

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028242.D
 Acq On : 30 Sep 2022 22:06
 Operator : SY/MD
 Sample : VV0930WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK247

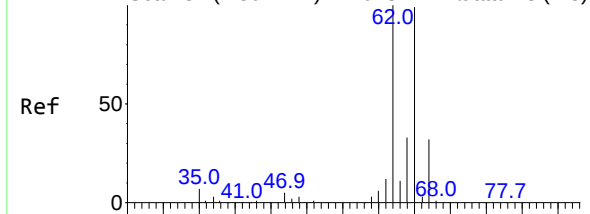
Quant Time: Oct 01 02:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	165465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70018	4.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.561	69	61876	4.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.098	63	102938	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.899	46	129937	44.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.740%
24) Chloroform-d	4.339	84	128711	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	62964	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.043	84	269363	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.063	67	79062	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.310	98	220805	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	25244	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.088	63	115025	44.629	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56479	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	79804	5.359	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	555	0.043	ug/L #	1
6) Bromomethane	1.516	94	546	0.065	ug/L	99
8) Chloroethane	1.500	64	32999	3.835	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1162	0.099	ug/L #	20
12) 1,1-Dichloroethene	2.095	96	1094	0.096	ug/L #	1
14) Carbon disulfide	2.285	76	1621	0.074	ug/L #	74
16) Methylene chloride	2.500	84	8122	0.636	ug/L	87
25) Chloroform	4.375	83	5163	0.220	ug/L	96
35) Methylcyclohexane	6.063	83	19070	1.203	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8165	0.627	ug/L #	88
61) 1,2,3-Trichloropropane	11.246	75	7621	1.197	ug/L #	68

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

Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 0.043 ug/L

RT: 1.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV028242.D

Acq: 30 Sep 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK247

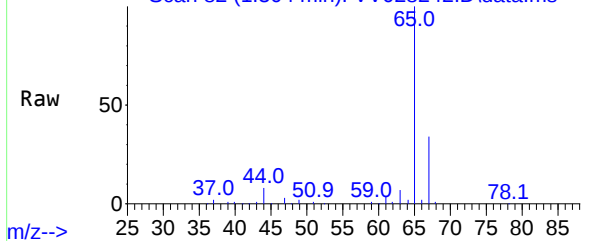
Tgt Ion: 62 Resp: 555

Ion Ratio Lower Upper

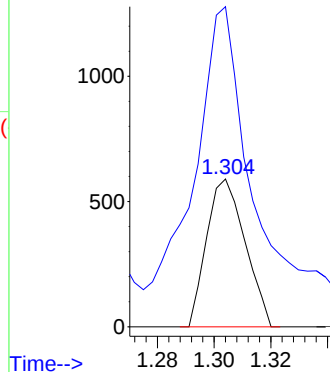
62 100

64 216.6 23.0 42.8#

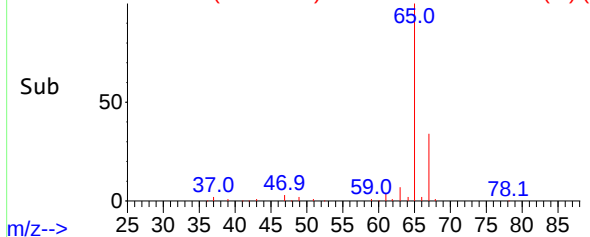
Abundance Scan 82 (1.304 min): VV028242.D\data.ms



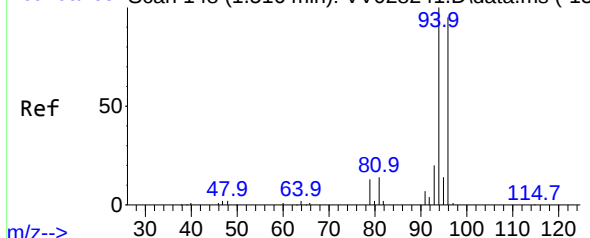
Abundance



Abundance Scan 82 (1.304 min): VV028242.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028241.D\data.ms (-13)



