

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047549.D
 Acq On : 14 Mar 2022 20:52
 Operator : SY/MD
 Sample : N1906-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM3DL

Quant Time: Mar 15 06:16:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

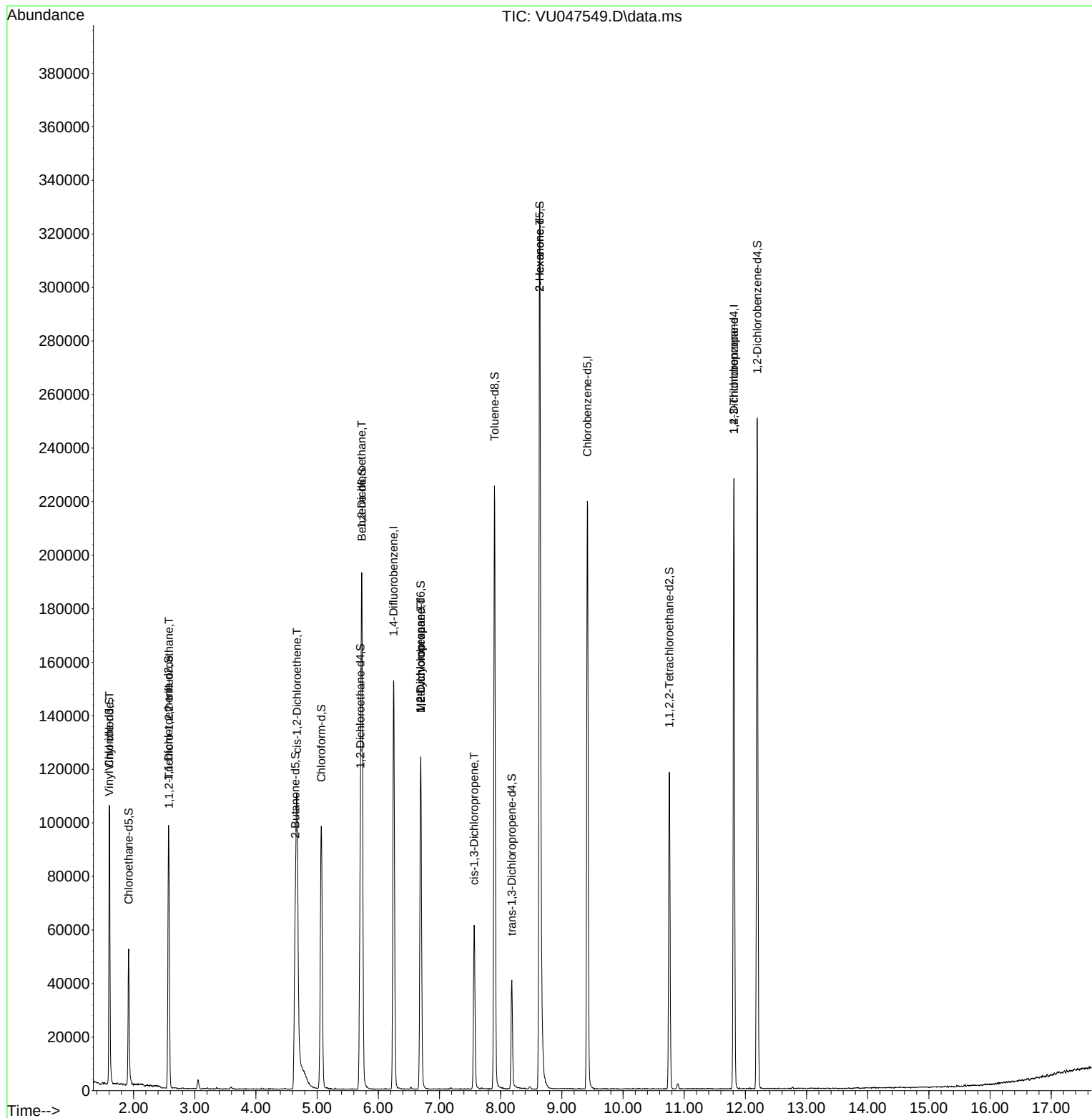
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	132817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40261	4.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.919	69	38902	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.571	65	18114	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.645	46	147485	59.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.020%
24) Chloroform-d	5.070	84	94207	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.706	65	52530	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.732	84	183039	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.694	67	60256	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	155123	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.182	79	23330	4.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.639	63	134313	52.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58946	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	70416	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	39711	4.805	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	483	0.071	ug/L #	18
22) cis-1,2-Dichloroethene	4.671	96	39812	5.045	ug/L	98
27) 1,2-Dichloroethane	5.729	62	870	0.099	ug/L #	74
35) Methylcyclohexane	6.694	83	14066	1.266	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6302	0.844	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1485	0.128	ug/L #	64
48) 2-Hexanone	8.639	43	17727	4.477	ug/L #	64
61) 1,2,3-Trichloropropane	11.812	75	6794	1.264	ug/L #	68

