

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
 Data File : VV029037.D
 Acq On : 16 Nov 2022 23:47
 Operator : SY/MD
 Sample : N5604-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8DL

Quant Time: Nov 17 05:35:28 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)

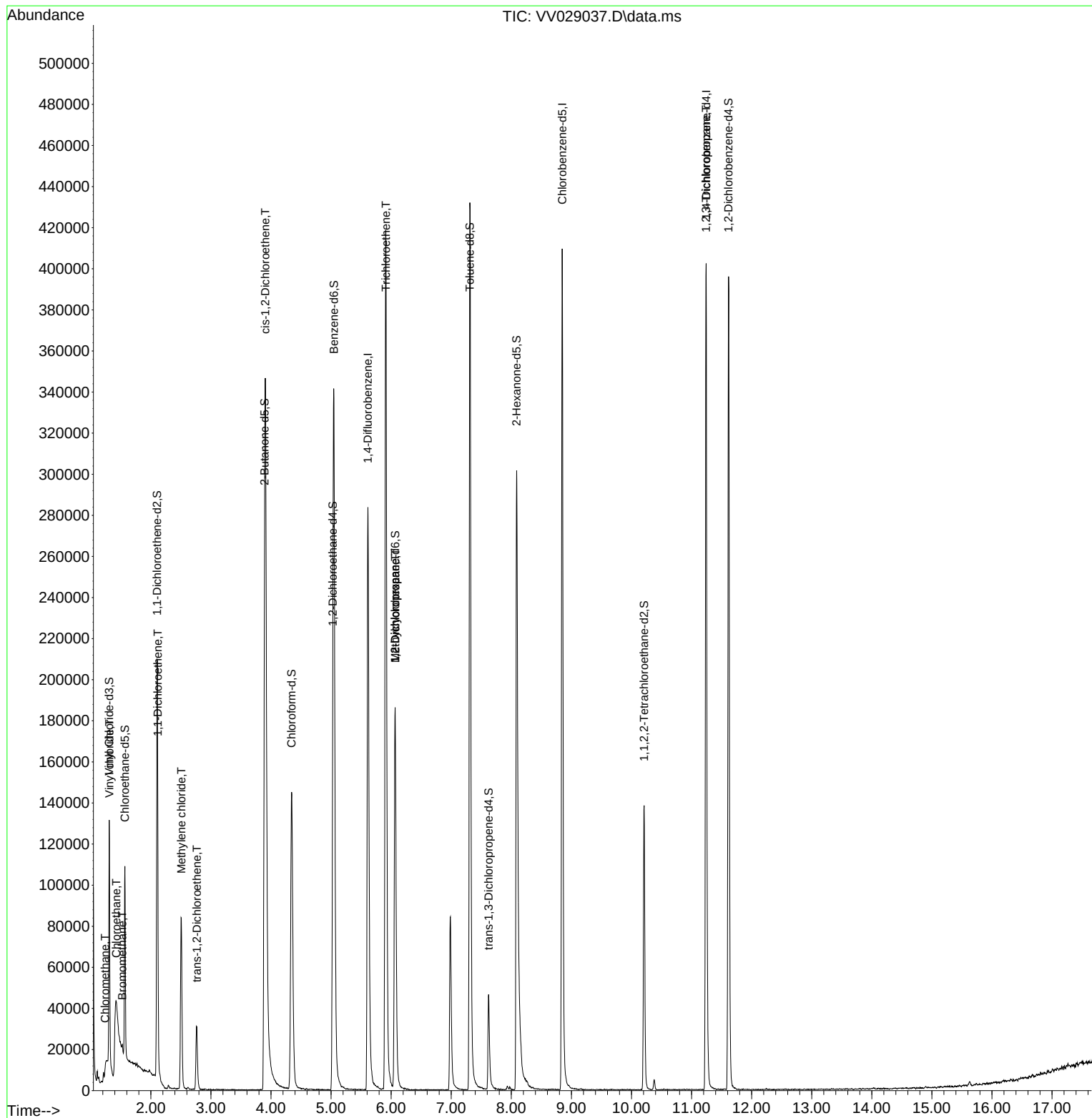
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	272311	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	120266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75674	4.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	58842	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.105	63	100750	3.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.892	46	157608	56.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.420%
24) Chloroform-d	4.342	84	162030	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.027	65	74375	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.047	84	341517	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	96248	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.310	98	318292	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.622	79	30906	4.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.088	63	130396	44.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69979	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	112466	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1229	0.065	ug/L	87
5) Vinyl chloride	1.310	62	10561	0.491	ug/L #	1
6) Bromomethane	1.523	94	901	0.070	ug/L	70
8) Chloroethane	1.426	64	140035	11.089	ug/L #	53
12) 1,1-Dichloroethene	2.114	96	1900	0.115	ug/L #	1
16) Methylene chloride	2.507	84	38814	1.821	ug/L	94
18) trans-1,2-Dichloroethene	2.764	96	13689	0.716	ug/L	79
22) cis-1,2-Dichloroethene	3.905	96	177384	9.126	ug/L	93
34) Trichloroethene	5.912	95	151729	7.681	ug/L	96
35) Methylcyclohexane	6.066	83	24387	0.702	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10187	0.573	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	12367	1.505	ug/L #	66

