

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024152.D
 Acq On : 03 Aug 2022 16:05
 Operator : SY/VA
 Sample : N4008-01
 Misc : 4.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COZE5

Quant Time: Aug 04 01:13:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 01:06:52 2022
 Response via : Initial Calibration

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

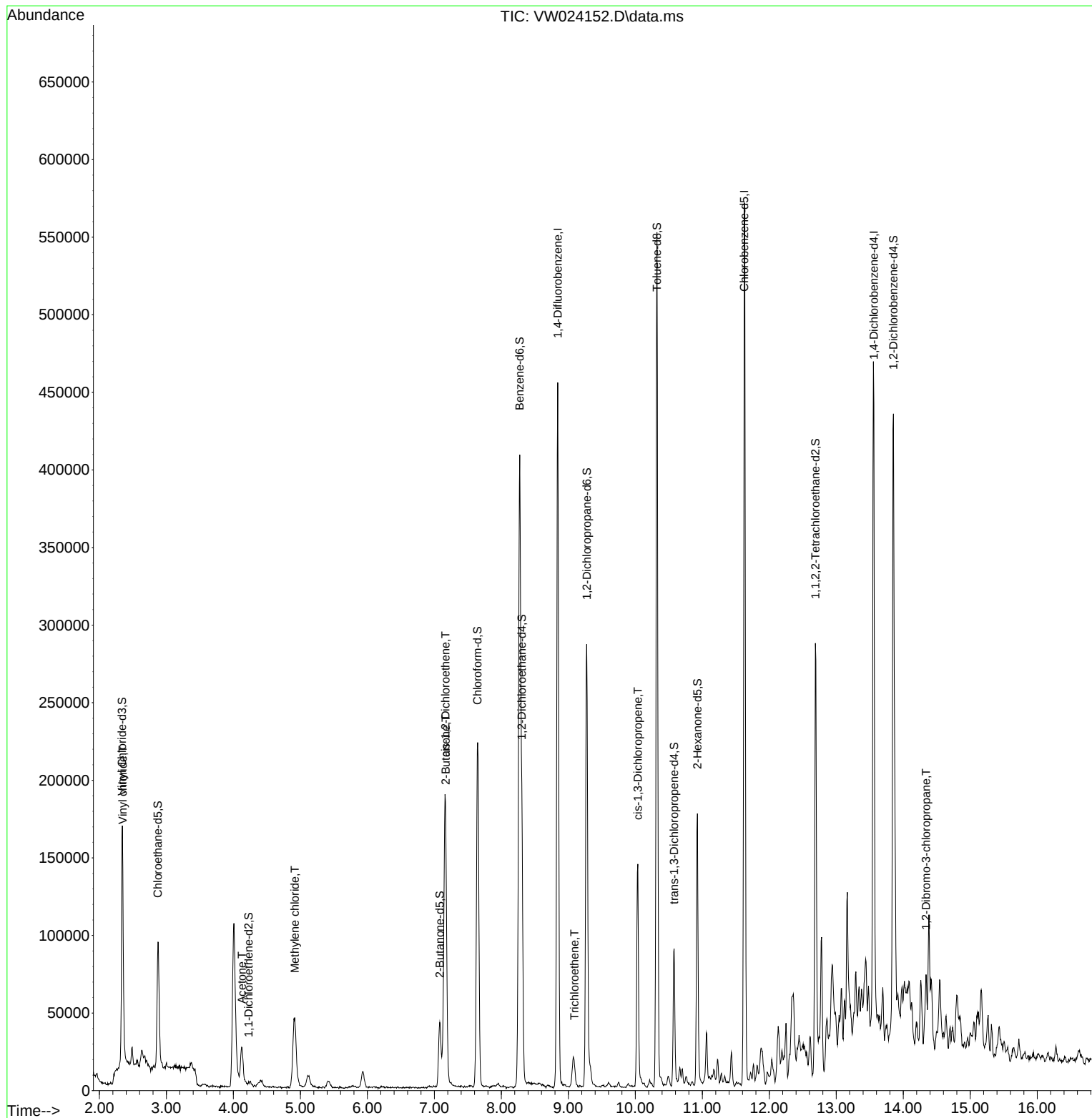
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	362897	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	117437	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	143876	23.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
7) Chloroethane-d5	2.873	69	99063	25.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.040%
11) 1,1-Dichloroethene-d2	4.227	63	228	0.030	ug/L	0.21
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.120%#
21) 2-Butanone-d5	7.080	46	66285	51.904	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.800%
24) Chloroform-d	7.641	84	227256	22.167	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.680%
26) 1,2-Dichloroethane-d4	8.305	65	126456	22.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.040%
32) Benzene-d6	8.275	84	412148	24.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.720%
36) 1,2-Dichloropropane-d6	9.274	67	130505	26.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.880%
41) Toluene-d8	10.323	98	350637	22.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	10.579	79	48146	20.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.720%
47) 2-Hexanone-d5	10.927	63	53620	57.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.080%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118123	23.749	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	101427	24.347	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	32095	3.639	ug/L	86
13) Acetone	4.129	43	42234	41.239	ug/L	96
16) Methylene chloride	4.915	84	38895	5.491	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	76767	13.481	ug/L	93
22) 2-Butanone	7.171	43	13752	8.375	ug/L	97
34) Trichloroethene	9.092	95	3560	0.679	ug/L	87
39) cis-1,3-Dichloropropene	10.036	75	4527	0.642	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	14.341	75	1014	1.940	ug/L #	2

