

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028202.D
 Acq On : 29 Sep 2022 21:43
 Operator : SY/MD
 Sample : N4870-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H07

Quant Time: Sep 30 01:50:37 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)

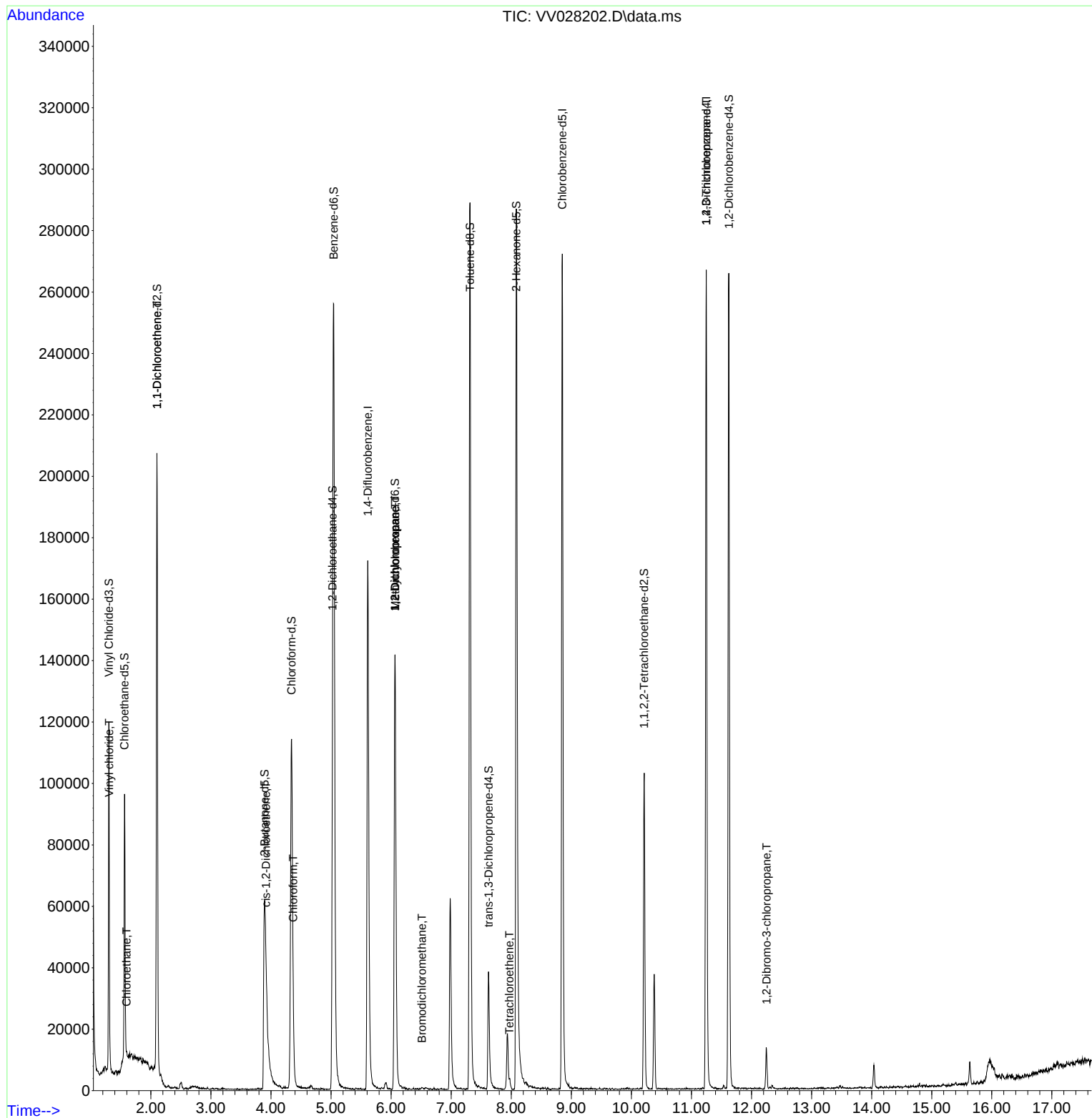
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	160044	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69363	4.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.561	69	57831	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.101	63	100463	3.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.892	46	119569	42.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.380%
24) Chloroform-d	4.342	84	120827	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.024	65	58806	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.043	84	242207	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.063	67	72920	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	202385	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.622	79	24469	4.031	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.085	63	103246	40.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50516	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	74441	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
5) Vinyl chloride	1.307	62	928	0.075	ug/L #	1
8) Chloroethane	1.597	64	744	0.089	ug/L #	52
12) 1,1-Dichloroethene	2.101	96	1084	0.098	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	478	0.038	ug/L	88
25) Chloroform	4.368	83	5224	0.230	ug/L	90
35) Methylcyclohexane	6.066	83	18050	1.158	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8000	0.625	ug/L #	87
38) Bromodichloromethane	6.513	83	466	0.029	ug/L #	93
47) Tetrachloroethene	7.969	164	879	0.097	ug/L #	79
61) 1,2,3-Trichloropropane	11.246	75	7202	1.119	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.249	75	388	0.275	ug/L #	1

