

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048437.D
 Acq On : 05 May 2022 15:10
 Operator : SY/MD
 Sample : N2710-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL85

Quant Time: May 06 05:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

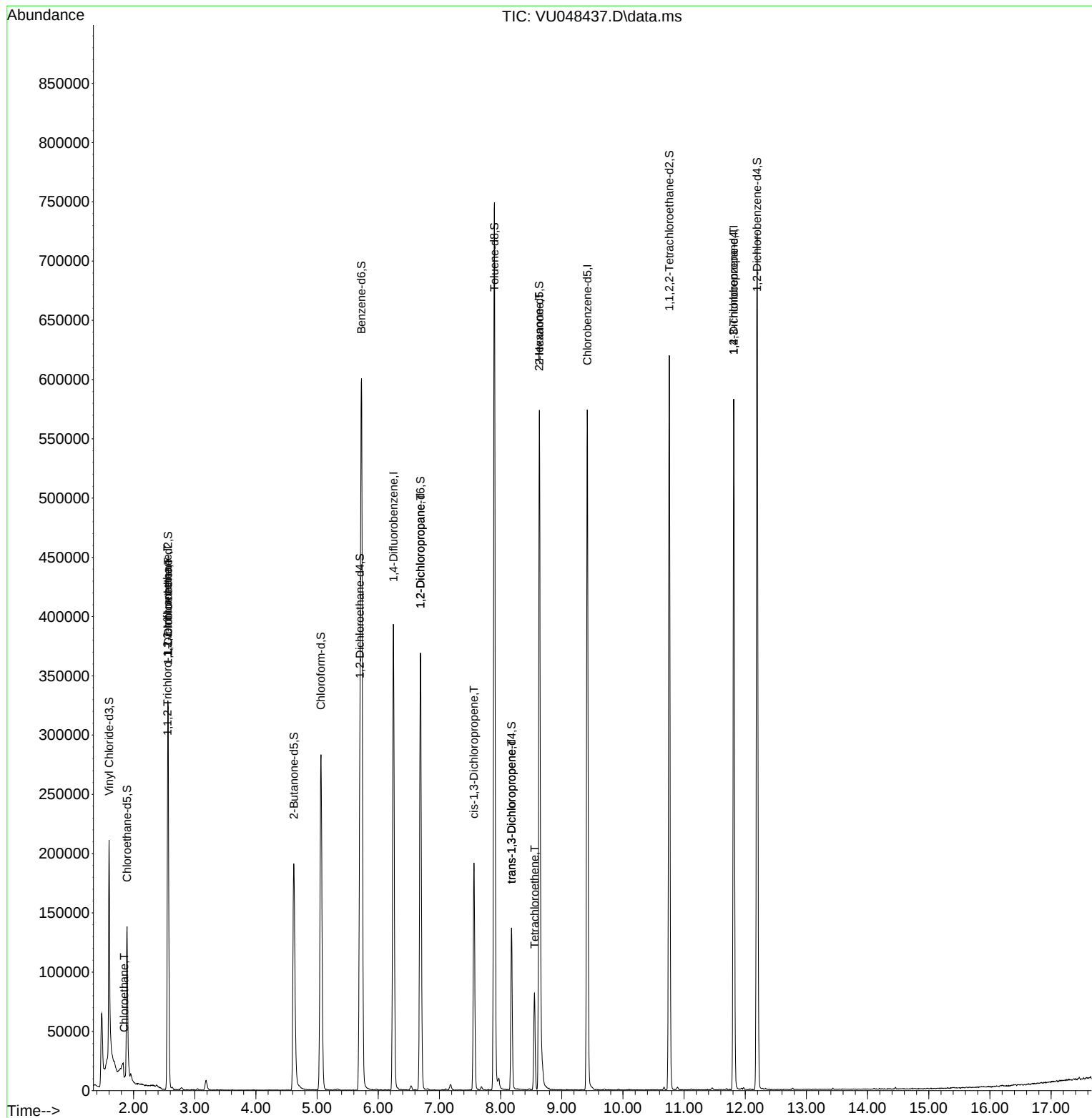
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	349531	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	354552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	172215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	147961	46.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.060%
7) Chloroethane-d5	1.893	69	115754	51.306	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.620%
11) 1,1-Dichloroethene-d2	2.562	63	185975	36.111	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	4.620	46	276941	101.022	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.020%
24) Chloroform-d	5.063	84	270108	46.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
26) 1,2-Dichloroethane-d4	5.700	65	164907	47.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.340%
32) Benzene-d6	5.726	84	597704	53.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
36) 1,2-Dichloropropane-d6	6.690	67	193002	52.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.420%
41) Toluene-d8	7.899	98	521680	51.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.940%
43) trans-1,3-Dichloroprop...	8.179	79	79204	48.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.100%
47) 2-Hexanone-d5	8.632	63	205200	102.882	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	312657	48.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	214787	55.443	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.880%
Target Compounds						Qvalue
8) Chloroethane	1.845	64	2487	1.444	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	2171	0.825	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1637	0.712	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	17938	6.006	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4142	0.986	ug/L #	58
44) trans-1,3-Dichloropropene	8.179	75	3048	0.743	ug/L	87
46) Tetrachloroethene	8.555	164	19793	8.963	ug/L	96
48) 2-Hexanone	8.636	43	22595	6.007	ug/L #	74
60) 1,2,3-Trichloropropane	11.812	75	17109	4.259	ug/L #	66

