

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047441.D
 Acq On : 10 Mar 2022 07:16
 Operator : SY/MD
 Sample : N1857-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNJ3

Quant Time: Mar 10 07:49:33 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)

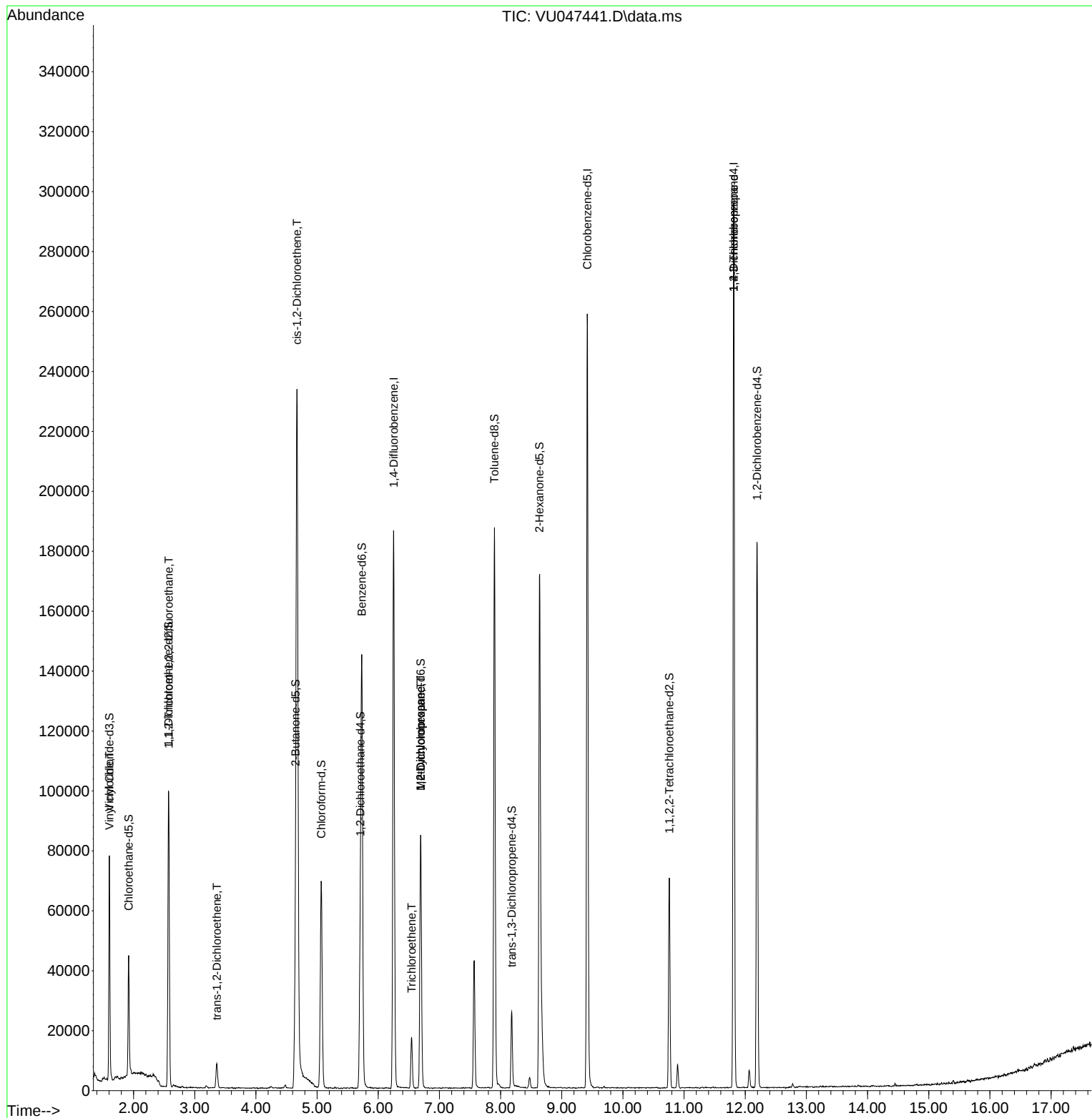
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	160359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	153223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	82644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39970	4.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	30829	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.571	65	18032	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.649	46	67525	43.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.220%
24) Chloroform-d	5.070	84	64911	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.706	65	34919	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.732	84	140172	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	41643	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.899	98	130341	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.182	79	15100	4.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.636	63	75166	47.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34999	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	51518	4.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	16184	1.372	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	513	0.053	ug/L #	17
18) trans-1,2-Dichloroethene	3.362	96	3753	0.372	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	119278	10.679	ug/L	98
34) Trichloroethene	6.546	95	5666	0.512	ug/L	98
35) Methylcyclohexane	6.694	83	9624	0.552	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4238	0.411	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8697	1.136	ug/L #	66