#6

Bromomethane

Concen: 0.065 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.000 min

Lab File: VV028242.D

Acq: 30 Sep 2022 22:06

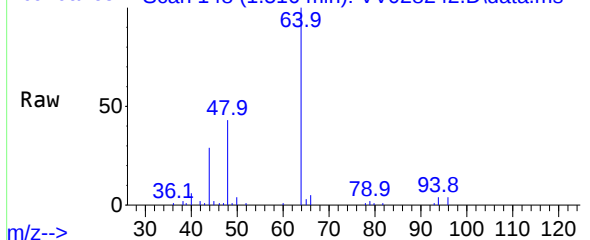
Tgt Ion: 94 Resp: 546

Ion Ratio Lower Upper

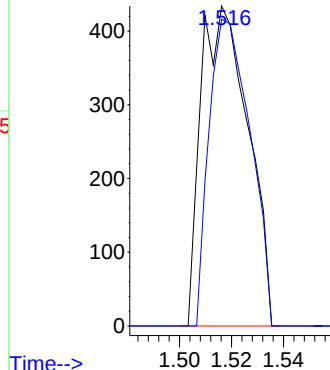
94 100

96 95.9 66.7 123.9

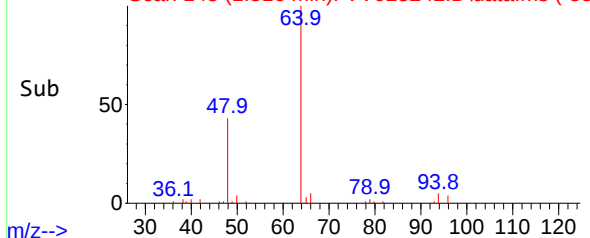
Abundance Scan 148 (1.516 min): VV028242.D\data.ms

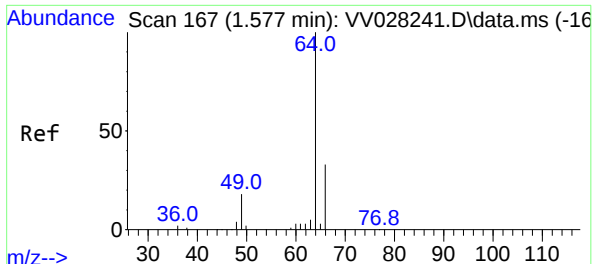


Abundance



Abundance Scan 148 (1.516 min): VV028242.D\data.ms (-55)

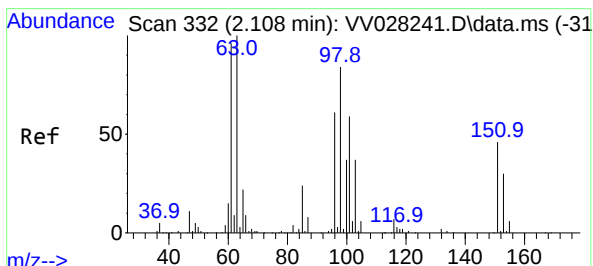
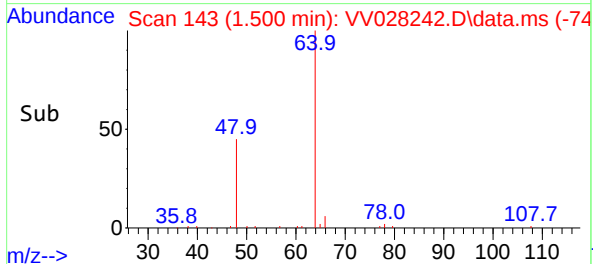
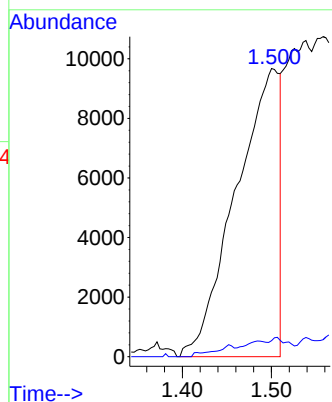
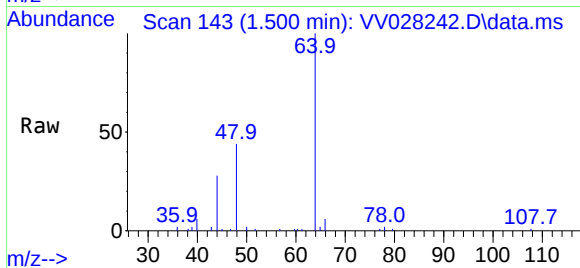




