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 Data File : VU051927.D
 Acq On : 19 Nov 2022 02:12
 Operator : JC/MD
 Sample : N5684-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J6

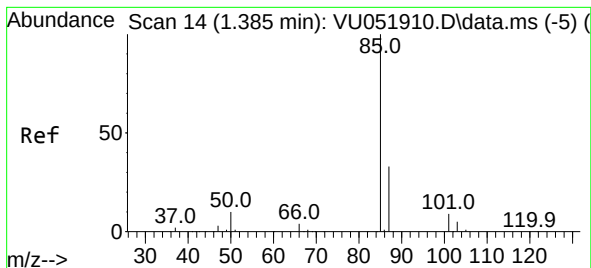
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112504	4.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.913	69	89190	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.565	65	39920	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.617	46	201245	49.192	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.380%
24) Chloroform-d	5.064	84	167601	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	86649	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	349805	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.687	67	117025	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.896	98	292316	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.179	79	37450	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.629	63	165229	48.339	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	93899	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	98893	5.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	9143	0.454	ug/L	95
3) Chloromethane	1.527	50	12438	0.474	ug/L	93
12) 1,1-Dichloroethene	2.581	96	18207	1.082	ug/L #	23
17) Methyl tert-butyl Ether	3.359	73	11828	0.314	ug/L	99
19) 1,1-Dichloroethane	3.867	63	42903	1.319	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	45002	2.377	ug/L	94
25) Chloroform	5.089	83	18526	0.562	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	2442	0.091	ug/L	92
31) Carbon tetrachloride	5.520	117	3121	0.137	ug/L	94
34) Trichloroethene	6.539	95	1341219	68.588	ug/L	99
37) 1,2-Dichloropropane	6.790	63	6780	0.334	ug/L #	94
47) Tetrachloroethene	8.552	164	285442	19.046	ug/L	99

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