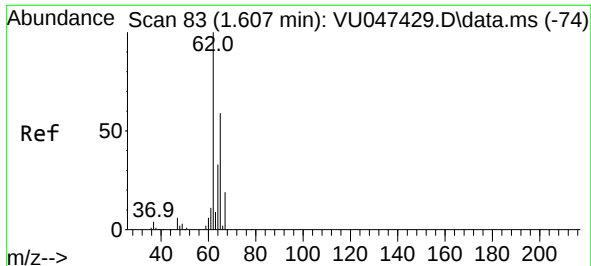
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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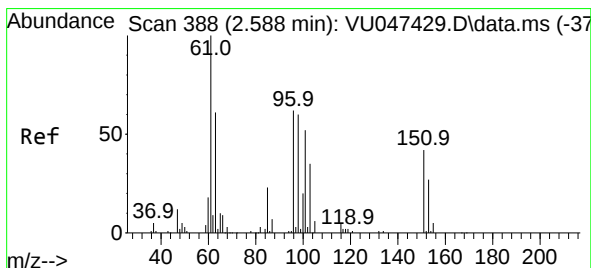
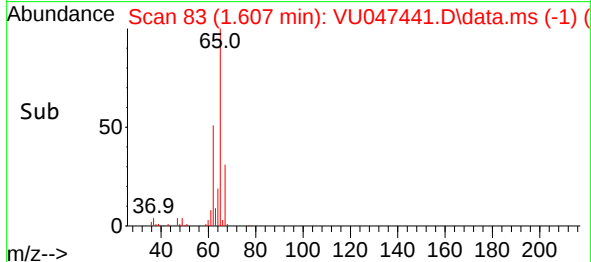
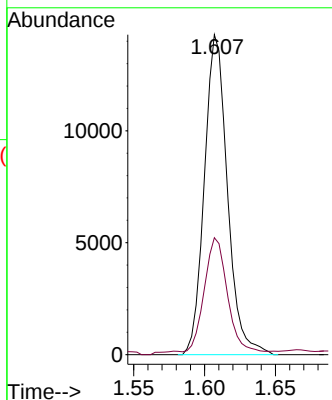
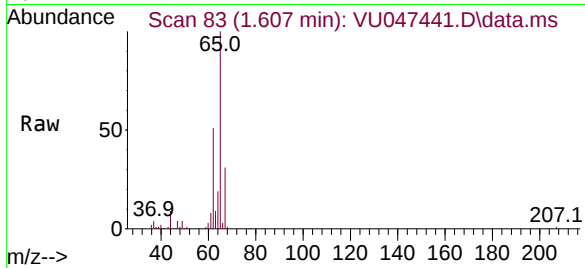




#5
 Vinyl chloride
 Concen: 1.372 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047441.D
 Acq: 10 Mar 2022 07:16

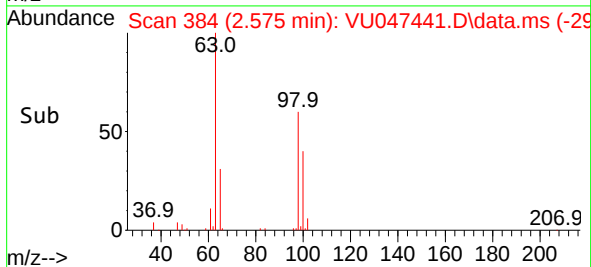
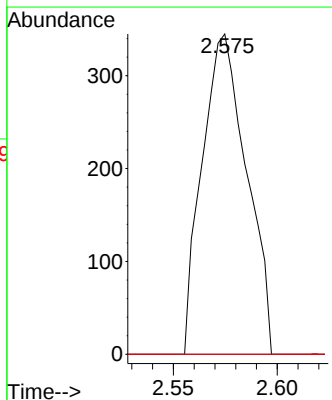
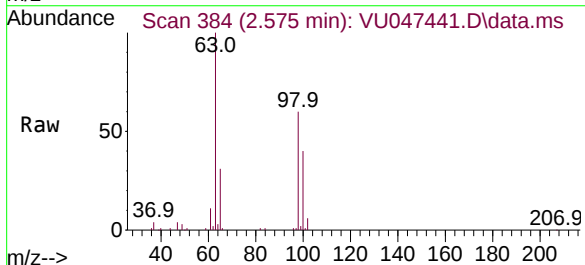
Instrument :
 MSVOA_U
 ClientSampleId :
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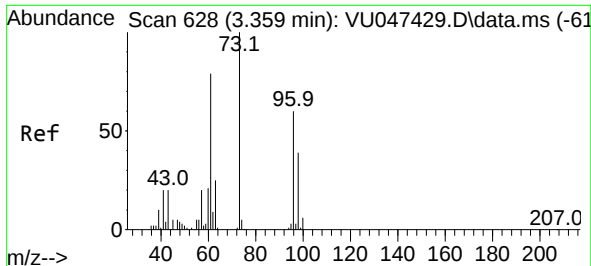
Tgt Ion: 62 Resp: 16184
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.053 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047441.D
 Acq: 10 Mar 2022 07:16

