

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047445.D
 Acq On : 10 Mar 2022 08:50
 Operator : SY/MD
 Sample : N1857-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 11 00:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

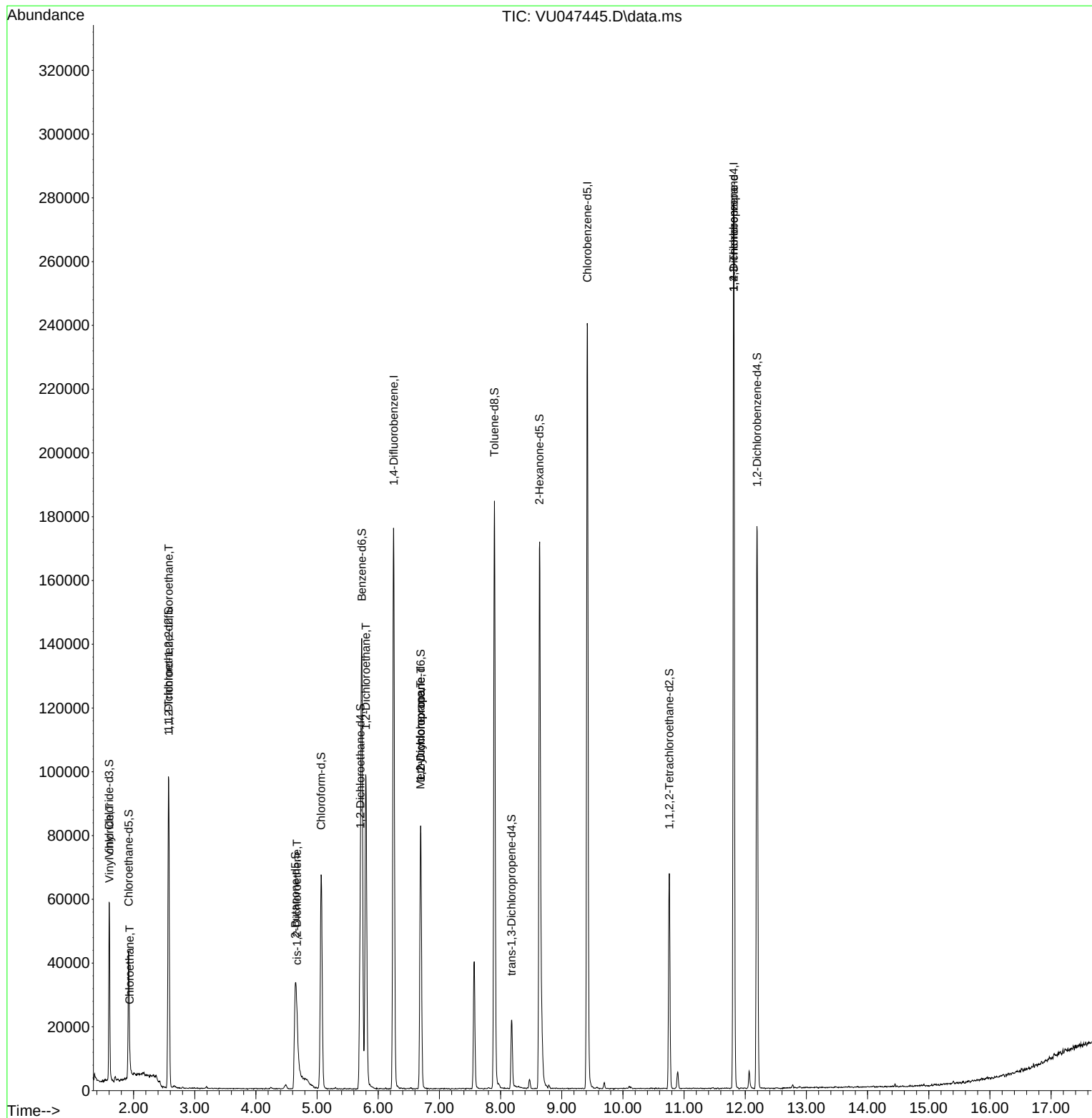
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145629	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40269	4.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.919	69	30086	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.571	65	18466	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.645	46	75272	51.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.067	84	63197	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.706	65	33440	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.732	84	137260	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.694	67	40176	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	127782	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.179	79	13307	3.868	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.636	63	72357	47.740	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33919	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	50118	5.149	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
5) Vinyl chloride	1.607	62	1421	0.128	ug/L #	51
8) Chloroethane	1.938	64	2468	0.366	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	549	0.061	ug/L #	17
22) cis-1,2-Dichloroethene	4.671	96	2741	0.261	ug/L	96
27) 1,2-Dichloroethane	5.796	62	85916	7.633	ug/L	100
35) Methylcyclohexane	6.690	83	9714	0.586	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4189	0.428	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8185	1.151	ug/L #	66

