

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028168.D
 Acq On : 28 Sep 2022 18:53
 Operator : SY/MD
 Sample : N4730-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS6

Quant Time: Sep 29 01:30:54 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)

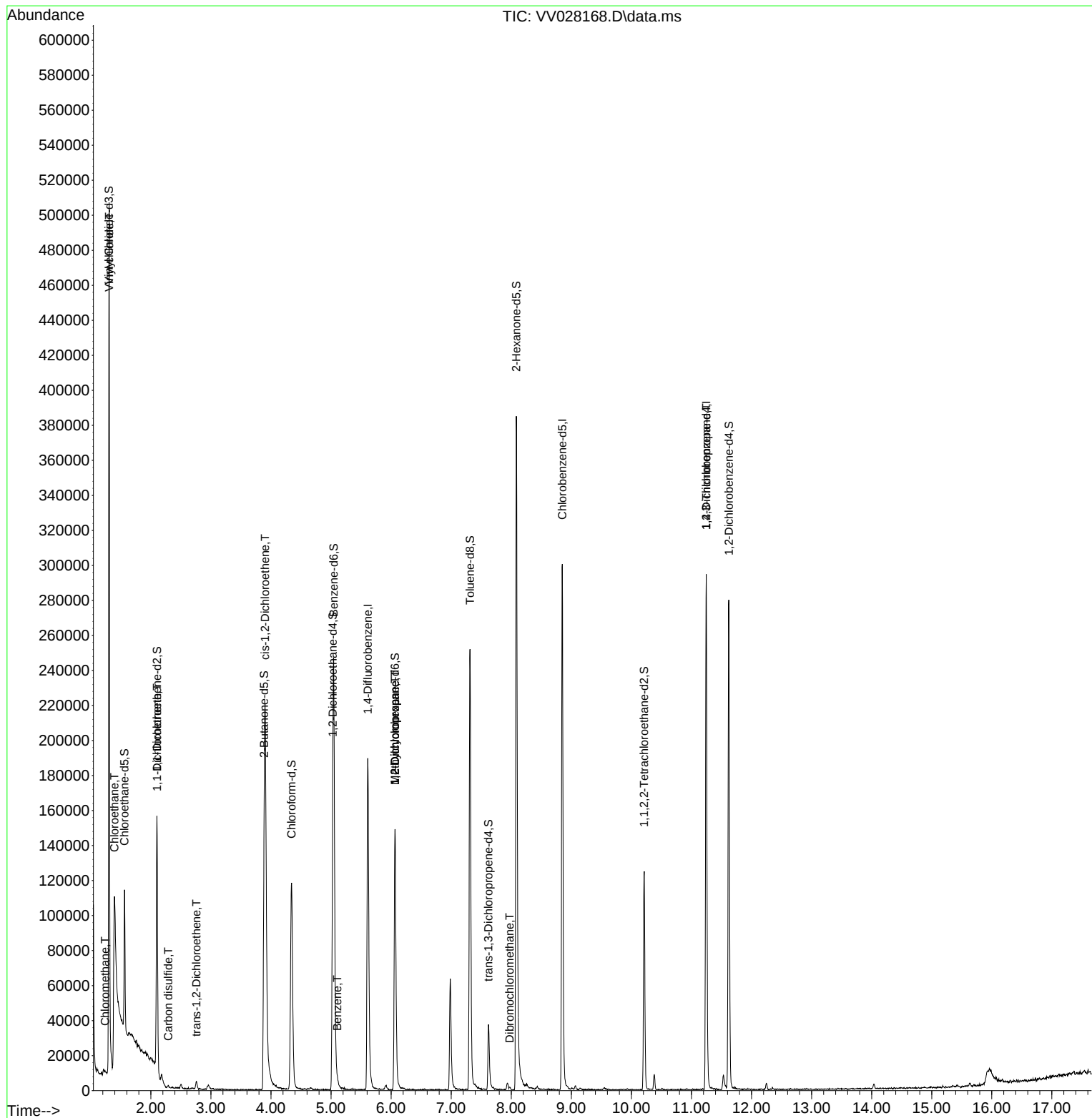
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53430	2.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.561	69	52549	3.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.101	63	72049	2.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.200%#
20) 2-Butanone-d5	3.886	46	173838	57.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.520%
24) Chloroform-d	4.342	84	128428	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	61122	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.043	84	228754	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.066	67	74912	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.313	98	179216	3.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	7.619	79	24079	3.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.085	63	138459	50.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59888	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77699	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	688	0.040	ug/L #	40
5) Vinyl chloride	1.304	62	267413	19.882	ug/L	100
8) Chloroethane	1.394	64	234682	26.020	ug/L #	51
12) 1,1-Dichloroethene	2.105	96	1171	0.098	ug/L #	1
14) Carbon disulfide	2.291	76	1538	0.067	ug/L #	74
18) trans-1,2-Dichloroethene	2.757	96	1839	0.175	ug/L	79
22) cis-1,2-Dichloroethene	3.902	96	91286	6.630	ug/L	89
33) Benzene	5.104	78	3024	0.061	ug/L	100
35) Methylcyclohexane	6.066	83	18559	1.103	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8134	0.589	ug/L #	87
49) Dibromochloromethane	7.972	129	326	0.029	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8775	1.247	ug/L #	65