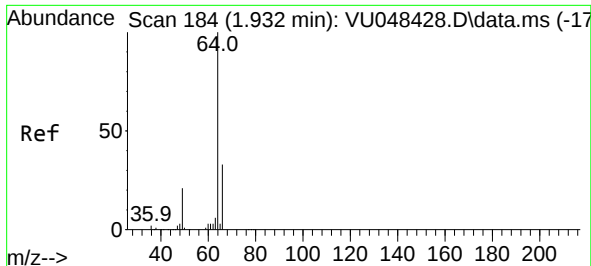
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 06 05:30:23 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.444 ug/L

RT: 1.845 min Scan# 11

Delta R.T. -0.087 min

Lab File: VU048437.D

Acq: 05 May 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

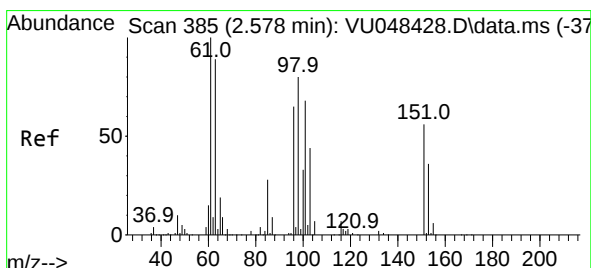
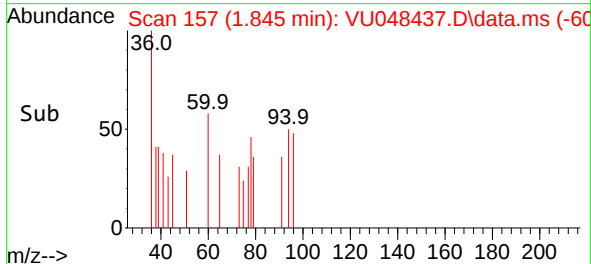
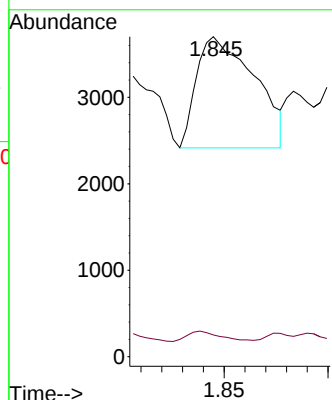
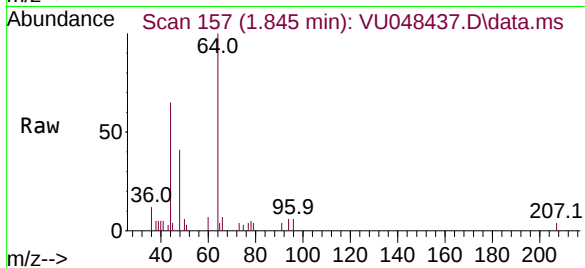
EXL85

