

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029285.D
 Acq On : 23 Nov 2022 00:38
 Operator : SY/MD
 Sample : N5651-15DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

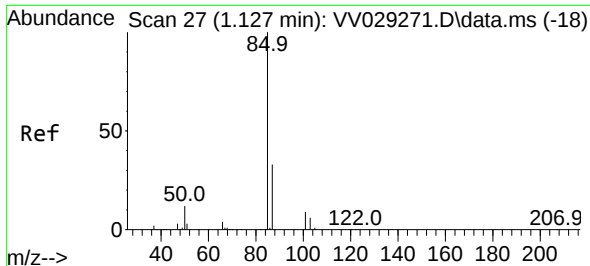
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:48:22 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)

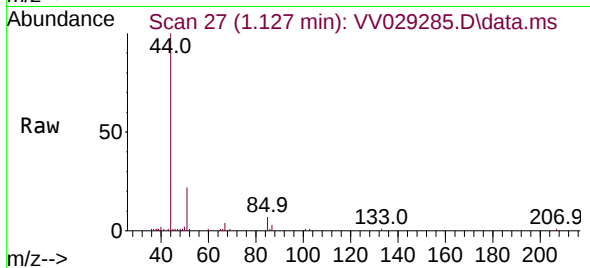
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	239182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	204172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	89385	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76700	3.362	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.564	69	72494	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.105	63	89362	2.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.899	46	220943	65.604	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.200%#
24) Chloroform-d	4.339	84	143490	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.027	65	77045	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.043	84	274299	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.063	67	104314	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.310	98	200903	3.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.619	79	30067	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.085	63	92554	73.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.440%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62242	5.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	72929	4.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	1441	0.072	ug/L	96
3) Chloromethane	1.240	50	1412	0.051	ug/L #	78
16) Methylene chloride	2.503	84	24651	0.887	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	8968	0.231	ug/L #	94
22) cis-1,2-Dichloroethene	3.908	96	4913	0.251	ug/L	91
25) Chloroform	4.365	83	5147	0.150	ug/L	87
34) Trichloroethene	5.908	95	76185	3.894	ug/L	96
35) Methylcyclohexane	6.063	83	22677	0.717	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	10860	0.563	ug/L #	88
44) trans-1,3-Dichloropropene	7.616	75	1551	0.081	ug/L #	64
45) 1,1,2-Trichloroethane	7.966	97	811	0.071	ug/L #	21
47) Tetrachloroethene	7.969	164	61575	4.793	ug/L	98
49) Dibromochloromethane	7.969	129	56956	4.764	ug/L #	10
57) 1,1,2,2-Tetrachloroethane	10.220	83	886	0.087	ug/L #	59
61) 1,2,3-Trichloropropane	11.239	75	12729	1.488	ug/L #	64

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

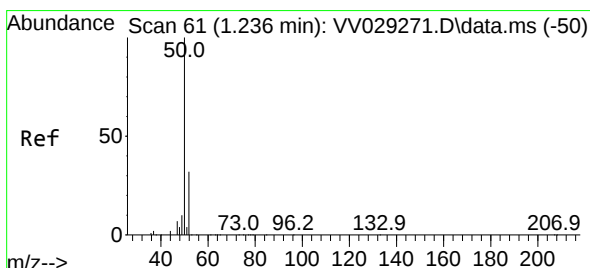
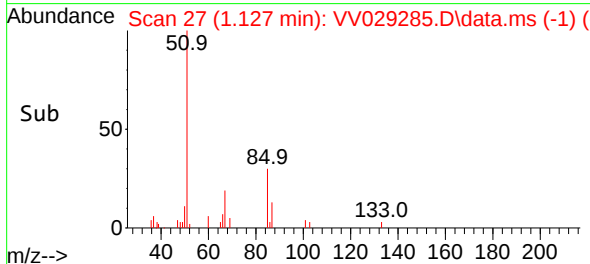
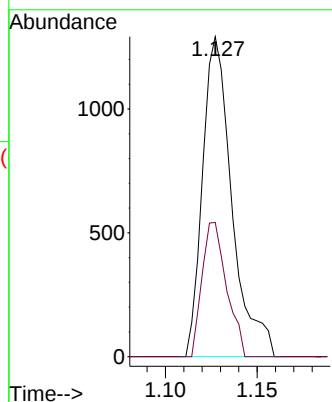


#2
 Dichlorodifluoromethane
 Concen: 0.072 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029285.D
 Acq: 23 Nov 2022 00:38

Instrument :
 MSVOA_V
 ClientSampleId :

