

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101718\
 Data File : VR026123.D
 Acq On : 17 Oct 2018 19:38
 Operator : SY/MD
 Sample : J5464-13 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE8

Quant Time: Oct 19 02:50:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 02:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511091	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	242727	5.43	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	2.62	69	204005	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	3.62	63	422864	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	6.59	46	188089	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	7.20	84	315232	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.90	65	140763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.85	84	640322	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.90	67	176342	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	610686	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	10.24	79	38900	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	10.59	63	151635	57.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67042	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	112237	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

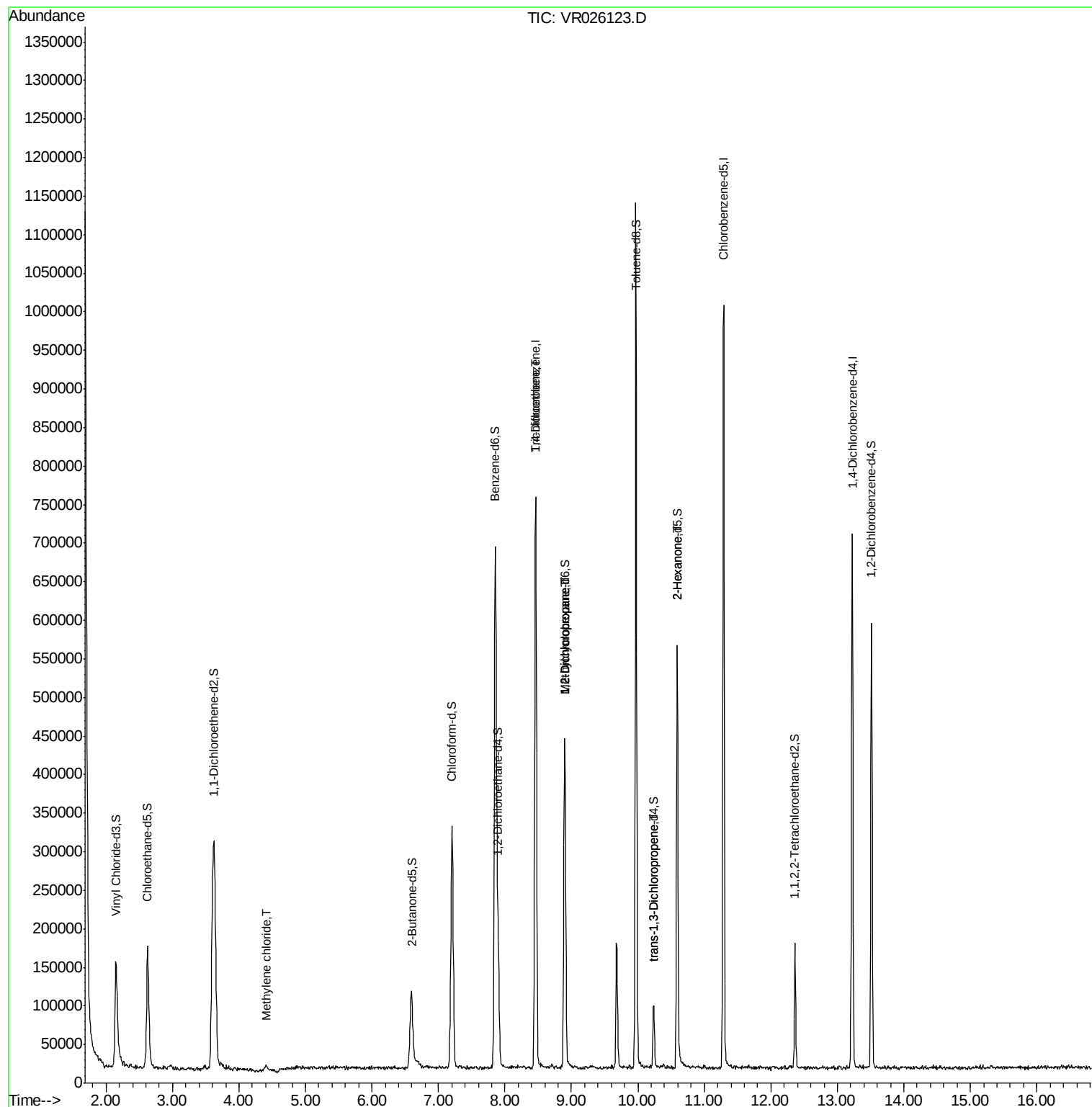
					Ovalue
16) Methylene chloride	4.41	84	5465	0.121 ug/L	89
34) Trichloroethene	8.46	95	17310	0.429 ug/L #	10
35) Methylcyclohexane	8.90	83	39177	0.652 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	21361	0.642 ug/L #	95
44) trans-1,3-Dichloropropene	10.24	75	2405	0.090 ug/L	98
48) 2-Hexanone	10.59	43	23407	3.527 ug/L #	69

