

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027378.D
 Acq On : 13 Aug 2022 19:15
 Operator : SY/MD
 Sample : N4133-12DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

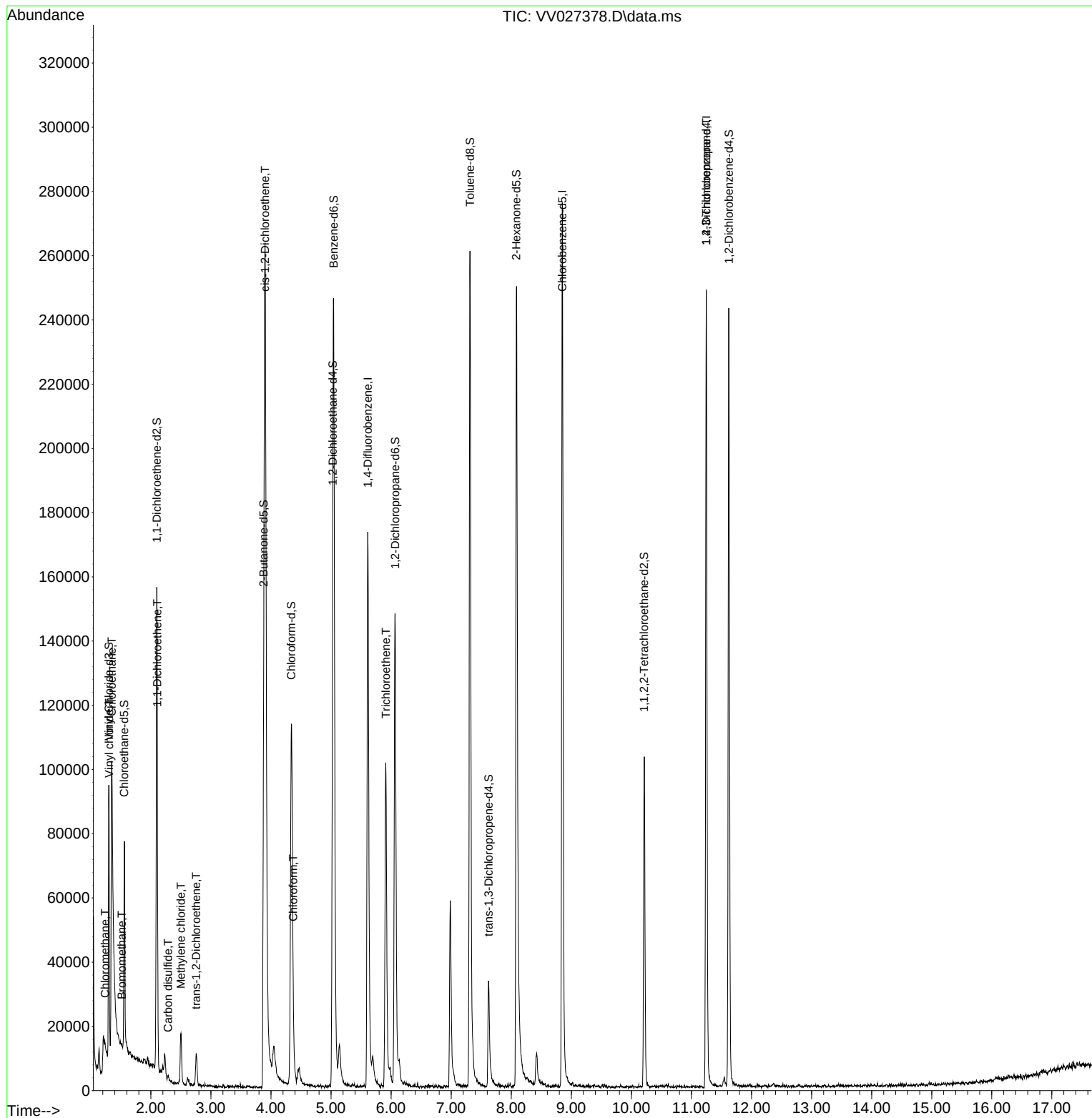
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	143384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58784	4.719	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.558	69	41253	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.098	63	78245	3.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.879	46	123500	58.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.080%
24) Chloroform-d	4.339	84	116822	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.027	65	57749	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.043	84	214911	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.066	67	70644	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.313	98	181099	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.622	79	20998	4.287	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.085	63	84985	44.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48477	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60330	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1032	0.061	ug/L	98
5) Vinyl chloride	1.304	62	3455	0.217	ug/L #	1
6) Bromomethane	1.516	94	473	0.064	ug/L #	67
8) Chloroethane	1.349	64	156250	17.677	ug/L #	51
12) 1,1-Dichloroethene	2.108	96	1859	0.180	ug/L #	1
14) Carbon disulfide	2.285	76	2859	0.069	ug/L #	91
16) Methylene chloride	2.500	84	6635	0.400	ug/L	94
18) trans-1,2-Dichloroethene	2.754	96	3517	0.277	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	114270	9.150	ug/L	95
25) Chloroform	4.368	83	3937	0.158	ug/L	99
34) Trichloroethene	5.912	95	34473	2.614	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	8385	1.361	ug/L #	65

