

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026202.D
 Acq On : 13 Jun 2022 12:22
 Operator : SY/MD
 Sample : N3272-05DL 500X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:37:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

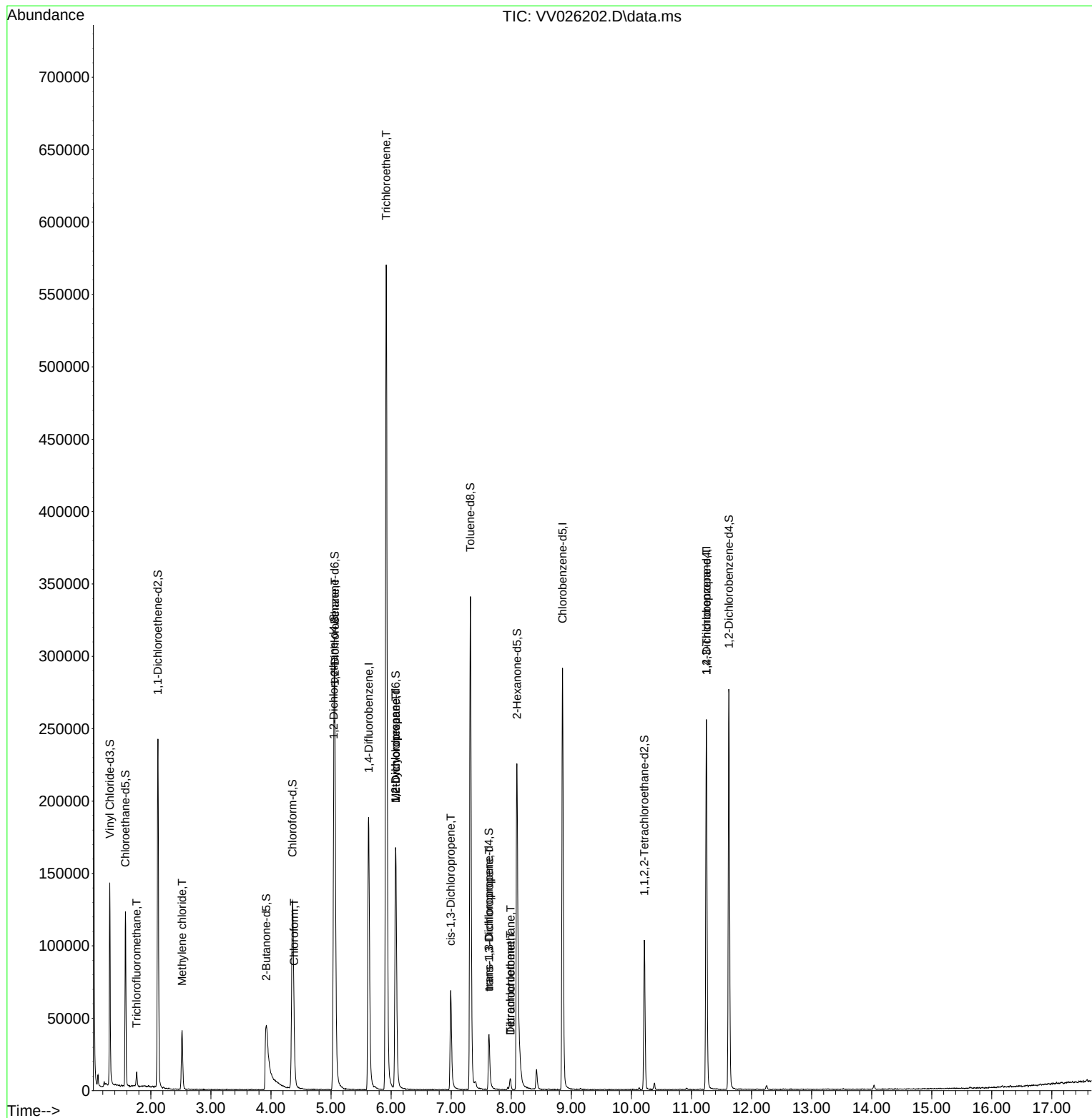
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	169209	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	167264	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	94960	4.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.577	69	77100	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.117	63	127649	3.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.921	46	101885	61.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.440%
24) Chloroform-d	4.358	84	139815	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.043	65	60238	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.059	84	281961	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.075	67	85872	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.320	98	232350	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.628	79	24928	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.095	63	86569	48.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50606	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	73760	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.764	101	5680	0.239	ug/L	91
16) Methylene chloride	2.519	84	17200	1.290	ug/L	96
25) Chloroform	4.384	83	4728	0.190	ug/L	95
27) 1,2-Dichloroethane	5.066	62	1302	0.113	ug/L #	73
34) Trichloroethene	5.918	95	203083	14.864	ug/L	99
35) Methylcyclohexane	6.075	83	20285	1.098	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	9237	0.705	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1621	0.111	ug/L #	71
44) trans-1,3-Dichloropropene	7.632	75	1107	0.096	ug/L	89
47) Tetrachloroethene	7.985	164	1775	0.181	ug/L	96
49) Dibromochloromethane	7.989	129	1539	0.171	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7988	1.514	ug/L #	64