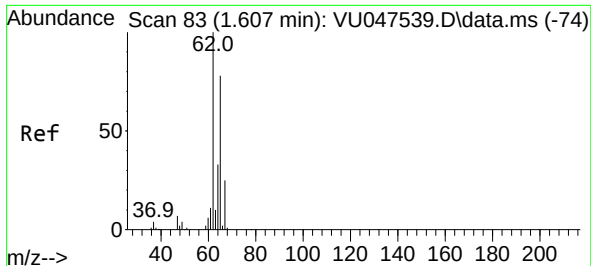
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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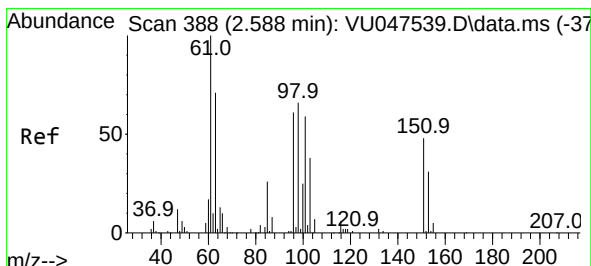
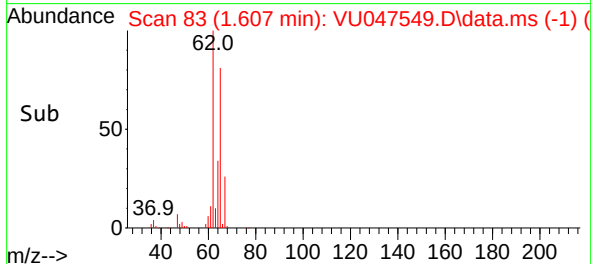
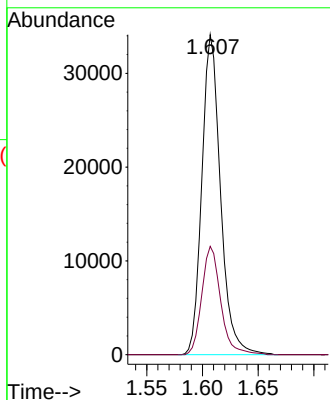
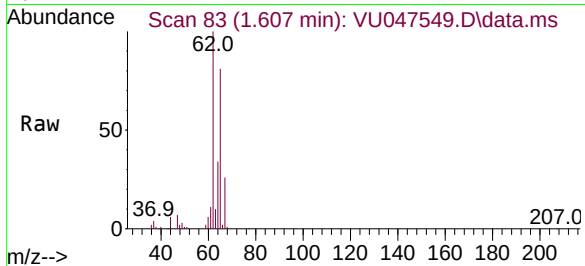




#5
 Vinyl chloride
 Concen: 4.805 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047549.D
 Acq: 14 Mar 2022 20:52

