

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027936.D
 Acq On : 19 Sep 2022 19:49
 Operator : SY/MD
 Sample : VV0919WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:54:53 2022
 Response via : Initial Calibration

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

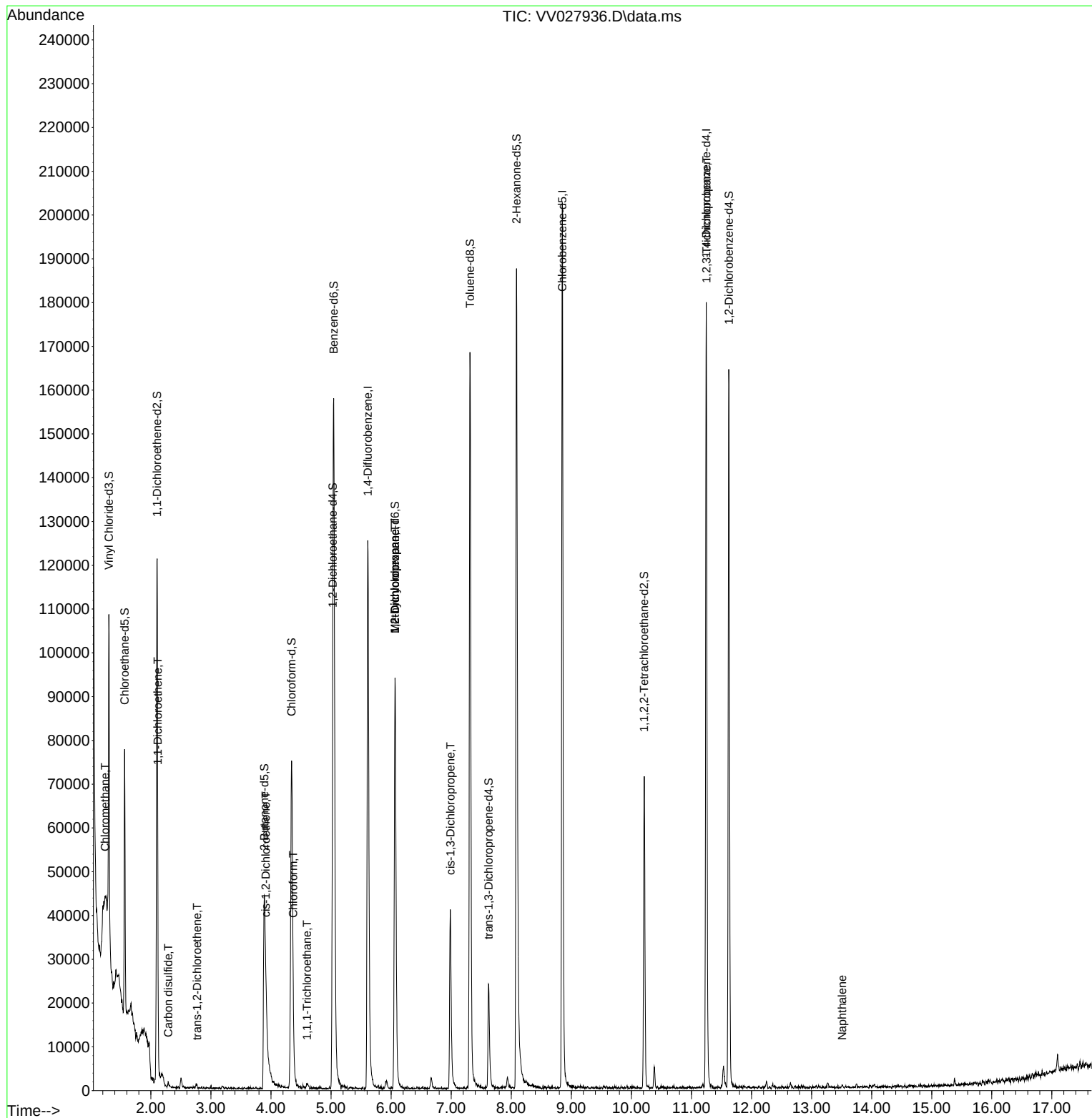
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	118336	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	49491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47838	5.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.564	69	40901	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.101	63	59936	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.889	46	83229	56.372	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.740%
24) Chloroform-d	4.342	84	78662	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.027	65	34756	5.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.043	84	147342	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.066	67	49700	5.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.313	98	118494	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.622	79	15375	5.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.088	63	71783	54.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34650	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	45277	5.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	384	0.038	ug/L #	76
12) 1,1-Dichloroethene	2.114	96	2876	0.335	ug/L #	1
14) Carbon disulfide	2.291	76	1005	0.059	ug/L #	71
18) trans-1,2-Dichloroethene	2.770	96	457	0.058	ug/L	80
22) cis-1,2-Dichloroethene	3.912	96	786	0.089	ug/L	92
25) Chloroform	4.368	83	2305	0.140	ug/L	82
29) 1,1,1-Trichloroethane	4.600	97	654	0.051	ug/L	92
35) Methylcyclohexane	6.066	83	11740	1.058	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	4991	0.596	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1262	0.119	ug/L #	79
61) 1,2,3-Trichloropropane	11.249	75	5620	1.550	ug/L #	67
71) Naphthalene	13.509	128	759	0.054	ug/L #	70

