

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029277.D
 Acq On : 22 Nov 2022 21:22
 Operator : SY/MD
 Sample : N5651-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:46:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

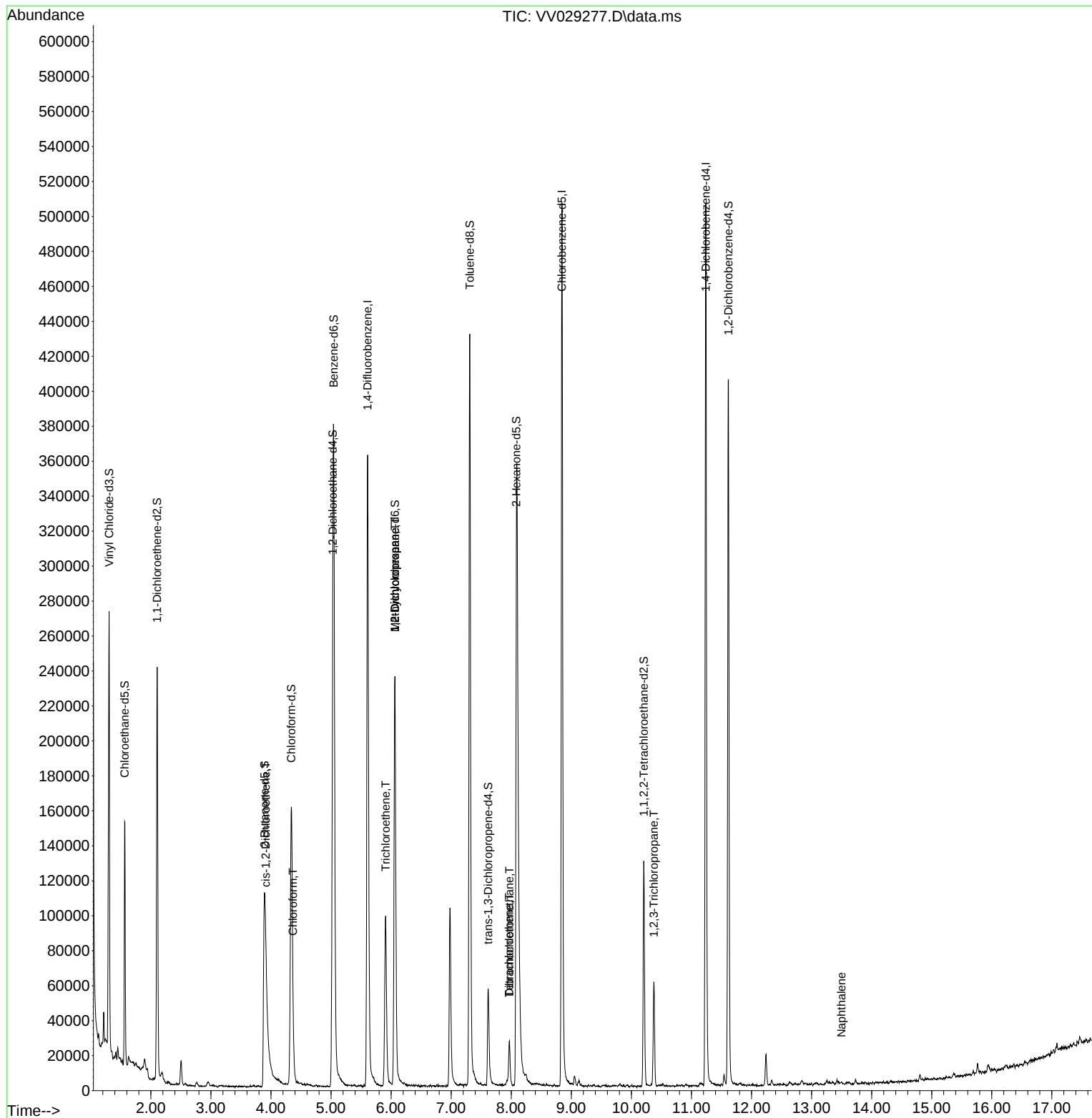
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	311393	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	271639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	123700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103591	3.488	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.564	69	88956	3.826	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.105	63	131996	2.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.200%#	
20) 2-Butanone-d5	3.892	46	223657	51.010	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.020%	
24) Chloroform-d	4.339	84	168178	3.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.027	65	88594	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.043	84	354362	4.001	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.063	67	124809	4.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.310	98	295768	3.707	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	7.616	79	35180	3.776	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.085	63	82088	49.147	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.300%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63504	4.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	99012	4.149	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						
22) cis-1,2-Dichloroethene	3.912	96	3636	0.143	ug/L	95
25) Chloroform	4.365	83	9395	0.210	ug/L	81
34) Trichloroethene	5.908	95	31738	1.219	ug/L	97
35) Methylcyclohexane	6.063	83	26813	0.637	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	12817	0.500	ug/L #	88
47) Tetrachloroethene	7.966	164	5137	0.301	ug/L	92
49) Dibromochloromethane	7.969	129	5079	0.319	ug/L #	10
61) 1,2,3-Trichloropropane	10.374	75	722	0.061	ug/L #	63
71) Naphthalene	13.496	128	613	0.068	ug/L #	70