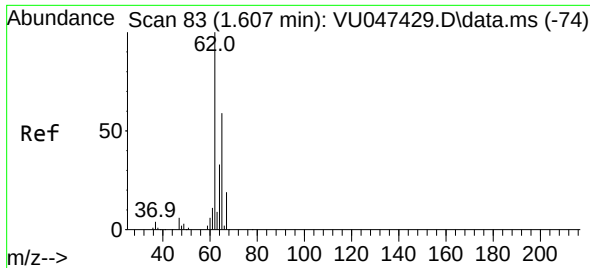
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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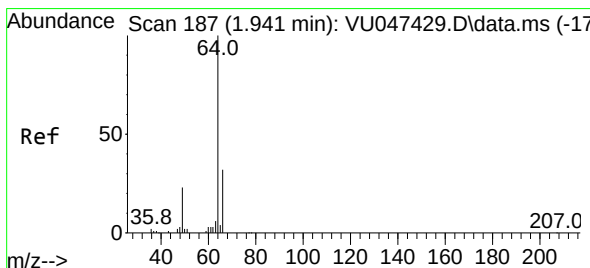
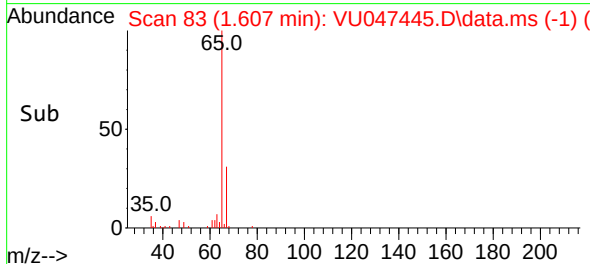
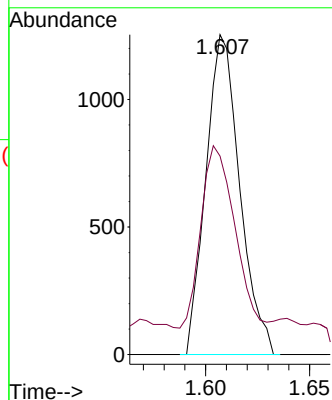
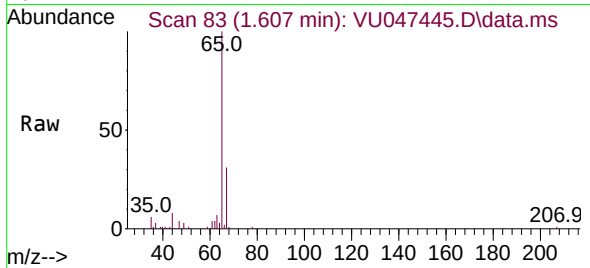




#5
 Vinyl chloride
 Concen: 0.128 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047445.D
 Acq: 10 Mar 2022 08:50

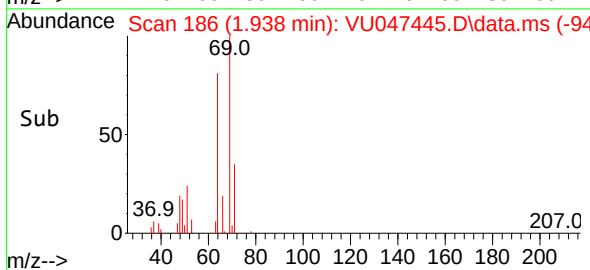
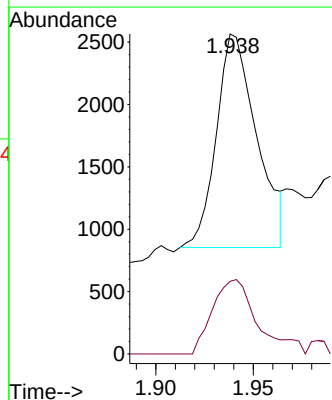
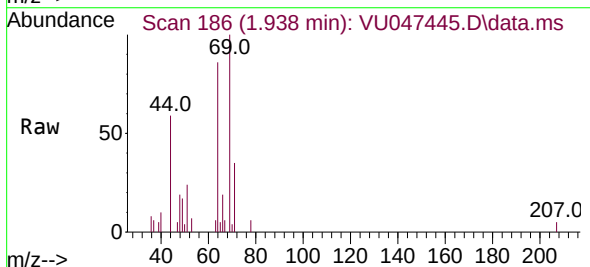
Instrument :
 MSVOA_U
 ClientSampleId :

