

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029118.D
 Acq On : 18 Nov 2022 15:11
 Operator : SY/MD
 Sample : N5687-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 18 23:34:23 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	271396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	107714	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	74445	4.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.567	69	65801	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	103847	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.895	46	202118	72.976	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.960%#
24) Chloroform-d	4.342	84	166630	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.027	65	81718	5.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.046	84	346870	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.066	67	110730	5.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.310	98	310877	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	32811	4.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.088	63	145697	50.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79121	5.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	108384	5.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%

Target Compounds

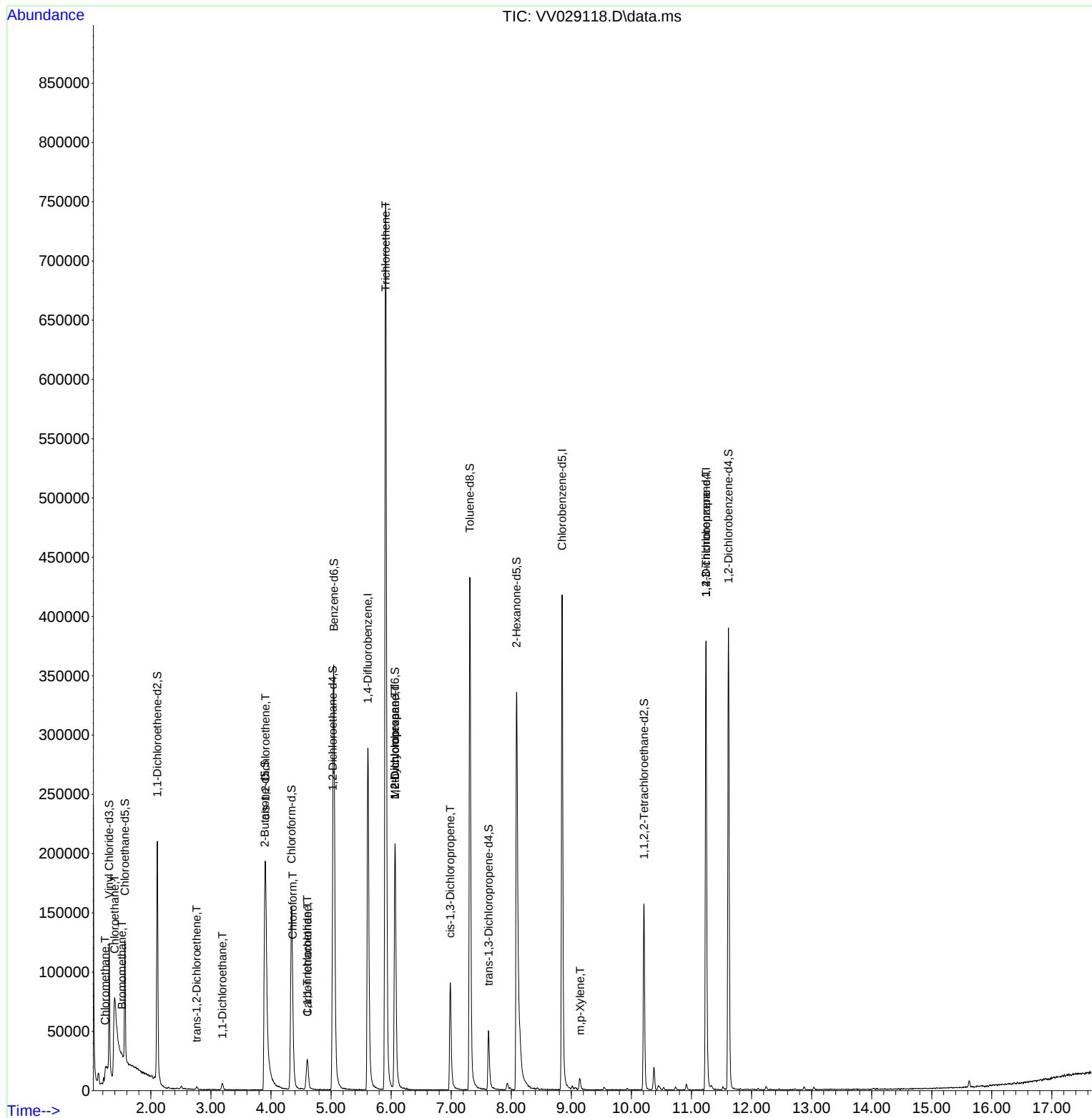
						Qvalue
3) Chloromethane	1.240	50	3753	0.200	ug/L	99
6) Bromomethane	1.519	94	733	0.057	ug/L #	70
8) Chloroethane	1.397	64	206116	16.377	ug/L #	52
18) trans-1,2-Dichloroethene	2.760	96	895	0.047	ug/L	79
19) 1,1-Dichloroethane	3.191	63	5924	0.190	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	74405	3.841	ug/L	100
25) Chloroform	4.362	83	3542	0.108	ug/L	90
29) 1,1,1-Trichloroethane	4.603	97	20868	0.716	ug/L	97
31) Carbon tetrachloride	4.609	117	2736	0.109	ug/L	95
34) Trichloroethene	5.908	95	273802	14.087	ug/L	98
35) Methylcyclohexane	6.066	83	27461	0.804	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11589	0.662	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2459	0.101	ug/L	88
53) m,p-Xylene	9.146	106	3440	0.101	ug/L	85
61) 1,2,3-Trichloropropane	11.242	75	11881	1.614	ug/L #	66