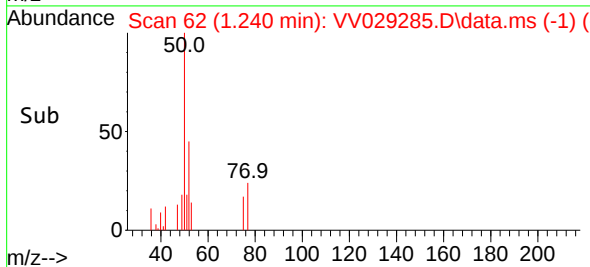
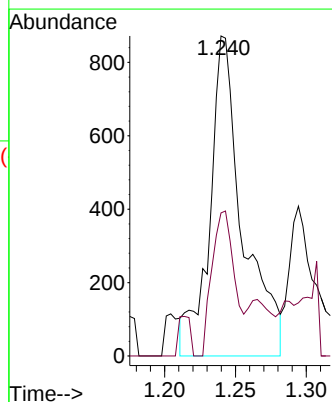
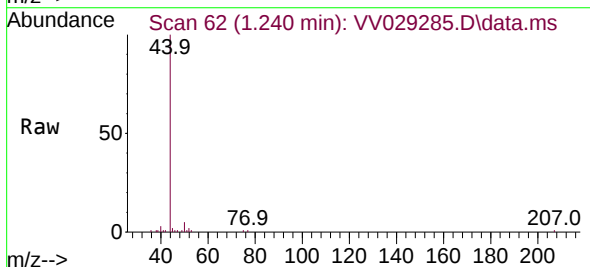


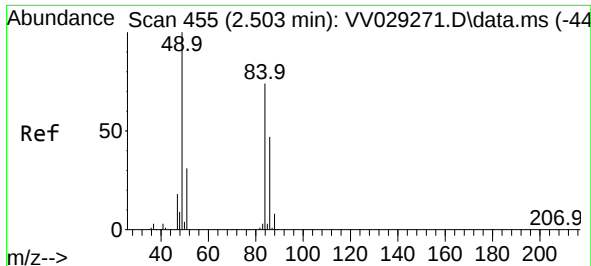
Tgt Ion: 85 Resp: 1441
 Ion Ratio Lower Upper
 85 100
 87 34.9 26.3 39.5



#3
 Chloromethane
 Concen: 0.051 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029285.D
 Acq: 23 Nov 2022 00:38

Tgt Ion: 50 Resp: 1412
 Ion Ratio Lower Upper
 50 100
 52 44.7 22.8 42.4#

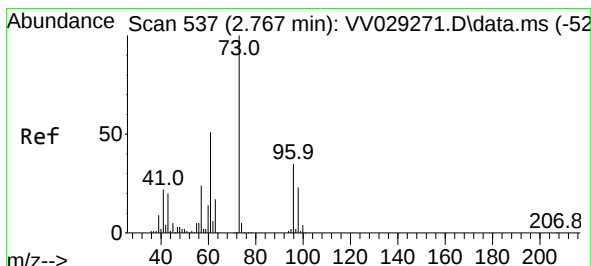
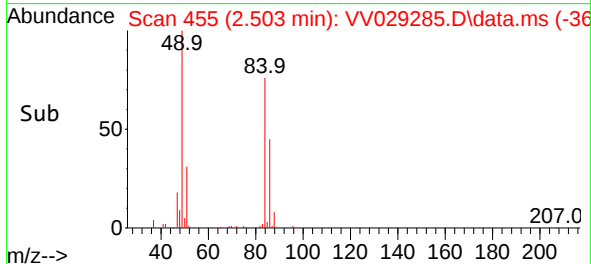
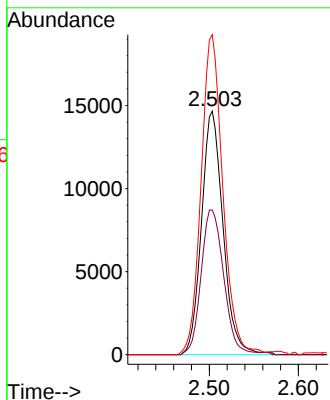
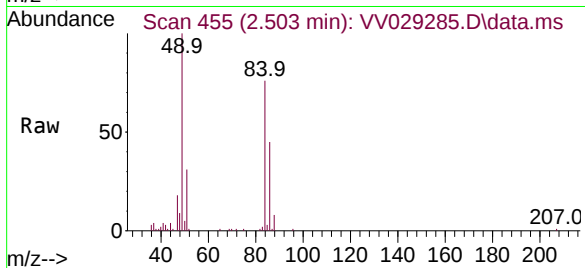