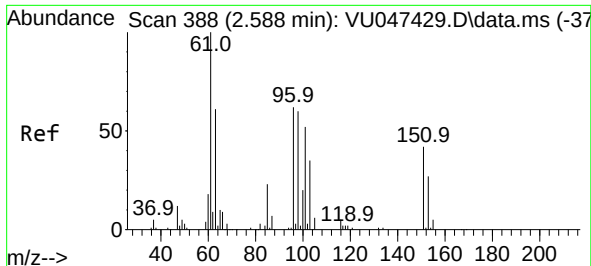
Tgt Ion: 62 Resp: 1421
 Ion Ratio Lower Upper
 62 100
 64 62.0 23.7 43.9#



#8
 Chloroethane
 Concen: 0.366 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.003 min
 Lab File: VU047445.D
 Acq: 10 Mar 2022 08:50

Tgt Ion: 64 Resp: 2468
 Ion Ratio Lower Upper
 64 100
 66 22.7 22.9 42.5#

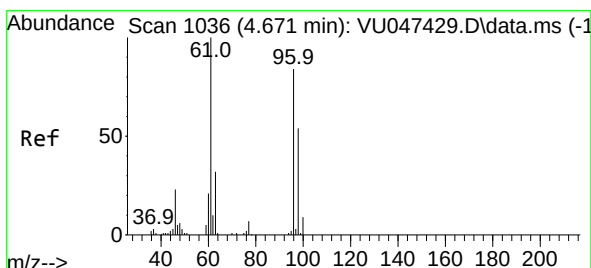
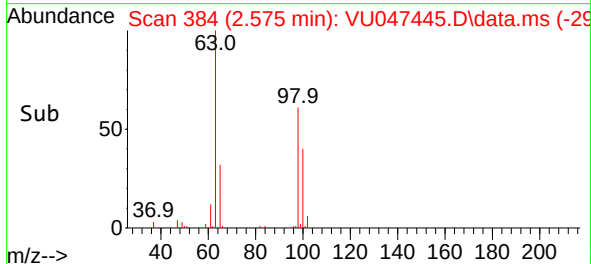
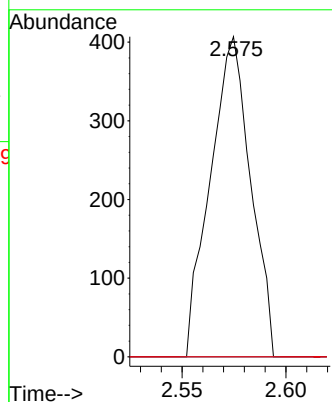
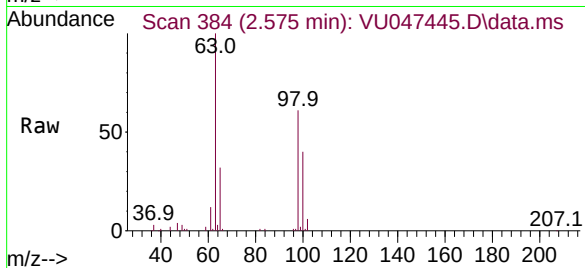




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047445.D
Acq: 10 Mar 2022 08:50

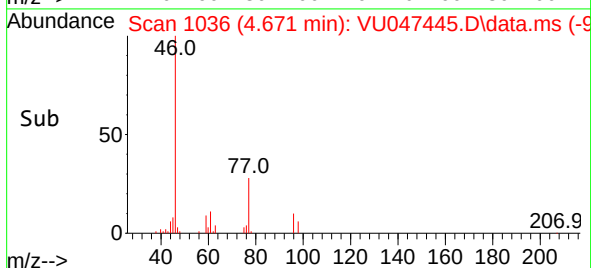
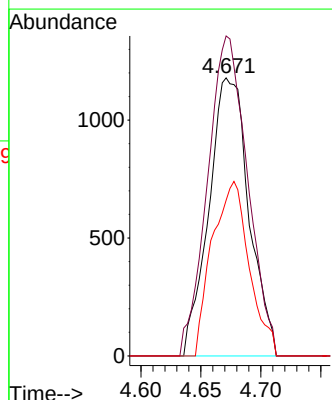
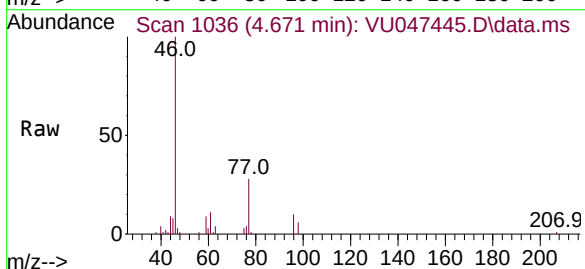
Instrument :
MSVOA_U
ClientSampleId :