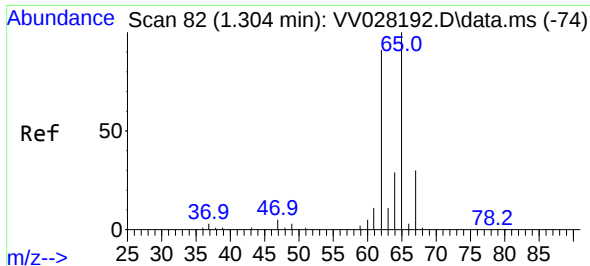
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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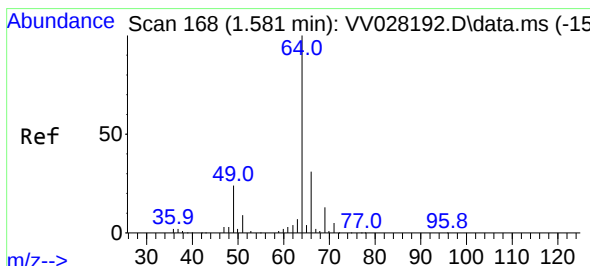
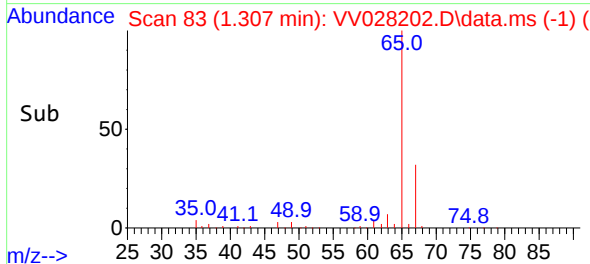
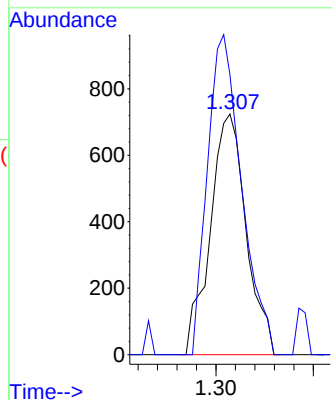
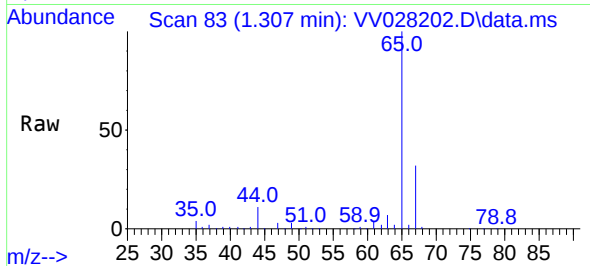




#5
 Vinyl chloride
 Concen: 0.075 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028202.D
 Acq: 29 Sep 2022 21:43