#16
Methylene chloride
Concen: 0.887 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029285.D
Acq: 23 Nov 2022 00:38

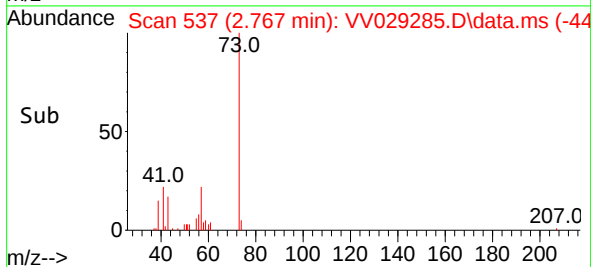
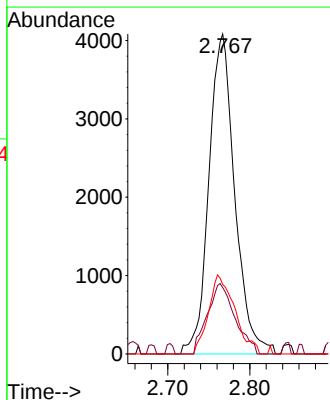
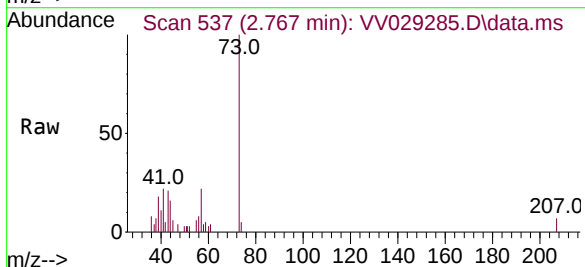
Instrument :
MSVOA_V
ClientSampleId :

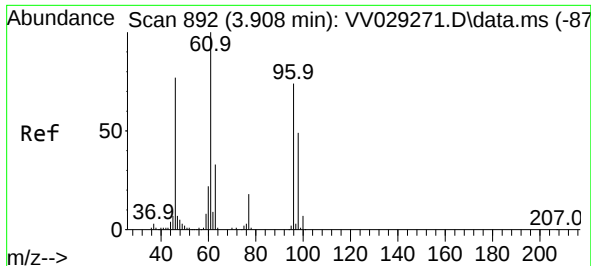
Tgt Ion: 84 Resp: 24651
Ion Ratio Lower Upper
84 100
86 59.4 44.2 82.2
49 131.4 91.9 170.7



#17
Methyl tert-butyl Ether
Concen: 0.231 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV029285.D
Acq: 23 Nov 2022 00:38

Tgt Ion: 73 Resp: 8968
Ion Ratio Lower Upper
73 100
43 23.4 15.4 23.2#
57 24.9 18.9 28.3

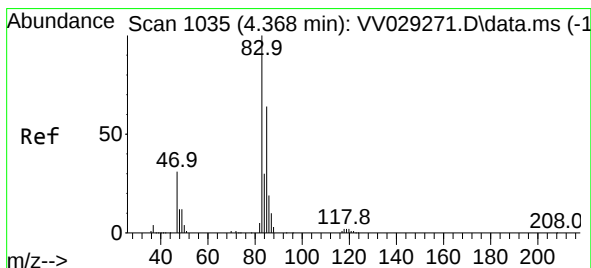
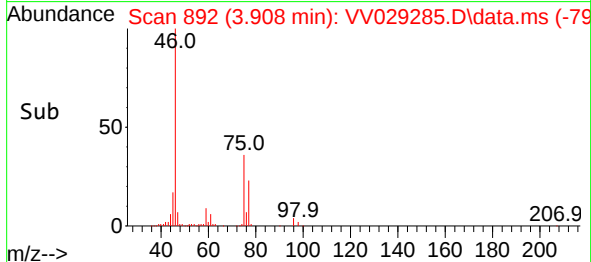
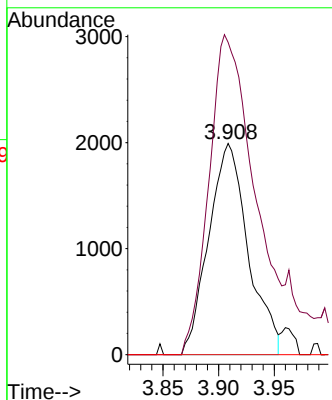
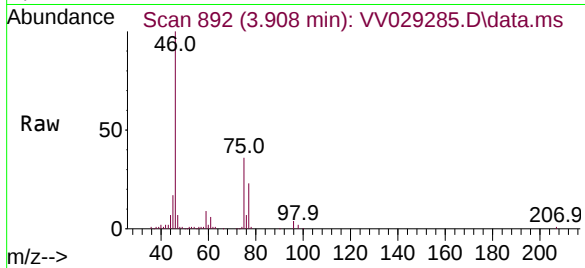




