

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051822\
 Data File : VU048620.D
 Acq On : 18 May 2022 17:42
 Operator : SY/MD
 Sample : N2849-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX6

Quant Time: May 19 06:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 19 06:01:59 2022
 Response via : Initial Calibration

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

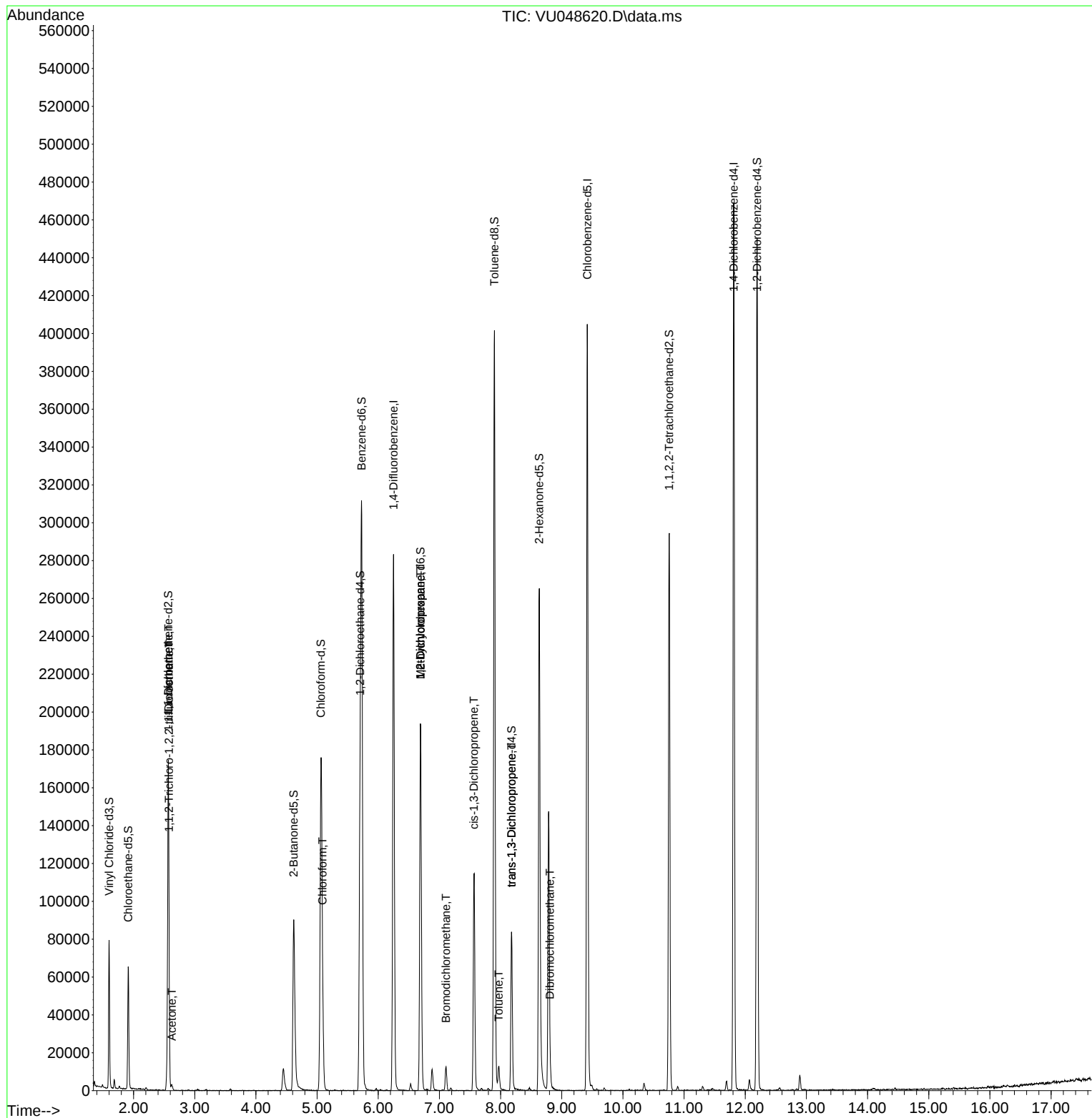
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	229136	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	227358	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53502	38.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.240%
7) Chloroethane-d5	1.912	69	44475	42.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.568	63	100547	31.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.360%
21) 2-Butanone-d5	4.616	46	122008	91.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.350%
24) Chloroform-d	5.063	84	160523	45.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	5.703	65	119572	47.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.729	84	279762	44.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.420%
36) 1,2-Dichloropropane-d6	6.690	67	81089	43.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.300%
41) Toluene-d8	7.899	98	265265	44.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.140%
43) trans-1,3-Dichloroprop...	8.179	79	48695	40.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.980%
47) 2-Hexanone-d5	8.632	63	89641	87.994	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.990%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	134583	43.784	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	121125	45.921	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	853	0.530	ug/L #	17
12) 1,1-Dichloroethene	2.572	96	701	0.470	ug/L #	1
13) Acetone	2.626	43	3288	3.030	ug/L	94
25) Chloroform	5.089	83	31489	9.164	ug/L	96
35) Methylcyclohexane	6.690	83	23041	8.544	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	10825	6.518	ug/L #	86
38) Bromodichloromethane	7.105	83	8539	3.178	ug/L #	96
39) cis-1,3-Dichloropropene	7.565	75	3174	1.119	ug/L #	63
42) Toluene	7.970	91	8931	1.234	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	2190	0.732	ug/L	95
49) Dibromochloromethane	8.809	129	3788	1.657	ug/L	95

