

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047459.D
 Acq On : 10 Mar 2022 15:40
 Operator : SY/MD
 Sample : N1840-06DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:55:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

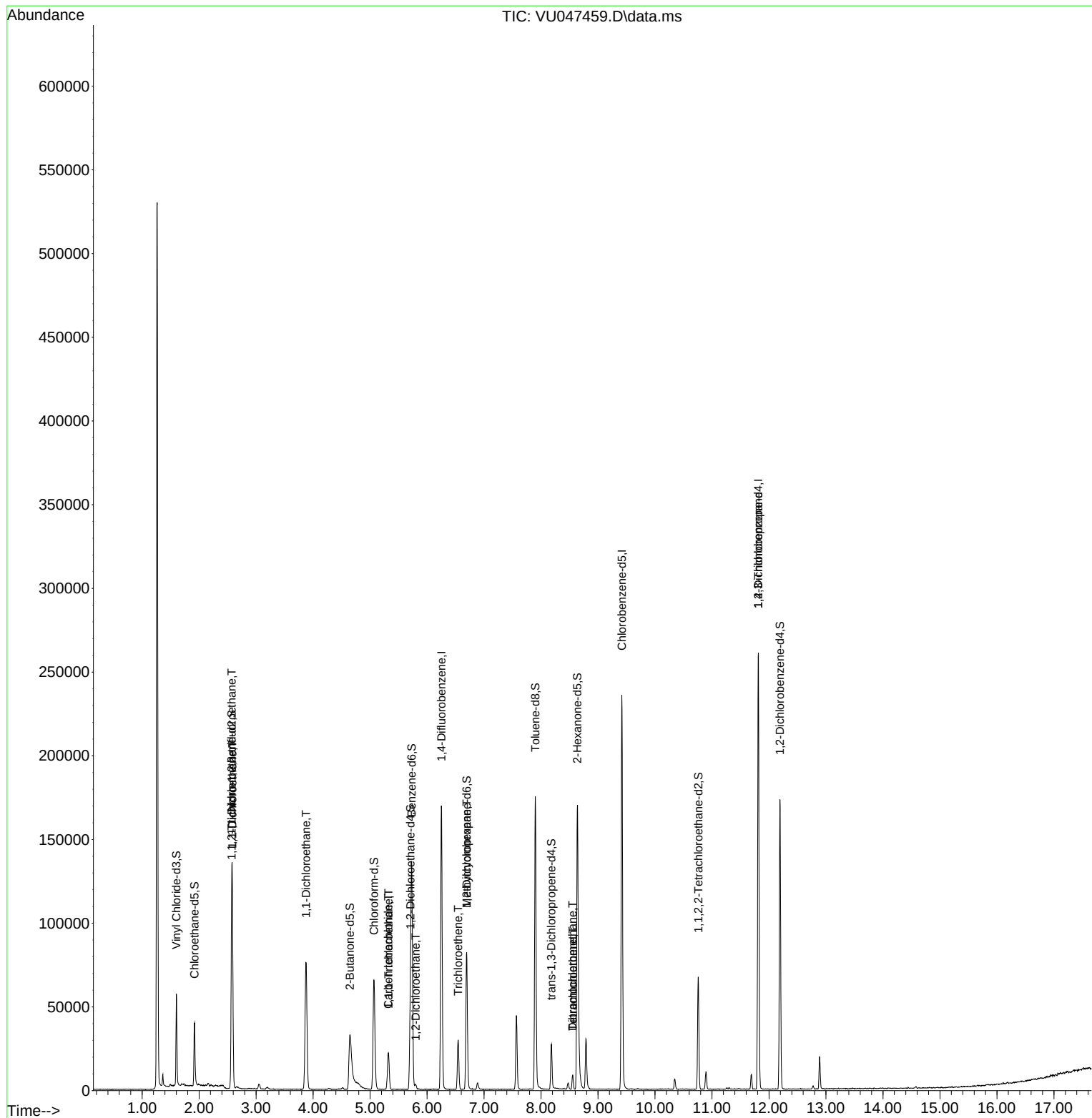
Internal Standards						
1) 1,4-Difluorobenzene	6.251	114	145131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	138333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	73667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38355	4.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.920	69	29044	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.572	65	16830	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.646	46	77952	55.624	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	5.067	84	62030	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.707	65	32559	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.730	84	131054	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.694	67	39468	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.900	98	123183	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.180	79	16047	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.636	63	70263	48.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	32992	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	47625	5.099	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	575	0.066	ug/L #	17
12) 1,1-Dichloroethene	2.585	96	26039	3.056	ug/L #	76
19) 1,1-Dichloroethane	3.875	63	88006	5.672	ug/L	99
27) 1,2-Dichloroethane	5.801	62	2210	0.204	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	16142	1.129	ug/L	98
31) Carbon tetrachloride	5.318	117	2148	0.171	ug/L	93
34) Trichloroethene	6.546	95	9904	0.992	ug/L	96
35) Methylcyclohexane	6.694	83	9135	0.580	ug/L #	22
47) Tetrachloroethene	8.556	164	2098	0.248	ug/L	90
49) Dibromochloromethane	8.553	129	1877	0.203	ug/L #	12
61) 1,2,3-Trichloropropane	11.813	75	7680	1.125	ug/L #	67

