

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028188.D
 Acq On : 29 Sep 2022 15:47
 Operator : SY/MD
 Sample : N4730-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS0

Quant Time: Sep 30 01:48:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

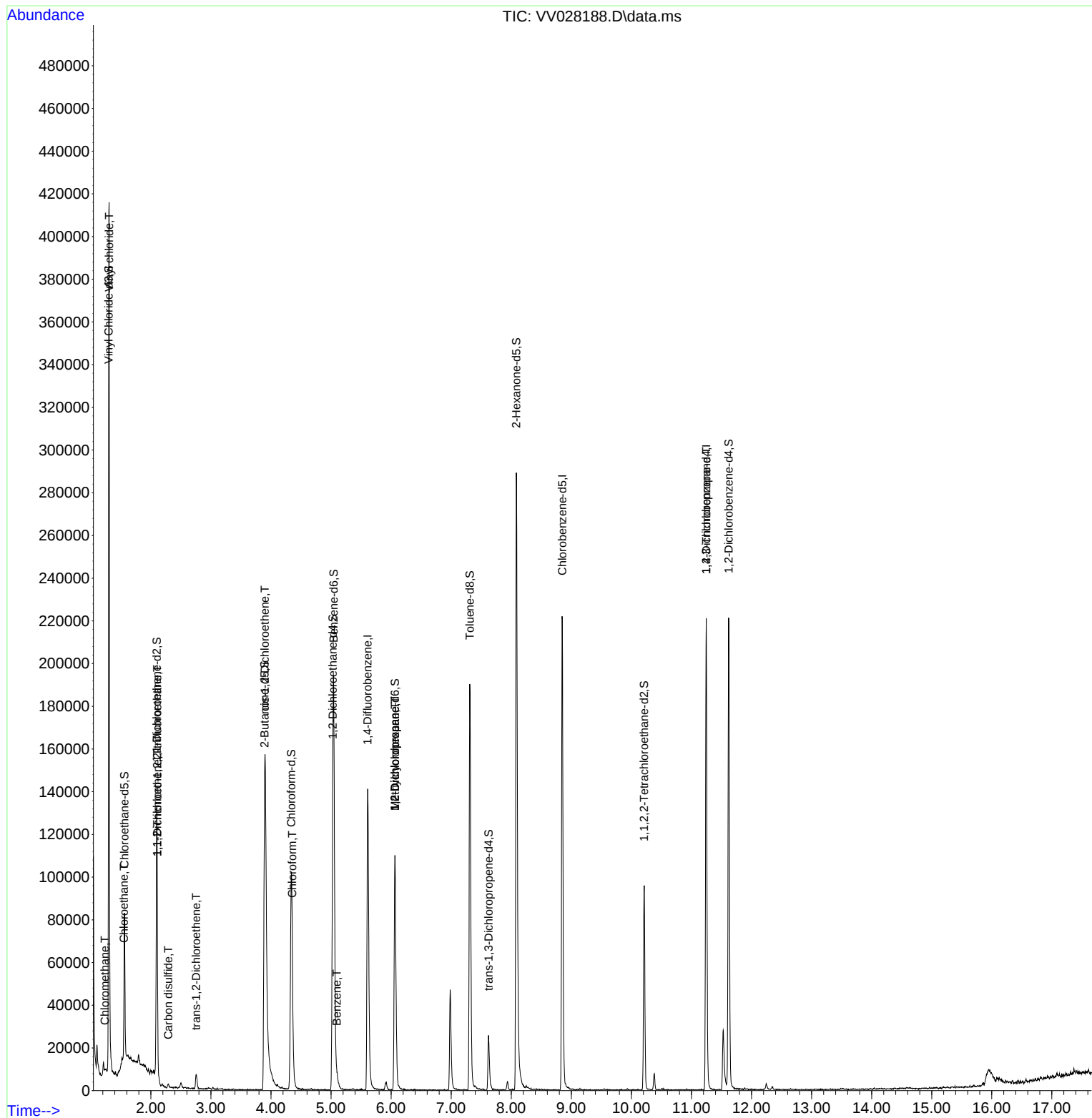
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	134319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63935	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	46935	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.561	69	44880	4.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.098	63	63659	2.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.800%#
20) 2-Butanone-d5	3.892	46	139773	59.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	4.339	84	109971	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.027	65	49887	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	180357	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.063	67	54840	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.310	98	135063	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.622	79	16827	3.427	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.085	63	108434	52.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45426	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	62778	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	579	0.044	ug/L #	40
5) Vinyl chloride	1.304	62	222104	21.324	ug/L	98
8) Chloroethane	1.552	64	23331	3.340	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	899	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.108	96	1151	0.124	ug/L #	1
14) Carbon disulfide	2.288	76	3033	0.170	ug/L	95
18) trans-1,2-Dichloroethene	2.754	96	2895	0.356	ug/L	85
22) cis-1,2-Dichloroethene	3.899	96	62511	5.863	ug/L	93
25) Chloroform	4.355	83	1409	0.074	ug/L #	43
33) Benzene	5.095	78	3447	0.093	ug/L	100
35) Methylcyclohexane	6.063	83	14481	1.149	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	6135	0.593	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	5616	1.047	ug/L #	65

