

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023515.D
 Acq On : 16 Nov 2021 04:18
 Operator : SY/MD
 Sample : M4694-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4653

Quant Time: Nov 16 05:19:29 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	129808	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57984	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39739	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.571	69	32681	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.111	63	54211	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.899	46	76294	54.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.920%
24) Chloroform-d	4.352	84	77219	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.034	65	37340	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.053	84	148328	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	43074	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	128729	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.625	79	14523	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.091	63	53544	40.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29002	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49212	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	544	0.051	ug/L	95
5) Vinyl chloride	1.314	62	138451	12.882	ug/L	99
8) Chloroethane	1.587	64	3588	0.578	ug/L #	73
12) 1,1-Dichloroethene	2.105	96	526	0.068	ug/L #	1
13) Acetone	2.195	43	3120	3.645	ug/L	82
17) Methyl tert-butyl Ether	2.767	73	34074	2.000	ug/L #	91
18) trans-1,2-Dichloroethene	2.764	96	60606	6.369	ug/L	96
19) 1,1-Dichloroethane	3.195	63	28934	1.801	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	25811	2.818	ug/L #	84
30) Cyclohexane	4.680	56	1388	0.101	ug/L #	80
33) Benzene	5.104	78	26555	0.755	ug/L	100
34) Trichloroethene	5.928	95	571	0.061	ug/L	83
35) Methylcyclohexane	6.069	83	11451	0.776	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5289	0.644	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1161	0.098	ug/L #	78
42) Toluene	7.403	91	3685	0.098	ug/L	98
48) 2-Hexanone	8.146	43	3469	1.300	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	5675	1.473	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

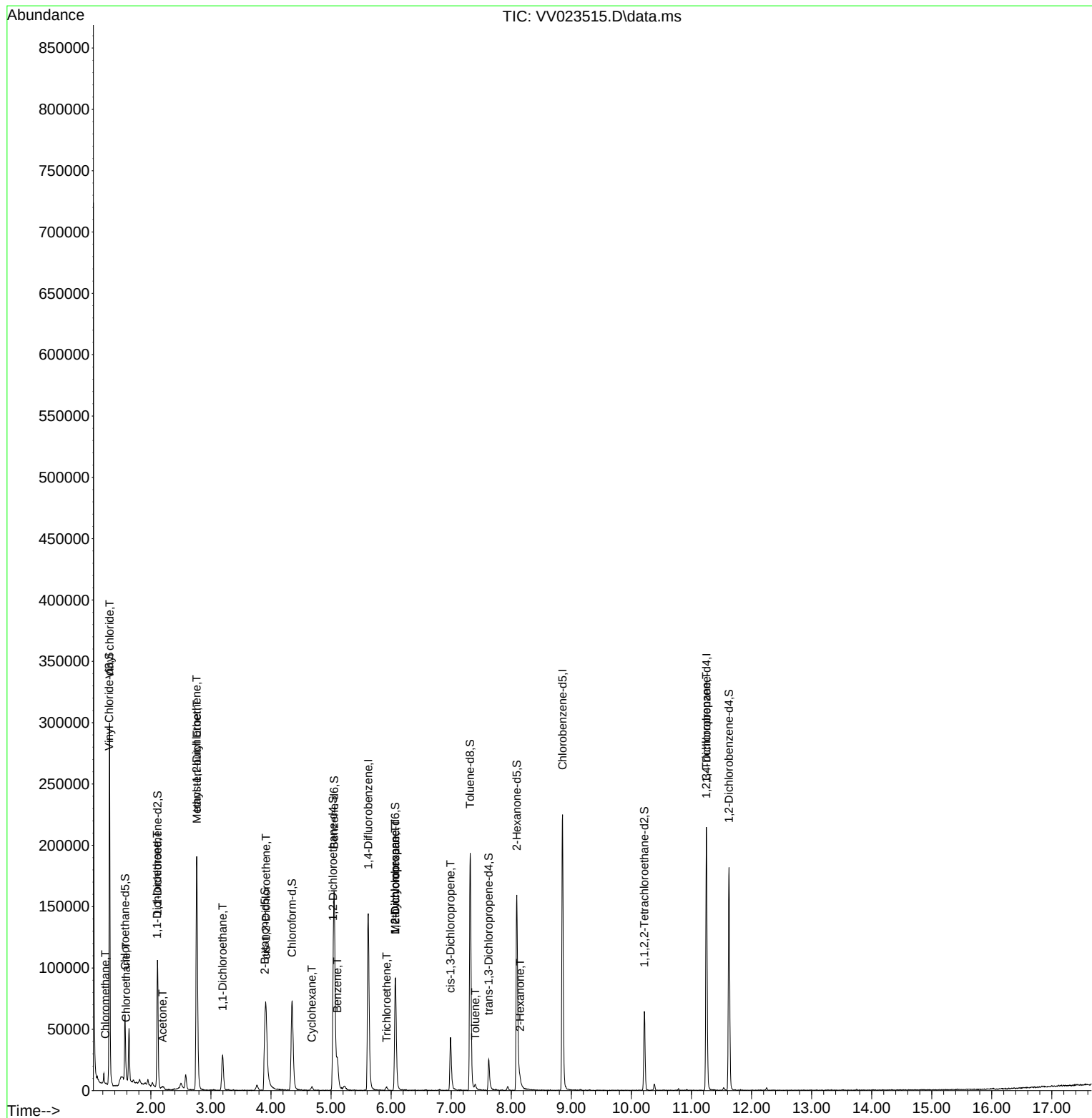
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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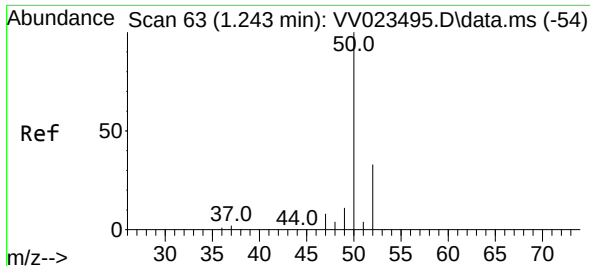
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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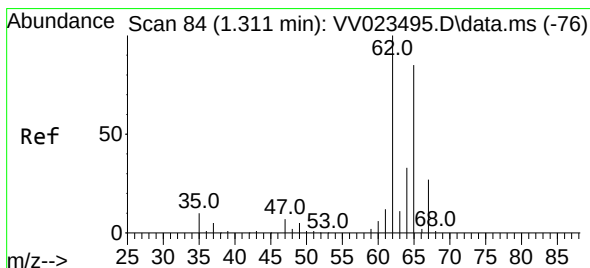
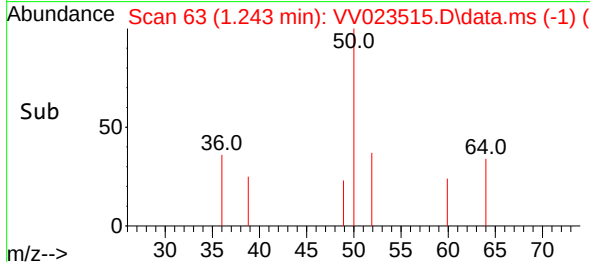
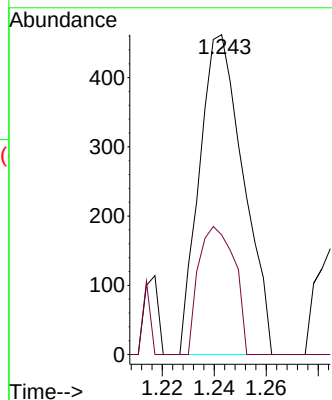
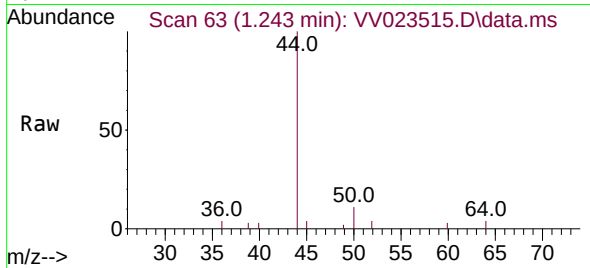