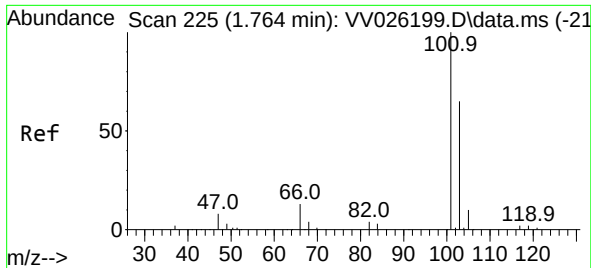
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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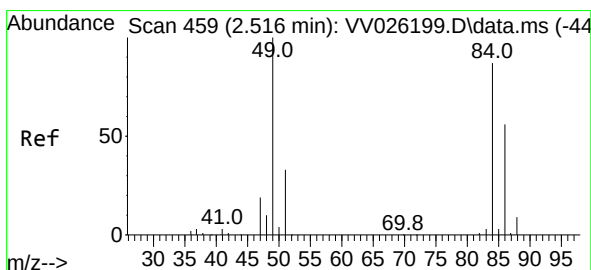
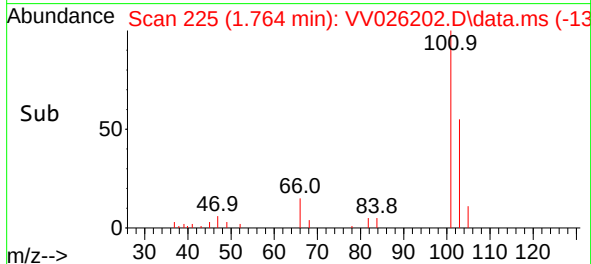
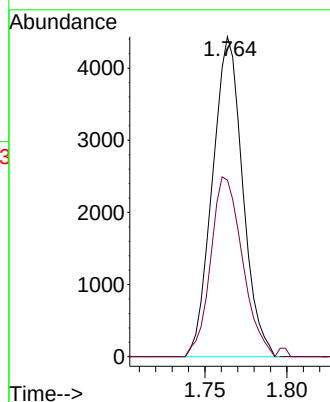
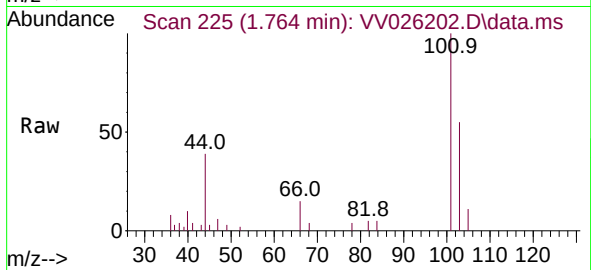




#9
 Trichlorofluoromethane
 Concen: 0.239 ug/L
 RT: 1.764 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026202.D
 Acq: 13 Jun 2022 12:22

