

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029046.D
 Acq On : 17 Nov 2022 03:27
 Operator : SY/MD
 Sample : N5592-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA8DL

Quant Time: Nov 17 05:37:32 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)

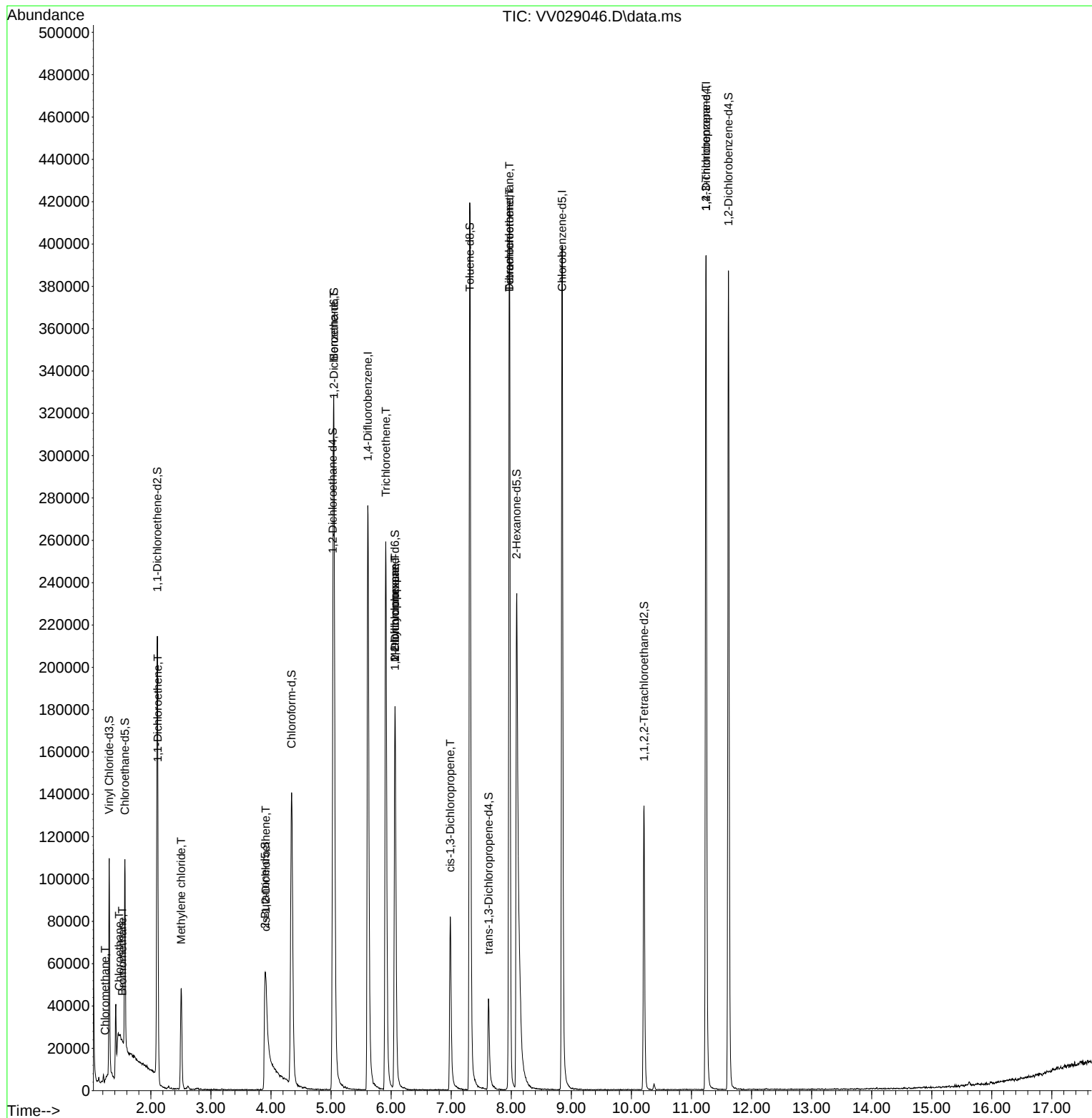
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	268736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	115211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70957	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.568	69	58824	4.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.108	63	98635	3.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.902	46	103532	37.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.500%
24) Chloroform-d	4.342	84	155590	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.031	65	71091	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.047	84	328776	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	94319	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	310819	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.622	79	30408	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	128255	44.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.340%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68162	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	110604	5.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	743	0.040	ug/L	98
6) Bromomethane	1.523	94	529	0.042	ug/L	87
8) Chloroethane	1.474	64	38778	3.112	ug/L #	53
12) 1,1-Dichloroethene	2.117	96	10349	0.636	ug/L #	1
16) Methylene chloride	2.507	84	22789	1.083	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	2334	0.122	ug/L	84
27) 1,2-Dichloroethane	5.050	62	1597	0.096	ug/L #	70
34) Trichloroethene	5.912	95	96092	4.964	ug/L	97
35) Methylcyclohexane	6.066	83	23629	0.695	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9457	0.542	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1916	0.079	ug/L #	49
47) Tetrachloroethene	7.969	164	100477	6.482	ug/L	99
49) Dibromochloromethane	7.969	129	88785	6.433	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	12139	1.542	ug/L #	64