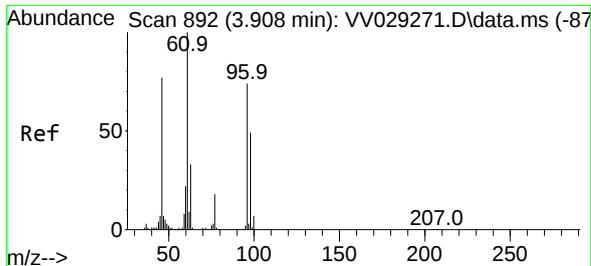
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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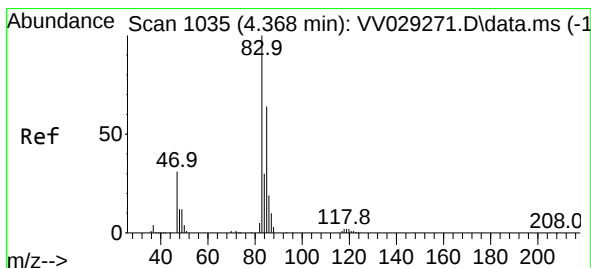
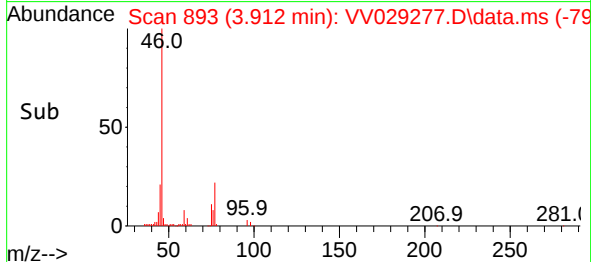
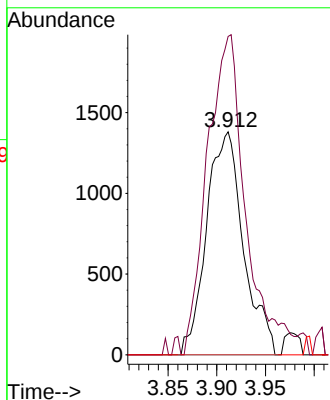
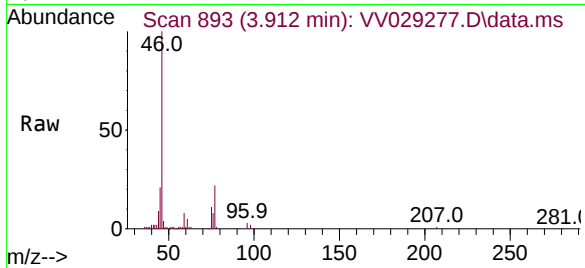




#22
 cis-1,2-Dichloroethene
 Concen: 0.143 ug/L
 RT: 3.912 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV029277.D
 Acq: 22 Nov 2022 21:22