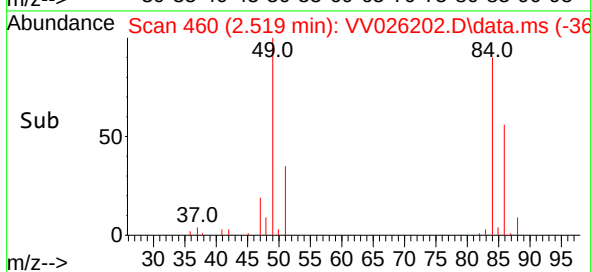
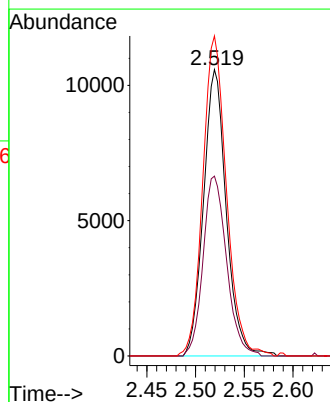
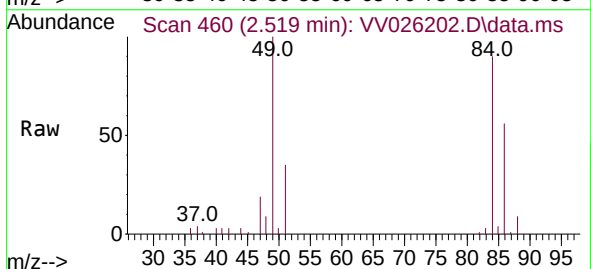
Instrument :
 MSVOA_V
 ClientSampleId :

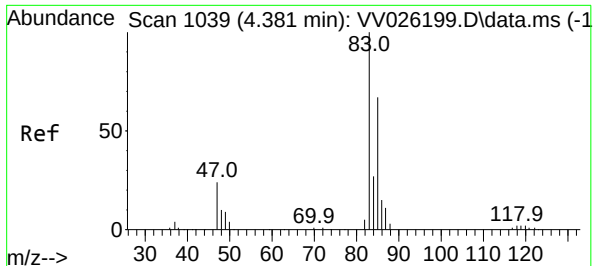
Tgt Ion:101 Resp: 5680
 Ion Ratio Lower Upper
 101 100
 103 59.0 52.9 79.3



#16
 Methylene chloride
 Concen: 1.290 ug/L
 RT: 2.519 min Scan# 460
 Delta R.T. 0.003 min
 Lab File: VV026202.D
 Acq: 13 Jun 2022 12:22

Tgt Ion: 84 Resp: 17200
 Ion Ratio Lower Upper
 84 100
 86 62.8 45.1 83.7
 49 111.7 82.3 152.9





#25

Chloroform

Concen: 0.190 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026202.D

Acq: 13 Jun 2022 12:22

Instrument :

MSVOA_V

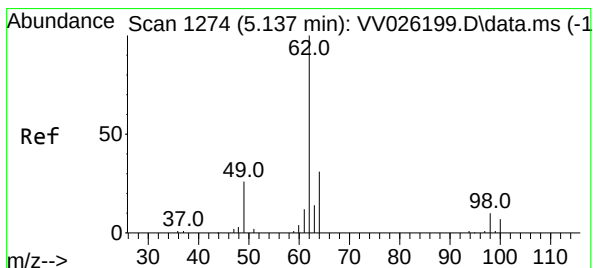
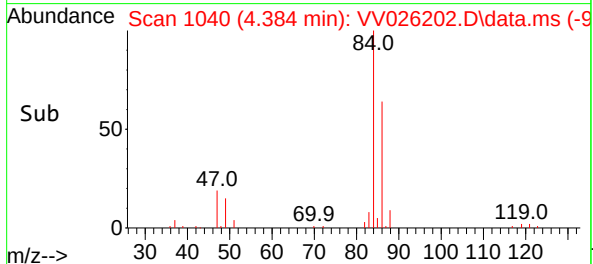
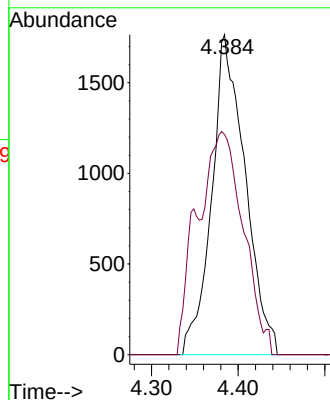
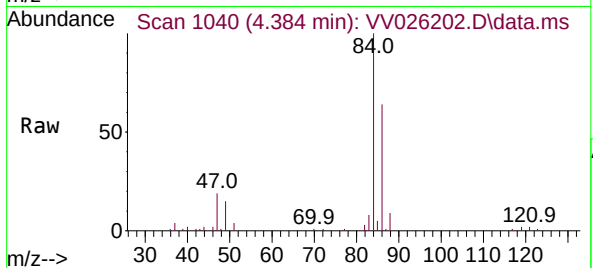
ClientSampleId :

