

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022387.D
 Acq On : 29 Sep 2021 18:55
 Operator : SY/MD
 Sample : M3978-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A21

Quant Time: Sep 30 05:30:36 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)

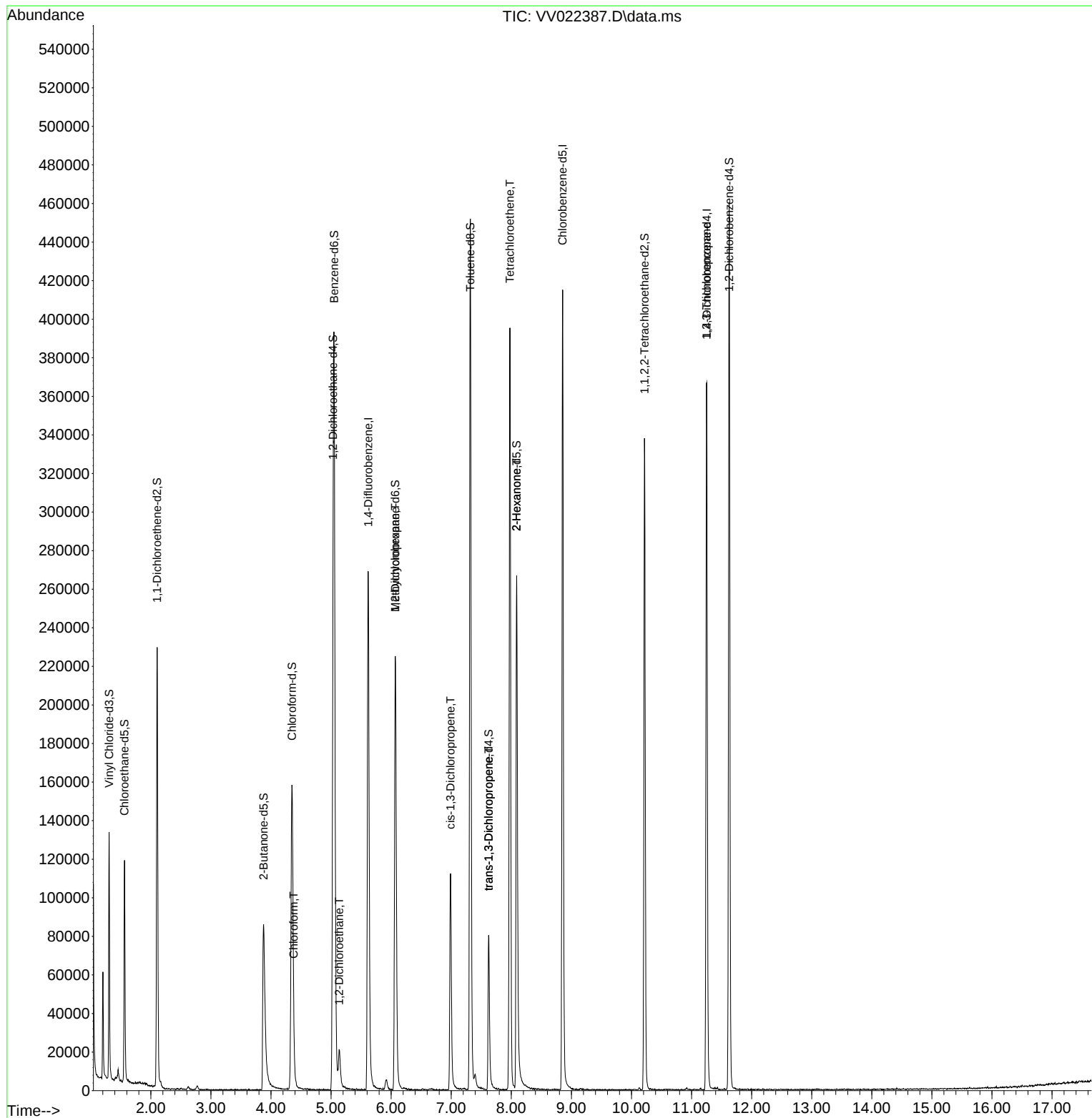
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	244585	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	233179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100681	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81329	39.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.561	69	71935	43.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	2.104	63	116692	32.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.660%
21) 2-Butanone-d5	3.876	46	131313	89.640	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.640%
24) Chloroform-d	4.349	84	167357	44.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.300%
26) 1,2-Dichloroethane-d4	5.034	65	107337	46.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
32) Benzene-d6	5.050	84	348753	47.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	6.069	67	114297	48.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	7.316	98	305268	45.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
43) trans-1,3-Dichloroprop...	7.622	79	46381	43.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.560%
47) 2-Hexanone-d5	8.088	63	90457	94.860	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	164821	48.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.760%
66) 1,2-Dichlorobenzene-d4	11.625	152	120880	53.994	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.980%
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	5890	1.707	ug/L	91
27) 1,2-Dichloroethane	5.137	62	17013	6.935	ug/L	99
35) Methylcyclohexane	6.069	83	27010	9.581	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	2988	1.112	ug/L #	74
44) trans-1,3-Dichloropropene	7.622	75	2073	0.808	ug/L #	66
46) Tetrachloroethene	7.976	164	89900	59.663	ug/L	99
48) 2-Hexanone	8.088	43	9762	5.002	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	11677	6.217	ug/L #	65