Tgt Ion: 64 Resp: 2487

Ion Ratio Lower Upper

64 100

66 6.5 21.9 40.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.825 ug/L

RT: 2.555 min Scan# 378

Delta R.T. -0.023 min

Lab File: VU048437.D

Acq: 05 May 2022 15:10

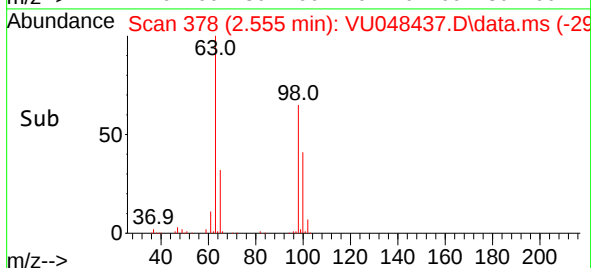
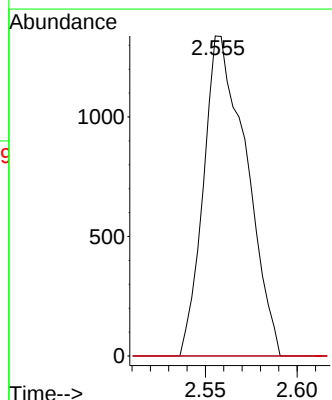
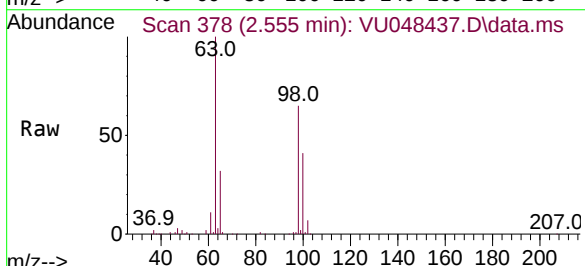
Tgt Ion: 101 Resp: 2171

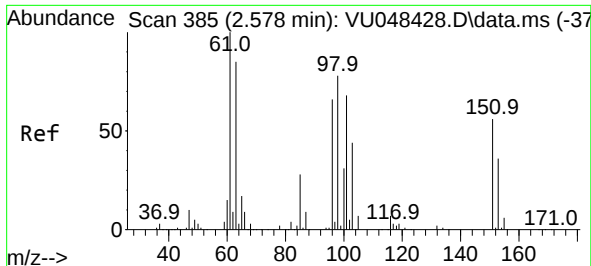
Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.712 ug/L

RT: 2.565 min Scan# 31

Delta R.T. -0.013 min

Lab File: VU048437.D

Acq: 05 May 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

EXL85

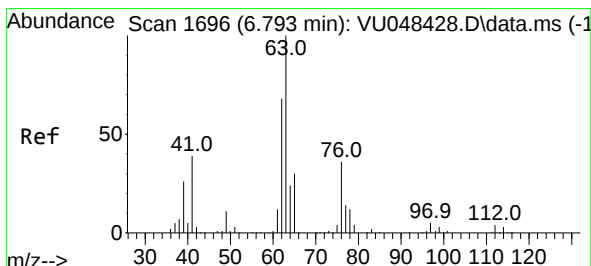
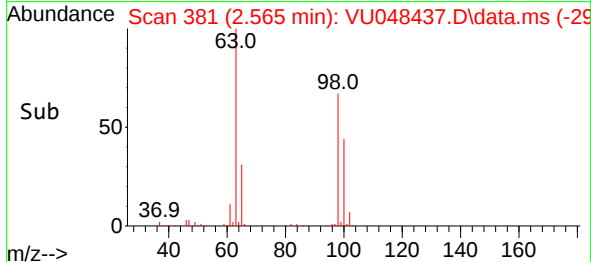
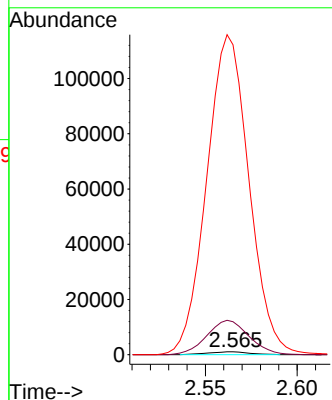
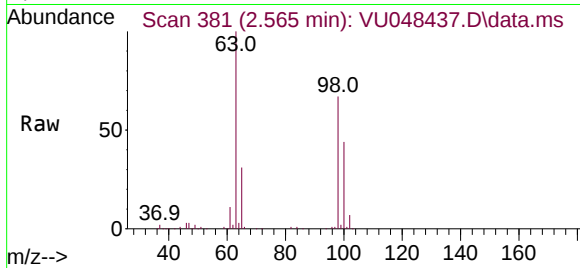
Tgt Ion: 96 Resp: 1637