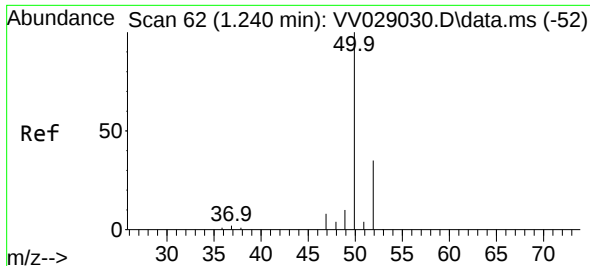
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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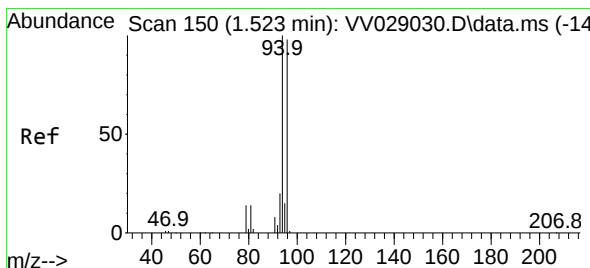
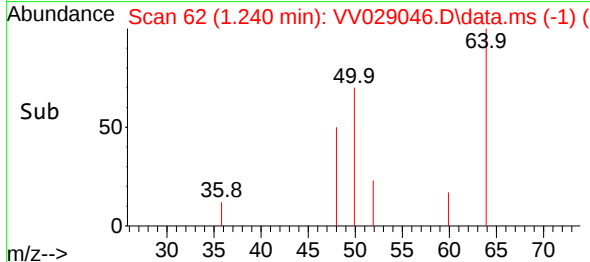
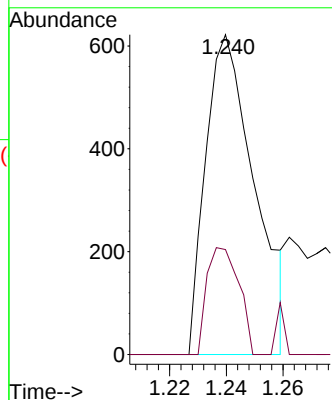
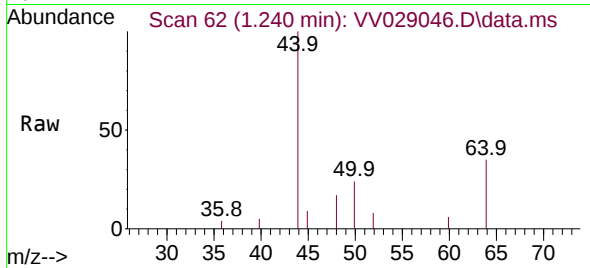




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

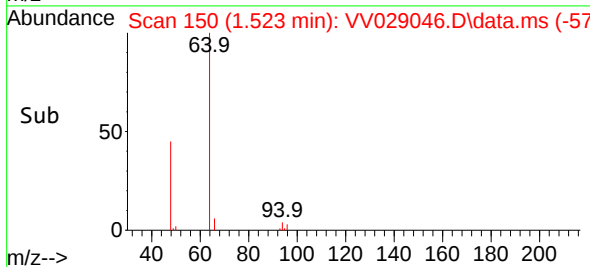
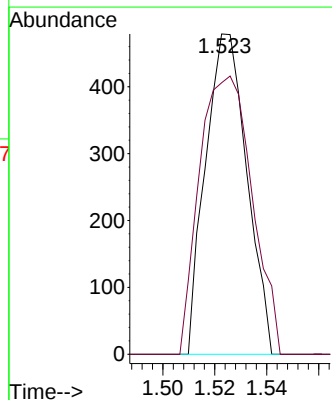
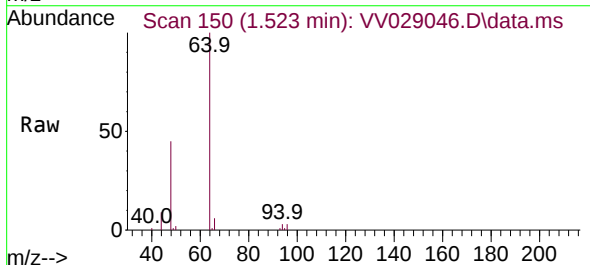
Instrument :
MSVOA_V
ClientSampleId :
H0AA8DL

