

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028321.D
 Acq On : 04 Oct 2022 11:50
 Operator : SY/MD
 Sample : N4866-18DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

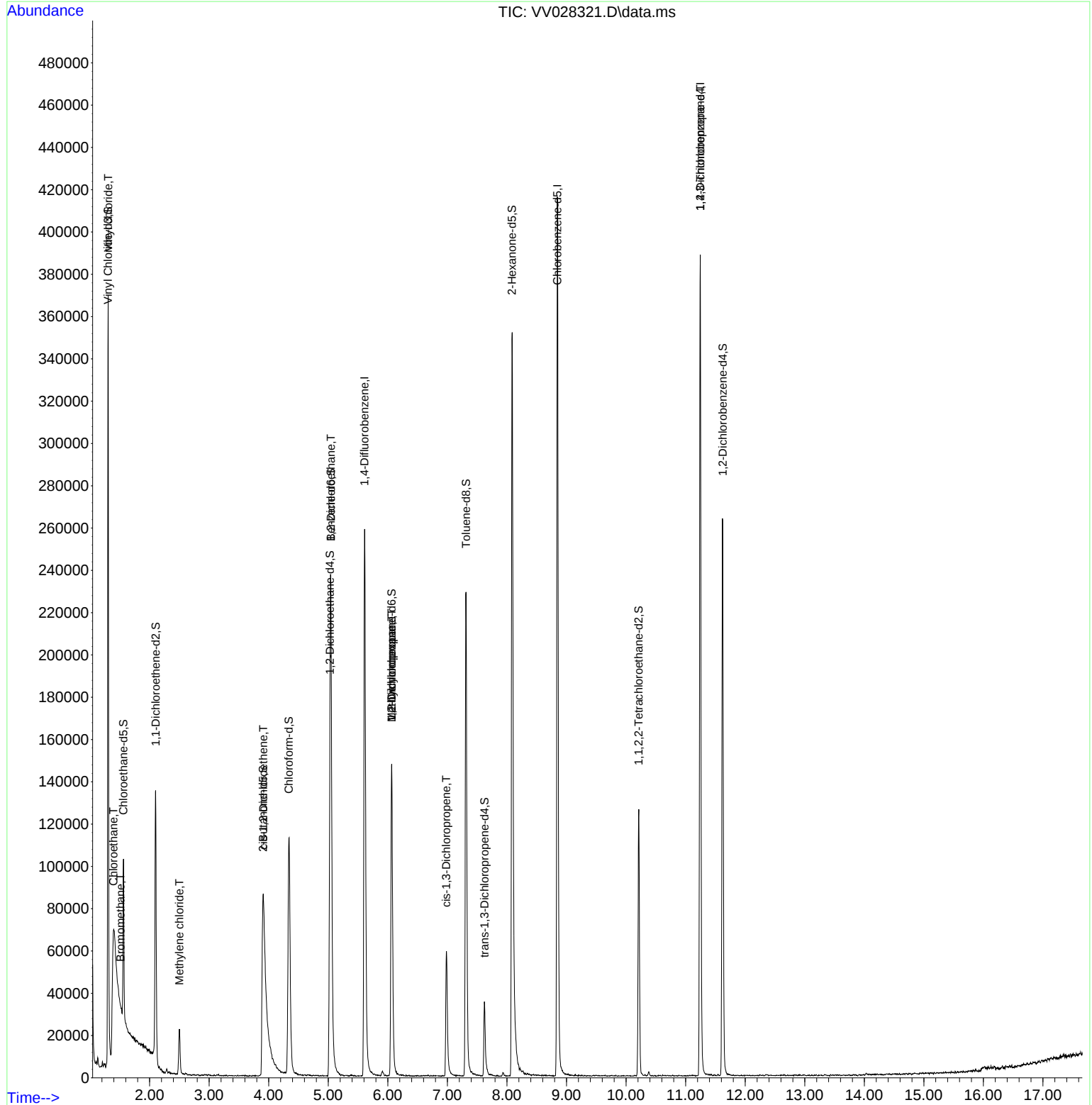
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	239460	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	242881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	45450	2.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.600%
7) Chloroethane-d5	1.561	69	47179	3.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.000%#
11) 1,1-Dichloroethene-d2	2.101	63	64173	1.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	37.800%#
20) 2-Butanone-d5	3.905	46	172981	56.822	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.640%
24) Chloroform-d	4.339	84	124438	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	5.027	65	61397	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.043	84	215608	3.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	6.066	67	75986	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.313	98	160070	2.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.200%#
43) trans-1,3-Dichloroprop...	7.622	79	21786	2.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.085	63	142876	47.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63372	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	75294	3.941	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	192022	9.342	ug/L	99
6) Bromomethane	1.513	94	687	0.070	ug/L	71
8) Chloroethane	1.394	64	288058	21.028	ug/L #	51
16) Methylene chloride	2.500	84	9274	0.480	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	10879	0.604	ug/L	93
27) 1,2-Dichloroethane	5.043	62	1085	0.061	ug/L #	76
35) Methylcyclohexane	6.063	83	18499	0.626	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8276	0.494	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1733	0.073	ug/L #	29
61) 1,2,3-Trichloropropane	11.246	75	10831	1.265	ug/L #	67

