

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028281.D
 Acq On : 03 Oct 2022 16:22
 Operator : SY/MD
 Sample : N4730-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:45:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

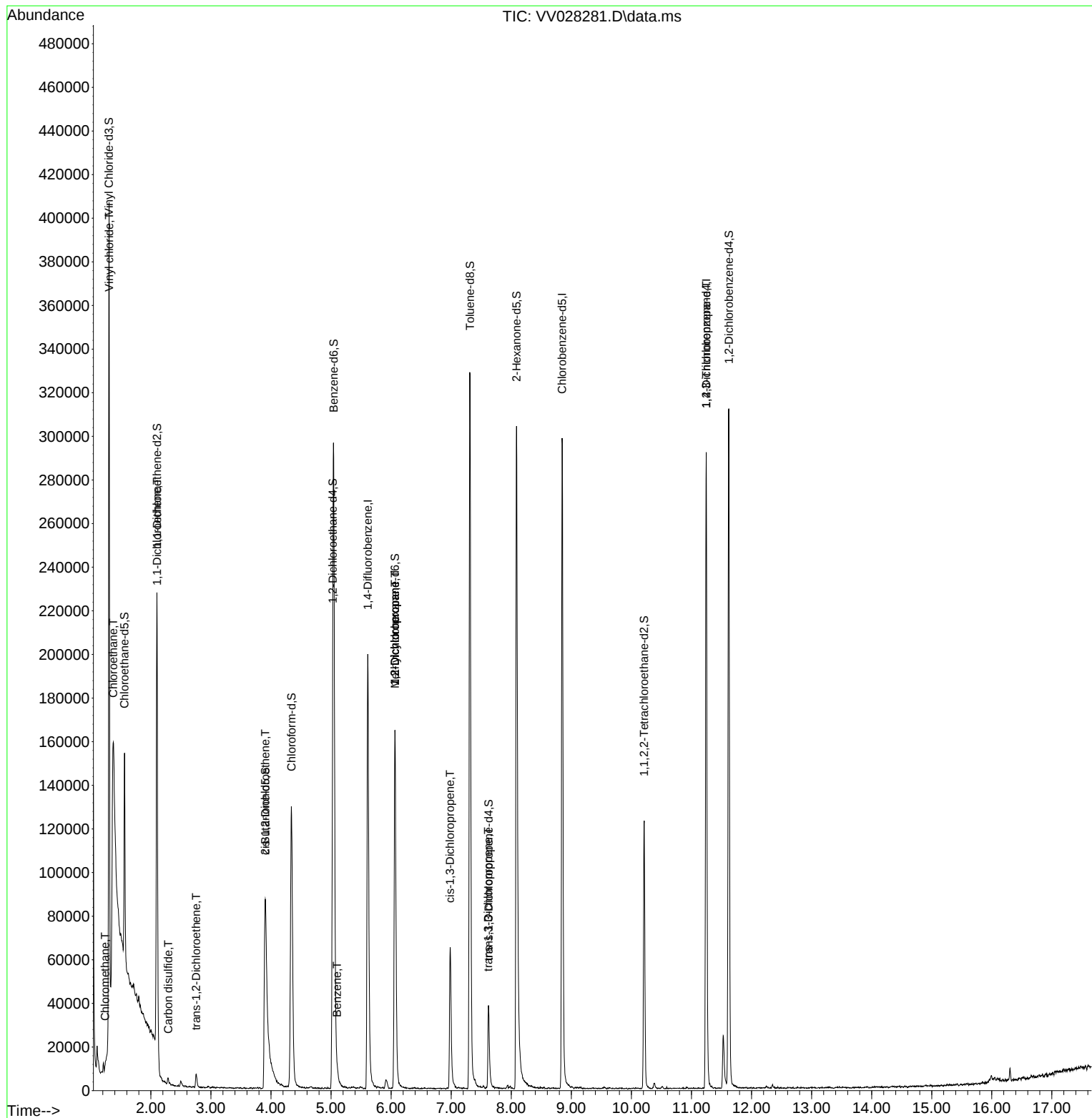
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	181137	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	180910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70618	5.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.561	69	61657	5.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.101	63	104048	4.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.905	46	141571	61.477	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.960%
24) Chloroform-d	4.342	84	141278	5.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.600%
26) 1,2-Dichloroethane-d4	5.027	65	65864	5.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	5.043	84	280662	5.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	6.063	67	84577	5.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.800%
41) Toluene-d8	7.313	98	234699	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.622	79	24859	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	126599	57.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60225	5.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	87358	5.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1286	0.093	ug/L	89
5) Vinyl chloride	1.304	62	184422	11.861	ug/L	92
8) Chloroethane	1.375	64	424028	40.920	ug/L #	51
12) 1,1-Dichloroethene	2.105	96	1473	0.113	ug/L #	1
14) Carbon disulfide	2.288	76	3766	0.093	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	2610	0.193	ug/L	90
22) cis-1,2-Dichloroethene	3.905	96	24530	1.800	ug/L	86
33) Benzene	5.098	78	4203	0.078	ug/L	100
35) Methylcyclohexane	6.066	83	20807	0.945	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8857	0.710	ug/L #	88
39) cis-1,3-Dichloropropene	6.982	75	1505	0.085	ug/L #	48
44) trans-1,3-Dichloropropene	7.616	75	1145	0.076	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	8186	1.252	ug/L #	67

