

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023374.D
 Acq On : 11 Nov 2021 09:33
 Operator : SY/MD
 Sample : M4558-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:27:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

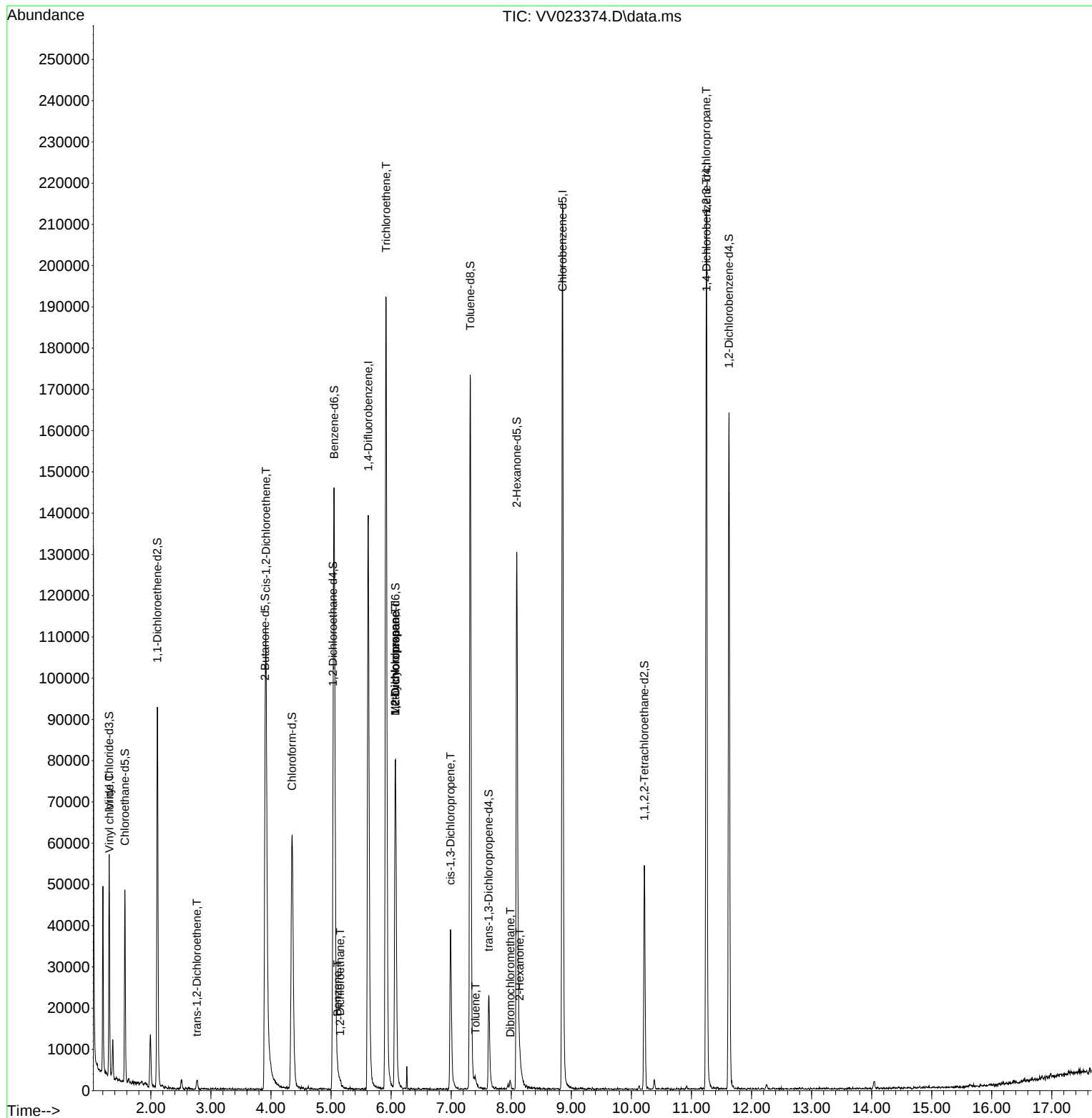
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123017	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33374	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.568	69	27025	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	48270	3.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.902	46	64325	48.448	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.900%
24) Chloroform-d	4.352	84	65093	3.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.034	65	31907	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.053	84	133451	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.072	67	39142	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.317	98	116792	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.625	79	14027	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.092	63	46636	37.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24950	3.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	43974	4.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	473	0.046	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	692	0.077	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	50343	5.801	ug/L #	91
27) 1,2-Dichloroethane	5.153	62	1660	0.192	ug/L #	72
33) Benzene	5.108	78	2588	0.078	ug/L	100
34) Trichloroethene	5.915	95	67161	7.654	ug/L	97
35) Methylcyclohexane	6.069	83	10042	0.725	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4720	0.613	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1009	0.091	ug/L #	65
42) Toluene	7.407	91	2129	0.060	ug/L	95
48) 2-Hexanone	8.140	43	2807	1.121	ug/L #	71
49) Dibromochloromethane	7.986	129	458	0.065	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6139	1.575	ug/L #	68