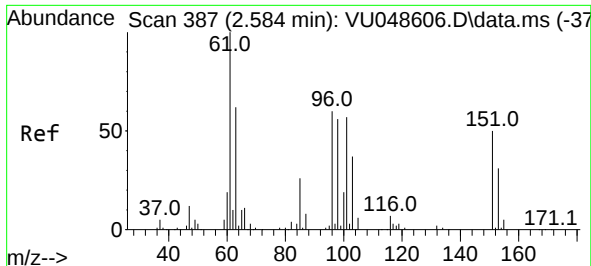
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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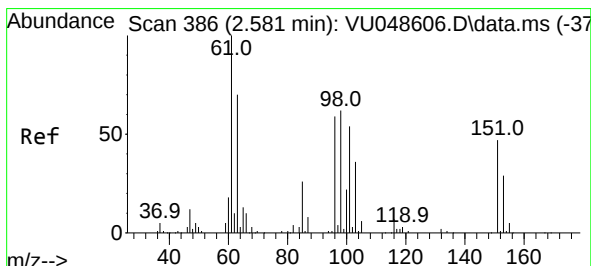
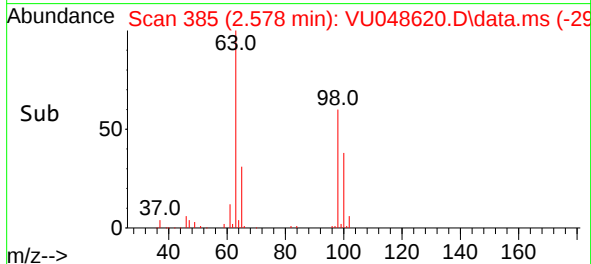
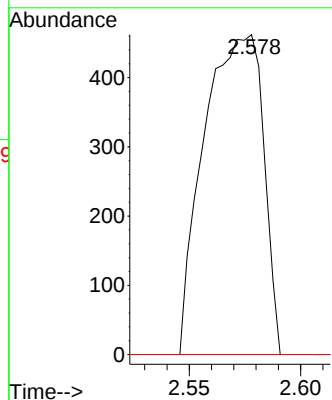
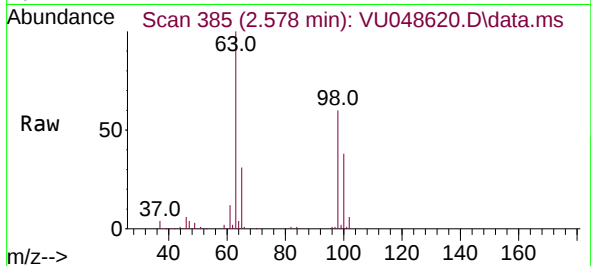




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.530 ug/L
 RT: 2.578 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU048620.D
 Acq: 18 May 2022 17:42