#22
 cis-1,2-Dichloroethene
 Concen: 0.251 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV029285.D
 Acq: 23 Nov 2022 00:38

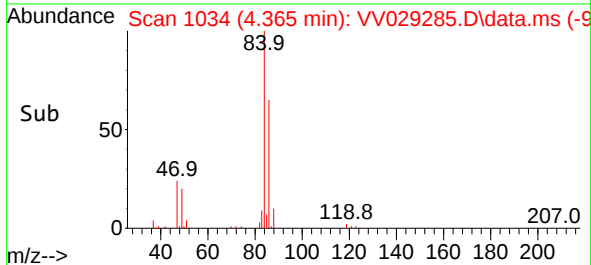
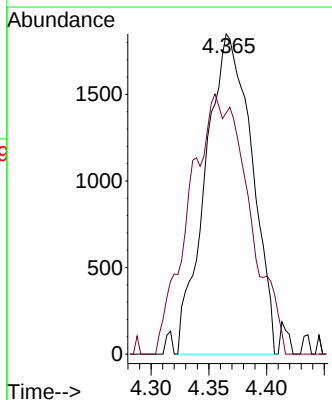
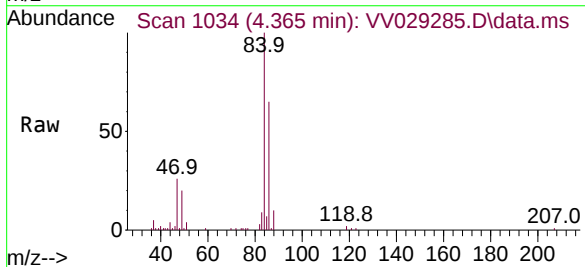
Instrument :
 MSVOA_V
 ClientSampleId :

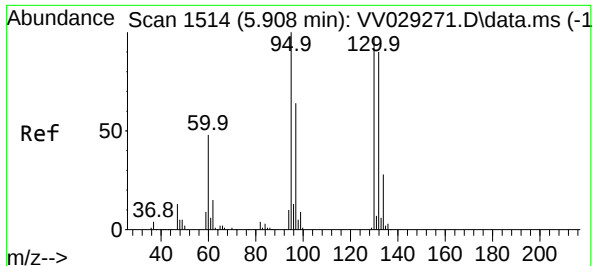
Tgt Ion: 96 Resp: 4913
 Ion Ratio Lower Upper
 96 100
 61 147.9 95.8 178.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.150 ug/L
 RT: 4.365 min Scan# 1034
 Delta R.T. -0.003 min
 Lab File: VV029285.D
 Acq: 23 Nov 2022 00:38

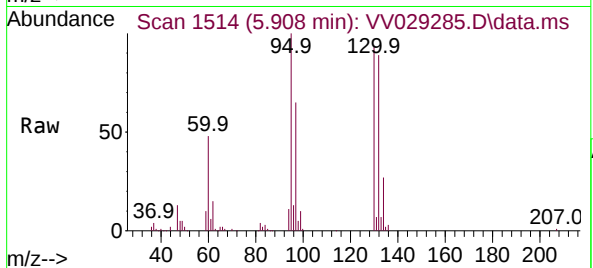
Tgt Ion: 83 Resp: 5147
 Ion Ratio Lower Upper
 83 100
 85 75.3 45.6 84.6





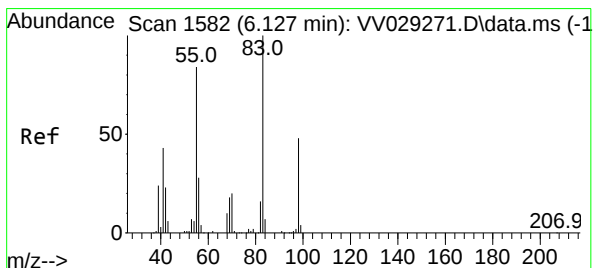
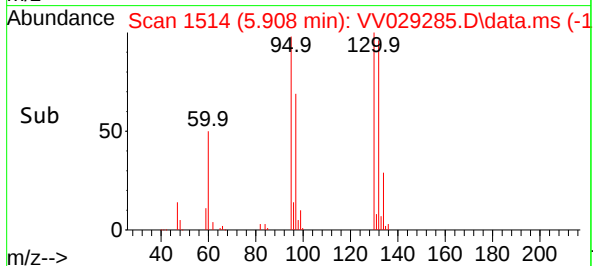
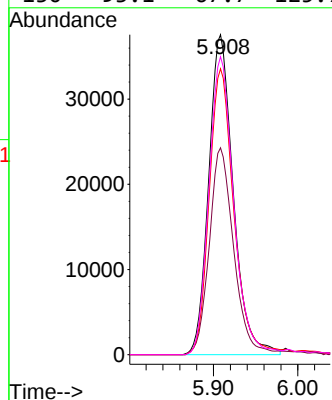
#34
Trichloroethene
Concen: 3.894 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029285.D
Acq: 23 Nov 2022 00:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 76185

