

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023616.D
 Acq On : 18 Nov 2021 20:04
 Operator : SY/MD
 Sample : M4694-10DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4683DL

Quant Time: Nov 19 04:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

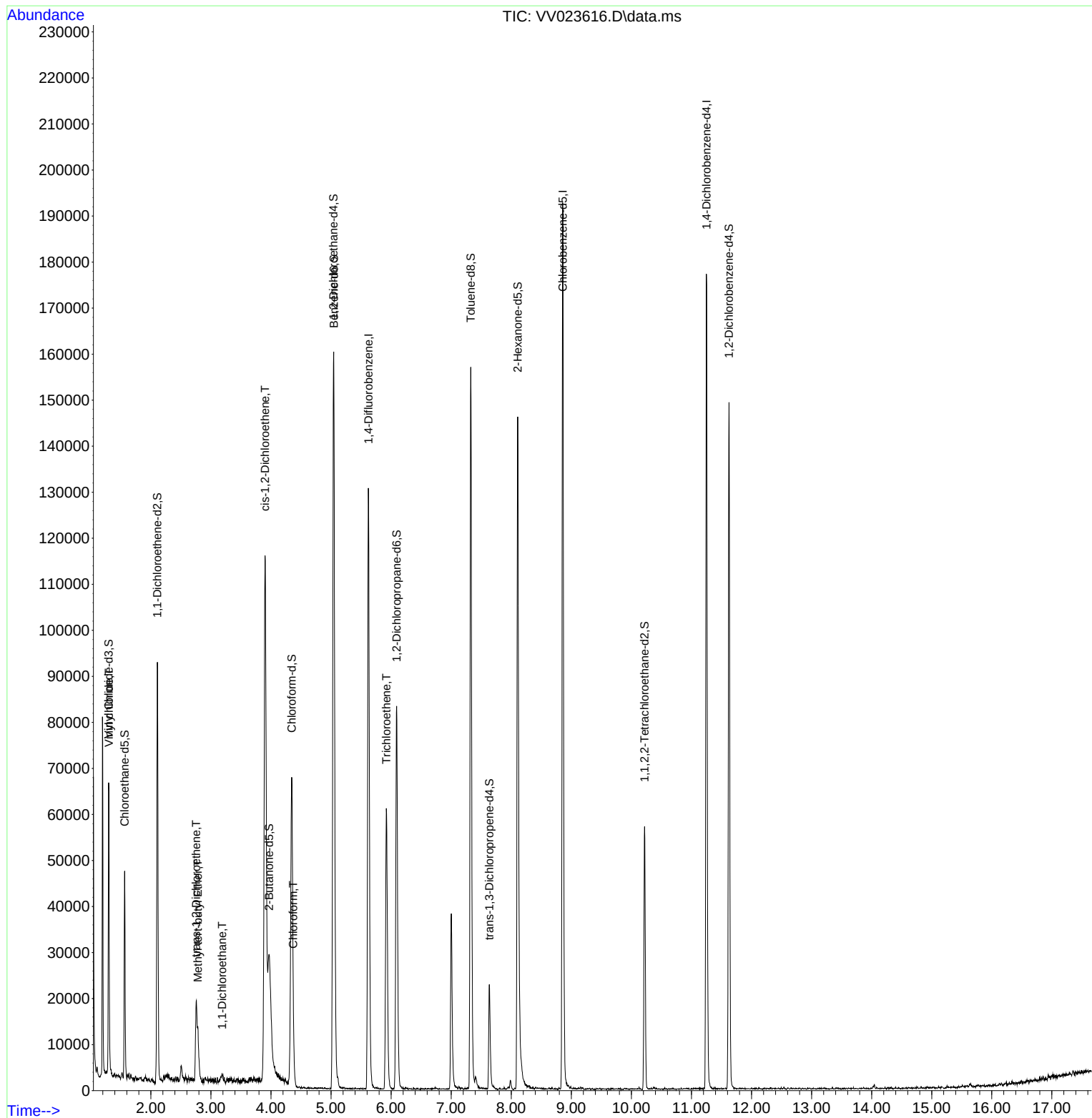
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	112012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	107720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	30388	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.564	69	25670	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	45255	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.969	46	69562	57.540	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.080%
24) Chloroform-d	4.346	84	65705	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.040	65	33478	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.047	84	128514	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.091	67	37863	4.654	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.326	98	104540	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.635	79	13188	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.107	63	49228	43.370	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.740%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26361	4.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	39869	4.977	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.301	62	8351	0.900	ug/L	85
17) Methyl tert-butyl Ether	2.783	73	8966	0.610	ug/L #	91
18) trans-1,2-Dichloroethene	2.754	96	5835	0.711	ug/L	95
19) 1,1-Dichloroethane	3.185	63	1133	0.082	ug/L #	81
22) cis-1,2-Dichloroethene	3.902	96	60322	7.633	ug/L #	93
25) Chloroform	4.371	83	5762	0.390	ug/L	96
34) Trichloroethene	5.921	95	22095	2.760	ug/L	96

