

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029318.D
 Acq On : 24 Nov 2022 01:09
 Operator : SY/MD
 Sample : N5725-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:54:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	284120	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	247338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	125565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86472	4.946	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.565	69	63670	4.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.400%	
11) 1,1-Dichloroethene-d2	2.105	63	106615	3.810	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	3.886	46	150158	51.336	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.680%	
24) Chloroform-d	4.339	84	149168	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.024	65	70792	5.155	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.043	84	338948	4.958	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.063	67	95558	4.975	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.307	98	312223	4.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.616	79	36105	4.875	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.085	63	122373	46.357	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.720%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60956	5.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	111026	5.061	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1324	0.068	ug/L	99
5) Vinyl chloride	1.311	62	1546	0.080	ug/L #	12
8) Chloroethane	1.307	64	1478	0.128	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	13714	0.939	ug/L #	1
17) Methyl tert-butyl Ether	2.761	73	1377	0.037	ug/L #	82
18) trans-1,2-Dichloroethene	2.757	96	638	0.038	ug/L #	67
19) 1,1-Dichloroethane	3.185	63	76540	2.536	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	110045	5.738	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2181	0.128	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	64985	2.284	ug/L	98
31) Carbon tetrachloride	4.603	117	8951	0.372	ug/L	99
33) Benzene	5.095	78	20440	0.276	ug/L	100
34) Trichloroethene	5.908	95	107667	5.705	ug/L	99
35) Methylcyclohexane	6.063	83	22730	0.714	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	9910	0.569	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2302	0.090	ug/L #	38
52) Ethylbenzene	9.008	91	3116	0.038	ug/L	97
53) m,p-Xylene	9.133	106	1634	0.050	ug/L	79
54) o-Xylene	9.538	106	2077	0.065	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 01:40:30 2022
Response via : Initial Calibration

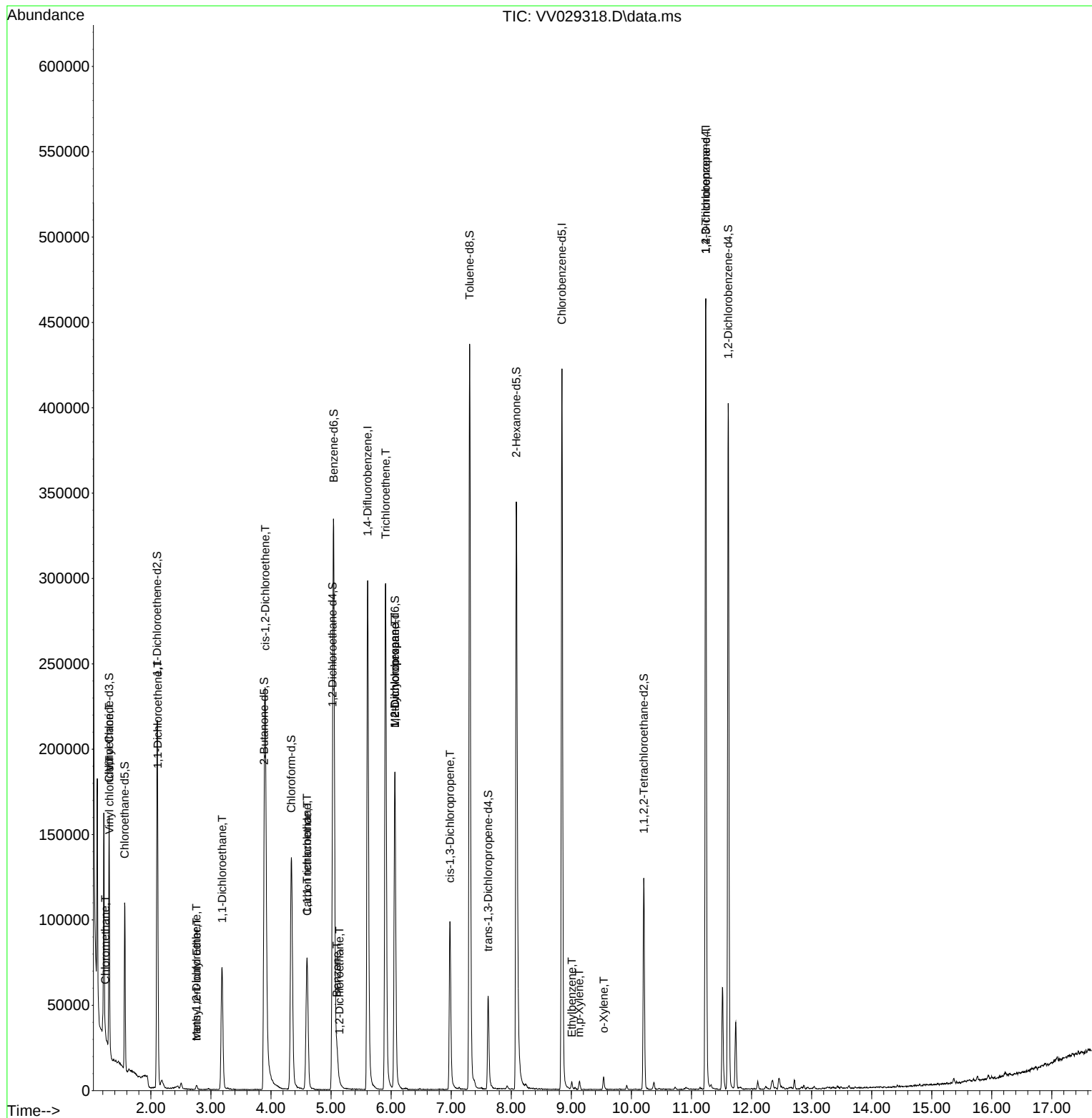
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.239	75	13714	1.575	ug/L	# 65

