

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048476.D
 Acq On : 06 May 2022 23:40
 Operator : SY/MD
 Sample : N2710-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLB2

Quant Time: May 07 04:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:43:33 2022
 Response via : Initial Calibration

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

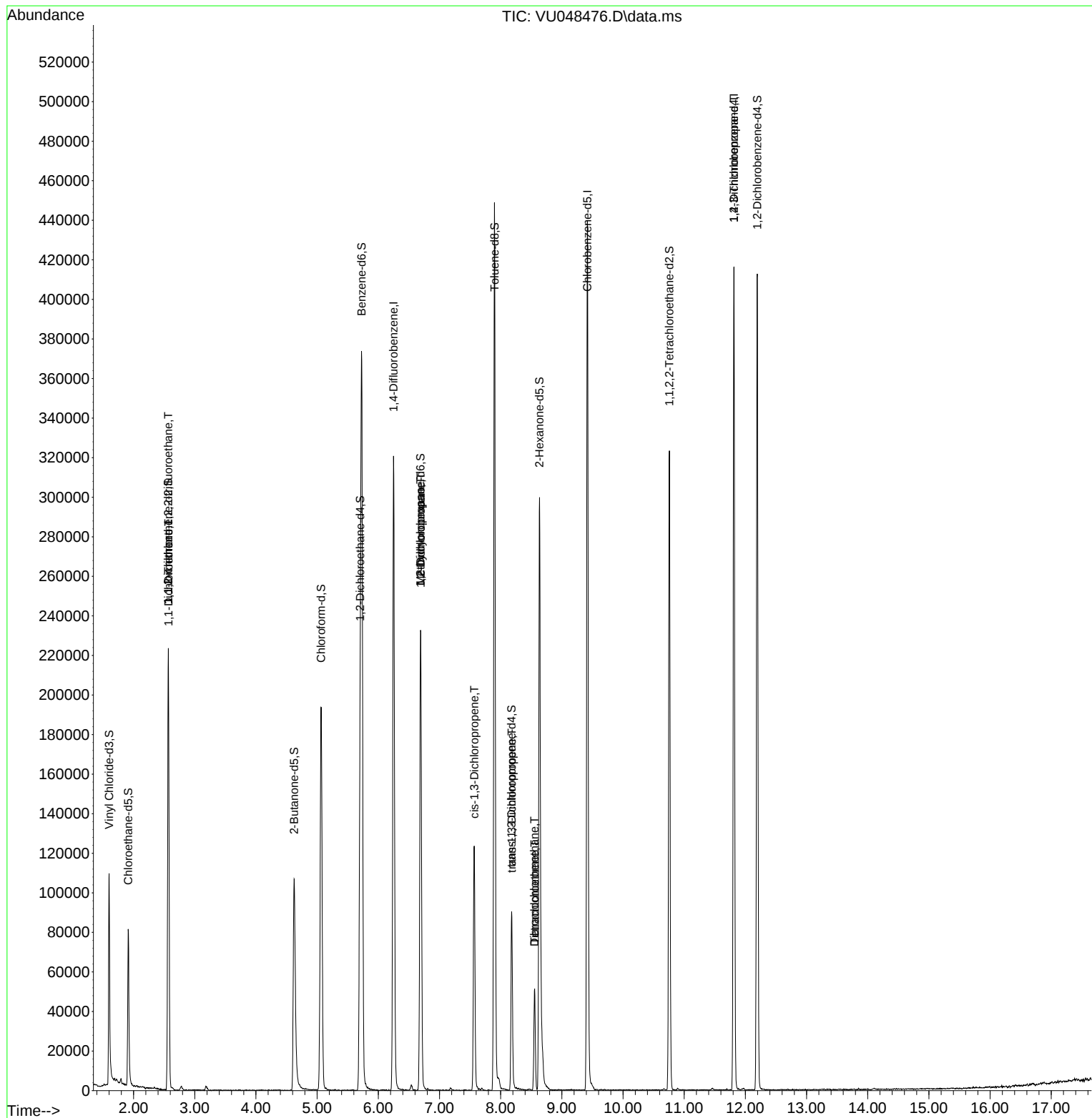
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	252169	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	241494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82026	37.770	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.540%
7) Chloroethane-d5	1.913	69	60685	42.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	2.568	63	134710	34.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.700%
21) 2-Butanone-d5	4.623	46	154716	83.652	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.650%
24) Chloroform-d	5.064	84	184830	48.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	132108	53.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.760%
32) Benzene-d6	5.729	84	335553	45.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	6.690	67	105207	43.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.920%
41) Toluene-d8	7.899	98	290779	44.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.179	79	51456	46.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
47) 2-Hexanone-d5	8.633	63	93490	80.716	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	150973	41.417	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	106835	49.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1173	0.628	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	935	0.529	ug/L #	1
35) Methylcyclohexane	6.690	83	26161	8.022	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	12498	5.385	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	3342	1.012	ug/L #	80
44) trans-1,3-Dichloropropene	8.182	75	2454	0.765	ug/L	83
46) Tetrachloroethene	8.555	164	10807	7.038	ug/L	96
49) Dibromochloromethane	8.552	129	10925	4.847	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	11924	4.219	ug/L #	67