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

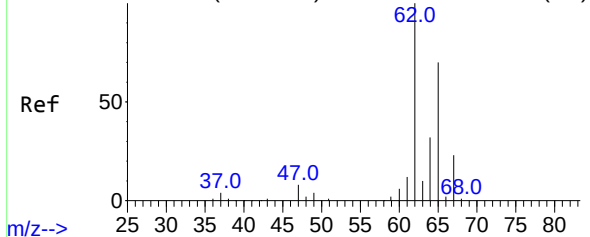
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023616.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023608.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.900 ug/L

RT: 1.301 min Scan# 81

Delta R.T. -0.010 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Instrument :

MSVOA_V

ClientSampleId :

H4683DL

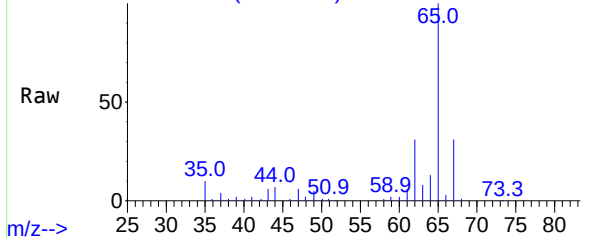
Tgt Ion: 62 Resp: 8351

Ion Ratio Lower Upper

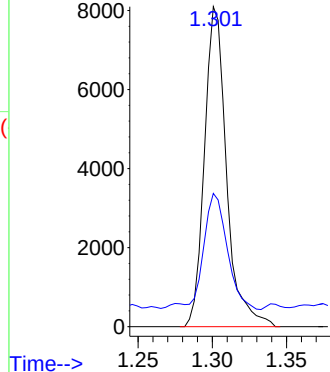
62 100

64 41.7 23.1 42.9

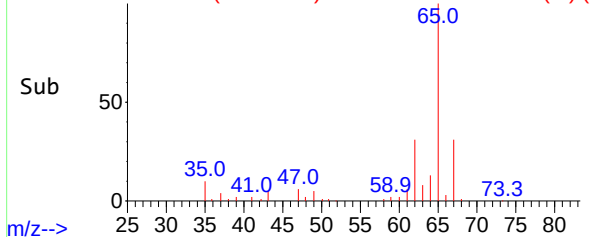
Abundance Scan 81 (1.301 min): VV023616.D\data.ms



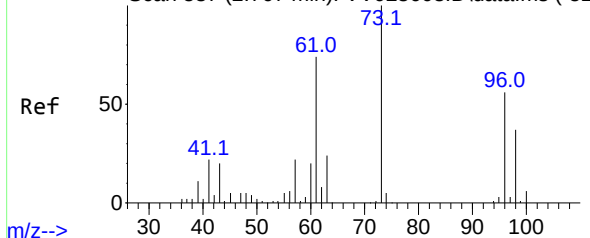
Abundance



Abundance Scan 81 (1.301 min): VV023616.D\data.ms (-1)



Abundance Scan 537 (2.767 min): VV023608.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 0.610 ug/L

