

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022617.D
 Acq On : 06 Oct 2021 12:12
 Operator : SY/MD
 Sample : M4051-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:16:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

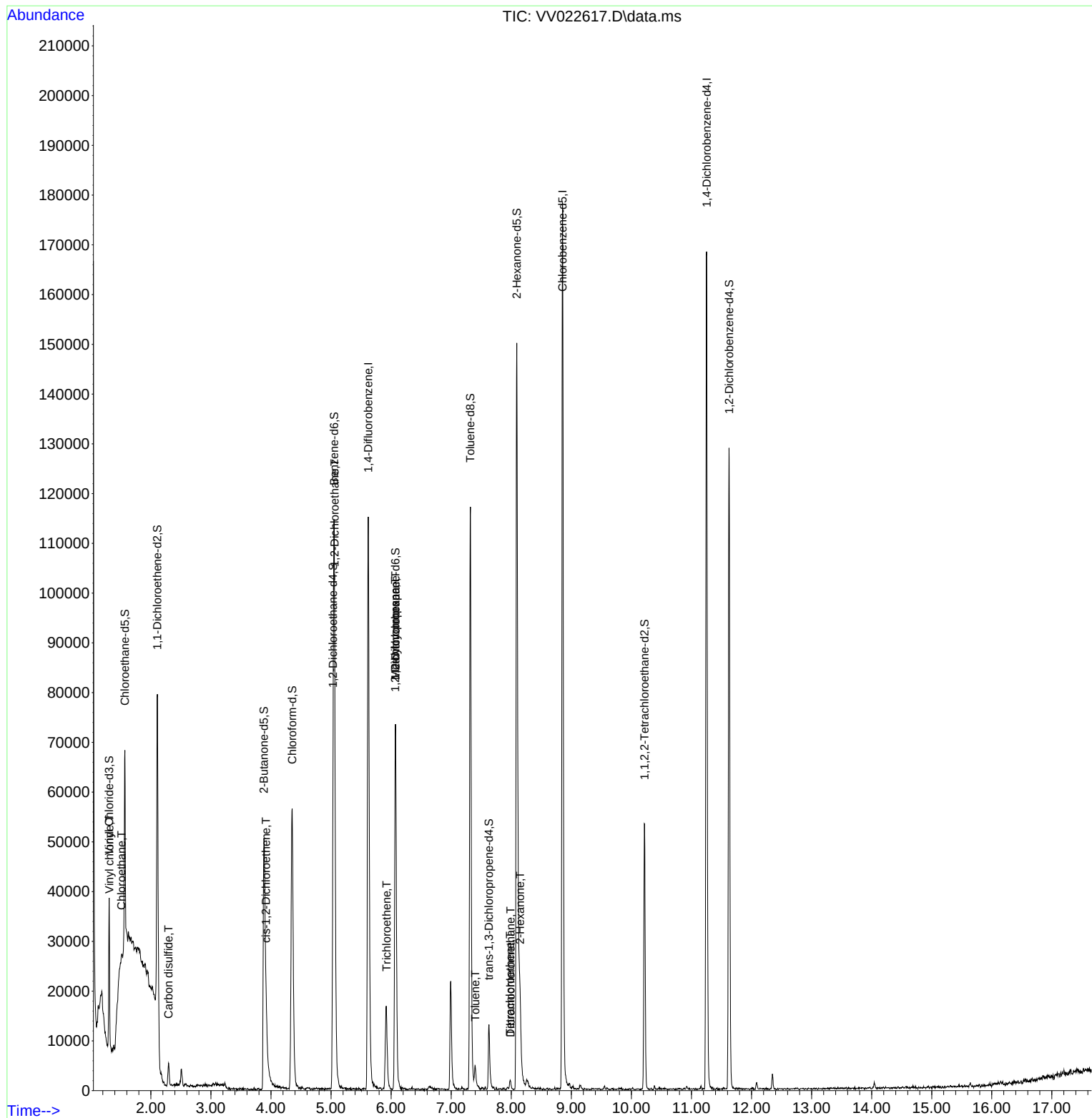
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103969	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	103110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16345	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.568	69	22736	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	31759	3.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.883	46	86190	43.771	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.540%
24) Chloroform-d	4.352	84	59912	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	29213	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.053	84	102407	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.072	67	35270	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.320	98	78637	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.628	79	7718	3.558	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.091	63	46290	34.461	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	25273	4.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.628	152	35664	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1848	0.231	ug/L #	67
8) Chloroethane	1.513	64	62423	12.266	ug/L #	50
14) Carbon disulfide	2.294	76	5396	0.290	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	1553	0.206	ug/L	94
27) 1,2-Dichloroethane	5.059	62	579	0.080	ug/L #	74
34) Trichloroethene	5.924	95	4700	0.582	ug/L	95
35) Methylcyclohexane	6.072	83	8660	0.765	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	3735	0.551	ug/L #	84
42) Toluene	7.400	91	3157	0.108	ug/L	86
47) Tetrachloroethene	7.982	164	538	0.086	ug/L #	81
48) 2-Hexanone	8.146	43	12174	4.532	ug/L #	82
49) Dibromochloromethane	7.989	129	438	0.073	ug/L #	12

