

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022000.D
 Acq On : 14 May 2021 17:32
 Operator : JC/MD
 Sample : M2395-08
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW6E5

Quant Time: May 14 23:39:55 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)

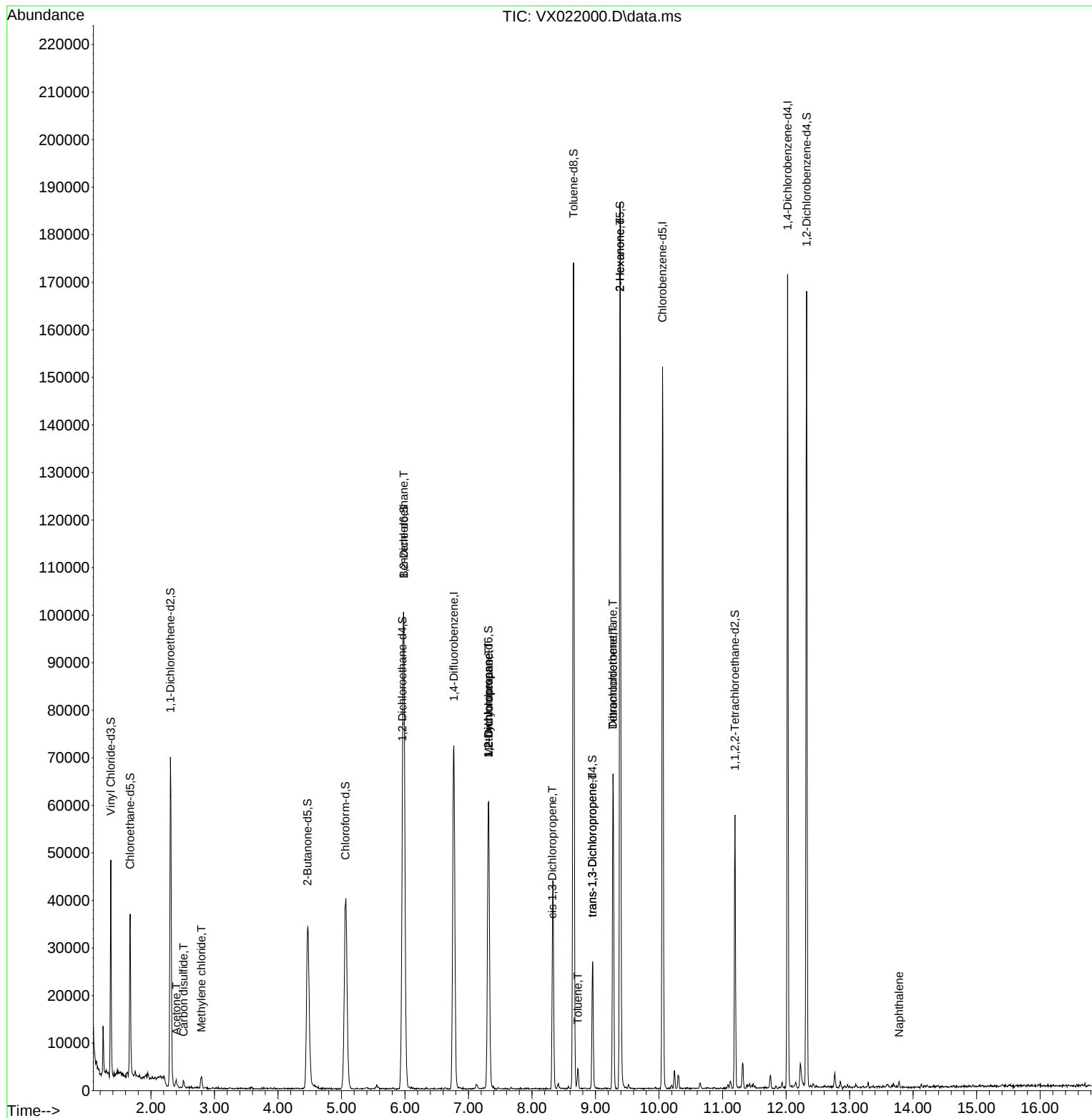
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73270	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66759	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30110	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27447	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.672	69	21172	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.307	63	37260	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.465	46	63797	44.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	5.062	84	48967	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.958	65	25685	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.983	84	106606	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.312	67	30953	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	8.653	98	98038	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.952	79	12743	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	9.385	63	56699	43.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.08%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21649	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	31336	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%
Target Compounds						Qvalue
13) Acetone	2.398	43	1882	2.57	ug/L	89
14) Carbon disulfide	2.514	76	1986	0.12	ug/L	97
16) Methylene chloride	2.794	84	1177	0.16	ug/L	89
27) 1,2-Dichloroethane	5.983	62	664	0.11	ug/L #	74
35) Methylcyclohexane	7.318	83	7894	0.77	ug/L #	18
37) 1,2-Dichloropropane	7.318	63	3613	0.64	ug/L #	85
39) cis-1,3-Dichloropropene	8.318	75	1085	0.12	ug/L	98
42) Toluene	8.720	91	2703	0.11	ug/L	99
44) trans-1,3-Dichloropropene	8.952	75	585	0.08	ug/L #	52
47) Tetrachloroethene	9.275	164	10677	2.66	ug/L	95
48) 2-Hexanone	9.385	43	6601	2.71	ug/L #	66
49) Dibromochloromethane	9.275	129	11568	2.57	ug/L #	11
71) Naphthalene	13.780	128	952	0.07	ug/L #	73

