

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051822\
 Data File : VU048619.D
 Acq On : 18 May 2022 17:18
 Operator : SY/MD
 Sample : N2849-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX5

Quant Time: May 19 06:05:34 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)

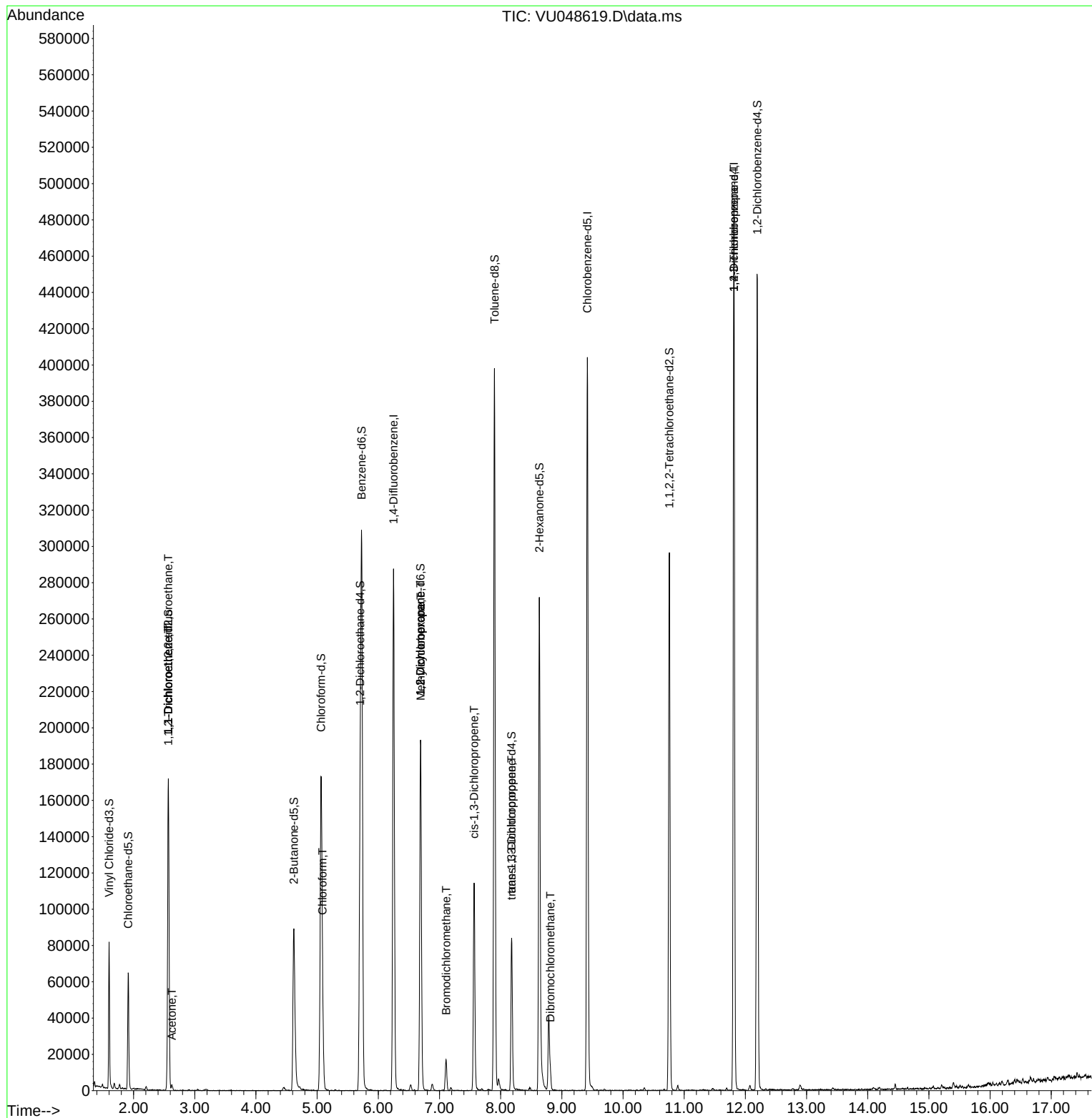
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	233005	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	130990	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51741	36.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.520%
7) Chloroethane-d5	1.912	69	44380	41.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.020%
11) 1,1-Dichloroethene-d2	2.568	63	100833	31.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.480%
21) 2-Butanone-d5	4.620	46	122577	90.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.260%
24) Chloroform-d	5.063	84	157237	43.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.703	65	116585	45.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	5.729	84	278444	43.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	6.690	67	82868	44.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	7.899	98	259694	43.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
43) trans-1,3-Dichloroprop...	8.179	79	47042	39.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.620%
47) 2-Hexanone-d5	8.632	63	89920	87.618	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132729	42.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	120843	45.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.260%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	970	0.593	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	639	0.422	ug/L #	1
13) Acetone	2.623	43	3076	2.788	ug/L	95
25) Chloroform	5.089	83	28945	8.284	ug/L	99
35) Methylcyclohexane	6.694	83	22411	8.249	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	9657	5.772	ug/L #	86
38) Bromodichloromethane	7.108	83	11109	4.104	ug/L	91
39) cis-1,3-Dichloropropene	7.565	75	2913	1.020	ug/L	83
44) trans-1,3-Dichloropropene	8.176	75	2031	0.674	ug/L #	79
49) Dibromochloromethane	8.812	129	4665	2.025	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	12391	4.770	ug/L #	61

