

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029045.D
 Acq On : 17 Nov 2022 03:02
 Operator : SY/MD
 Sample : N5592-02DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA3DL

Quant Time: Nov 17 05:37:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266636	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	114719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69728	4.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.568	69	56325	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.105	63	95470	3.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.905	46	114681	42.145	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.300%
24) Chloroform-d	4.343	84	154108	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	71738	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.047	84	323847	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.066	67	92575	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.310	98	305899	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	30296	4.540	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.088	63	131408	46.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	67333	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	110624	5.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	923	0.050	ug/L	93
6) Bromomethane	1.523	94	820	0.065	ug/L	97
8) Chloroethane	1.449	64	152023	12.295	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	3013	0.187	ug/L #	1
16) Methylene chloride	2.503	84	20465	0.981	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	3825	0.201	ug/L	98
25) Chloroform	4.375	83	2464	0.077	ug/L	86
27) 1,2-Dichloroethane	5.040	62	1580	0.096	ug/L #	70
29) 1,1,1-Trichloroethane	4.603	97	20448	0.710	ug/L	97
31) Carbon tetrachloride	4.609	117	2682	0.108	ug/L	88
34) Trichloroethene	5.918	95	11078	0.577	ug/L	87
35) Methylcyclohexane	6.066	83	22723	0.673	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9651	0.558	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2236	0.093	ug/L #	44
45) 1,1,2-Trichloroethane	7.963	97	1712	0.151	ug/L #	1
47) Tetrachloroethene	7.969	164	234881	15.276	ug/L	99
49) Dibromochloromethane	7.969	129	206526	15.087	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	11499	1.467	ug/L #	66

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Quant Time: Nov 17 05:37:18 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 04:20:13 2022
Response via : Initial Calibration

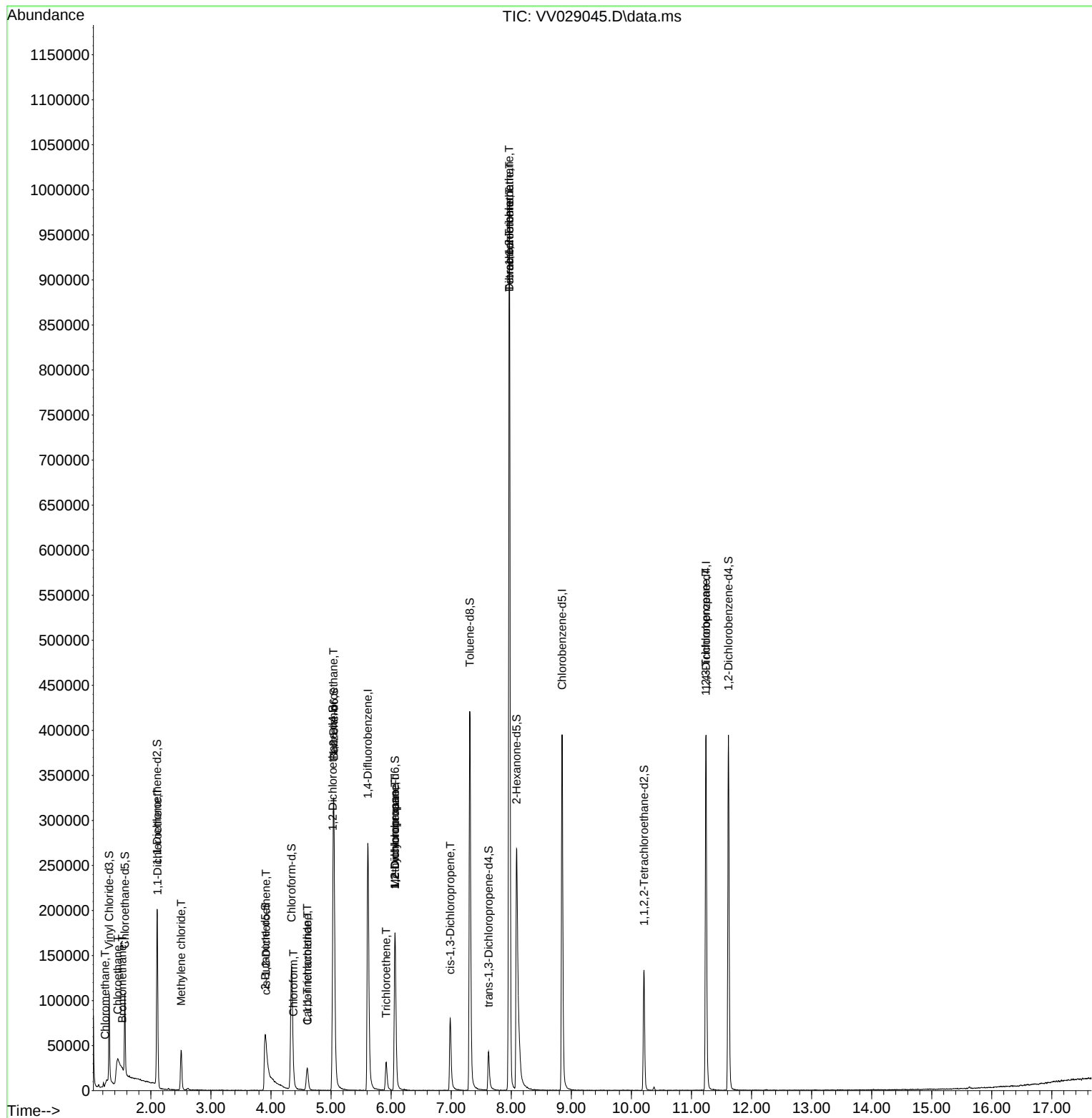
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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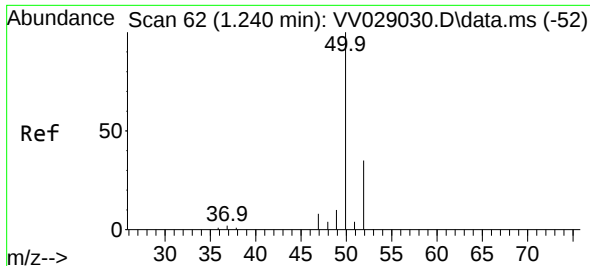
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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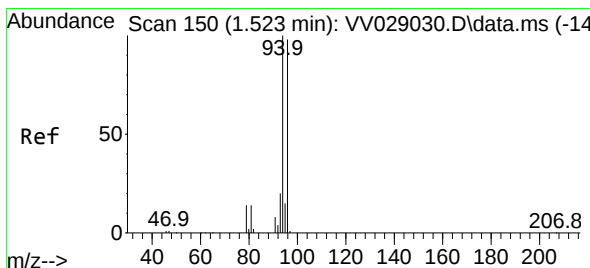
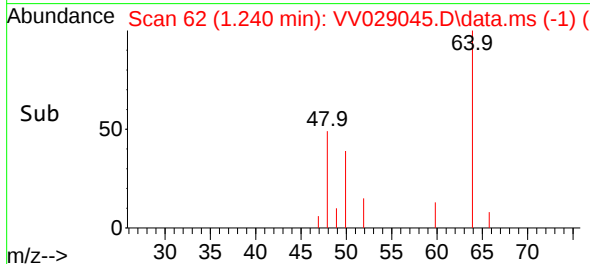
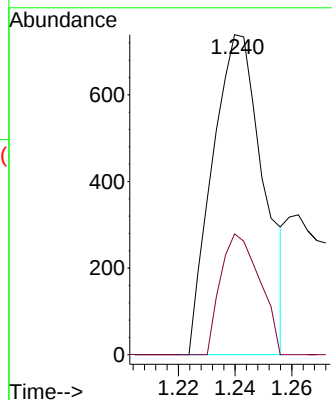
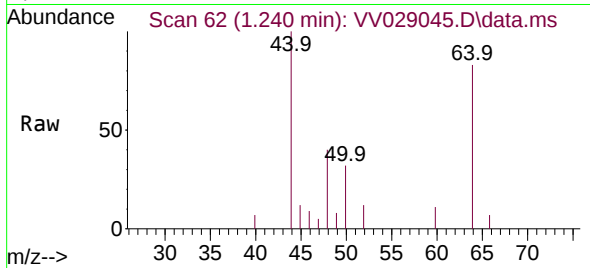




