

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029830.D
 Acq On : 14 Jan 2023 00:17
 Operator : SY/MD
 Sample : 01136-05 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

Quant Time: Jan 14 01:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	203806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	202932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	106230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70141	4.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.564	69	64952	5.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.098	63	96213	3.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.889	46	137261	50.097	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.200%
24) Chloroform-d	4.339	84	141519	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.024	65	63145	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.040	84	292850	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.063	67	90091	5.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.307	98	252843	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.616	79	28219	4.386	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	127032	48.496	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65960	5.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	96823	5.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	10424	0.522	ug/L	99
5) Vinyl chloride	1.310	62	1233	0.063	ug/L #	1
6) Bromomethane	1.519	94	4333	0.455	ug/L	98
8) Chloroethane	1.580	64	1792	0.151	ug/L	96
13) Acetone	2.178	43	9035	4.620	ug/L	95
14) Carbon disulfide	2.285	76	2982	0.060	ug/L	96
15) Methyl Acetate	2.436	43	4525	0.889	ug/L	93
16) Methylene chloride	2.500	84	57516	2.661	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	4125	0.137	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	1059	0.065	ug/L	95
19) 1,1-Dichloroethane	3.182	63	23480	0.868	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	503	0.029	ug/L #	18
35) Methylcyclohexane	6.059	83	21544	0.750	ug/L #	20
37) 1,2-Dichloropropane	6.059	63	9161	0.583	ug/L #	85
53) m,p-Xylene	9.133	106	1459	0.049	ug/L	64
61) 1,2,3-Trichloropropane	11.236	75	11769	1.496	ug/L #	65

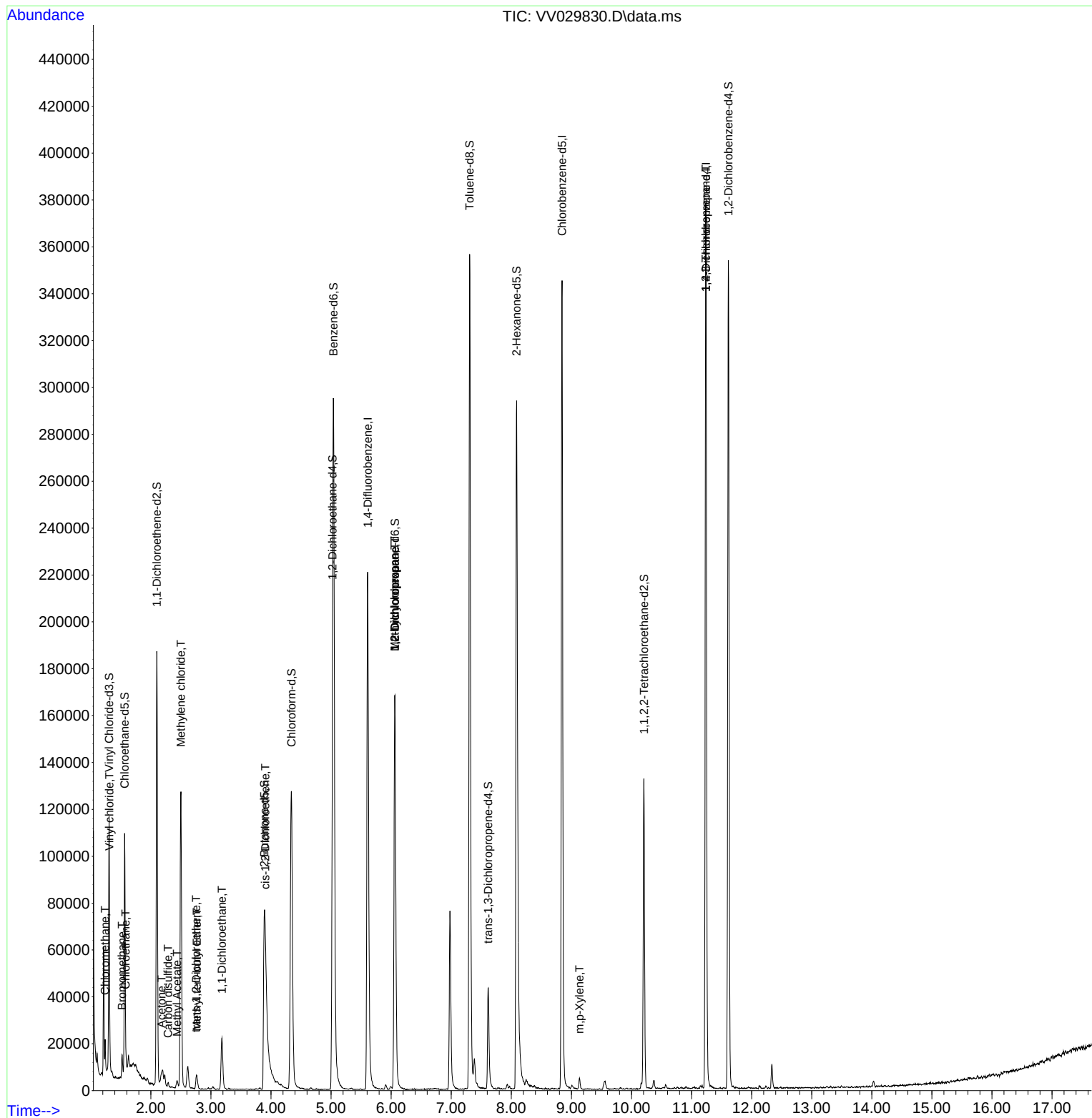
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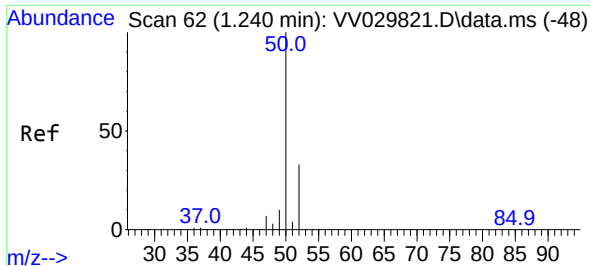
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

