

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024107.D
 Acq On : 19 Dec 2021 23:02
 Operator : SY/MD
 Sample : M5148-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:19:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

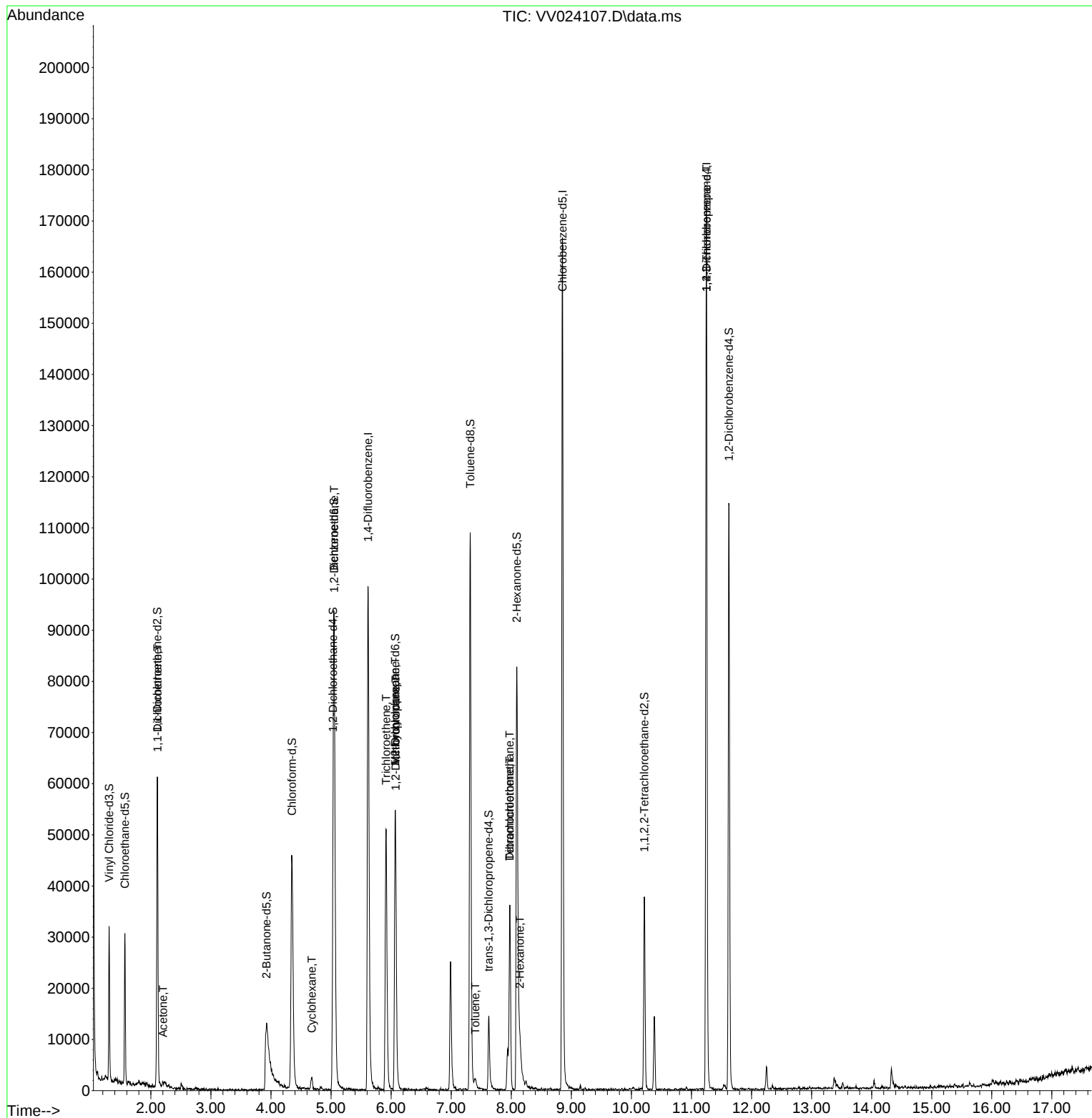
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	89800	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17995	3.728	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.568	69	17056	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	30488	3.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.928	46	32551	34.513	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.020%
24) Chloroform-d	4.349	84	46992	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	23395	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.050	84	83496	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.069	67	24661	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.317	98	74253	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.625	79	8922	3.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.091	63	30546	29.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17112	3.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	29948	4.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	390	0.065	ug/L #	1
13) Acetone	2.201	43	1163	1.541	ug/L	89
27) 1,2-Dichloroethane	5.053	62	676	0.094	ug/L #	73
30) Cyclohexane	4.677	56	1147	0.117	ug/L #	64
34) Trichloroethene	5.915	95	18047	2.404	ug/L	95
35) Methylcyclohexane	6.069	83	6619	0.599	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	3129	0.495	ug/L #	84
42) Toluene	7.403	91	1798	0.060	ug/L	93
47) Tetrachloroethene	7.976	164	8452	1.279	ug/L	95
48) 2-Hexanone	8.143	43	3606	1.636	ug/L #	38
49) Dibromochloromethane	7.976	129	6806	1.069	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	5003	1.554	ug/L #	64

