

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052347.D
 Acq On : 12 Dec 2022 13:03
 Operator : JC/MD
 Sample : N5960-02DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 01:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

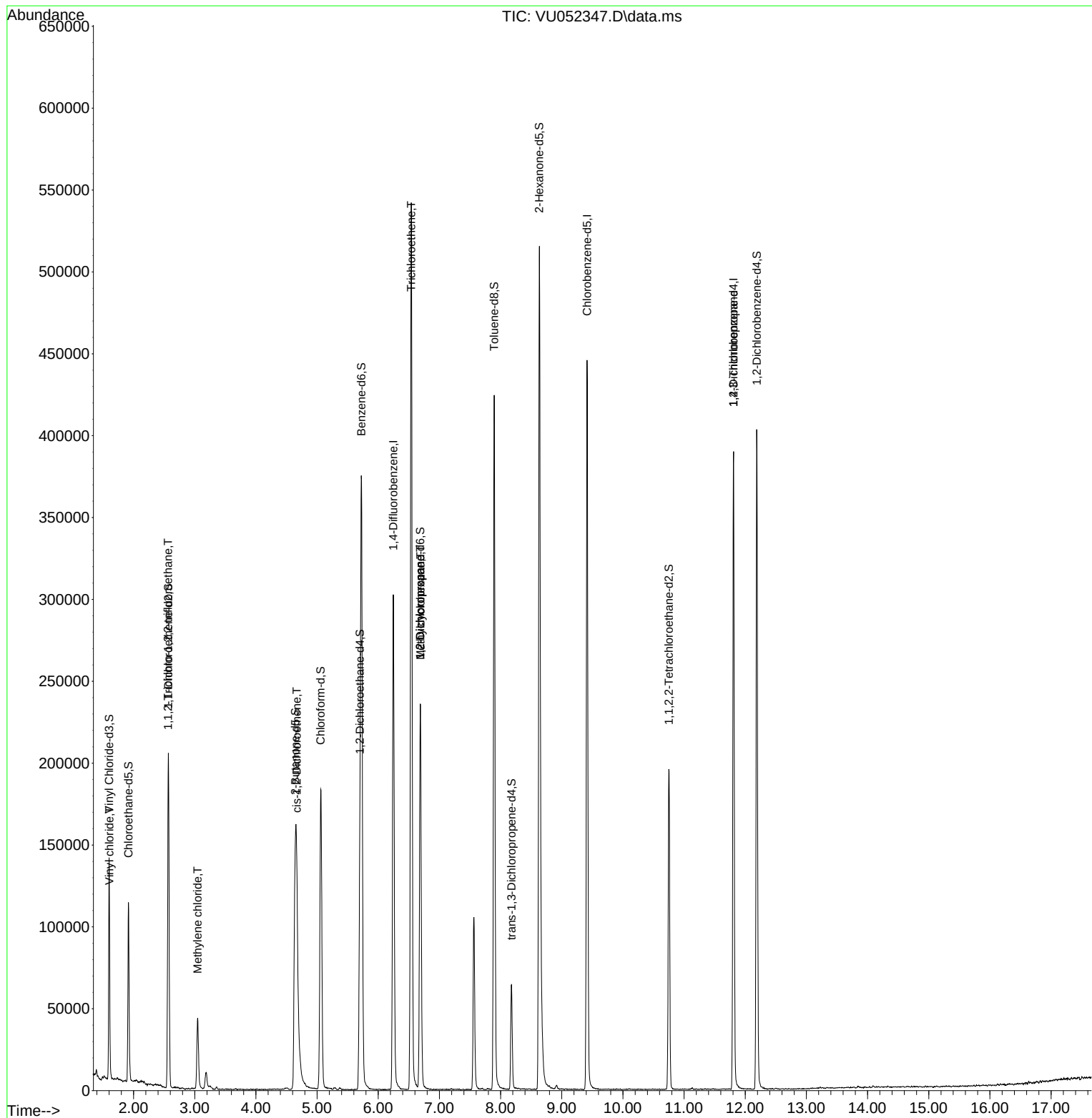
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	252754	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95157	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	83793	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.568	65	39223	4.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.645	46	258458	57.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.000%
24) Chloroform-d	5.060	84	177262	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.700	65	94343	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.726	84	367699	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	122946	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.896	98	299922	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.179	79	40059	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.632	63	180324	49.620	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105923	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	110490	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	4825	0.176	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1207	0.065	ug/L #	20
16) Methylene chloride	3.047	84	23043	0.929	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	28837	1.398	ug/L	99
34) Trichloroethene	6.539	95	193446	9.305	ug/L	96
35) Methylcyclohexane	6.690	83	27531	0.921	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12326	0.571	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	12081	0.967	ug/L #	68