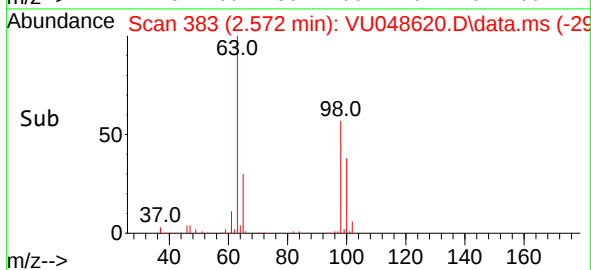
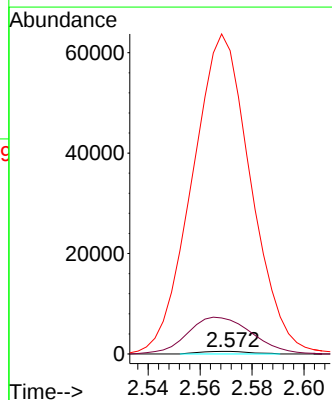
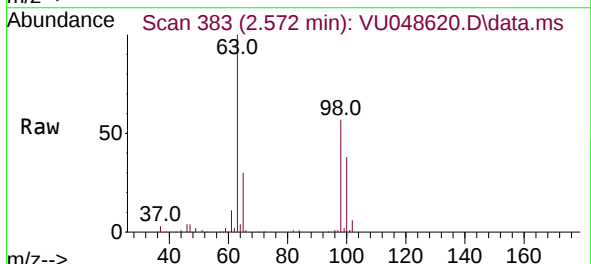
Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX6

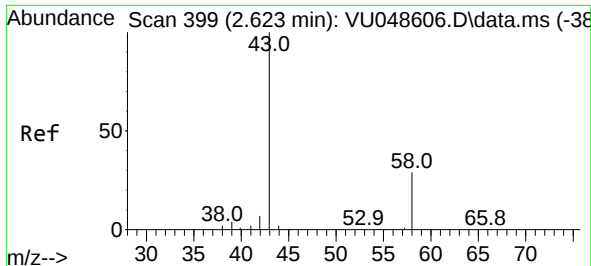
Tgt Ion:101 Resp: 853
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 0.0 64.4 96.6#



#12
 1,1-Dichloroethene
 Concen: 0.470 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU048620.D
 Acq: 18 May 2022 17:42

Tgt Ion: 96 Resp: 701
 Ion Ratio Lower Upper
 96 100
 61 1354.1 120.6 224.0#
 63 12110.6 82.3 152.9#





#13

Acetone

Concen: 3.030 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048620.D

Acq: 18 May 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

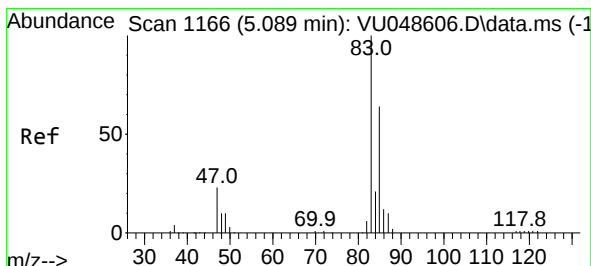
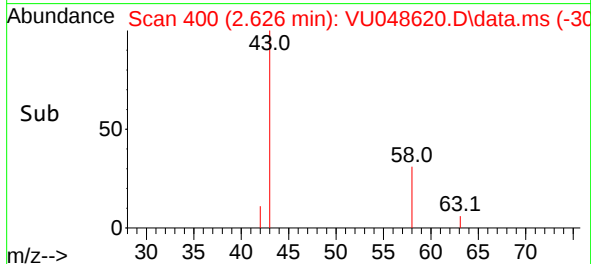
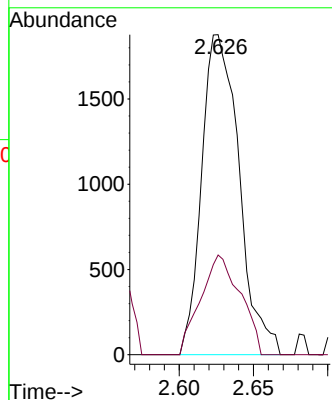
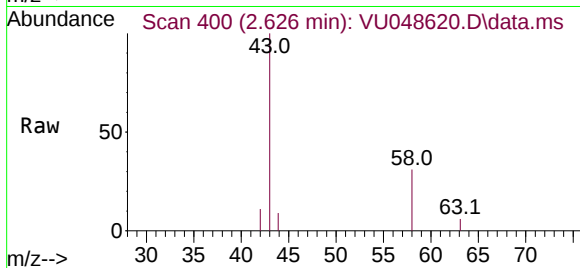
EXXX6

