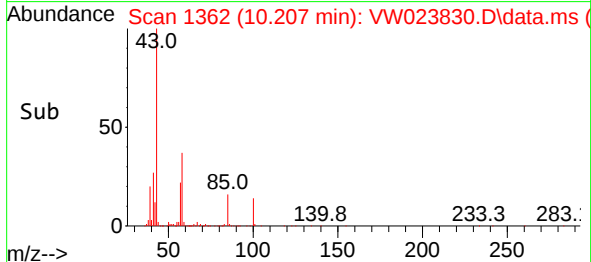
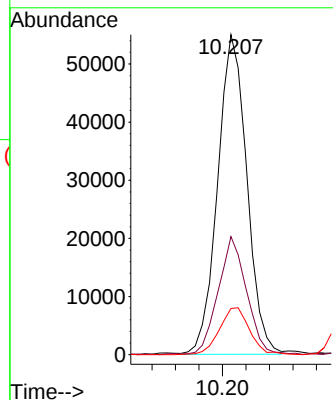
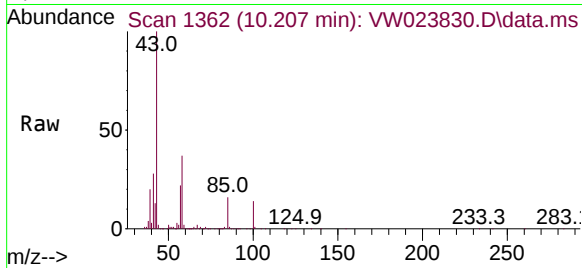
Tgt Ion: 43 Resp: 94818

Ion Ratio Lower Upper

43 100

58 35.8 29.8 44.8

100 14.9 13.0 19.4



#42

Toluene

Concen: 22.819 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023830.D

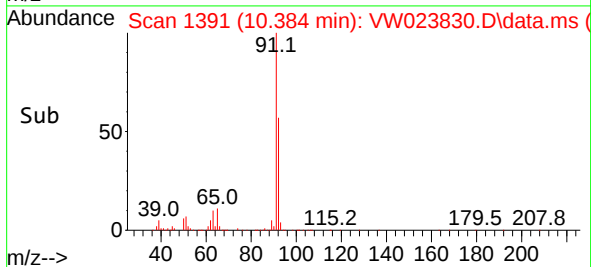
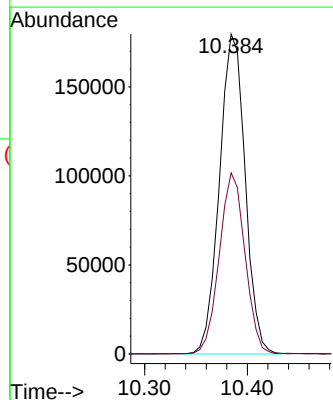
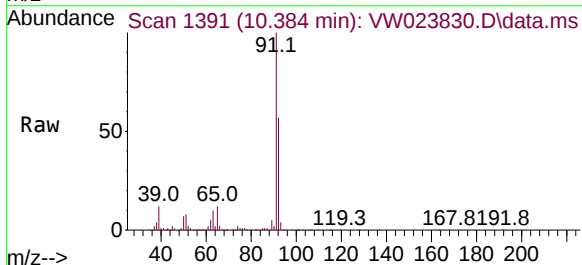
Acq: 18 Jul 2022 09:56

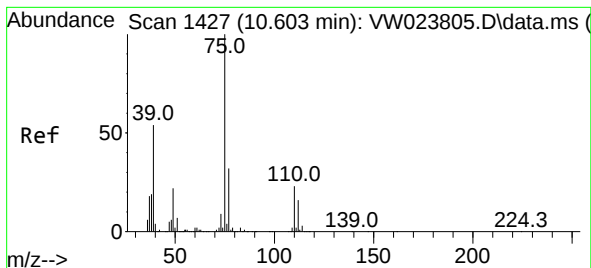
Tgt Ion: 91 Resp: 311707

Ion Ratio Lower Upper

91 100

92 56.6 39.9 74.1





#44

trans-1,3-Dichloropropene

Concen: 22.663 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

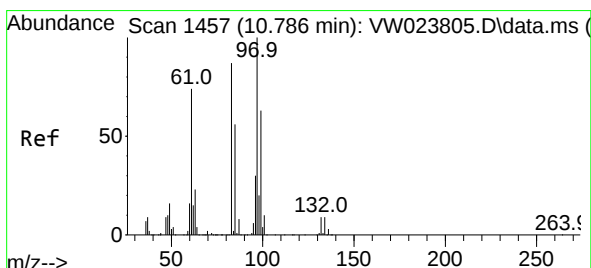
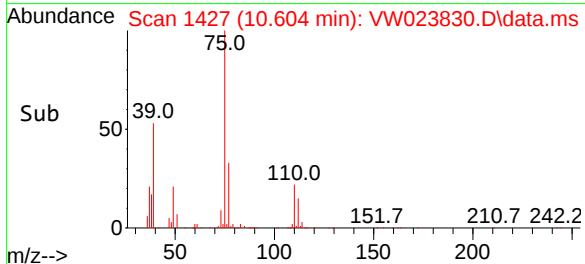
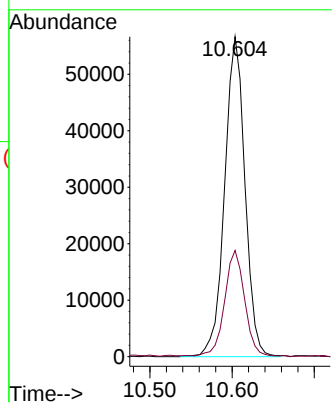
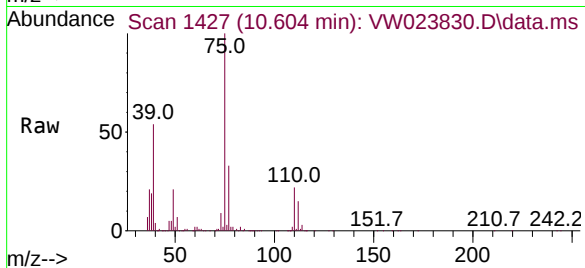
VSTD025492

Tgt Ion: 75 Resp: 97496

Ion Ratio Lower Upper

75 100

77 33.2 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 20.999 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Tgt Ion: 97 Resp: 55137

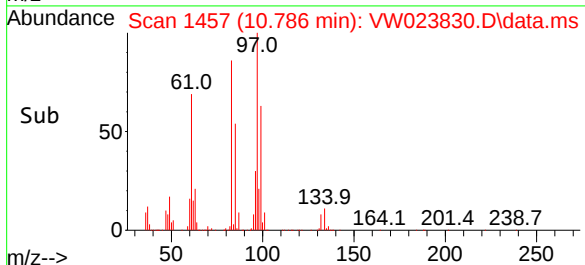
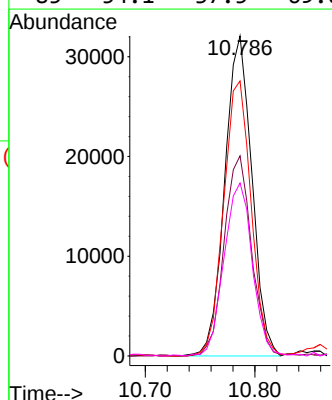
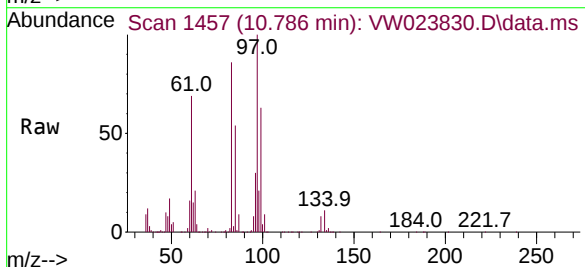
Ion Ratio Lower Upper

