

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029701.D
 Acq On : 16 Dec 2022 16:34
 Operator : SY/MD
 Sample : N6034-14DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 20:19:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	236521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	219150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111662	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49724	3.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.564	69	48580	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.101	63	71183	3.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.915	46	151234	62.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.220%
24) Chloroform-d	4.339	84	120168	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	57213	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.043	84	242326	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.063	67	78072	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.307	98	205494	3.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.616	79	24814	3.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	133517	57.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.160%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60390	5.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	87568	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%

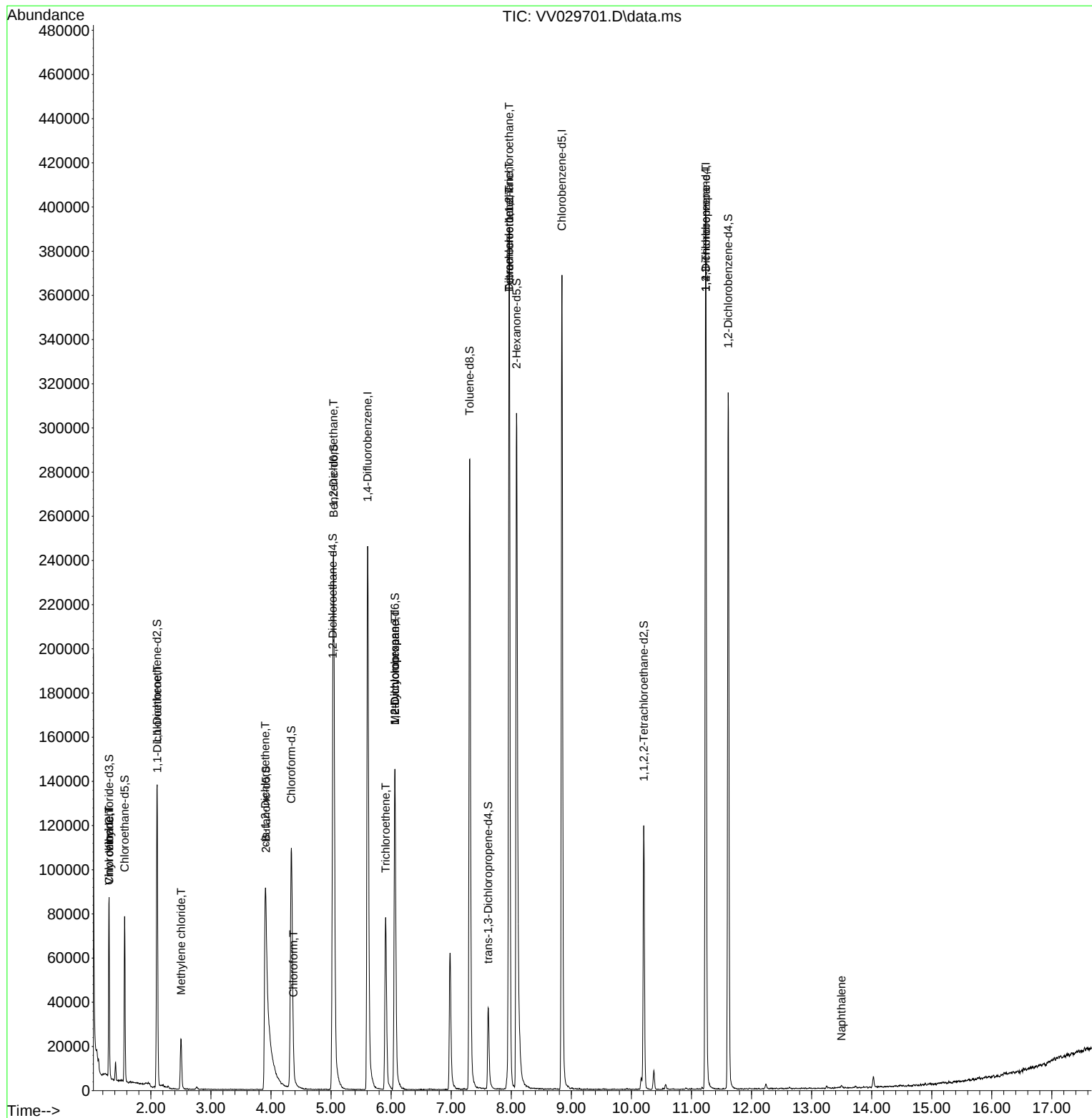
Target Compounds				Qvalue		
5) Vinyl chloride	1.307	62	2006	0.125	ug/L #	48
8) Chloroethane	1.307	64	1285	0.134	ug/L #	20
12) 1,1-Dichloroethene	2.108	96	1089	0.090	ug/L #	1
16) Methylene chloride	2.503	84	10039	0.540	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	33001	2.067	ug/L	95
25) Chloroform	4.375	83	3251	0.124	ug/L	96
27) 1,2-Dichloroethane	5.040	62	1047	0.074	ug/L #	72
34) Trichloroethene	5.908	95	29204	1.747	ug/L	97
35) Methylcyclohexane	6.063	83	18146	0.643	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7937	0.514	ug/L #	85
45) 1,1,2-Trichloroethane	7.963	97	763	0.073	ug/L #	1
47) Tetrachloroethene	7.966	164	91693	6.690	ug/L	98
49) Dibromochloromethane	7.966	129	84441	7.181	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	12273	1.585	ug/L #	65
71) Naphthalene	13.496	128	1416	0.073	ug/L #	84

