

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027377.D
 Acq On : 13 Aug 2022 18:50
 Operator : SY/MD
 Sample : N4133-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

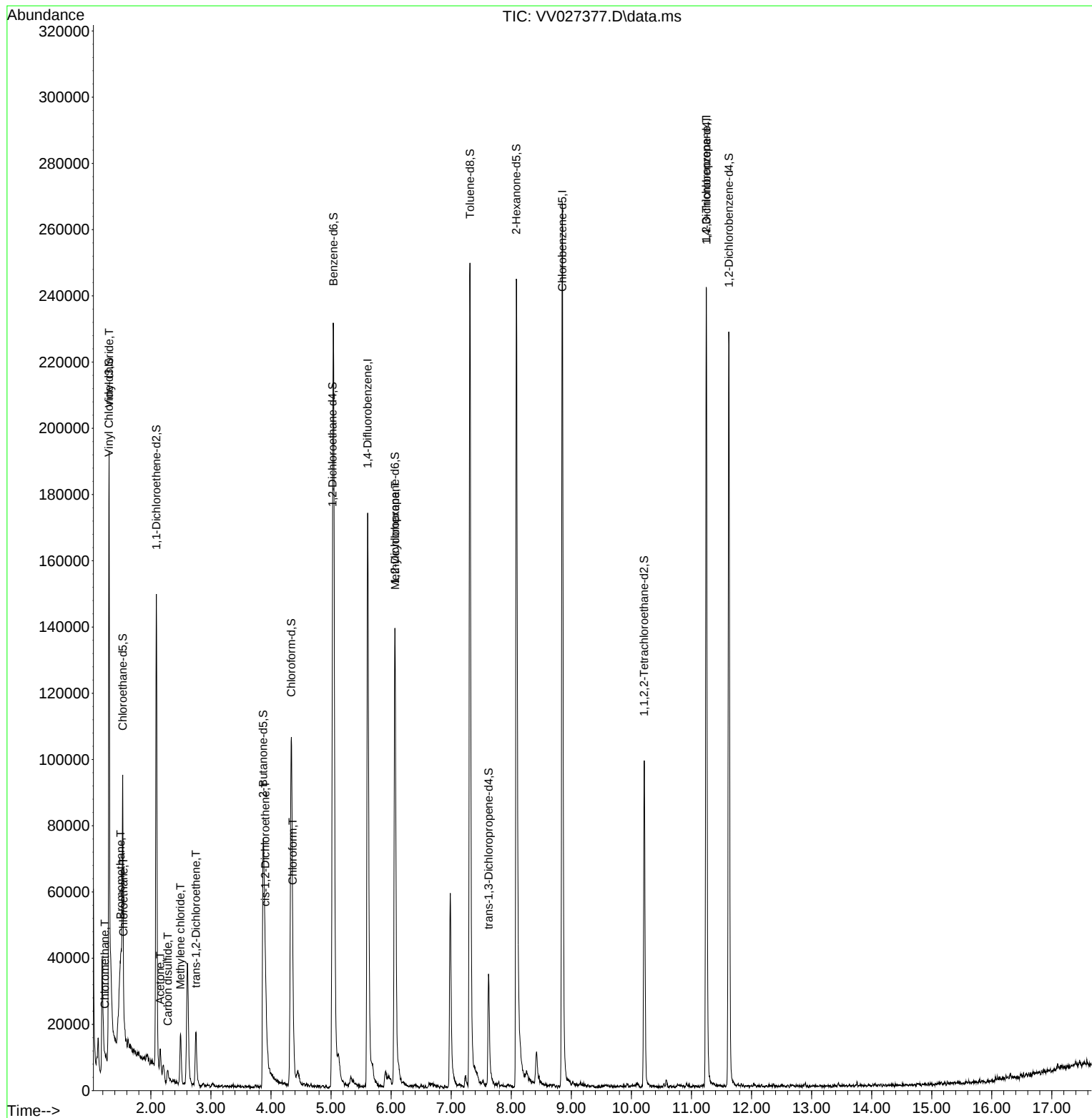
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	140878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57598	4.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.532	69	36460	4.102	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.092	63	76648	3.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.870	46	118790	57.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.620%
24) Chloroform-d	4.336	84	106928	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.024	65	54926	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.040	84	203705	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.063	67	68943	5.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.313	98	169329	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	21376	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.085	63	81802	45.400	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46027	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	58603	5.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	1160	0.069	ug/L	91
5) Vinyl chloride	1.304	62	88037	5.636	ug/L	98
6) Bromomethane	1.494	94	757	0.104	ug/L	92
8) Chloroethane	1.545	64	753	0.087	ug/L #	53
13) Acetone	2.156	43	7444	4.860	ug/L	100
14) Carbon disulfide	2.281	76	3402	0.084	ug/L #	82
16) Methylene chloride	2.494	84	5796	0.356	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	6103	0.489	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	4283	0.349	ug/L	94
25) Chloroform	4.362	83	4052	0.165	ug/L	92
35) Methylcyclohexane	6.066	83	16971	0.983	ug/L #	16
61) 1,2,3-Trichloropropane	11.246	75	7527	1.243	ug/L #	67