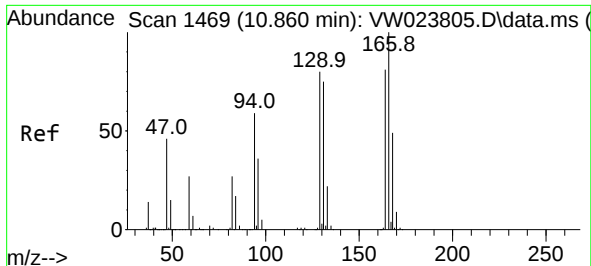
97 100

99 62.5 44.2 82.2

83 85.9 59.8 111.0

85 54.1 37.5 69.6

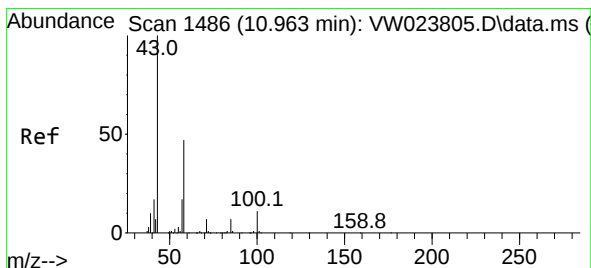
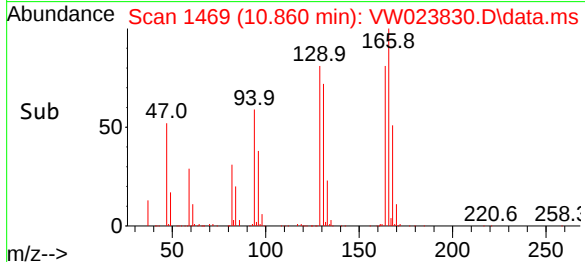
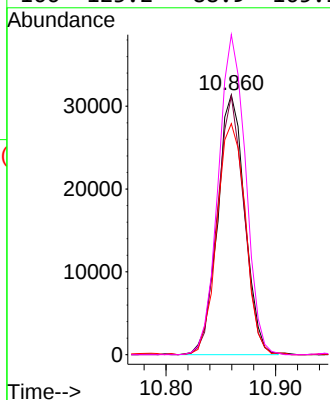
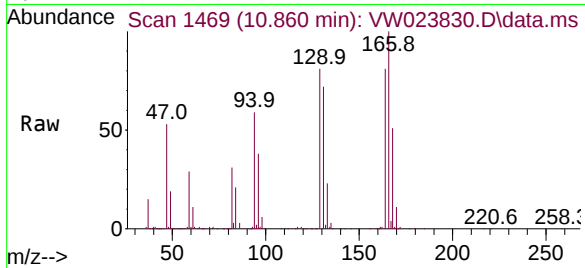




#46
Tetrachloroethene
Concen: 22.122 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

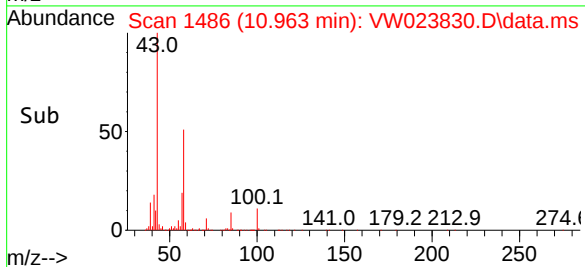
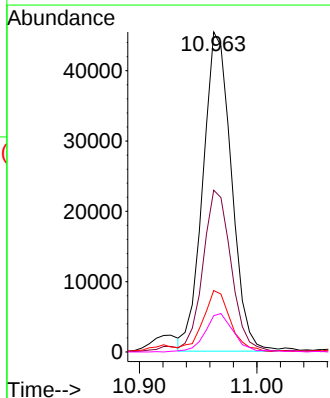
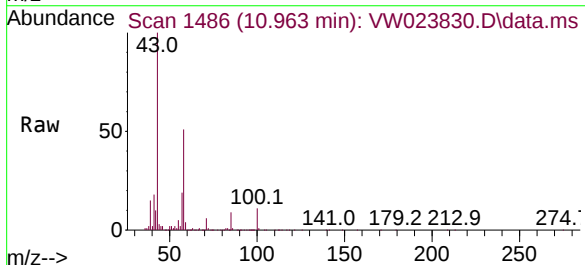
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

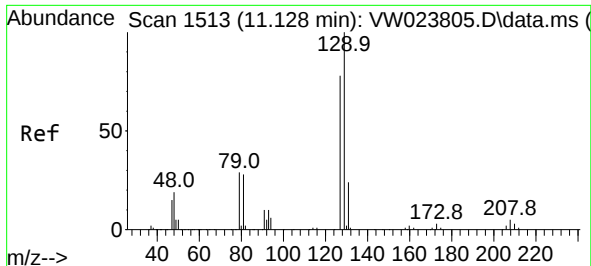
Tgt Ion:	164	Resp:	54103
Ion Ratio	Lower	Upper	
164	100		
129	99.6	72.4	134.5
131	89.0	67.8	125.8
166	123.2	88.9	165.1



#48
2-Hexanone
Concen: 50.432 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:	43	Resp:	76728
Ion Ratio	Lower	Upper	
43	100		
58	50.0	41.6	62.4
57	18.3	14.6	21.8
100	11.9	10.6	15.8





#49

Dibromochloromethane

Concen: 22.558 ug/L

RT: 11.122 min Scan# 1512

Delta R.T. -0.006 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

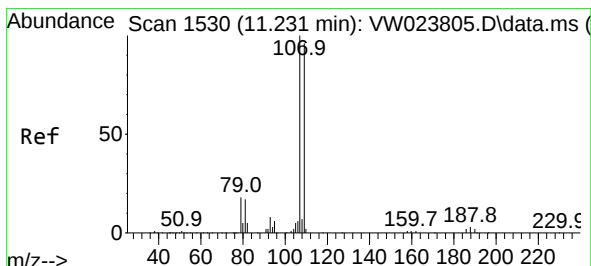
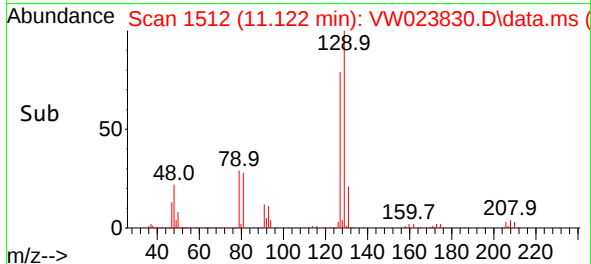
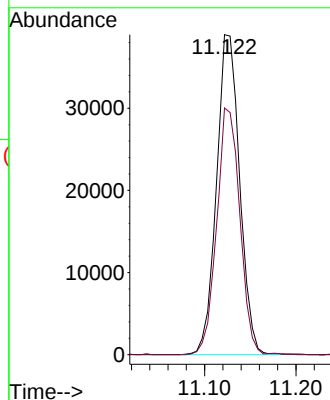
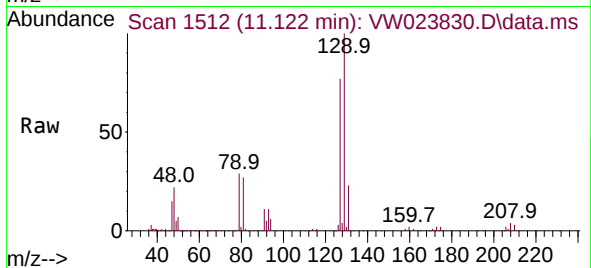
VSTD025492