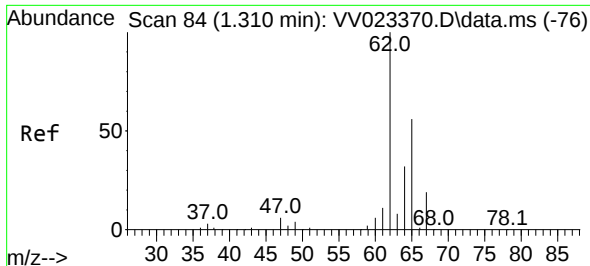
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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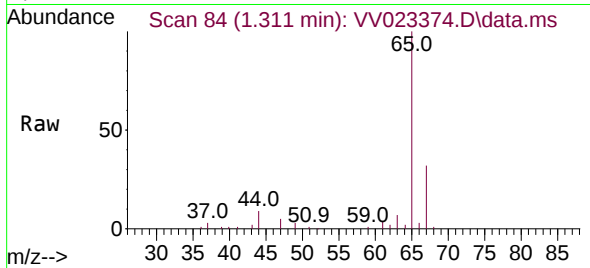
Quant Time: Nov 12 00:27:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 08:19:32 2021
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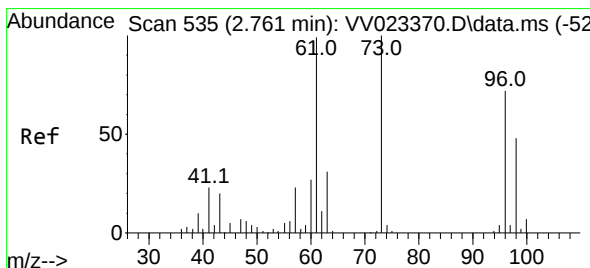
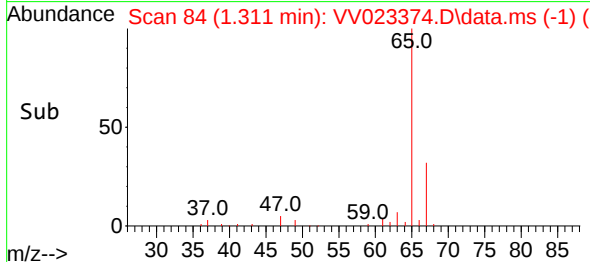
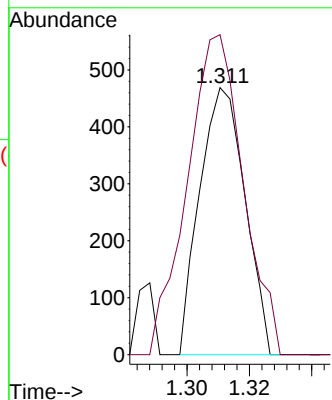


#5
 Vinyl chloride
 Concen: 0.046 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023374.D
 Acq: 11 Nov 2021 09:33

Instrument :
 MSVOA_V
 ClientSampleId :