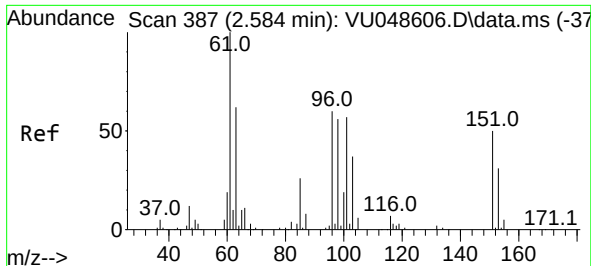
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.593 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU048619.D

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EXXX5

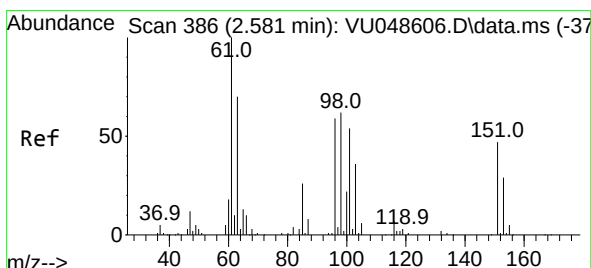
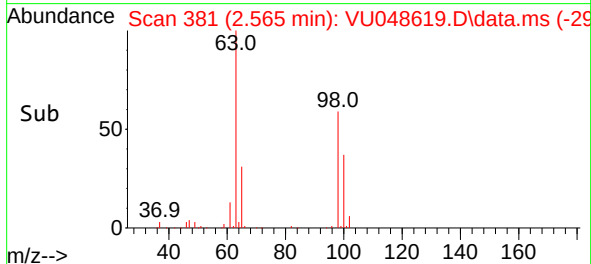
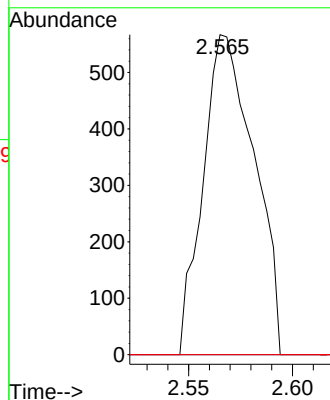
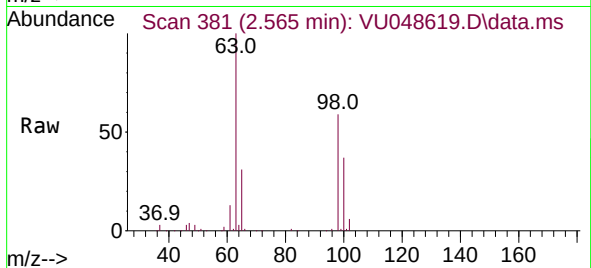
Tgt Ion:101 Resp: 970

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: 0.422 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048619.D