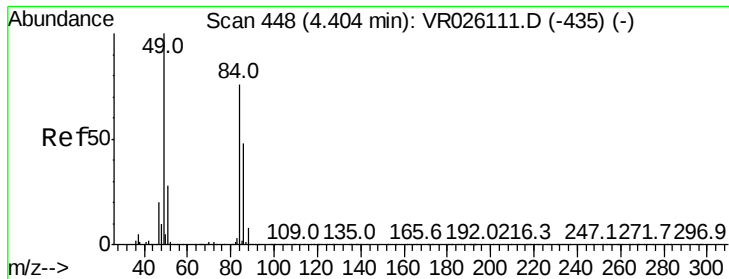
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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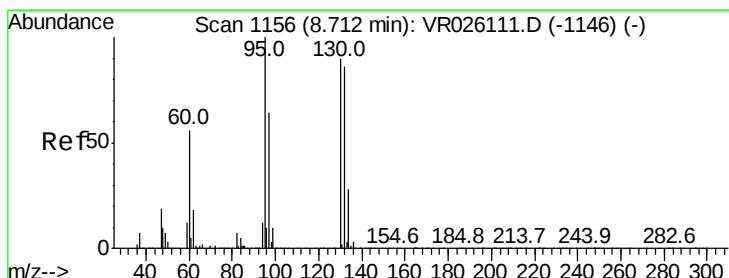
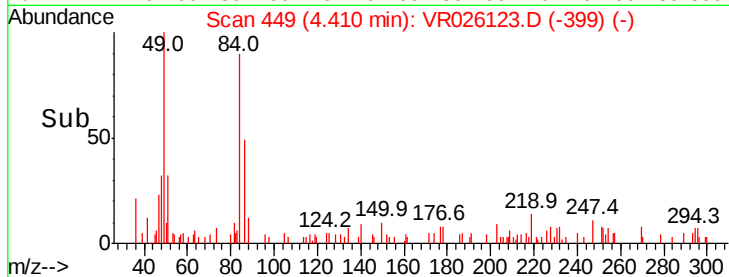
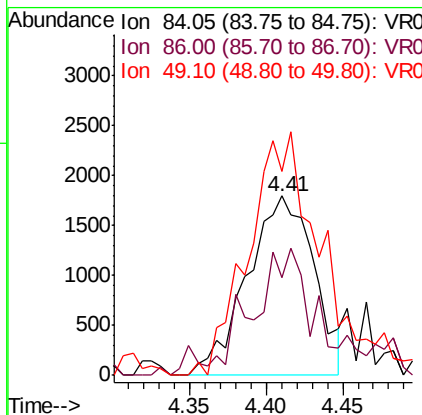
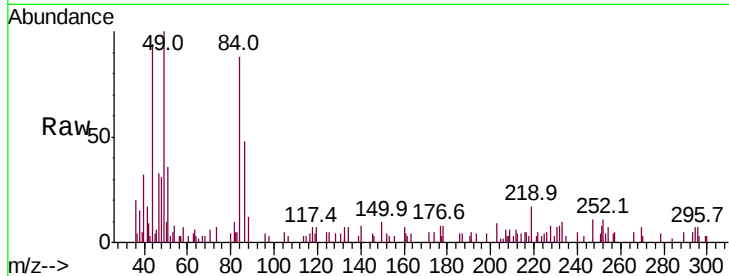




