

Data File : VR026427.D
Acq On : 28 Feb 2019 19:35
Operator : SY/MD
Sample : K1288-14DL 5X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

Quant Time: Mar 01 06:35:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	455614	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	380250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	113082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	184792	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	2.62	69	162228	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	3.60	63	358322	3.43	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	6.59	46	189064	58.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	7.20	84	342056	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	148015	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	7.85	84	605767	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	170460	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	543643	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.23	79	39010	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	10.59	63	146413	60.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61827	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	104453	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

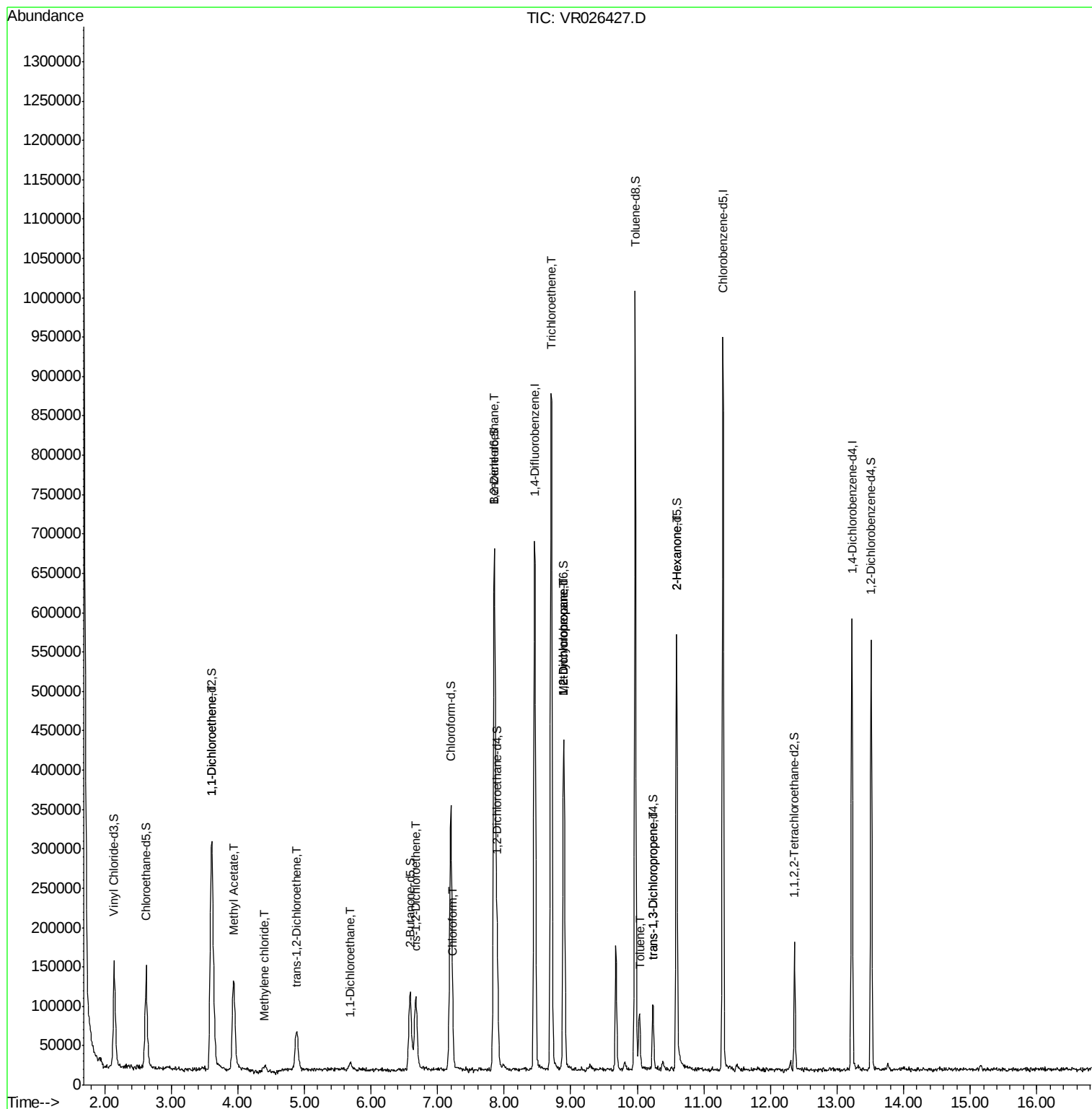
					Qvalue	
12) 1,1-Dichloroethene	3.61	96	10068	0.253	ug/L #	1
15) Methyl Acetate	3.94	43	51928	6.270	ug/L #	56
16) Methylene chloride	4.40	84	4609	0.132	ug/L	96
18) trans-1,2-Dichloroethene	4.89	96	27562	0.759	ug/L	95
19) 1,1-Dichloroethane	5.68	63	6104	0.092	ug/L #	91
22) cis-1,2-Dichloroethene	6.67	96	47160	1.547	ug/L #	94
25) Chloroform	7.23	83	8412	0.132	ug/L	77
27) 1,2-Dichloroethane	7.86	62	5477	0.181	ug/L	97
34) Trichloroethene	8.71	95	281754	7.665	ug/L	98
35) Methylcyclohexane	8.89	83	39087	0.750	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	22429	0.723	ug/L #	91
42) Toluene	10.04	91	43304	0.295	ug/L	99
44) trans-1,3-Dichloropropene	10.24	75	2650	0.107	ug/L	88
48) 2-Hexanone	10.59	43	24883	4.244	ug/L #	70

