

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
 Data File : VV029152.D
 Acq On : 19 Nov 2022 05:42
 Operator : SY/MD
 Sample : N5666-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB28

Quant Time: Nov 19 06:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

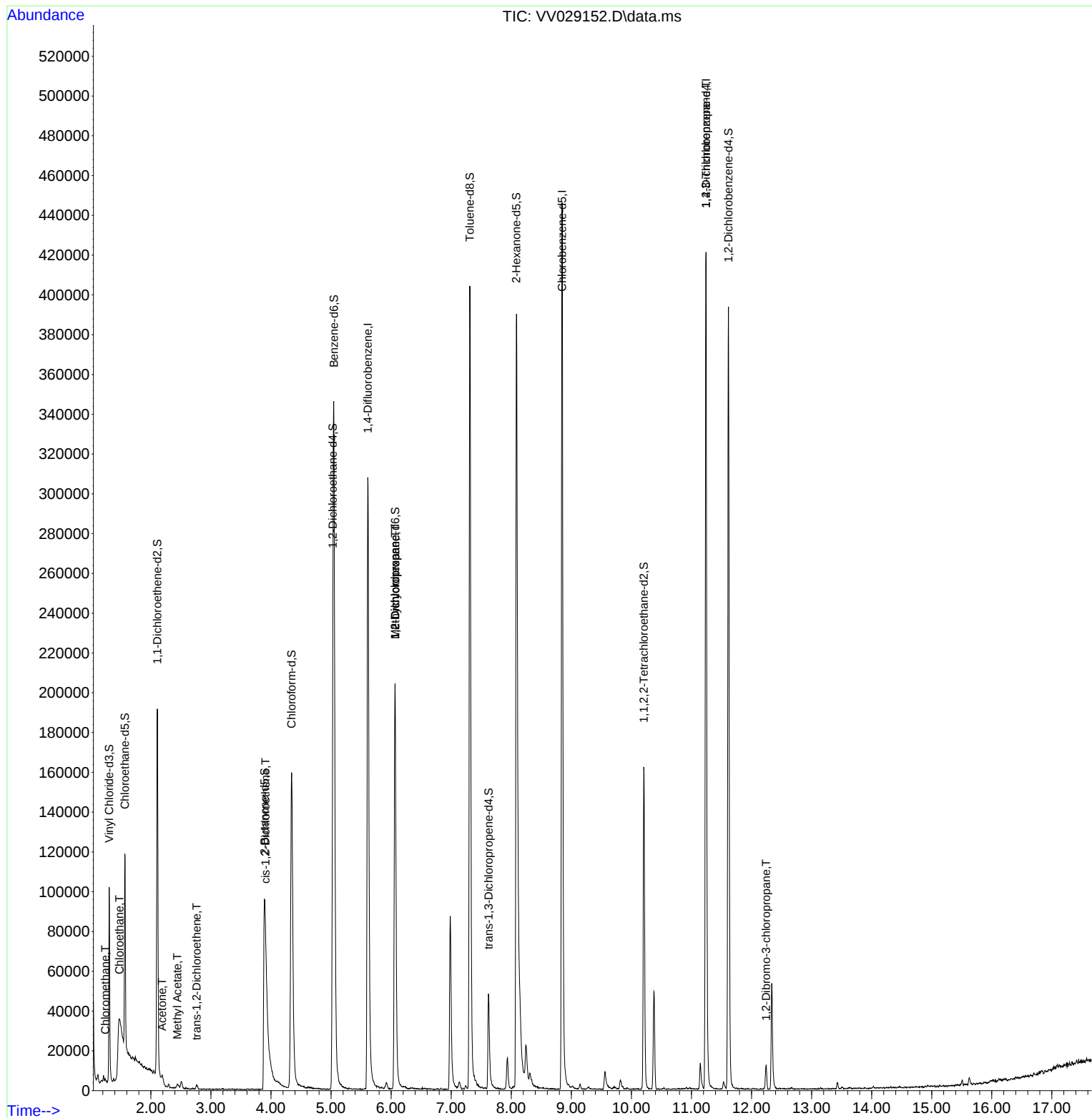
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	290050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	120812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67718	3.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.568	69	64707	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.108	63	93692	2.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.892	46	215203	72.703	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.400%#
24) Chloroform-d	4.342	84	167152	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.030	65	82113	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	333464	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.066	67	108768	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.310	98	287887	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.622	79	31824	4.402	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	159891	51.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81927	5.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	109778	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1014	0.051	ug/L #	68
8) Chloroethane	1.478	64	122722	9.124	ug/L #	52
13) Acetone	2.188	43	9327	4.898	ug/L	94
15) Methyl Acetate	2.439	43	2934	0.635	ug/L #	72
18) trans-1,2-Dichloroethene	2.764	96	876	0.043	ug/L #	71
22) cis-1,2-Dichloroethene	3.908	96	1184	0.057	ug/L	85
35) Methylcyclohexane	6.066	83	26144	0.715	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11381	0.607	ug/L #	85
61) 1,2,3-Trichloropropane	11.242	75	13702	1.660	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.242	75	377	0.232	ug/L #	2

