

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022002.D
 Acq On : 14 May 2021 18:18
 Operator : JC/MD
 Sample : M2395-12
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW6E7

Quant Time: May 14 23:40:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

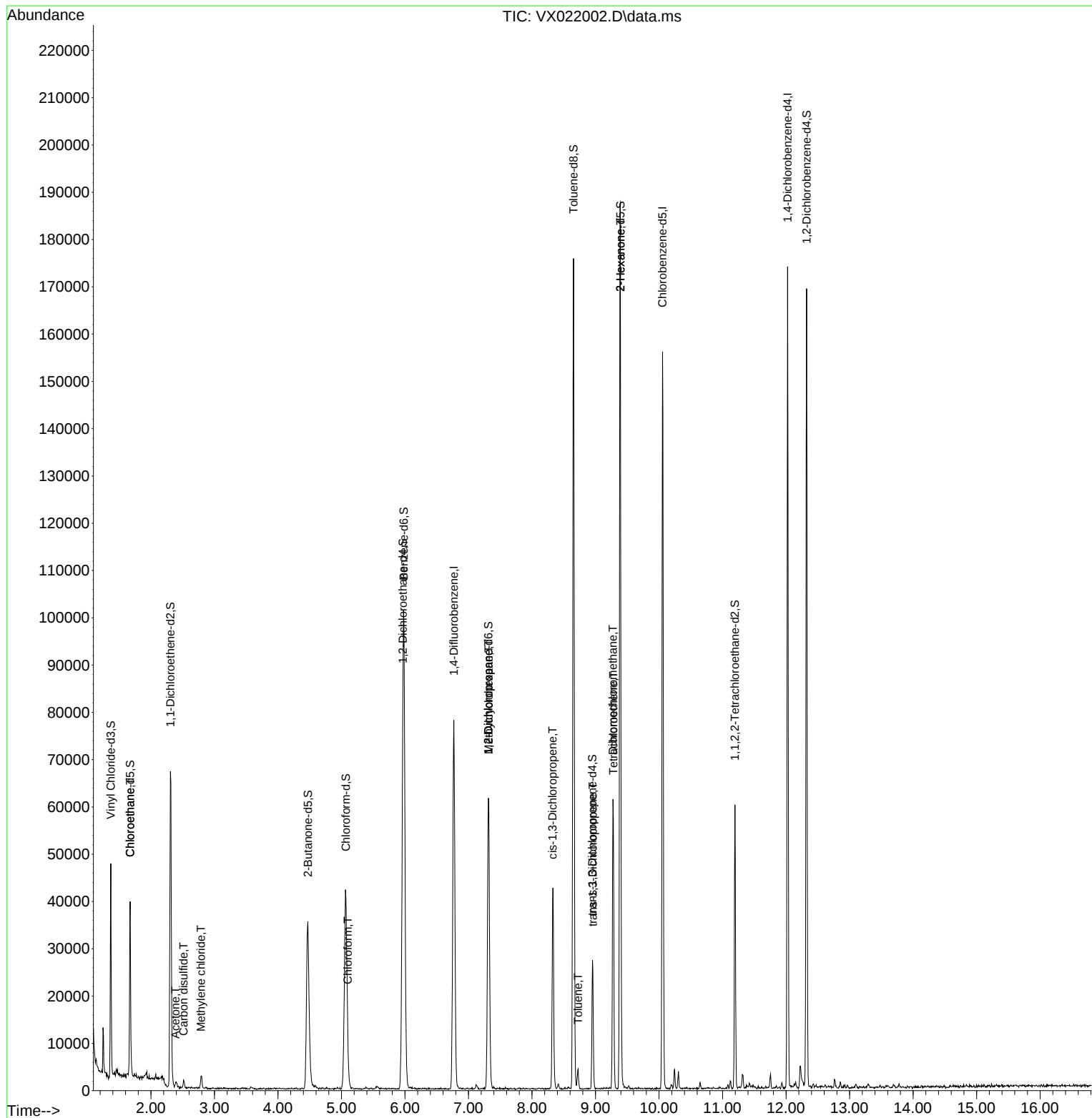
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	77461	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68817	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27213	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.672	69	21786	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.306	63	37804	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.471	46	64024	42.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.48%
24) Chloroform-d	5.068	84	49020	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.964	65	25234	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.983	84	107991	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	7.312	67	32217	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	8.653	98	100368	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.952	79	13072	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	9.391	63	57959	43.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.34%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21789	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	30985	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%
Target Compounds						Qvalue
8) Chloroethane	1.672	64	401	0.09	ug/L #	41
13) Acetone	2.386	43	1581	2.04	ug/L	94
14) Carbon disulfide	2.514	76	1728	0.10	ug/L #	92
16) Methylene chloride	2.788	84	1155	0.15	ug/L	78
25) Chloroform	5.099	83	1920	0.18	ug/L	77
35) Methylcyclohexane	7.318	83	7636	0.72	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	3520	0.61	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1151	0.13	ug/L #	41
42) Toluene	8.726	91	2711	0.11	ug/L #	74
44) trans-1,3-Dichloropropene	8.958	75	703	0.09	ug/L #	77
47) Tetrachloroethene	9.281	164	10583	2.56	ug/L	93
48) 2-Hexanone	9.391	43	6488	2.58	ug/L #	67
49) Dibromochloromethane	9.275	129	11221	2.41	ug/L #	11

