

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022385.D
 Acq On : 29 Sep 2021 18:07
 Operator : SY/MD
 Sample : M3978-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A19

Quant Time: Sep 30 05:30:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

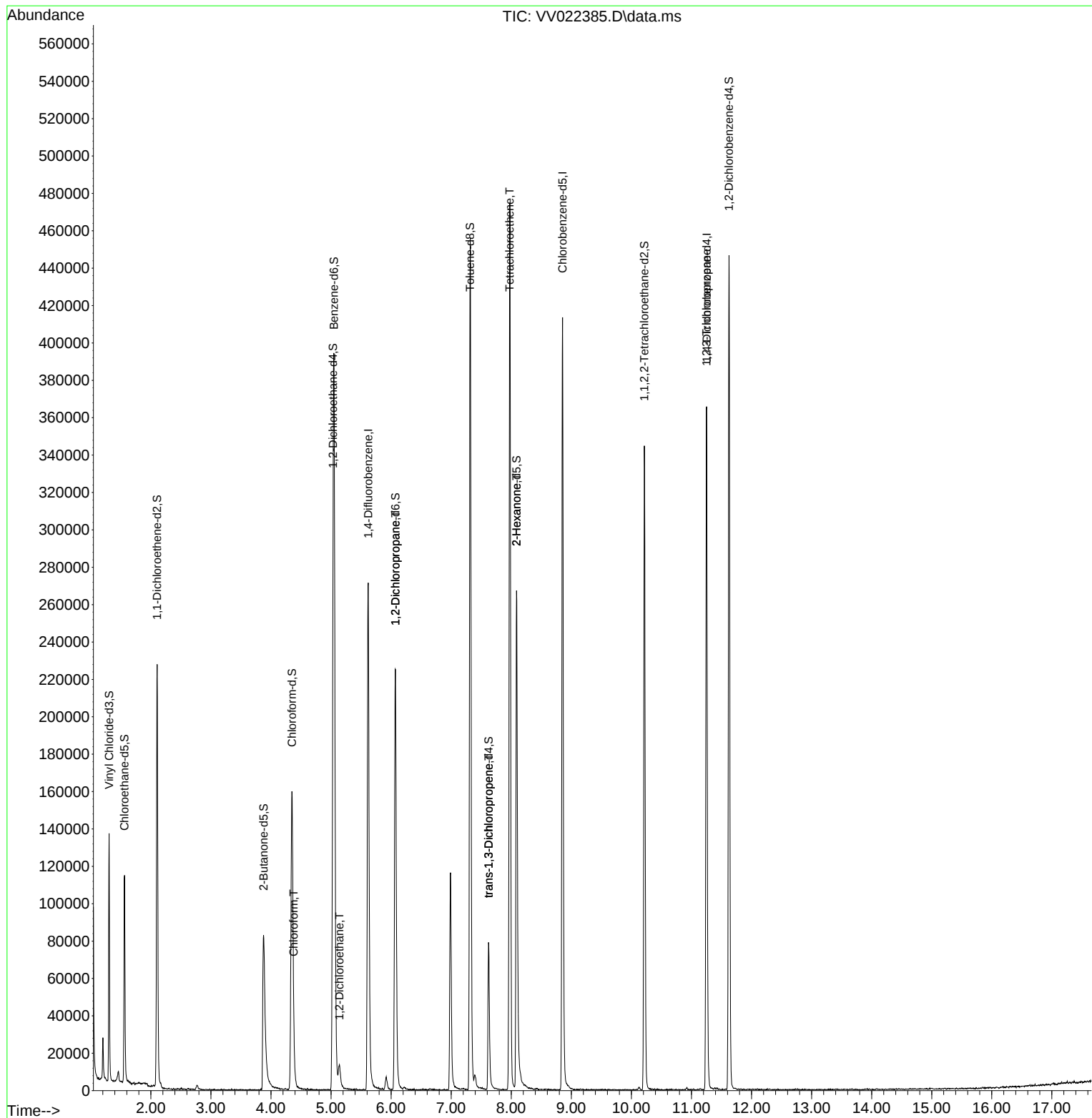
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	237673	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101230	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80933	39.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.200%
7) Chloroethane-d5	1.561	69	72658	44.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	2.105	63	114707	31.871	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.740%
21) 2-Butanone-d5	3.876	46	126123	86.331	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.330%
24) Chloroform-d	4.349	84	165835	44.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
26) 1,2-Dichloroethane-d4	5.034	65	107113	46.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
32) Benzene-d6	5.050	84	347513	46.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	6.072	67	115002	48.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	7.317	98	306474	44.782	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	7.622	79	45749	41.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.760%
47) 2-Hexanone-d5	8.088	63	88865	91.428	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.430%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162956	46.930	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.860%
66) 1,2-Dichlorobenzene-d4	11.625	152	119550	53.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.220%
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	9098	2.644	ug/L	96
27) 1,2-Dichloroethane	5.140	62	10254	4.191	ug/L	99
37) 1,2-Dichloropropane	6.072	63	11913	6.400	ug/L #	85
44) trans-1,3-Dichloropropene	7.622	75	1930	0.738	ug/L #	77
46) Tetrachloroethene	7.976	164	108822	70.855	ug/L	96
48) 2-Hexanone	8.088	43	10524	5.291	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	11017	5.833	ug/L #	63

