

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030438.D
 Acq On : 05 Aug 2022 18:30
 Operator : JC/MD
 Sample : N4021-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 01:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 00:54:06 2022
 Response via : Initial Calibration

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

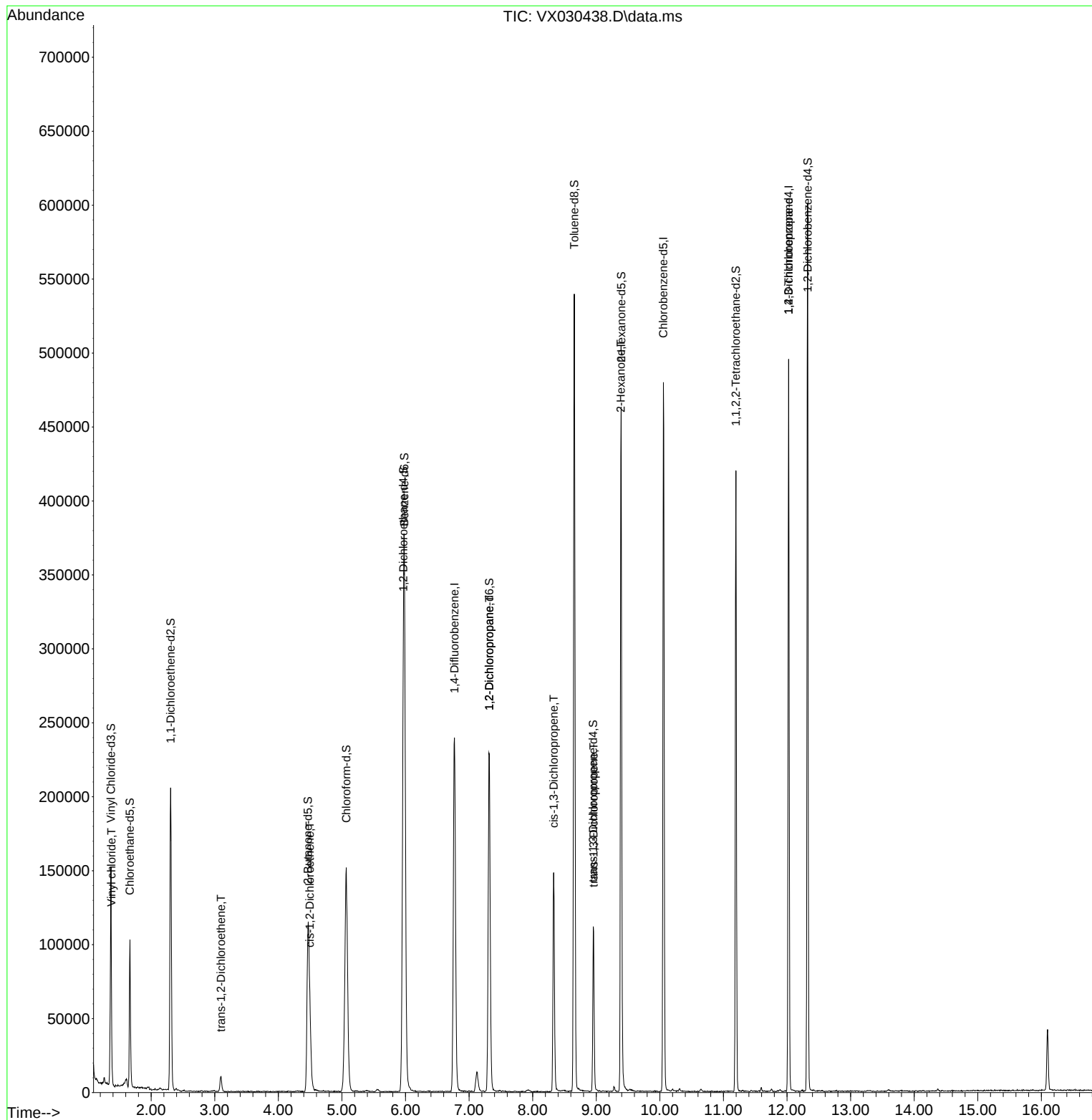
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	235170	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	91758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79141	52.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.800%			
7) Chloroethane-d5	1.666	69	63421	59.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.140%			
11) 1,1-Dichloroethene-d2	2.307	63	115958	40.591	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.180%			
21) 2-Butanone-d5	4.465	46	190236	135.951	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.950%#			
24) Chloroform-d	5.068	84	178024	57.264	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.520%			
26) 1,2-Dichloroethane-d4	5.964	65	129089	61.153	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.300%			
32) Benzene-d6	5.983	84	347944	58.636	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.280%			
36) 1,2-Dichloropropane-d6	7.318	67	117172	60.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.720%#			
41) Toluene-d8	8.653	98	307047	54.894	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.780%			
43) trans-1,3-Dichloroprop...	8.952	79	50665	52.899	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.800%			
47) 2-Hexanone-d5	9.391	63	125570	127.959	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.960%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	157997	62.471	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 124.940%#			
66) 1,2-Dichlorobenzene-d4	12.323	152	108037	60.704	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	12342	7.594	ug/L	91
17) trans-1,2-Dichloroethene	3.099	96	3798	2.491	ug/L	88
20) cis-1,2-Dichloroethene	4.495	96	14377	8.381	ug/L	94
37) 1,2-Dichloropropane	7.318	63	13547	7.671	ug/L #	90
39) cis-1,3-Dichloropropene	8.330	75	3467	1.316	ug/L	86
44) trans-1,3-Dichloropropene	8.958	75	2441	0.947	ug/L	95
48) 2-Hexanone	9.385	43	17026	7.125	ug/L #	70
61) 1,2,3-Trichloropropane	12.024	75	12495	6.341	ug/L #	65