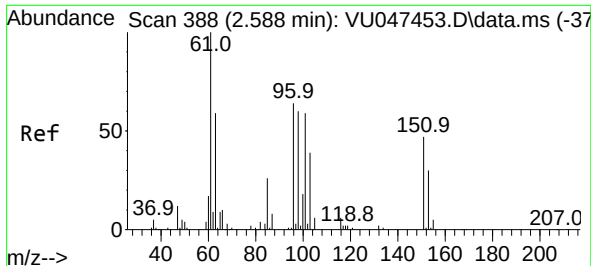
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.066 ug/L

RT: 2.569 min Scan# 71

Delta R.T. -0.018 min

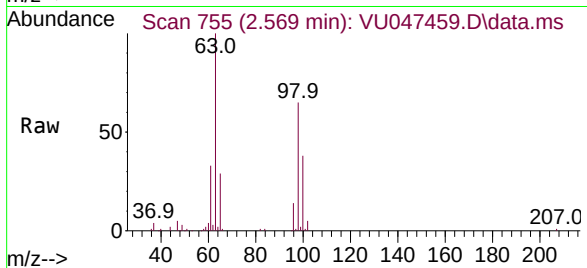
Lab File: VU047459.D

Acq: 10 Mar 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :



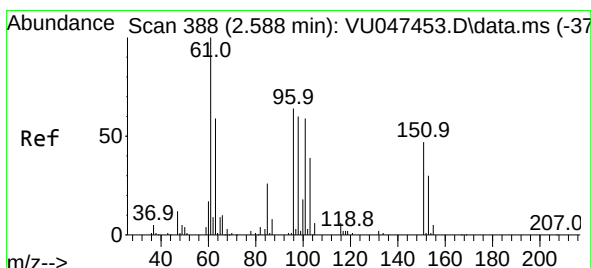
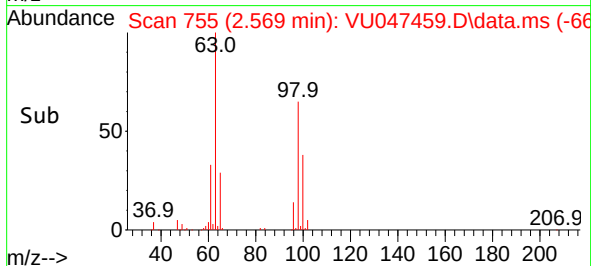
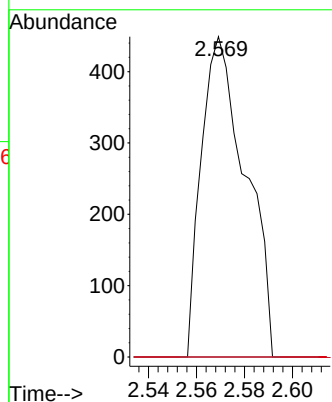
Tgt Ion:101 Resp: 575