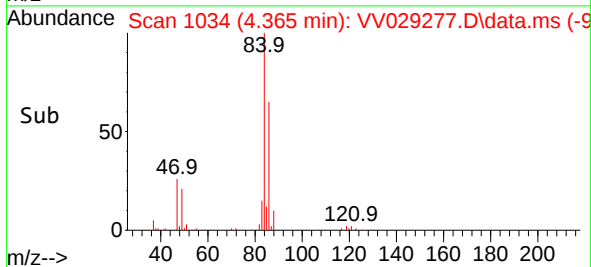
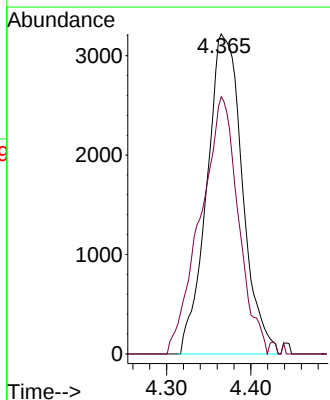
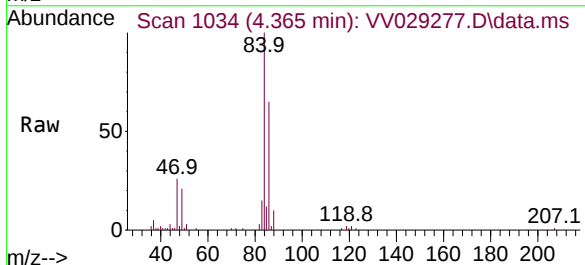
Instrument :
 MSVOA_V
 ClientSampleId :

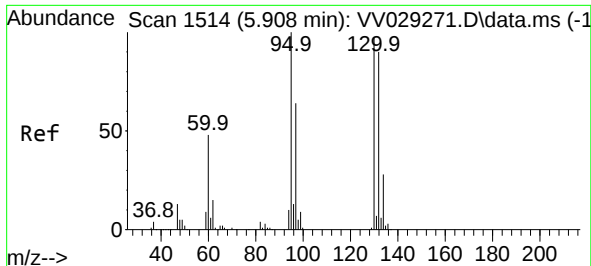
Tgt Ion: 96 Resp: 3636
 Ion Ratio Lower Upper
 96 100
 61 142.8 95.8 178.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.210 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VV029277.D
 Acq: 22 Nov 2022 21:22

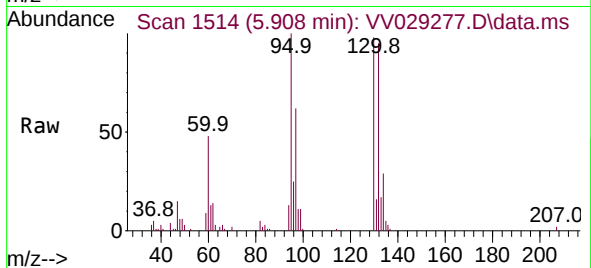
Tgt Ion: 83 Resp: 9395
 Ion Ratio Lower Upper
 83 100
 85 80.4 45.6 84.6





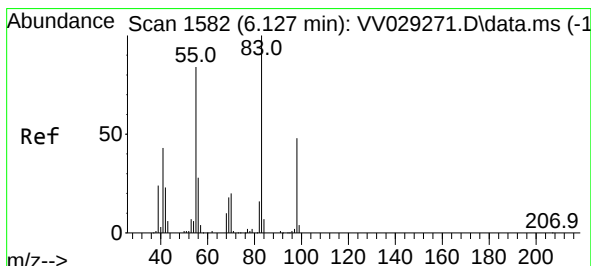
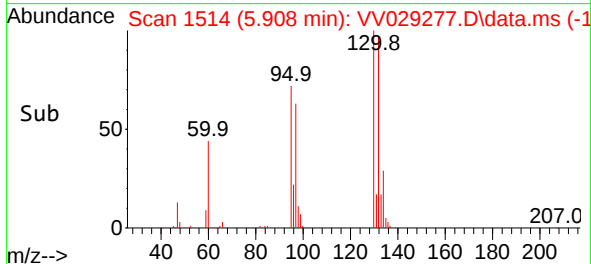
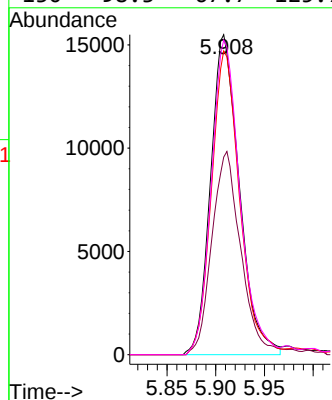
#34
Trichloroethene
Concen: 1.219 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029277.D
Acq: 22 Nov 2022 21:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 31738

