

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028283.D
 Acq On : 03 Oct 2022 17:10
 Operator : SY/MD
 Sample : N4870-09DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:45:44 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)

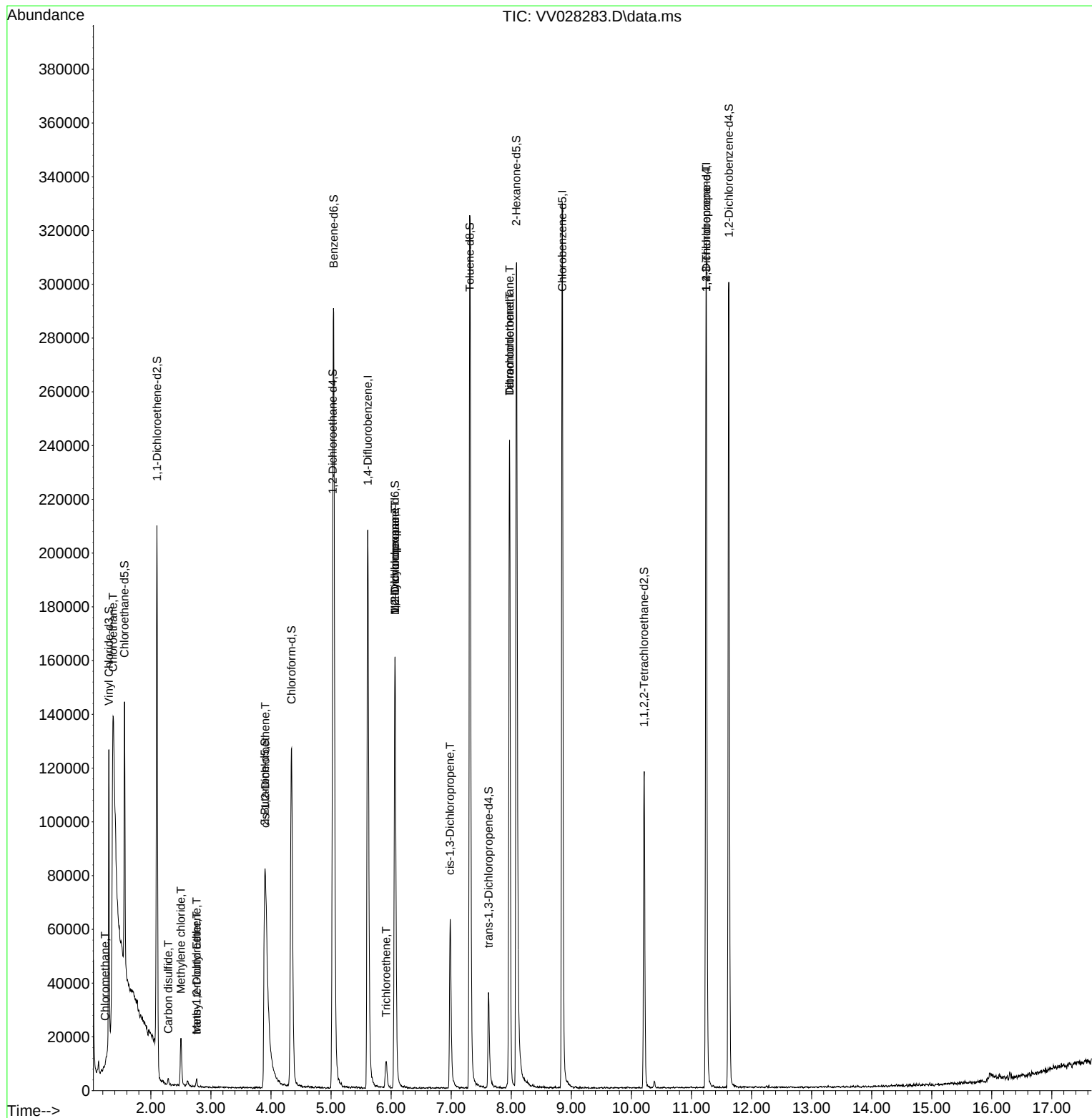
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	194850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70484	4.814	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.561	69	63540	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.102	63	101040	3.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.899	46	146239	59.035	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.080%
24) Chloroform-d	4.343	84	139830	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.027	65	65254	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.043	84	280911	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.066	67	83864	5.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.310	98	230100	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	22941	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.085	63	119925	49.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59633	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	81960	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	677	0.046	ug/L	95
8) Chloroethane	1.372	64	410830	36.856	ug/L #	50
14) Carbon disulfide	2.288	76	3146	0.072	ug/L #	94
16) Methylene chloride	2.500	84	7680	0.488	ug/L	89
17) Methyl tert-butyl Ether	2.761	73	1030	0.036	ug/L #	84
18) trans-1,2-Dichloroethene	2.761	96	606	0.042	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	3267	0.223	ug/L	97
34) Trichloroethene	5.918	95	3874	0.266	ug/L	90
35) Methylcyclohexane	6.063	83	20376	0.856	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8771	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1614	0.084	ug/L #	40
47) Tetrachloroethene	7.973	164	57857	4.538	ug/L	99
49) Dibromochloromethane	7.973	129	51757	4.086	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8927	1.287	ug/L #	66