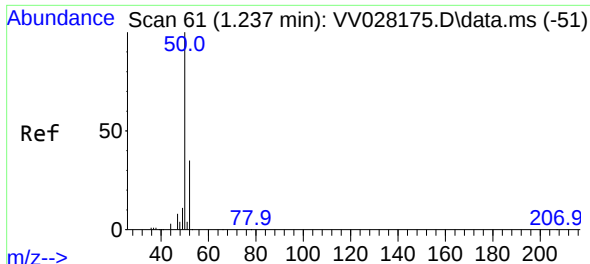
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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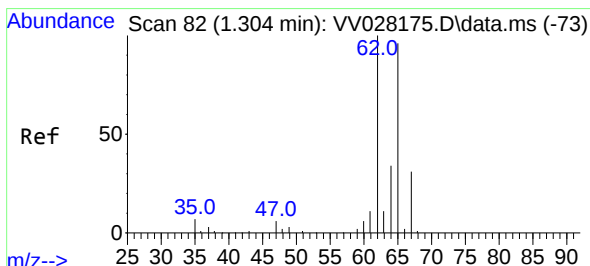
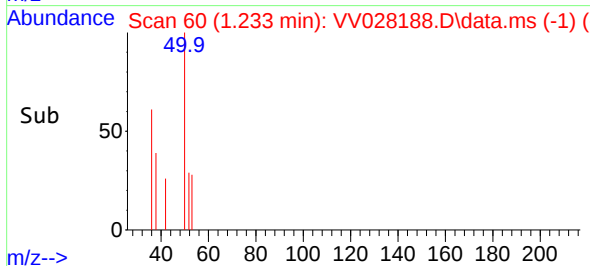
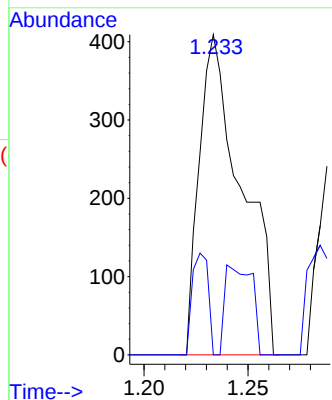
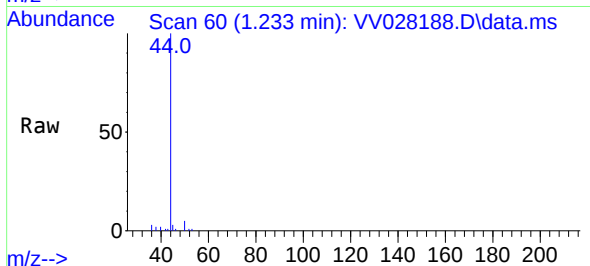