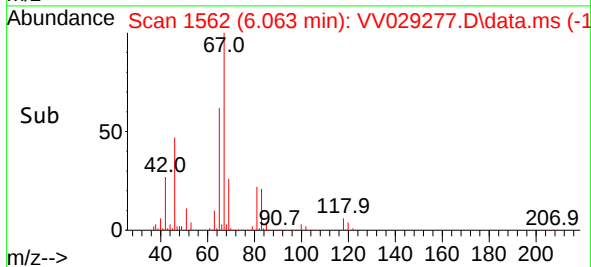
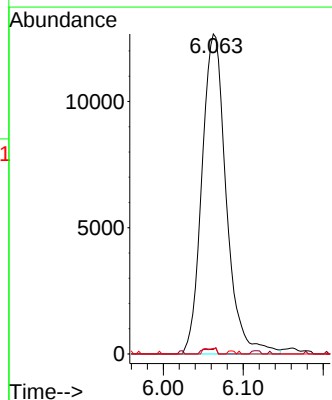
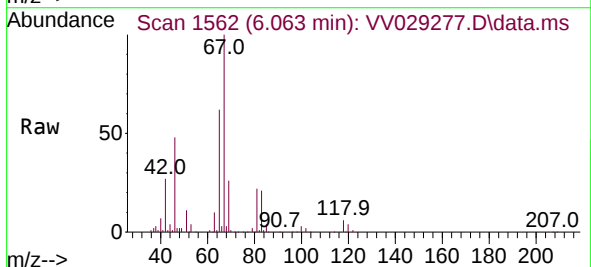
Ion	Ratio	Lower	Upper
95	100		
97	61.8	46.7	86.7
132	95.0	65.7	122.1
130	98.3	67.7	125.7

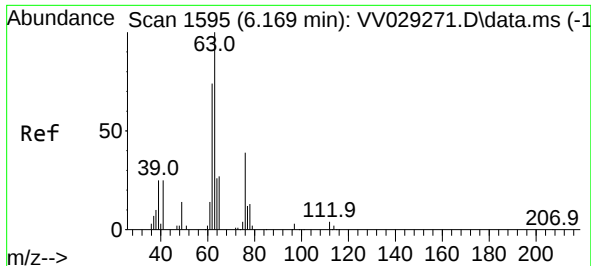


#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029277.D
Acq: 22 Nov 2022 21:22

Tgt Ion: 83 Resp: 26813

Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.7	98.5#
98	0.3	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.500 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029277.D

Acq: 22 Nov 2022 21:22

Instrument :

MSVOA_V

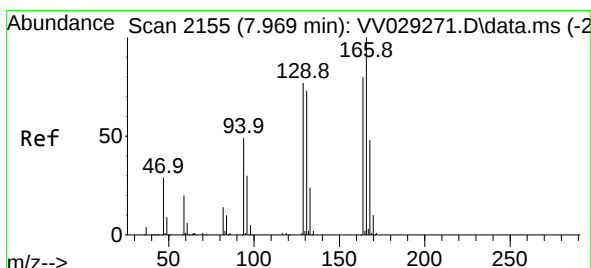
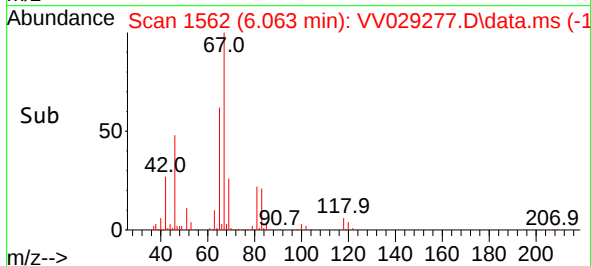
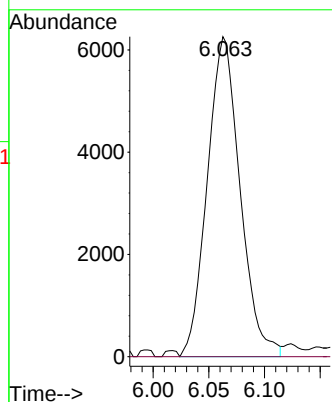
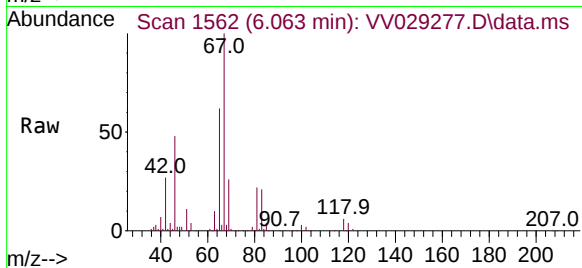
ClientSampleId :