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

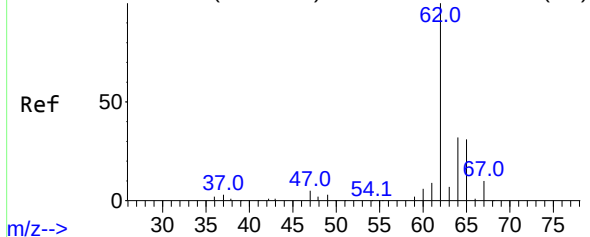
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
Data File : VV022617.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 06:15:29 2021
Response via : Initial Calibration



Abundance Scan 83 (1.307 min): VV022613.D\data.ms (-75)



#5

Vinyl chloride

Concen: 0.231 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV022617.D

Acq: 06 Oct 2021 12:12

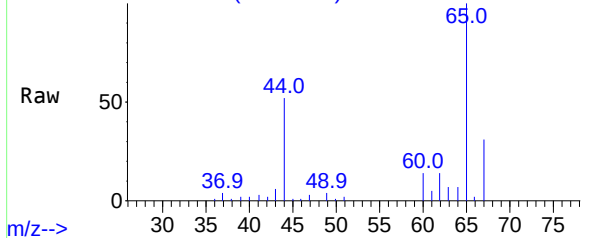
Tgt Ion: 62 Resp: 1848

Ion Ratio Lower Upper

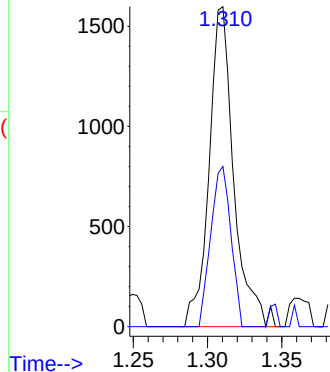
62 100

64 50.1 22.3 41.5#

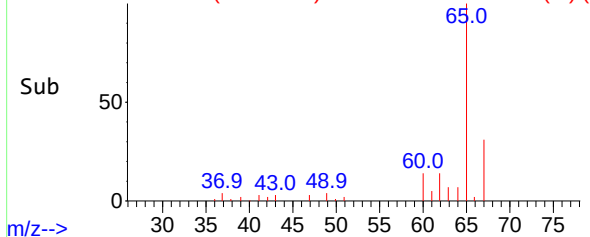
Abundance Scan 84 (1.310 min): VV022617.D\data.ms



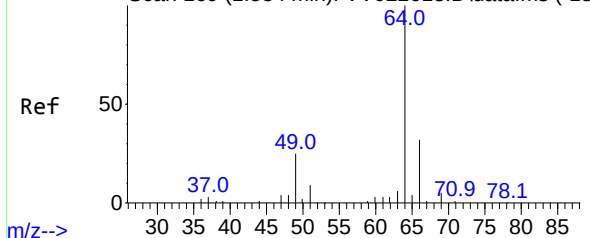
Abundance



Abundance Scan 84 (1.310 min): VV022617.D\data.ms (-1)