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 64.8 97.2#



#12

1,1-Dichloroethene

Concen: 3.056 ug/L

RT: 2.585 min Scan# 760

Delta R.T. -0.002 min

Lab File: VU047459.D

Acq: 10 Mar 2022 15:40

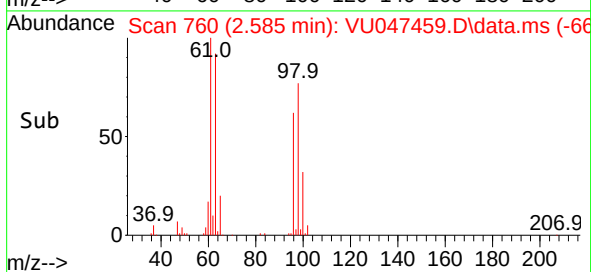
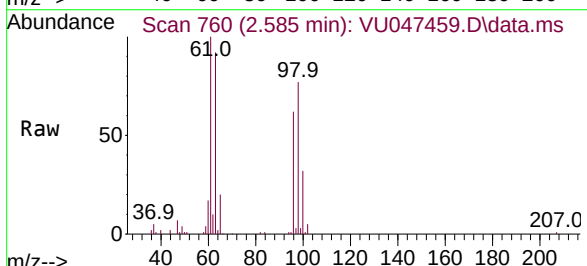
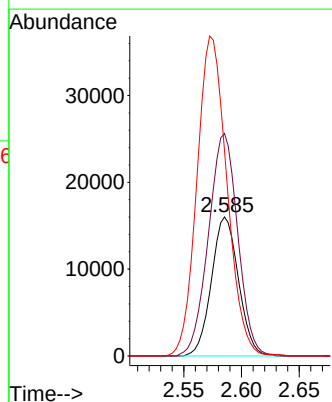
Tgt Ion: 96 Resp: 26039