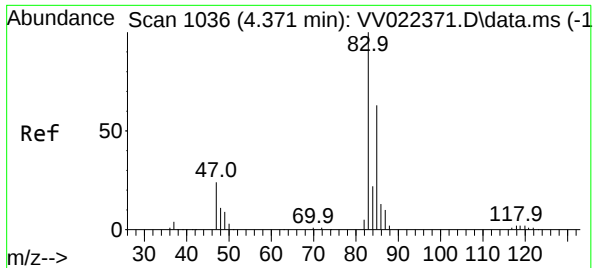
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 1.707 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022387.D

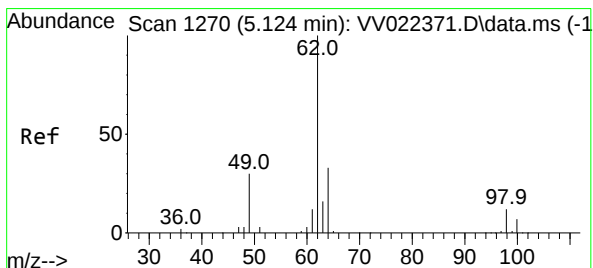
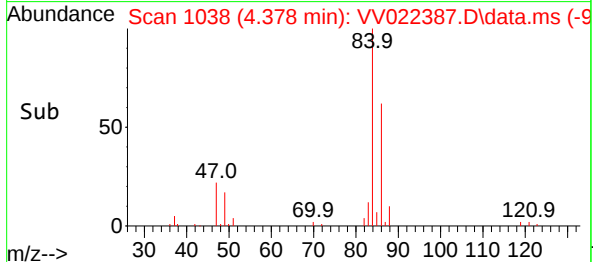
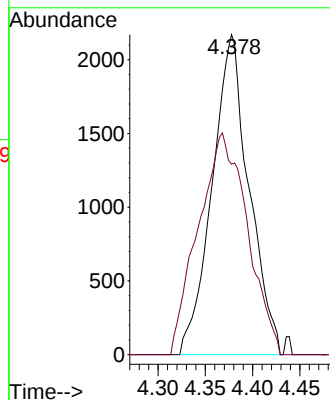
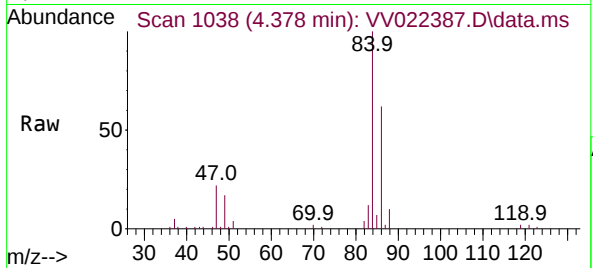
Acq: 29 Sep 2021 18:55