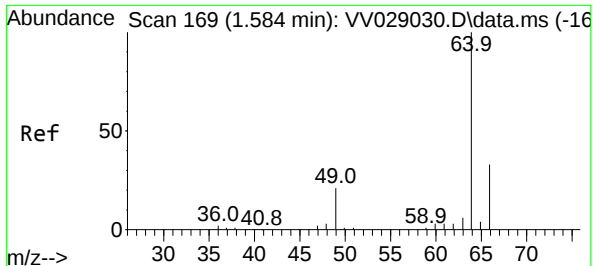
Tgt Ion: 50 Resp: 743
Ion Ratio Lower Upper
50 100
52 32.8 23.7 43.9



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 84.8 68.5 127.3

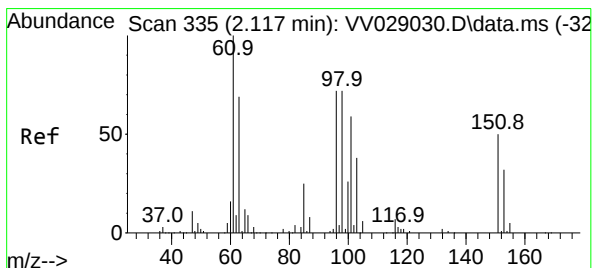
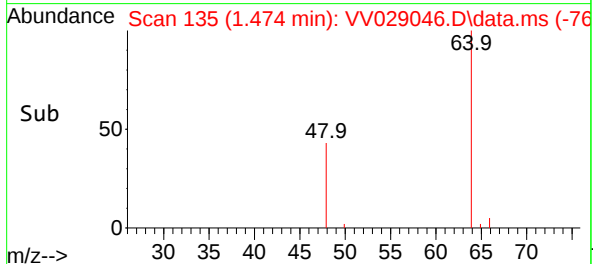
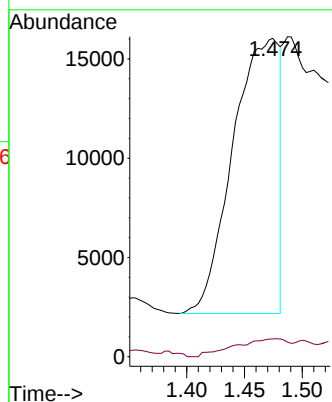
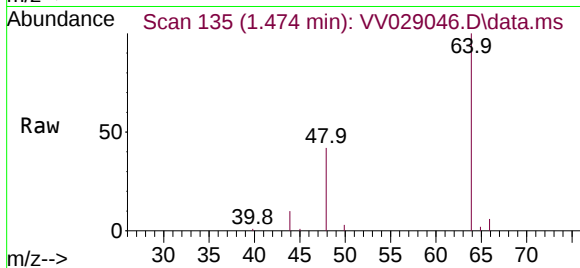




#8
Chloroethane
Concen: 3.112 ug/L
RT: 1.474 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