Tgt Ion: 43 Resp: 3288

Ion Ratio Lower Upper

43 100

58 33.1 0.0 59.8



#25

Chloroform

Concen: 9.164 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048620.D

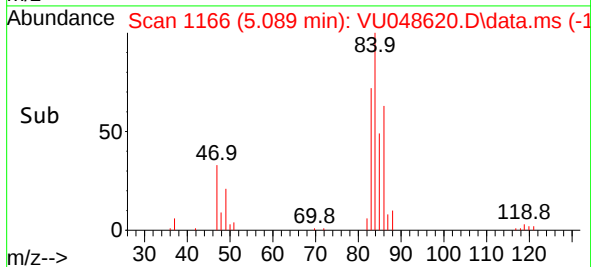
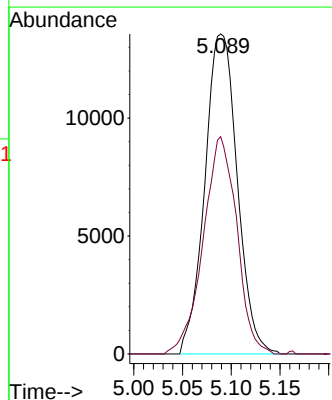
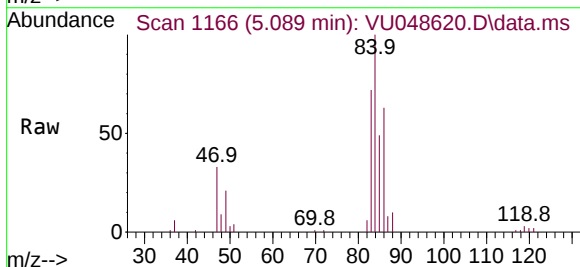
Acq: 18 May 2022 17:42

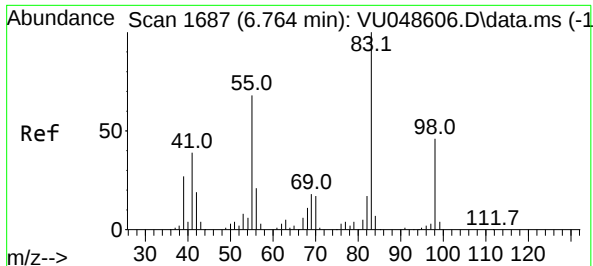
Tgt Ion: 83 Resp: 31489

Ion Ratio Lower Upper

83 100

85 67.9 45.1 83.7





#35

Methylcyclohexane

Concen: 8.544 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU048620.D

Acq: 18 May 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

EXXX6

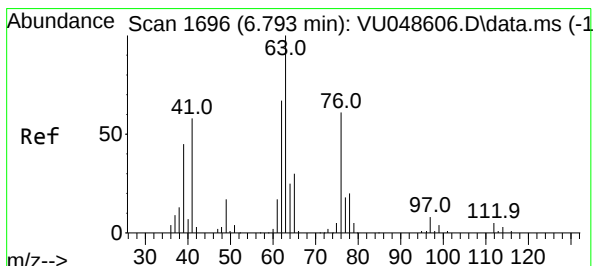
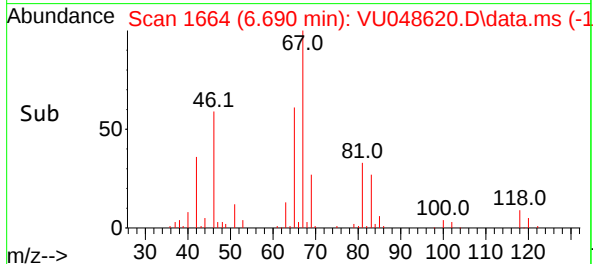
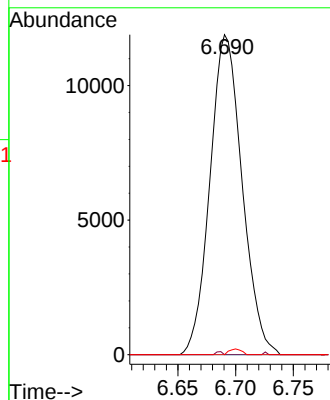
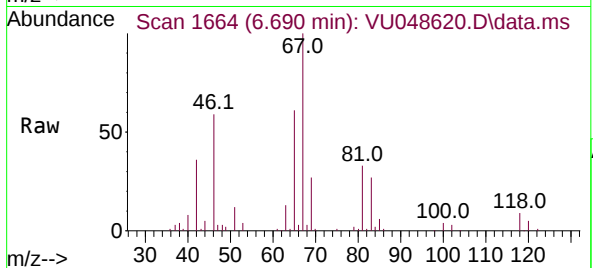
Tgt Ion: 83 Resp: 23041