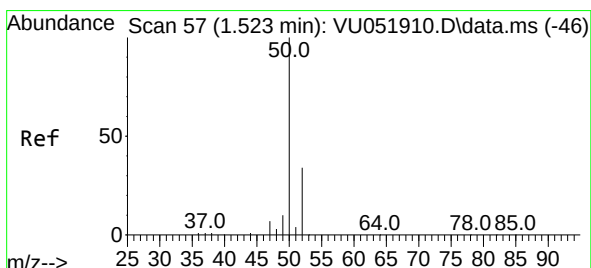
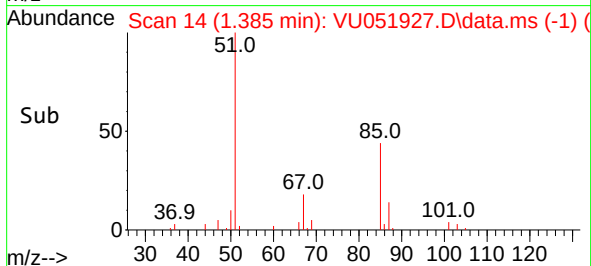
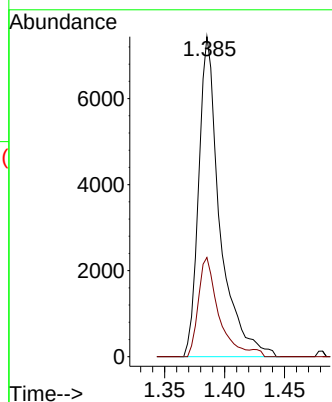
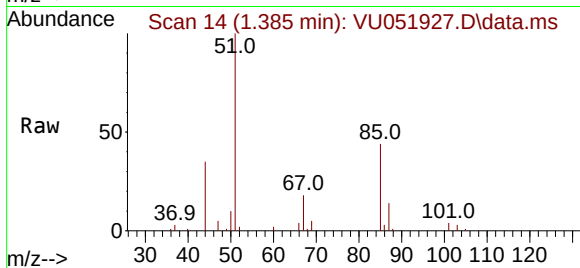
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Data File : VU051927.D  
Acq On    : 19 Nov 2022  02:12  
Operator  : JC/MD  
Sample    : N5684-16  
Misc      : 25.0mL/MSVOA_U/WATER  
ALS Vial  : 28    Sample Multiplier: 1
```



#2
Dichlorodifluoromethane
Concen: 0.454 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

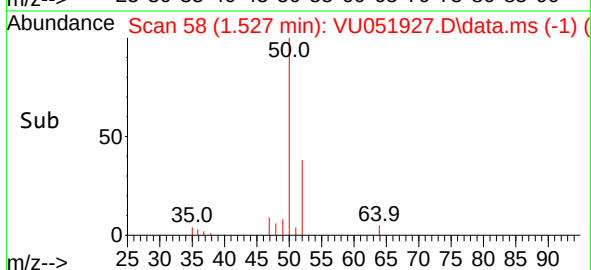
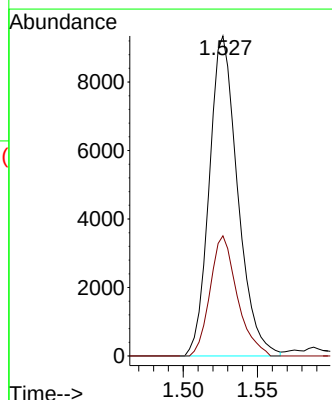
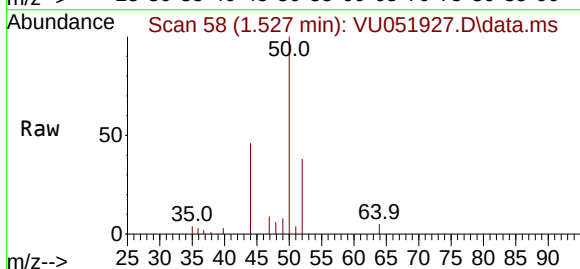
Instrument :
MSVOA_U
ClientSampleId :
BH1J6

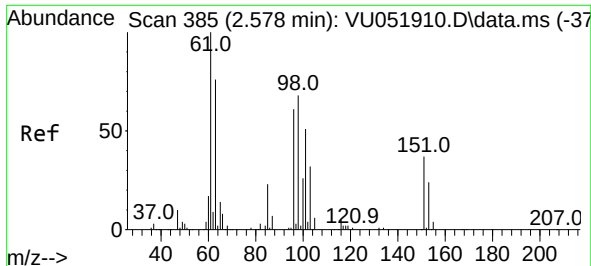
Tgt Ion: 85 Resp: 9143
Ion Ratio Lower Upper
85 100
87 29.3 25.8 38.8



#3
Chloromethane
Concen: 0.474 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 50 Resp: 12438
Ion Ratio Lower Upper
50 100
52 37.5 23.4 43.4