Acq: 18 May 2022 17:18

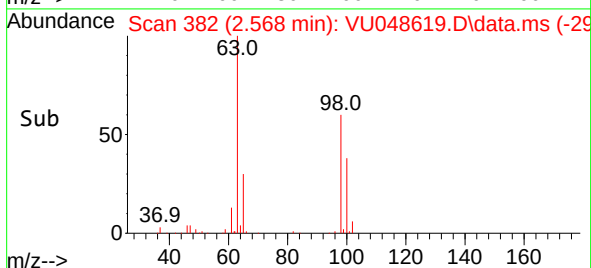
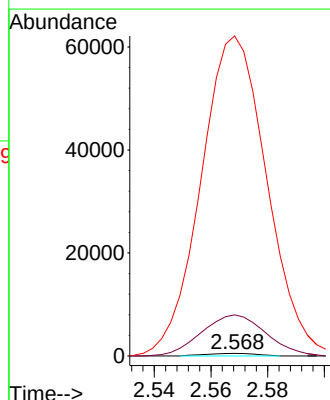
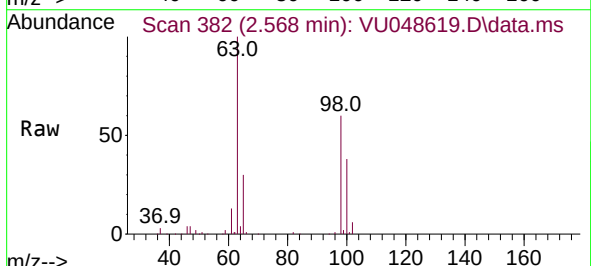
Tgt Ion: 96 Resp: 639

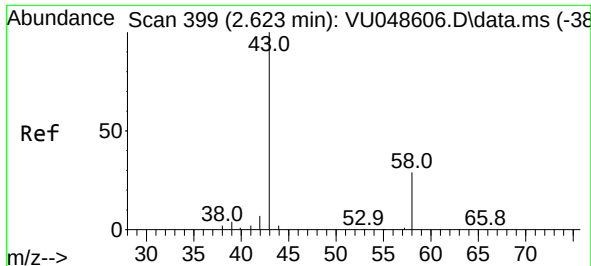
Ion Ratio Lower Upper

96 100

61 1612.1 120.6 224.0#

63 12552.7 82.3 152.9#





#13

Acetone

Concen: 2.788 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU048619.D

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ClientSampleId :

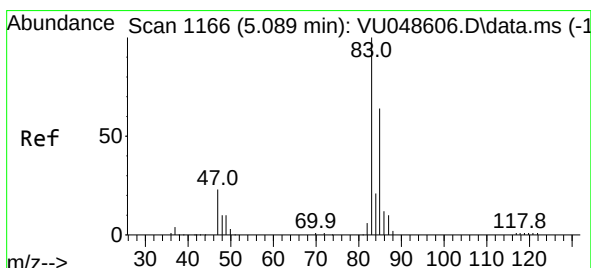
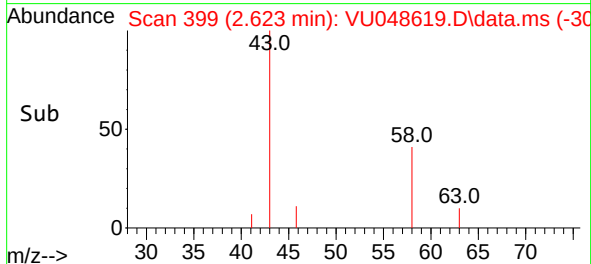
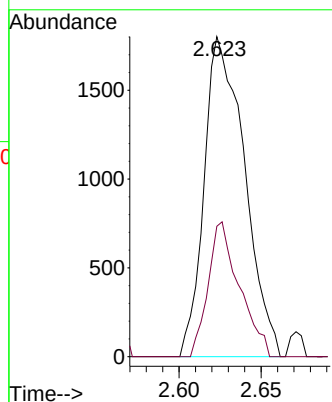
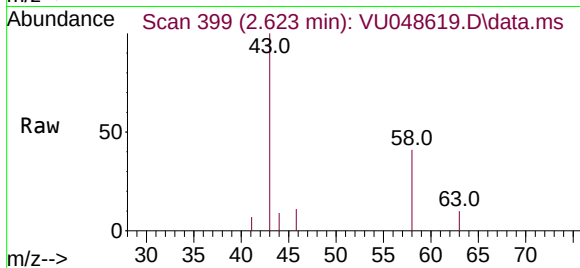
EXXX5