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

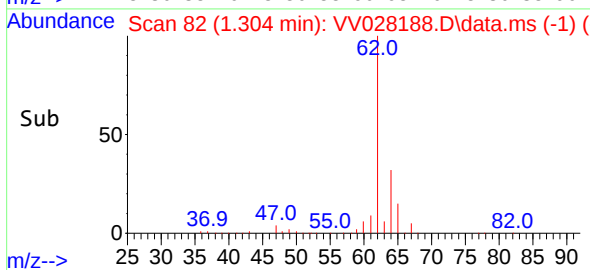
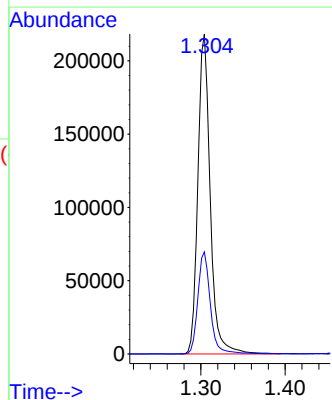
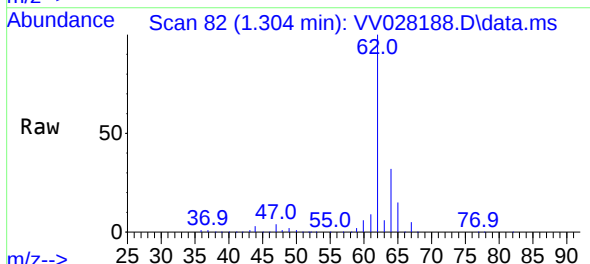
Instrument :
MSVOA_V
ClientSampleId :
EXFS0

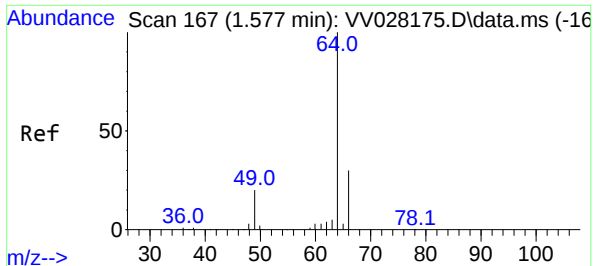
Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 0.0 24.4 45.2#



#5
Vinyl chloride
Concen: 21.324 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

Tgt Ion: 62 Resp: 222104
Ion Ratio Lower Upper
62 100
64 31.9 23.0 42.8

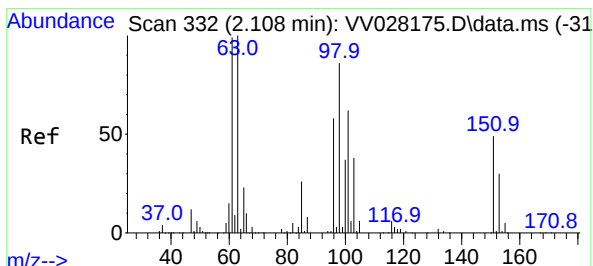
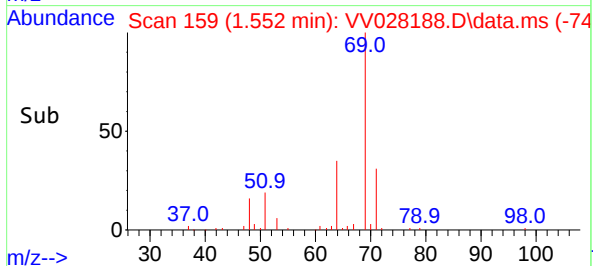
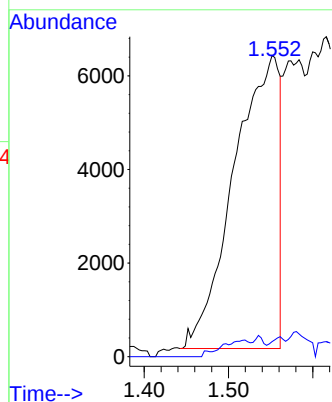
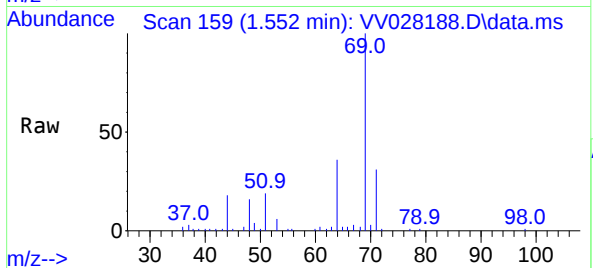




#8
Chloroethane
Concen: 3.340 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.026 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

