

Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB898DL

Quant Time: May 16 04:28:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1114139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1074014	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	490654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372168	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.67	69	321266	40.58	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.16%
11) 1,1-Dichloroethene-d2	2.27	63	522223	29.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.60%#
21) 2-Butanone-d5	4.17	46	627530	91.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	686221	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.31	65	436991	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
32) Benzene-d6	5.34	84	1470279	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.32	67	484362	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.56	98	1329548	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
43) trans-1,3-Dichloropropene-	7.85	79	203743	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.04%
47) 2-Hexanone-d5	8.31	63	391170	94.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	677898	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	495944	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%

Target Compounds

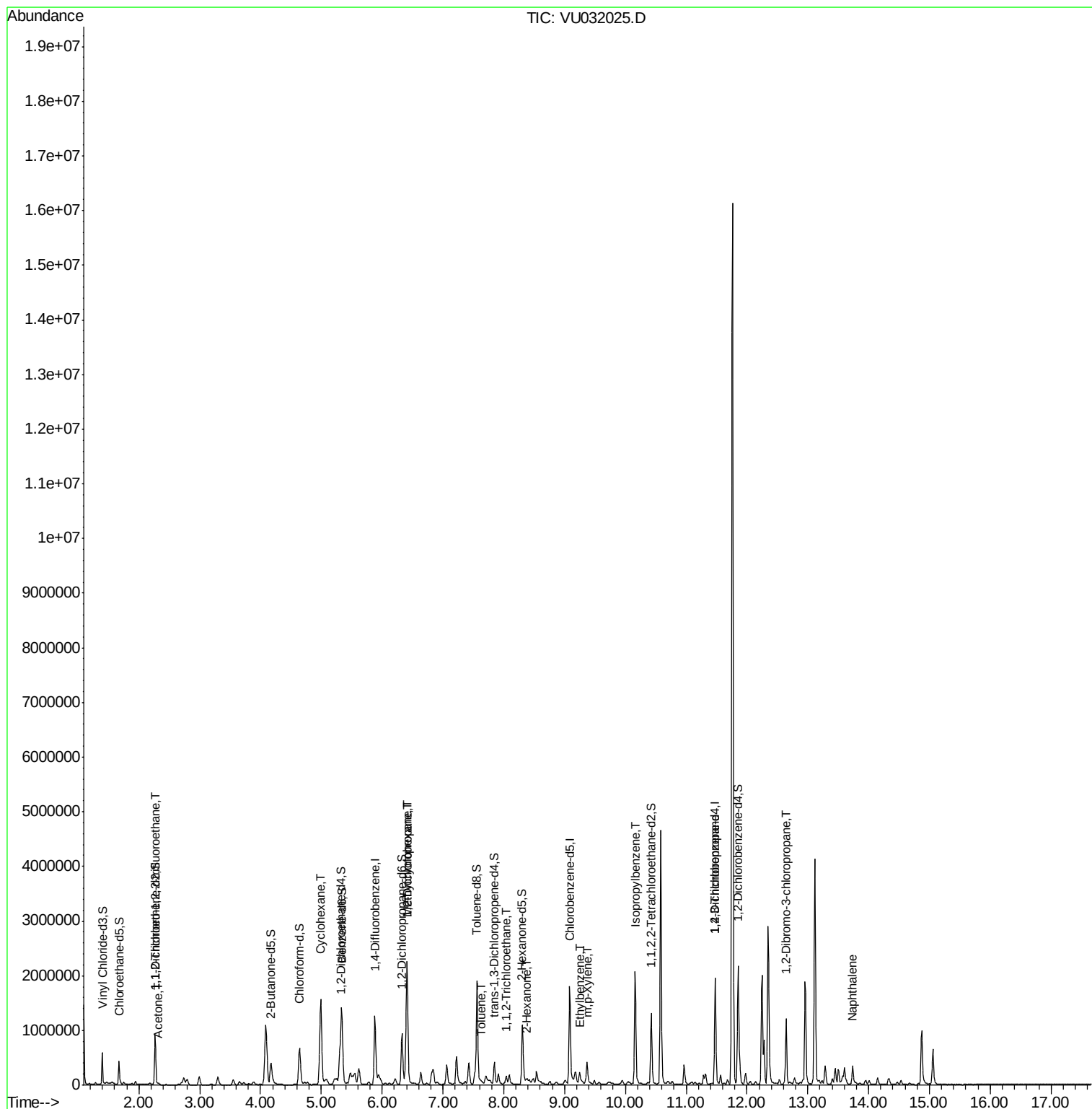
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4844	0.584	ug/L #	23
13) Acetone	2.32	43	28913	4.108	ug/L	94
29) Cyclohexane	4.99	56	875521	66.504	ug/L	100
35) Methylcyclohexane	6.41	83	940311	70.385	ug/L	94
37) 1,2-Dichloropropane	6.41	63	9269	0.981	ug/L #	90
42) Toluene	7.64	91	12875	0.357	ug/L	87
45) 1,1,2-Trichloroethane	8.04	97	55294	6.382	ug/L #	18
48) 2-Hexanone	8.37	43	26822	2.578	ug/L #	47
52) Ethylbenzene	9.25	91	155646	4.029	ug/L	98
53) m,p-Xylene	9.37	106	103185	7.319	ug/L	89
56) Isopropylbenzene	10.16	105	1368340	38.364	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	64107	5.201	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	4822	1.467	ug/L #	4
69) Naphthalene	13.74	128	280427	9.498	ug/L	98