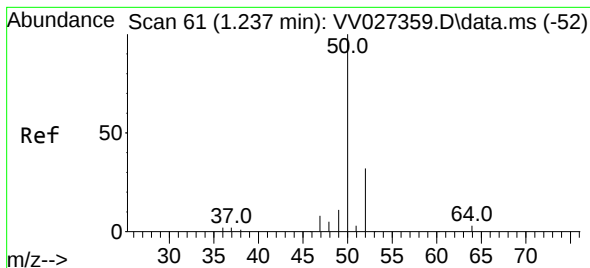
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.069 ug/L

RT: 1.233 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV027377.D

Acq: 13 Aug 2022 18:50

Instrument :

MSVOA_V

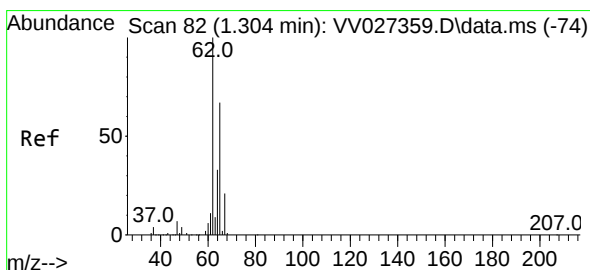
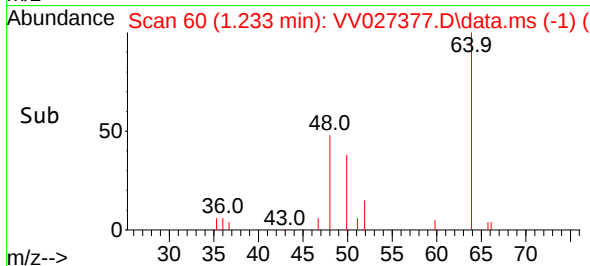
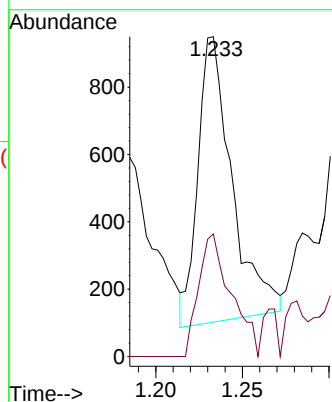
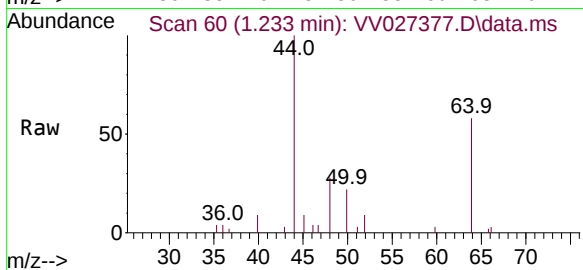
ClientSampleId :