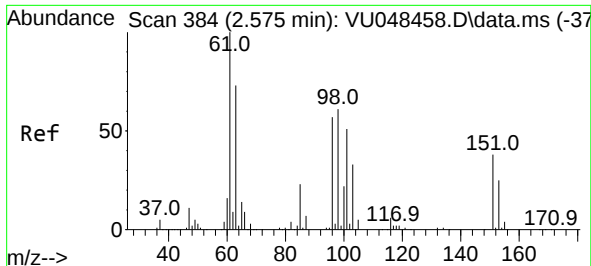
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 06 23:43:33 2022
Response via : Initial Calibration





#10

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

Concen: 0.628 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.006 min

Lab File: VU048476.D

Acq: 06 May 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

EXLB2

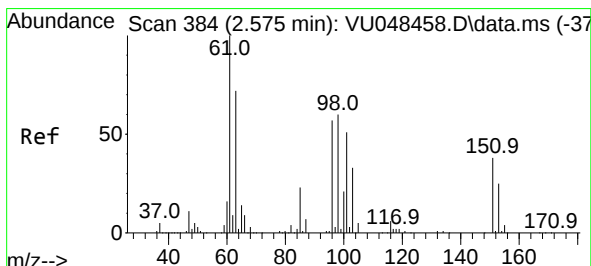
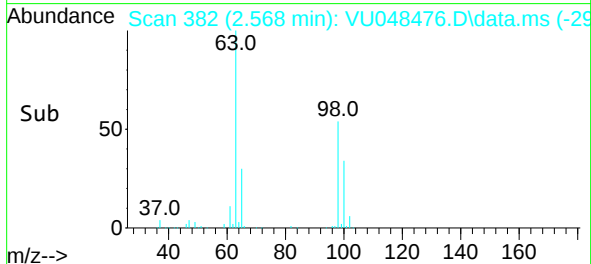
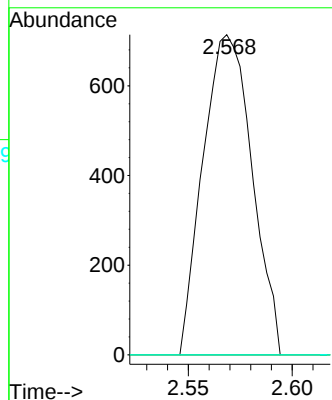
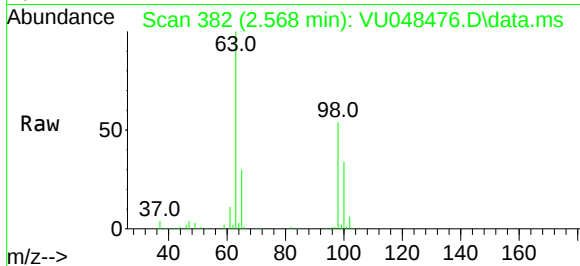
Tgt Ion:101 Resp: 1173

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 0.529 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU048476.D

