

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023514.D
 Acq On : 16 Nov 2021 03:54
 Operator : SY/MD
 Sample : M4694-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4652

Quant Time: Nov 16 05:19:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48127	5.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.400%
7) Chloroethane-d5	1.571	69	33047	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.111	63	56232	3.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.899	46	82149	58.615	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.220%
24) Chloroform-d	4.349	84	79824	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.037	65	37839	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.050	84	155658	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	46108	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	134249	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	15975	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	56287	43.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30952	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	51027	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	772	0.072	ug/L #	81
5) Vinyl chloride	1.311	62	881131	81.951	ug/L	99
8) Chloroethane	1.542	64	11745	1.893	ug/L #	53
12) 1,1-Dichloroethene	2.118	96	1095	0.141	ug/L #	1
14) Carbon disulfide	2.298	76	1689	0.058	ug/L #	76
17) Methyl tert-butyl Ether	2.770	73	45020	2.641	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	28744	3.020	ug/L	99
19) 1,1-Dichloroethane	3.195	63	9031	0.562	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	468265	51.114	ug/L #	90
33) Benzene	5.108	78	14393	0.422	ug/L	100
34) Trichloroethene	5.931	95	2822	0.311	ug/L	93
35) Methylcyclohexane	6.072	83	11680	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5314	0.667	ug/L #	83
42) Toluene	7.400	91	2810	0.077	ug/L	99
48) 2-Hexanone	8.149	43	4823	1.862	ug/L #	91
61) 1,2,3-Trichloropropane	11.249	75	6613	1.736	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.243	75	67	0.083	ug/L #	1
70) 1,2,4-trichlorobenzene	13.265	180	815	0.077	ug/L #	69
71) Naphthalene	13.513	128	2111	0.136	ug/L #	94

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QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

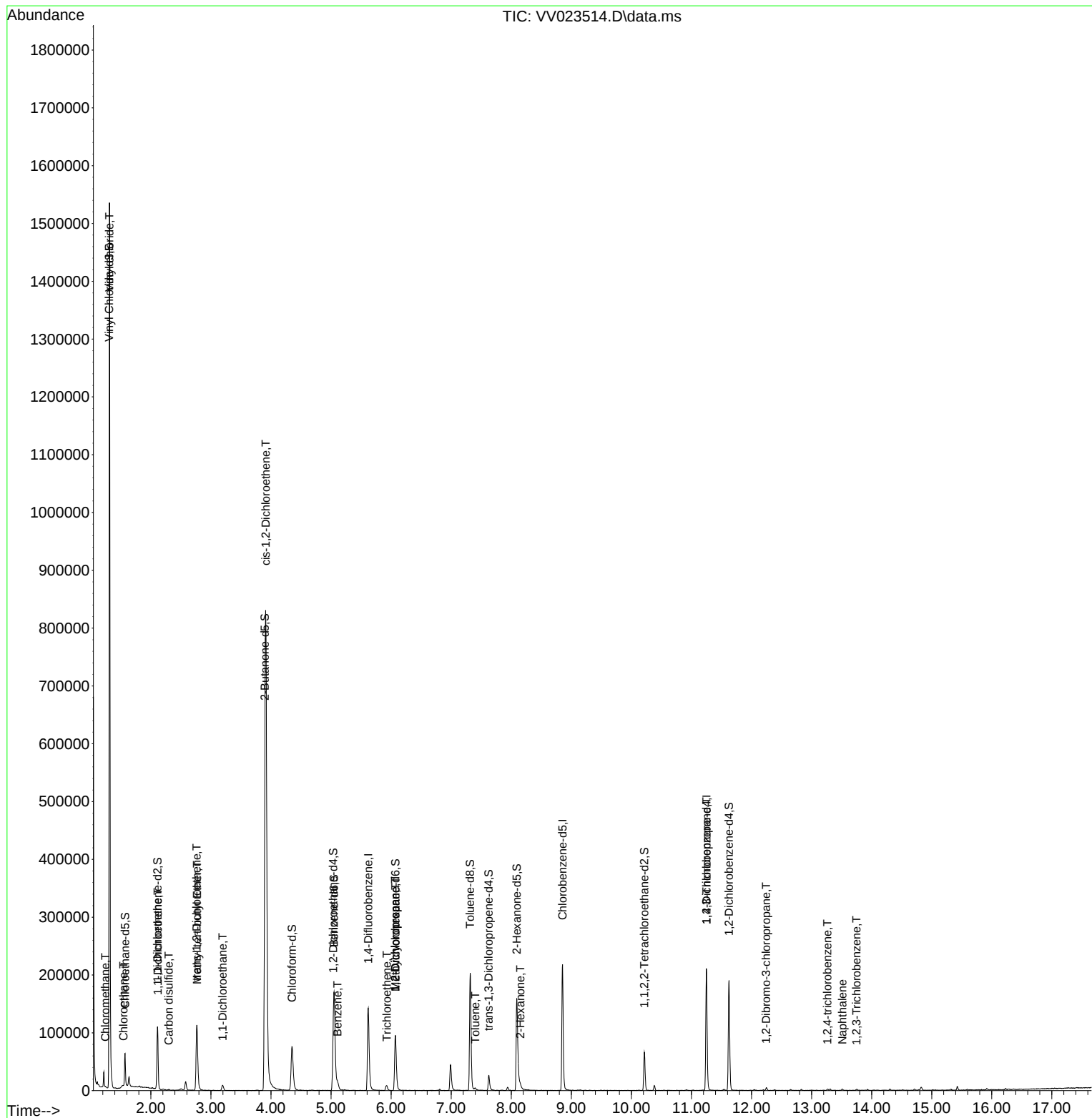
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.747	180	787	0.085	ug/L #	90