Tgt Ion: 50 Resp: 1160

Ion Ratio Lower Upper

50 100

52 38.3 23.4 43.4



#5

Vinyl chloride

Concen: 5.636 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV027377.D

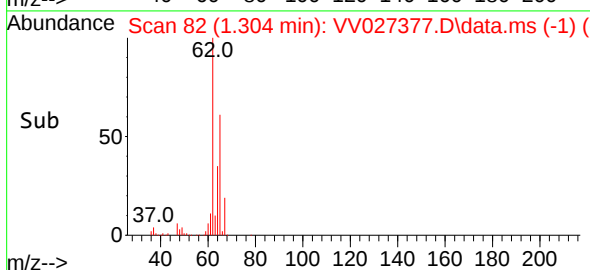
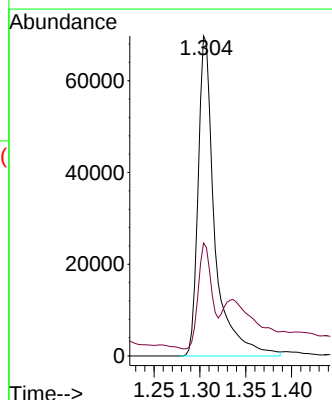
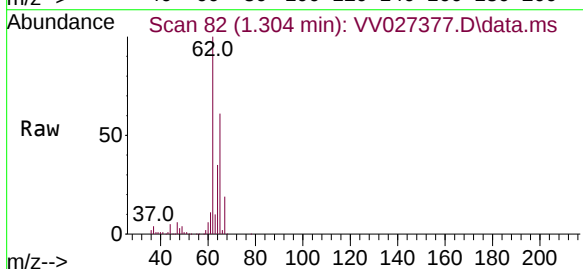
Acq: 13 Aug 2022 18:50

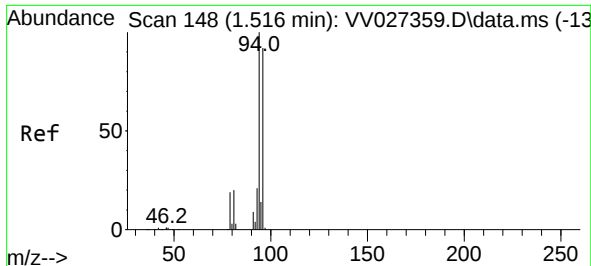
Tgt Ion: 62 Resp: 88037

Ion Ratio Lower Upper

62 100

64 35.3 23.7 44.1

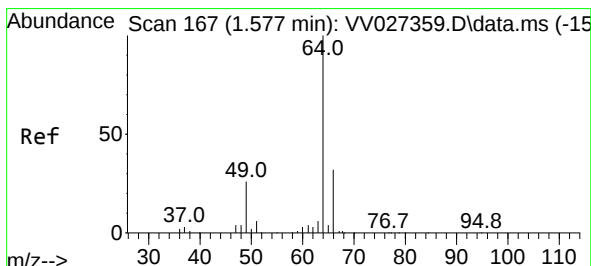
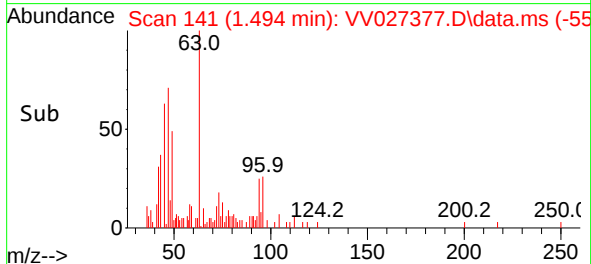
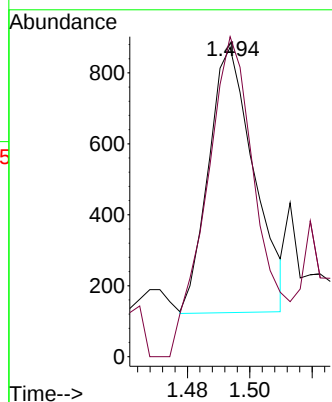
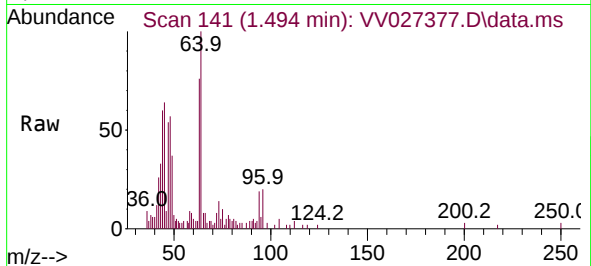