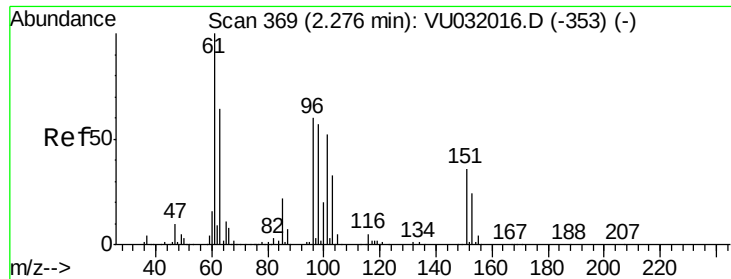
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032025.D
Acq On : 15 May 2019 12:36
Operator : JC/SP
Sample : K2738-13DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB898DL

Quant Time: May 16 04:28:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.584 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032025.D

Acq: 15 May 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

DB898DL

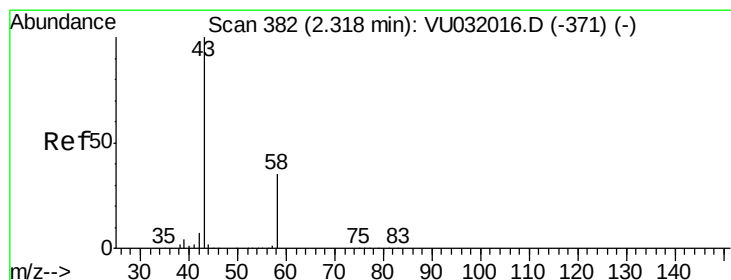
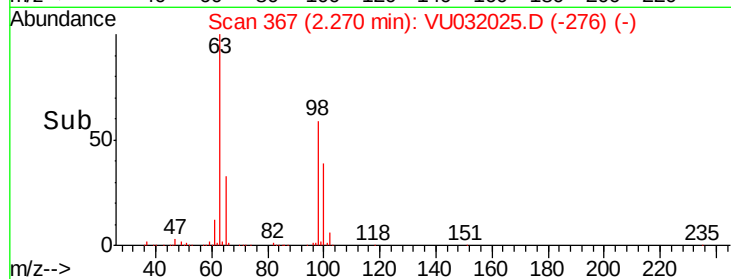
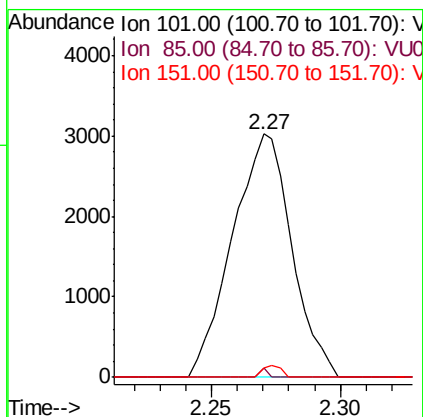
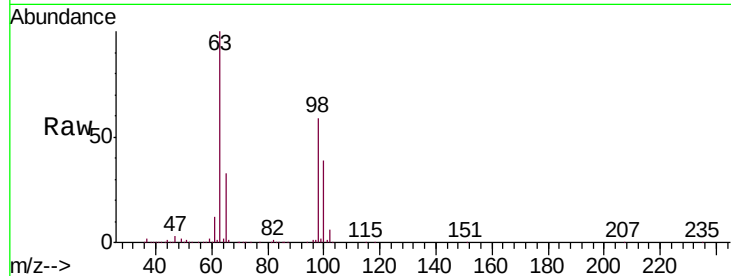
Tgt Ion:101 Resp: 4844

Ion Ratio Lower Upper

101 100

85 0.9 34.1 51.1#

151 1.5 55.8 83.8#



#13

Acetone

Concen: 4.108 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032025.D

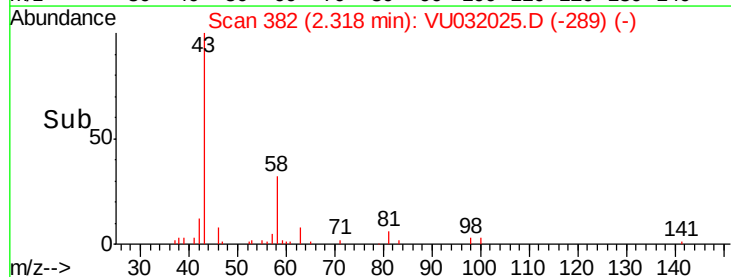
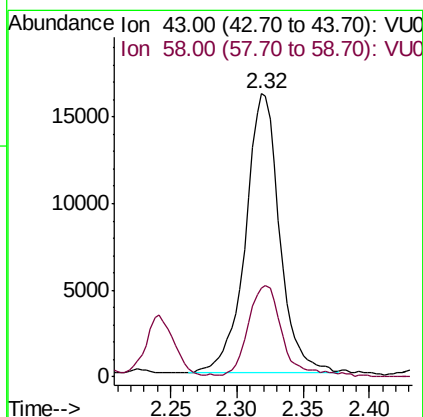
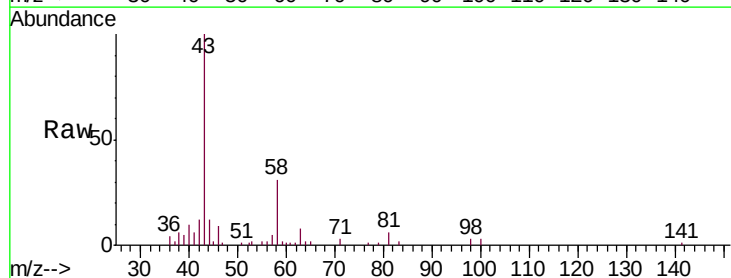
Acq: 15 May 2019 12:36

