

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023897.D
 Acq On : 10 Dec 2021 19:27
 Operator : SY/MD
 Sample : M4984-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q9

Quant Time: Dec 11 04:47:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

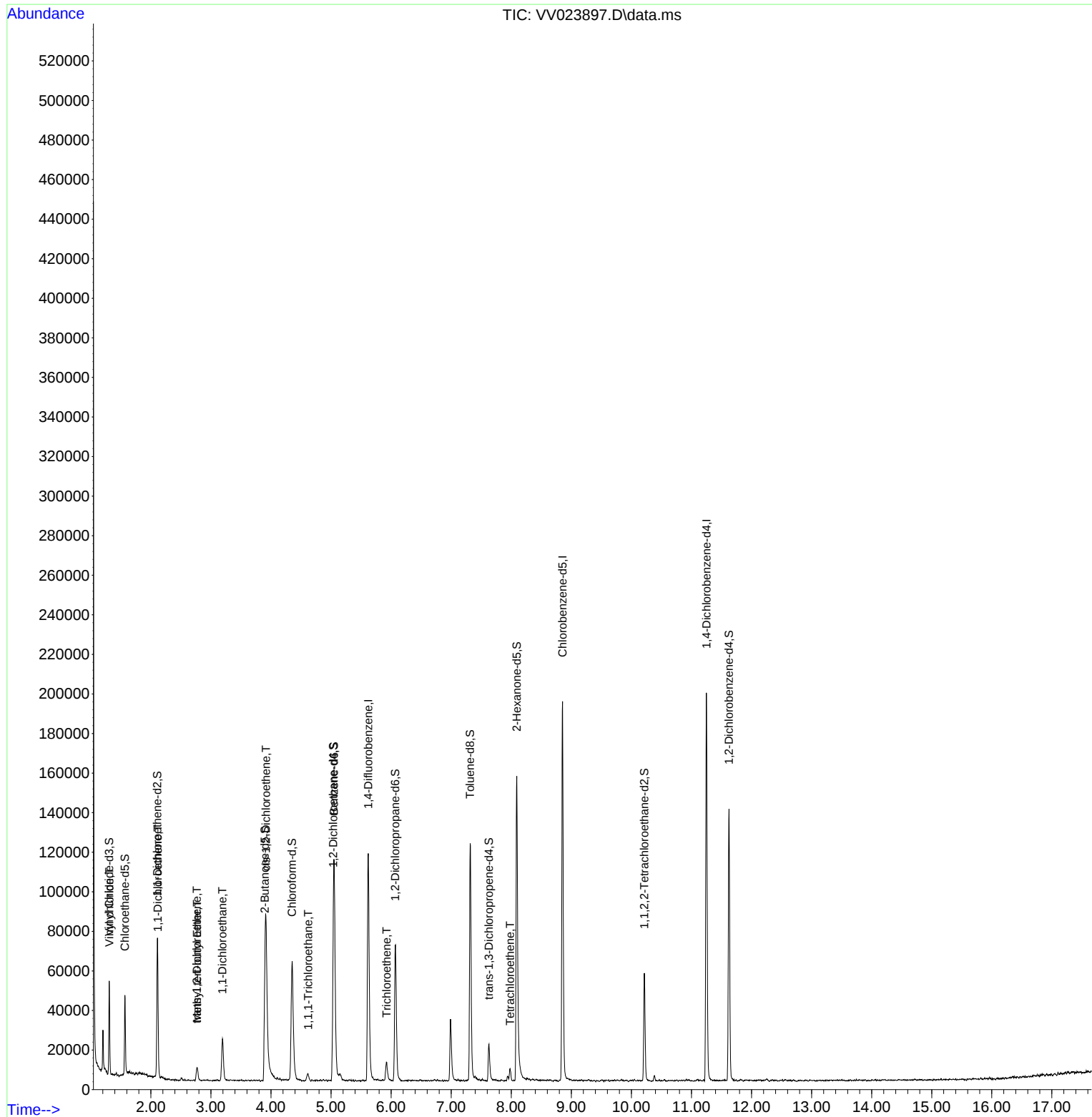
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104662	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	106977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25250	4.488	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	23019	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.108	63	35010	3.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.899	46	64737	58.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.780%
24) Chloroform-d	4.352	84	59371	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.037	65	29940	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	101729	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	32284	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.316	98	80177	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.628	79	11372	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.091	63	54235	45.684	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24355	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	37088	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
5) Vinyl chloride	1.310	62	2332	0.276	ug/L #	79
12) 1,1-Dichloroethene	2.117	96	1840	0.262	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4453	0.280	ug/L #	90
18) trans-1,2-Dichloroethene	2.767	96	1151	0.148	ug/L	98
19) 1,1-Dichloroethane	3.191	63	20564	1.474	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	34038	4.137	ug/L	95
29) 1,1,1-Trichloroethane	4.619	97	2857	0.204	ug/L	94
34) Trichloroethene	5.924	95	3107	0.364	ug/L	89
47) Tetrachloroethene	7.982	164	1546	0.206	ug/L	94