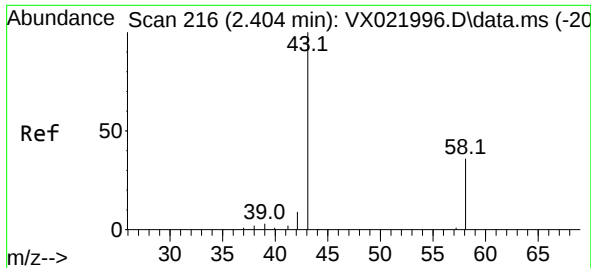
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

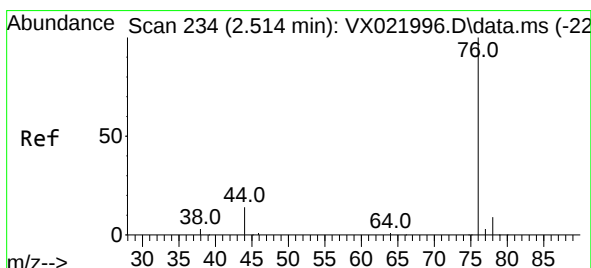
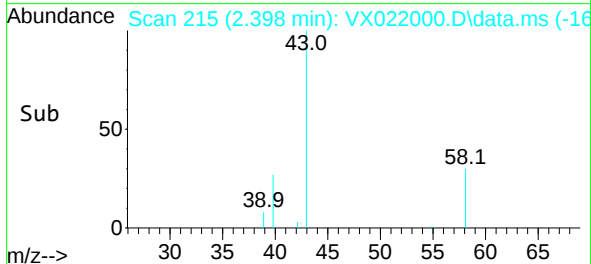
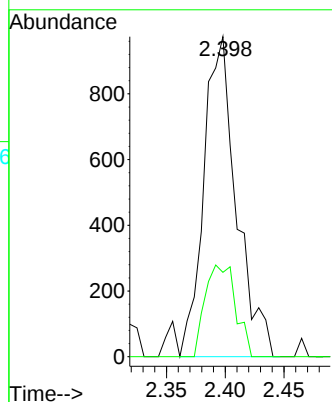
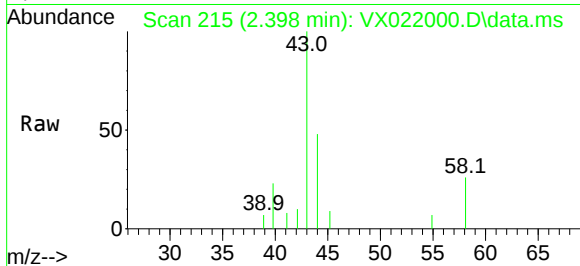