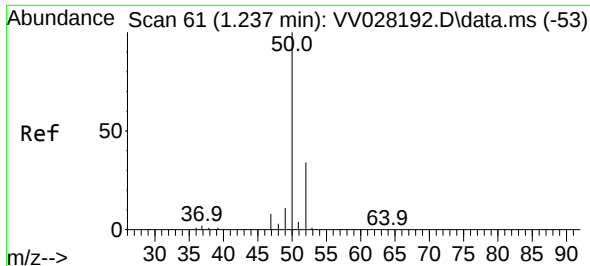
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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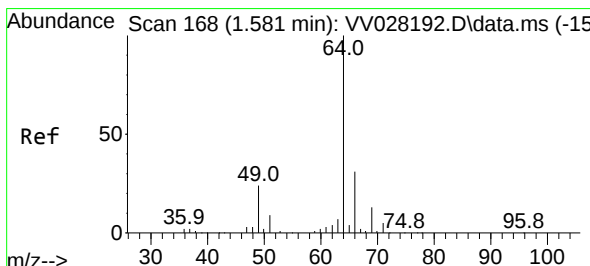
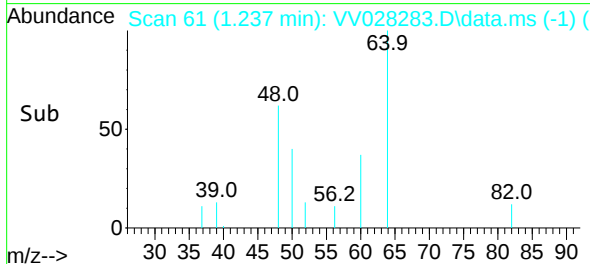
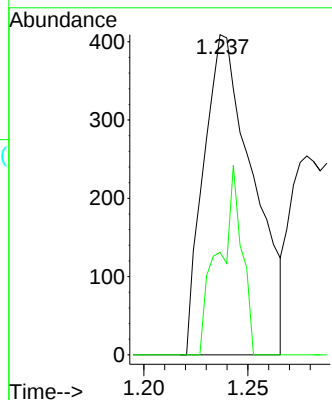
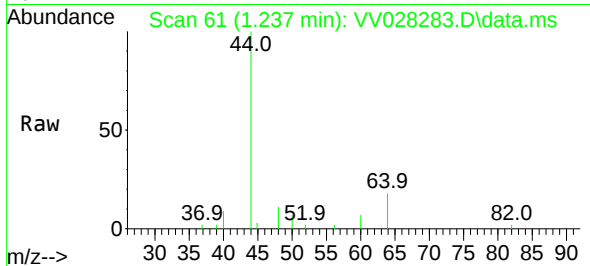




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

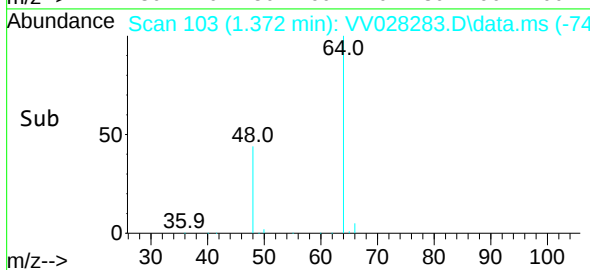
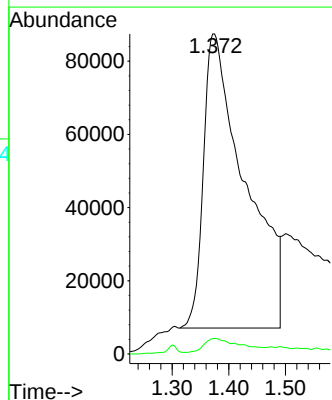
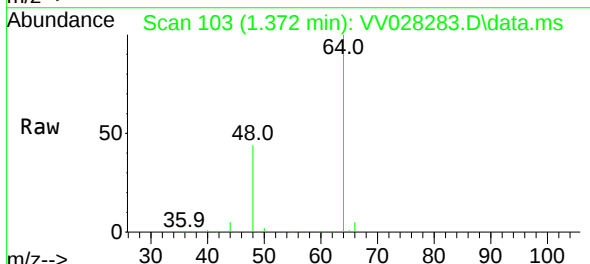
Instrument :
MSVOA_V
ClientSampleId :

