

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028282.D
 Acq On : 03 Oct 2022 16:46
 Operator : SY/MD
 Sample : N4870-06DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:45:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

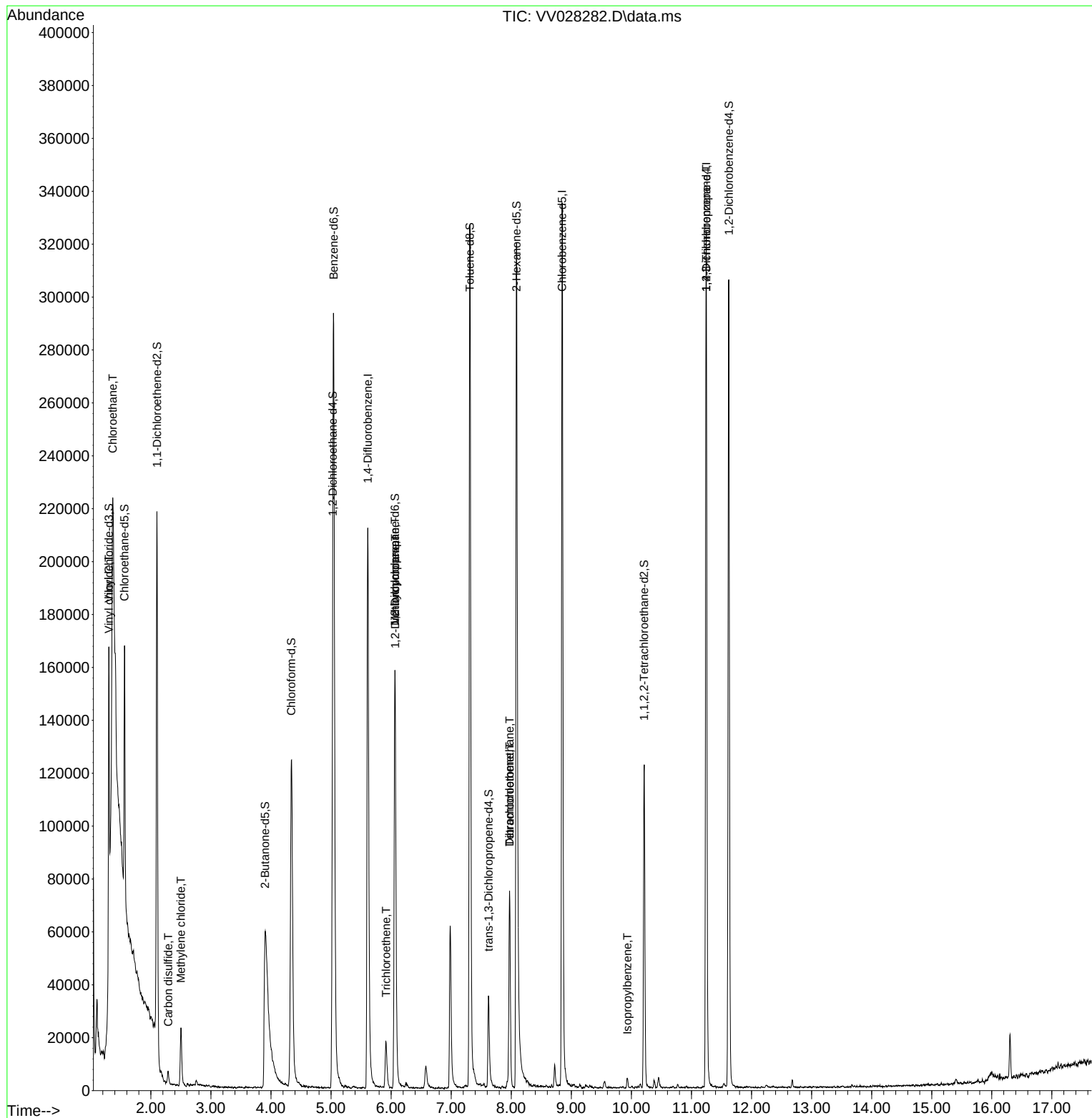
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	194873	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	196127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71990	4.916	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.561	69	61295	4.945	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.101	63	102155	3.702	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.000%	
20) 2-Butanone-d5	3.902	46	152682	61.629	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.260%	
24) Chloroform-d	4.339	84	139497	5.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4	5.027	65	63611	5.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.043	84	280606	5.216	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.063	67	84079	5.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.000%	
41) Toluene-d8	7.310	98	231715	4.683	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22538	3.834	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.088	63	129597	53.865	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61146	5.227	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	86272	5.457	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	936	0.056	ug/L #	1
8) Chloroethane	1.365	64	770592	69.123	ug/L #	50
14) Carbon disulfide	2.288	76	5361	0.123	ug/L	97
16) Methylene chloride	2.500	84	9635	0.612	ug/L	89
34) Trichloroethene	5.915	95	6280	0.430	ug/L	96
35) Methylcyclohexane	6.063	83	20484	0.858	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	8544	0.632	ug/L #	87
47) Tetrachloroethene	7.973	164	17589	1.377	ug/L	98
49) Dibromochloromethane	7.973	129	16146	1.272	ug/L #	11
60) Isopropylbenzene	9.934	105	2879	0.051	ug/L #	92
61) 1,2,3-Trichloropropane	11.246	75	8974	1.266	ug/L #	68