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

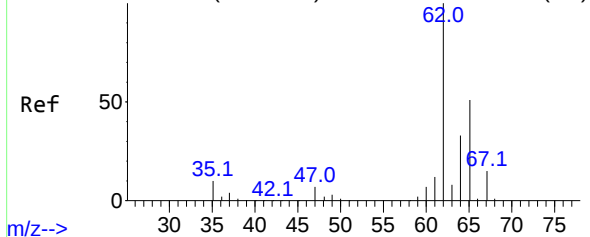
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121021\
Data File : VV023897.D
Acq On : 10 Dec 2021 19:27
Operator : SY/MD
Sample : M4984-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW5Q9

Quant Time: Dec 11 04:47:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023880.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.276 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023897.D

Acq: 10 Dec 2021 19:27

Instrument :

MSVOA_V

ClientSampleId :

EW5Q9

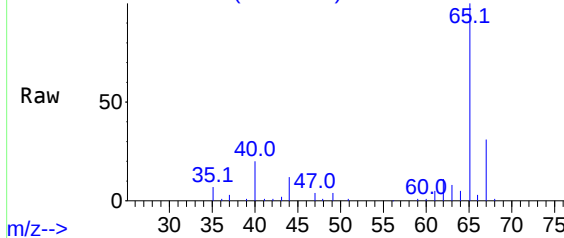
Tgt Ion: 62 Resp: 2332

Ion Ratio Lower Upper

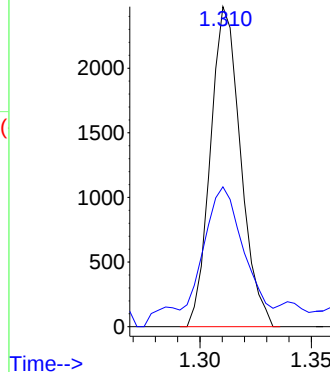
62 100

64 43.7 22.4 41.6#

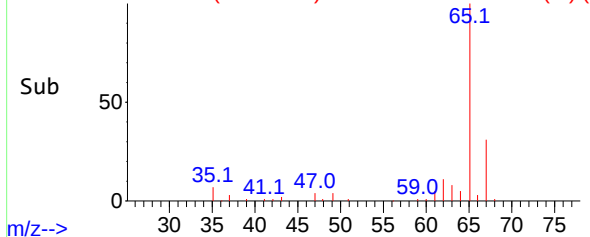
Abundance Scan 84 (1.310 min): VV023897.D\data.ms



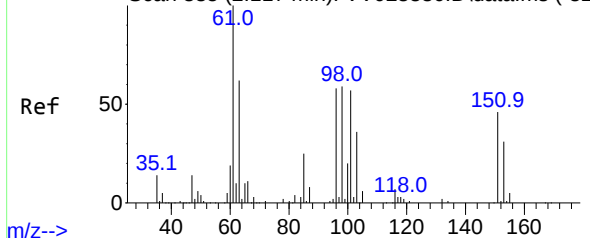
Abundance



Abundance Scan 84 (1.310 min): VV023897.D\data.ms (-1)



Abundance Scan 335 (2.117 min): VV023880.D\data.ms (-32)