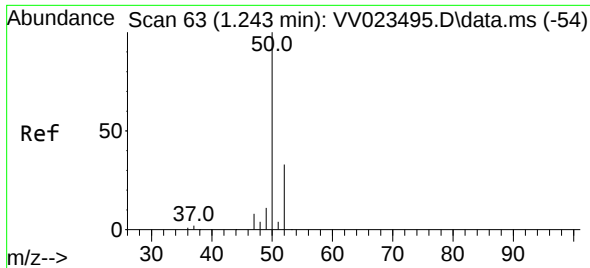
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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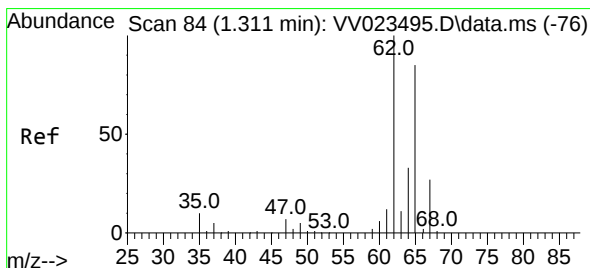
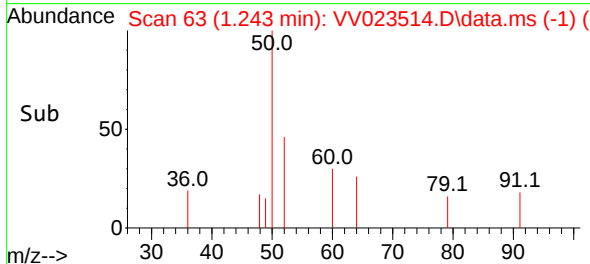
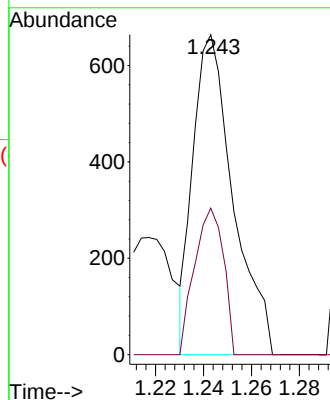
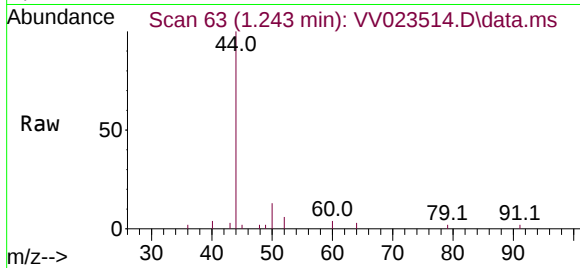




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

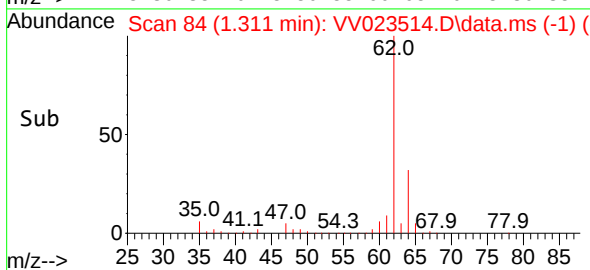
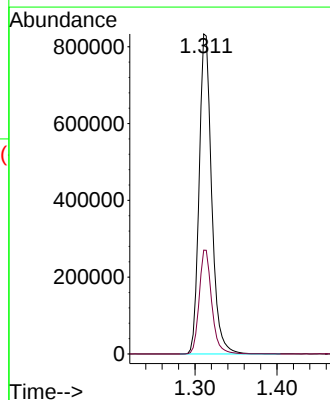
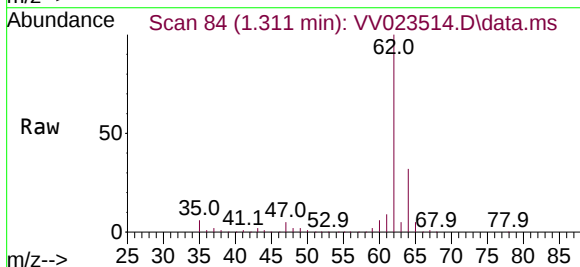
Instrument :
MSVOA_V
ClientSampleId :
H4652

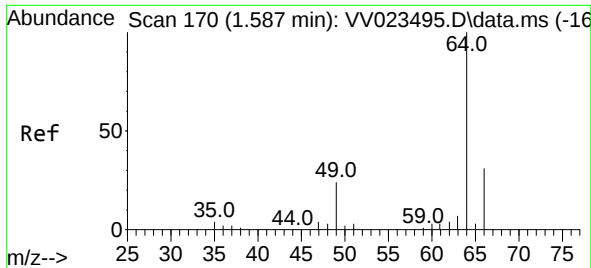
Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 45.8 24.3 45.1#



#5
Vinyl chloride
Concen: 81.951 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 62 Resp: 881131
Ion Ratio Lower Upper
62 100
64 32.5 23.1 42.9

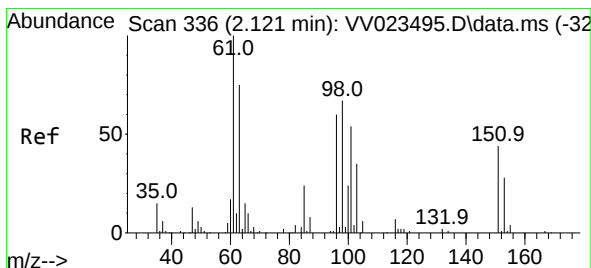
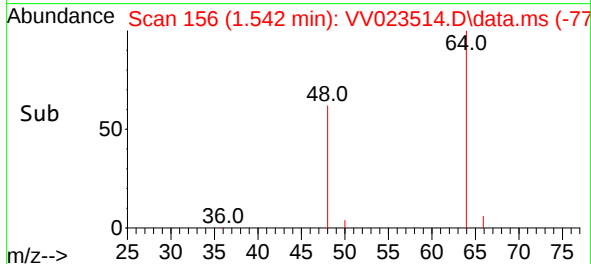
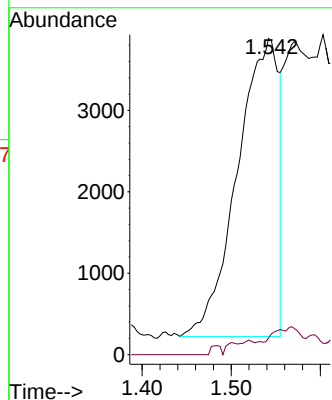
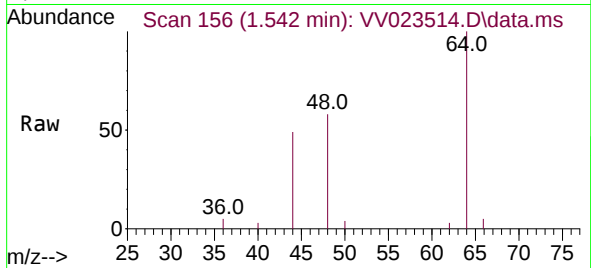




