

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028302.D
 Acq On : 04 Oct 2022 00:52
 Operator : SY/MD
 Sample : N4866-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:17:48 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	5.612	114	182025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86877	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	85655	6.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.200%
7) Chloroethane-d5	1.561	69	60546	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.101	63	98782	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.896	46	146571	63.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.680%
24) Chloroform-d	4.342	84	139777	5.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.027	65	64677	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.043	84	283098	5.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.066	67	84654	5.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.400%
41) Toluene-d8	7.313	98	232260	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.619	79	25557	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	118468	51.839	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60709	5.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	88883	5.945	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%

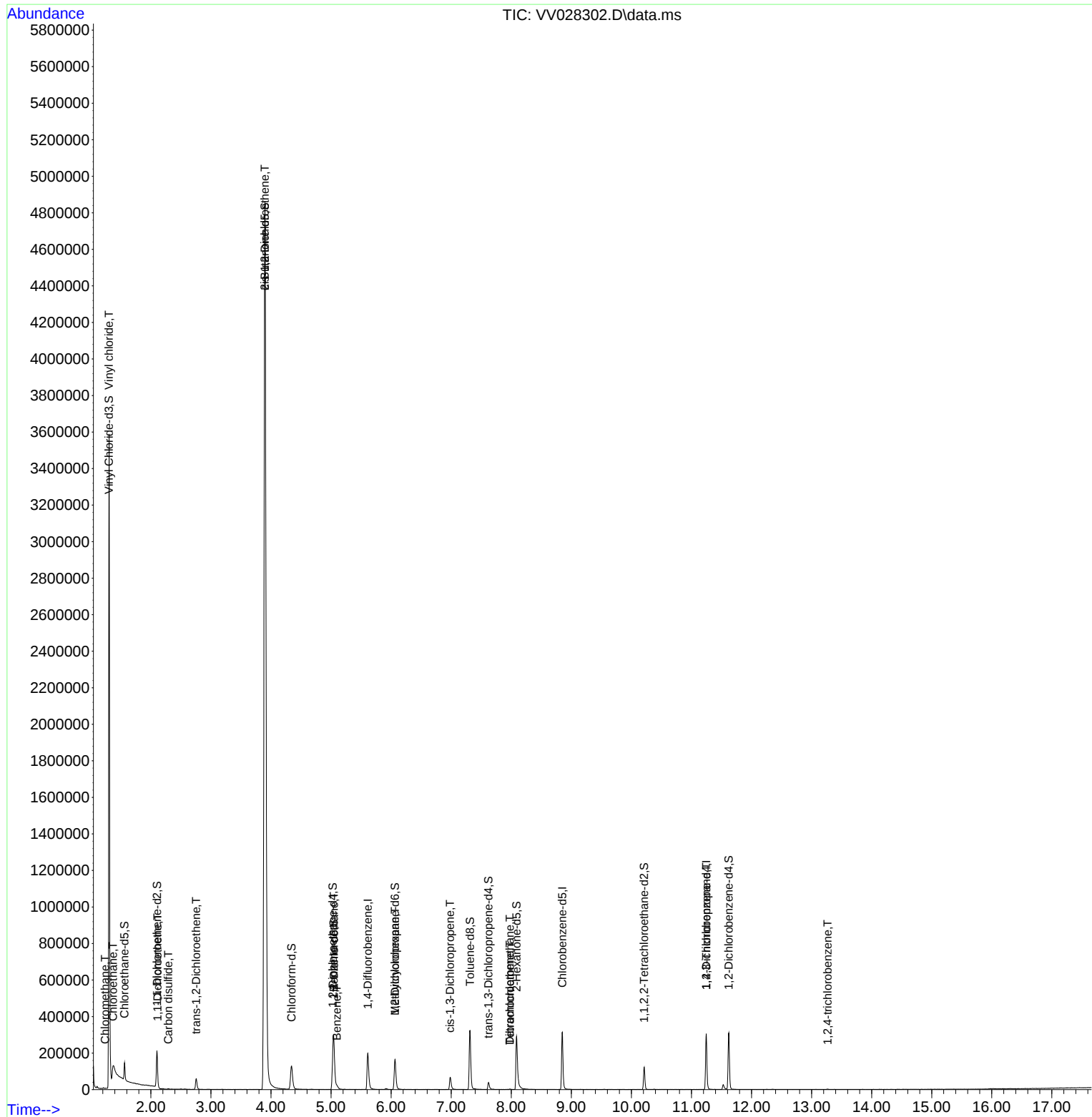
Target Compounds				Qvalue		
3) Chloromethane	1.236	50	692	0.050	ug/L	82
5) Vinyl chloride	1.304	62	2200596	140.843	ug/L	100
8) Chloroethane	1.371	64	568964	54.639	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	2820	0.216	ug/L #	1
14) Carbon disulfide	2.291	76	3021	0.074	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	23568	1.733	ug/L	91
22) cis-1,2-Dichloroethene	3.899	96	2807576	205.000	ug/L	96
27) 1,2-Dichloroethane	5.050	62	1518	0.112	ug/L #	76
33) Benzene	5.095	78	17082	0.308	ug/L	100
35) Methylcyclohexane	6.063	83	20917	0.923	ug/L #	17
39) cis-1,3-Dichloropropene	6.982	75	1713	0.093	ug/L	91
47) Tetrachloroethene	7.979	164	561	0.046	ug/L #	71
49) Dibromochloromethane	7.979	129	635	0.053	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8625	1.287	ug/L #	67
70) 1,2,4-trichlorobenzene	13.268	180	1023	0.065	ug/L #	75