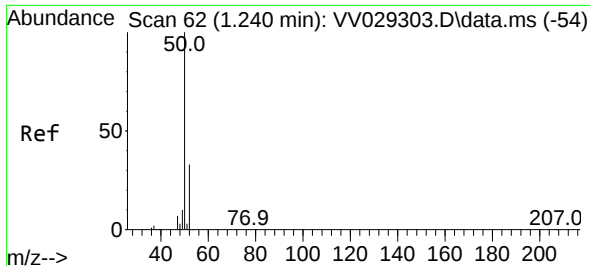
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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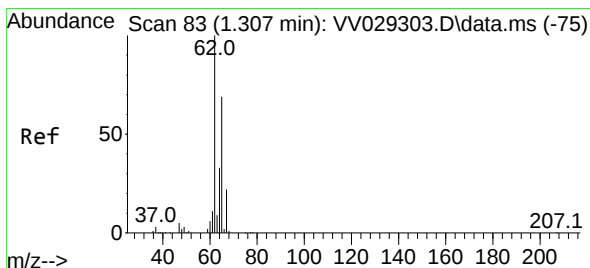
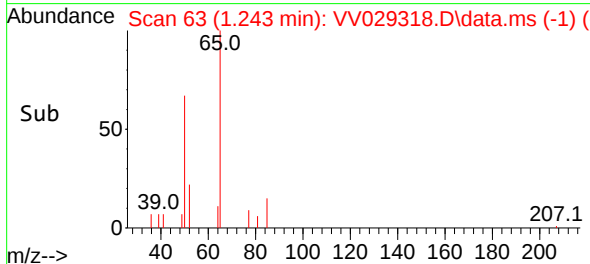
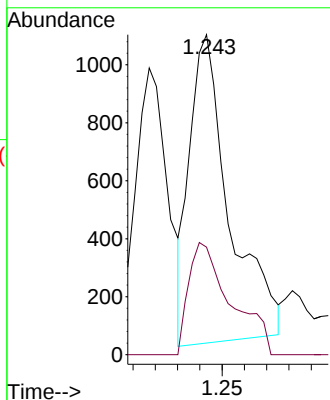
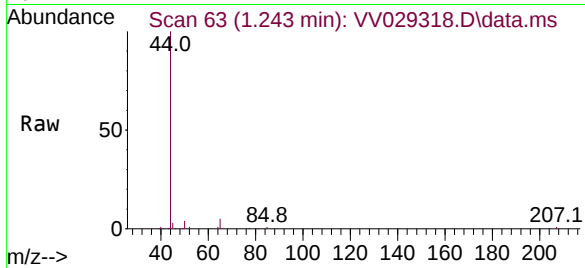




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

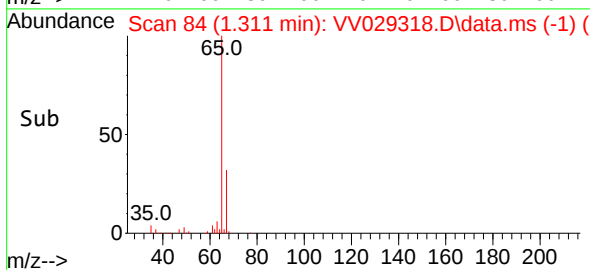
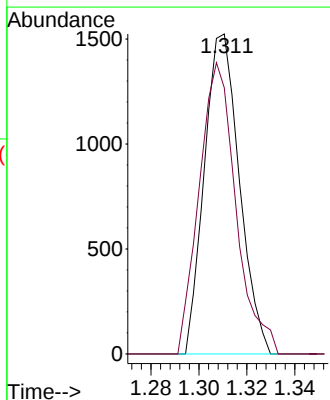
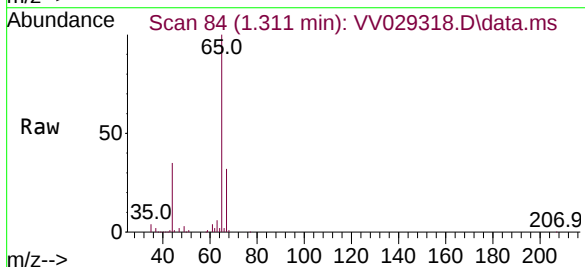
Instrument :
MSVOA_V
ClientSampleId :

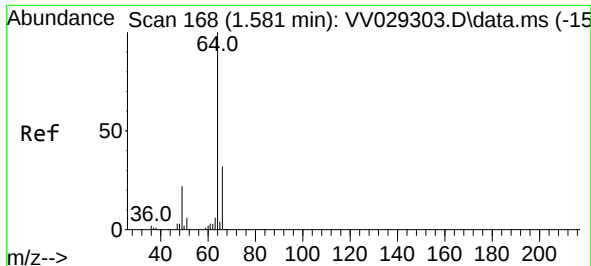
Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2



#5
Vinyl chloride
Concen: 0.080 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Tgt Ion: 62 Resp: 1546
Ion Ratio Lower Upper
62 100
64 83.2 23.4 43.4#





#8

Chloroethane

Concen: 0.128 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.273 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

Instrument :

MSVOA_V

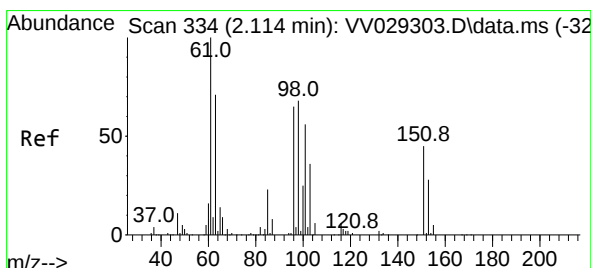
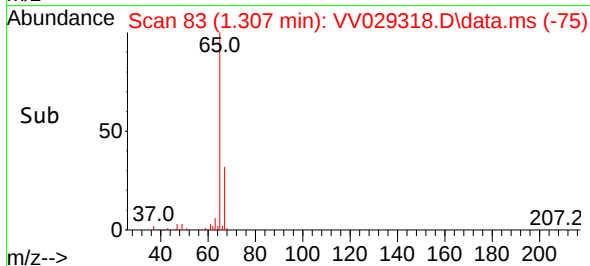
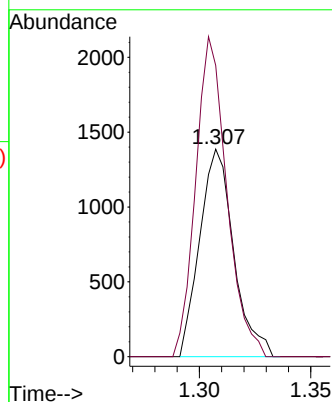
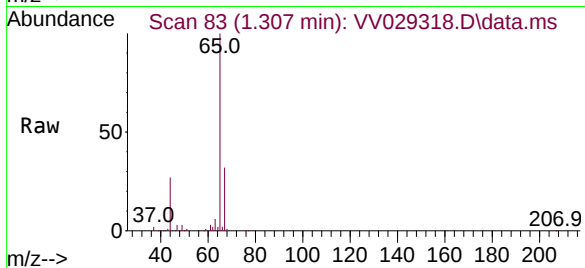
ClientSampleId :