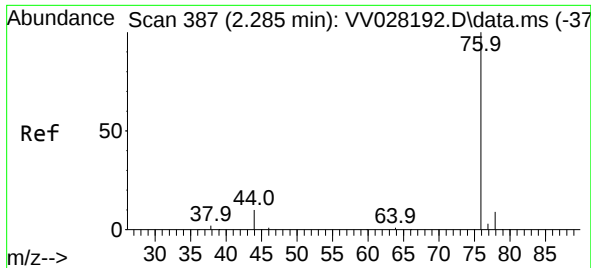
Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 32.0 24.4 45.2



#8
Chloroethane
Concen: 36.856 ug/L
RT: 1.372 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

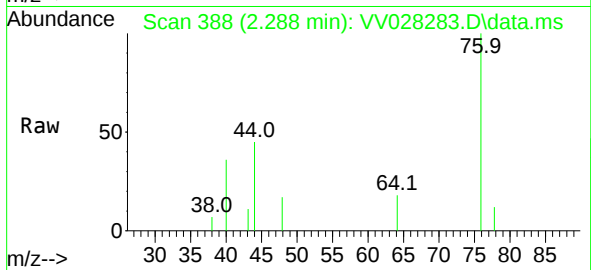
Tgt Ion: 64 Resp: 410830
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#



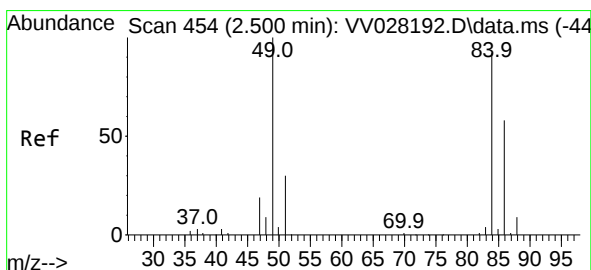
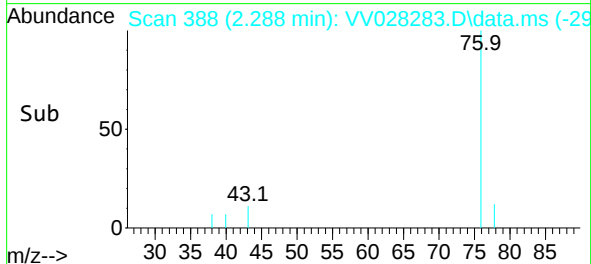
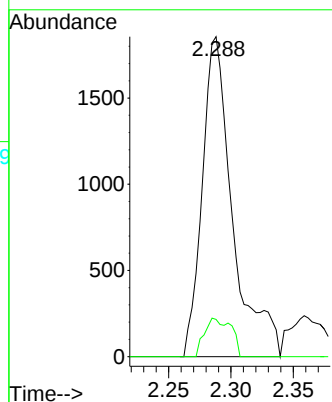


#14
Carbon disulfide
Concen: 0.072 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :

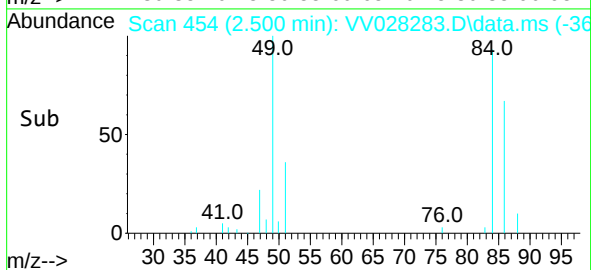
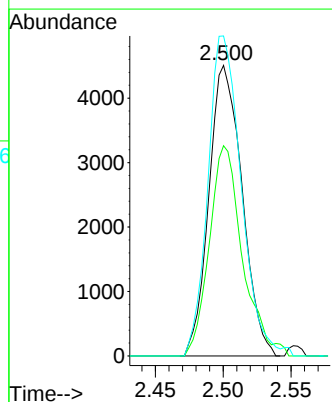
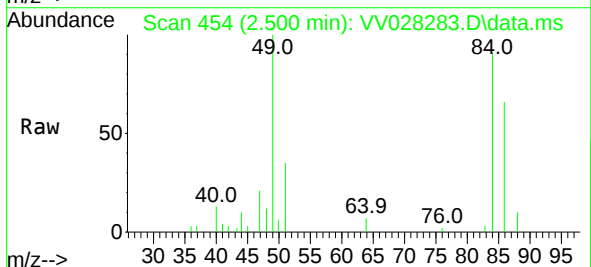