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

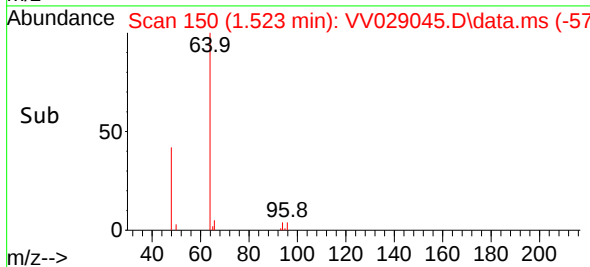
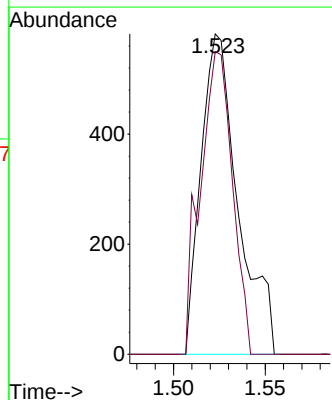
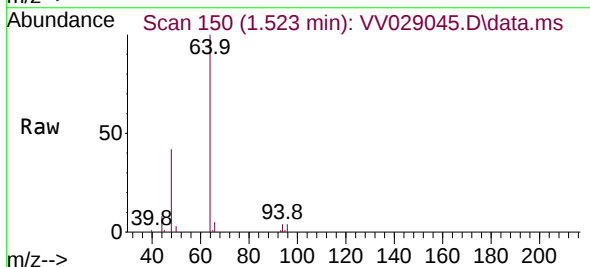
Instrument :
MSVOA_V
ClientSampleId :
H0AA3DL

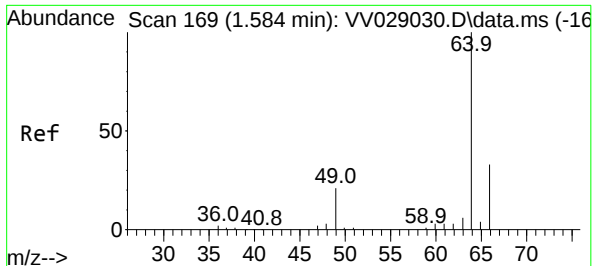
Tgt Ion: 50 Resp: 923
Ion Ratio Lower Upper
50 100
52 37.8 23.7 43.9