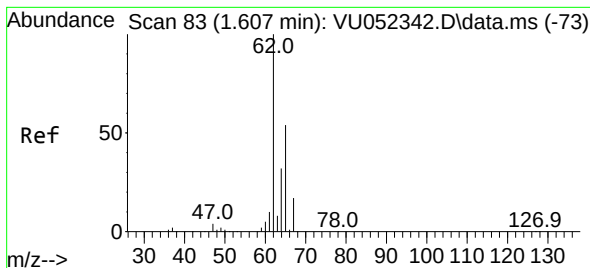
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.176 ug/L

RT: 1.607 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052347.D

Acq: 12 Dec 2022 13:03

Instrument :

MSVOA_U

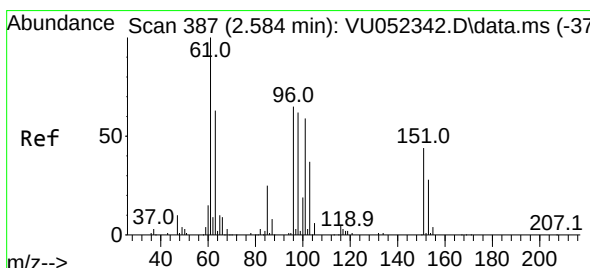
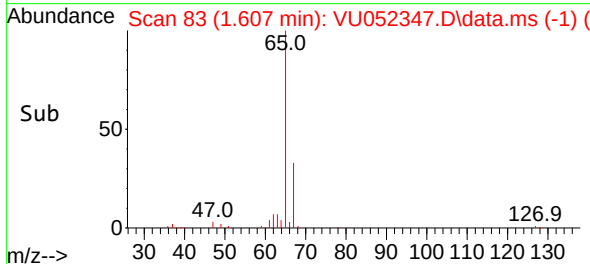
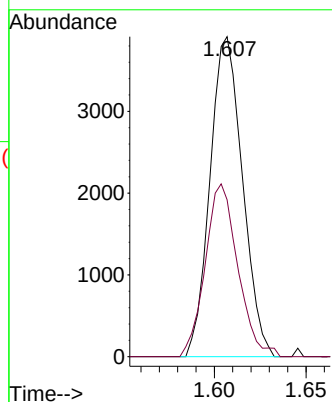
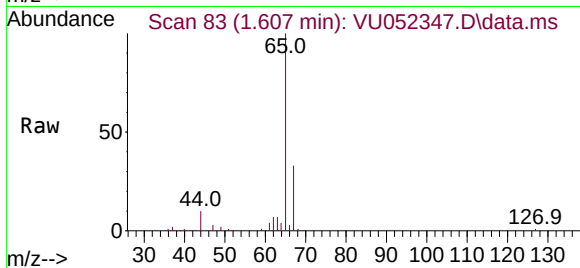
ClientSampleId :

Tgt Ion: 62 Resp: 4825

Ion Ratio Lower Upper

62 100

64 49.1 23.5 43.7#



#10

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

Concen: 0.065 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU052347.D

Acq: 12 Dec 2022 13:03

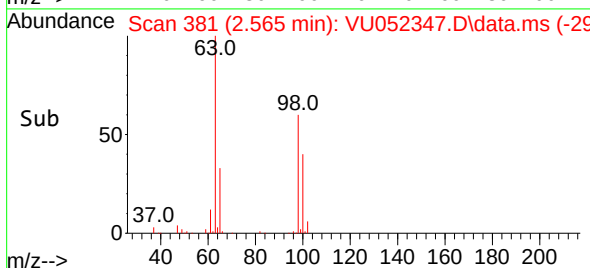
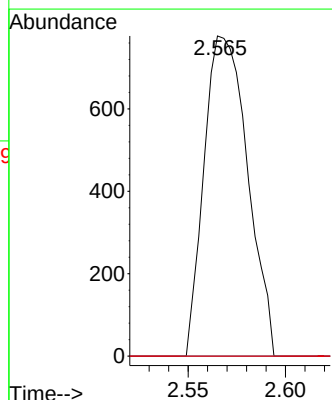
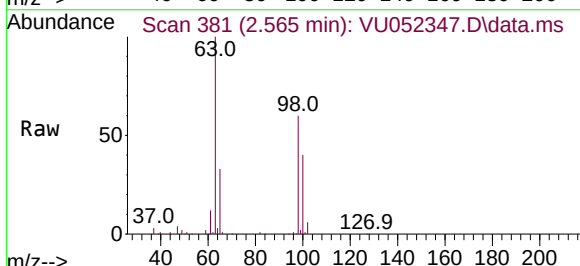
Tgt Ion: 101 Resp: 1207