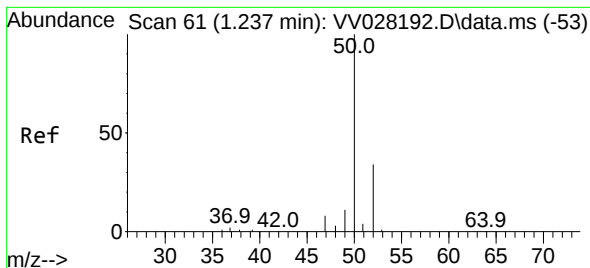
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 04 02:28:45 2022
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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.236 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV028281.D

Acq: 03 Oct 2022 16:22

Instrument :

MSVOA_V

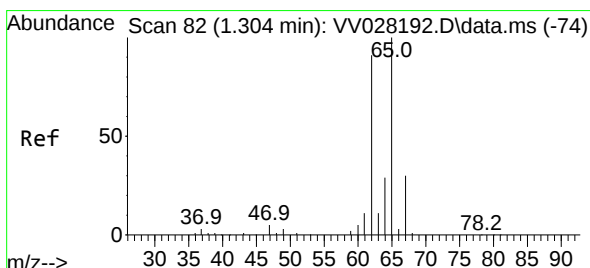
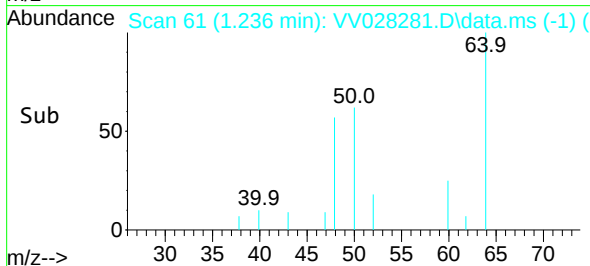
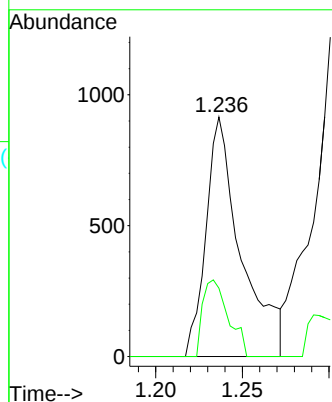
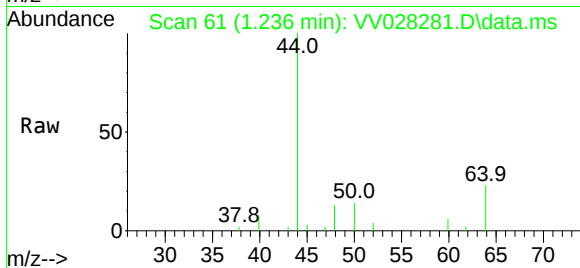
ClientSampleId :