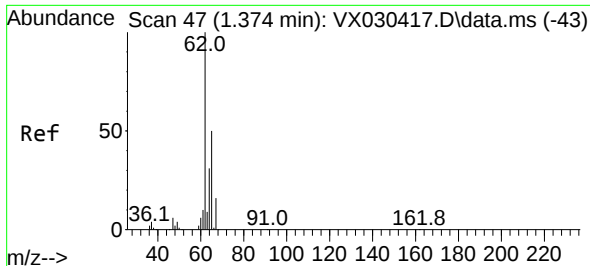
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 06 00:54:06 2022
Response via : Initial Calibration

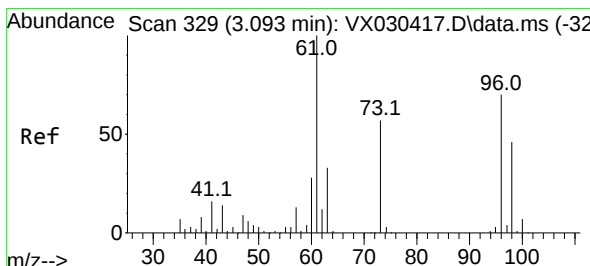
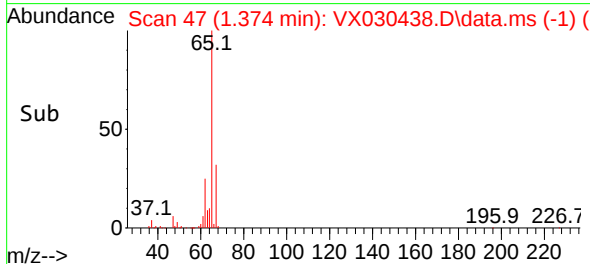
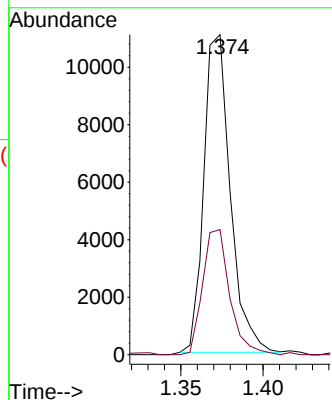
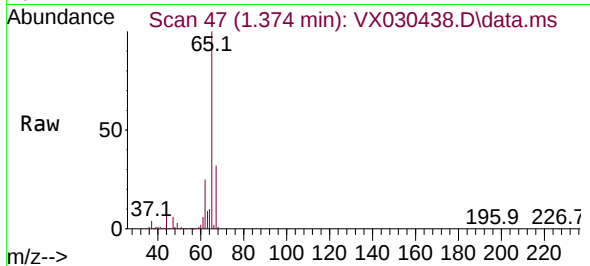