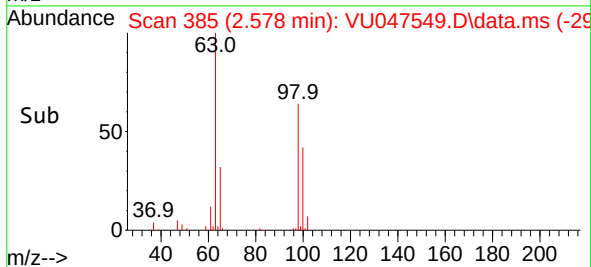
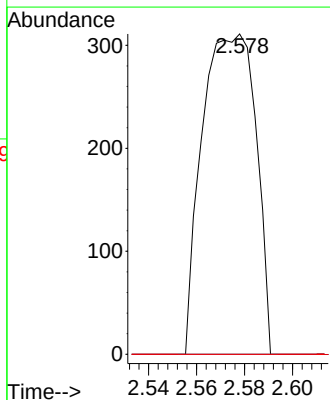
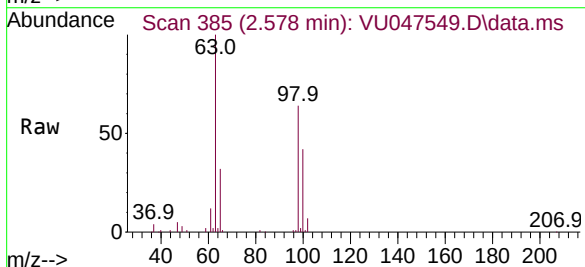
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNM3DL

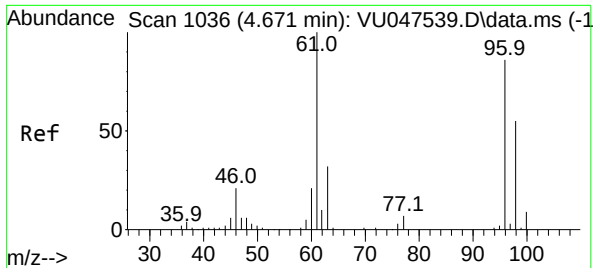
Tgt Ion: 62 Resp: 39711
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.5 43.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.071 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047549.D
 Acq: 14 Mar 2022 20:52

Tgt Ion: 101 Resp: 483
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 63.8 95.6#





#22

cis-1,2-Dichloroethene

Concen: 5.045 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047549.D

Acq: 14 Mar 2022 20:52

Instrument :

MSVOA_U

ClientSampleId :

ETNM3DL

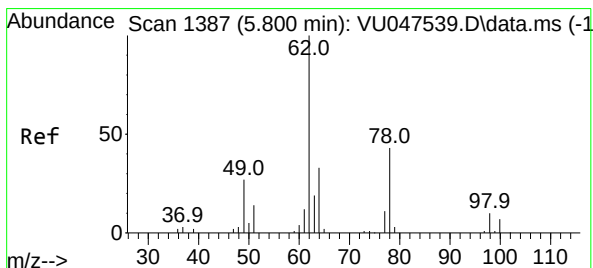
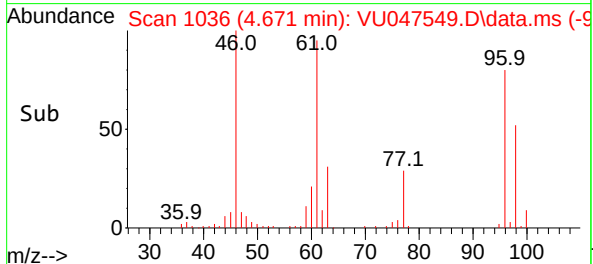
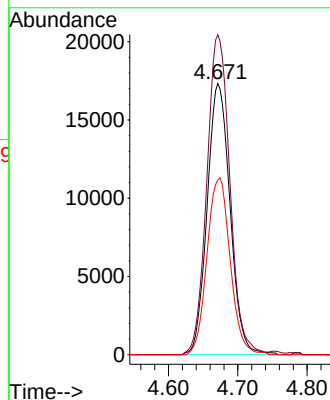
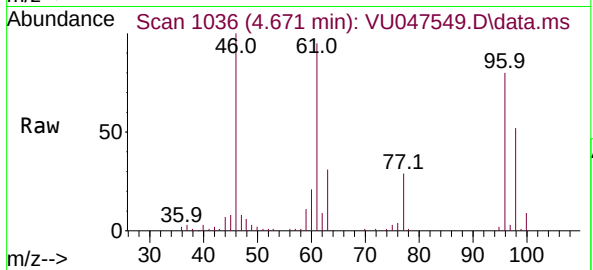
Tgt Ion: 96 Resp: 39812