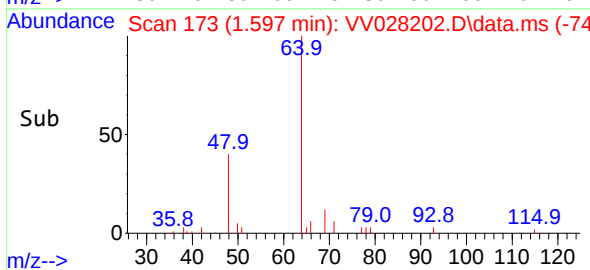
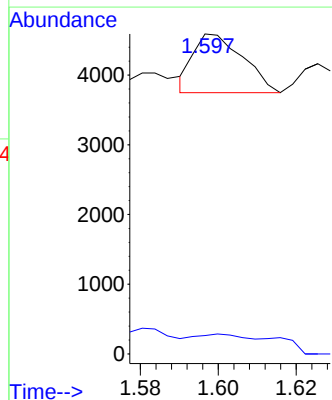
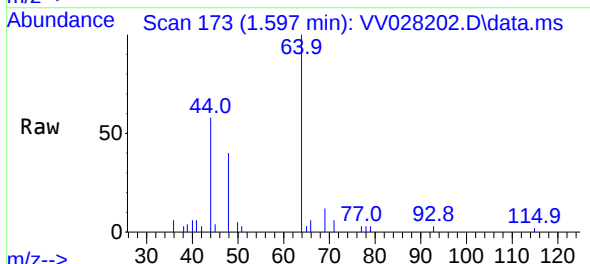
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H07

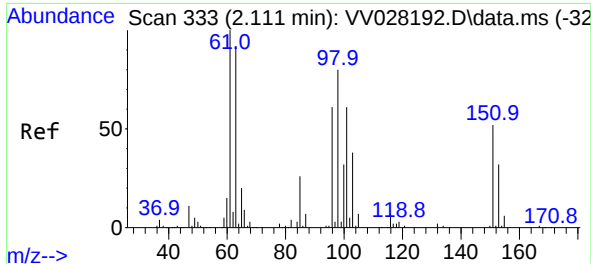
Tgt Ion: 62 Resp: 928
 Ion Ratio Lower Upper
 62 100
 64 116.3 23.0 42.8#



#8
 Chloroethane
 Concen: 0.089 ug/L
 RT: 1.597 min Scan# 173
 Delta R.T. 0.019 min
 Lab File: VV028202.D
 Acq: 29 Sep 2022 21:43

Tgt Ion: 64 Resp: 744
 Ion Ratio Lower Upper
 64 100
 66 5.8 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028202.D

Acq: 29 Sep 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

F5H07

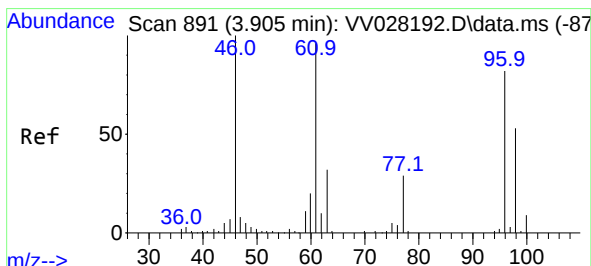
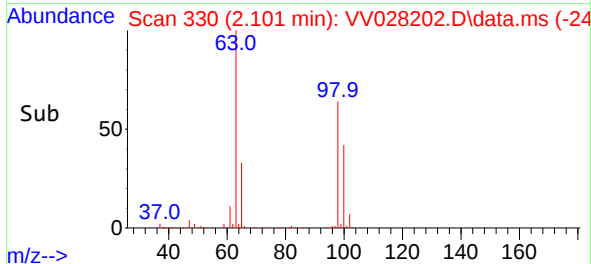
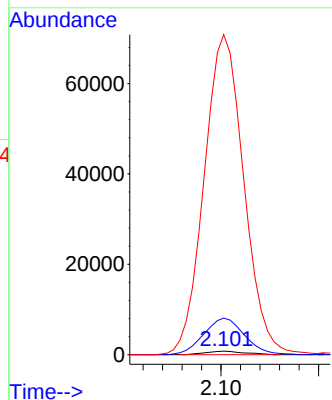
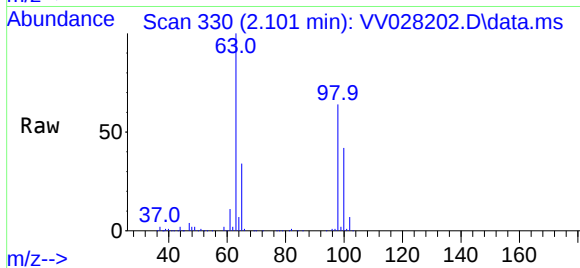
Tgt Ion: 96 Resp: 1084