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

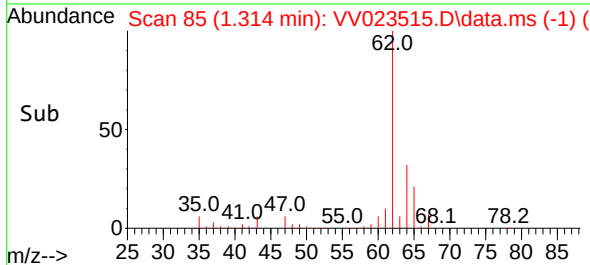
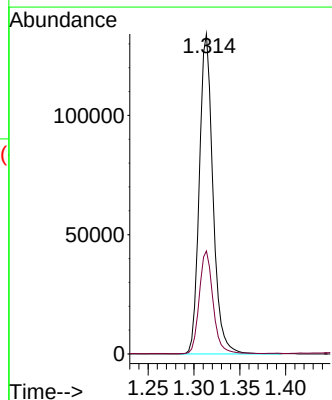
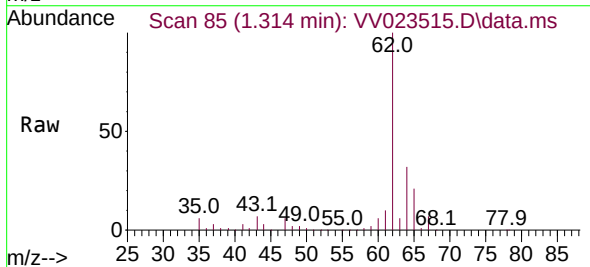
Instrument :
MSVOA_V
ClientSampleId :
H4653

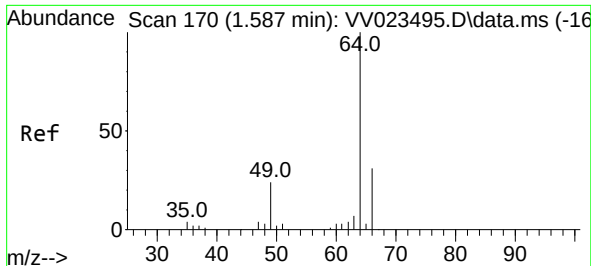
Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 37.4 24.3 45.1



#5
Vinyl chloride
Concen: 12.882 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Tgt Ion: 62 Resp: 138451
Ion Ratio Lower Upper
62 100
64 32.2 23.1 42.9