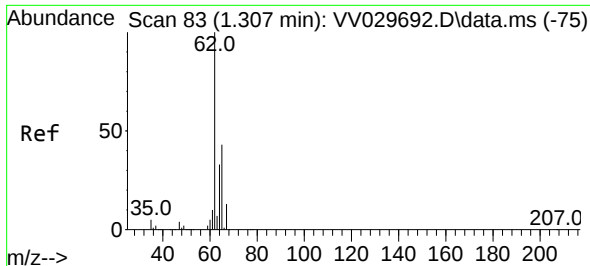
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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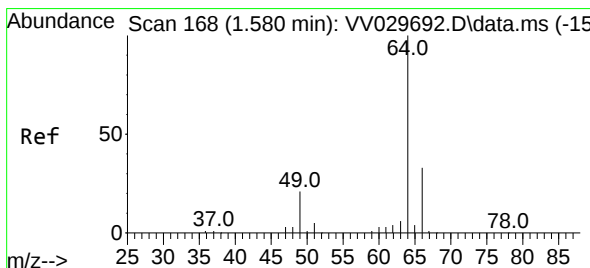
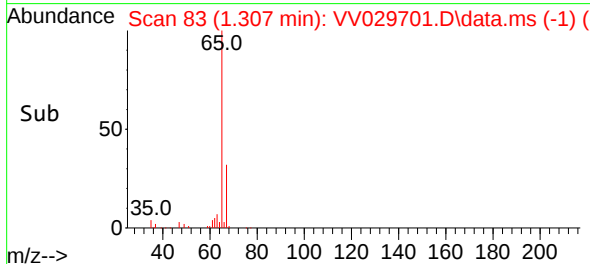
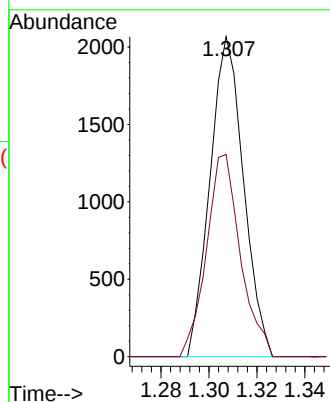
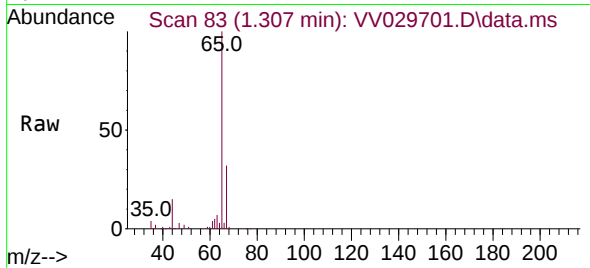




#5
 Vinyl chloride
 Concen: 0.125 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029701.D
 Acq: 16 Dec 2022 16:34

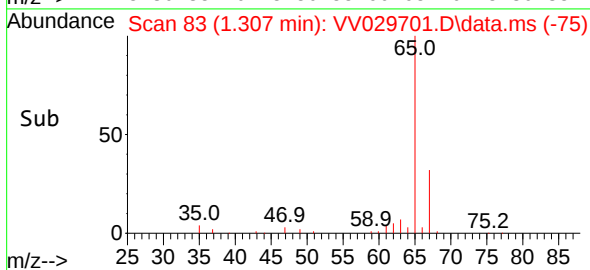
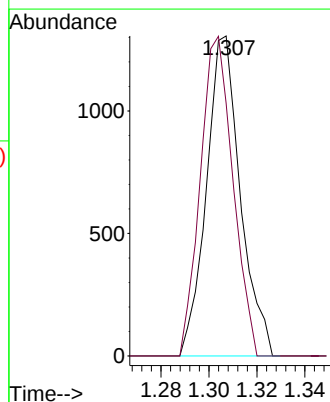
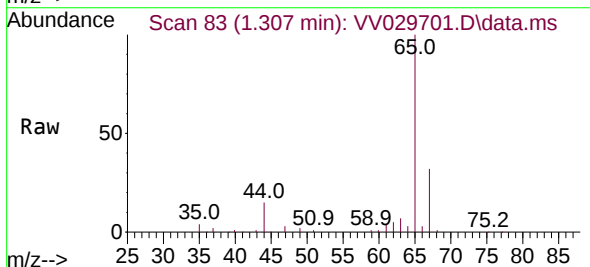
Instrument :
 MSVOA_V
 ClientSampleId :