Tgt Ion: 43 Resp: 3076

Ion Ratio Lower Upper

43 100

58 32.7 0.0 59.8



#25

Chloroform

Concen: 8.284 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048619.D

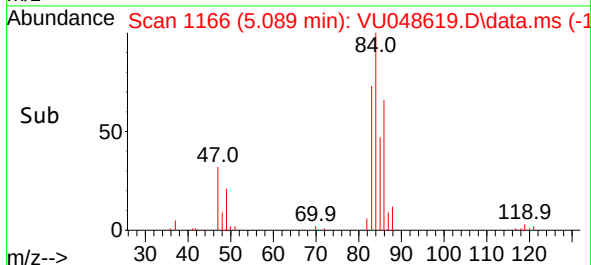
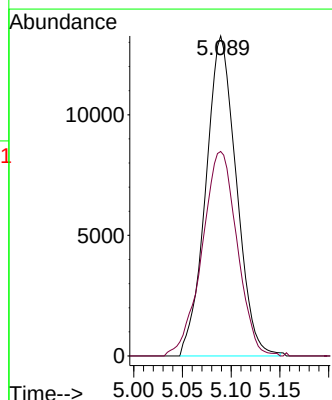
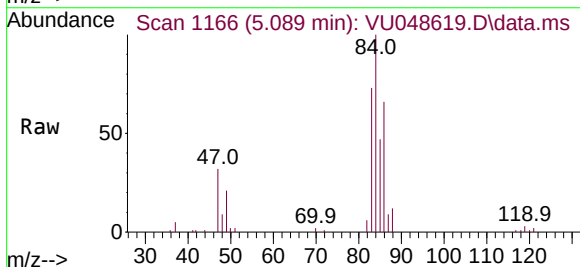
Acq: 18 May 2022 17:18

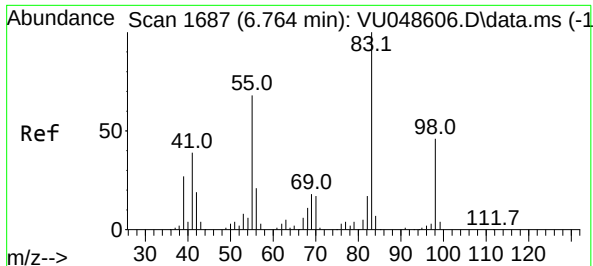
Tgt Ion: 83 Resp: 28945

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7

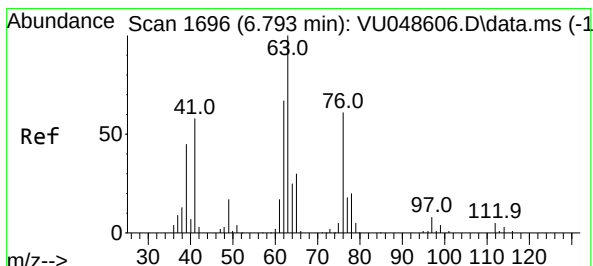
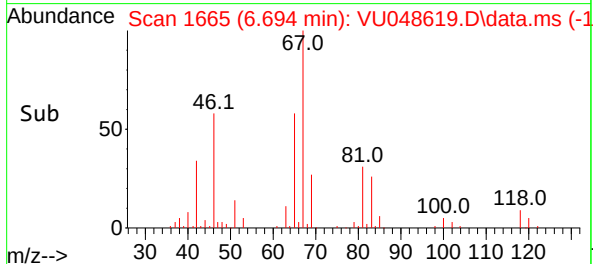
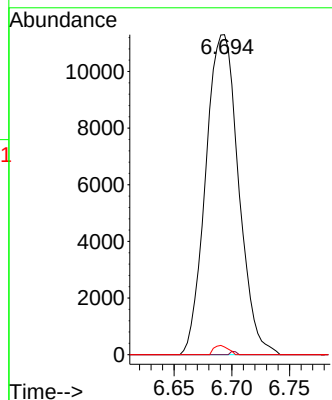
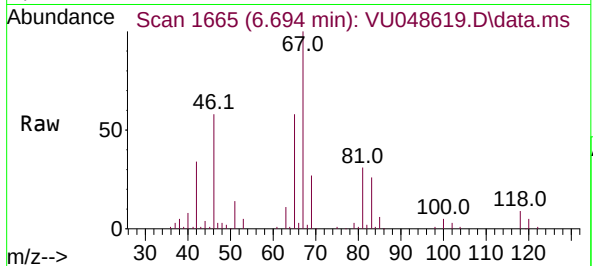