Tgt Ion: 50 Resp: 1286

Ion Ratio Lower Upper

50 100

52 28.5 24.4 45.2



#5

Vinyl chloride

Concen: 11.861 ug/L

RT: 1.304 min Scan# 82

Delta R.T. 0.000 min

Lab File: VV028281.D

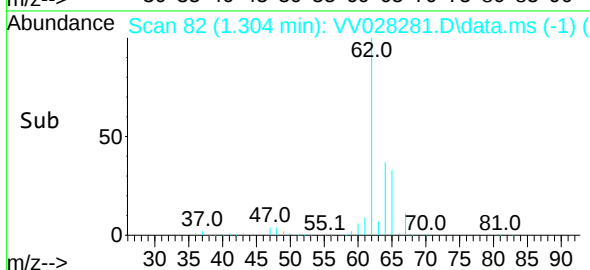
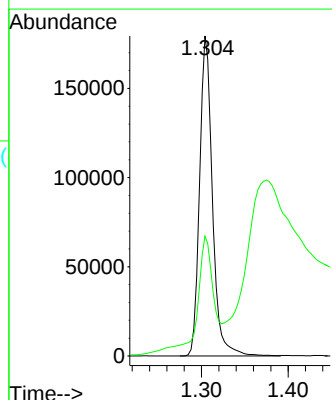
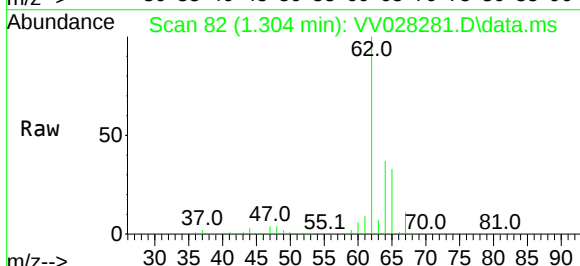
Acq: 03 Oct 2022 16:22

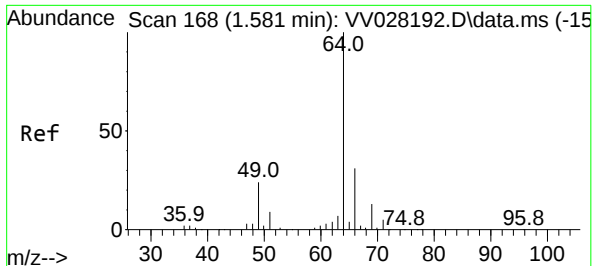
Tgt Ion: 62 Resp: 184422

Ion Ratio Lower Upper

62 100

64 37.4 23.0 42.8

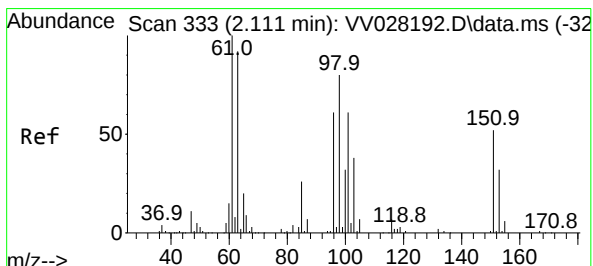
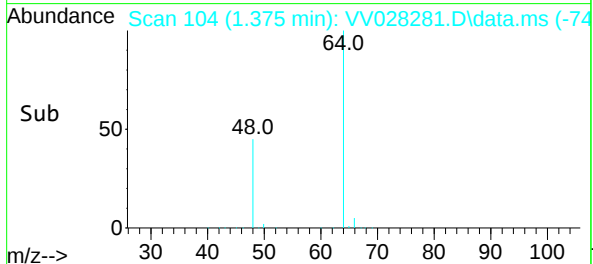
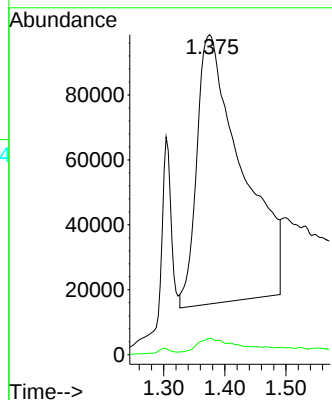
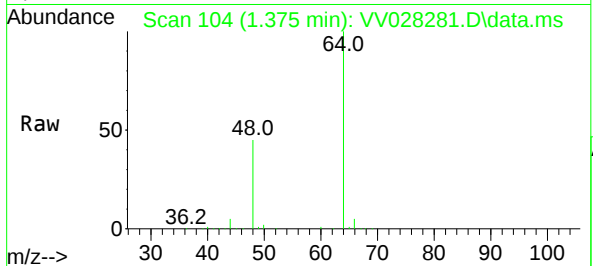




#8
Chloroethane
Concen: 40.920 ug/L
RT: 1.375 min Scan# 104
Delta R.T. -0.202 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