Tgt Ion:129 Resp: 68691

Ion Ratio Lower Upper

129 100

127 77.1 53.7 99.7



#50

1,2-Dibromoethane

Concen: 21.060 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

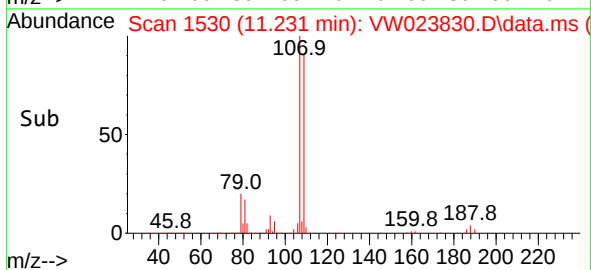
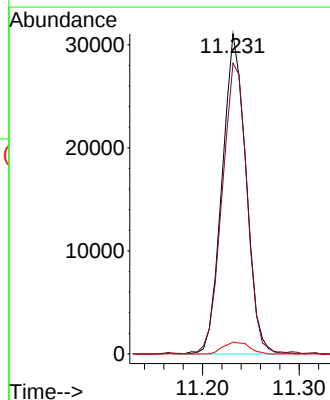
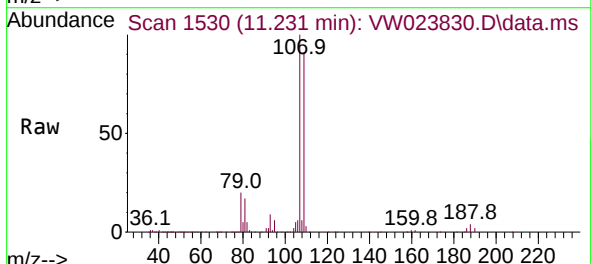
Tgt Ion:107 Resp: 53126

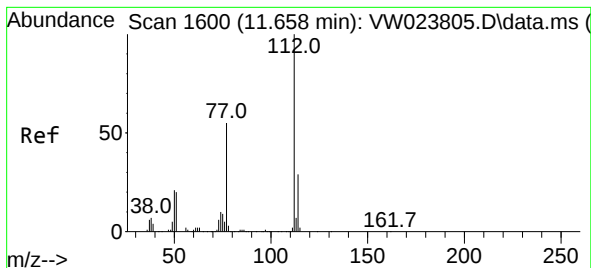
Ion Ratio Lower Upper

107 100

109 90.9 62.4 116.0

188 3.7 2.3 3.5#

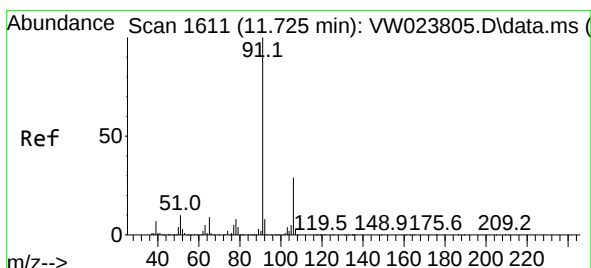
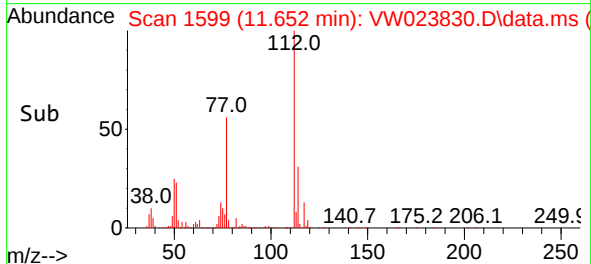
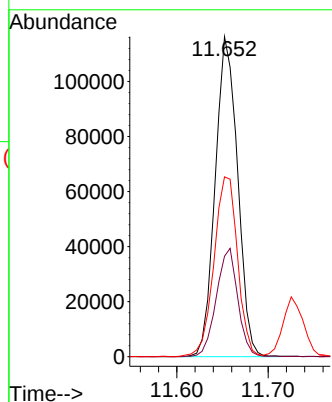
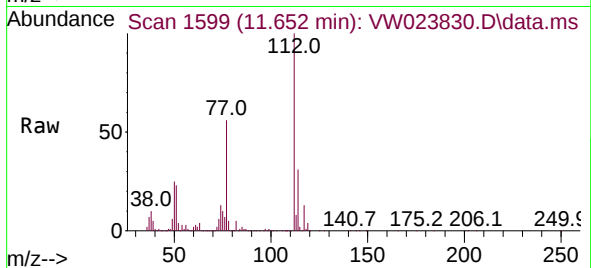




#51
Chlorobenzene
Concen: 21.500 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

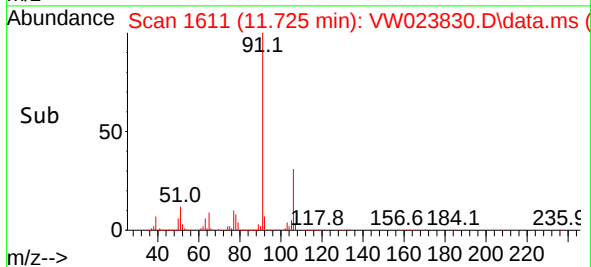
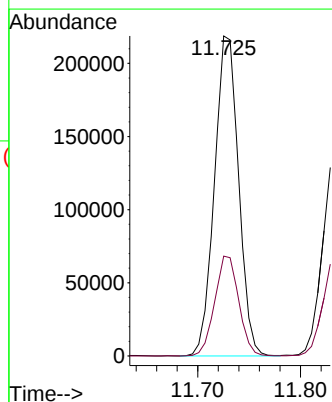
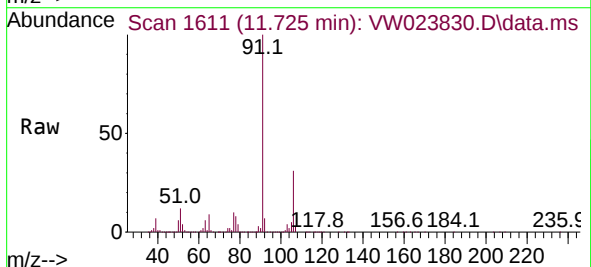
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

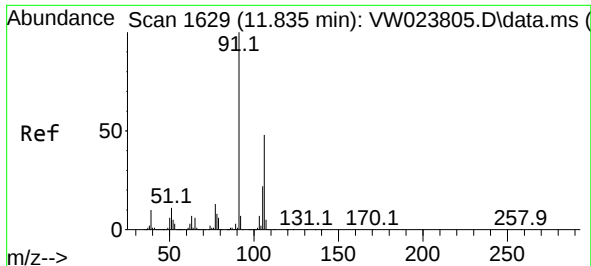
Tgt Ion:112 Resp: 198076
Ion Ratio Lower Upper
112 100
114 31.4 21.1 39.3
77 56.2 46.6 69.8