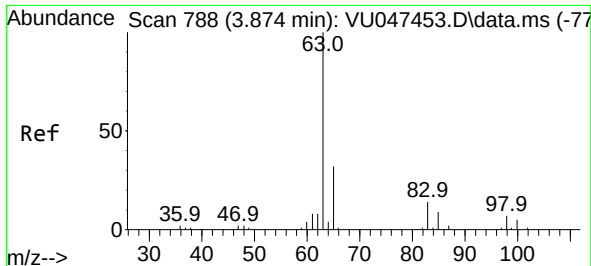
Ion Ratio Lower Upper

96 100

61 160.1 108.8 202.0

63 147.7 64.0 119.0#





#19

1,1-Dichloroethane

Concen: 5.672 ug/L

RT: 3.875 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU047459.D

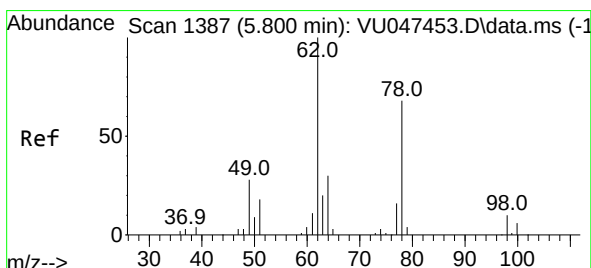
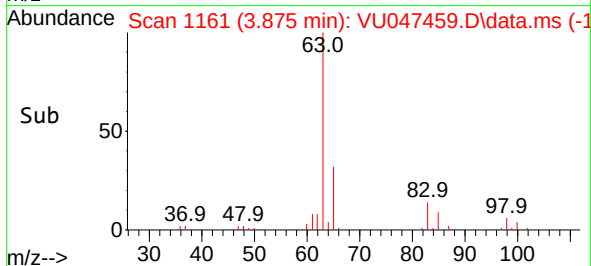
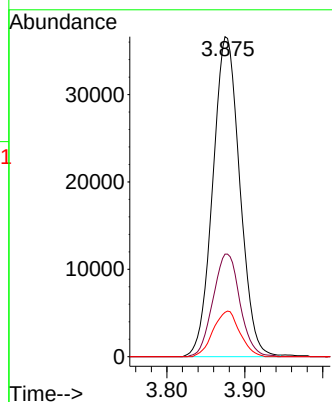
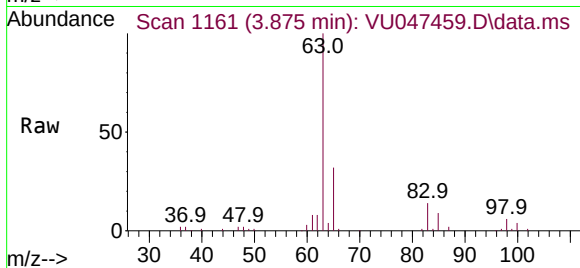
Acq: 10 Mar 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 88006
Ion Ratio	Lower Upper
63 100	
65 32.0	22.8 42.4
83 13.9	9.9 18.3



#27

1,2-Dichloroethane

Concen: 0.204 ug/L

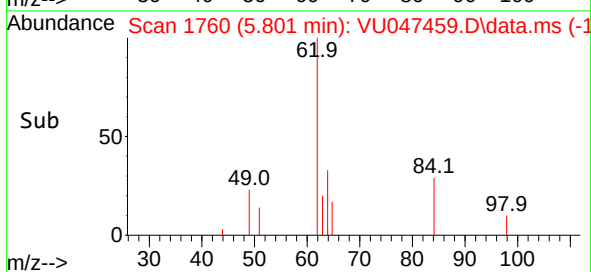
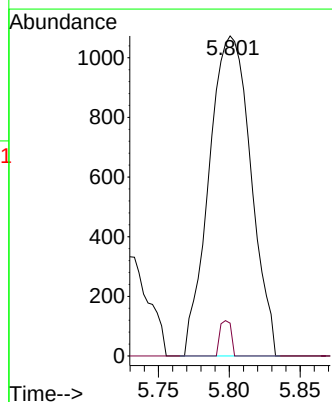
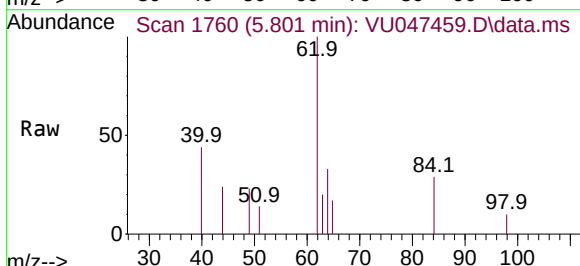
RT: 5.801 min Scan# 1760

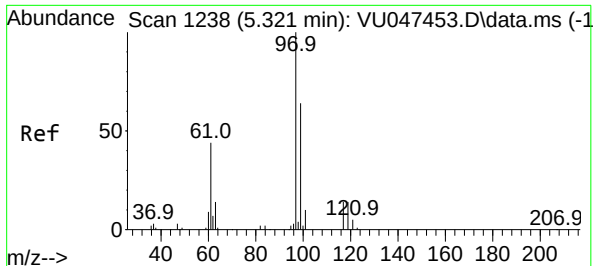
Delta R.T. 0.001 min

Lab File: VU047459.D

Acq: 10 Mar 2022 15:40

Tgt Ion: 62	Resp: 2210
Ion Ratio	Lower Upper
62 100	
98 10.3	7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 1.129 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.001 min

Lab File: VU047459.D

Acq: 10 Mar 2022 15:40

Instrument :