Ion Ratio Lower Upper

83 100

55 0.2 56.2 84.4#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 6.518 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048620.D

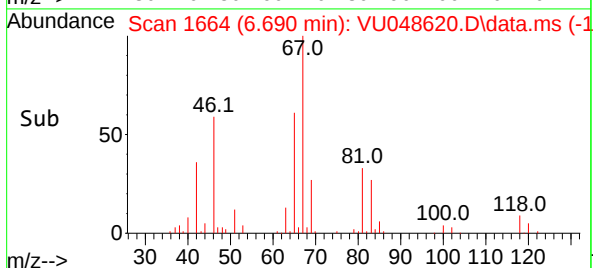
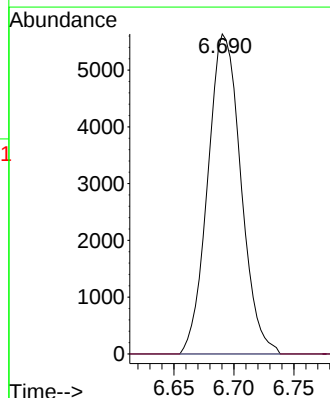
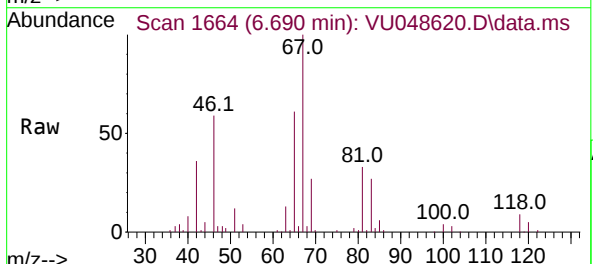
Acq: 18 May 2022 17:42

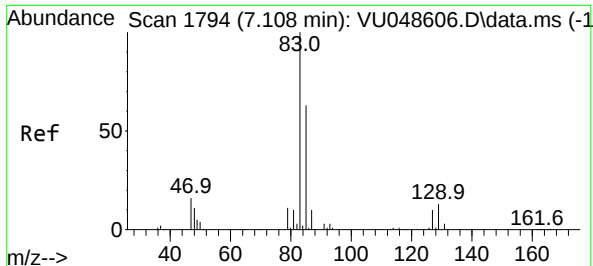
Tgt Ion: 63 Resp: 10825

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#38

Bromodichloromethane

Concen: 3.178 ug/L

RT: 7.105 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048620.D

Acq: 18 May 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

EXXX6

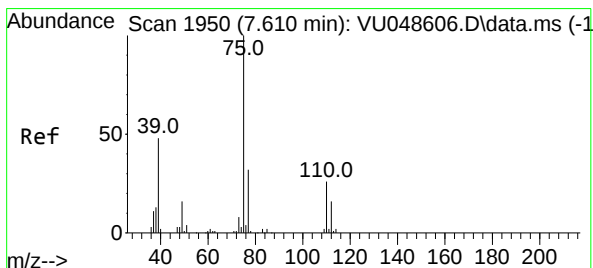
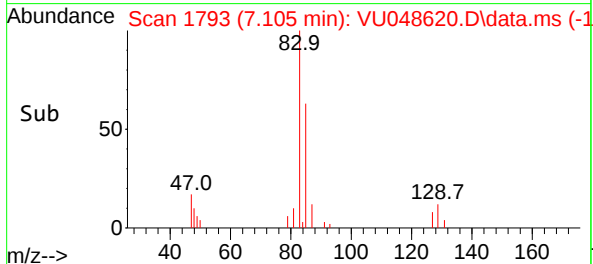
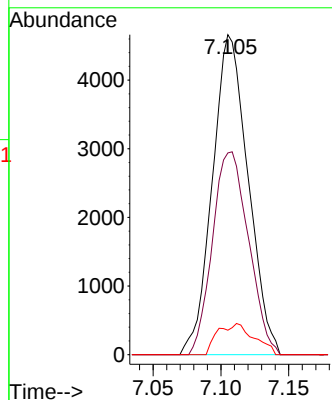
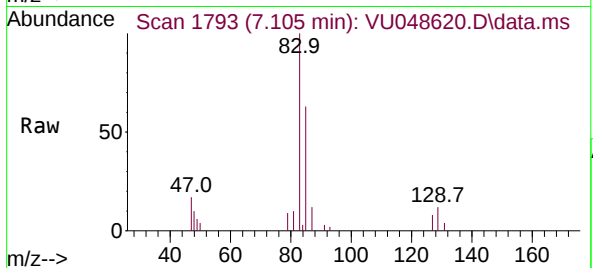
Tgt Ion: 83 Resp: 8539

