

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047187.D
 Acq On : 17 Feb 2022 03:40
 Operator : SY/MD
 Sample : N1558-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 17 04:54:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

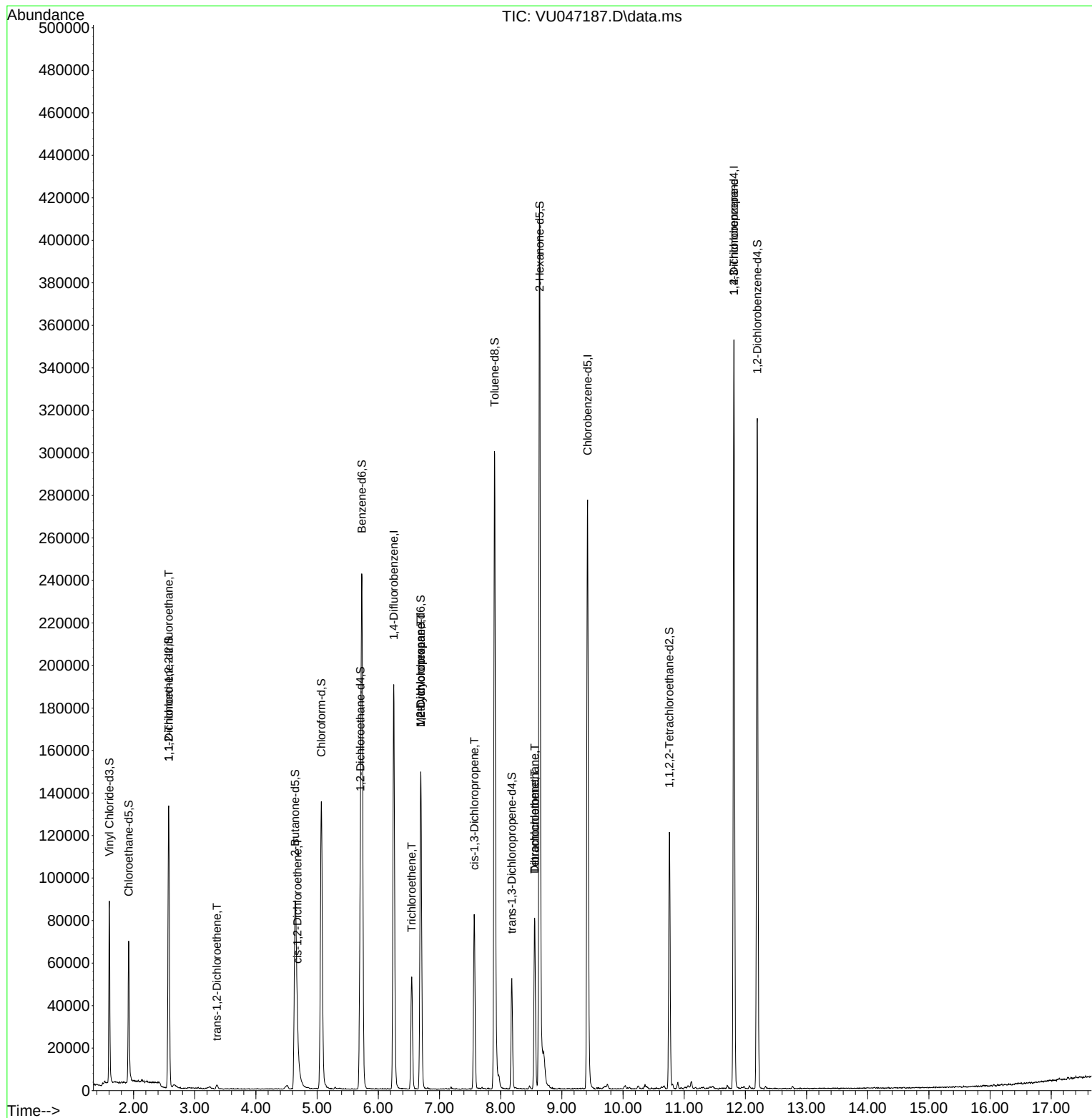
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	166541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62180	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.919	69	51023	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.575	65	24837	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.642	46	182539	55.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.640%
24) Chloroform-d	5.070	84	110756	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.707	65	62251	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	229637	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.694	67	73824	4.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.899	98	217264	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.182	79	29127	4.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	155025	43.865	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	59351	4.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	85225	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	689	0.062	ug/L #	21
18) trans-1,2-Dichloroethene	3.363	96	1090	0.095	ug/L	86
22) cis-1,2-Dichloroethene	4.678	96	1004	0.080	ug/L	97
34) Trichloroethene	6.546	95	17491	1.386	ug/L	94
35) Methylcyclohexane	6.694	83	16125	0.757	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7664	0.627	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1826	0.096	ug/L #	58
47) Tetrachloroethene	8.555	164	19168	1.871	ug/L	90
49) Dibromochloromethane	8.555	129	17911	1.565	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	10497	1.162	ug/L #	68