#13
Acetone
Concen: 2.57 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

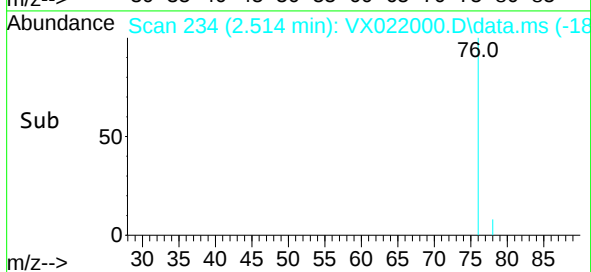
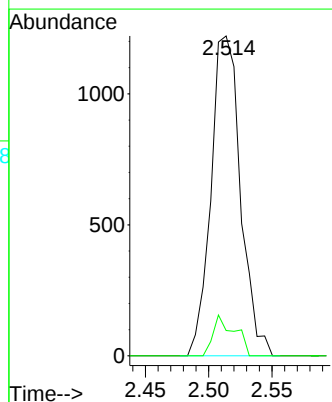
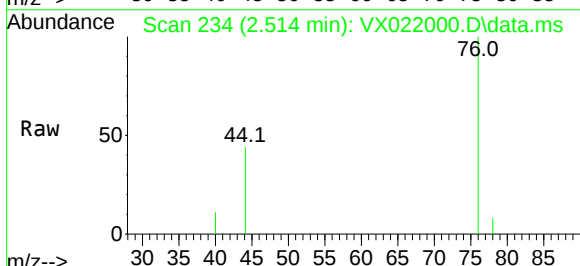
Instrument :
MSVOA_X
ClientSampleId :
EW6E5

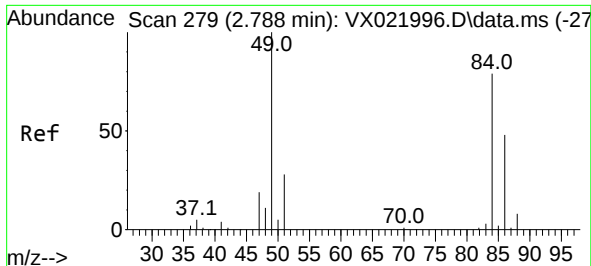
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 26.7 0.0 66.4



#14
Carbon disulfide
Concen: 0.12 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

Tgt Ion: 76 Resp: 1986
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7

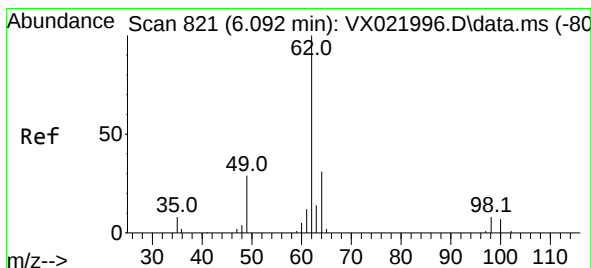
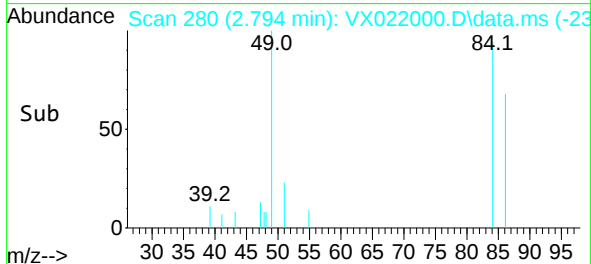
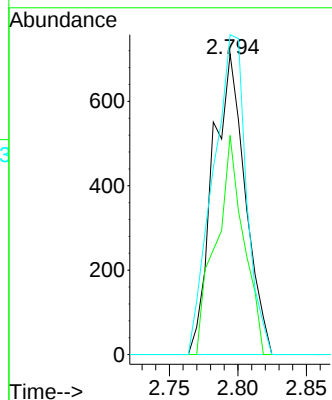
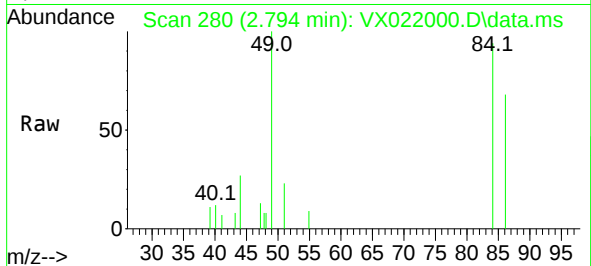




#16
Methylene chloride
Concen: 0.16 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