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

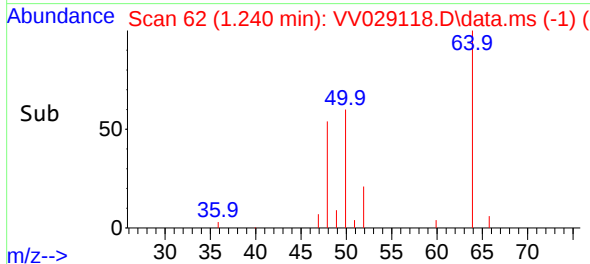
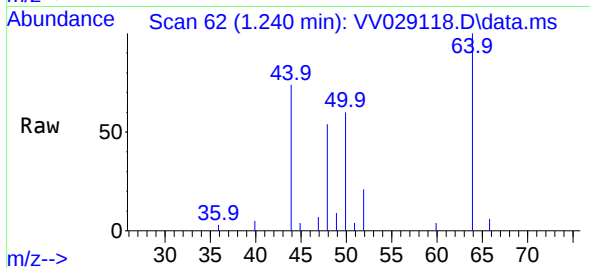
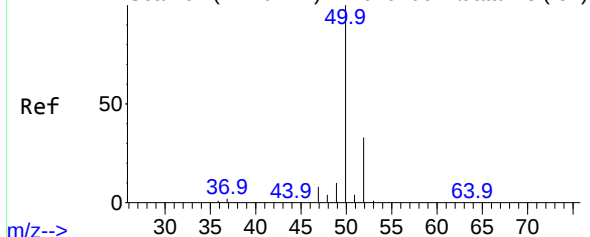
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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Quant Title : TRACE VOA SFAM1.0
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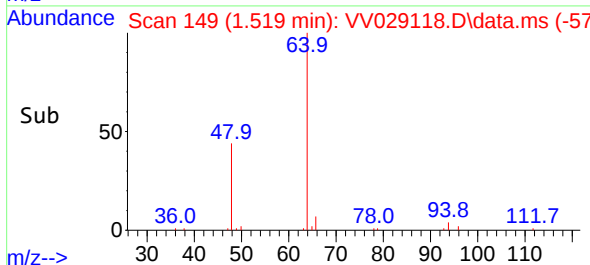
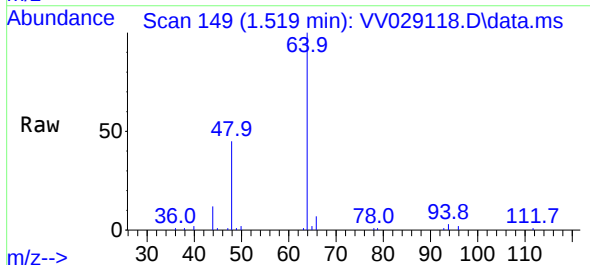
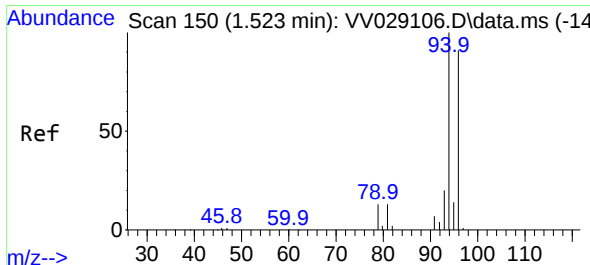
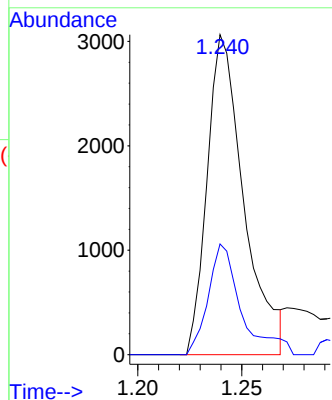
Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

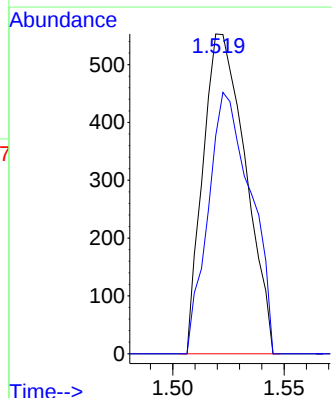
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MSVOA_V
ClientSampleId :