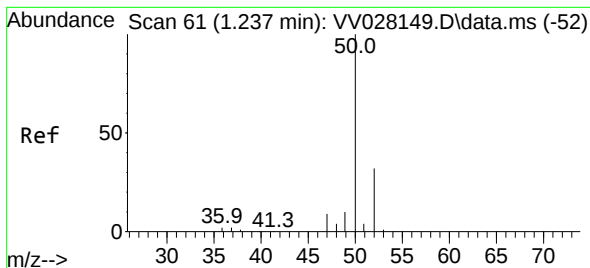
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.040 ug/L

RT: 1.236 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV028168.D

Acq: 28 Sep 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

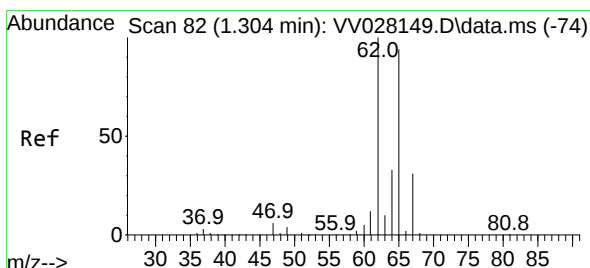
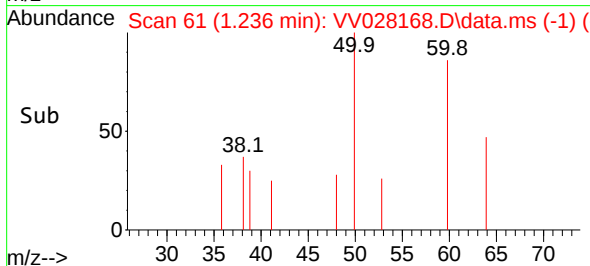
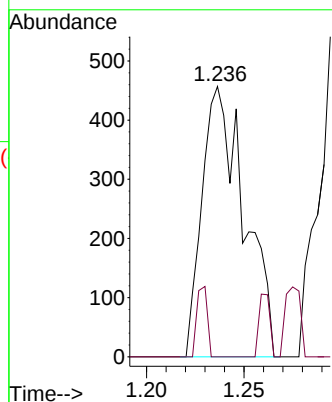
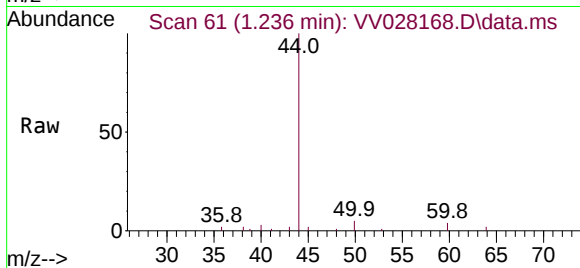
EXFS6