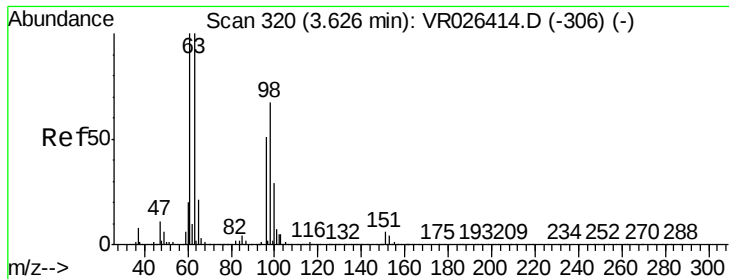
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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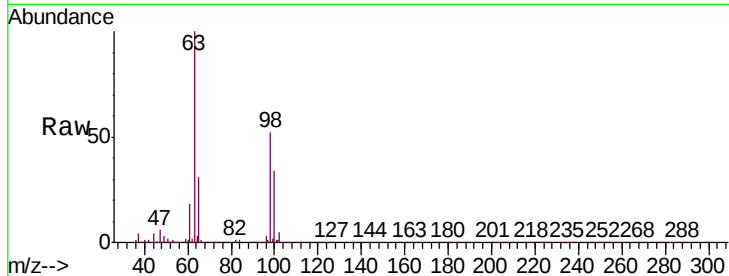




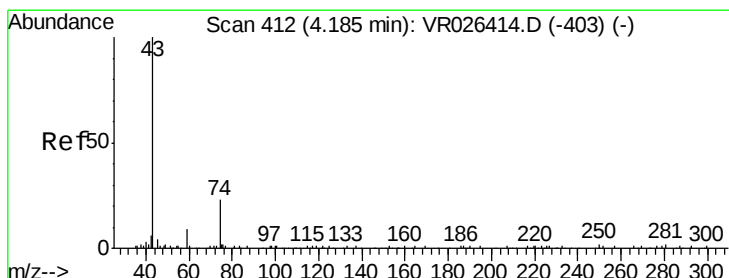
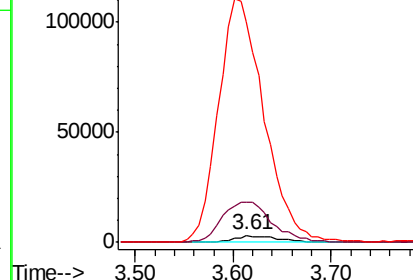
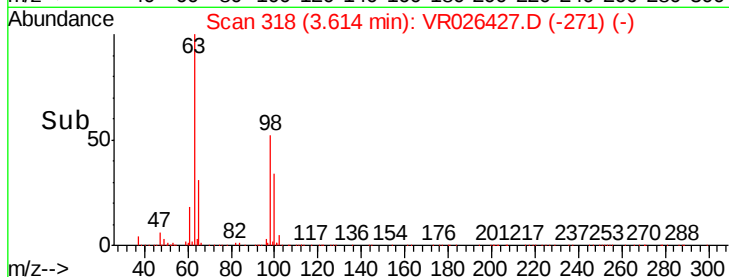
#12
 1,1-Dichloroethene
 Concen: 0.253 ug/L
 RT: 3.61 min Scan# 318
 Delta R.T. -0.01 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AB2DL

Tgt Ion: 96 Resp: 10068
 Ion Ratio Lower Upper
 96 100
 61 558.5 135.9 252.5#
 63 3062.4 136.6 253.6#

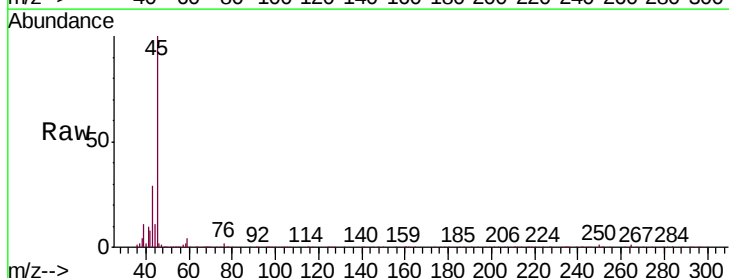


Abundance Ion 96.00 (95.70 to 96.70): VR0
 150000
 Ion 61.05 (60.75 to 61.75): VR0
 Ion 63.00 (62.70 to 63.70): VR0

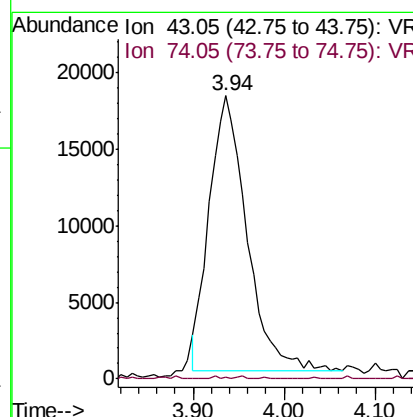
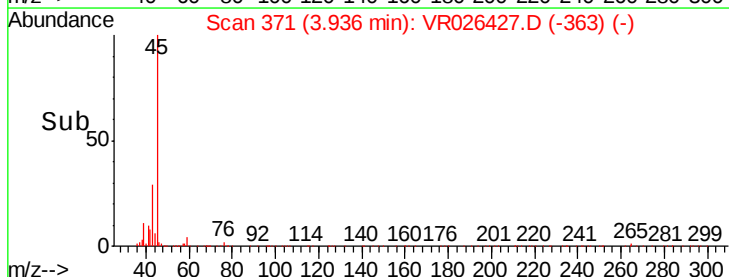