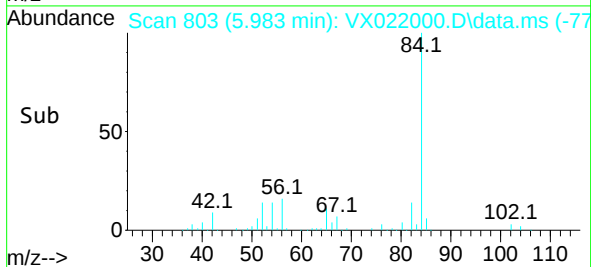
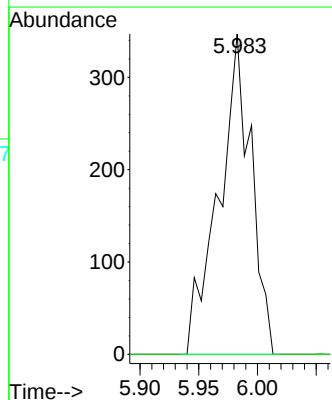
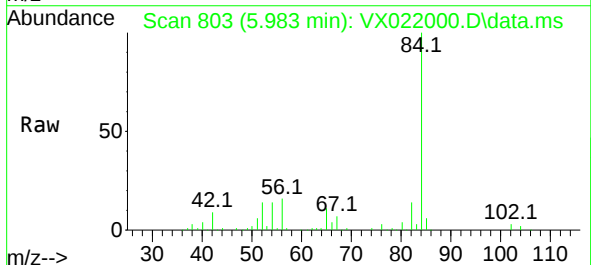
Instrument :
MSVOA_X
ClientSampleId :
EW6E5

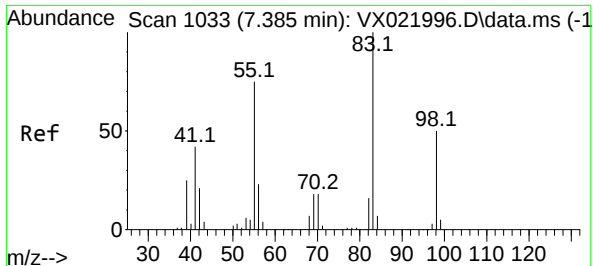
Tgt Ion: 84 Resp: 1177
Ion Ratio Lower Upper
84 100
86 72.9 46.3 86.1
49 106.5 84.4 156.7



#27
1,2-Dichloroethane
Concen: 0.11 ug/L
RT: 5.983 min Scan# 803
Delta R.T. -0.110 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

Tgt Ion: 62 Resp: 664
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.6#





#35

Methylcyclohexane

Concen: 0.77 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

Lab File: VX022000.D

Acq: 14 May 2021 17:32

Tgt Ion: 83 Resp: 7894

Ion Ratio Lower Upper

83 100

55 0.0 60.3 90.5#

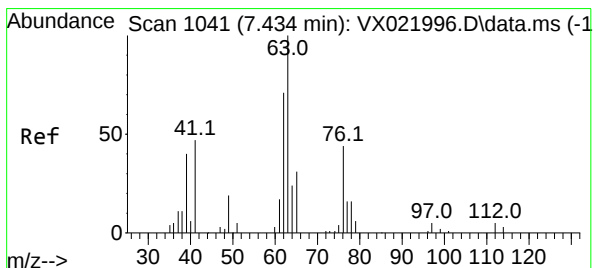
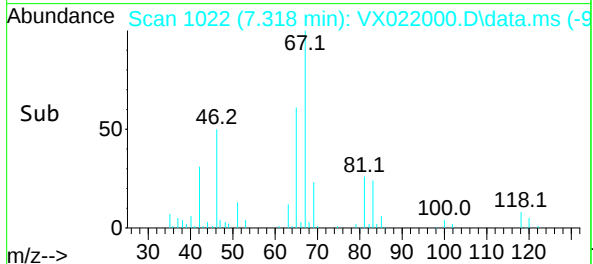
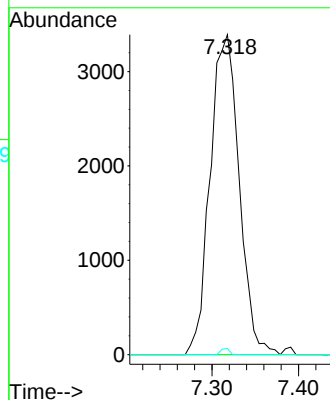
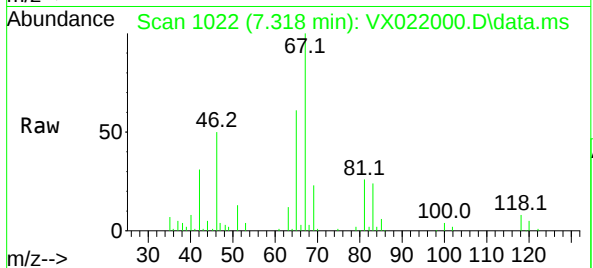
98 0.6 39.4 59.2#