#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.494 min Scan# 148
Delta R.T. -0.023 min
Lab File: VV027377.D
Acq: 13 Aug 2022 18:50

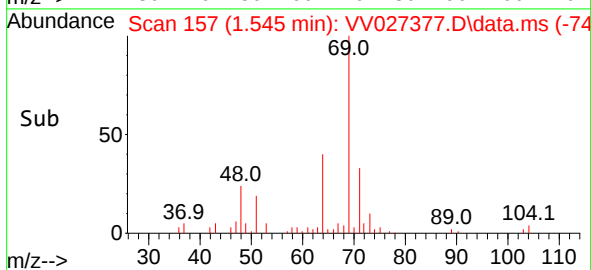
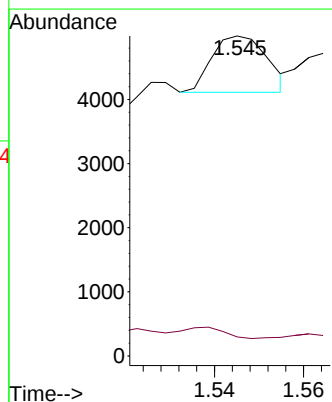
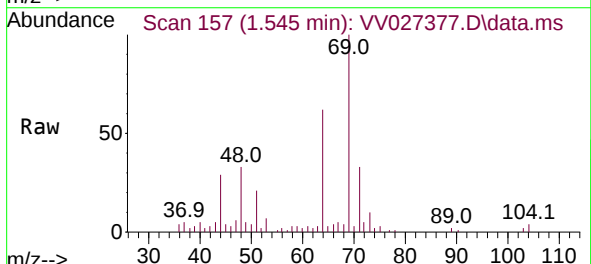
Instrument :
MSVOA_V
ClientSampleId :

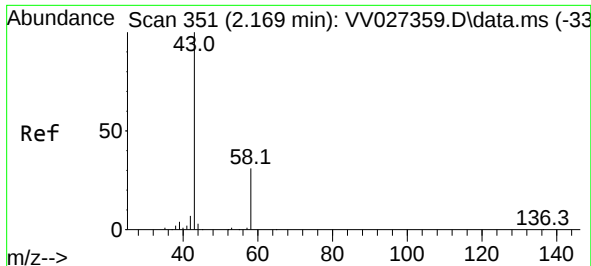
Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 103.4 67.2 124.8



#8
Chloroethane
Concen: 0.087 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.032 min
Lab File: VV027377.D
Acq: 13 Aug 2022 18:50

Tgt Ion: 64 Resp: 753
Ion Ratio Lower Upper
64 100
66 6.0 22.3 41.5#





#13

Acetone

Concen: 4.860 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV027377.D

Acq: 13 Aug 2022 18:50

Instrument :

