

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029280.D
 Acq On : 22 Nov 2022 22:36
 Operator : SY/MD
 Sample : N5651-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:47:18 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)

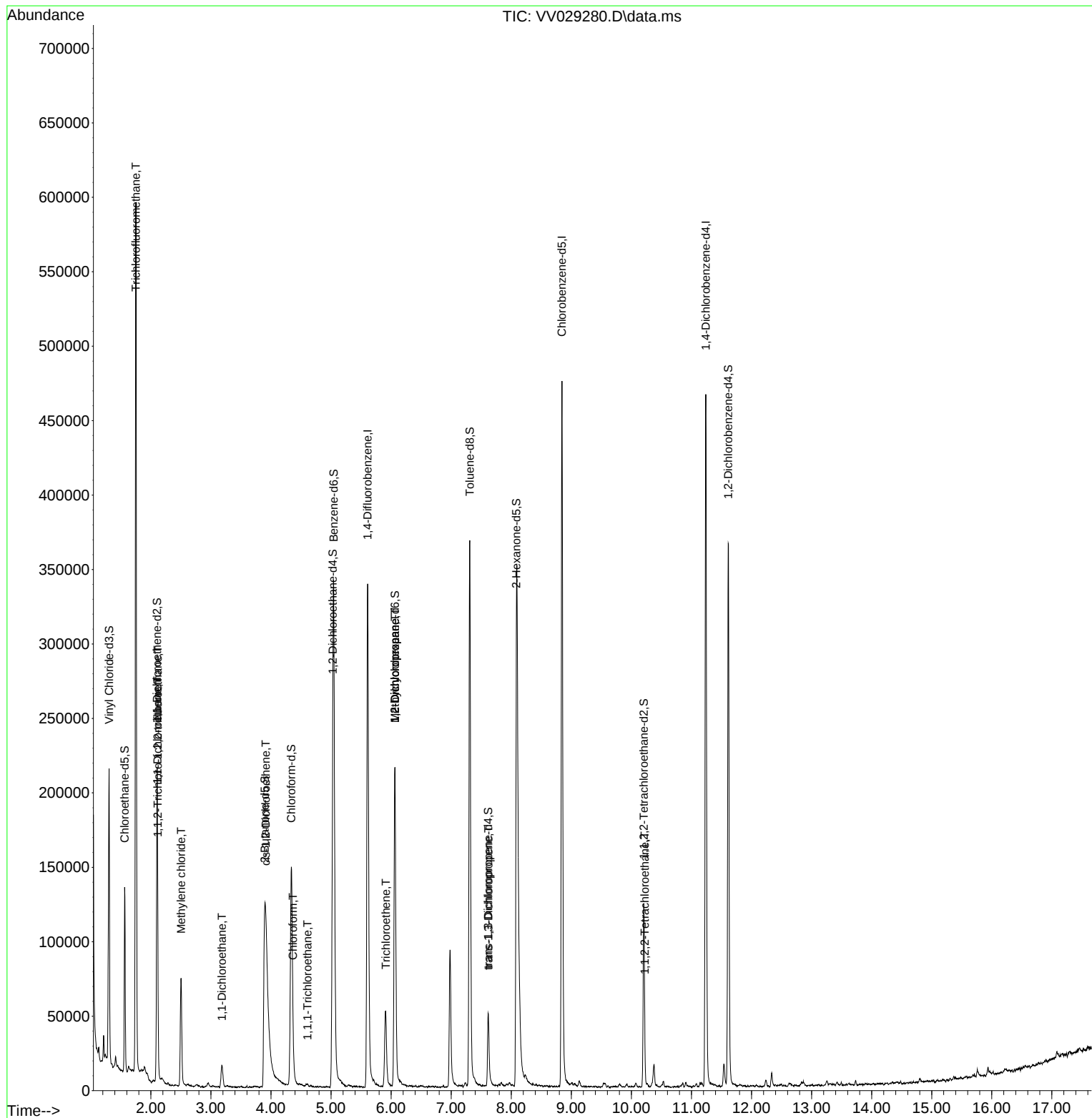
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	292176	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	257344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	117328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87690	3.146	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.565	69	78439	3.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.105	63	112478	2.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.896	46	218189	53.036	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	4.339	84	154750	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.027	65	80722	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.044	84	311203	3.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.063	67	112319	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.310	98	249544	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.616	79	31229	3.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.085	63	87956	55.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62368	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	89131	3.938	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	333038	9.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4378	0.201	ug/L	90
12) 1,1-Dichloroethene	2.111	96	2706	0.126	ug/L #	1
16) Methylene chloride	2.503	84	29492	0.869	ug/L	96
19) 1,1-Dichloroethane	3.182	63	15849	0.359	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	2297	0.096	ug/L #	60
25) Chloroform	4.365	83	5985	0.142	ug/L	85
29) 1,1,1-Trichloroethane	4.609	97	1071	0.031	ug/L #	81
34) Trichloroethene	5.912	95	14976	0.607	ug/L	98
35) Methylcyclohexane	6.063	83	24041	0.603	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	12048	0.496	ug/L #	88
44) trans-1,3-Dichloropropene	7.619	75	1931	0.080	ug/L #	29
57) 1,1,2,2-Tetrachloroethane	10.223	83	1135	0.088	ug/L #	53