Instrument :

MSVOA_X

ClientSampled :

EW6E5



#37

1,2-Dichloropropane

Concen: 0.64 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.116 min

Lab File: VX022000.D

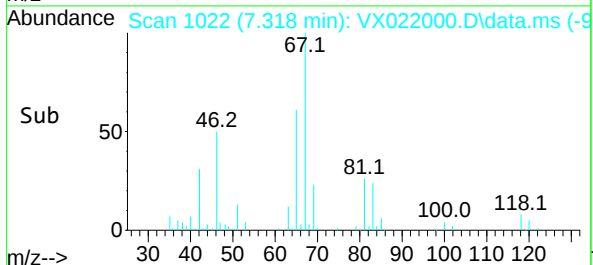
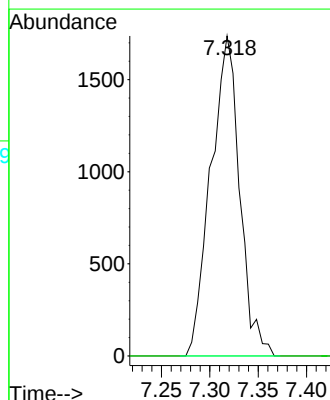
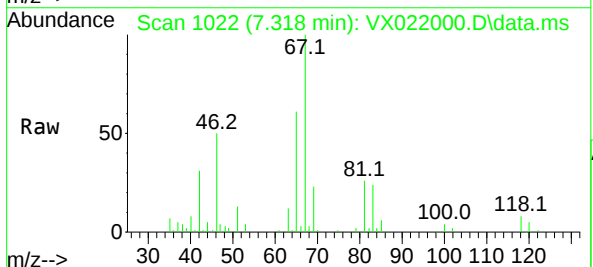
Acq: 14 May 2021 17:32

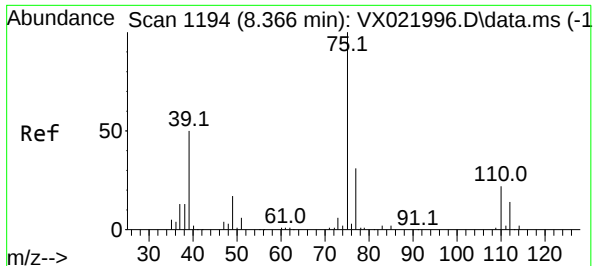
Tgt Ion: 63 Resp: 3613

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

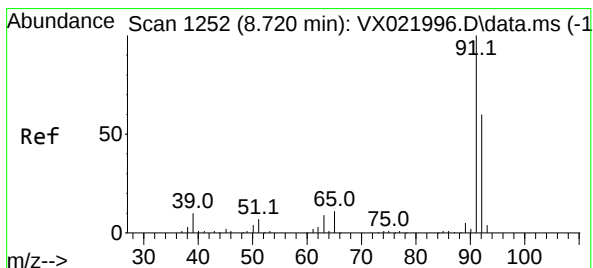
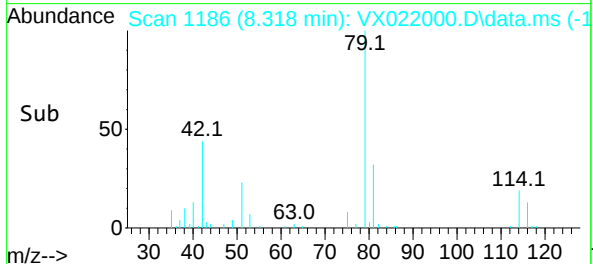
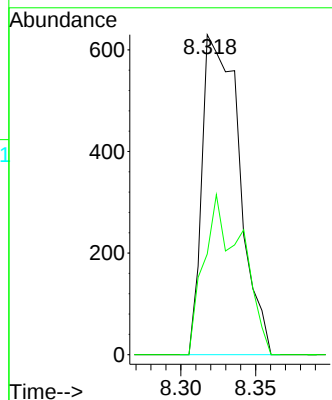
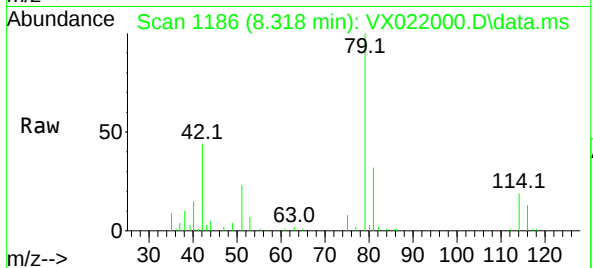




