

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050104.D
 Acq On : 05 Aug 2022 18:19
 Operator : SY/MD
 Sample : N4027-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:37:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 04:32:47 2022
 Response via : Initial Calibration

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

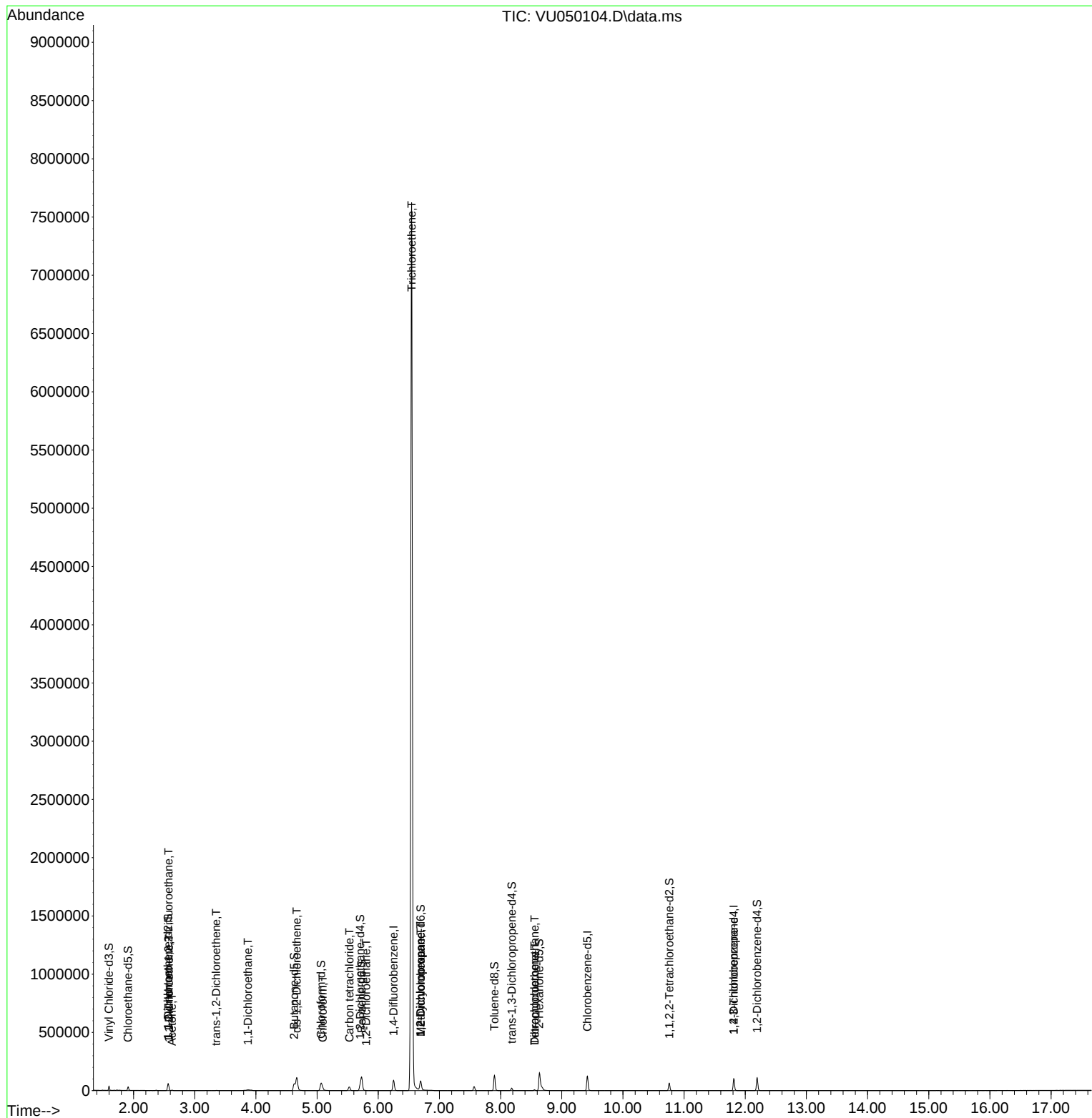
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	74698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	74194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	27943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26513	4.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.909	69	23452	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.565	65	10527	4.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.623	46	84292	55.604	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.200%
24) Chloroform-d	5.067	84	57457	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.703	65	31644	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.729	84	112937	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	39563	5.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.899	98	92194	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.182	79	12986	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.632	63	50686	52.314	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34213	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	30877	5.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1601	0.327	ug/L	90
12) 1,1-Dichloroethene	2.578	96	2203	0.427	ug/L #	1
13) Acetone	2.626	43	5328	6.311	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	687	0.119	ug/L	94
19) 1,1-Dichloroethane	3.870	63	4725	0.432	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	56653	8.829	ug/L	99
25) Chloroform	5.092	83	18478	1.583	ug/L	95
27) 1,2-Dichloroethane	5.803	62	694	0.098	ug/L #	73
31) Carbon tetrachloride	5.526	117	22313	2.991	ug/L	97
34) Trichloroethene	6.546	95	2698180	429.166	ug/L	97
35) Methylcyclohexane	6.694	83	9009	1.110	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	3983	0.575	ug/L #	89
47) Tetrachloroethene	8.555	164	1831	0.406	ug/L	90
49) Dibromochloromethane	8.555	129	1584	0.276	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3447	0.906	ug/L #	68