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

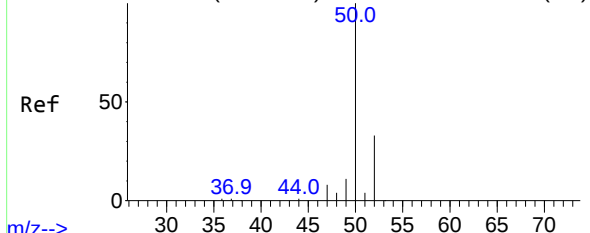
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
Data File : VV028302.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



Abundance Scan 61 (1.237 min): VV028271.D\data.ms (-52)



#3

Chloromethane

Concen: 0.050 ug/L

RT: 1.236 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

Instrument :

MSVOA_V

ClientSampleId :

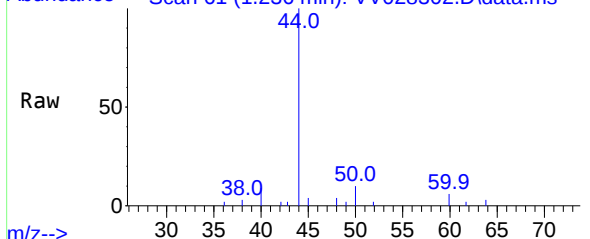
Tgt Ion: 50 Resp: 692

Ion Ratio Lower Upper

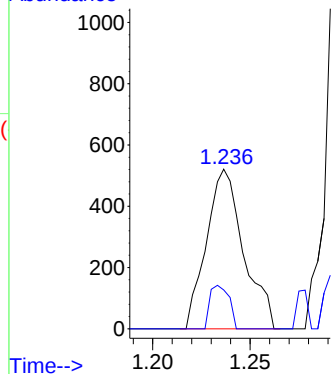
50 100

52 24.4 24.4 45.2

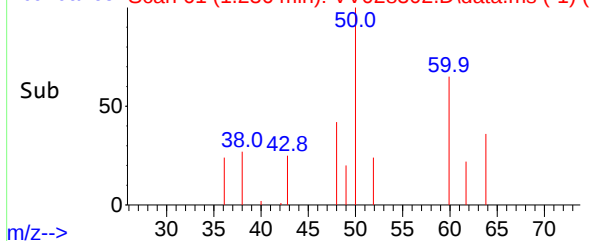
Abundance Scan 61 (1.236 min): VV028302.D\data.ms