#12

1,1-Dichloroethene

Concen: 0.262 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV023897.D

Acq: 10 Dec 2021 19:27

Tgt Ion: 96 Resp: 1840

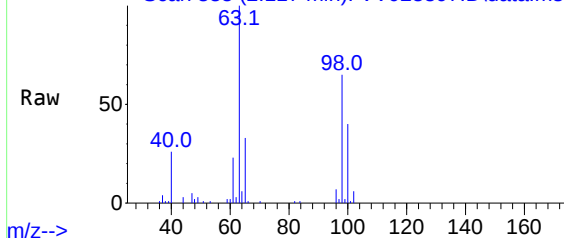
Ion Ratio Lower Upper

96 100

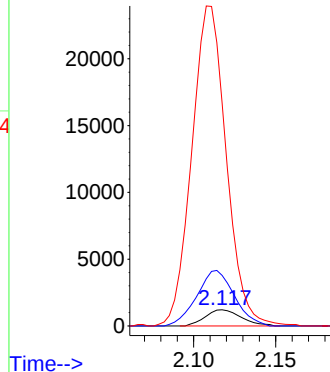
61 314.4 116.1 215.5#

63 1384.2 79.4 147.4#

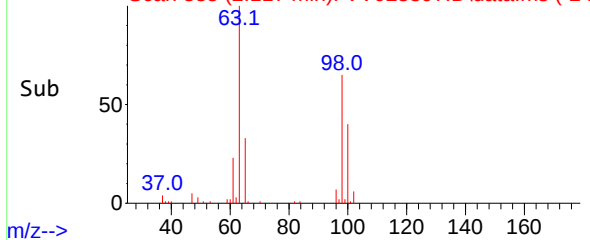
Abundance Scan 335 (2.117 min): VV023897.D\data.ms

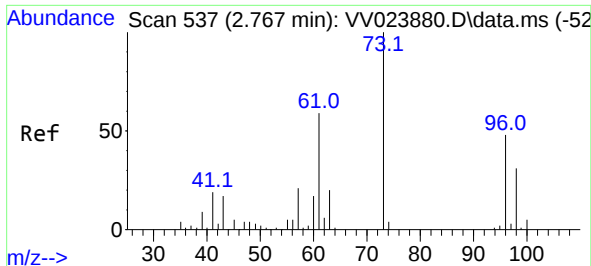


Abundance



Abundance Scan 335 (2.117 min): VV023897.D\data.ms (-24)

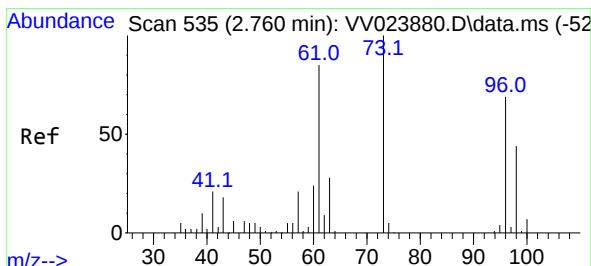
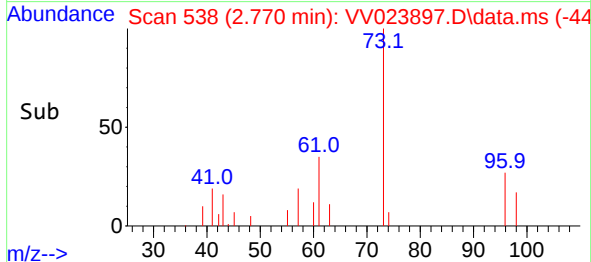
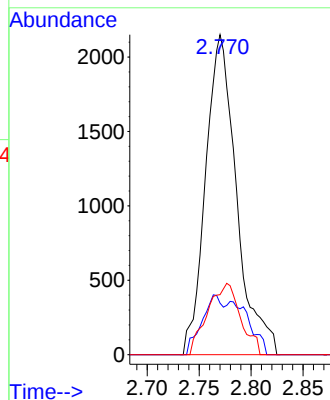
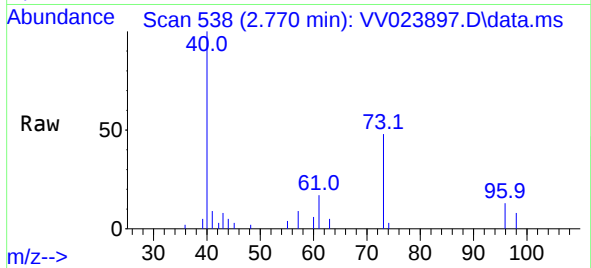




#17
Methyl tert-butyl Ether
Concen: 0.280 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