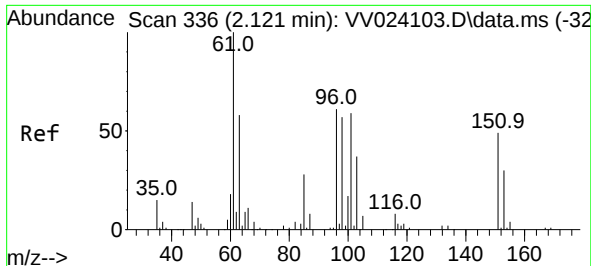
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024107.D
Acq On : 19 Dec 2021 23:02
Operator : SY/MD
Sample : M5148-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 20 04:19:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

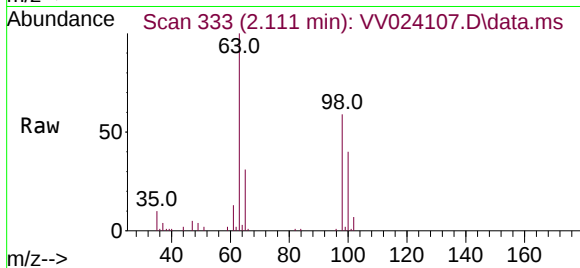
Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

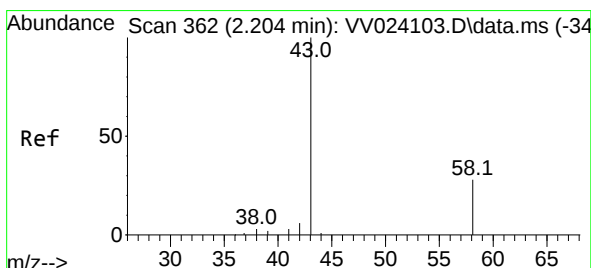
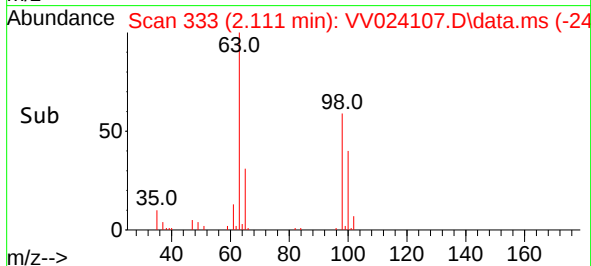
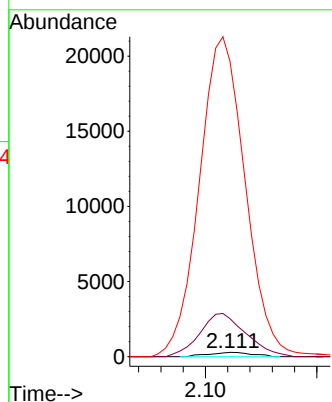
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	390
Ion Ratio	Lower	Upper	
96	100		
61	885.0	116.1	215.5#
63	6878.3	79.4	147.4#