Tgt Ion: 83 Resp: 4728

Ion Ratio Lower Upper

83 100

85 68.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. -0.071 min

Lab File: VV026202.D

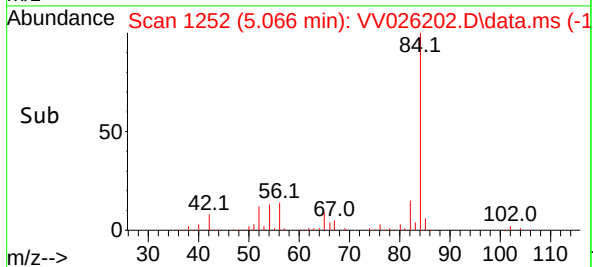
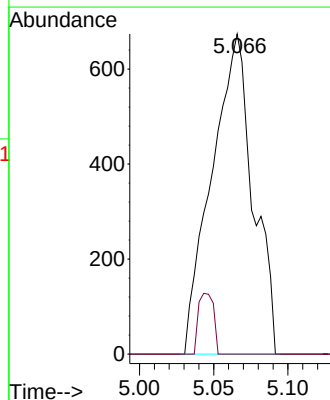
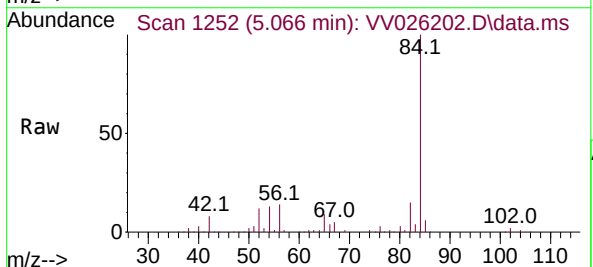
Acq: 13 Jun 2022 12:22