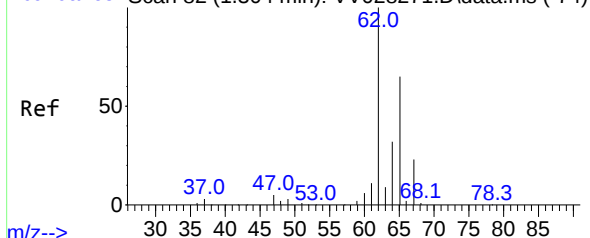
Abundance



Abundance Scan 61 (1.236 min): VV028302.D\data.ms (-1) (



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



#5

Vinyl chloride

Concen: 140.843 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

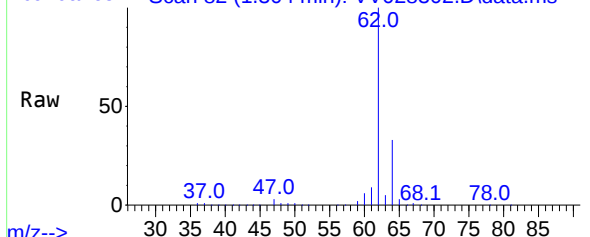
Tgt Ion: 62 Resp: 2200596

Ion Ratio Lower Upper

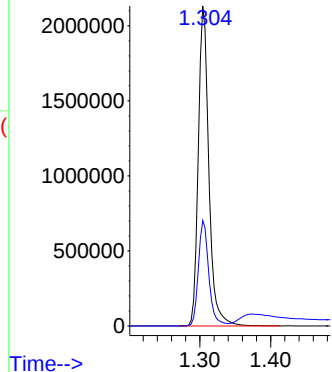
62 100

64 32.9 23.0 42.8

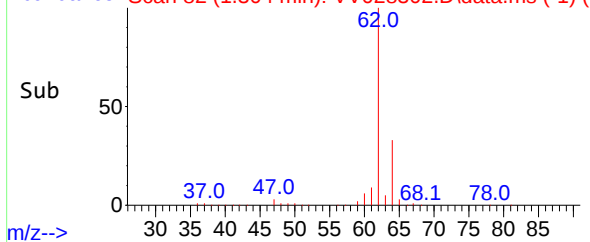
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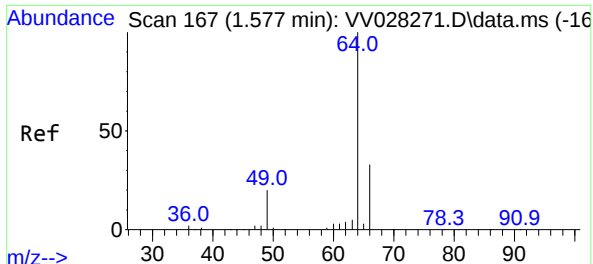


Abundance



Abundance Scan 82 (1.304 min): VV028302.D\data.ms (-1) (

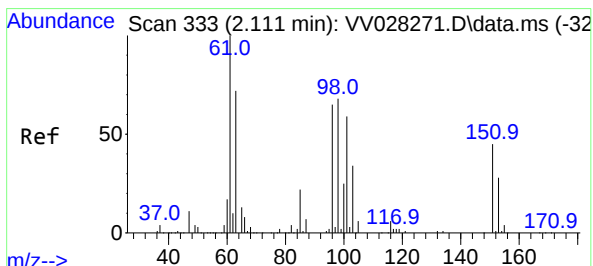
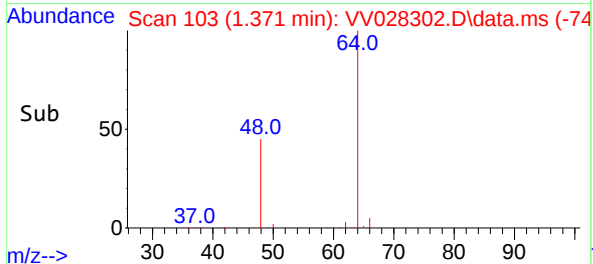
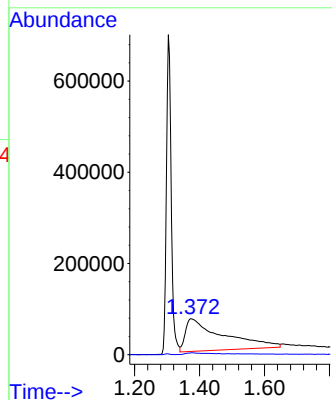
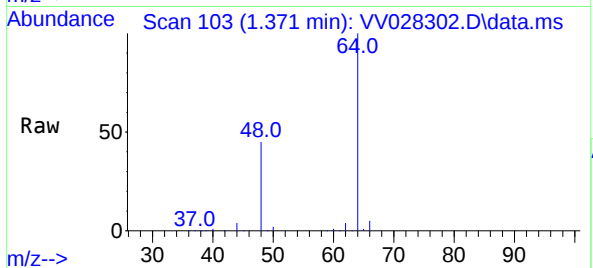




#8
Chloroethane
Concen: 54.639 ug/L
RT: 1.371 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

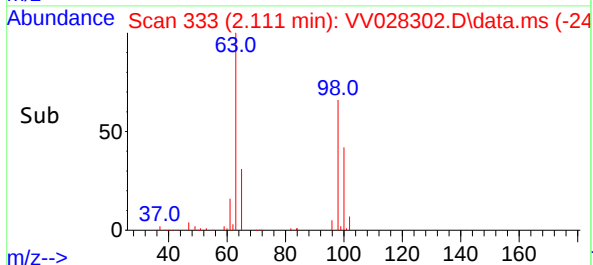
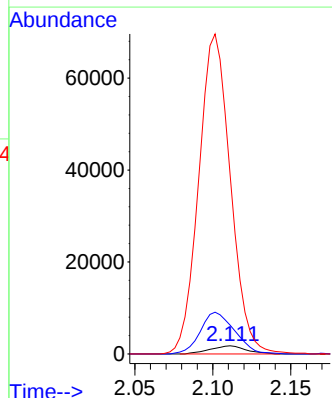
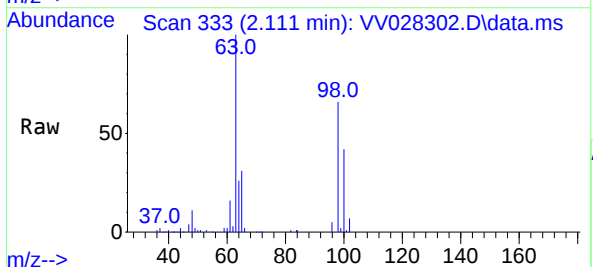
Instrument :
MSVOA_V
ClientSampleId :