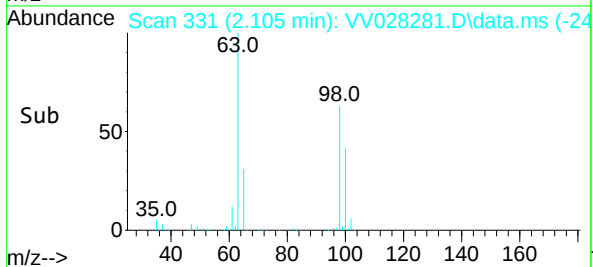
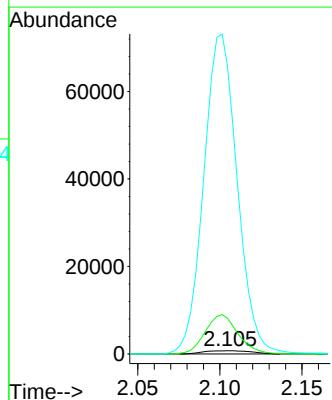
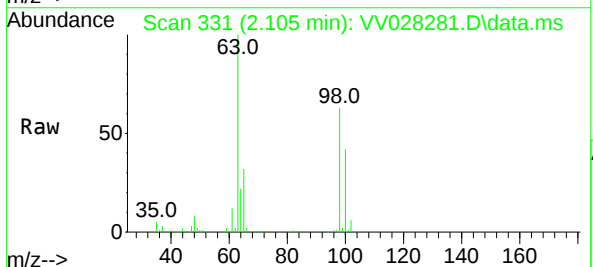
Instrument :
MSVOA_V
ClientSampleId :

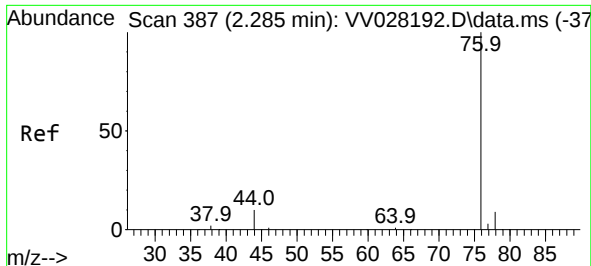
Tgt Ion: 64 Resp: 424028
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.113 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

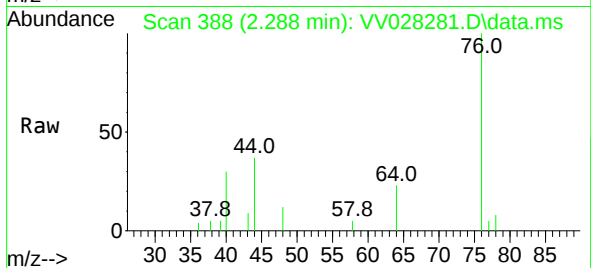
Tgt Ion: 96 Resp: 1473
Ion Ratio Lower Upper
96 100
61 1125.9 128.3 238.3#
63 9048.0 112.7 209.3#



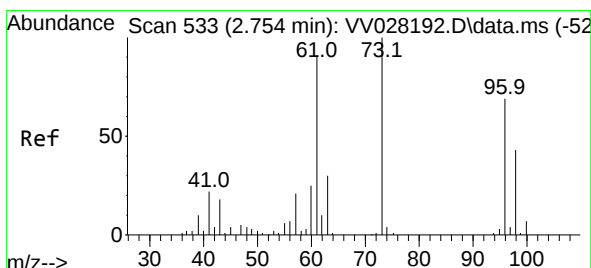
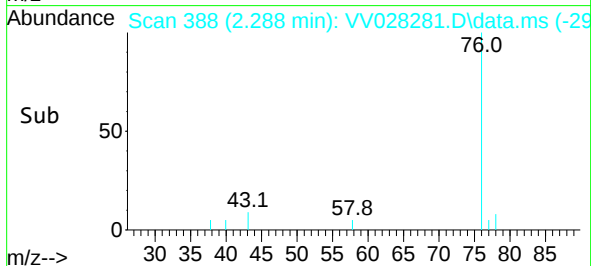
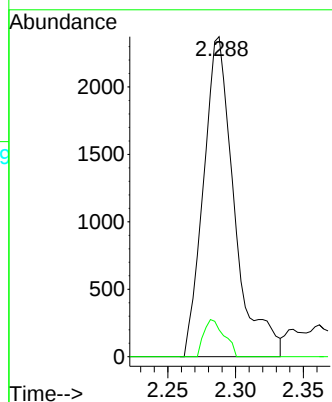