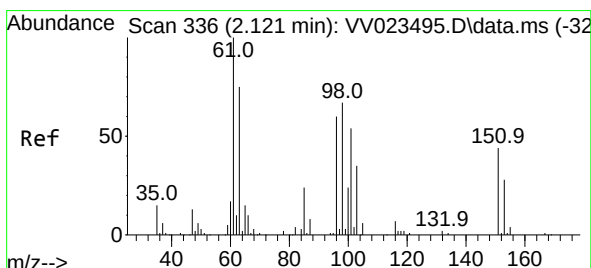
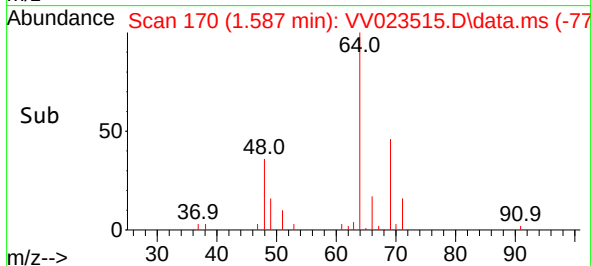
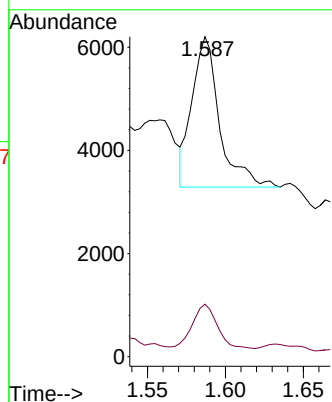
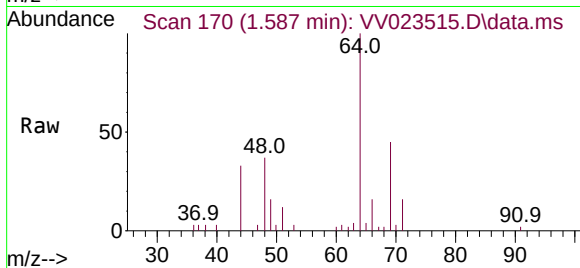




#8
Chloroethane
Concen: 0.578 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

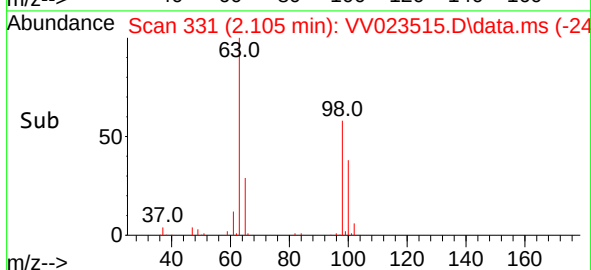
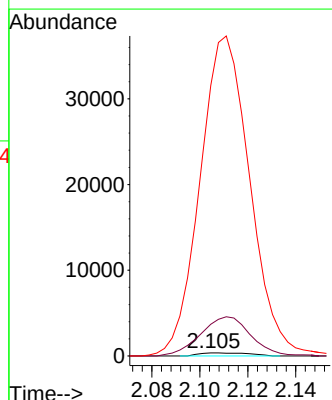
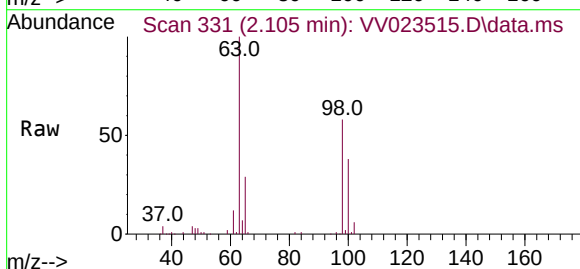
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ClientSampleId :
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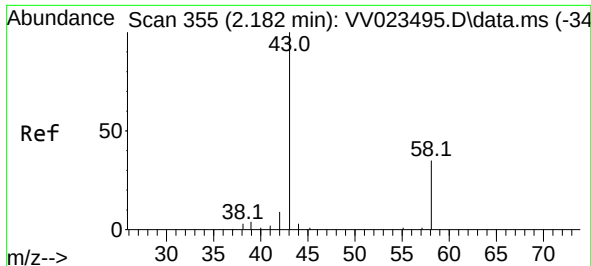
Tgt Ion: 64 Resp: 3588
Ion Ratio Lower Upper
64 100
66 16.4 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.016 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Tgt Ion: 96 Resp: 526
Ion Ratio Lower Upper
96 100
61 1050.6 121.5 225.7#
63 8963.6 99.6 185.0#





#13

Acetone

Concen: 3.645 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV023515.D

Acq: 16 Nov 2021 04:18

Instrument :

MSVOA_V

ClientSampleId :

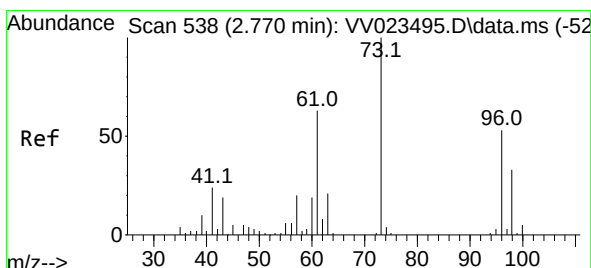
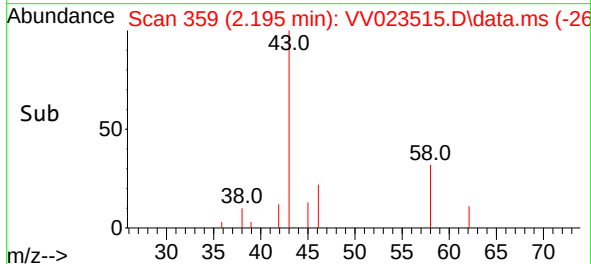
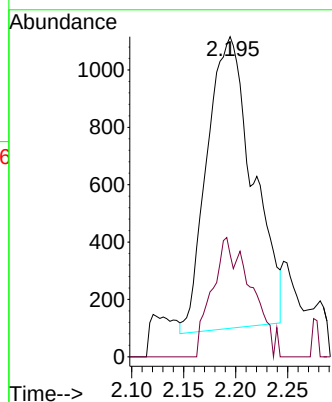
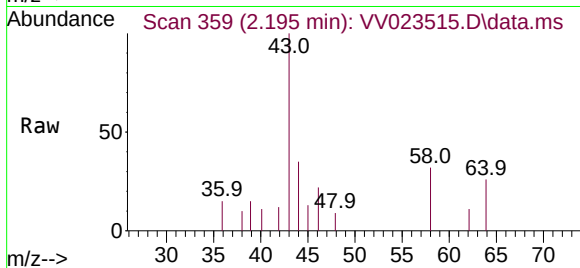
H4653