RT: 2.783 min Scan# 542

Delta R.T. 0.016 min

Lab File: VV023616.D

Acq: 18 Nov 2021 20:04

Tgt Ion: 73 Resp: 8966

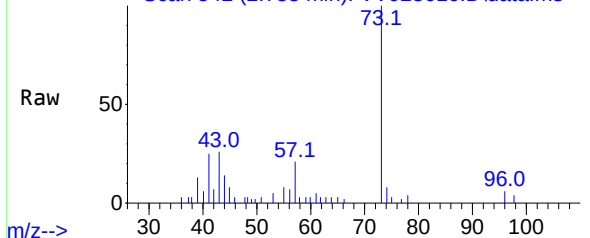
Ion Ratio Lower Upper

73 100

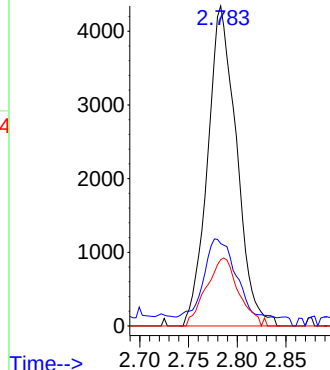
43 26.7 17.4 26.0

57 23.7 16.5 24.7

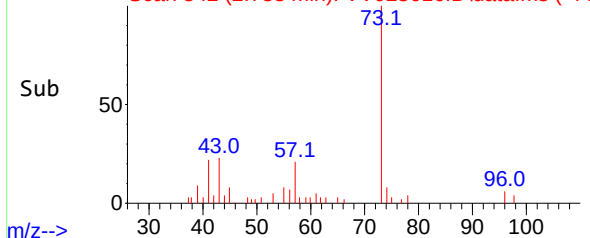
Abundance Scan 542 (2.783 min): VV023616.D\data.ms

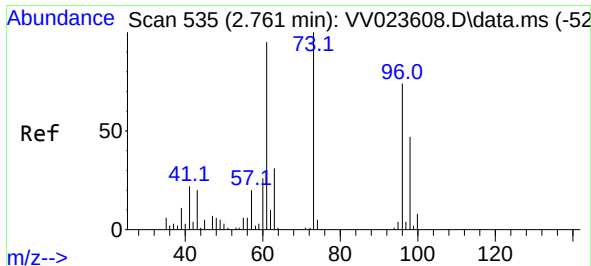


Abundance



Abundance Scan 542 (2.783 min): VV023616.D\data.ms (-44)

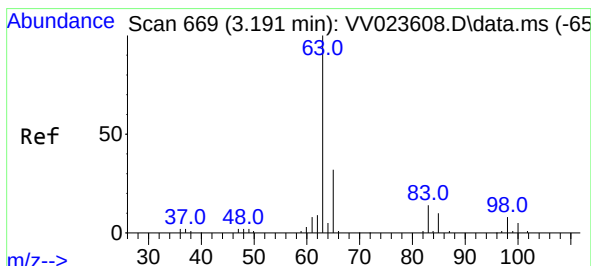
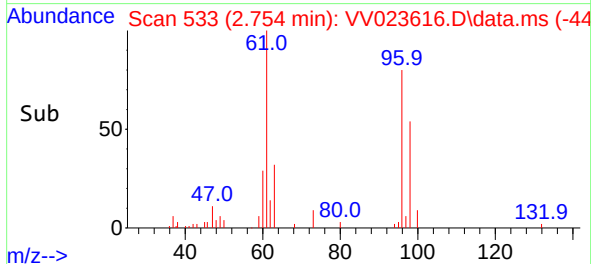
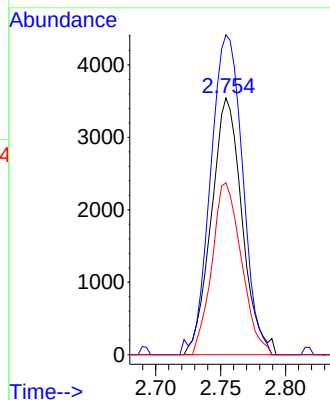
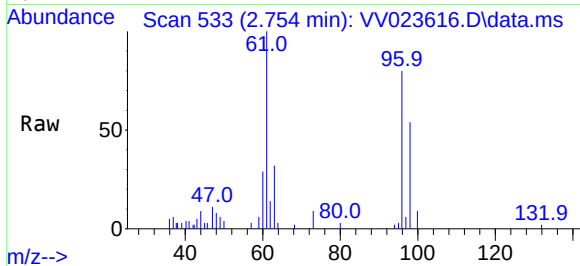