Abundance Scan 169 (1.584 min): VV022613.D\data.ms (-15)



#8

Chloroethane

Concen: 12.266 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.071 min

Lab File: VV022617.D

Acq: 06 Oct 2021 12:12

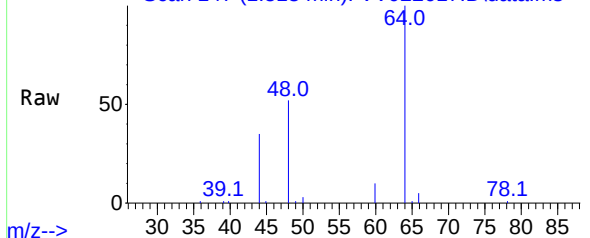
Tgt Ion: 64 Resp: 62423

Ion Ratio Lower Upper

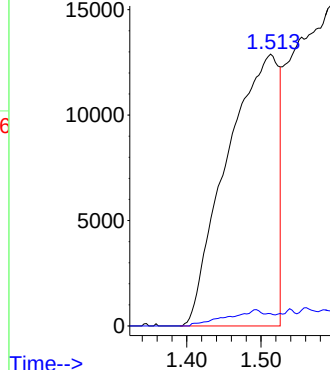
64 100

66 4.5 23.2 43.0#

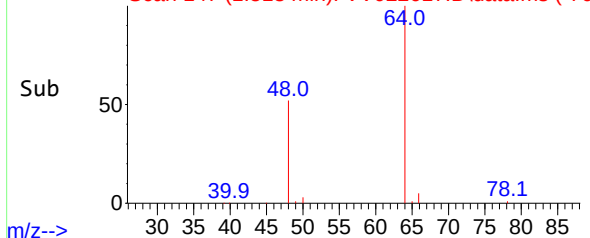
Abundance Scan 147 (1.513 min): VV022617.D\data.ms

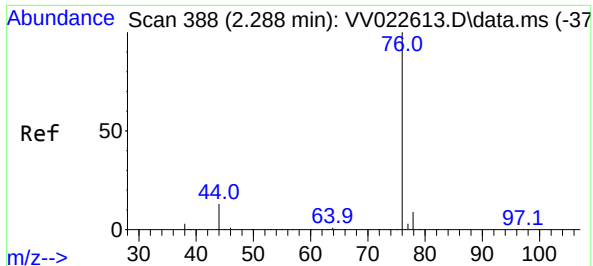


Abundance



Abundance Scan 147 (1.513 min): VV022617.D\data.ms (-76)

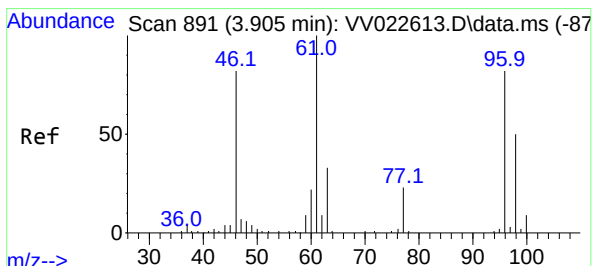
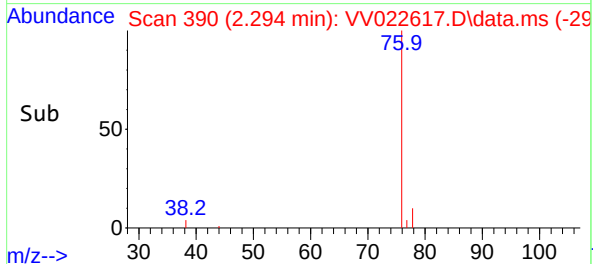
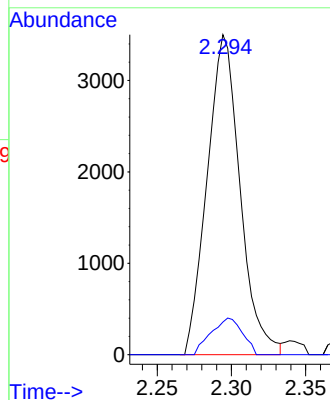
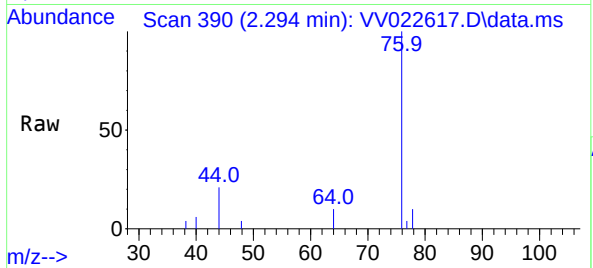