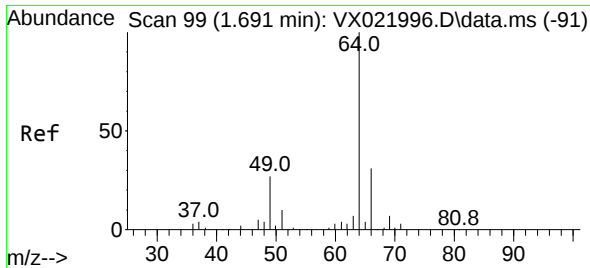
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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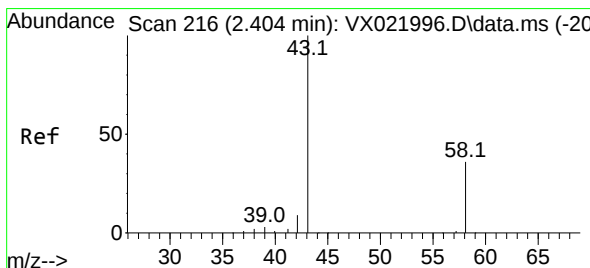
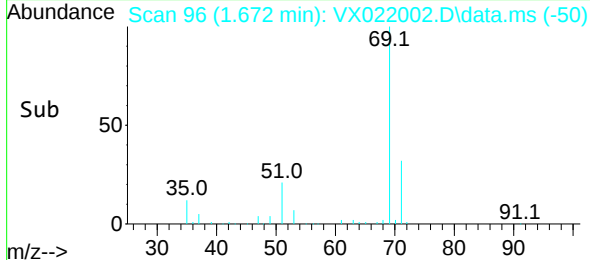
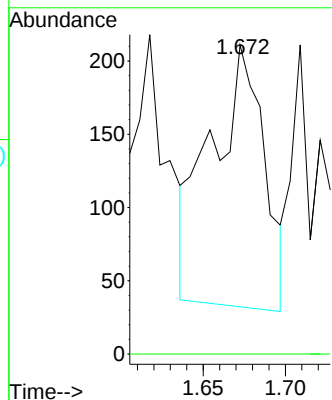
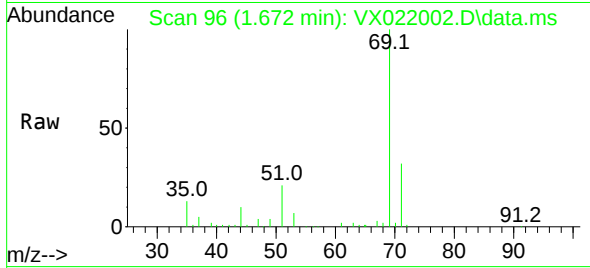




#8
Chloroethane
Concen: 0.09 ug/L
RT: 1.672 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