#8
Chloroethane
Concen: 1.893 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.045 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

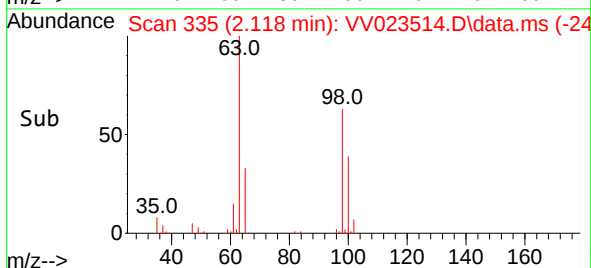
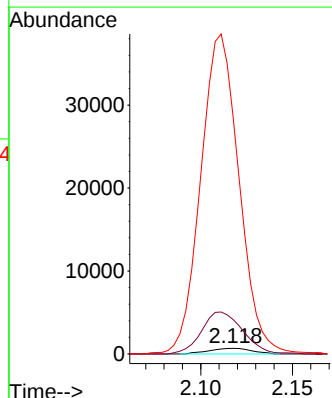
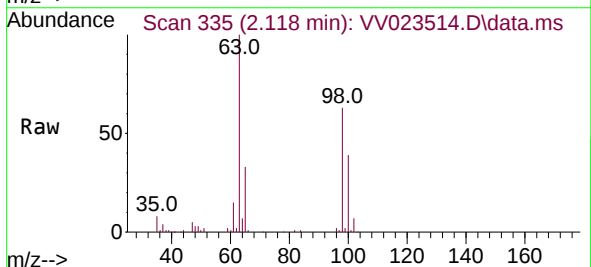
Instrument :
MSVOA_V
ClientSampleId :
H4652

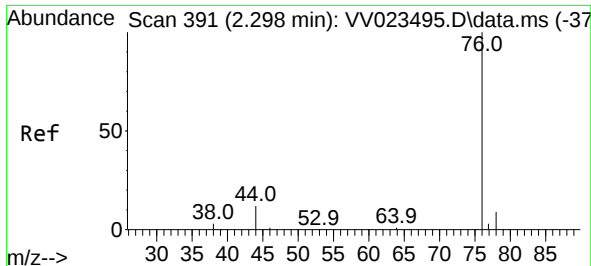
Tgt Ion: 64 Resp: 11745
Ion Ratio Lower Upper
64 100
66 5.3 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.141 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 96 Resp: 1095
Ion Ratio Lower Upper
96 100
61 611.3 121.5 225.7#
63 4203.8 99.6 185.0#

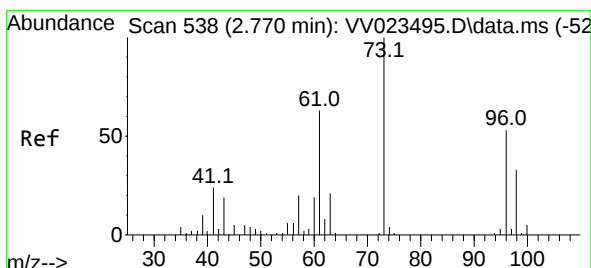
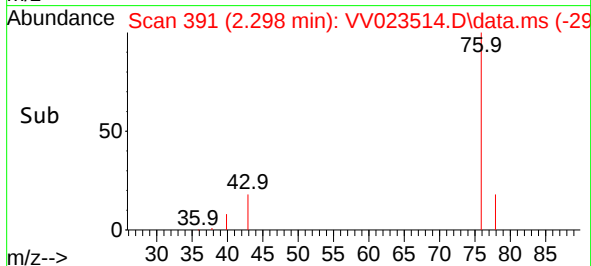
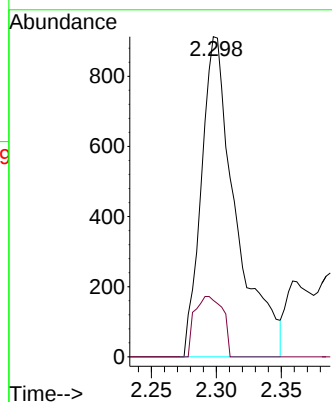
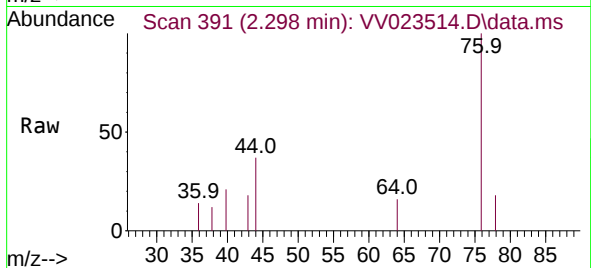




#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

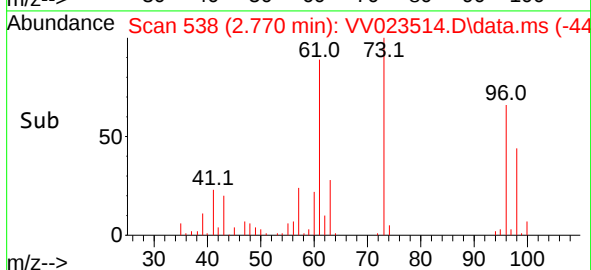
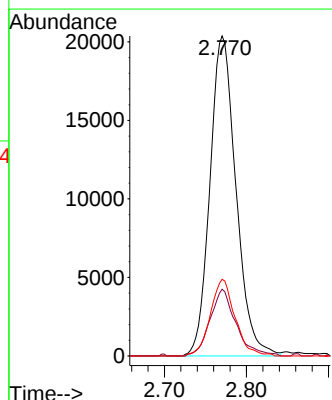
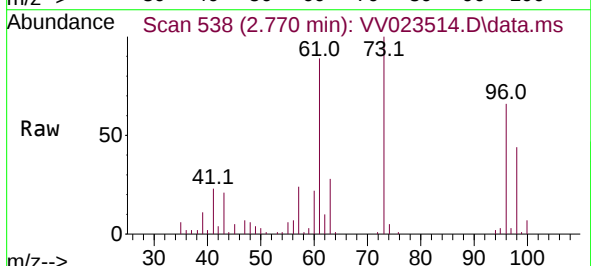
Instrument :
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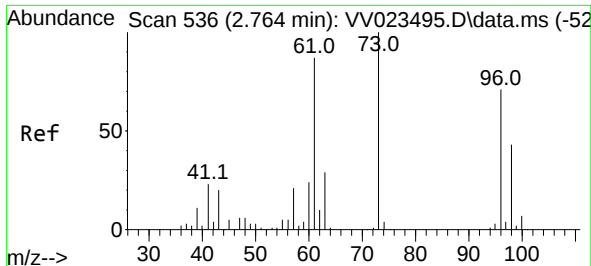
Tgt Ion: 76 Resp: 1689
Ion Ratio Lower Upper
76 100
78 17.6 7.2 10.8#