#14
Carbon disulfide
Concen: 0.290 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

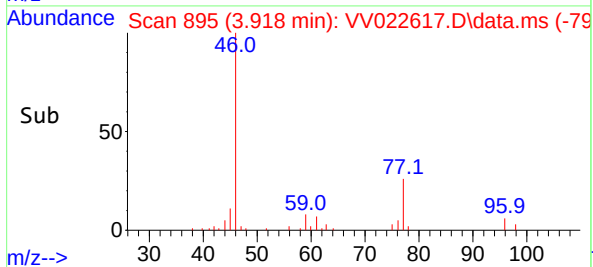
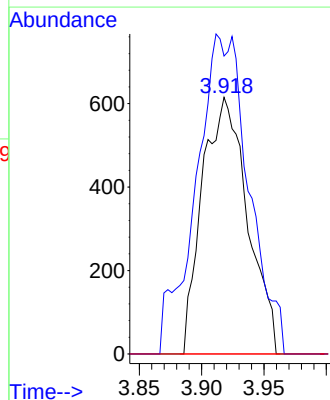
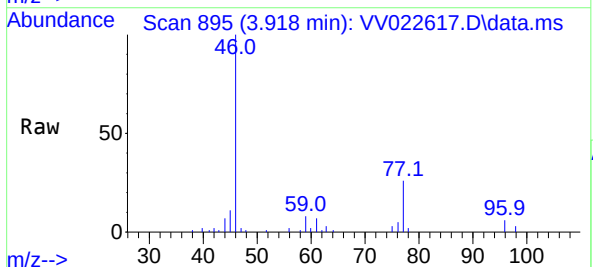
Instrument :
MSVOA_V
ClientSampled :

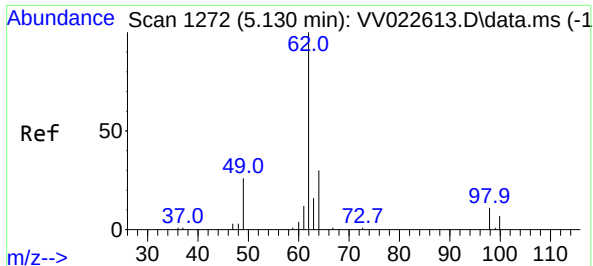
Tgt Ion: 76 Resp: 5396
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.6



#22
cis-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Tgt Ion: 96 Resp: 1553
Ion Ratio Lower Upper
96 100
61 116.1 85.6 159.0
68 0.0 0.0 0.0