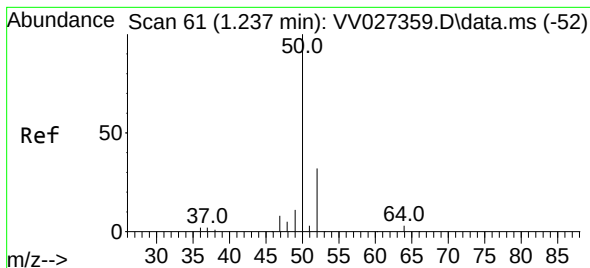
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.061 ug/L

RT: 1.236 min Scan# 61

Delta R.T. -0.000 min

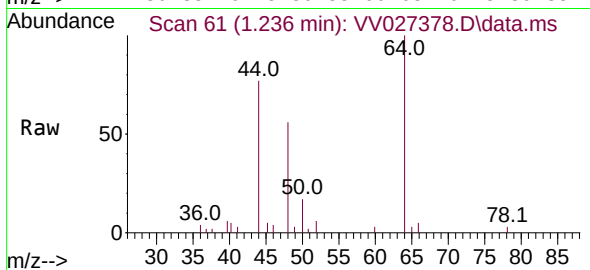
Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

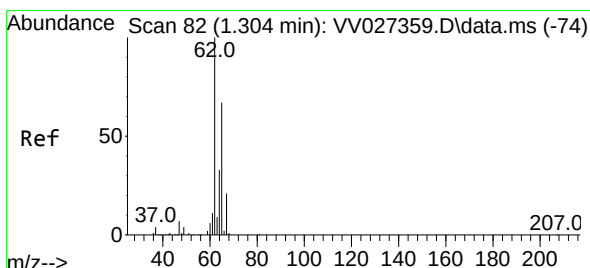
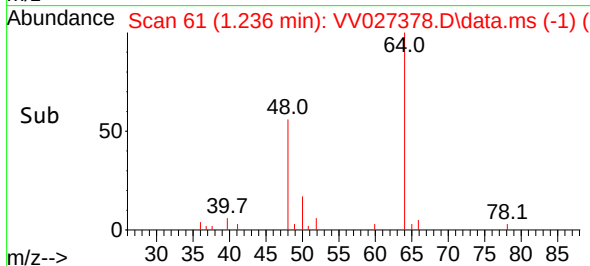
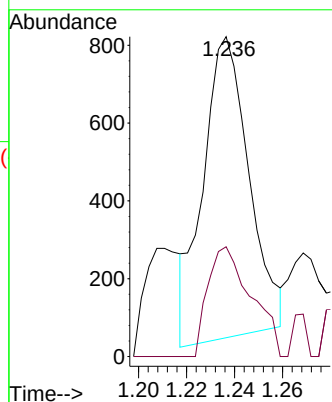