Ion Ratio Lower Upper

83 100

85 63.0 46.1 85.5

127 7.7 7.8 11.6#



#39

cis-1,3-Dichloropropene

Concen: 1.119 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048620.D

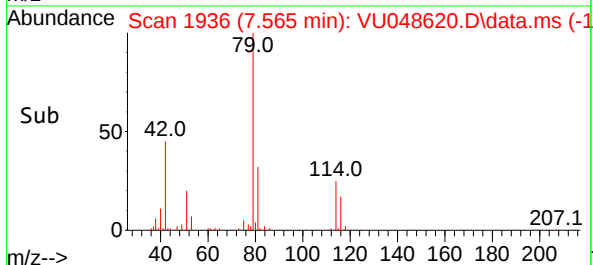
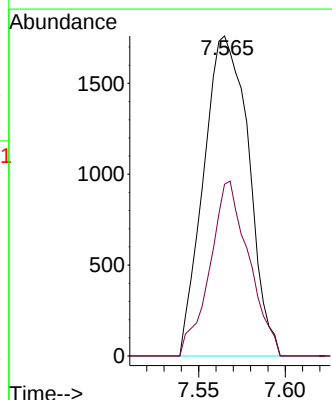
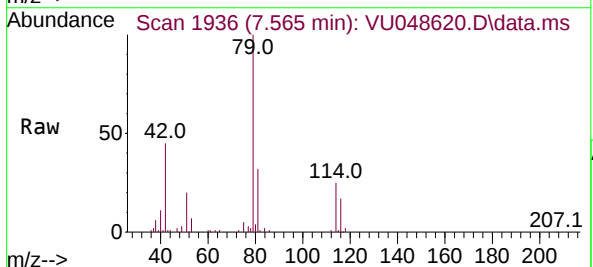
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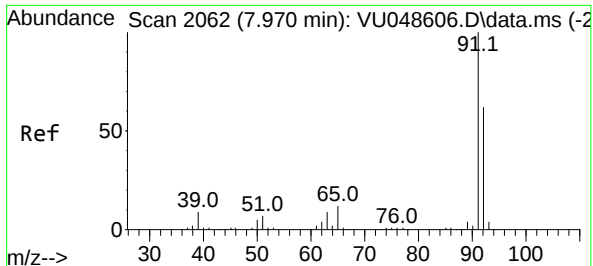
Tgt Ion: 75 Resp: 3174

Ion Ratio Lower Upper

75 100

77 53.7 22.9 42.5#

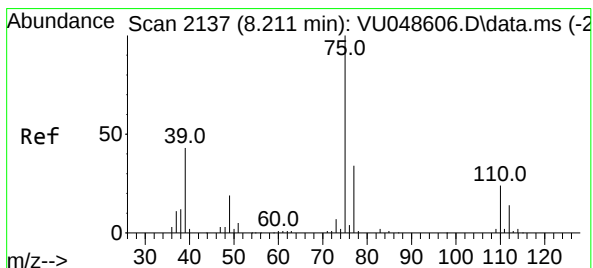
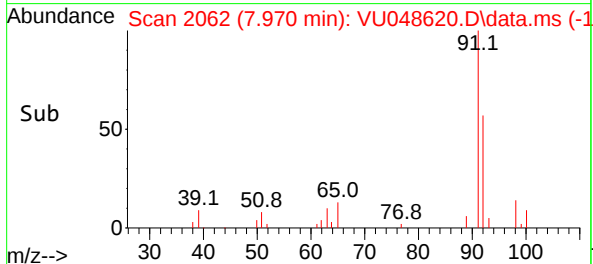
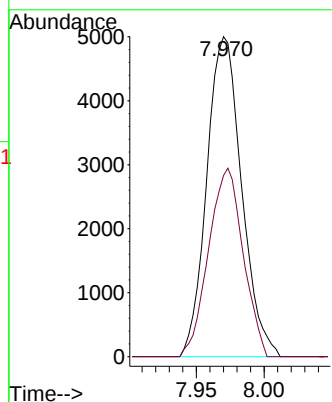
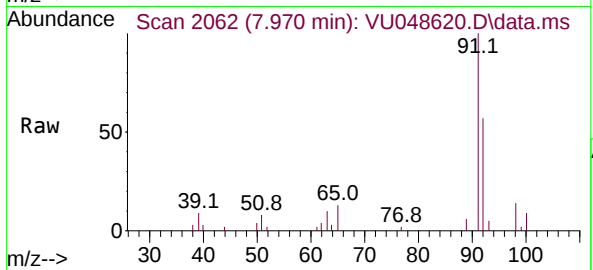