#13

Acetone

Concen: 1.541 ug/L

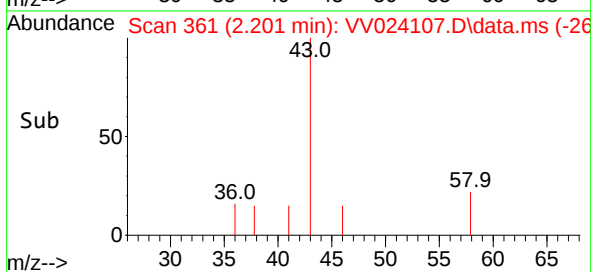
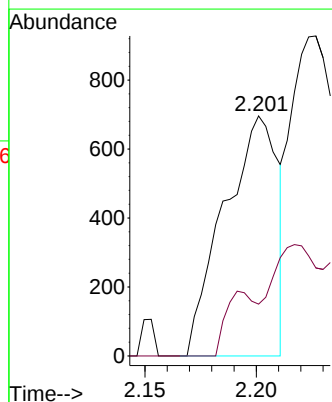
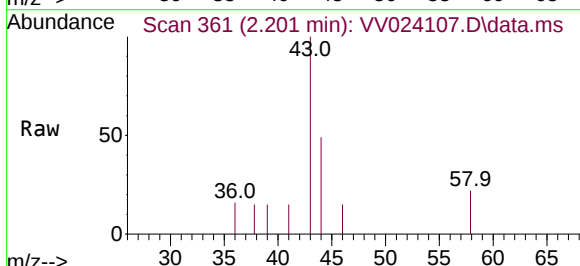
RT: 2.201 min Scan# 361

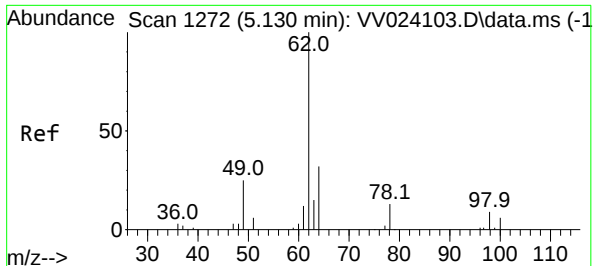
Delta R.T. -0.003 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Tgt Ion:	43	Resp:	1163
Ion Ratio	Lower	Upper	
43	100		
58	15.6	0.0	41.4





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Instrument :

MSVOA_V

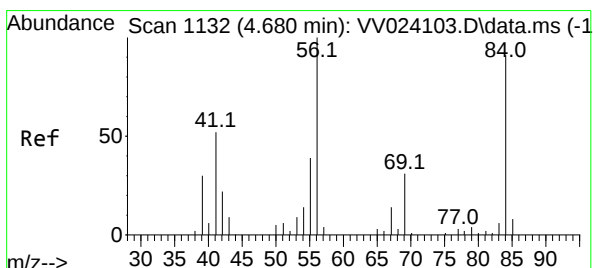
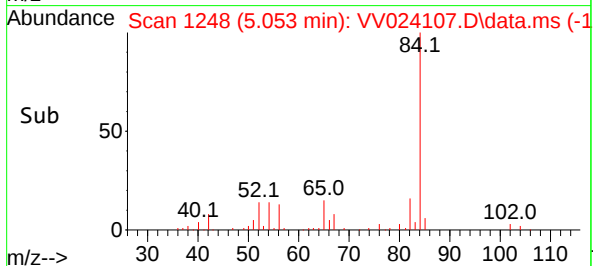
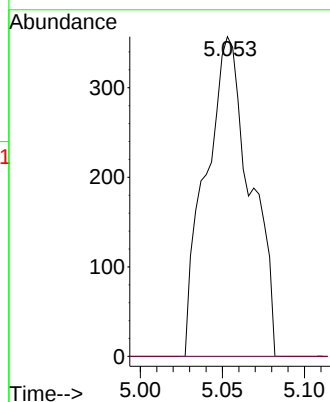
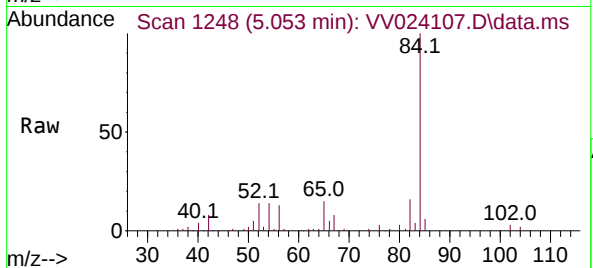
ClientSampleId :