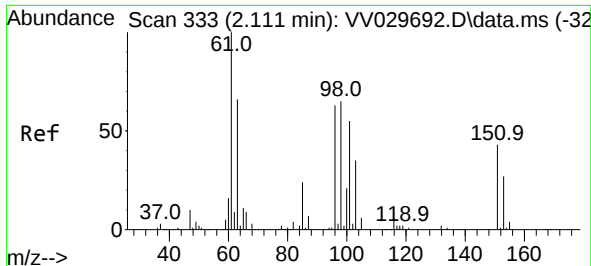
Tgt Ion: 62 Resp: 2006
 Ion Ratio Lower Upper
 62 100
 64 63.2 23.4 43.4#



#8
 Chloroethane
 Concen: 0.134 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.273 min
 Lab File: VV029701.D
 Acq: 16 Dec 2022 16:34

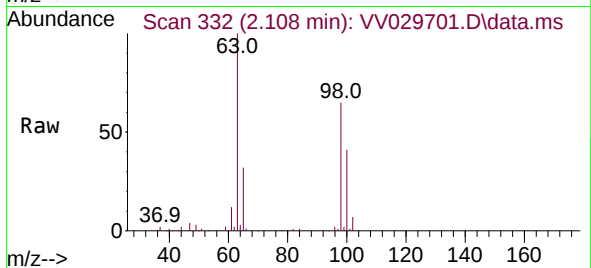
Tgt Ion: 64 Resp: 1285
 Ion Ratio Lower Upper
 64 100
 66 79.0 23.5 43.7#



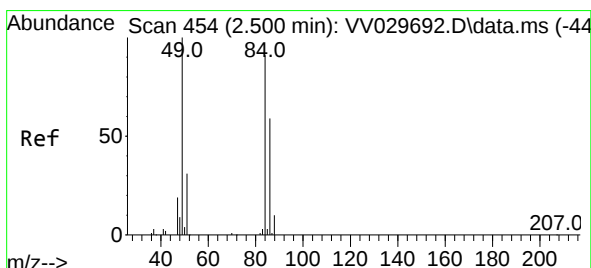
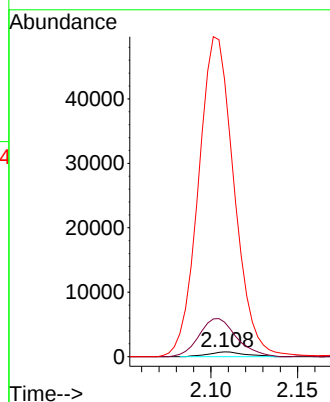
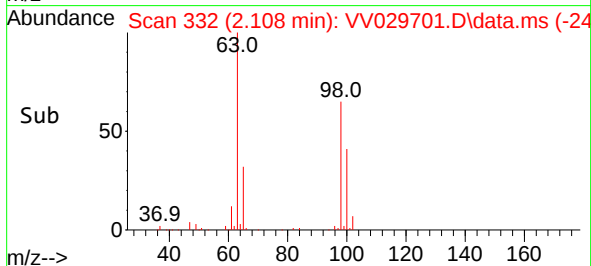


#12
1,1-Dichloroethene
Concen: 0.090 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029701.D
Acq: 16 Dec 2022 16:34

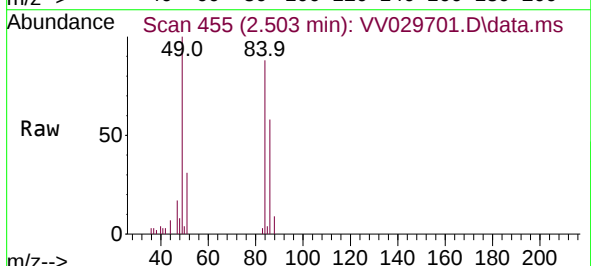
Instrument :
MSVOA_V
ClientSampleId :



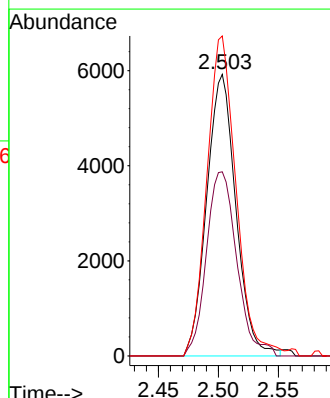
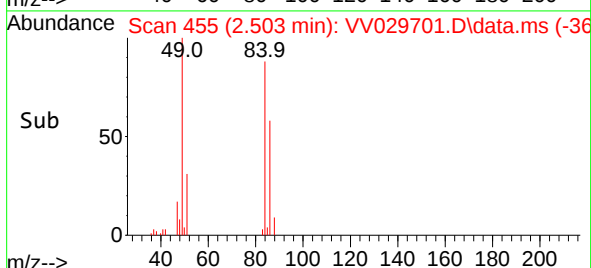
Tgt Ion: 96 Resp: 1089
Ion Ratio Lower Upper
96 100
61 712.2 110.3 204.9#
63 5710.3 84.4 156.8#