MSVOA_V

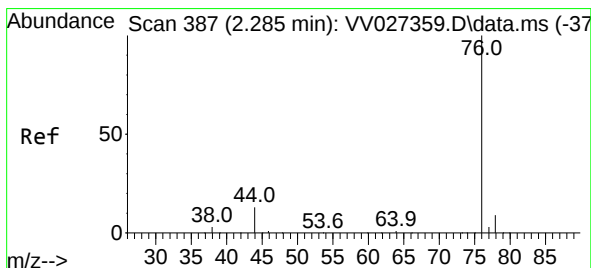
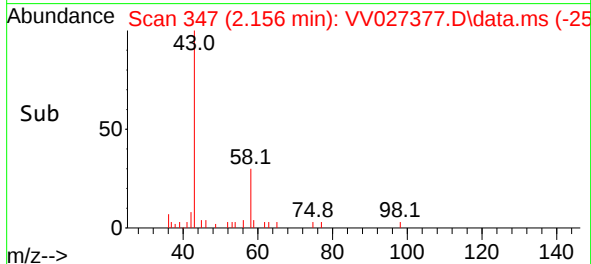
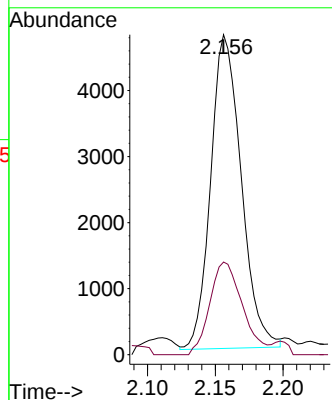
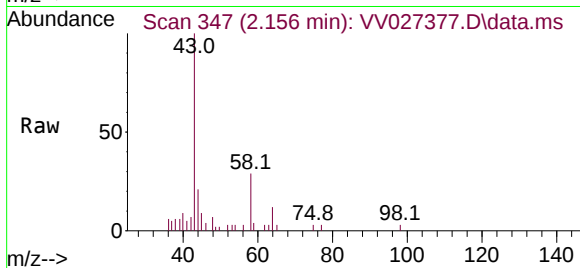
ClientSampleId :

Tgt Ion: 43 Resp: 7444

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.2



#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.003 min

Lab File: VV027377.D

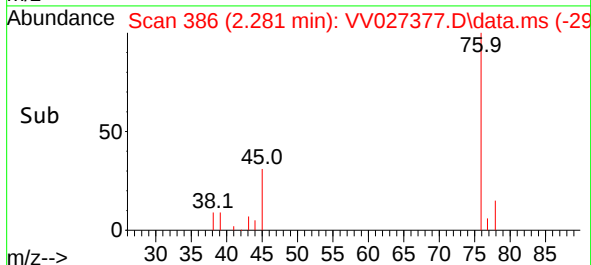
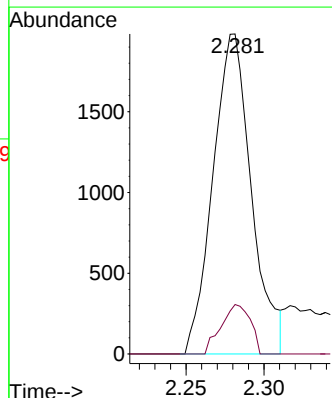
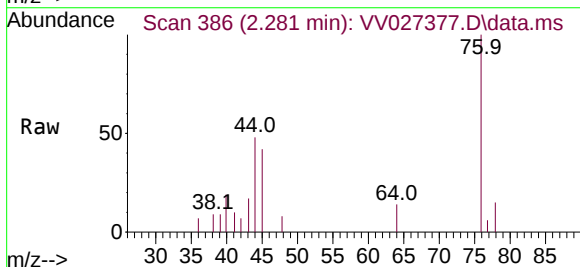
Acq: 13 Aug 2022 18:50