Tgt Ion: 101 Resp: 513
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#

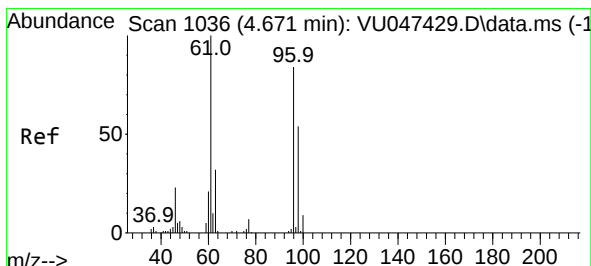
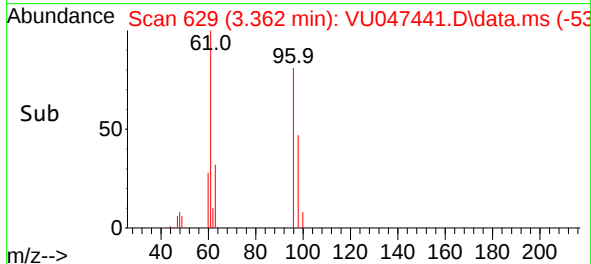
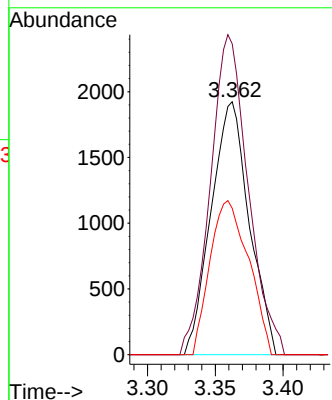
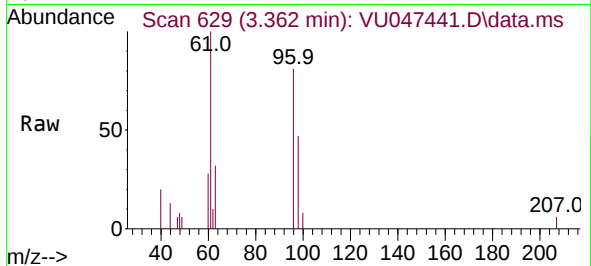




#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047441.D
Acq: 10 Mar 2022 07:16

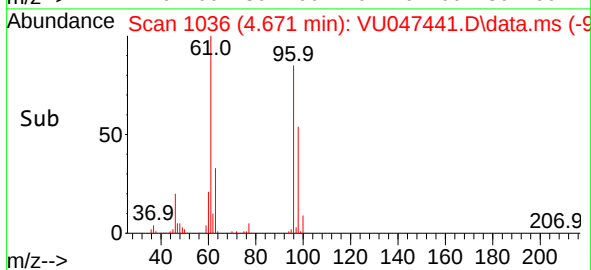
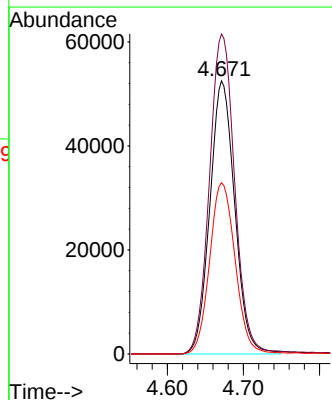
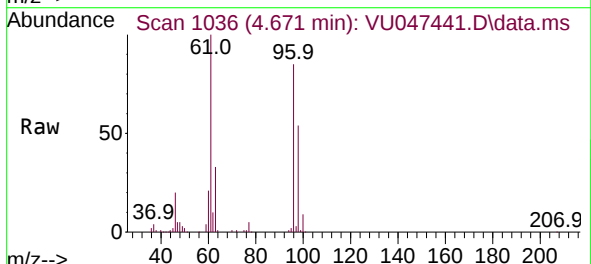
Instrument :
MSVOA_U
ClientSampleId :
ETNJ3