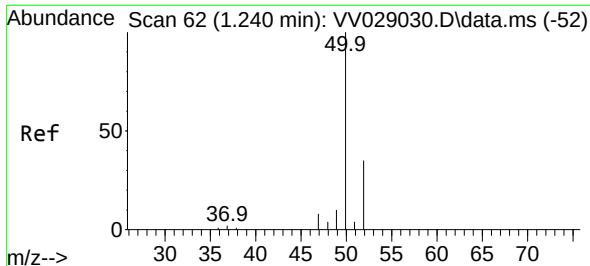
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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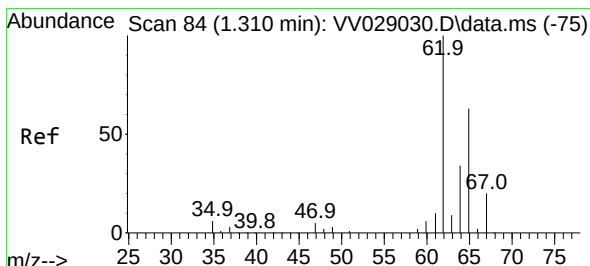
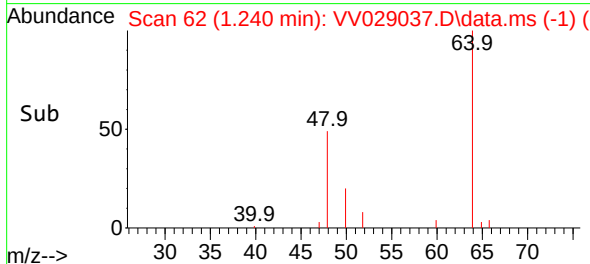
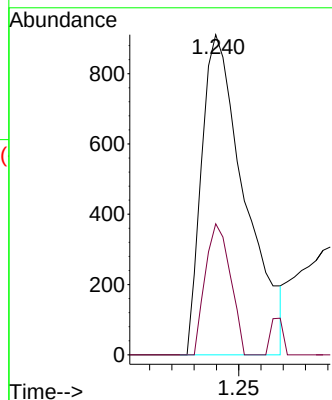
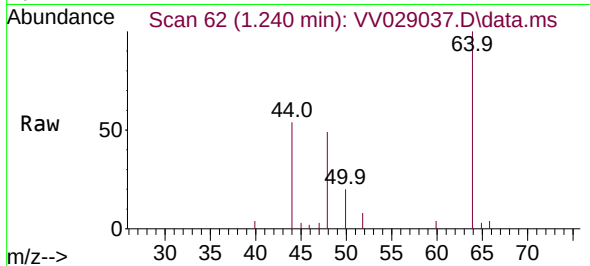