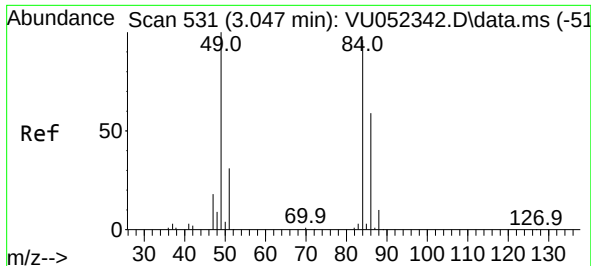
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#

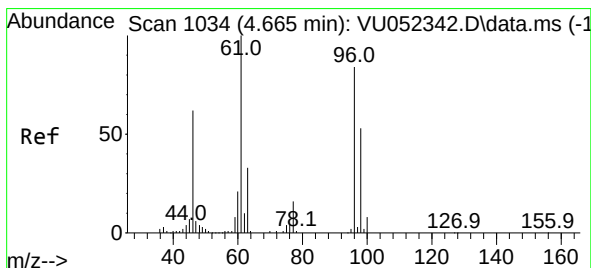
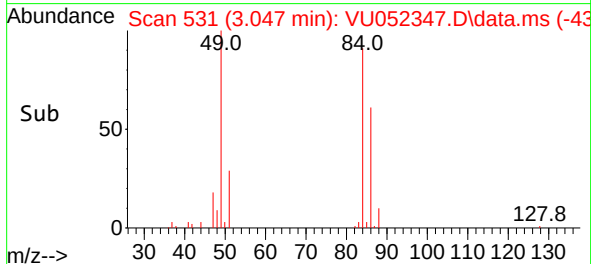
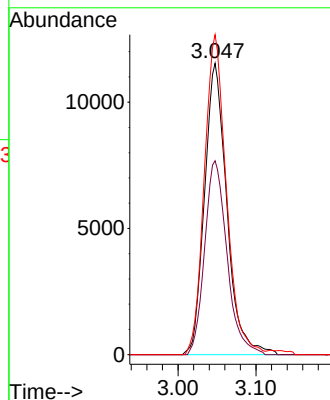
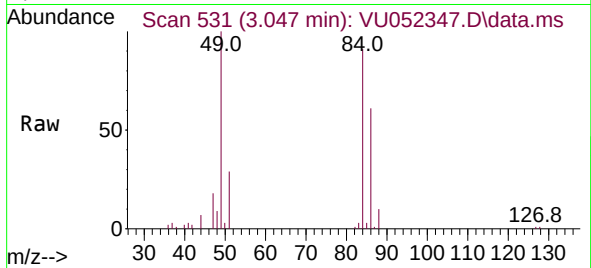




#16
Methylene chloride
Concen: 0.929 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

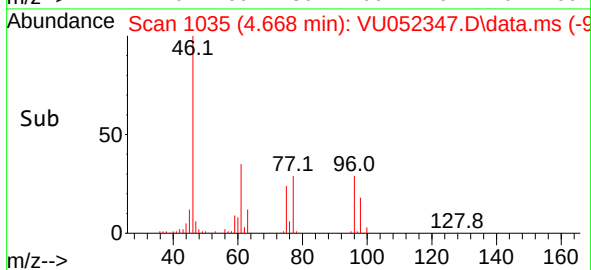
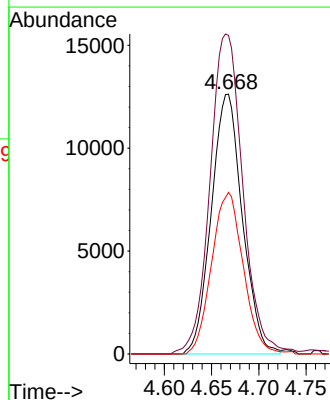
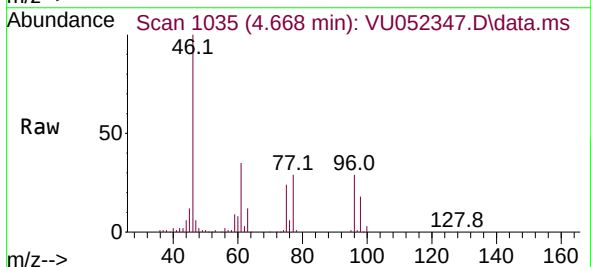
Instrument :
MSVOA_U
ClientSampleId :