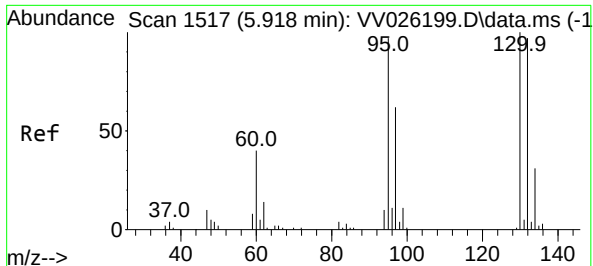
Tgt Ion: 62 Resp: 1302

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

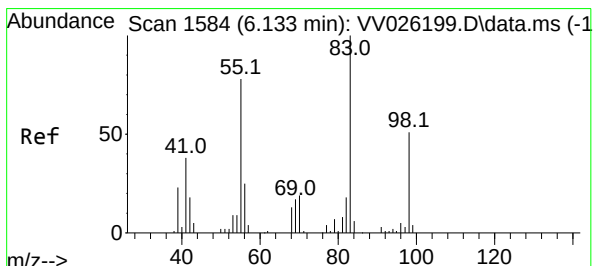
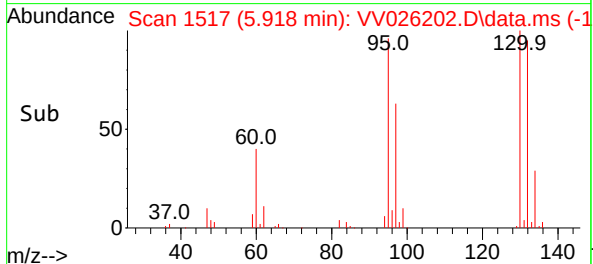
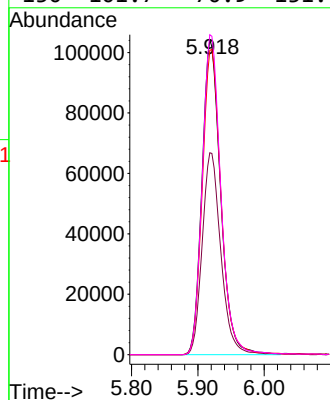
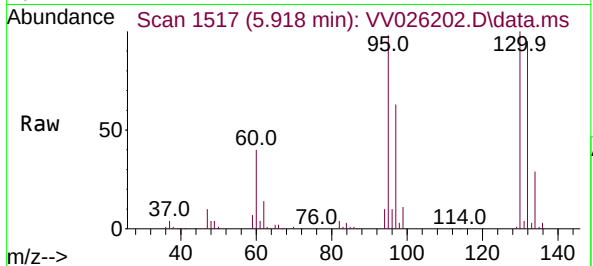




#34
Trichloroethene
Concen: 14.864 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026202.D
Acq: 13 Jun 2022 12:22

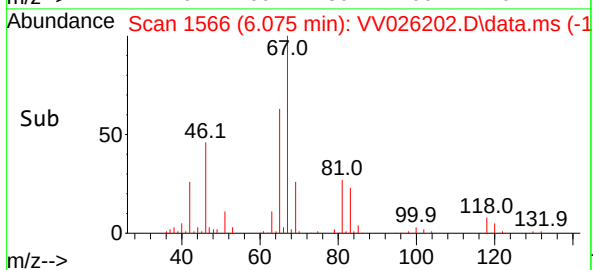
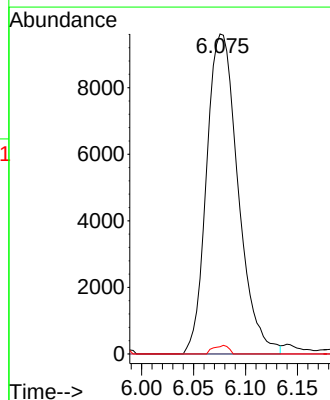
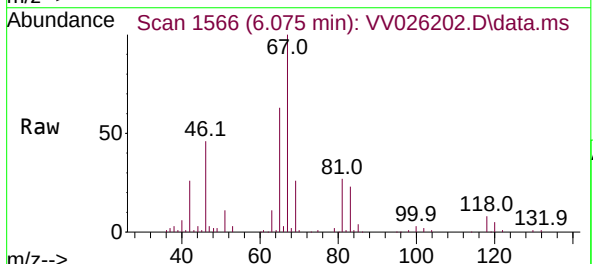
Instrument :
MSVOA_V
ClientSampleId :

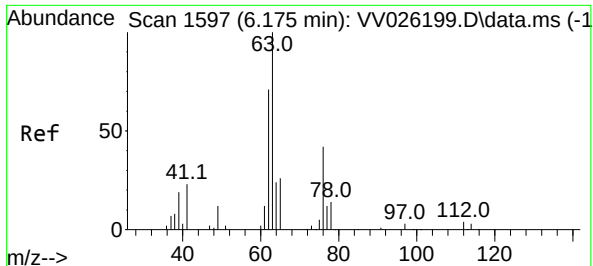
Tgt Ion: 95 Resp: 203083
Ion Ratio Lower Upper
95 100
97 64.2 43.3 80.3
132 96.7 67.5 125.4
130 101.7 70.9 131.7



#35
Methylcyclohexane
Concen: 1.098 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026202.D
Acq: 13 Jun 2022 12:22