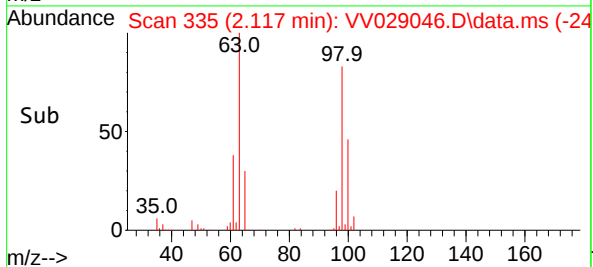
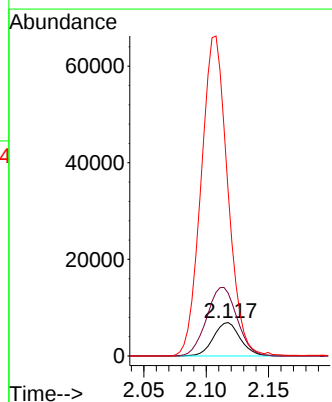
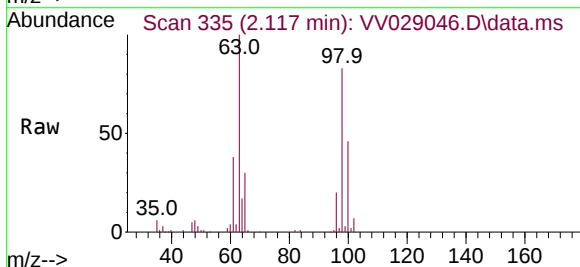
Instrument :
MSVOA_V
ClientSampleId :
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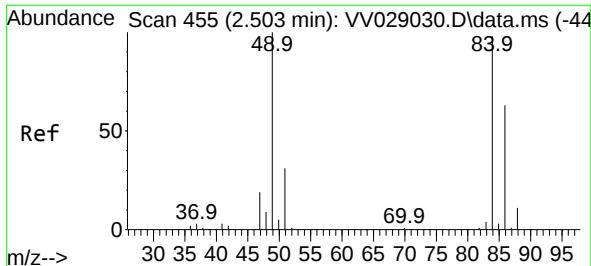
Tgt Ion: 64 Resp: 38778
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.636 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

Tgt Ion: 96 Resp: 10349
Ion Ratio Lower Upper
96 100
61 188.4 104.2 193.4
63 496.7 75.9 140.9#

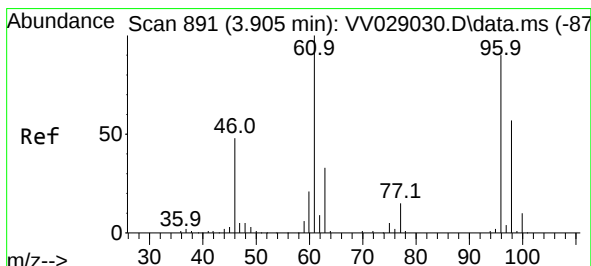
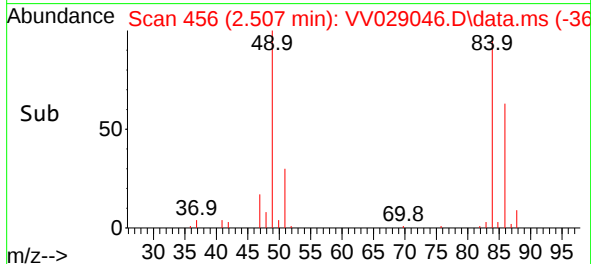
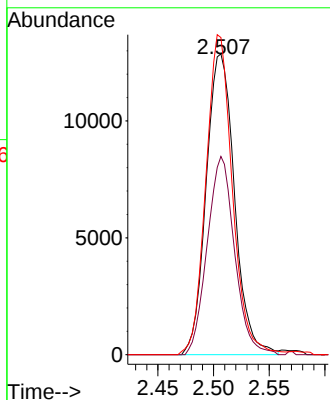
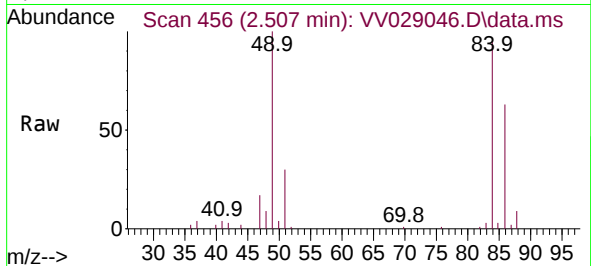




#16
Methylene chloride
Concen: 1.083 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

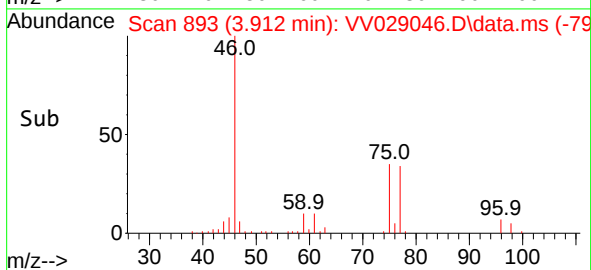
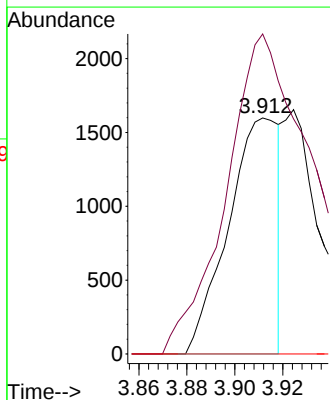
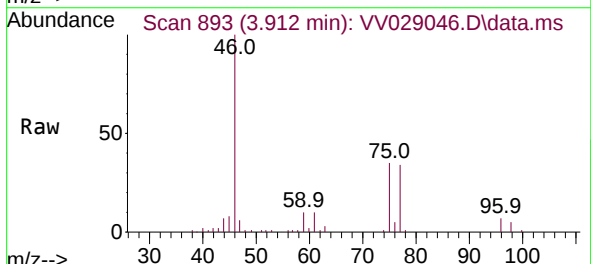
Instrument :
MSVOA_V
ClientSampleId :
H0AA8DL