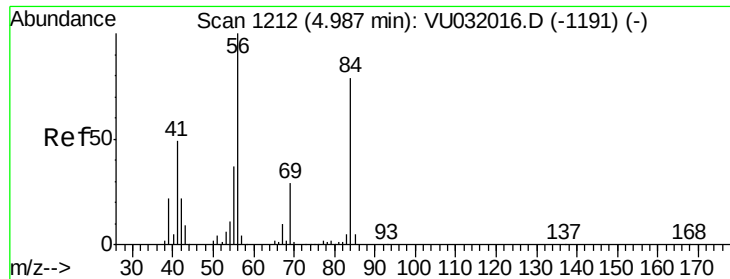
Tgt Ion: 43 Resp: 28913

Ion Ratio Lower Upper

43 100

58 30.4 0.0 68.2

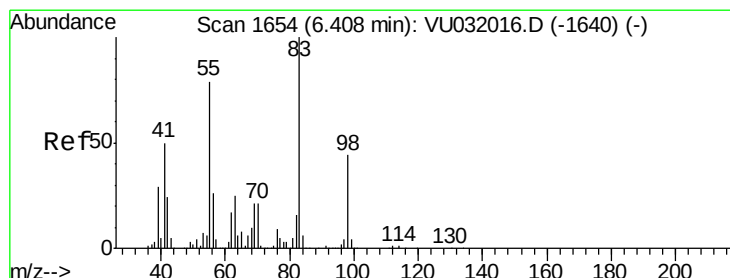
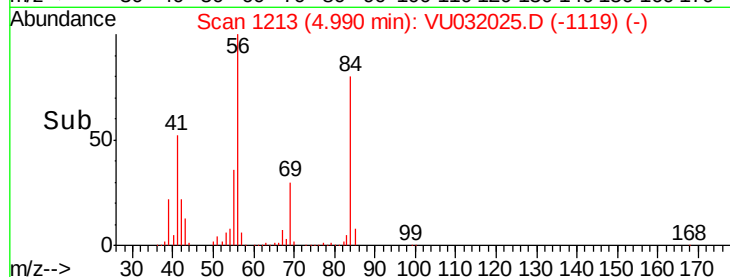
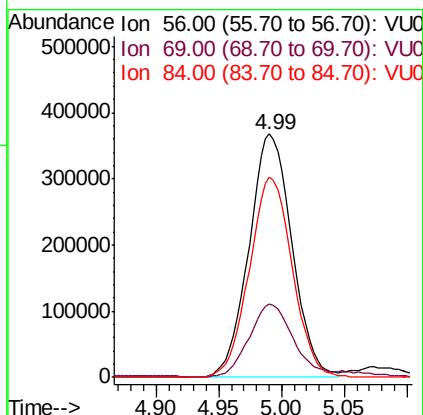
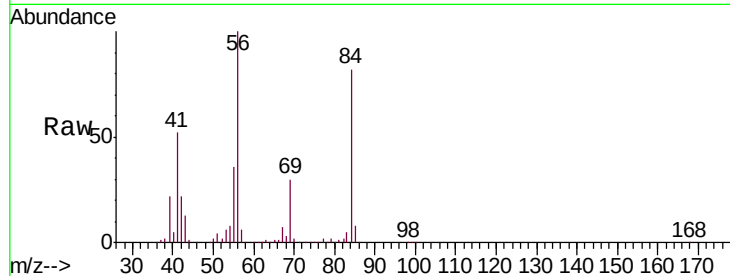




#29
Cyclohexane
Concen: 66.504 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU032025.D
Acq: 15 May 2019 12:36

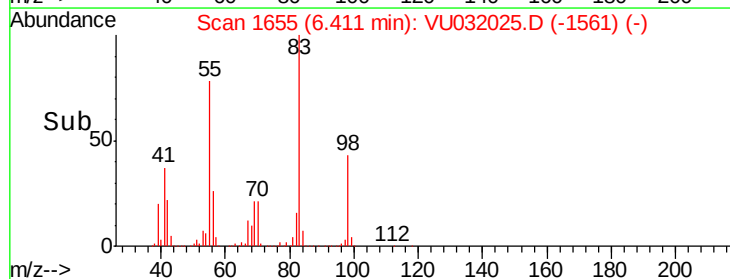
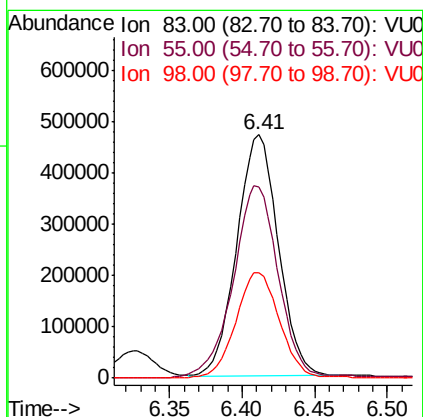
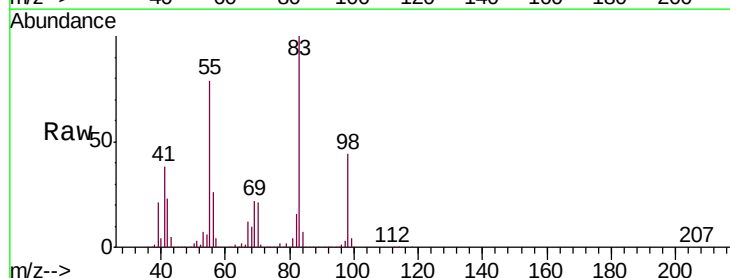
Instrument :
MSVOA_U
ClientSampleId :
DB898DL