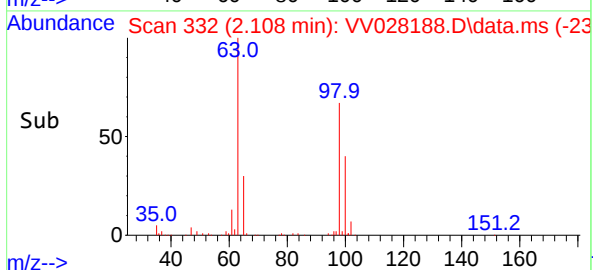
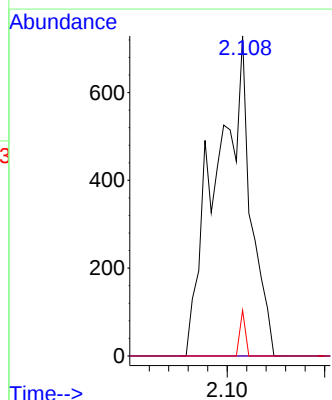
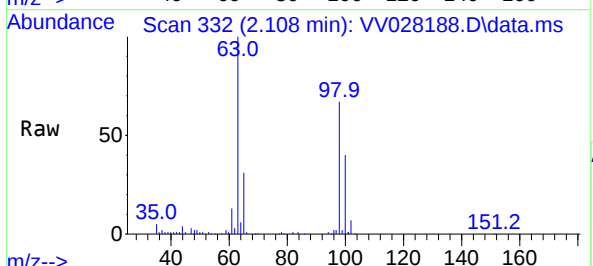
Instrument :
MSVOA_V
ClientSampleId :
EXFS0

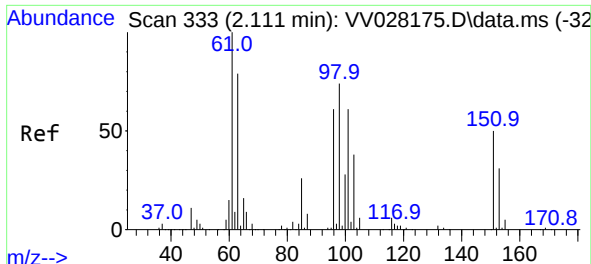
Tgt Ion: 64 Resp: 23331
Ion Ratio Lower Upper
64 100
66 5.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

Tgt Ion:101 Resp: 899
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 2.2 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028188.D

Acq: 29 Sep 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

EXFS0

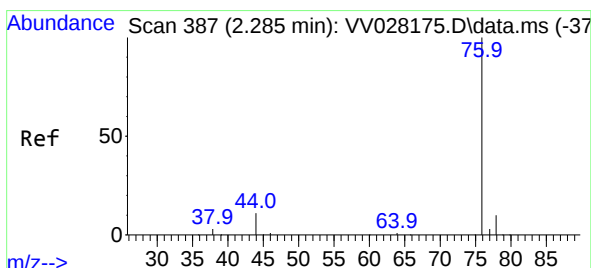
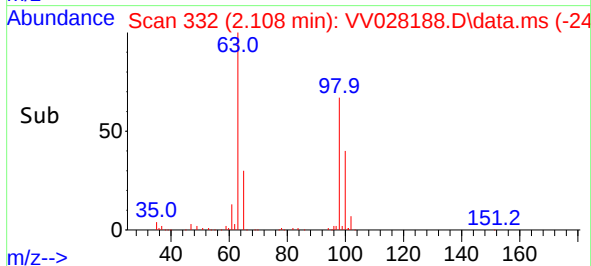
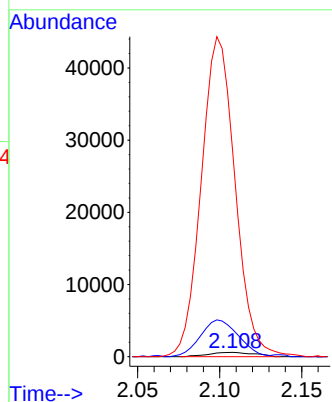
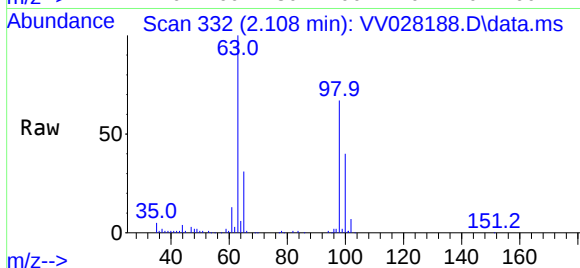
Tgt Ion: 96 Resp: 1151