MSVOA_U

ClientSampleId :

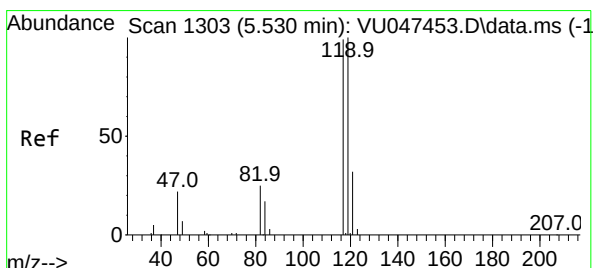
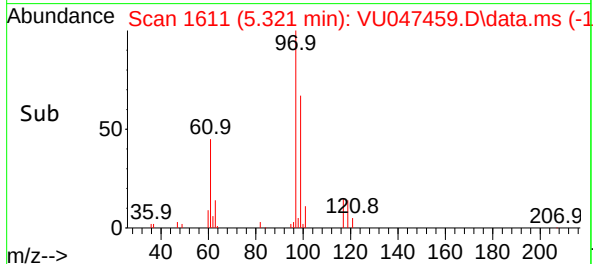
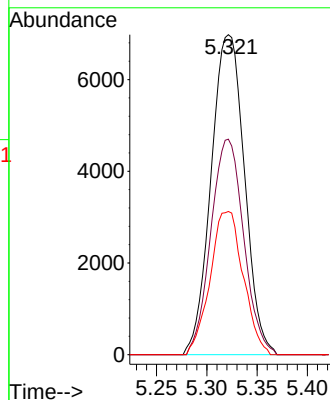
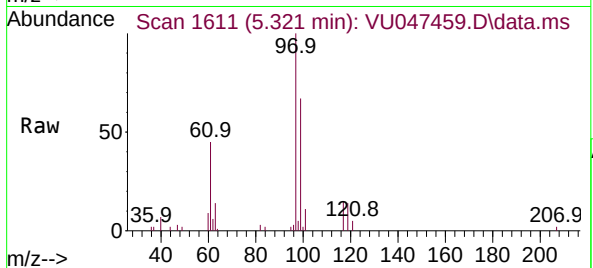
Tgt Ion: 97 Resp: 16142

Ion Ratio Lower Upper

97 100

99 66.2 52.1 78.1

61 44.3 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.171 ug/L

RT: 5.318 min Scan# 1610

Delta R.T. -0.211 min

Lab File: VU047459.D

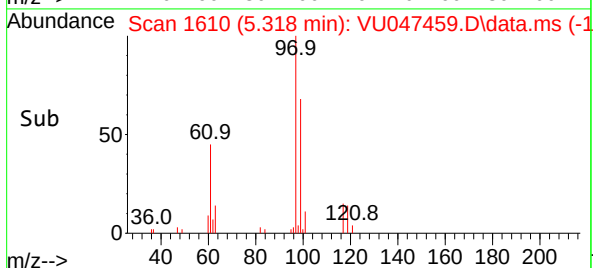
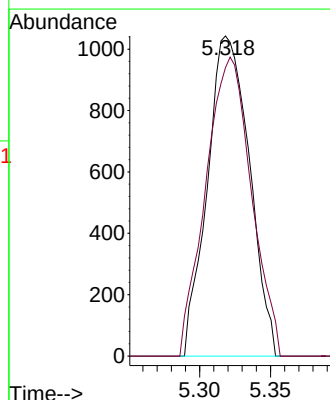
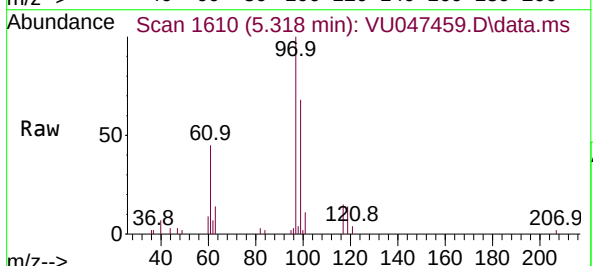
Acq: 10 Mar 2022 15:40