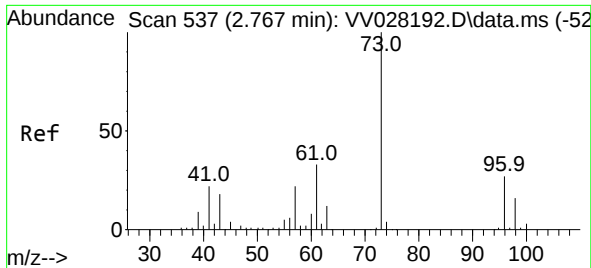
Tgt Ion: 76 Resp: 3146
Ion Ratio Lower Upper
76 100
78 11.6 7.6 11.4#



#16
Methylene chloride
Concen: 0.488 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

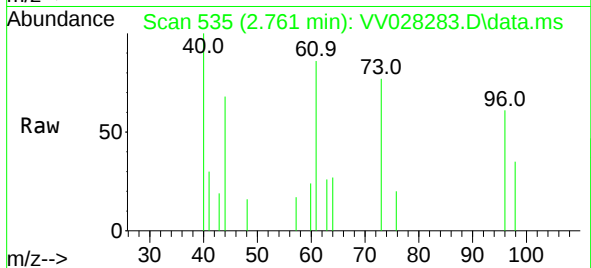
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Ion Ratio Lower Upper
84 100
86 72.4 46.8 86.8
49 110.1 87.5 162.5



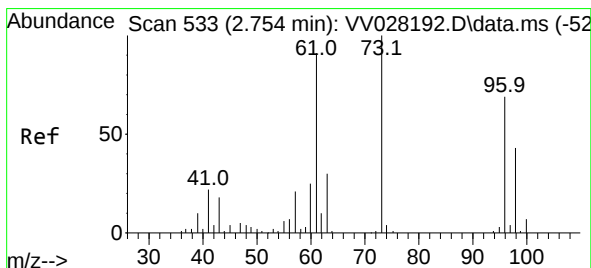
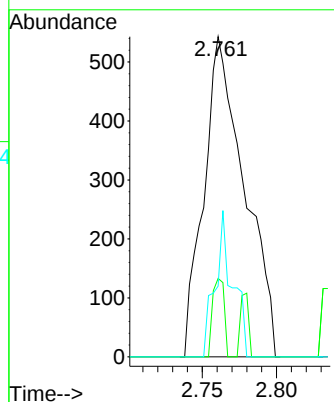
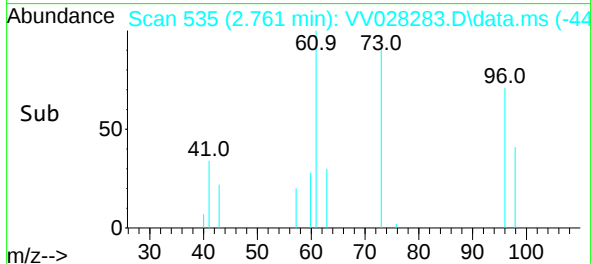


#17
Methyl tert-butyl Ether
Concen: 0.036 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

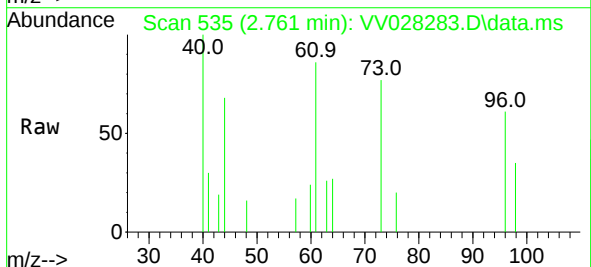
Instrument :
MSVOA_V
ClientSampleId :