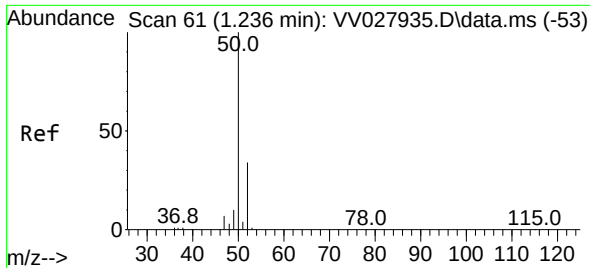
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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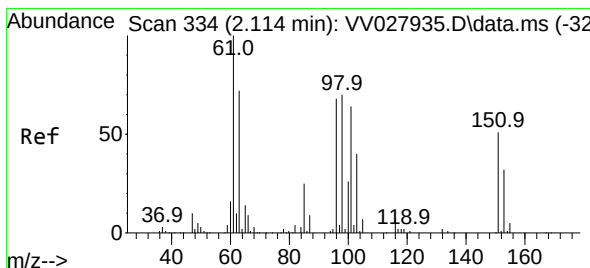
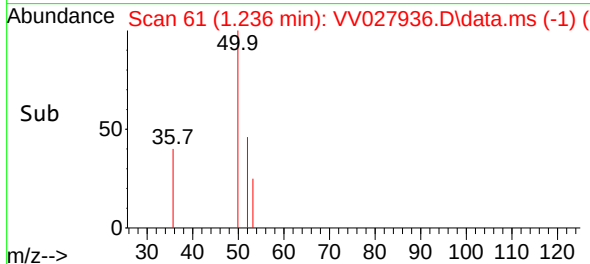
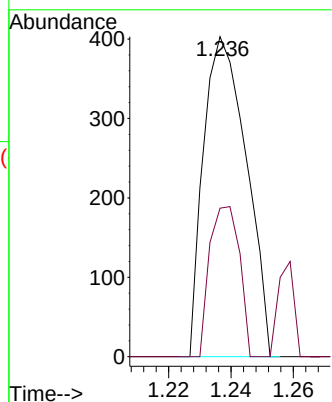
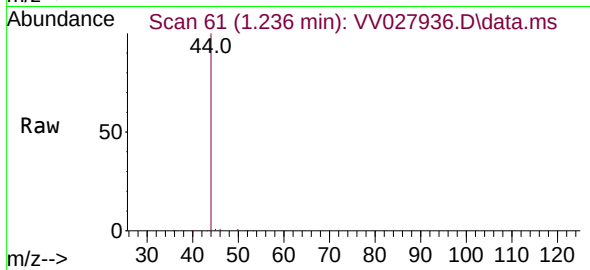