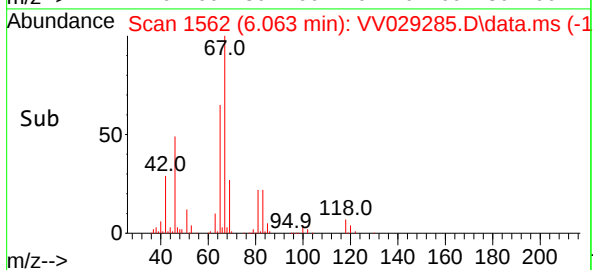
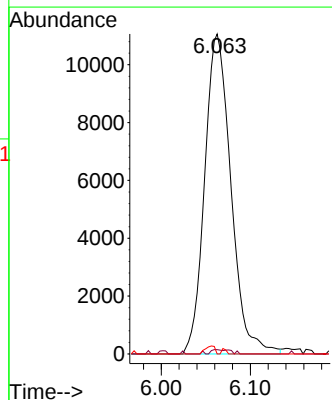
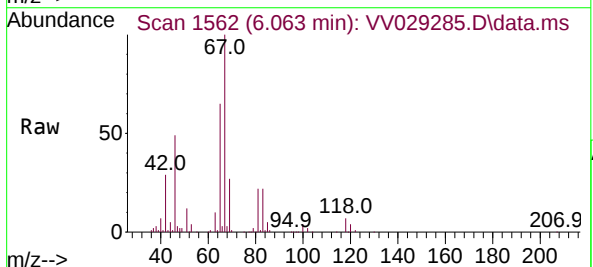
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.7	86.7
132	89.3	65.7	122.1
130	93.1	67.7	125.7

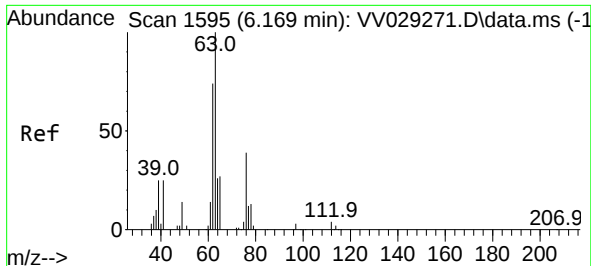


#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029285.D
Acq: 23 Nov 2022 00:38

Tgt Ion: 83 Resp: 22677

Ion	Ratio	Lower	Upper
83	100		
55	0.6	65.7	98.5#
98	0.9	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029285.D

Acq: 23 Nov 2022 00:38

Instrument :

MSVOA_V

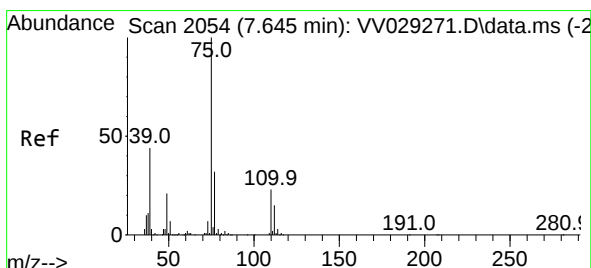
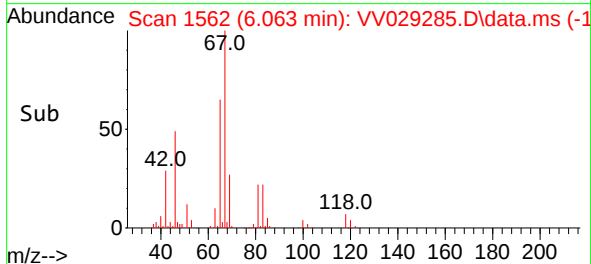
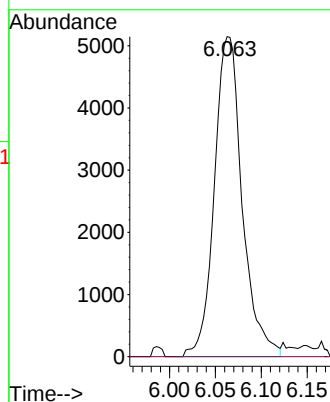
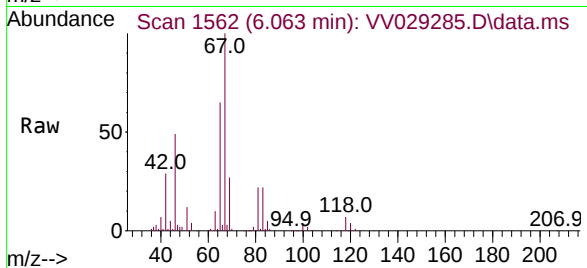
ClientSampleId :

