

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030447.D
 Acq On : 05 Aug 2022 22:49
 Operator : JC/MD
 Sample : N4066-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

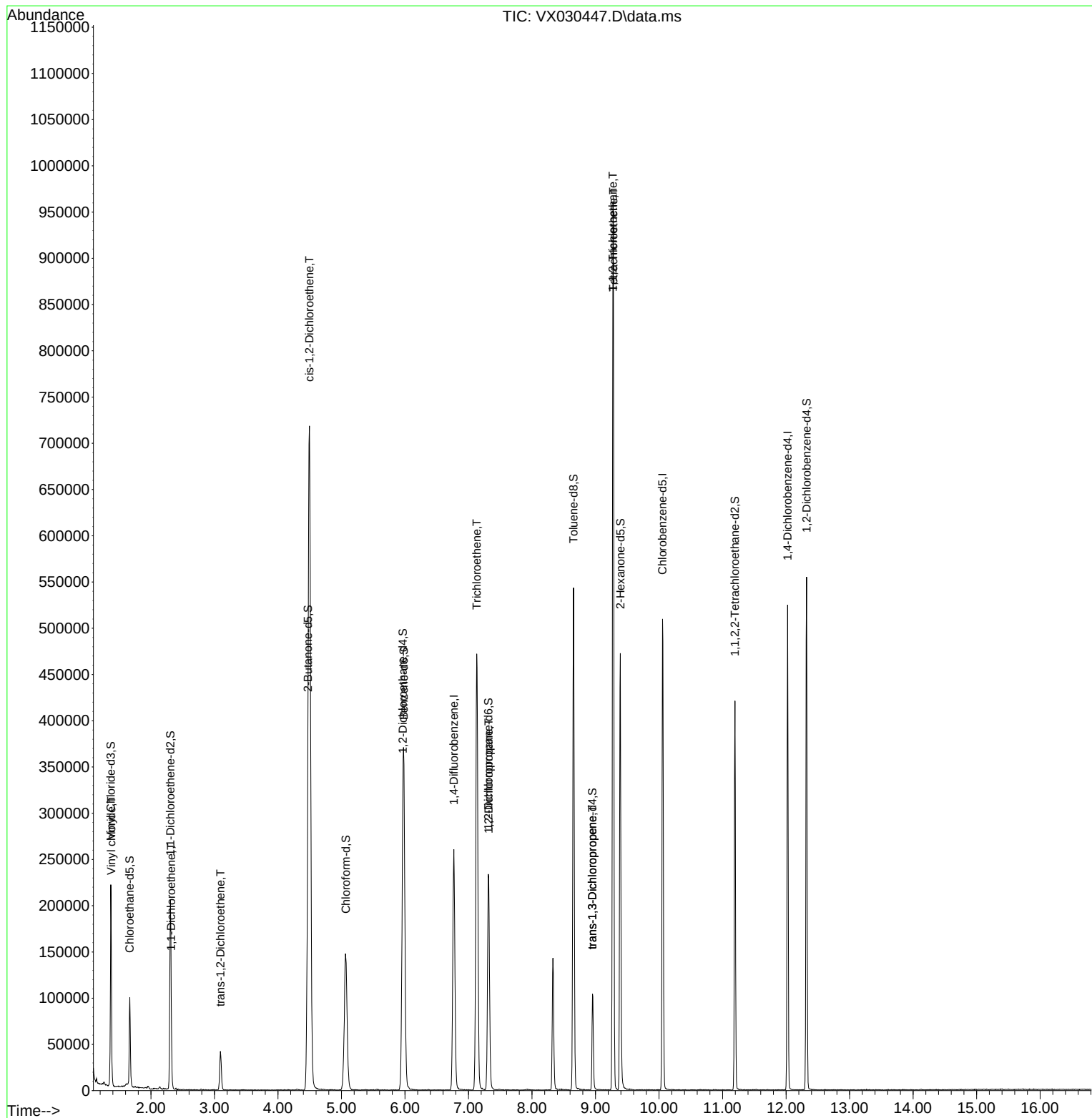
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	250082	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220208	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78597	48.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.880%
7) Chloroethane-d5	1.666	69	62766	55.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.880%
11) 1,1-Dichloroethene-d2	2.306	63	116853	38.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.940%
21) 2-Butanone-d5	4.471	46	192934	129.658	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.660%
24) Chloroform-d	5.068	84	177765	53.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.540%
26) 1,2-Dichloroethane-d4	5.964	65	128135	57.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.160%
32) Benzene-d6	5.983	84	346880	54.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.980%
36) 1,2-Dichloropropane-d6	7.312	67	117018	57.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.360%
41) Toluene-d8	8.653	98	304214	51.165	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
43) trans-1,3-Dichloroprop...	8.952	79	48722	47.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	9.390	63	128589	123.270	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.270%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	157309	58.513	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	104262	56.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.360%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	67794	39.224	ug/L	100
12) 1,1-Dichloroethene	2.319	96	1861	1.330	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	15453	9.529	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	407422	223.345	ug/L	98
34) Trichloroethene	7.129	95	185194	90.566	ug/L	92
37) 1,2-Dichloropropane	7.318	63	13382	7.129	ug/L #	91
44) trans-1,3-Dichloropropene	8.952	75	2226	0.812	ug/L	96
45) 1,1,2-Trichloroethane	9.275	97	1860	1.066	ug/L #	1
46) Tetrachloroethene	9.281	164	169043	130.805	ug/L	99