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

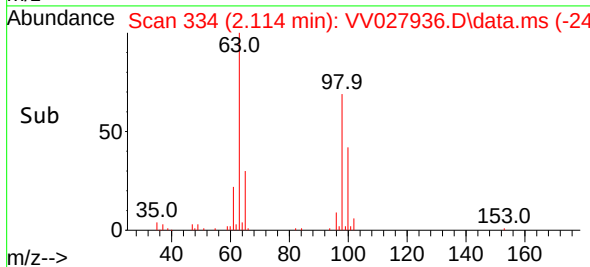
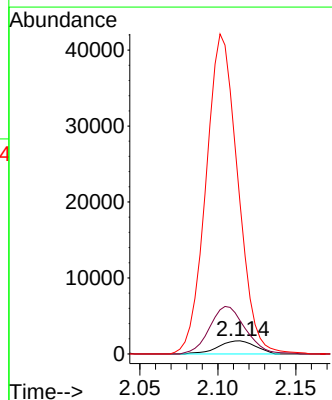
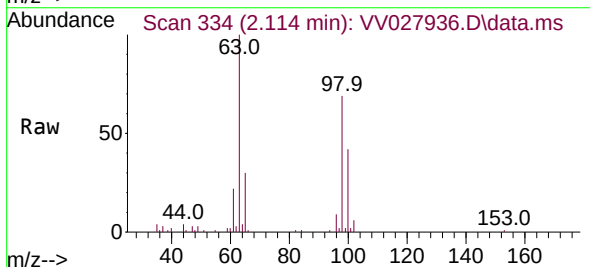
Instrument :
MSVOA_V
ClientSampleId :

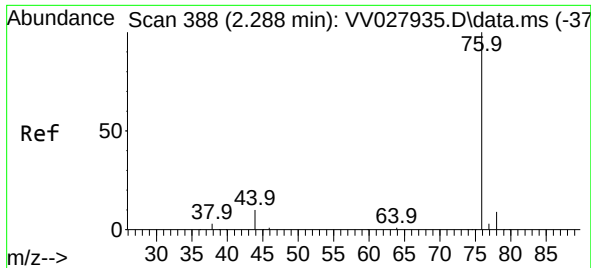
Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 46.4 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.335 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

Tgt Ion: 96 Resp: 2876
Ion Ratio Lower Upper
96 100
61 252.7 106.2 197.2#
63 1143.1 85.0 158.0#





#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027936.D

Acq: 19 Sep 2022 19:49

Instrument :

MSVOA_V

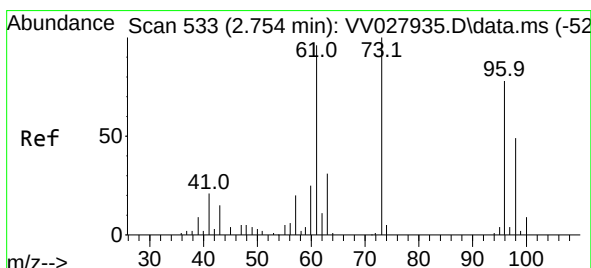
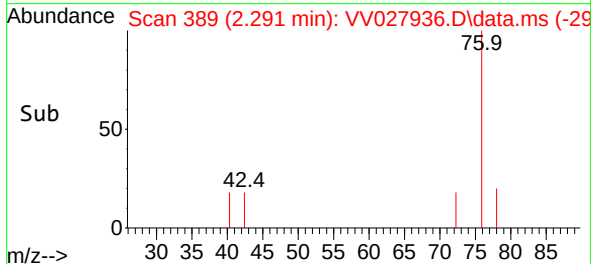
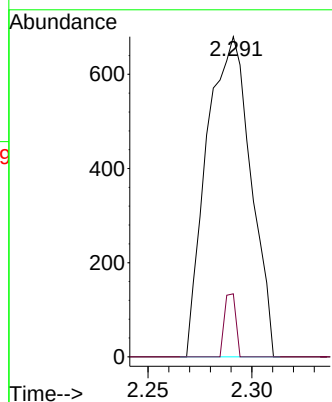
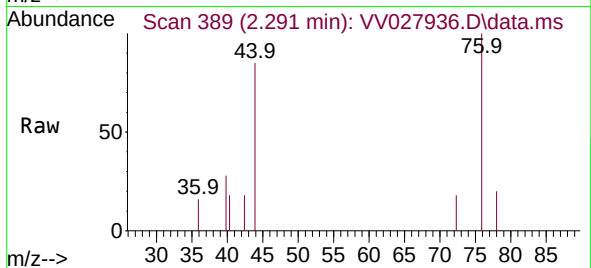
ClientSampleId :