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

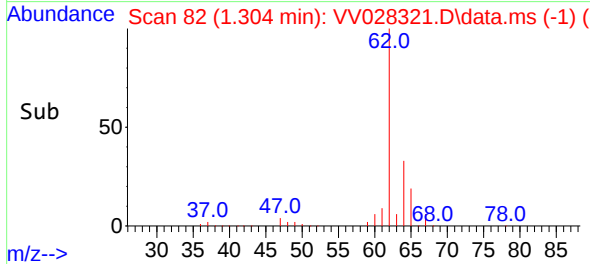
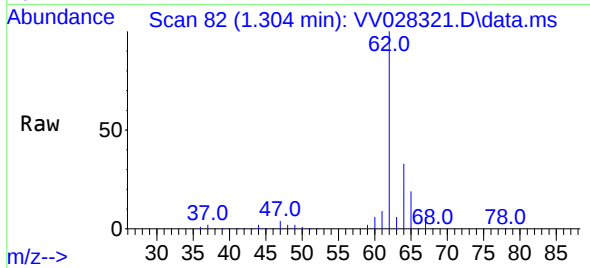
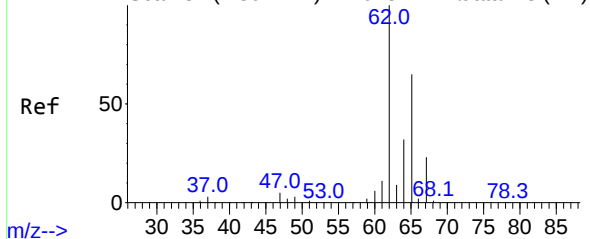
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Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 9.342 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028321.D

Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_V

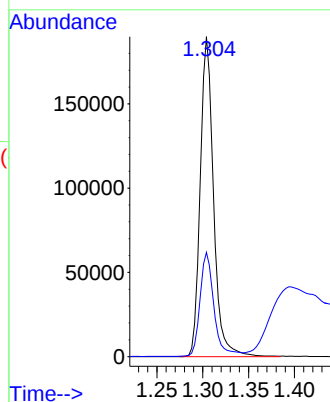
ClientSampleId :