Tgt Ion: 83 Resp: 5890

Ion Ratio Lower Upper

83 100

85 59.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 6.935 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.013 min

Lab File: VV022387.D

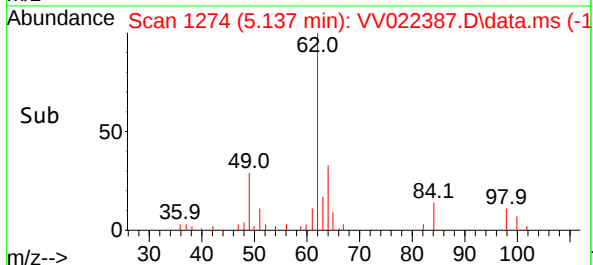
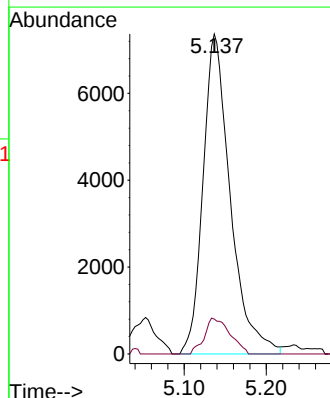
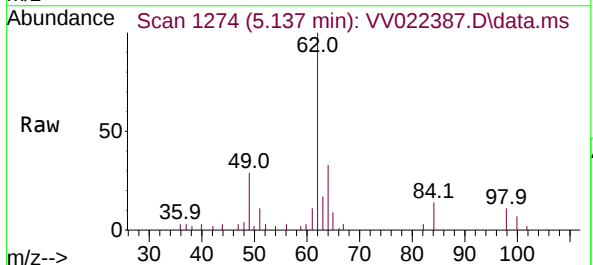
Acq: 29 Sep 2021 18:55