Tgt Ion: 83 Resp: 20285
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 1.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026202.D

Acq: 13 Jun 2022 12:22

Instrument :

MSVOA_V

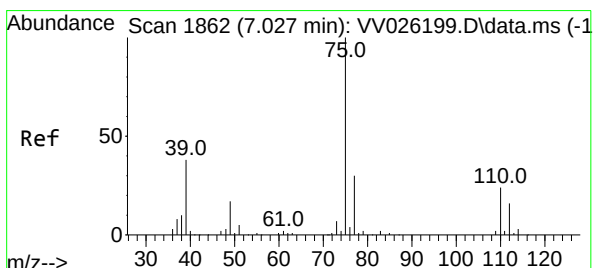
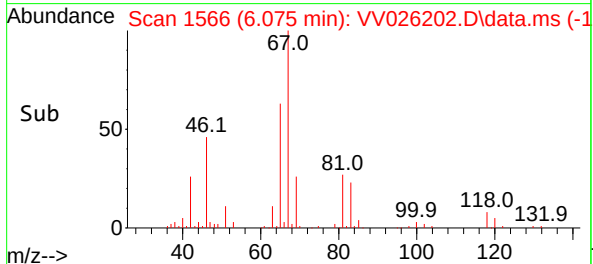
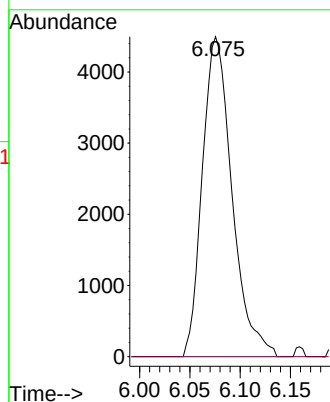
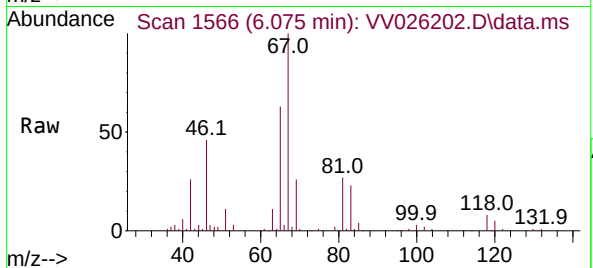
ClientSampleId :

Tgt Ion: 63 Resp: 9237

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026202.D

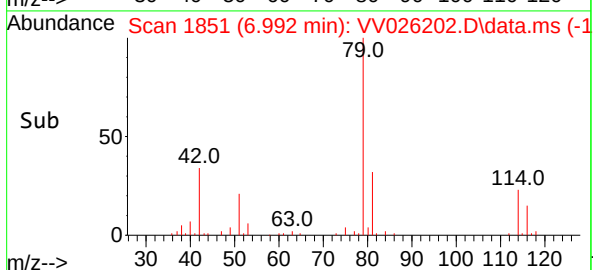
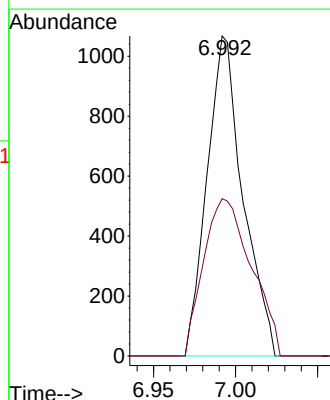
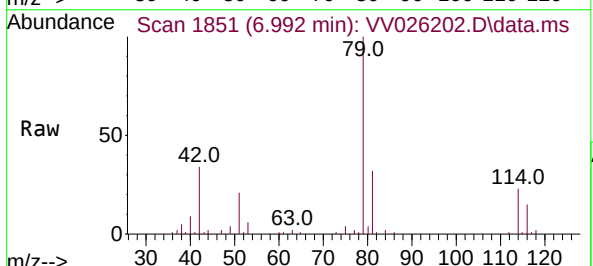
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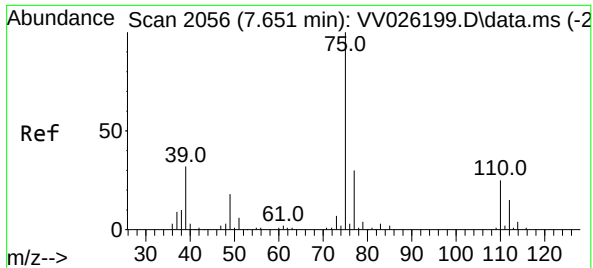
Tgt Ion: 75 Resp: 1621