Tgt Ion: 43 Resp: 3120

Ion Ratio Lower Upper

43 100

58 18.5 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 2.000 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.003 min

Lab File: VV023515.D

Acq: 16 Nov 2021 04:18

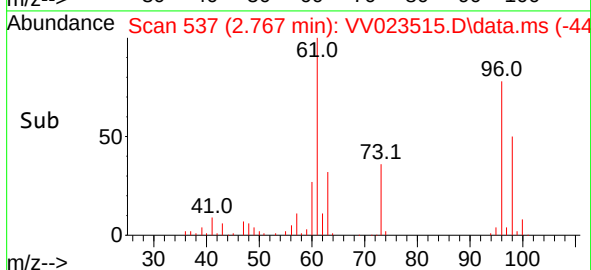
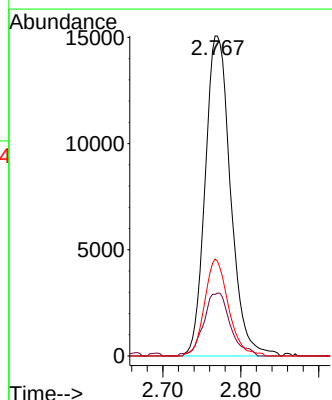
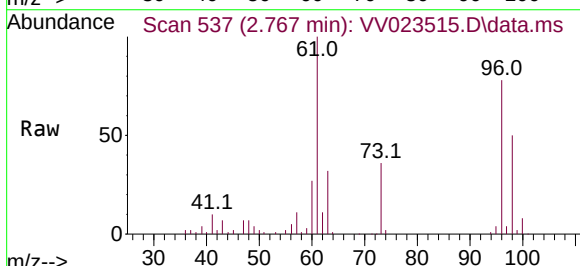
Tgt Ion: 73 Resp: 34074

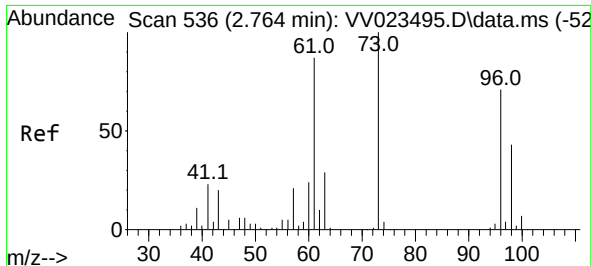
Ion Ratio Lower Upper

73 100

43 20.7 17.4 26.0

57 28.5 16.5 24.7#

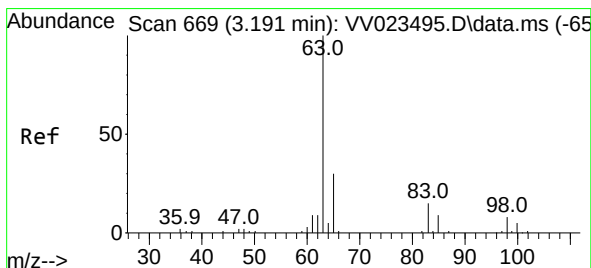
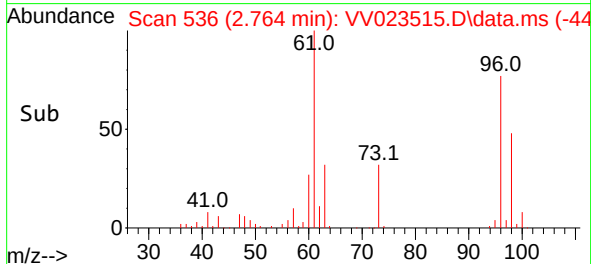
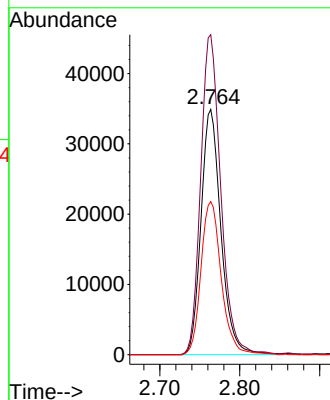
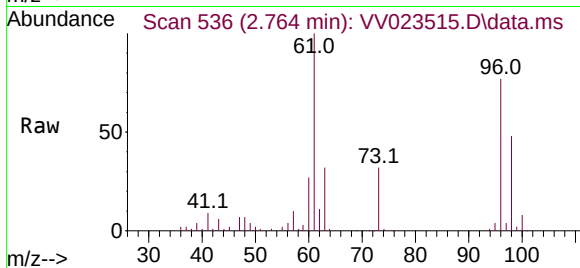




#18
trans-1,2-Dichloroethene
Concen: 6.369 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