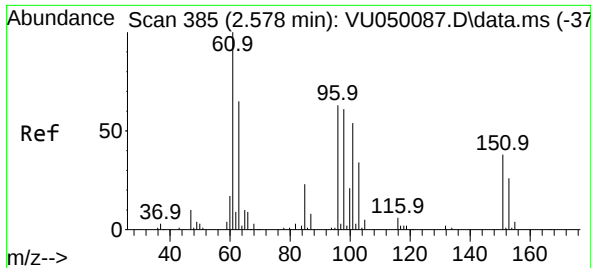
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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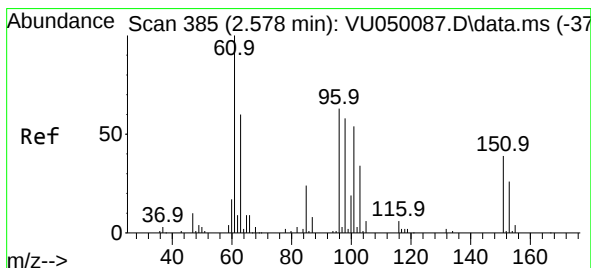
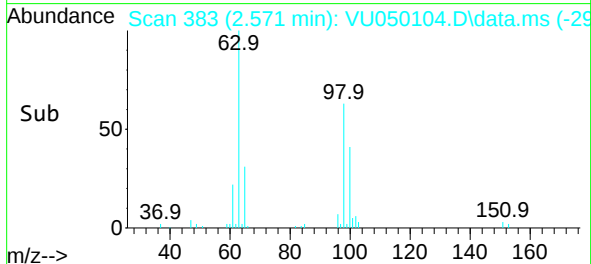
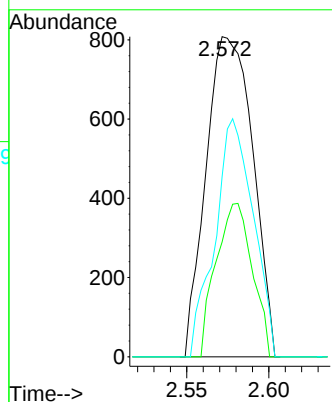
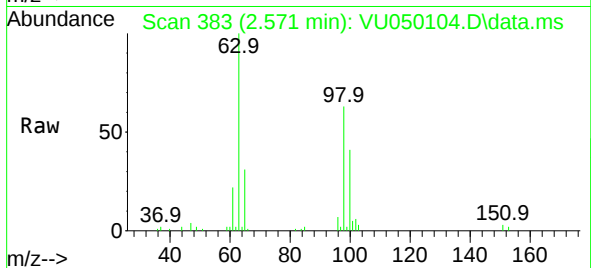




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.327 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.007 min
 Lab File: VU050104.D
 Acq: 05 Aug 2022 18:19

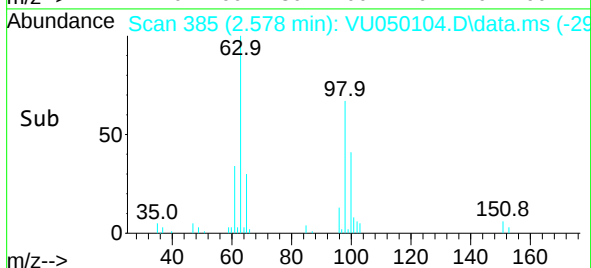
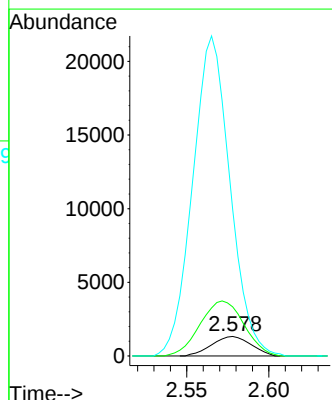
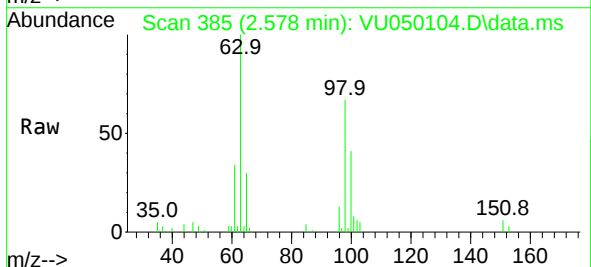
Instrument :
 MSVOA_U
 ClientSampleId :