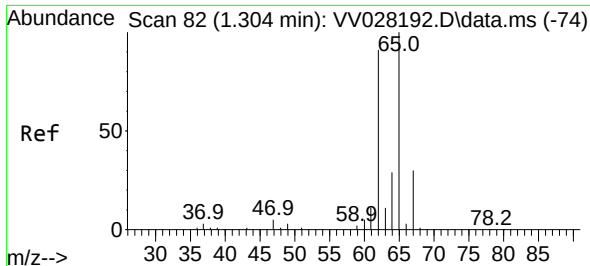
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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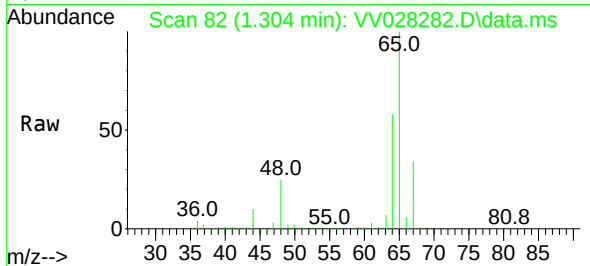
Quant Time: Oct 04 02:45:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
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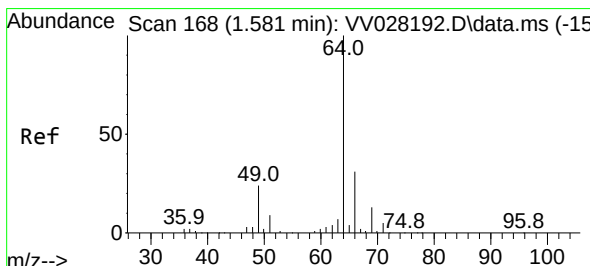
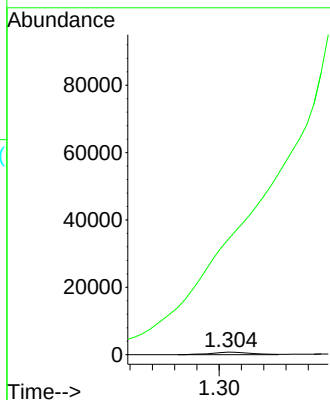
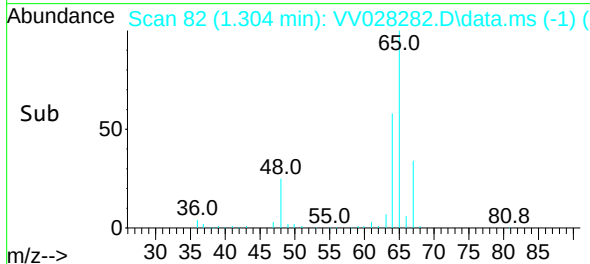