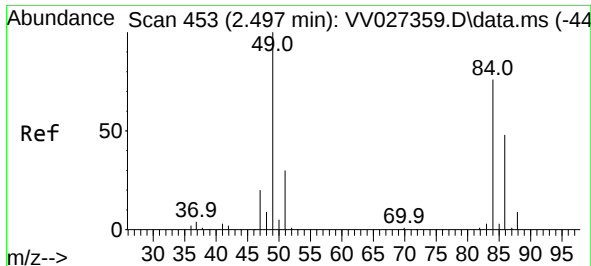
Tgt Ion: 76 Resp: 3402

Ion Ratio Lower Upper

76 100

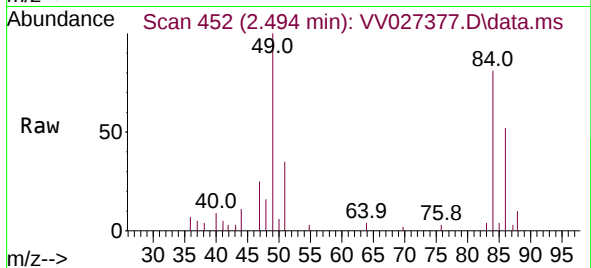
78 15.4 7.2 10.8#



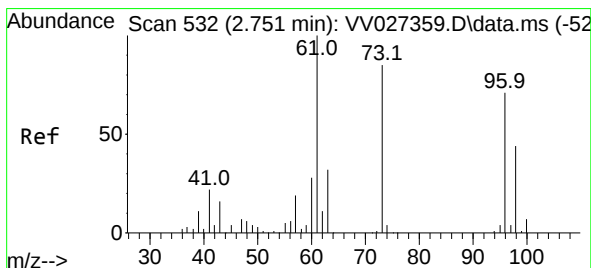
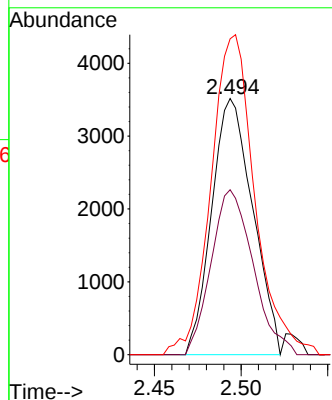
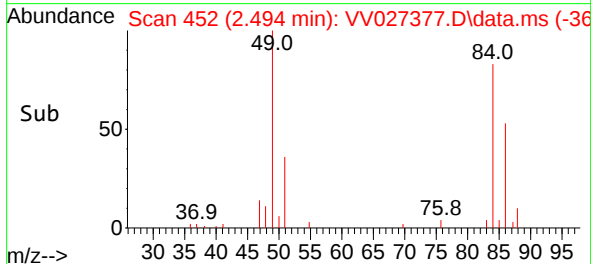


#16
Methylene chloride
Concen: 0.356 ug/L
RT: 2.494 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027377.D
Acq: 13 Aug 2022 18:50

Instrument :
MSVOA_V
ClientSampleId :

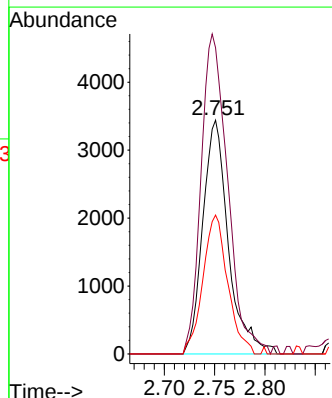
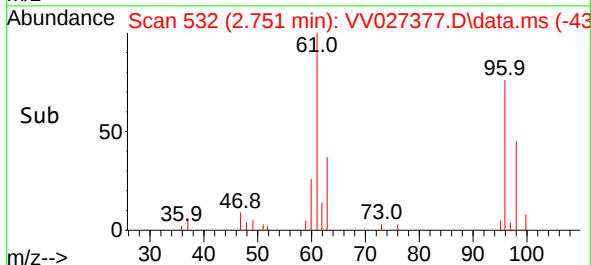
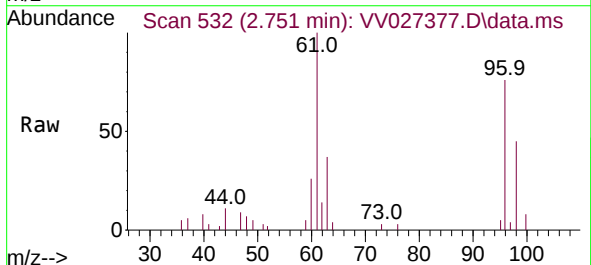


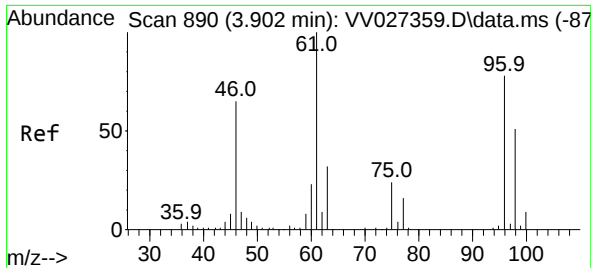
Tgt Ion: 84 Resp: 5796
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 123.3 91.2 169.4