#14
Carbon disulfide
Concen: 0.093 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

Instrument :
MSVOA_V
ClientSampleId :

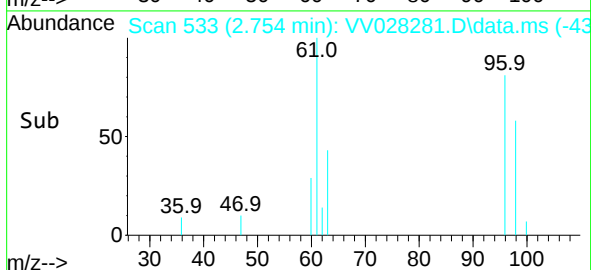
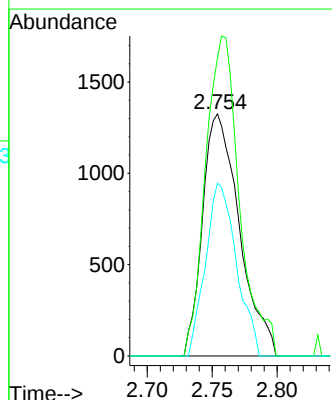
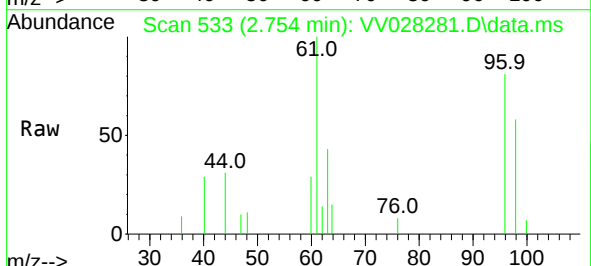


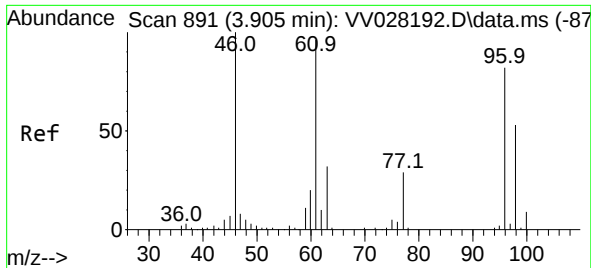
Tgt Ion: 76 Resp: 3766
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 0.193 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

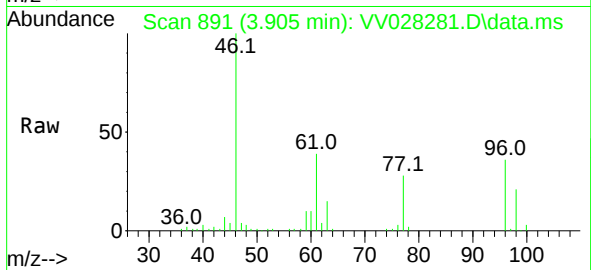
Tgt Ion: 96 Resp: 2610
Ion Ratio Lower Upper
96 100
61 123.2 96.2 178.6
98 71.4 45.7 84.9



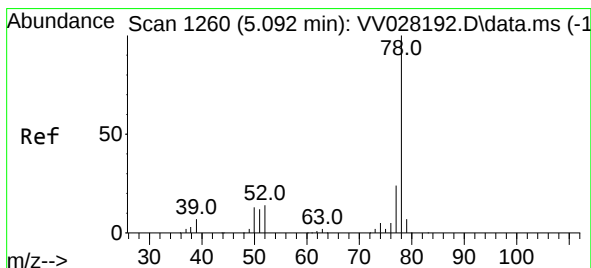
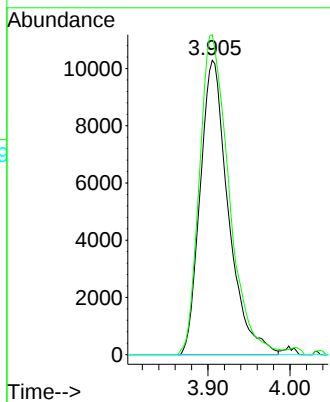
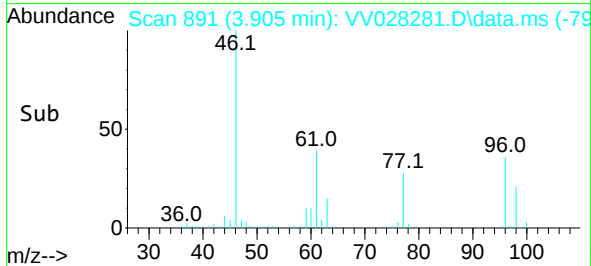