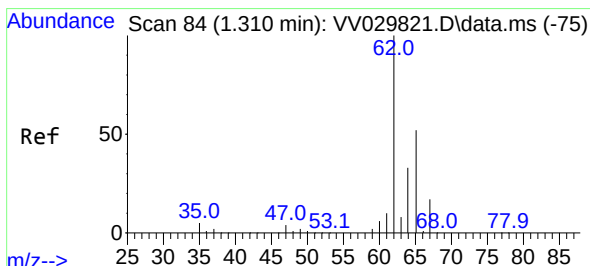
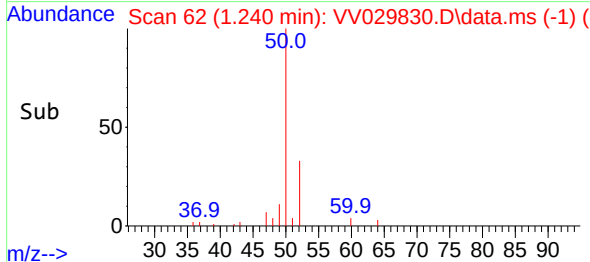
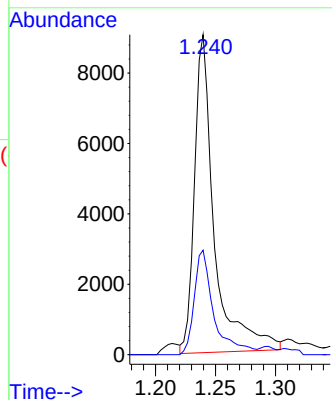
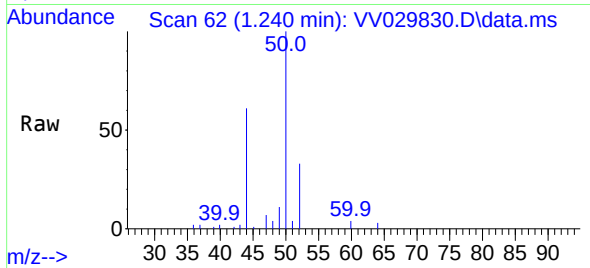




#3
Chloromethane
Concen: 0.522 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

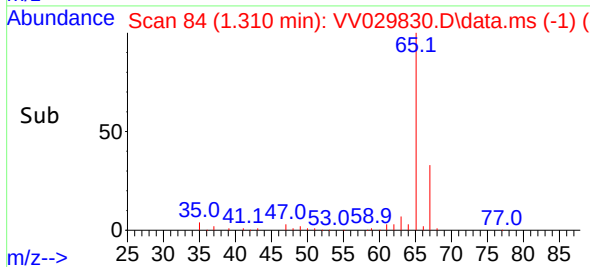
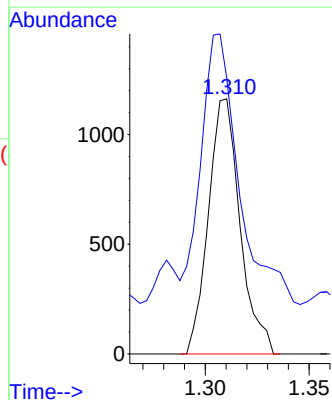
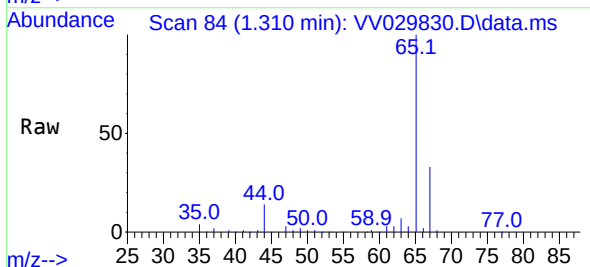
Instrument :
MSVOA_V
ClientSampleId :
BGJB8

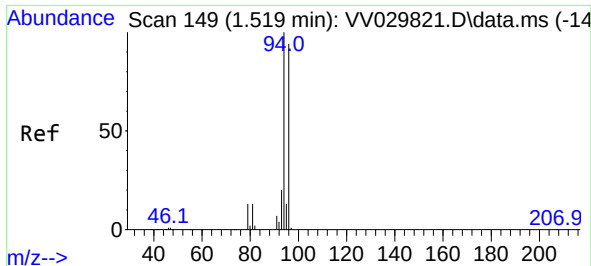
Tgt Ion: 50 Resp: 10424
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9