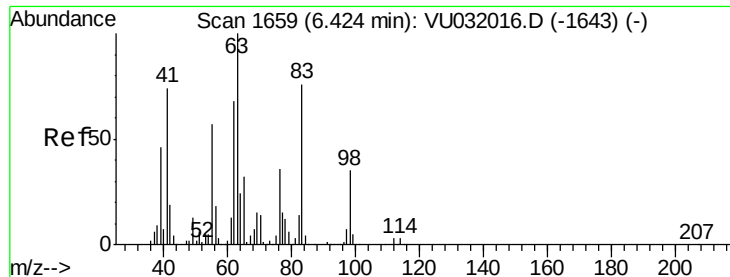
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	82.2	65.5	98.3



#35
Methylcyclohexane
Concen: 70.385 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU032025.D
Acq: 15 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.8	64.0	96.0
98	45.7	35.6	53.4

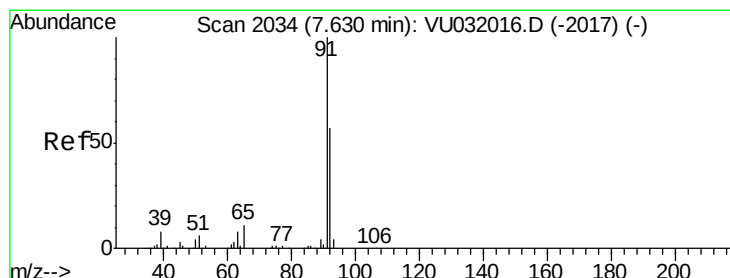
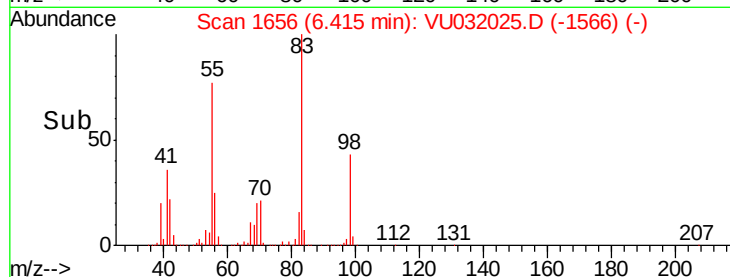
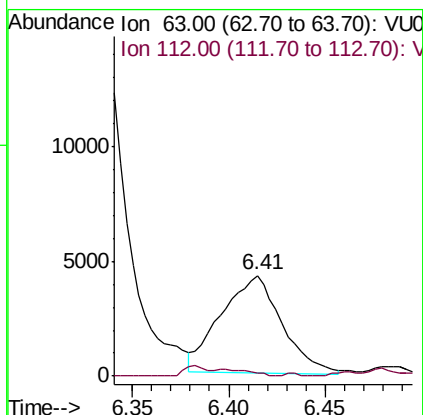
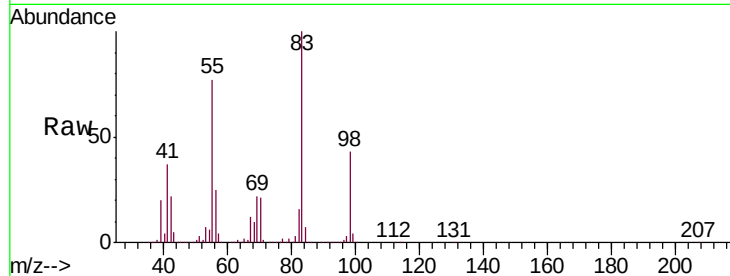




#37
 1,2-Dichloropropane
 Concen: 0.981 ug/L
 RT: 6.41 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

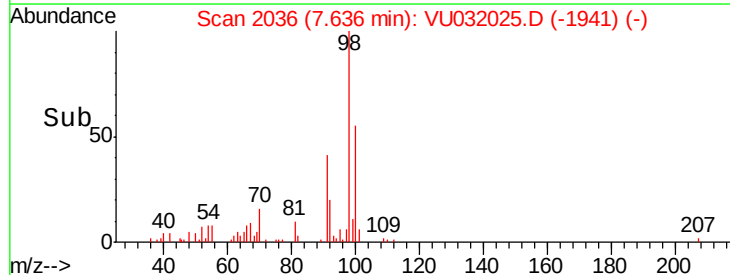
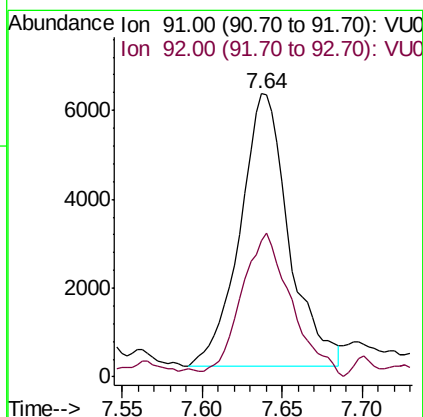
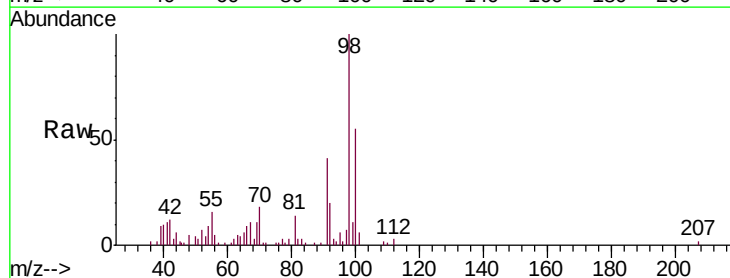
Instrument :
 MSVOA_U
 ClientSampleId :
 DB898DL