#12

1,1-Dichloroethene

Concen: 1.082 ug/L

RT: 2.581 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

Instrument :

MSVOA_U

ClientSampleId :

BH1J6

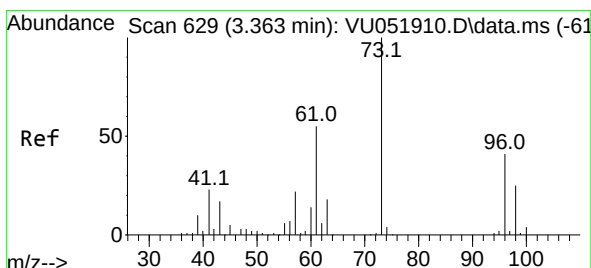
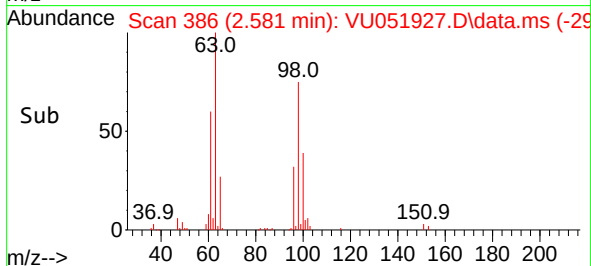
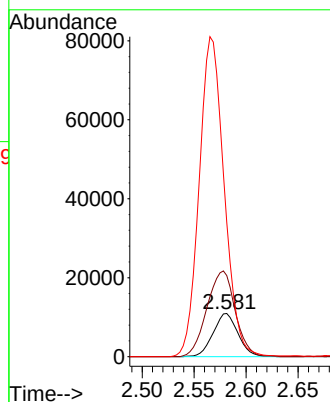
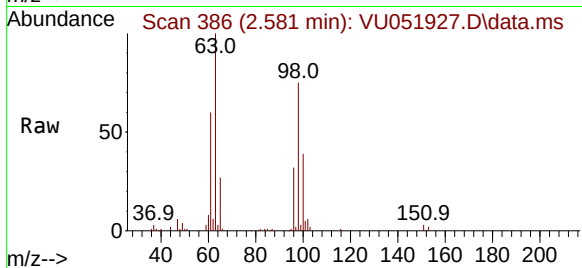
Tgt Ion: 96 Resp: 18207

Ion Ratio Lower Upper

96 100

61 187.5 114.8 213.2

63 310.5 93.7 174.1#



#17

Methyl tert-butyl Ether

Concen: 0.314 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

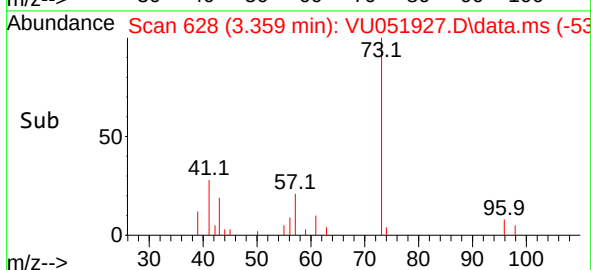
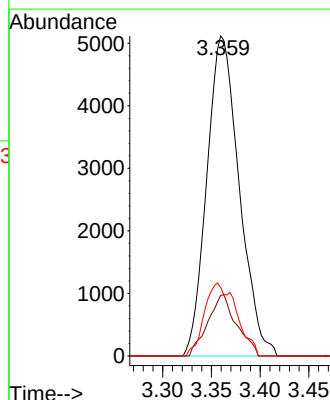
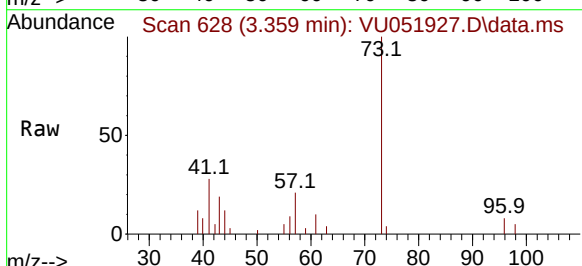
Tgt Ion: 73 Resp: 11828

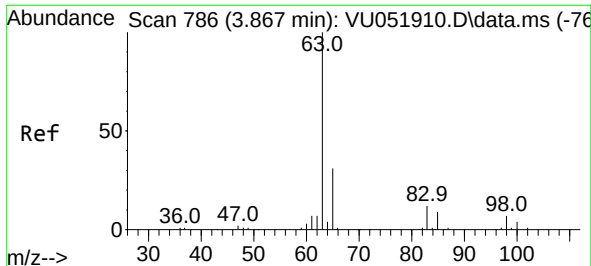
Ion Ratio Lower Upper

73 100

43 17.0 13.2 19.8

57 22.6 17.8 26.8





#19

1,1-Dichloroethane

Concen: 1.319 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

Instrument :

MSVOA_U

ClientSampleId :

BH1J6