#52
Ethylbenzene
Concen: 22.955 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 91 Resp: 356329
Ion Ratio Lower Upper
91 100
106 31.2 22.5 41.9

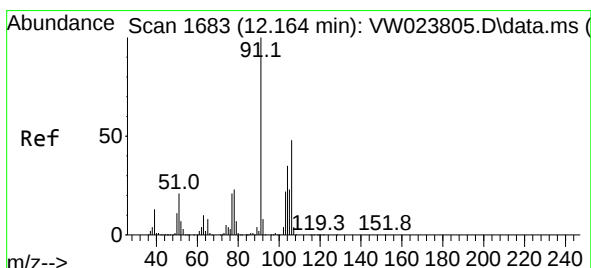
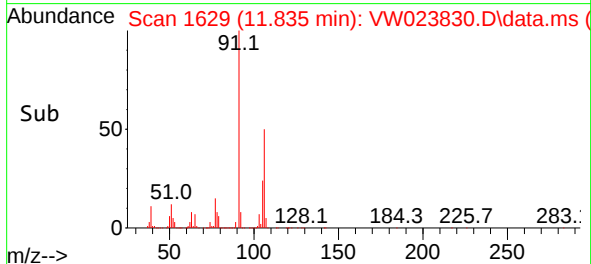
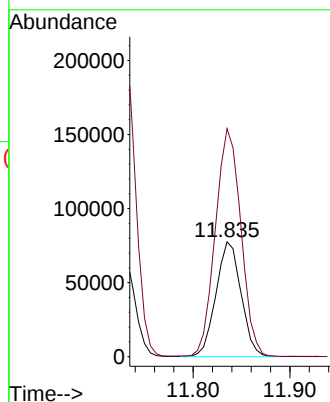
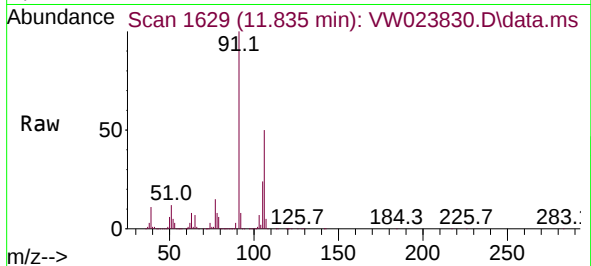




#53
m,p-Xylene
Concen: 23.029 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

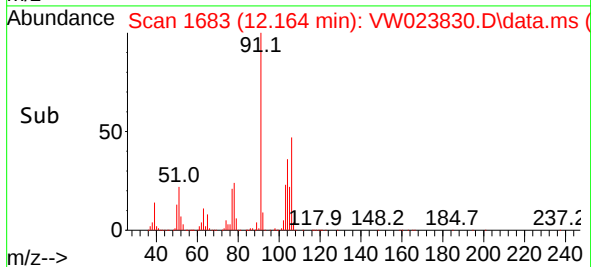
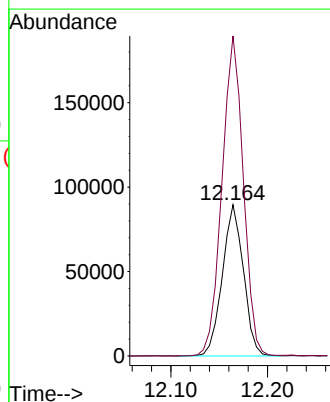
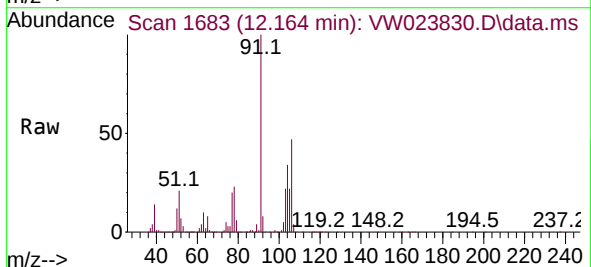
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

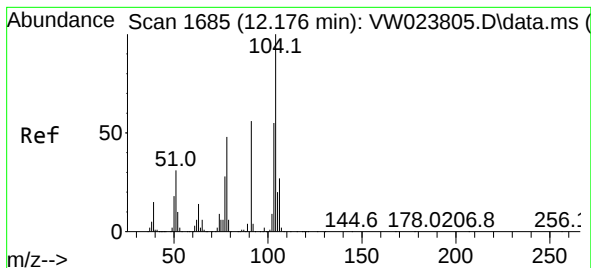
Tgt Ion:106 Resp: 139473
Ion Ratio Lower Upper
106 100
91 198.6 142.8 265.2



#54
o-Xylene
Concen: 23.239 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:106 Resp: 135166
Ion Ratio Lower Upper
106 100
91 211.6 149.6 277.8





#55

Styrene

Concen: 24.259 ug/L

RT: 12.176 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

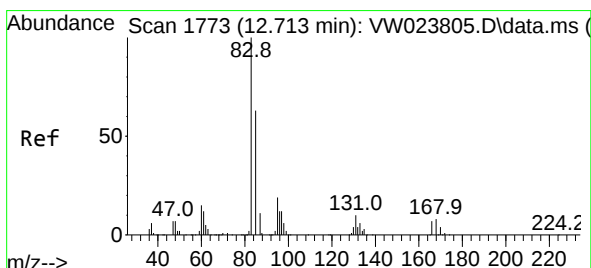
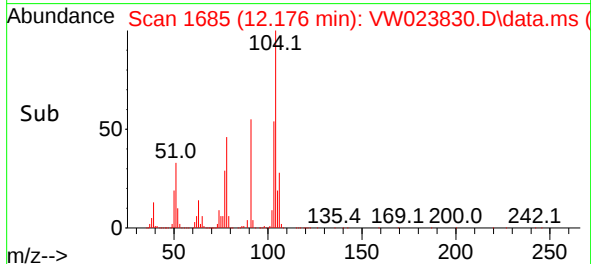
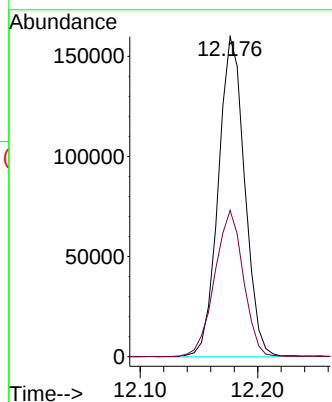
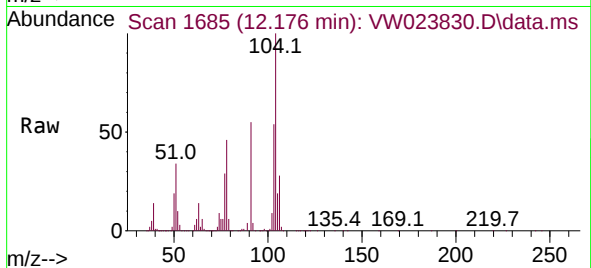
VSTD025492

Tgt Ion:104 Resp: 249273

Ion Ratio Lower Upper

104 100

78 45.7 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 22.165 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