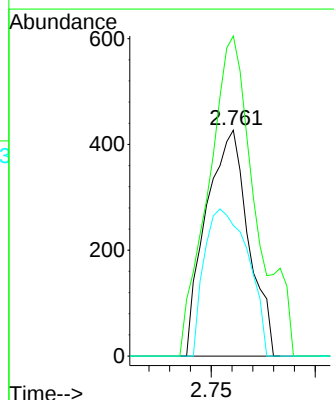
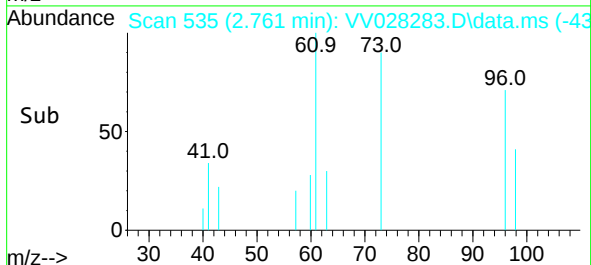
Tgt Ion: 73 Resp: 1030
Ion Ratio Lower Upper
73 100
43 7.0 15.7 23.5#
57 19.6 17.8 26.8

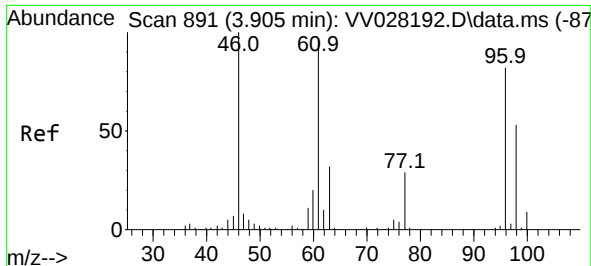


#18
trans-1,2-Dichloroethene
Concen: 0.042 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10



Tgt Ion: 96 Resp: 606
Ion Ratio Lower Upper
96 100
61 141.7 96.2 178.6
98 57.8 45.7 84.9

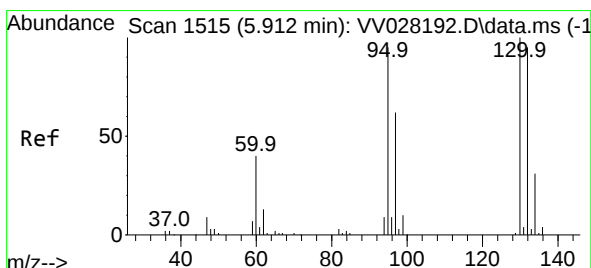
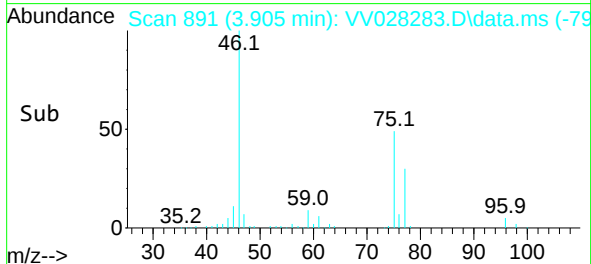
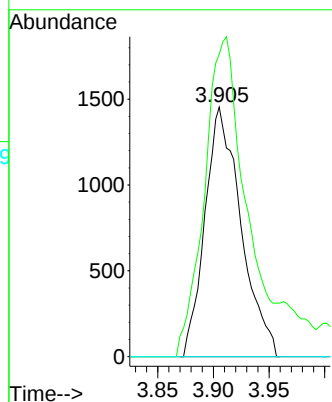
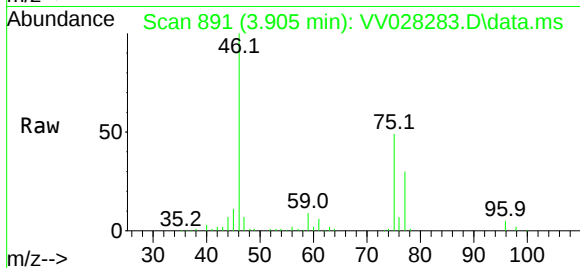