#18
trans-1,2-Dichloroethene
Concen: 0.711 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV023616.D
Acq: 18 Nov 2021 20:04

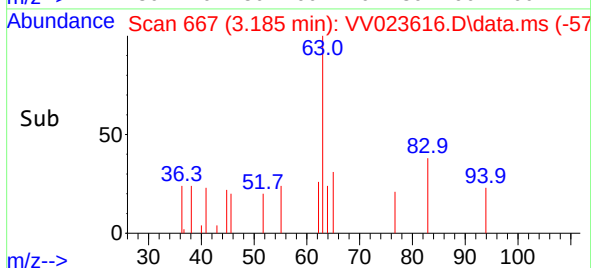
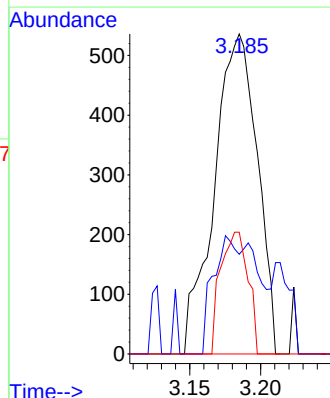
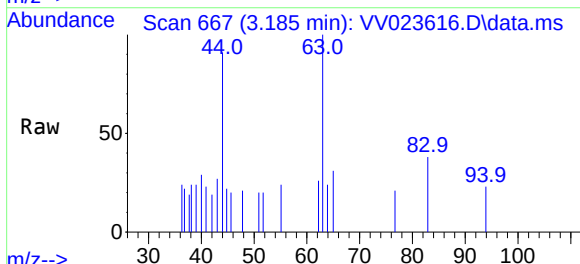
Instrument :
MSVOA_V
ClientSampleId :
H4683DL

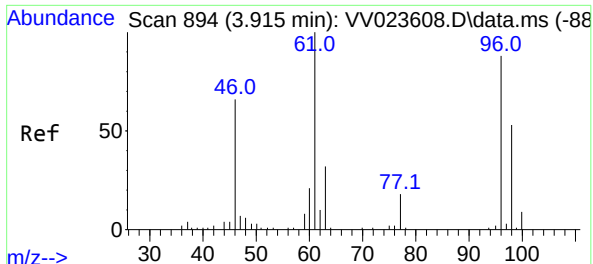
Tgt Ion: 96 Resp: 5835
Ion Ratio Lower Upper
96 100
61 124.7 93.2 173.2
98 66.9 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.082 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.007 min
Lab File: VV023616.D
Acq: 18 Nov 2021 20:04

Tgt Ion: 63 Resp: 1133
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 38.1 11.1 20.7#