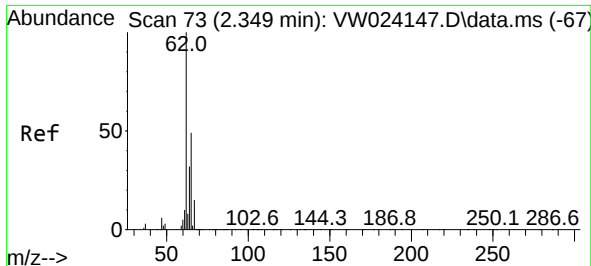
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Aug 04 01:06:52 2022
Response via : Initial Calibration

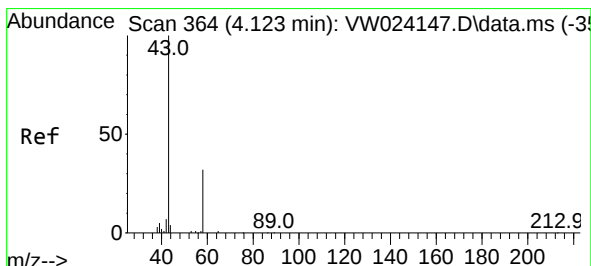
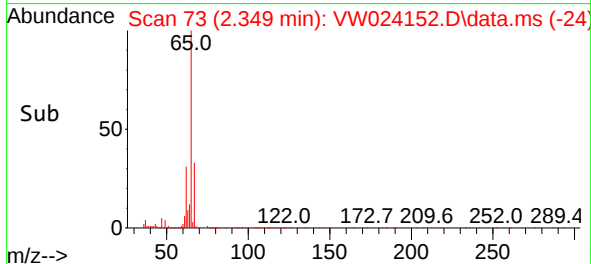
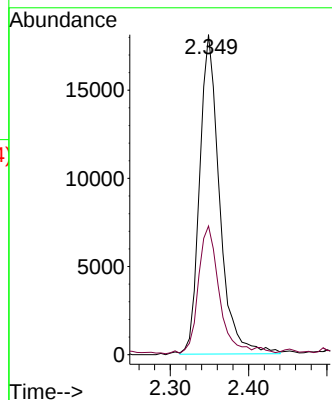
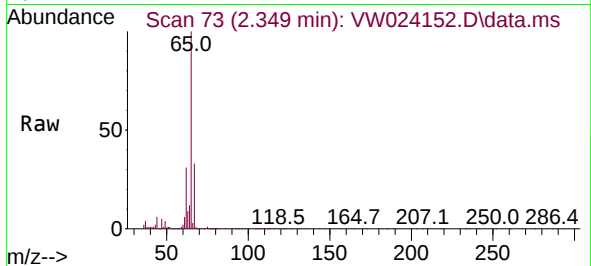