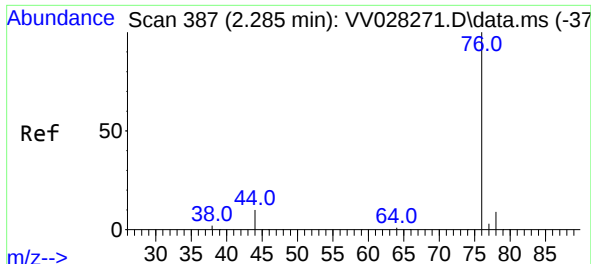
Tgt Ion: 64 Resp: 568964
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.216 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

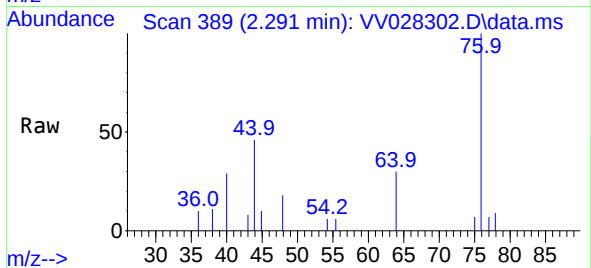
Tgt Ion: 96 Resp: 2820
Ion Ratio Lower Upper
96 100
61 353.9 128.3 238.3#
63 2203.7 112.7 209.3#



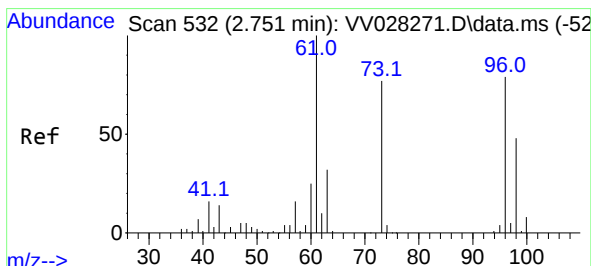
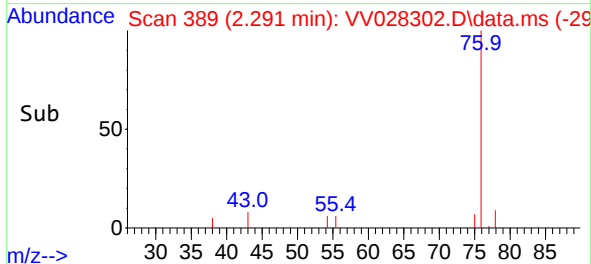
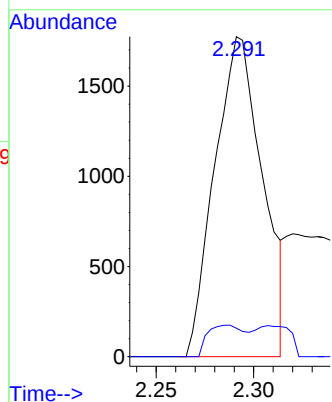


#14
Carbon disulfide
Concen: 0.074 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

Instrument :
MSVOA_V
ClientSampleId :

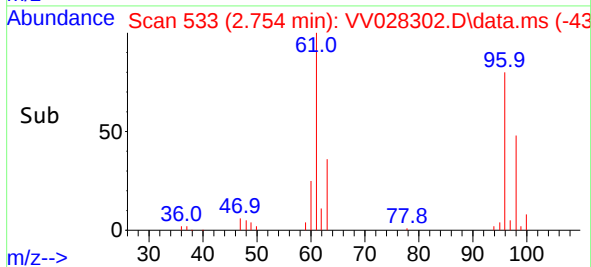
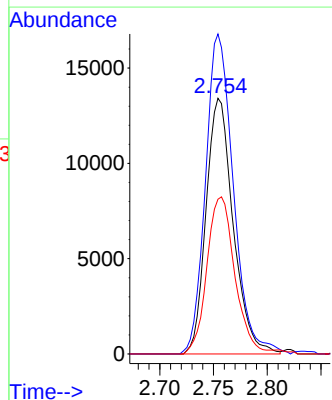
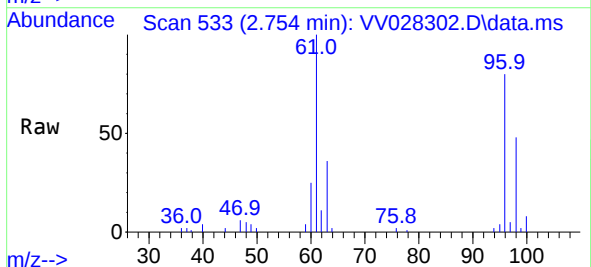


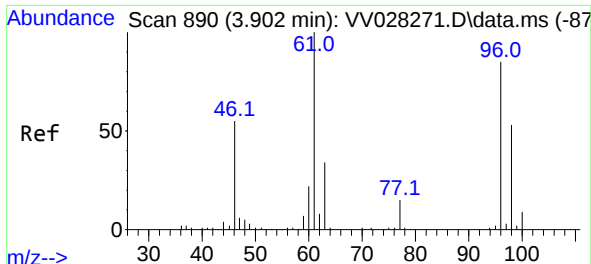
Tgt Ion: 76 Resp: 3021
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 1.733 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