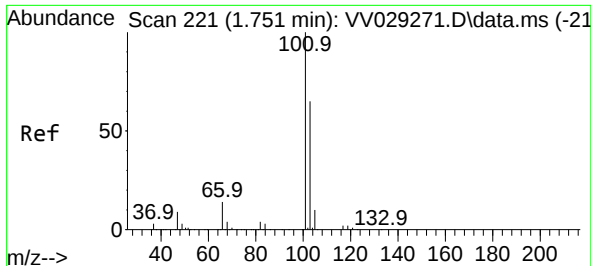
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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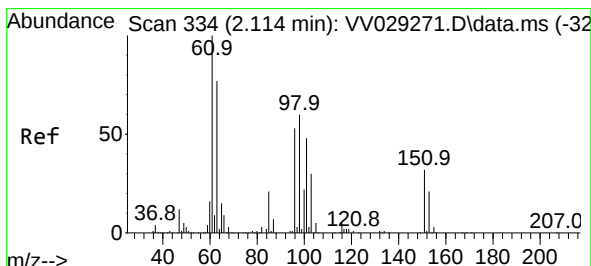
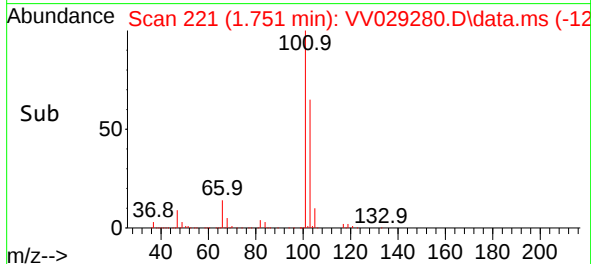
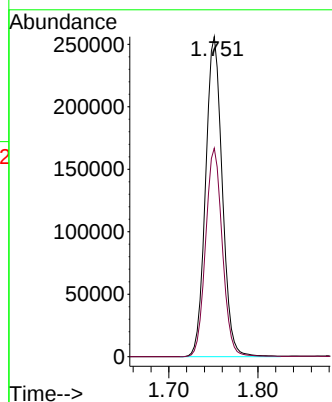
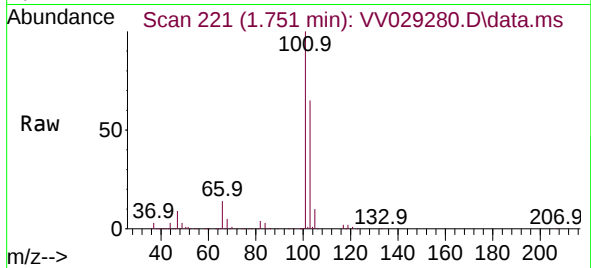




#9
 Trichlorofluoromethane
 Concen: 9.059 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029280.D
 Acq: 22 Nov 2022 22:36