#35
Methylcyclohexane
Concen: 8.249 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

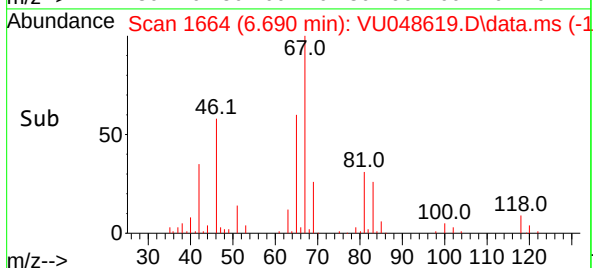
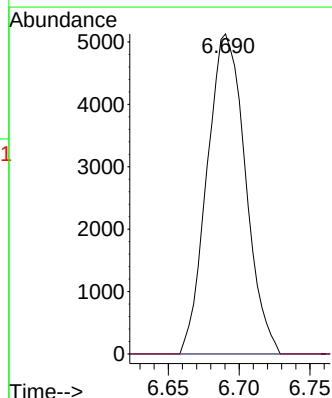
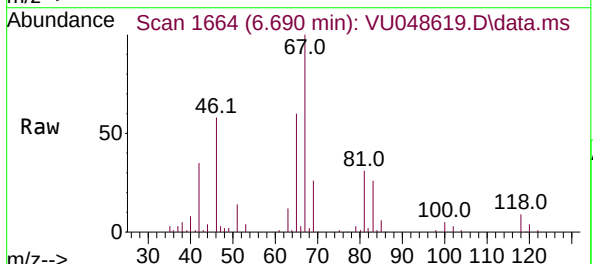
Instrument :
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EXXX5

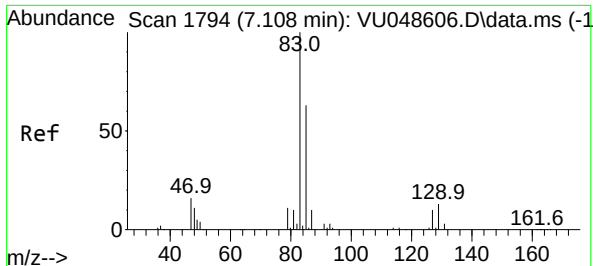
Tgt Ion: 83 Resp: 22411
Ion Ratio Lower Upper
83 100
55 0.2 56.2 84.4#
98 1.2 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 5.772 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

Tgt Ion: 63 Resp: 9657
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

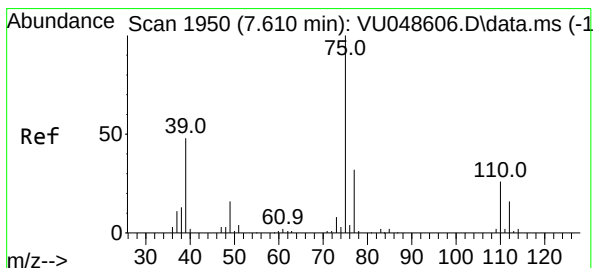
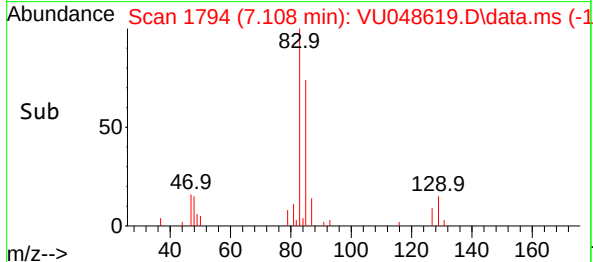
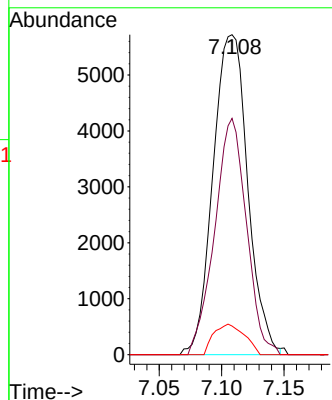
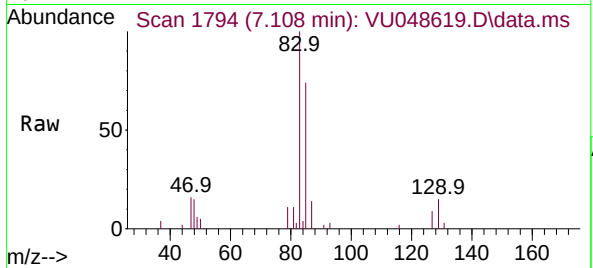