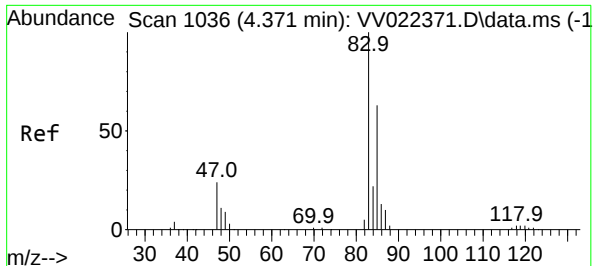
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
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#25

Chloroform

Concen: 2.644 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022385.D

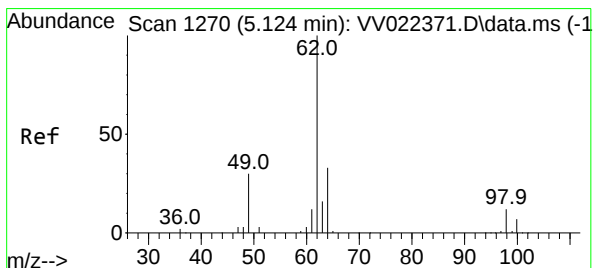
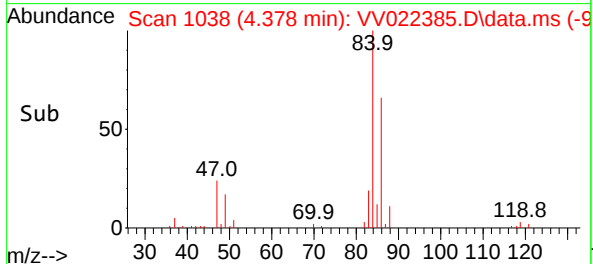
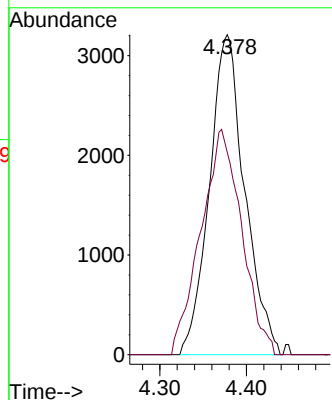
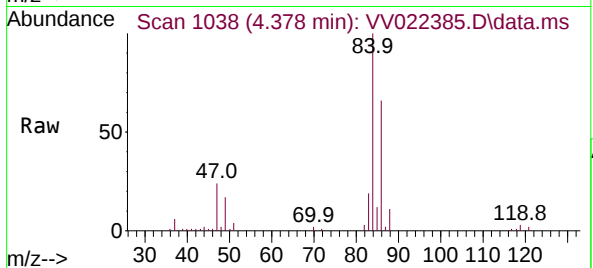
Acq: 29 Sep 2021 18:07

Tgt Ion: 83 Resp: 9098

Ion Ratio Lower Upper

83 100

85 63.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.191 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.016 min