#8
Chloroethane
Concen: 3.835 ug/L
RT: 1.500 min Scan# 14
Delta R.T. -0.077 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

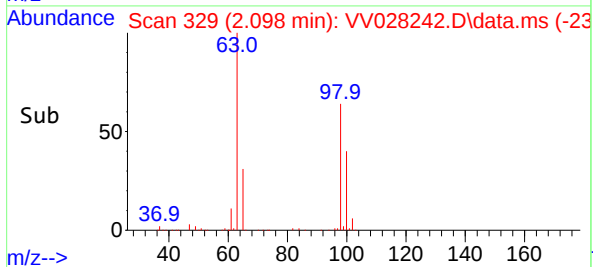
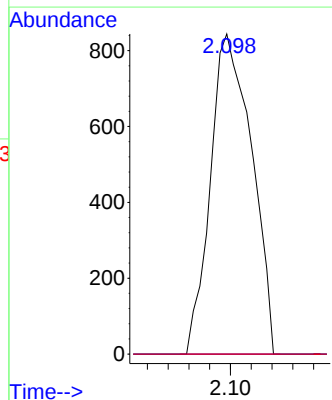
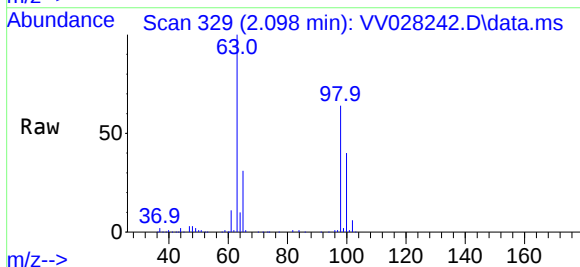
Instrument :
MSVOA_V
ClientSampleId :
VBLK247

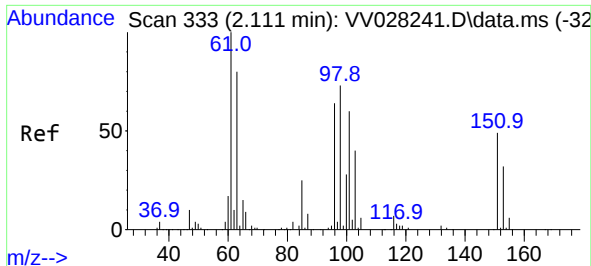
Tgt Ion: 64 Resp: 32999
Ion Ratio Lower Upper
64 100
66 5.6 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

Tgt Ion:101 Resp: 1162
Ion Ratio Lower Upper
101 100
85 1.8 34.4 51.6#
151 0.0 61.1 91.7#

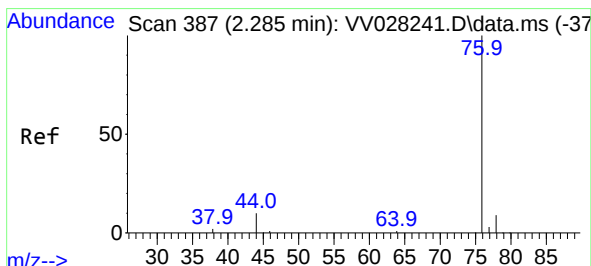
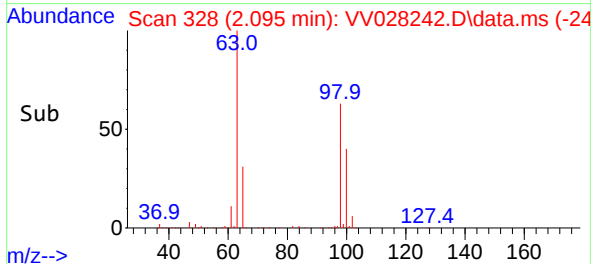
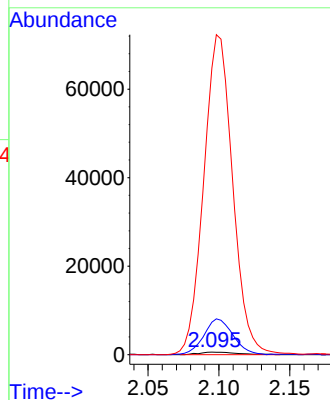
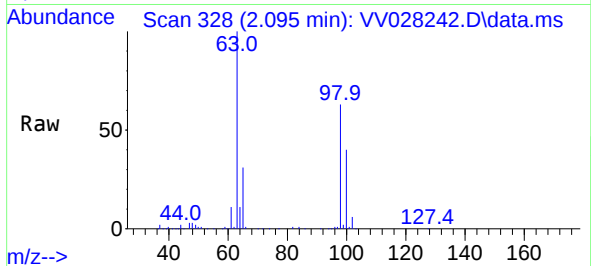