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

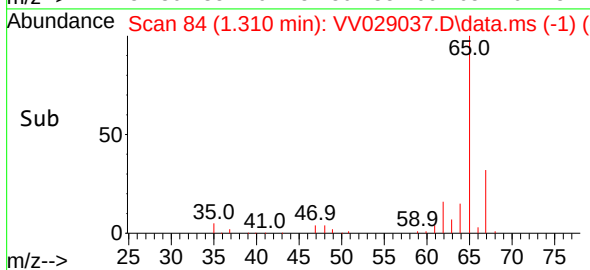
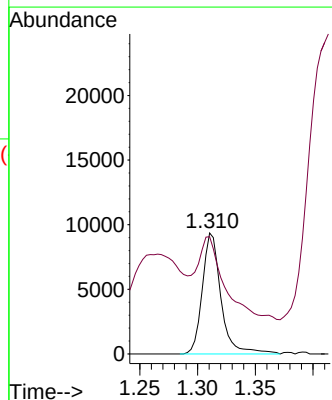
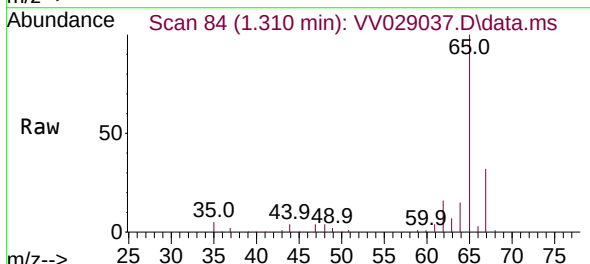
Instrument :
MSVOA_V
ClientSampleId :
H46B8DL

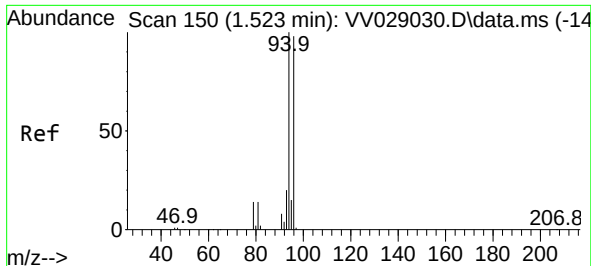
Tgt Ion: 50 Resp: 1229
Ion Ratio Lower Upper
50 100
52 40.9 23.7 43.9



#5
Vinyl chloride
Concen: 0.491 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

Tgt Ion: 62 Resp: 10561
Ion Ratio Lower Upper
62 100
64 96.9 22.8 42.4#

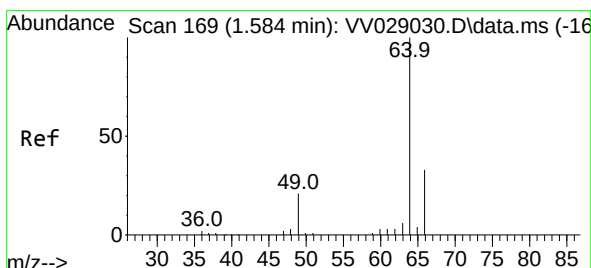
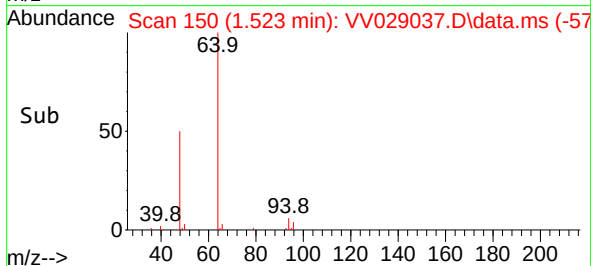
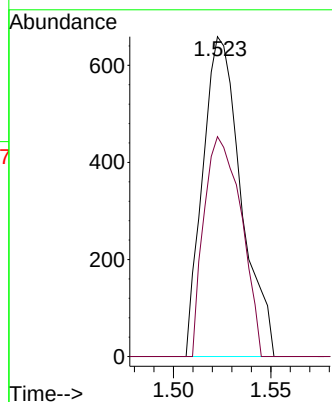
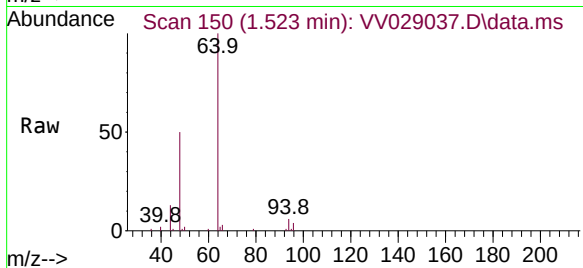