Tgt Ion: 63 Resp: 12817

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.301 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.003 min

Lab File: VV029277.D

Acq: 22 Nov 2022 21:22

Tgt Ion: 164 Resp: 5137

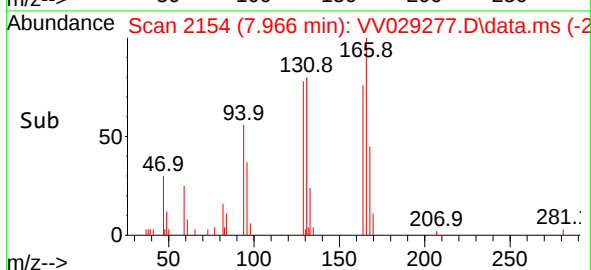
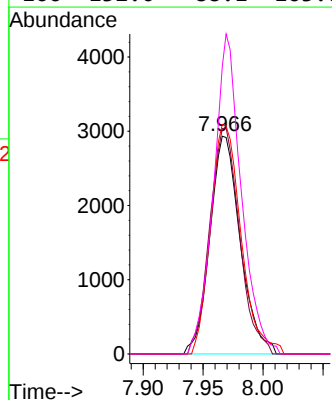
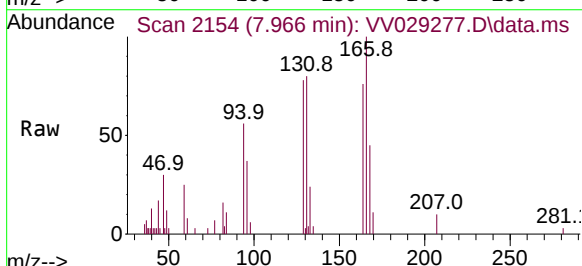
Ion Ratio Lower Upper

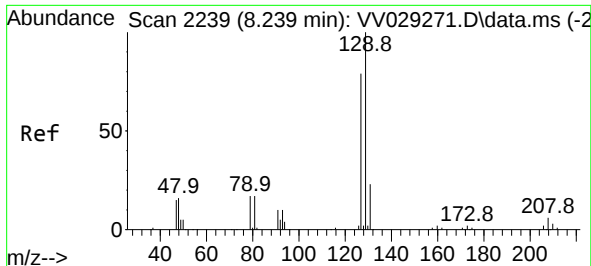
164 100

129 103.5 68.3 126.8

131 105.5 65.2 121.0

166 132.0 88.1 163.7





#49

Dibromochloromethane

Concen: 0.319 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029277.D

Acq: 22 Nov 2022 21:22

Instrument :

MSVOA_V

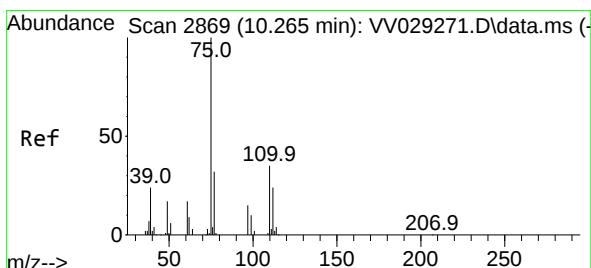
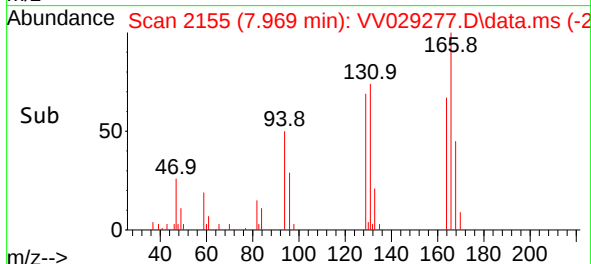
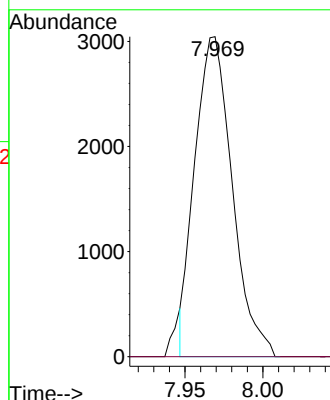
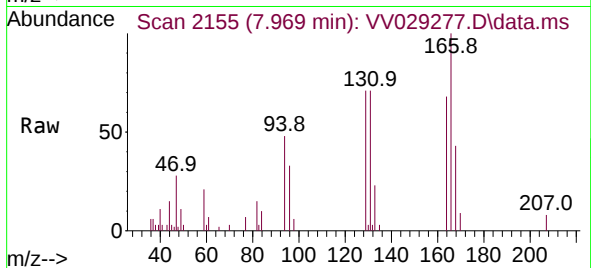
ClientSampleId :