Tgt Ion: 50 Resp: 1032

Ion Ratio Lower Upper

50 100

52 34.3 23.4 43.4



#5

Vinyl chloride

Concen: 0.217 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV027378.D

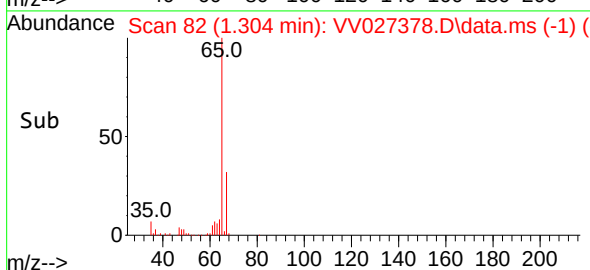
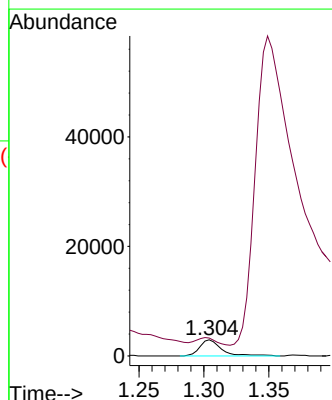
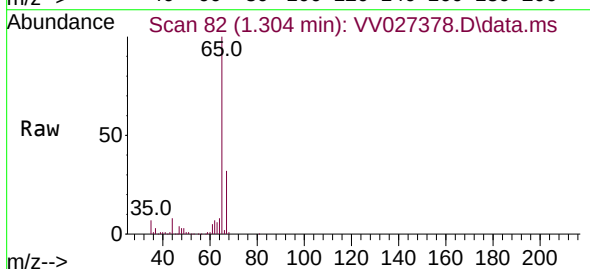
Acq: 13 Aug 2022 19:15

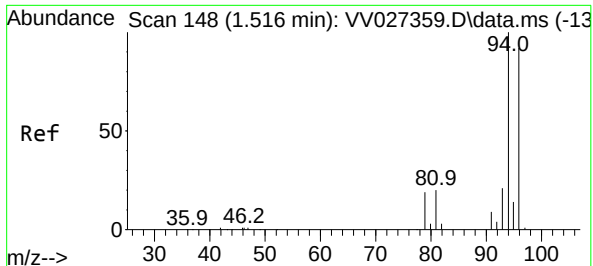
Tgt Ion: 62 Resp: 3455

Ion Ratio Lower Upper

62 100

64 110.1 23.7 44.1#

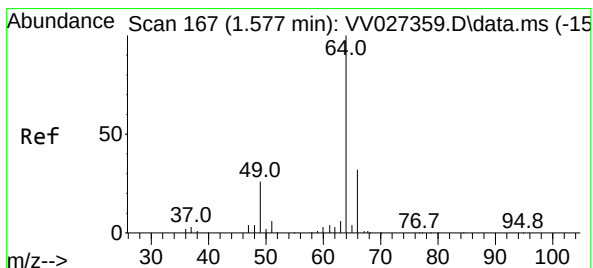
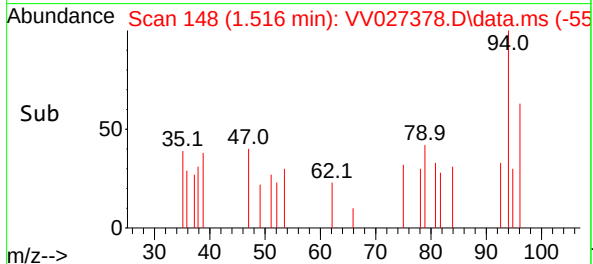
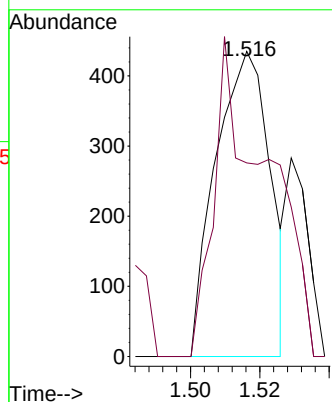
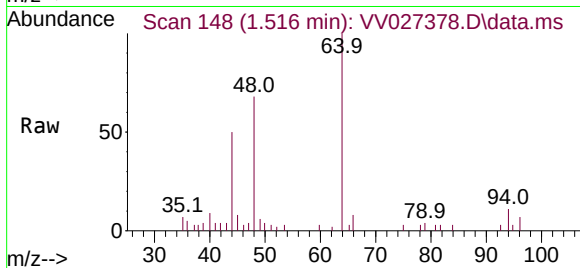