Tgt Ion: 62 Resp: 192022

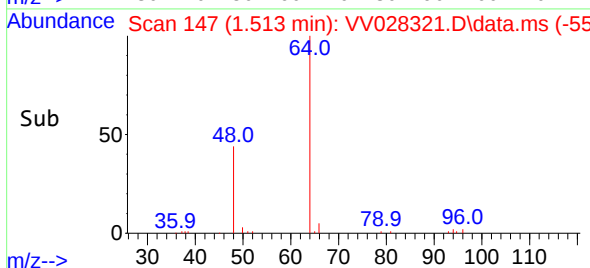
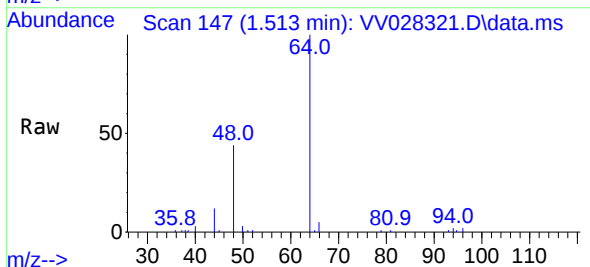
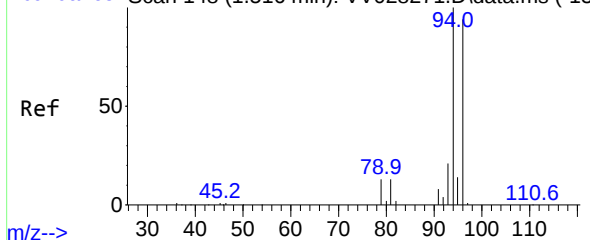
Ion Ratio Lower Upper

62 100

64 32.6 23.0 42.8



Abundance Scan 148 (1.516 min): VV028271.D\data.ms (-13)



#6

Bromomethane

Concen: 0.070 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.003 min

Lab File: VV028321.D

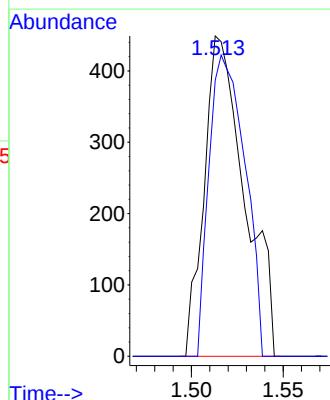
Acq: 04 Oct 2022 11:50

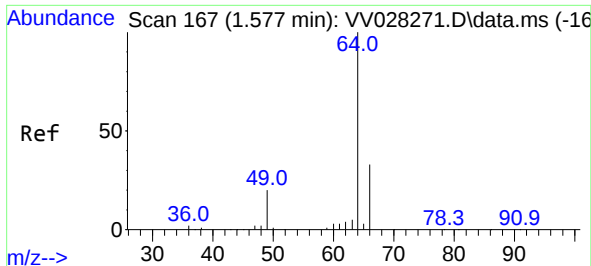
Tgt Ion: 94 Resp: 687

Ion Ratio Lower Upper

94 100

96 67.0 66.7 123.9

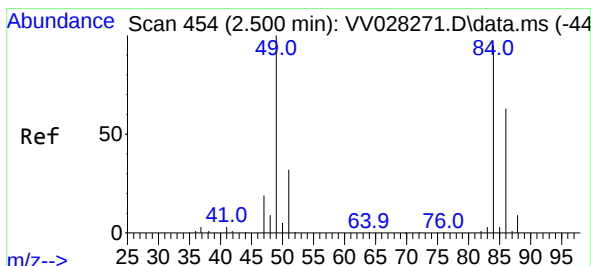
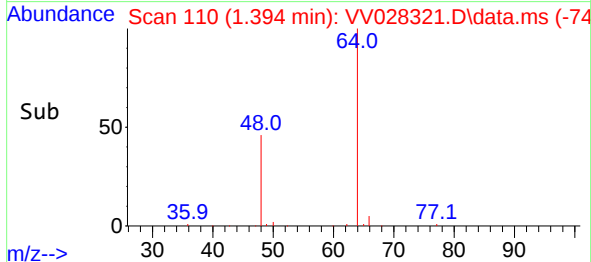
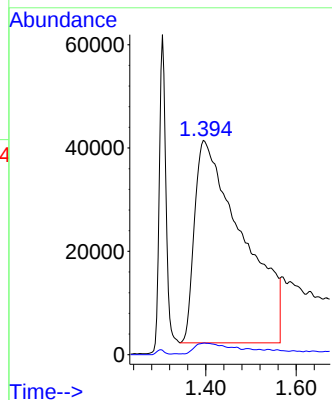
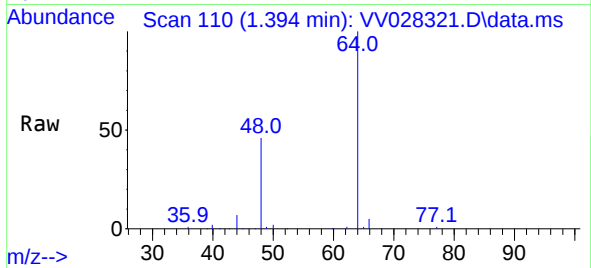