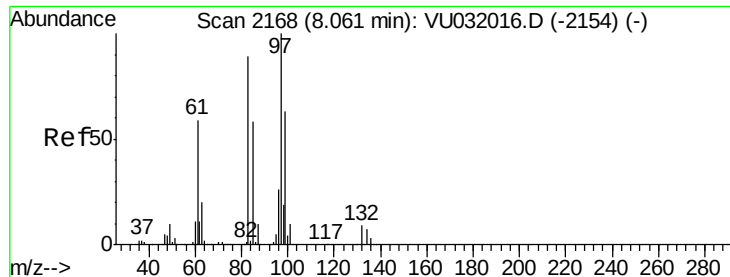
Tgt Ion: 63 Resp: 9269
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.4#



#42
 Toluene
 Concen: 0.357 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

Tgt Ion: 91 Resp: 12875
 Ion Ratio Lower Upper
 91 100
 92 48.1 40.2 74.6

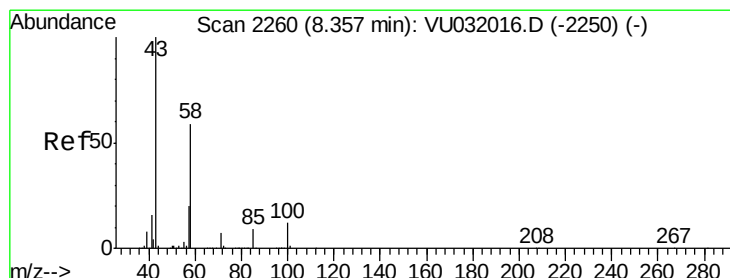
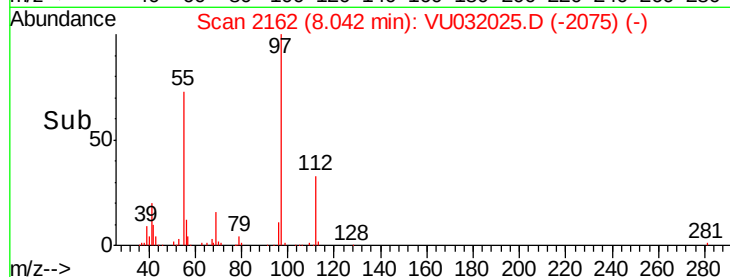
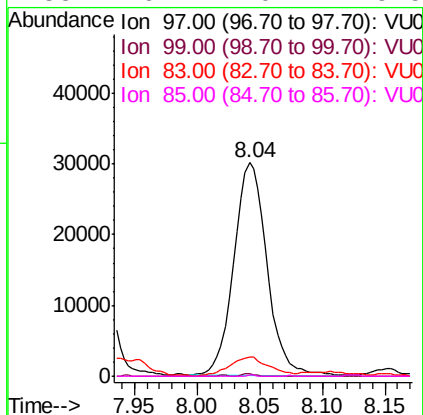
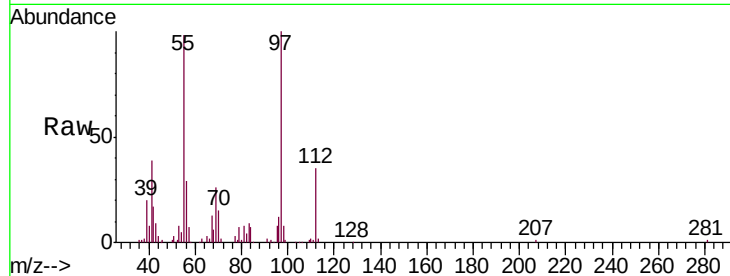




#45
 1,1,2-Trichloroethane
 Concen: 6.382 ug/L
 RT: 8.04 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

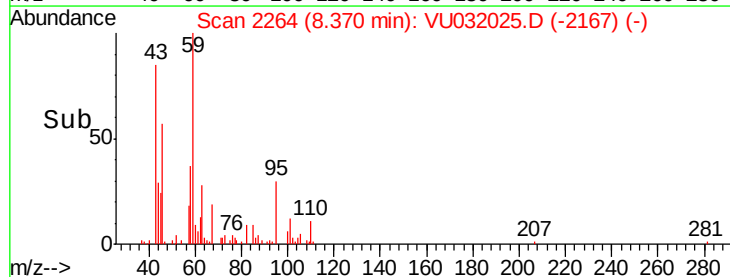
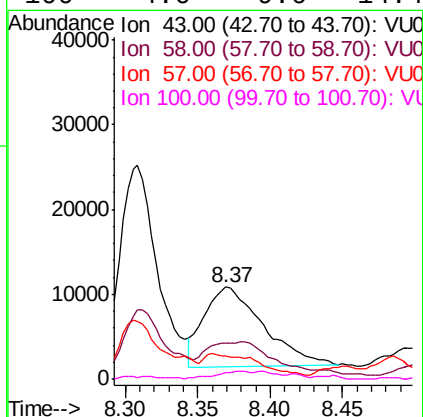
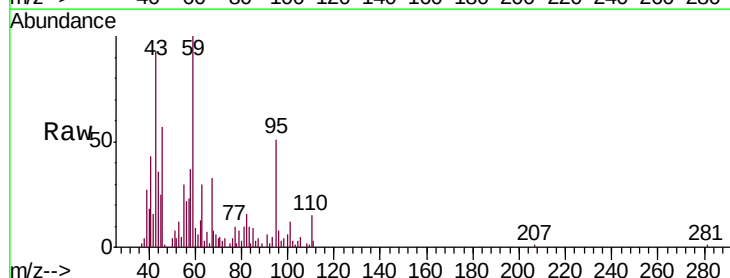
Instrument :
 MSVOA_U
 ClientSampleId :
 DB898DL