#5
 Vinyl chloride
 Concen: 7.594 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030438.D
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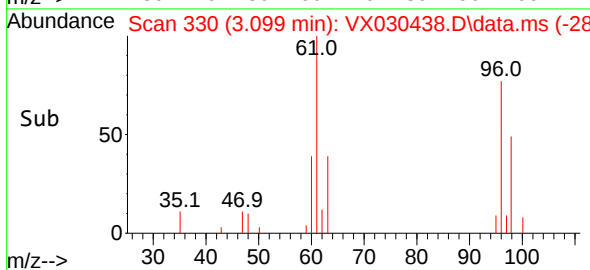
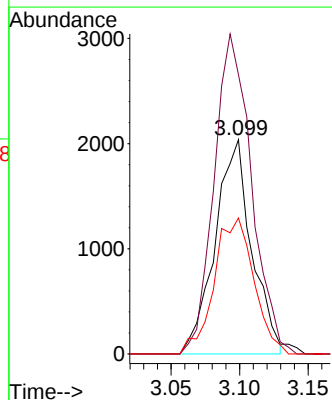
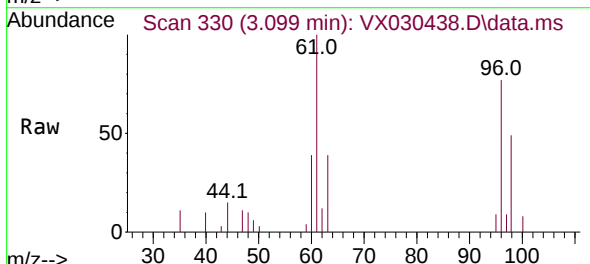
Instrument :
 MSVOA_X
 ClientSampleId :

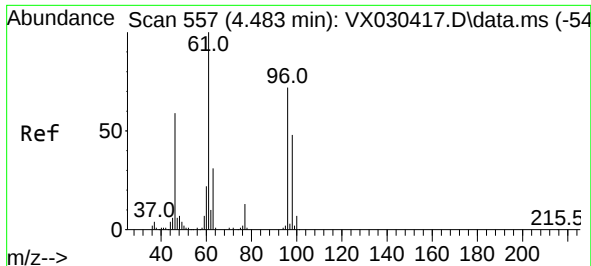
Tgt Ion: 62 Resp: 12342
 Ion Ratio Lower Upper
 62 100
 64 39.1 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 2.491 ug/L
 RT: 3.099 min Scan# 330
 Delta R.T. 0.006 min
 Lab File: VX030438.D
 Acq: 05 Aug 2022 18:30

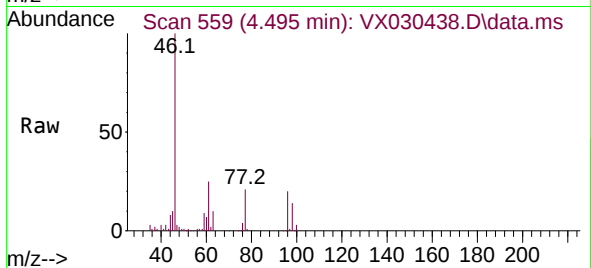
Tgt Ion: 96 Resp: 3798
 Ion Ratio Lower Upper
 96 100
 61 130.3 103.7 192.5
 98 63.5 41.5 77.1