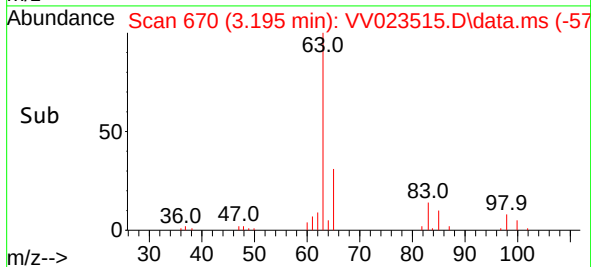
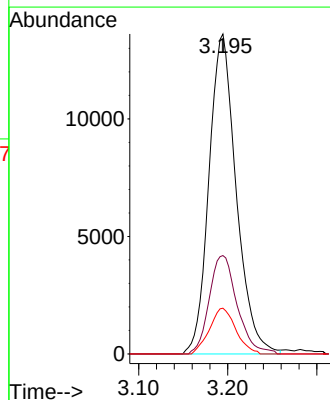
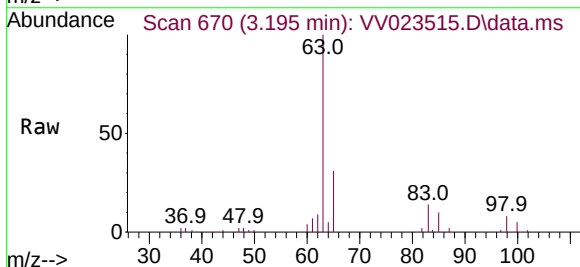
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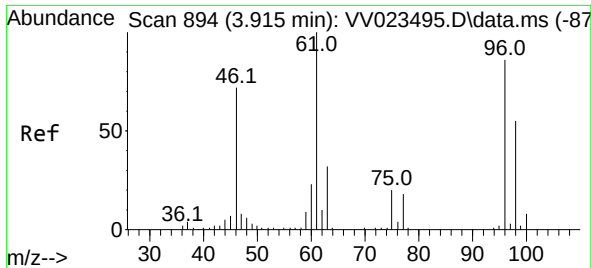
Tgt Ion: 96 Resp: 60606
Ion Ratio Lower Upper
96 100
61 130.4 93.2 173.2
98 62.4 47.0 87.2



#19
1,1-Dichloroethane
Concen: 1.801 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Tgt Ion: 63 Resp: 28934
Ion Ratio Lower Upper
63 100
65 30.7 22.6 42.0
83 14.3 11.1 20.7

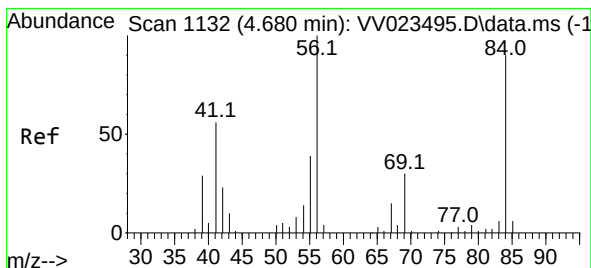
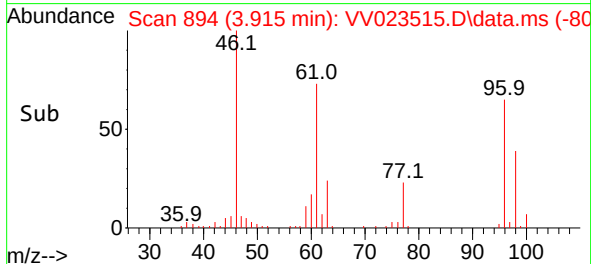
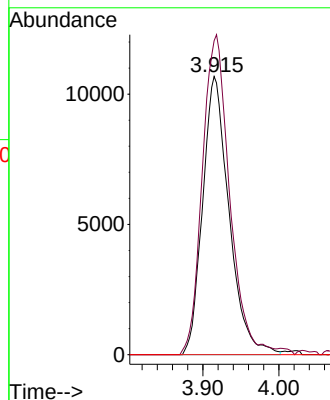
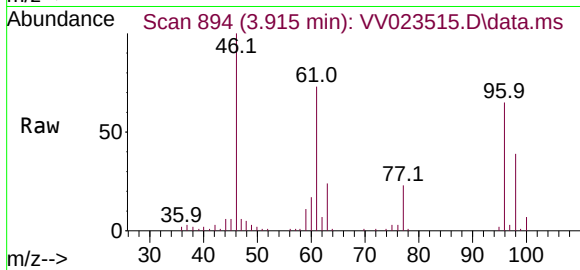




#22
 cis-1,2-Dichloroethene
 Concen: 2.818 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV023515.D
 Acq: 16 Nov 2021 04:18

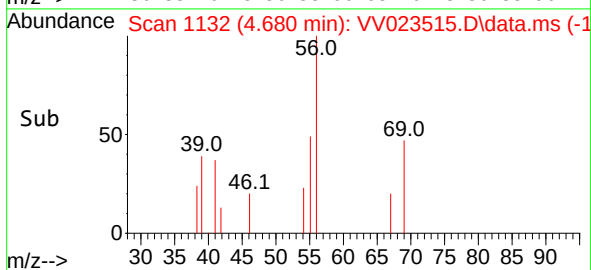
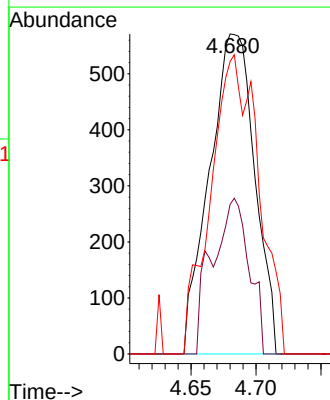
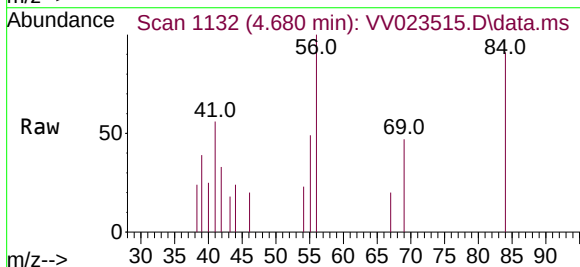
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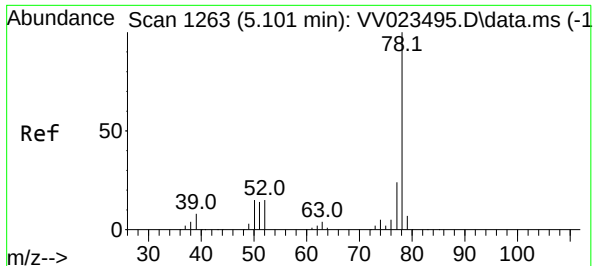
Tgt Ion: 96 Resp: 25811
 Ion Ratio Lower Upper
 96 100
 61 112.9 92.3 171.3
 68 0.0 0.4 0.8#