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.318 min Scan# 1186
Delta R.T. -0.049 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

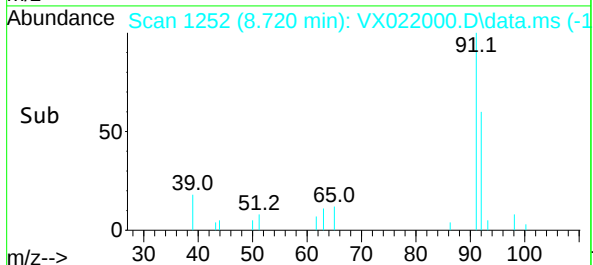
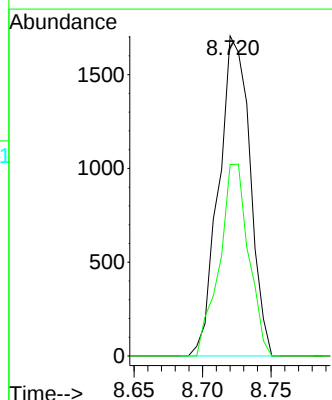
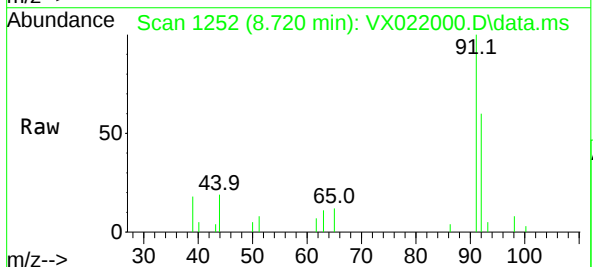
Instrument :
MSVOA_X
ClientSampled :
EW6E5

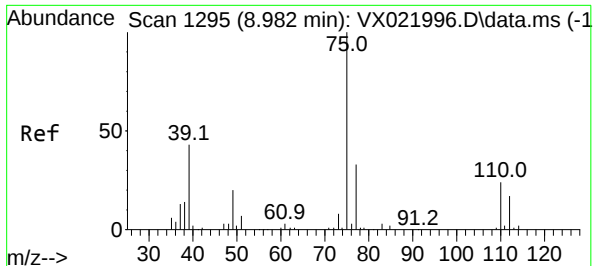
Tgt Ion: 75 Resp: 1085
Ion Ratio Lower Upper
75 100
77 31.4 21.3 39.5



#42
Toluene
Concen: 0.11 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

Tgt Ion: 91 Resp: 2703
Ion Ratio Lower Upper
91 100
92 59.8 42.1 78.3

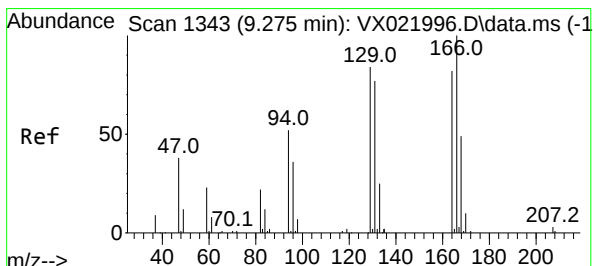
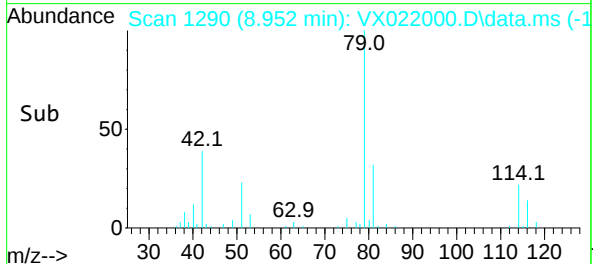
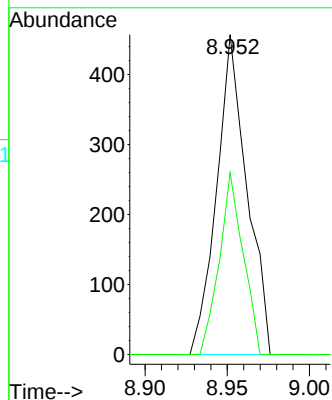
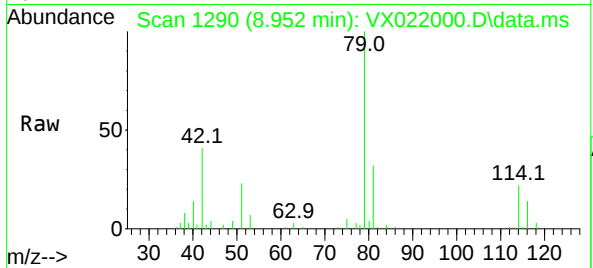