#16
Methylene chloride
Concen: 0.121 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR026123.D
Acq: 17 Oct 2018 19:38

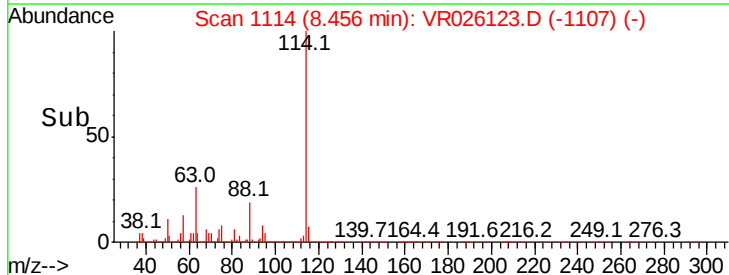
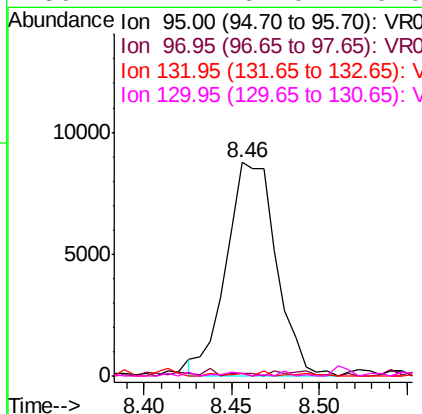
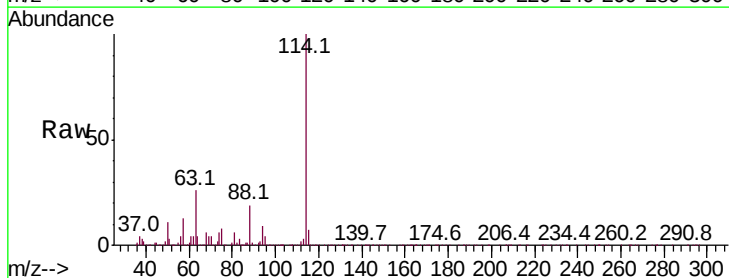
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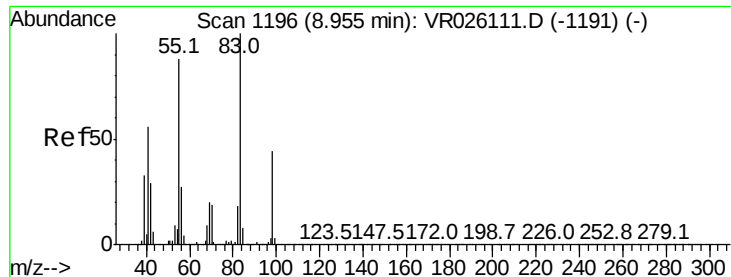
Tot Ion: 84 Resp: 5465
Ion Ratio Lower Upper
84 100
86 54.2 43.0 79.8
49 113.8 89.1 165.5



#34
Trichloroethene
Concen: 0.429 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026123.D
Acq: 17 Oct 2018 19:38

Tgt Ion: 95 Resp: 17310
Ion Ratio Lower Upper
95 100
97 1.0 45.7 84.9#
132 1.2 58.3 108.3#
130 1.2 64.0 119.0#