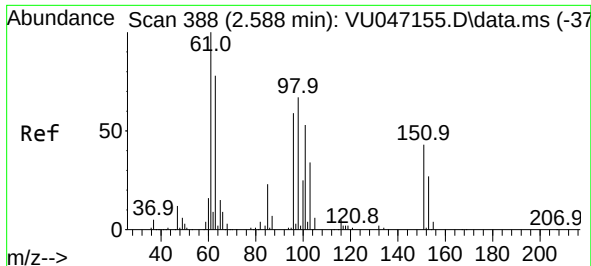
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.062 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU047187.D

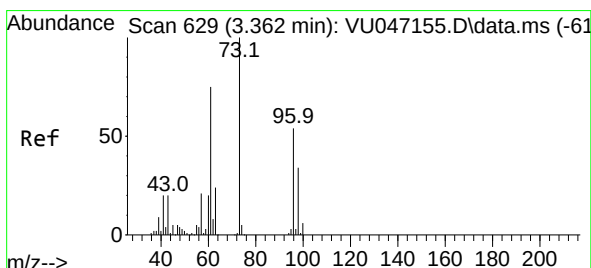
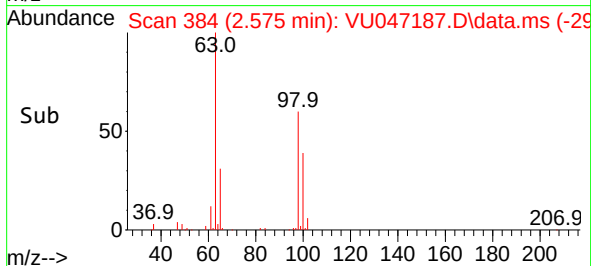
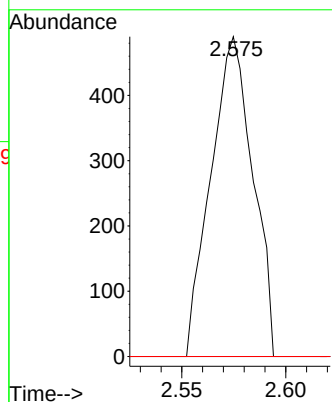
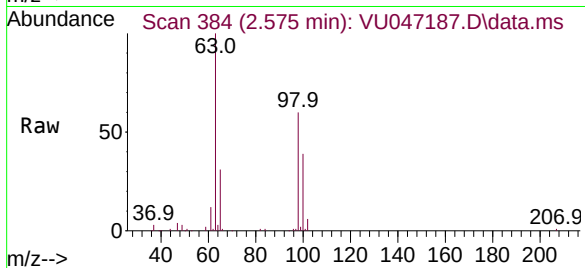
Acq: 17 Feb 2022 03:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	689
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	56.1	84.1#



#18

trans-1,2-Dichloroethene

Concen: 0.095 ug/L

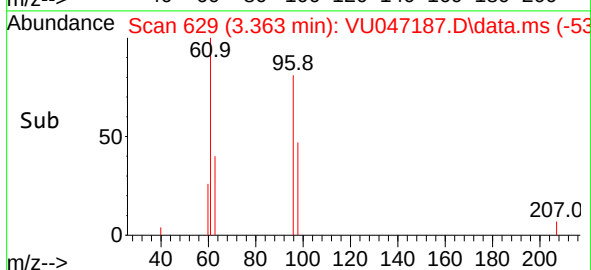
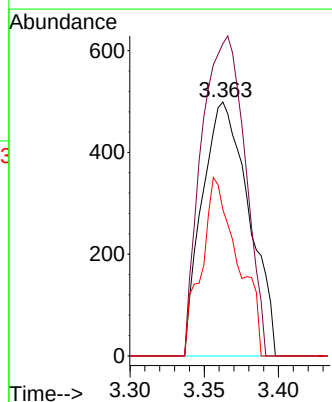
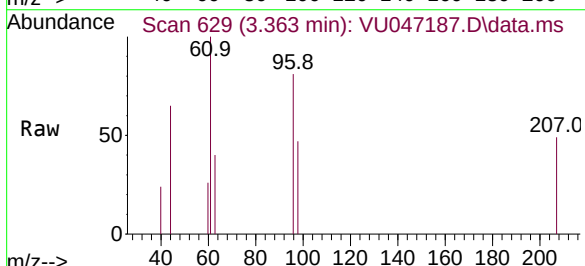
RT: 3.363 min Scan# 629