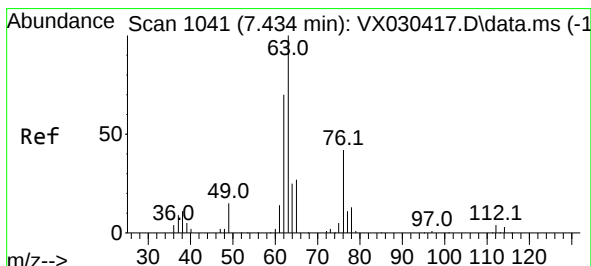
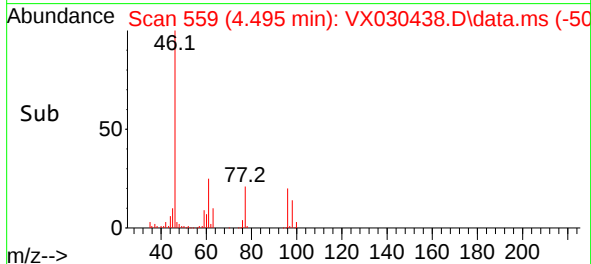
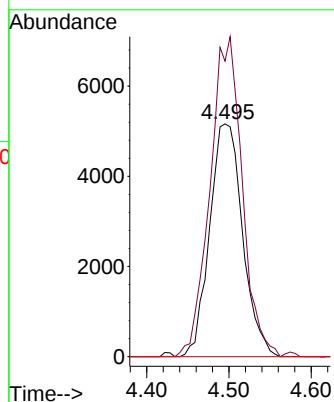


#20
 cis-1,2-Dichloroethene
 Concen: 8.381 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX030438.D
 Acq: 05 Aug 2022 18:30

Instrument :
 MSVOA_X
 ClientSampleId :

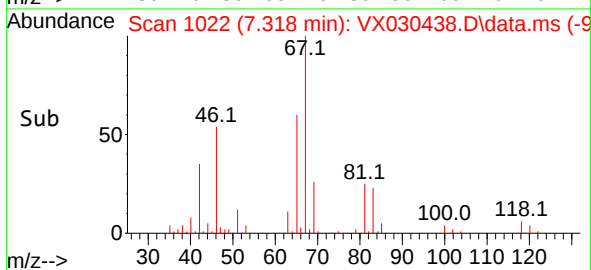
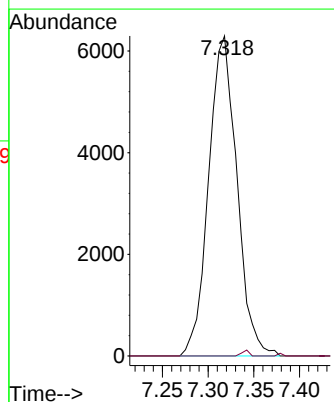
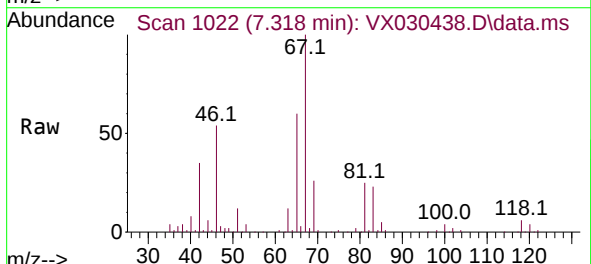


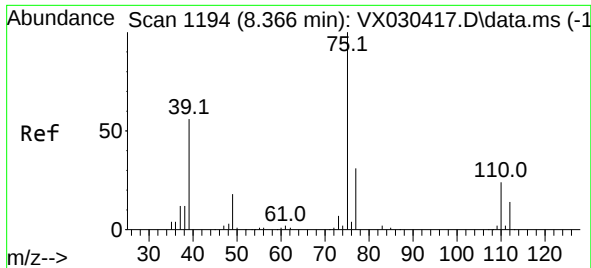
Tgt Ion: 96 Resp: 14377
 Ion Ratio Lower Upper
 96 100
 61 127.0 94.0 174.6
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 7.671 ug/L
 RT: 7.318 min Scan# 1022
 Delta R.T. -0.116 min
 Lab File: VX030438.D
 Acq: 05 Aug 2022 18:30

