

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
 Data File : VU048315.D
 Acq On : 27 Apr 2022 15:26
 Operator : SY/MD
 Sample : N2587-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXES9

Quant Time: Apr 28 04:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

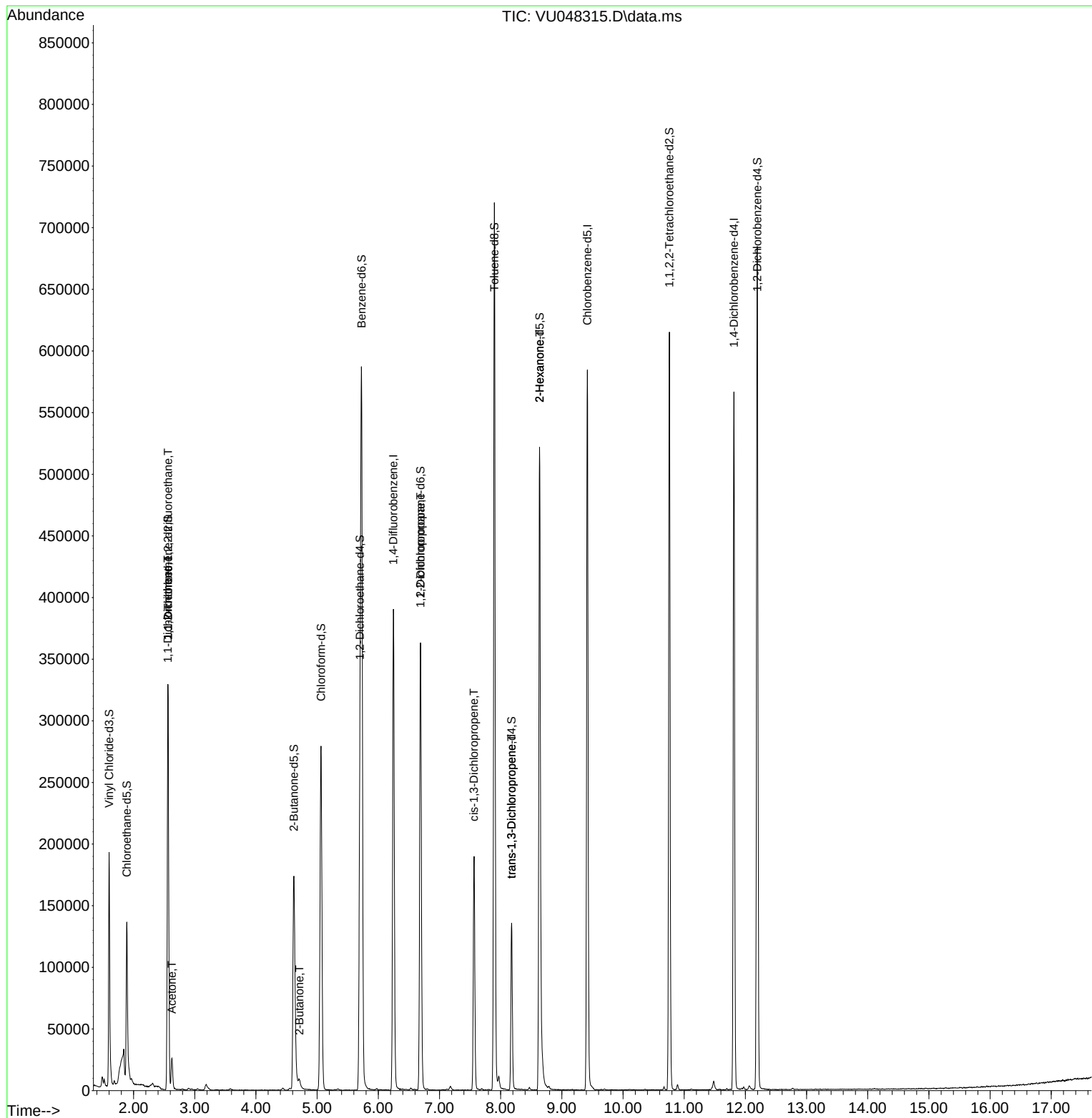
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	334086	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	149276	48.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.180%
7) Chloroethane-d5	1.890	69	117379	54.431	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.860%
11) 1,1-Dichloroethene-d2	2.562	63	189322	38.461	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.920%
21) 2-Butanone-d5	4.620	46	255932	97.674	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.670%
24) Chloroform-d	5.063	84	264628	47.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
26) 1,2-Dichloroethane-d4	5.700	65	170272	51.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.000%
32) Benzene-d6	5.726	84	561168	51.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
36) 1,2-Dichloropropane-d6	6.690	67	179466	49.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.896	98	490727	49.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	8.179	79	76131	47.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.280%
47) 2-Hexanone-d5	8.636	63	180695	92.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	302930	47.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	195653	53.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.500%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2003	0.796	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1623	0.739	ug/L #	1
13) Acetone	2.626	43	28470	16.925	ug/L	98
22) 2-Butanone	4.710	43	10812	4.347	ug/L	98
37) 1,2-Dichloropropane	6.687	63	18259	6.241	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	4566	1.110	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	3305	0.822	ug/L #	83
48) 2-Hexanone	8.636	43	22374	6.072	ug/L #	71