Tgt Ion: 63 Resp: 10860

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.029 min

Lab File: VV029285.D

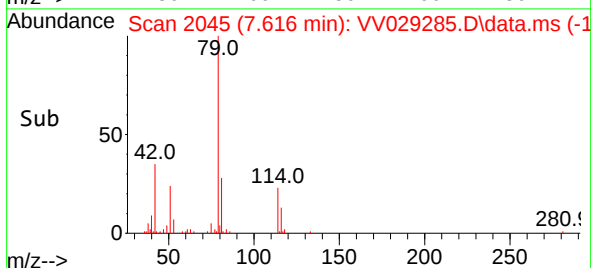
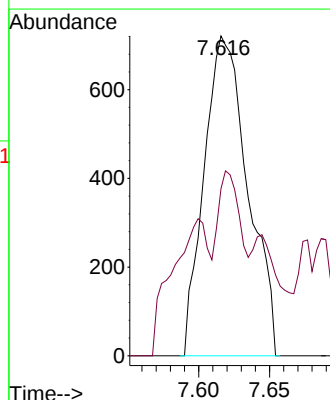
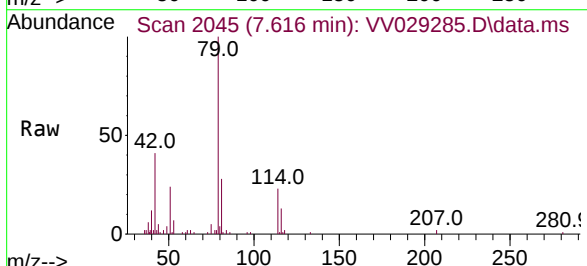
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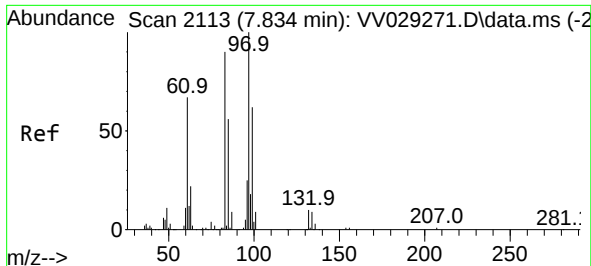
Tgt Ion: 75 Resp: 1551

Ion Ratio Lower Upper

75 100

77 52.3 22.4 41.6#





#45

1,1,2-Trichloroethane

Concen: 0.071 ug/L

RT: 7.966 min Scan# 2113

Delta R.T. 0.132 min

Lab File: VV029285.D

Acq: 23 Nov 2022 00:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 811

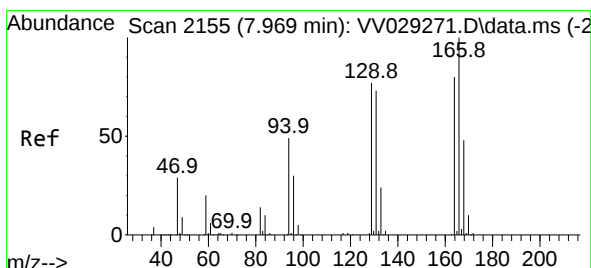
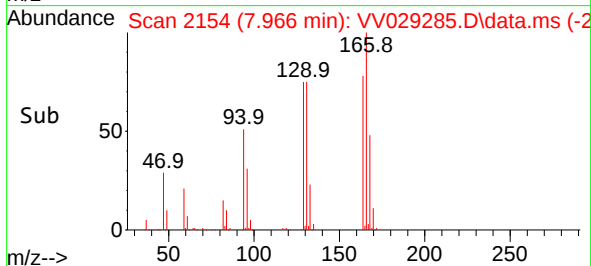
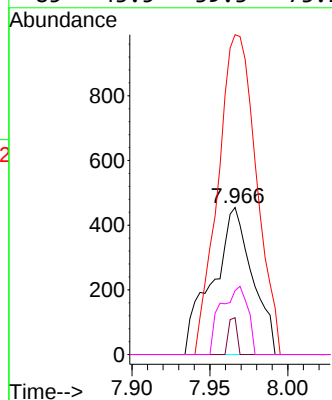
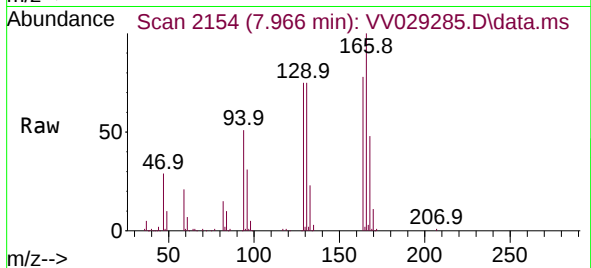
Ion Ratio Lower Upper