Ion Ratio Lower Upper

96 100

61 631.8 128.3 238.3#

63 4753.2 112.7 209.3#



#14

Carbon disulfide

Concen: 0.170 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028188.D

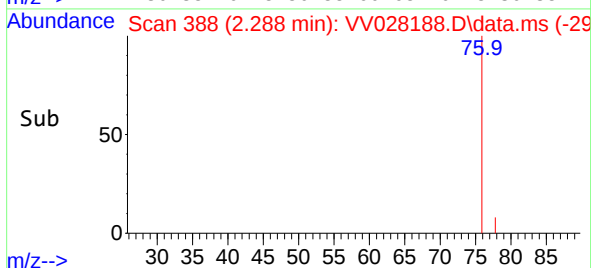
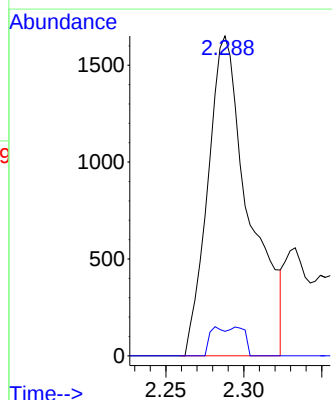
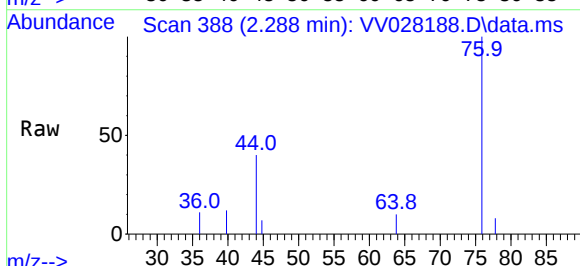
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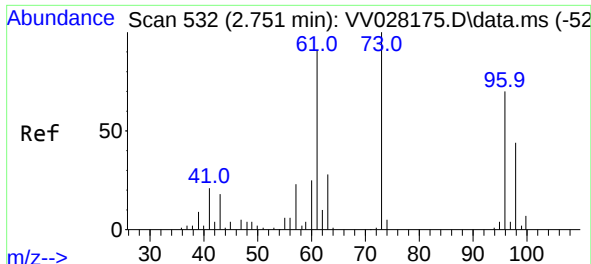
Tgt Ion: 76 Resp: 3033

Ion Ratio Lower Upper

76 100

78 7.7 7.6 11.4

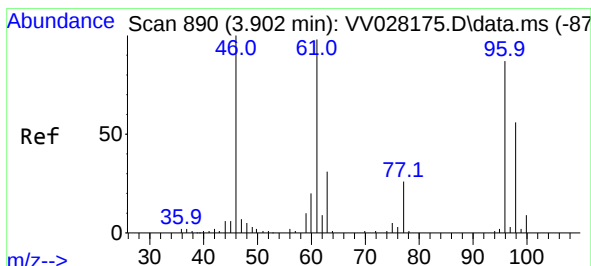
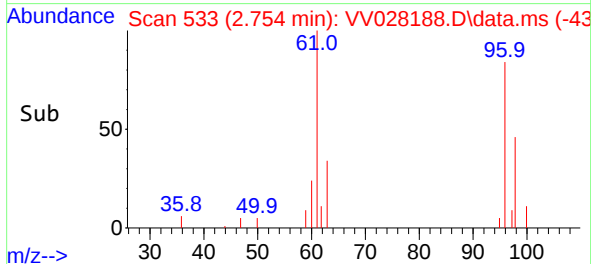
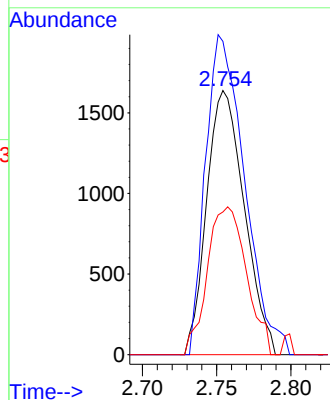
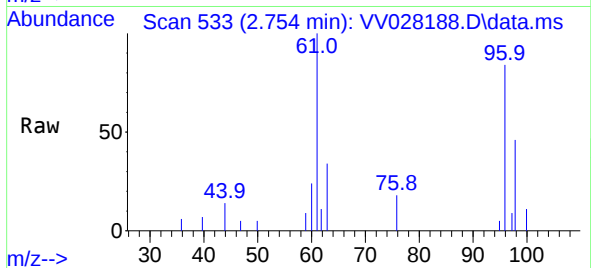