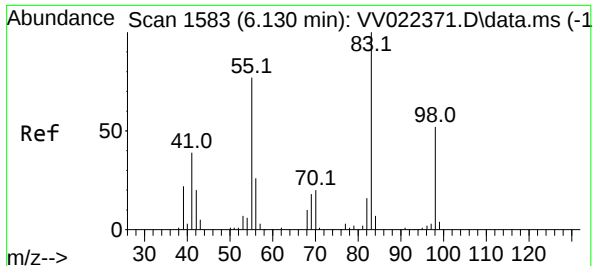
Tgt Ion: 62 Resp: 17013

Ion Ratio Lower Upper

62 100

98 10.9 8.9 13.3





#35

Methylcyclohexane

Concen: 9.581 ug/L

RT: 6.069 min Scan# 1564

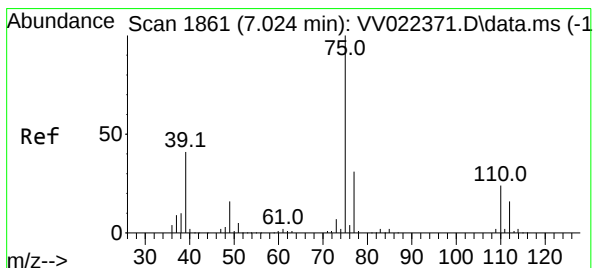
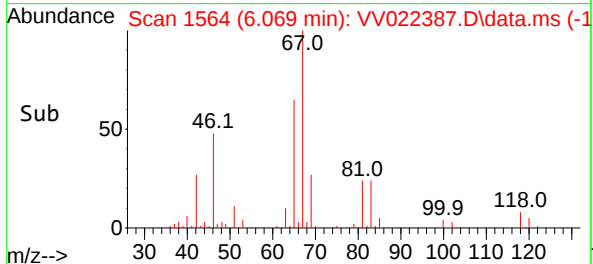
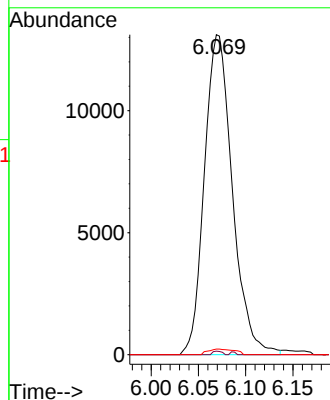
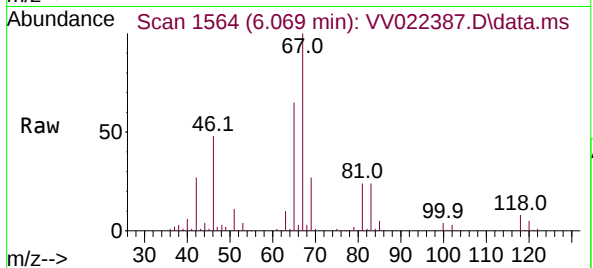
Delta R.T. -0.061 min

Lab File: VV022387.D

Acq: 29 Sep 2021 18:55

Tgt Ion:	83	Resp:	27010
Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.6	87.8#
98	1.7	39.2	58.8#

Instrument :
MSVOA_V
ClientSampled :
F4A21



#39

cis-1,3-Dichloropropene

Concen: 1.112 ug/L

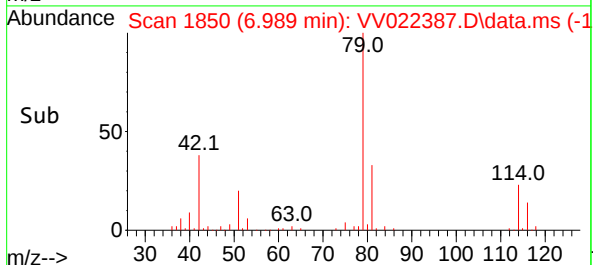
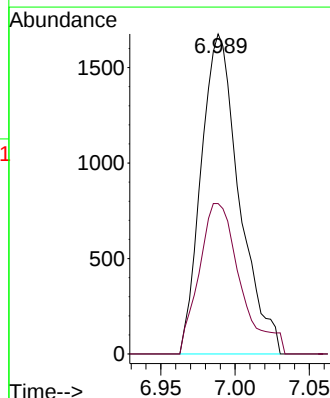
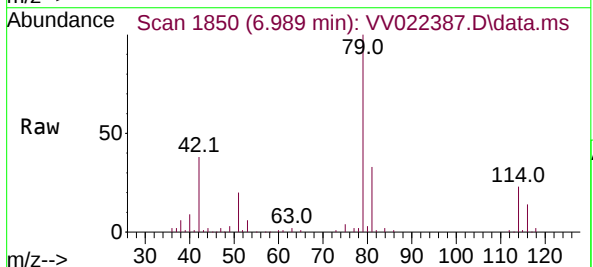
RT: 6.989 min Scan# 1850