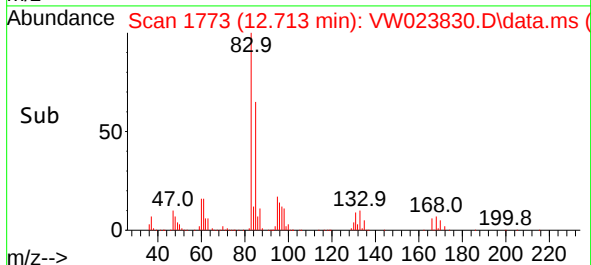
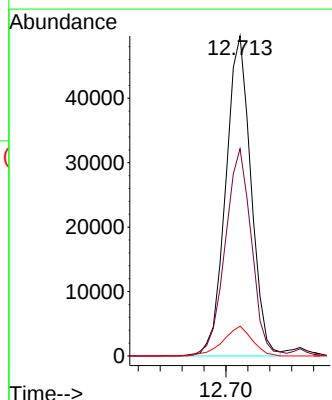
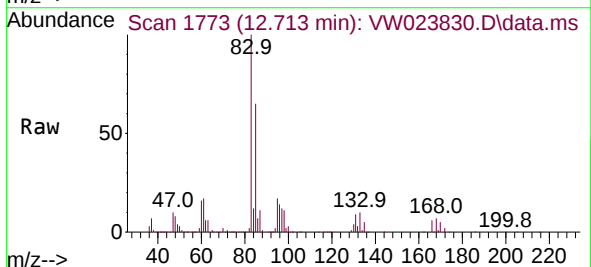
Tgt Ion: 83 Resp: 79385

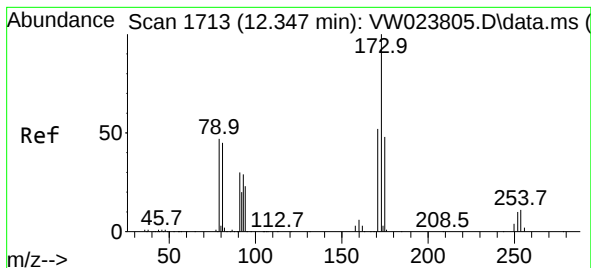
Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.3

131 9.3 7.4 11.0





#59

Bromoform

Concen: 20.807 ug/L

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

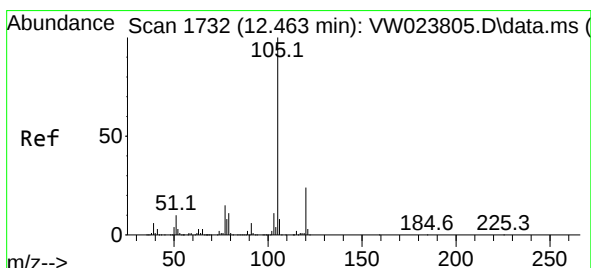
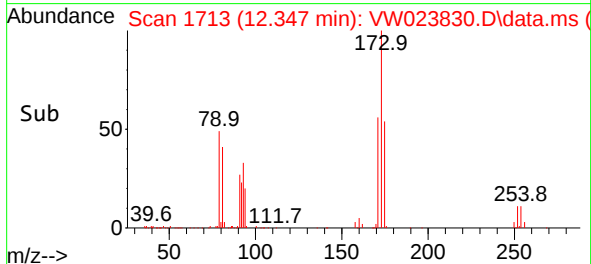
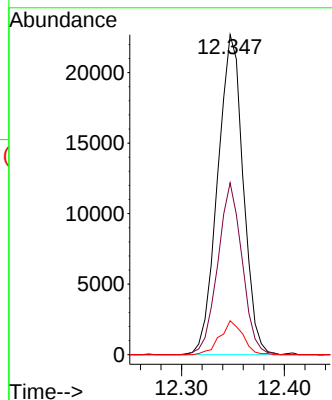
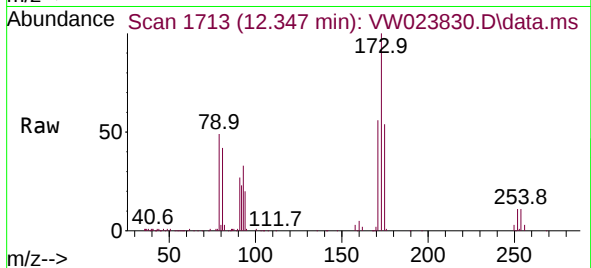
Tgt Ion:173 Resp: 39165

Ion Ratio Lower Upper

173 100

175 51.2 38.9 58.3

254 9.5 5.9 8.9#



#60

Isopropylbenzene

Concen: 22.266 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

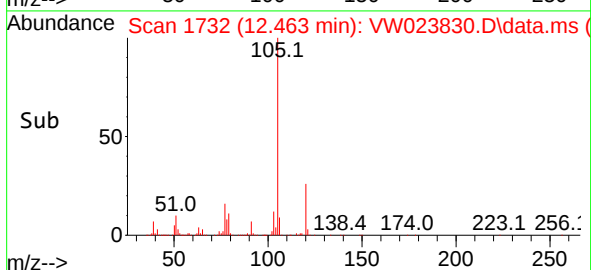
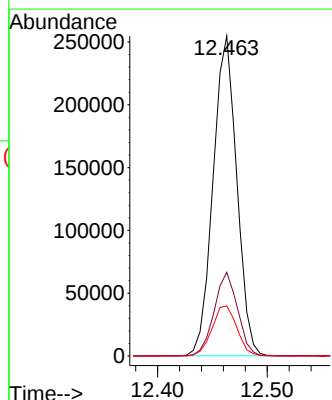
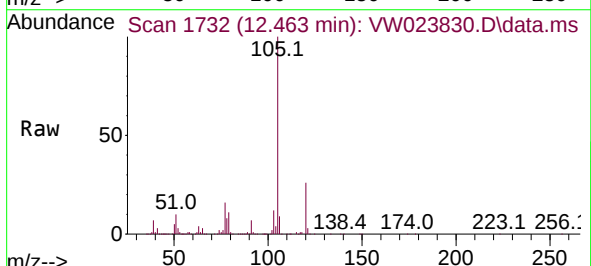
Tgt Ion:105 Resp: 381800

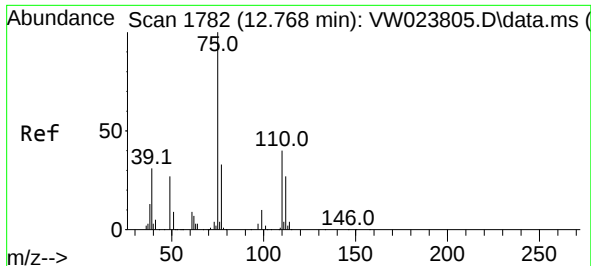
Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 16.6 13.2 19.8