#17
Methyl tert-butyl Ether
Concen: 2.641 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 73 Resp: 45020
Ion Ratio Lower Upper
73 100
43 20.8 17.4 26.0
57 22.7 16.5 24.7

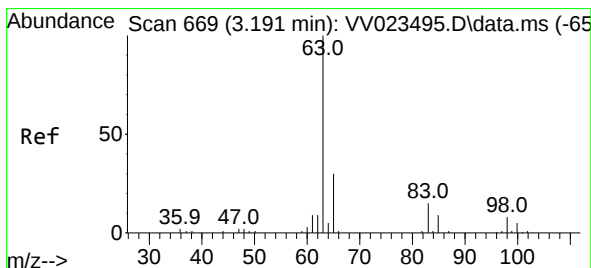
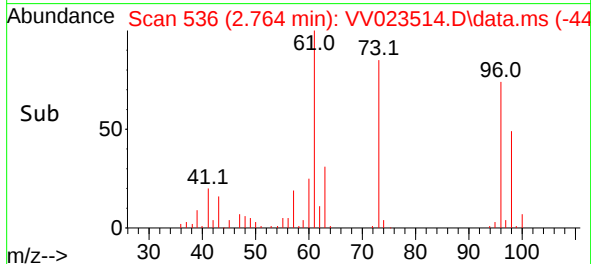
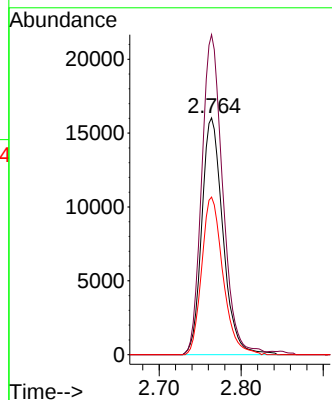
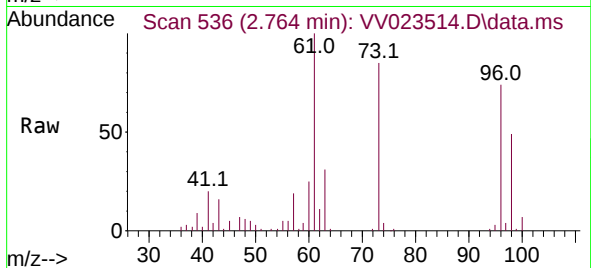




#18
trans-1,2-Dichloroethene
Concen: 3.020 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

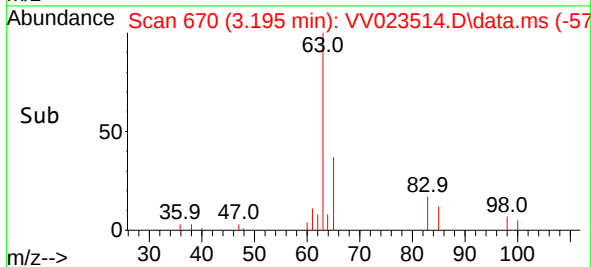
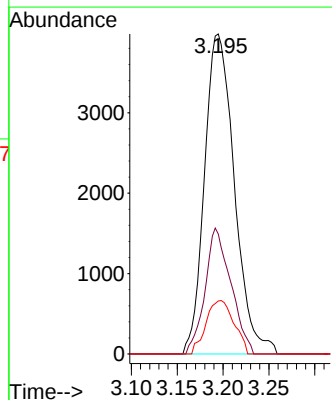
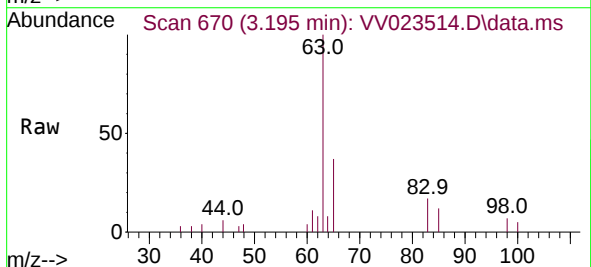
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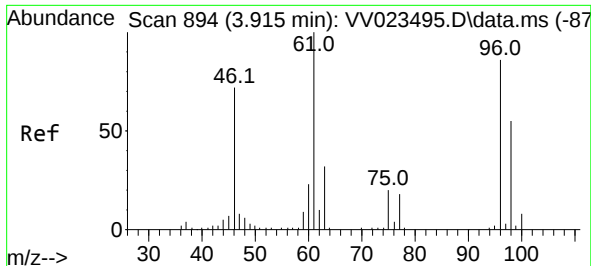
Tgt Ion: 96 Resp: 28744
Ion Ratio Lower Upper
96 100
61 135.2 93.2 173.2
98 66.6 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.562 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 63 Resp: 9031
Ion Ratio Lower Upper
63 100
65 37.5 22.6 42.0
83 16.6 11.1 20.7





#22

cis-1,2-Dichloroethene

Concen: 51.114 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

Instrument :

MSVOA_V

ClientSampleId :