#30
 Cyclohexane
 Concen: 0.101 ug/L
 RT: 4.680 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VV023515.D
 Acq: 16 Nov 2021 04:18

Tgt Ion: 56 Resp: 1388
 Ion Ratio Lower Upper
 56 100
 69 30.5 23.5 35.3
 84 64.7 71.6 107.4#

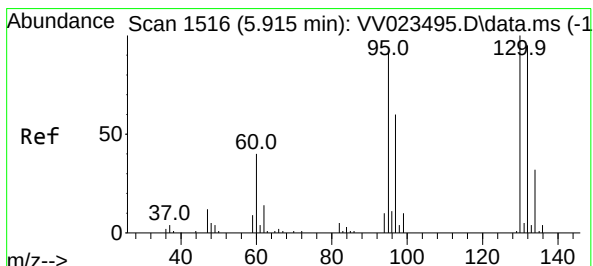
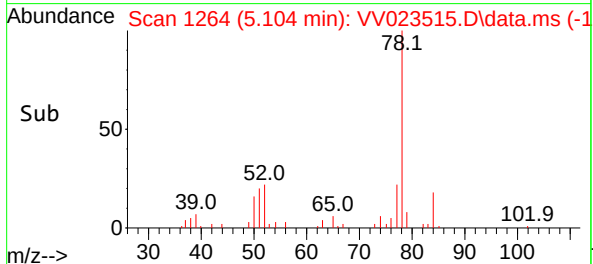
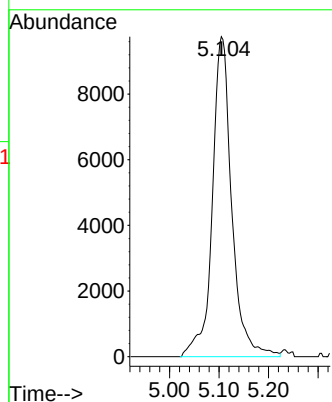
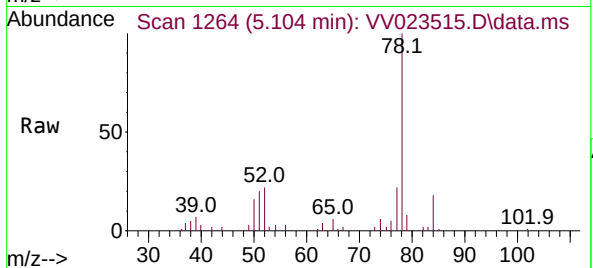




#33
Benzene
Concen: 0.755 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.003 min
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Acq: 16 Nov 2021 04:18

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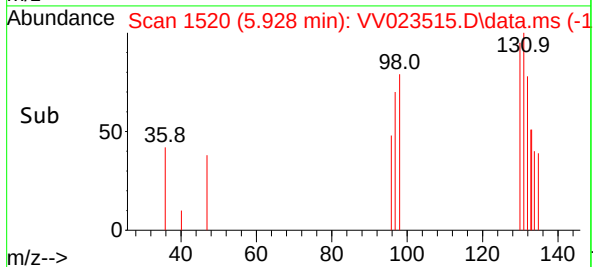
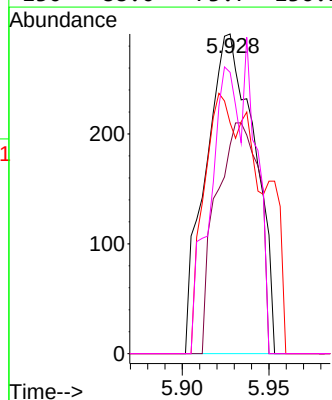
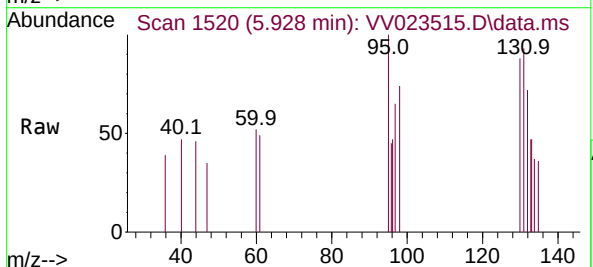
Tgt Ion: 78 Resp: 26555

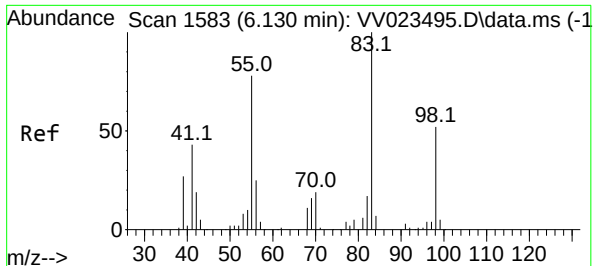


#34
Trichloroethene
Concen: 0.061 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.013 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Tgt Ion: 95 Resp: 571

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.0	83.6
132	72.2	69.7	129.4
130	88.0	73.7	136.9





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023515.D

Acq: 16 Nov 2021 04:18

Instrument :

MSVOA_V

ClientSampleId :