#5
Vinyl chloride
Concen: 0.063 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

Tgt Ion: 62 Resp: 1233
Ion Ratio Lower Upper
62 100
64 108.1 23.2 43.2#

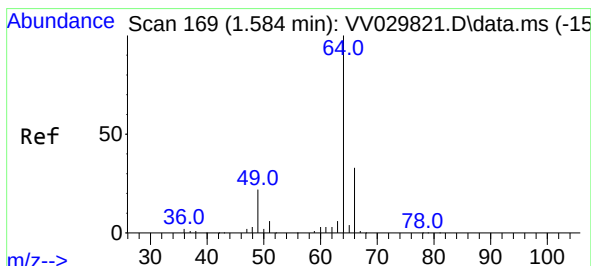
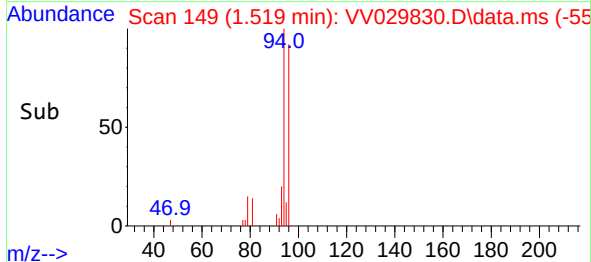
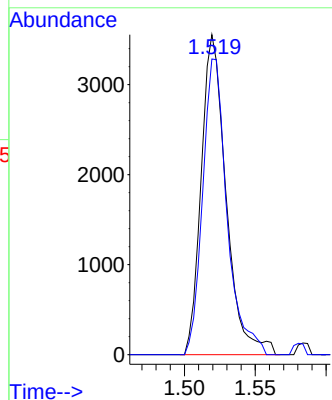
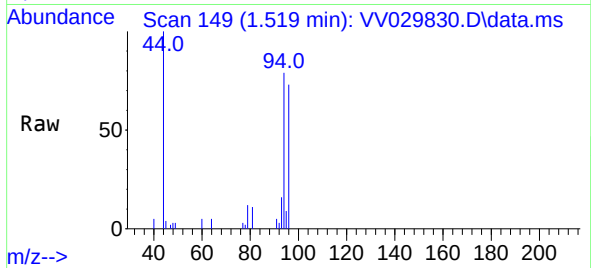




#6
Bromomethane
Concen: 0.455 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

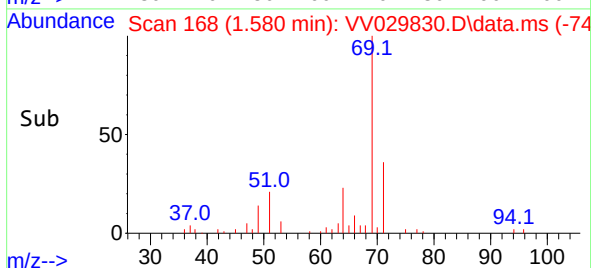
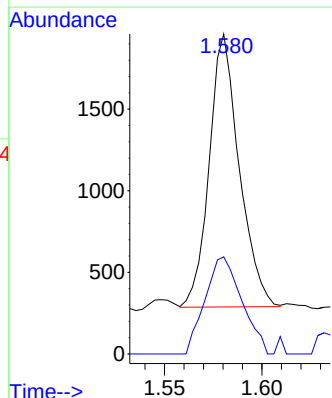
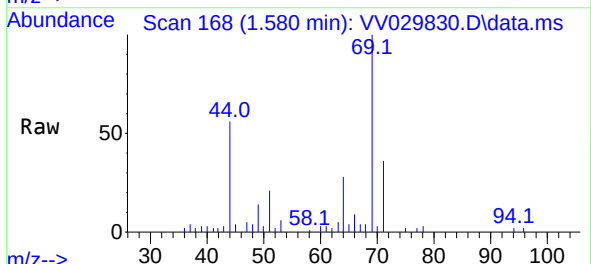
Instrument :
MSVOA_V
ClientSampleId :
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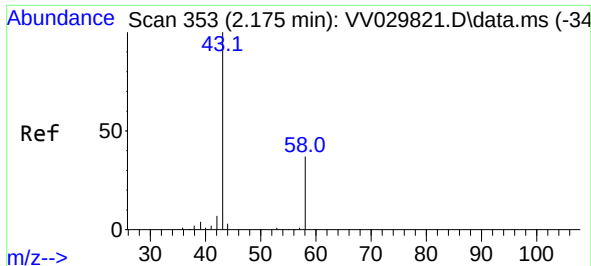
Tgt Ion: 94 Resp: 4333
Ion Ratio Lower Upper
94 100
96 92.4 65.9 122.5



#8
Chloroethane
Concen: 0.151 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

Tgt Ion: 64 Resp: 1792
Ion Ratio Lower Upper
64 100
66 30.3 22.9 42.5





#13

Acetone

Concen: 4.620 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV029830.D

Acq: 14 Jan 2023 00:17

Instrument :

MSVOA_V

ClientSampleId :