#22
 cis-1,2-Dichloroethene
 Concen: 1.800 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028281.D
 Acq: 03 Oct 2022 16:22

Instrument :
 MSVOA_V
 ClientSampleId :

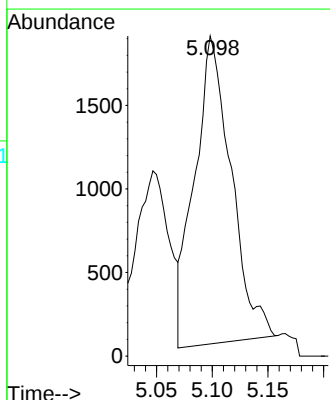
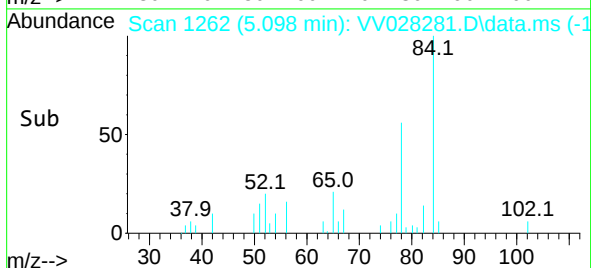
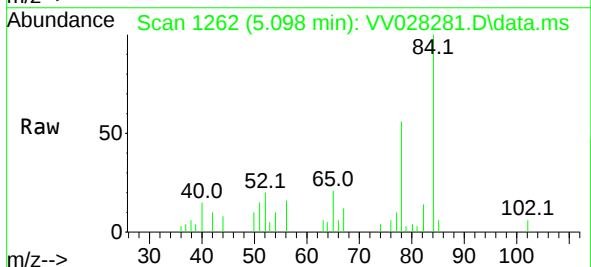


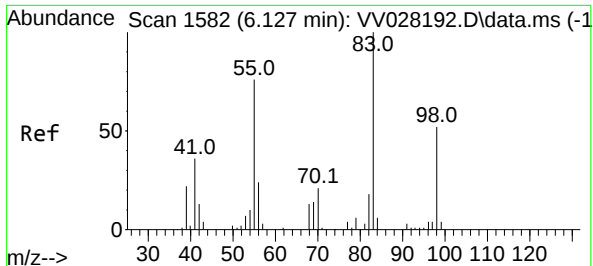
Tgt Ion: 96 Resp: 24530
 Ion Ratio Lower Upper
 96 100
 61 108.7 87.2 161.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.078 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.007 min
 Lab File: VV028281.D
 Acq: 03 Oct 2022 16:22

Tgt Ion: 78 Resp: 4203





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.066 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028281.D

Acq: 03 Oct 2022 16:22

Instrument :

MSVOA_V

ClientSampleId :