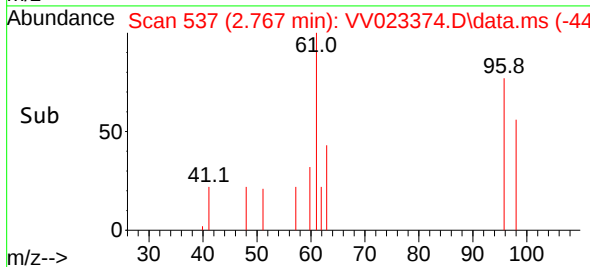
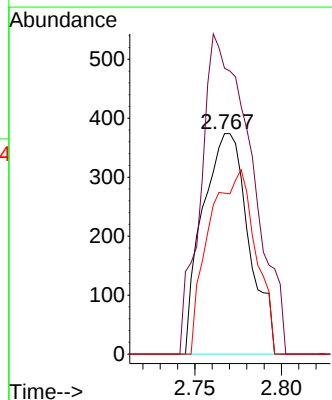
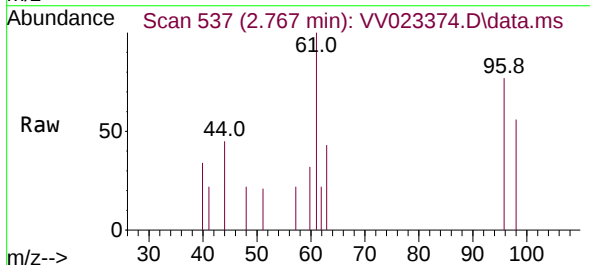


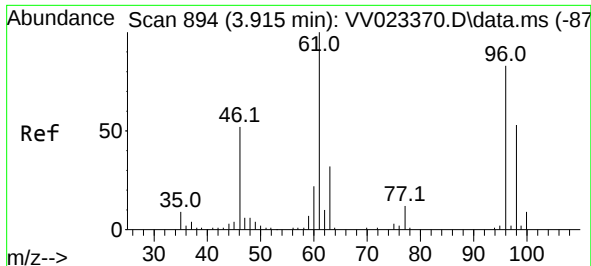
Tgt Ion: 62 Resp: 473
 Ion Ratio Lower Upper
 62 100
 64 119.8 23.1 42.9#



#18
 trans-1,2-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.007 min
 Lab File: VV023374.D
 Acq: 11 Nov 2021 09:33

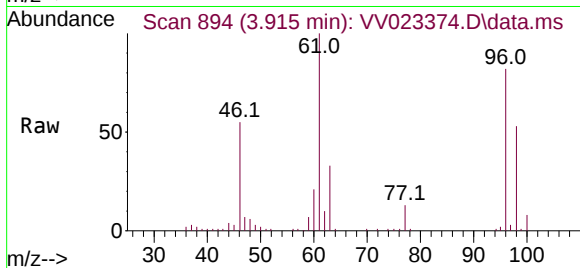
Tgt Ion: 96 Resp: 692
 Ion Ratio Lower Upper
 96 100
 61 129.7 93.2 173.2
 98 73.0 47.0 87.2





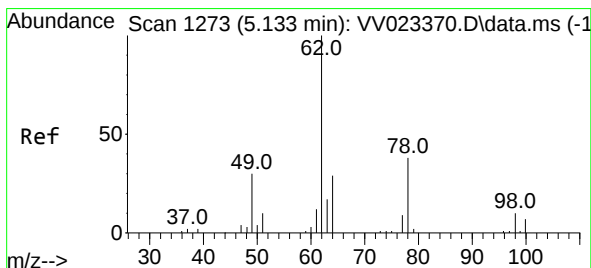
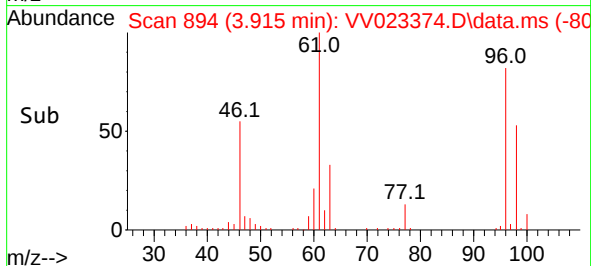
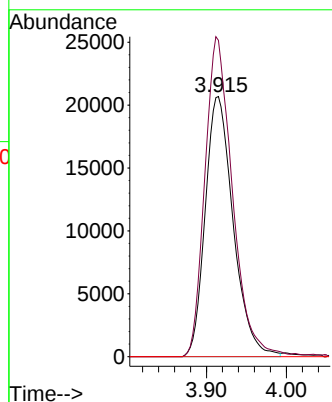
#22
 cis-1,2-Dichloroethene
 Concen: 5.801 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV023374.D
 Acq: 11 Nov 2021 09:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 50343