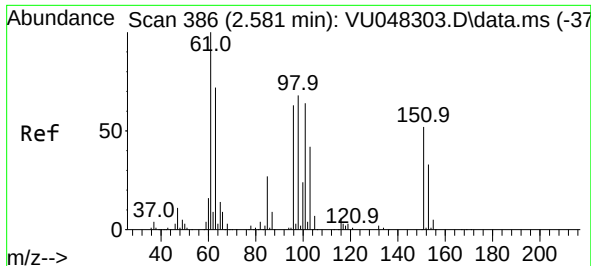
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 28 04:33:44 2022
Response via : Initial Calibration





#10

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

Concen: 0.796 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.019 min

Lab File: VU048315.D

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Instrument :

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ClientSampleId :

EXES9

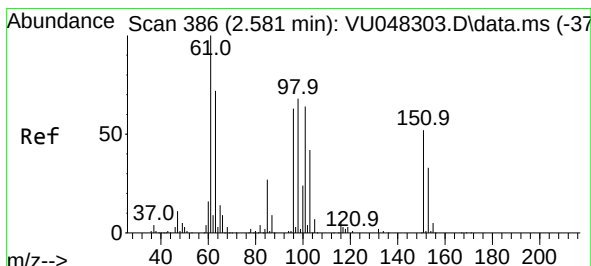
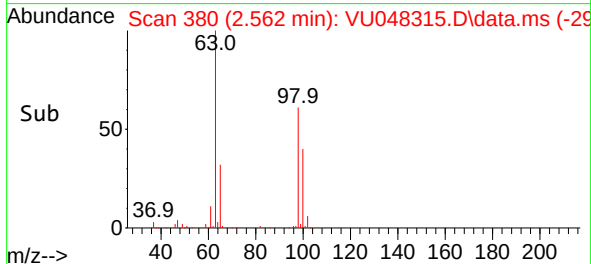
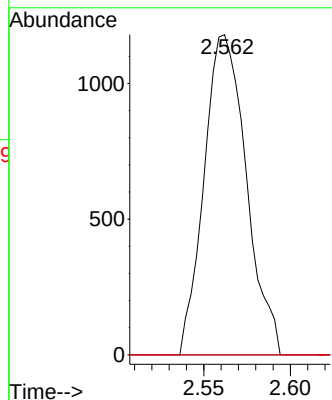
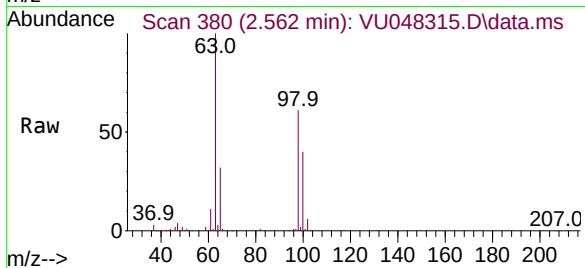
Tgt Ion:101 Resp: 2003