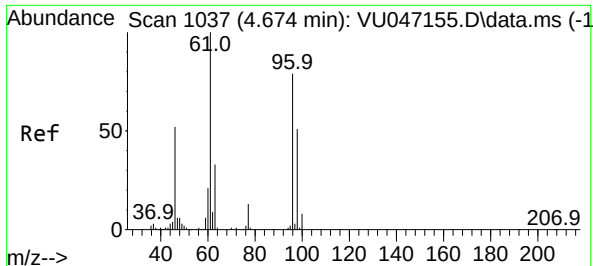
Delta R.T. 0.000 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Tgt Ion:	96	Resp:	1090
Ion	Ratio	Lower	Upper
96	100		
61	123.0	100.8	187.2
98	57.5	45.1	83.7





#22

cis-1,2-Dichloroethene

Concen: 0.080 ug/L

RT: 4.678 min Scan# 1037

Delta R.T. 0.003 min

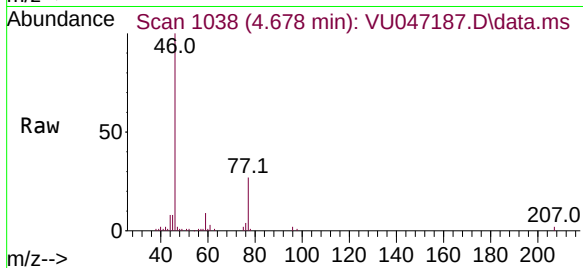
Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Instrument :

MSVOA_U

ClientSampleId :



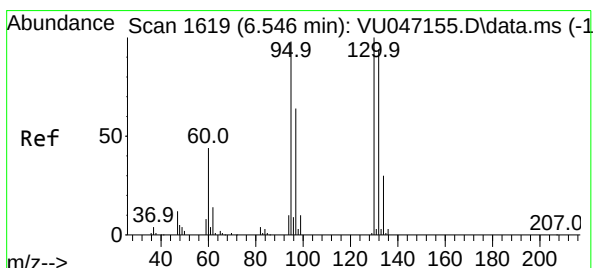
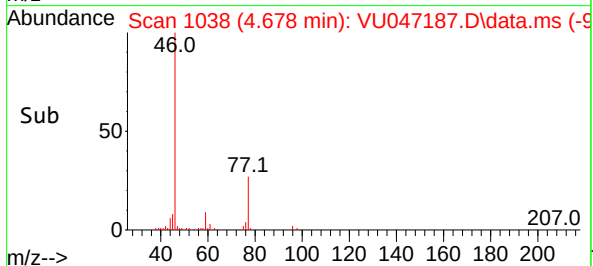
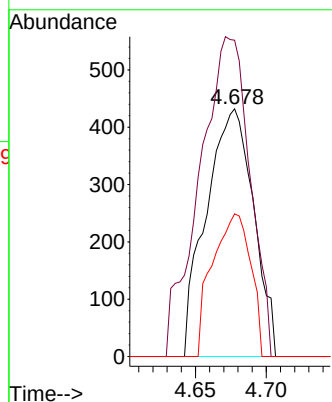
Tgt Ion: 96 Resp: 1004

Ion Ratio Lower Upper

96 100

61 127.8 88.5 164.3

98 57.6 44.4 82.5



#34

Trichloroethene

Concen: 1.386 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Tgt Ion: 95 Resp: 17491