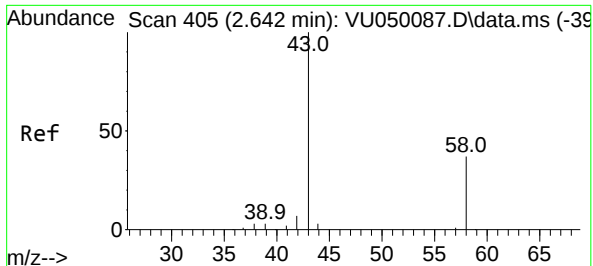
Tgt Ion:	101	Resp:	1601
Ion	Ratio	Lower	Upper
101	100		
85	37.0	35.6	53.4
151	61.1	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 0.427 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050104.D
 Acq: 05 Aug 2022 18:19

Tgt Ion:	96	Resp:	2203
Ion	Ratio	Lower	Upper
96	100		
61	250.9	122.7	227.9#
63	748.6	85.1	158.1#





#13

Acetone

Concen: 6.311 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.016 min

Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

Instrument :

MSVOA_U

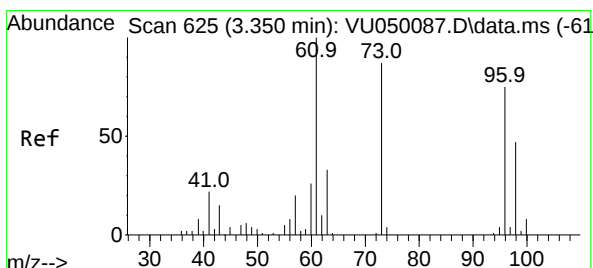
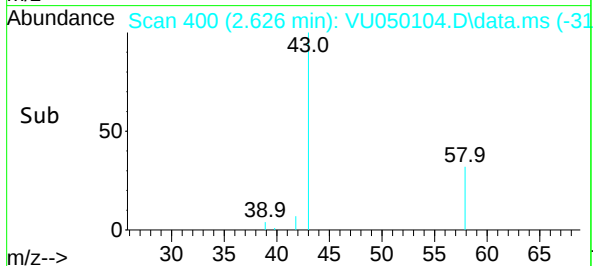
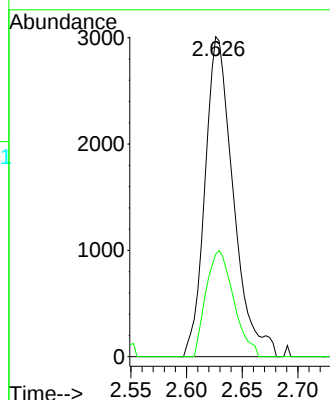
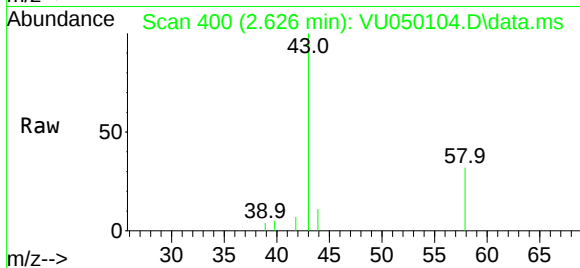
ClientSampleId :

Tgt Ion: 43 Resp: 5328

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.119 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.000 min

Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

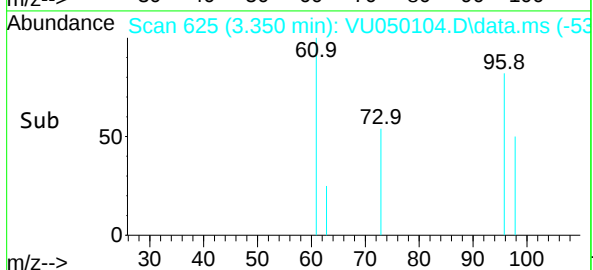
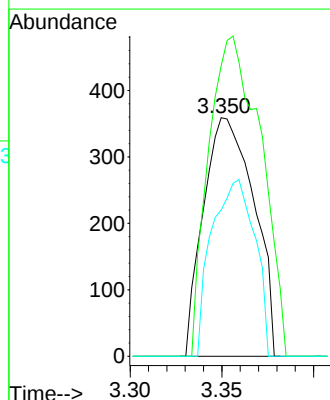
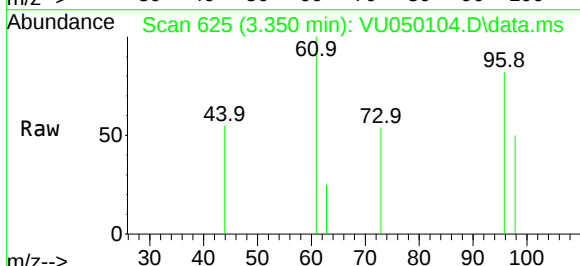
Tgt Ion: 96 Resp: 687