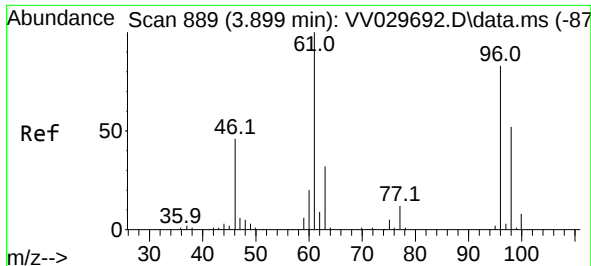


#16
Methylene chloride
Concen: 0.540 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029701.D
Acq: 16 Dec 2022 16:34



Tgt Ion: 84 Resp: 10039
Ion Ratio Lower Upper
84 100
86 65.4 45.6 84.6
49 113.6 77.8 144.4





#22

cis-1,2-Dichloroethene

Concen: 2.067 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

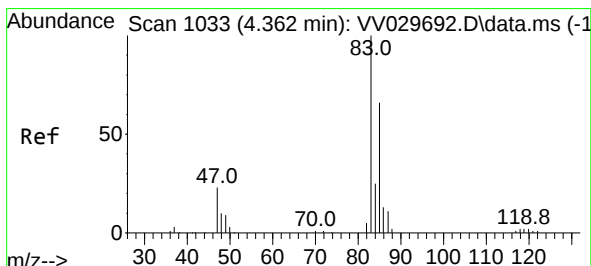
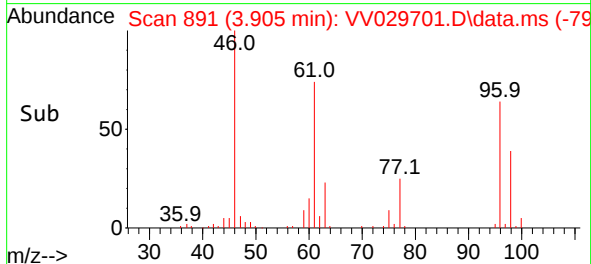
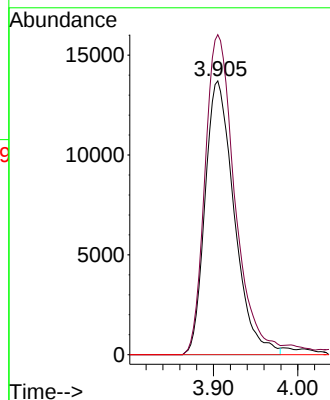
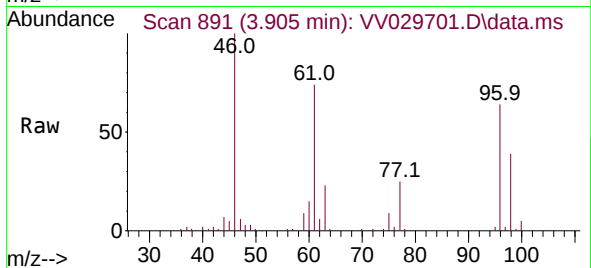
Tgt Ion: 96 Resp: 33001

Ion Ratio Lower Upper

96 100

61 116.9 85.8 159.3

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.124 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.013 min

Lab File: VV029701.D

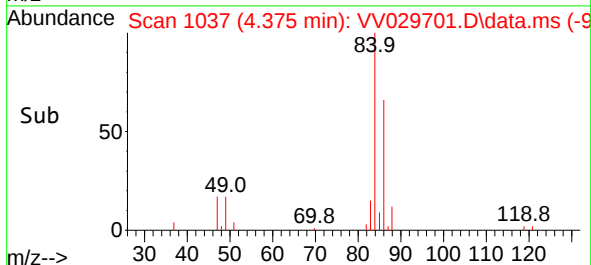
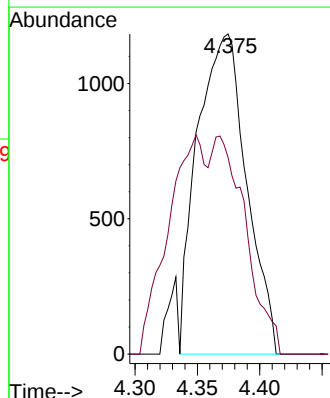
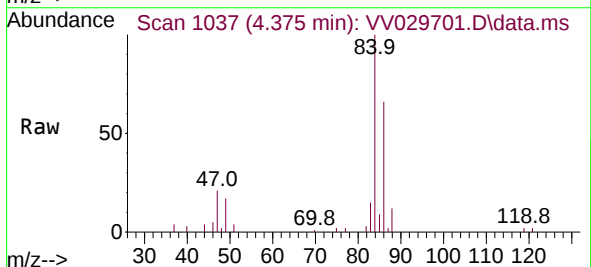
Acq: 16 Dec 2022 16:34