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.739 ug/L

RT: 2.559 min Scan# 379

Delta R.T. -0.022 min

Lab File: VU048315.D

Acq: 27 Apr 2022 15:26

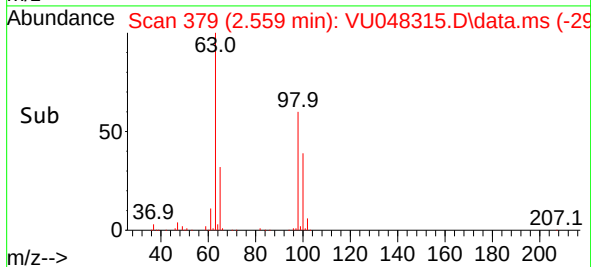
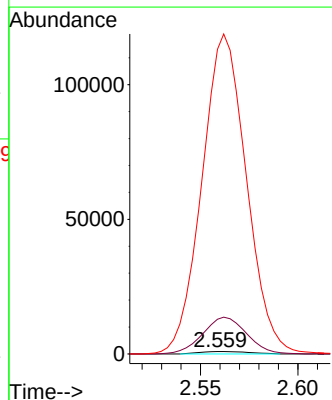
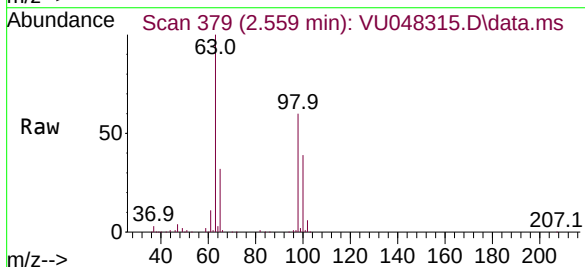
Tgt Ion: 96 Resp: 1623

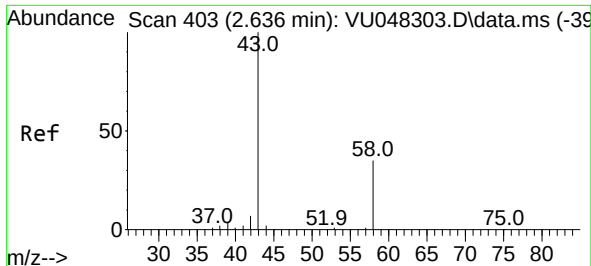
Ion Ratio Lower Upper

96 100

61 1419.5 107.9 200.3#

63 12476.3 80.3 149.1#





#13

Acetone

Concen: 16.925 ug/L

RT: 2.626 min Scan# 403

Delta R.T. -0.009 min

Lab File: VU048315.D

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Instrument :

MSVOA_U

ClientSampleId :

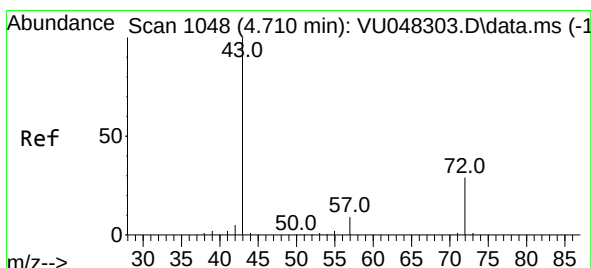
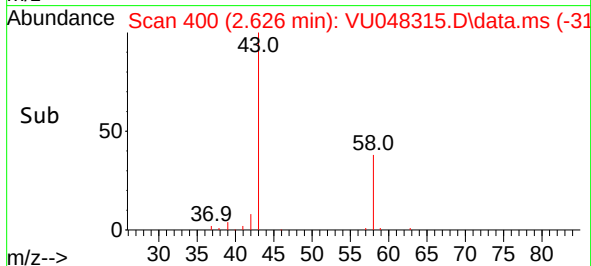
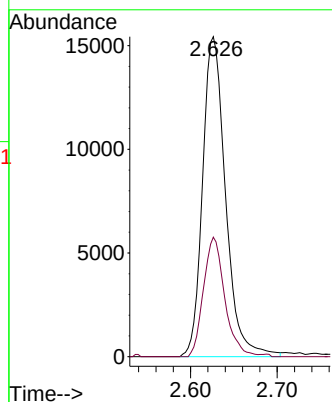
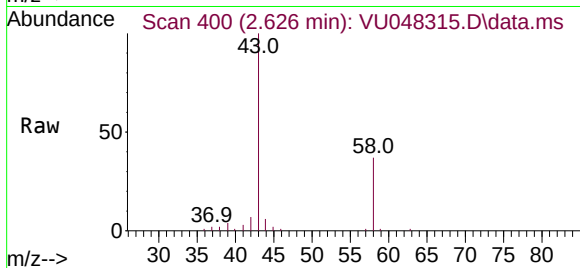
EXES9