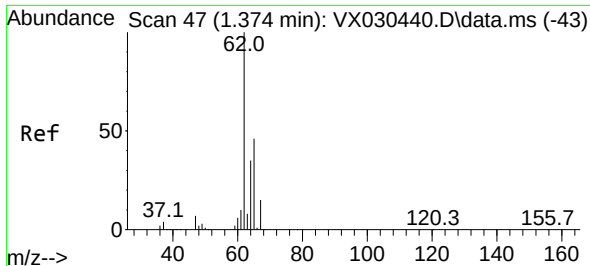
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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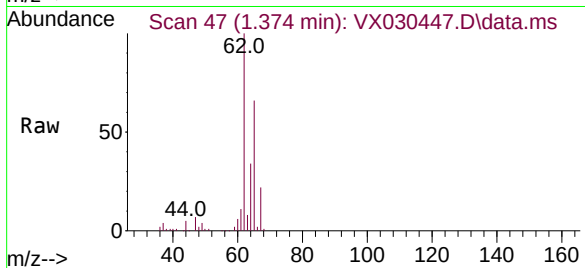
Quant Time: Aug 06 02:23:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration



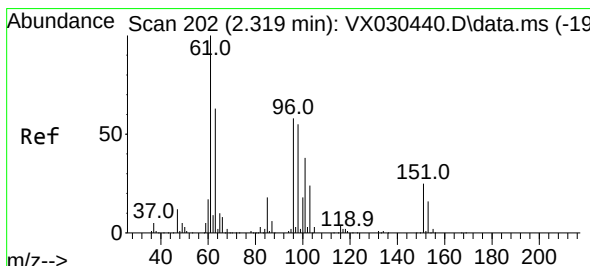
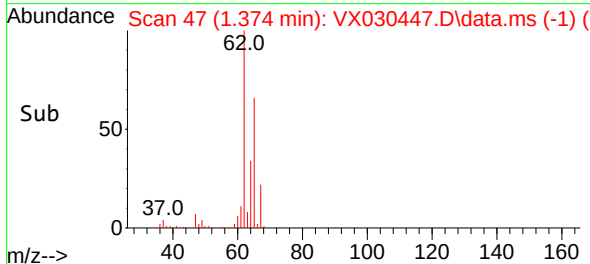
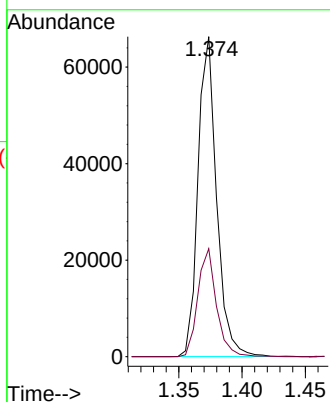


#5
 Vinyl chloride
 Concen: 39.224 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

Instrument :
 MSVOA_X
 ClientSampleId :