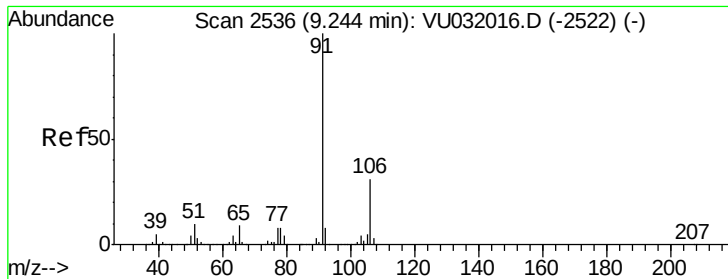
Tgt Ion: 97 Resp: 55294
 Ion Ratio Lower Upper
 97 100
 99 1.0 44.4 82.4#
 83 9.0 63.8 118.4#
 85 0.4 40.7 75.5#



#48
 2-Hexanone
 Concen: 2.578 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

Tgt Ion: 43 Resp: 26822
 Ion Ratio Lower Upper
 43 100
 58 8.5 47.8 71.6#
 57 5.6 16.0 24.0#
 100 4.6 9.6 14.4#





#52

Ethylbenzene

Concen: 4.029 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032025.D

Acq: 15 May 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

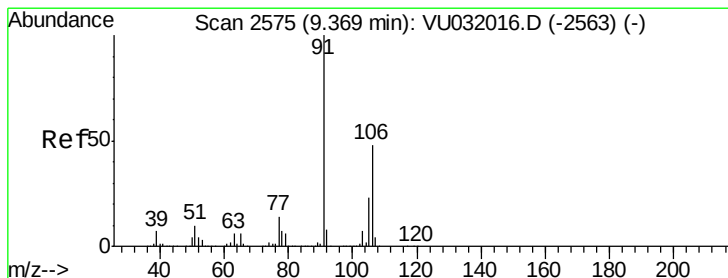
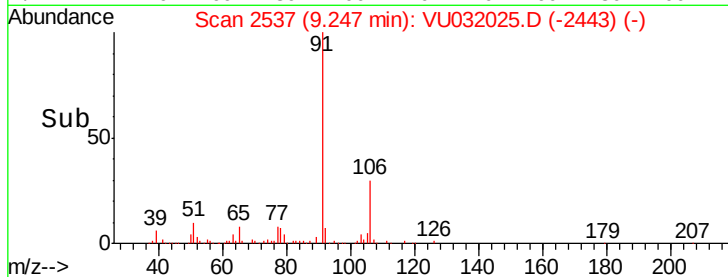
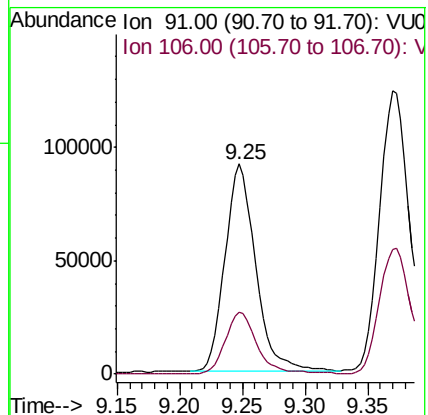
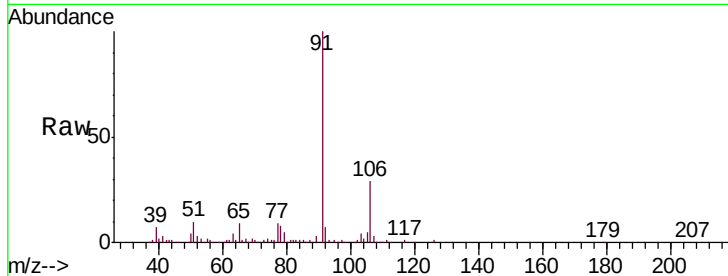
DB898DL