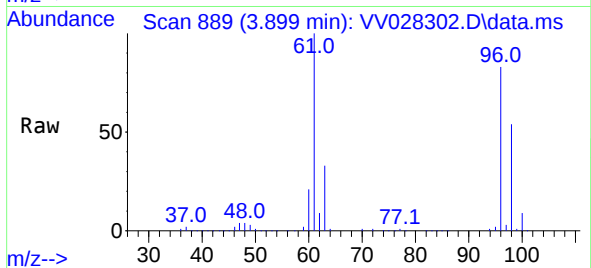
Tgt Ion: 96 Resp: 23568
Ion Ratio Lower Upper
96 100
61 125.1 96.2 178.6
98 60.5 45.7 84.9





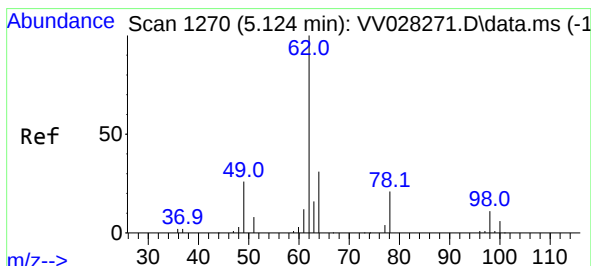
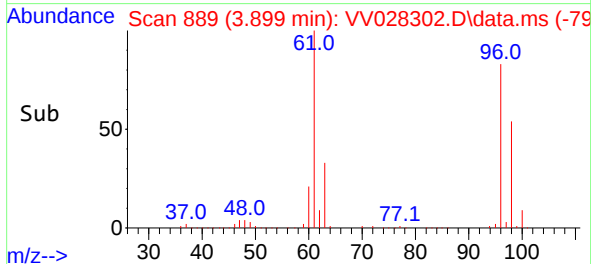
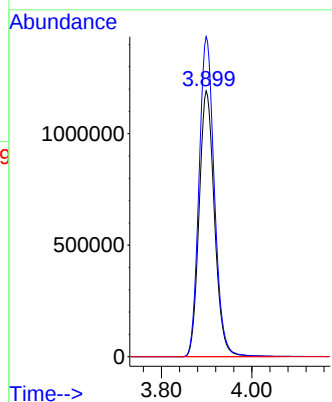
#22
 cis-1,2-Dichloroethene
 Concen: 205.000 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.006 min
 Lab File: VV028302.D
 Acq: 04 Oct 2022 00:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 2807576

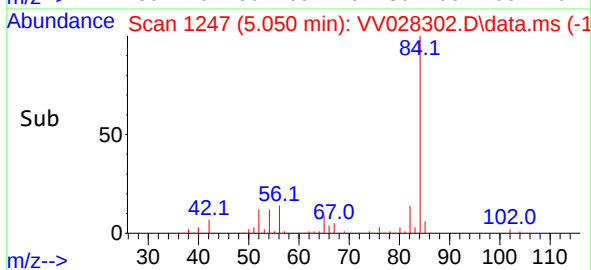
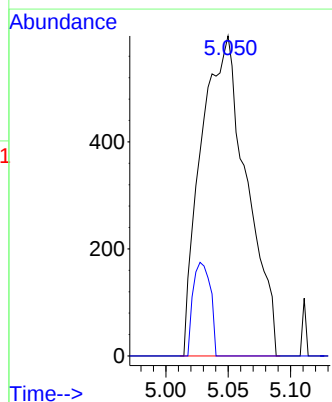
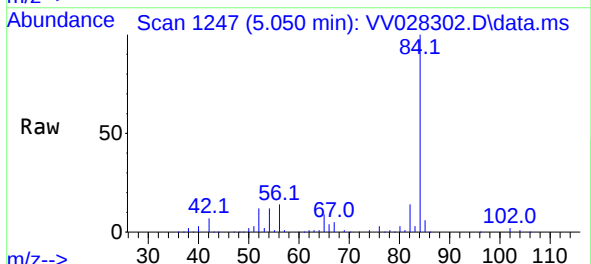
Ion	Ratio	Lower	Upper
96	100		
61	120.4	87.2	161.9
68	0.0	0.0	0.0

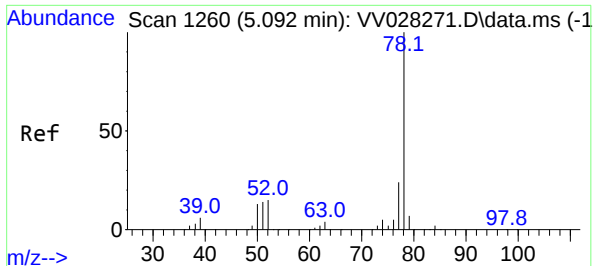


#27
 1,2-Dichloroethane
 Concen: 0.112 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.077 min
 Lab File: VV028302.D
 Acq: 04 Oct 2022 00:52