97 100

99 25.1 42.8 79.6#

83 217.4 61.4 114.0#

85 43.5 39.3 73.1



#47

Tetrachloroethene

Concen: 4.793 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV029285.D

Acq: 23 Nov 2022 00:38

Tgt Ion:164 Resp: 61575

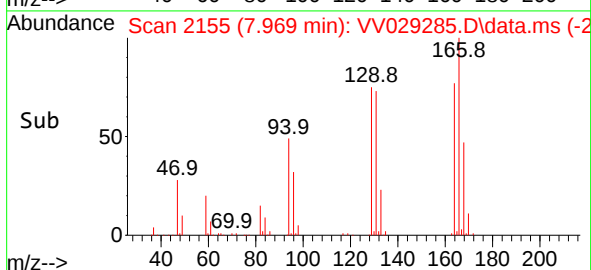
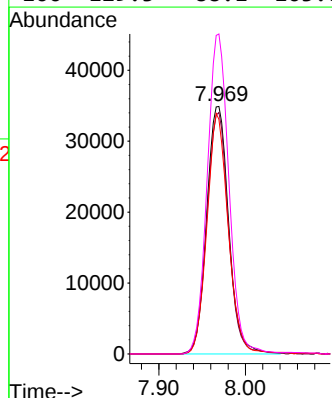
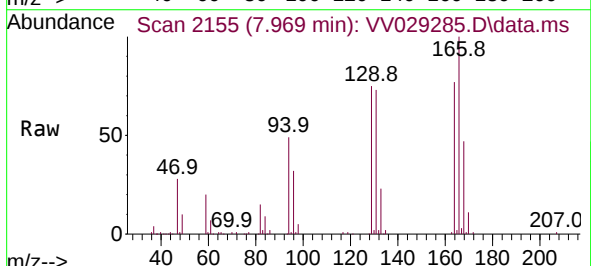
Ion Ratio Lower Upper

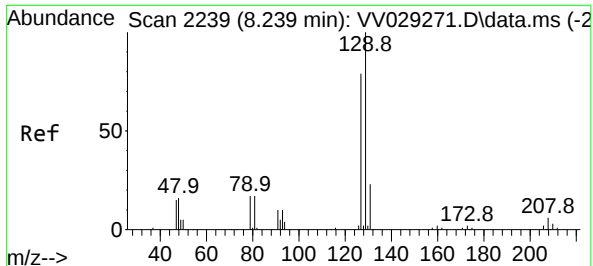
164 100

129 97.5 68.3 126.8

131 94.8 65.2 121.0

166 129.3 88.1 163.7





#49

Dibromochloromethane

Concen: 4.764 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV029285.D

Acq: 23 Nov 2022 00:38

Instrument :