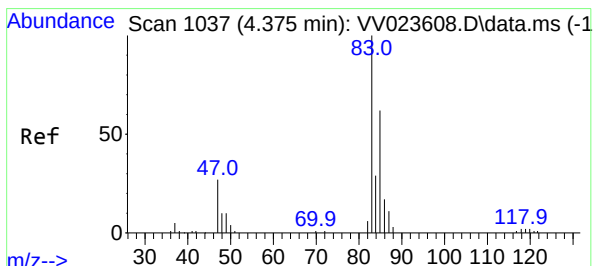
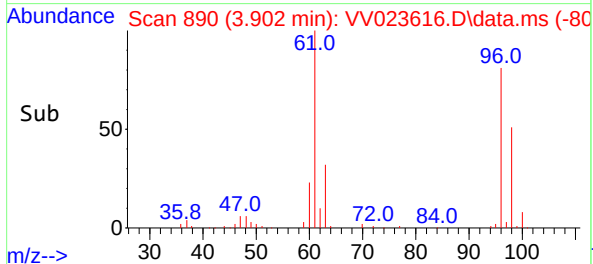
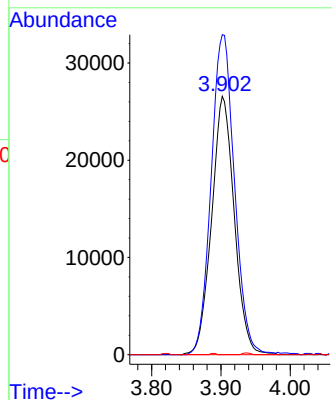
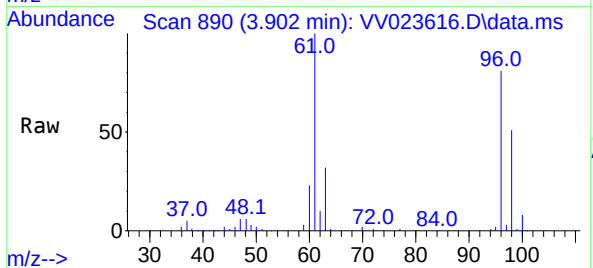




#22
 cis-1,2-Dichloroethene
 Concen: 7.633 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

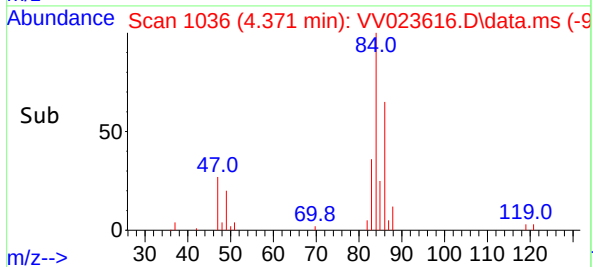
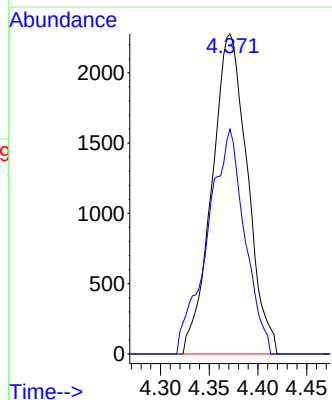
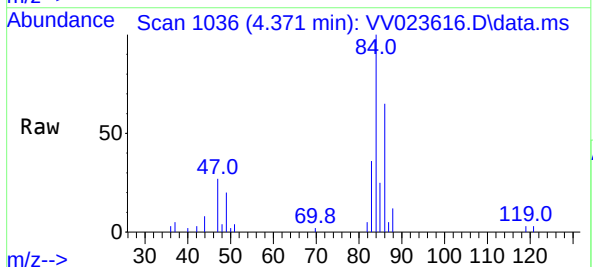
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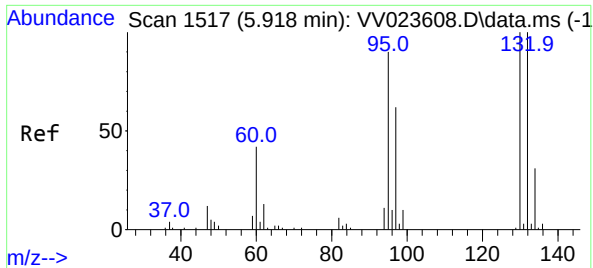
Tgt Ion: 96 Resp: 60322
 Ion Ratio Lower Upper
 96 100
 61 123.8 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.390 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VV023616.D
 Acq: 18 Nov 2021 20:04

Tgt Ion: 83 Resp: 5762
 Ion Ratio Lower Upper
 83 100
 85 70.3 46.8 86.8





#34
Trichloroethene
Concen: 2.760 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023616.D
Acq: 18 Nov 2021 20:04

Instrument :
MSVOA_V
ClientSampleId :
H4683DL

Tgt Ion: 95 Resp: 22095

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.0	83.6
132	104.1	69.7	129.4
130	109.0	73.7	136.9