Ion Ratio Lower Upper

96 100

61 1021.4 128.3 238.3#

63 8930.1 112.7 209.3#



#22

cis-1,2-Dichloroethene

Concen: 0.038 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.016 min

Lab File: VV028202.D

Acq: 29 Sep 2022 21:43

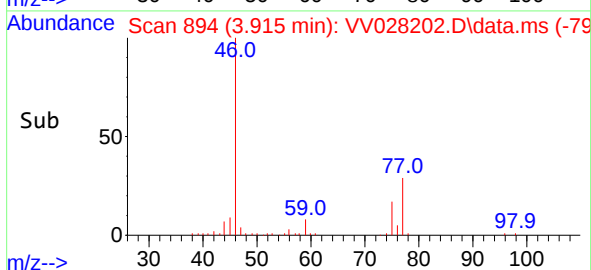
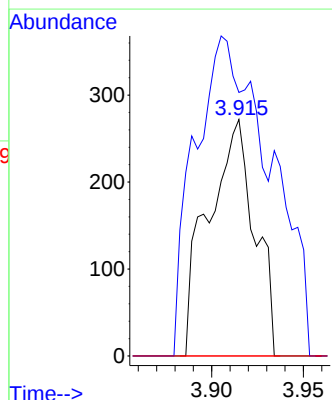
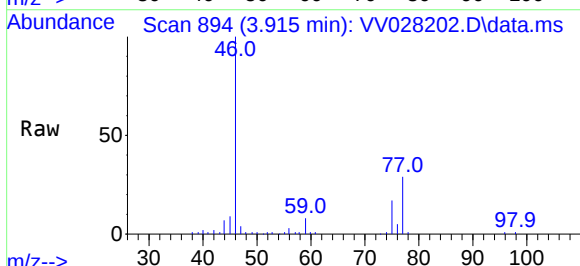
Tgt Ion: 96 Resp: 478

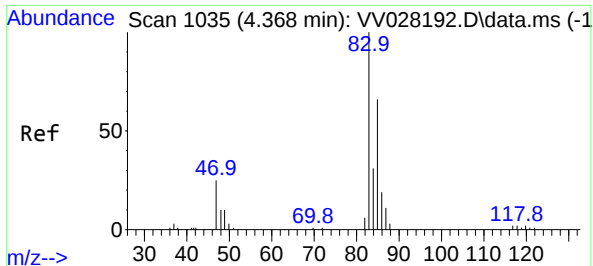
Ion Ratio Lower Upper

96 100

61 111.4 87.2 161.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.230 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028202.D

Acq: 29 Sep 2022 21:43

Instrument :

MSVOA_V

ClientSampleId :

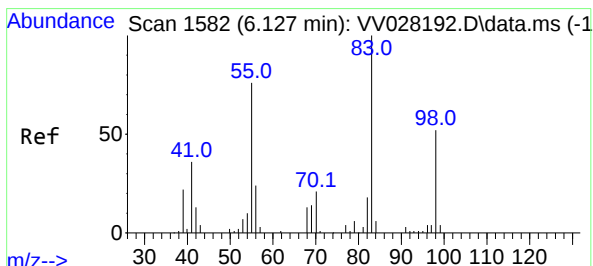
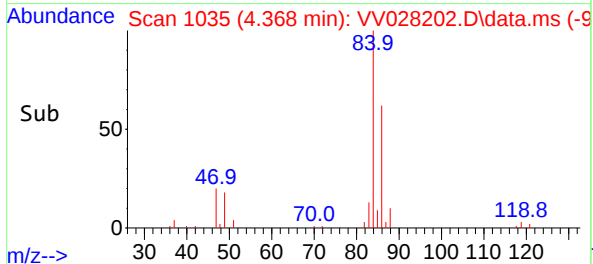
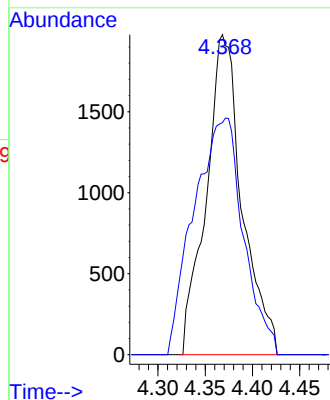
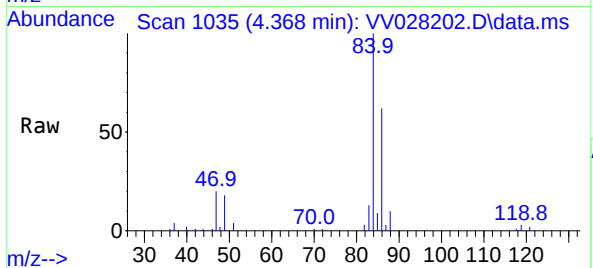
F5H07