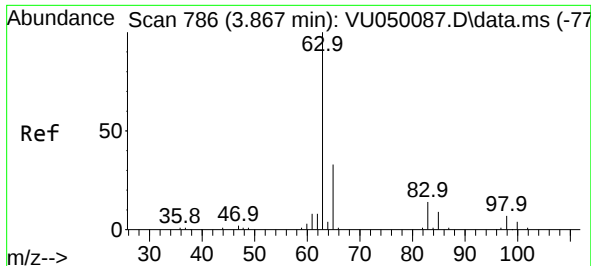
Ion Ratio Lower Upper

96 100

61 121.7 92.3 171.5

98 61.3 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.432 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

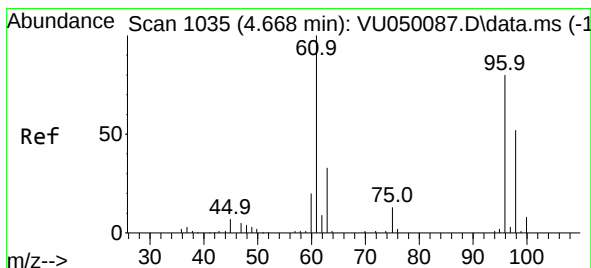
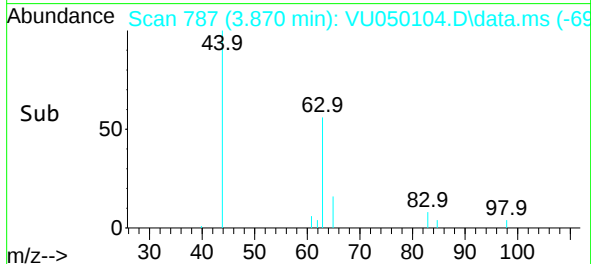
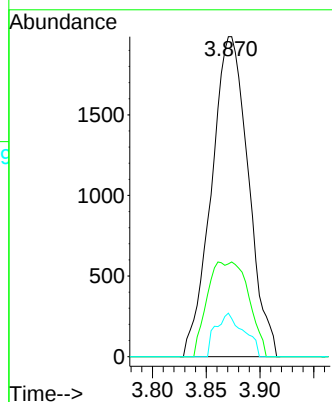
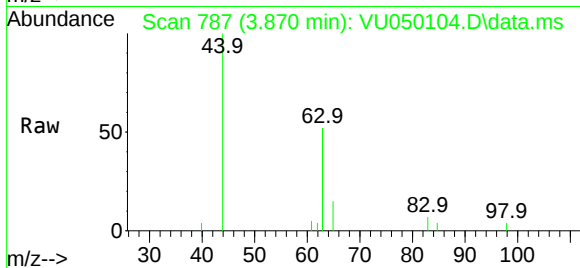
Tgt Ion: 63 Resp: 4725

Ion Ratio Lower Upper

63 100

65 29.0 22.7 42.3

83 13.6 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 8.829 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

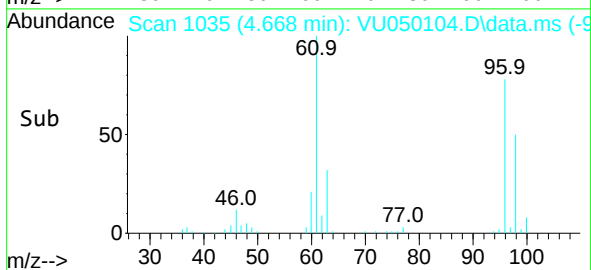
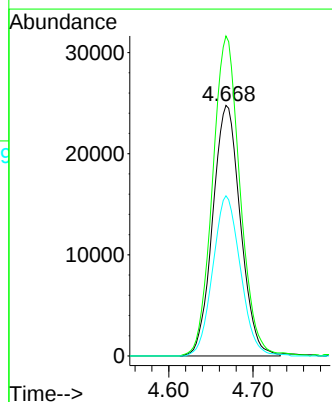
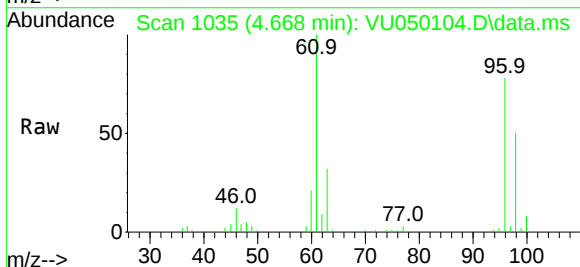
Tgt Ion: 96 Resp: 56653