#38
Bromodichloromethane
Concen: 4.104 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

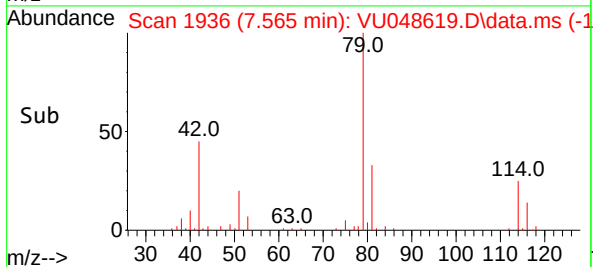
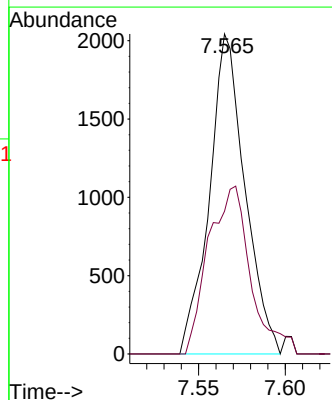
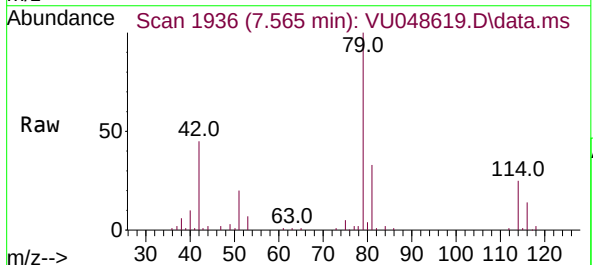
Instrument :
MSVOA_U
ClientSampleId :
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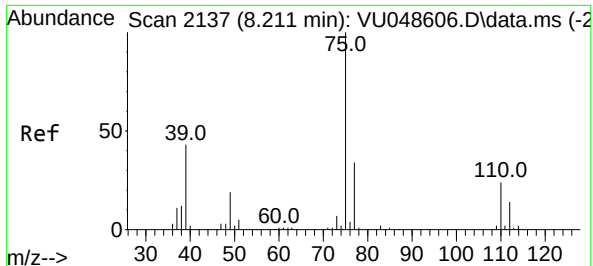
Tgt Ion: 83 Resp: 11109
Ion Ratio Lower Upper
83 100
85 73.9 46.1 85.5
127 9.0 7.8 11.6



#39
cis-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

Tgt Ion: 75 Resp: 2913
Ion Ratio Lower Upper
75 100
77 42.3 22.9 42.5

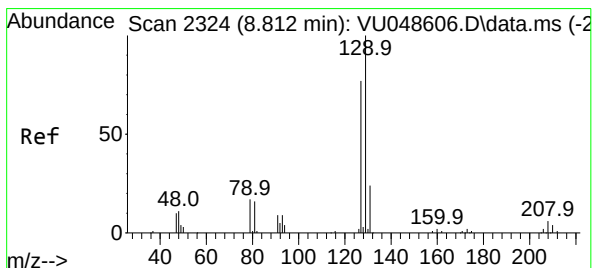
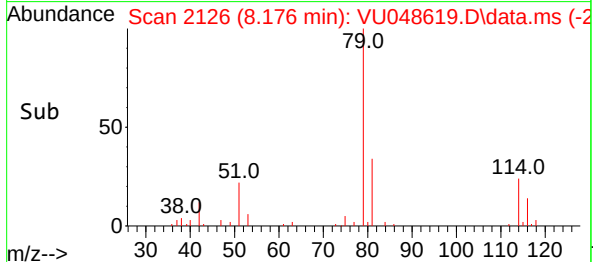
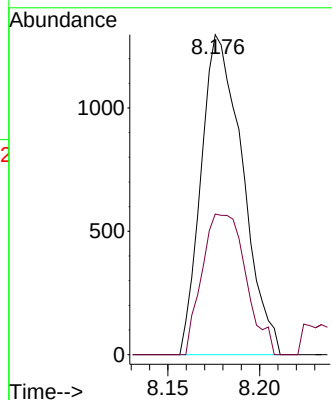
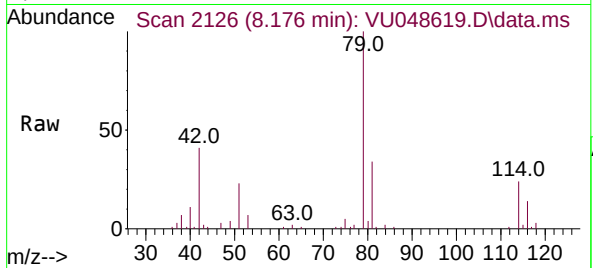