Tgt Ion: 62 Resp: 1518

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

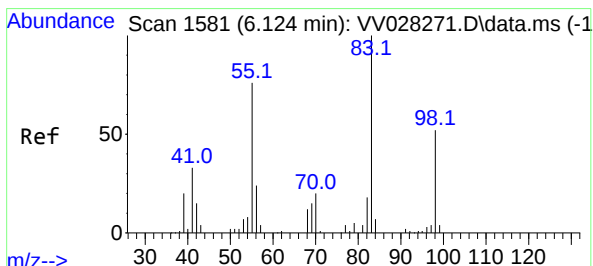
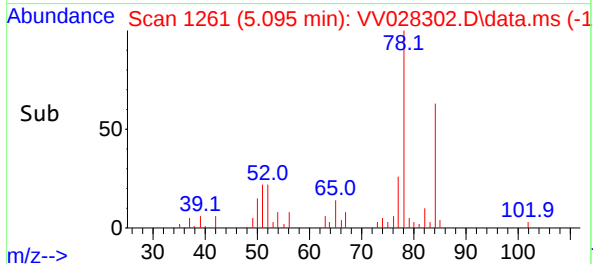
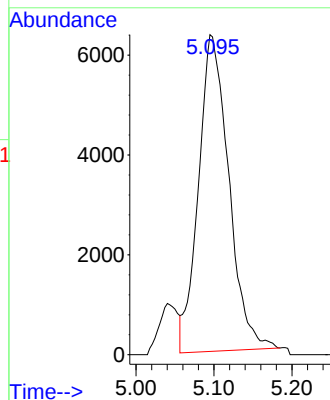
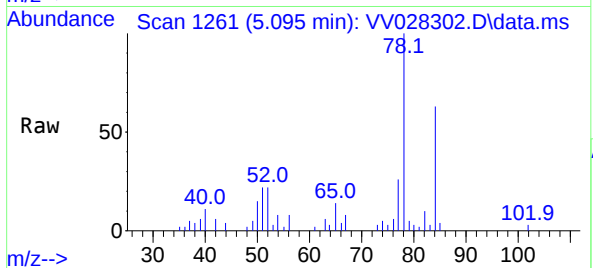




#33
Benzene
Concen: 0.308 ug/L
RT: 5.095 min Scan# 1562
Delta R.T. 0.003 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

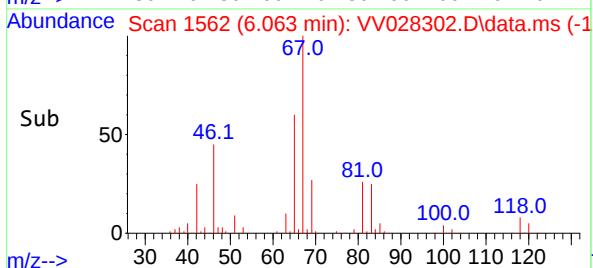
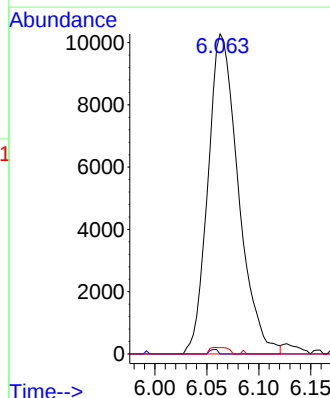
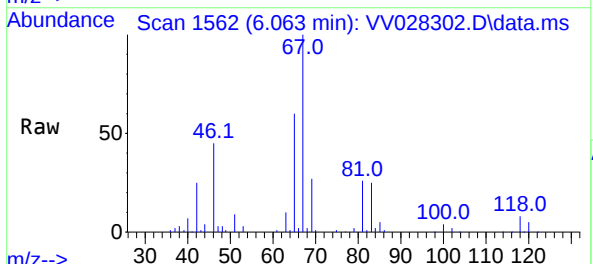
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MSVOA_V
ClientSampleId :

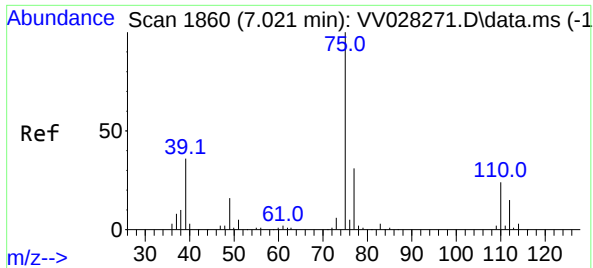
Tgt Ion: 78 Resp: 17082



#35
Methylcyclohexane
Concen: 0.923 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028302.D
Acq: 04 Oct 2022 00:52

Tgt Ion: 83 Resp: 20917
Ion Ratio Lower Upper
83 100
55 0.4 64.7 97.1#
98 1.2 39.5 59.3#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

Instrument :