Ion Ratio Lower Upper

96 100

61 118.0 83.9 155.7

98 64.5 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU047549.D

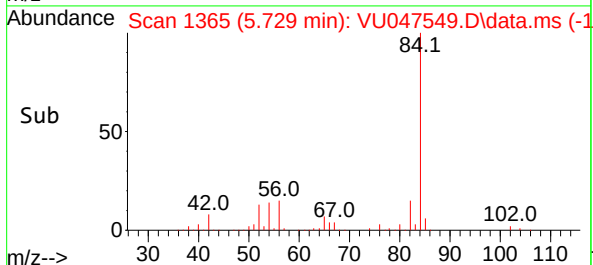
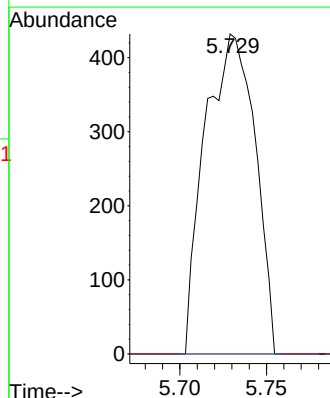
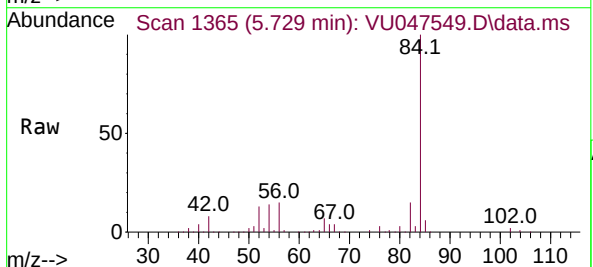
Acq: 14 Mar 2022 20:52

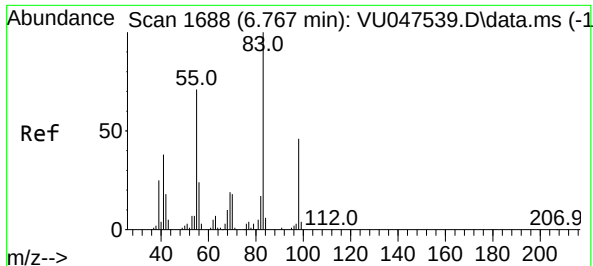
Tgt Ion: 62 Resp: 870

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#





#35

Methylcyclohexane

Concen: 1.266 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047549.D

Acq: 14 Mar 2022 20:52

Instrument :

MSVOA_U

ClientSampleId :

ETNM3DL

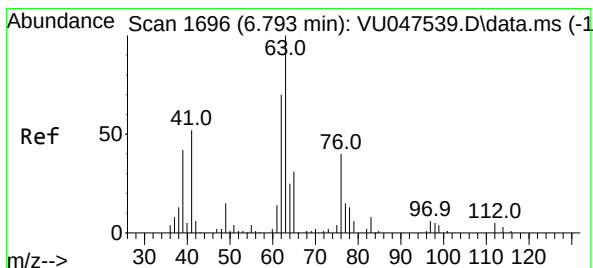
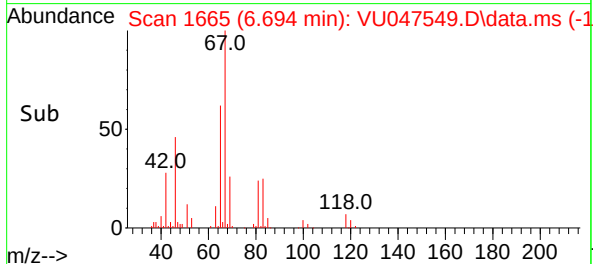
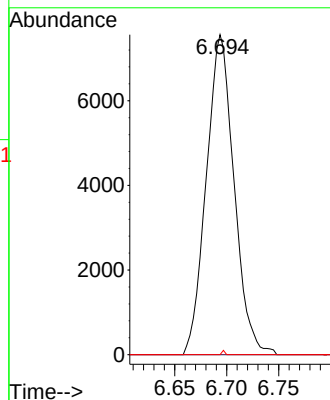
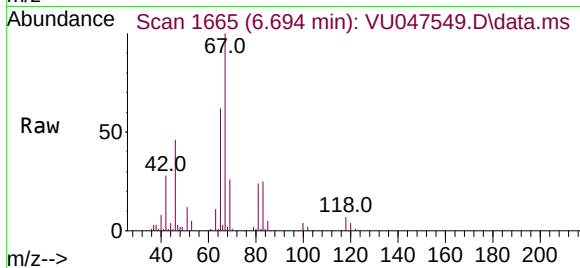
Tgt Ion: 83 Resp: 14066