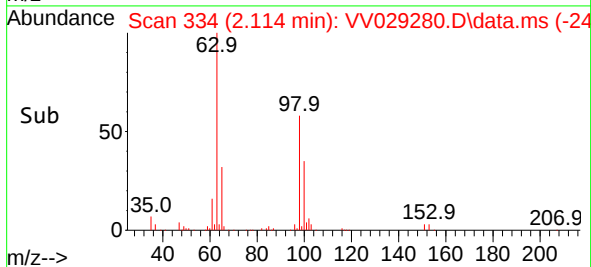
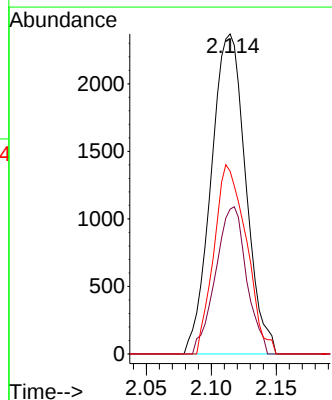
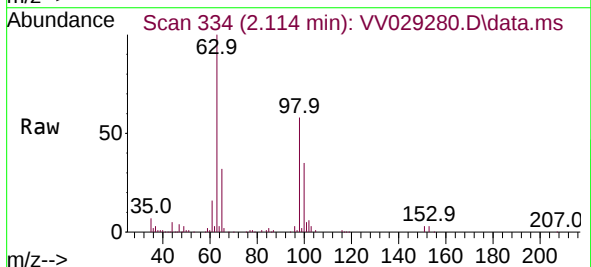
Instrument :
 MSVOA_V
 ClientSampleId :

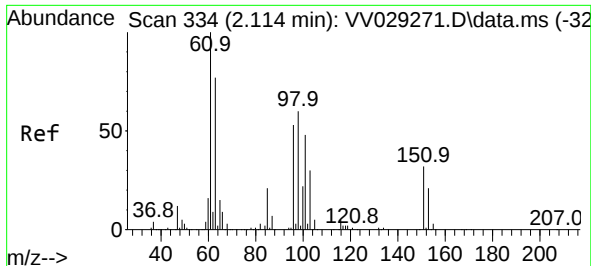
Tgt Ion:101 Resp: 333038
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.7 77.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.201 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029280.D
 Acq: 22 Nov 2022 22:36

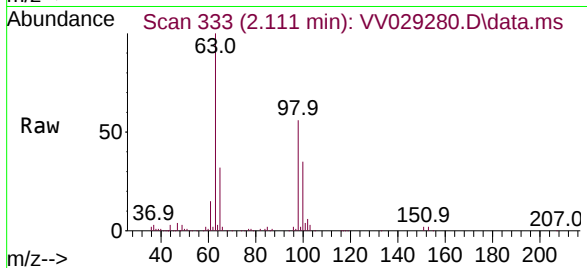
Tgt Ion:101 Resp: 4378
 Ion Ratio Lower Upper
 101 100
 85 41.2 34.7 52.1
 151 55.5 53.4 80.2



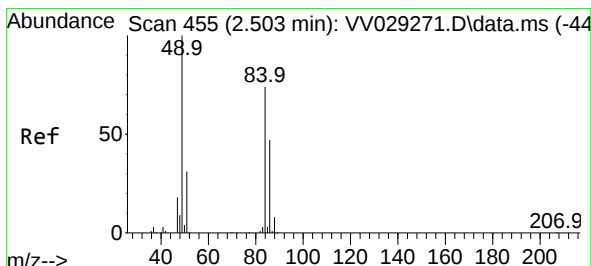
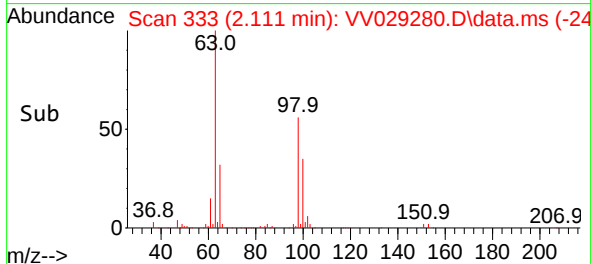
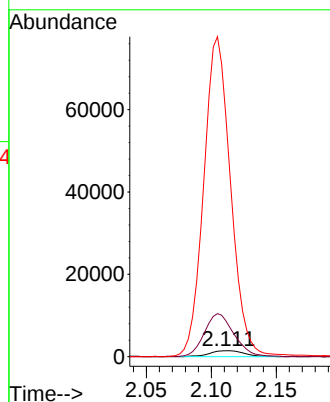


#12
1,1-Dichloroethene
Concen: 0.126 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029280.D
Acq: 22 Nov 2022 22:36

Instrument :
MSVOA_V
ClientSampleId :