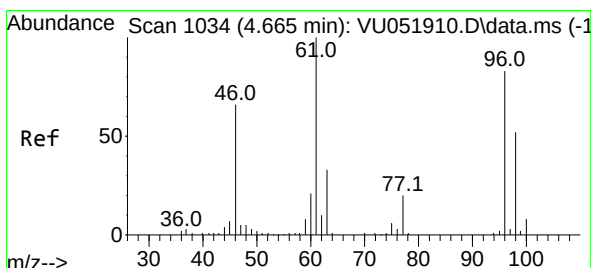
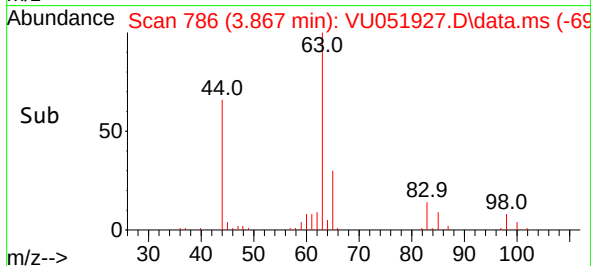
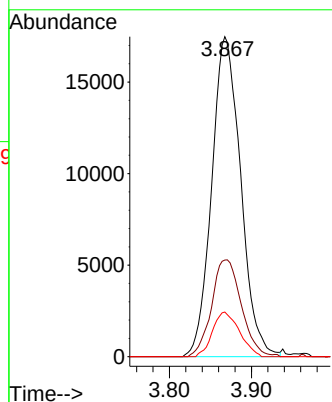
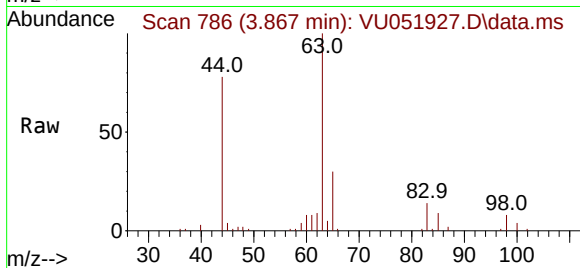
Tgt Ion: 63 Resp: 42903

Ion Ratio Lower Upper

63 100

65 30.2 22.2 41.2

83 13.9 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 2.377 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

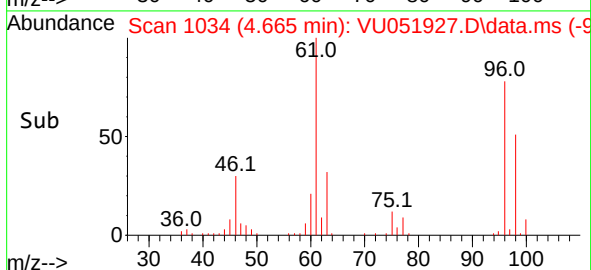
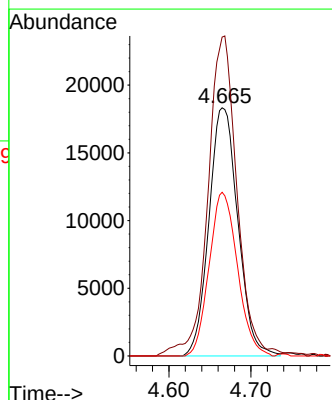
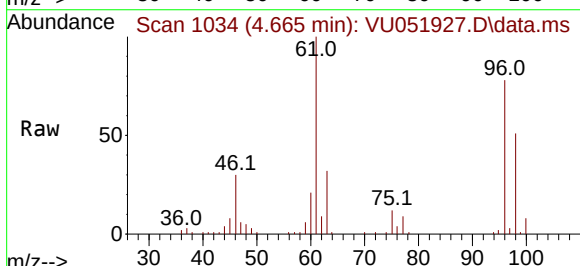
Tgt Ion: 96 Resp: 45002

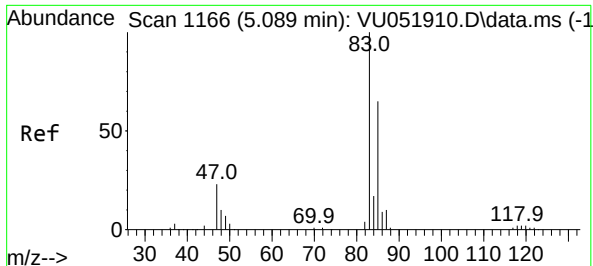
Ion Ratio Lower Upper

96 100

61 128.5 85.1 158.1

98 66.0 42.8 79.6





#25

Chloroform

Concen: 0.562 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

Instrument :

MSVOA_U

ClientSampleId :

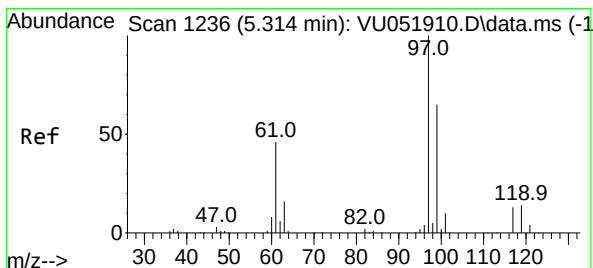
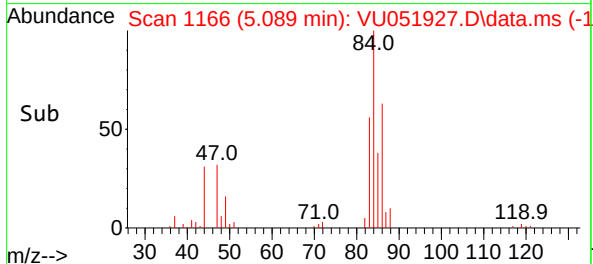
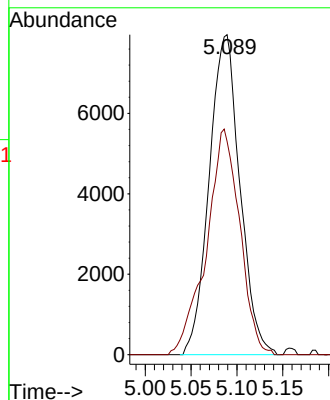
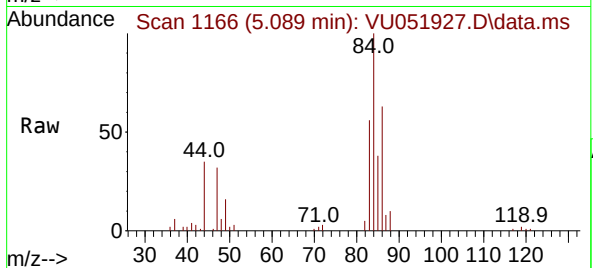
BH1J6