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 94.5 68.5 127.3

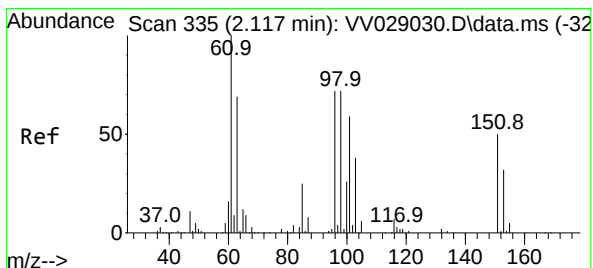
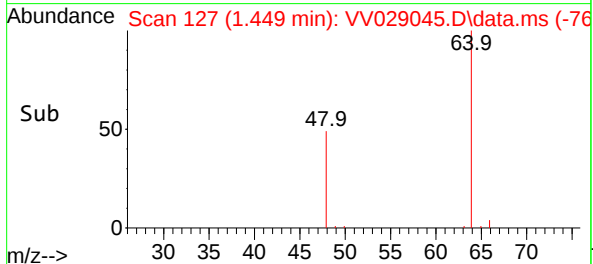
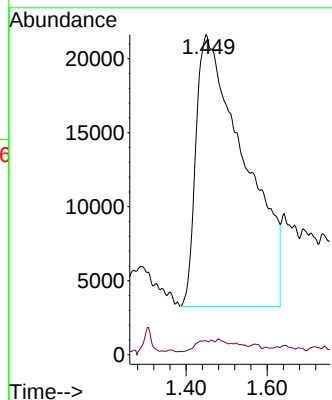
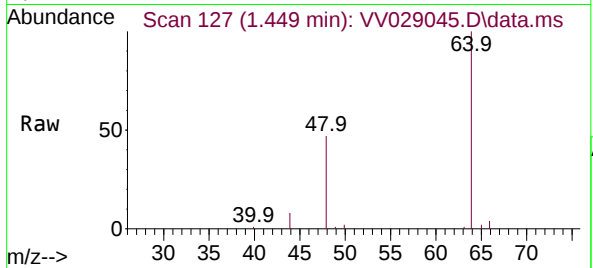




#8
Chloroethane
Concen: 12.295 ug/L
RT: 1.449 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

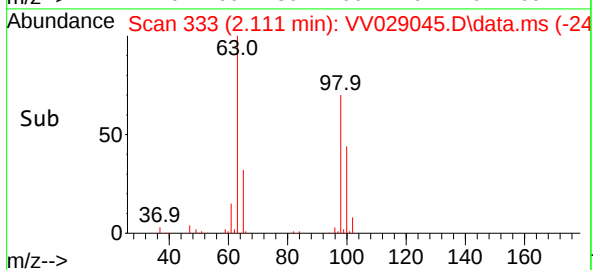
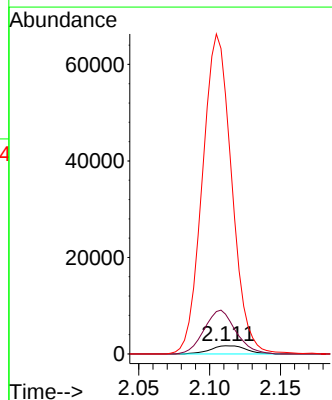
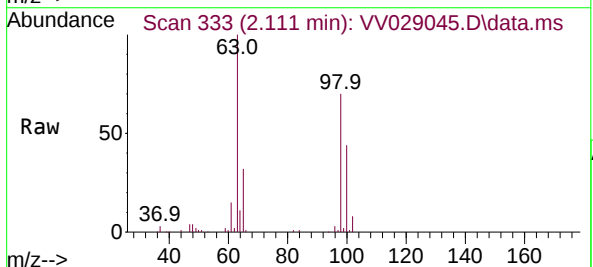
Instrument :
MSVOA_V
ClientSampleId :
H0AA3DL

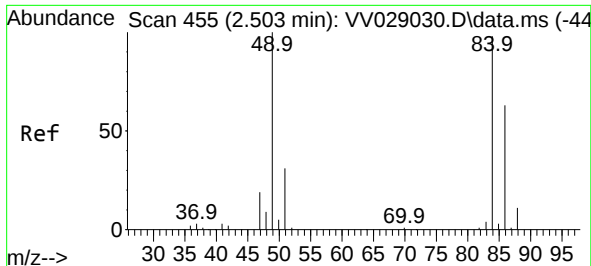
Tgt Ion: 64 Resp: 152023
Ion Ratio Lower Upper
64 100
66 4.3 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.187 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Tgt Ion: 96 Resp: 3013
Ion Ratio Lower Upper
96 100
61 490.6 104.2 193.4#
63 3187.7 75.9 140.9#

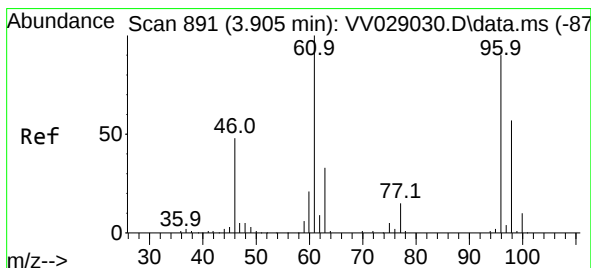
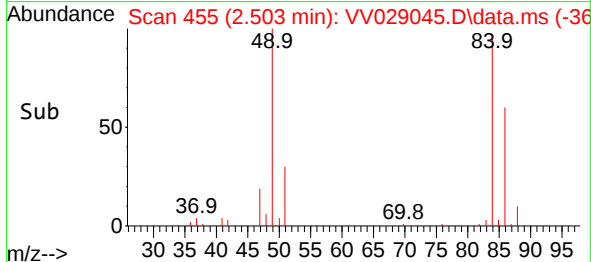
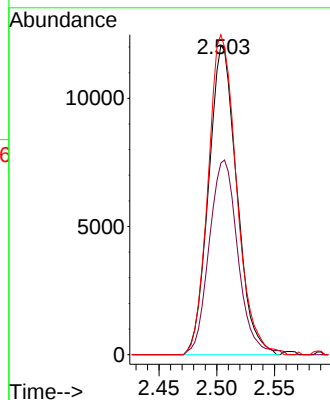
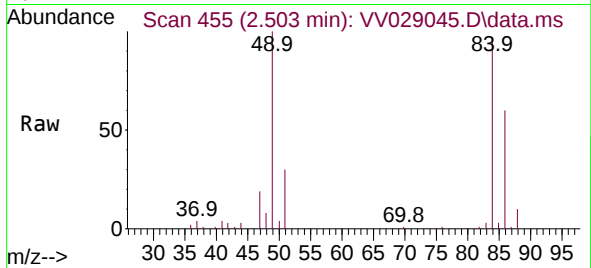