Lab File: VV022385.D

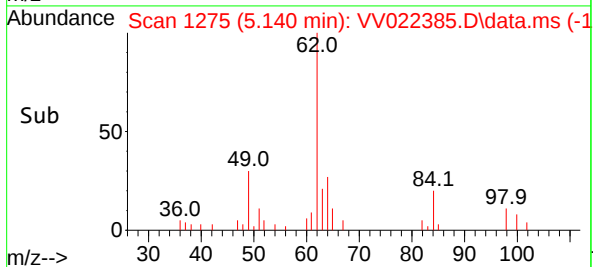
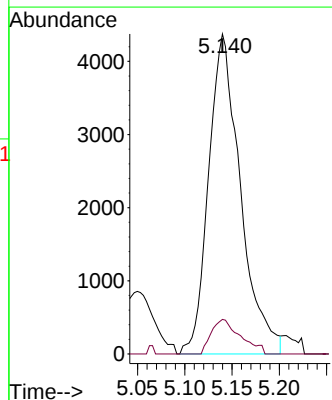
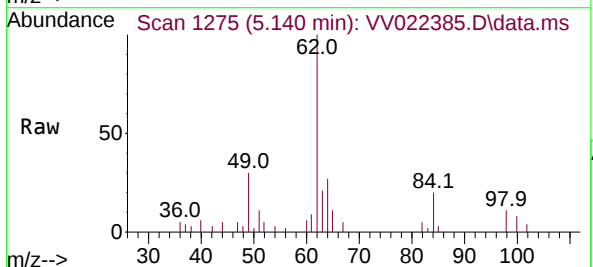
Acq: 29 Sep 2021 18:07

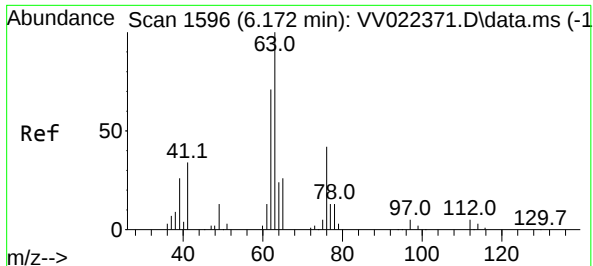
Tgt Ion: 62 Resp: 10254

Ion Ratio Lower Upper

62 100

98 10.8 8.9 13.3

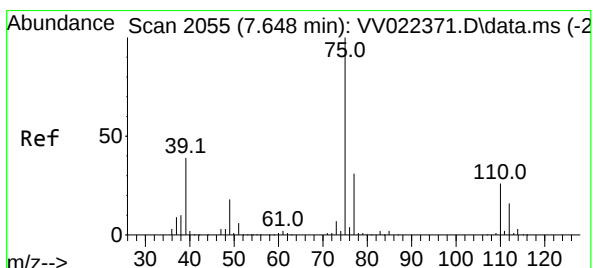
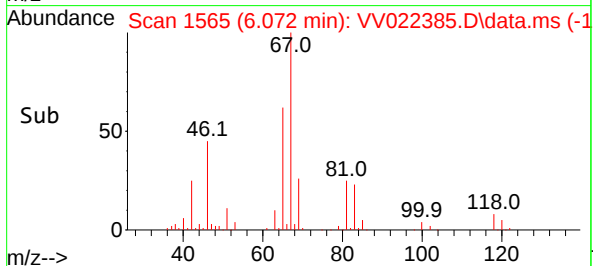
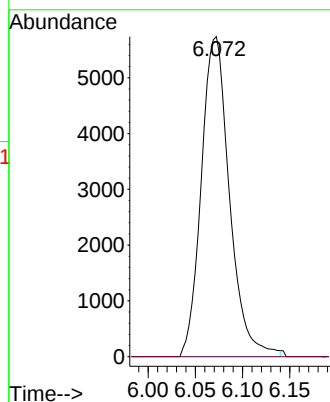
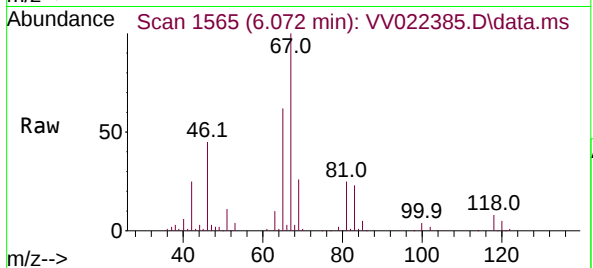