Tgt Ion: 83 Resp: 18526

Ion Ratio Lower Upper

83 100

85 66.7 43.8 81.4



#29

1,1,1-Trichloroethane

Concen: 0.091 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

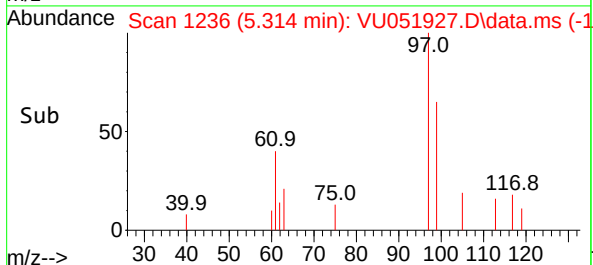
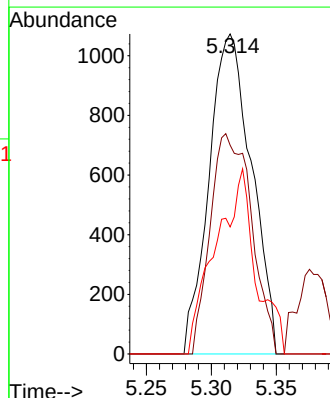
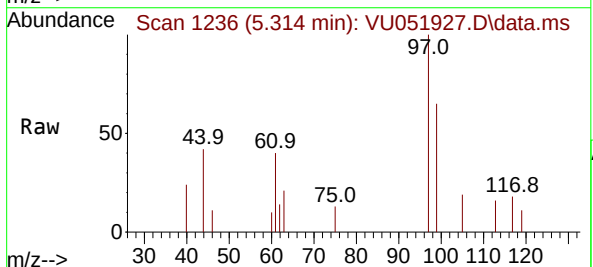
Tgt Ion: 97 Resp: 2442

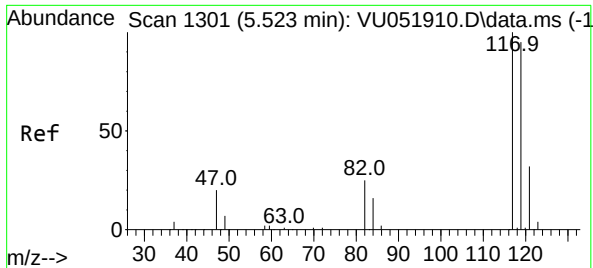
Ion Ratio Lower Upper

97 100

99 67.0 51.0 76.6

61 54.5 36.9 55.3

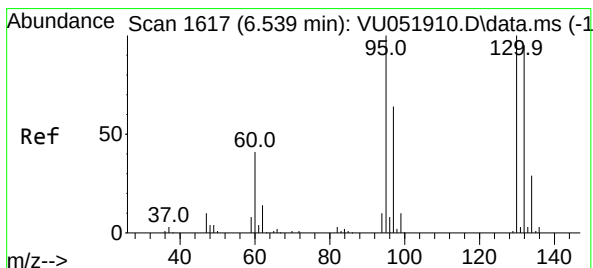
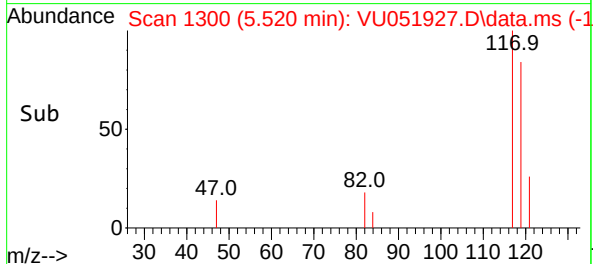
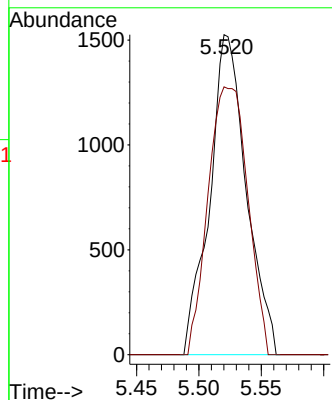
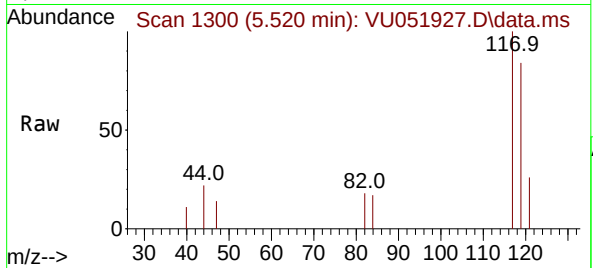




#31
Carbon tetrachloride
Concen: 0.137 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

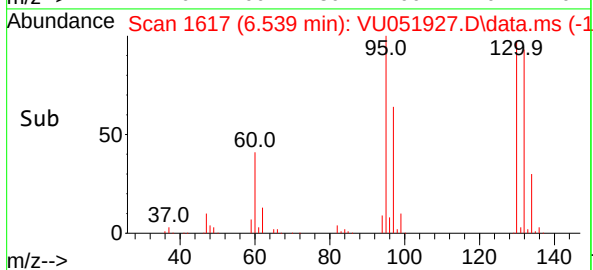
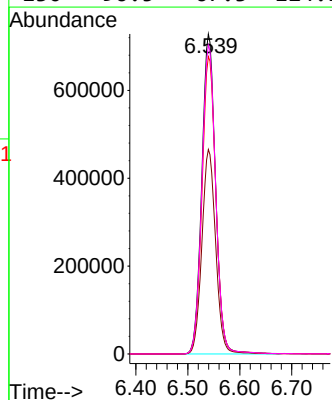
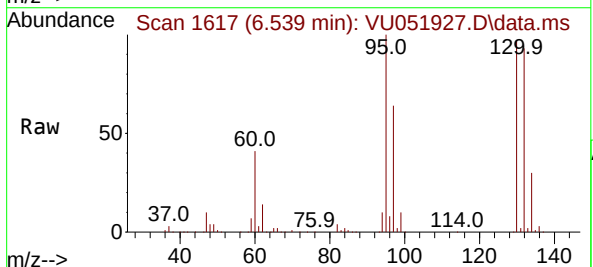
Instrument :
MSVOA_U
ClientSampleId :
BH1J6

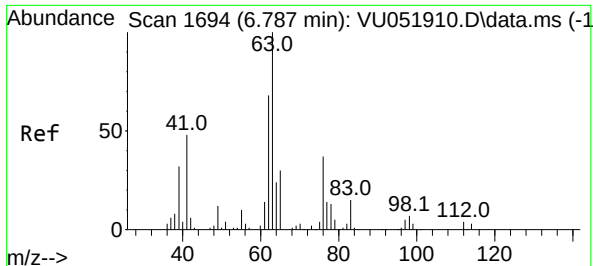
Tgt Ion:117 Resp: 3121