Tgt Ion: 50 Resp: 688

Ion Ratio Lower Upper

50 100

52 0.0 24.4 45.2#



#5

Vinyl chloride

Concen: 19.882 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028168.D

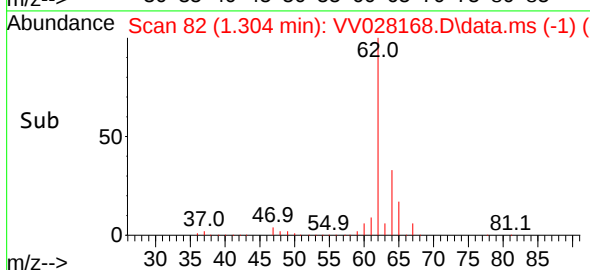
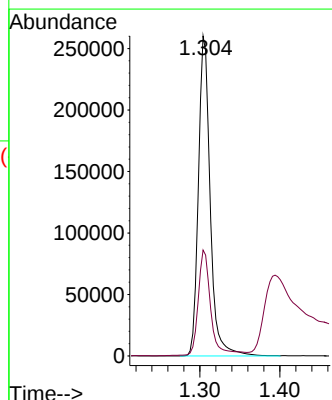
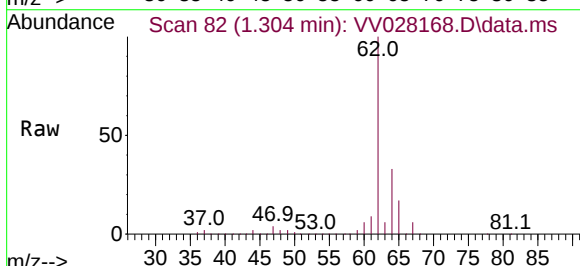
Acq: 28 Sep 2022 18:53

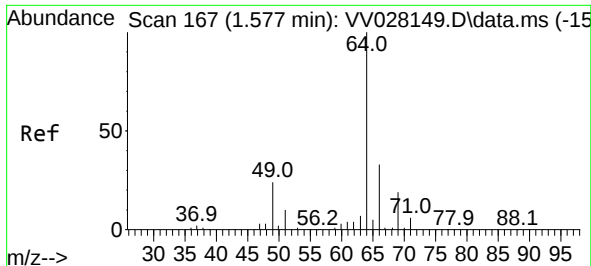
Tgt Ion: 62 Resp: 267413

Ion Ratio Lower Upper

62 100

64 33.1 23.0 42.8

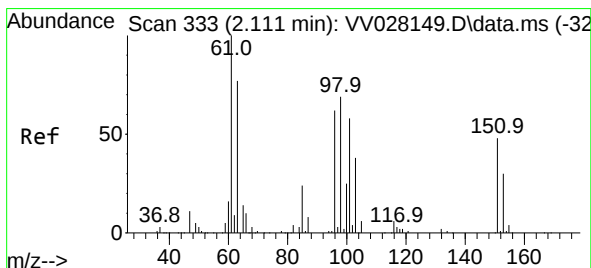
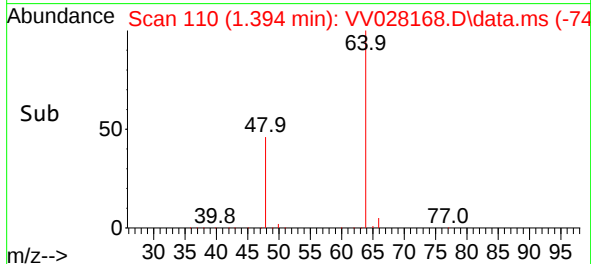
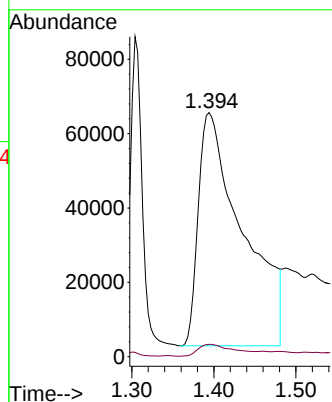
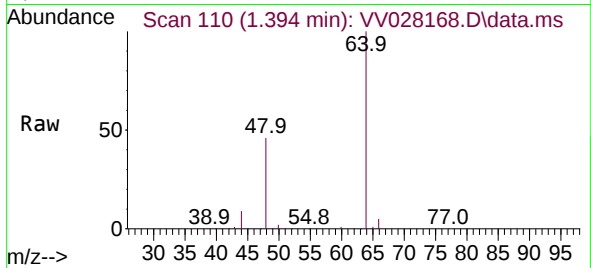