#16
Methylene chloride
Concen: 0.981 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

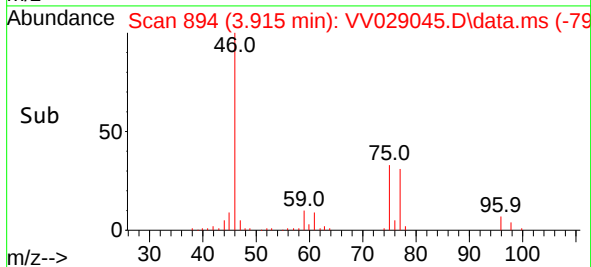
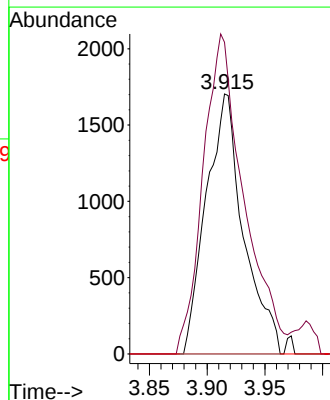
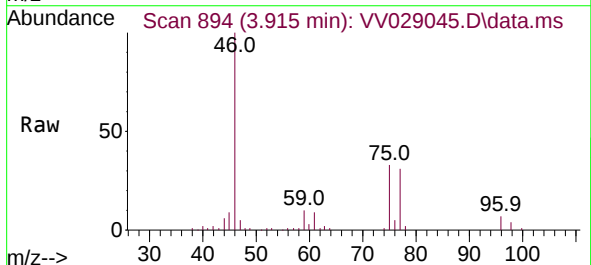
Instrument :
MSVOA_V
ClientSampleId :
H0AA3DL

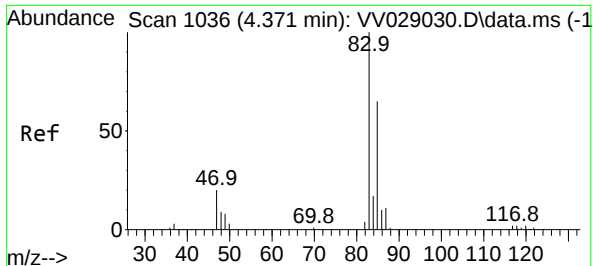
Tgt Ion: 84 Resp: 20465
Ion Ratio Lower Upper
84 100
86 62.0 45.8 85.0
49 103.6 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Tgt Ion: 96 Resp: 3825
Ion Ratio Lower Upper
96 100
61 119.8 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.077 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029045.D

Acq: 17 Nov 2022 03:02

Instrument :

MSVOA_V

ClientSampleId :

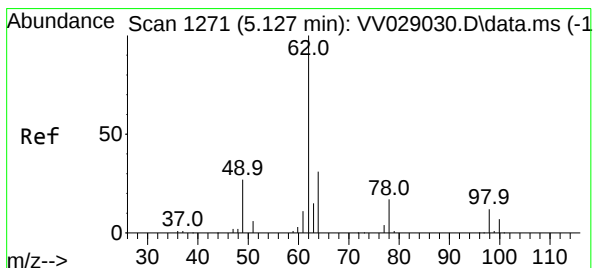
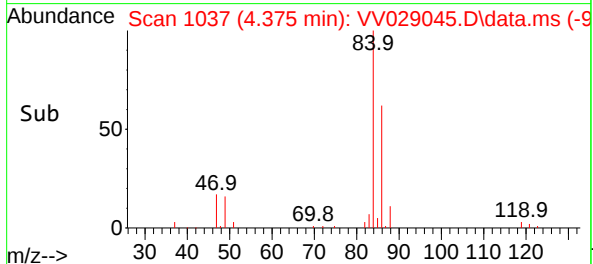
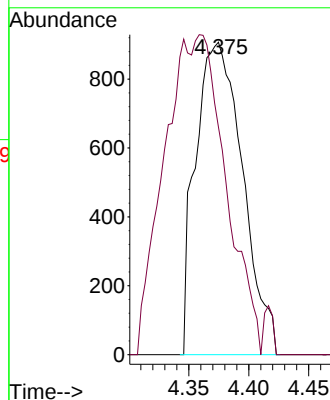
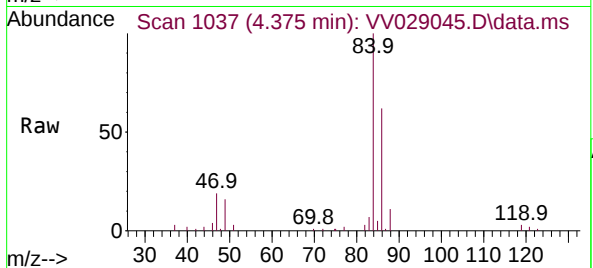
H0AA3DL