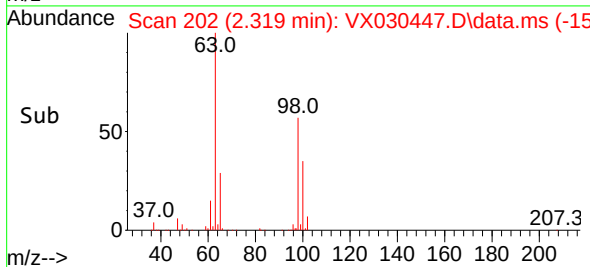
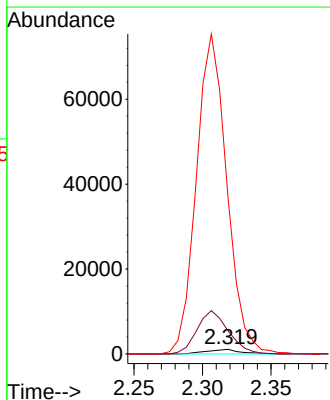
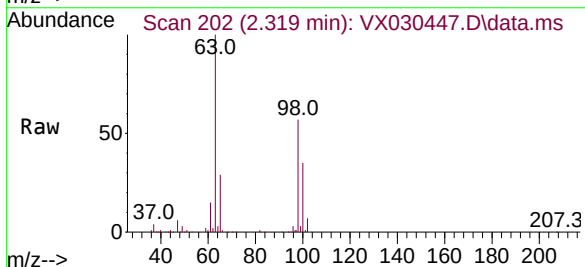


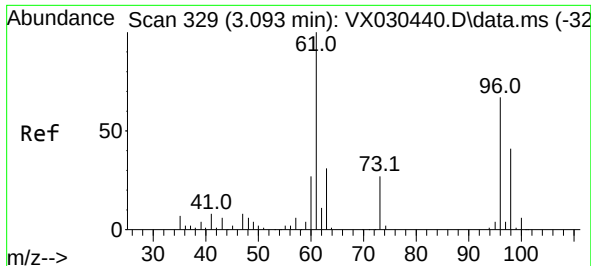
Tgt Ion: 62 Resp: 67794
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 1.330 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

Tgt Ion: 96 Resp: 1861
 Ion Ratio Lower Upper
 96 100
 61 494.0 130.2 241.8#
 63 3343.2 113.5 210.9#





#17

trans-1,2-Dichloroethene

Concen: 9.529 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030447.D

Acq: 05 Aug 2022 22:49

Instrument :

MSVOA_X

ClientSampleId :

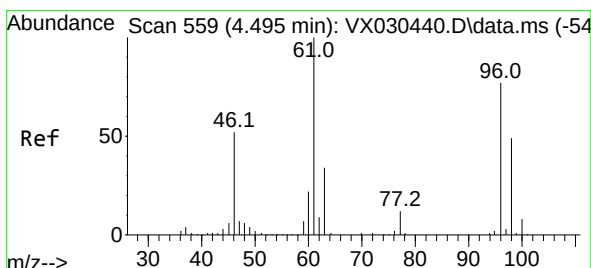
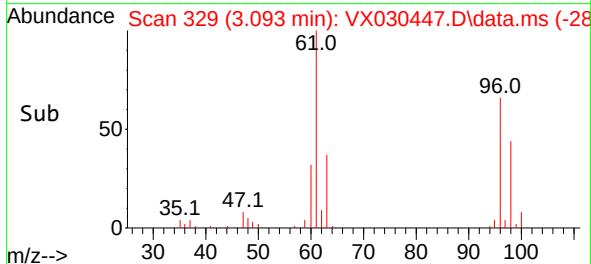
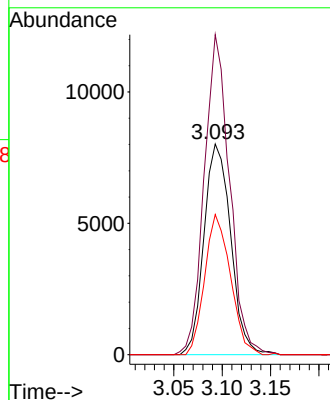
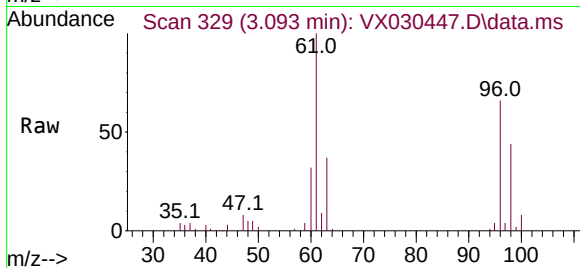
Tgt Ion: 96 Resp: 15453