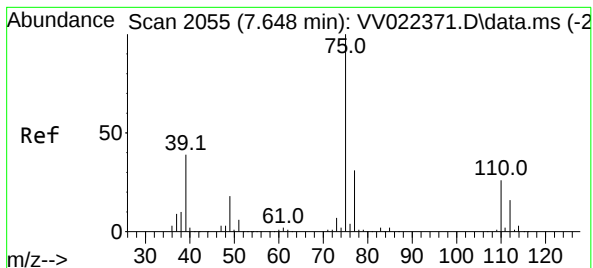
Delta R.T. -0.035 min

Lab File: VV022387.D

Acq: 29 Sep 2021 18:55

Tgt Ion:	75	Resp:	2988
Ion	Ratio	Lower	Upper
75	100		
77	47.0	22.7	42.1#



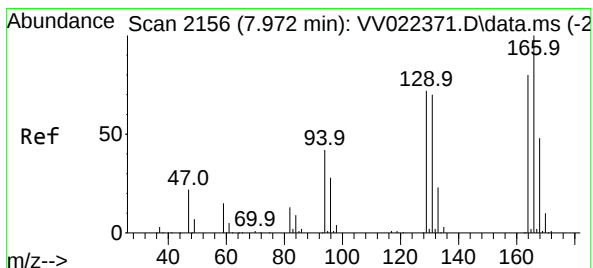
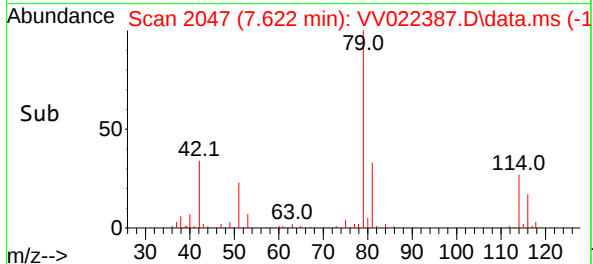
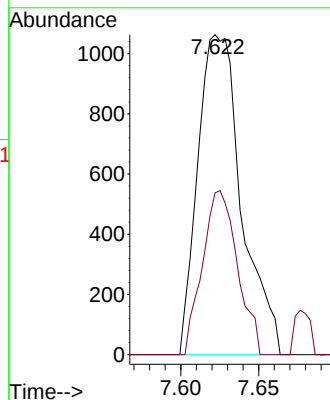
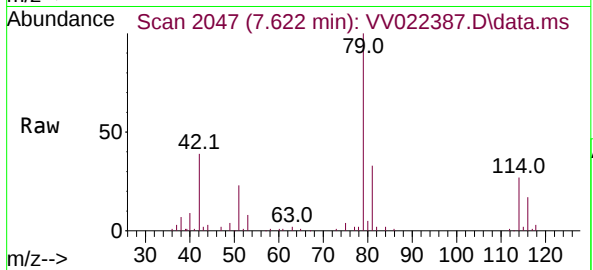


#44

trans-1,3-Dichloropropene
Concen: 0.808 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022387.D
Acq: 29 Sep 2021 18:55

Instrument :
MSVOA_V
ClientSampled :
F4A21

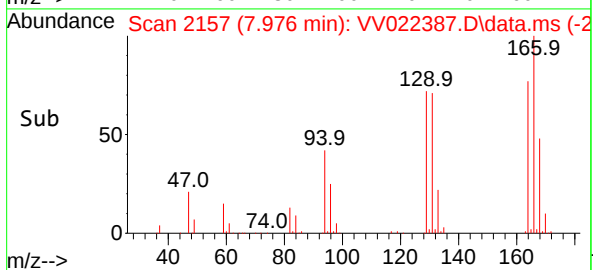
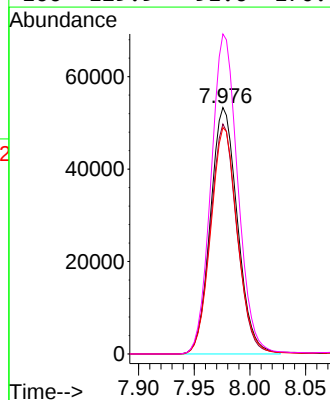
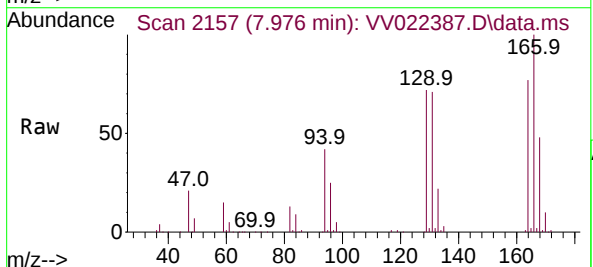
Tgt Ion: 75 Resp: 2073
Ion Ratio Lower Upper
75 100
77 50.6 22.3 41.3#