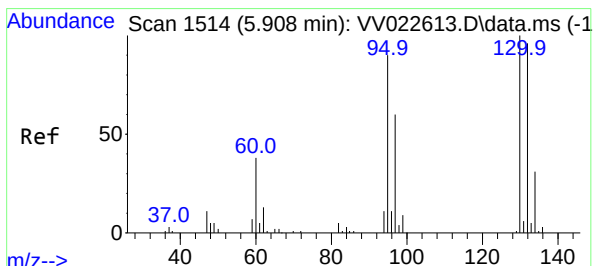
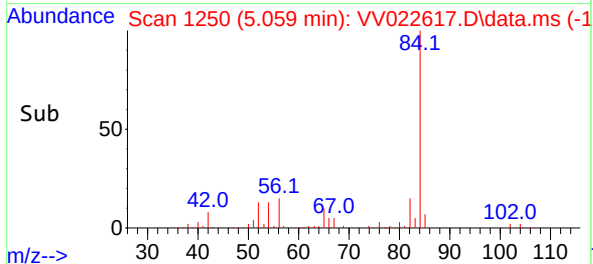
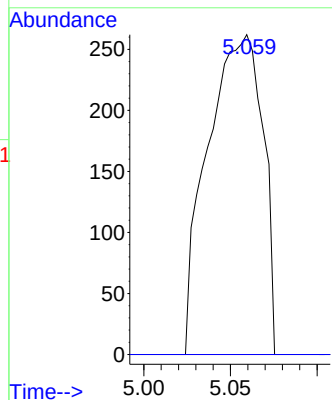
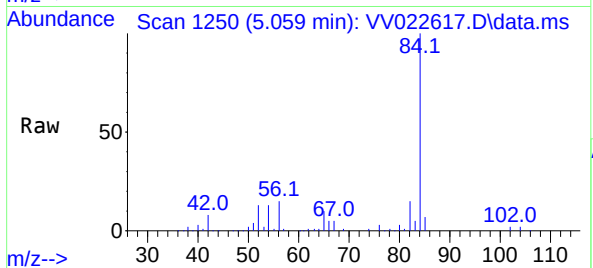


#27

1,2-Dichloroethane
Concen: 0.080 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.071 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Instrument :
MSVOA_V
ClientSampled :

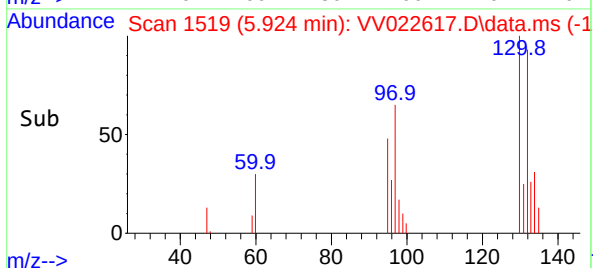
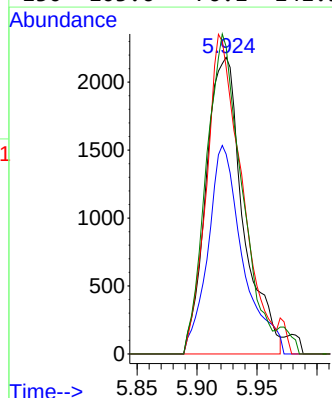
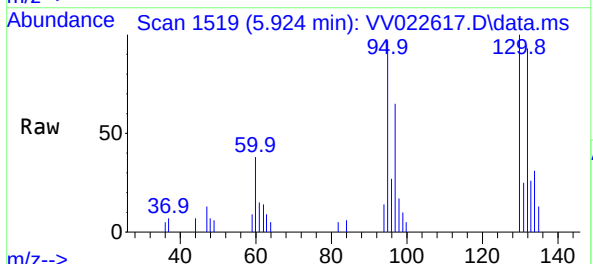
Tgt Ion: 62 Resp: 579
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

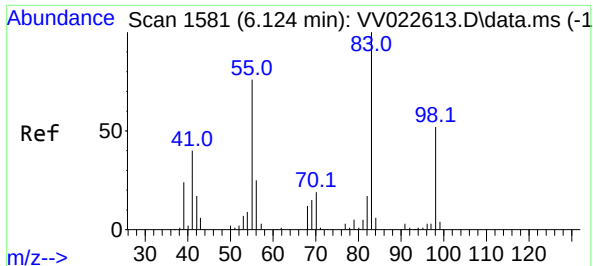


#34

Trichloroethene
Concen: 0.582 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Tgt Ion: 95 Resp: 4700
Ion Ratio Lower Upper
95 100
97 67.4 46.5 86.5
132 96.7 73.0 135.6
130 103.6 76.1 141.3