#5
 Vinyl chloride
 Concen: 0.056 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028282.D
 Acq: 03 Oct 2022 16:46

Instrument :
 MSVOA_V
 ClientSampleId :

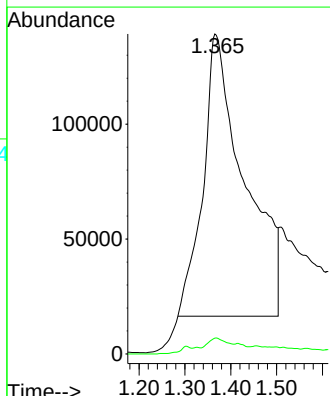
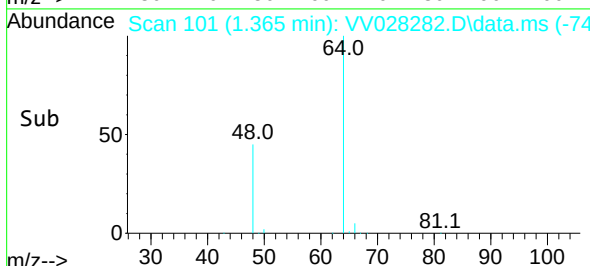
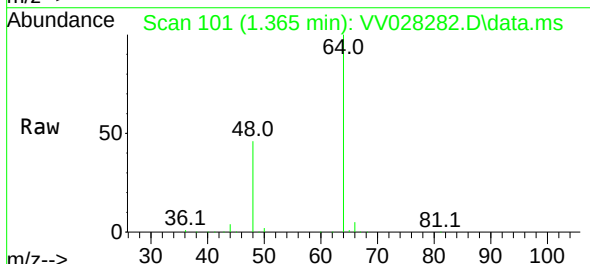


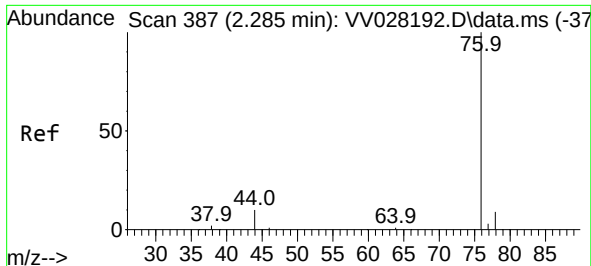
Tgt Ion: 62 Resp: 936
 Ion Ratio Lower Upper
 62 100
 64 4558.9 23.0 42.8#



#8
 Chloroethane
 Concen: 69.123 ug/L
 RT: 1.365 min Scan# 101
 Delta R.T. -0.212 min
 Lab File: VV028282.D
 Acq: 03 Oct 2022 16:46

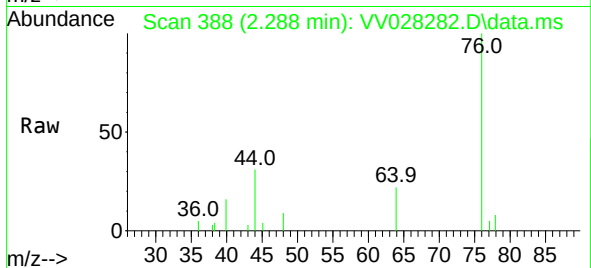
Tgt Ion: 64 Resp: 770592
 Ion Ratio Lower Upper
 64 100
 66 4.9 23.0 42.8#



