

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026581.D
 Acq On : 11 Apr 2019 22:25
 Operator : SY/MD
 Sample : K2297-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YB8

Quant Time: Apr 12 02:11:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	519055	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	434526	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	130995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	173197	4.45	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	2.62	69	159313	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	3.60	63	367632	3.37	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.58	46	189594	51.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.44%
24) Chloroform-d	7.20	84	379472	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.89	65	161799	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	7.85	84	666789	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	8.89	67	180878	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.96	98	600321	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.24	79	36190	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	10.59	63	154742	54.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72328	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	121585	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

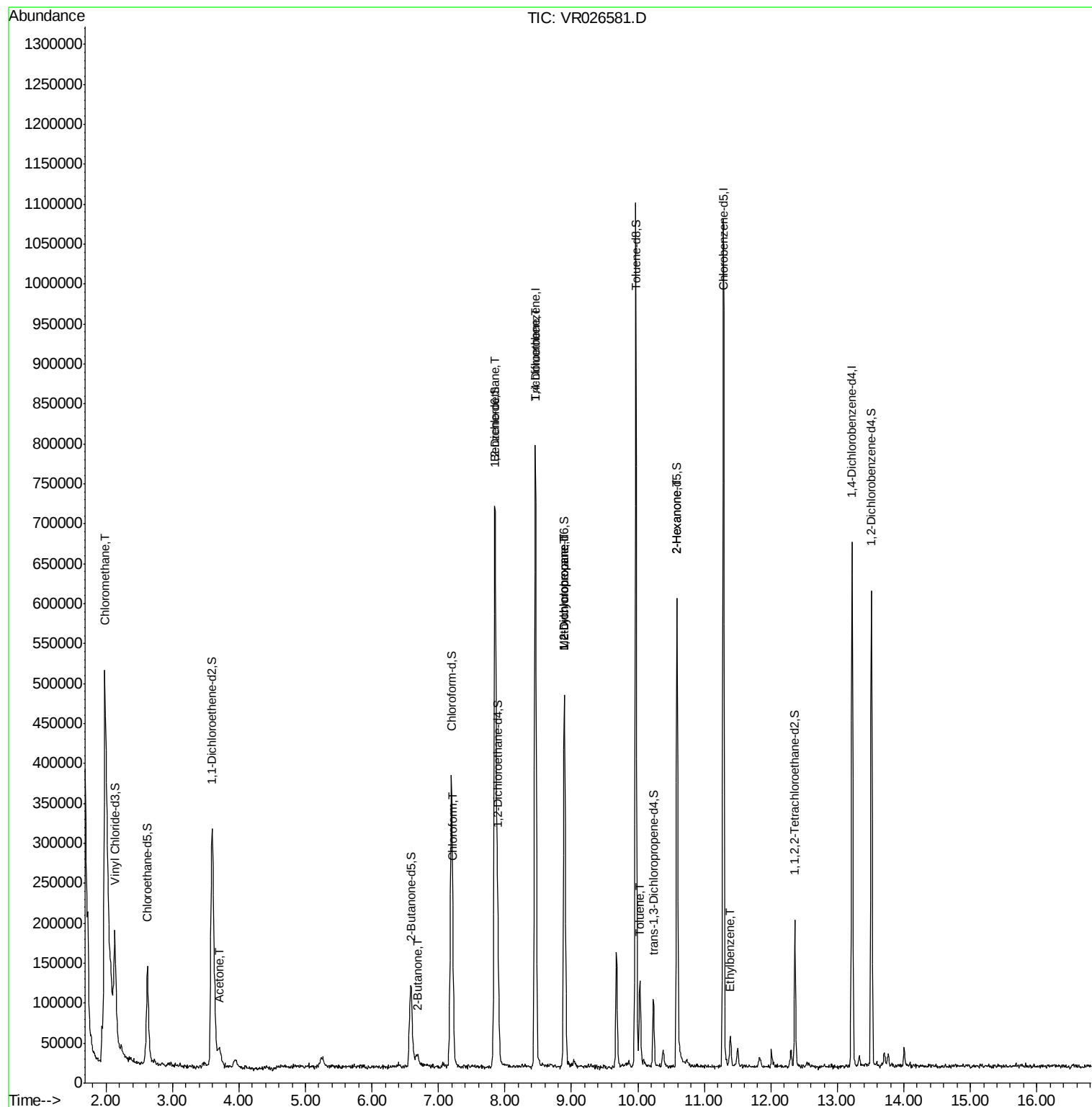
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.99	50	12718	0.226	ug/L #	77
13) Acetone	3.70	43	35235	9.230	ug/L	95
21) 2-Butanone	6.68	43	7588	1.652	ug/L	96
25) Chloroform	7.22	83	9947	0.127	ug/L	88
27) 1,2-Dichloroethane	7.86	62	5228	0.133	ug/L	98
34) Trichloroethene	8.46	95	18544	0.416	ug/L #	13
35) Methylcyclohexane	8.89	83	43914	0.717	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	23441	0.652	ug/L #	93
42) Toluene	10.03	91	59165	0.342	ug/L	99
48) 2-Hexanone	10.59	43	27914	3.689	ug/L #	70
52) Ethylbenzene	11.39	91	18643	0.094	ug/L	95