#18
trans-1,2-Dichloroethene
Concen: 0.489 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV027377.D
Acq: 13 Aug 2022 18:50

Tgt Ion: 96 Resp: 6103
Ion Ratio Lower Upper
96 100
61 131.0 99.6 185.0
98 59.4 45.1 83.7

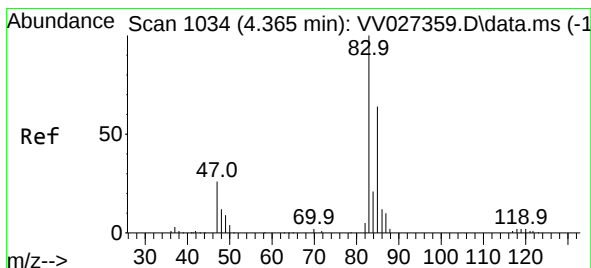
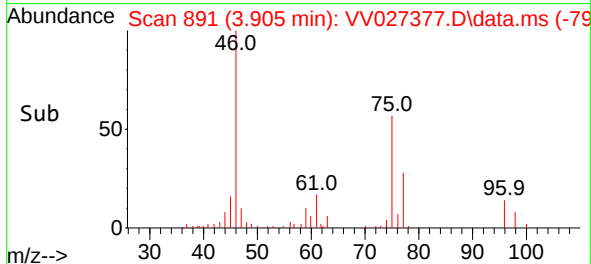
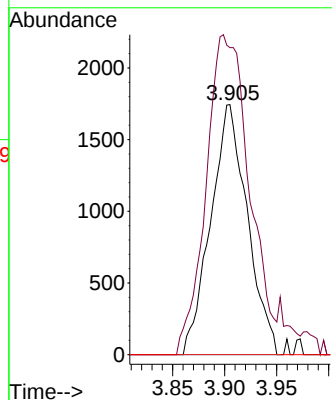
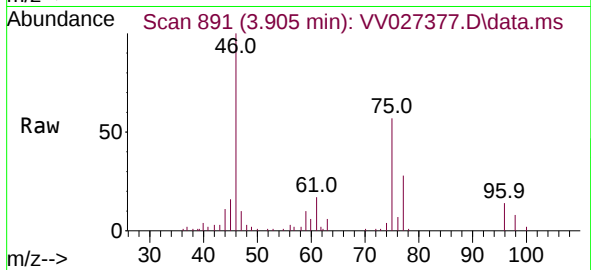




#22
 cis-1,2-Dichloroethene
 Concen: 0.349 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027377.D
 Acq: 13 Aug 2022 18:50

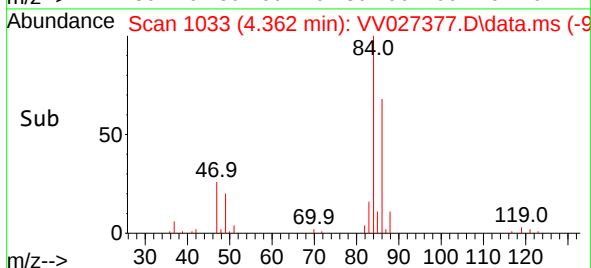
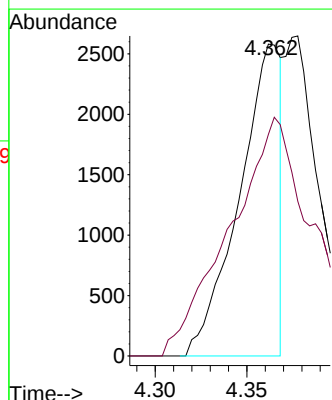
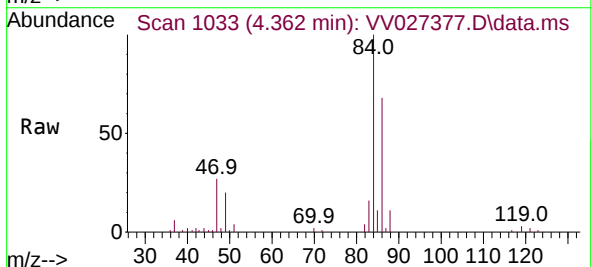
Instrument :
 MSVOA_V
 ClientSampleId :