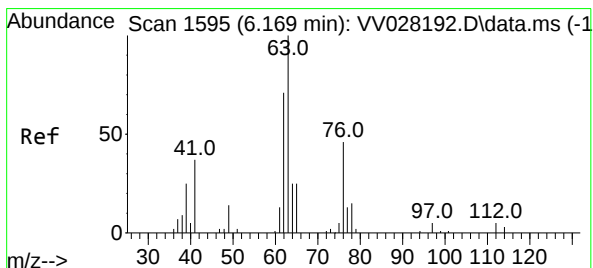
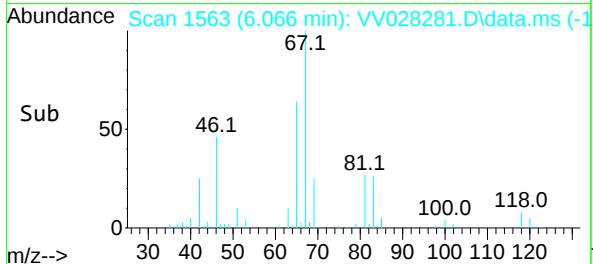
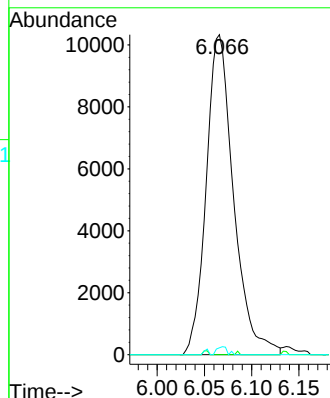
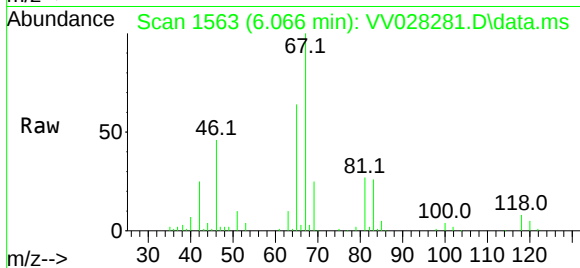
Tgt Ion: 83 Resp: 20807

Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 0.9 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV028281.D

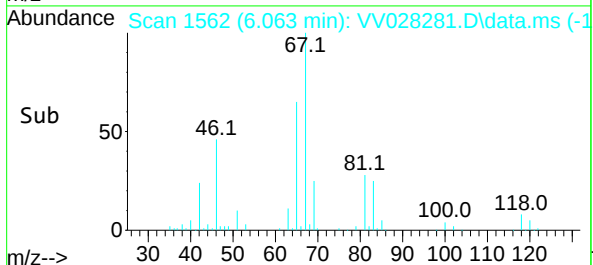
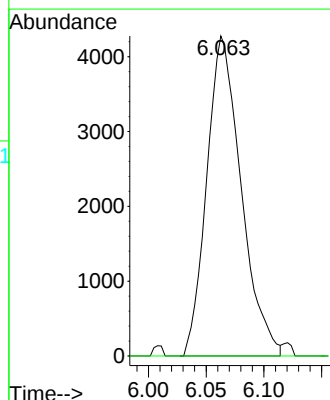
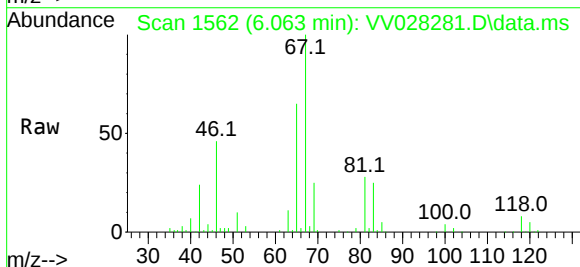
Acq: 03 Oct 2022 16:22