Ion Ratio Lower Upper
117 100
119 90.5 77.2 115.8



#34
Trichloroethene
Concen: 68.588 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051927.D
Acq: 19 Nov 2022 02:12

Tgt Ion: 95 Resp: 1341219
Ion Ratio Lower Upper
95 100
97 63.9 43.7 81.1
132 92.9 64.3 119.3
130 96.5 67.3 124.9





#37

1,2-Dichloropropane

Concen: 0.334 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

Instrument :

MSVOA_U

ClientSampleId :

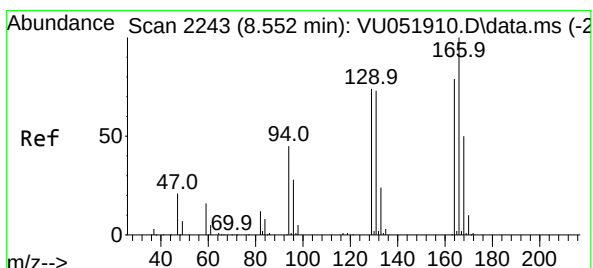
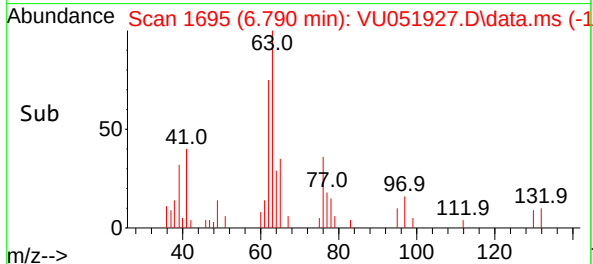
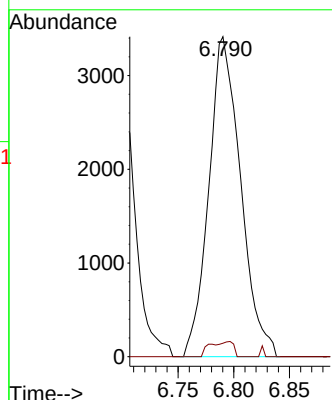
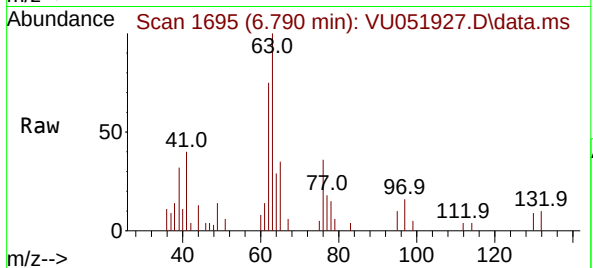
BH1J6

Tgt Ion: 63 Resp: 6780

Ion Ratio Lower Upper

63 100

112 2.1 3.3 4.9#



#47

Tetrachloroethene

Concen: 19.046 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051927.D

Acq: 19 Nov 2022 02:12

Tgt Ion: 164 Resp: 285442

Ion Ratio Lower Upper

164 100

129 96.1 67.4 125.2

131 92.7 67.1 124.7

166 129.1 89.7 166.5