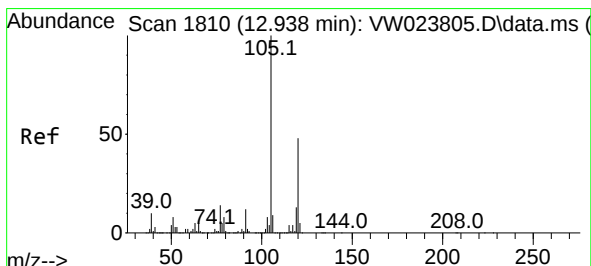
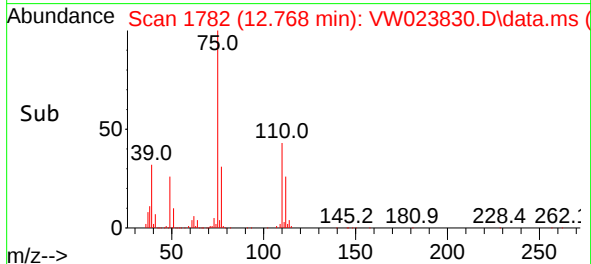
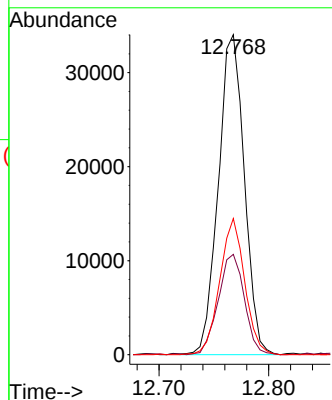
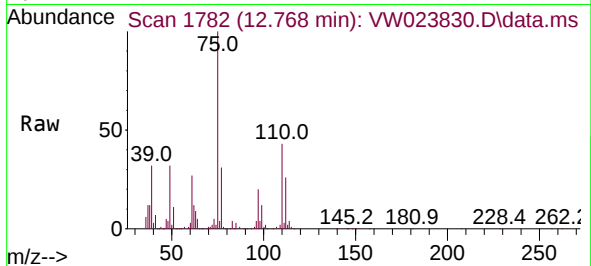




#61
1,2,3-Trichloropropane
Concen: 20.037 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

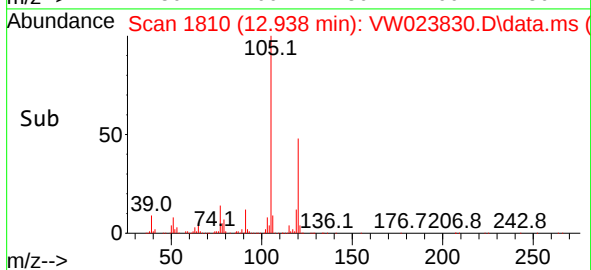
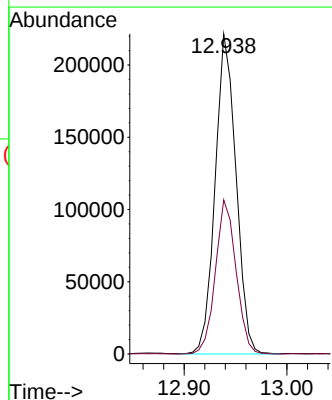
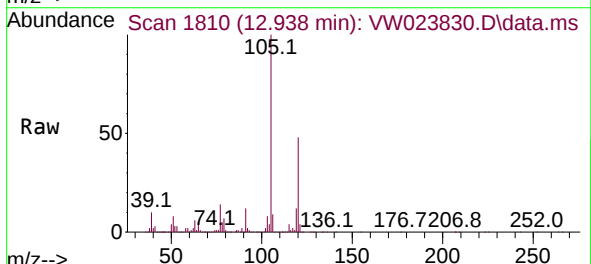
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

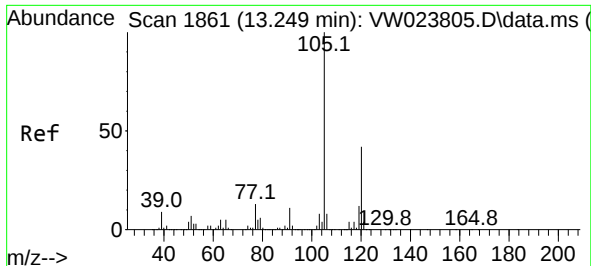
Tgt Ion: 75 Resp: 56083
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
110 40.9 31.9 47.9



#62
1,3,5-Trimethylbenzene
Concen: 22.239 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion: 105 Resp: 312205
Ion Ratio Lower Upper
105 100
120 47.6 38.7 58.1

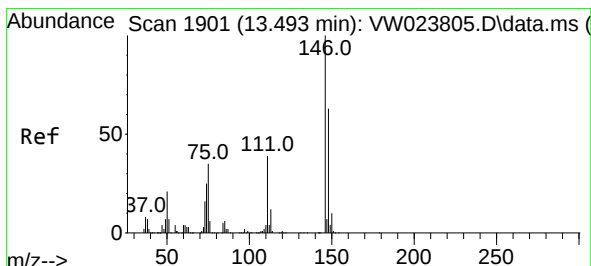
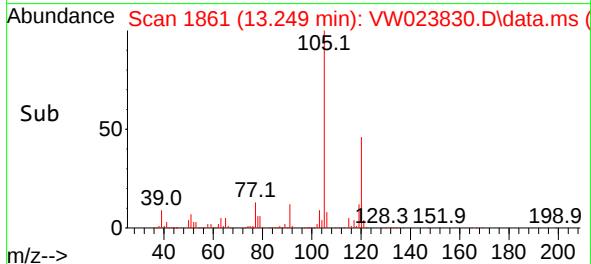
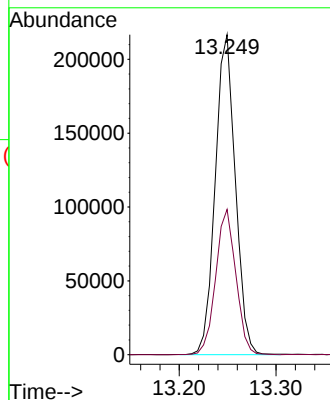
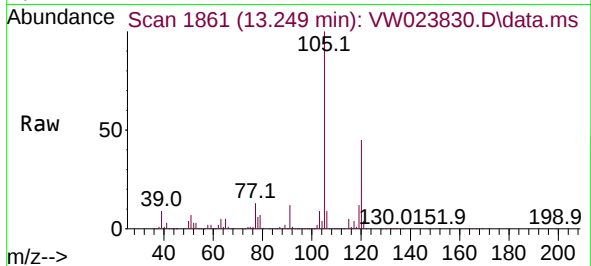




#63
1,2,4-Trimethylbenzene
Concen: 22.279 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

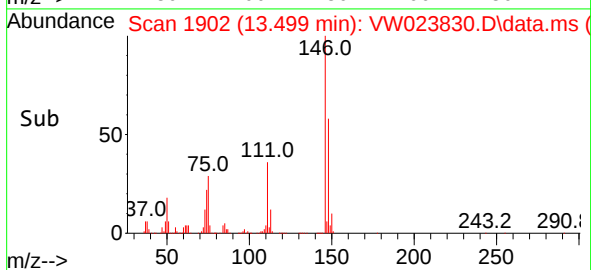
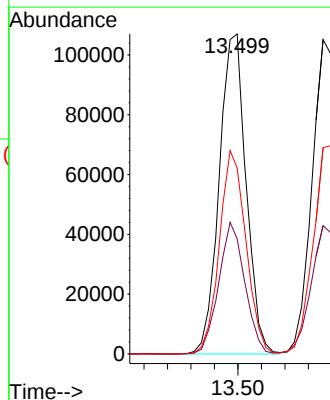
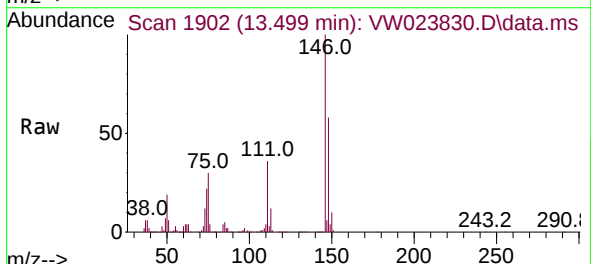
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