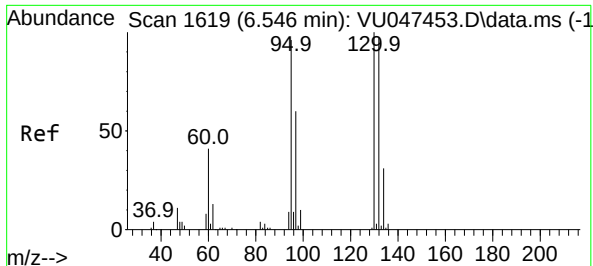
Tgt Ion: 117 Resp: 2148

Ion Ratio Lower Upper

117 100

119 101.4 75.8 113.8

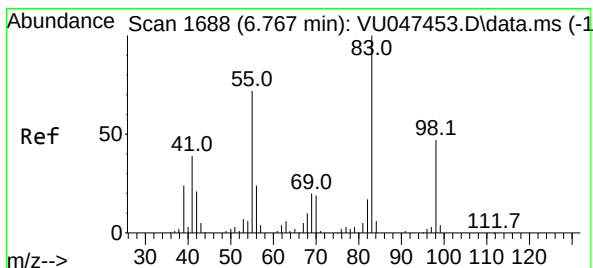
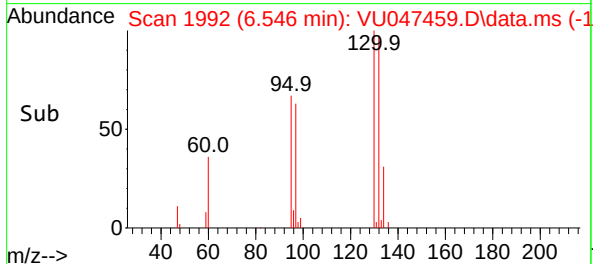
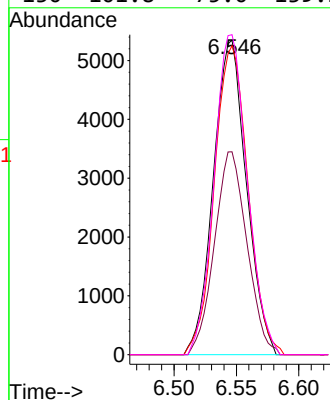
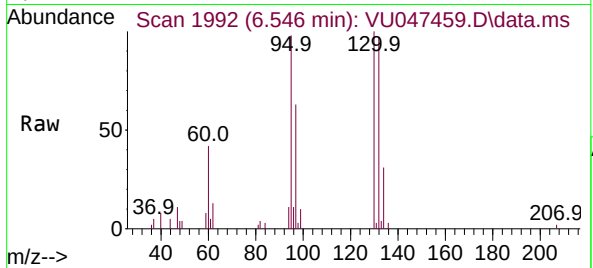




#34
Trichloroethene
Concen: 0.992 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VU047459.D
Acq: 10 Mar 2022 15:40