#18
trans-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

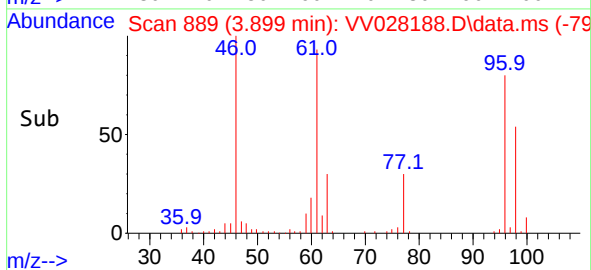
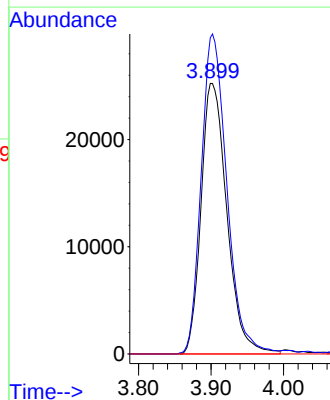
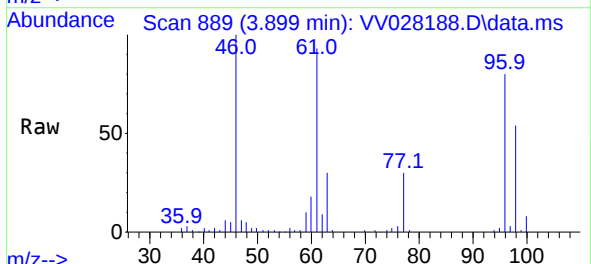
Instrument :
MSVOA_V
ClientSampleId :
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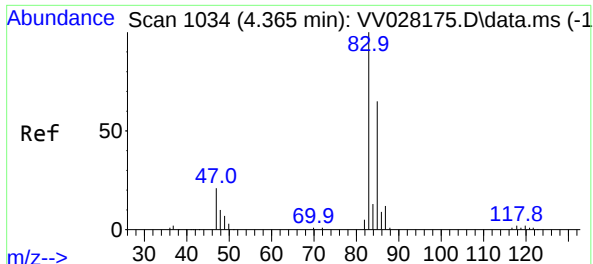
Tgt Ion: 96 Resp: 2895
Ion Ratio Lower Upper
96 100
61 118.5 96.2 178.6
98 54.0 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.863 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV028188.D
Acq: 29 Sep 2022 15:47

Tgt Ion: 96 Resp: 62511
Ion Ratio Lower Upper
96 100
61 116.8 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.074 ug/L

RT: 4.355 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV028188.D

Acq: 29 Sep 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

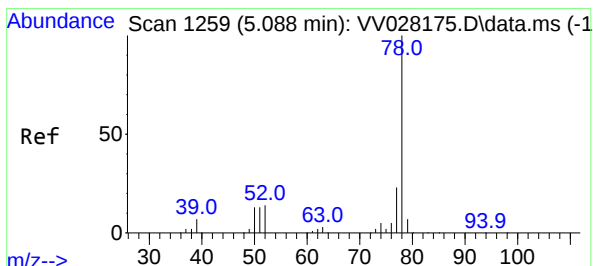
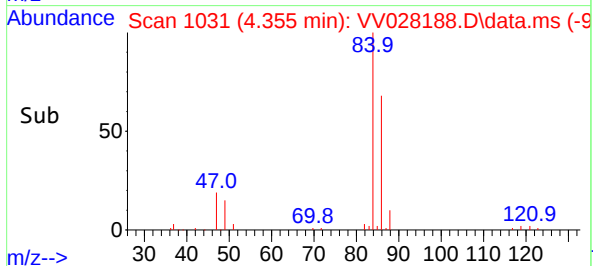
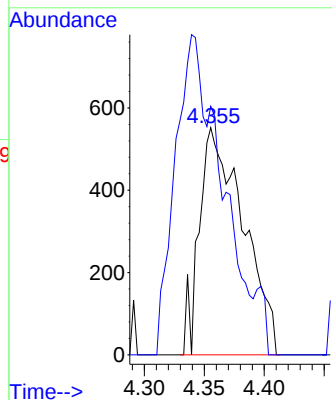
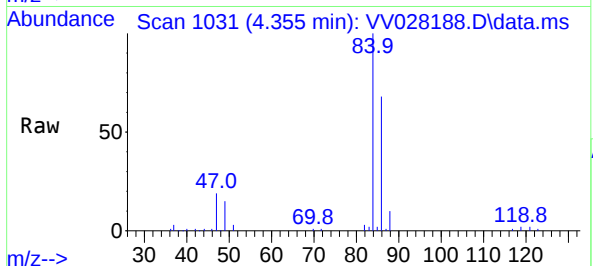
EXFS0