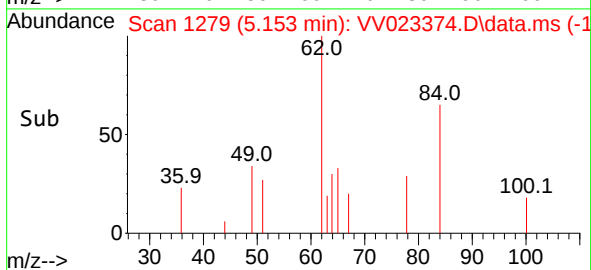
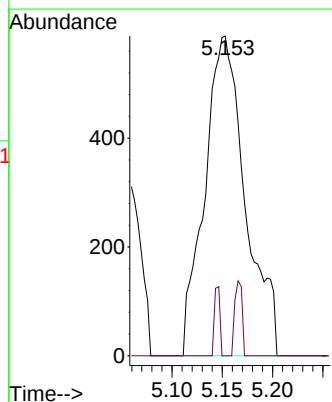
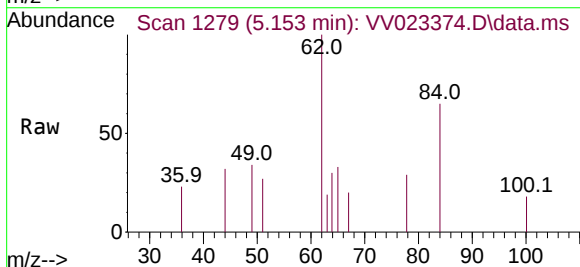
Ion	Ratio	Lower	Upper
96	100		
61	121.6	92.3	171.3
68	0.0	0.4	0.8

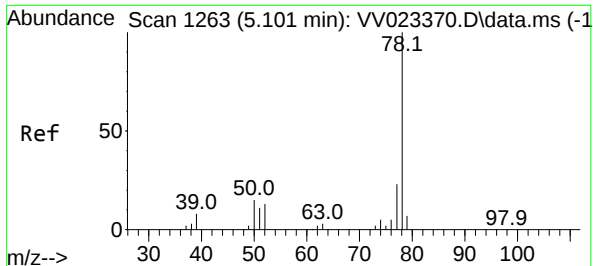


#27
 1,2-Dichloroethane
 Concen: 0.192 ug/L
 RT: 5.153 min Scan# 1279
 Delta R.T. 0.019 min
 Lab File: VV023374.D
 Acq: 11 Nov 2021 09:33

Tgt Ion: 62 Resp: 1660

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4

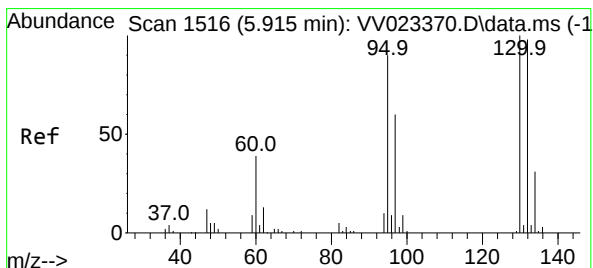
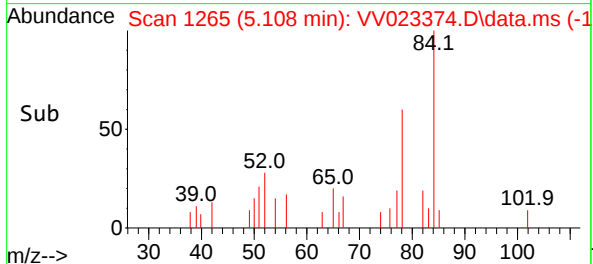
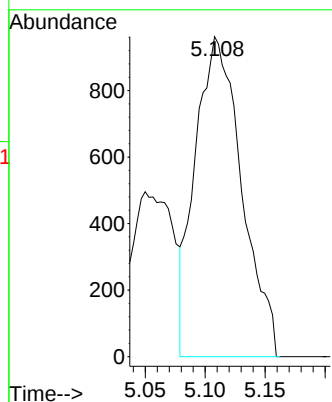
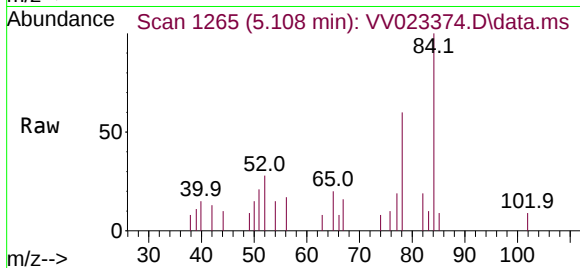