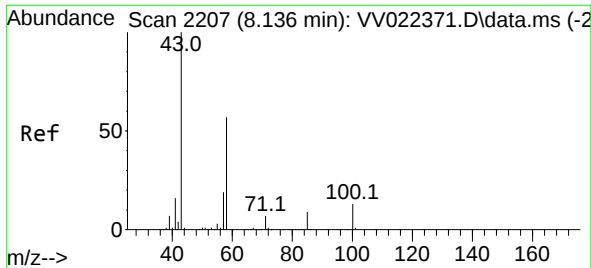


#46

Tetrachloroethene
Concen: 59.663 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022387.D
Acq: 29 Sep 2021 18:55

Tgt Ion: 164 Resp: 89900
Ion Ratio Lower Upper
164 100
129 93.3 66.4 123.4
131 91.9 63.6 118.0
166 129.9 91.6 170.0

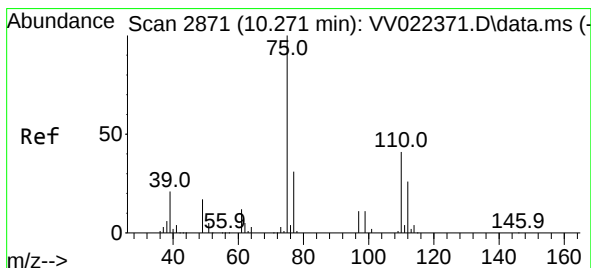
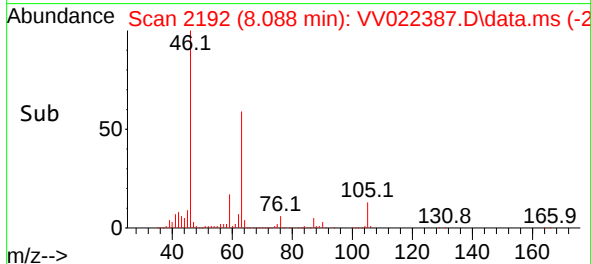
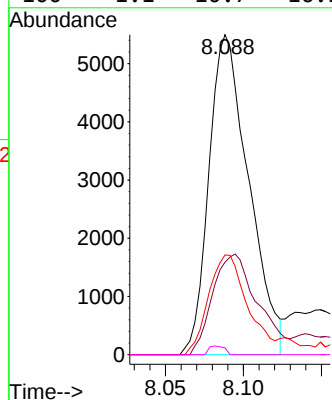
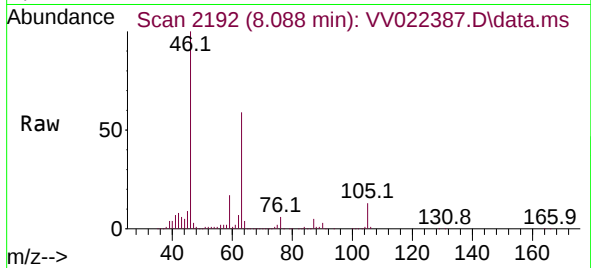




#48
2-Hexanone
Concen: 5.002 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022387.D
Acq: 29 Sep 2021 18:55

Instrument :
MSVOA_V
ClientSampleId :
F4A21

Tgt Ion: 43	Resp: 9762
Ion Ratio	Lower Upper
43 100	
58 35.9	45.4 68.2#
57 30.5	15.0 22.4#
100 1.1	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.217 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV022387.D
Acq: 29 Sep 2021 18:55

Tgt Ion: 75	Resp: 11677
Ion Ratio	Lower Upper
75 100	
77 29.9	25.4 38.0
110 3.0	32.6 48.8#