Ion Ratio Lower Upper

96 100

61 151.8 103.7 192.5

98 66.5 41.5 77.1



#20

cis-1,2-Dichloroethene

Concen: 223.345 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030447.D

Acq: 05 Aug 2022 22:49

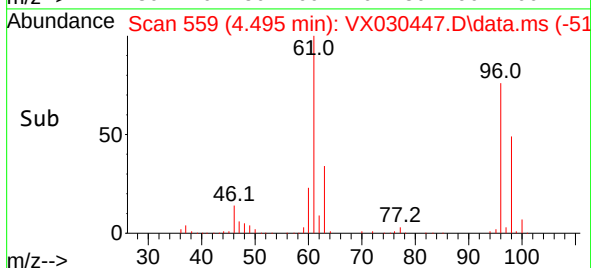
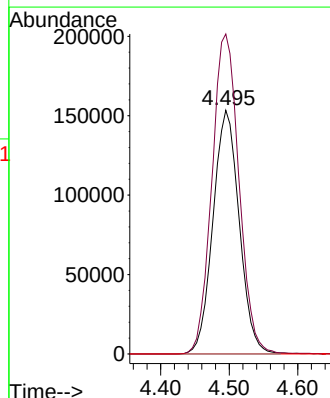
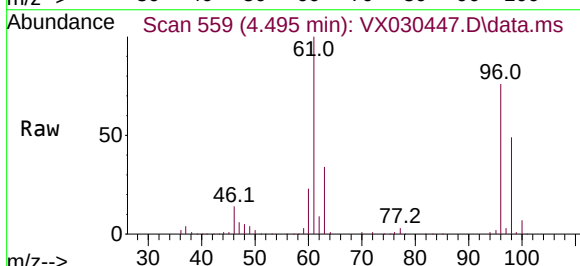
Tgt Ion: 96 Resp: 407422

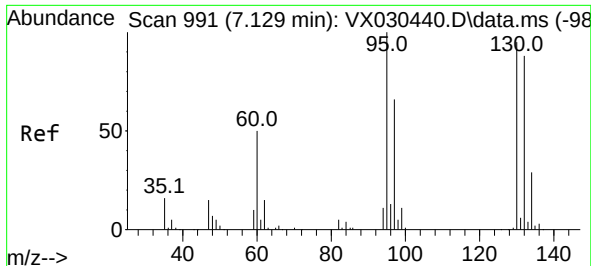
Ion Ratio Lower Upper

96 100

61 131.3 94.0 174.6

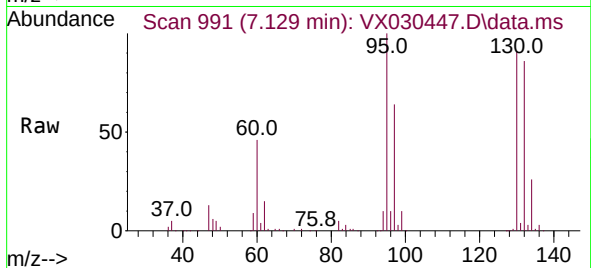
68 0.0 0.0 0.0



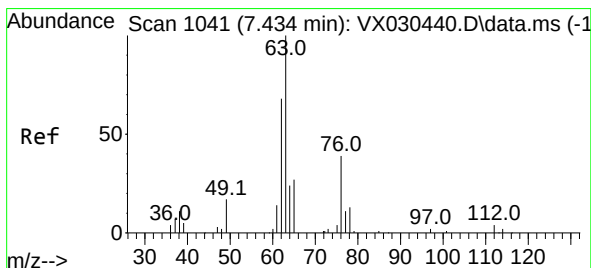
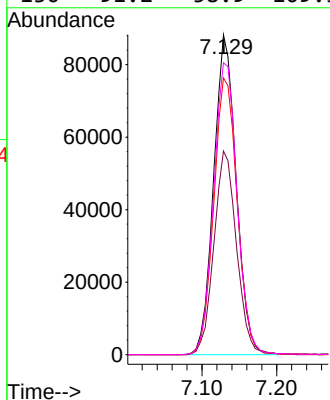
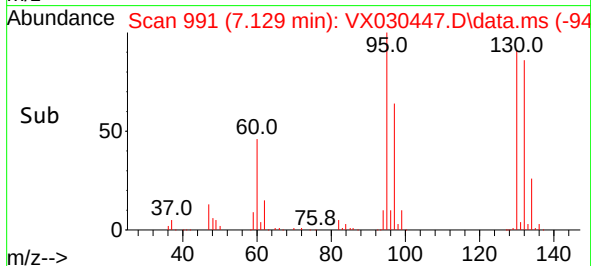