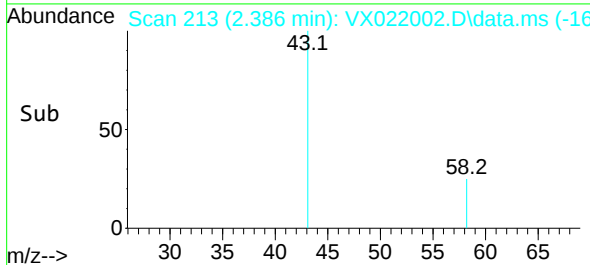
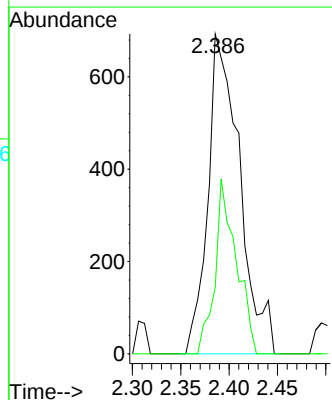
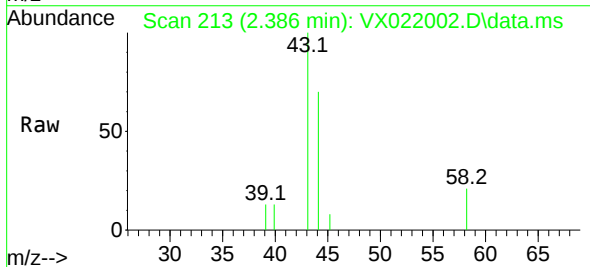
Instrument :
MSVOA_X
ClientSampled :
EW6E7

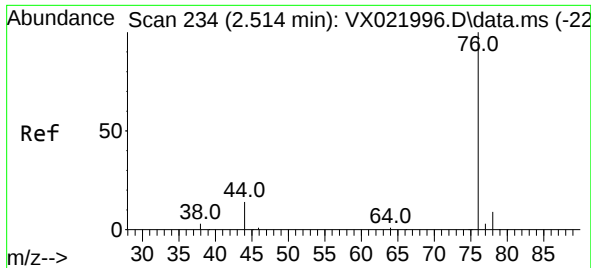
Tgt Ion: 64 Resp: 401
Ion Ratio Lower Upper
64 100
66 0.0 23.6 43.8#



#13
Acetone
Concen: 2.04 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 36.6 0.0 66.4

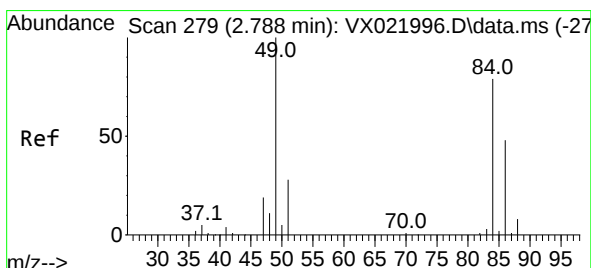
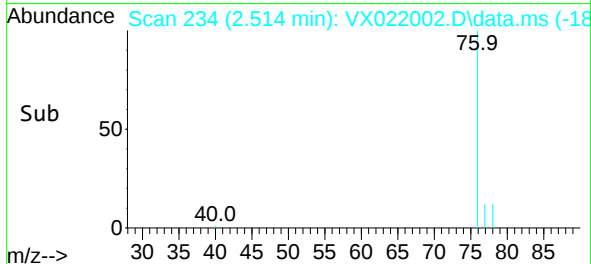
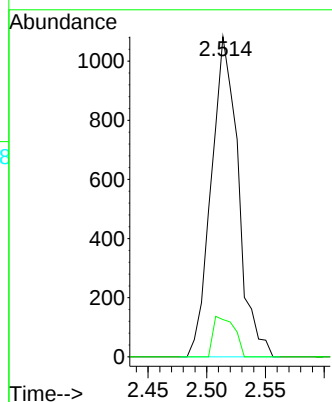
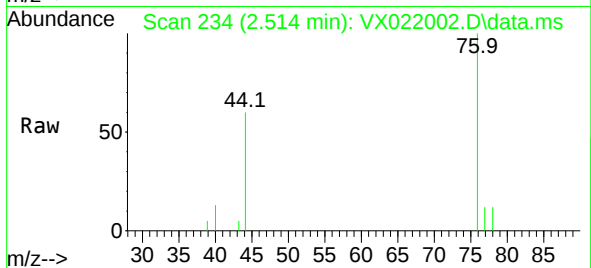




#14
Carbon disulfide
Concen: 0.10 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