Tgt Ion: 91 Resp: 155646

Ion Ratio Lower Upper

91 100

106 29.3 21.3 39.5



#53

m,p-Xylene

Concen: 7.319 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032025.D

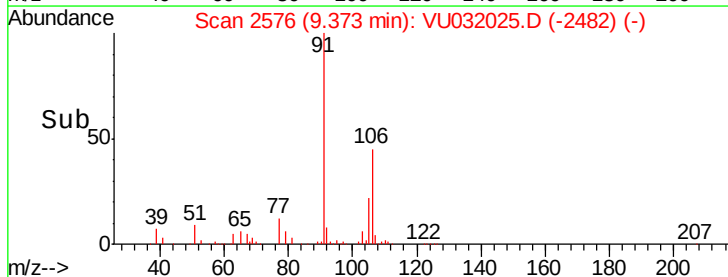
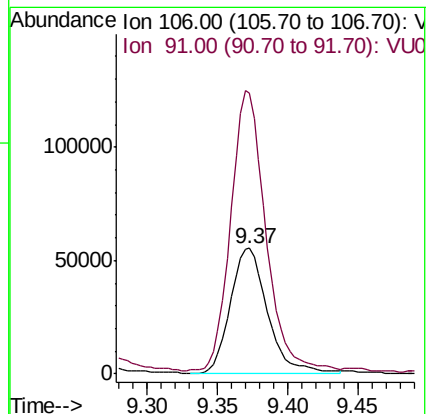
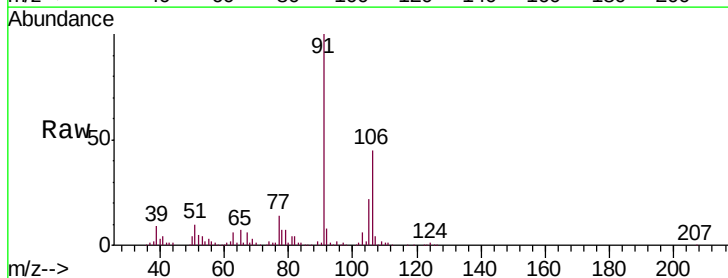
Acq: 15 May 2019 12:36

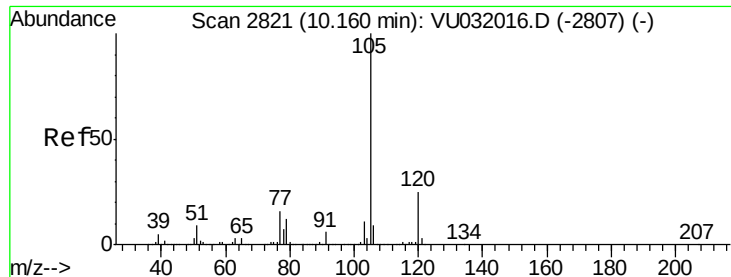
Tgt Ion: 106 Resp: 103185

Ion Ratio Lower Upper

106 100

91 223.4 144.8 269.0





#56

Isopropylbenzene

Concen: 38.364 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. 0.00 min

Lab File: VU032025.D

Acq: 15 May 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

DB898DL

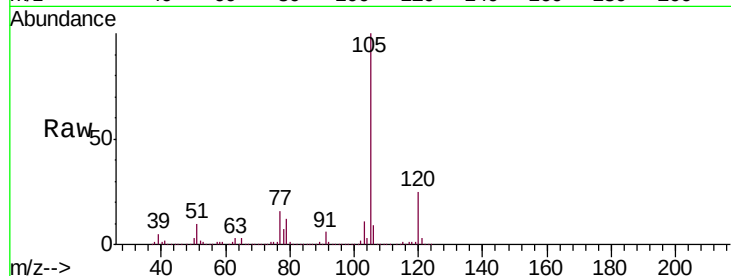
Tgt Ion:105 Resp: 1368340

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

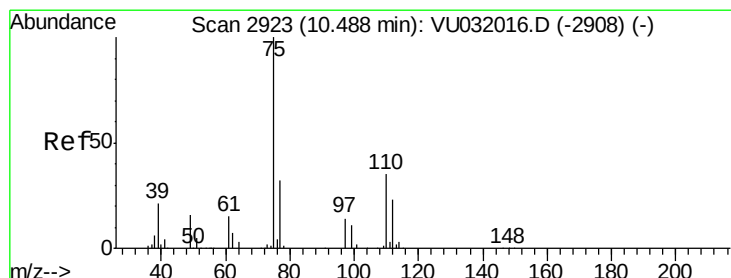
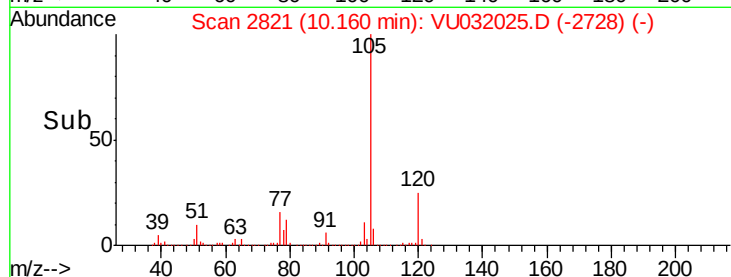
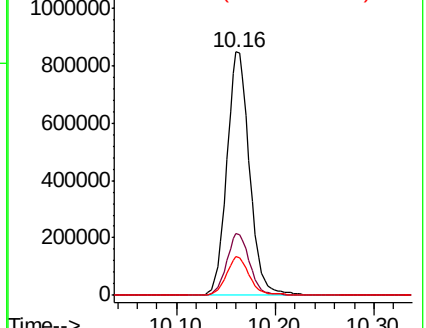
77 15.5 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.201 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032025.D