Tgt Ion: 76 Resp: 1005

Ion Ratio Lower Upper

76 100

78 19.7 7.3 10.9#



#18

trans-1,2-Dichloroethene

Concen: 0.058 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.016 min

Lab File: VV027936.D

Acq: 19 Sep 2022 19:49

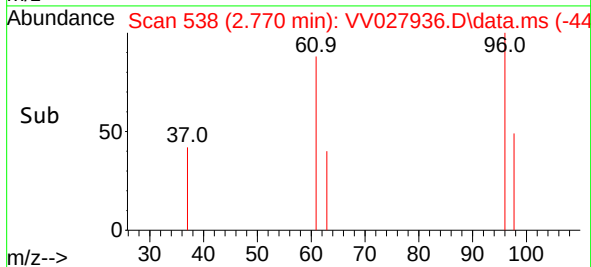
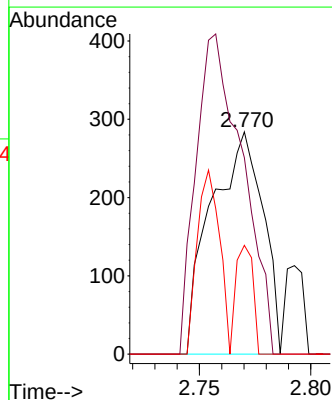
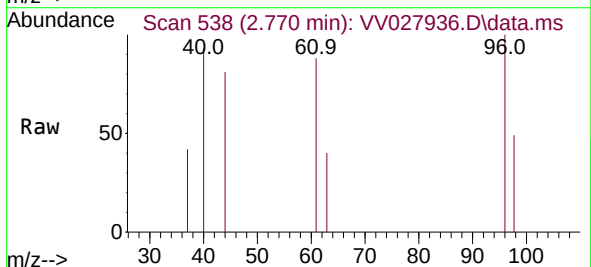
Tgt Ion: 96 Resp: 457