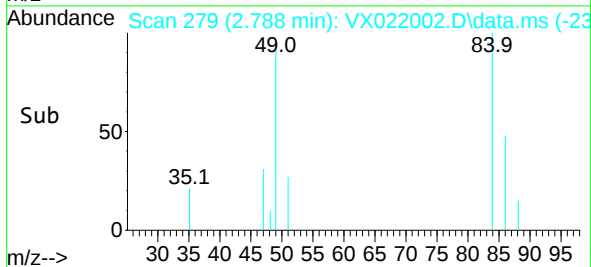
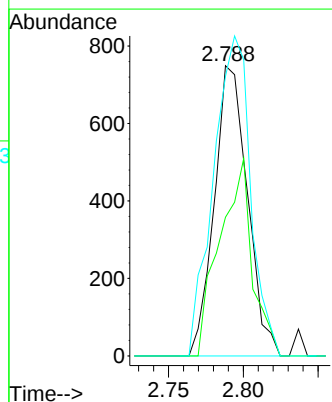
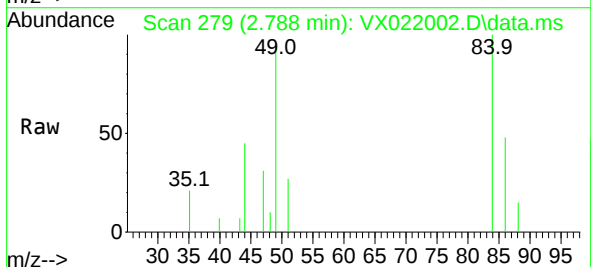
Instrument :
MSVOA_X
ClientSampled :
EW6E7

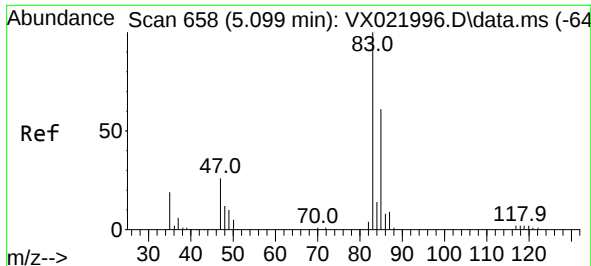
Tgt Ion: 76 Resp: 1728
Ion Ratio Lower Upper
76 100
78 11.6 7.1 10.7#



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

Tgt Ion: 84 Resp: 1155
Ion Ratio Lower Upper
84 100
86 47.8 46.3 86.1
49 96.4 84.4 156.7

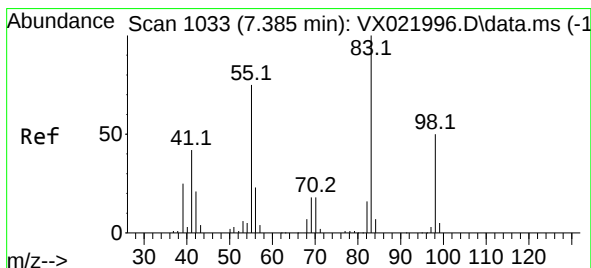
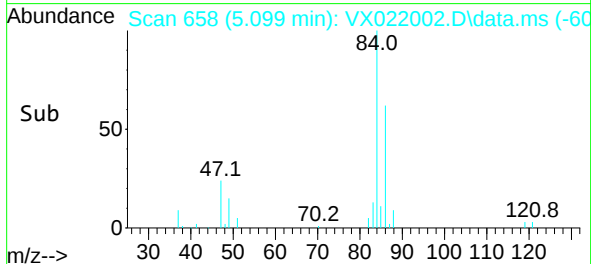
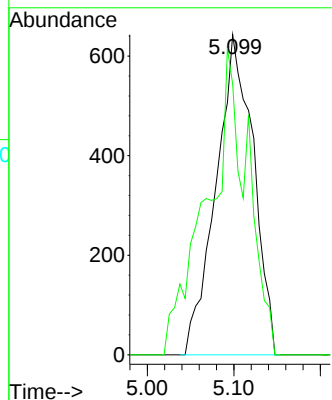
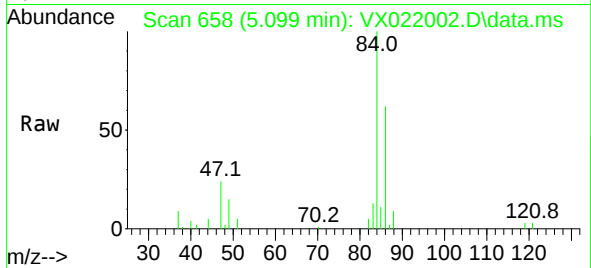




#25
Chloroform
Concen: 0.18 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