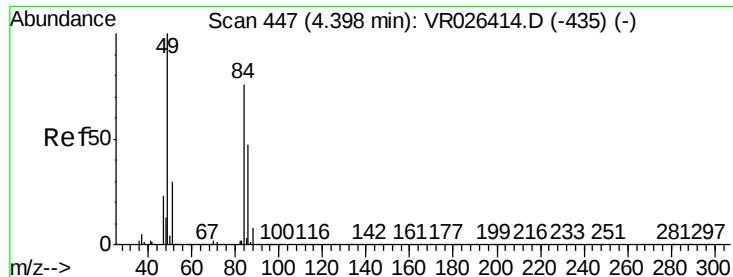
#15
 Methyl Acetate
 Concen: 6.270 ug/L
 RT: 3.94 min Scan# 371
 Delta R.T. -0.25 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

Tgt Ion: 43 Resp: 51928
 Ion Ratio Lower Upper
 43 100
 74 0.1 16.6 25.0#



Abundance Ion 43.05 (42.75 to 43.75): VR0
 20000
 Ion 74.05 (73.75 to 74.75): VR0

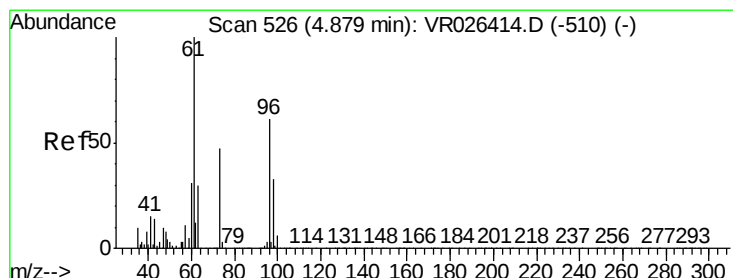
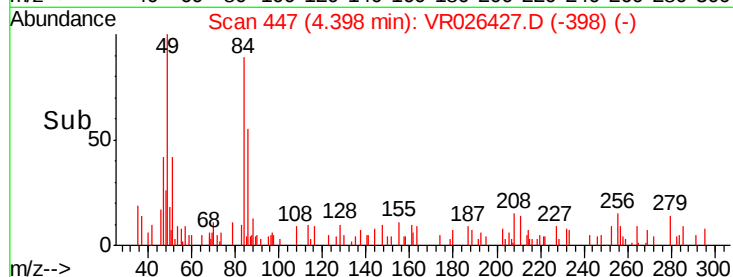
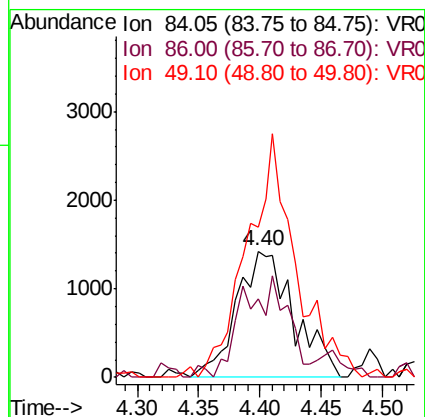
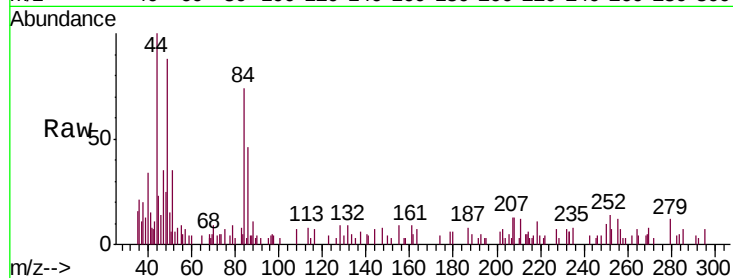




#16
Methylene chloride
Concen: 0.132 ug/L
RT: 4.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

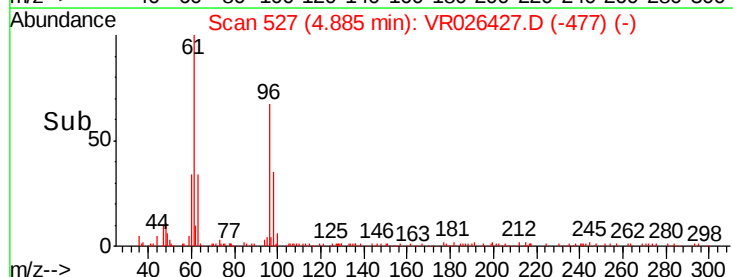
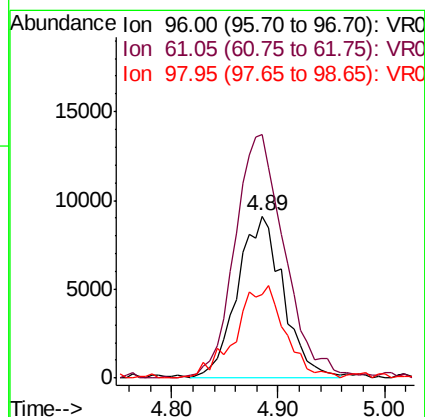
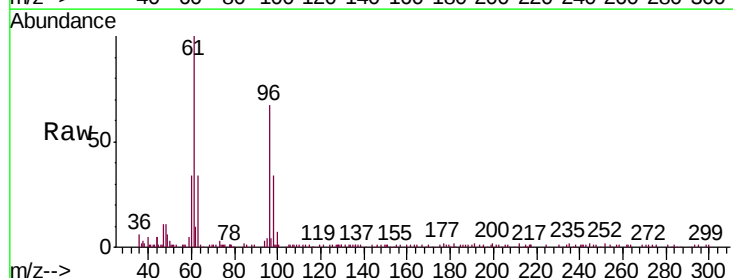
Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