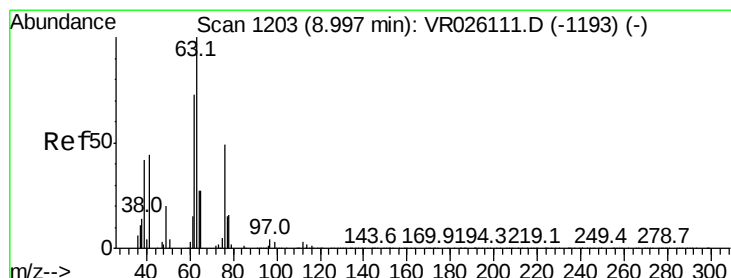
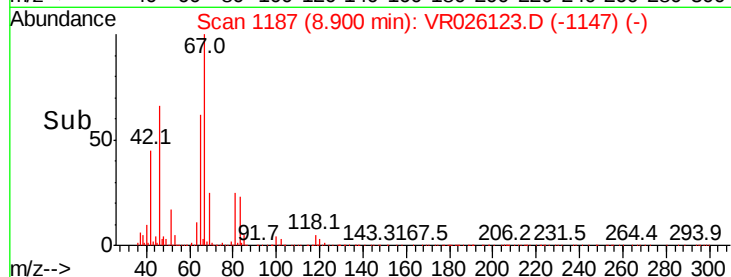
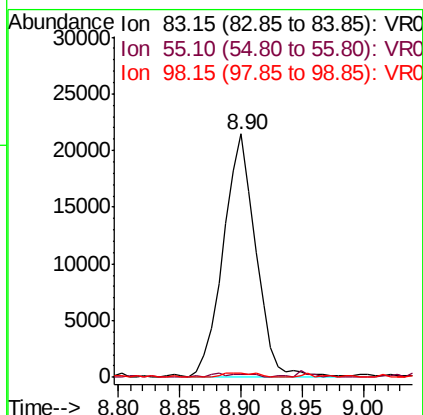
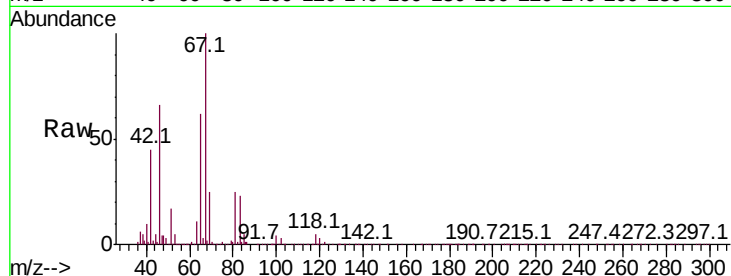




#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026123.D
Acq: 17 Oct 2018 19:38

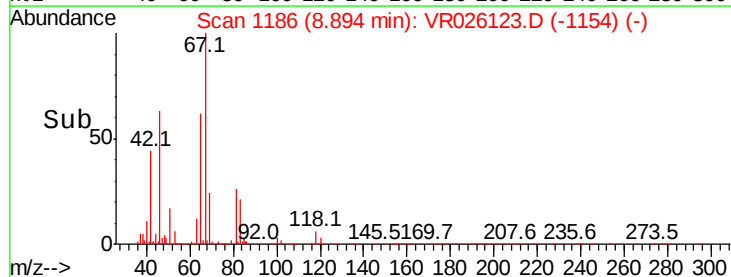
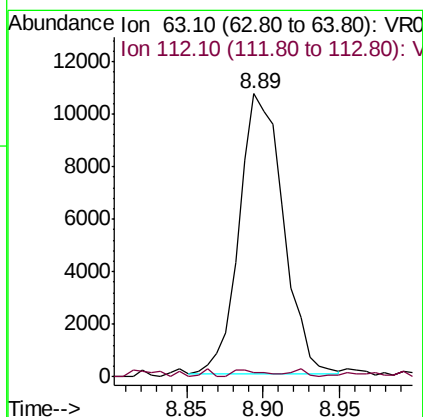
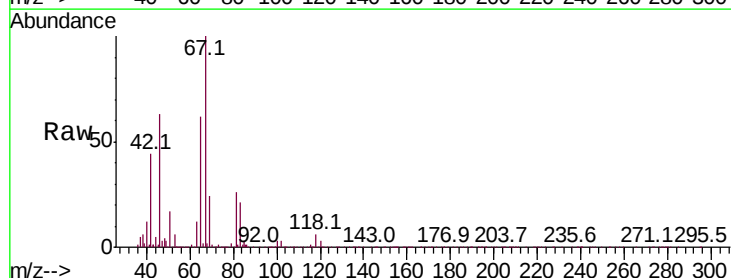
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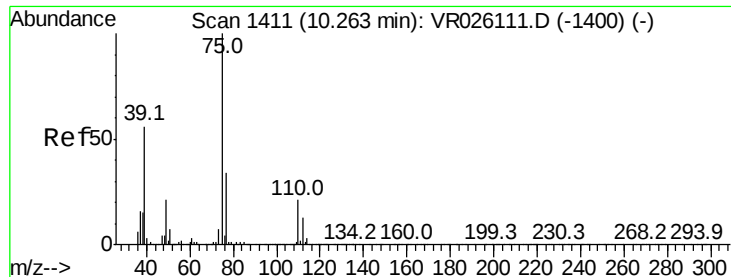
Tot Ion	83	Resp	39177
Ion Ratio	100	Lower	Upper
55	0.9	66.8	100.2#
98	2.0	35.2	52.8#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026123.D
Acq: 17 Oct 2018 19:38