Tgt Ion: 62 Resp: 676

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#30

Cyclohexane

Concen: 0.117 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

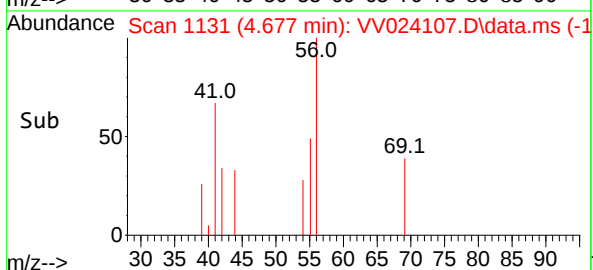
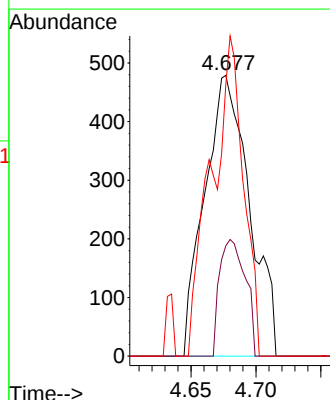
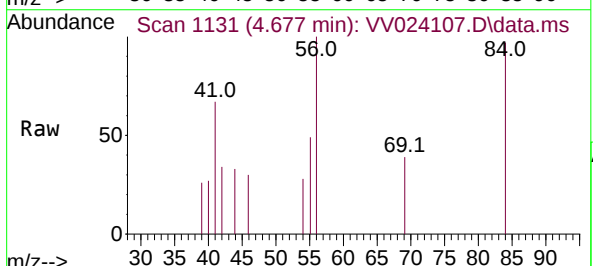
Tgt Ion: 56 Resp: 1147