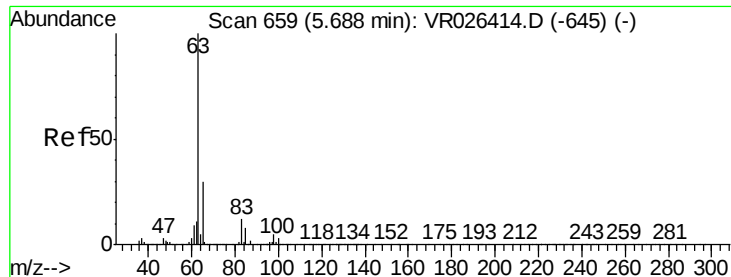
Tgt Ion: 84 Resp: 4609
Ion Ratio Lower Upper
84 100
86 61.8 42.1 78.3
49 139.7 93.8 174.2



#18
trans-1,2-Dichloroethene
Concen: 0.759 ug/L
RT: 4.89 min Scan# 527
Delta R.T. 0.01 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Tgt Ion: 96 Resp: 27562
Ion Ratio Lower Upper
96 100
61 150.1 109.4 203.2
98 51.8 39.7 73.7





#19

1,1-Dichloroethane

Concen: 0.092 ug/L

RT: 5.68 min Scan# 658

Delta R.T. -0.01 min

Lab File: VR026427.D

Acq: 28 Feb 2019 19:35

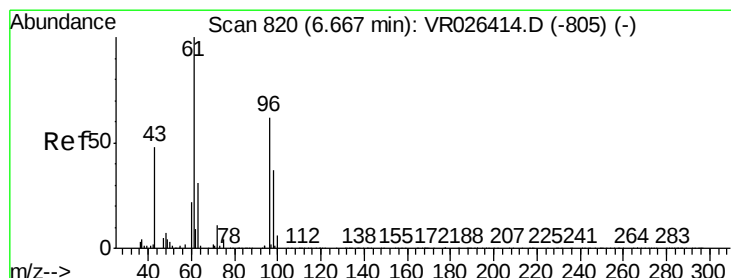
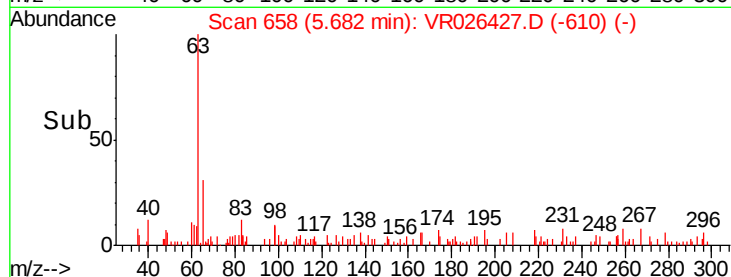
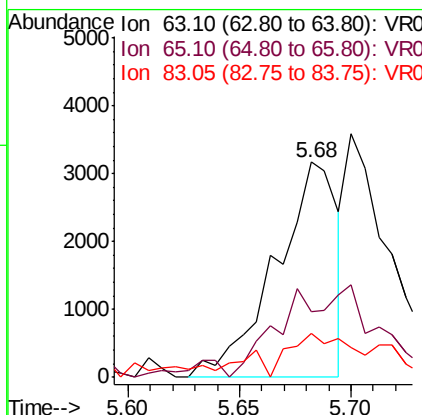
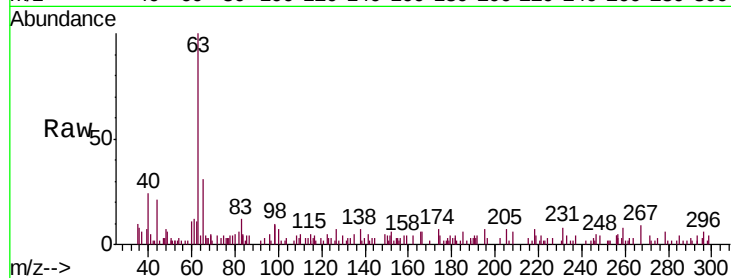
Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

Tgt Ion:	63	Resp:	6104
Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.6	43.8
83	20.6	8.8	16.4#