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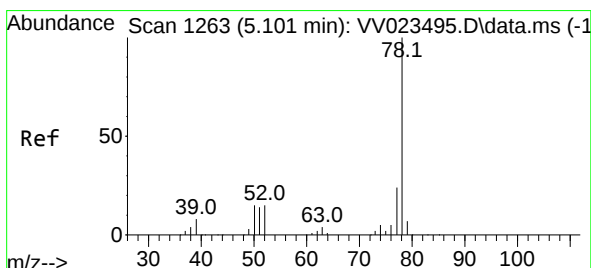
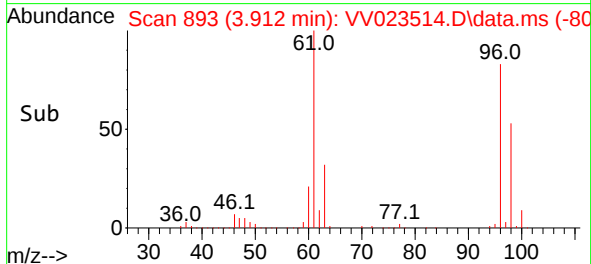
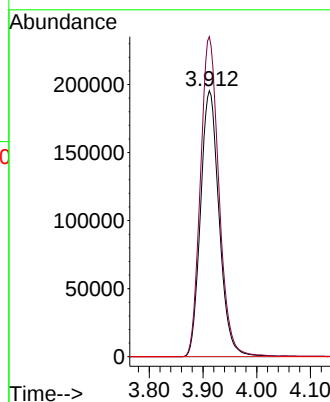
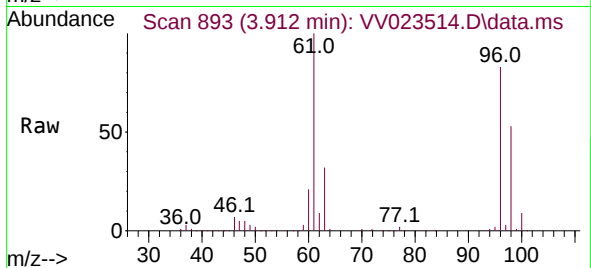
Tgt Ion: 96 Resp: 468265

Ion Ratio Lower Upper

96 100

61 120.3 92.3 171.3

68 0.0 0.4 0.8#



#33

Benzene

Concen: 0.422 ug/L

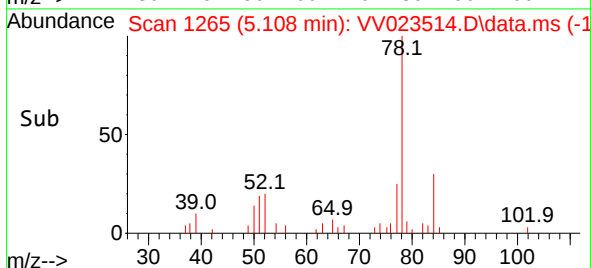
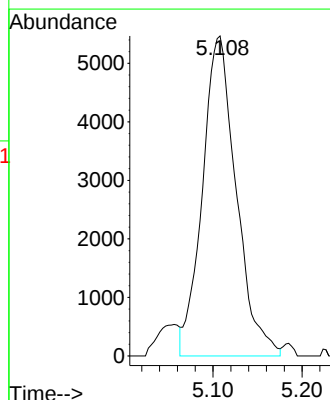
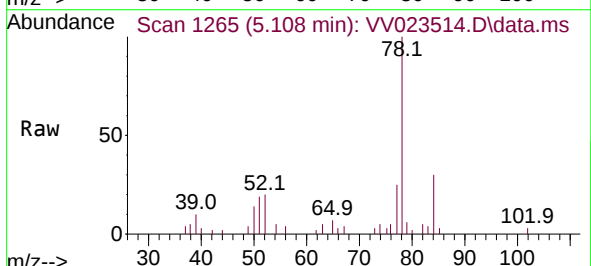
RT: 5.108 min Scan# 1265

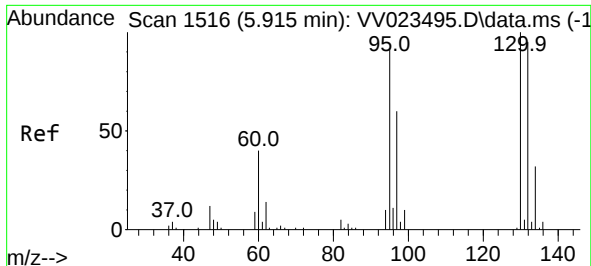
Delta R.T. 0.006 min

Lab File: VV023514.D

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Tgt Ion: 78 Resp: 14393



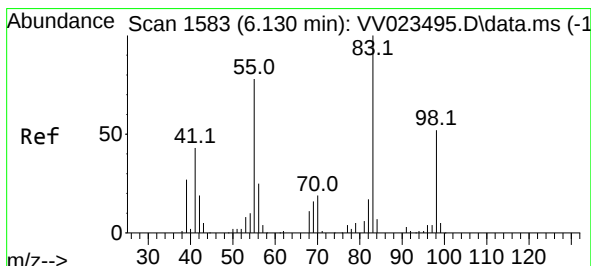
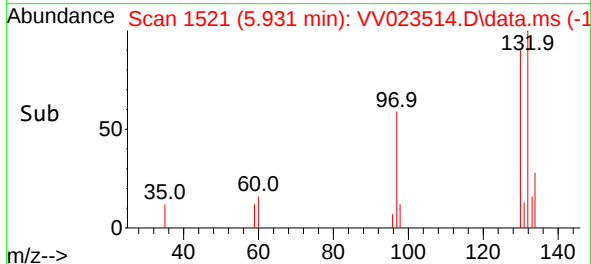
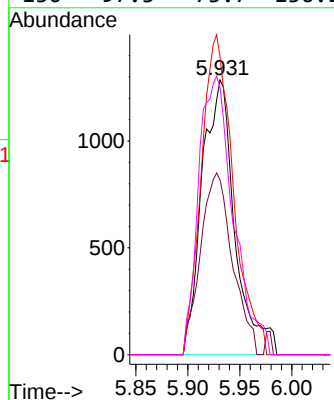
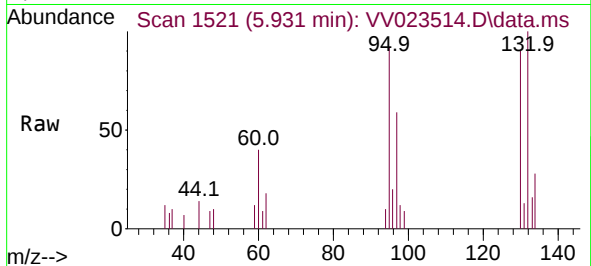


#34
Trichloroethene
Concen: 0.311 ug/L
RT: 5.931 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Instrument :
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Tgt Ion: 95 Resp: 2822