#8
Chloroethane
Concen: 26.020 ug/L
RT: 1.394 min Scan# 11
Delta R.T. -0.183 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

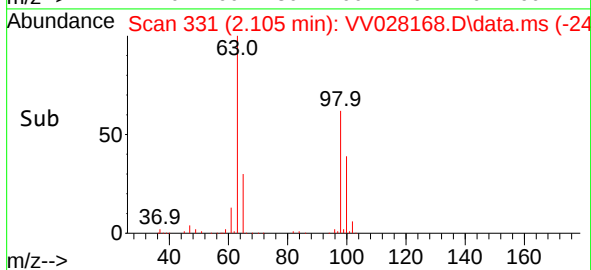
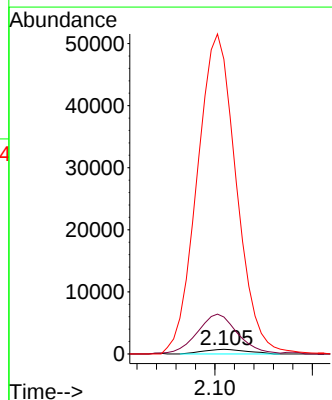
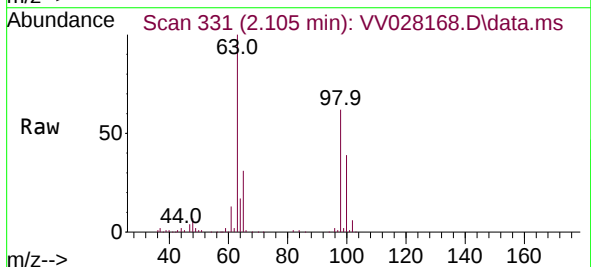
Instrument :
MSVOA_V
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EXFS6

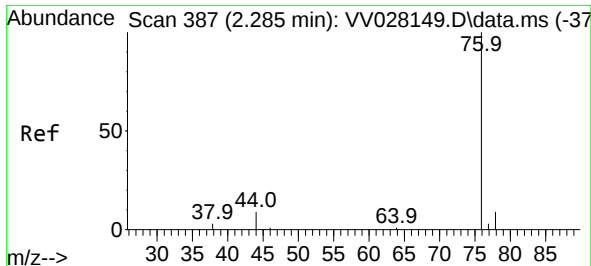
Tgt Ion: 64 Resp: 234682
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.007 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 798.4 128.3 238.3#
63 6362.5 112.7 209.3#