#34
Trichloroethene
Concen: 90.566 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030447.D
Acq: 05 Aug 2022 22:49

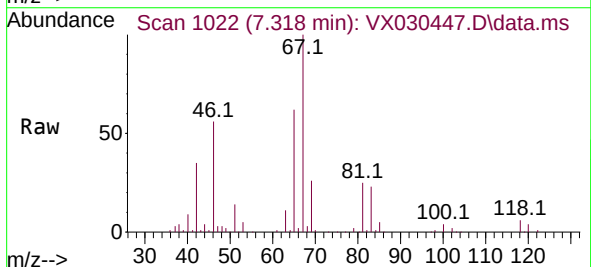
Instrument :
MSVOA_X
ClientSampleId :



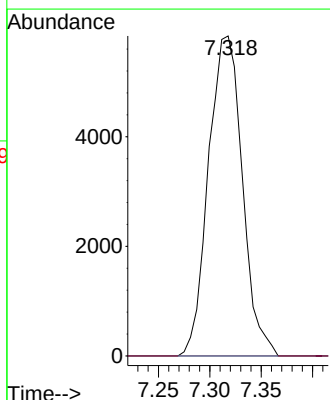
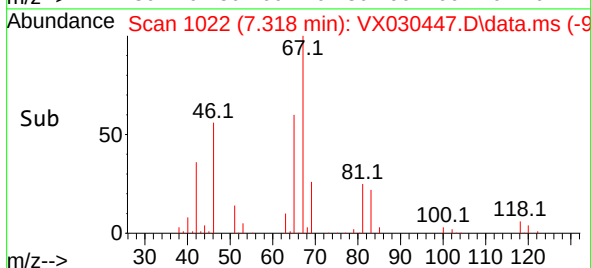
Tgt Ion: 95 Resp: 185194
Ion Ratio Lower Upper
95 100
97 63.7 40.2 74.6
132 86.5 55.3 102.7
130 91.2 58.9 109.5

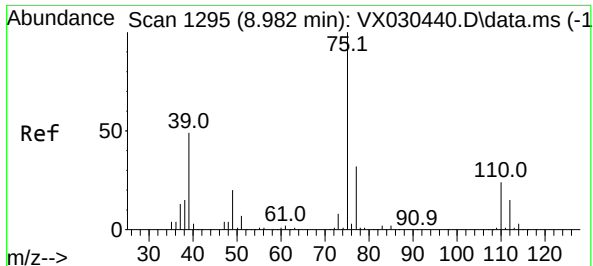


#37
1,2-Dichloropropane
Concen: 7.129 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX030447.D
Acq: 05 Aug 2022 22:49



Tgt Ion: 63 Resp: 13382
Ion Ratio Lower Upper
63 100
112 0.7 3.0 4.4#

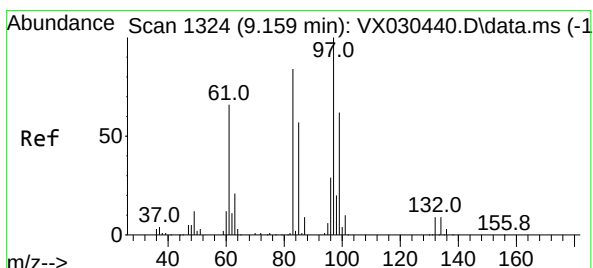
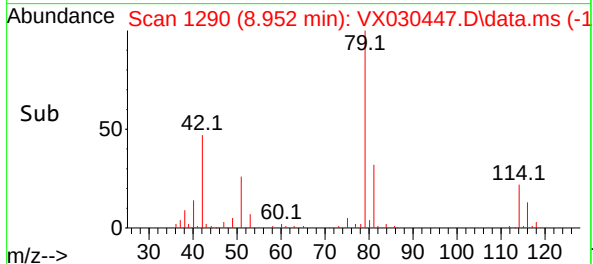
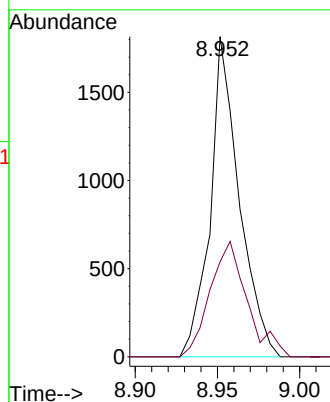
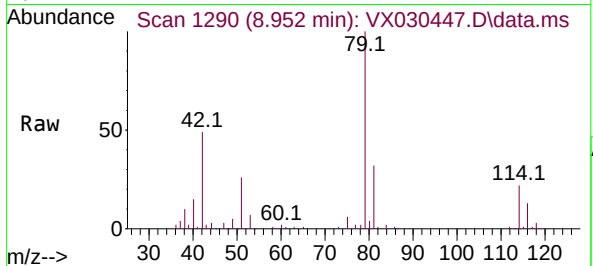