Acq: 06 May 2022 23:40

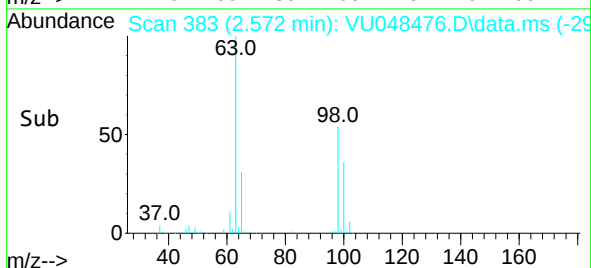
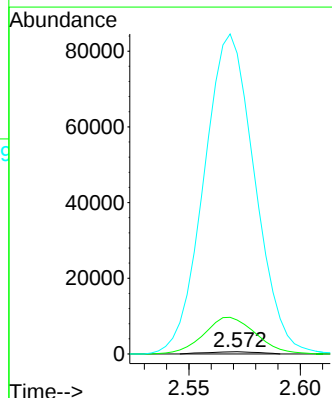
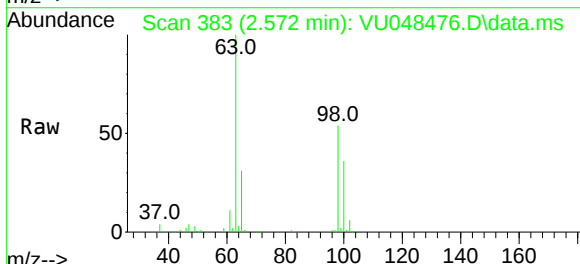
Tgt Ion: 96 Resp: 935

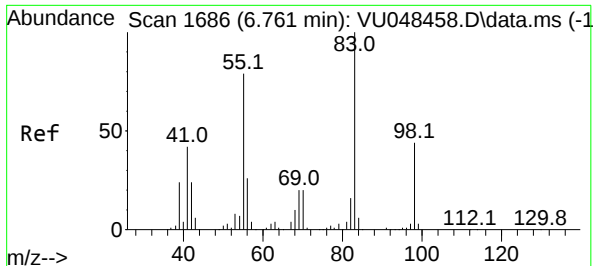
Ion Ratio Lower Upper

96 100

61 1545.4 124.5 231.3#

63 13717.4 92.5 171.9#





#35

Methylcyclohexane

Concen: 8.022 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

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ClientSampleId :

EXLB2

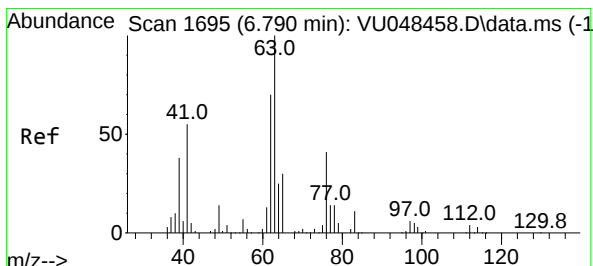
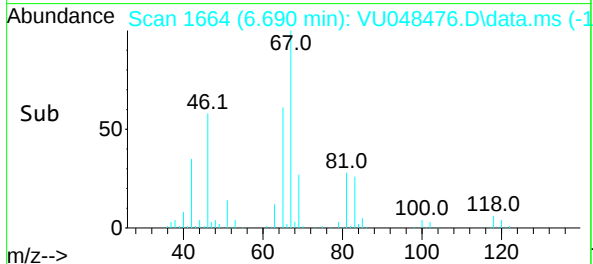
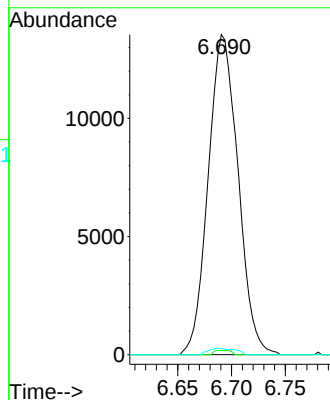
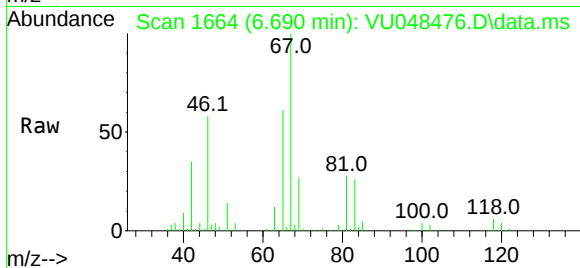
Tgt Ion: 83 Resp: 26161