#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

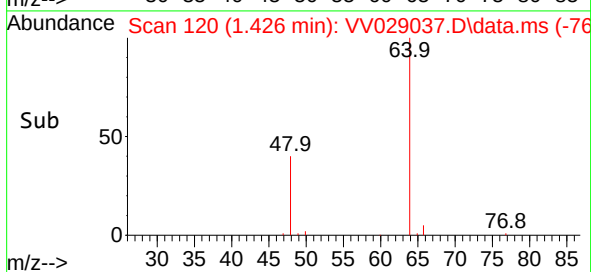
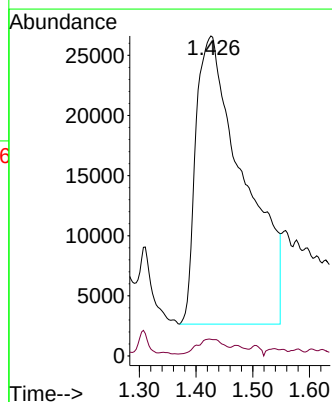
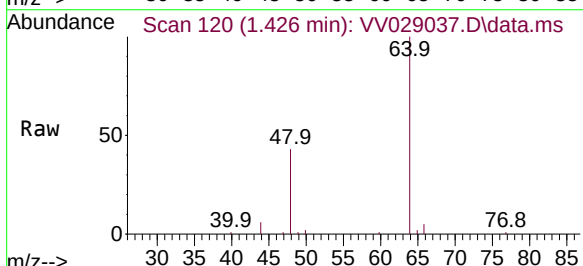
Instrument :
MSVOA_V
ClientSampleId :
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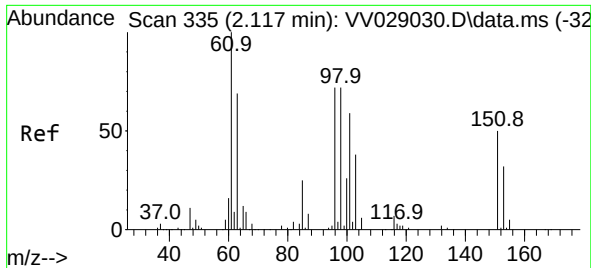
Tgt Ion: 94 Resp: 901
Ion Ratio Lower Upper
94 100
96 68.7 68.5 127.3



#8
Chloroethane
Concen: 11.089 ug/L
RT: 1.426 min Scan# 120
Delta R.T. -0.158 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