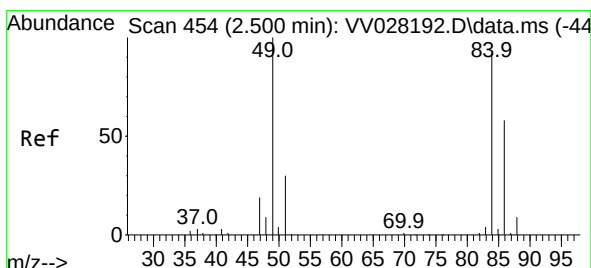
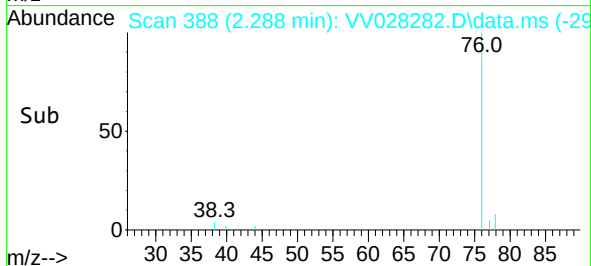
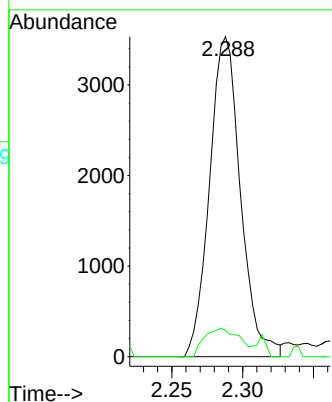


#14
Carbon disulfide
Concen: 0.123 ug/L
RT: 2.288 min Scan# 387
Delta R.T. 0.003 min
Lab File: VV028282.D
Acq: 03 Oct 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

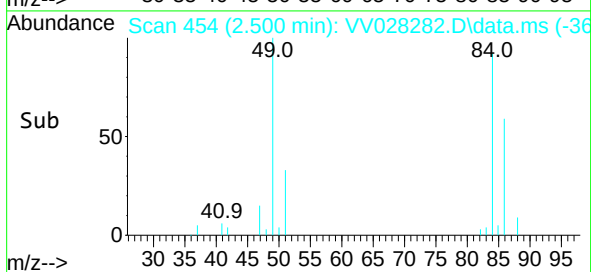
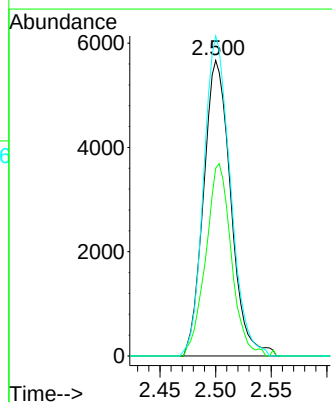
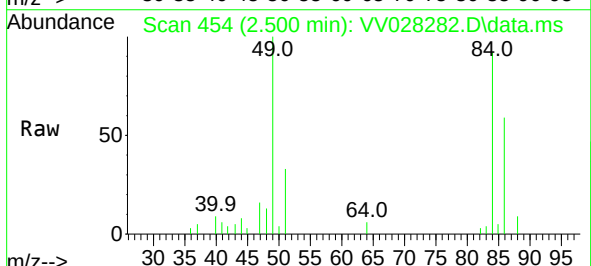


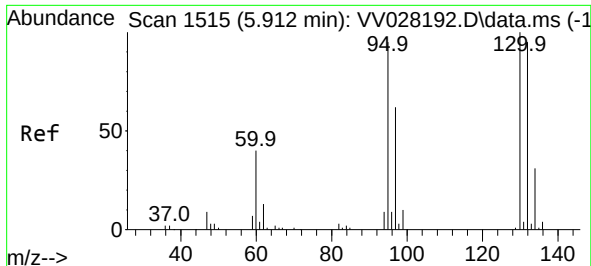
Tgt Ion: 76 Resp: 5361
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#16
Methylene chloride
Concen: 0.612 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028282.D
Acq: 03 Oct 2022 16:46