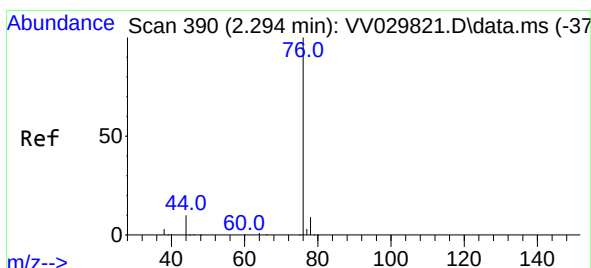
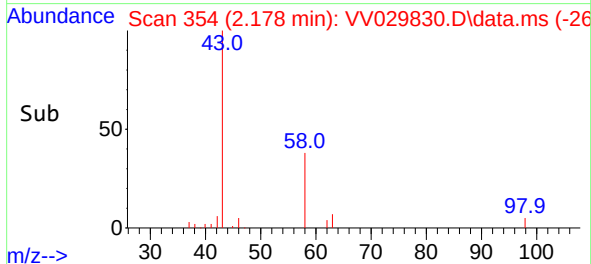
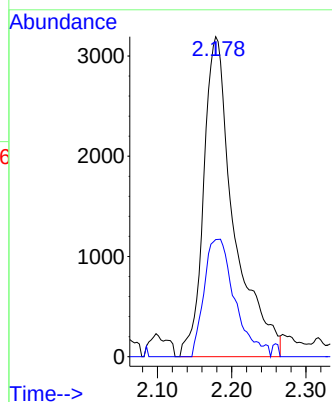
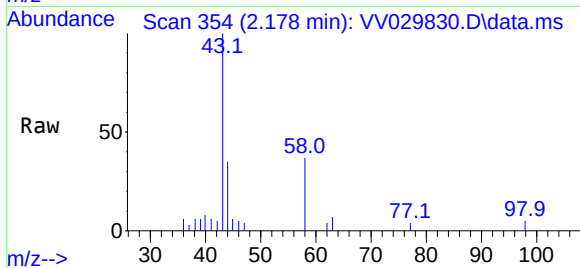
BGJB8

Tgt Ion: 43 Resp: 9035

Ion Ratio Lower Upper

43 100

58 37.3 0.0 68.8



#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV029830.D

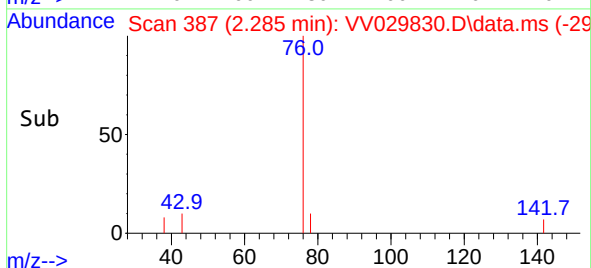
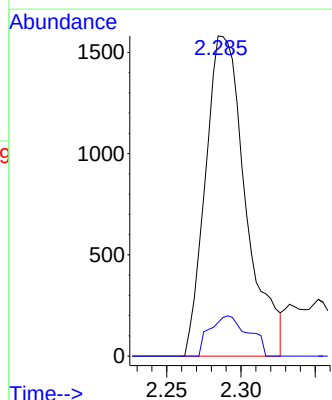
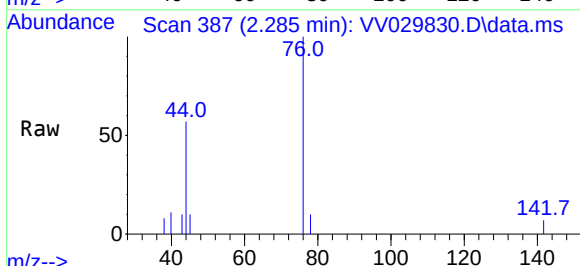
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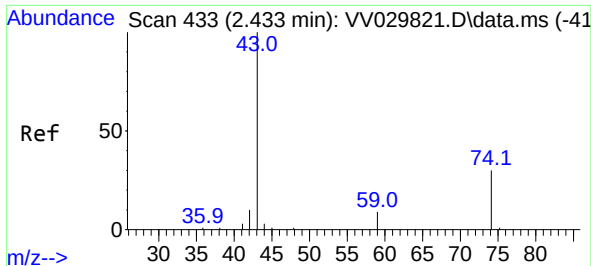
Tgt Ion: 76 Resp: 2982