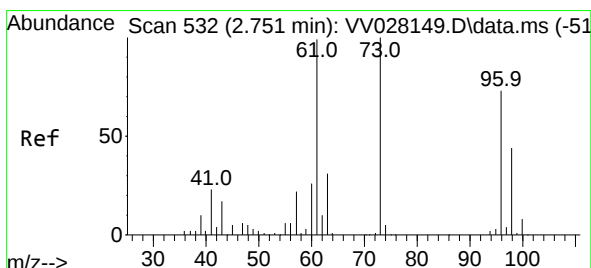
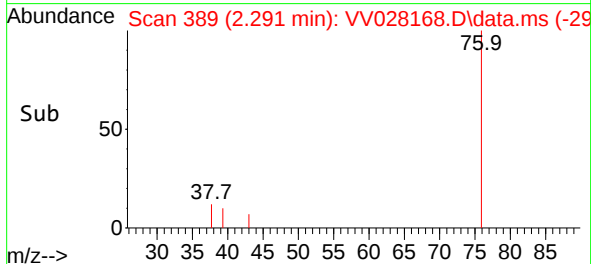
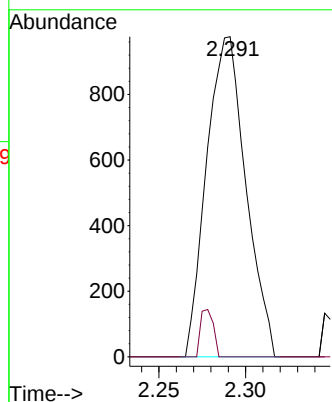
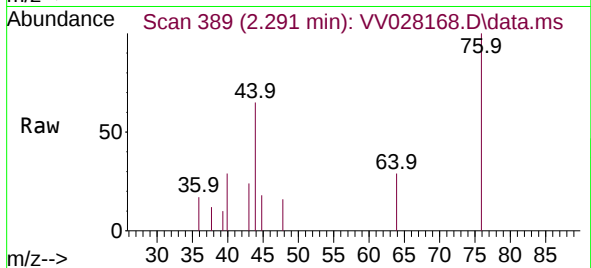




#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

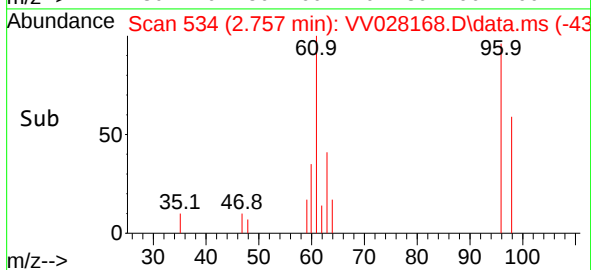
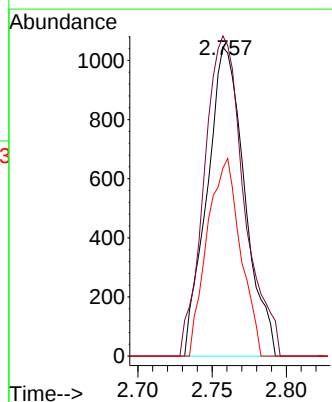
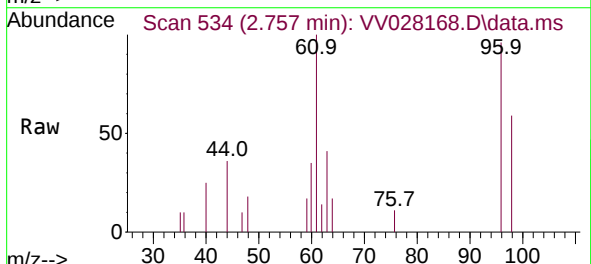
Instrument :
MSVOA_V
ClientSampleId :
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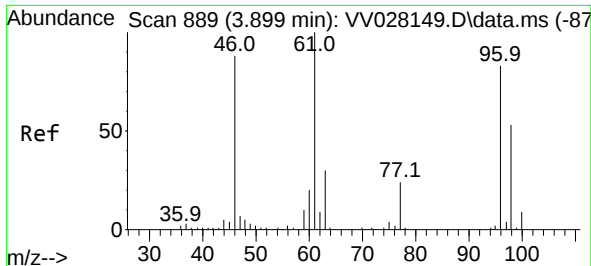
Tgt Ion: 76 Resp: 1538
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