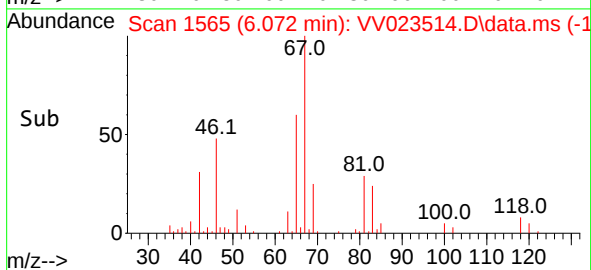
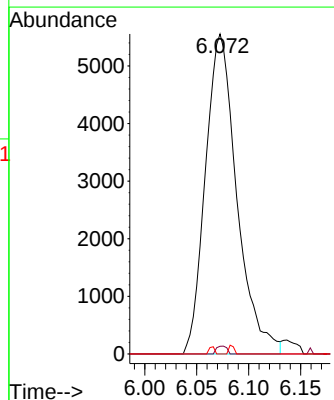
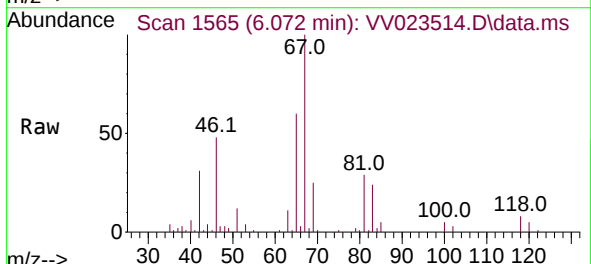
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.0	83.6
132	108.3	69.7	129.4
130	97.3	73.7	136.9

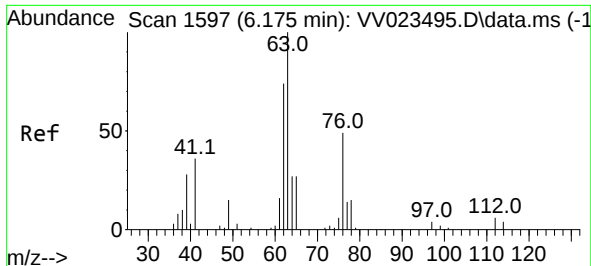


#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion: 83 Resp: 11680

Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.8	94.2#
98	0.5	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

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ClientSampleId :

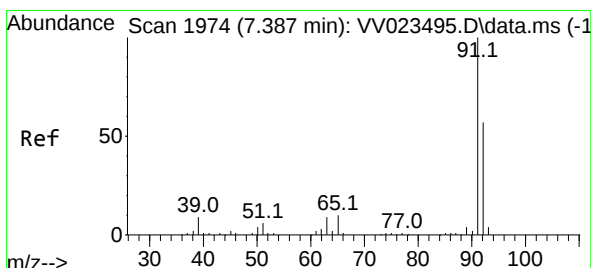
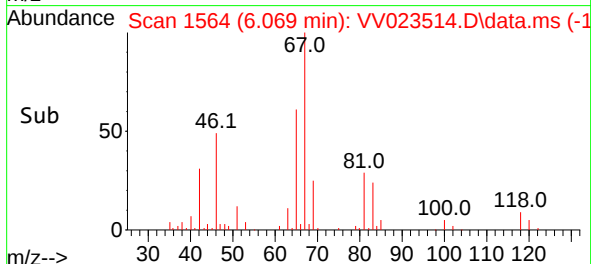
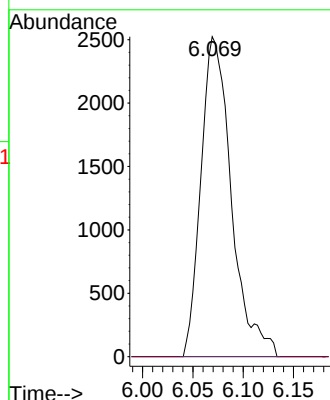
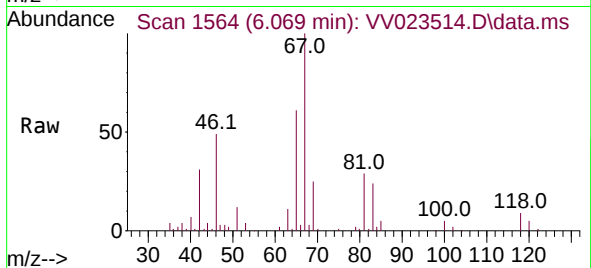
H4652

Tgt Ion: 63 Resp: 5314

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.077 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023514.D

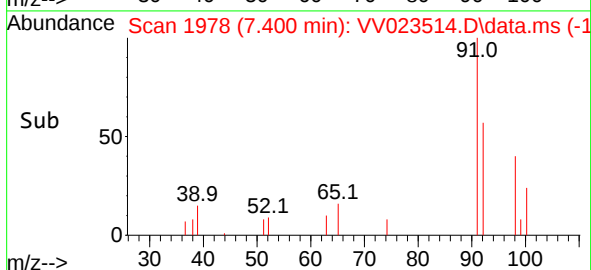
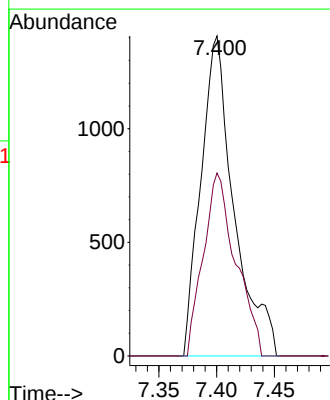
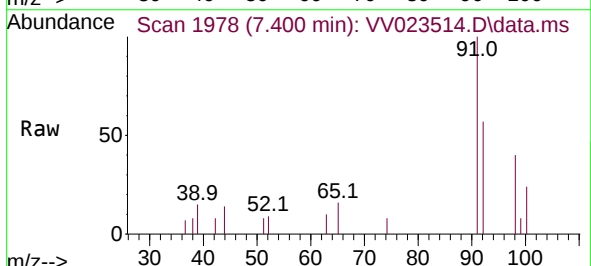
Acq: 16 Nov 2021 03:54