#33
Benzene
Concen: 0.078 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

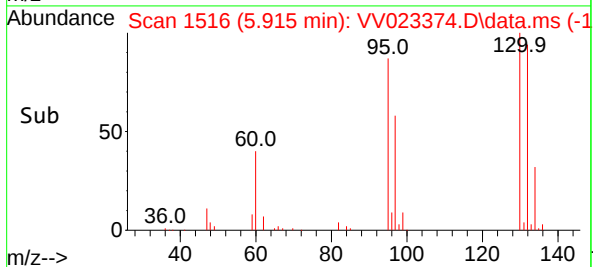
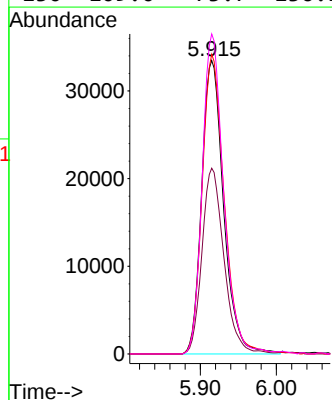
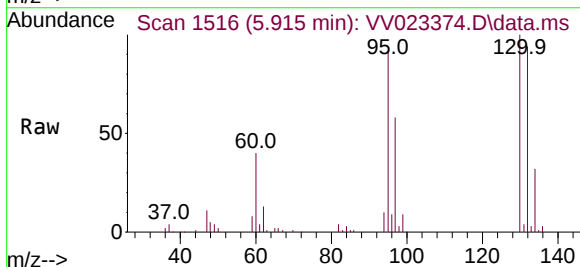
Instrument :
MSVOA_V
ClientSampleId :

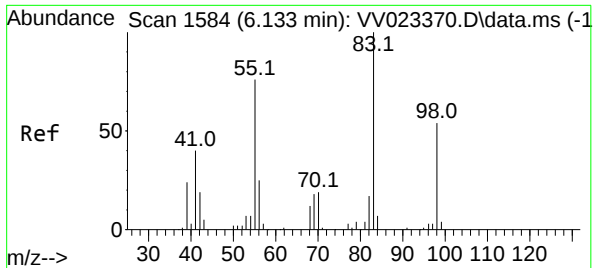
Tgt Ion: 78 Resp: 2588



#34
Trichloroethene
Concen: 7.654 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

Tgt Ion: 95 Resp: 67161
Ion Ratio Lower Upper
95 100
97 63.3 45.0 83.6
132 102.1 69.7 129.4
130 109.0 73.7 136.9

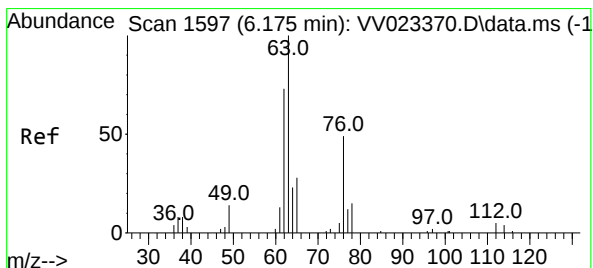
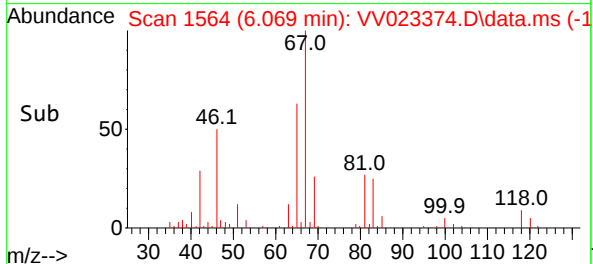
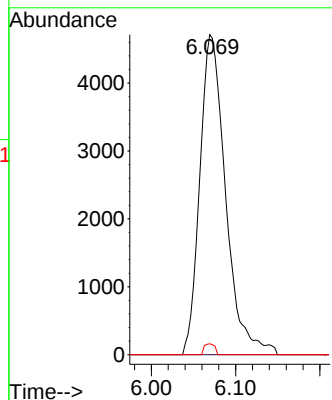
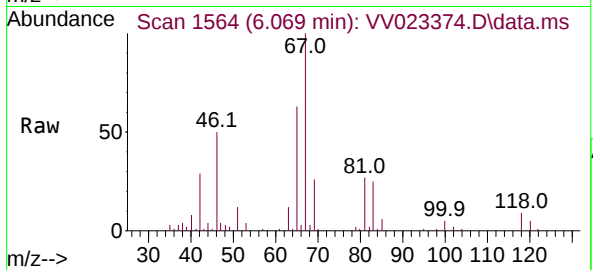