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV027378.D
Acq: 13 Aug 2022 19:15

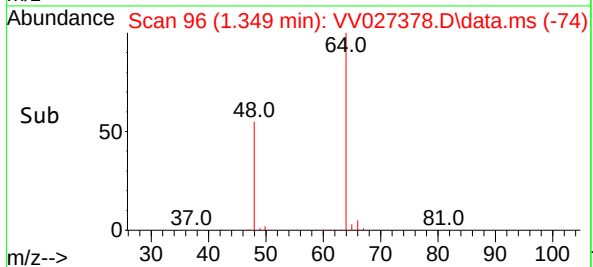
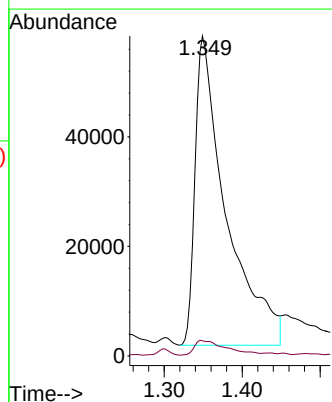
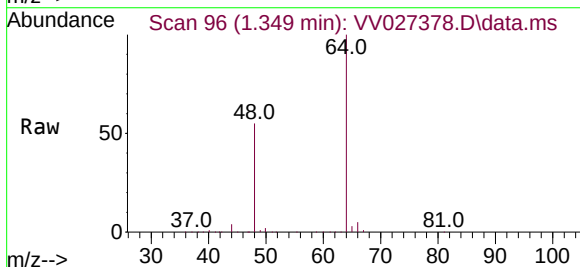
Instrument :
MSVOA_V
ClientSampleId :

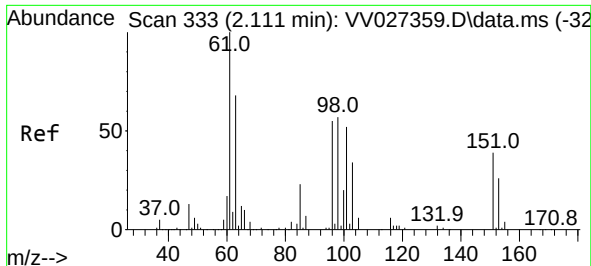
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 63.4 67.2 124.8#



#8
Chloroethane
Concen: 17.677 ug/L
RT: 1.349 min Scan# 96
Delta R.T. -0.228 min
Lab File: VV027378.D
Acq: 13 Aug 2022 19:15

Tgt Ion: 64 Resp: 156250
Ion Ratio Lower Upper
64 100
66 4.8 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