Tgt Ion: 84 Resp: 9635
Ion Ratio Lower Upper
84 100
86 63.6 46.8 86.8
49 108.3 87.5 162.5



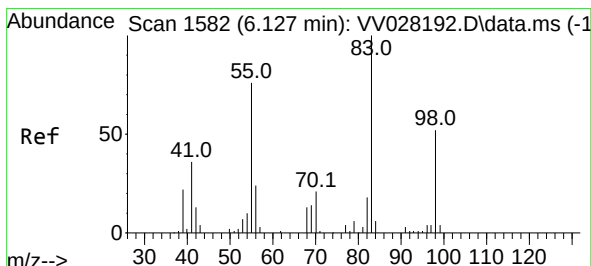
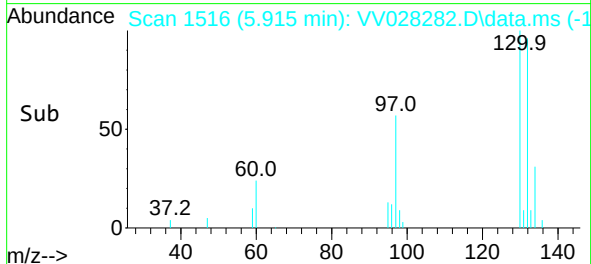
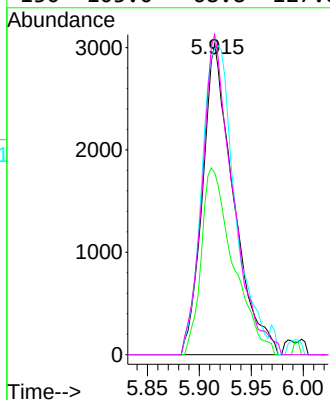
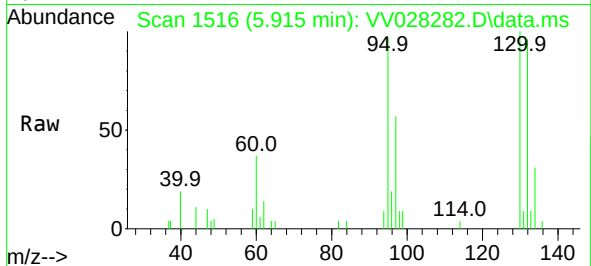


#34
Trichloroethene
Concen: 0.430 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV028282.D
Acq: 03 Oct 2022 16:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 6280

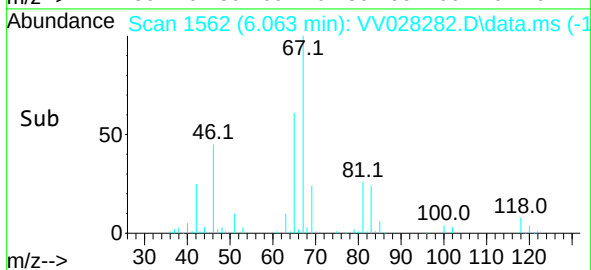
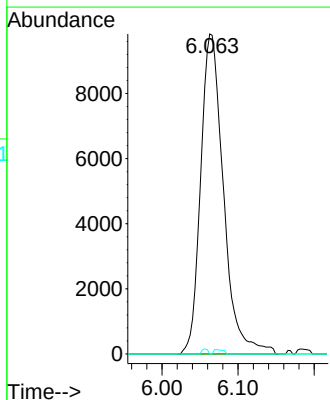
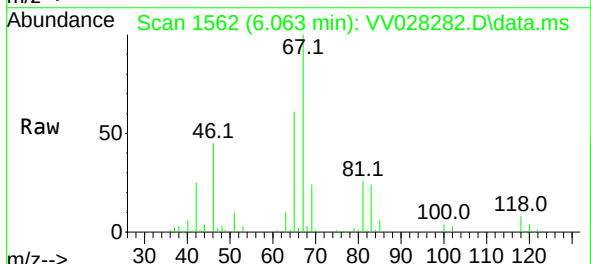
Ion	Ratio	Lower	Upper
95	100		
97	58.6	44.2	82.0
132	98.5	67.8	126.0
130	103.0	68.8	127.8