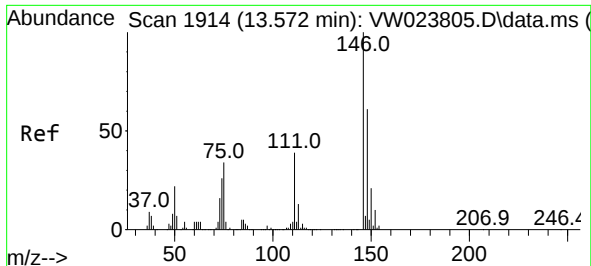
Tgt Ion:105 Resp: 312707
Ion Ratio Lower Upper
105 100
120 45.4 35.5 53.3



#64
1,3-Dichlorobenzene
Concen: 21.849 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:146 Resp: 170102
Ion Ratio Lower Upper
146 100
111 36.0 28.6 53.2
148 58.1 41.2 76.4

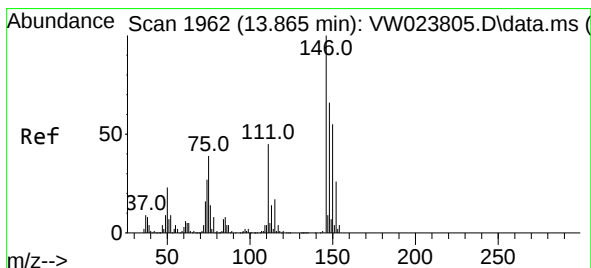
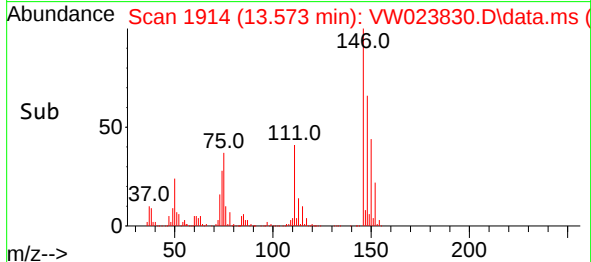
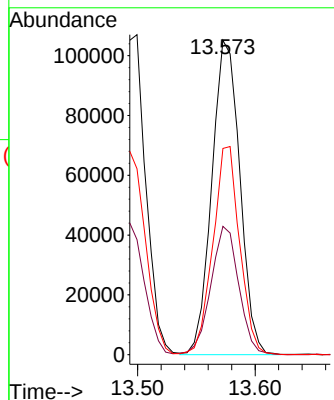
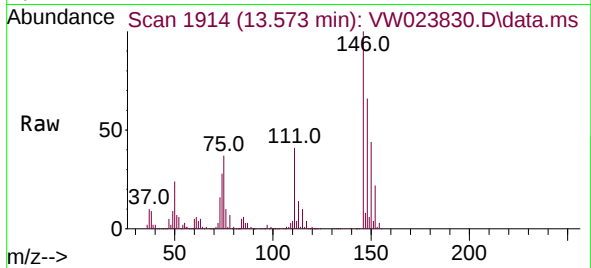




#65
1,4-Dichlorobenzene
Concen: 21.044 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

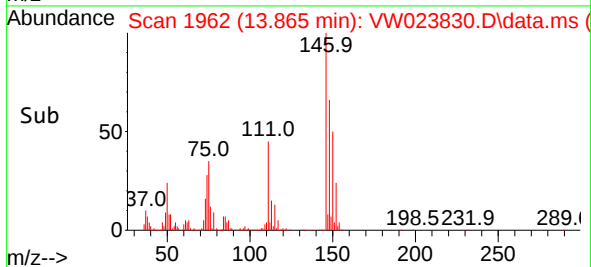
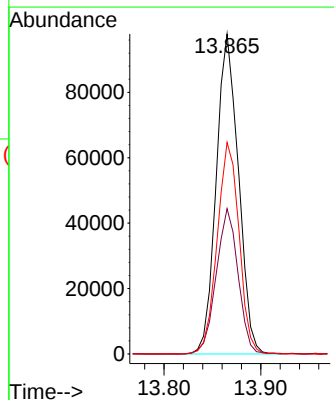
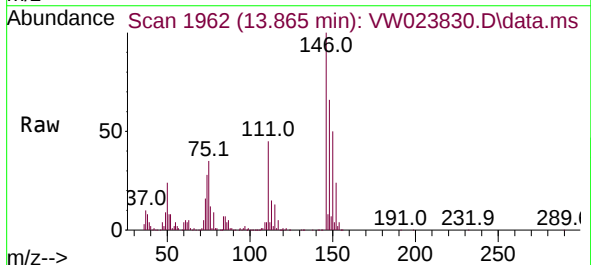
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

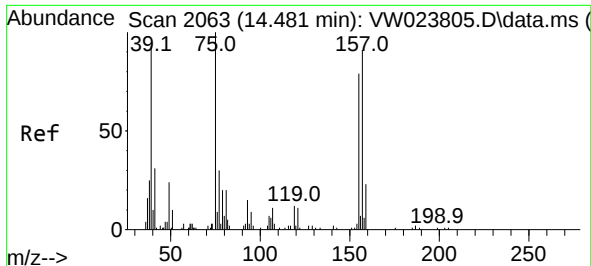
Tgt Ion:146 Resp: 174302
Ion Ratio Lower Upper
146 100
111 40.8 29.4 54.6
148 65.6 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 21.220 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:146 Resp: 155810
Ion Ratio Lower Upper
146 100
111 45.4 35.9 53.9
148 66.1 51.3 76.9





#68

1,2-Dibromo-3-chloropropane

Concen: 20.447 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025492

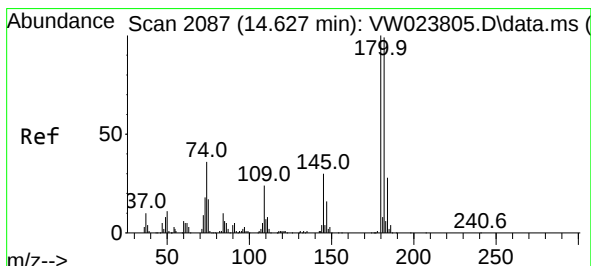
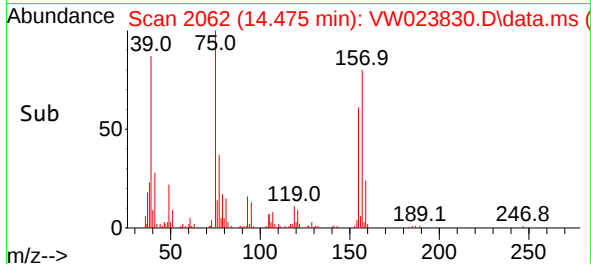
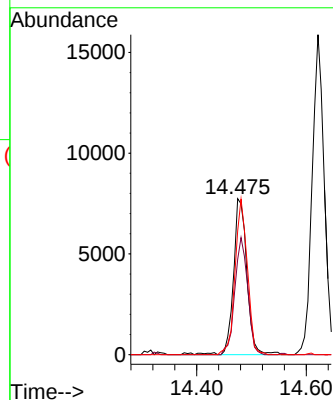
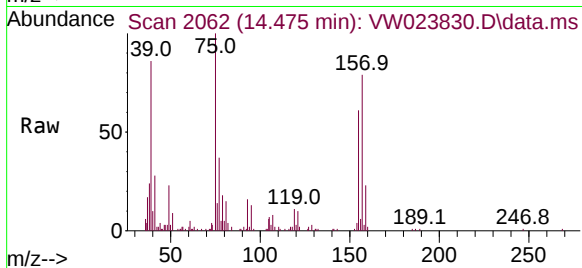
Tgt Ion: 75 Resp: 13200