MSVOA_V

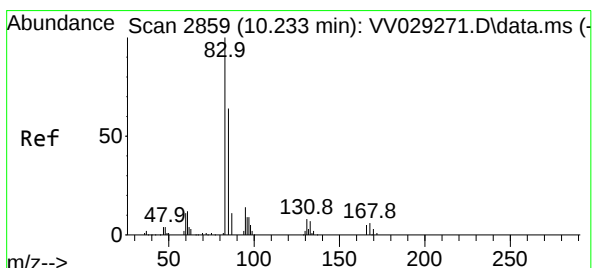
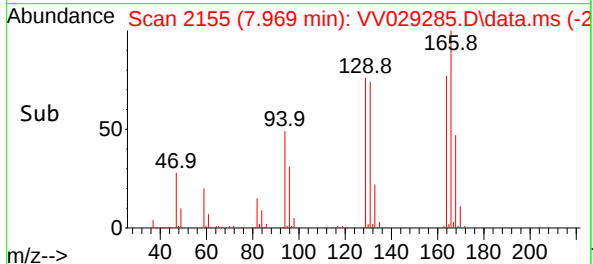
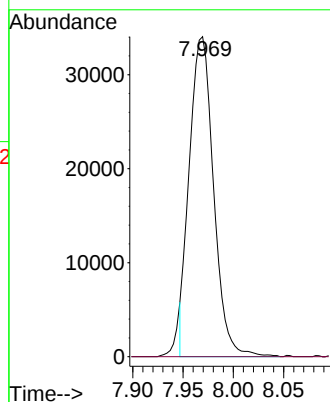
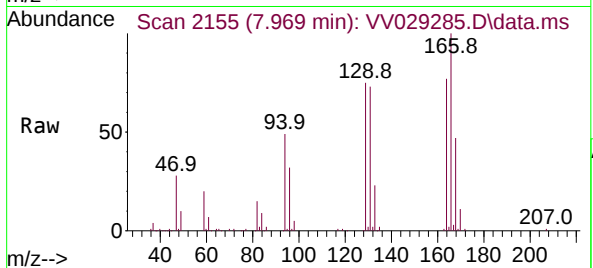
ClientSampleId :

Tgt Ion:129 Resp: 56956

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.087 ug/L

RT: 10.220 min Scan# 2855

Delta R.T. -0.013 min

Lab File: VV029285.D

Acq: 23 Nov 2022 00:38

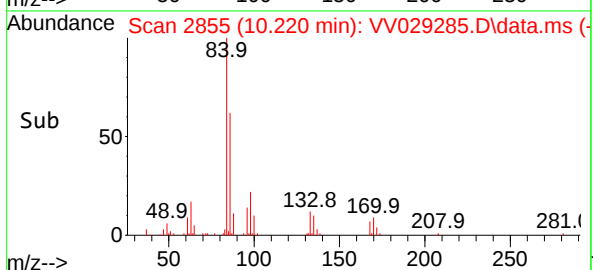
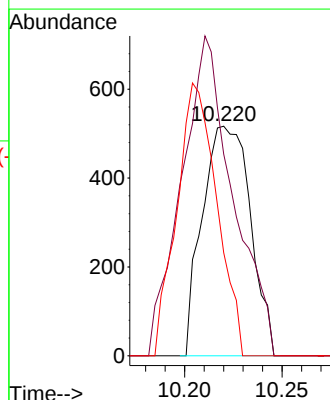
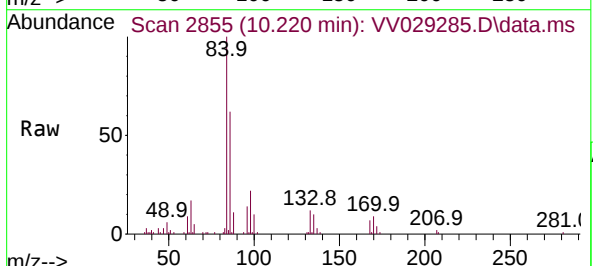
Tgt Ion: 83 Resp: 886

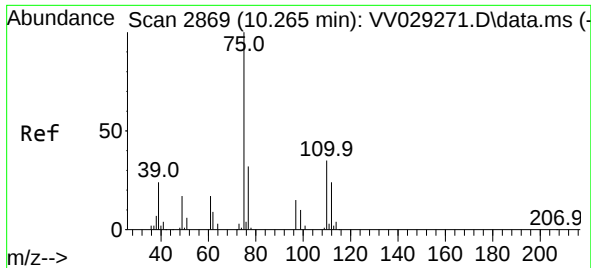
Ion Ratio Lower Upper

83 100

85 87.8 43.9 81.5#

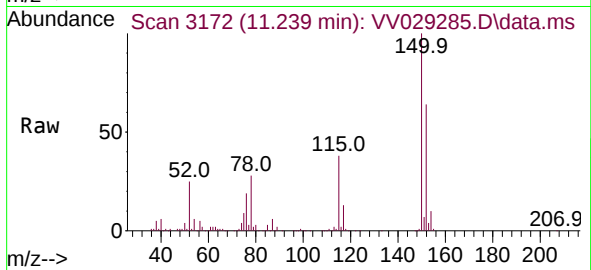
131 44.9 6.9 10.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.488 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029285.D
 Acq: 23 Nov 2022 00:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	12729
Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.4	38.0
110	2.5	29.6	44.4#