#5
 Vinyl chloride
 Concen: 3.639 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024152.D
 Acq: 03 Aug 2022 16:05

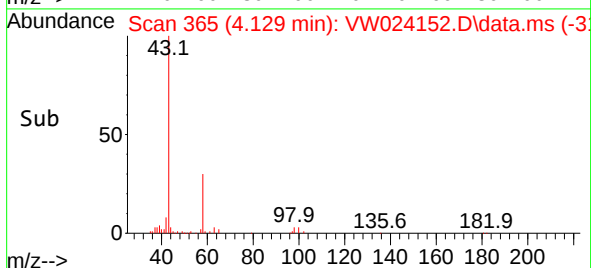
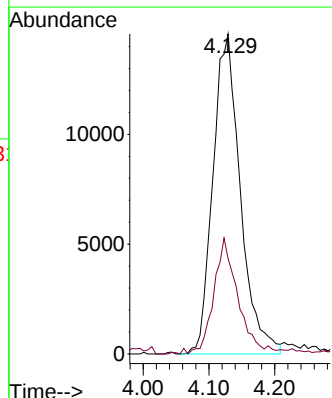
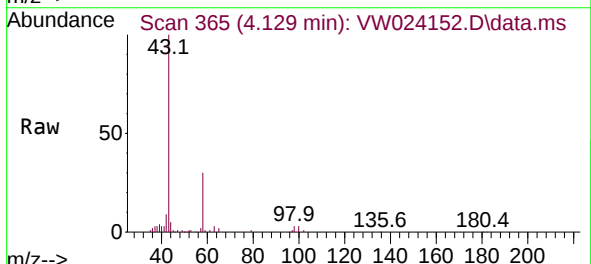
Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZE5

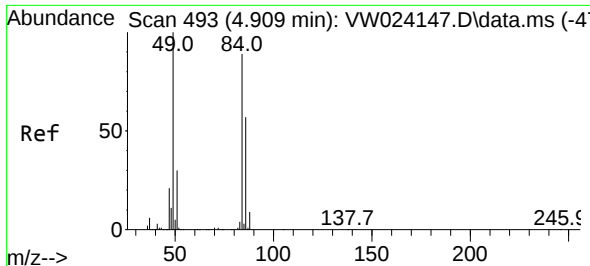
Tgt Ion: 62 Resp: 32095
 Ion Ratio Lower Upper
 62 100
 64 40.2 22.7 42.3



#13
 Acetone
 Concen: 41.239 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW024152.D
 Acq: 03 Aug 2022 16:05

Tgt Ion: 43 Resp: 42234
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 66.0