#22
cis-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

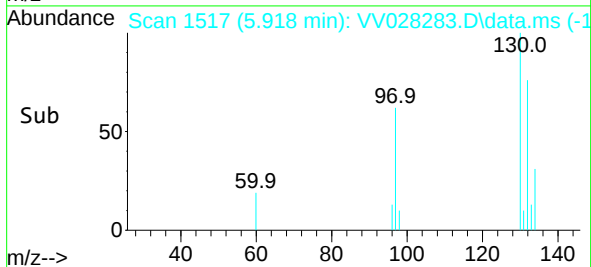
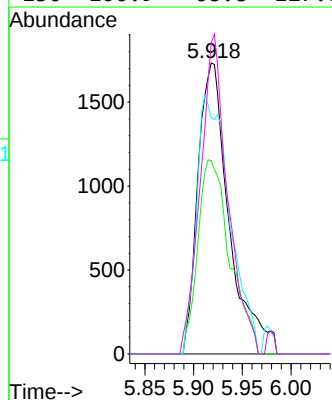
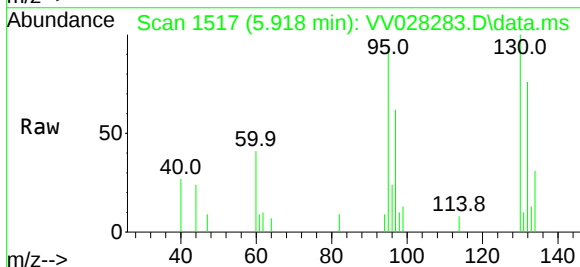
Instrument :
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ClientSampleId :

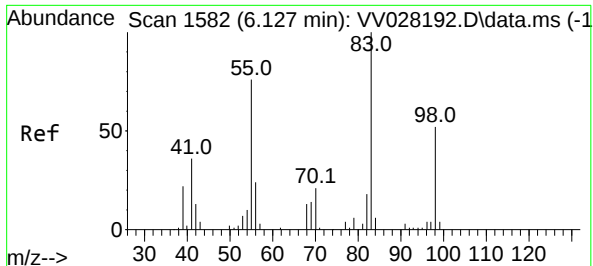
Tgt Ion: 96 Resp: 3267
Ion Ratio Lower Upper
96 100
61 121.2 87.2 161.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.266 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

Tgt Ion: 95 Resp: 3874
Ion Ratio Lower Upper
95 100
97 66.3 44.2 82.0
132 81.1 67.8 126.0
130 106.9 68.8 127.8

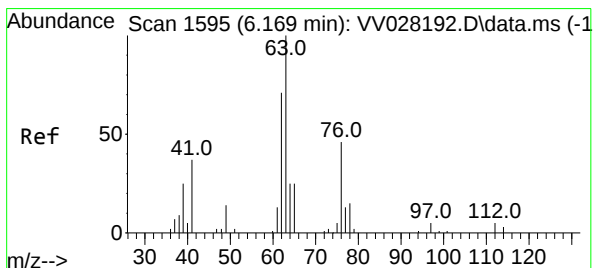
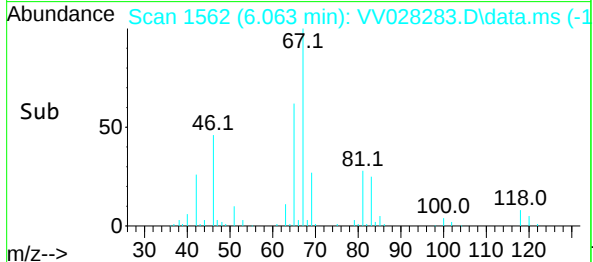
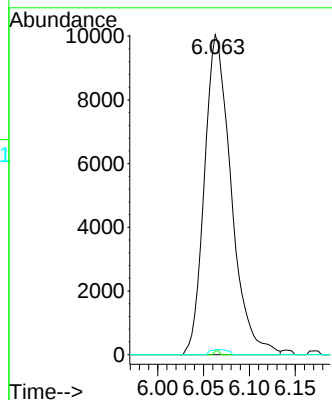
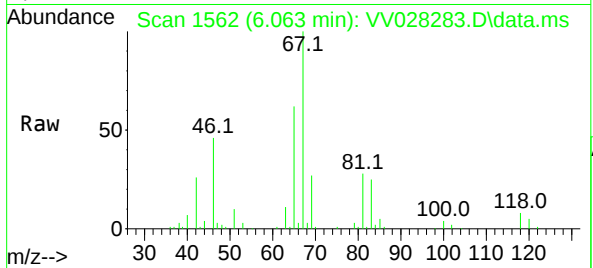