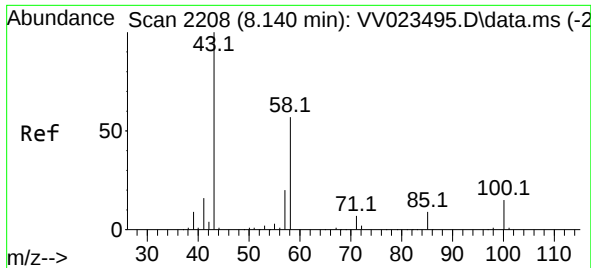
Tgt Ion: 91 Resp: 2810

Ion Ratio Lower Upper

91 100

92 57.2 39.3 72.9

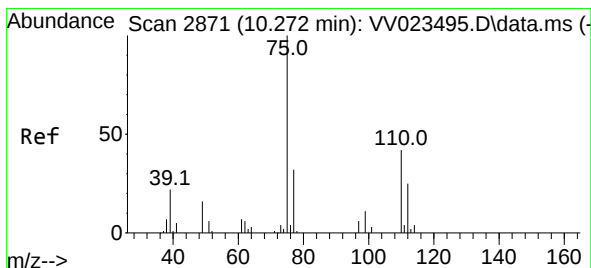
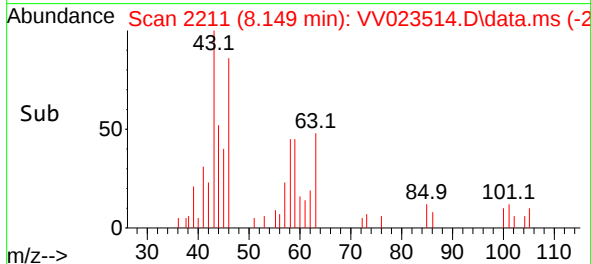
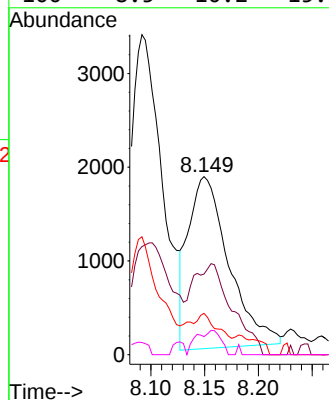
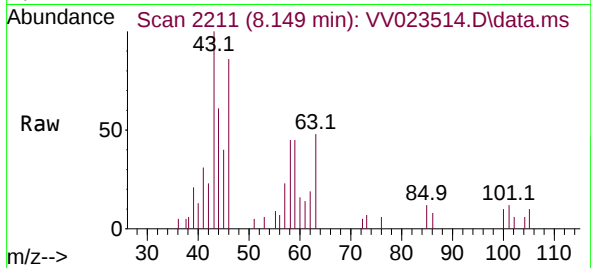




#48
2-Hexanone
Concen: 1.862 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

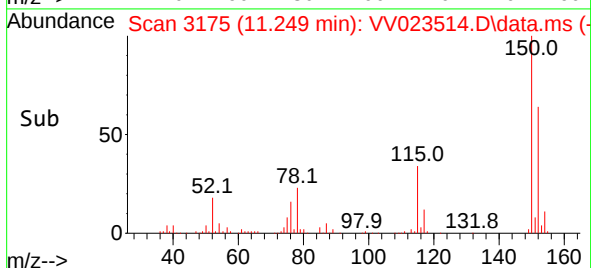
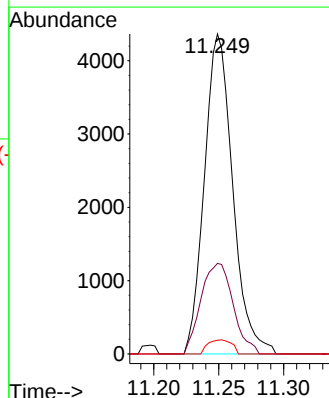
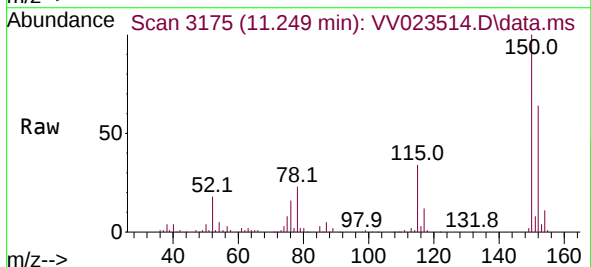
Instrument :
MSVOA_V
ClientSampleId :
H4652

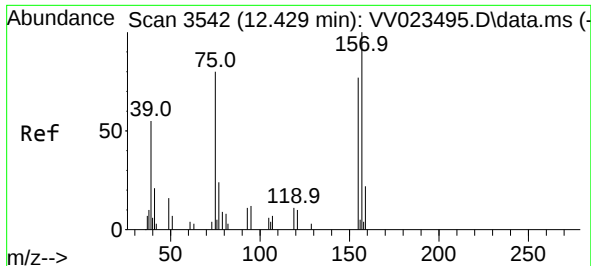
Tgt Ion:	43	Resp:	4823
Ion	Ratio	Lower	Upper
43	100		
58	52.2	43.7	65.5
57	7.1	14.1	21.1#
100	8.5	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.736 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion:	75	Resp:	6613
Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	39.8
110	3.7	31.8	47.6#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.083 ug/L

RT: 12.243 min Scan# 34

Delta R.T. -0.186 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

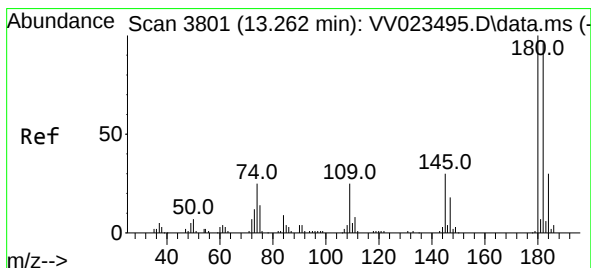
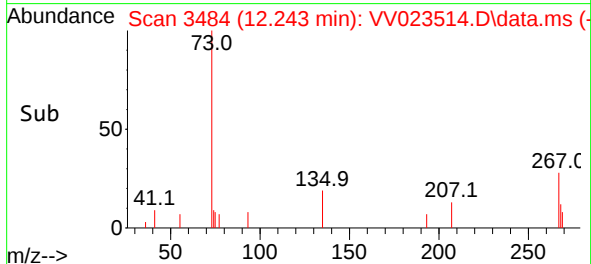
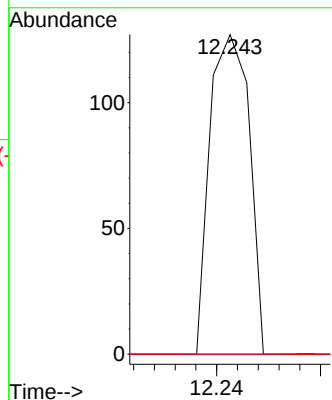
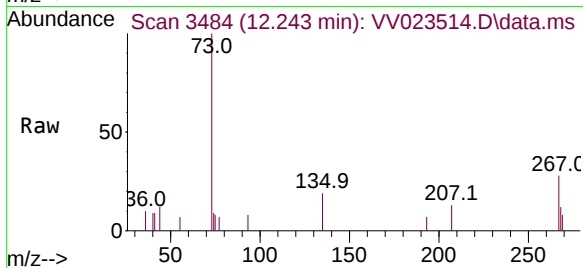
Instrument :