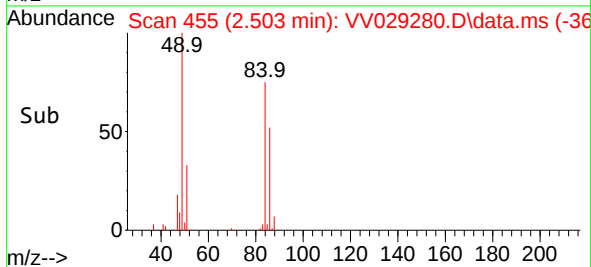
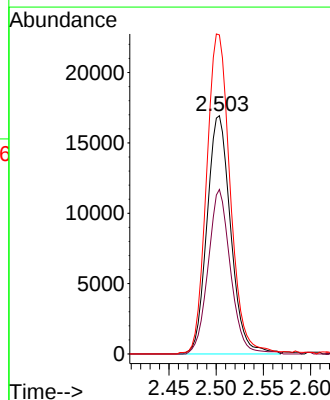
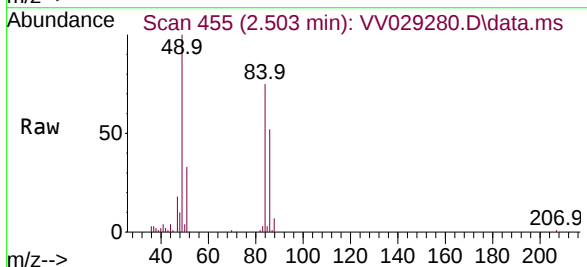


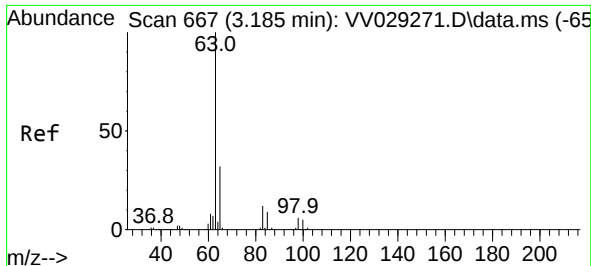
Tgt Ion: 96 Resp: 2706
Ion Ratio Lower Upper
96 100
61 602.4 131.9 245.0#
63 4037.0 98.6 183.0#



#16
Methylene chloride
Concen: 0.869 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029280.D
Acq: 22 Nov 2022 22:36

Tgt Ion: 84 Resp: 29492
Ion Ratio Lower Upper
84 100
86 69.0 44.2 82.2
49 134.0 91.9 170.7





#19

1,1-Dichloroethane

Concen: 0.359 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029280.D

Acq: 22 Nov 2022 22:36

Instrument :

MSVOA_V

ClientSampleId :

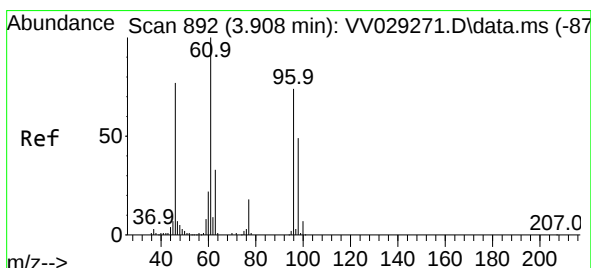
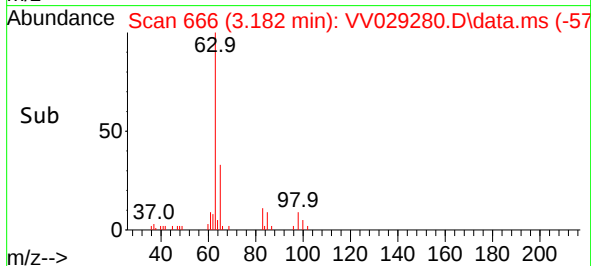
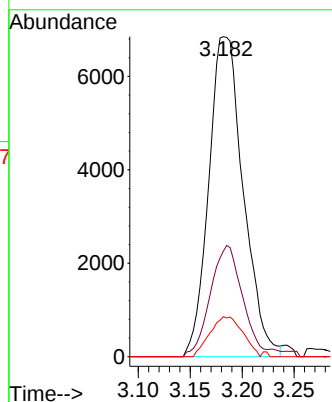
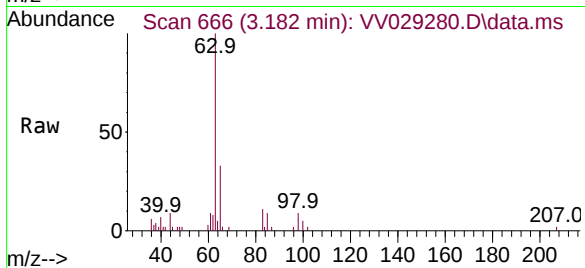
Tgt Ion: 63 Resp: 15849