Ion Ratio Lower Upper

96 100

61 1125.6 107.9 200.3#

63 10571.8 80.3 149.1#



#37

1,2-Dichloropropane

Concen: 6.006 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048437.D

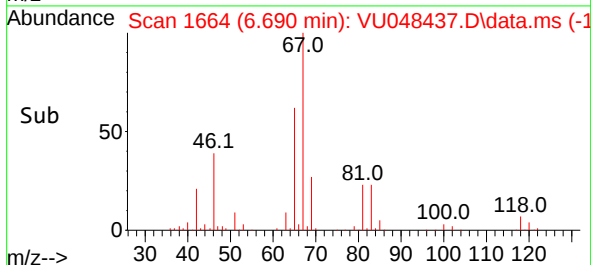
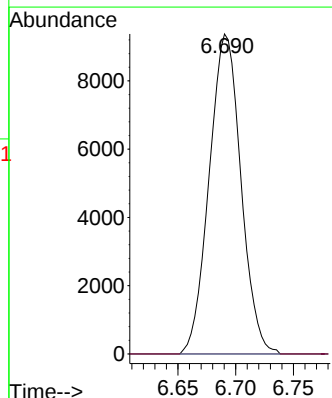
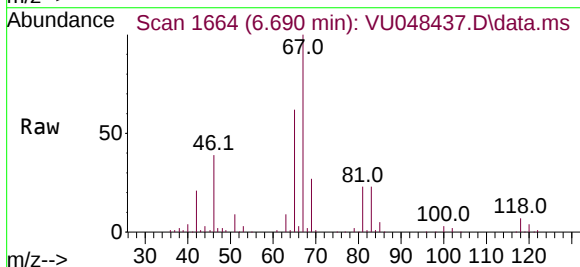
Acq: 05 May 2022 15:10

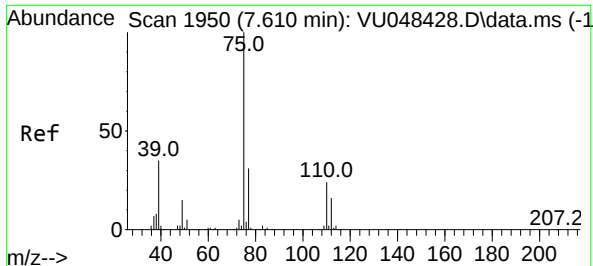
Tgt Ion: 63 Resp: 17938

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.986 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048437.D

Acq: 05 May 2022 15:10

Instrument :

MSVOA_U

ClientSampleId :

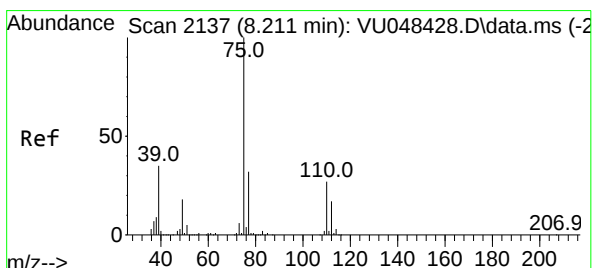
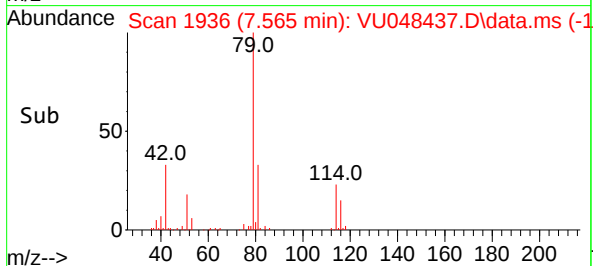
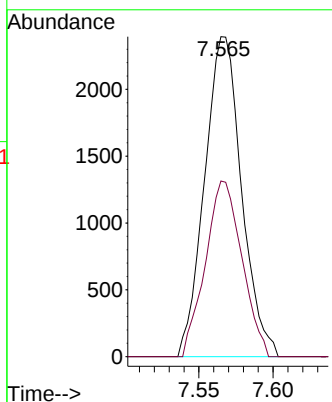
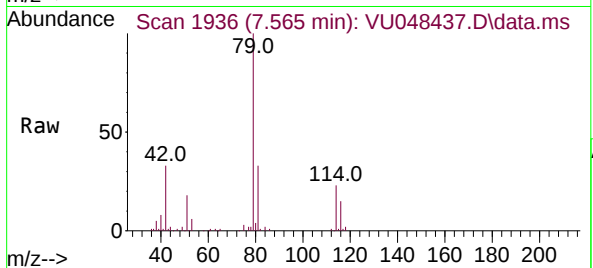
EXL85