Tgt Ion: 64 Resp: 140035
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#

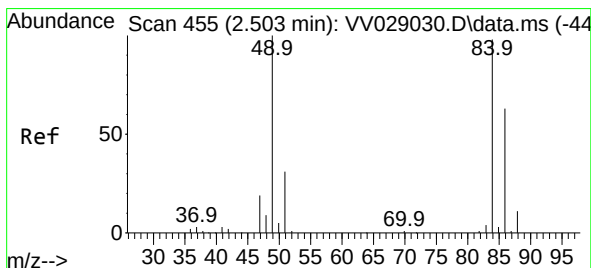
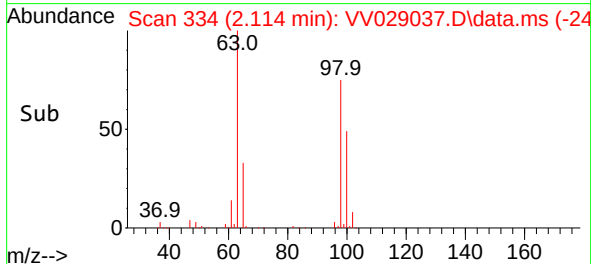
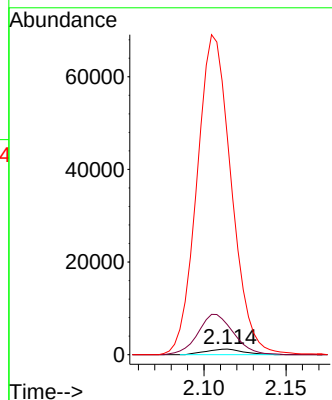
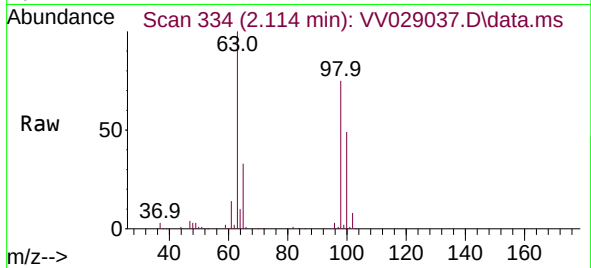




#12
1,1-Dichloroethene
Concen: 0.115 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

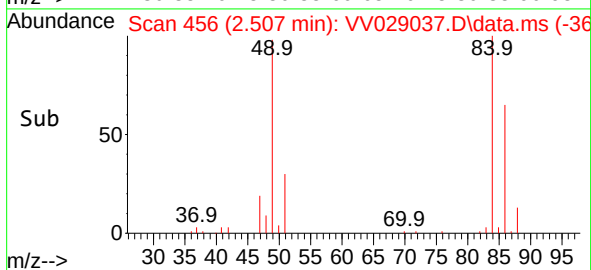
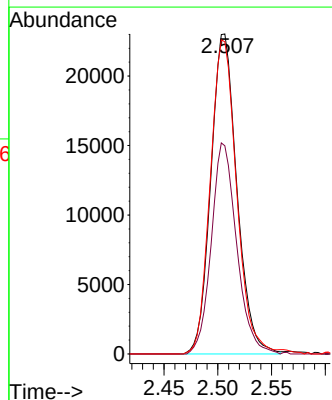
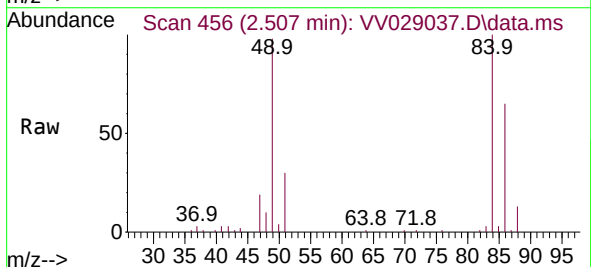
Instrument :
MSVOA_V
ClientSampleId :
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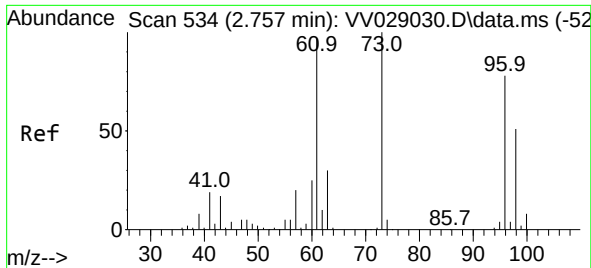
Tgt Ion: 96 Resp: 1900
Ion Ratio Lower Upper
96 100
61 537.8 104.2 193.4#
63 3903.3 75.9 140.9#



#16
Methylene chloride
Concen: 1.821 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