Ion Ratio Lower Upper

63 100

65 33.0 22.1 41.1

83 12.5 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 0.096 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV029280.D

Acq: 22 Nov 2022 22:36

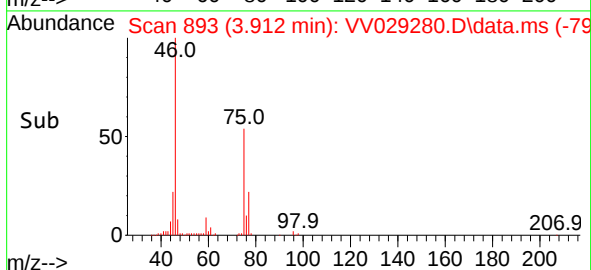
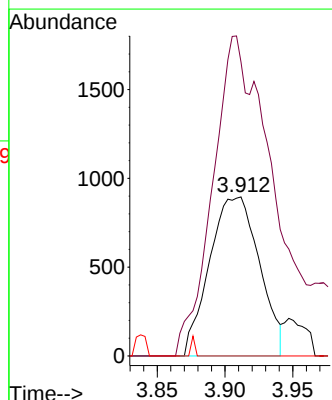
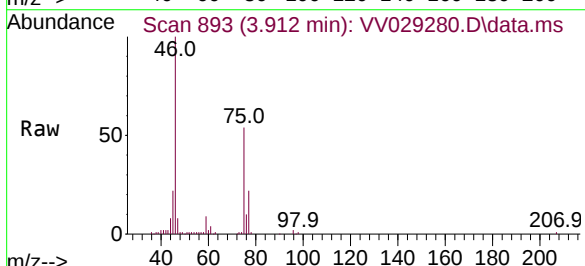
Tgt Ion: 96 Resp: 2297

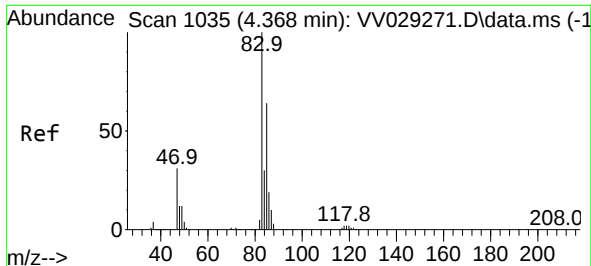
Ion Ratio Lower Upper

96 100

61 184.7 95.8 178.0#

68 0.0 0.0 0.0

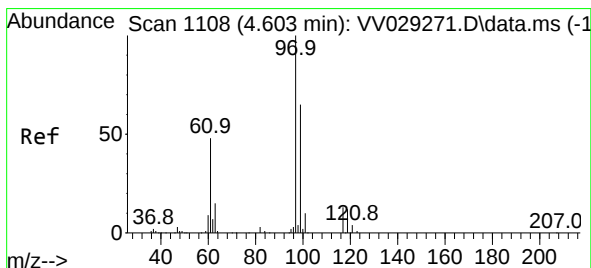
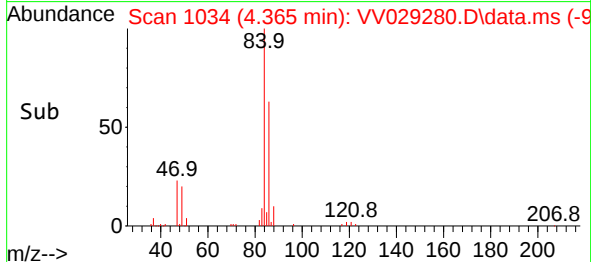
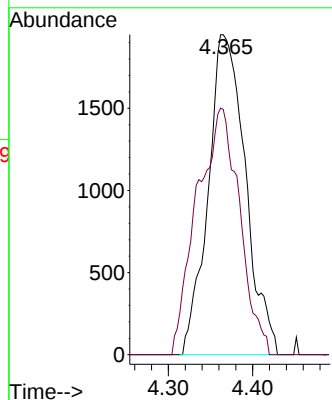
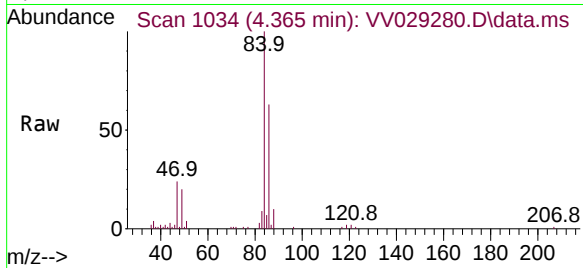