MSVOA_V

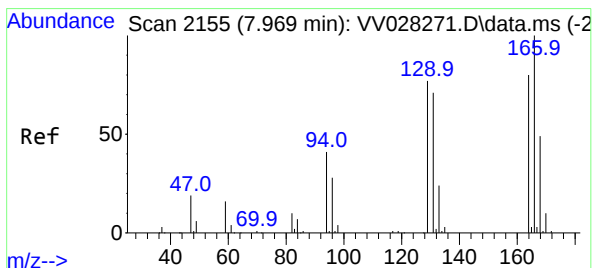
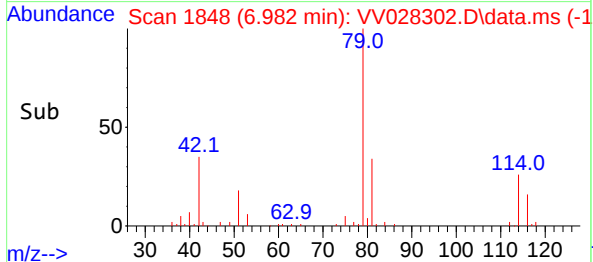
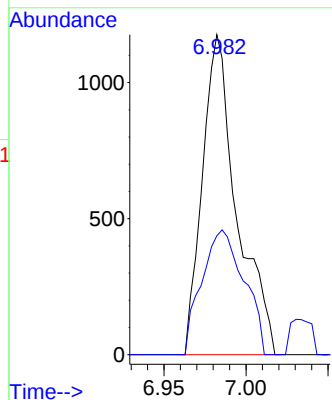
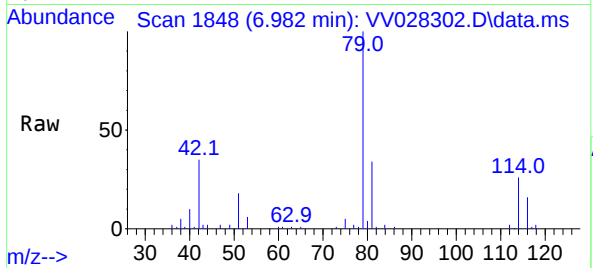
ClientSampleId :

Tgt Ion: 75 Resp: 1713

Ion Ratio Lower Upper

75 100

77 37.2 22.4 41.6



#47

Tetrachloroethene

Concen: 0.046 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.010 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

Tgt Ion:164 Resp: 561

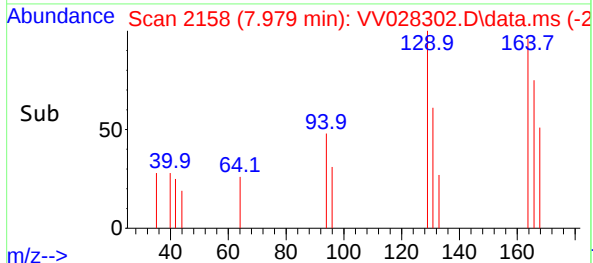
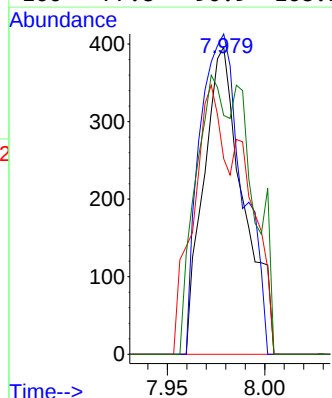
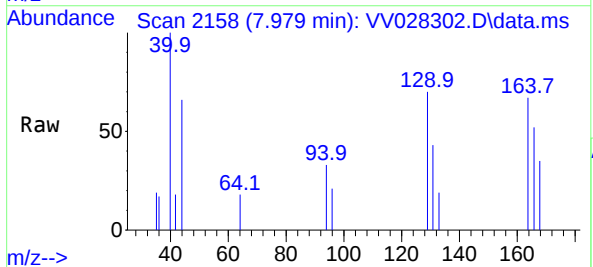
Ion Ratio Lower Upper

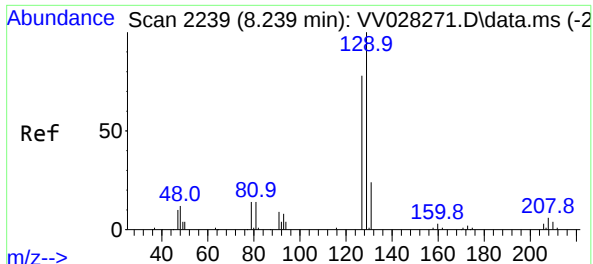
164 100

129 104.3 66.7 123.9

131 63.6 61.7 114.5

166 77.8 90.9 168.9#





#49

Dibromochloromethane

Concen: 0.053 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

Instrument :