Tgt Ion: 83 Resp: 1409

Ion Ratio Lower Upper

83 100

85 109.4 45.1 83.7#



#33

Benzene

Concen: 0.093 ug/L

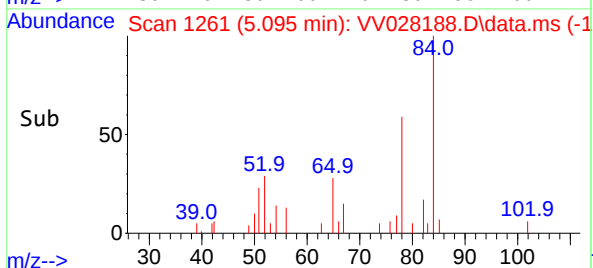
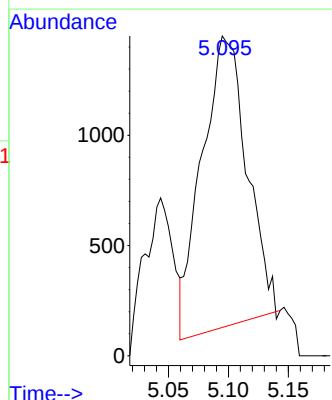
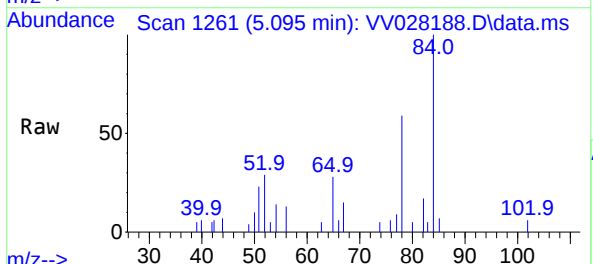
RT: 5.095 min Scan# 1261