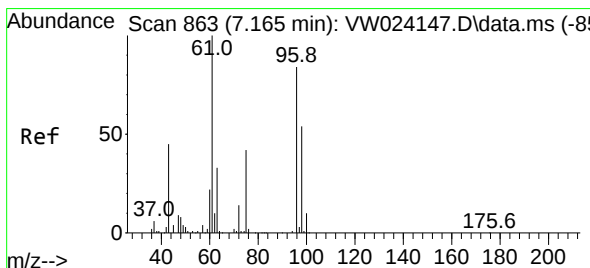
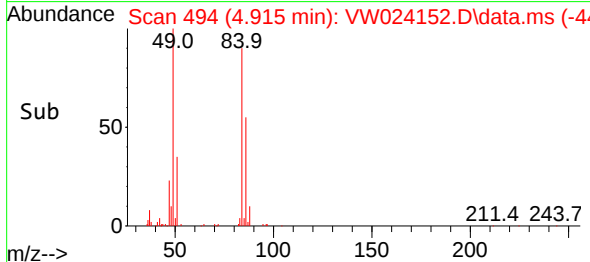
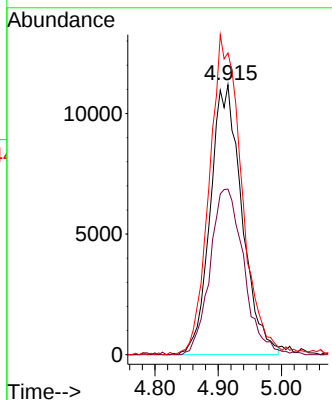
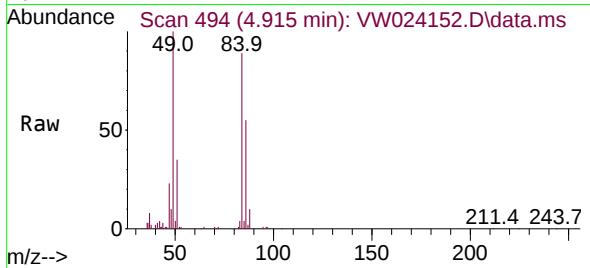




#16
Methylene chloride
Concen: 5.491 ug/L
RT: 4.915 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024152.D
Acq: 03 Aug 2022 16:05

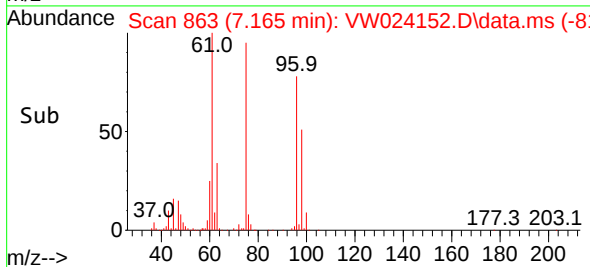
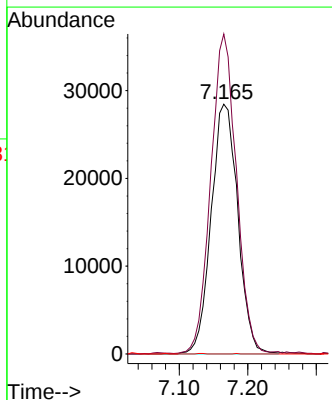
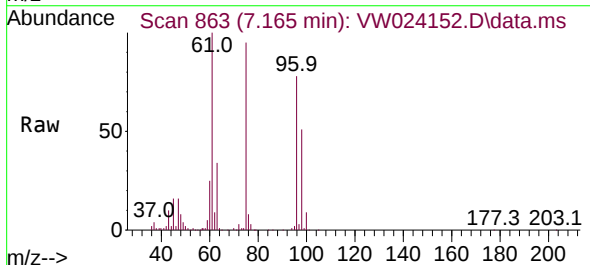
Instrument :
MSVOA_W
ClientSampleId :
C0ZE5

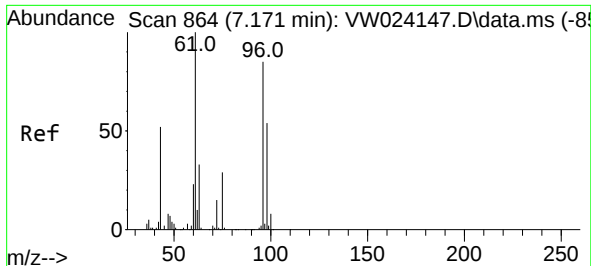
Tgt Ion: 84 Resp: 38895
Ion Ratio Lower Upper
84 100
86 61.3 44.7 83.1
49 111.7 78.6 146.0



#20
cis-1,2-Dichloroethene
Concen: 13.481 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024152.D
Acq: 03 Aug 2022 16:05