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.1 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.844 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047549.D

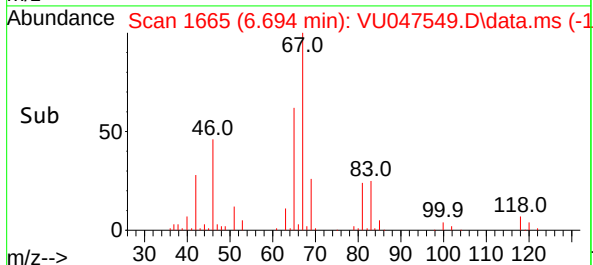
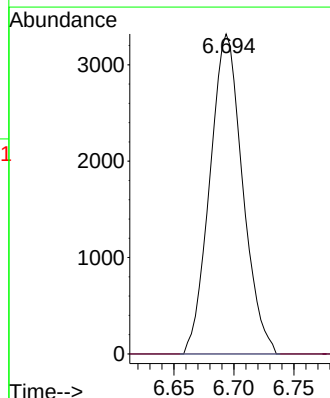
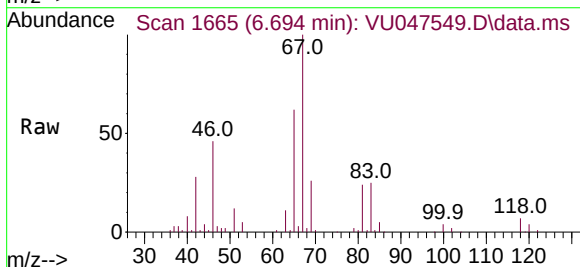
Acq: 14 Mar 2022 20:52

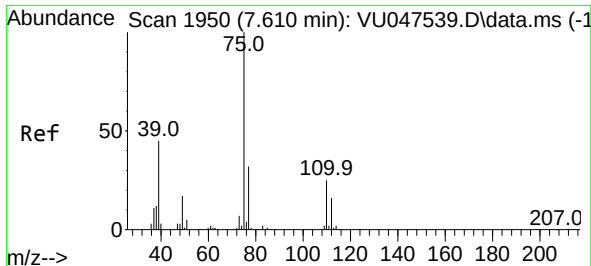
Tgt Ion: 63 Resp: 6302

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047549.D

Acq: 14 Mar 2022 20:52

Instrument :

MSVOA_U

ClientSampleId :

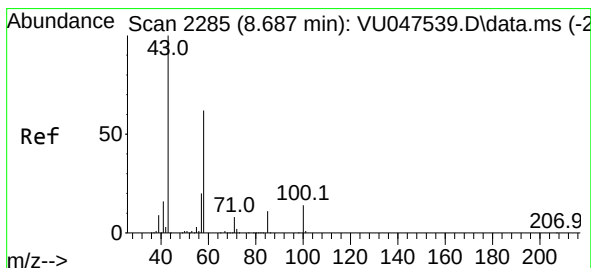
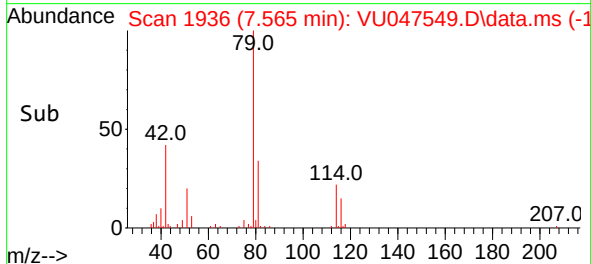
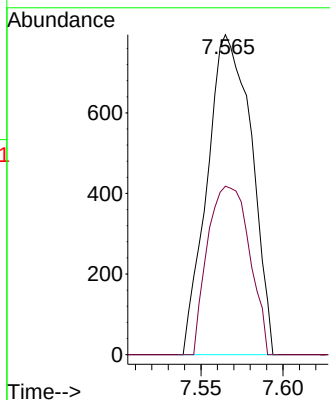
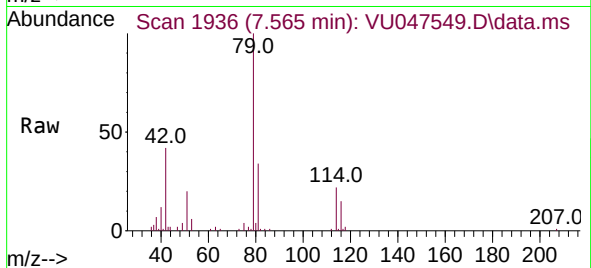
ETNM3DL