Tgt Ion: 63 Resp: 13547
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.316 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030438.D

Acq: 05 Aug 2022 18:30

Instrument :

MSVOA_X

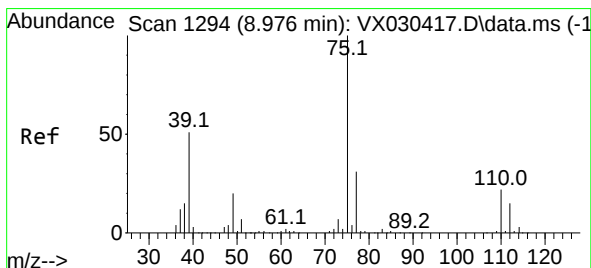
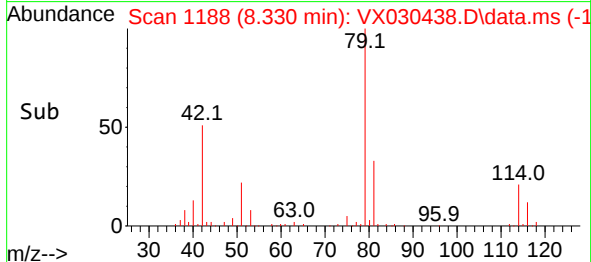
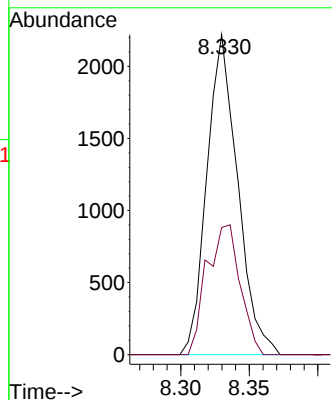
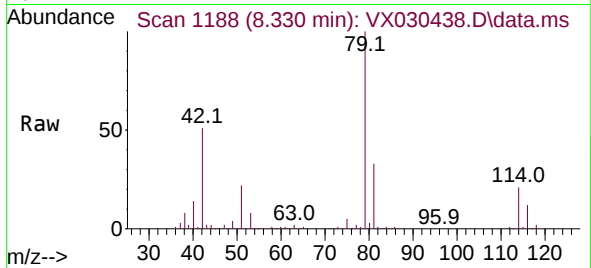
ClientSampleId :

Tgt Ion: 75 Resp: 3467

Ion Ratio Lower Upper

75 100

77 39.7 22.4 41.6



#44

trans-1,3-Dichloropropene

Concen: 0.947 ug/L

RT: 8.958 min Scan# 1291

Delta R.T. -0.018 min

Lab File: VX030438.D

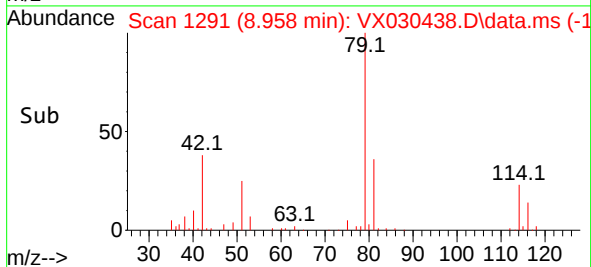
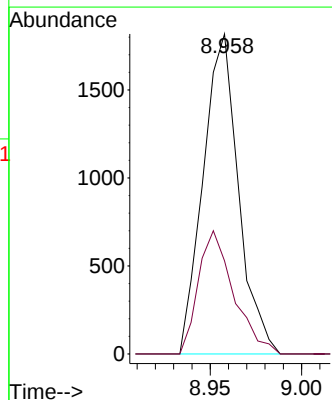
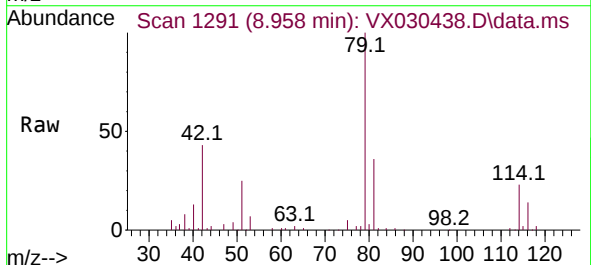
Acq: 05 Aug 2022 18:30