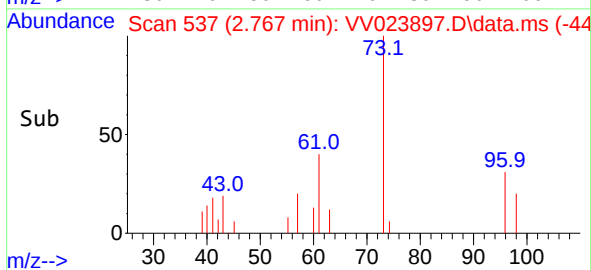
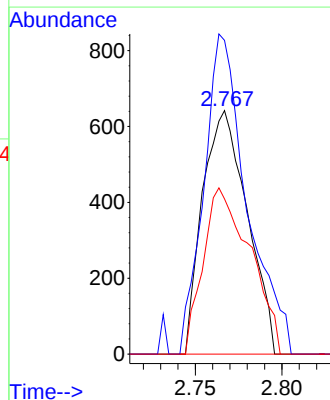
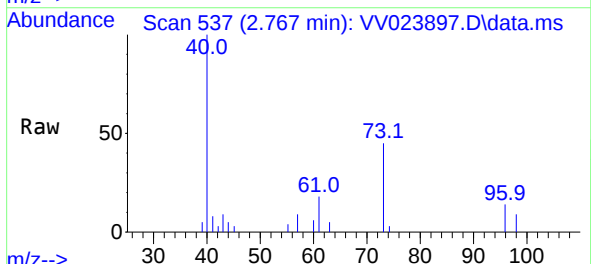
Instrument :
MSVOA_V
ClientSampleId :
EW5Q9

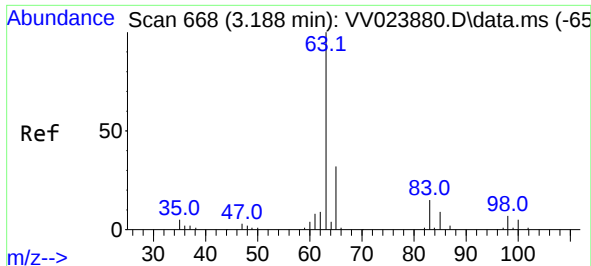
Tgt Ion: 73 Resp: 4453
Ion Ratio Lower Upper
73 100
43 12.6 15.5 23.3#
57 23.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.148 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

Tgt Ion: 96 Resp: 1151
Ion Ratio Lower Upper
96 100
61 128.8 88.2 163.8
98 63.7 44.9 83.5

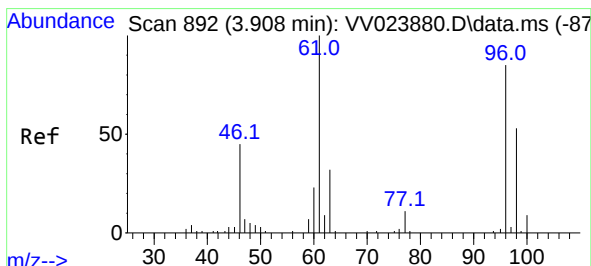
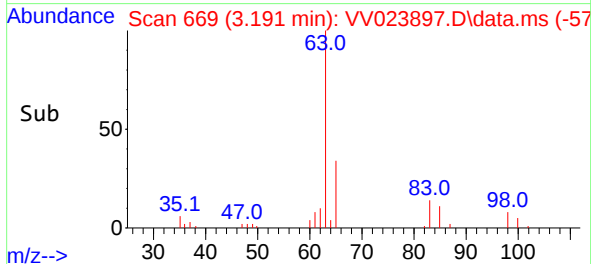
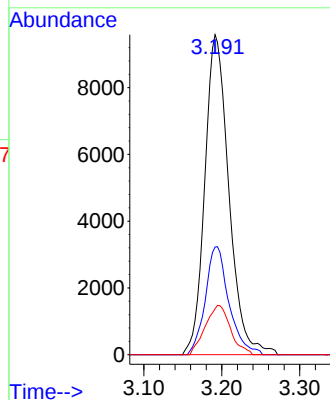
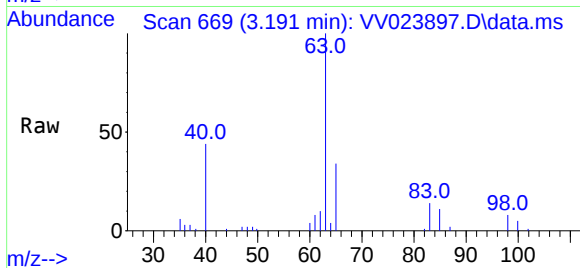