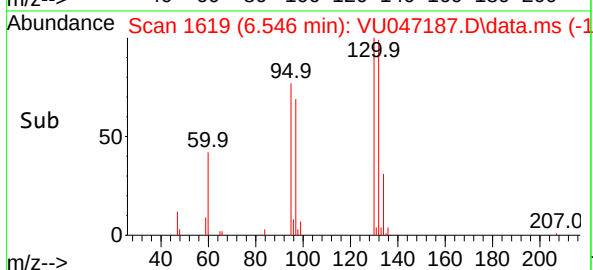
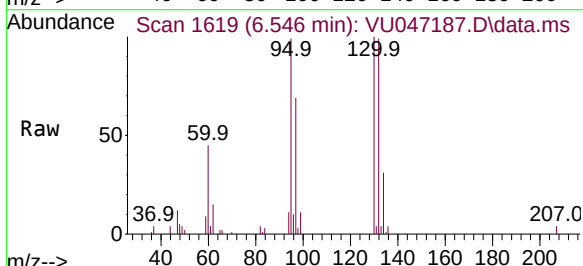
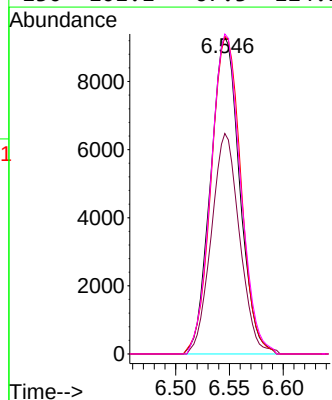
Ion Ratio Lower Upper

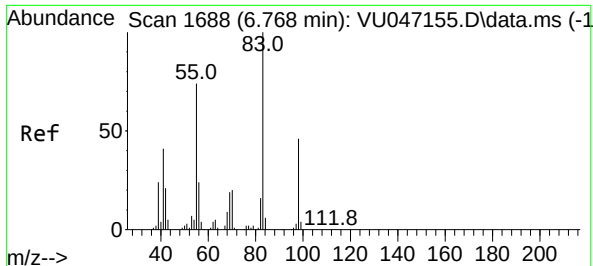
95 100

97 69.6 46.5 86.5

132 100.3 65.1 120.9

130 101.1 67.3 124.9

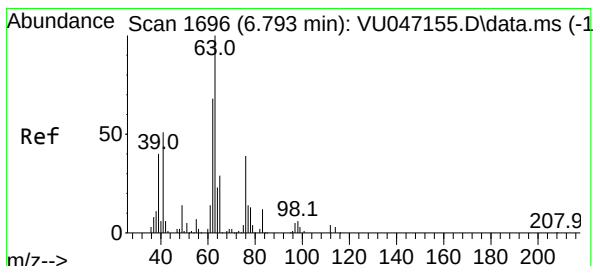
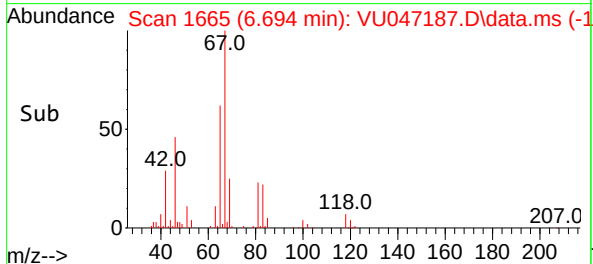
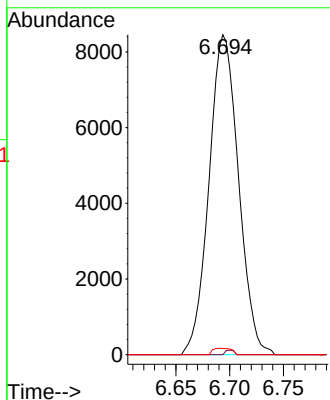
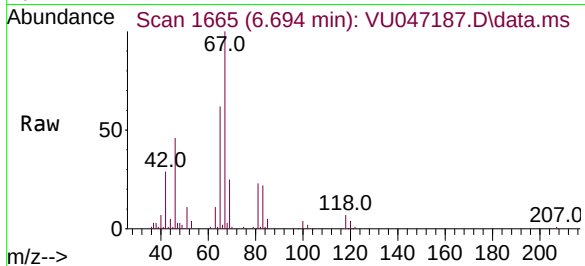