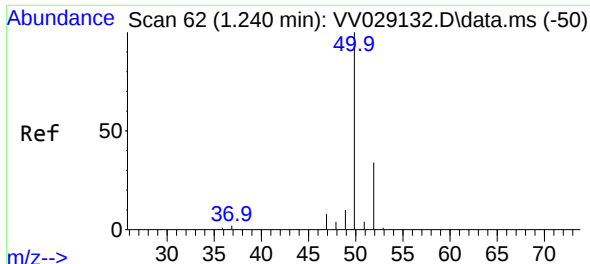
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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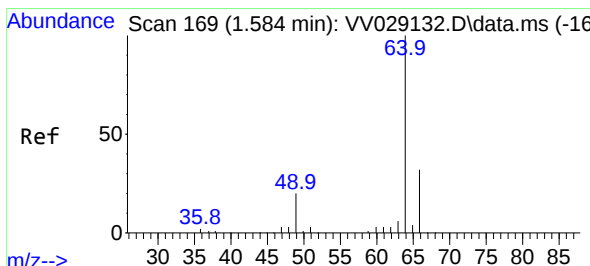
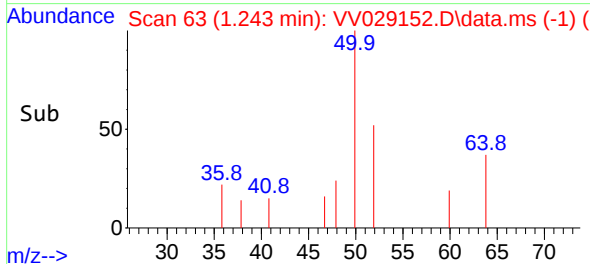
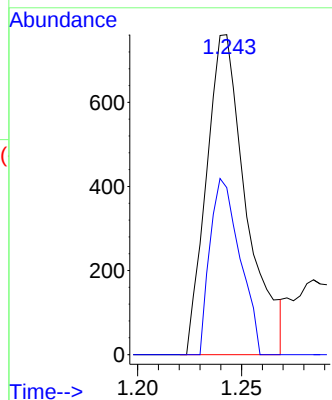
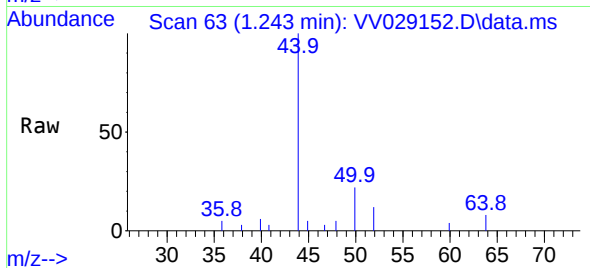




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

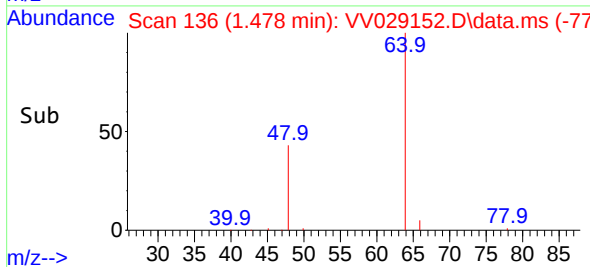
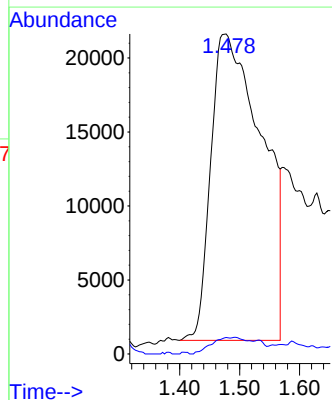
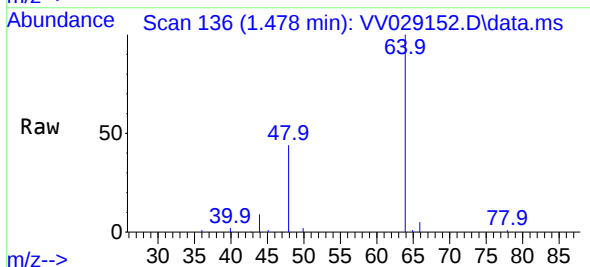
Instrument :
MSVOA_V
ClientSampleId :
BHB28