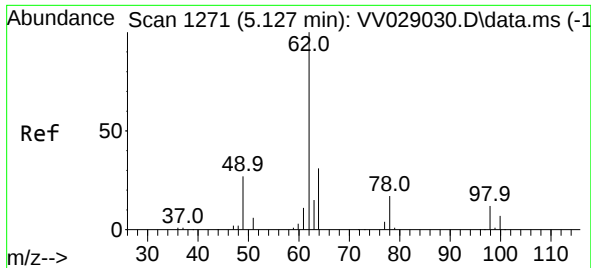
Tgt Ion: 84 Resp: 22789
Ion Ratio Lower Upper
84 100
86 65.9 45.8 85.0
49 105.4 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

Tgt Ion: 96 Resp: 2334
Ion Ratio Lower Upper
96 100
61 135.6 82.3 152.9
68 0.0 0.0 0.0

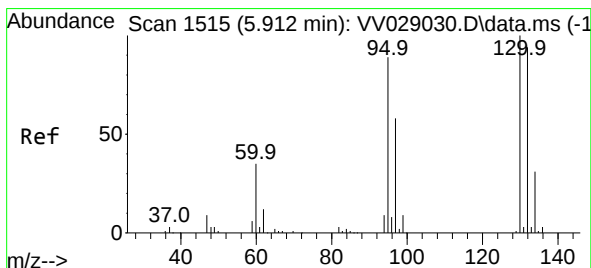
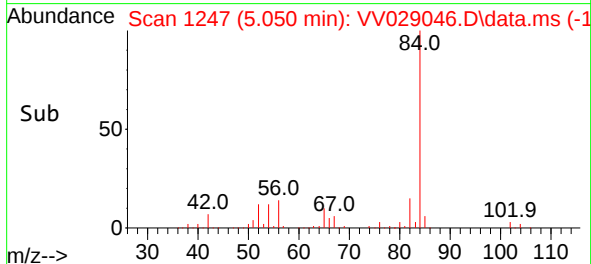
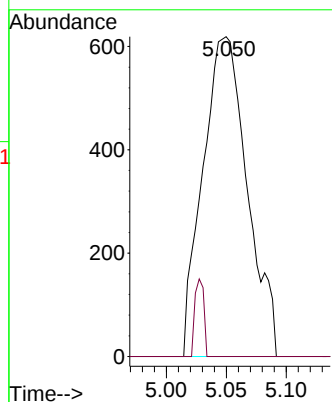
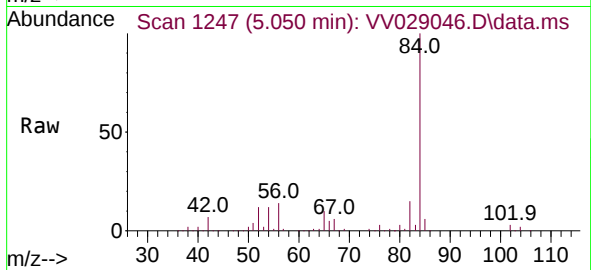