Tgt Ion: 64 Resp: 1478

Ion Ratio Lower Upper

64 100

66 140.3 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 0.939 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

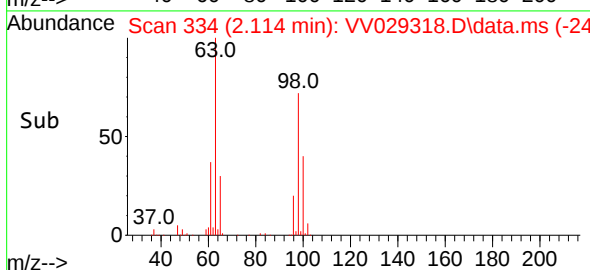
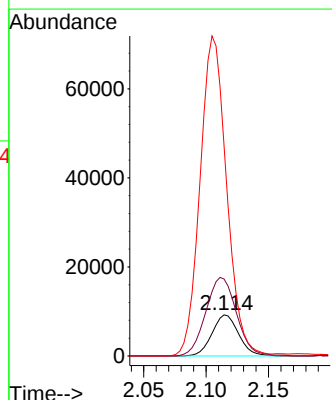
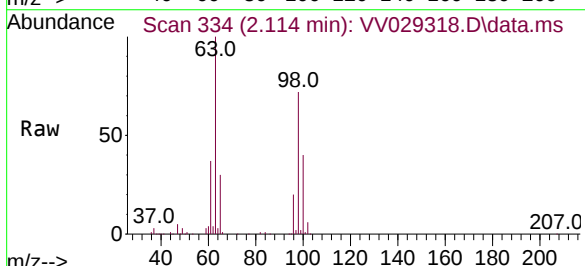
Tgt Ion: 96 Resp: 13714

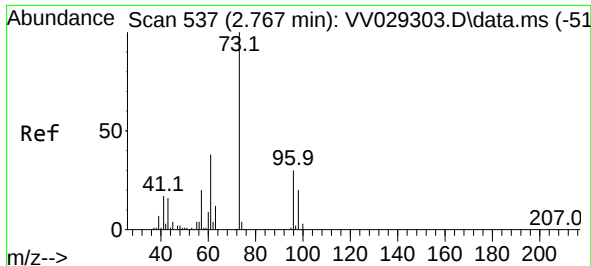
Ion Ratio Lower Upper

96 100

61 186.6 110.3 204.9

63 510.6 84.4 156.8#





#17

Methyl tert-butyl Ether

Concen: 0.037 ug/L

RT: 2.761 min Scan# 51

Delta R.T. -0.006 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

Instrument :

MSVOA_V

ClientSampleId :

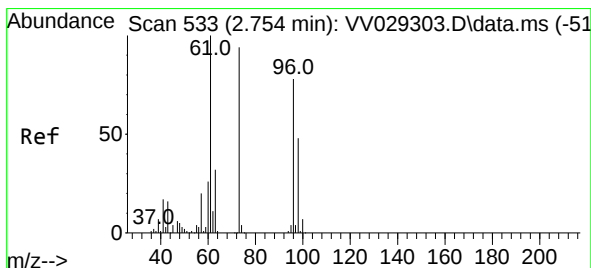
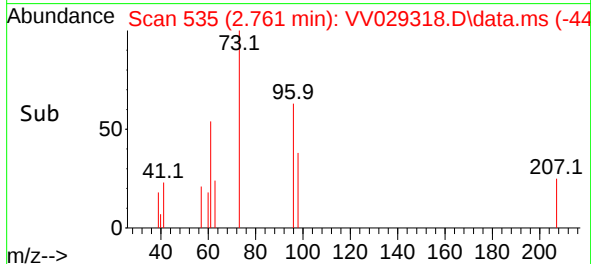
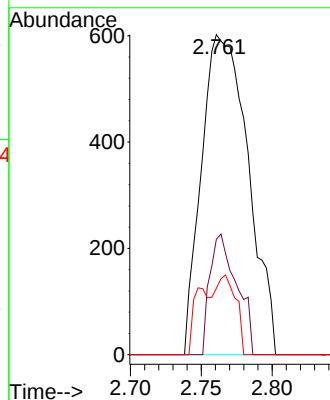
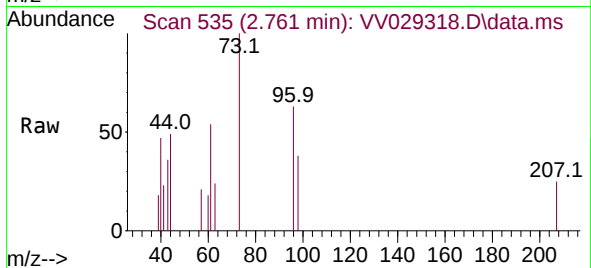
Tgt Ion: 73 Resp: 1377

Ion Ratio Lower Upper

73 100

43 21.9 13.2 19.8#

57 10.6 16.9 25.3#



#18

trans-1,2-Dichloroethene

Concen: 0.038 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

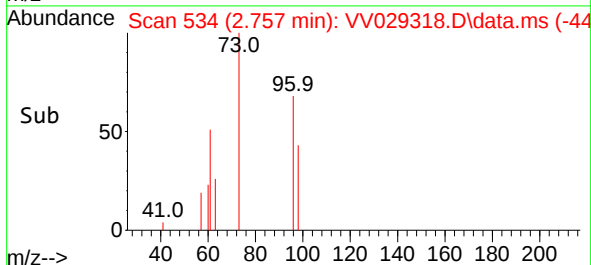
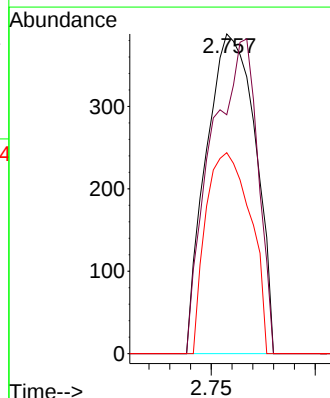
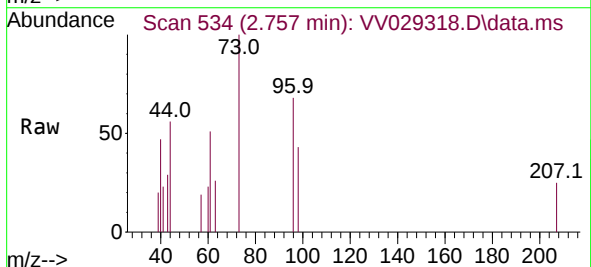
Tgt Ion: 96 Resp: 638