#44
trans-1,3-Dichloropropene
Concen: 0.674 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

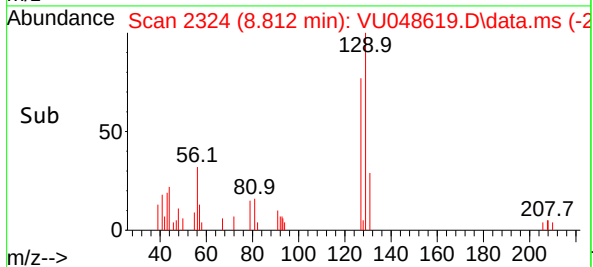
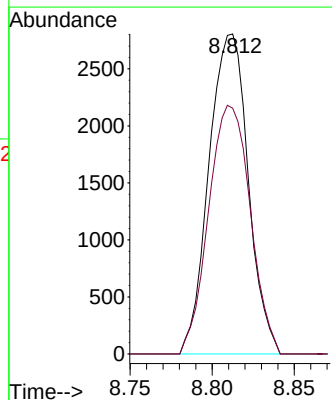
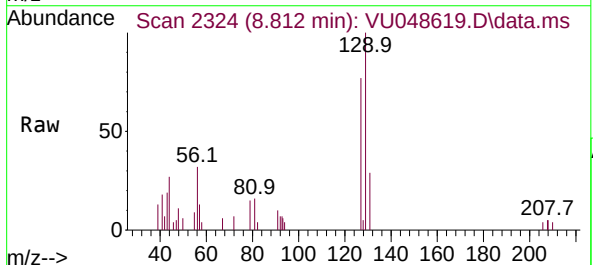
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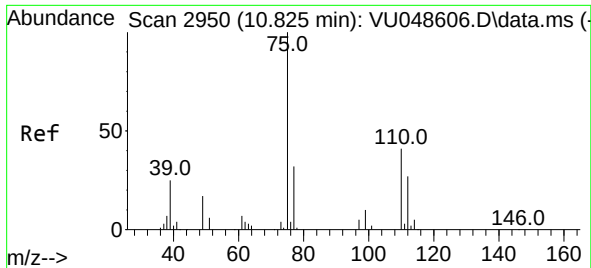
Tgt Ion: 75 Resp: 2031
Ion Ratio Lower Upper
75 100
77 43.9 22.7 42.1#



#49
Dibromochloromethane
Concen: 2.025 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048619.D
Acq: 18 May 2022 17:18

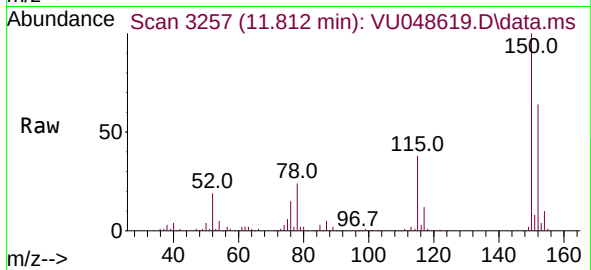
Tgt Ion: 129 Resp: 4665
Ion Ratio Lower Upper
129 100
127 76.8 53.1 98.5





#60
 1,2,3-Trichloropropane
 Concen: 4.770 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048619.D
 Acq: 18 May 2022 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX5



Tgt Ion:	75	Resp:	12391
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.4	38.0
110	1.9	32.1	48.1#