#8
Chloroethane
Concen: 21.028 ug/L
RT: 1.394 min Scan# 11
Delta R.T. -0.183 min
Lab File: VV028321.D
Acq: 04 Oct 2022 11:50

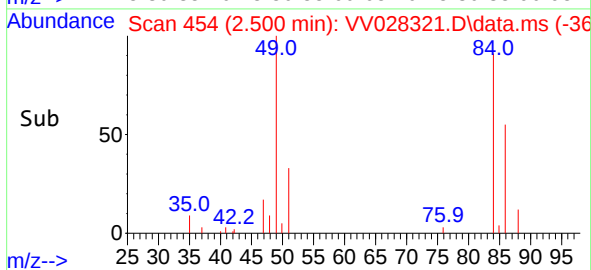
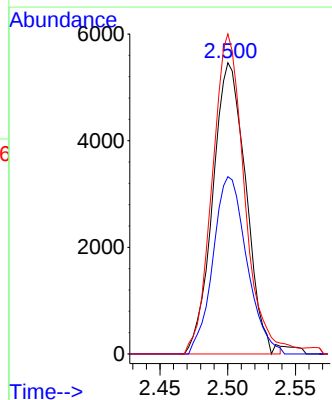
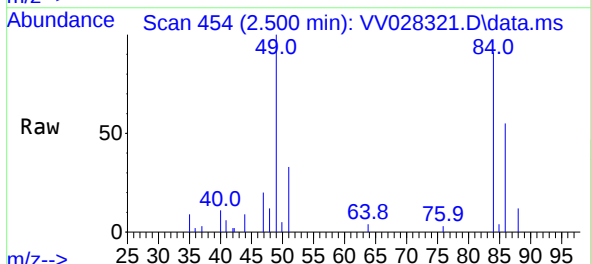
Instrument :
MSVOA_V
ClientSampleId :

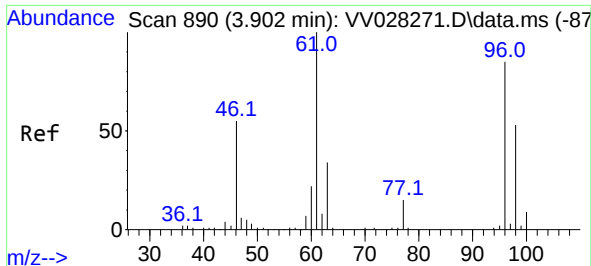
Tgt Ion: 64 Resp: 288058
Ion Ratio Lower Upper
64 100
66 5.4 23.0 42.8#



#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028321.D
Acq: 04 Oct 2022 11:50

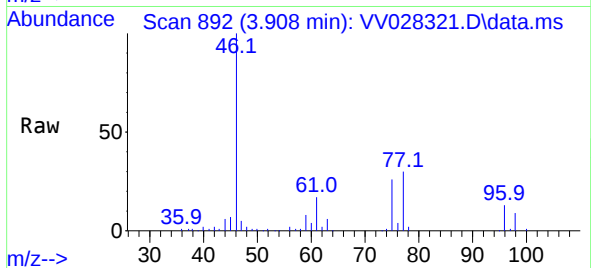
Tgt Ion: 84 Resp: 9274
Ion Ratio Lower Upper
84 100
86 60.9 46.8 86.8
49 109.9 87.5 162.5