#25
Chloroform
Concen: 0.142 ug/L
RT: 4.365 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV029280.D
Acq: 22 Nov 2022 22:36

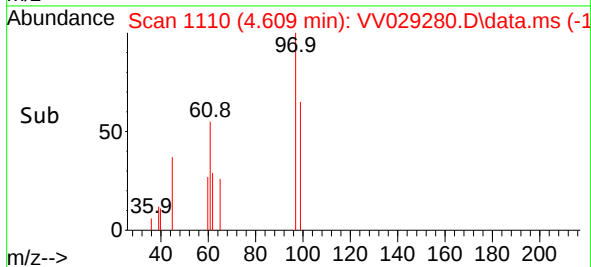
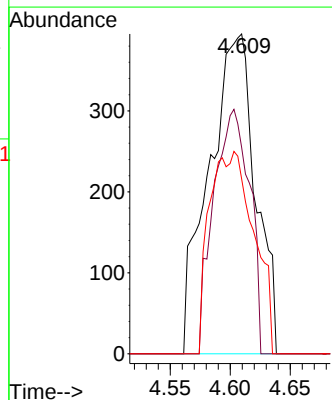
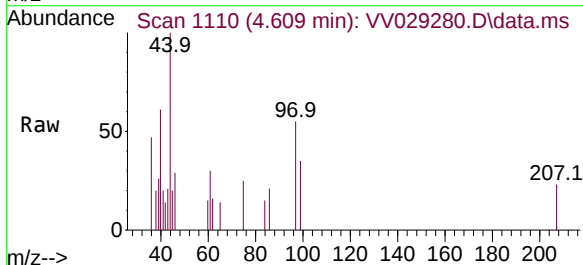
Instrument :
MSVOA_V
ClientSampleId :

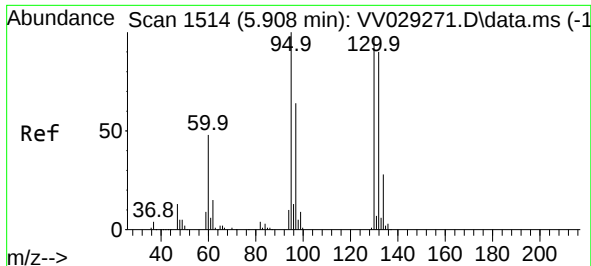
Tgt Ion: 83 Resp: 5985
Ion Ratio Lower Upper
83 100
85 76.6 45.6 84.6



#29
1,1,1-Trichloroethane
Concen: 0.031 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.007 min
Lab File: VV029280.D
Acq: 22 Nov 2022 22:36

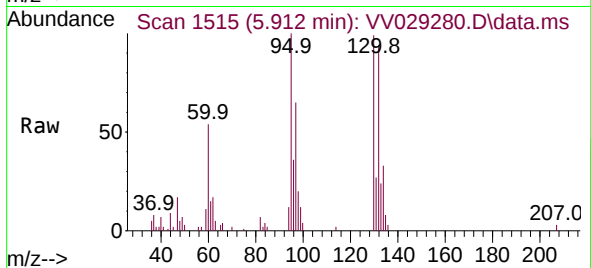
Tgt Ion: 97 Resp: 1071
Ion Ratio Lower Upper
97 100
99 58.8 51.1 76.7
61 25.4 39.0 58.4#



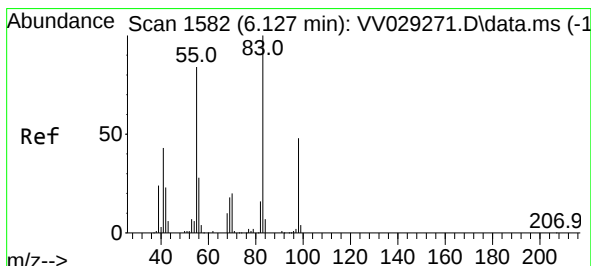
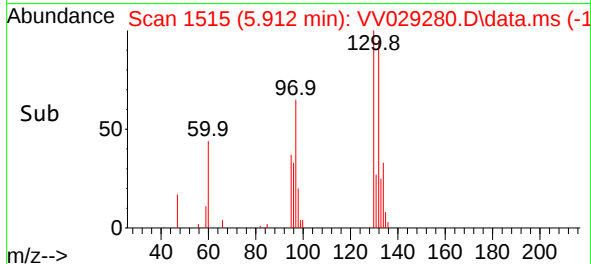
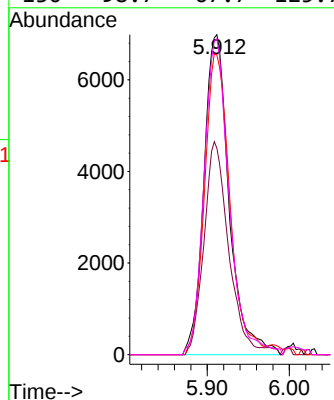