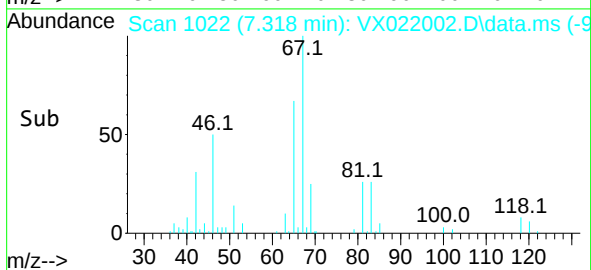
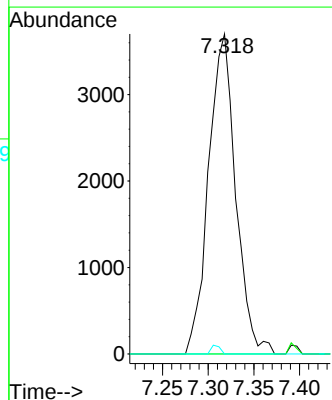
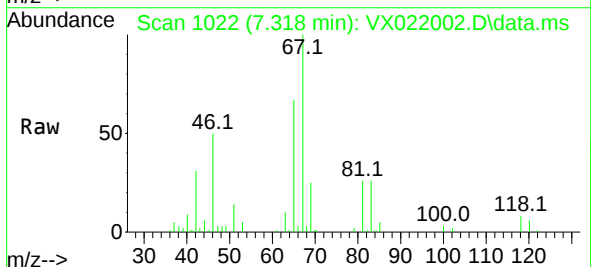
Instrument :
MSVOA_X
ClientSampled :
EW6E7

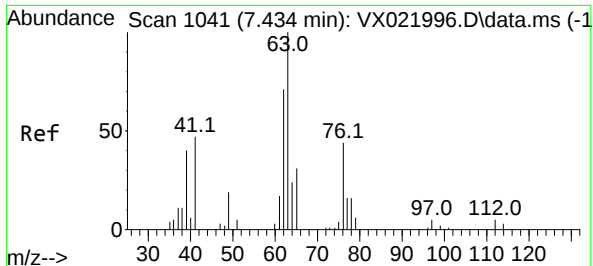
Tgt Ion: 83 Resp: 1920
Ion Ratio Lower Upper
83 100
85 84.6 46.3 86.1



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

Tgt Ion: 83 Resp: 7636
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 0.9 39.4 59.2#

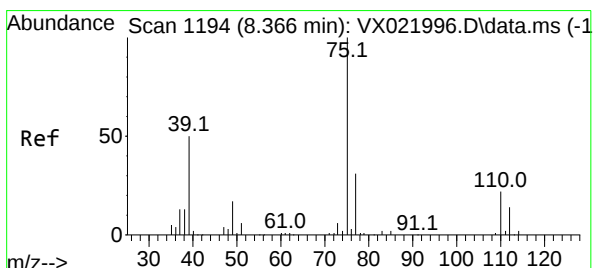
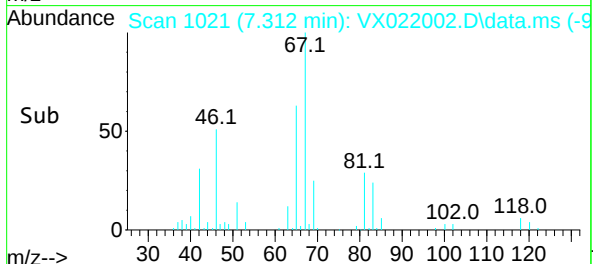
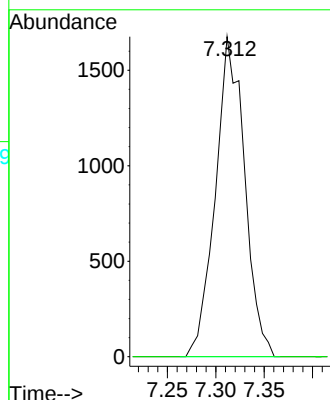
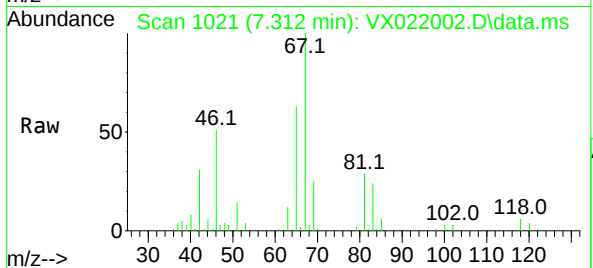