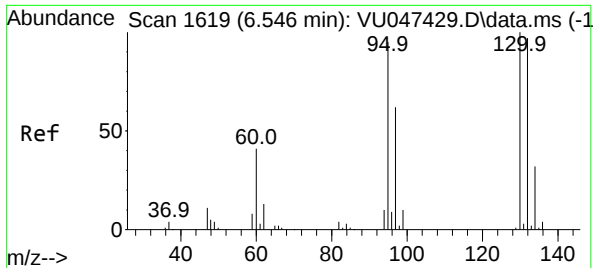
Tgt Ion: 96 Resp: 3753
Ion Ratio Lower Upper
96 100
61 122.9 90.4 167.8
98 57.8 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 10.679 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047441.D
Acq: 10 Mar 2022 07:16

Tgt Ion: 96 Resp: 119278
Ion Ratio Lower Upper
96 100
61 117.2 80.8 150.0
98 62.7 44.7 83.1

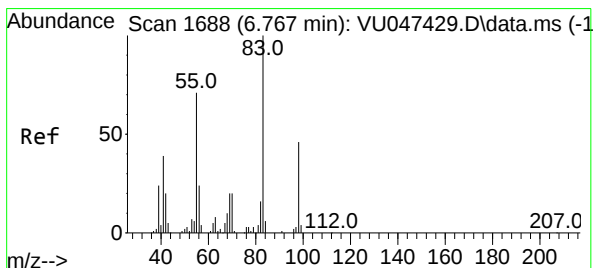
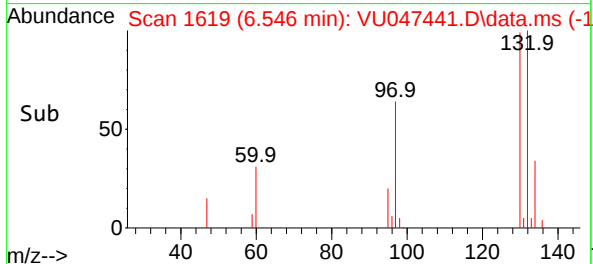
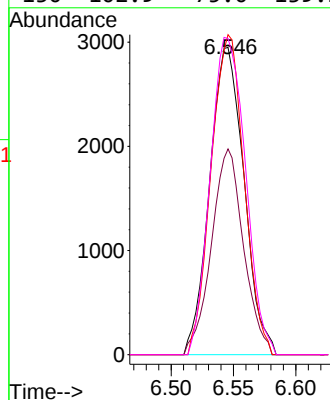
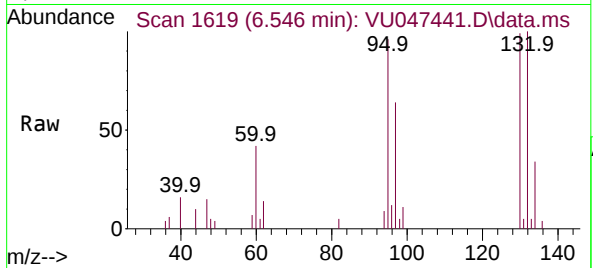




#34
Trichloroethene
Concen: 0.512 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047441.D
Acq: 10 Mar 2022 07:16