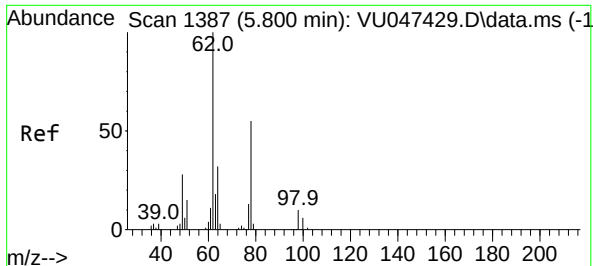
Tgt Ion:101 Resp: 549
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#22
cis-1,2-Dichloroethene
Concen: 0.261 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047445.D
Acq: 10 Mar 2022 08:50

Tgt Ion: 96 Resp: 2741
Ion Ratio Lower Upper
96 100
61 115.1 80.8 150.0
98 56.0 44.7 83.1





#27

1,2-Dichloroethane

Concen: 7.633 ug/L

RT: 5.796 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047445.D

Acq: 10 Mar 2022 08:50

Instrument :

MSVOA_U

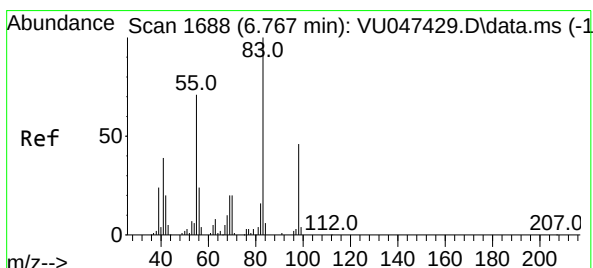
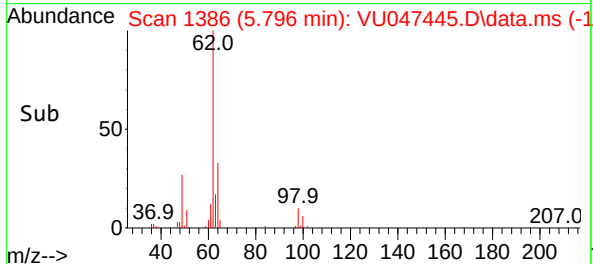
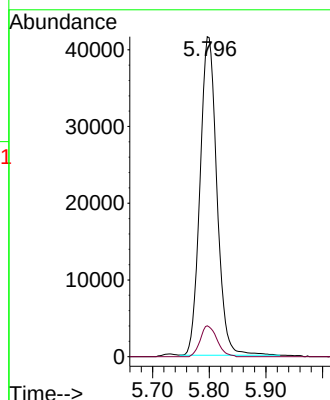
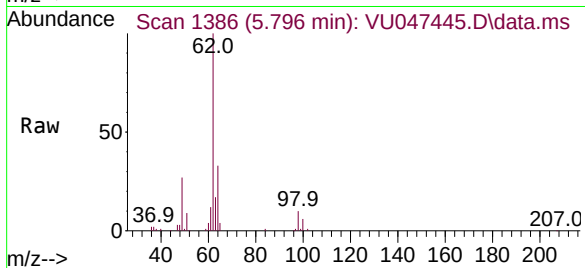
ClientSampleId :