Ion Ratio Lower Upper

76 100

78 10.5 7.4 11.0

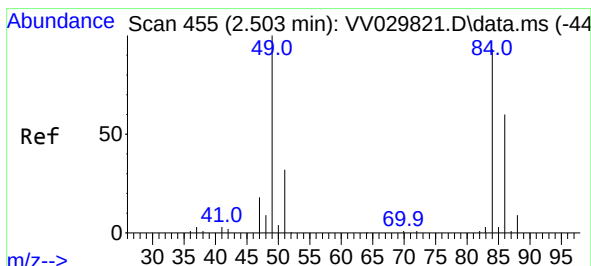
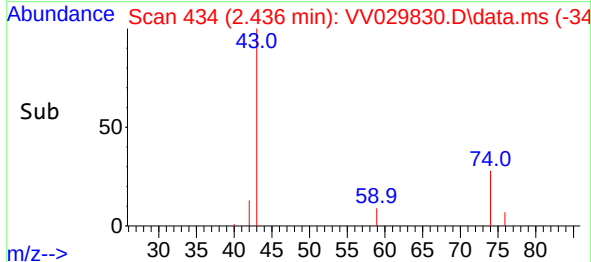
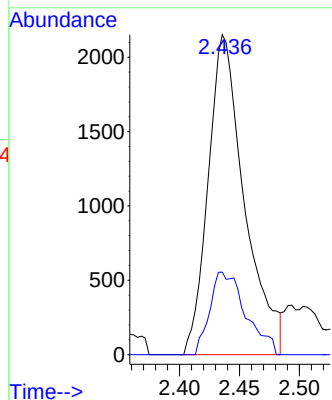
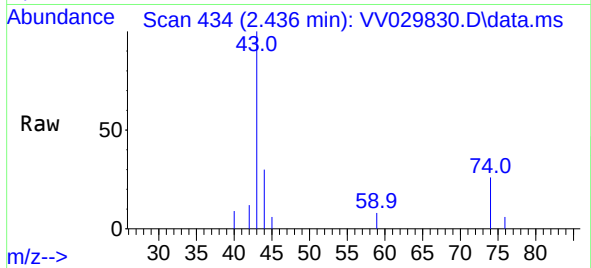




#15
Methyl Acetate
Concen: 0.889 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

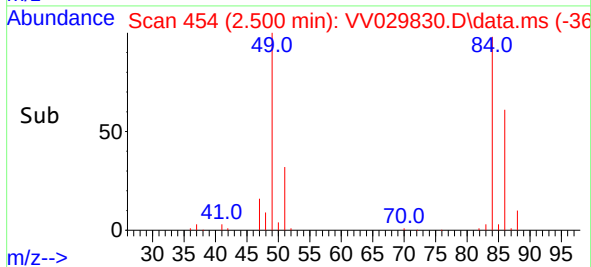
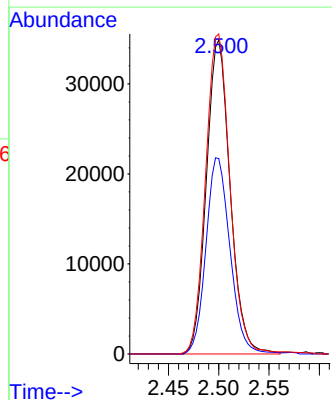
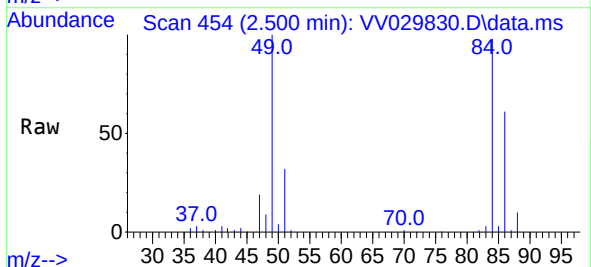
Instrument :
MSVOA_V
ClientSampleId :
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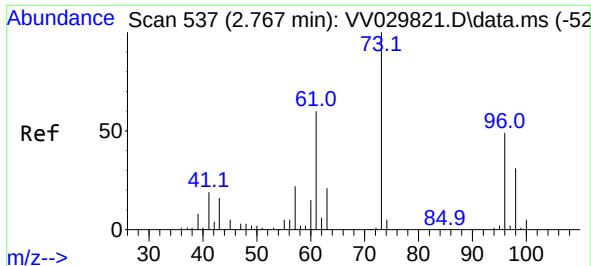
Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
74 25.6 23.4 35.0



#16
Methylene chloride
Concen: 2.661 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

Tgt Ion: 84 Resp: 57516
Ion Ratio Lower Upper
84 100
86 62.2 45.0 83.6
49 101.9 71.5 132.7

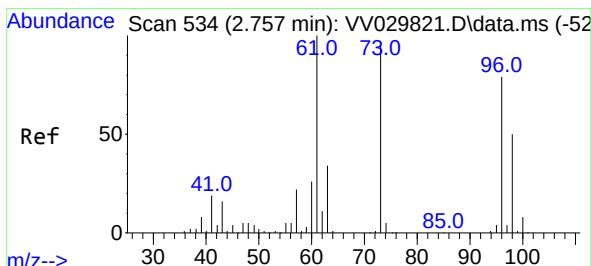
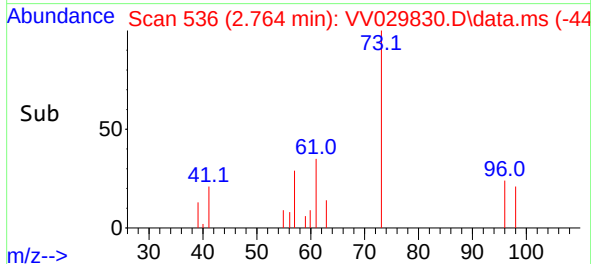
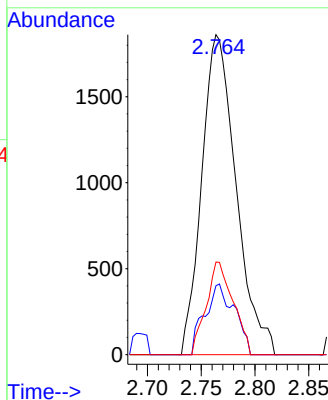
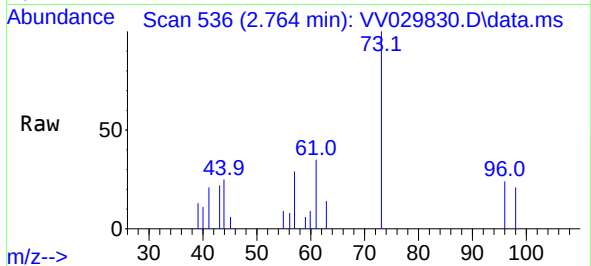