#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.095 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

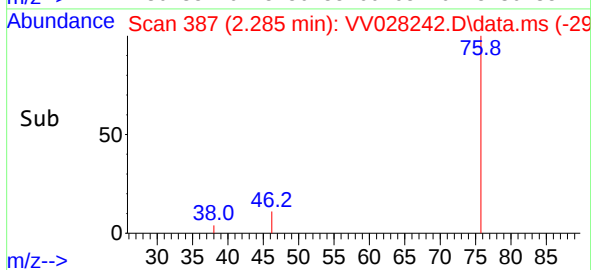
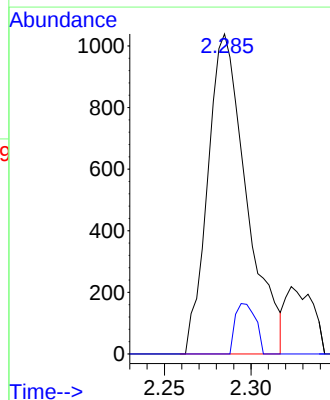
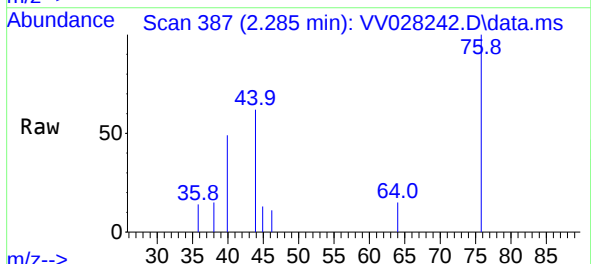
Instrument :
MSVOA_V
ClientSampleId :
VBLK247

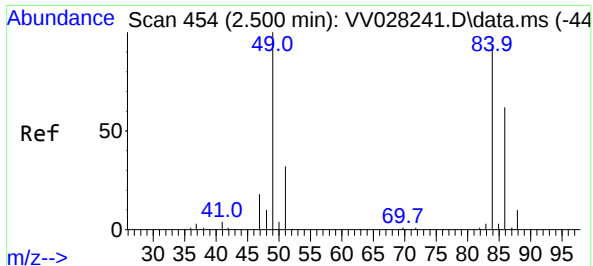
Tgt Ion: 96 Resp: 1094
Ion Ratio Lower Upper
96 100
61 1269.6 128.3 238.3#
63 11182.0 112.7 209.3#



#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

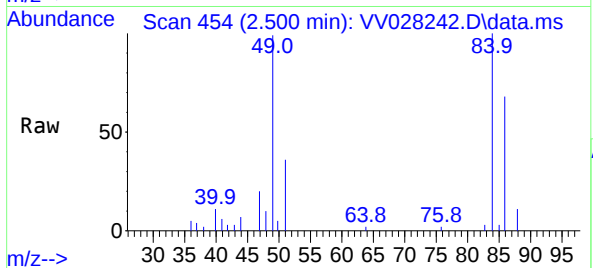
Tgt Ion: 76 Resp: 1621
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





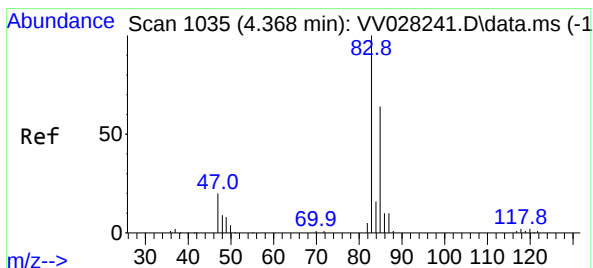
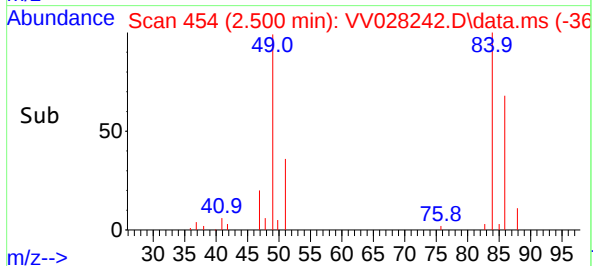
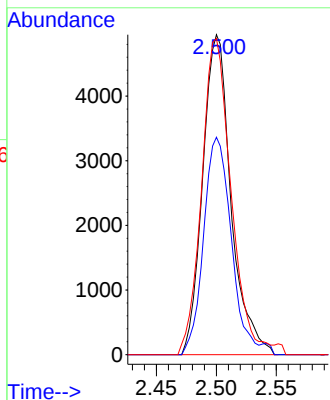
#16
Methylene chloride
Concen: 0.636 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
VBLK247