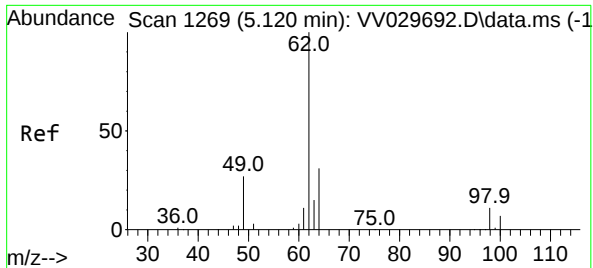
Tgt Ion: 83 Resp: 3251

Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.4





#27

1,2-Dichloroethane

Concen: 0.074 ug/L

RT: 5.040 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

Instrument :

MSVOA_V

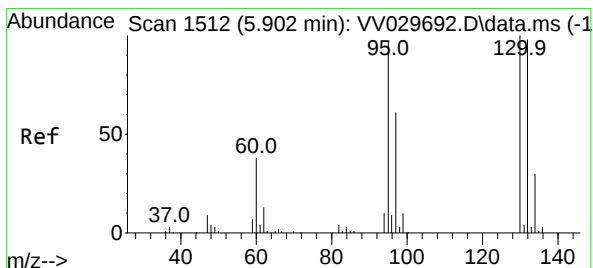
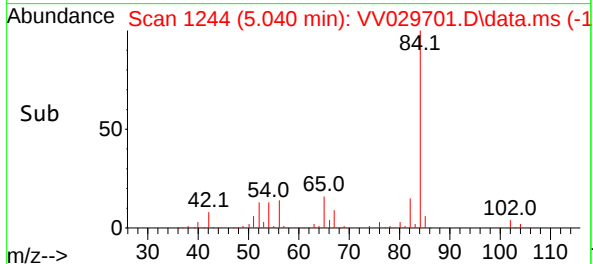
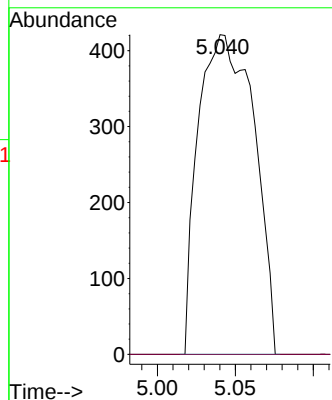
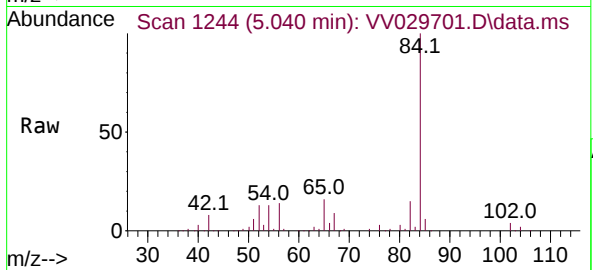
ClientSampleId :

Tgt Ion: 62 Resp: 1047

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#34

Trichloroethene

Concen: 1.747 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.007 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

Tgt Ion: 95 Resp: 29204

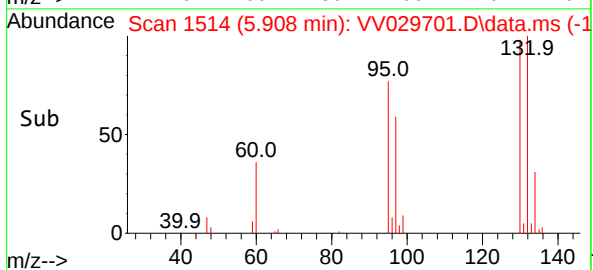
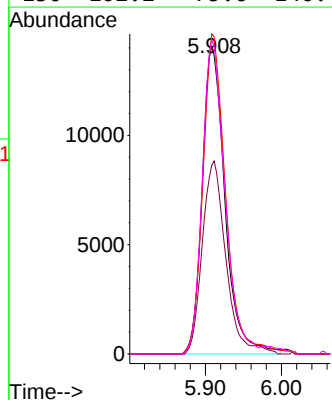
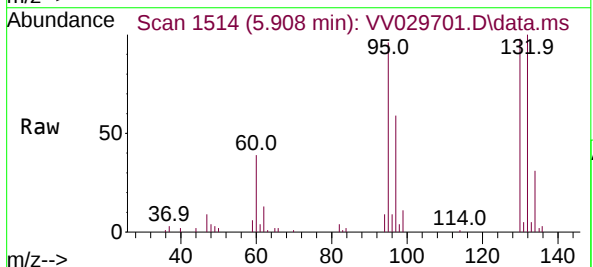
Ion Ratio Lower Upper