Tgt Ion: 43 Resp: 28470

Ion Ratio Lower Upper

43 100

58 34.5 0.0 71.2



#22

2-Butanone

Concen: 4.347 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU048315.D

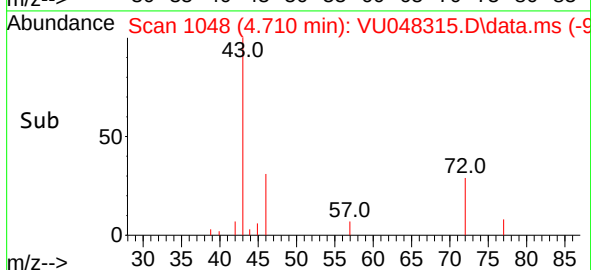
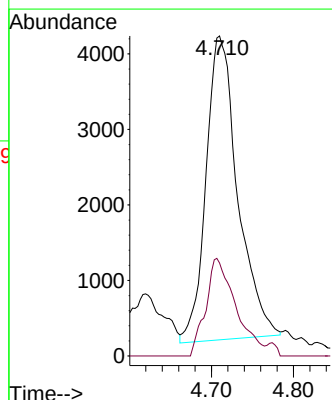
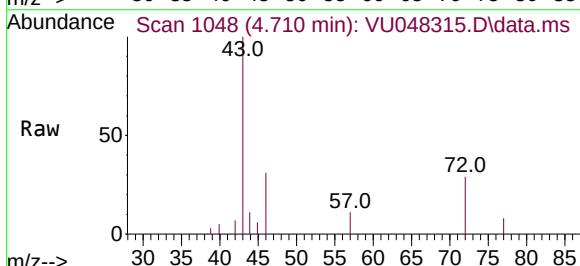
Acq: 27 Apr 2022 15:26

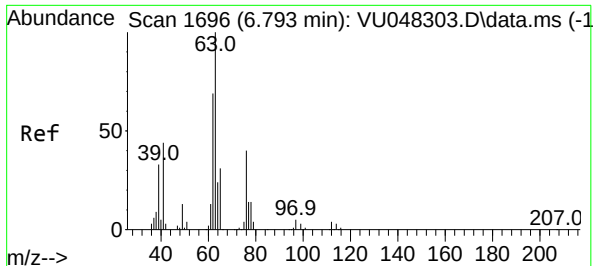
Tgt Ion: 43 Resp: 10812

Ion Ratio Lower Upper

43 100

72 30.4 14.6 43.8





#37

1,2-Dichloropropane

Concen: 6.241 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU048315.D

Acq: 27 Apr 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

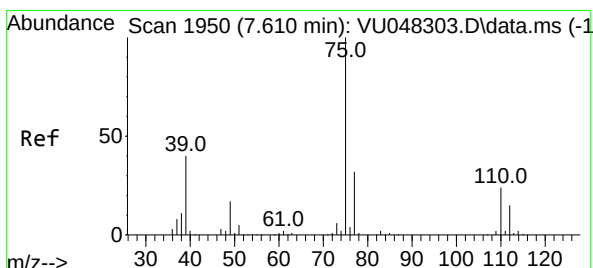
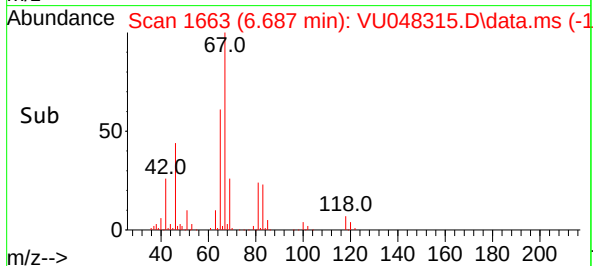
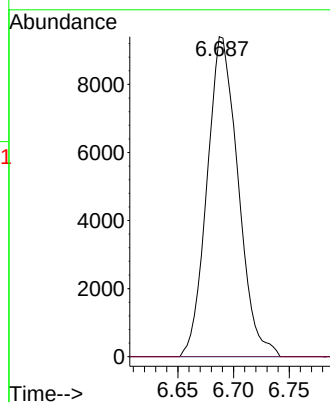
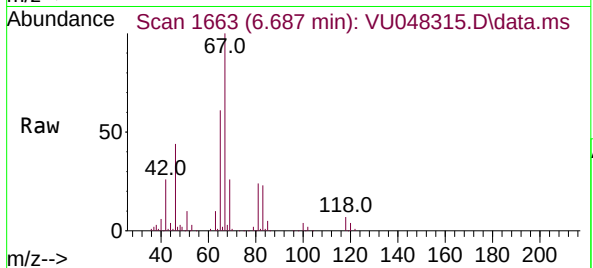
EXES9

Tgt Ion: 63 Resp: 18259

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 1.110 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU048315.D