#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.072 min Scan# 1565

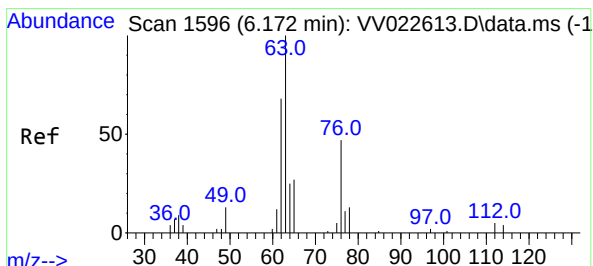
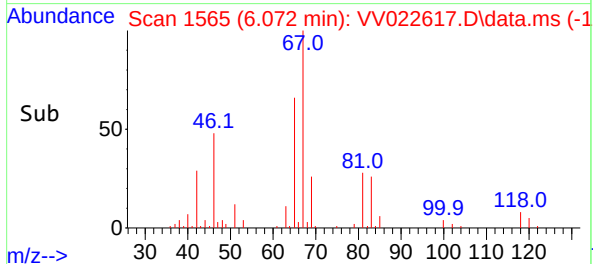
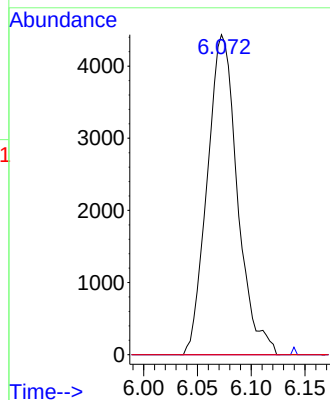
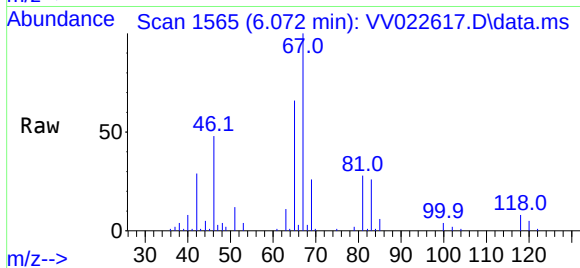
Delta R.T. -0.052 min

Lab File: VV022617.D

Acq: 06 Oct 2021 12:12

Tgt Ion:	83	Resp:	8660
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	2.5	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.551 ug/L

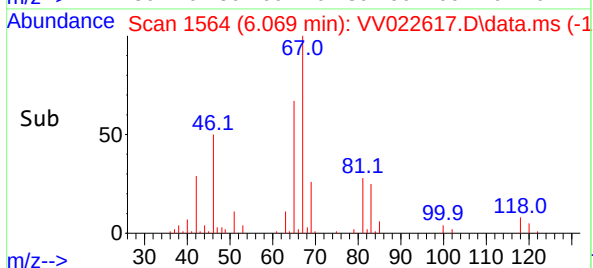
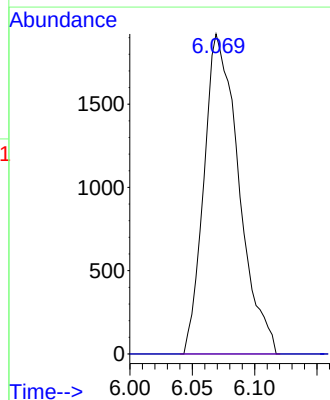
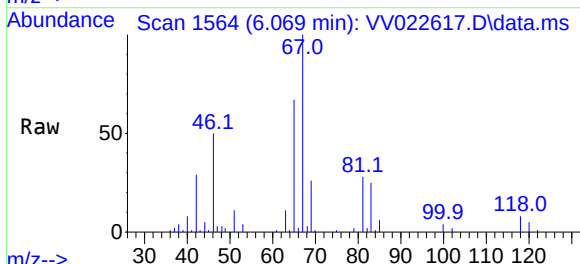
RT: 6.069 min Scan# 1564