Tgt Ion: 84 Resp: 38814
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.0
49 97.6 75.5 140.1

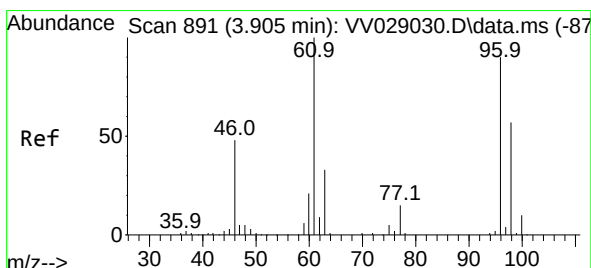
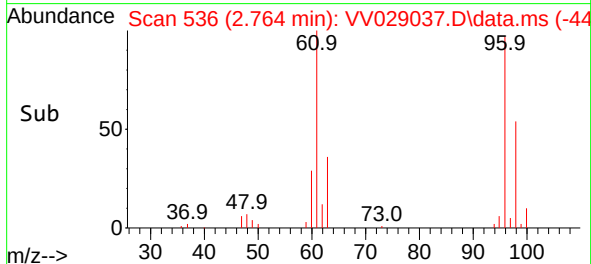
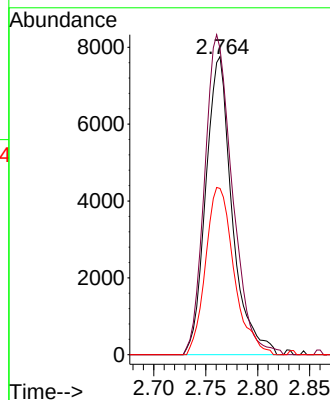
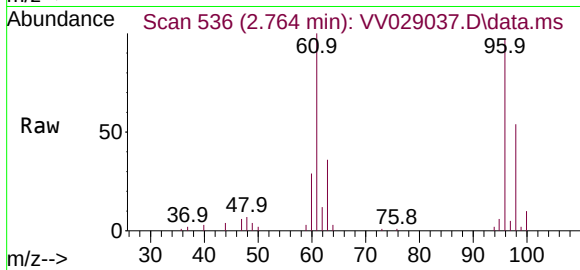




#18
trans-1,2-Dichloroethene
Concen: 0.716 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.006 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

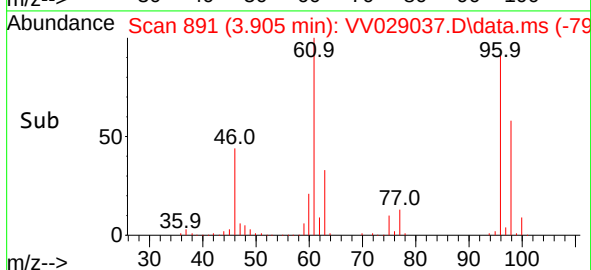
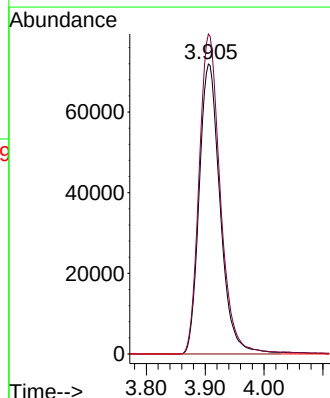
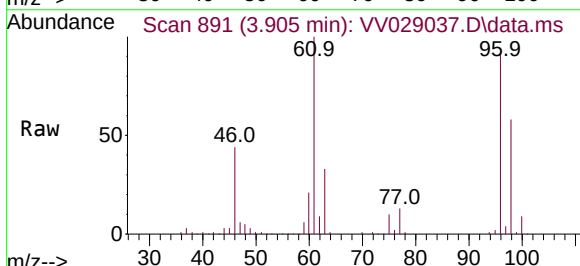
Instrument :
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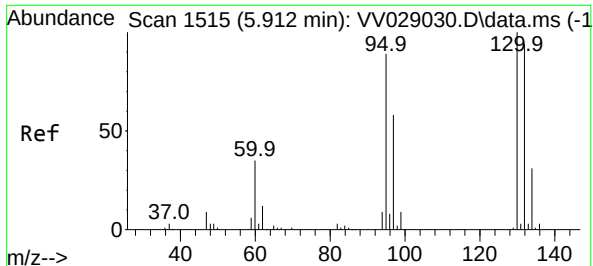
Tgt Ion: 96 Resp: 13689
Ion Ratio Lower Upper
96 100
61 102.7 91.8 170.6
98 55.8 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 9.126 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