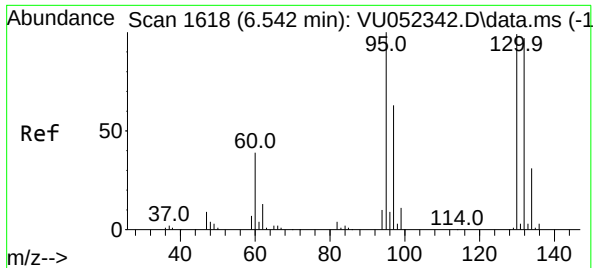
Tgt Ion: 84 Resp: 23043
Ion Ratio Lower Upper
84 100
86 66.6 43.8 81.4
49 109.8 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 1.398 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

Tgt Ion: 96 Resp: 28837
Ion Ratio Lower Upper
96 100
61 122.6 85.1 158.1
98 62.2 42.8 79.6

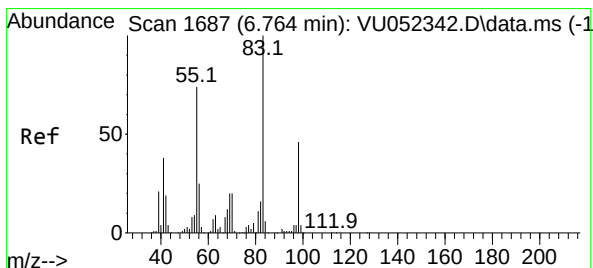
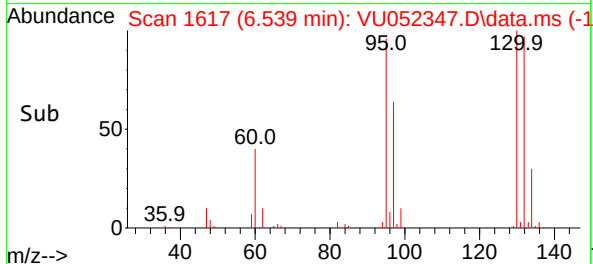
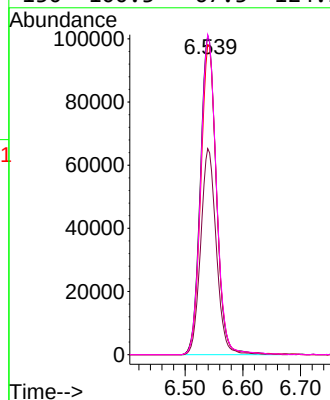
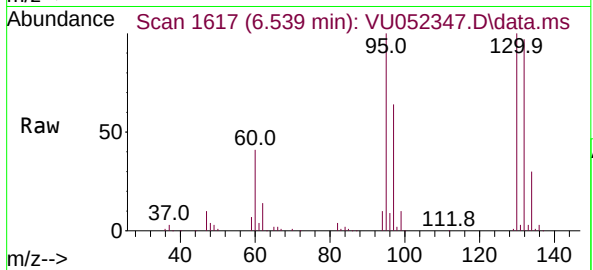




#34
Trichloroethene
Concen: 9.305 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