Tgt Ion: 83 Resp: 2464

Ion Ratio Lower Upper

83 100

85 72.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.087 min

Lab File: VV029045.D

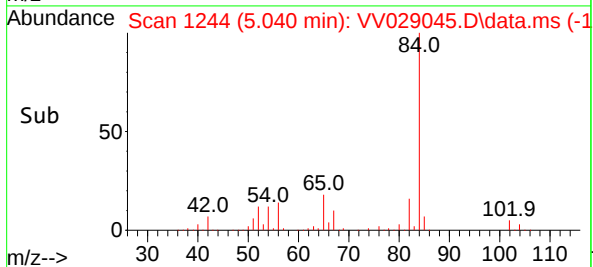
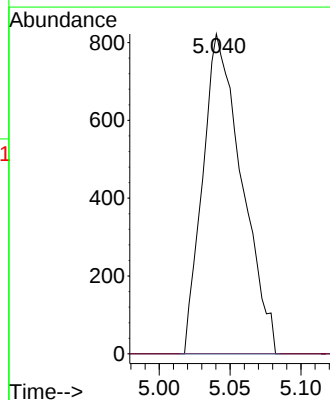
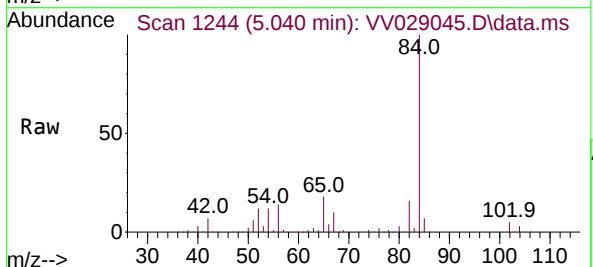
Acq: 17 Nov 2022 03:02

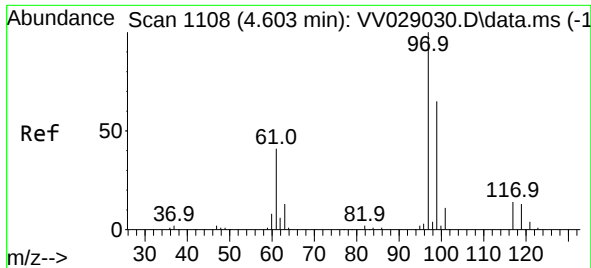
Tgt Ion: 62 Resp: 1580

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#29

1,1,1-Trichloroethane

Concen: 0.710 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV029045.D

Acq: 17 Nov 2022 03:02

Instrument :

MSVOA_V

ClientSampleId :

H0AA3DL

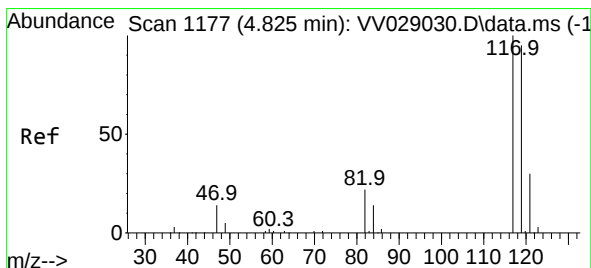
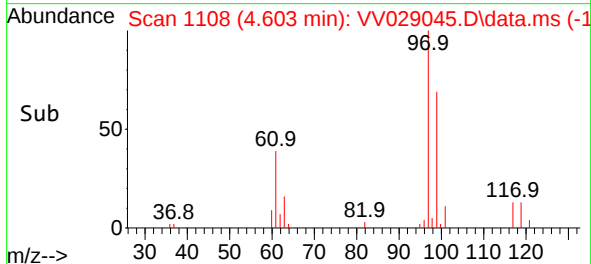
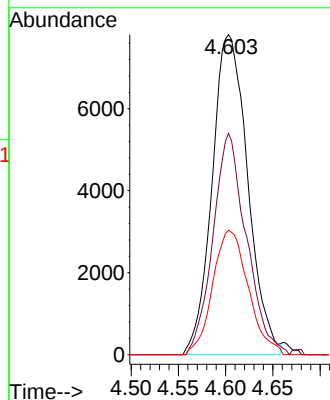
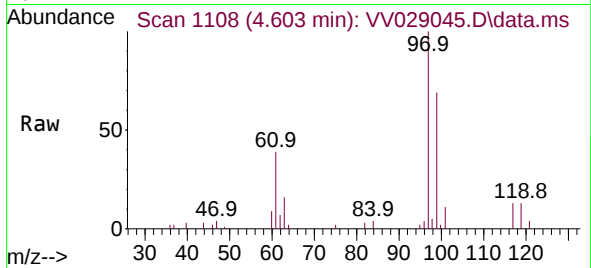
Tgt Ion: 97 Resp: 20448

Ion Ratio Lower Upper

97 100

99 64.9 52.7 79.1

61 38.9 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.108 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.215 min

Lab File: VV029045.D

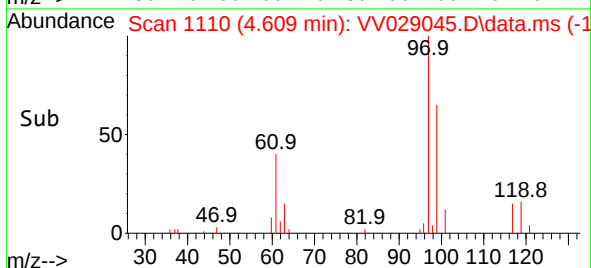
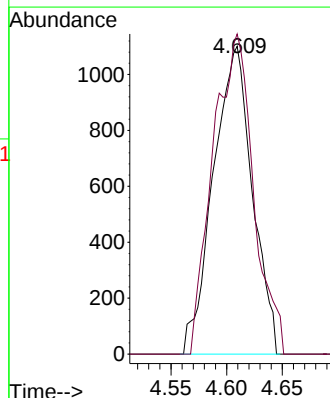
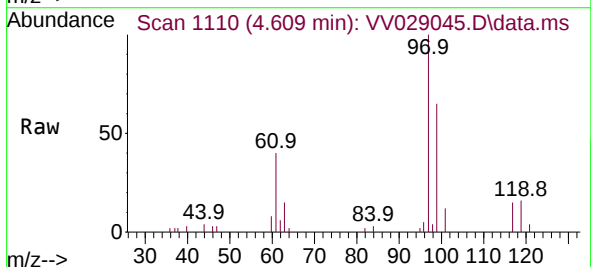
Acq: 17 Nov 2022 03:02