Tgt Ion: 96 Resp: 177384
Ion Ratio Lower Upper
96 100
61 110.3 82.3 152.9
68 0.0 0.0 0.0

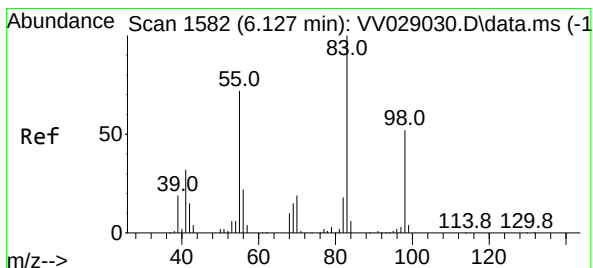
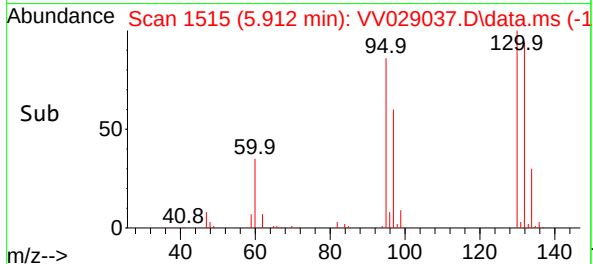
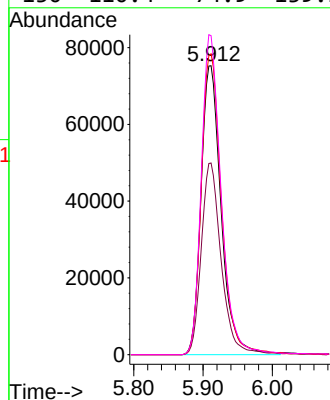
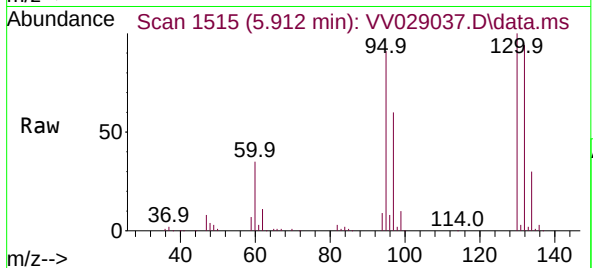




#34
Trichloroethene
Concen: 7.681 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