#19
1,1-Dichloroethane
Concen: 1.474 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

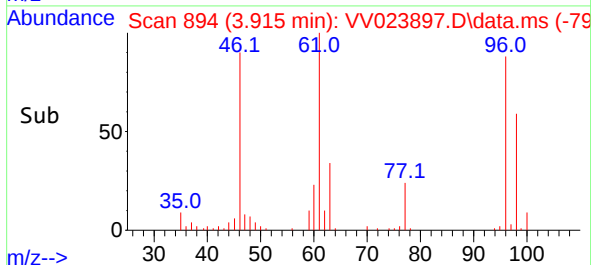
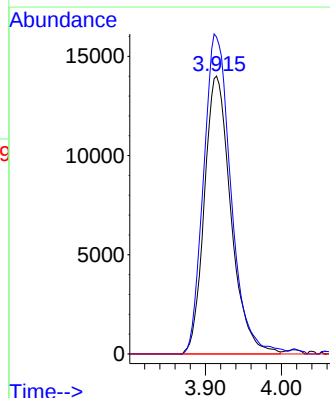
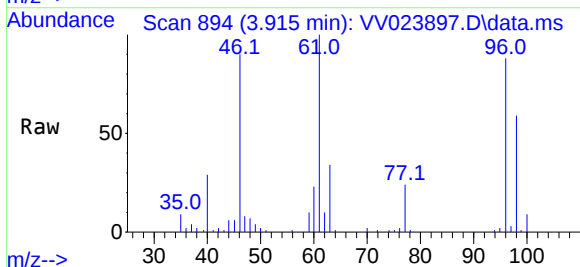
Instrument :
MSVOA_V
ClientSampleId :
EW5Q9

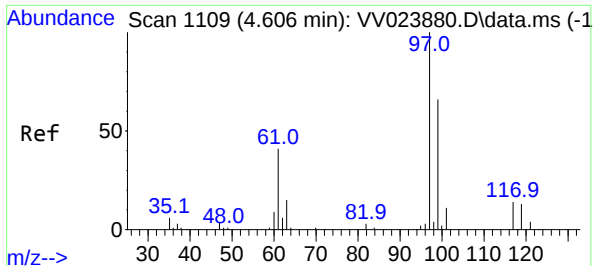
Tgt Ion:	63	Resp:	20564
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.3
83	14.4	10.7	19.9



#22
cis-1,2-Dichloroethene
Concen: 4.137 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

Tgt Ion:	96	Resp:	34038
Ion	Ratio	Lower	Upper
96	100		
61	114.0	83.4	154.8
68	0.0	0.0	0.0

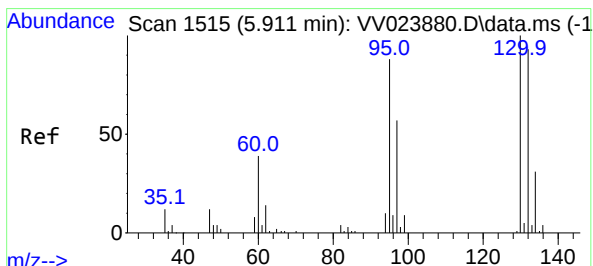
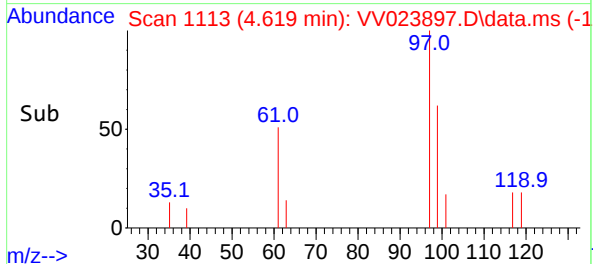
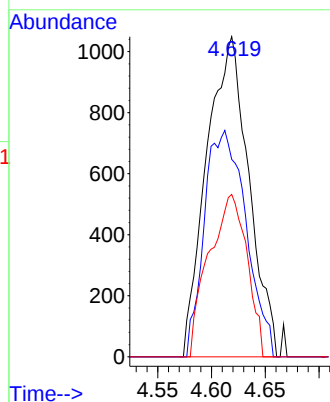
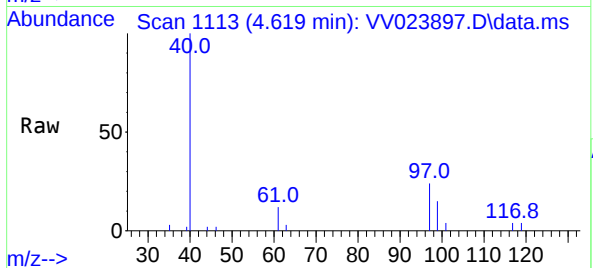