Tgt Ion: 83 Resp: 5224

Ion Ratio Lower Upper

83 100

85 72.6 45.1 83.7



#35

Methylcyclohexane

Concen: 1.158 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028202.D

Acq: 29 Sep 2022 21:43

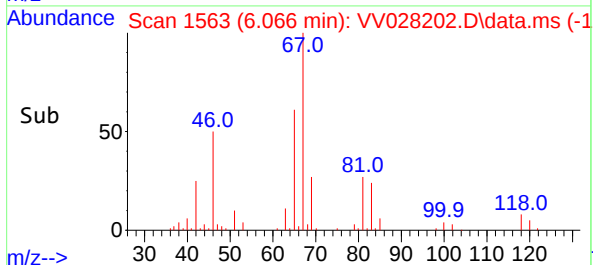
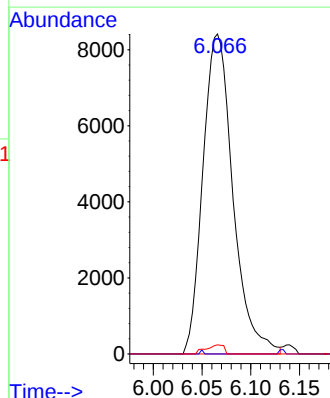
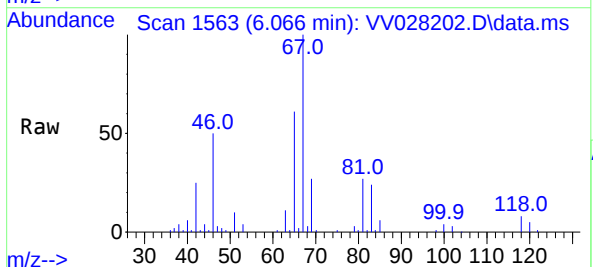
Tgt Ion: 83 Resp: 18050

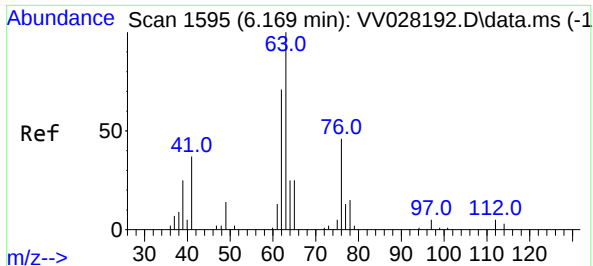
Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 1.7 39.5 59.3#

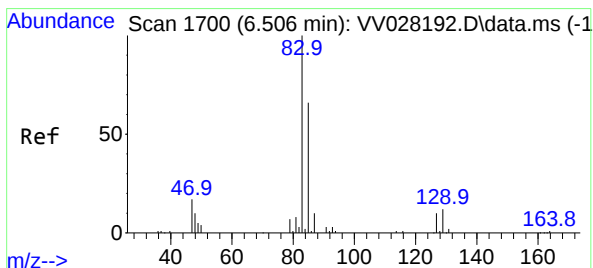
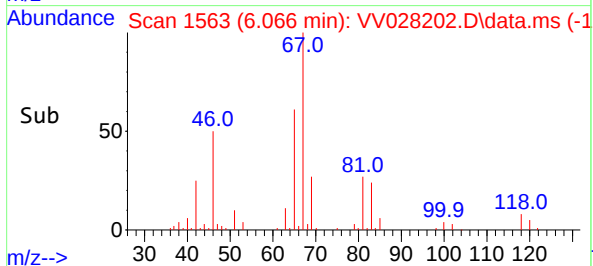
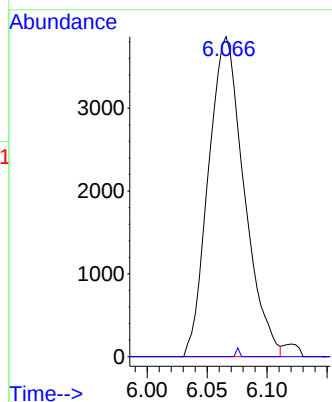
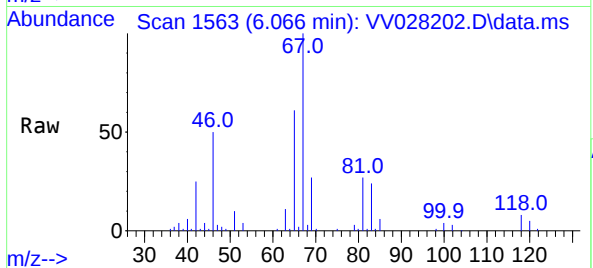