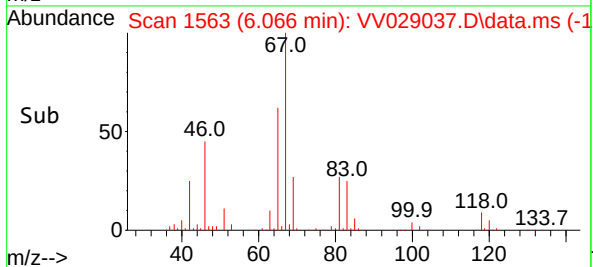
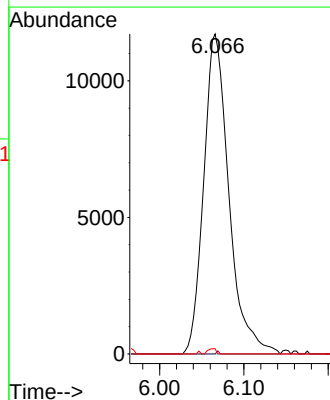
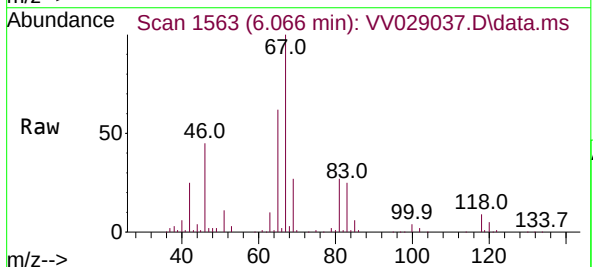
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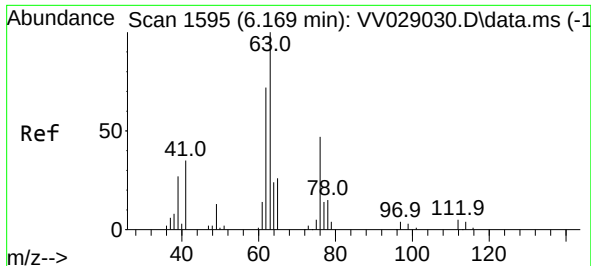
Tgt Ion: 95 Resp: 151729
Ion Ratio Lower Upper
95 100
97 66.3 45.6 84.8
132 104.1 69.1 128.3
130 110.4 74.9 139.1



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029037.D
Acq: 16 Nov 2022 23:47

Tgt Ion: 83 Resp: 24387
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.5 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029037.D

Acq: 16 Nov 2022 23:47

Instrument :

MSVOA_V

ClientSampleId :

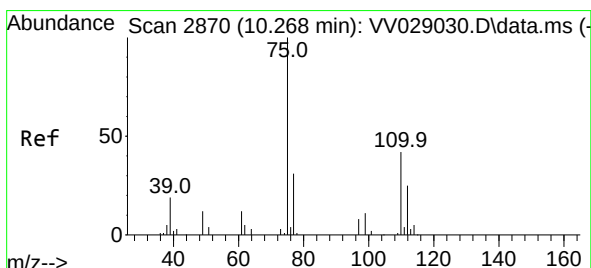
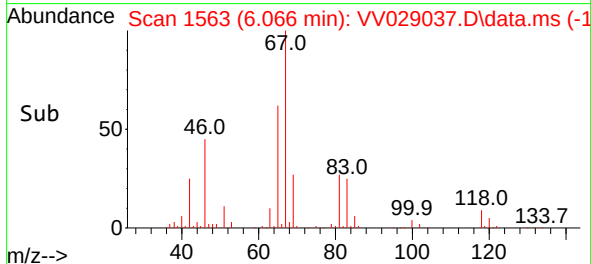
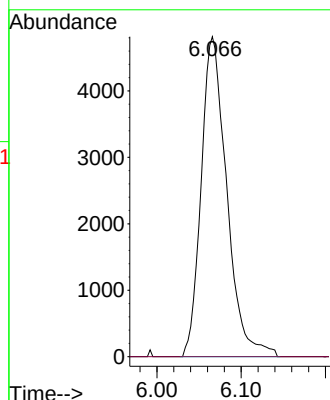
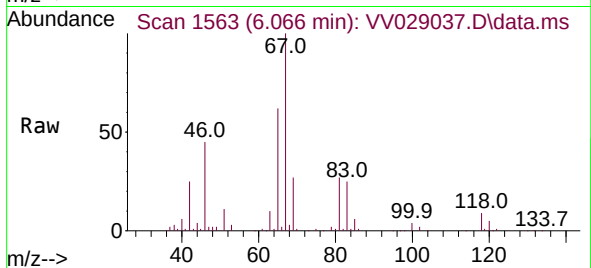
H46B8DL

Tgt Ion: 63 Resp: 10187

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.505 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029037.D

Acq: 16 Nov 2022 23:47

Tgt Ion: 75 Resp: 12367

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 2.5 32.6 48.8#