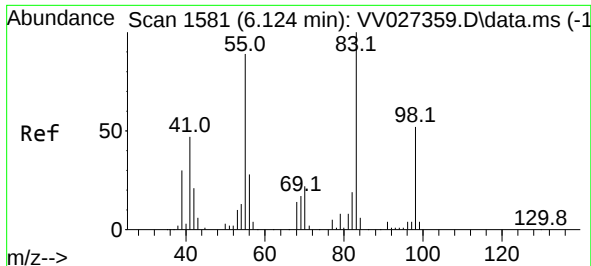
Tgt Ion: 96 Resp: 4283
 Ion Ratio Lower Upper
 96 100
 61 122.8 91.3 169.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.165 ug/L
 RT: 4.362 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VV027377.D
 Acq: 13 Aug 2022 18:50

Tgt Ion: 83 Resp: 4052
 Ion Ratio Lower Upper
 83 100
 85 71.0 45.2 84.0





#35

Methylcyclohexane

Concen: 0.983 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

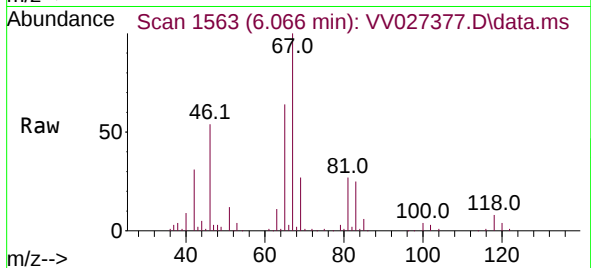
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Acq: 13 Aug 2022 18:50

Instrument :

MSVOA_V

ClientSampleId :



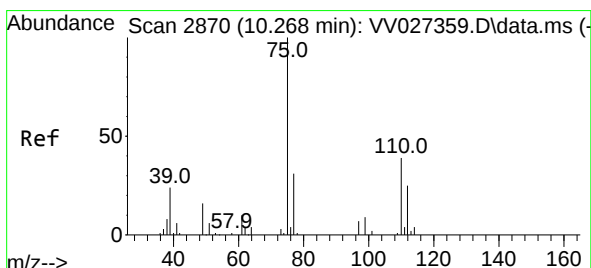
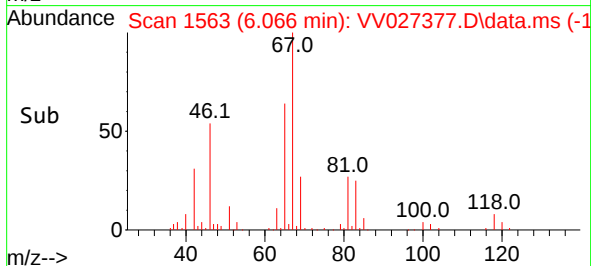
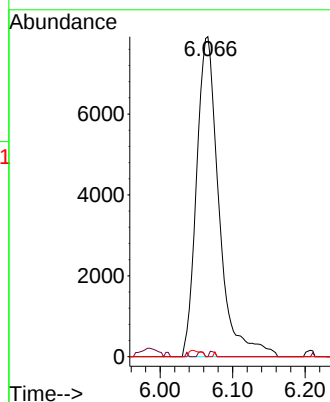
Tgt Ion: 83 Resp: 16971

Ion Ratio Lower Upper

83 100

55 0.4 67.0 100.6#

98 0.1 38.7 58.1#



#61

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV027377.D

Acq: 13 Aug 2022 18:50

Tgt Ion: 75 Resp: 7527

Ion Ratio Lower Upper

75 100

77 34.4 26.6 39.8

110 2.8 31.0 46.6#