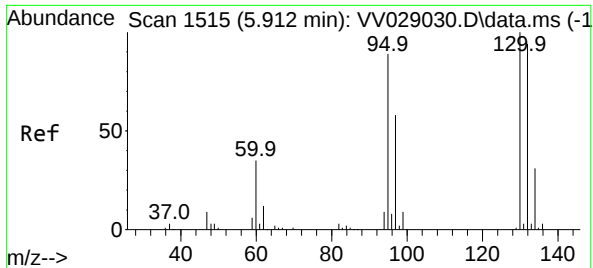
Tgt Ion: 117 Resp: 2682

Ion Ratio Lower Upper

117 100

119 108.3 77.0 115.6



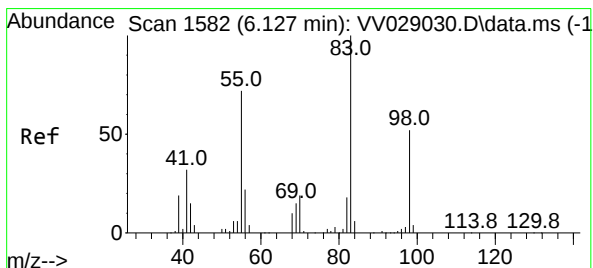
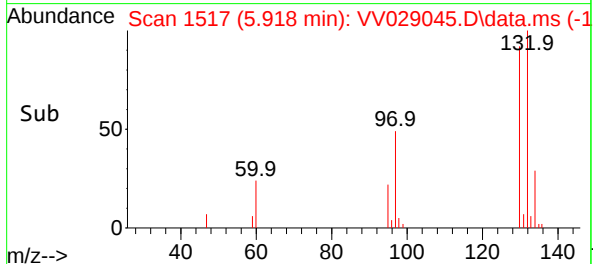
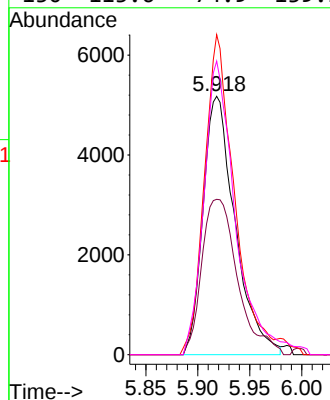
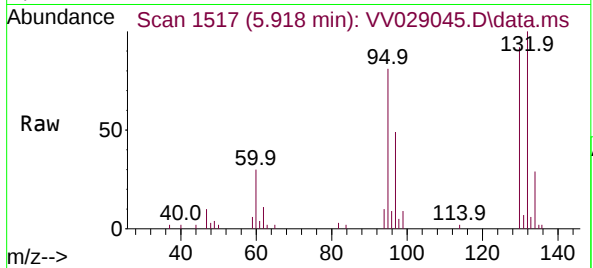


#34
Trichloroethene
Concen: 0.577 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Instrument :
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ClientSampleId :
H0AA3DL

Tgt Ion: 95 Resp: 11078

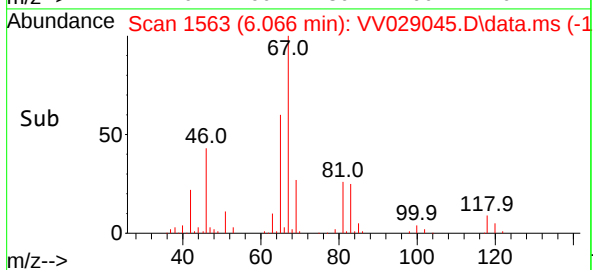
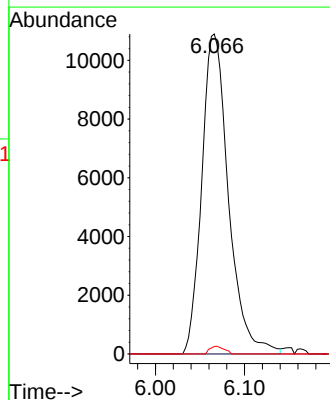
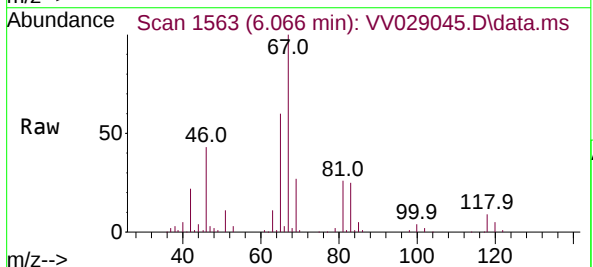
Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.6	84.8
132	123.8	69.1	128.3
130	113.6	74.9	139.1

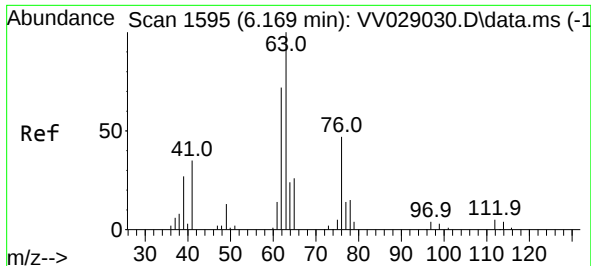


#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Tgt Ion: 83 Resp: 22723

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	1.3	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029045.D

Acq: 17 Nov 2022 03:02

Instrument :

MSVOA_V

ClientSampleId :