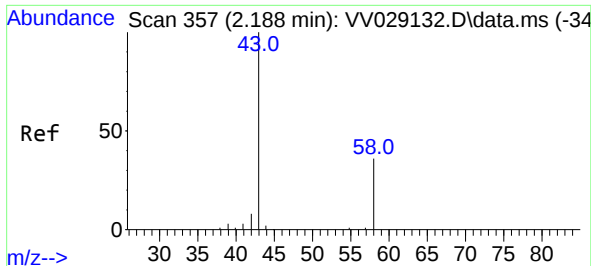
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 52.2 23.7 43.9#



#8
Chloroethane
Concen: 9.124 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.109 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

Tgt Ion: 64 Resp: 122722
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#





#13

Acetone

Concen: 4.898 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029152.D

Acq: 19 Nov 2022 05:42

Instrument :

MSVOA_V

ClientSampleId :

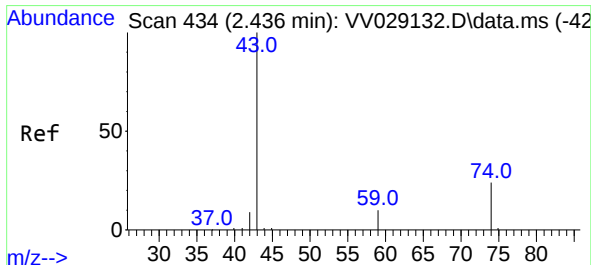
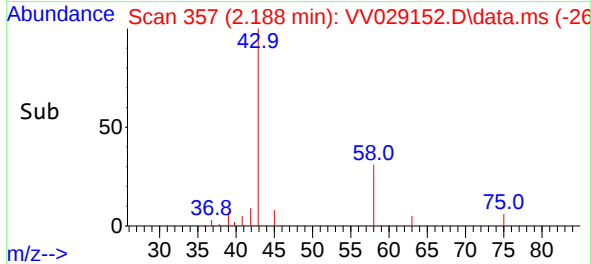
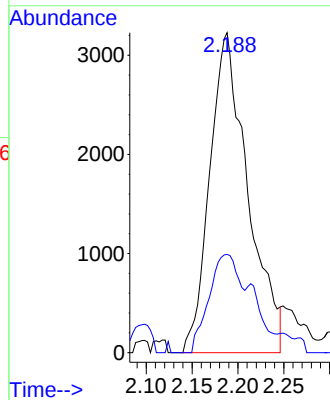
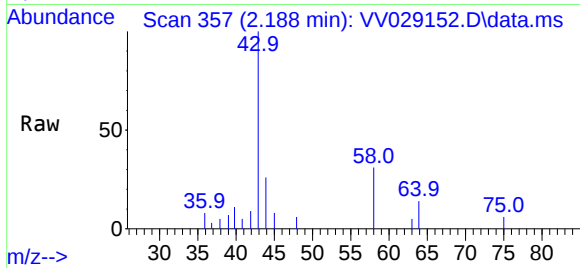
BHB28