Tgt Ion: 96 Resp: 76767
Ion Ratio Lower Upper
96 100
61 128.1 83.9 155.9
68 0.0 0.0 0.0

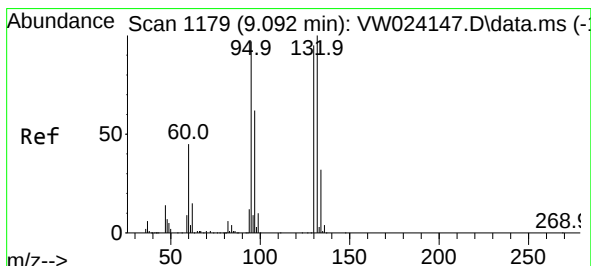
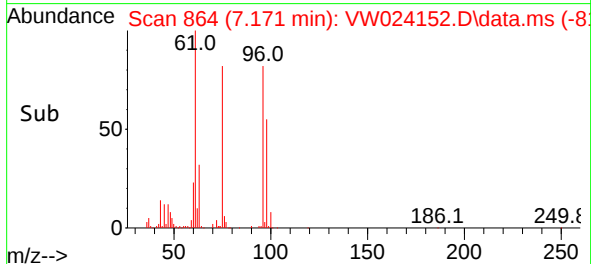
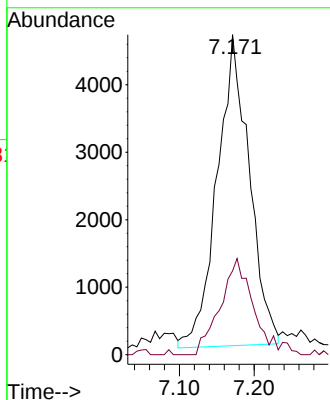
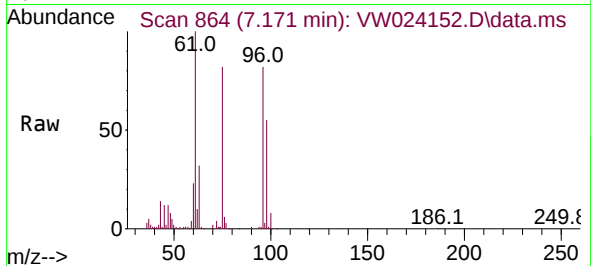




#22
2-Butanone
Concen: 8.375 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024152.D
Acq: 03 Aug 2022 16:05

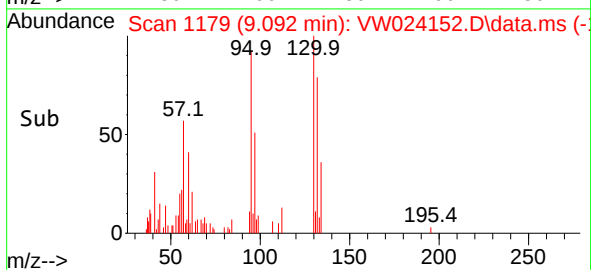
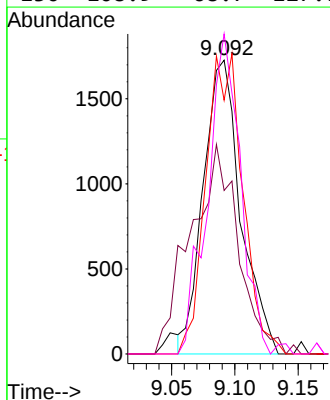
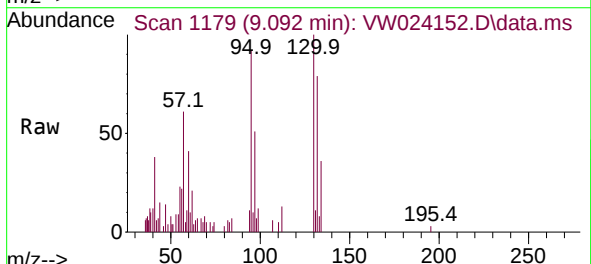
Instrument :
MSVOA_W
ClientSampleId :
C0ZE5