#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

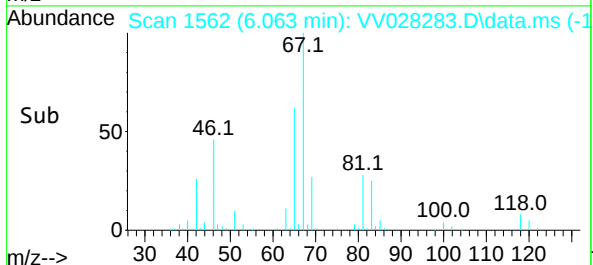
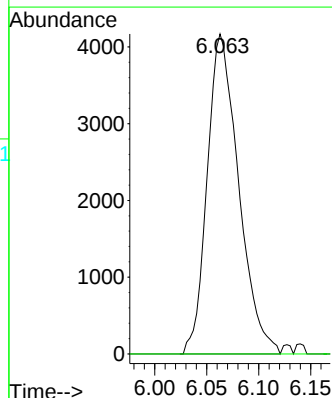
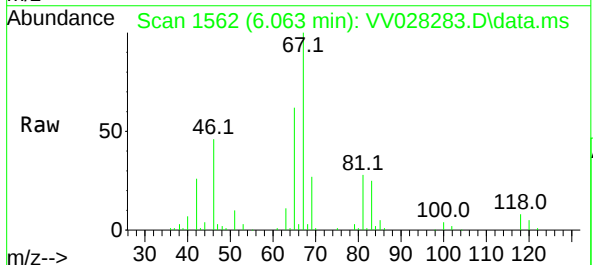
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ClientSampleId :

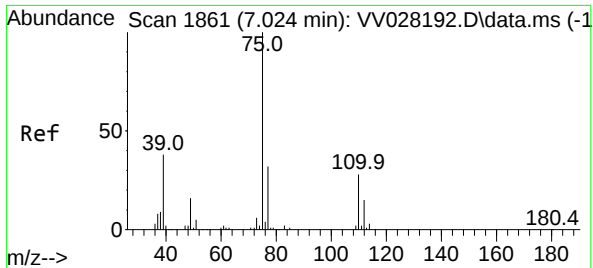
Tgt Ion: 83 Resp: 20376
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 1.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV028283.D
Acq: 03 Oct 2022 17:10

Tgt Ion: 63 Resp: 8771
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

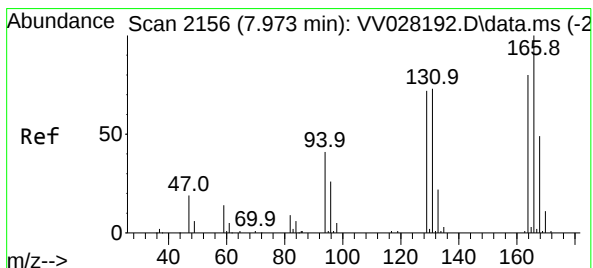
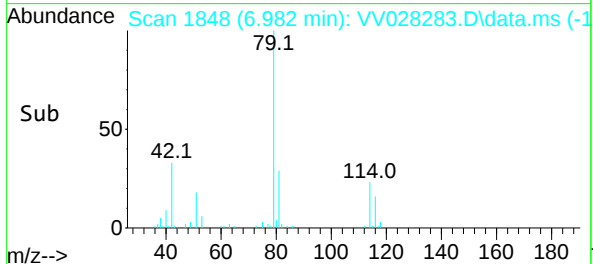
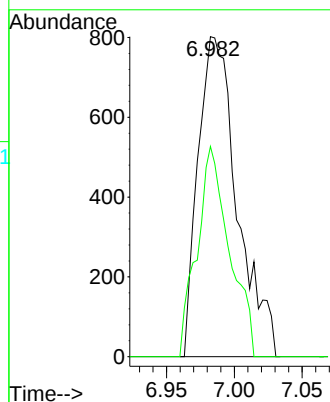
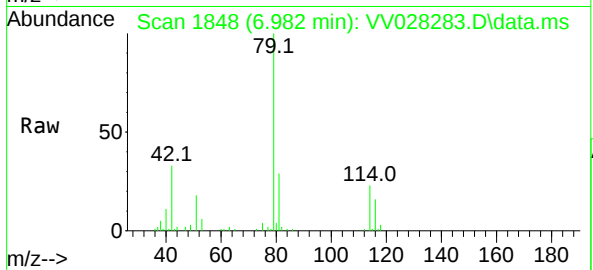




#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 6.982 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV028283.D
 Acq: 03 Oct 2022 17:10