Tgt Ion: 43 Resp: 9327

Ion Ratio Lower Upper

43 100

58 25.2 0.0 56.6



#15

Methyl Acetate

Concen: 0.635 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV029152.D

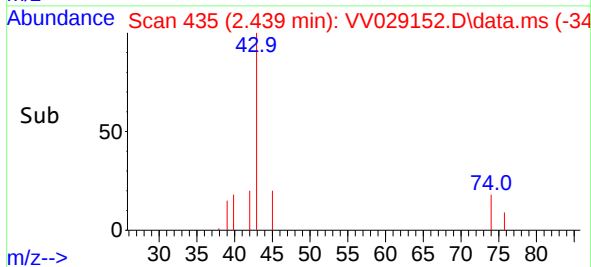
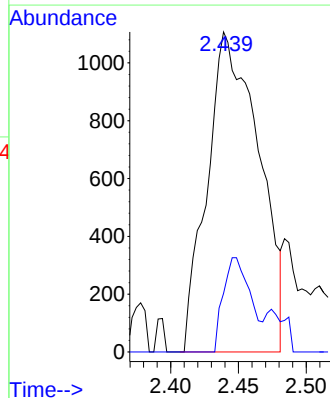
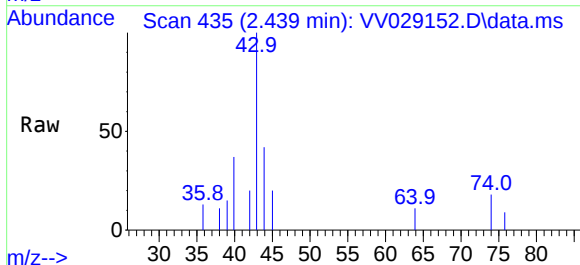
Acq: 19 Nov 2022 05:42

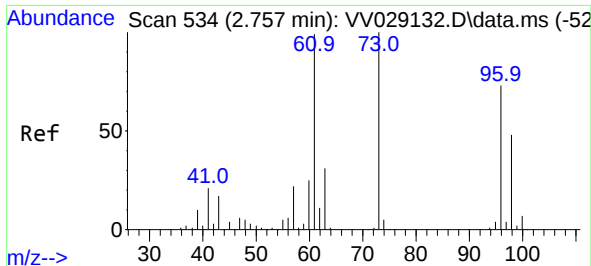
Tgt Ion: 43 Resp: 2934

Ion Ratio Lower Upper

43 100

74 15.7 24.6 37.0#

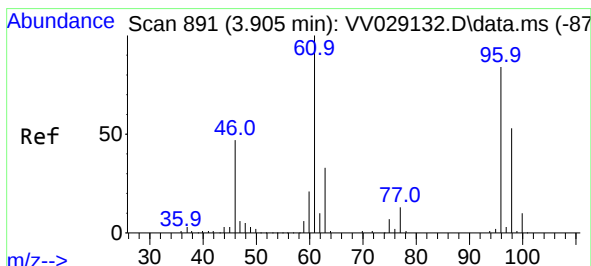
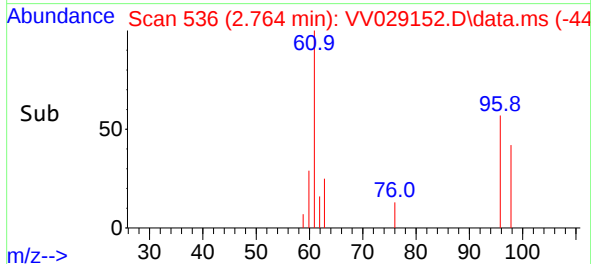
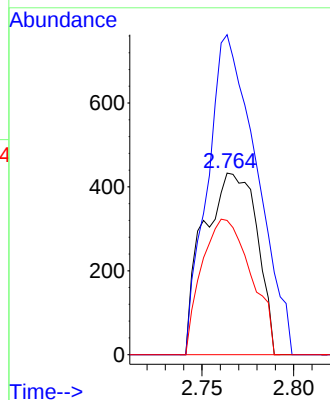
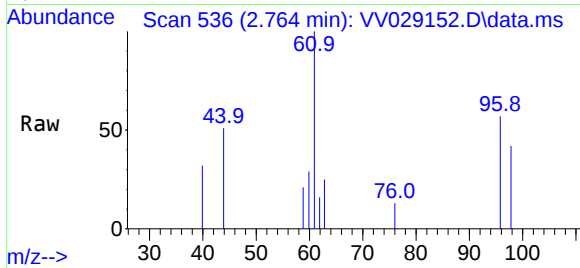




#18
trans-1,2-Dichloroethene
Concen: 0.043 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