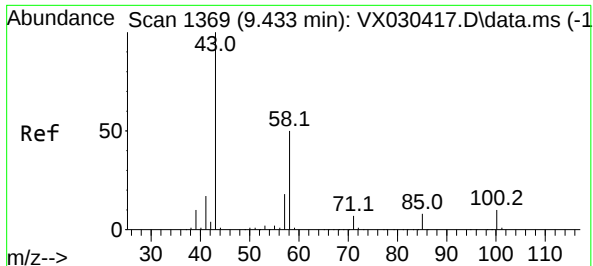
Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

77 29.1 22.5 41.7

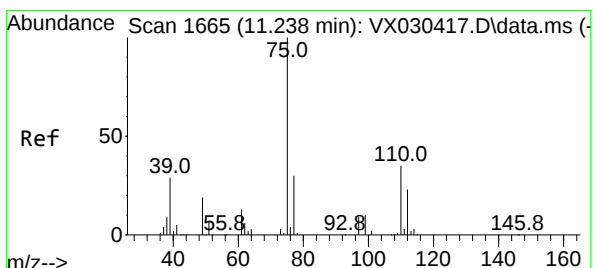
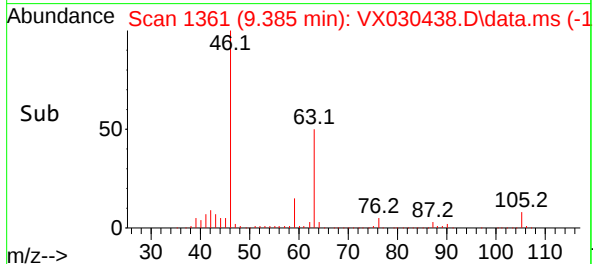
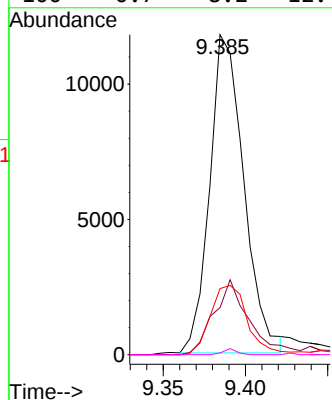
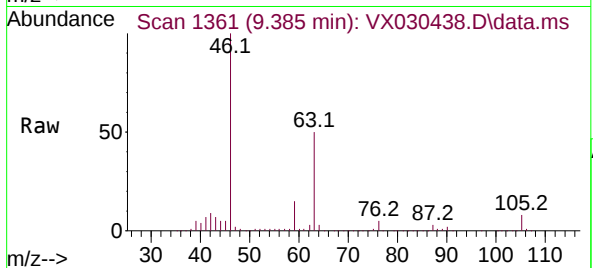




#48
2-Hexanone
Concen: 7.125 ug/L
RT: 9.385 min Scan# 17026
Delta R.T. -0.049 min
Lab File: VX030438.D
Acq: 05 Aug 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	43	Resp:	17026
Ion Ratio	Lower	Upper	
43	100		
58	24.3	40.4	60.6#
57	23.5	14.6	22.0#
100	0.7	8.2	12.4#



#61
1,2,3-Trichloropropane
Concen: 6.341 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.787 min
Lab File: VX030438.D
Acq: 05 Aug 2022 18:30

Tgt Ion:	75	Resp:	12495
Ion Ratio	Lower	Upper	
75	100		
77	37.5	26.1	39.1
110	3.3	30.5	45.7#