#37
1,2-Dichloropropane
Concen: 6.400 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022385.D
Acq: 29 Sep 2021 18:07

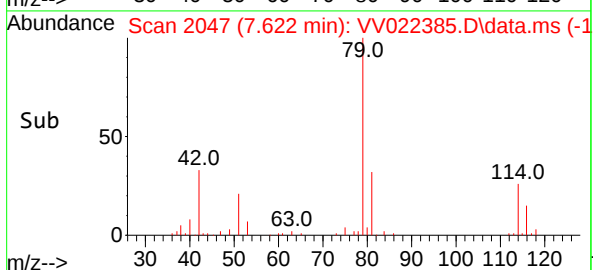
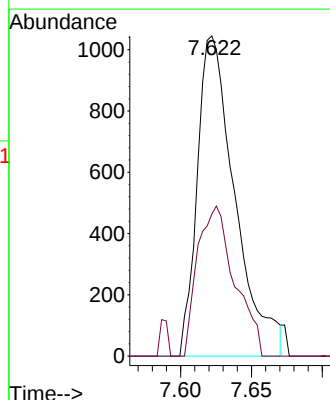
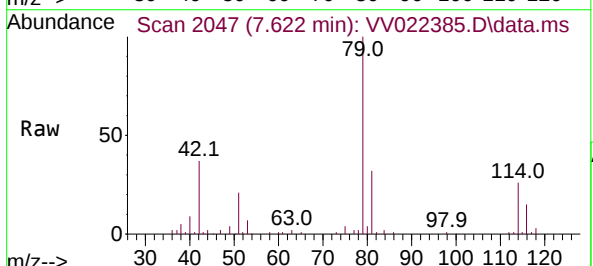
Instrument :
MSVOA_V
ClientSampled :
F4A19

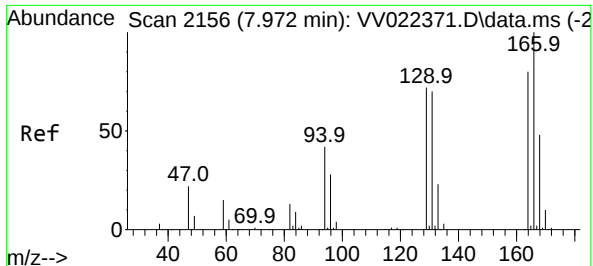
Tgt Ion: 63 Resp: 11913
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#44
trans-1,3-Dichloropropene
Concen: 0.738 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022385.D
Acq: 29 Sep 2021 18:07

Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
77 44.4 22.3 41.3#



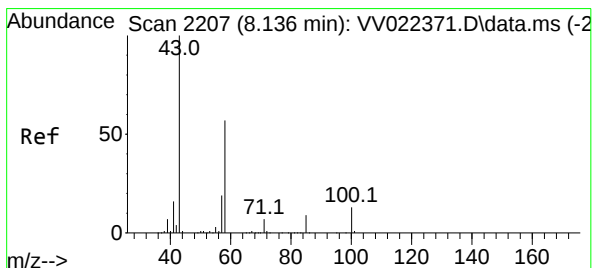
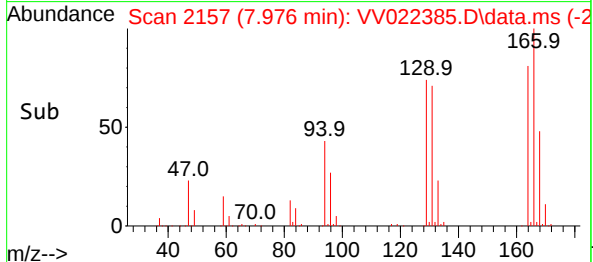
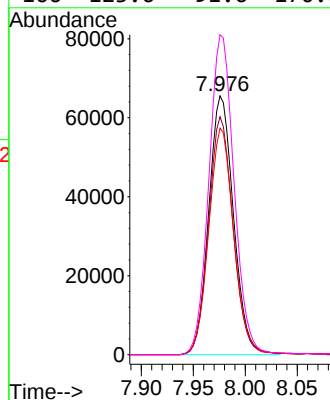
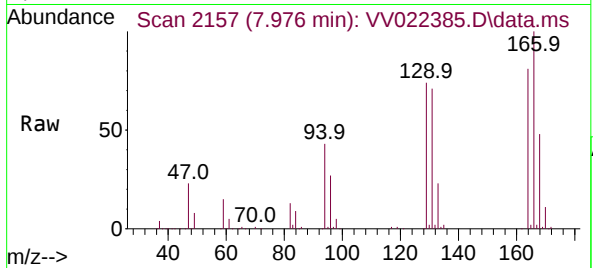