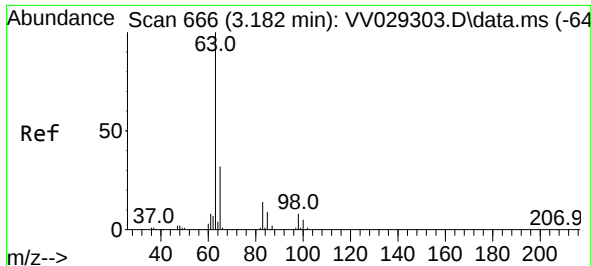
Ion Ratio Lower Upper

96 100

61 74.7 93.0 172.6#

98 62.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 2.536 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

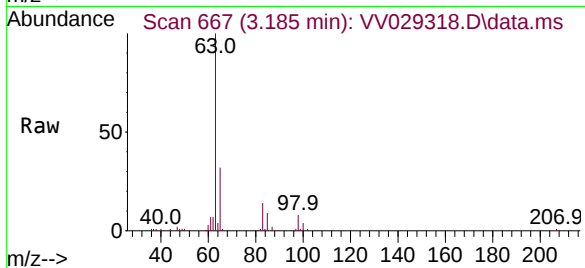
Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

Instrument :

MSVOA_V

ClientSampleId :



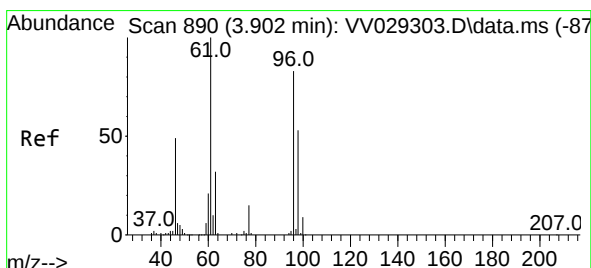
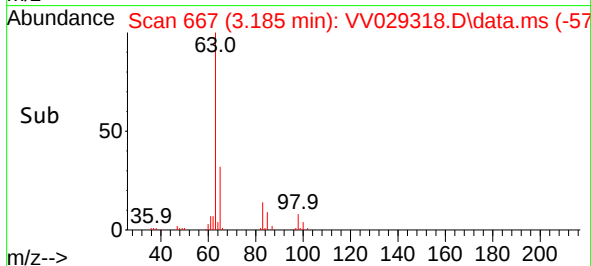
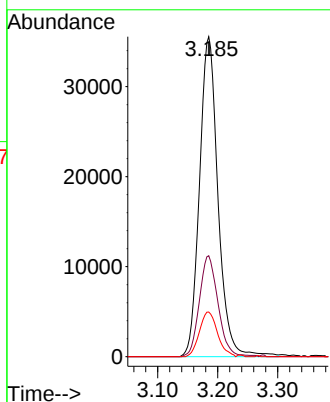
Tgt Ion: 63 Resp: 76540

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.2

83 13.9 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 5.738 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

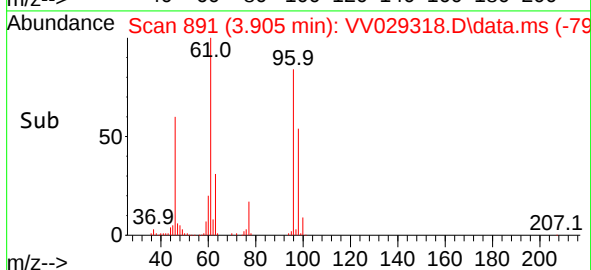
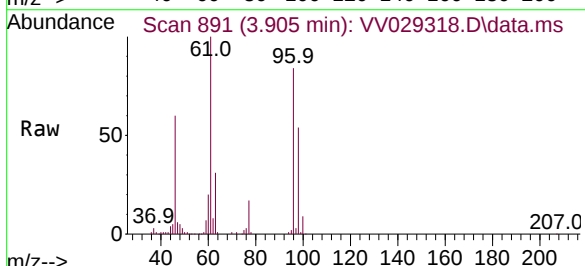
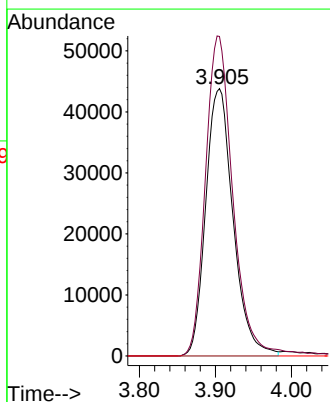
Tgt Ion: 96 Resp: 110045