#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

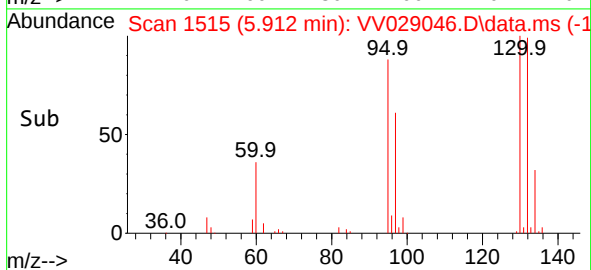
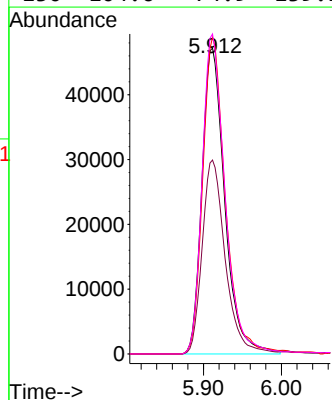
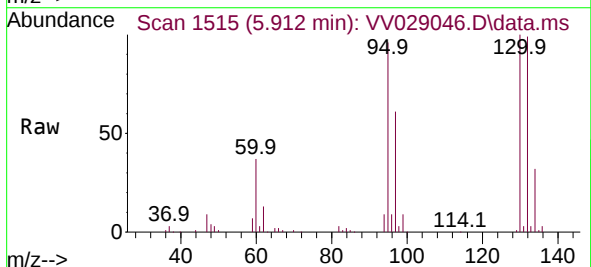
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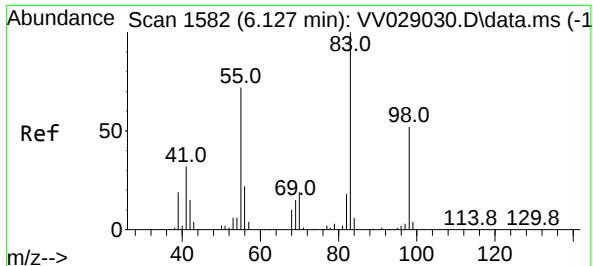
Tgt Ion: 62 Resp: 1597
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#34
Trichloroethene
Concen: 4.964 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV029046.D
Acq: 17 Nov 2022 03:27

Tgt Ion: 95 Resp: 96092
Ion Ratio Lower Upper
95 100
97 63.4 45.6 84.8
132 103.5 69.1 128.3
130 104.6 74.9 139.1





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV029046.D

Acq: 17 Nov 2022 03:27

Instrument :

MSVOA_V

ClientSampleId :

H0AA8DL

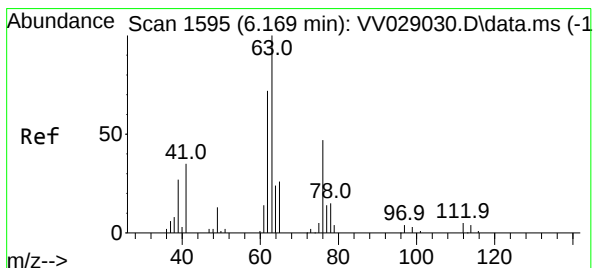
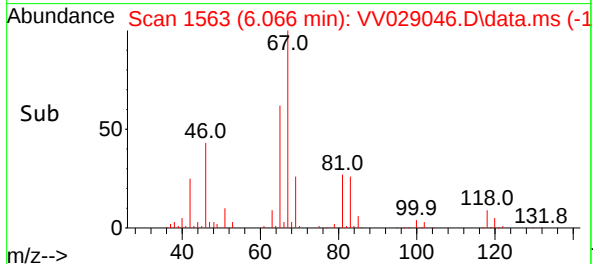
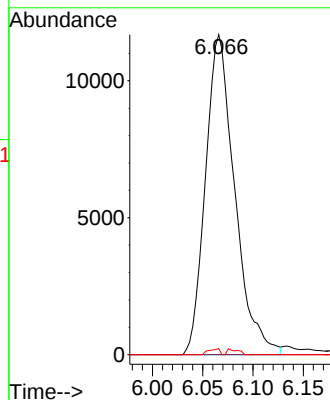
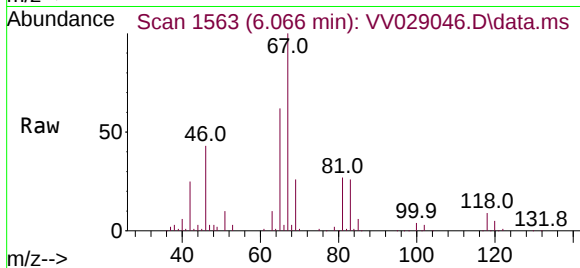
Tgt Ion: 83 Resp: 23629