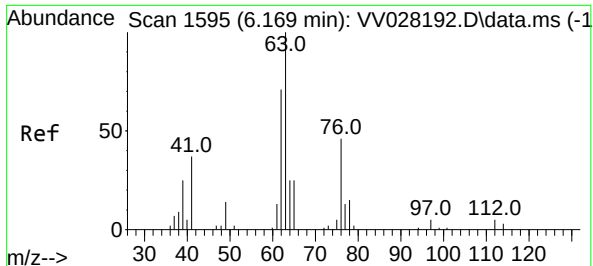


#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028282.D
Acq: 03 Oct 2022 16:46

Tgt Ion: 83 Resp: 20484

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.7	97.1#
98	0.4	39.5	59.3#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV028282.D

Acq: 03 Oct 2022 16:46

Instrument :

MSVOA_V

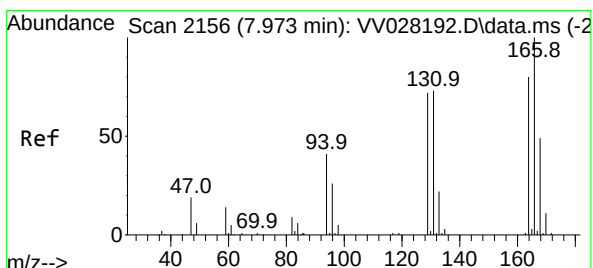
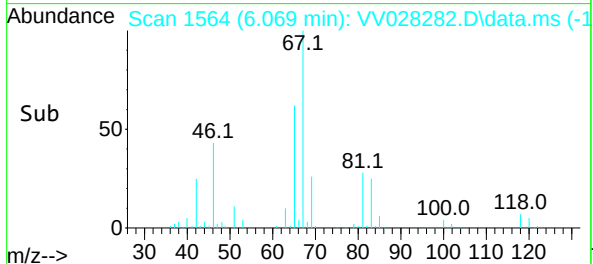
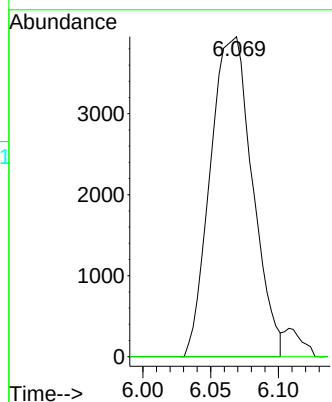
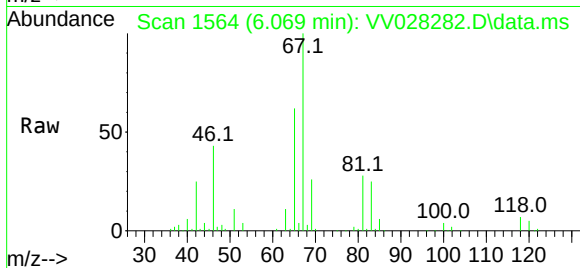
ClientSampleId :