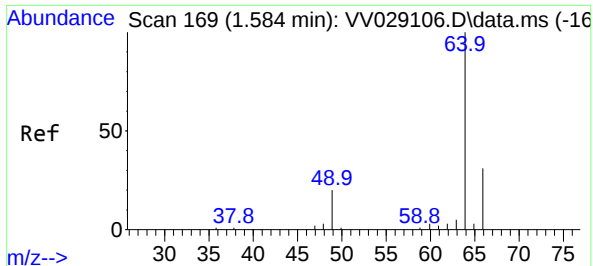
Tgt Ion: 50 Resp: 3753
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 68.2 68.5 127.3#

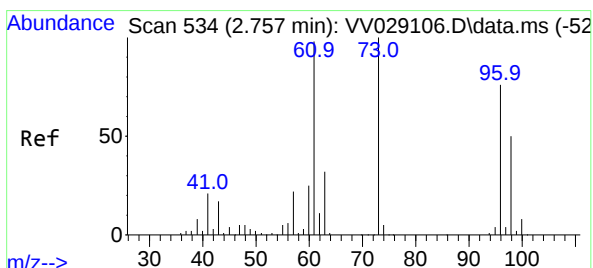
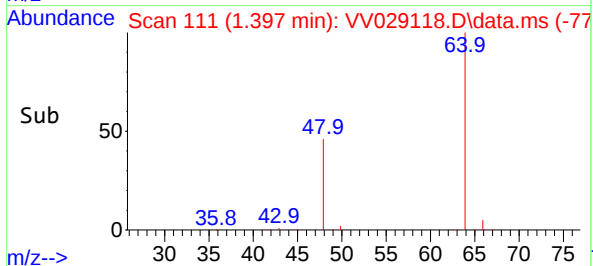
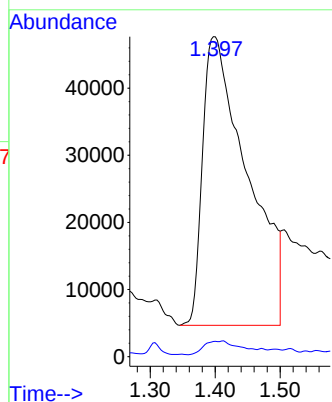
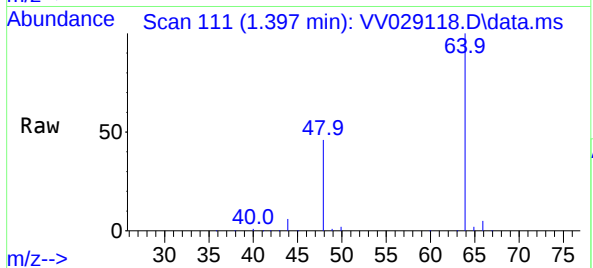




#8
Chloroethane
Concen: 16.377 ug/L
RT: 1.397 min Scan# 11
Delta R.T. -0.190 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

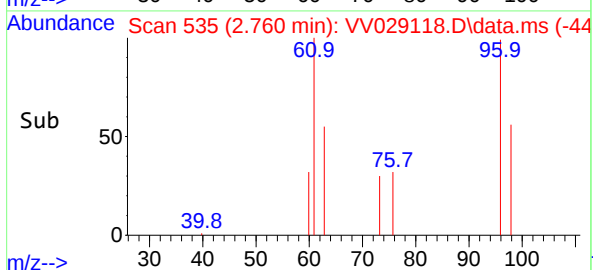
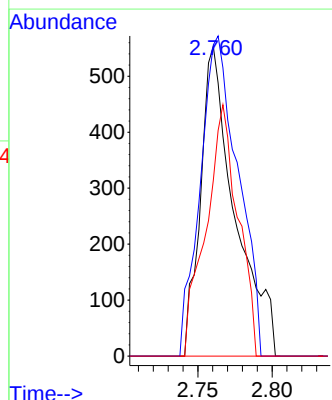
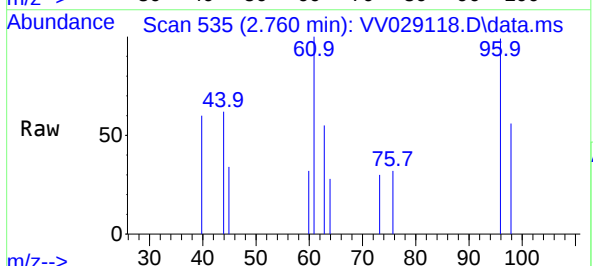
Instrument :
MSVOA_V
ClientSampleId :

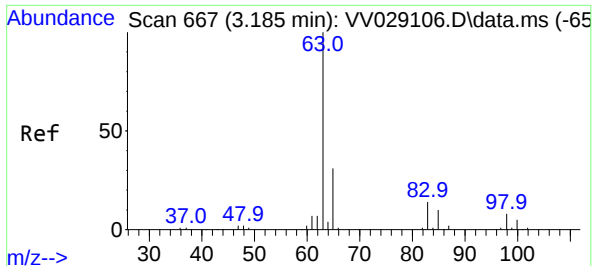
Tgt Ion: 64 Resp: 206116
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#