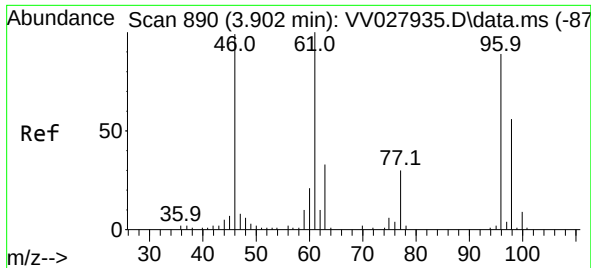
Ion Ratio Lower Upper

96 100

61 88.4 78.3 145.5

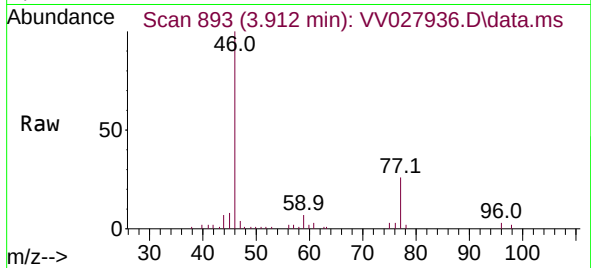
98 48.9 42.4 78.6



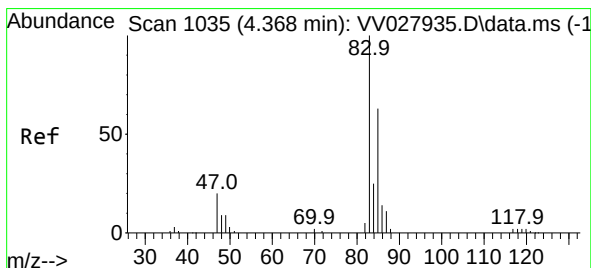
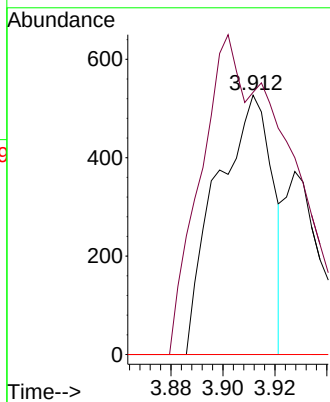
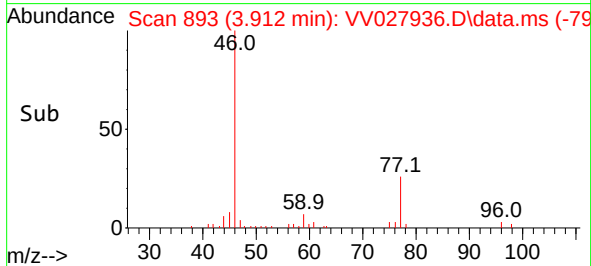


#22
cis-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 3.912 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :

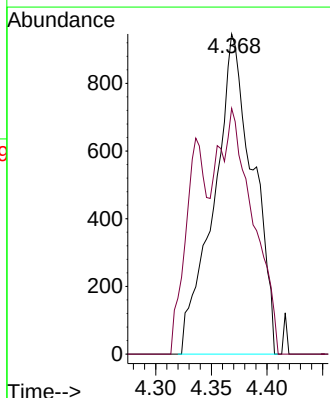
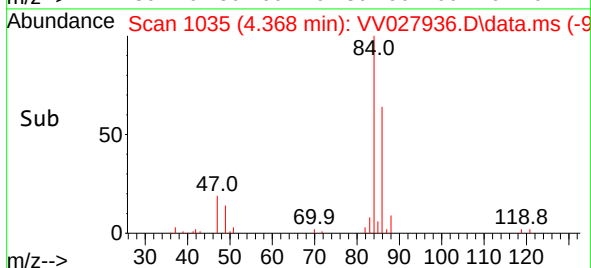
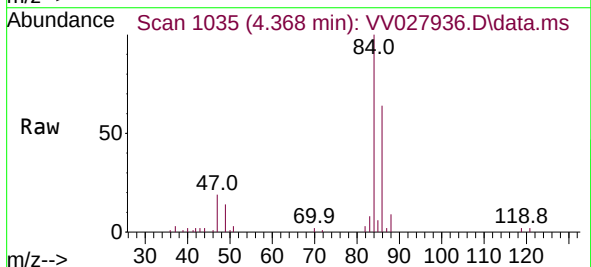


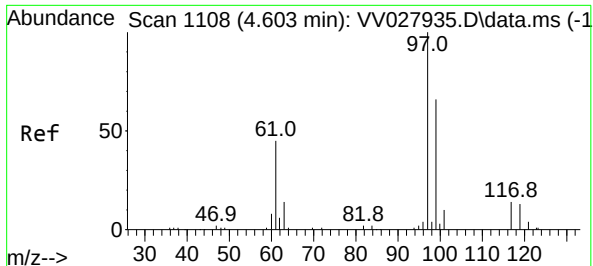
Tgt Ion: 96 Resp: 786
Ion Ratio Lower Upper
96 100
61 101.1 76.6 142.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.140 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