MSVOA_V

ClientSampleId :

H4652

Tgt Ion: 75	Resp:	67
Ion Ratio	Lower	Upper
75	100	
155	0.0	67.7 101.5#
157	0.0	87.9 131.9#



#70

1,2,4-trichlorobenzene

Concen: 0.077 ug/L

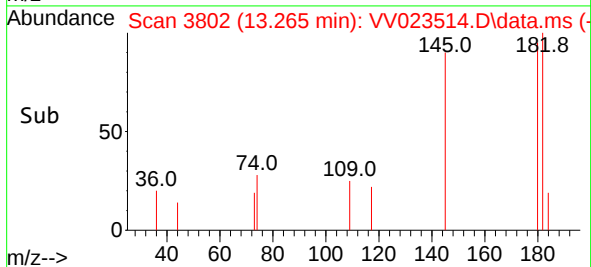
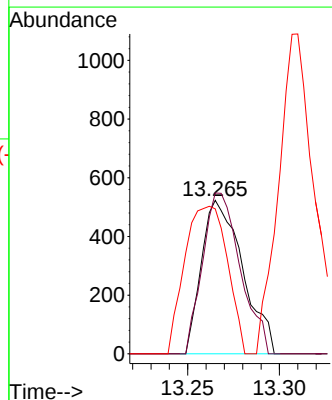
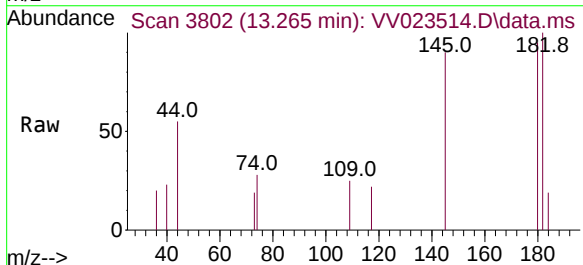
RT: 13.265 min Scan# 3802

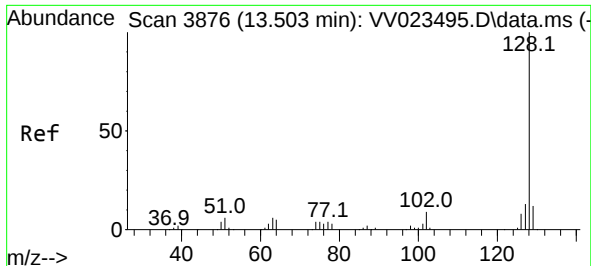
Delta R.T. 0.003 min

Lab File: VV023514.D

Acq: 16 Nov 2021 03:54

Tgt Ion: 180	Resp:	815
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.9 115.3
145	99.8	24.4 36.6#

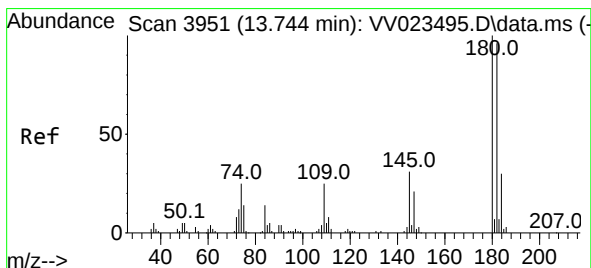
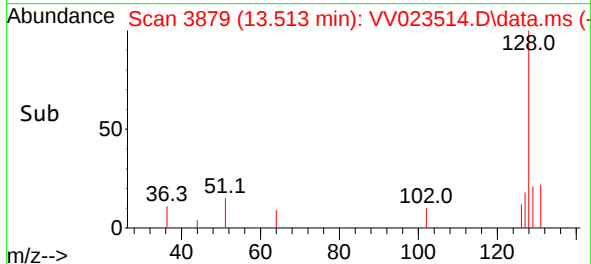
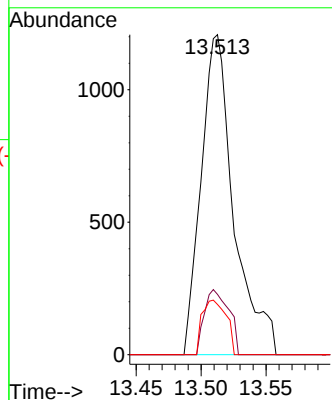
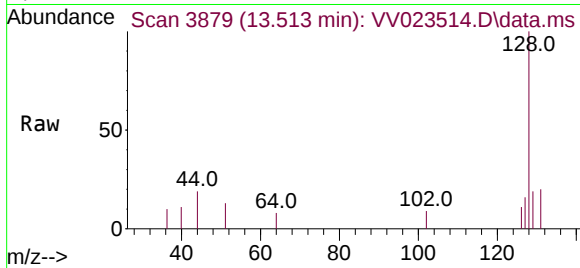




#71
Naphthalene
Concen: 0.136 ug/L
RT: 13.513 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Instrument :
MSVOA_V
ClientSampleId :
H4652

Tgt Ion:128 Resp: 2111
Ion Ratio Lower Upper
128 100
129 15.2 8.6 13.0#
127 12.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.085 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023514.D
Acq: 16 Nov 2021 03:54

Tgt Ion:180 Resp: 787
Ion Ratio Lower Upper
180 100
182 89.2 76.7 115.1
145 42.2 25.7 38.5#