Tgt Ion: 63 Resp: 8544

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#47

Tetrachloroethene

Concen: 1.377 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.004 min

Lab File: VV028282.D

Acq: 03 Oct 2022 16:46

Tgt Ion: 164 Resp: 17589

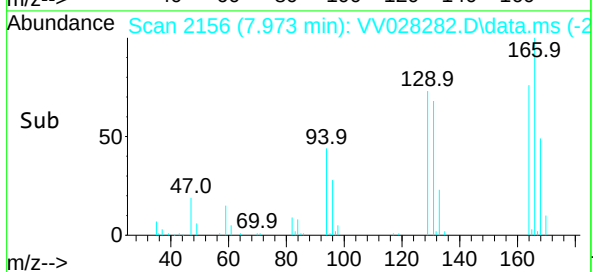
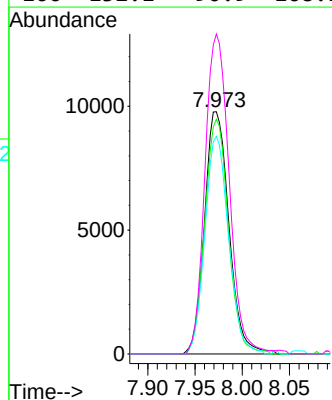
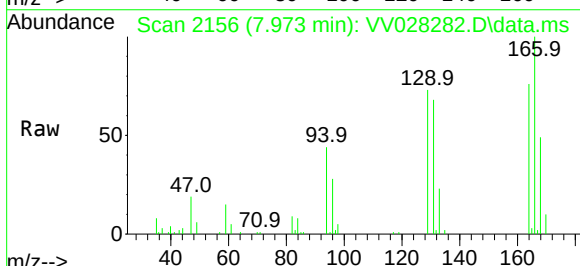
Ion Ratio Lower Upper

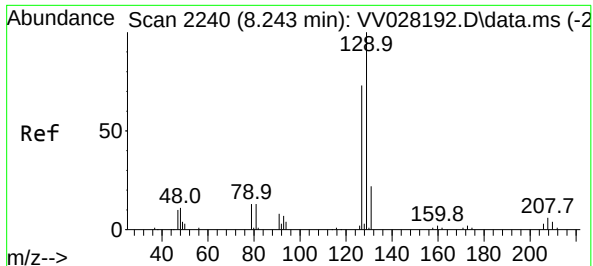
164 100

129 96.9 66.7 123.9

131 89.8 61.7 114.5

166 132.1 90.9 168.9





#49

Dibromochloromethane

Concen: 1.272 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV028282.D

Acq: 03 Oct 2022 16:46

Instrument :

MSVOA_V

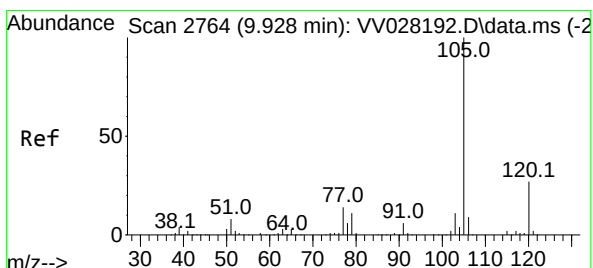
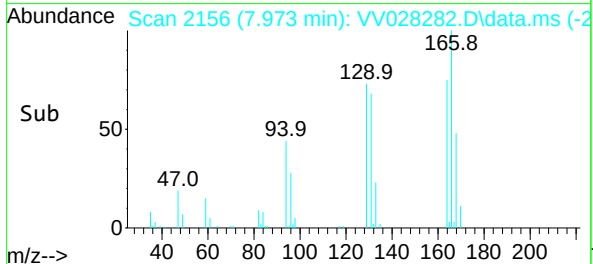
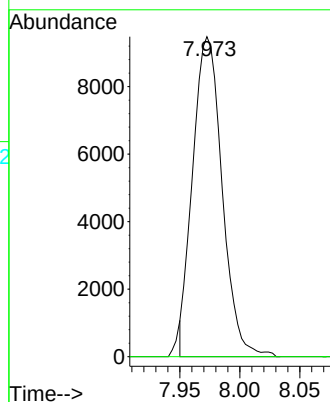
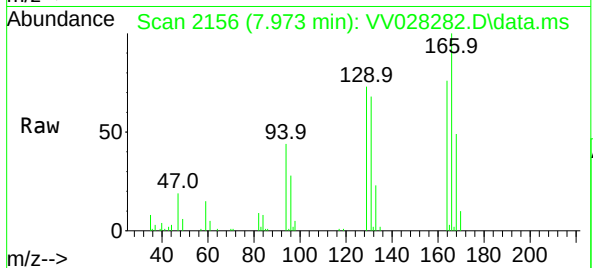
ClientSampleId :