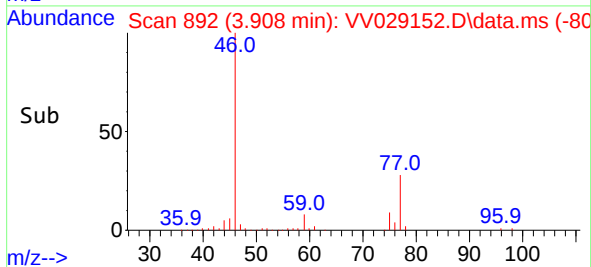
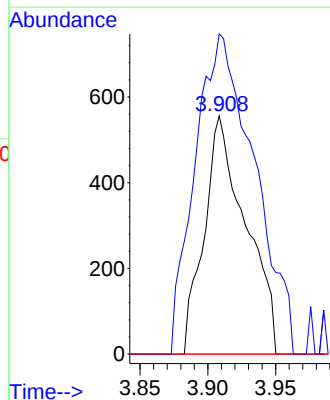
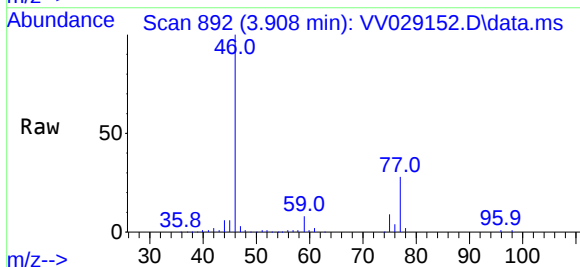
Instrument :
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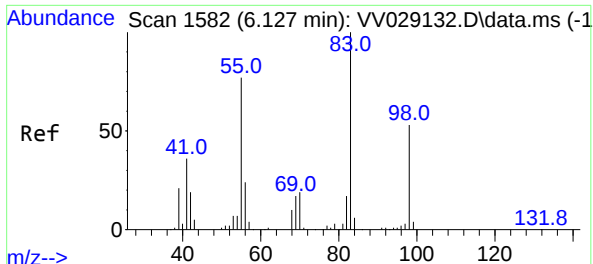
Tgt Ion: 96 Resp: 876
Ion Ratio Lower Upper
96 100
61 176.2 91.8 170.6#
98 73.9 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

Tgt Ion: 96 Resp: 1184
Ion Ratio Lower Upper
96 100
61 134.4 82.3 152.9
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029152.D

Acq: 19 Nov 2022 05:42

Instrument :

MSVOA_V

ClientSampleId :

BHB28

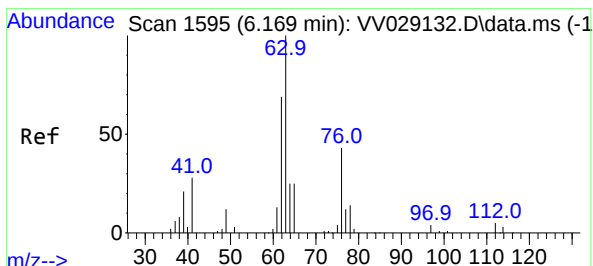
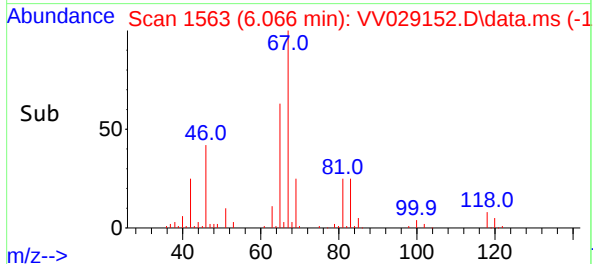
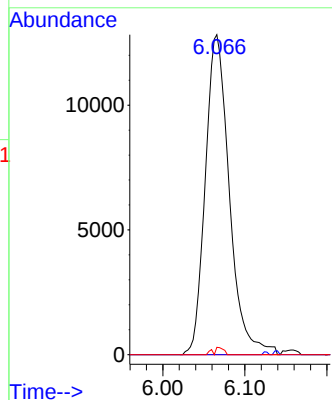
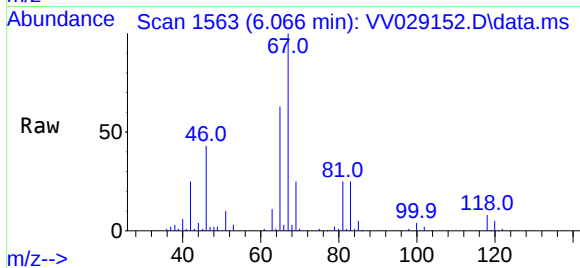
Tgt Ion: 83 Resp: 26144

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 1.0 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029152.D