Tgt Ion: 83 Resp: 2305
Ion Ratio Lower Upper
83 100
85 76.7 44.0 81.8





#29

1,1,1-Trichloroethane

Concen: 0.051 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027936.D

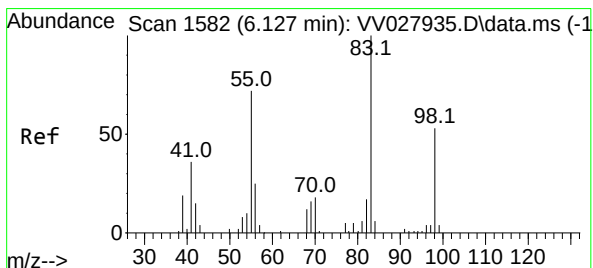
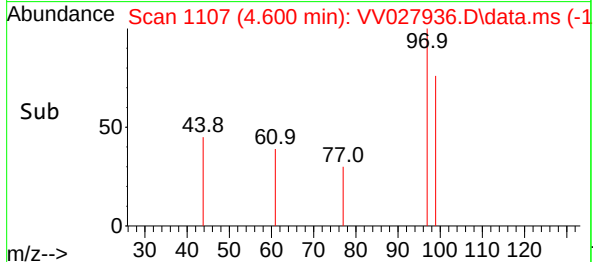
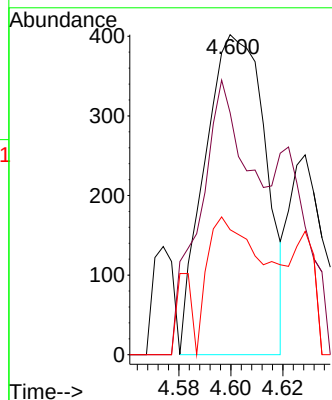
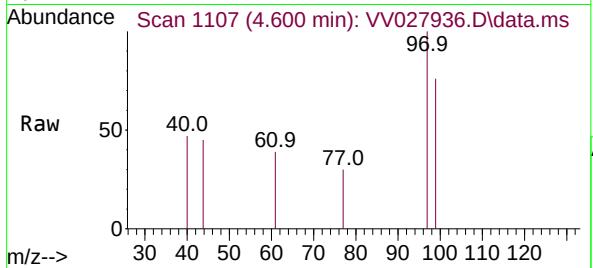
Acq: 19 Sep 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	654
Ion	Ratio	Lower	Upper
97	100		
99	72.8	51.3	76.9
61	39.9	33.6	50.4



#35

Methylcyclohexane

Concen: 1.058 ug/L

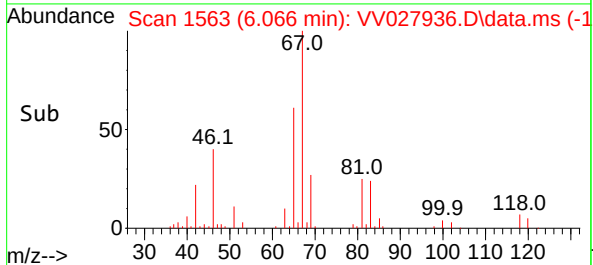
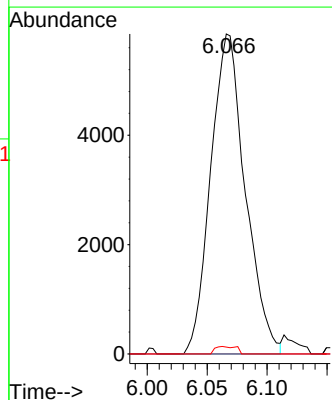
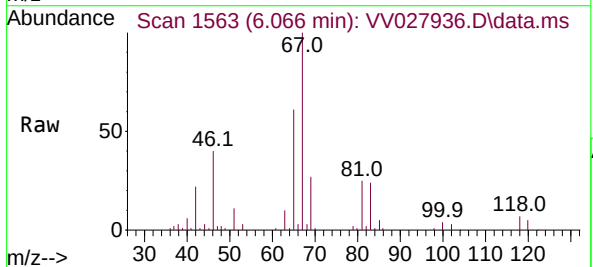
RT: 6.066 min Scan# 1563