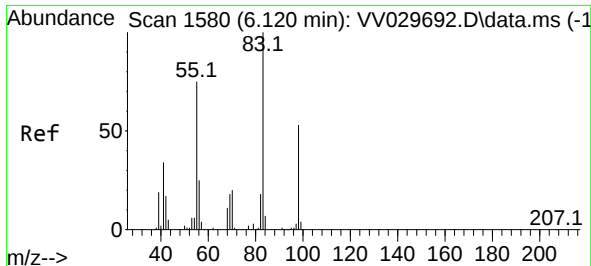
95 100

97 61.4 45.4 84.4

132 104.2 73.3 136.1

130 102.2 75.6 140.4





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029701.D

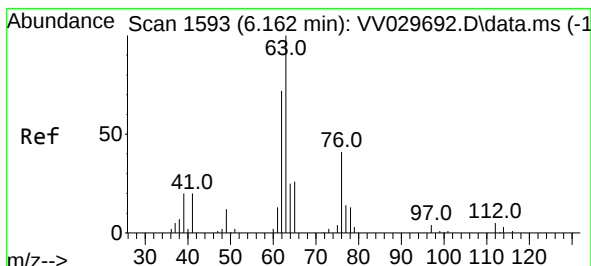
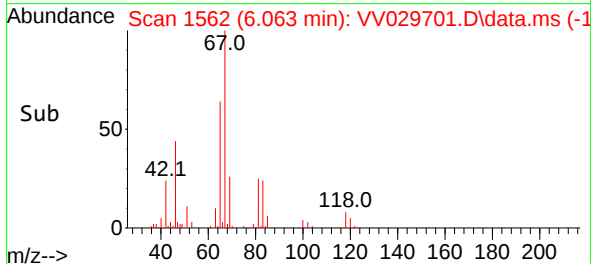
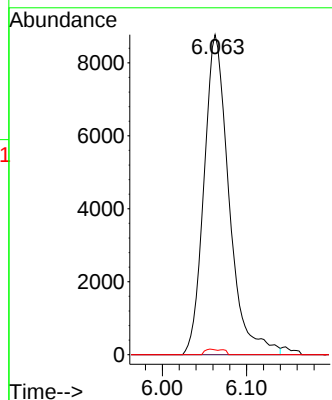
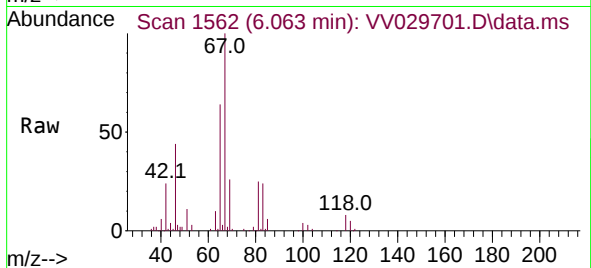
Acq: 16 Dec 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	18146
Ion Ratio	Lower	Upper	
83	100		
55	0.0	55.4	83.2#
98	0.8	39.4	59.2#



#37

1,2-Dichloropropane

Concen: 0.514 ug/L

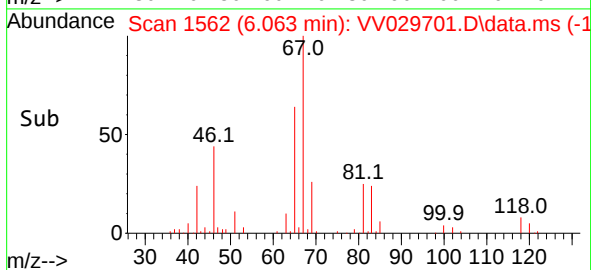
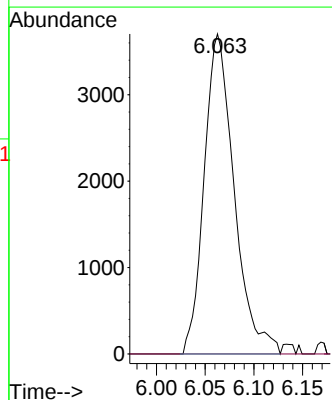
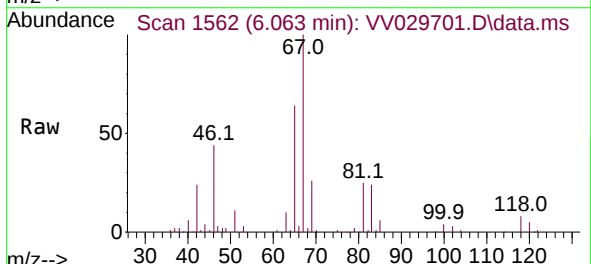
RT: 6.063 min Scan# 1562

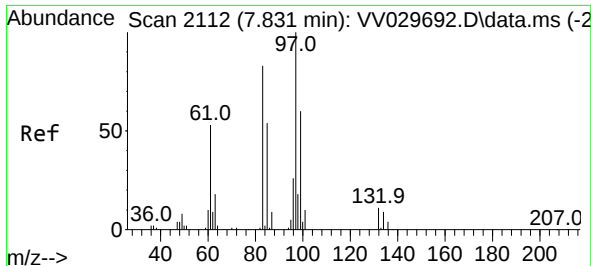
Delta R.T. -0.100 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

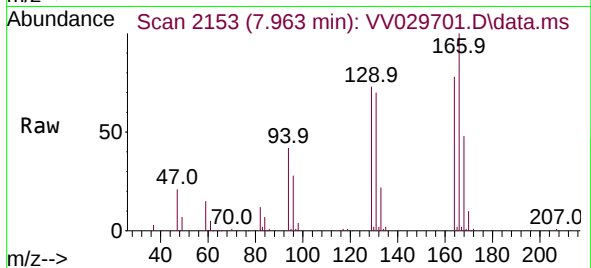
Tgt Ion:	63	Resp:	7937
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.1	6.1#