#34
 Trichloroethene
 Concen: 0.607 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VV029280.D
 Acq: 22 Nov 2022 22:36

Instrument :
 MSVOA_V
 ClientSampleId :

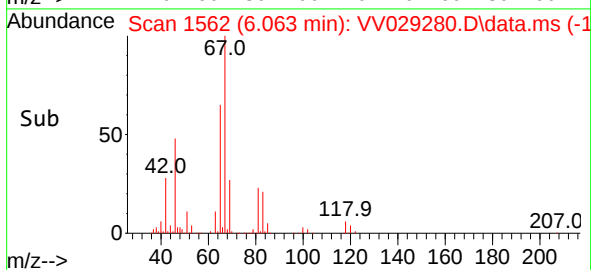
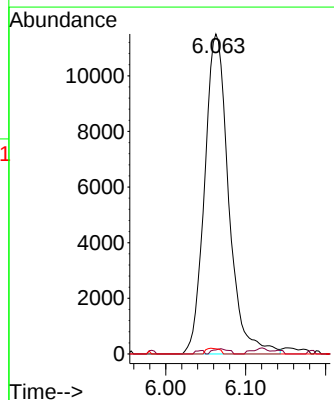
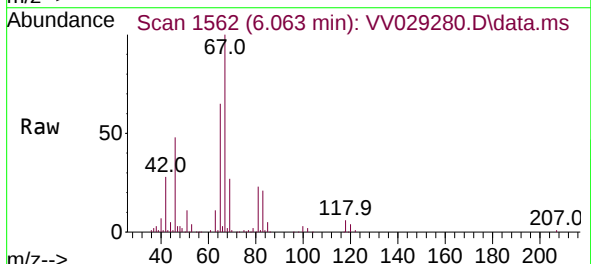


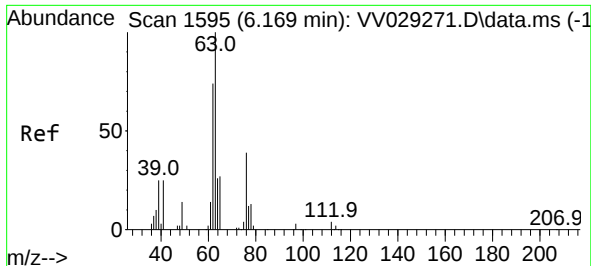
Tgt Ion:	95	Resp:	14976
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.7	86.7
132	93.7	65.7	122.1
130	98.7	67.7	125.7



#35
 Methylcyclohexane
 Concen: 0.603 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.064 min
 Lab File: VV029280.D
 Acq: 22 Nov 2022 22:36

Tgt Ion:	83	Resp:	24041
Ion	Ratio	Lower	Upper
83	100		
55	1.0	65.7	98.5#
98	1.0	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029280.D

Acq: 22 Nov 2022 22:36

Instrument :