Tgt Ion	63	Resp	21361
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
112	1.6	2.7	4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026123.D

Acq: 17 Oct 2018 19:38

Instrument :

MSVOA_R

ClientSampleId :

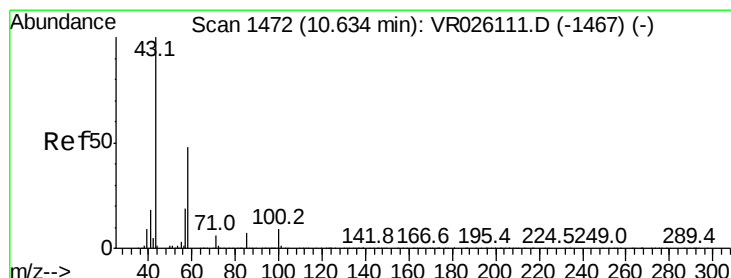
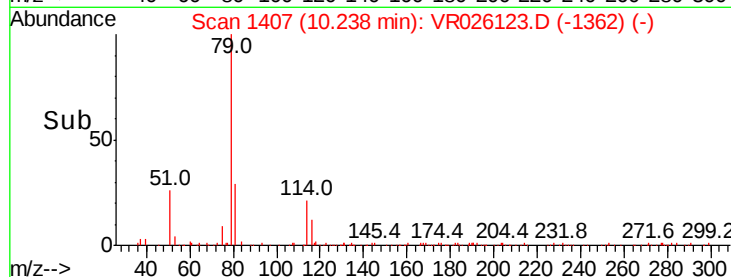
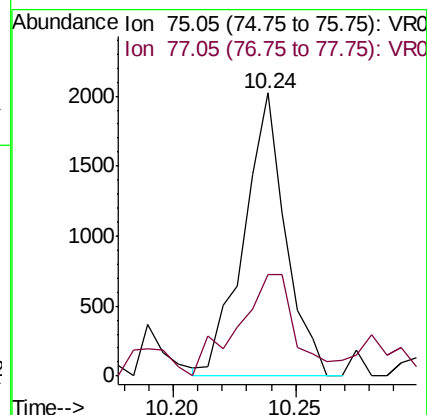
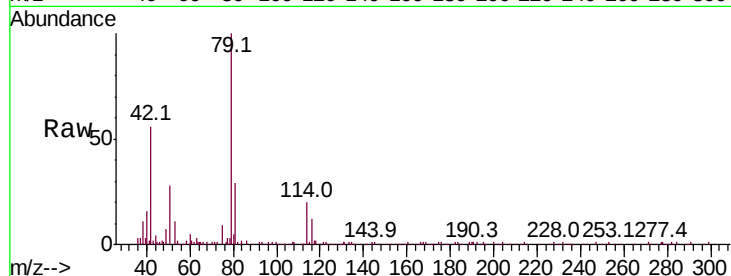
C0JE8

Tot Ion: 75 Resp: 2405

Ion Ratio Lower Upper

75 100

77 35.8 24.1 44.7



#48

2-Hexanone

Concen: 3.527 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026123.D

Acq: 17 Oct 2018 19:38

Tgt Ion: 43 Resp: 23407

Ion Ratio Lower Upper

43 100

58 24.8 39.6 59.4#

57 28.7 14.0 21.0#

100 2.8 7.0 10.6#