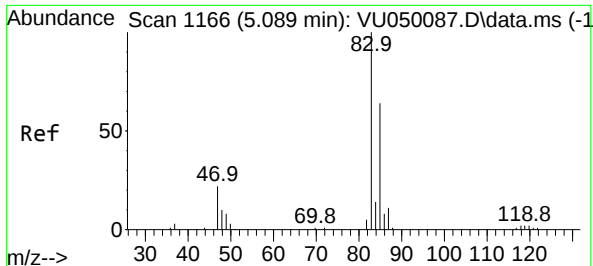
Ion Ratio Lower Upper

96 100

61 127.7 89.0 165.4

98 63.9 45.2 84.0





#25

Chloroform

Concen: 1.583 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

Instrument :

MSVOA_U

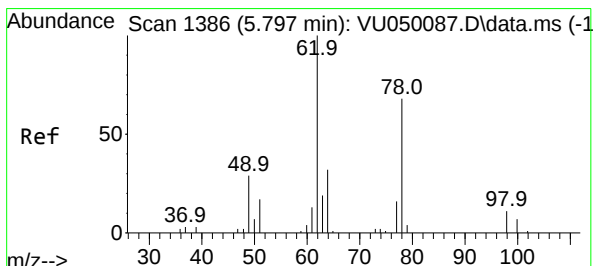
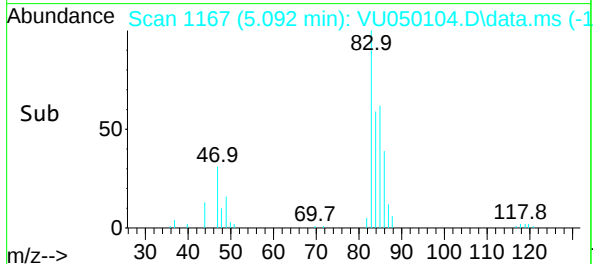
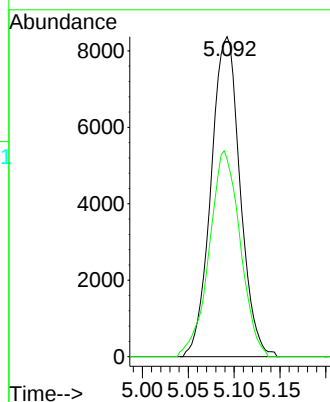
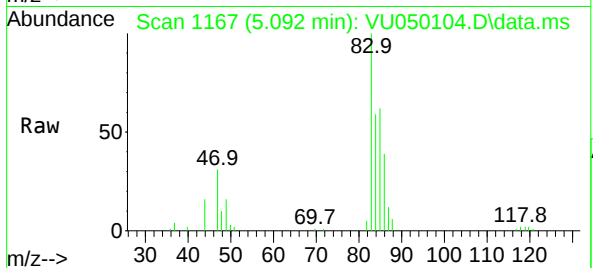
ClientSampleId :

Tgt Ion: 83 Resp: 18478

Ion Ratio Lower Upper

83 100

85 61.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VU050104.D

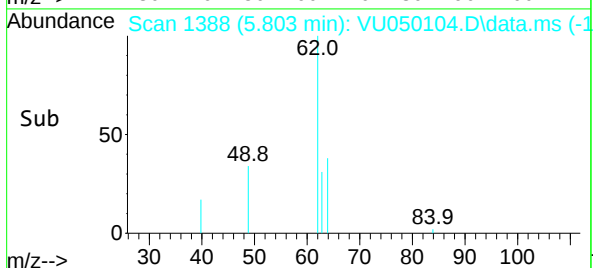
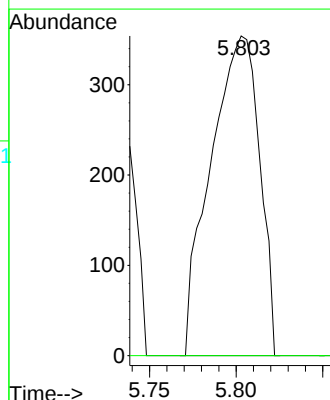
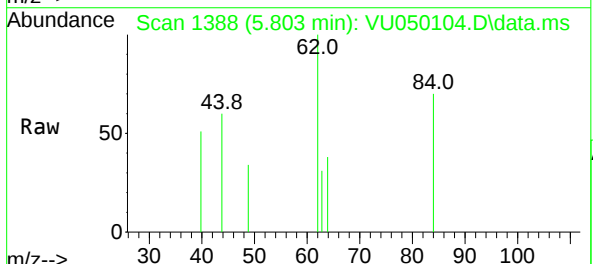
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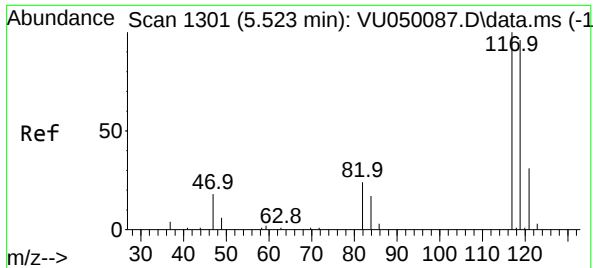
Tgt Ion: 62 Resp: 694