#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

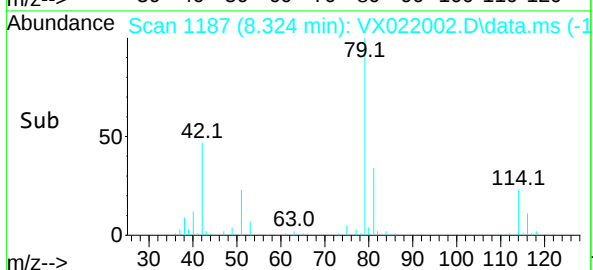
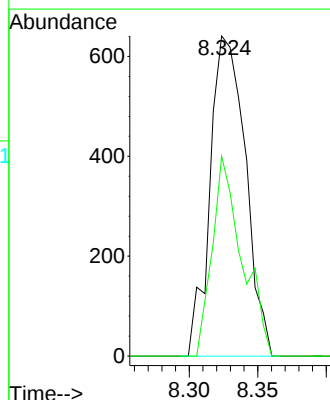
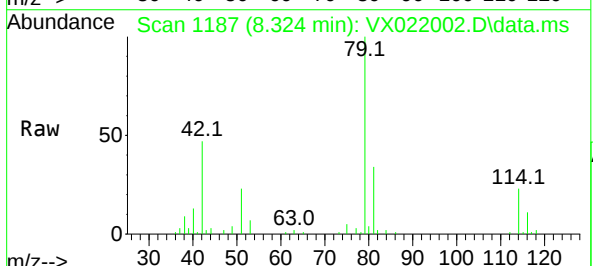
Instrument :
MSVOA_X
ClientSampleId :
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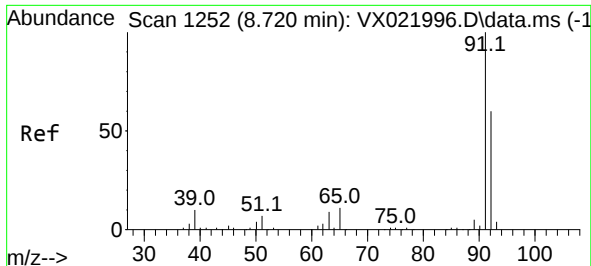
Tgt Ion: 63 Resp: 3520
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

Tgt Ion: 75 Resp: 1151
Ion Ratio Lower Upper
75 100
77 62.4 21.3 39.5#





#42

Toluene

Concen: 0.11 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX022002.D

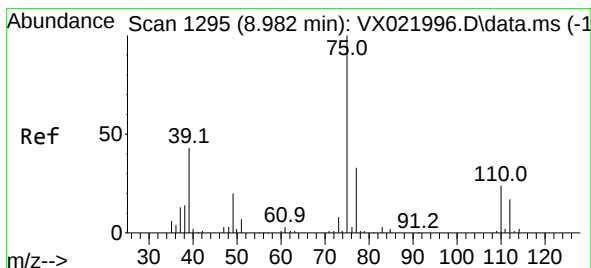
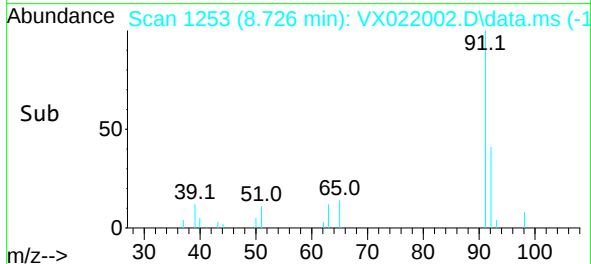
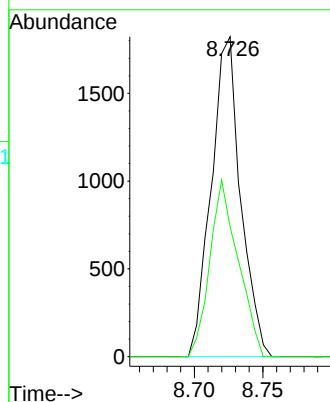
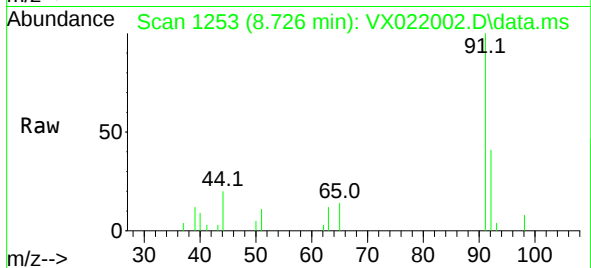
Acq: 14 May 2021 18:18