MSVOA_V

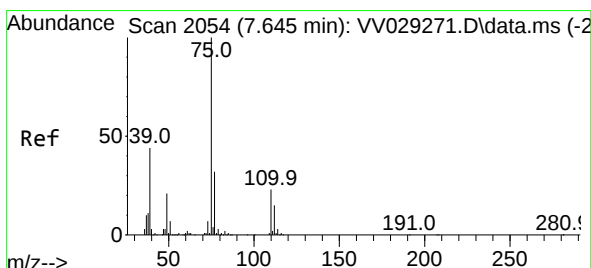
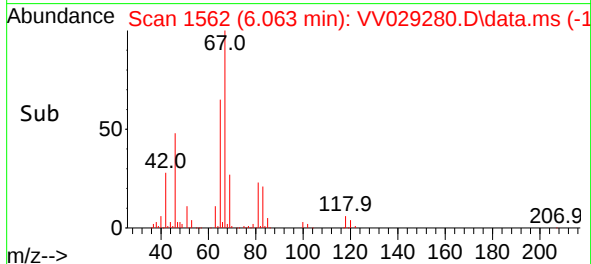
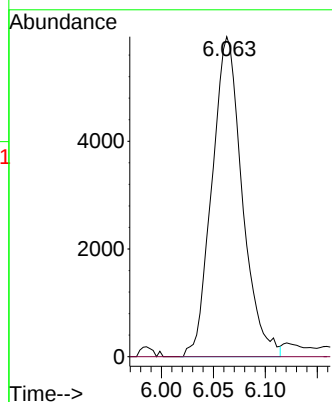
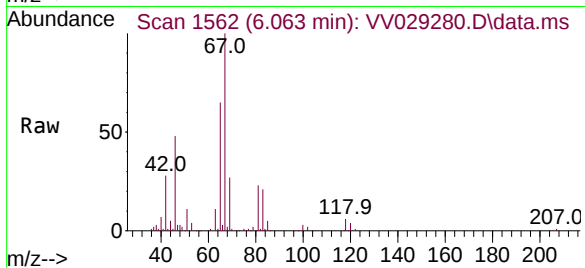
ClientSampleId :

Tgt Ion: 63 Resp: 12048

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV029280.D

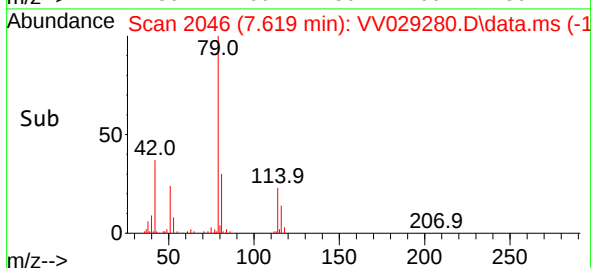
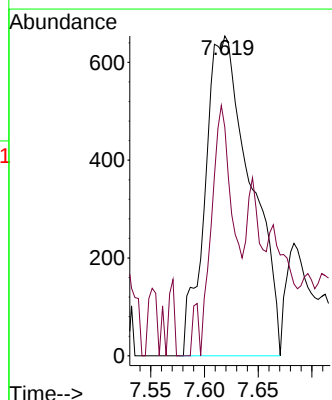
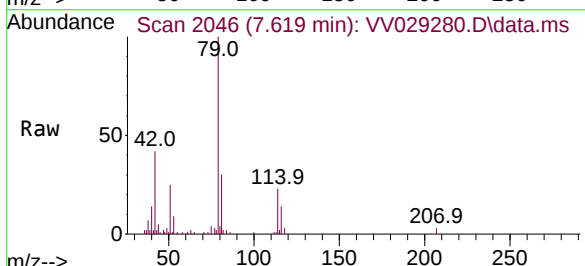
Acq: 22 Nov 2022 22:36

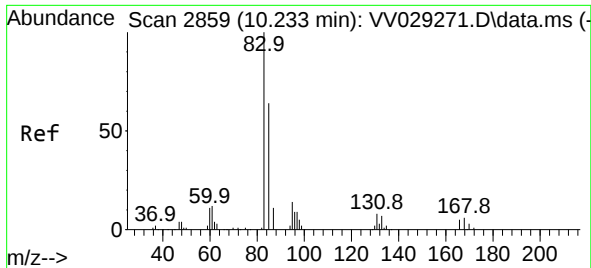
Tgt Ion: 75 Resp: 1931

Ion Ratio Lower Upper

75 100

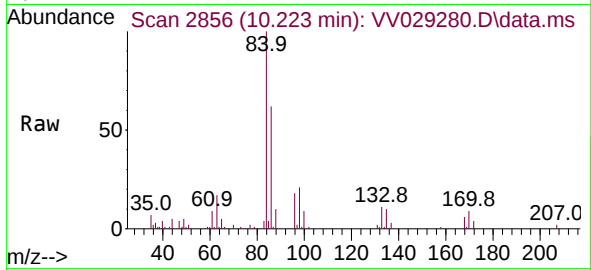
77 71.4 22.4 41.6#





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.088 ug/L
 RT: 10.223 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VV029280.D
 Acq: 22 Nov 2022 22:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	83	Resp:	1135
Ion	Ratio	Lower	Upper
83	100		
85	95.2	43.9	81.5#
131	39.2	6.9	10.3#