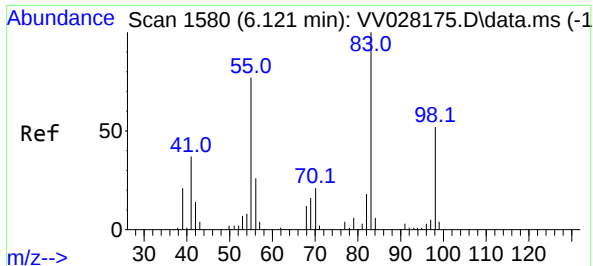
Delta R.T. 0.006 min

Lab File: VV028188.D

Acq: 29 Sep 2022 15:47

Tgt Ion: 78 Resp: 3447





#35

Methylcyclohexane

Concen: 1.149 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028188.D

Acq: 29 Sep 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

EXFS0

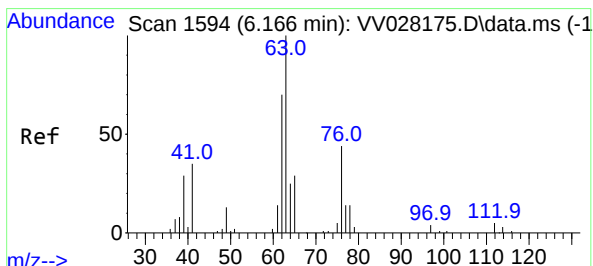
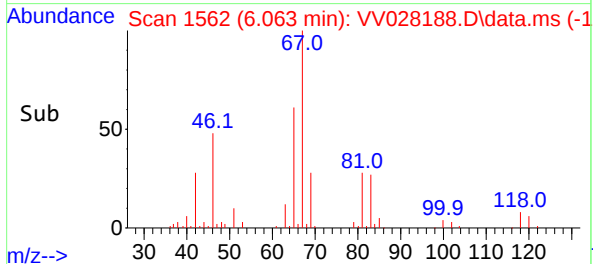
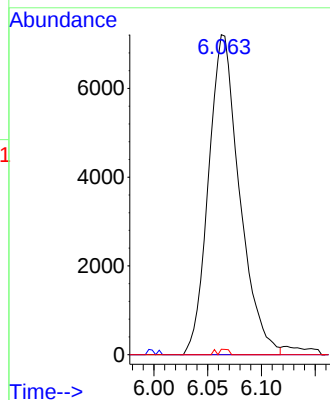
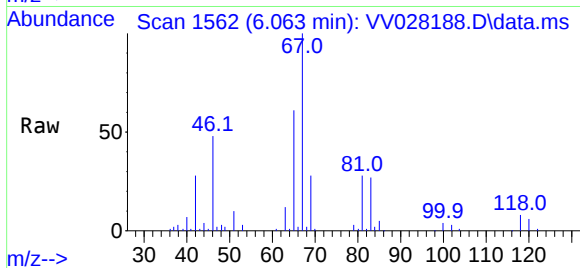
Tgt Ion: 83 Resp: 14481

Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

98 0.6 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028188.D

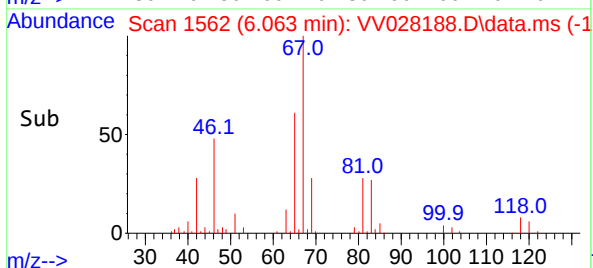
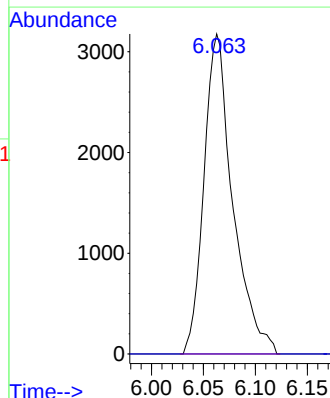
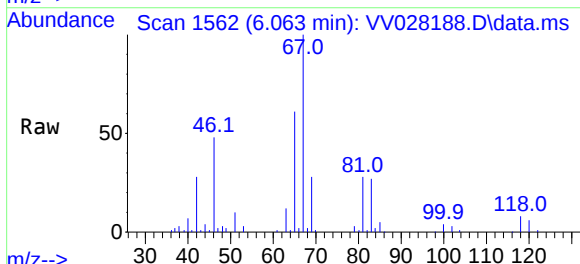
Acq: 29 Sep 2022 15:47

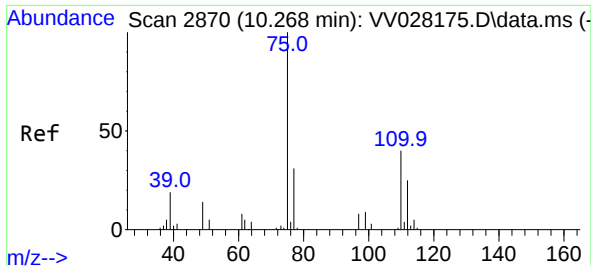
Tgt Ion: 63 Resp: 6135

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 1.047 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV028188.D

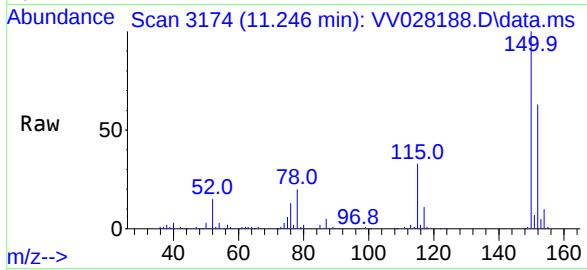
Acq: 29 Sep 2022 15:47

Instrument :

MSVOA_V

ClientSampleId :

EXFS0



Tgt Ion: 75 Resp: 5616

Ion Ratio Lower Upper

75 100

77 36.1 26.7 40.1

110 0.0 30.1 45.1#