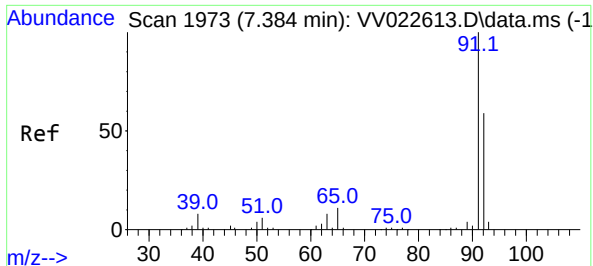
Delta R.T. -0.103 min

Lab File: VV022617.D

Acq: 06 Oct 2021 12:12

Tgt Ion:	63	Resp:	3735
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

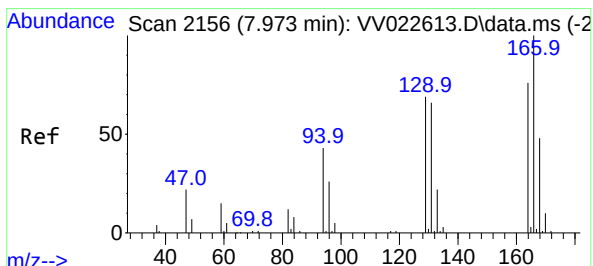
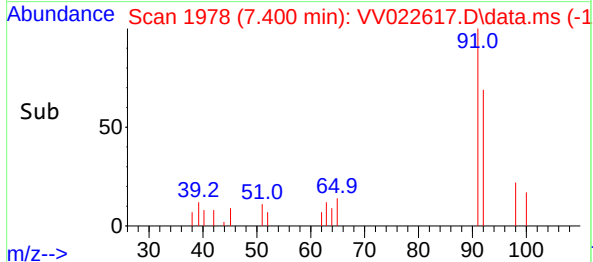
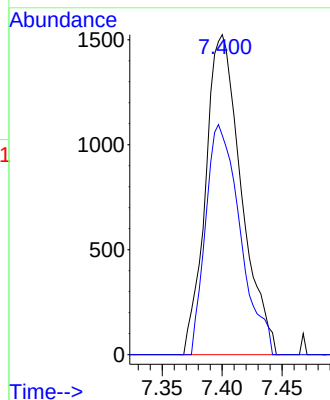
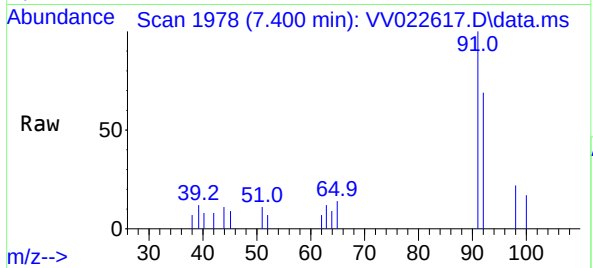




#42
Toluene
Concen: 0.108 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

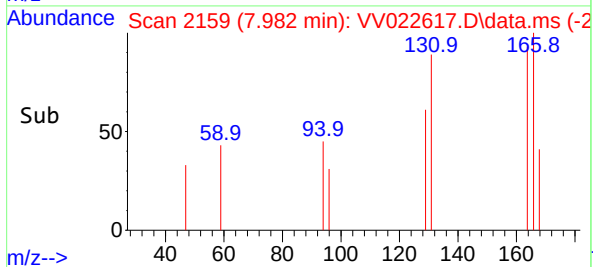
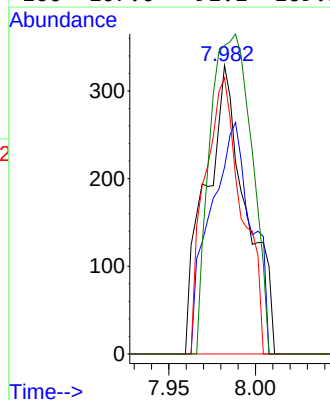
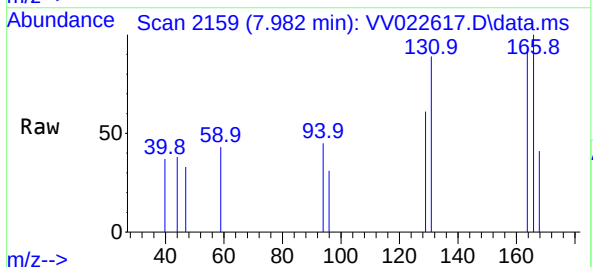
Instrument :
MSVOA_V
ClientSampled :