#17
Methyl tert-butyl Ether
Concen: 0.137 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

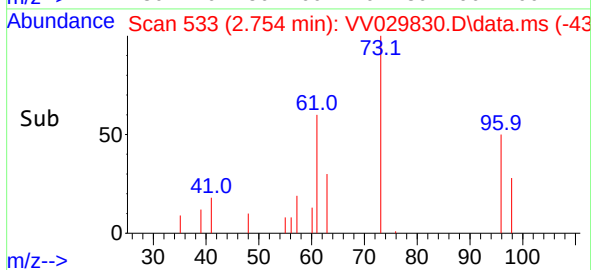
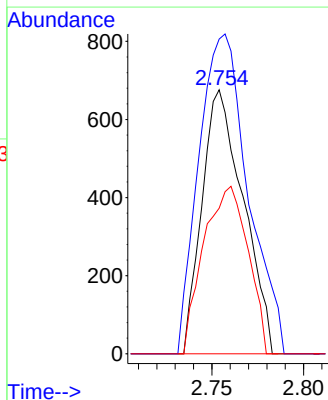
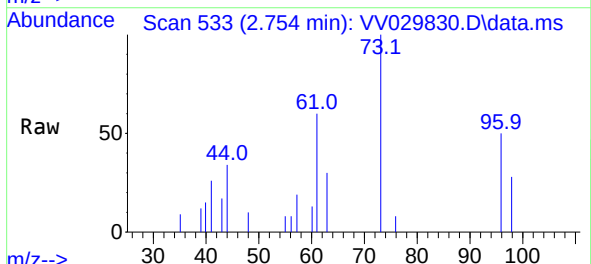
Instrument :
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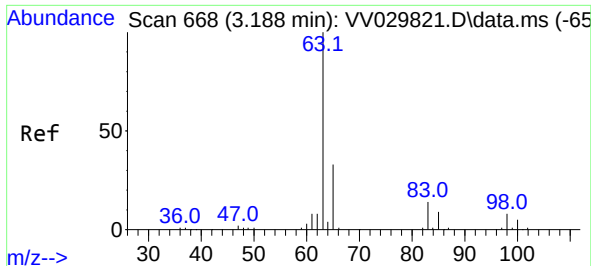
Tgt Ion: 73	Resp:	4125
Ion	Ratio	Lower Upper
73	100	
43	19.1	13.0 19.4
57	22.7	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029830.D
Acq: 14 Jan 2023 00:17

Tgt Ion: 96	Resp:	1059
Ion	Ratio	Lower Upper
96	100	
61	119.2	86.1 159.9
98	55.2	43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.868 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029830.D

Acq: 14 Jan 2023 00:17

Instrument :

MSVOA_V

ClientSampleId :

BGJB8

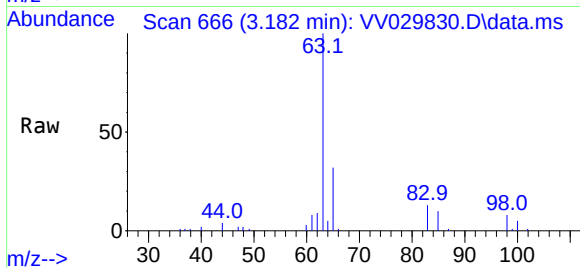
Tgt Ion: 63 Resp: 23480

Ion Ratio Lower Upper

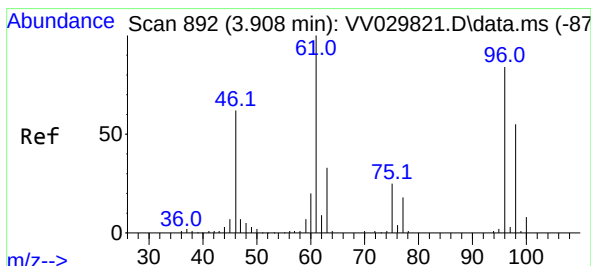
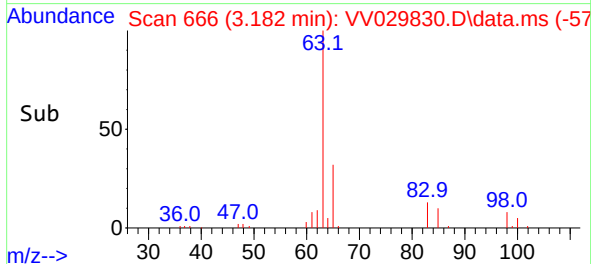
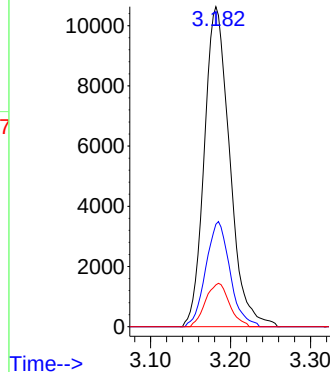
63 100