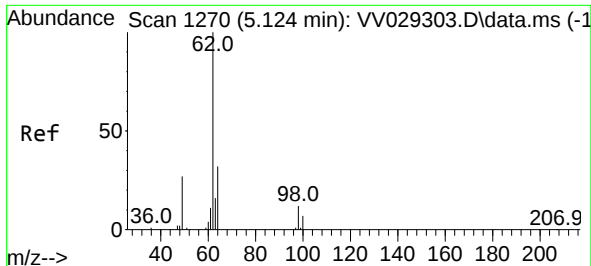
Ion Ratio Lower Upper

96 100

61 119.5 85.8 159.3

68 0.0 0.0 0.0

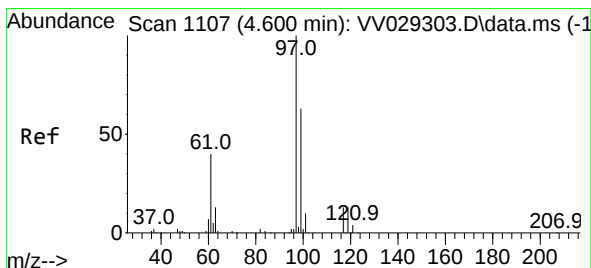
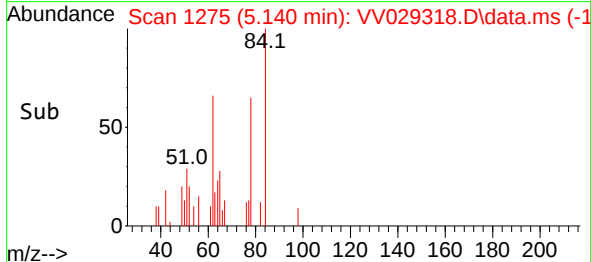
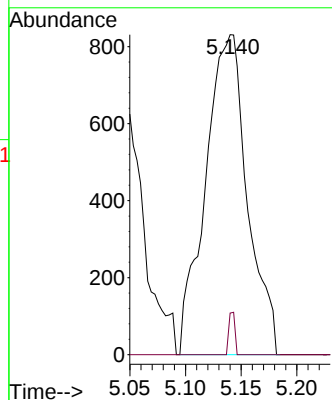
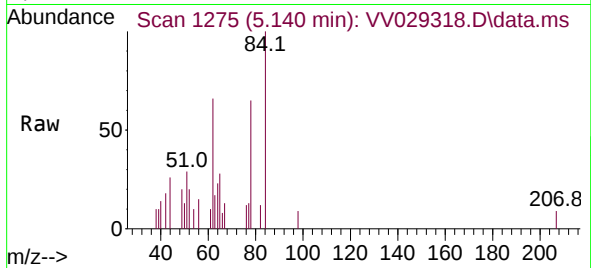




#27
1,2-Dichloroethane
Concen: 0.128 ug/L
RT: 5.140 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

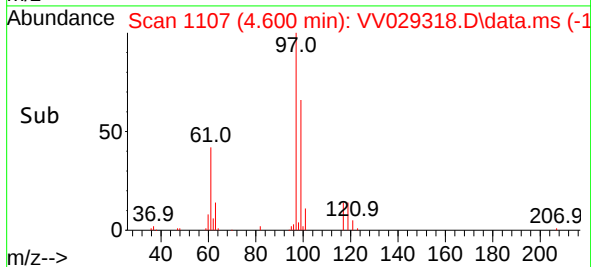
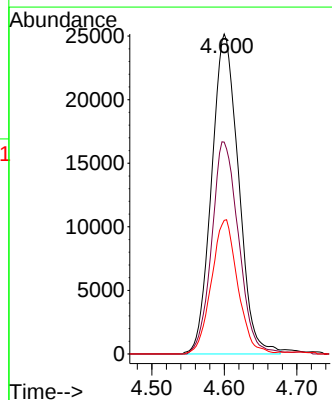
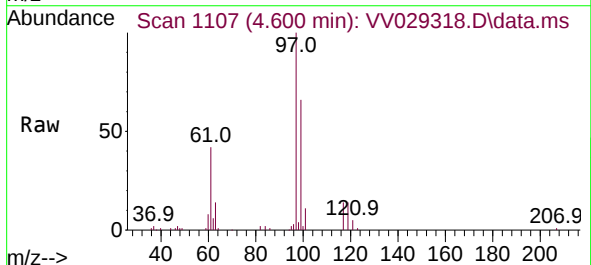
Instrument :
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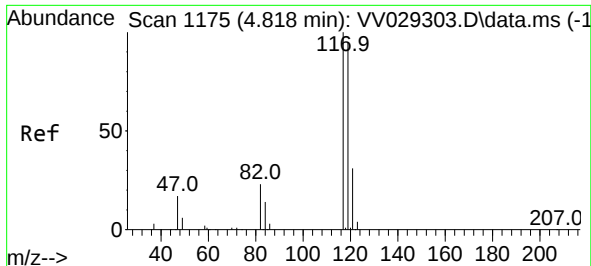
Tgt Ion: 62 Resp: 2181
Ion Ratio Lower Upper
62 100
98 13.0 8.4 12.6#



#29
1,1,1-Trichloroethane
Concen: 2.284 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

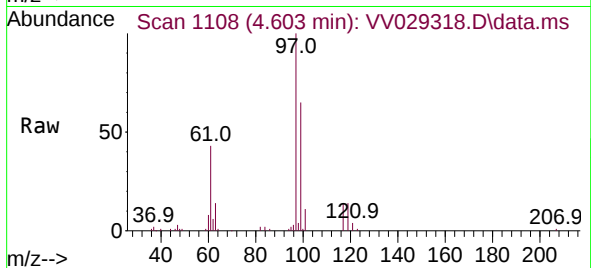
Tgt Ion: 97 Resp: 64985
Ion Ratio Lower Upper
97 100
99 66.2 51.2 76.8
61 40.9 33.3 49.9



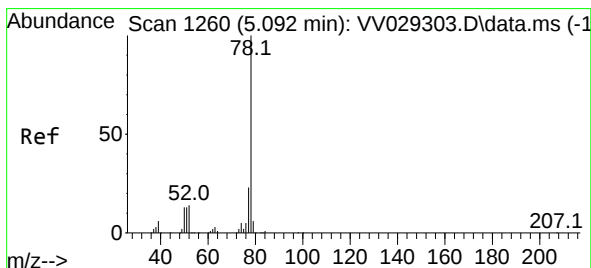
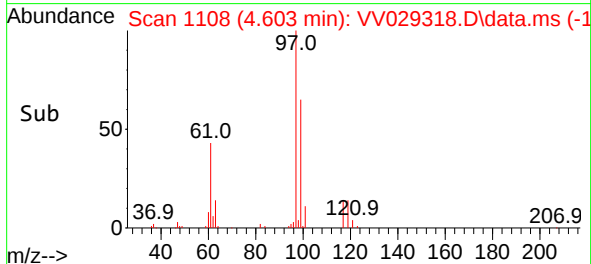
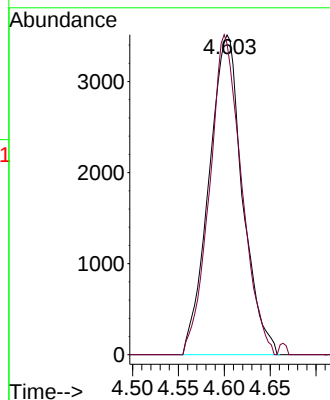