#18
trans-1,2-Dichloroethene
Concen: 0.047 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

Tgt Ion: 96 Resp: 895
Ion Ratio Lower Upper
96 100
61 100.5 91.8 170.6
98 56.8 46.4 86.2

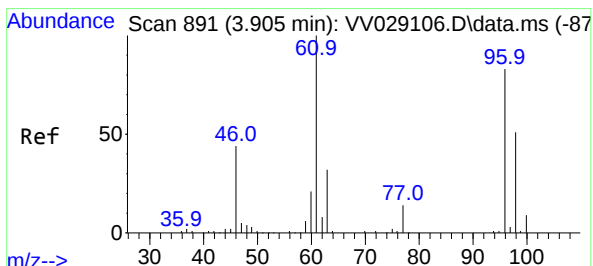
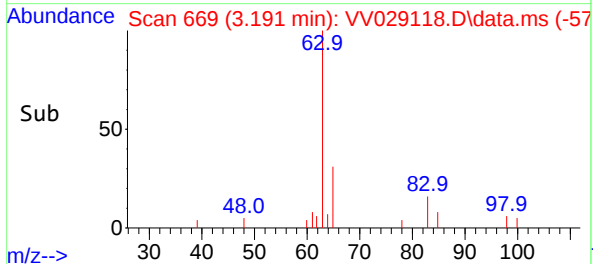
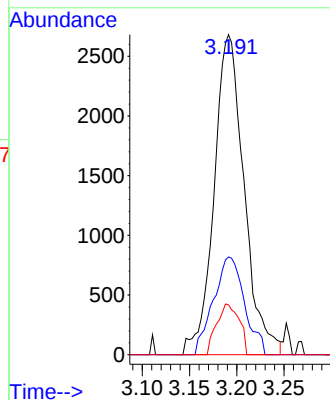
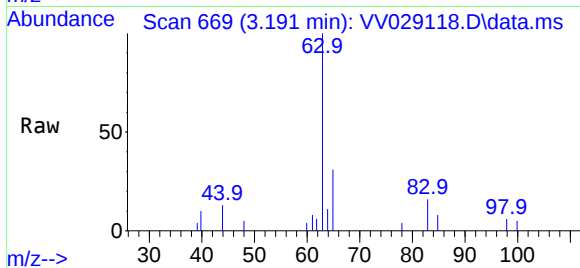




#19
1,1-Dichloroethane
Concen: 0.190 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

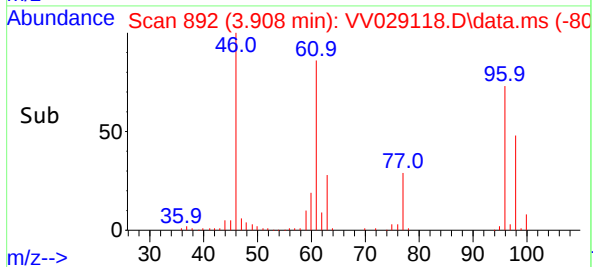
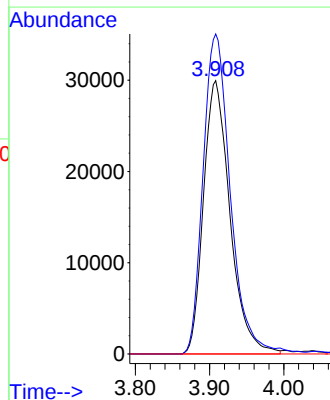
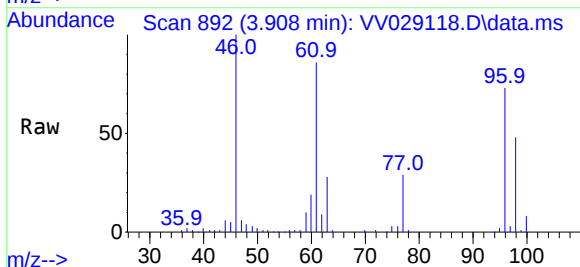
Instrument :
MSVOA_V
ClientSampleId :

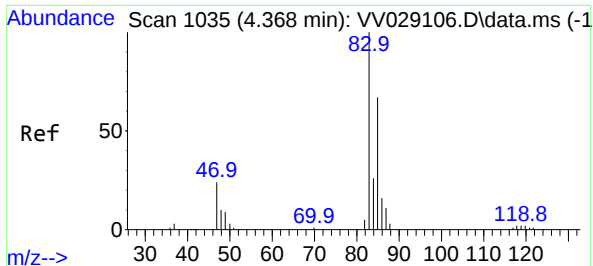
Tgt Ion: 63	Resp: 5924		
Ion Ratio	Lower	Upper	
63	100		
65	30.6	23.0	42.6
83	15.6	9.4	17.6



#22
cis-1,2-Dichloroethene
Concen: 3.841 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