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV029046.D

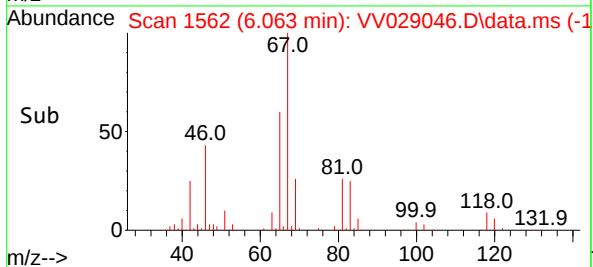
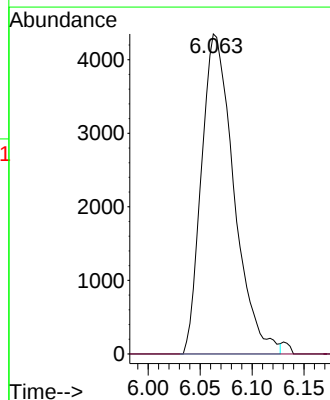
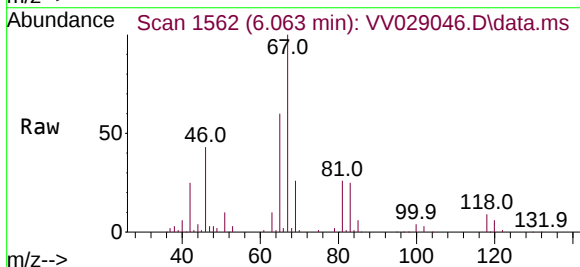
Acq: 17 Nov 2022 03:27

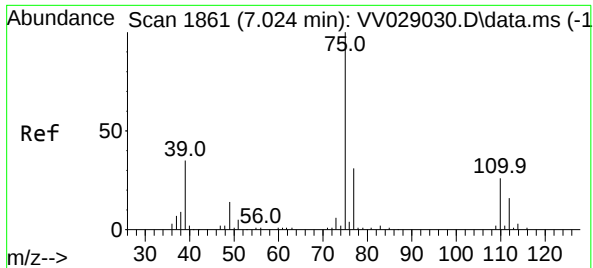
Tgt Ion: 63 Resp: 9457

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV029046.D

Acq: 17 Nov 2022 03:27

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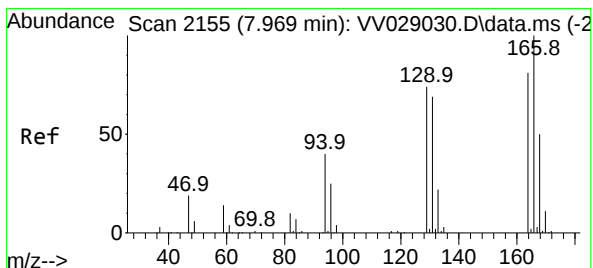
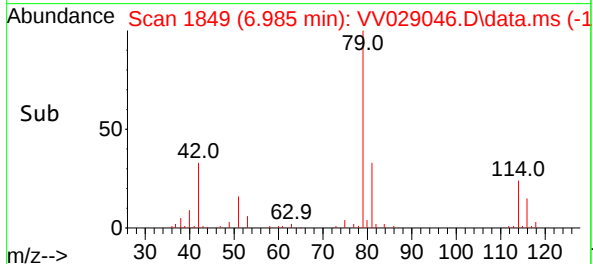
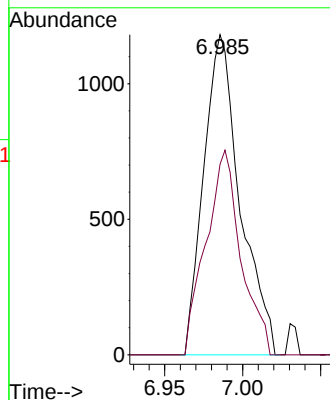
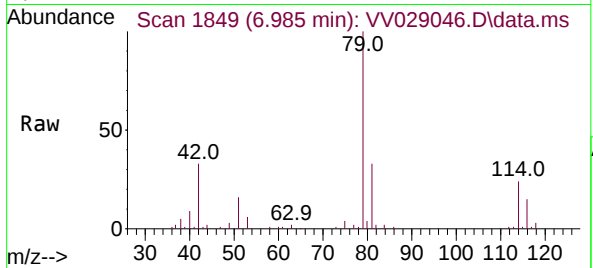
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Tgt Ion: 75 Resp: 1916