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#

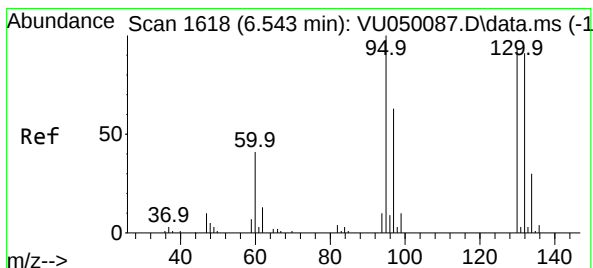
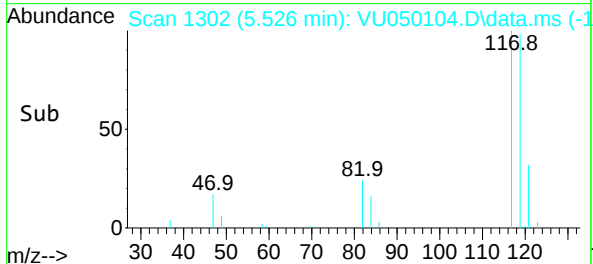
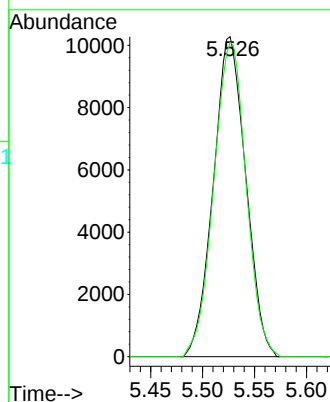
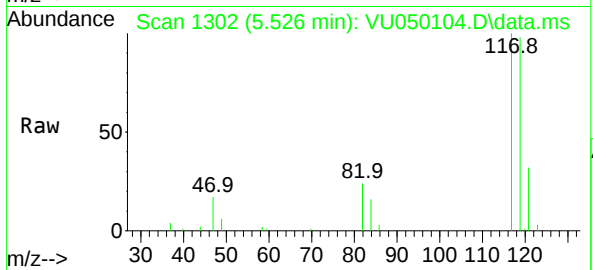




#31
Carbon tetrachloride
Concen: 2.991 ug/L
RT: 5.526 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU050104.D
Acq: 05 Aug 2022 18:19

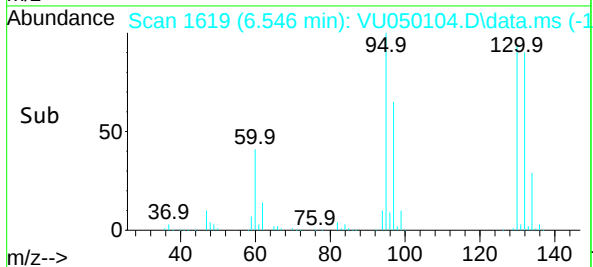
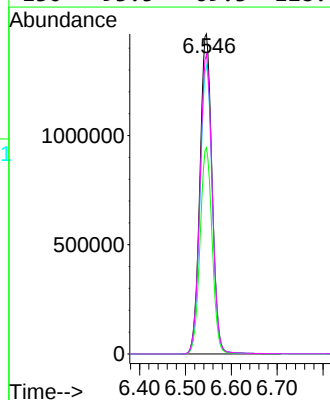
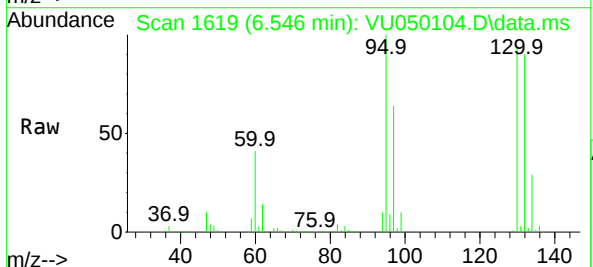
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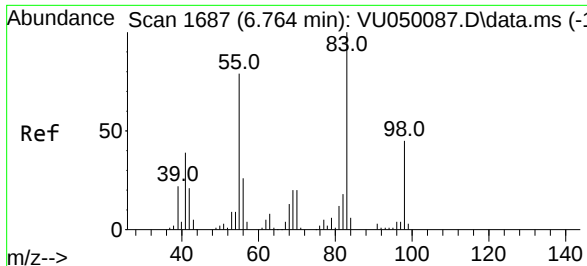
Tgt Ion:117 Resp: 22313
Ion Ratio Lower Upper
117 100
119 97.9 76.0 114.0



#34
Trichloroethene
Concen: 429.166 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU050104.D
Acq: 05 Aug 2022 18:19

Tgt Ion: 95 Resp: 2698180
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 90.2 65.0 120.6
130 93.5 69.3 128.7