Tgt Ion: 91 Resp: 2711

Ion Ratio Lower Upper

91 100

92 40.5 42.1 78.3#



#44

trans-1,3-Dichloropropene

Concen: 0.09 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX022002.D

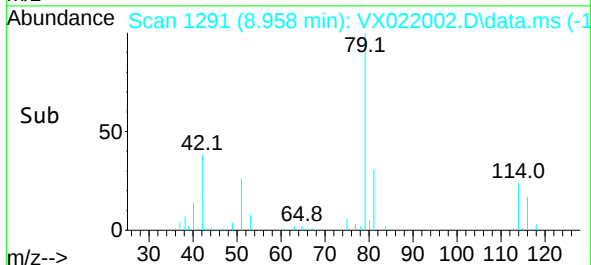
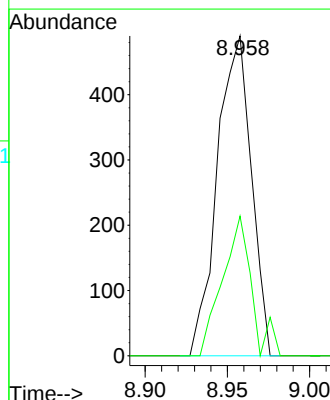
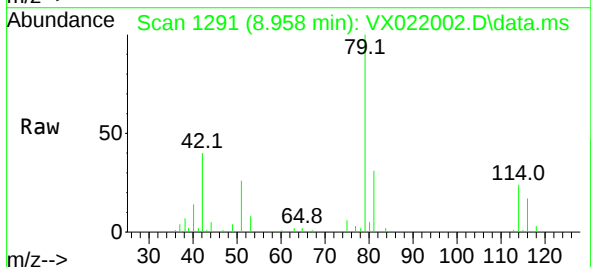
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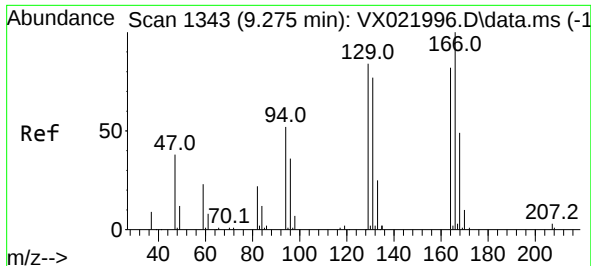
Tgt Ion: 75 Resp: 703

Ion Ratio Lower Upper

75 100

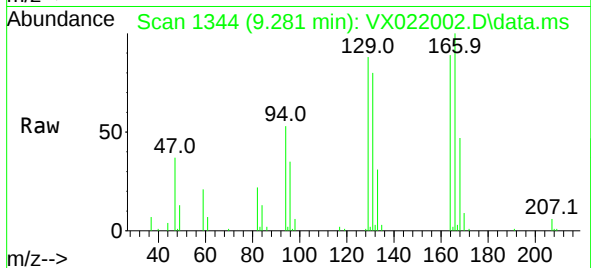
77 43.7 21.6 40.0#



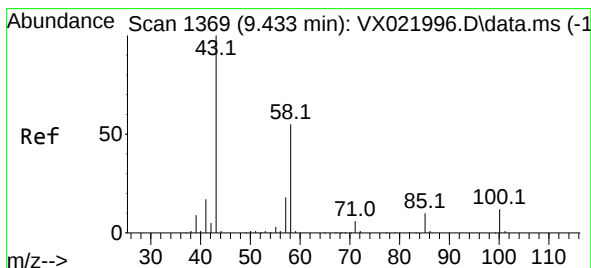
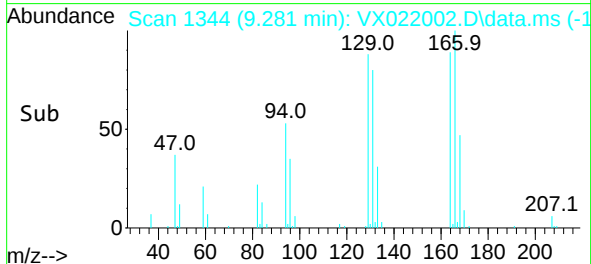
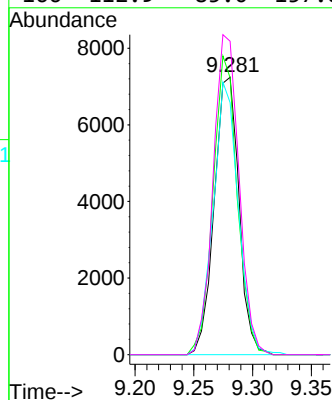