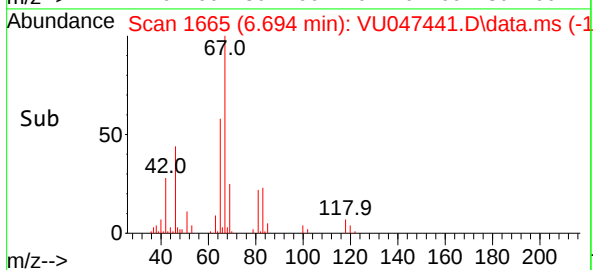
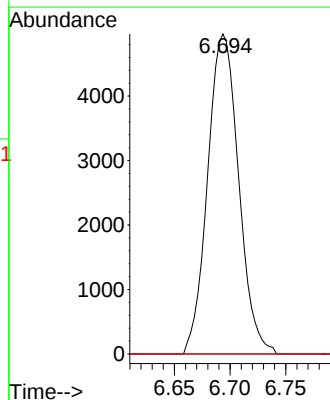
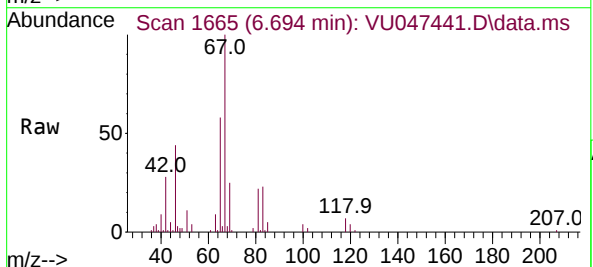
Instrument :
MSVOA_U
ClientSampleId :
ETNJ3

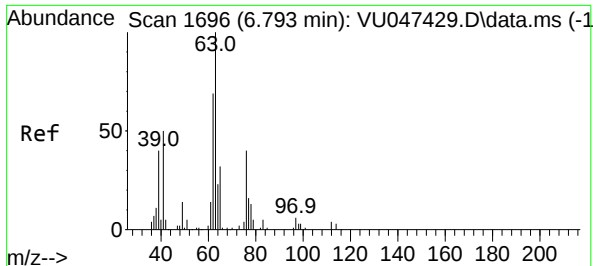
Tgt Ion: 95 Resp: 5666
Ion Ratio Lower Upper
95 100
97 67.0 46.3 85.9
132 104.2 71.7 133.1
130 102.9 75.0 139.2



#35
Methylcyclohexane
Concen: 0.552 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047441.D
Acq: 10 Mar 2022 07:16

Tgt Ion: 83 Resp: 9624
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.2 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.411 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047441.D

Acq: 10 Mar 2022 07:16

Instrument :

MSVOA_U

ClientSampleId :

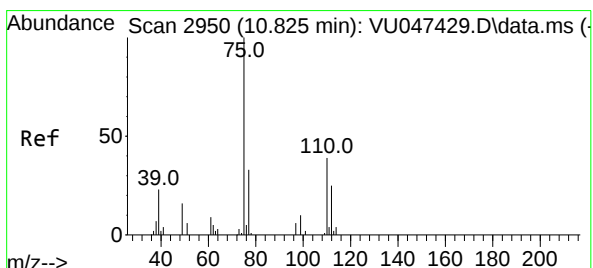
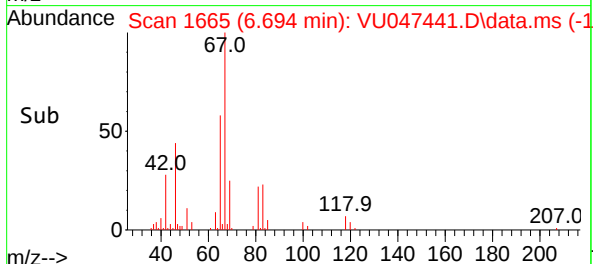
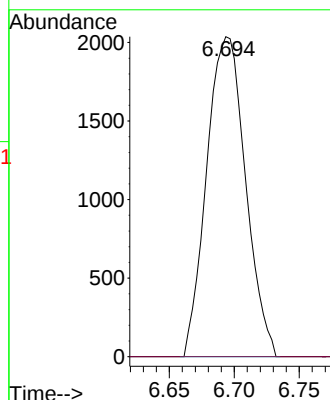
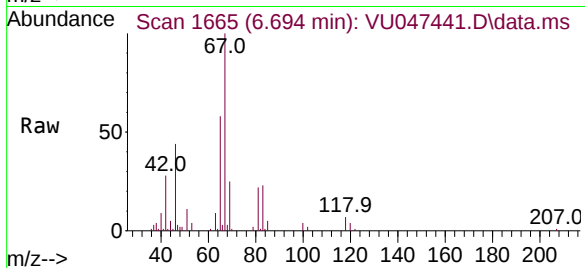
ETNJ3

Tgt Ion: 63 Resp: 4238

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047441.D

Acq: 10 Mar 2022 07:16

Tgt Ion: 75 Resp: 8697

Ion Ratio Lower Upper

75 100

110 1.0 31.0 46.4#

77 31.8 26.2 39.4