Tgt Ion: 84 Resp: 8122

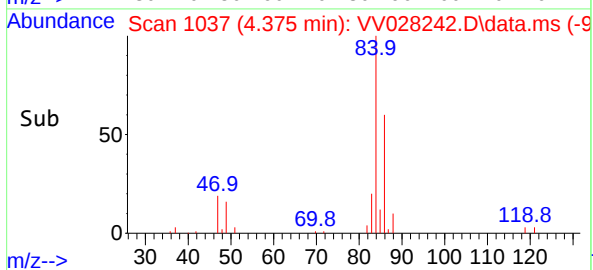
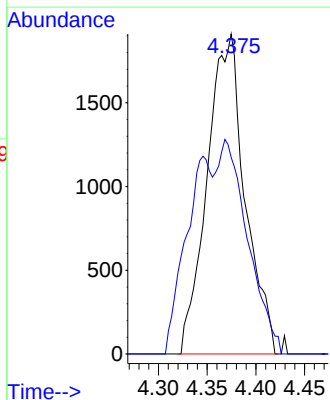
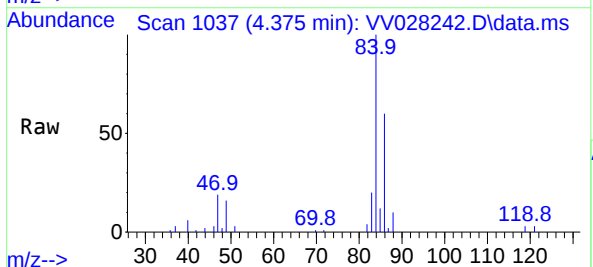
Ion	Ratio	Lower	Upper
84	100		
86	67.9	46.8	86.8
49	103.8	87.5	162.5

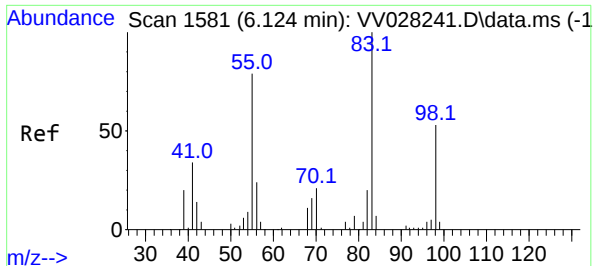


#25
Chloroform
Concen: 0.220 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.013 min
Lab File: VV028242.D
Acq: 30 Sep 2022 22:06