Ion Ratio Lower Upper

75 100

155 61.1 51.7 77.5

157 79.3 63.5 95.3



#69

1,3,5-Trichlorobenzene

Concen: 21.435 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW023830.D

Acq: 18 Jul 2022 09:56

Tgt Ion:180 Resp: 110459

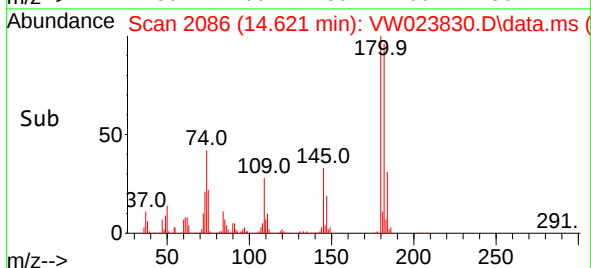
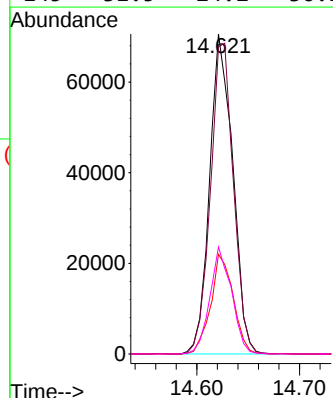
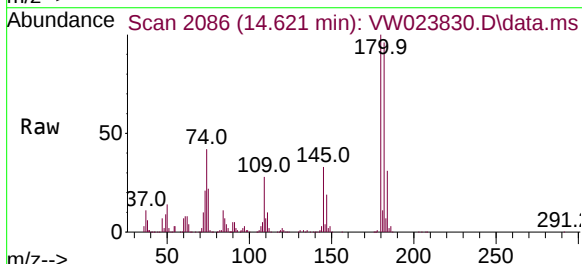
Ion Ratio Lower Upper

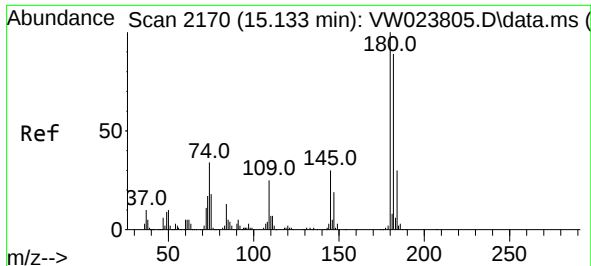
180 100

182 96.7 70.2 105.2

184 30.4 22.6 34.0

145 31.5 24.2 36.2

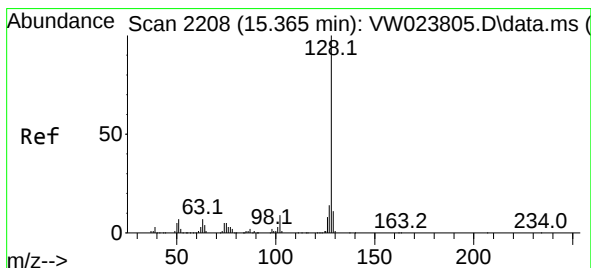
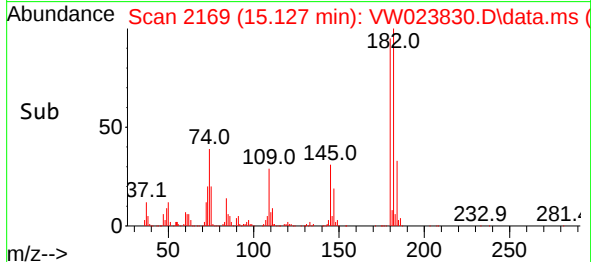
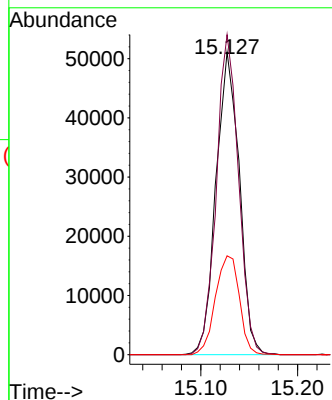
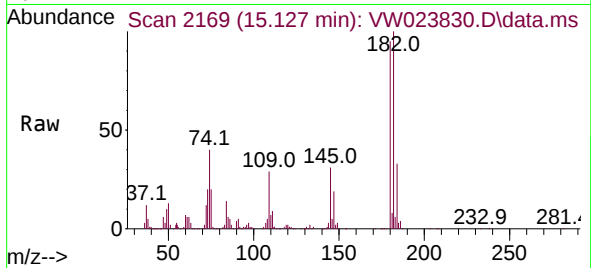




#70
1,2,4-trichlorobenzene
Concen: 21.472 ug/L
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

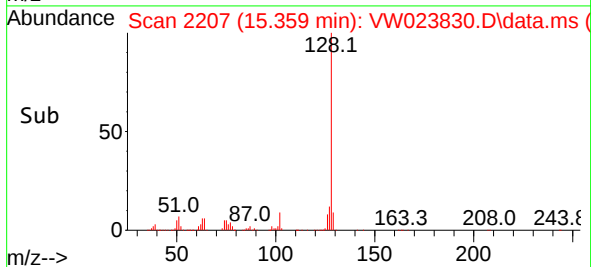
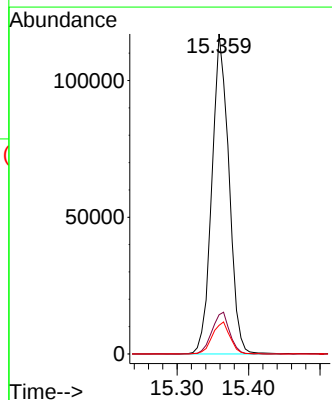
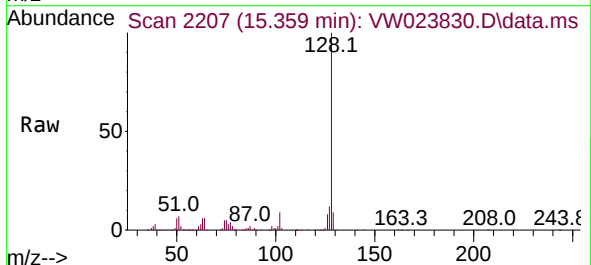
Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

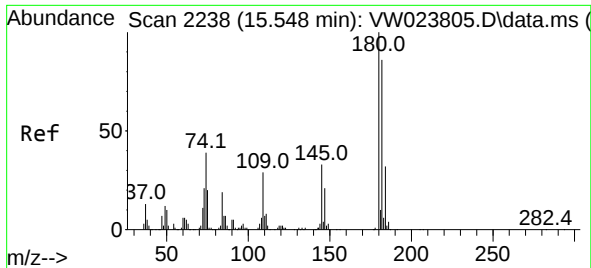
Tgt Ion:180 Resp: 85439
Ion Ratio Lower Upper
180 100
182 100.8 77.5 116.3
145 33.6 26.3 39.5



#71
Naphthalene
Concen: 22.712 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW023830.D
Acq: 18 Jul 2022 09:56

Tgt Ion:128 Resp: 193861
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.3 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 23.339 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023830.D
 Acq: 18 Jul 2022 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	76.3	114.5
145	30.2	27.8	41.6