#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

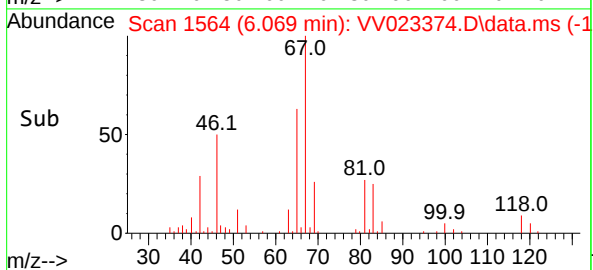
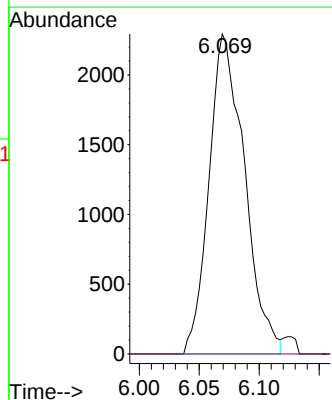
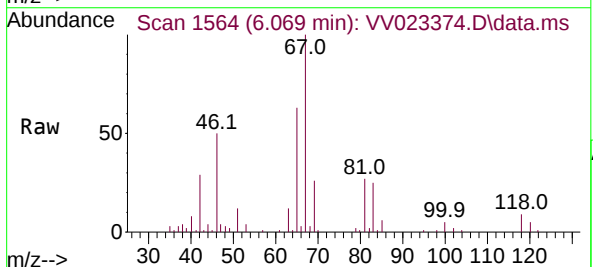
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MSVOA_V
ClientSampleId :

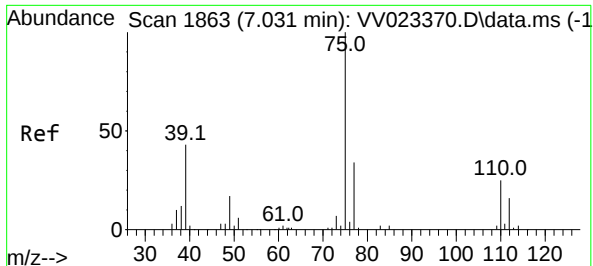
Tgt Ion: 83 Resp: 10042
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

Tgt Ion: 63 Resp: 4720
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023374.D

Acq: 11 Nov 2021 09:33

Instrument :

MSVOA_V

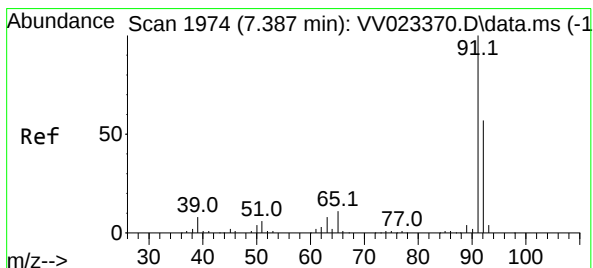
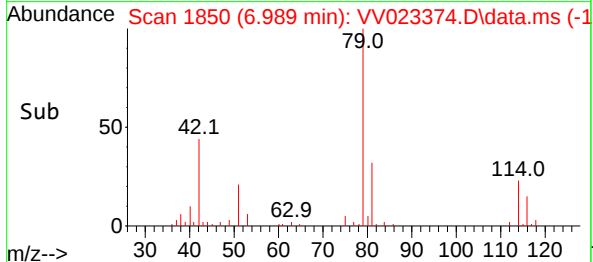
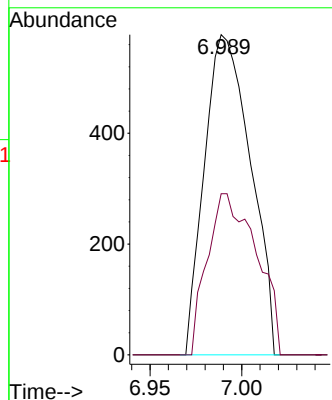
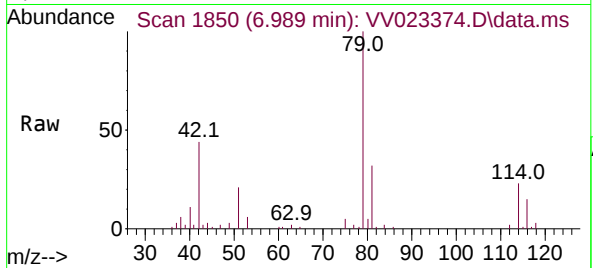
ClientSampleId :