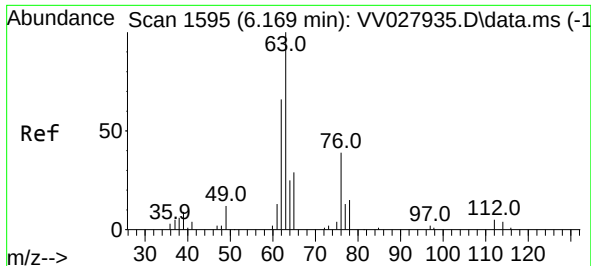
Delta R.T. -0.061 min

Lab File: VV027936.D

Acq: 19 Sep 2022 19:49

Tgt Ion:	83	Resp:	11740
Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.5	81.7#
98	1.4	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV027936.D

Acq: 19 Sep 2022 19:49

Instrument :

MSVOA_V

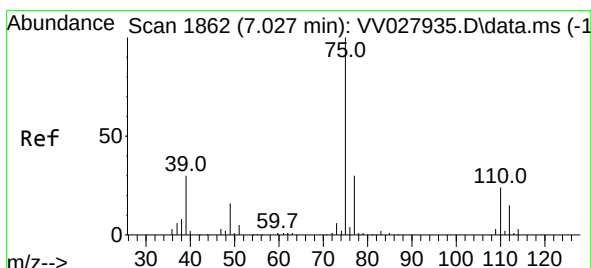
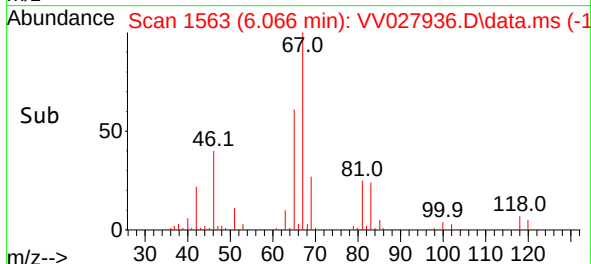
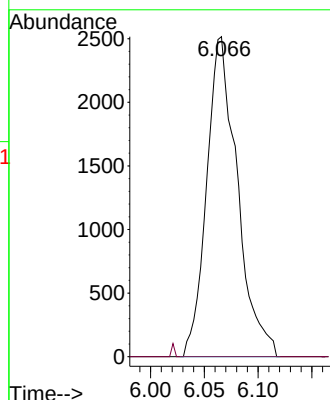
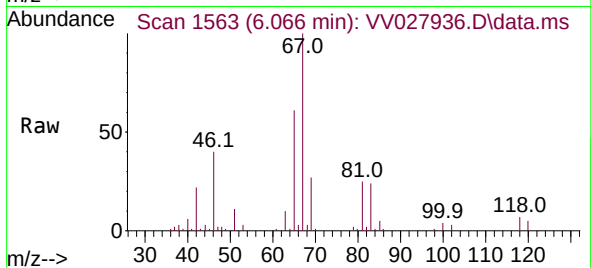
ClientSampleId :