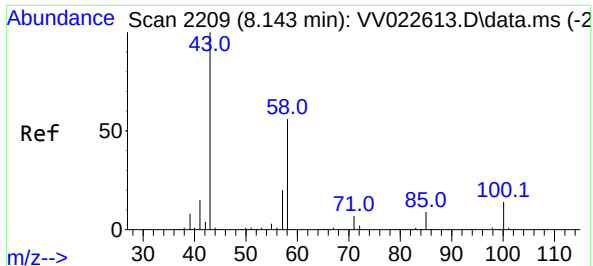
Tgt Ion: 91 Resp: 3157
Ion Ratio Lower Upper
91 100
92 68.6 40.5 75.3



#47
Tetrachloroethene
Concen: 0.086 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.009 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Tgt Ion: 164 Resp: 538
Ion Ratio Lower Upper
164 100
129 64.7 65.5 121.6#
131 95.7 62.4 116.0
166 107.0 91.1 169.3



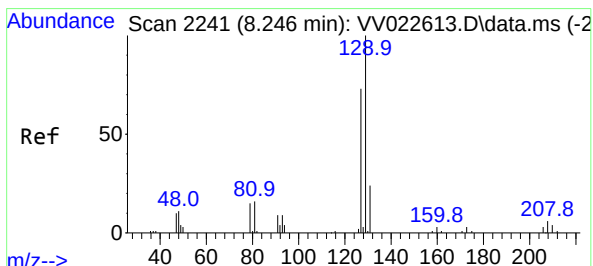
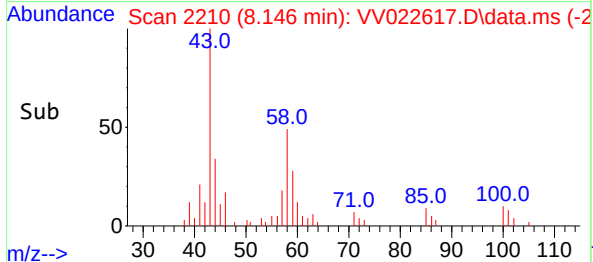
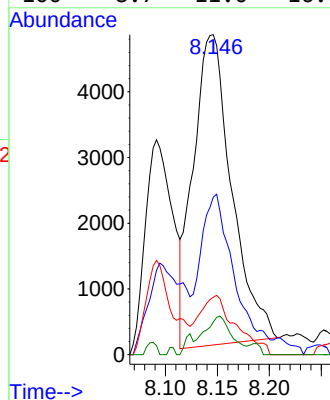
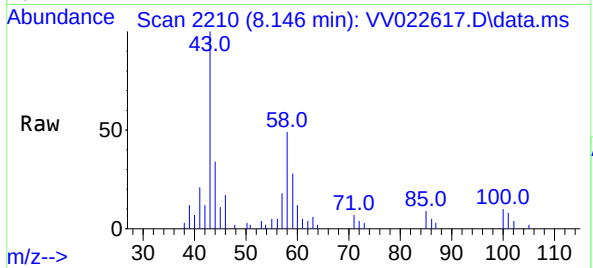


#48
2-Hexanone
Concen: 4.532 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 12174

Ion	Ratio	Lower	Upper
43	100		
58	40.0	46.4	69.6#
57	18.2	16.3	24.5
100	8.7	11.0	16.6#



#49
Dibromochloromethane
Concen: 0.073 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. -0.257 min
Lab File: VV022617.D
Acq: 06 Oct 2021 12:12

Tgt Ion: 129 Resp: 438

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#