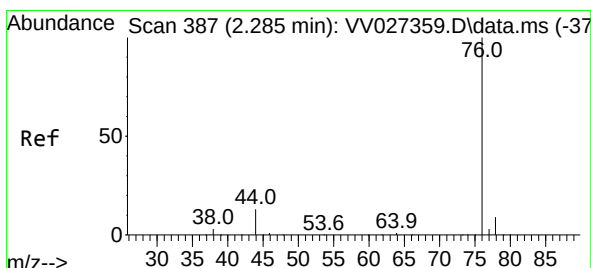
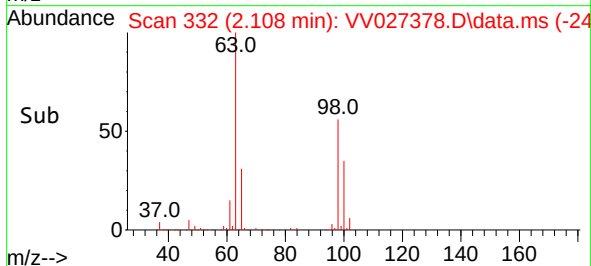
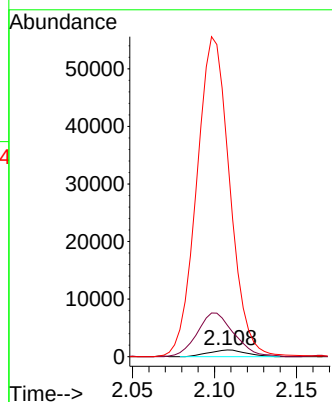
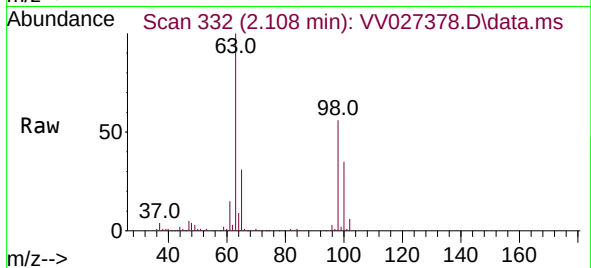
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1859

Ion	Ratio	Lower	Upper
96	100		
61	461.3	130.7	242.7#
63	3000.5	101.4	188.2#



#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.285 min Scan# 387

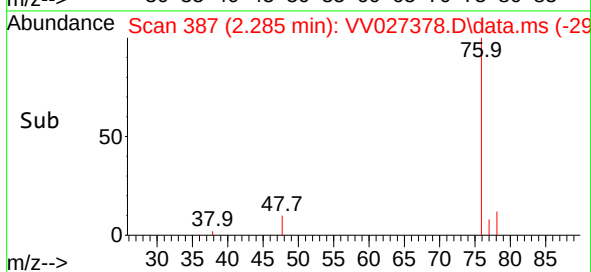
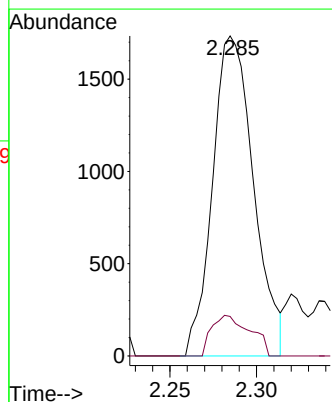
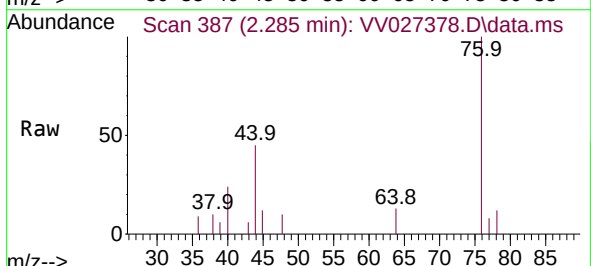
Delta R.T. -0.000 min

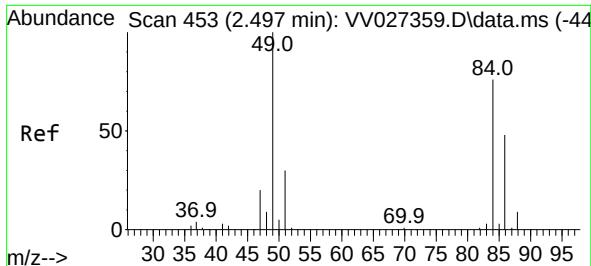
Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