#46
Tetrachloroethene
Concen: 70.855 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022385.D
Acq: 29 Sep 2021 18:07

Instrument :
MSVOA_V
ClientSampled :
F4A19

Tgt Ion:164 Resp: 108822

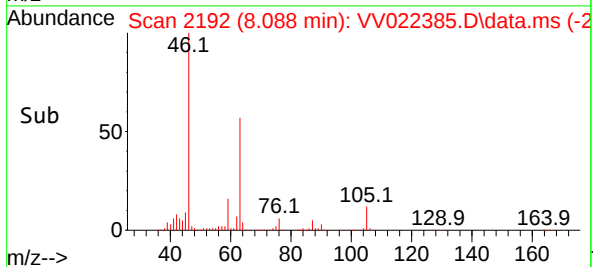
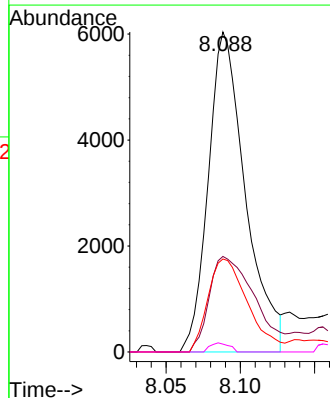
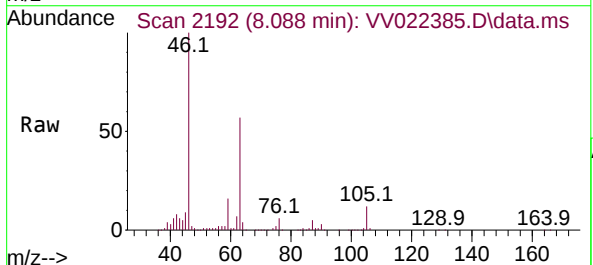
Ion	Ratio	Lower	Upper
164	100		
129	91.9	66.4	123.4
131	87.5	63.6	118.0
166	123.6	91.6	170.0

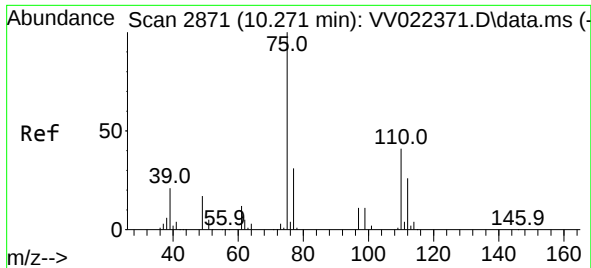


#48
2-Hexanone
Concen: 5.291 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022385.D
Acq: 29 Sep 2021 18:07

Tgt Ion: 43 Resp: 10524

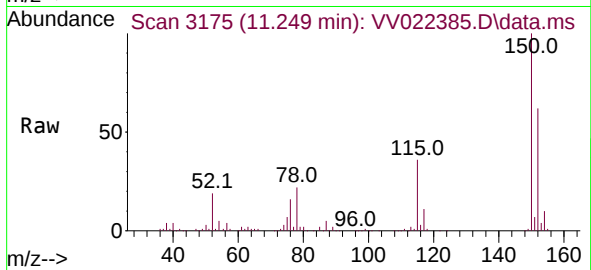
Ion	Ratio	Lower	Upper
43	100		
58	36.5	45.4	68.2#
57	31.2	15.0	22.4#
100	1.5	10.7	16.1#





#61
 1,2,3-Trichloropropane
 Concen: 5.833 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV022385.D
 Acq: 29 Sep 2021 18:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A19



Tgt Ion: 75	Resp: 11017
Ion Ratio	Lower Upper
75	100
77	34.4 25.4 38.0
110	2.1 32.6 48.8#