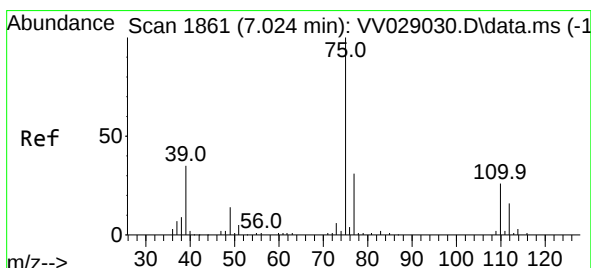
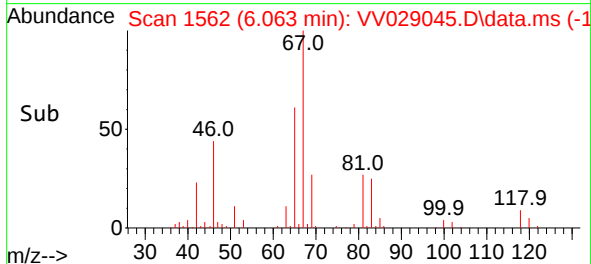
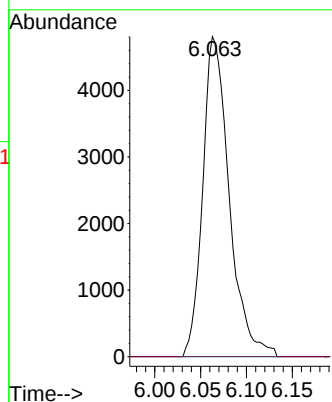
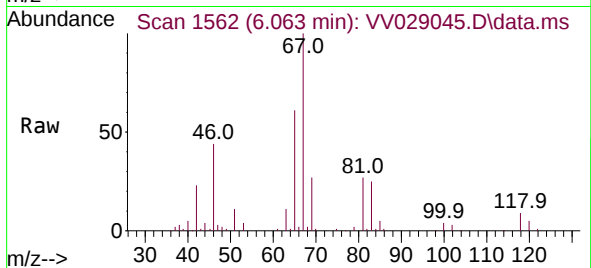
H0AA3DL

Tgt Ion: 63 Resp: 9651

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV029045.D

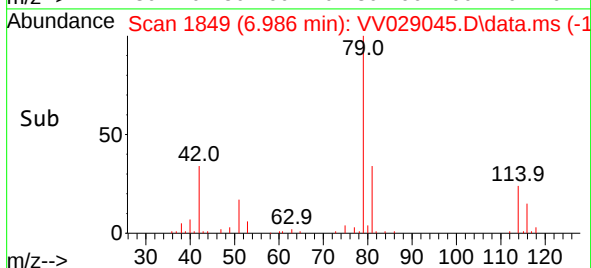
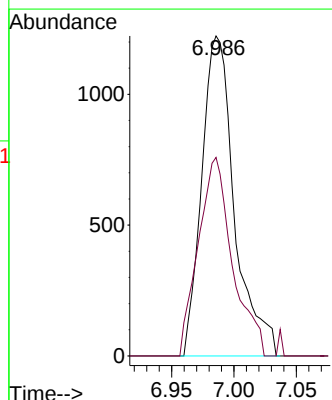
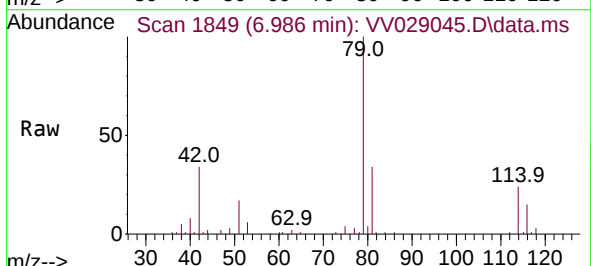
Acq: 17 Nov 2022 03:02

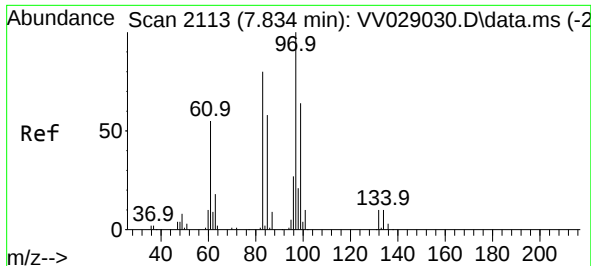
Tgt Ion: 75 Resp: 2236

Ion Ratio Lower Upper

75 100

77 62.1 21.8 40.6#

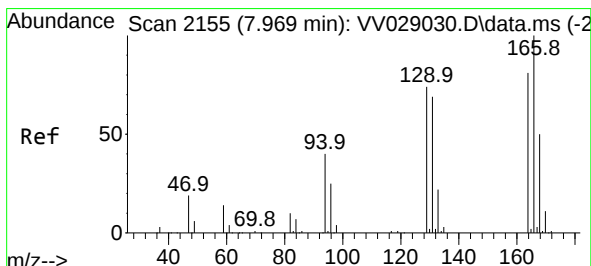
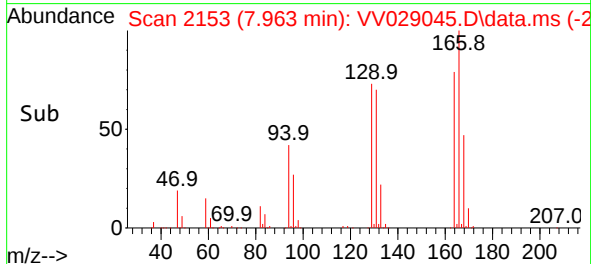
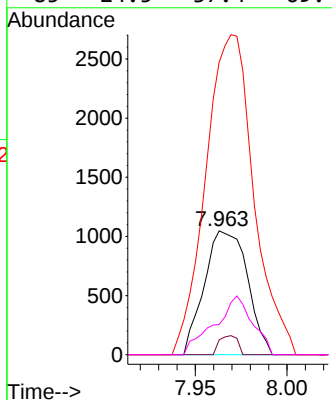
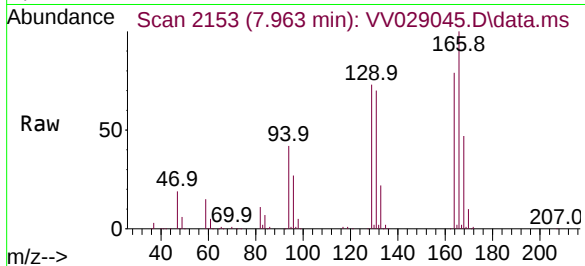