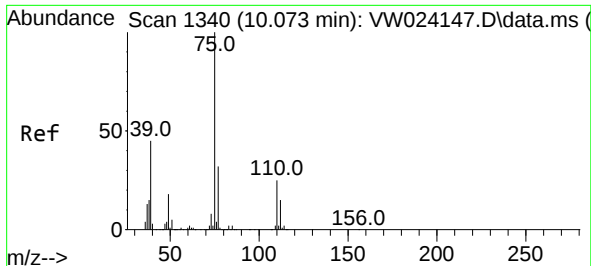
Tgt Ion: 43 Resp: 13752
Ion Ratio Lower Upper
43 100
72 31.0 14.6 43.8



#34
Trichloroethene
Concen: 0.679 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024152.D
Acq: 03 Aug 2022 16:05

Tgt Ion: 95 Resp: 3560
Ion Ratio Lower Upper
95 100
97 55.6 44.9 83.3
132 86.4 72.4 134.5
130 108.9 68.7 127.7





#39

cis-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW024152.D

Acq: 03 Aug 2022 16:05

Instrument :

MSVOA_W

ClientSampleId :

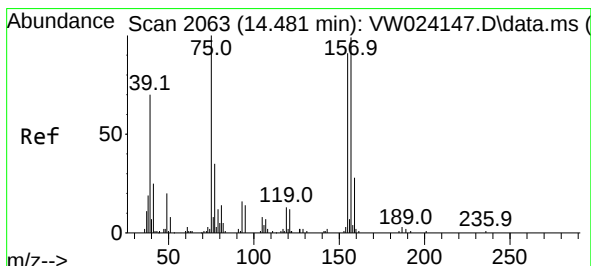
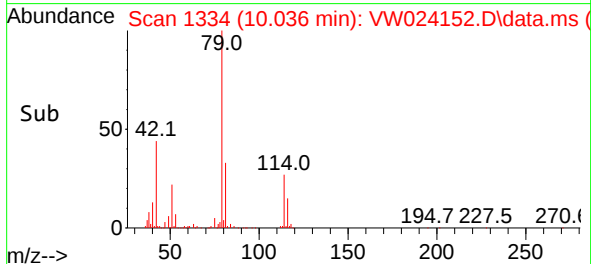
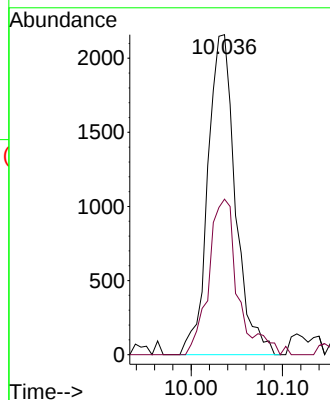
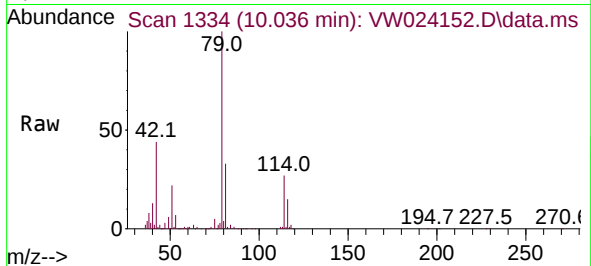
COZE5

Tgt Ion: 75 Resp: 4527

Ion Ratio Lower Upper

75 100

77 48.6 22.0 41.0#



#68

1,2-Dibromo-3-chloropropane

Concen: 1.940 ug/L

RT: 14.341 min Scan# 2040

Delta R.T. -0.140 min

Lab File: VW024152.D

Acq: 03 Aug 2022 16:05

Tgt Ion: 75 Resp: 1014

Ion Ratio Lower Upper

75 100

155 0.0 72.6 109.0#

157 0.0 79.1 118.7#