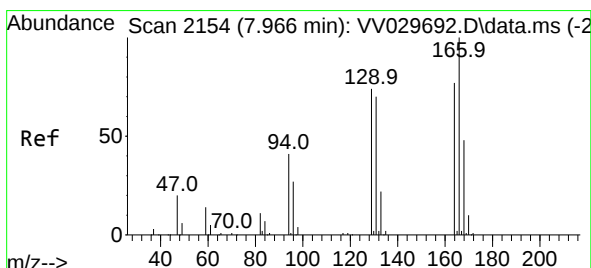
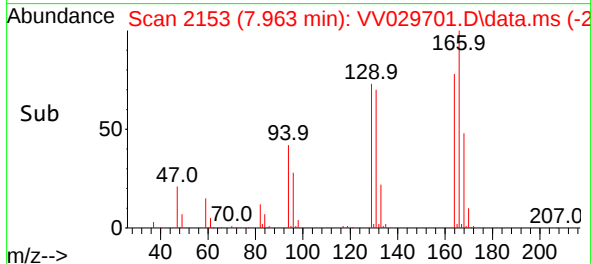
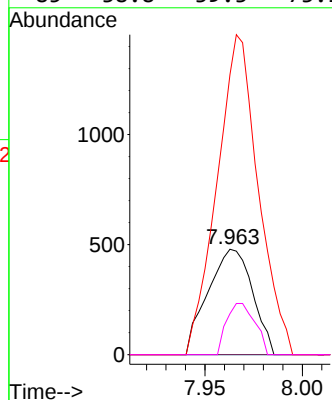


#45
1,1,2-Trichloroethane
Concen: 0.073 ug/L
RT: 7.963 min Scan# 2112
Delta R.T. 0.132 min
Lab File: VV029701.D
Acq: 16 Dec 2022 16:34

Instrument :
MSVOA_V
ClientSampleId :

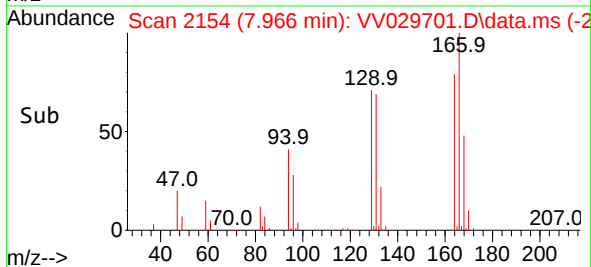
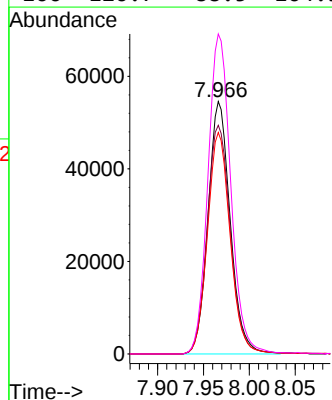
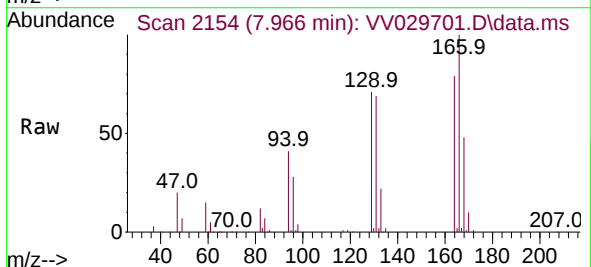


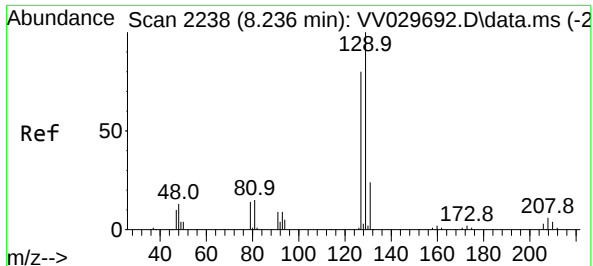
Tgt Ion: 97	Resp: 763
Ion Ratio	Lower Upper
97	100
99	0.0 44.4 82.5#
83	265.6 59.5 110.5#
85	38.8 39.3 73.1#



#47
Tetrachloroethene
Concen: 6.690 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029701.D
Acq: 16 Dec 2022 16:34

Tgt Ion: 164	Resp: 91693
Ion Ratio	Lower Upper
164	100
129	90.5 61.7 114.7
131	87.7 62.9 116.9
166	126.7 88.5 164.3





#49

Dibromochloromethane

Concen: 7.181 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.270 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

Instrument :