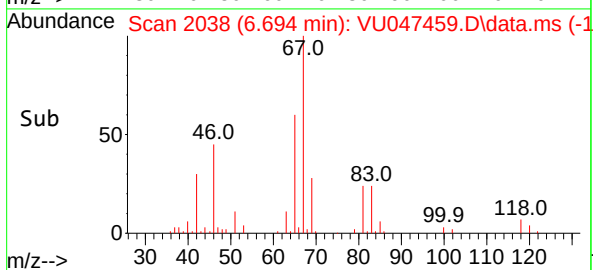
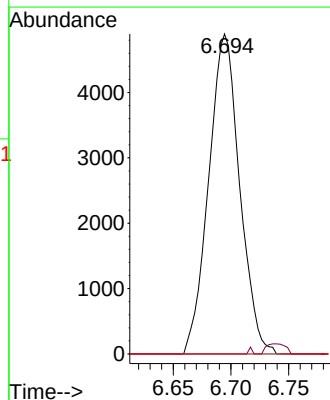
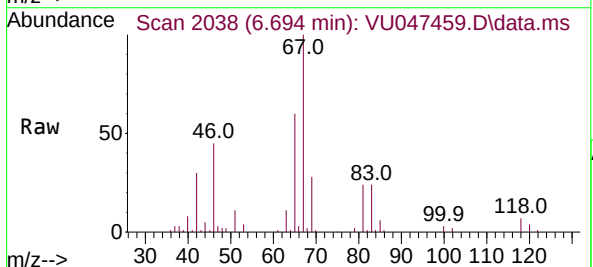
Instrument :
MSVOA_U
ClientSampleId :

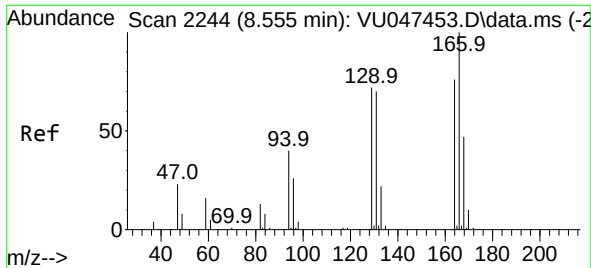
Tgt Ion:	95	Resp:	9904
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.3	85.9
132	98.3	71.7	133.1
130	101.8	75.0	139.2



#35
Methylcyclohexane
Concen: 0.580 ug/L
RT: 6.694 min Scan# 2038
Delta R.T. -0.073 min
Lab File: VU047459.D
Acq: 10 Mar 2022 15:40

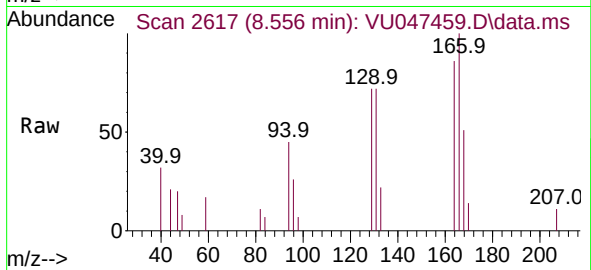
Tgt Ion:	83	Resp:	9135
Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	3.9	38.0	57.0#



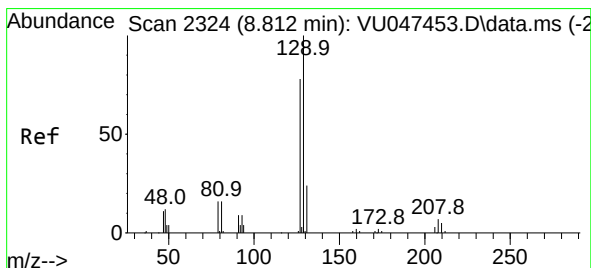
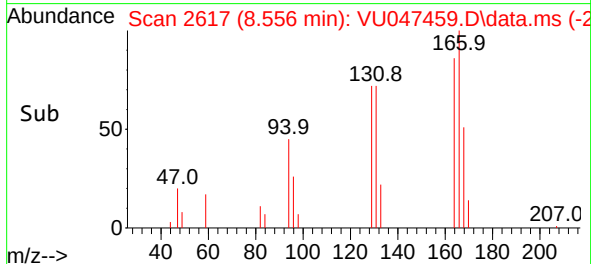
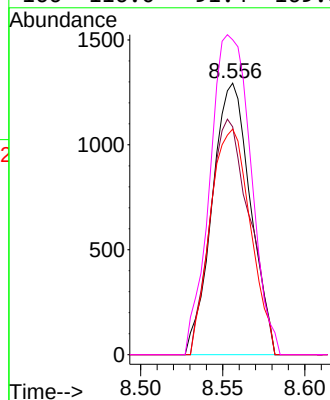