Tgt Ion: 75 Resp: 4142

Ion Ratio Lower Upper

75 100

77 54.9 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048437.D

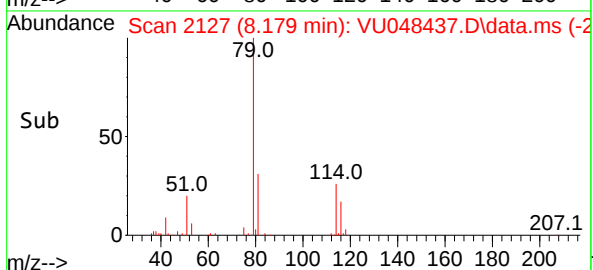
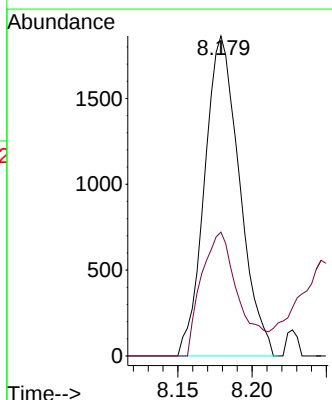
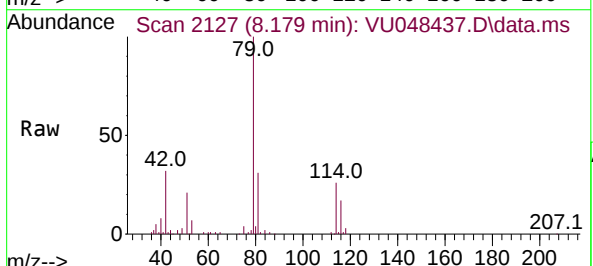
Acq: 05 May 2022 15:10