#22

cis-1,2-Dichloroethene

Concen: 1.547 ug/L

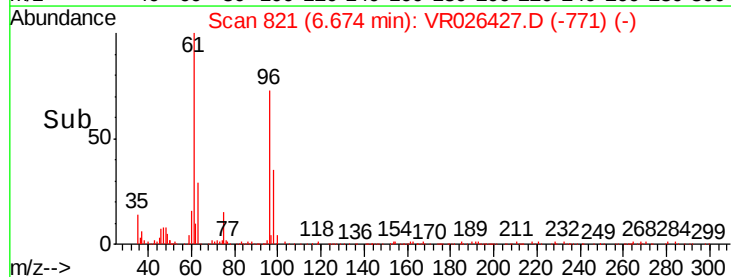
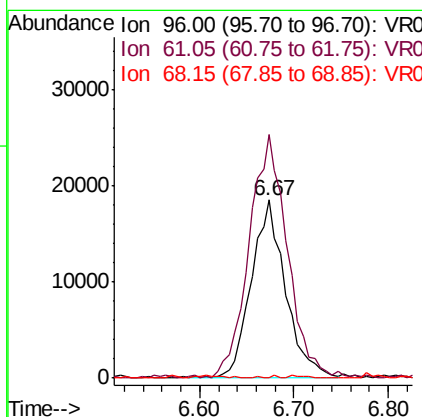
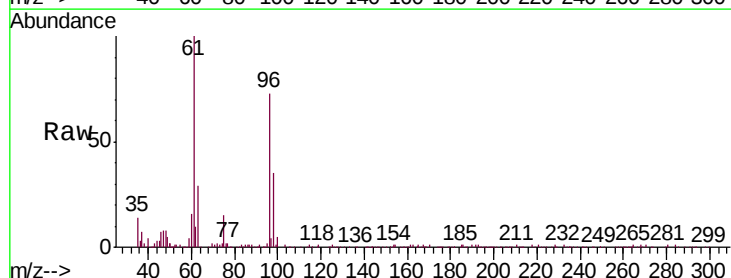
RT: 6.67 min Scan# 821

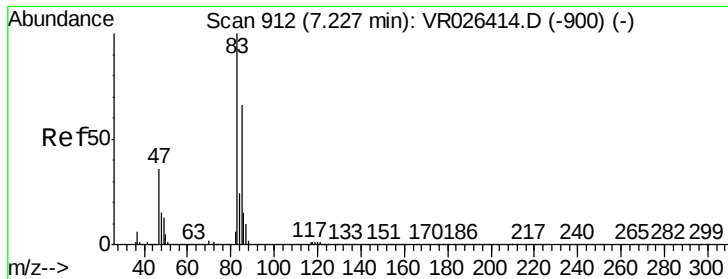
Delta R.T. 0.01 min

Lab File: VR026427.D

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Tgt Ion:	96	Resp:	47160
Ion	Ratio	Lower	Upper
96	100		
61	136.7	100.8	187.2
68	0.0	0.1	0.1#

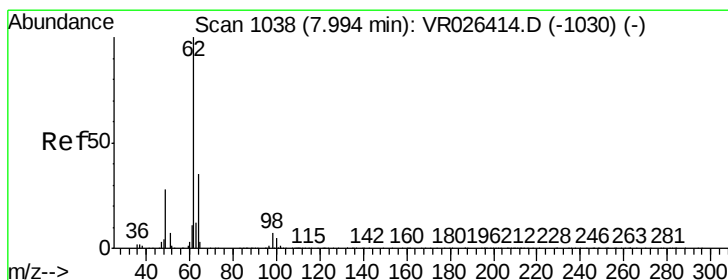
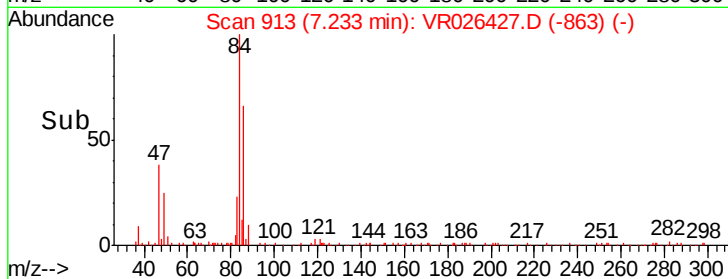
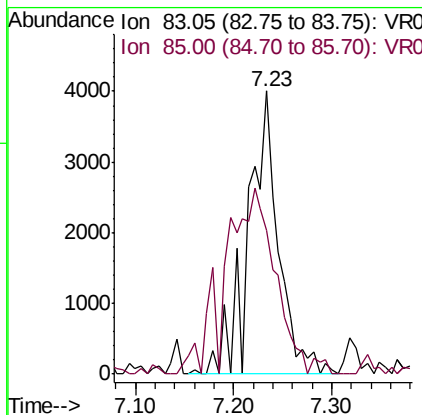
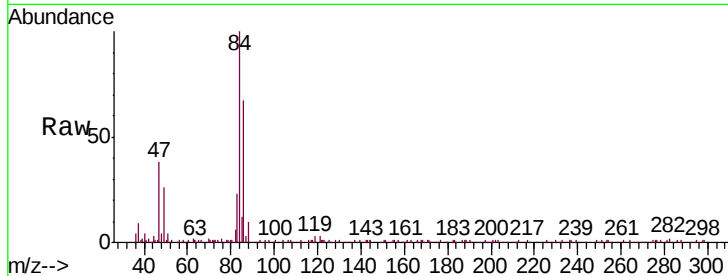




#25
Chloroform
Concen: 0.132 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