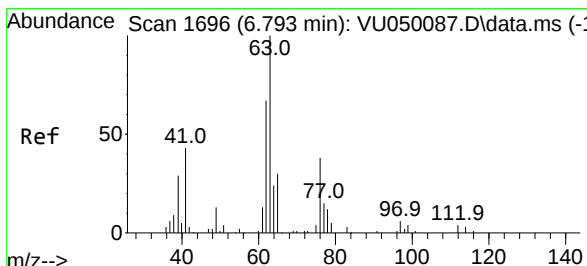
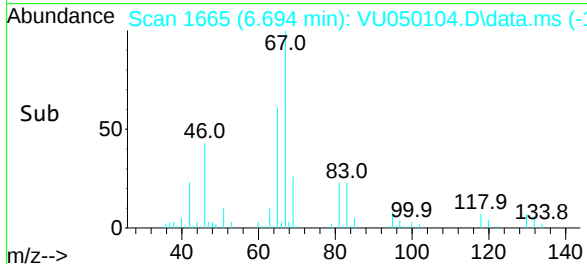
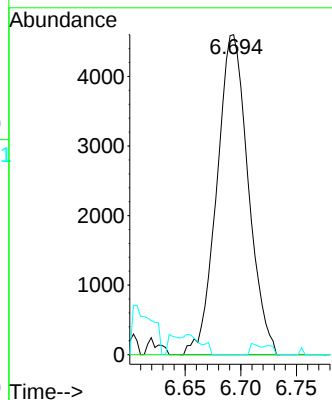
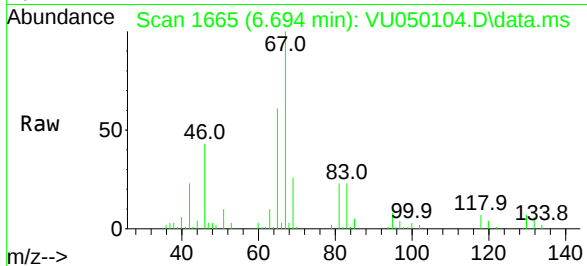




#35
Methylcyclohexane
Concen: 1.110 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050104.D
Acq: 05 Aug 2022 18:19

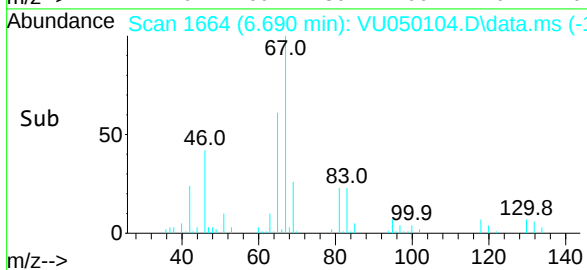
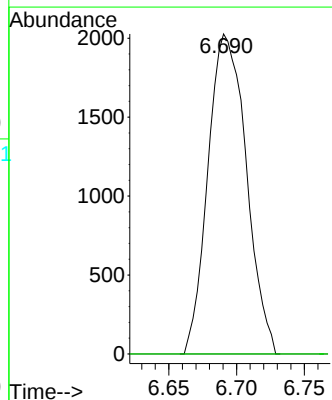
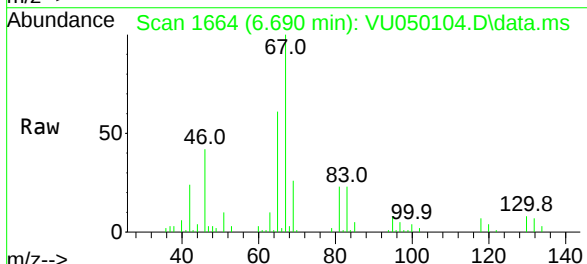
Instrument :
MSVOA_U
ClientSampleId :

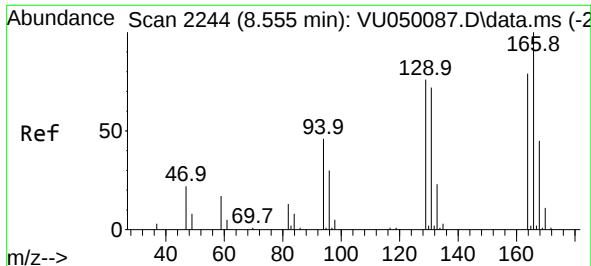
Tgt Ion: 83 Resp: 9009
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050104.D
Acq: 05 Aug 2022 18:19

Tgt Ion: 63 Resp: 3983
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.406 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