#47
Tetrachloroethene
Concen: 2.56 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

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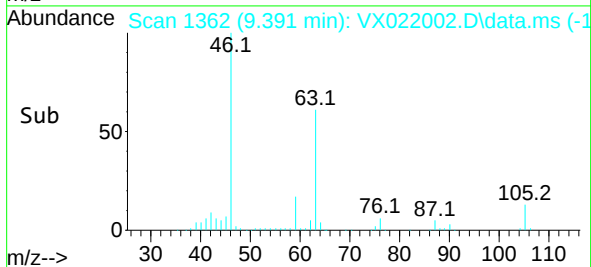
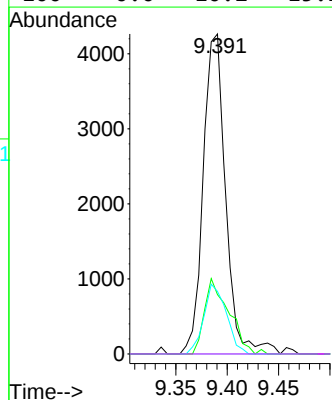
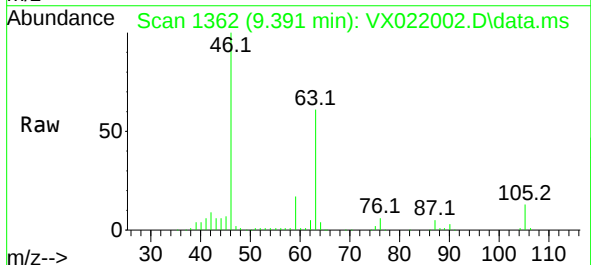


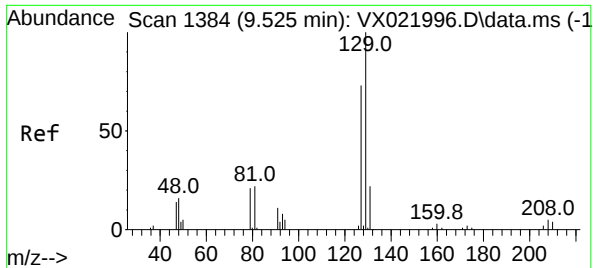
Tgt Ion:164 Resp: 10583
Ion Ratio Lower Upper
164 100
129 99.8 73.1 135.7
131 90.8 69.1 128.3
166 112.9 85.0 157.8



#48
2-Hexanone
Concen: 2.58 ug/L
RT: 9.391 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX022002.D
Acq: 14 May 2021 18:18

Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
58 25.7 44.6 67.0#
57 21.8 14.8 22.2
100 0.0 10.2 15.2#





#49

Dibromochloromethane

Concen: 2.41 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022002.D

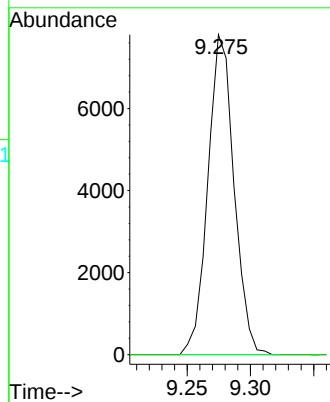
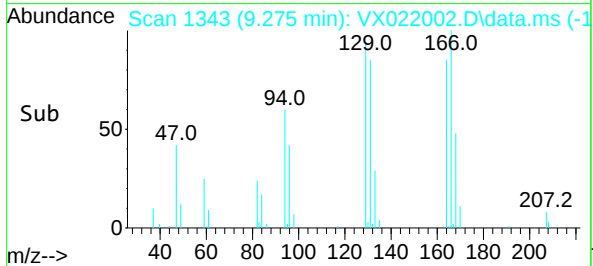
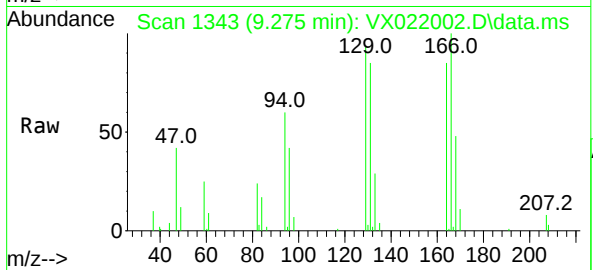
Acq: 14 May 2021 18:18

Tgt Ion:129 Resp: 11221

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



Instrument :
MSVOA_X
ClientSampleId :
EW6E7