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

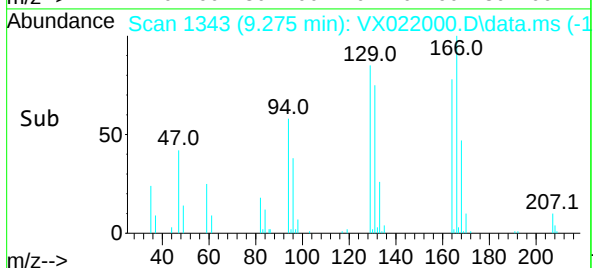
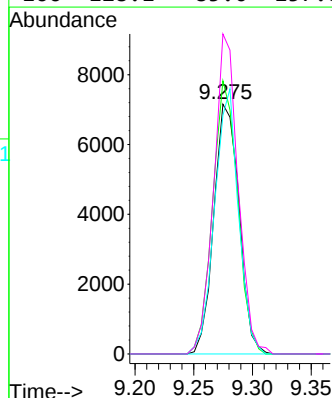
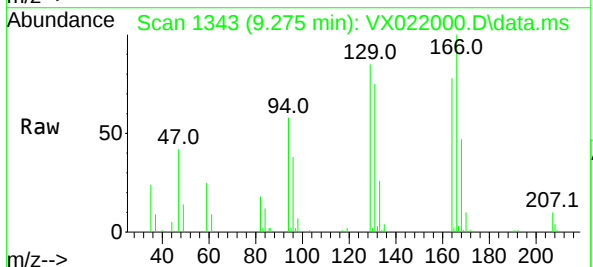
Instrument :
MSVOA_X
ClientSampled :
EW6E5

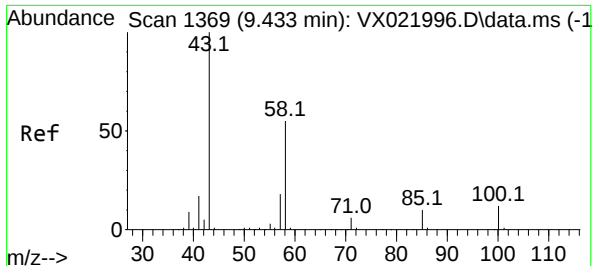
Tgt Ion: 75 Resp: 585
Ion Ratio Lower Upper
75 100
77 56.9 21.6 40.0#



#47
Tetrachloroethene
Concen: 2.66 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

Tgt Ion: 164 Resp: 10677
Ion Ratio Lower Upper
164 100
129 109.4 73.1 135.7
131 95.5 69.1 128.3
166 128.1 85.0 157.8