Tgt Ion:129 Resp: 16146

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#60

Isopropylbenzene

Concen: 0.051 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. 0.007 min

Lab File: VV028282.D

Acq: 03 Oct 2022 16:46

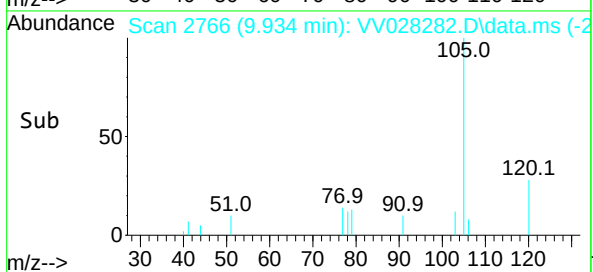
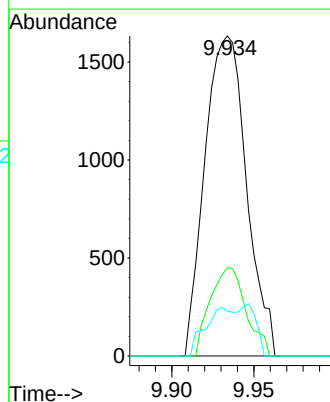
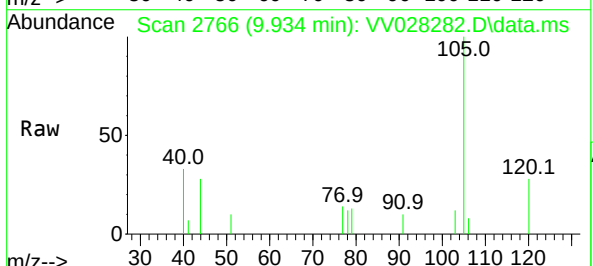
Tgt Ion:105 Resp: 2879

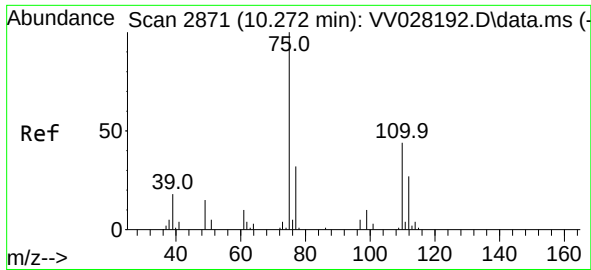
Ion Ratio Lower Upper

105 100

120 23.8 21.4 32.0

77 10.1 12.2 18.4#





#61

1,2,3-Trichloropropane

Concen: 1.266 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

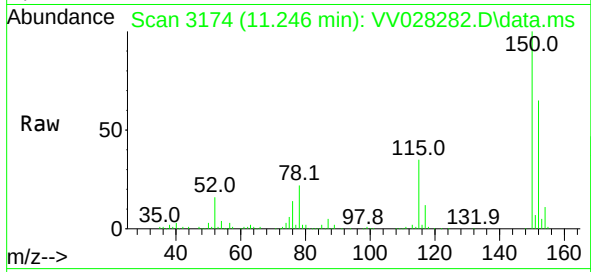
Lab File: VV028282.D

Acq: 03 Oct 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8974

Ion Ratio Lower Upper

75 100

77 34.0 26.7 40.1

110 1.6 30.1 45.1#