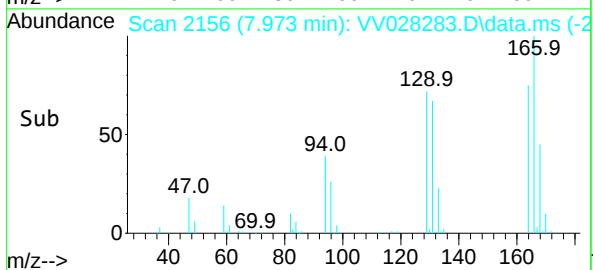
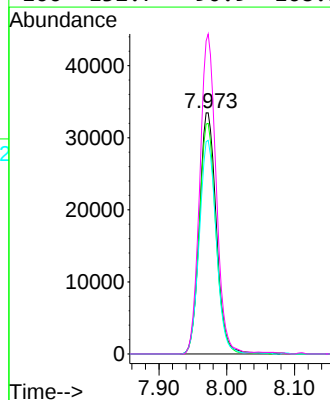
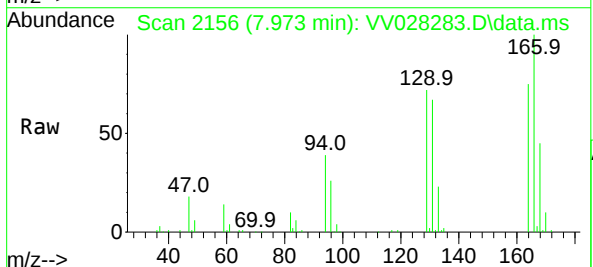
Instrument :
 MSVOA_V
 ClientSampleId :

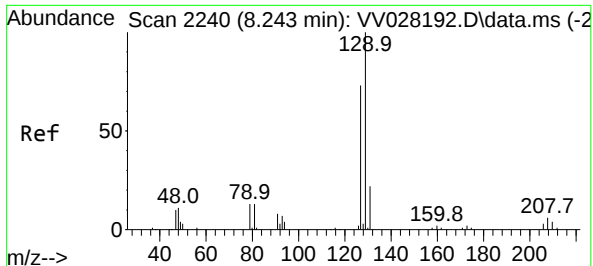
Tgt Ion: 75 Resp: 1614
 Ion Ratio Lower Upper
 75 100
 77 65.7 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 4.538 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.004 min
 Lab File: VV028283.D
 Acq: 03 Oct 2022 17:10

Tgt Ion: 164 Resp: 57857
 Ion Ratio Lower Upper
 164 100
 129 95.6 66.7 123.9
 131 88.6 61.7 114.5
 166 132.7 90.9 168.9





#49

Dibromochloromethane

Concen: 4.086 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV028283.D

Acq: 03 Oct 2022 17:10

Instrument :

MSVOA_V

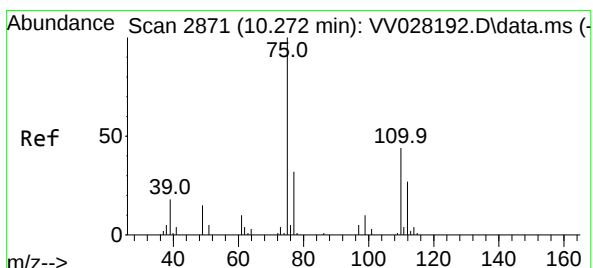
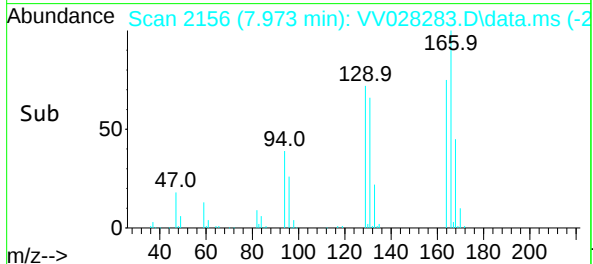
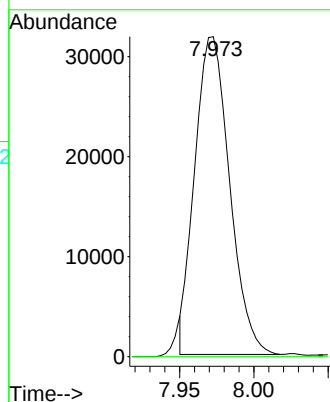
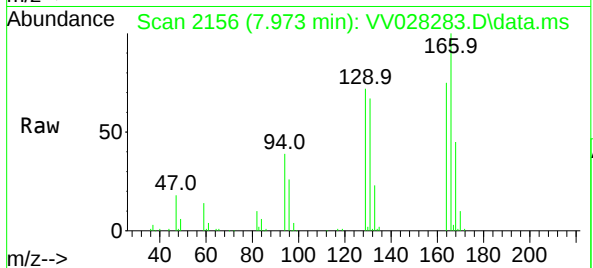
ClientSampleId :

Tgt Ion:129 Resp: 51757

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028283.D

Acq: 03 Oct 2022 17:10

Tgt Ion: 75 Resp: 8927

Ion Ratio Lower Upper

75 100

77 31.9 26.7 40.1

110 0.5 30.1 45.1#