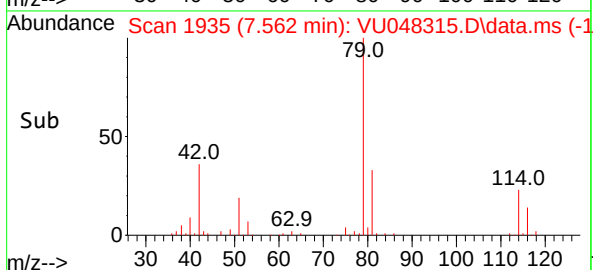
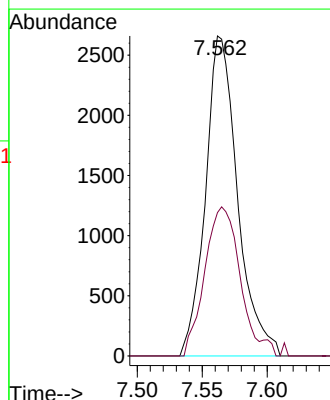
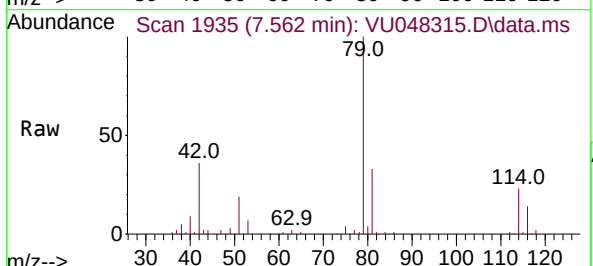
Acq: 27 Apr 2022 15:26

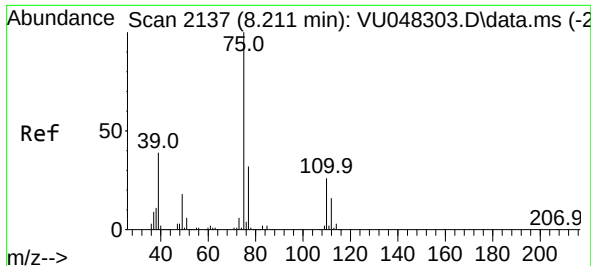
Tgt Ion: 75 Resp: 4566

Ion Ratio Lower Upper

75 100

77 42.4 22.0 41.0#

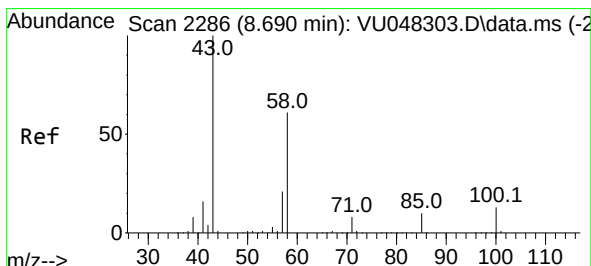
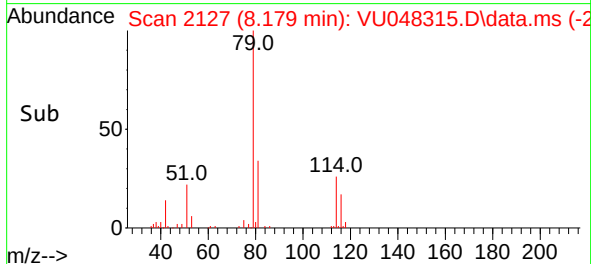
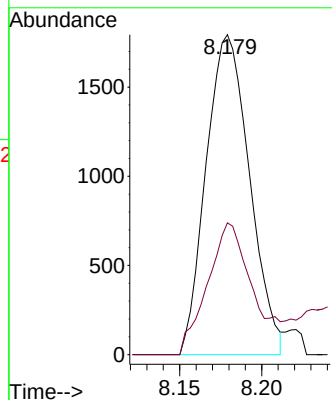
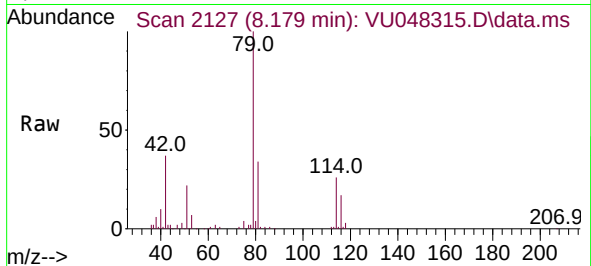




#44
trans-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048315.D
Acq: 27 Apr 2022 15:26

Instrument :
MSVOA_U
ClientSampleId :
EXES9

Tgt Ion: 75 Resp: 3305
Ion Ratio Lower Upper
75 100
77 41.2 22.1 41.1#



#48
2-Hexanone
Concen: 6.072 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.054 min
Lab File: VU048315.D
Acq: 27 Apr 2022 15:26

Tgt Ion: 43 Resp: 22374
Ion Ratio Lower Upper
43 100
58 37.9 48.1 72.1#
57 32.7 16.2 24.4#
100 1.0 10.3 15.5#