65 32.0 22.4 41.6

83 13.1 10.2 19.0



Abundance



#22

cis-1,2-Dichloroethene

Concen: 0.029 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029830.D

Acq: 14 Jan 2023 00:17

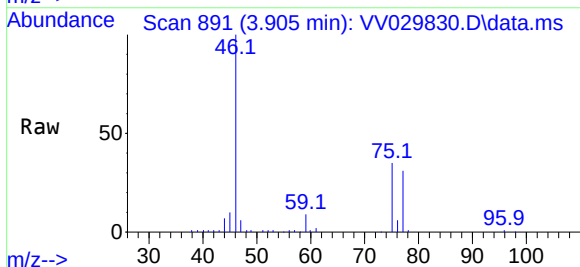
Tgt Ion: 96 Resp: 503

Ion Ratio Lower Upper

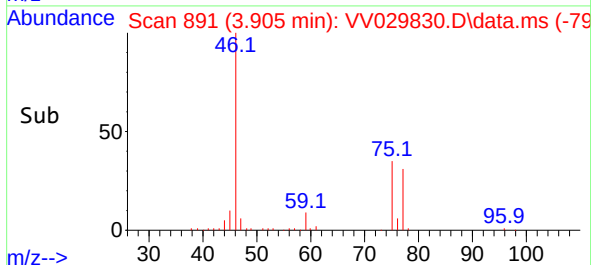
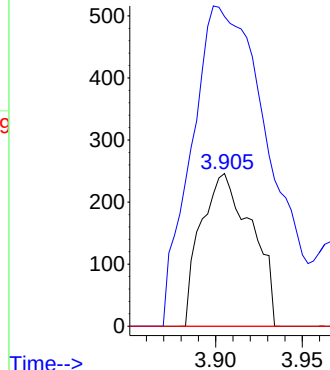
96 100

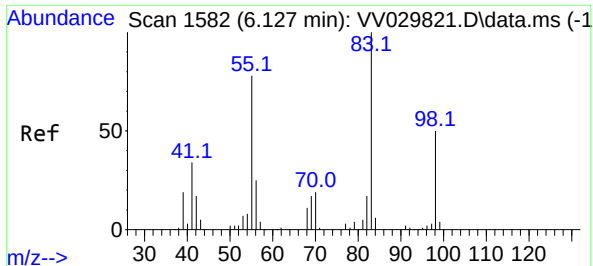
61 202.8 80.0 148.6#

68 0.0 0.0 0.0



Abundance





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.061 min

Lab File: VV029830.D

Acq: 14 Jan 2023 00:17

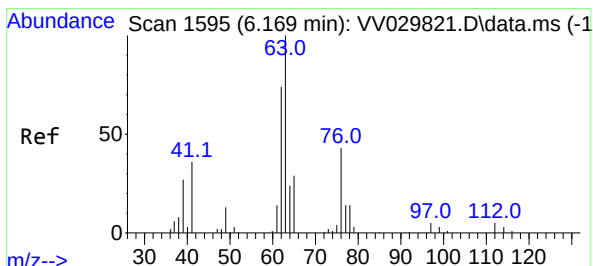
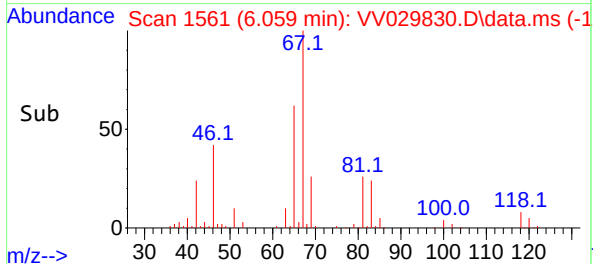
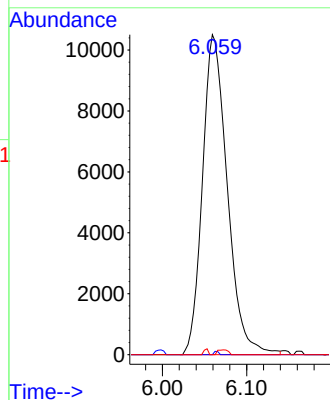
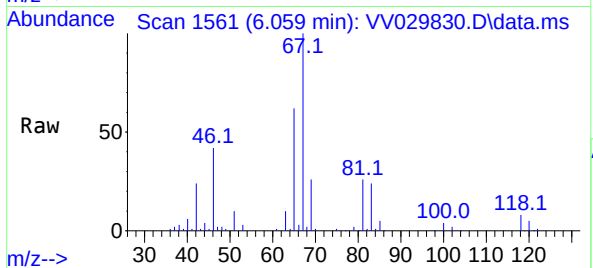
Instrument :

MSVOA_V

ClientSampleId :