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

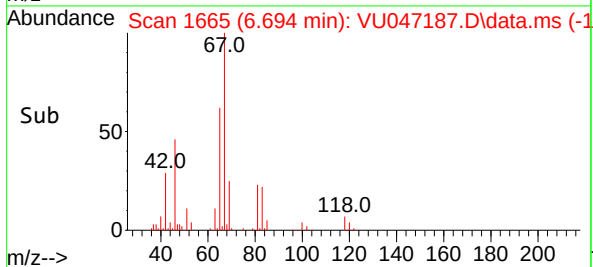
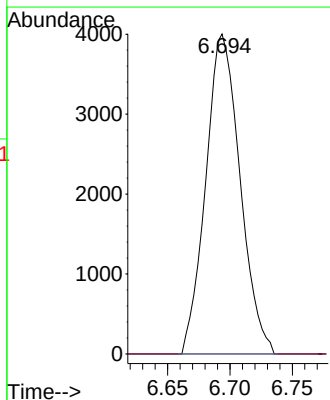
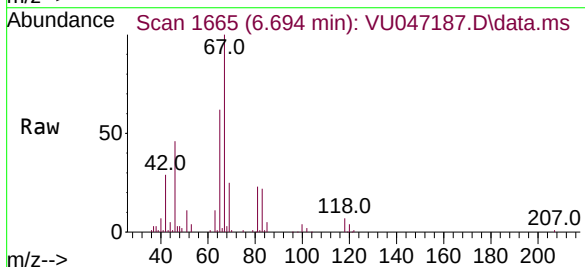
Instrument :
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ClientSampleId :

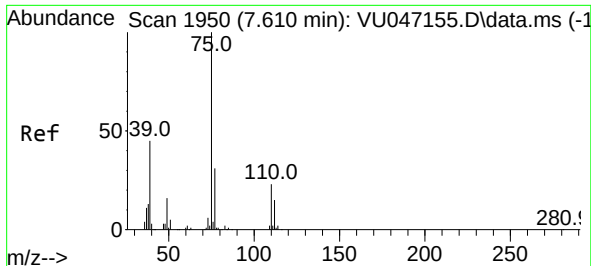
Tgt Ion: 83 Resp: 16125
Ion Ratio Lower Upper
83 100
55 0.4 61.9 92.9#
98 1.3 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047187.D
Acq: 17 Feb 2022 03:40

Tgt Ion: 63 Resp: 7664
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Instrument :

MSVOA_U

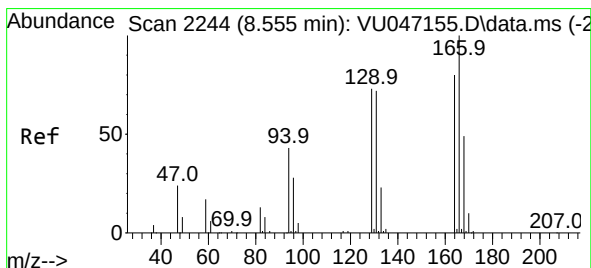
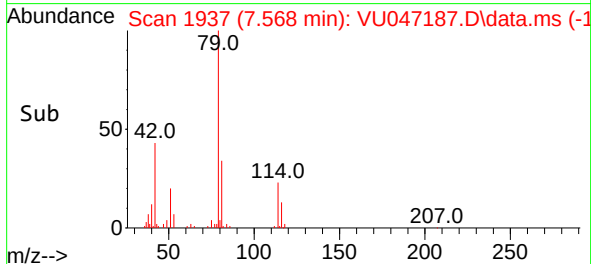
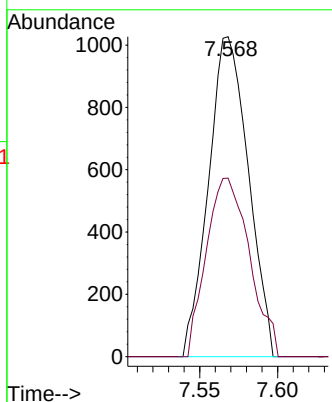
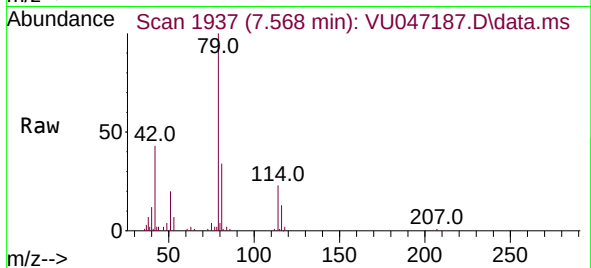
ClientSampleId :

Tgt Ion: 75 Resp: 1826

Ion Ratio Lower Upper

75 100

77 55.8 22.5 41.9#



#47

Tetrachloroethene

Concen: 1.871 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Tgt Ion:164 Resp: 19168