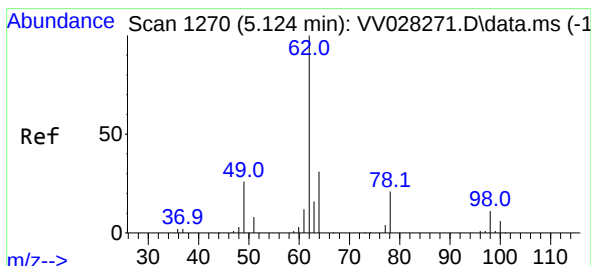
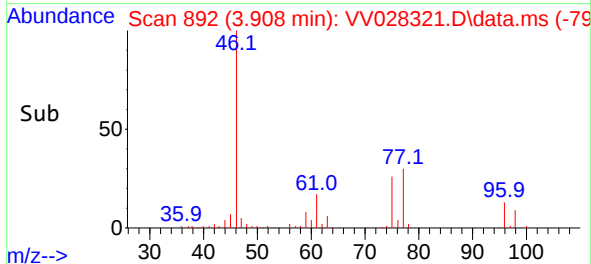
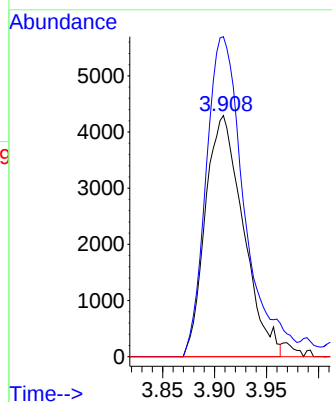


#22
cis-1,2-Dichloroethene
Concen: 0.604 ug/L
RT: 3.908 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV028321.D
Acq: 04 Oct 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :

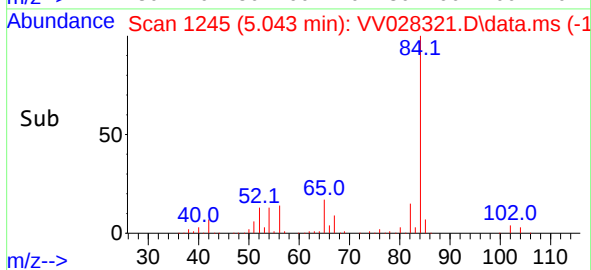
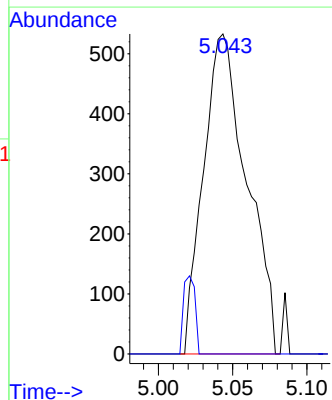
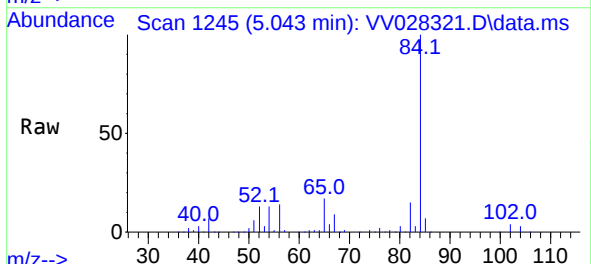