Tgt Ion: 96 Resp: 1839
Ion Ratio Lower Upper
96 100
61 103.6 96.2 178.6
98 60.9 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 6.630 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV028168.D

Acq: 28 Sep 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

EXFS6

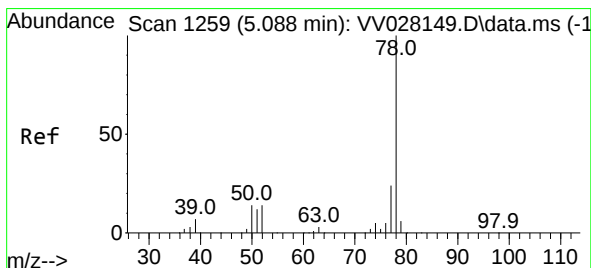
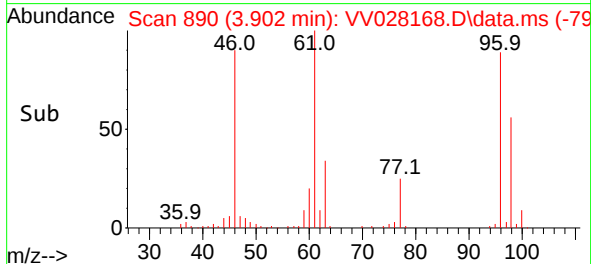
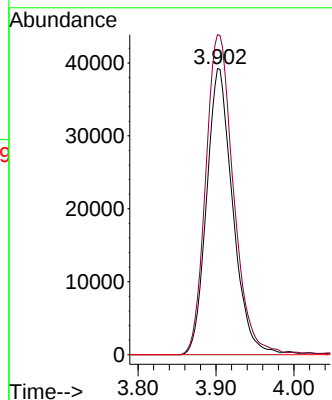
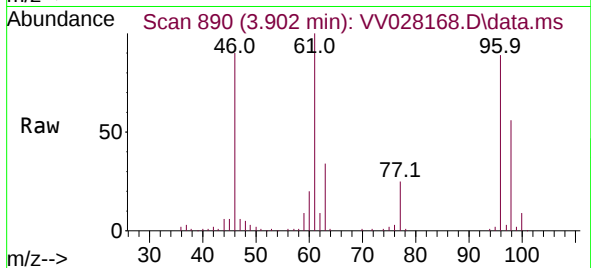
Tgt Ion: 96 Resp: 91286

Ion Ratio Lower Upper

96 100

61 111.8 87.2 161.9

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.061 ug/L

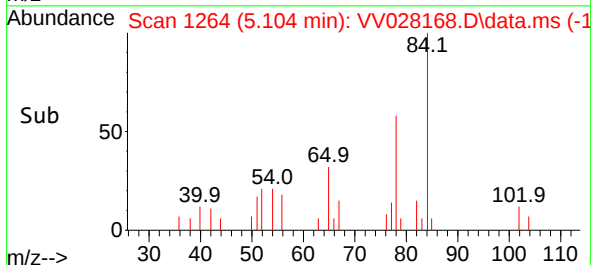
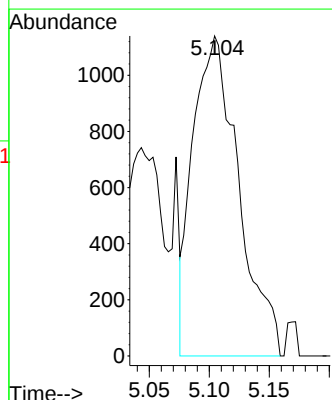
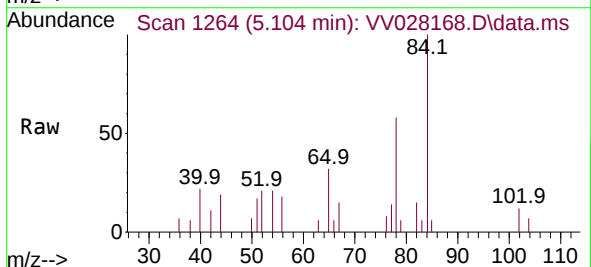
RT: 5.104 min Scan# 1264