Tgt Ion: 63 Resp: 4991

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV027936.D

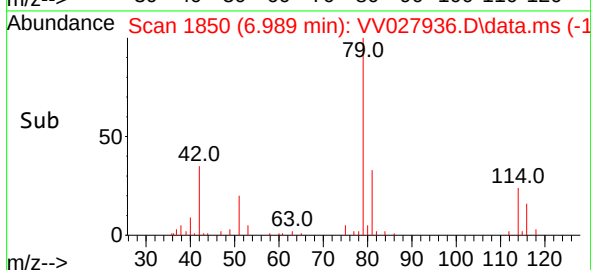
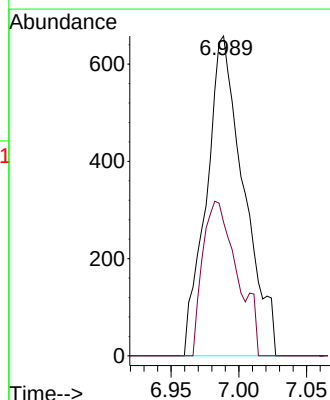
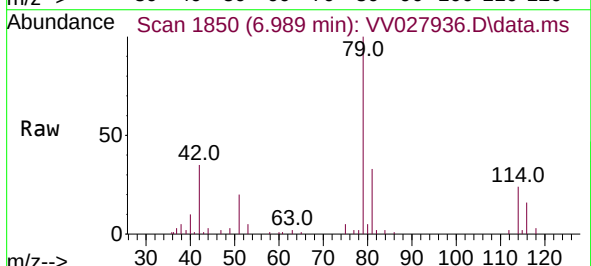
Acq: 19 Sep 2022 19:49

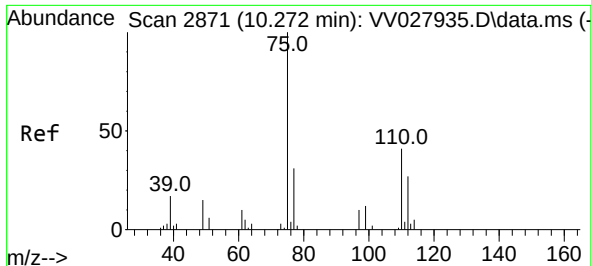
Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 41.8 21.1 39.3#

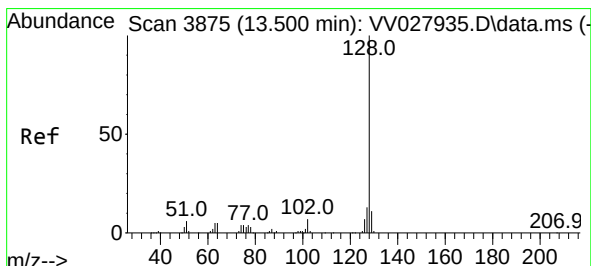
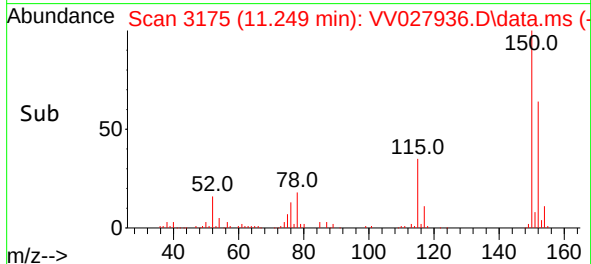
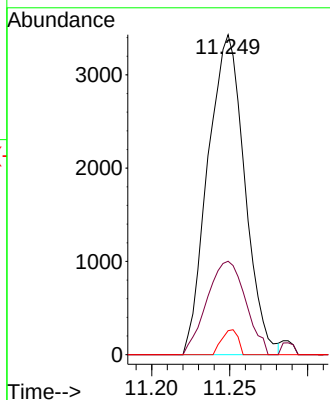
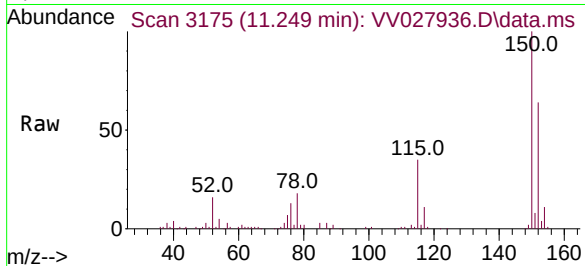




#61
1,2,3-Trichloropropane
Concen: 1.550 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5620
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
110 3.5 31.3 46.9#



#71
Naphthalene
Concen: 0.054 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027936.D
Acq: 19 Sep 2022 19:49

Tgt Ion: 128 Resp: 759
Ion Ratio Lower Upper
128 100
129 0.0 8.2 12.2#
127 0.0 10.2 15.2#