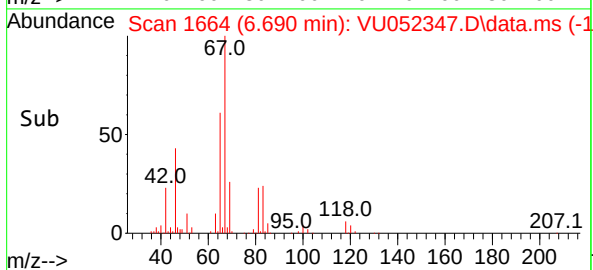
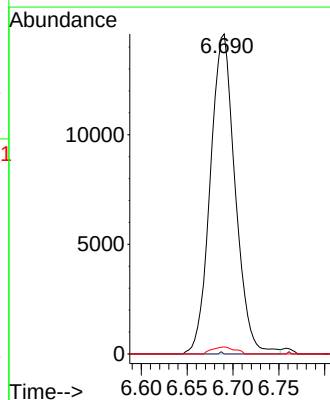
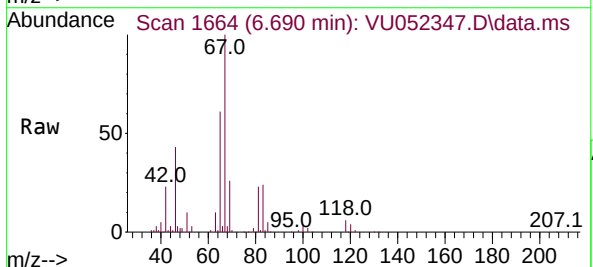
Instrument :
MSVOA_U
ClientSampleId :

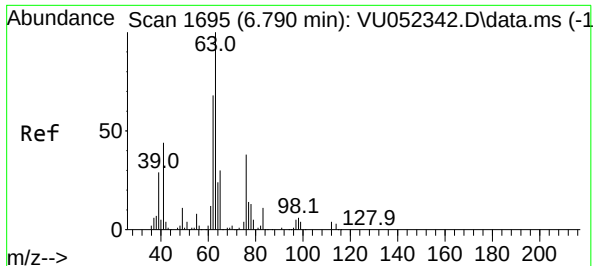
Tgt Ion: 95 Resp: 193446
Ion Ratio Lower Upper
95 100
97 64.6 43.7 81.1
132 97.2 64.3 119.3
130 100.3 67.3 124.9



#35
Methylcyclohexane
Concen: 0.921 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU052347.D
Acq: 12 Dec 2022 13:03

Tgt Ion: 83 Resp: 27531
Ion Ratio Lower Upper
83 100
55 0.1 60.8 91.2#
98 2.0 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052347.D

Acq: 12 Dec 2022 13:03

Instrument :

MSVOA_U

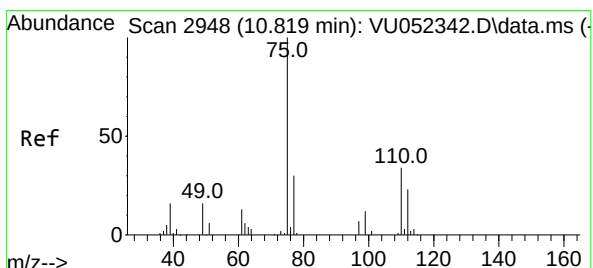
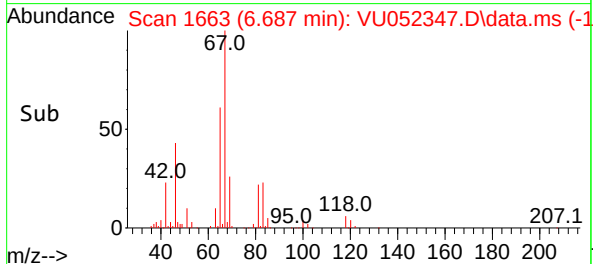
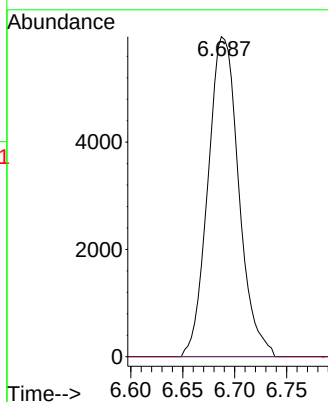
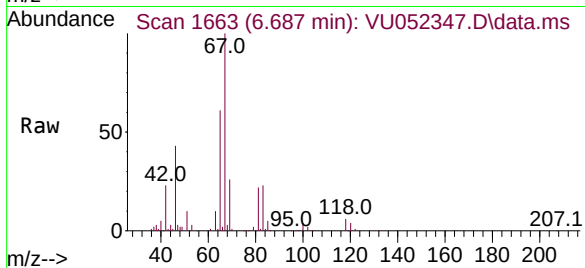
ClientSampleId :

Tgt Ion: 63 Resp: 12326

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 0.967 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052347.D

Acq: 12 Dec 2022 13:03

Tgt Ion: 75 Resp: 12081

Ion Ratio Lower Upper

75 100

110 1.9 28.3 42.5#

77 30.1 26.2 39.2