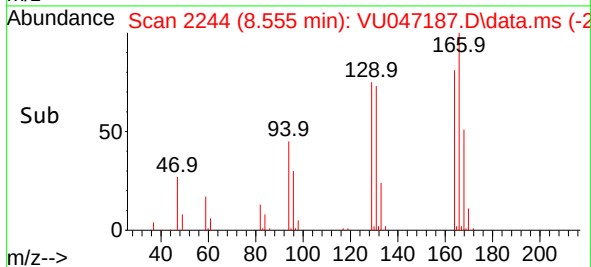
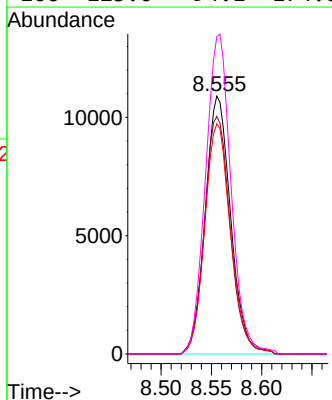
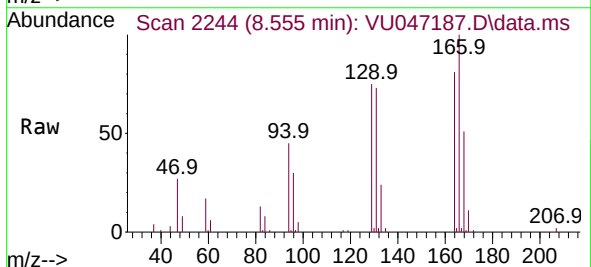
Ion Ratio Lower Upper

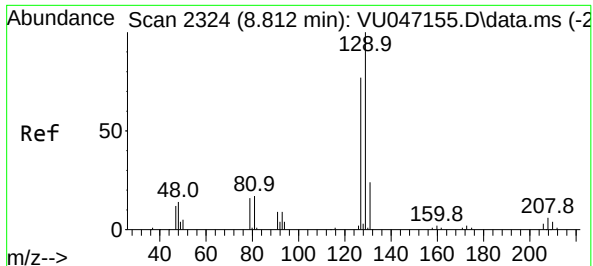
164 100

129 92.0 71.8 133.4

131 89.2 68.5 127.3

166 123.0 94.1 174.8





#49

Dibromochloromethane

Concen: 1.565 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Instrument :

MSVOA_U

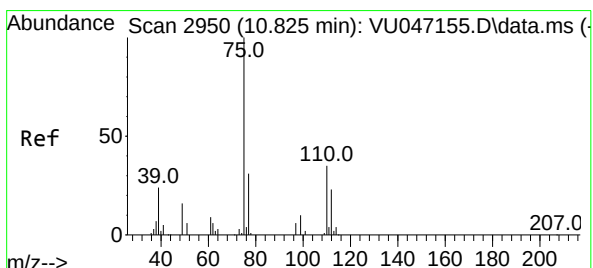
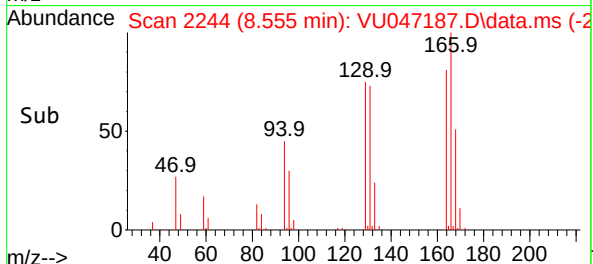
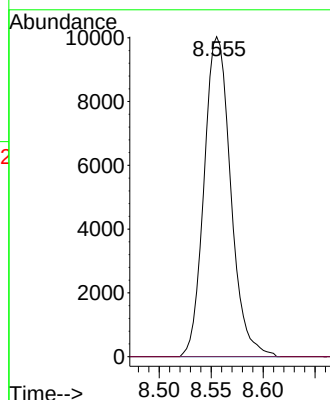
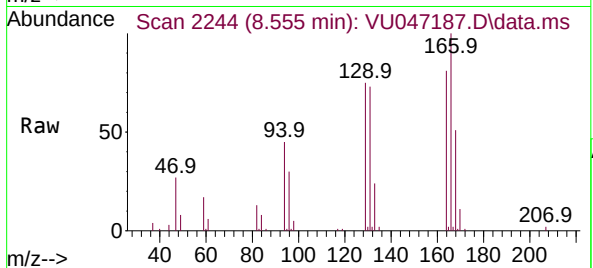
ClientSampleId :

Tgt Ion:129 Resp: 17911

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047187.D

Acq: 17 Feb 2022 03:40

Tgt Ion: 75 Resp: 10497

Ion Ratio Lower Upper

75 100

110 2.6 29.9 44.9#

77 31.6 25.5 38.3