#45
1,1,2-Trichloroethane
Concen: 0.151 ug/L
RT: 7.963 min Scan# 2113
Delta R.T. 0.129 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

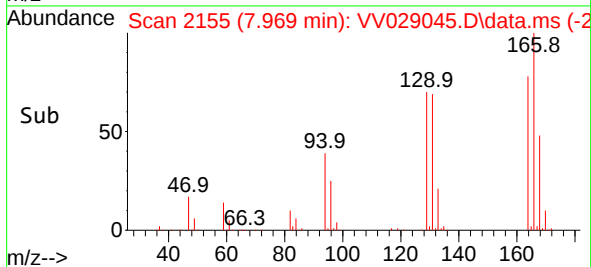
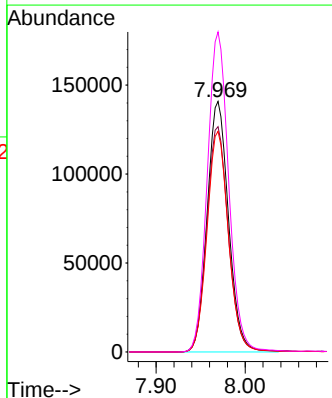
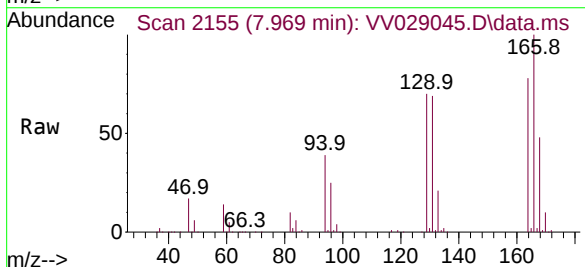
Instrument :
MSVOA_V
ClientSampleId :
H0AA3DL

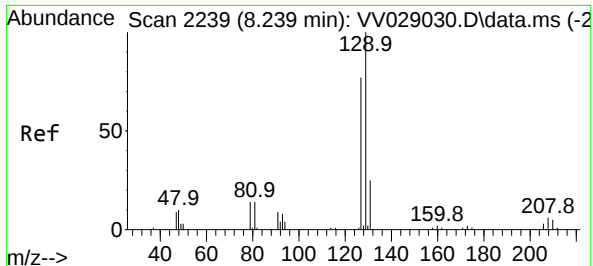
Tgt Ion:	97	Resp:	1712
Ion	Ratio	Lower	Upper
97	100		
99	12.0	41.5	77.1#
83	236.2	60.0	111.4#
85	24.5	37.4	69.4#



#47
Tetrachloroethene
Concen: 15.276 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029045.D
Acq: 17 Nov 2022 03:02

Tgt Ion:	164	Resp:	234881
Ion	Ratio	Lower	Upper
164	100		
129	89.9	63.9	118.7
131	88.0	61.8	114.8
166	127.7	90.2	167.4





#49

Dibromochloromethane

Concen: 15.087 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029045.D

Acq: 17 Nov 2022 03:02

Instrument :

MSVOA_V

ClientSampleId :

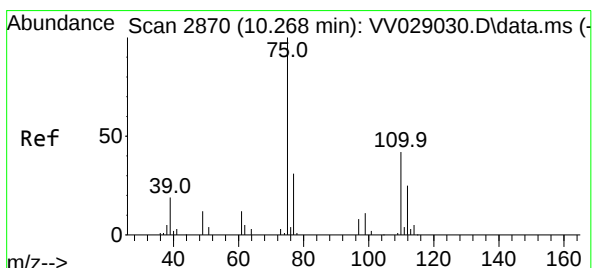
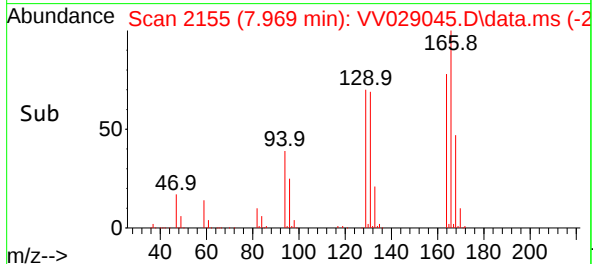
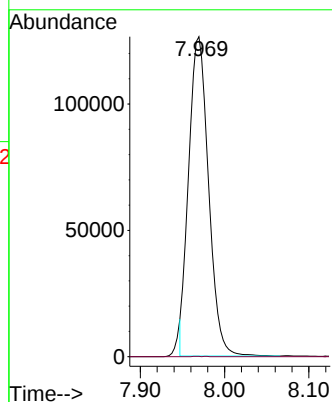
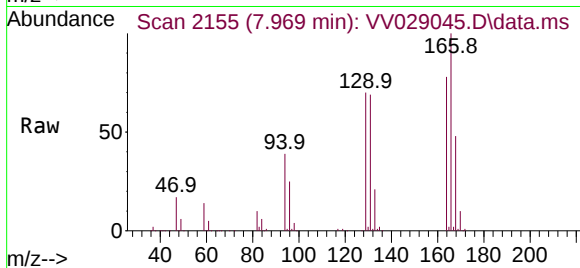
H0AA3DL

Tgt Ion:129 Resp: 206526

Ion Ratio Lower Upper

129 100

127 0.1 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.467 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029045.D

Acq: 17 Nov 2022 03:02

Tgt Ion: 75 Resp: 11499

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 3.0 32.6 48.8#