Tgt Ion: 75 Resp: 1009

Ion Ratio Lower Upper

75 100

77 50.3 21.6 40.2#



#42

Toluene

Concen: 0.060 ug/L

RT: 7.407 min Scan# 1980

Delta R.T. 0.019 min

Lab File: VV023374.D

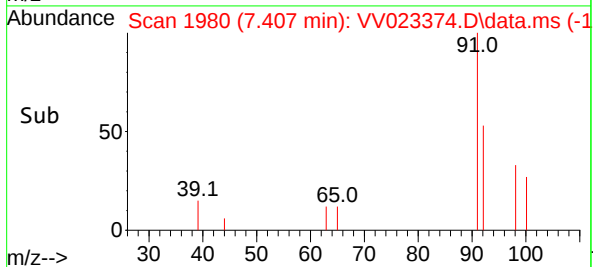
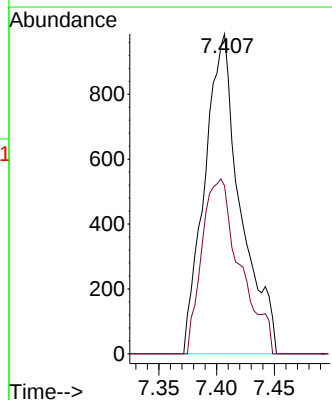
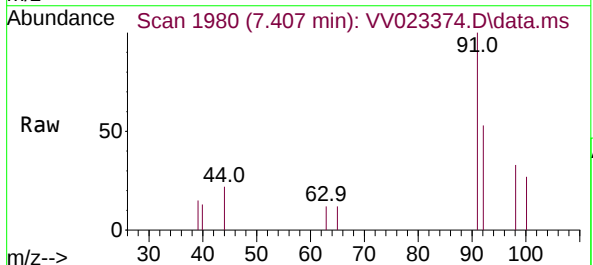
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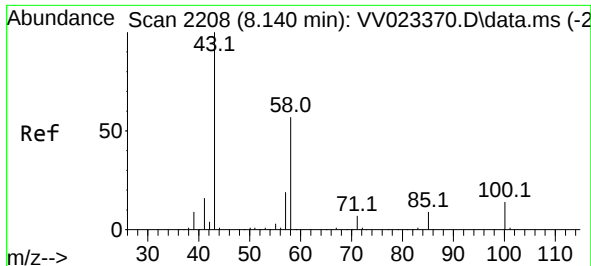
Tgt Ion: 91 Resp: 2129