Tgt Ion: 96	Resp: 74405
Ion Ratio	Lower Upper
96 100	
61 117.1	82.3 152.9
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.108 ug/L

RT: 4.362 min Scan# 1108

Delta R.T. -0.013 min

Lab File: VV029118.D

Acq: 18 Nov 2022 15:11

Instrument :

MSVOA_V

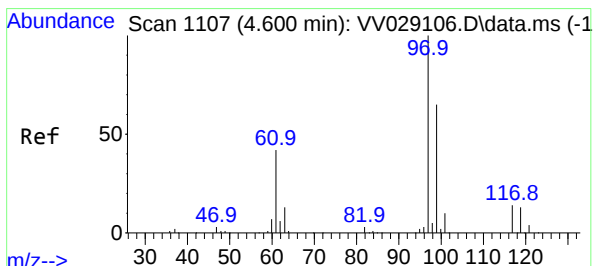
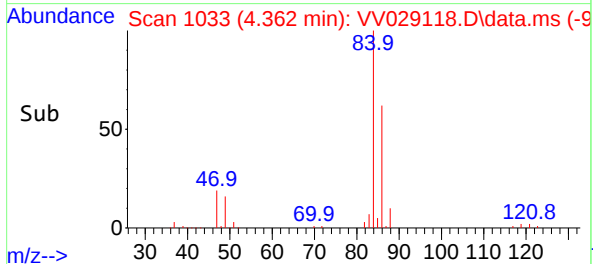
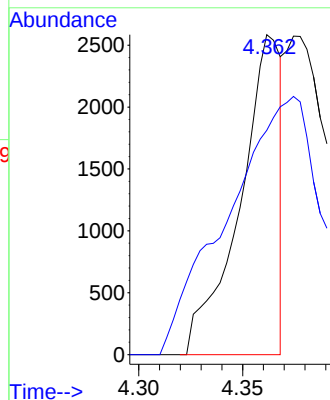
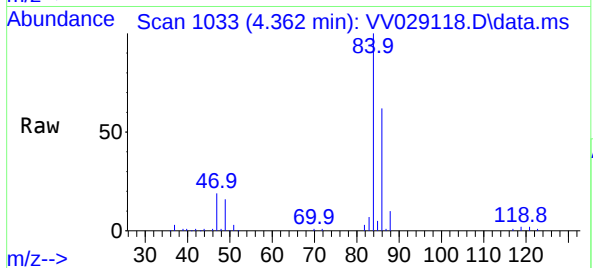
ClientSampleId :

Tgt Ion: 83 Resp: 3542

Ion Ratio Lower Upper

83 100

85 70.1 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.716 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029118.D

Acq: 18 Nov 2022 15:11

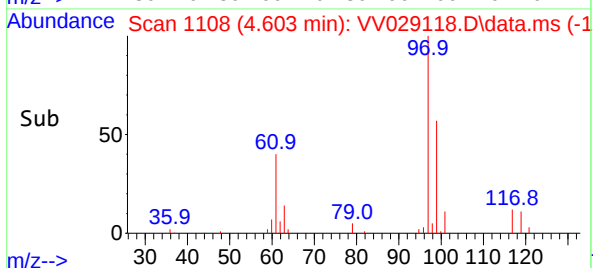
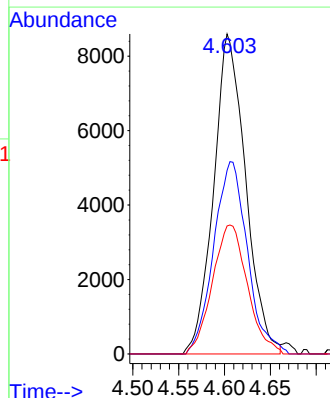
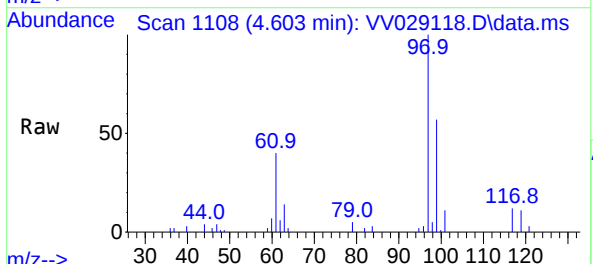
Tgt Ion: 97 Resp: 20868