Tgt Ion: 83 Resp: 5163

Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.1	83.7





#35

Methylcyclohexane

Concen: 1.203 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028242.D

Acq: 30 Sep 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK247

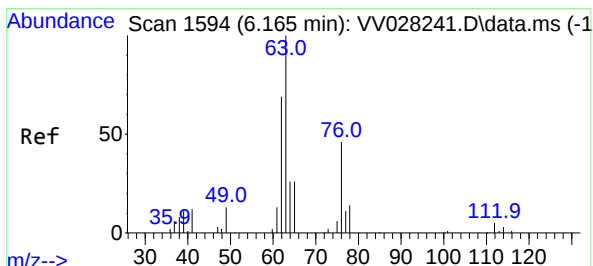
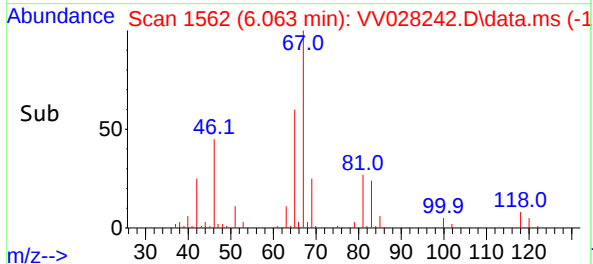
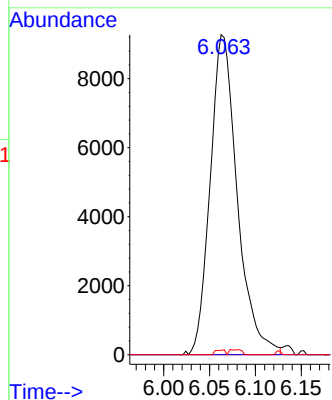
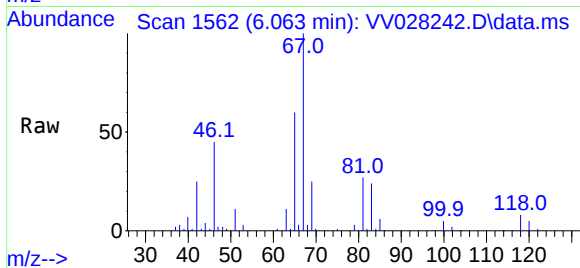
Tgt Ion: 83 Resp: 19070

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028242.D

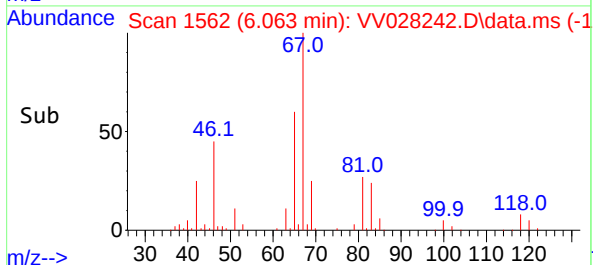
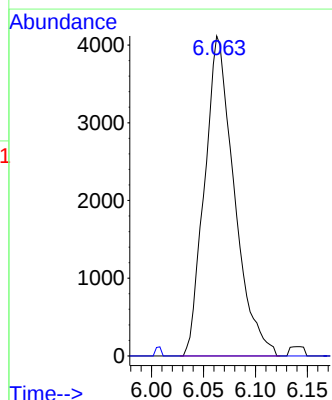
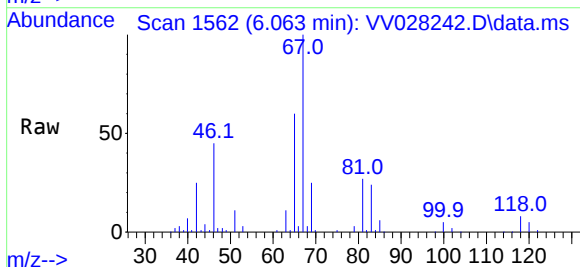
Acq: 30 Sep 2022 22:06

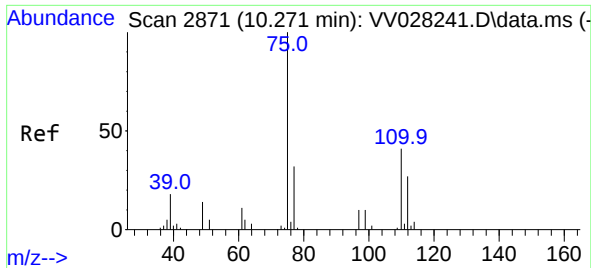
Tgt Ion: 63 Resp: 8165

Ion Ratio Lower Upper

63 100

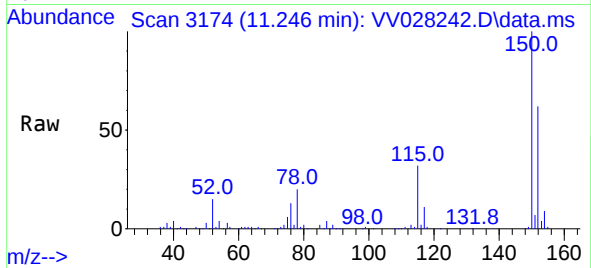
112 0.5 3.5 5.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.197 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028242.D
 Acq: 30 Sep 2022 22:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK247



Tgt Ion: 75 Resp: 7621
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.7 40.1
 110 2.3 30.1 45.1#