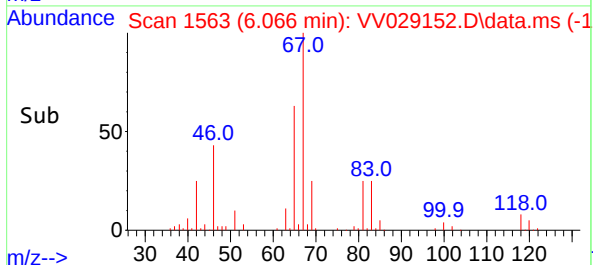
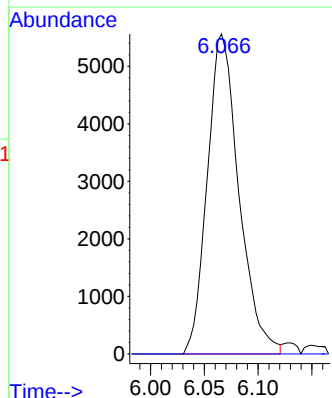
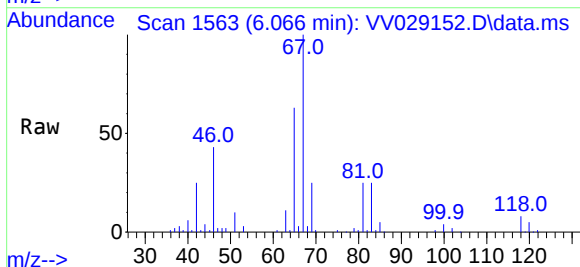
Acq: 19 Nov 2022 05:42

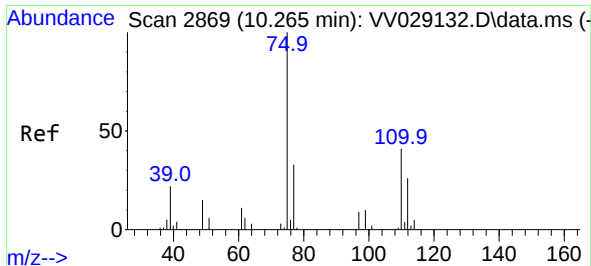
Tgt Ion: 63 Resp: 11381

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

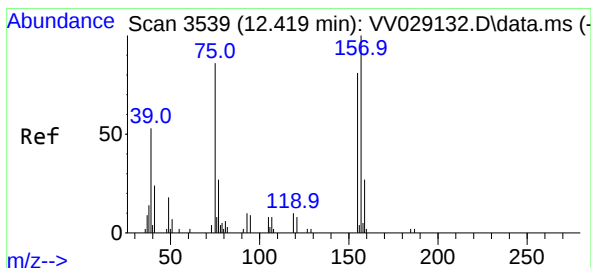
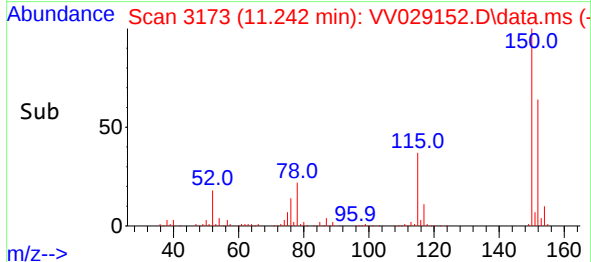
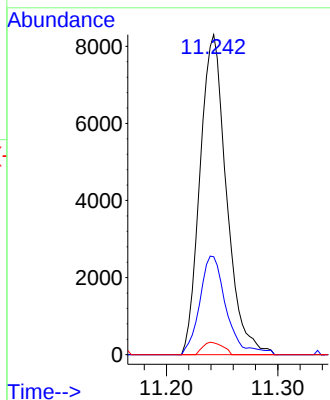
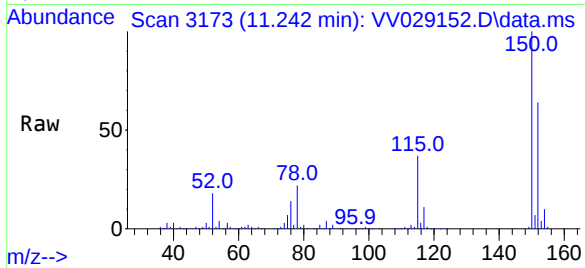




#61
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

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MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 13702
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2
110 2.9 32.6 48.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.232 ug/L
RT: 12.242 min Scan# 3484
Delta R.T. -0.177 min
Lab File: VV029152.D
Acq: 19 Nov 2022 05:42

Tgt Ion: 75 Resp: 377
Ion Ratio Lower Upper
75 100
155 0.0 64.8 97.2#
157 0.0 86.3 129.5#