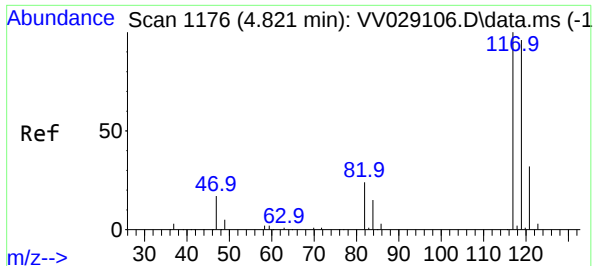
Ion Ratio Lower Upper

97 100

99 63.4 52.7 79.1

61 44.1 33.8 50.6

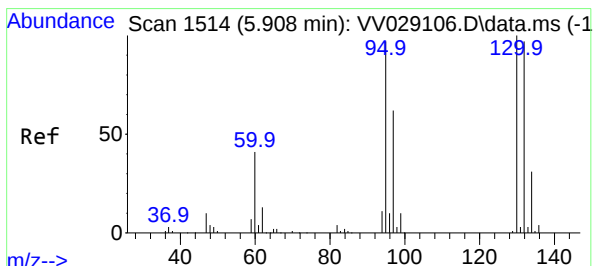
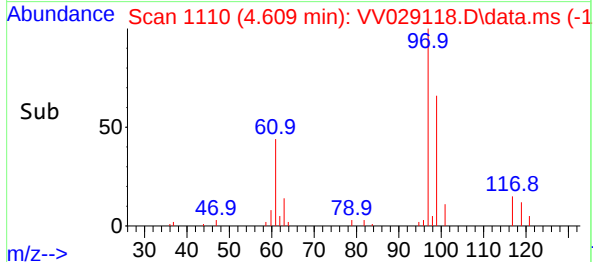
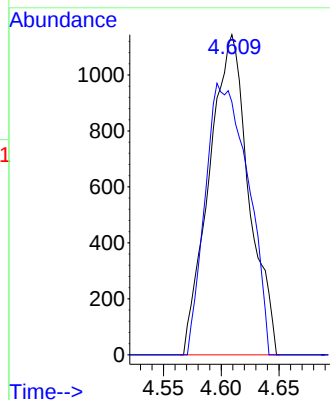
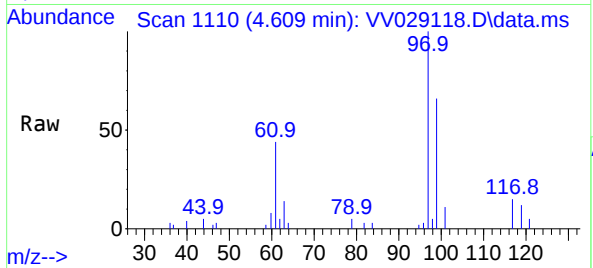




#31
Carbon tetrachloride
Concen: 0.109 ug/L
RT: 4.609 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

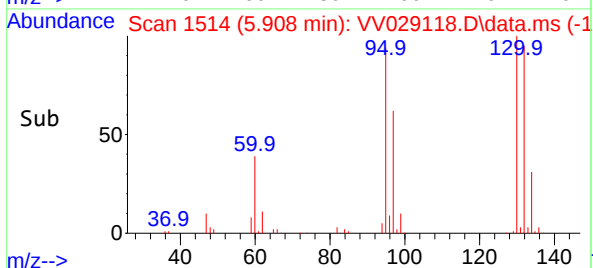
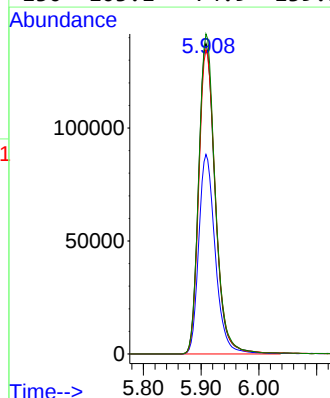
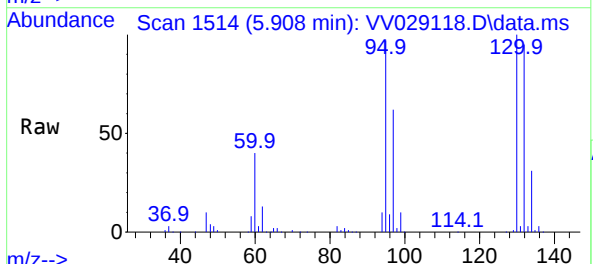
Instrument :
MSVOA_V
ClientSampleId :

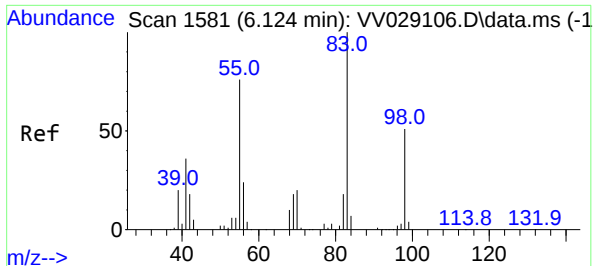
Tgt Ion:117 Resp: 2736
Ion Ratio Lower Upper
117 100
119 91.3 77.0 115.6



#34
Trichloroethene
Concen: 14.087 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.007 min
Lab File: VV029118.D
Acq: 18 Nov 2022 15:11

Tgt Ion: 95 Resp: 273802
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 98.0 69.1 128.3
130 103.1 74.9 139.1





#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.065 min

Lab File: VV029118.D

Acq: 18 Nov 2022 15:11

Instrument :

MSVOA_V

ClientSampleId :