#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028202.D
Acq: 29 Sep 2022 21:43

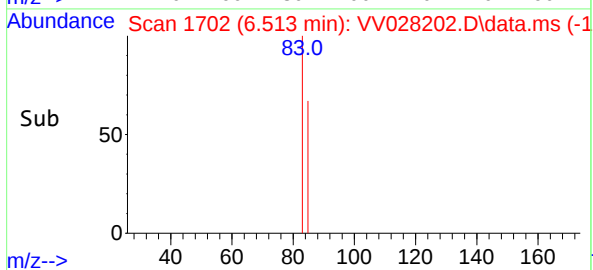
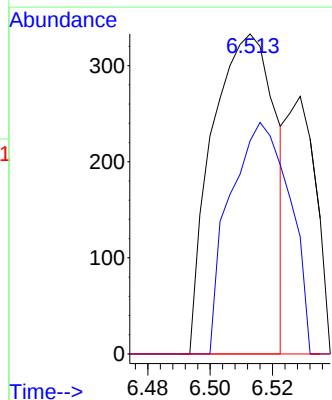
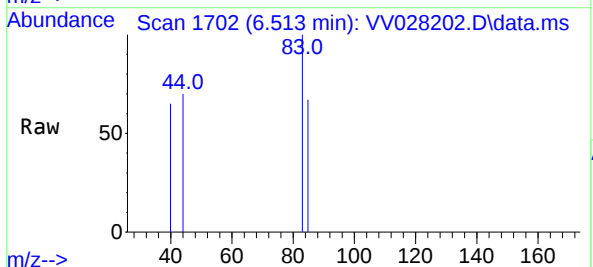
Instrument :
MSVOA_V
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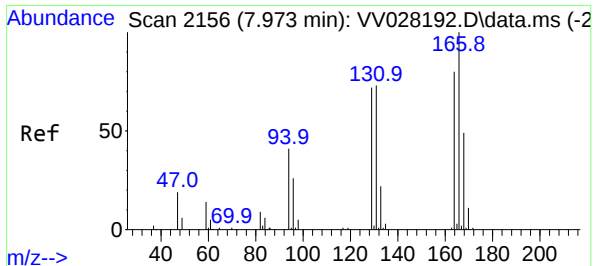
Tgt Ion: 63 Resp: 8000
Ion Ratio Lower Upper
63 100
112 0.3 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.029 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.010 min
Lab File: VV028202.D
Acq: 29 Sep 2022 21:43

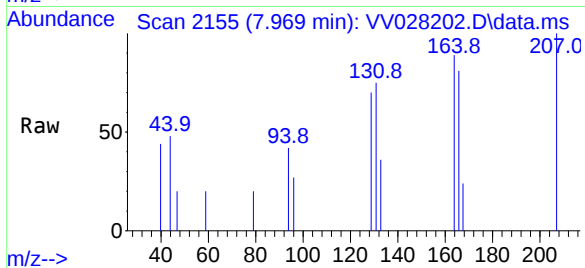
Tgt Ion: 83 Resp: 466
Ion Ratio Lower Upper
83 100
85 66.7 43.8 81.4
127 0.0 6.3 9.5#



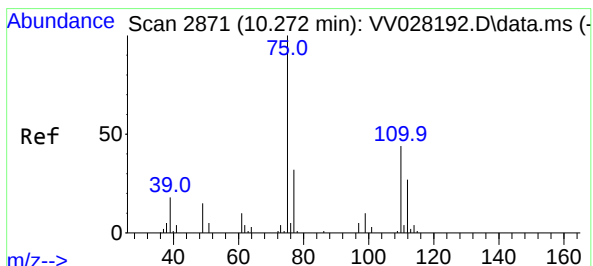
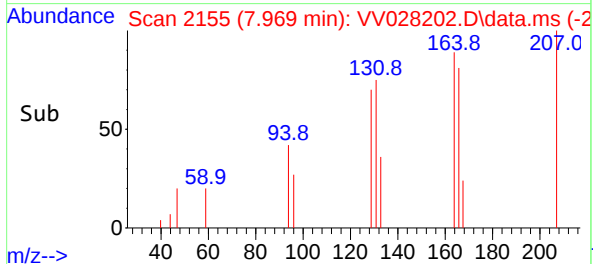
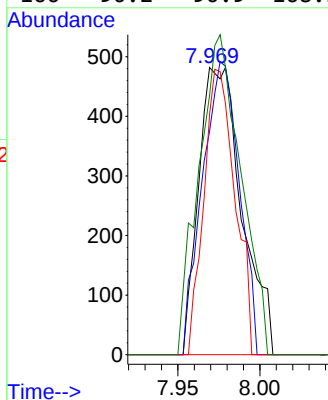