#31
Carbon tetrachloride
Concen: 0.372 ug/L
RT: 4.603 min Scan# 1175
Delta R.T. -0.215 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Instrument : MSVOA_V
ClientSampleId :

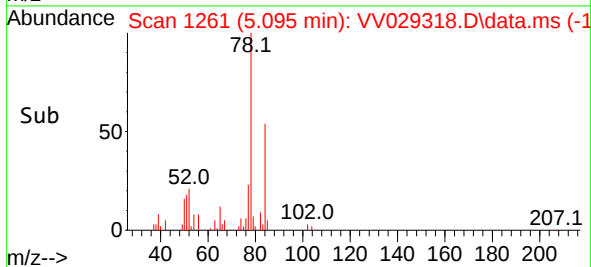
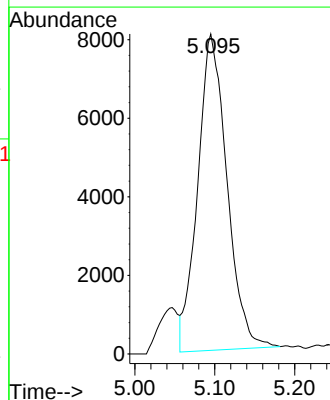
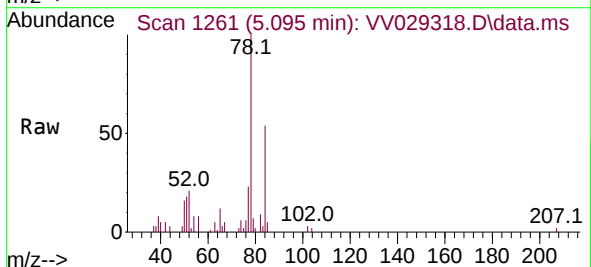


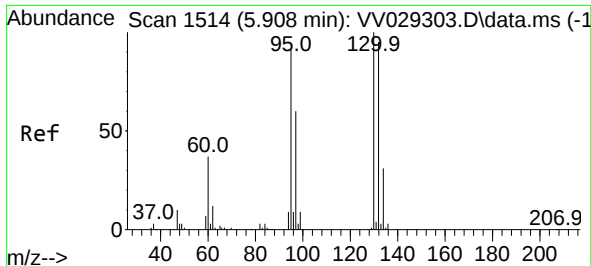
Tgt Ion:117 Resp: 8951
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 0.276 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

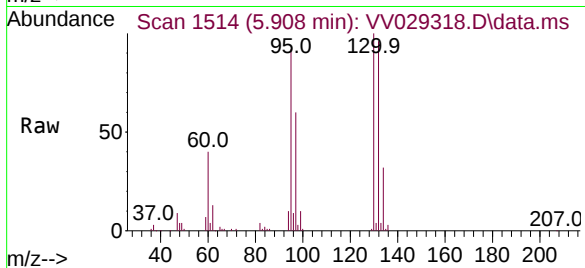
Tgt Ion: 78 Resp: 20440



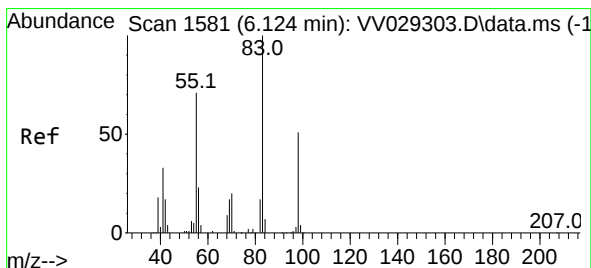
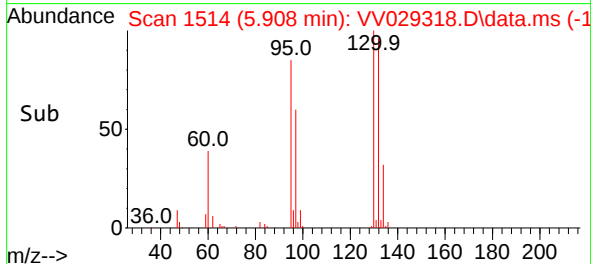
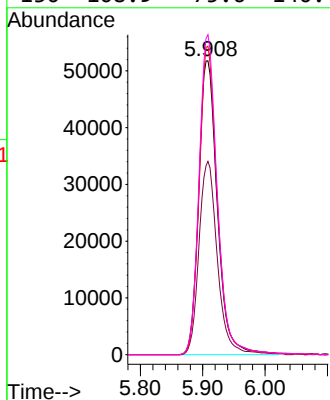


#34
Trichloroethene
Concen: 5.705 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Instrument :
MSVOA_V
ClientSampleId :

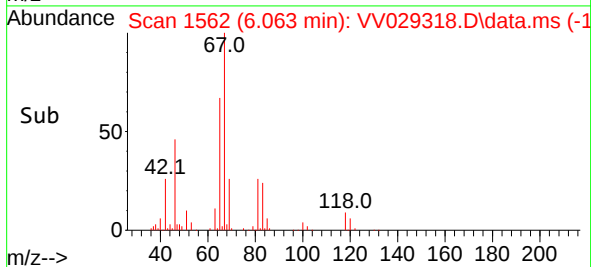
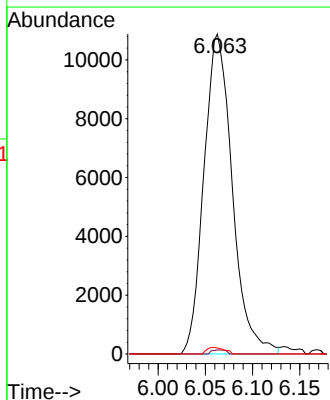
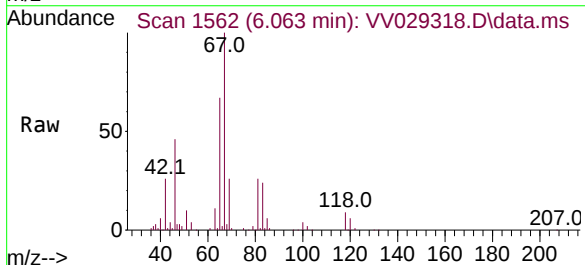