#29
1,1,1-Trichloroethane
Concen: 0.204 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.013 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

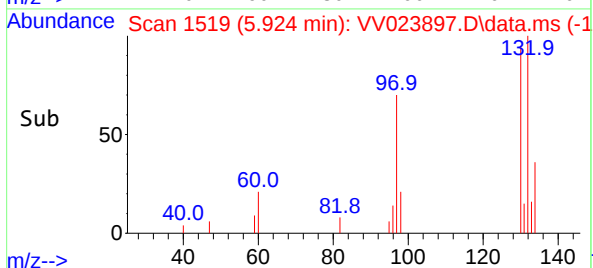
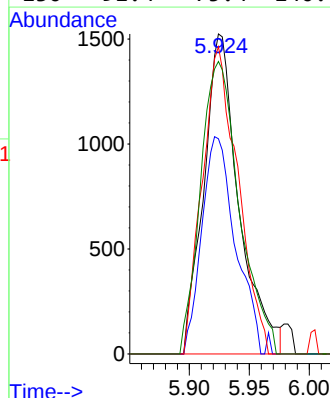
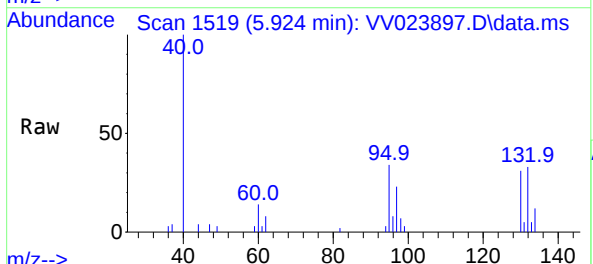
Instrument :
MSVOA_V
ClientSampleId :
EW5Q9

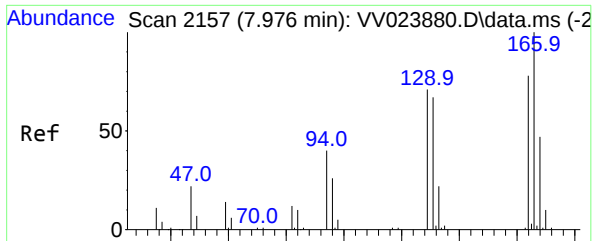
Tgt Ion: 97	Resp: 2857
Ion Ratio	Lower Upper
97 100	
99 69.8	51.9 77.9
61 45.9	33.2 49.8



#34
Trichloroethene
Concen: 0.364 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV023897.D
Acq: 10 Dec 2021 19:27

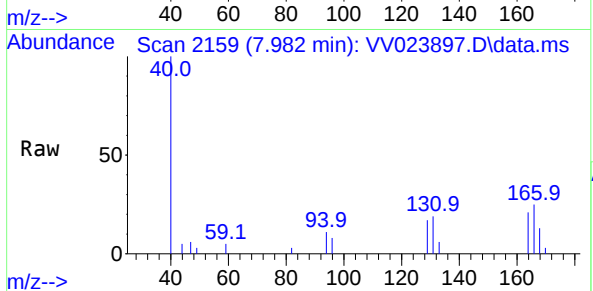
Tgt Ion: 95	Resp: 3107
Ion Ratio	Lower Upper
95 100	
97 67.3	45.2 84.0
132 96.0	76.1 141.3
130 91.4	75.4 140.0





#47
 Tetrachloroethene
 Concen: 0.206 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. 0.006 min
 Lab File: VV023897.D
 Acq: 10 Dec 2021 19:27

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q9



Tgt Ion:164 Resp: 1546

Ion	Ratio	Lower	Upper
164	100		
129	80.7	62.6	116.2
131	90.3	61.0	113.4
166	119.7	87.3	162.1