#42
Toluene
Concen: 1.234 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048620.D
Acq: 18 May 2022 17:42

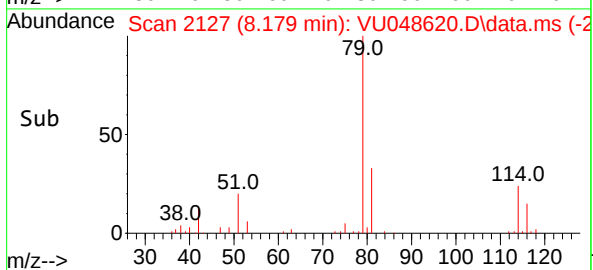
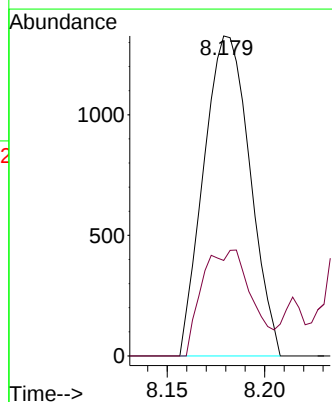
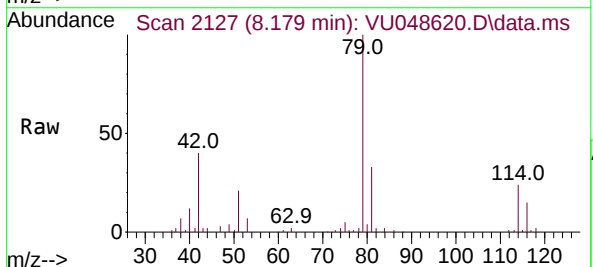
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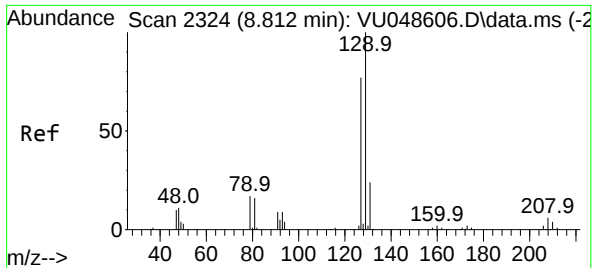
Tgt Ion: 91 Resp: 8931
Ion Ratio Lower Upper
91 100
92 56.7 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 0.732 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048620.D
Acq: 18 May 2022 17:42

Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 29.8 22.7 42.1





#49

Dibromochloromethane

Concen: 1.657 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048620.D

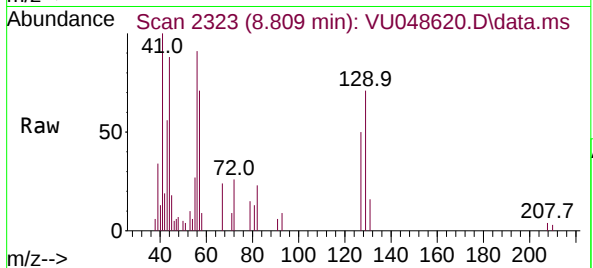
Acq: 18 May 2022 17:42

Instrument :

MSVOA_U

ClientSampleId :

EXXX6



Tgt Ion:129 Resp: 3788

Ion Ratio Lower Upper

129 100

127 71.3 53.1 98.5