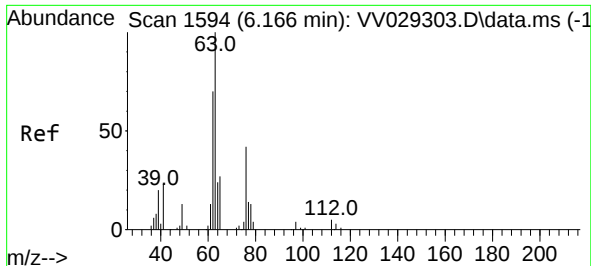
Tgt Ion: 95 Resp: 107667
Ion Ratio Lower Upper
95 100
97 65.7 45.4 84.4
132 105.0 73.3 136.1
130 108.9 75.6 140.4



#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Tgt Ion: 83 Resp: 22730
Ion Ratio Lower Upper
83 100
55 0.6 55.4 83.2#
98 1.3 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

Instrument :

MSVOA_V

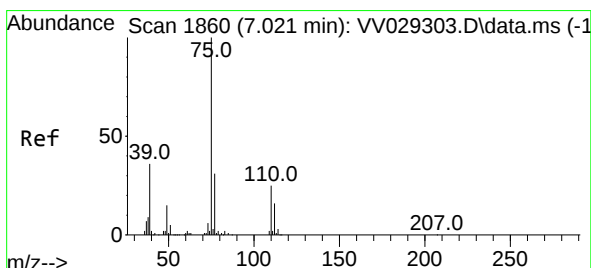
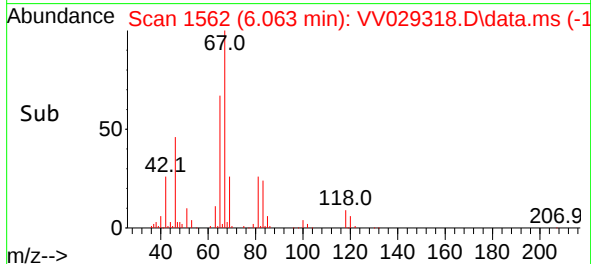
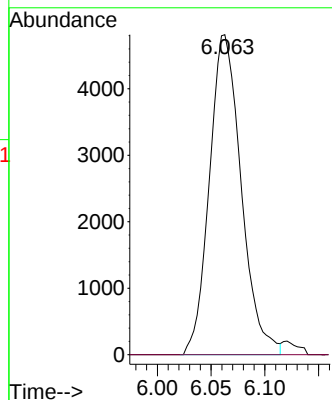
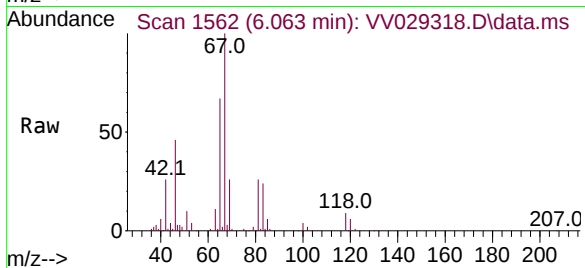
ClientSampleId :

Tgt Ion: 63 Resp: 9910

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV029318.D

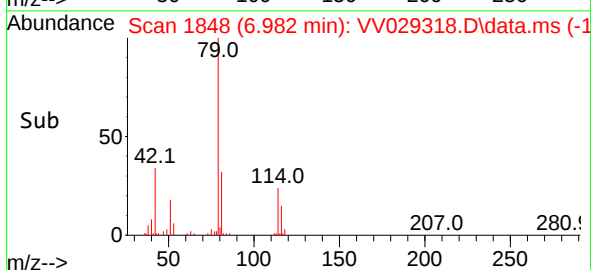
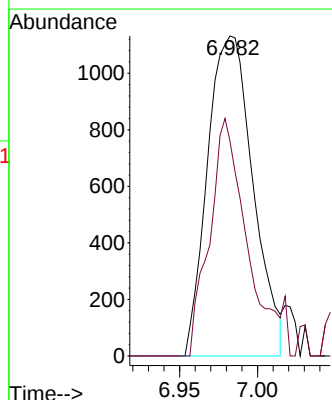
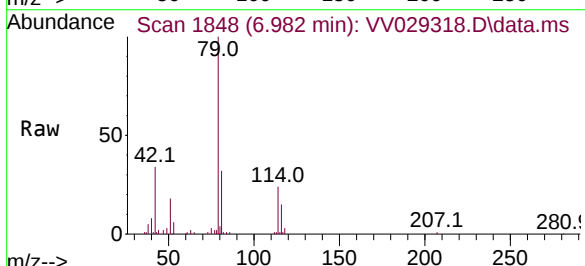
Acq: 24 Nov 2022 01:09

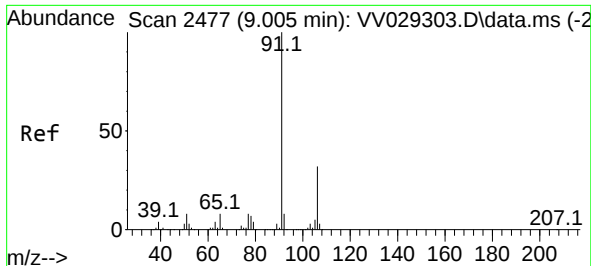
Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

75 100

77 67.1 22.7 42.3#





#52

Ethylbenzene

Concen: 0.038 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029318.D

Acq: 24 Nov 2022 01:09

Instrument :