Tgt Ion: 76 Resp: 2859

Ion	Ratio	Lower	Upper
76	100		
78	12.3	7.2	10.8#

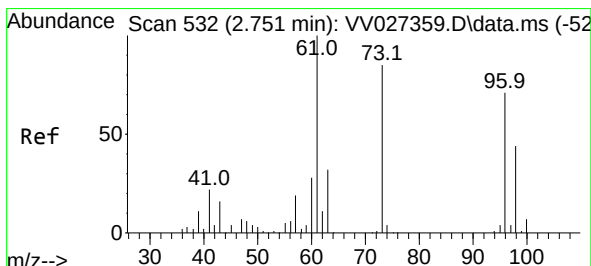
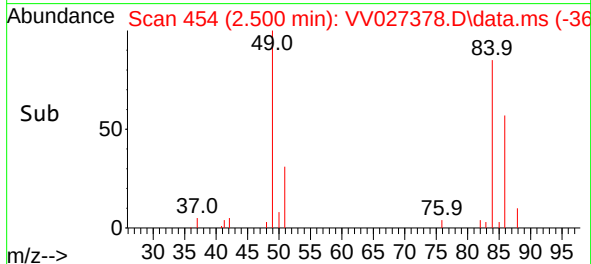
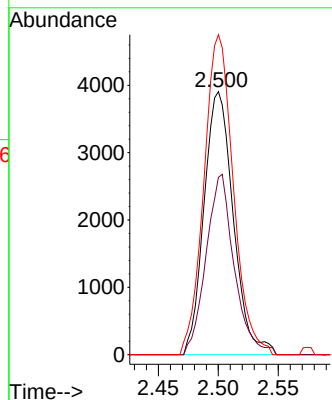
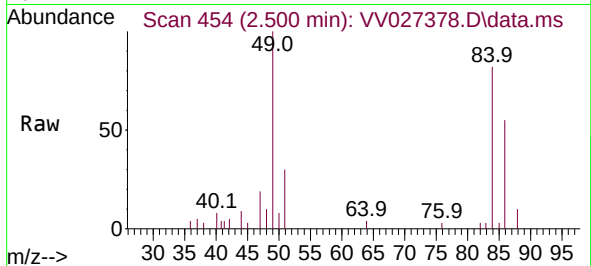




#16
Methylene chloride
Concen: 0.400 ug/L
RT: 2.500 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV027378.D
Acq: 13 Aug 2022 19:15

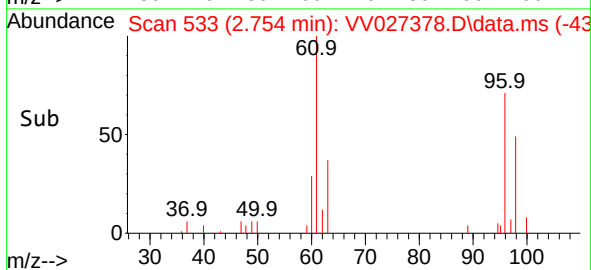
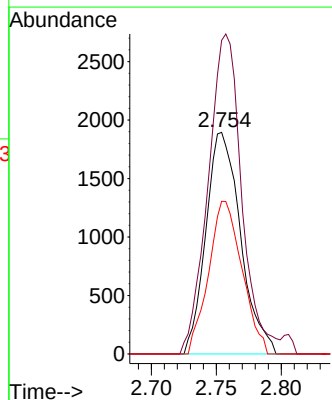
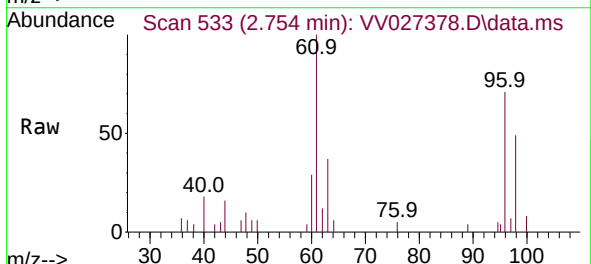
Instrument :
MSVOA_V
ClientSampleId :