Tgt Ion: 62 Resp: 85916

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8



#35

Methylcyclohexane

Concen: 0.586 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU047445.D

Acq: 10 Mar 2022 08:50

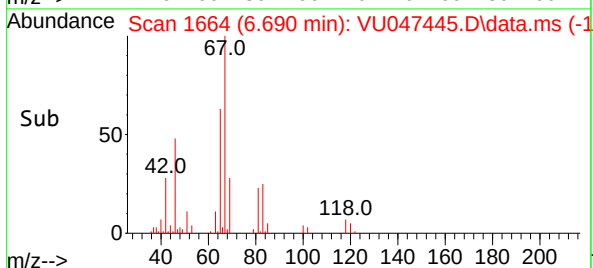
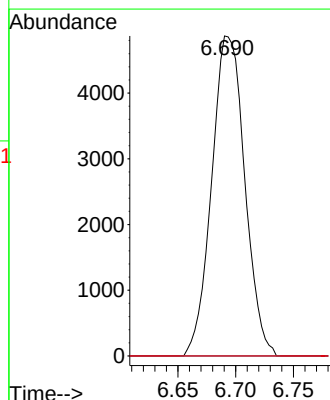
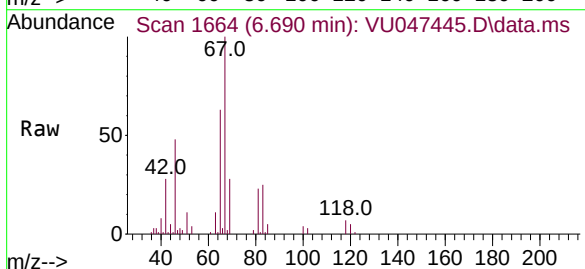
Tgt Ion: 83 Resp: 9714

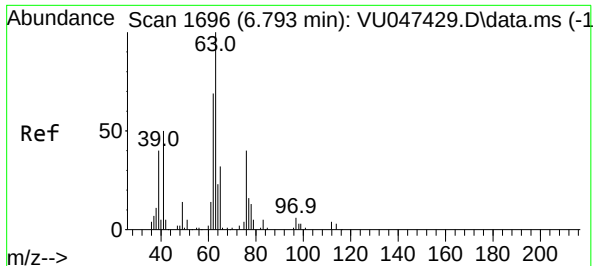
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 0.0 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.428 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047445.D

Acq: 10 Mar 2022 08:50

Instrument :

MSVOA_U

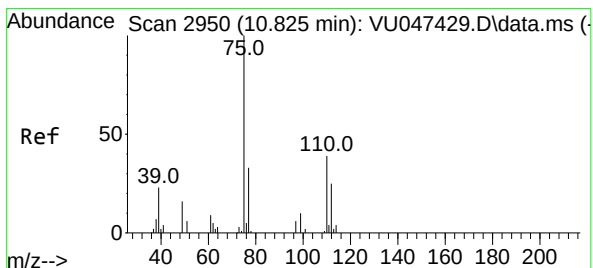
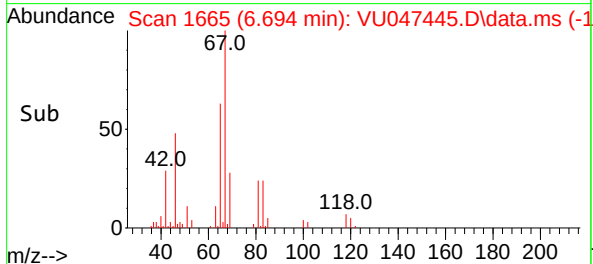
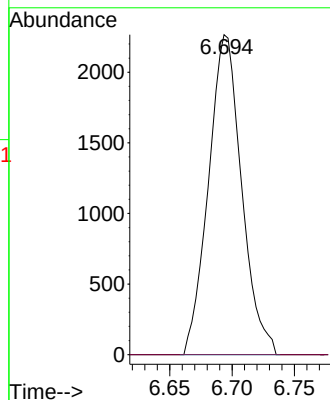
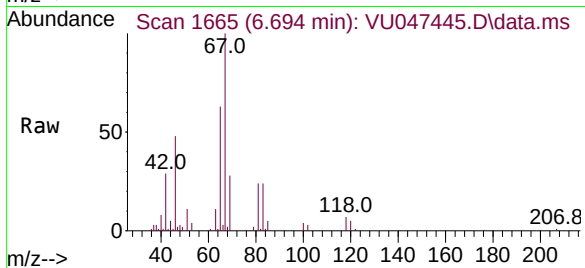
ClientSampleId :

Tgt Ion: 63 Resp: 4189

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047445.D

Acq: 10 Mar 2022 08:50

Tgt Ion: 75 Resp: 8185

Ion Ratio Lower Upper

75 100

110 1.5 31.0 46.4#

77 32.3 26.2 39.4