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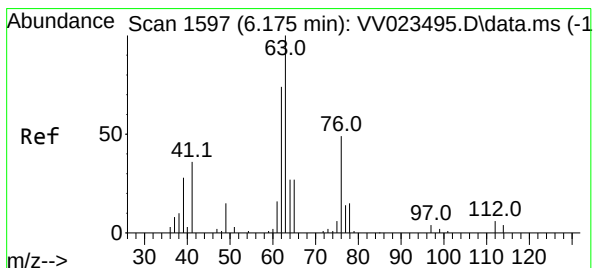
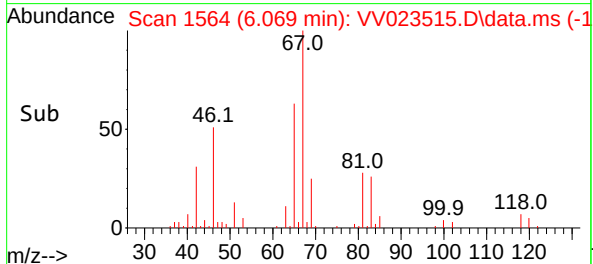
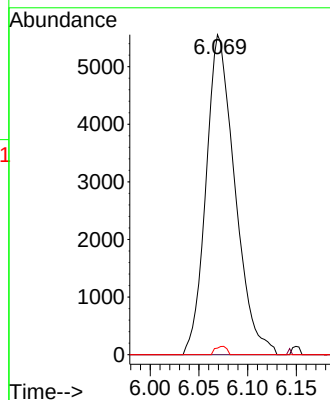
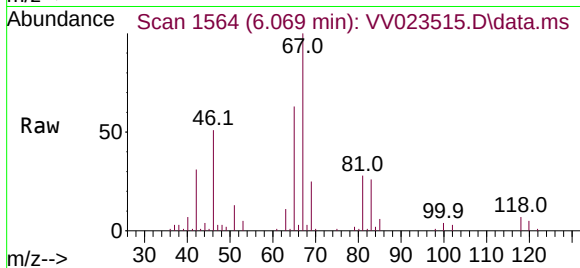
Tgt Ion: 83 Resp: 11451

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 1.0 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023515.D

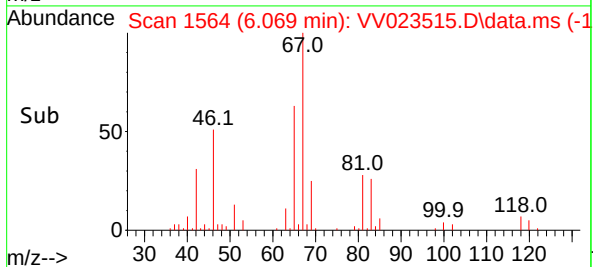
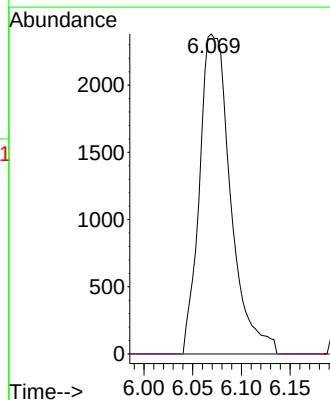
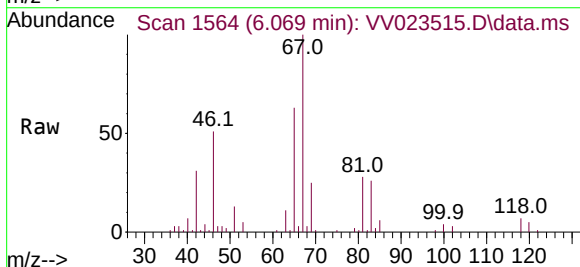
Acq: 16 Nov 2021 04:18

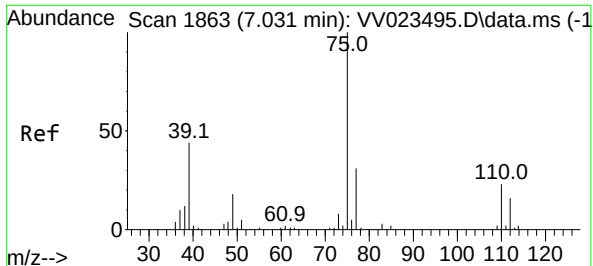
Tgt Ion: 63 Resp: 5289

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023515.D

Acq: 16 Nov 2021 04:18

Instrument :

MSVOA_V

ClientSampleId :

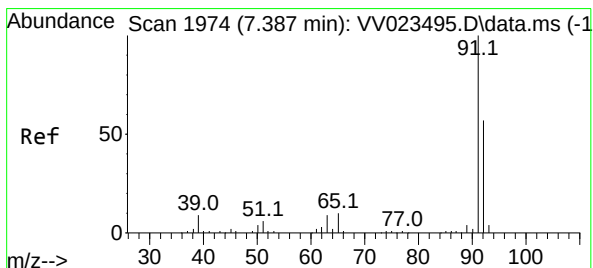
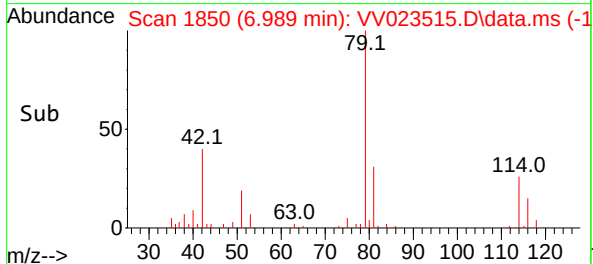
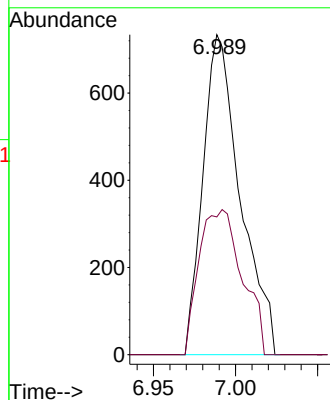
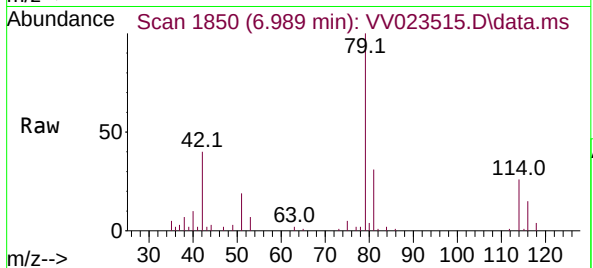
H4653