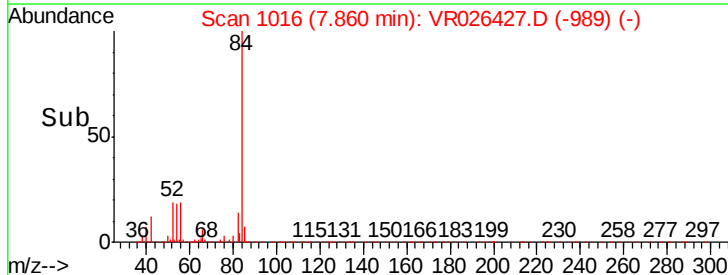
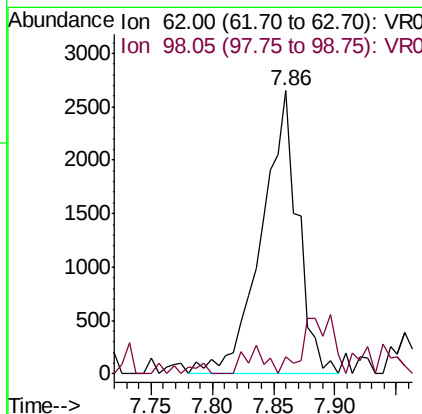
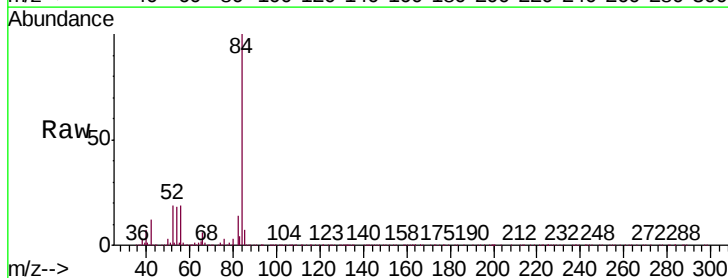
Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

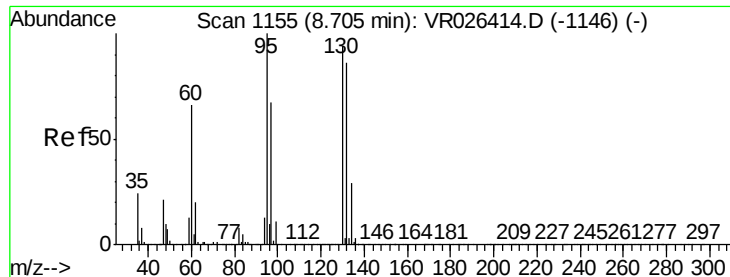
Tgt Ion: 83 Resp: 8412
Ion Ratio Lower Upper
83 100
85 51.0 48.6 90.2



#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Tgt Ion: 62 Resp: 5477
Ion Ratio Lower Upper
62 100
98 6.1 5.7 8.5





#34

Trichloroethene

Concen: 7.665 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026427.D

Acq: 28 Feb 2019 19:35

Instrument :

MSVOA_R

ClientSampleId :

C0AB2DL

Tgt Ion: 95 Resp: 281754

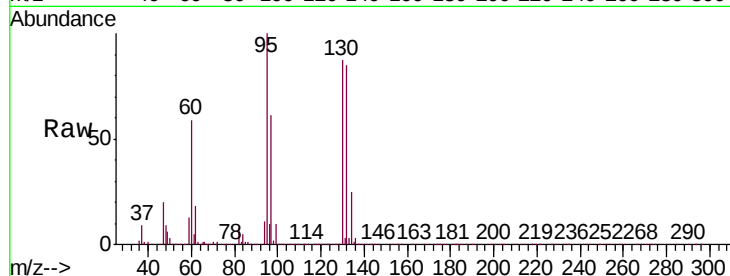
Ion Ratio Lower Upper

95 100

97 61.0 43.5 80.7

132 84.5 58.6 108.8

130 87.0 59.4 110.2

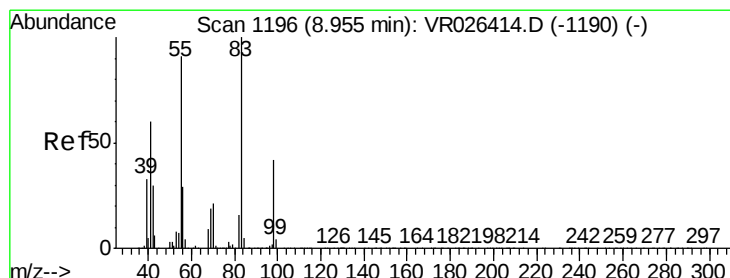
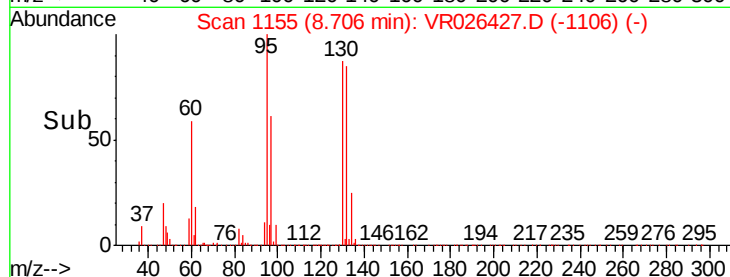
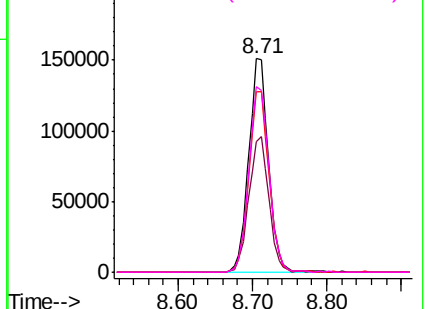