Ion Ratio Lower Upper

75 100

77 49.2 22.9 42.5#

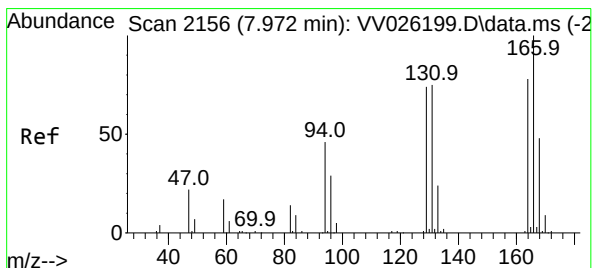
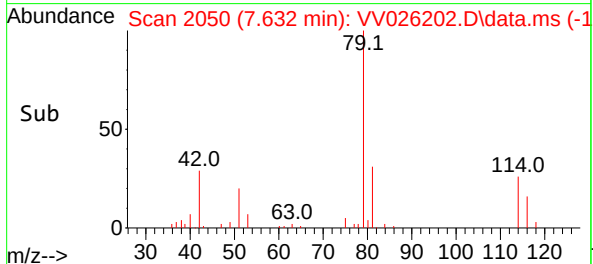
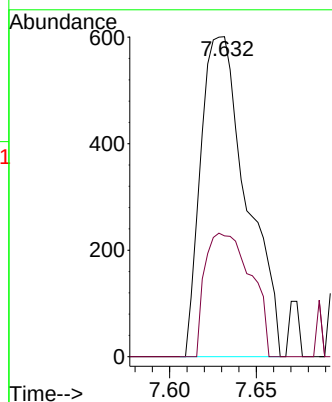
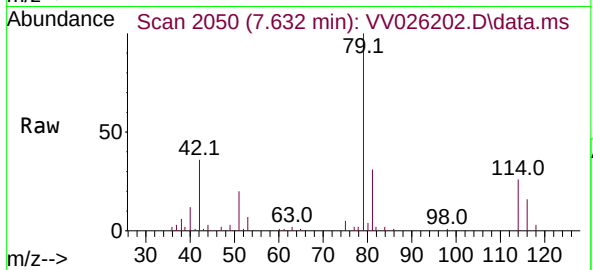




#44
trans-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.632 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VV026202.D
Acq: 13 Jun 2022 12:22

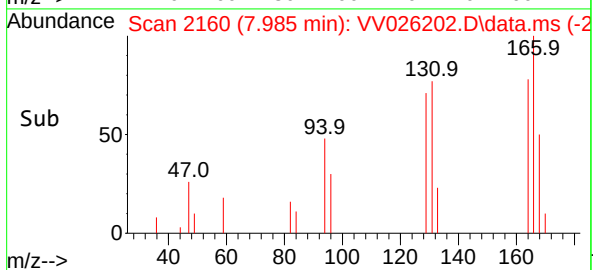
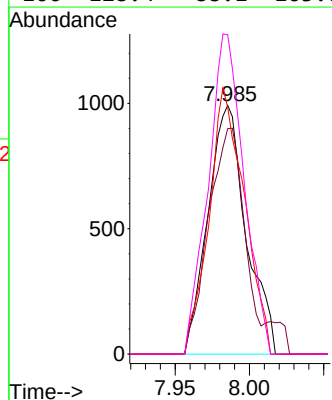
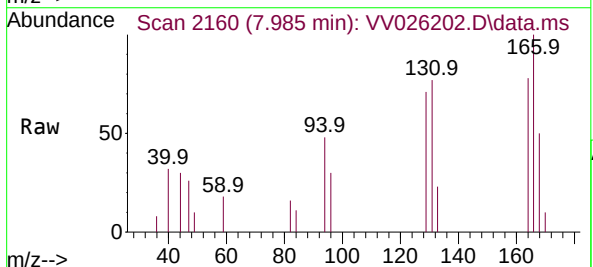
Instrument :
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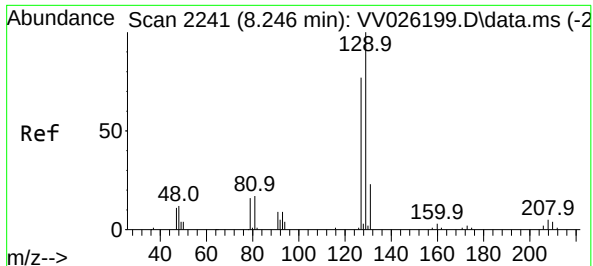
Tgt Ion: 75 Resp: 1107
Ion Ratio Lower Upper
75 100
77 37.8 22.3 41.3