Tgt Ion: 75 Resp: 1485

Ion Ratio Lower Upper

75 100

77 52.6 22.6 42.0#



#48

2-Hexanone

Concen: 4.477 ug/L

RT: 8.639 min Scan# 2270

Delta R.T. -0.048 min

Lab File: VU047549.D

Acq: 14 Mar 2022 20:52

Tgt Ion: 43 Resp: 17727

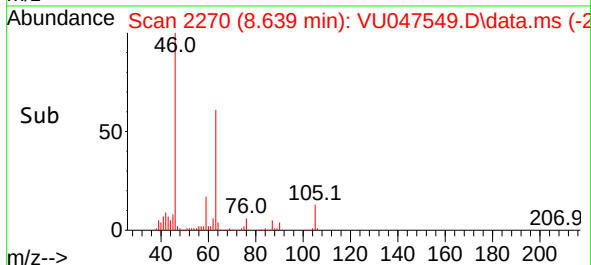
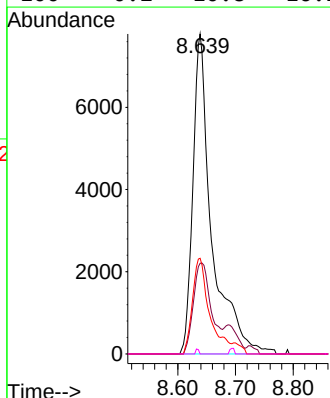
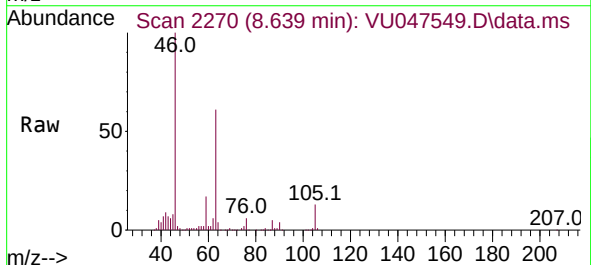
Ion Ratio Lower Upper

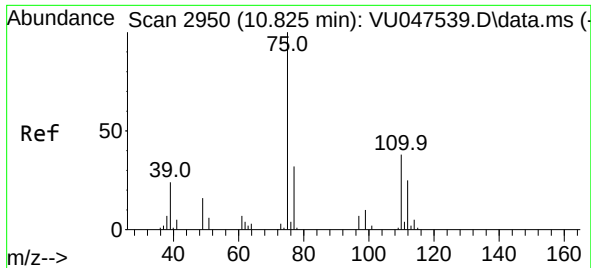
43 100

58 27.1 47.5 71.3#

57 27.0 16.0 24.0#

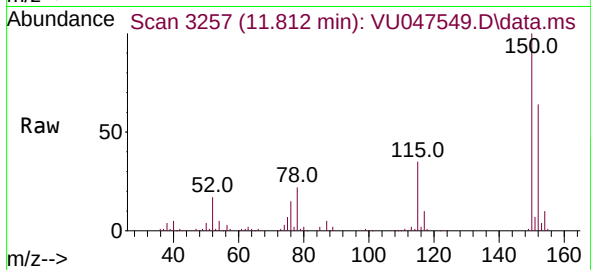
100 0.2 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.264 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047549.D
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Tgt Ion: 75 Resp: 6794
Ion Ratio Lower Upper
75 100
110 1.4 30.2 45.4#
77 32.9 26.6 39.8