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026427.D

Acq: 28 Feb 2019 19:35

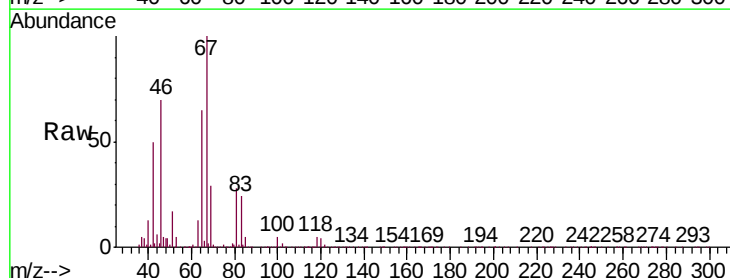
Tgt Ion: 83 Resp: 39087

Ion Ratio Lower Upper

83 100

55 1.1 72.2 108.2#

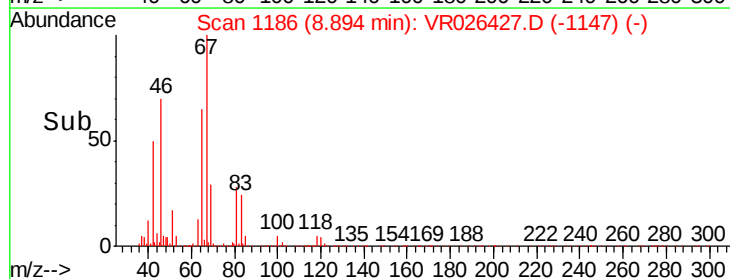
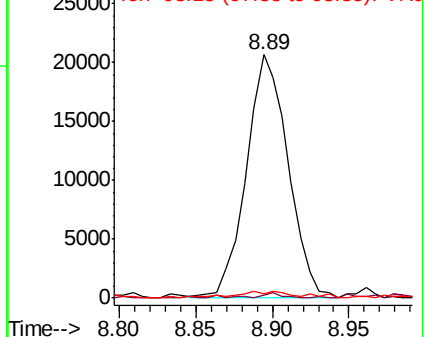
98 2.1 35.0 52.4#

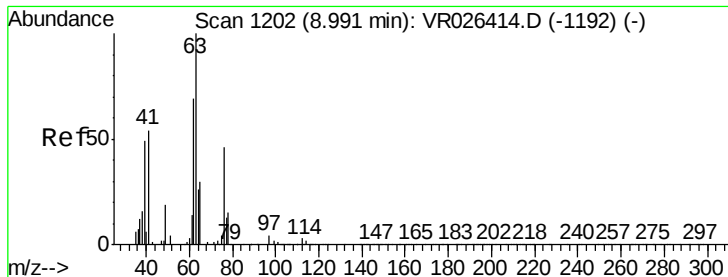


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

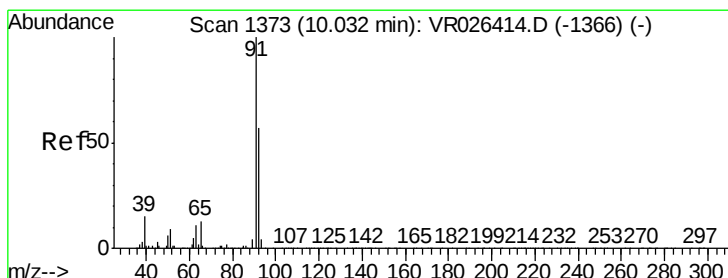
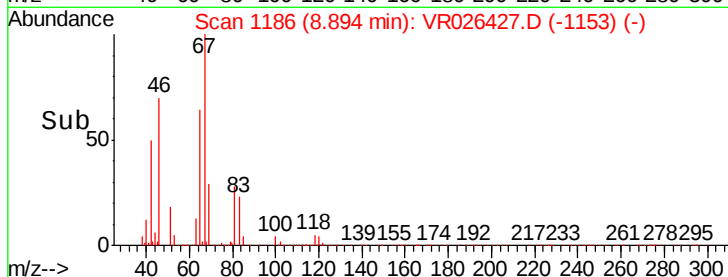
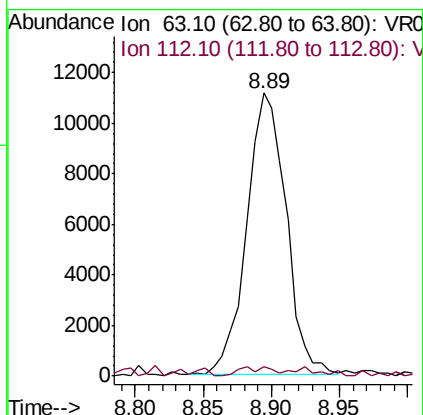
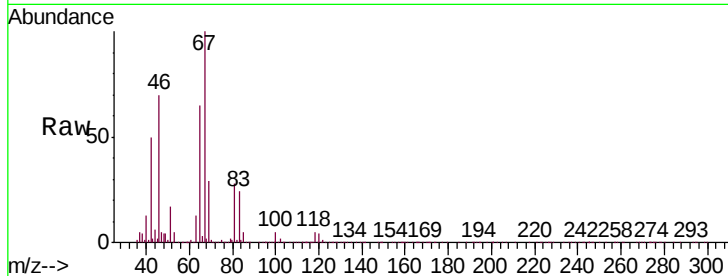




#37
 1,2-Dichloropropane
 Concen: 0.723 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