BGJB8

Tgt Ion:	83	Resp:	21544
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.3	85.9#
98	0.3	39.0	58.6#



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

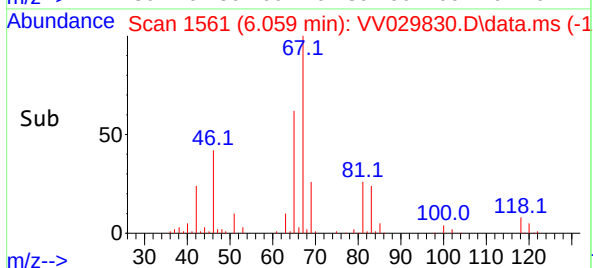
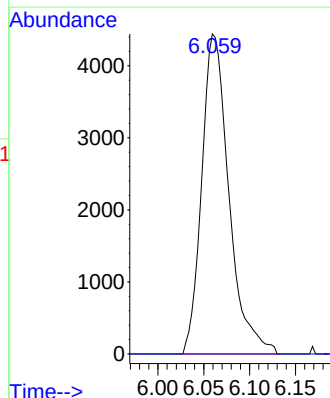
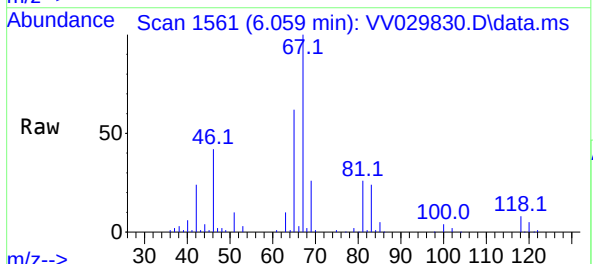
RT: 6.059 min Scan# 1561

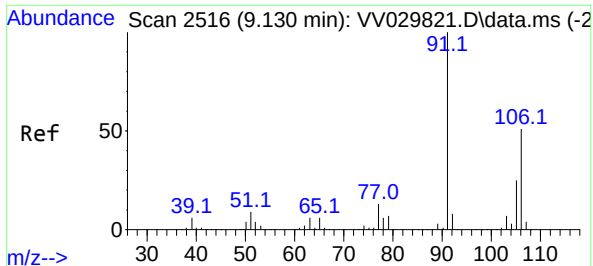
Delta R.T. -0.103 min

Lab File: VV029830.D

Acq: 14 Jan 2023 00:17

Tgt Ion:	63	Resp:	9161
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#

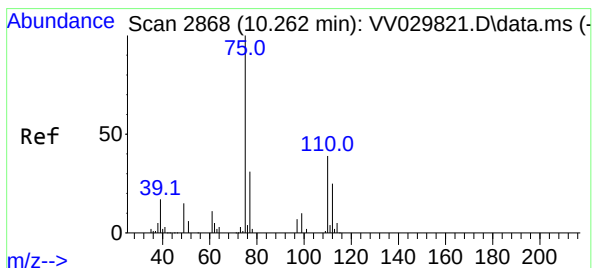
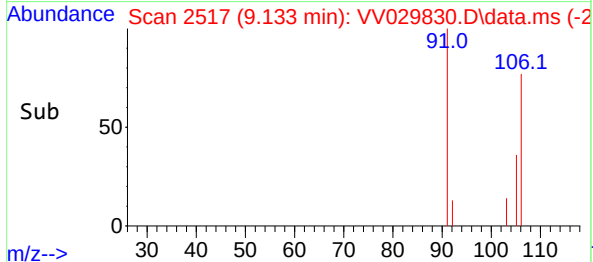
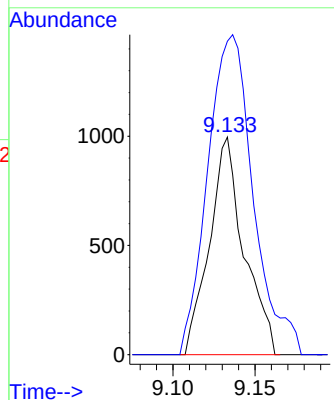
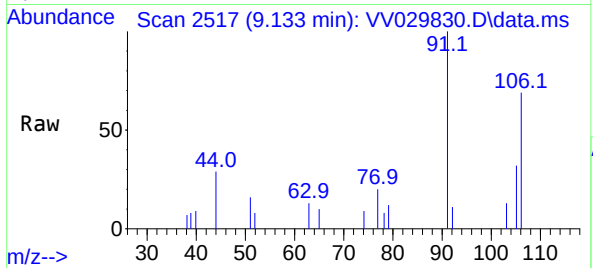




#53
 m,p-Xylene
 Concen: 0.049 ug/L
 RT: 9.133 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029830.D
 Acq: 14 Jan 2023 00:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

Tgt Ion:106 Resp: 1459
 Ion Ratio Lower Upper
 106 100
 91 144.1 138.7 257.7



#61
 1,2,3-Trichloropropane
 Concen: 1.496 ug/L
 RT: 11.236 min Scan# 3171
 Delta R.T. 0.974 min
 Lab File: VV029830.D
 Acq: 14 Jan 2023 00:17

Tgt Ion: 75 Resp: 11769
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.5 39.7
 110 1.9 31.8 47.8#