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

98 1.3 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 5.385 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU048476.D

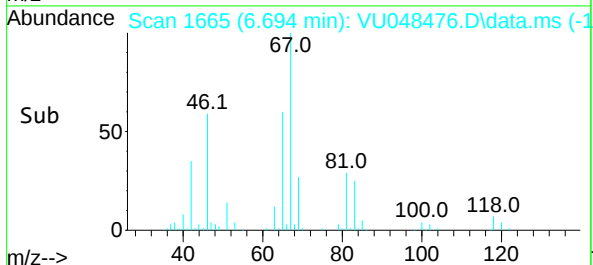
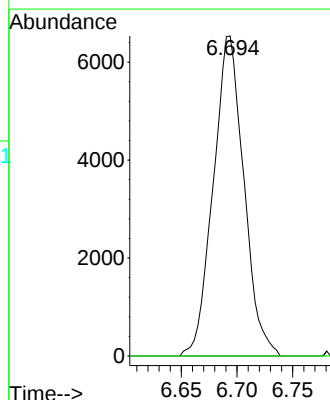
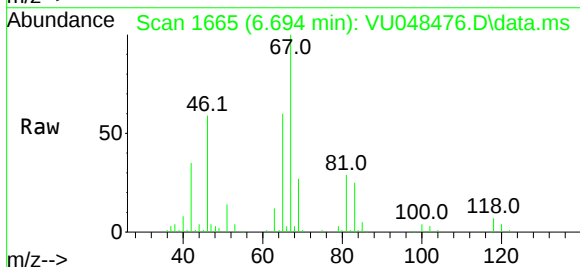
Acq: 06 May 2022 23:40

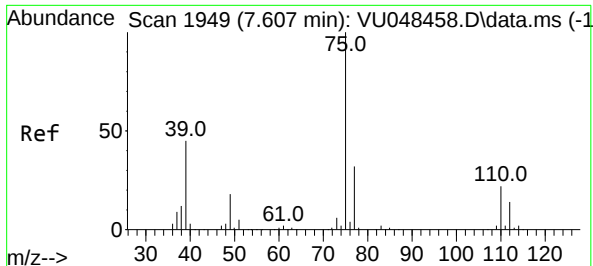
Tgt Ion: 63 Resp: 12498

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU048476.D

Acq: 06 May 2022 23:40

Instrument :

MSVOA_U

ClientSampleId :

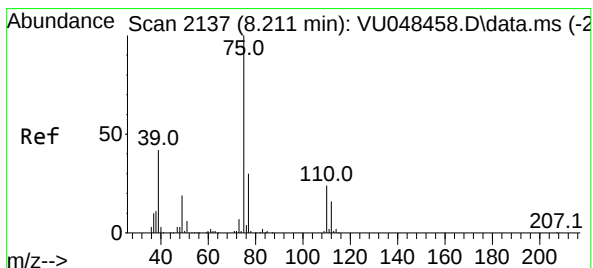
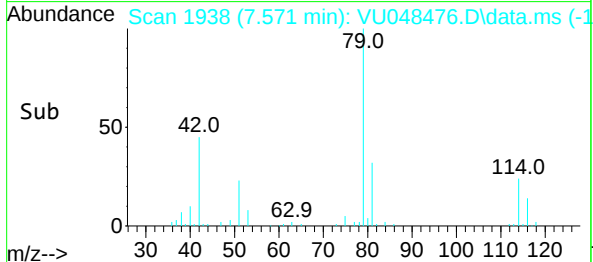
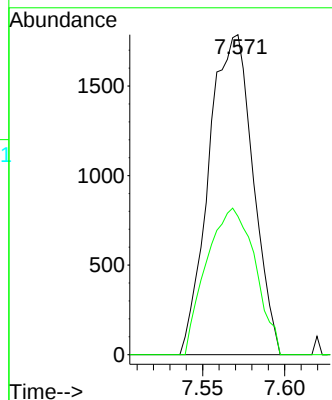
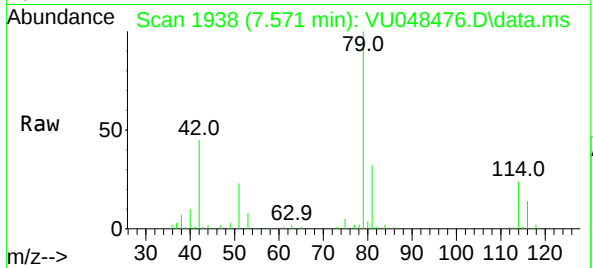
EXLB2

Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 43.2 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048476.D

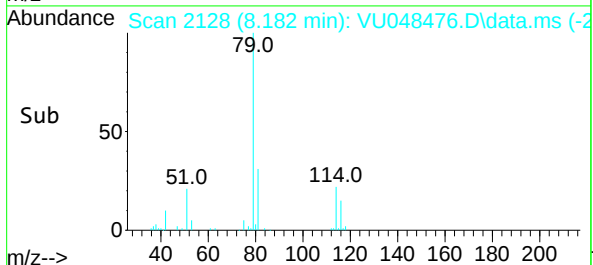
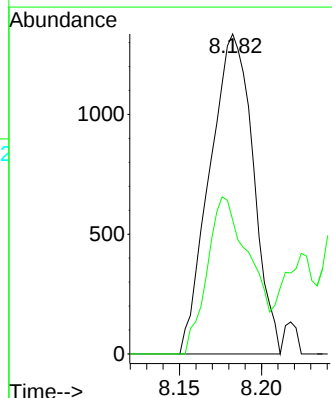
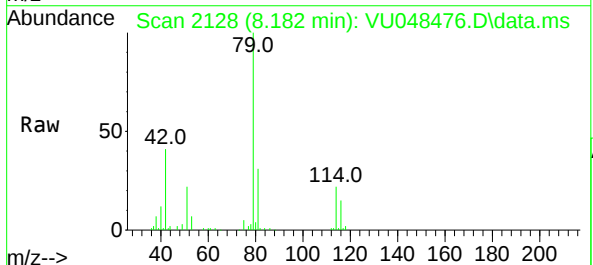
Acq: 06 May 2022 23:40