MSVOA_V

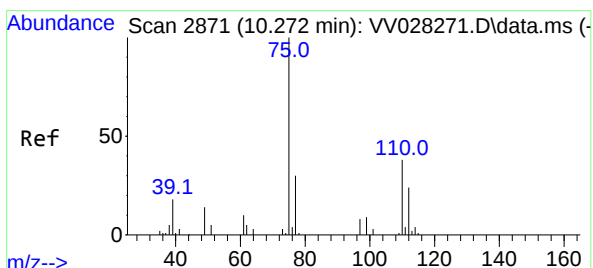
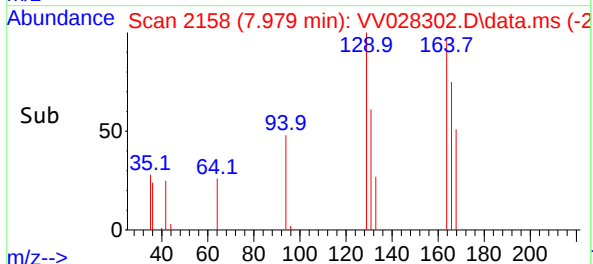
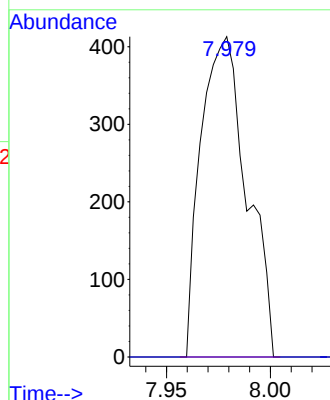
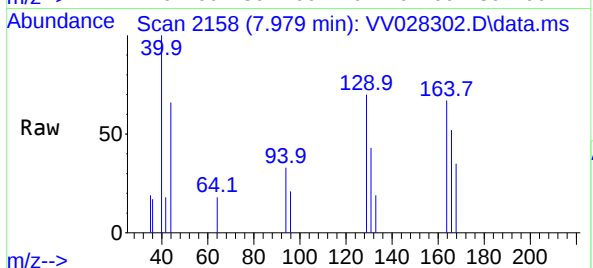
ClientSampleId :

Tgt Ion:129 Resp: 635

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028302.D

Acq: 04 Oct 2022 00:52

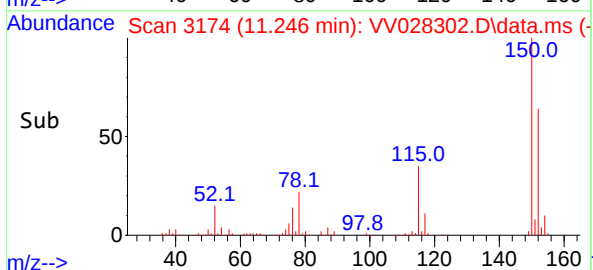
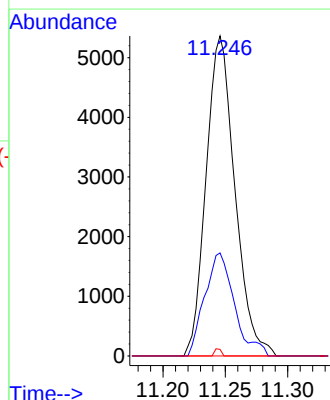
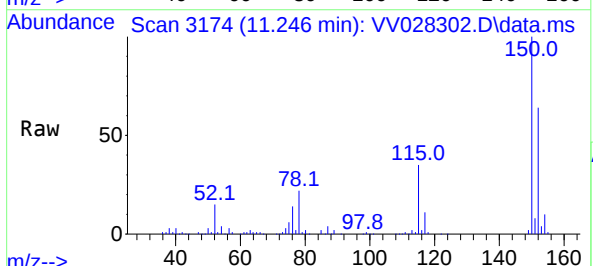
Tgt Ion: 75 Resp: 8625

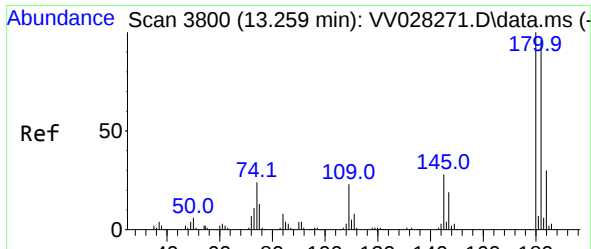
Ion Ratio Lower Upper

75 100

77 33.1 26.7 40.1

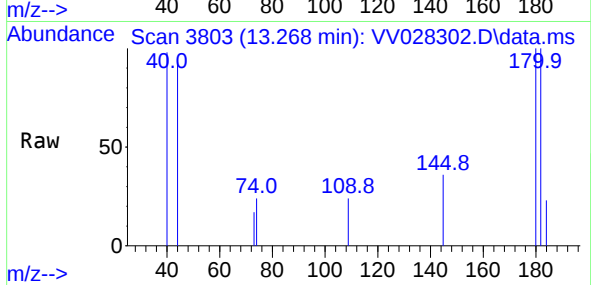
110 0.5 30.1 45.1#





#70
 1,2,4-trichlorobenzene
 Concen: 0.065 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV028302.D
 Acq: 04 Oct 2022 00:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 1023

Ion	Ratio	Lower	Upper
180	100		
182	123.0	76.3	114.5#
145	21.3	22.9	34.3#