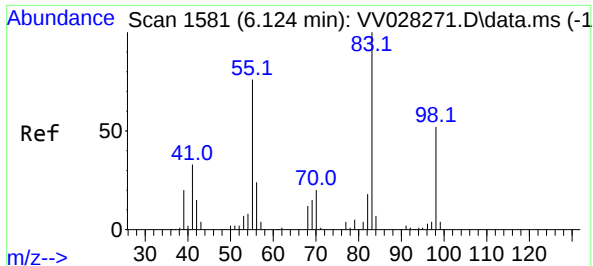
Tgt Ion: 96 Resp: 10879
Ion Ratio Lower Upper
96 100
61 132.7 87.2 161.9
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.083 min
Lab File: VV028321.D
Acq: 04 Oct 2022 11:50

Tgt Ion: 62 Resp: 1085
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 0.626 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028321.D

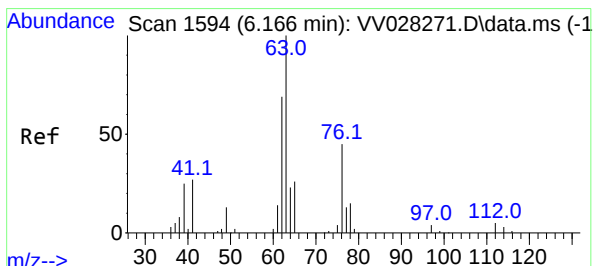
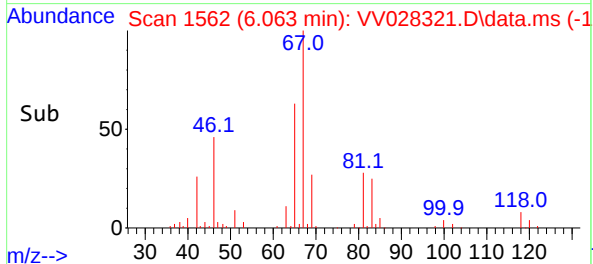
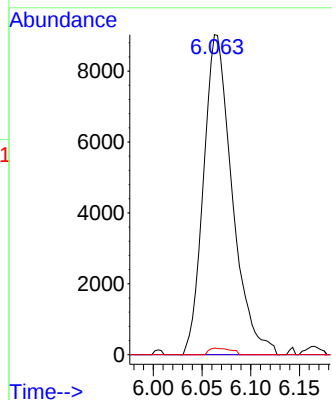
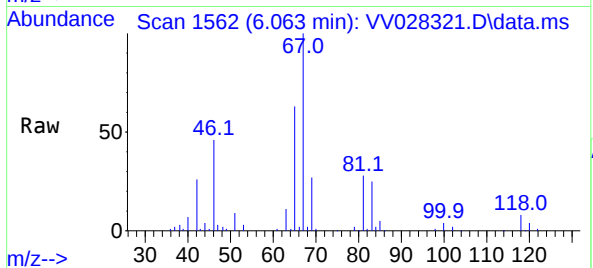
Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	18499
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	1.6	39.5	59.3#



#37

1,2-Dichloropropane

Concen: 0.494 ug/L

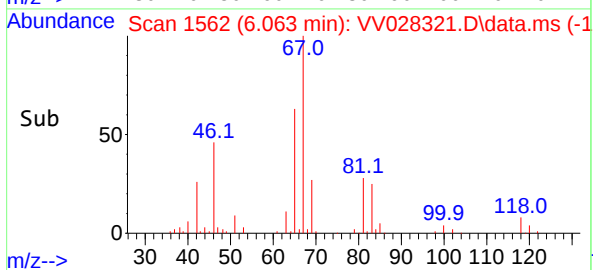
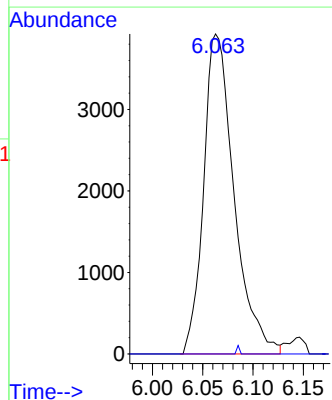
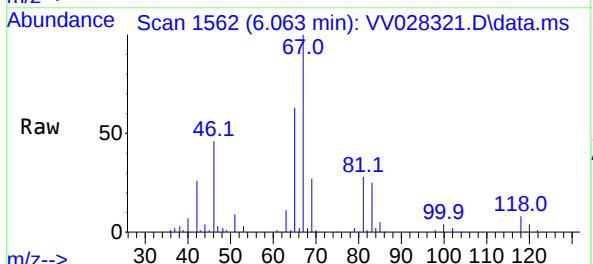
RT: 6.063 min Scan# 1562