Ion Ratio Lower Upper

91 100

92 52.5 39.3 72.9

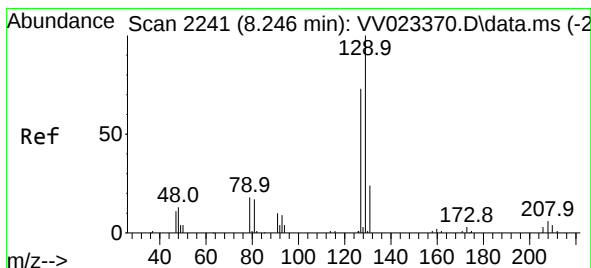
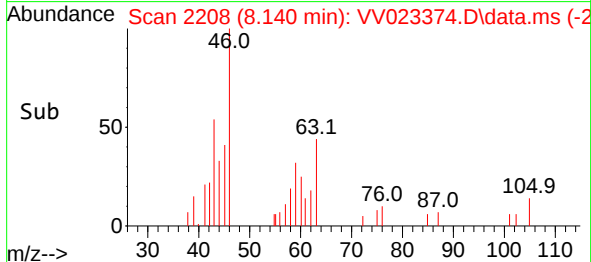
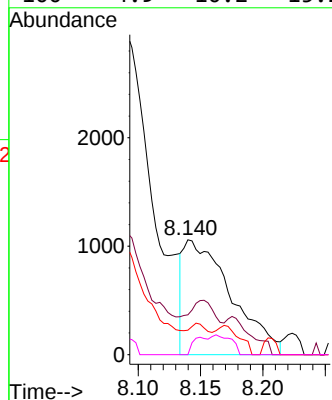
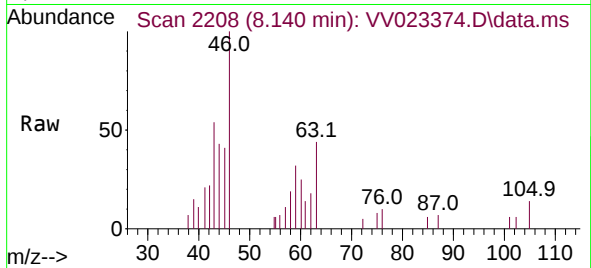




#48
2-Hexanone
Concen: 1.121 ug/L
RT: 8.140 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

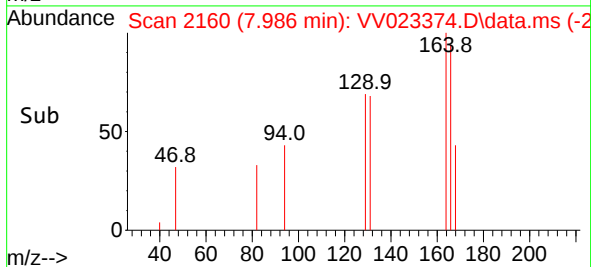
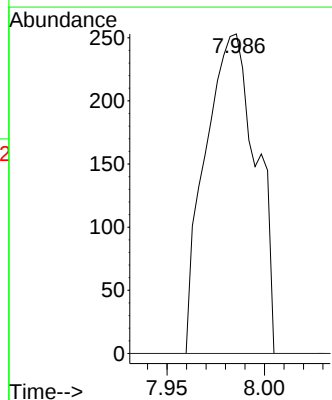
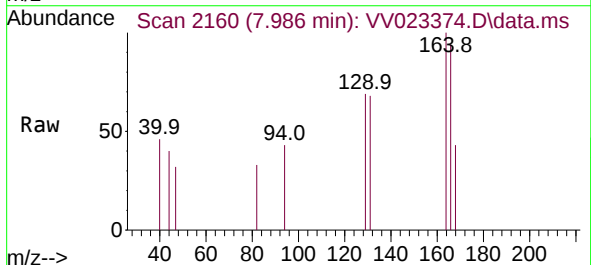
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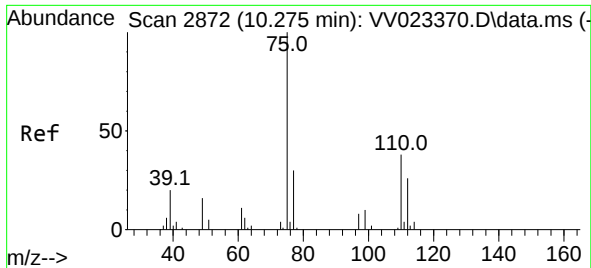
Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
58 28.1 43.7 65.5#
57 11.8 14.1 21.1#
100 4.9 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.065 ug/L
RT: 7.986 min Scan# 2160
Delta R.T. -0.260 min
Lab File: VV023374.D
Acq: 11 Nov 2021 09:33

Tgt Ion: 129 Resp: 458
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.575 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

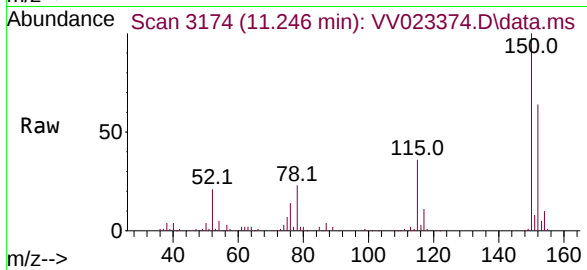
Lab File: VV023374.D

Acq: 11 Nov 2021 09:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	6139
Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.6	39.8
110	3.7	31.8	47.6#