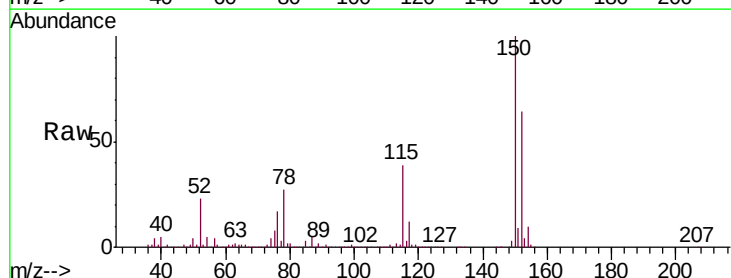
Acq: 15 May 2019 12:36

Tgt Ion: 75 Resp: 64107

Ion Ratio Lower Upper

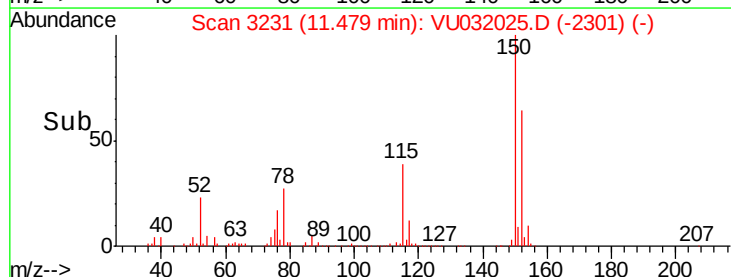
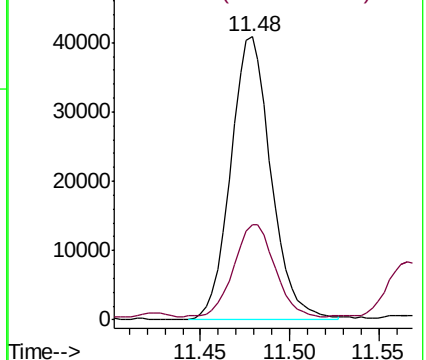
75 100

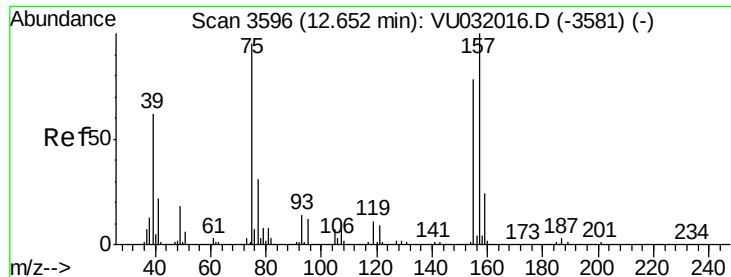
77 33.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

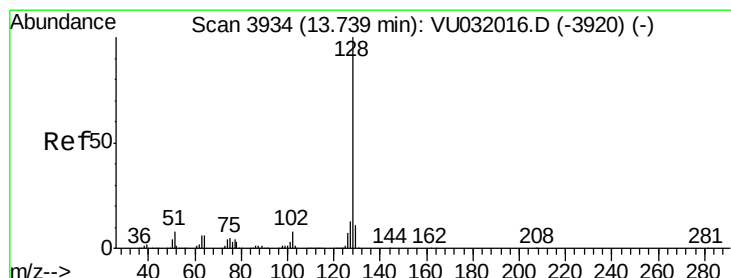
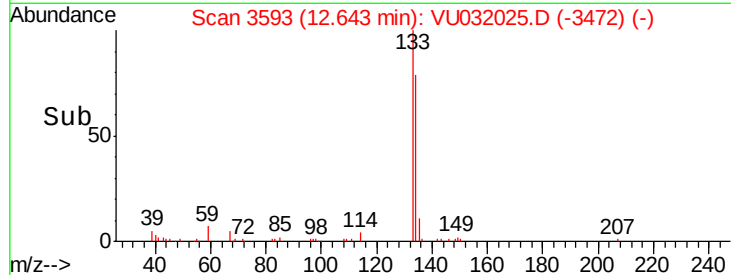
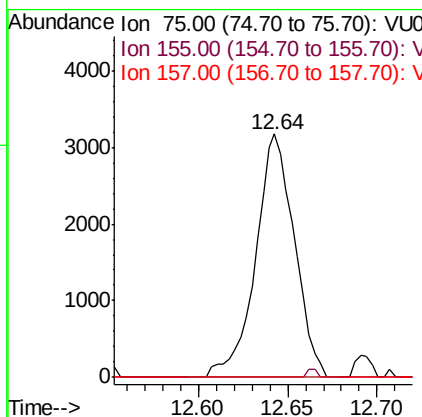
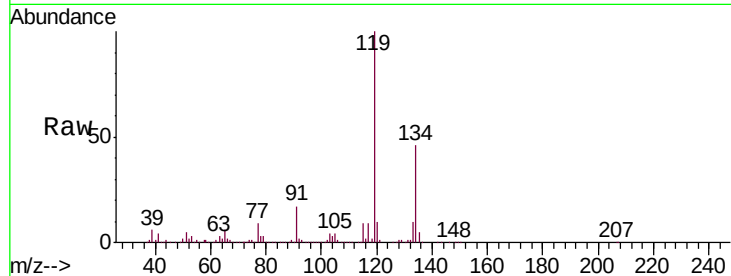




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.467 ug/L
 RT: 12.64 min Scan# 3593
 Delta R.T. -0.01 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

Instrument :
 MSVOA_U
 ClientSampleId :
 DB898DL

Tgt Ion: 75 Resp: 4822
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.8 95.8#
 157 0.0 80.2 120.2#



#69
 Naphthalene
 Concen: 9.498 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.00 min
 Lab File: VU032025.D
 Acq: 15 May 2019 12:36

Tgt Ion: 128 Resp: 280427
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.6 16.0
 129 12.3 8.6 13.0