#47
Tetrachloroethene
Concen: 0.097 ug/L
RT: 7.969 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV028202.D
Acq: 29 Sep 2022 21:43

Instrument :
MSVOA_V
ClientSampleId :
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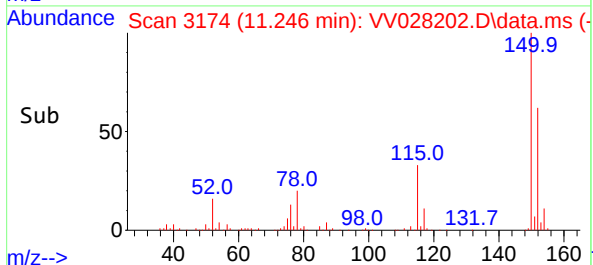
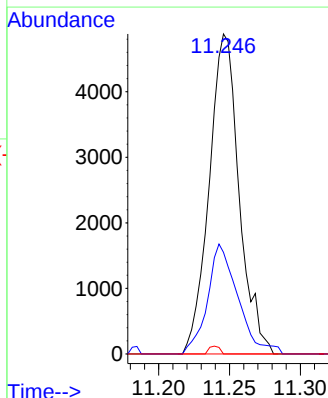
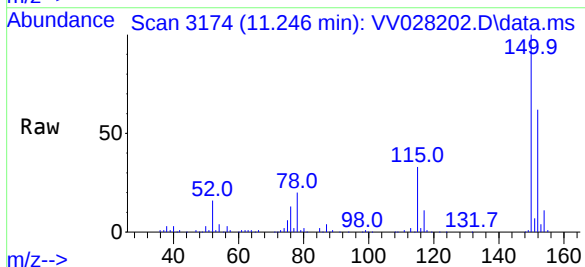


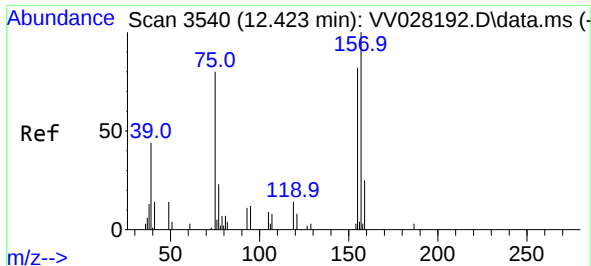
Tgt Ion:164 Resp: 879
Ion Ratio Lower Upper
164 100
129 77.8 66.7 123.9
131 83.6 61.7 114.5
166 90.2 90.9 168.9#



#61
1,2,3-Trichloropropane
Concen: 1.119 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028202.D
Acq: 29 Sep 2022 21:43

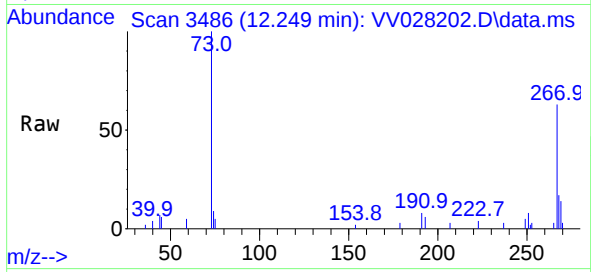
Tgt Ion: 75 Resp: 7202
Ion Ratio Lower Upper
75 100
77 34.8 26.7 40.1
110 0.9 30.1 45.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.275 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV028202.D
 Acq: 29 Sep 2022 21:43

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H07



Tgt Ion: 75	Resp:	388
Ion Ratio	Lower	Upper
75	100	
155	0.0	73.6 110.4#
157	0.0	90.7 136.1#