#48

2-Hexanone

Concen: 2.71 ug/L

RT: 9.385 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX022000.D

Acq: 14 May 2021 17:32

Tgt Ion: 43 Resp: 6601

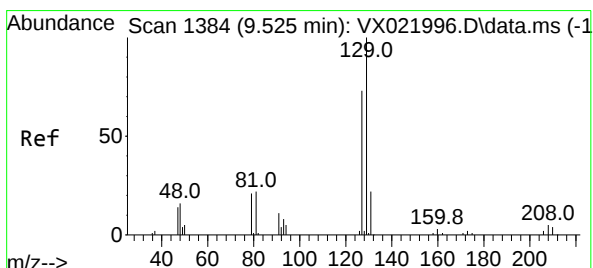
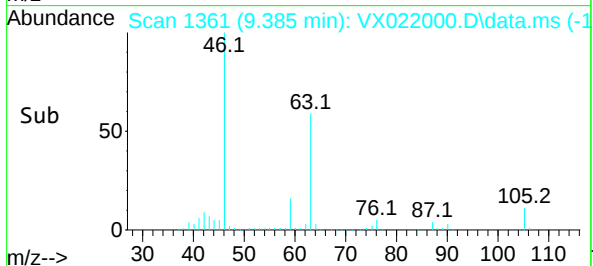
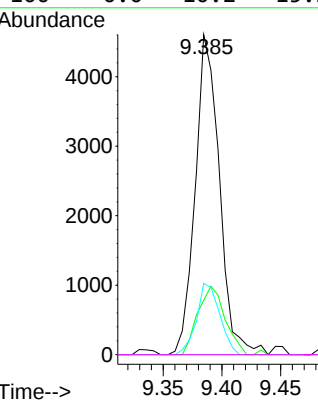
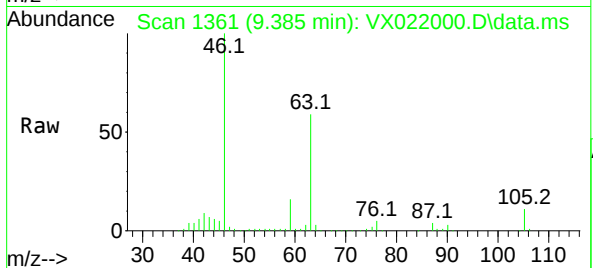
Ion Ratio Lower Upper

43 100

58 24.1 44.6 67.0#

57 21.4 14.8 22.2

100 0.0 10.2 15.2#



#49

Dibromochloromethane

Concen: 2.57 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022000.D

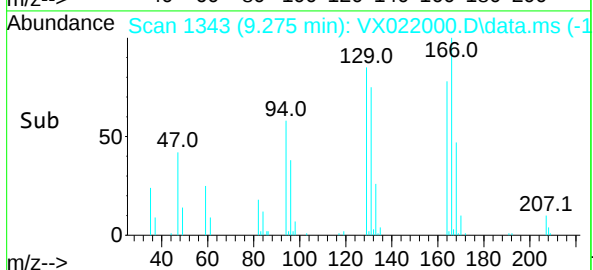
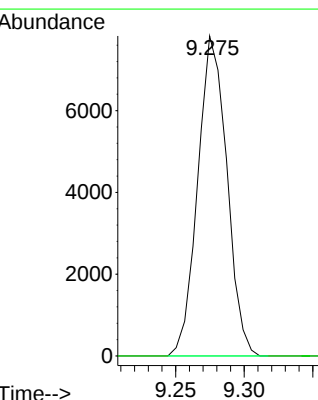
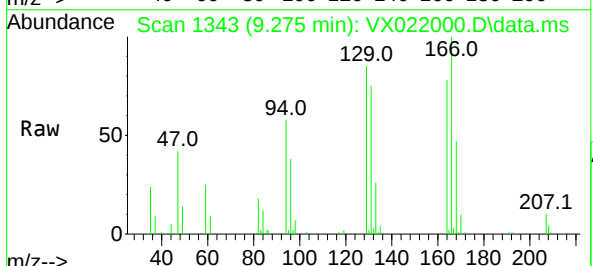
Acq: 14 May 2021 17:32

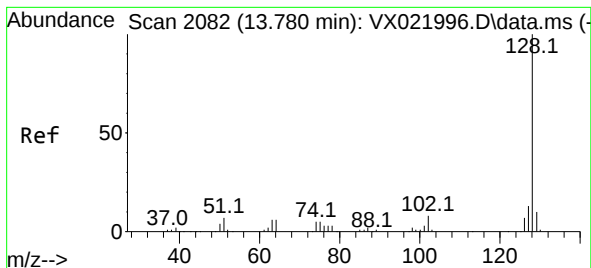
Tgt Ion: 129 Resp: 11568

Ion Ratio Lower Upper

129 100

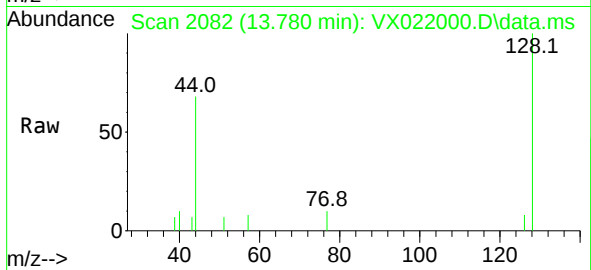
127 0.0 53.5 99.5#





#71
Naphthalene
Concen: 0.07 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022000.D
Acq: 14 May 2021 17:32

Instrument :
MSVOA_X
ClientSampleId :
EW6E5



Tgt Ion:128 Resp: 952
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 2.7 10.1 15.1#