Tgt Ion:129 Resp: 5079

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 0.061 ug/L

RT: 10.374 min Scan# 2903

Delta R.T. 0.109 min

Lab File: VV029277.D

Acq: 22 Nov 2022 21:22

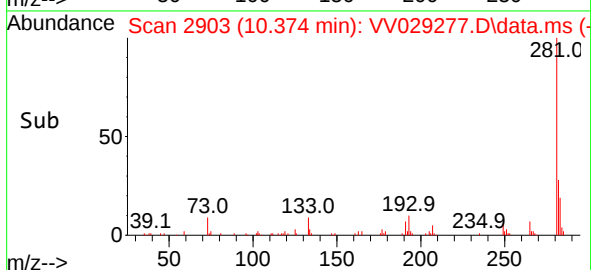
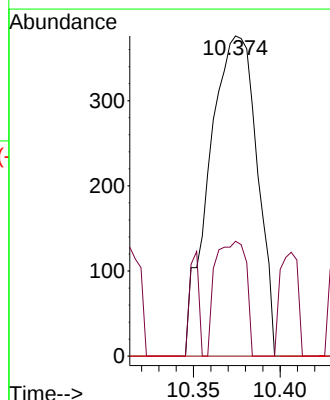
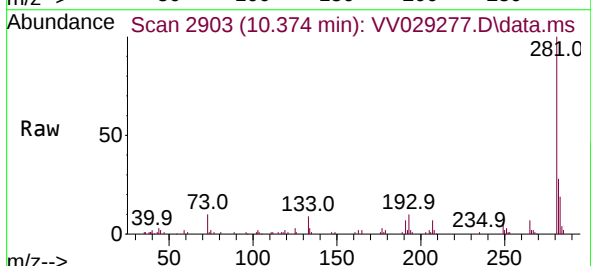
Tgt Ion: 75 Resp: 722

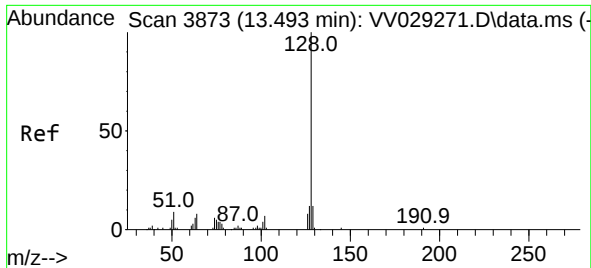
Ion Ratio Lower Upper

75 100

77 27.6 25.4 38.0

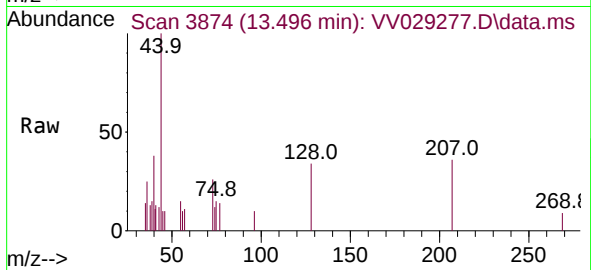
110 0.0 29.6 44.4#





#71
Naphthalene
Concen: 0.068 ug/L
RT: 13.496 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029277.D
Acq: 22 Nov 2022 21:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 613
Ion Ratio Lower Upper
128 100
129 0.0 8.4 12.6#
127 0.0 10.0 15.0#