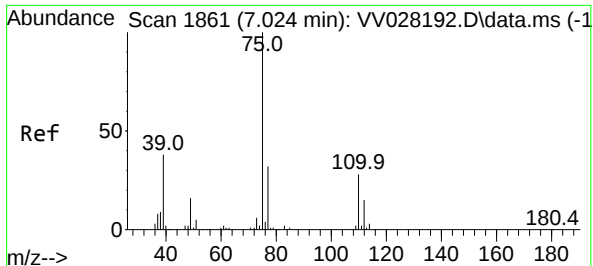
Tgt Ion: 63 Resp: 8857

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#

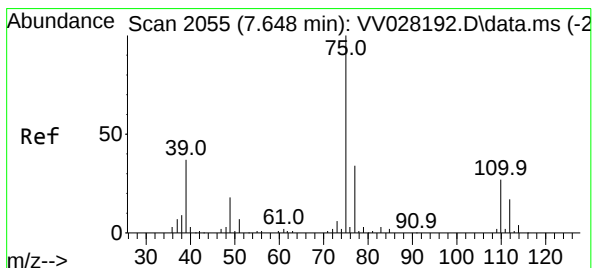
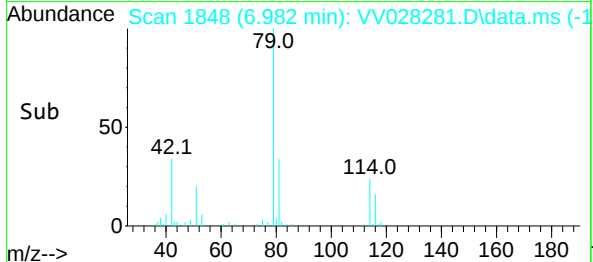
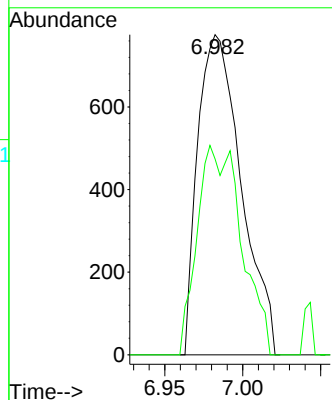
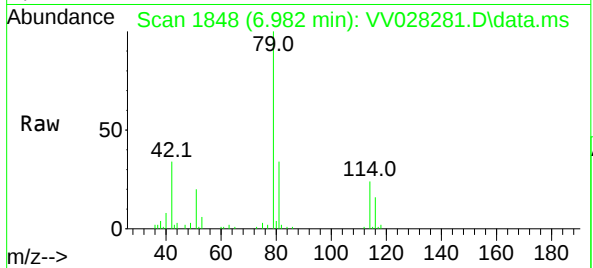




#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.982 min Scan# 11
Delta R.T. -0.042 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

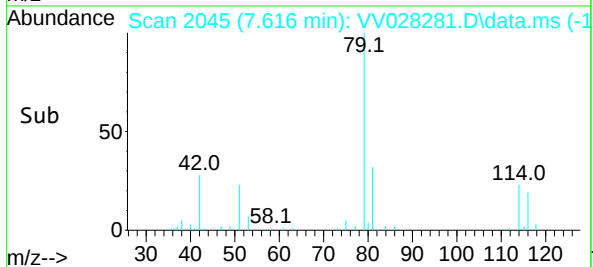
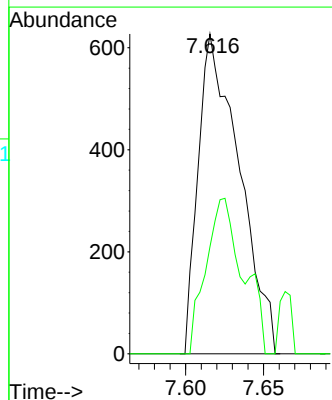
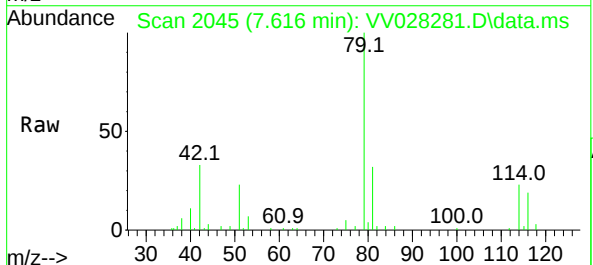
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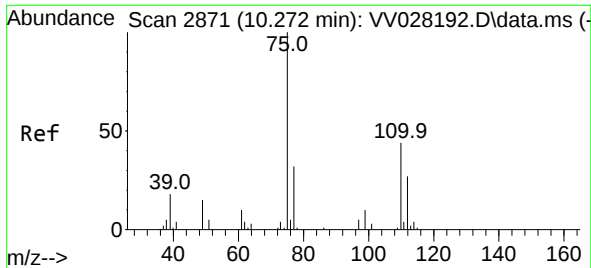
Tgt Ion: 75 Resp: 1505
Ion Ratio Lower Upper
75 100
77 61.2 22.4 41.6#



#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.032 min
Lab File: VV028281.D
Acq: 03 Oct 2022 16:22

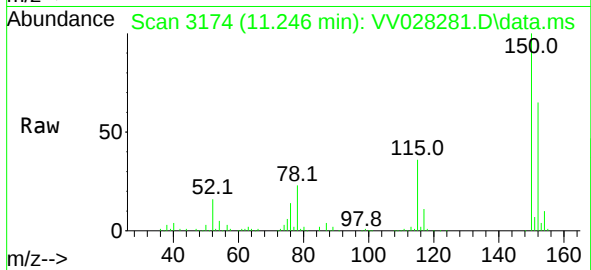
Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 33.5 23.9 44.3





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.975 min
 Lab File: VV028281.D
 Acq: 03 Oct 2022 16:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.7	40.1
110	1.4	30.1	45.1