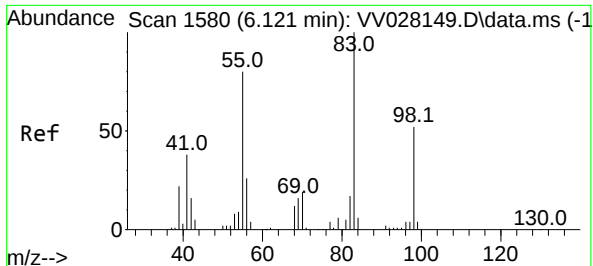
Delta R.T. 0.016 min

Lab File: VV028168.D

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Tgt Ion: 78 Resp: 3024

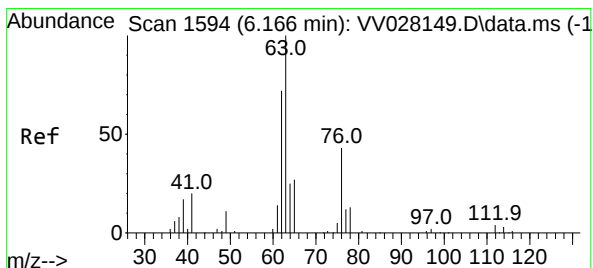
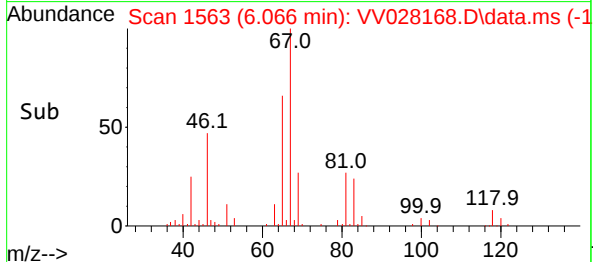
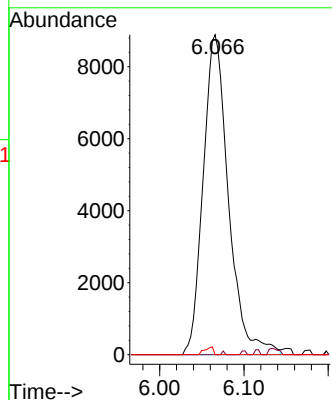
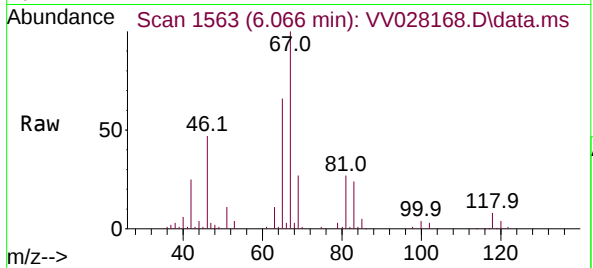




#35
Methylcyclohexane
Concen: 1.103 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