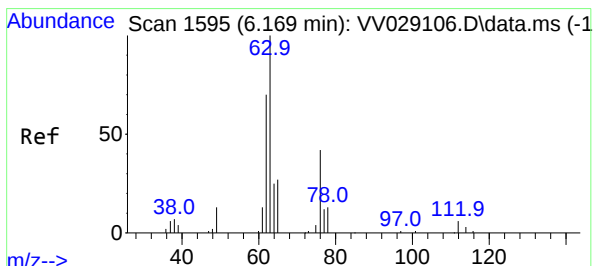
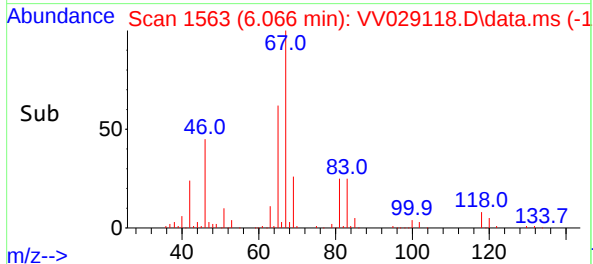
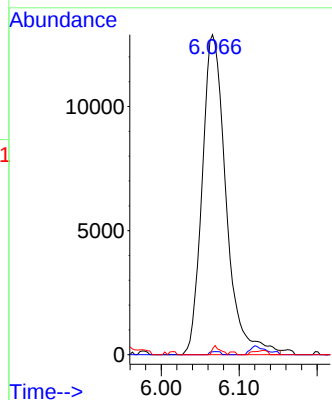
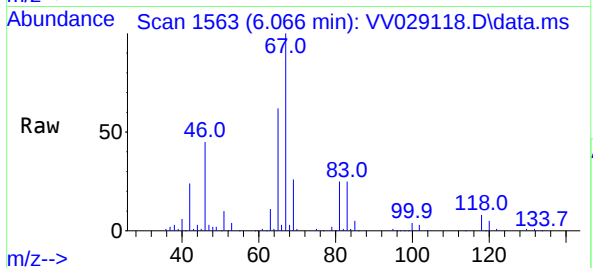
Tgt Ion: 83 Resp: 27461

Ion Ratio Lower Upper

83 100

55 0.4 55.8 83.6#

98 0.9 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029118.D

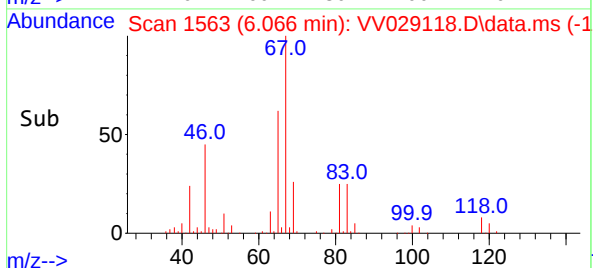
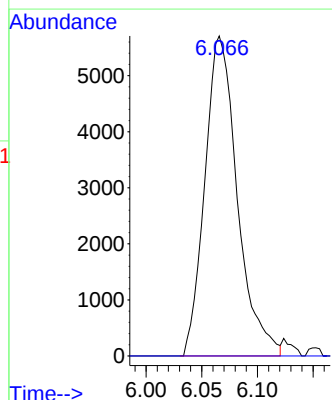
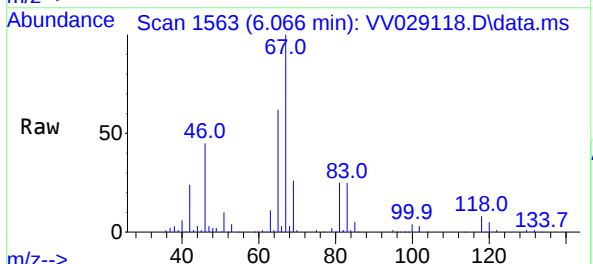
Acq: 18 Nov 2022 15:11

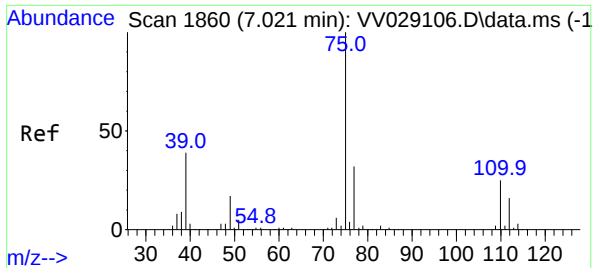
Tgt Ion: 63 Resp: 11589

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029118.D

Acq: 18 Nov 2022 15:11

Instrument :