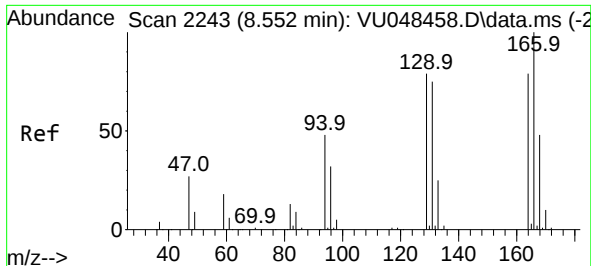
Tgt Ion: 75 Resp: 2454

Ion Ratio Lower Upper

75 100

77 41.8 22.6 42.0

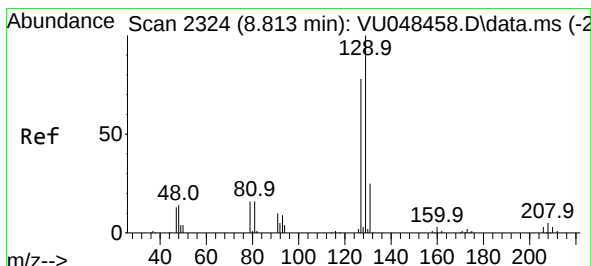
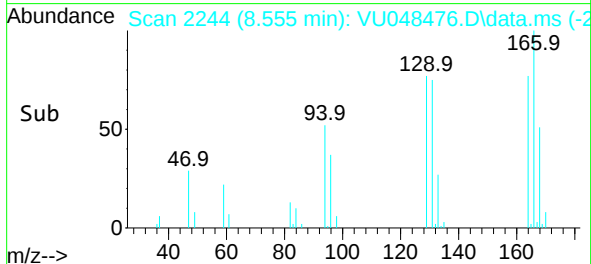
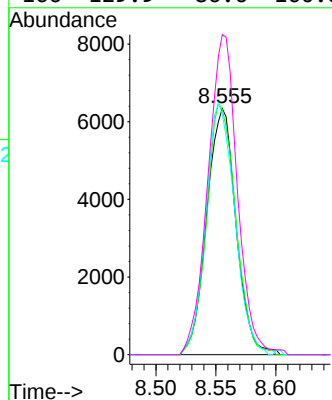
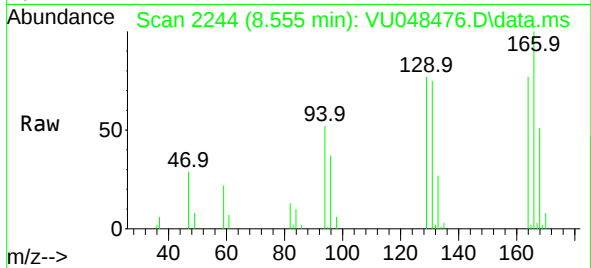




#46
Tetrachloroethene
Concen: 7.038 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU048476.D
Acq: 06 May 2022 23:40

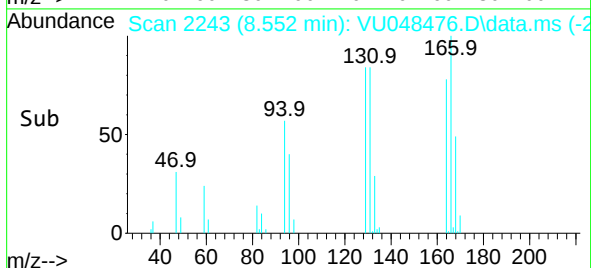
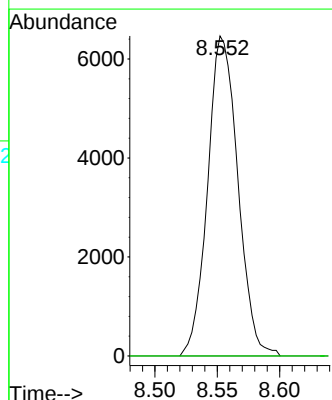
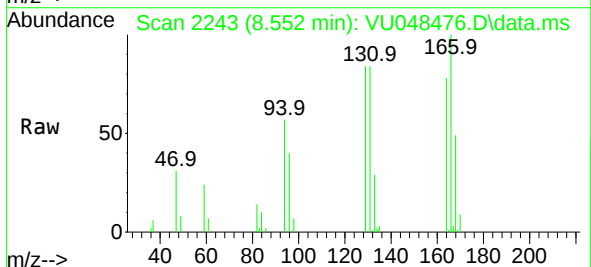
Instrument :
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ClientSampleId :
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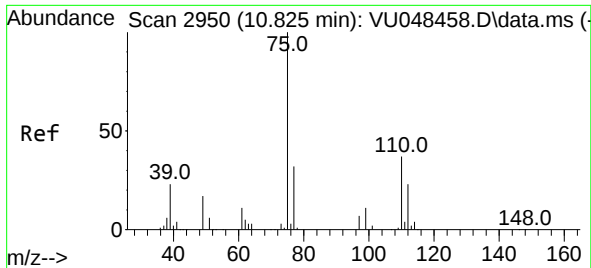
Tgt Ion:164 Resp: 10807
Ion Ratio Lower Upper
164 100
129 99.6 69.2 128.6
131 97.8 65.2 121.0
166 129.9 86.6 160.8



#49
Dibromochloromethane
Concen: 4.847 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU048476.D
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Tgt Ion:129 Resp: 10925
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#





#60
 1,2,3-Trichloropropane
 Concen: 4.219 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048476.D
 Acq: 06 May 2022 23:40

Instrument :
 MSVOA_U
 ClientSampleId :
 EXLB2

Tgt Ion: 75 Resp: 11924
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.5 38.3
 110 2.8 28.9 43.3#