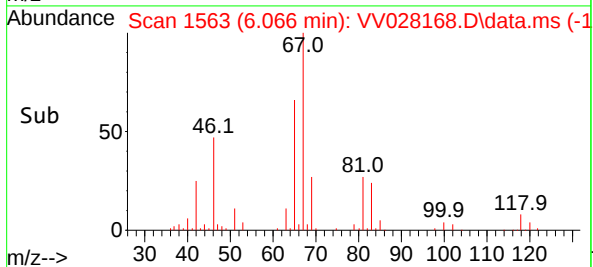
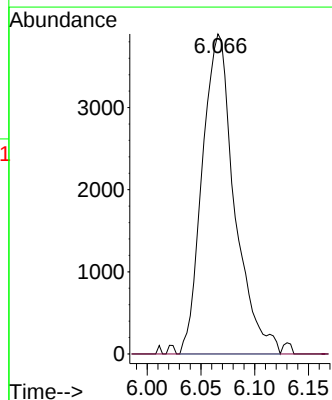
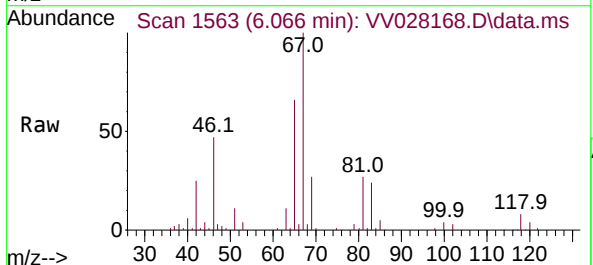
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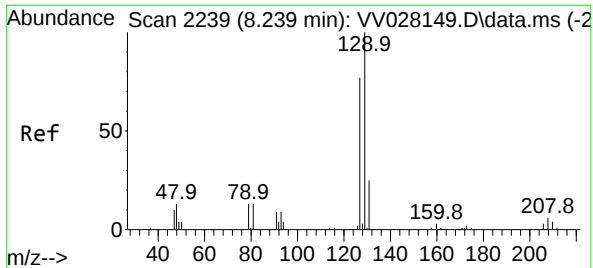
Tgt Ion: 83 Resp: 18559
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 0.8 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

Tgt Ion: 63 Resp: 8134
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

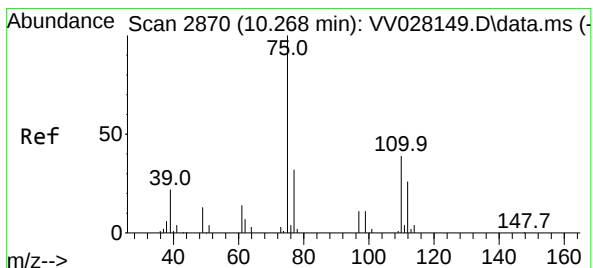
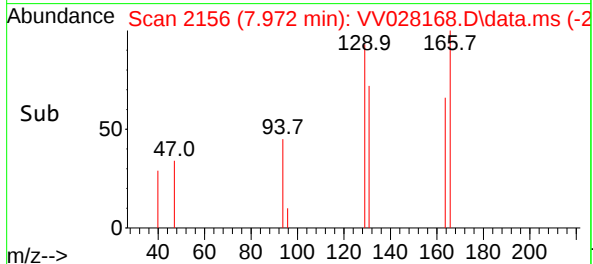
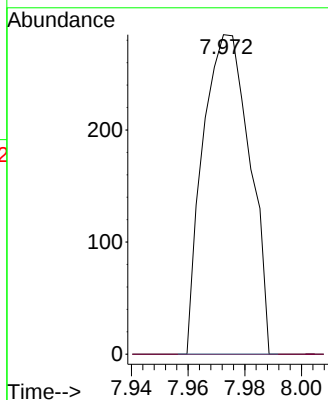
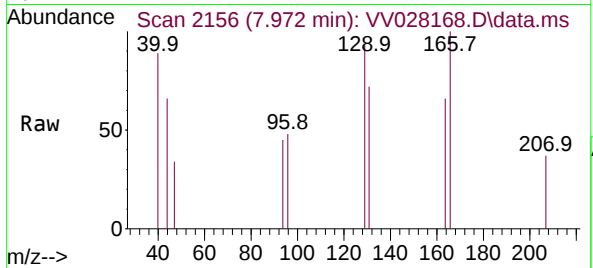




#49
Dibromochloromethane
Concen: 0.029 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV028168.D
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Tgt Ion:129 Resp: 326
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#



#61
1,2,3-Trichloropropane
Concen: 1.247 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028168.D
Acq: 28 Sep 2022 18:53

Tgt Ion: 75 Resp: 8775
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
110 0.3 30.1 45.1#