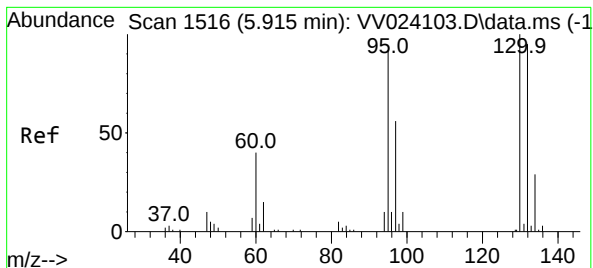
Ion Ratio Lower Upper

56 100

69 23.9 24.8 37.2#

84 53.0 75.9 113.9#





#34

Trichloroethene

Concen: 2.404 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 18047

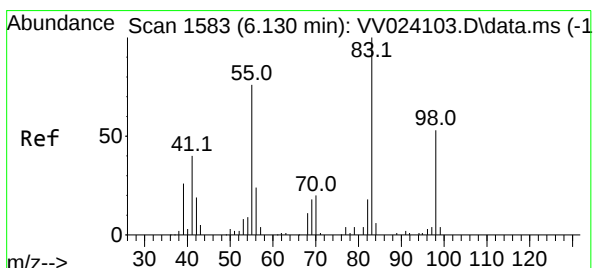
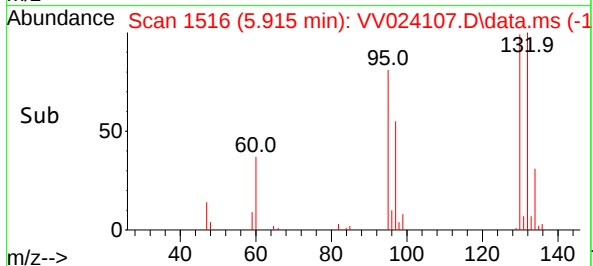
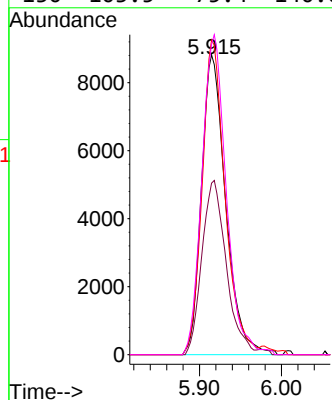
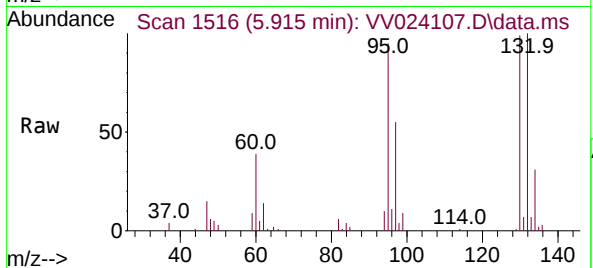
Ion Ratio Lower Upper

95 100

97 57.2 45.2 84.0

132 104.9 76.1 141.3

130 103.5 75.4 140.0



#35

Methylcyclohexane

Concen: 0.599 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

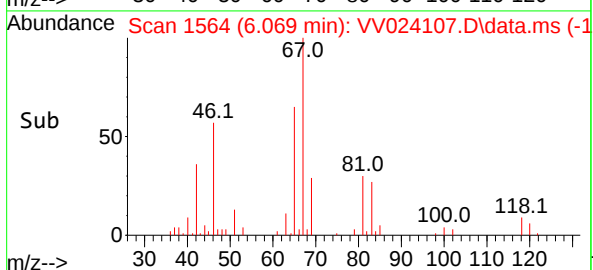
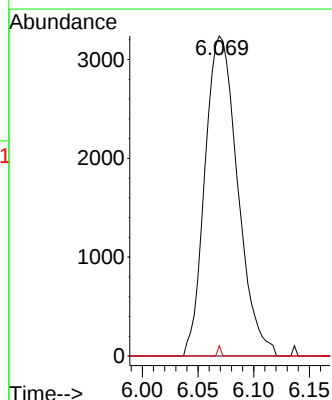
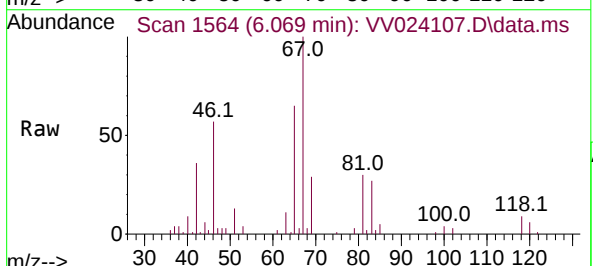
Tgt Ion: 83 Resp: 6619

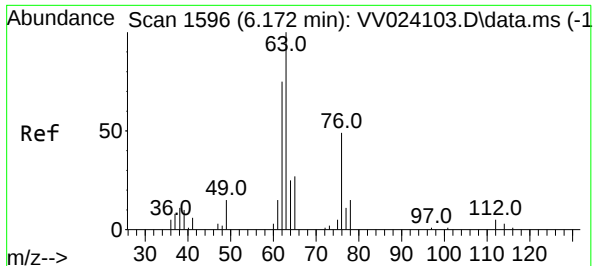
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 4.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Instrument :