MSVOA_V

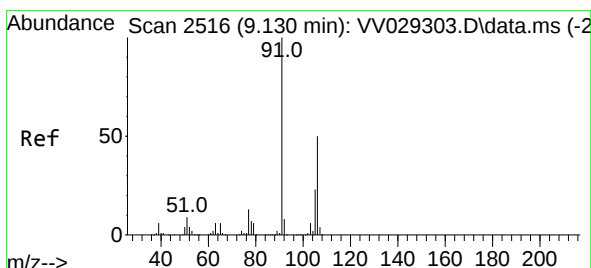
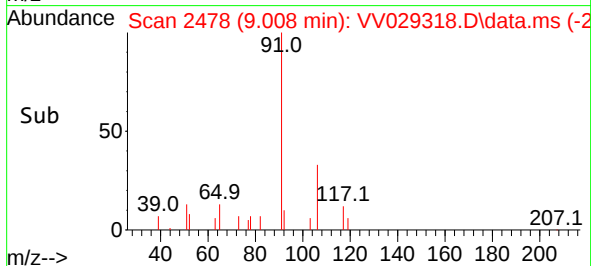
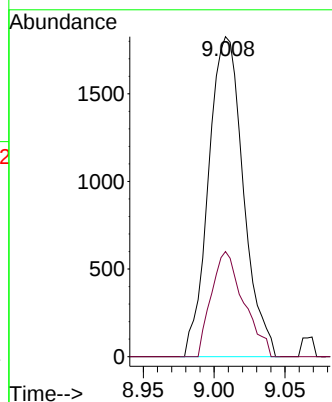
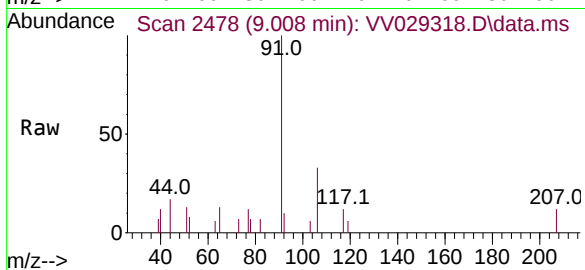
ClientSampleId :

Tgt Ion: 91 Resp: 3116

Ion Ratio Lower Upper

91 100

106 32.9 21.9 40.7



#53

m,p-Xylene

Concen: 0.050 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029318.D

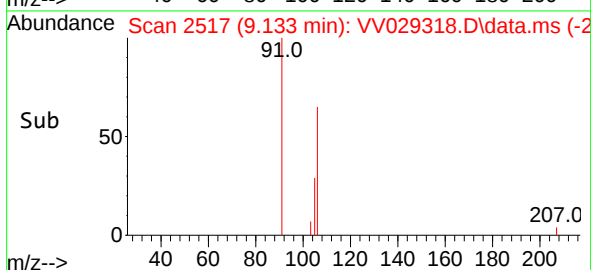
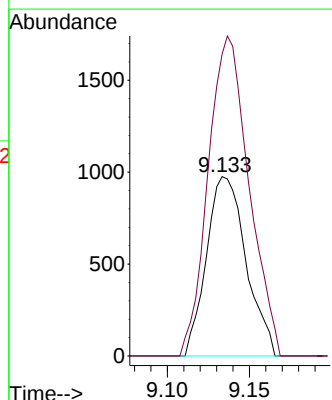
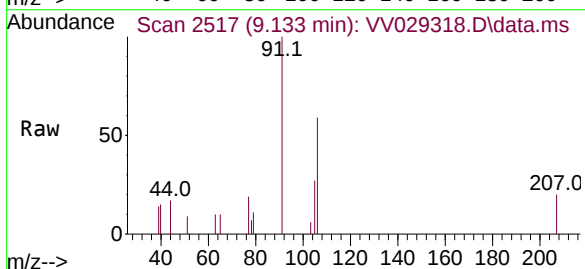
Acq: 24 Nov 2022 01:09

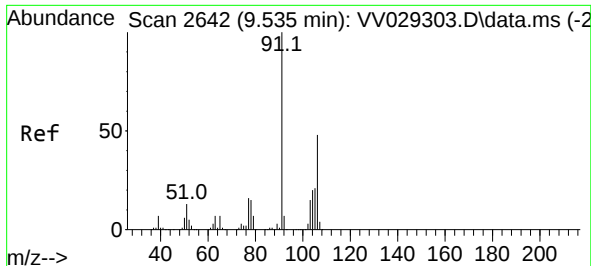
Tgt Ion: 106 Resp: 1634

Ion Ratio Lower Upper

106 100

91 168.3 140.6 261.2

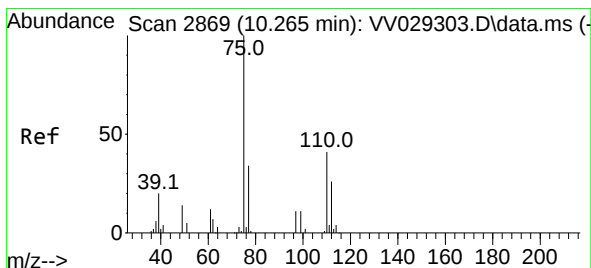
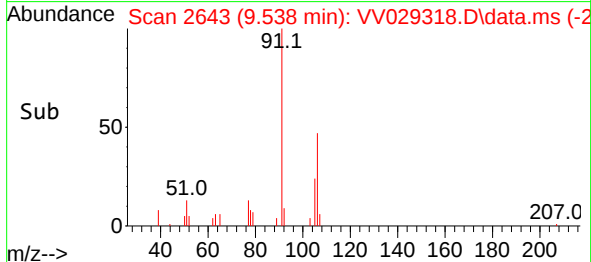
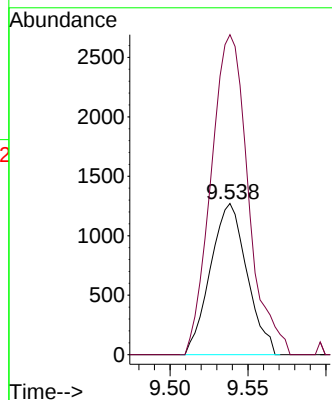
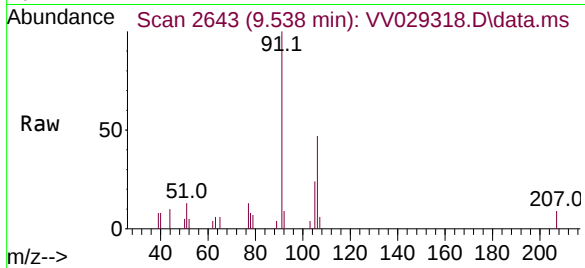




#54
o-Xylene
Concen: 0.065 ug/L
RT: 9.538 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2077
Ion Ratio Lower Upper
106 100
91 211.7 146.9 272.9



#61
1,2,3-Trichloropropane
Concen: 1.575 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029318.D
Acq: 24 Nov 2022 01:09

Tgt Ion: 75 Resp: 13714
Ion Ratio Lower Upper
75 100
77 35.6 26.7 40.1
110 2.8 32.2 48.4#