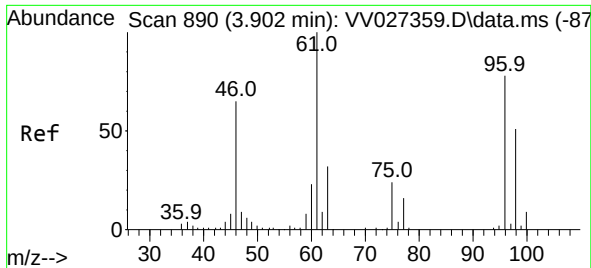
Tgt Ion: 84 Resp: 6635
Ion Ratio Lower Upper
84 100
86 67.4 45.1 83.9
49 121.7 91.2 169.4



#18
trans-1,2-Dichloroethene
Concen: 0.277 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV027378.D
Acq: 13 Aug 2022 19:15

Tgt Ion: 96 Resp: 3517
Ion Ratio Lower Upper
96 100
61 141.5 99.6 185.0
98 68.9 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 9.150 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

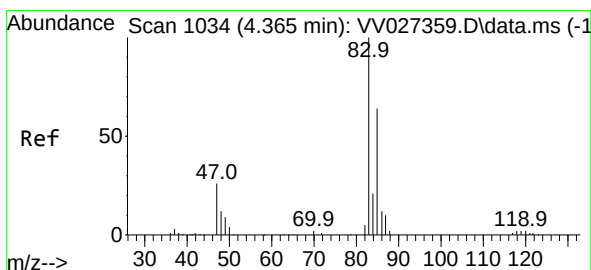
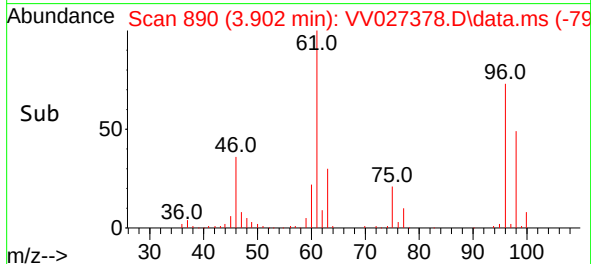
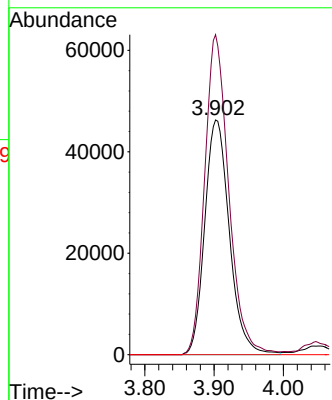
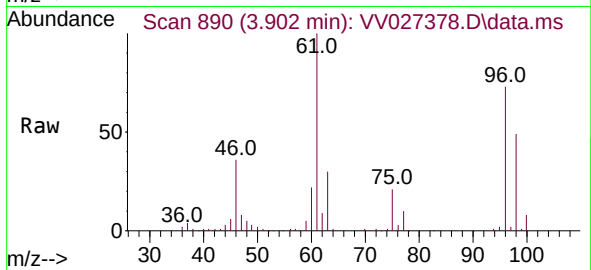
Tgt Ion: 96 Resp: 114270

Ion Ratio Lower Upper

96 100

61 136.3 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.158 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027378.D

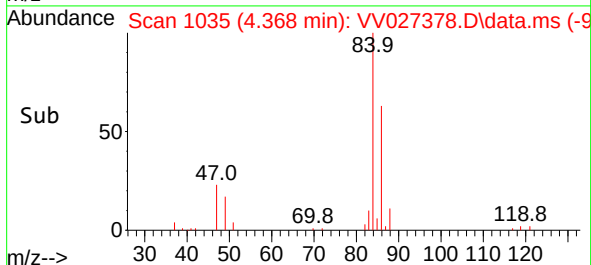
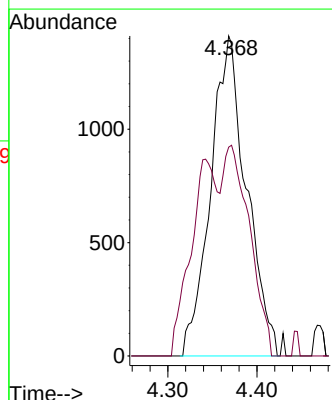
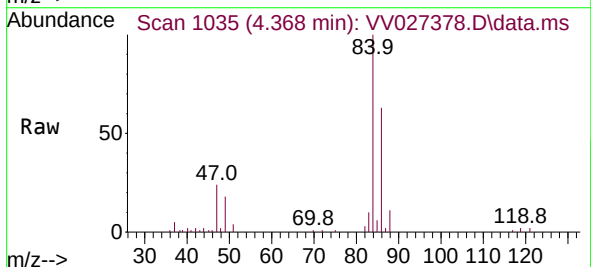
Acq: 13 Aug 2022 19:15