#47
Tetrachloroethene
Concen: 0.181 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VV026202.D
Acq: 13 Jun 2022 12:22

Tgt Ion: 164 Resp: 1775
Ion Ratio Lower Upper
164 100
129 90.6 66.1 122.7
131 99.2 65.0 120.6
166 128.4 88.1 163.7





#49

Dibromochloromethane

Concen: 0.171 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.257 min

Lab File: VV026202.D

Acq: 13 Jun 2022 12:22

Instrument :

MSVOA_V

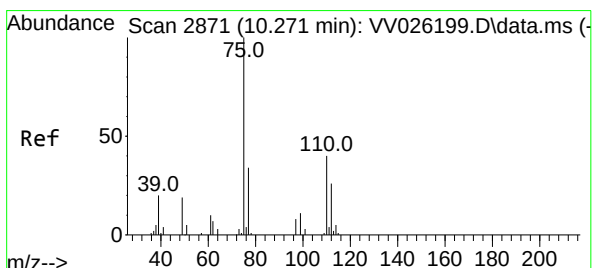
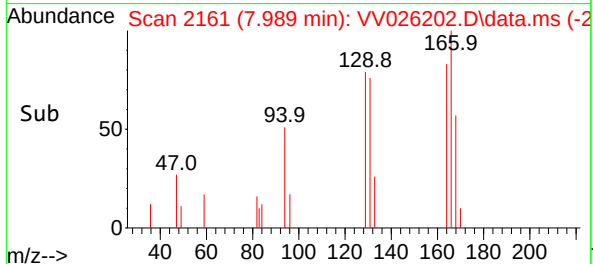
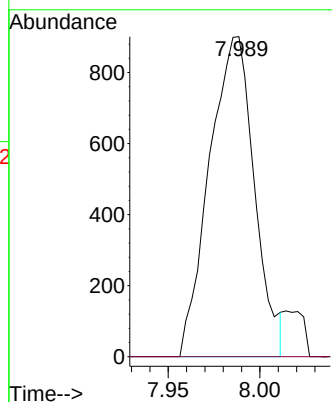
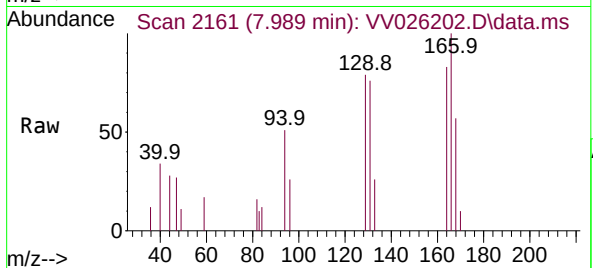
ClientSampleId :

Tgt Ion:129 Resp: 1539

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.514 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026202.D

Acq: 13 Jun 2022 12:22

Tgt Ion: 75 Resp: 7988

Ion Ratio Lower Upper

75 100

77 31.0 27.8 41.8

110 2.6 33.0 49.4#