MSVOA_V

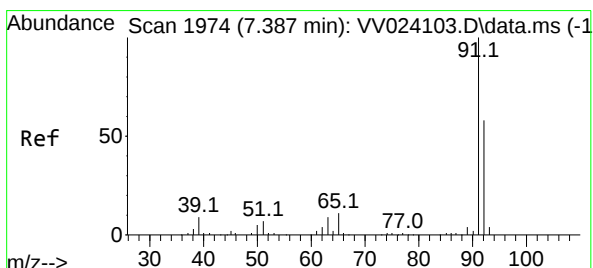
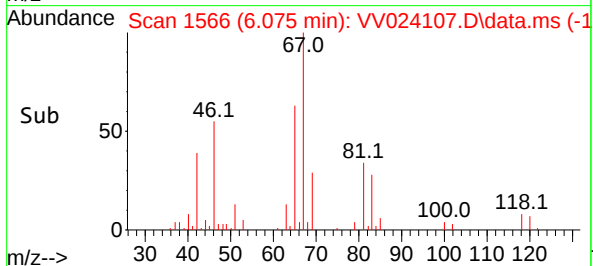
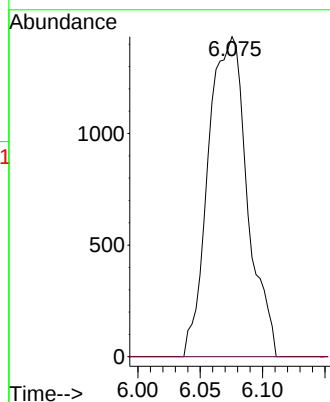
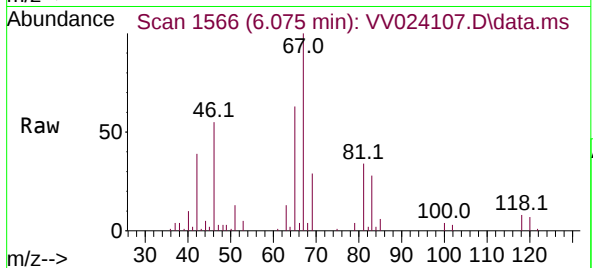
ClientSampleId :

Tgt Ion: 63 Resp: 3129

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.060 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV024107.D

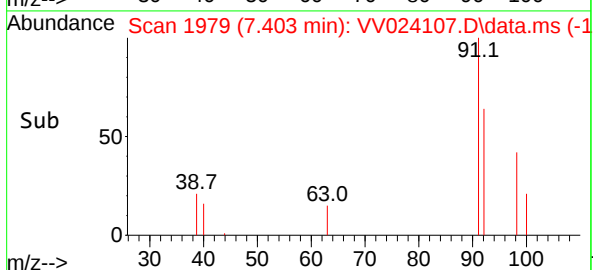
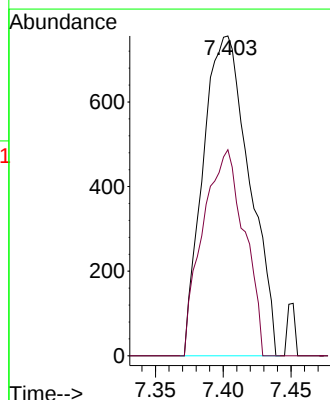
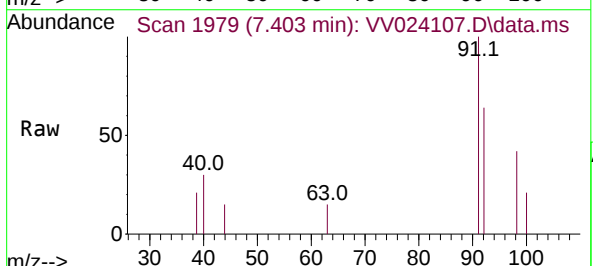
Acq: 19 Dec 2021 23:02