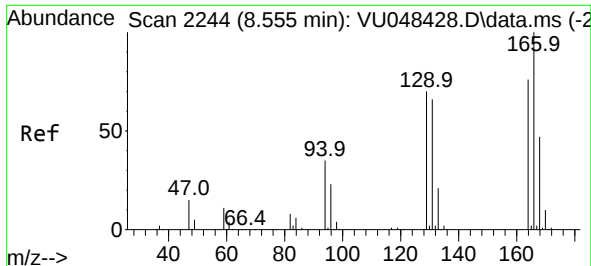
Tgt Ion: 75 Resp: 3048

Ion Ratio Lower Upper

75 100

77 38.7 22.1 41.1



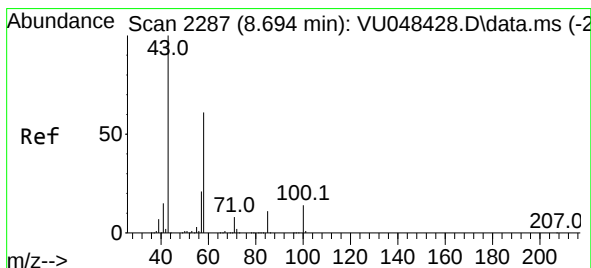
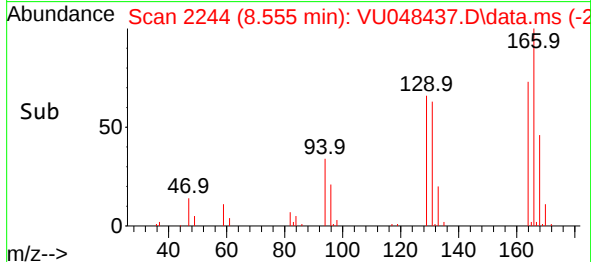
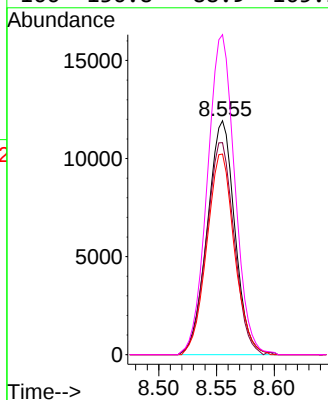
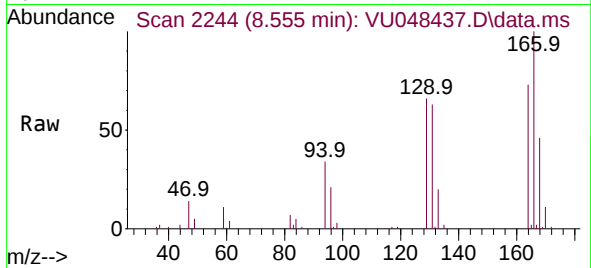


#46
Tetrachloroethene
Concen: 8.963 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048437.D
Acq: 05 May 2022 15:10

Instrument :
MSVOA_U
ClientSampleId :
EXL85

Tgt Ion:164 Resp: 19793

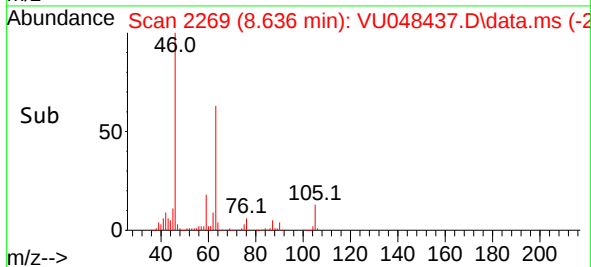
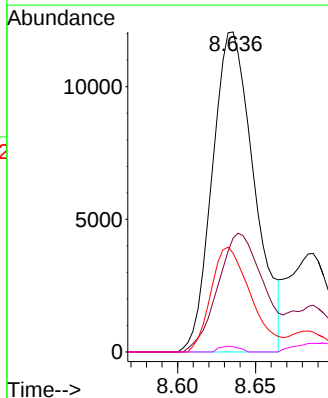
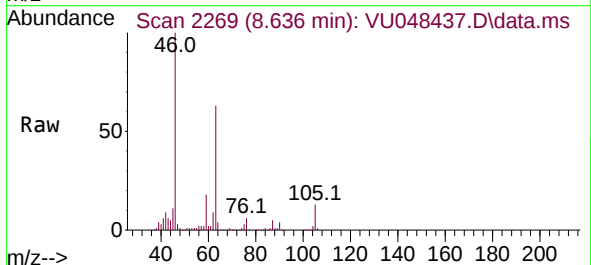
Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.3	117.7
131	85.8	61.2	113.6
166	136.8	88.9	165.1

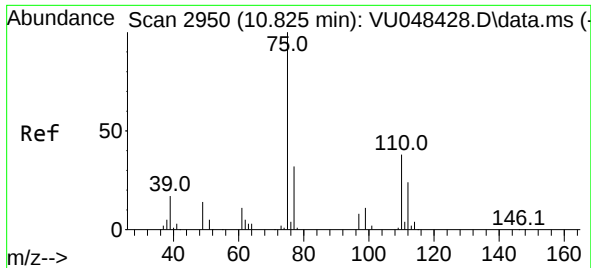


#48
2-Hexanone
Concen: 6.007 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.058 min
Lab File: VU048437.D
Acq: 05 May 2022 15:10

Tgt Ion: 43 Resp: 22595

Ion	Ratio	Lower	Upper
43	100		
58	40.8	48.1	72.1#
57	31.5	16.2	24.4#
100	0.9	10.3	15.5#





#60
 1,2,3-Trichloropropane
 Concen: 4.259 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048437.D
 Acq: 05 May 2022 15:10

Instrument :
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 ClientSampleId :
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Tgt Ion: 75	Resp:	17109
Ion	Ratio	Lower Upper
75	100	
77	28.5	25.8 38.8
110	2.5	29.9 44.9#