#44
trans-1,3-Dichloropropene
Concen: 0.812 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX030447.D
Acq: 05 Aug 2022 22:49

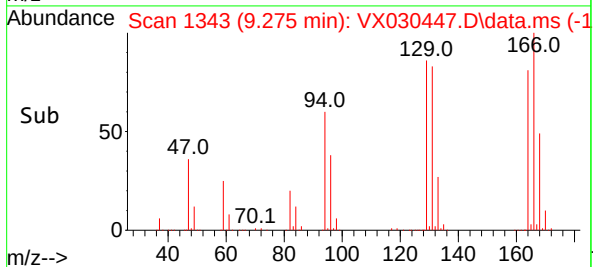
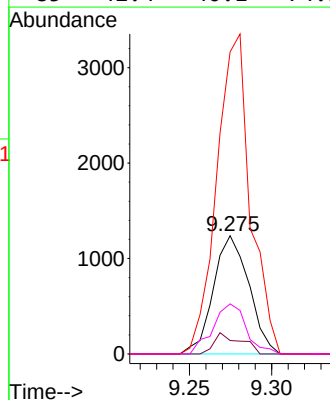
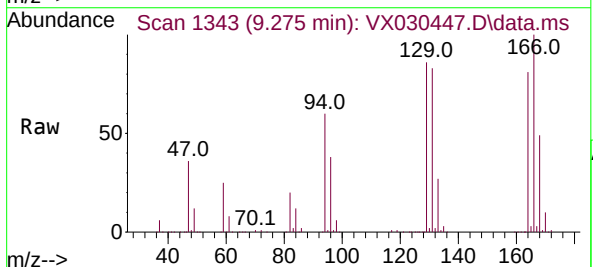
Instrument :
MSVOA_X
ClientSampleId :

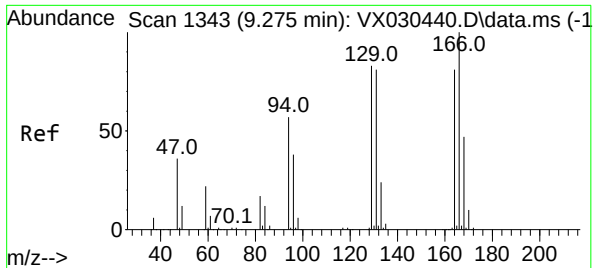
Tgt Ion: 75 Resp: 2226
Ion Ratio Lower Upper
75 100
77 29.7 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 1.066 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.116 min
Lab File: VX030447.D
Acq: 05 Aug 2022 22:49

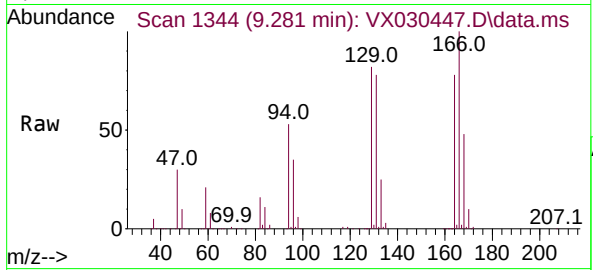
Tgt Ion: 97 Resp: 1860
Ion Ratio Lower Upper
97 100
99 11.3 43.3 80.3#
83 255.7 63.0 117.0#
85 42.4 40.1 74.5





#46
 Tetrachloroethene
 Concen: 130.805 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030447.D
 Acq: 05 Aug 2022 22:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	164	Resp:	169043
Ion	Ratio	Lower	Upper
164	100		
129	104.2	72.7	135.1
131	99.1	69.9	129.9
166	127.7	88.3	164.1