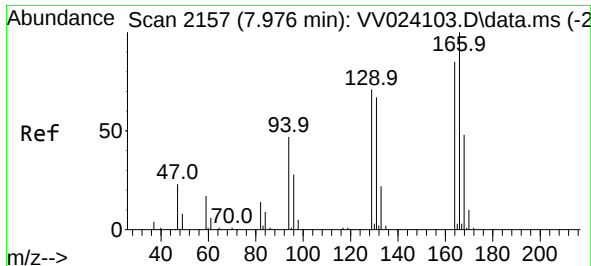
Tgt Ion: 91 Resp: 1798

Ion Ratio Lower Upper

91 100

92 64.4 41.5 77.1





#47

Tetrachloroethene

Concen: 1.279 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

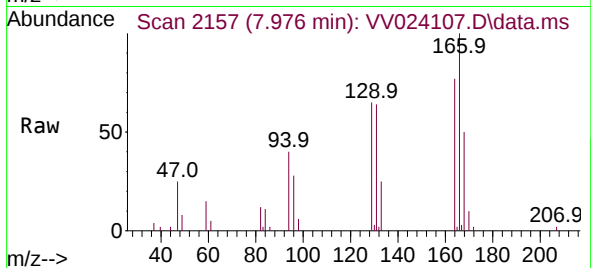
Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 8452

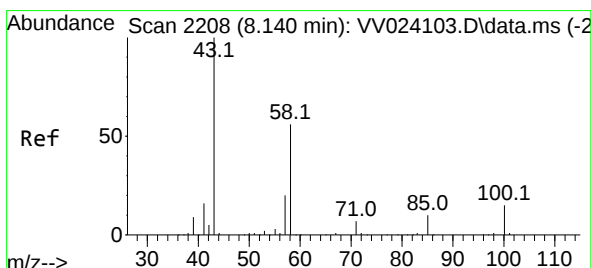
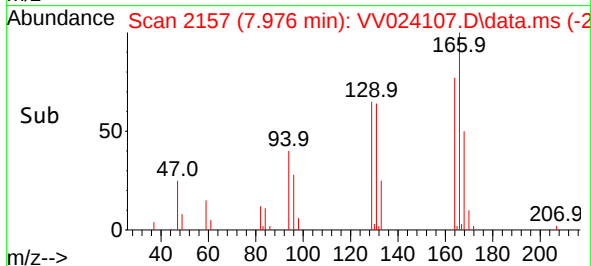
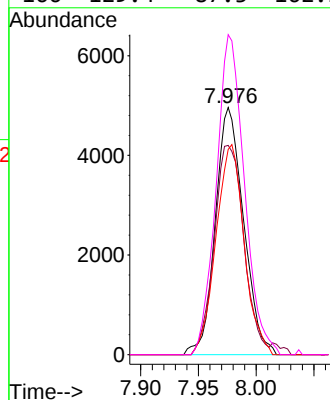
Ion Ratio Lower Upper

164 100

129 84.7 62.6 116.2

131 83.1 61.0 113.4

166 129.4 87.3 162.1



#48

2-Hexanone

Concen: 1.636 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Tgt Ion: 43 Resp: 3606

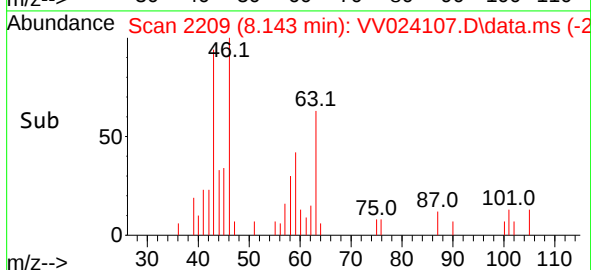
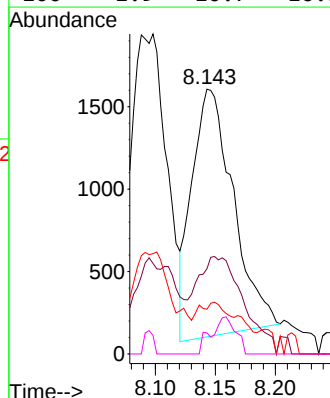
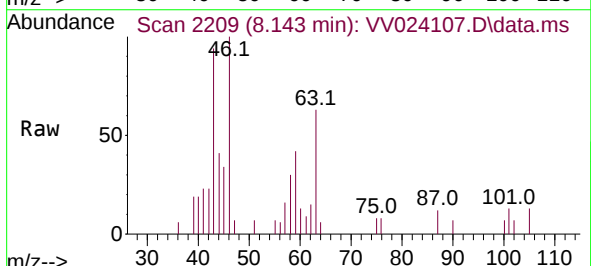
Ion Ratio Lower Upper