Ion Ratio Lower Upper

75 100

77 59.5 21.8 40.6#



#47

Tetrachloroethene

Concen: 6.482 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV029046.D

Acq: 17 Nov 2022 03:27

Tgt Ion:164 Resp: 100477

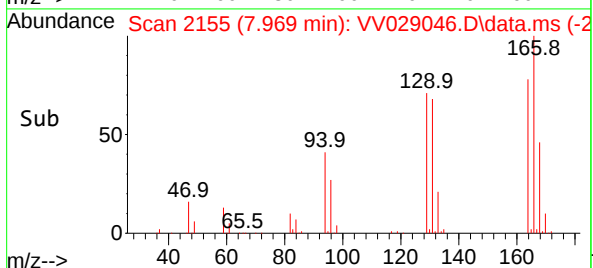
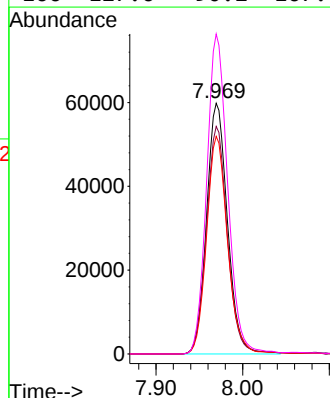
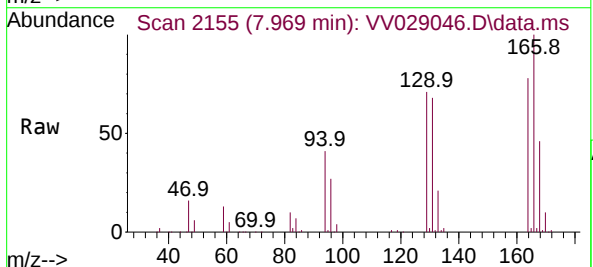
Ion Ratio Lower Upper

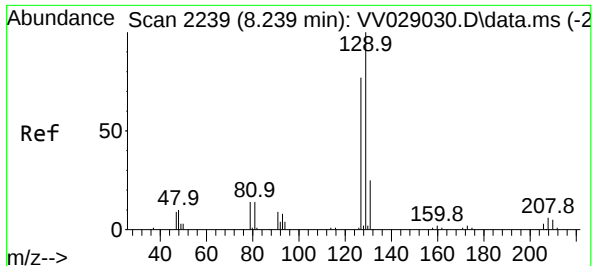
164 100

129 90.7 63.9 118.7

131 86.8 61.8 114.8

166 127.6 90.2 167.4





#49

Dibromochloromethane

Concen: 6.433 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029046.D

Acq: 17 Nov 2022 03:27

Instrument :

MSVOA_V

ClientSampleId :

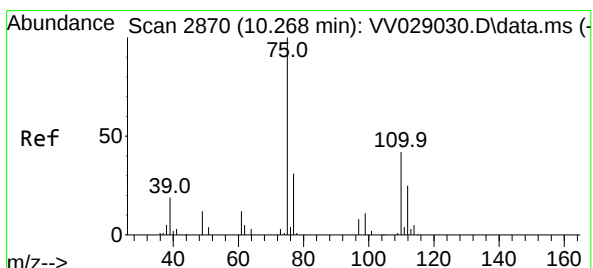
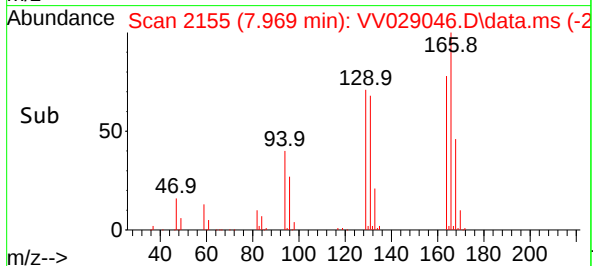
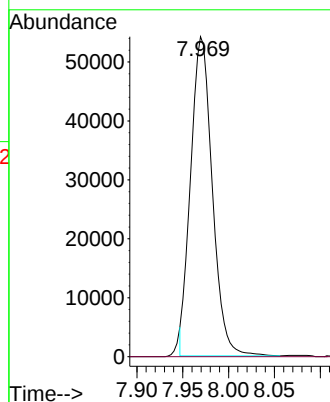
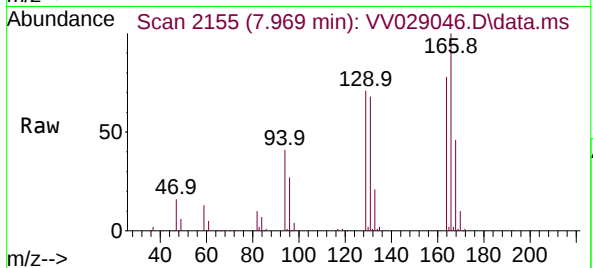
H0AA8DL

Tgt Ion:129 Resp: 88785

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.542 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029046.D

Acq: 17 Nov 2022 03:27

Tgt Ion: 75 Resp: 12139

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

110 1.5 32.6 48.8#