MSVOA_V

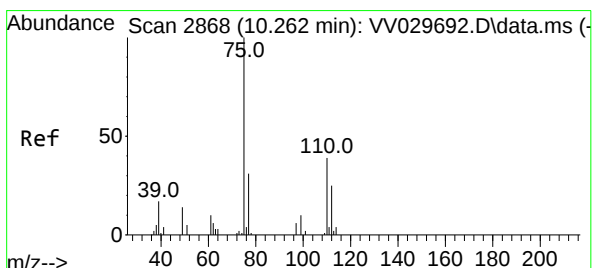
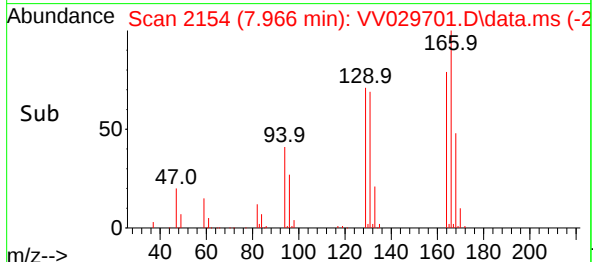
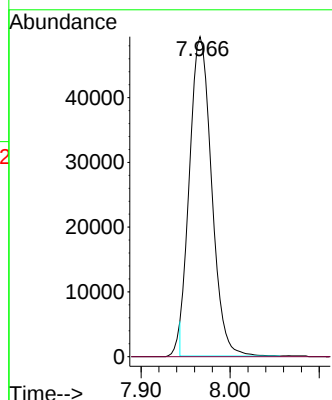
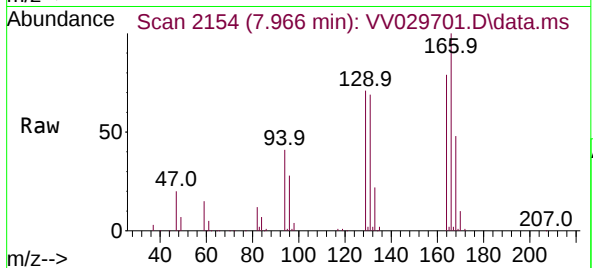
ClientSampleId :

Tgt Ion:129 Resp: 84441

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.585 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.978 min

Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

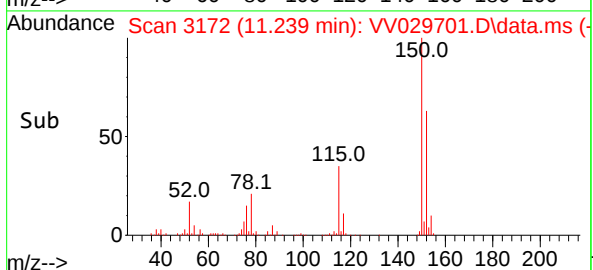
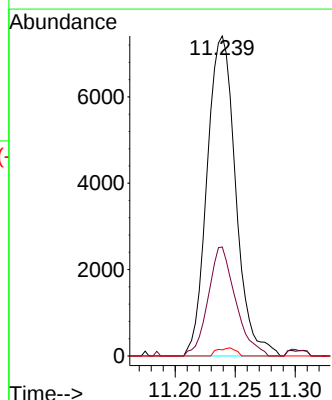
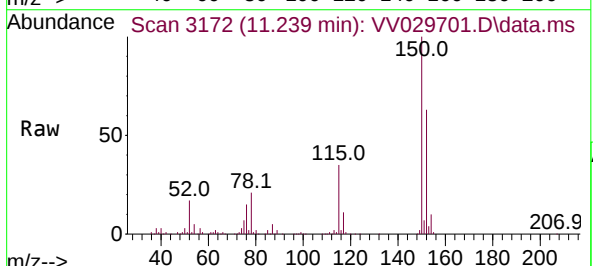
Tgt Ion: 75 Resp: 12273

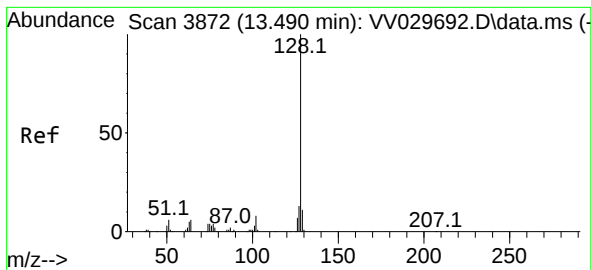
Ion Ratio Lower Upper

75 100

77 32.7 26.7 40.1

110 1.6 32.2 48.4#





#71

Naphthalene

Concen: 0.073 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.007 min

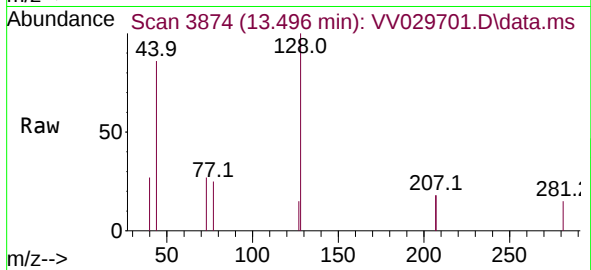
Lab File: VV029701.D

Acq: 16 Dec 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1416

Ion Ratio Lower Upper

128 100

129 3.0 8.9 13.3#

127 8.9 10.6 15.8#