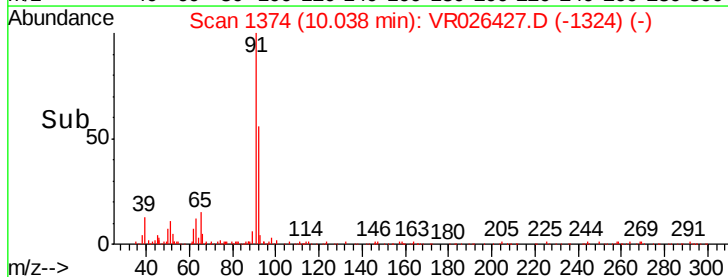
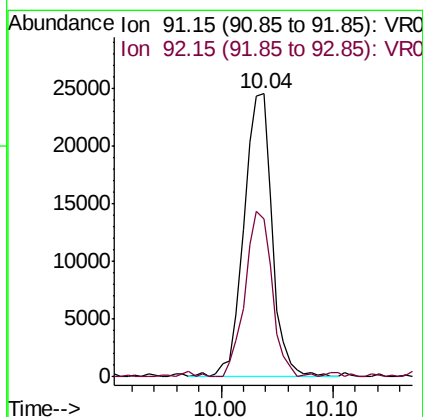
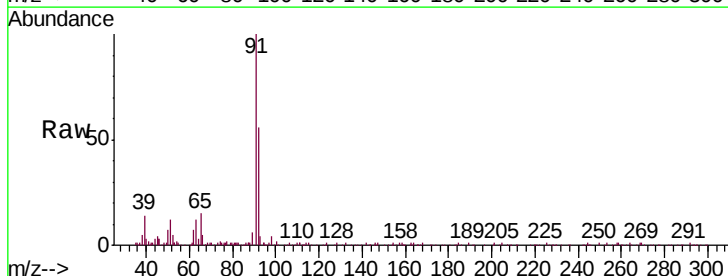
Instrument :
 MSVOA_R
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 C0AB2DL

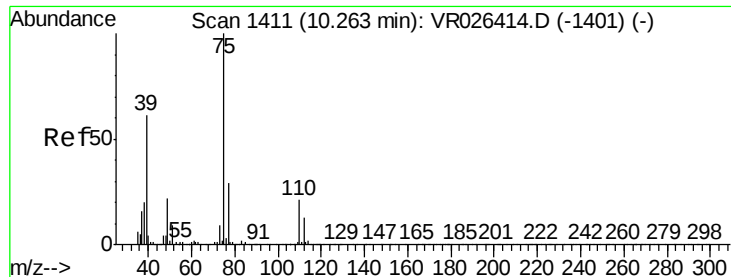
Tgt Ion: 63 Resp: 22429
 Ion Ratio Lower Upper
 63 100
 112 1.4 3.6 5.4#



#42
 Toluene
 Concen: 0.295 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: VR026427.D
 Acq: 28 Feb 2019 19:35

Tgt Ion: 91 Resp: 43304
 Ion Ratio Lower Upper
 91 100
 92 55.8 39.6 73.6

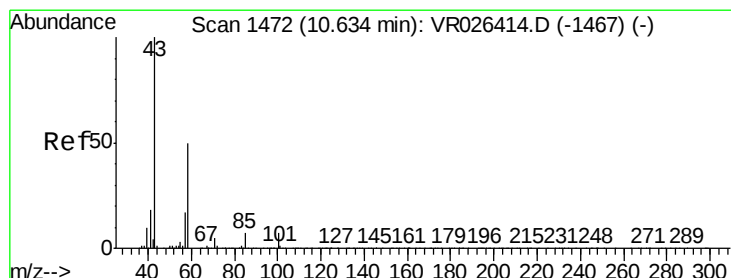
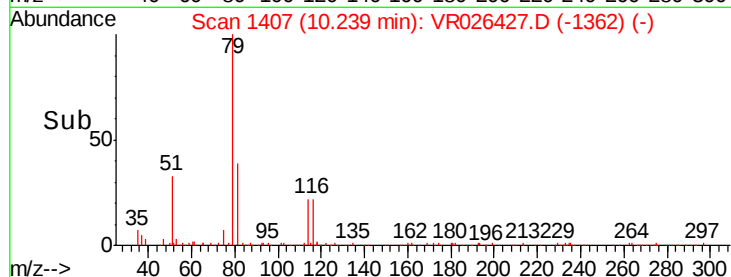
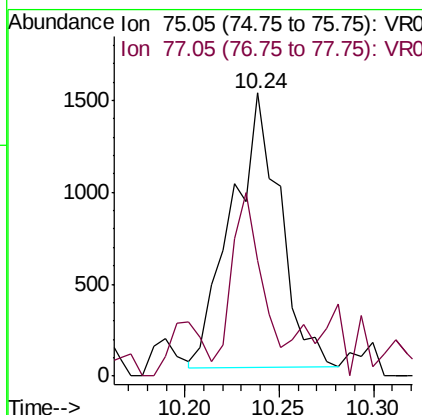
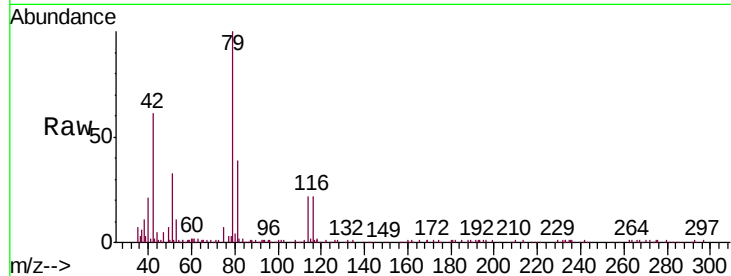




#44
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 10.24 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Instrument :
MSVOA_R
ClientSampleId :
C0AB2DL

Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
77 41.1 23.9 44.3



#48
2-Hexanone
Concen: 4.244 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026427.D
Acq: 28 Feb 2019 19:35

Tgt Ion: 43 Resp: 24883
Ion Ratio Lower Upper
43 100
58 26.3 38.4 57.6#
57 30.2 13.2 19.8#
100 3.8 6.3 9.5#