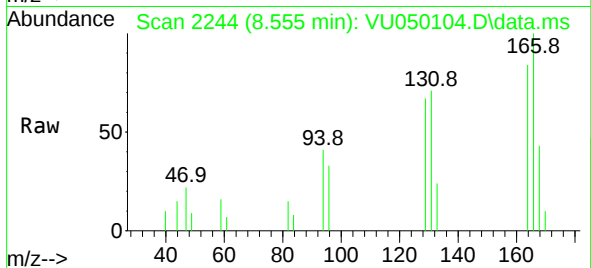
Lab File: VU050104.D

Acq: 05 Aug 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1831

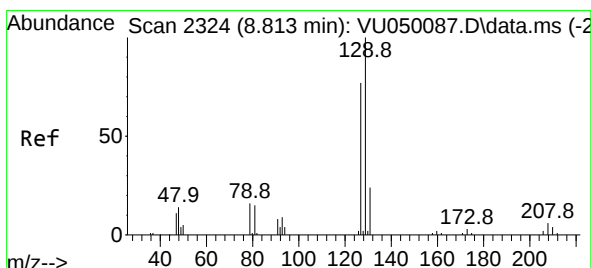
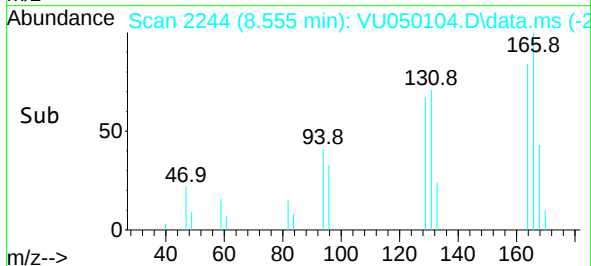
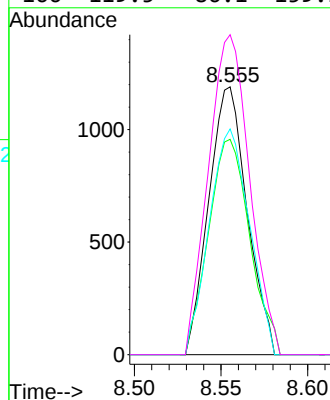
Ion Ratio Lower Upper

164 100

129 80.4 69.0 128.1

131 84.3 65.8 122.2

166 119.5 86.1 159.9



#49

Dibromochloromethane

Concen: 0.276 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU050104.D

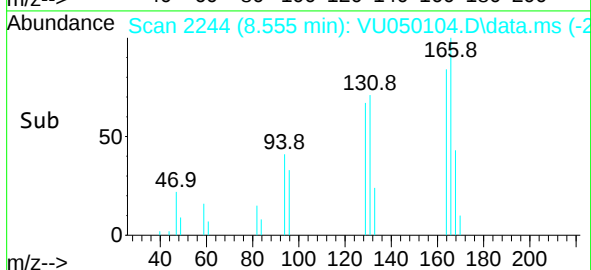
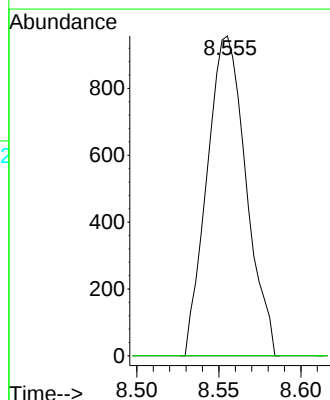
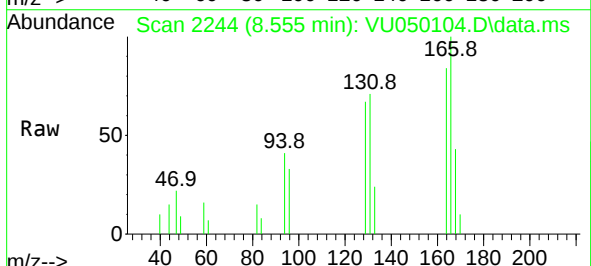
Acq: 05 Aug 2022 18:19

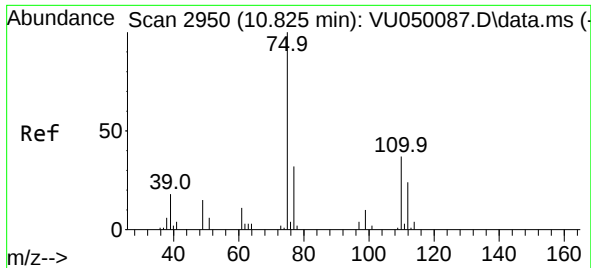
Tgt Ion:129 Resp: 1584

Ion Ratio Lower Upper

129 100

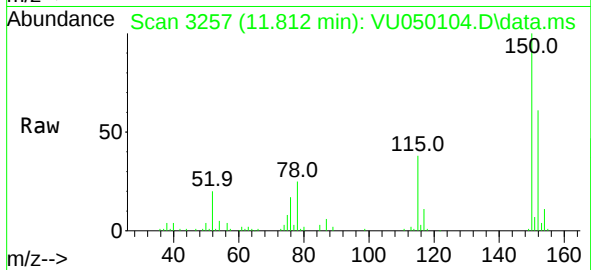
127 0.0 55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.906 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050104.D
 Acq: 05 Aug 2022 18:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.5	42.7#
77	32.7	25.8	38.6