Tgt Ion: 75 Resp: 1161

Ion Ratio Lower Upper

75 100

77 43.1 21.6 40.2#



#42

Toluene

Concen: 0.098 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023515.D

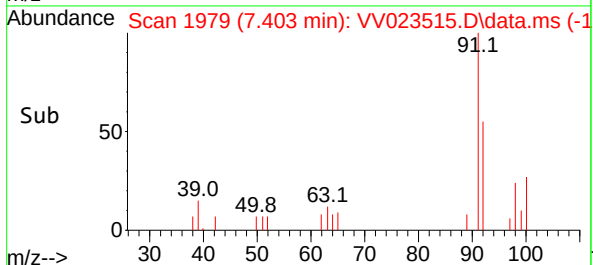
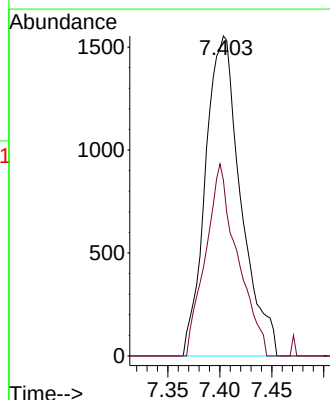
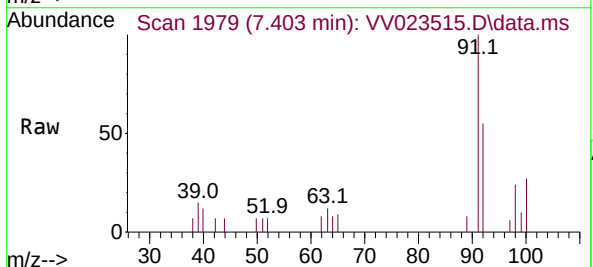
Acq: 16 Nov 2021 04:18

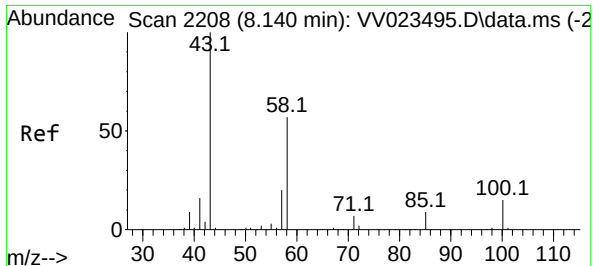
Tgt Ion: 91 Resp: 3685

Ion Ratio Lower Upper

91 100

92 54.9 39.3 72.9

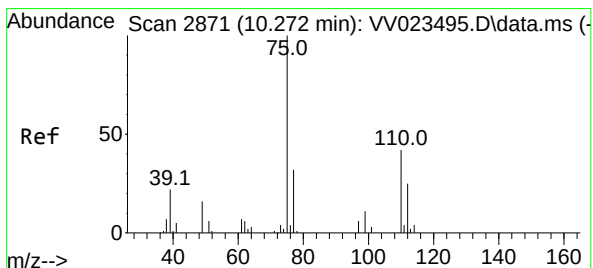
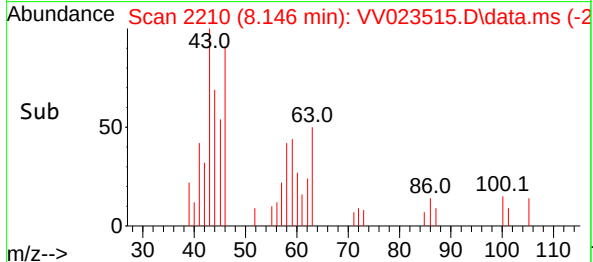
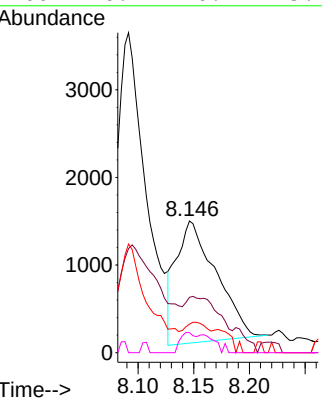
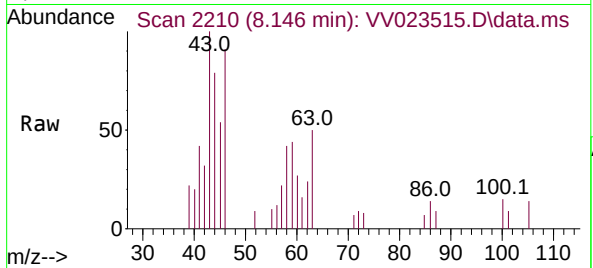




#48
2-Hexanone
Concen: 1.300 ug/L
RT: 8.146 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Instrument :
MSVOA_V
ClientSampleId :
H4653

Tgt Ion: 43	Resp:	3469
Ion	Ratio	Lower Upper
43	100	
58	23.9	43.7 65.5#
57	4.8	14.1 21.1#
100	6.4	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.473 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023515.D
Acq: 16 Nov 2021 04:18

Tgt Ion: 75	Resp:	5675
Ion	Ratio	Lower Upper
75	100	
77	39.3	26.6 39.8
110	3.8	31.8 47.6#