#47
Tetrachloroethene
Concen: 0.248 ug/L
RT: 8.556 min Scan# 2098
Delta R.T. 0.001 min
Lab File: VU047459.D
Acq: 10 Mar 2022 15:40

Instrument :
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ClientSampleId :

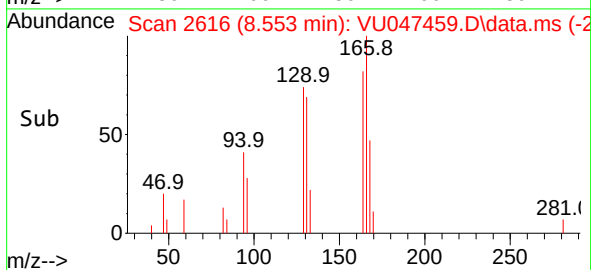
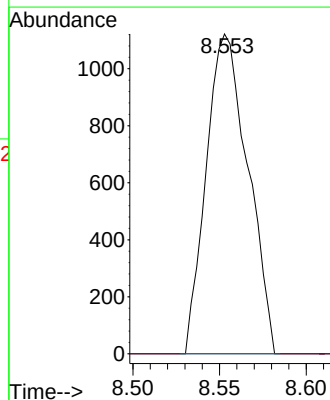
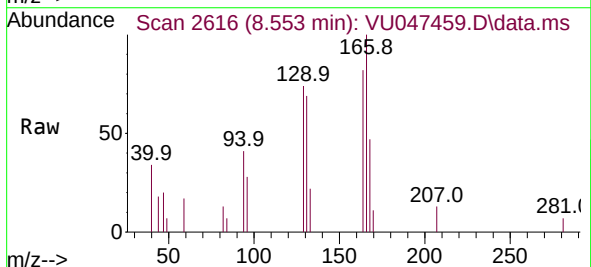


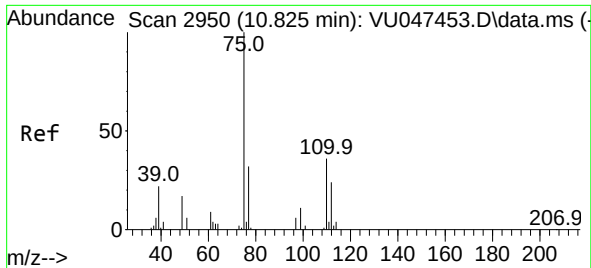
Tgt	Ion:164	Resp:	2098
Ion	Ratio	Lower	Upper
164	100		
129	83.9	64.9	120.5
131	83.1	63.6	118.2
166	116.0	91.4	169.8



#49
Dibromochloromethane
Concen: 0.203 ug/L
RT: 8.553 min Scan# 2616
Delta R.T. -0.260 min
Lab File: VU047459.D
Acq: 10 Mar 2022 15:40

Tgt Ion:129	Resp:	1877	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#





#61

1,2,3-Trichloropropane

Concen: 1.125 ug/L

RT: 11.813 min Scan# 30

Delta R.T. 0.988 min

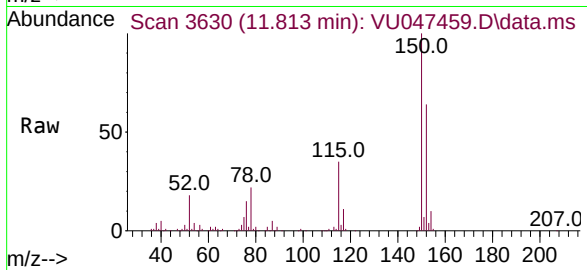
Lab File: VU047459.D

Acq: 10 Mar 2022 15:40

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Tgt Ion:	75	Resp:	7680
Ion	Ratio	Lower	Upper
75	100		
110	1.7	31.0	46.4#
77	33.0	26.2	39.4