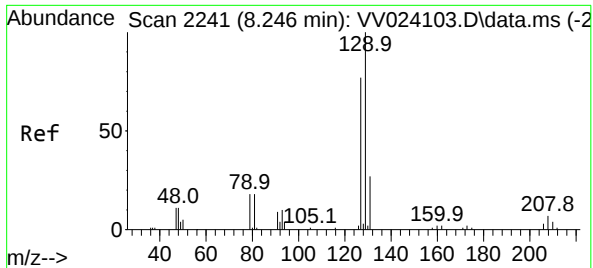
43 100

58 0.0 44.5 66.7#

57 0.0 15.1 22.7#

100 1.9 10.7 16.1#





#49

Dibromochloromethane

Concen: 1.069 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Instrument :

MSVOA_V

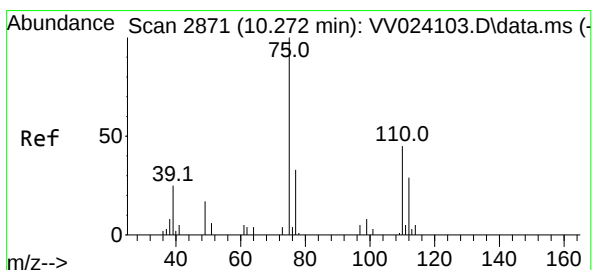
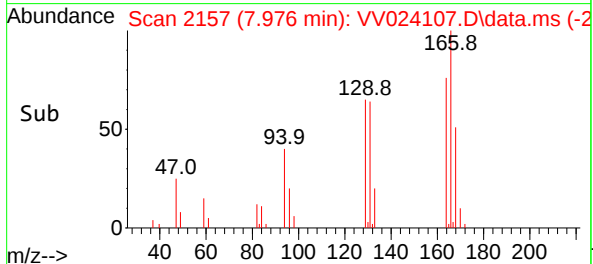
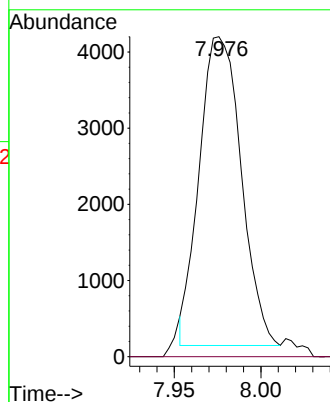
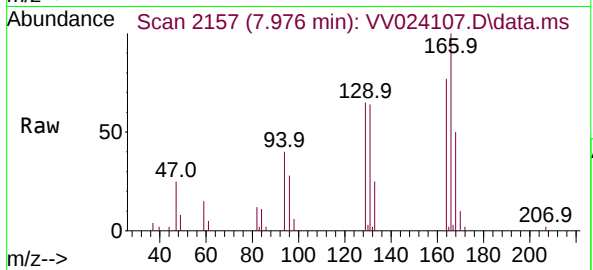
ClientSampleId :

Tgt Ion:129 Resp: 6806

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.554 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024107.D

Acq: 19 Dec 2021 23:02

Tgt Ion: 75 Resp: 5003

Ion Ratio Lower Upper

75 100

77 33.3 26.4 39.6

110 2.1 34.2 51.2#