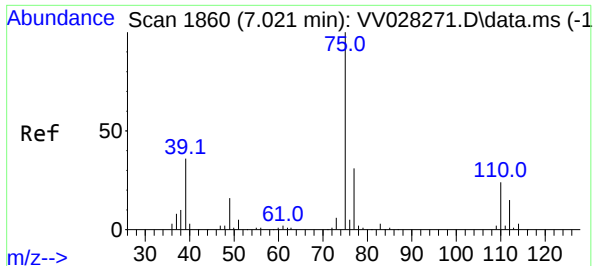
Delta R.T. -0.106 min

Lab File: VV028321.D

Acq: 04 Oct 2022 11:50

Tgt Ion:	63	Resp:	8276
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.5	5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028321.D

Acq: 04 Oct 2022 11:50

Instrument :

MSVOA_V

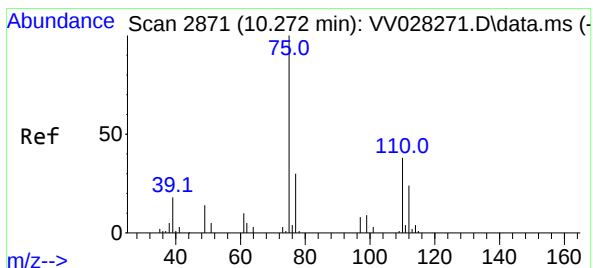
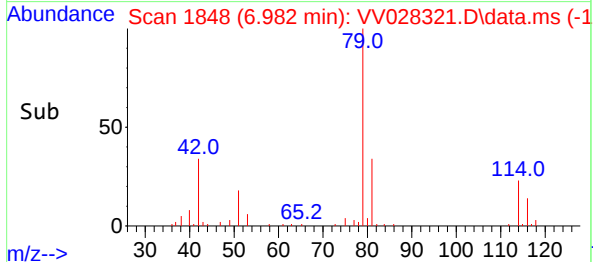
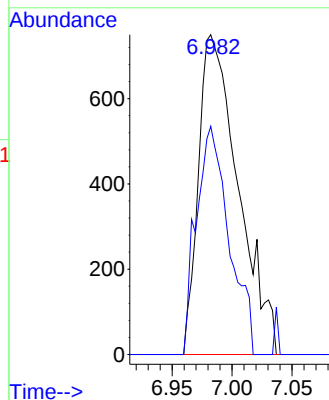
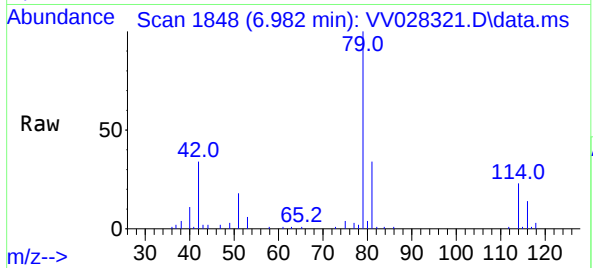
ClientSampleId :

Tgt Ion: 75 Resp: 1733

Ion Ratio Lower Upper

75 100

77 71.3 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.265 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028321.D

Acq: 04 Oct 2022 11:50

Tgt Ion: 75 Resp: 10831

Ion Ratio Lower Upper

75 100

77 31.9 26.7 40.1

110 2.2 30.1 45.1#