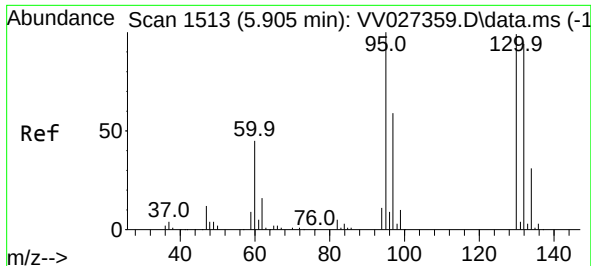
Tgt Ion: 83 Resp: 3937

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0





#34

Trichloroethene

Concen: 2.614 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 34473

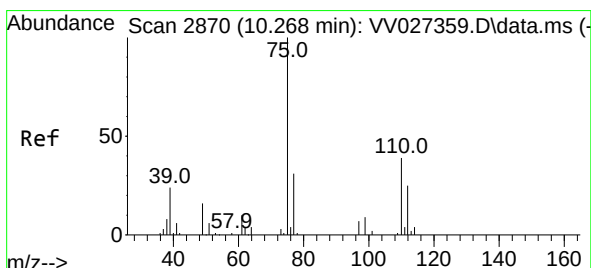
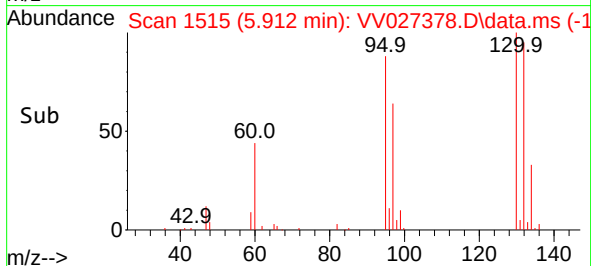
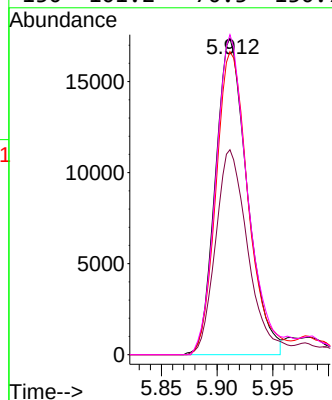
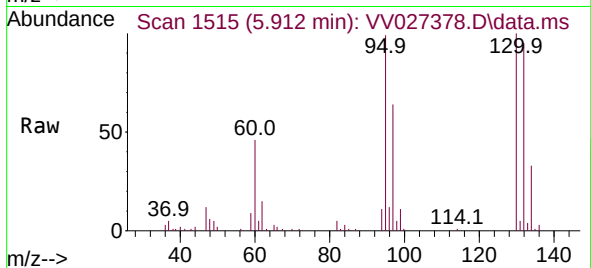
Ion Ratio Lower Upper

95 100

97 64.8 45.5 84.5

132 95.8 68.2 126.6

130 101.2 70.3 130.7



#61

1,2,3-Trichloropropane

Concen: 1.361 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027378.D

Acq: 13 Aug 2022 19:15

Tgt Ion: 75 Resp: 8385

Ion Ratio Lower Upper

75 100

77 35.3 26.6 39.8

110 1.2 31.0 46.6#