MSVOA_V

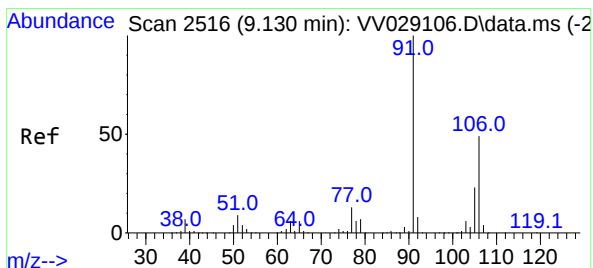
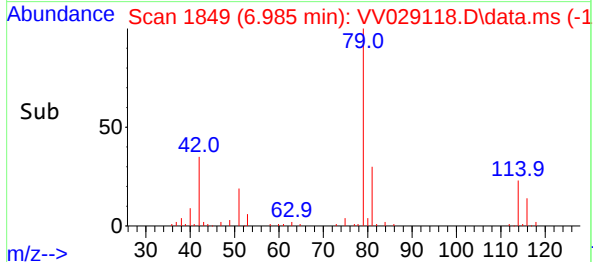
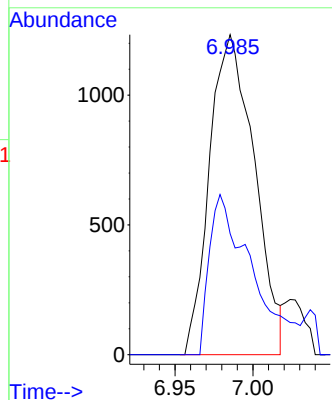
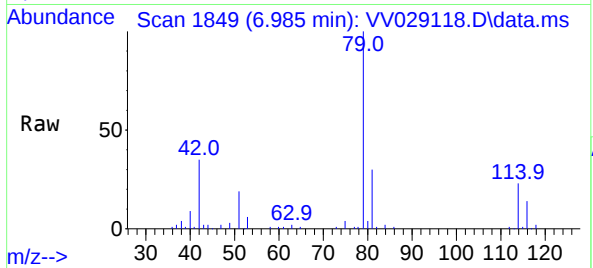
ClientSampleId :

Tgt Ion: 75 Resp: 2459

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.6



#53

m,p-Xylene

Concen: 0.101 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV029118.D

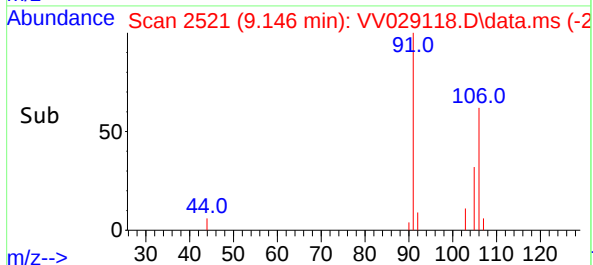
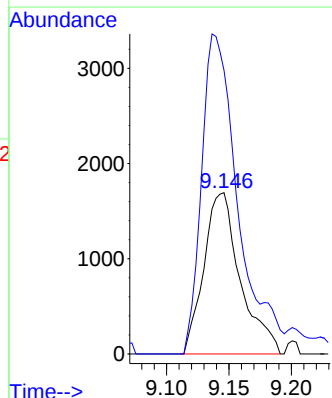
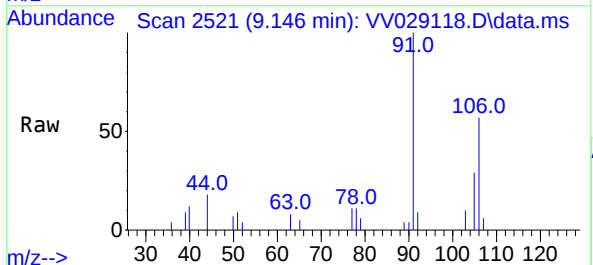
Acq: 18 Nov 2022 15:11

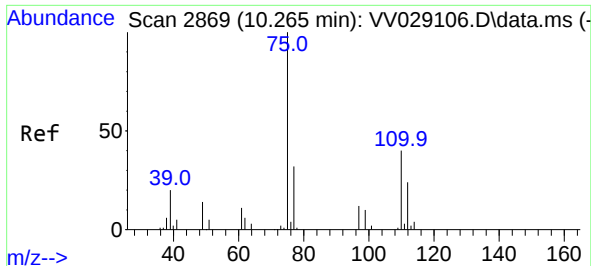
Tgt Ion: 106 Resp: 3440

Ion Ratio Lower Upper

106 100

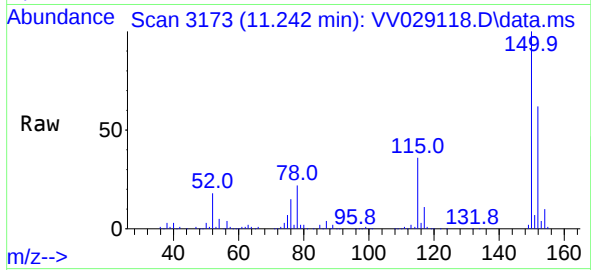
91 175.8 139.1 258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.614 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029118.D
 Acq: 18 Nov 2022 15:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	11881
Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.2
110	2.4	32.6	48.8#