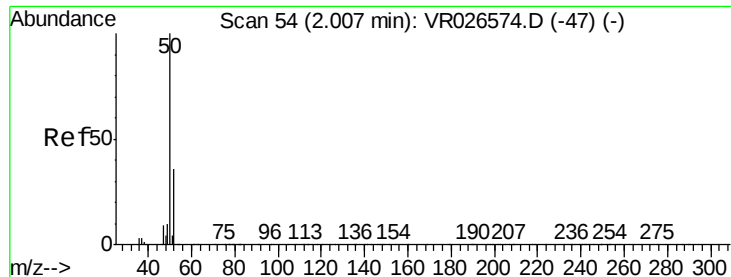
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.226 ug/L

RT: 1.99 min Scan# 51

Delta R.T. -0.02 min

Lab File: VR026581.D

Acq: 11 Apr 2019 22:25

Instrument :

MSVOA_R

ClientSampleId :

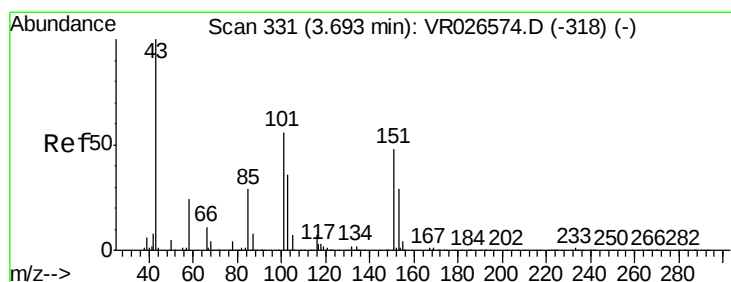
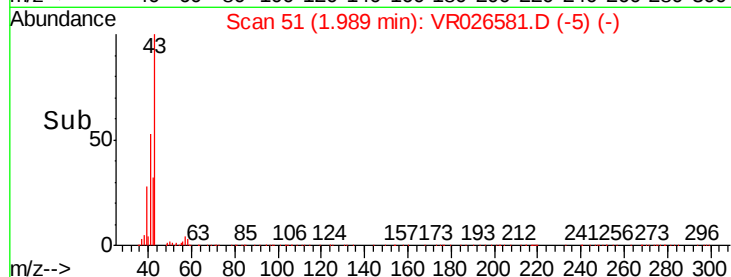
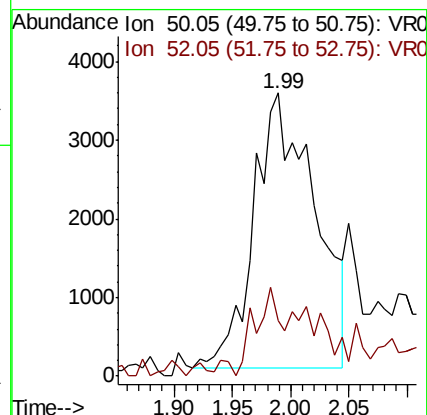
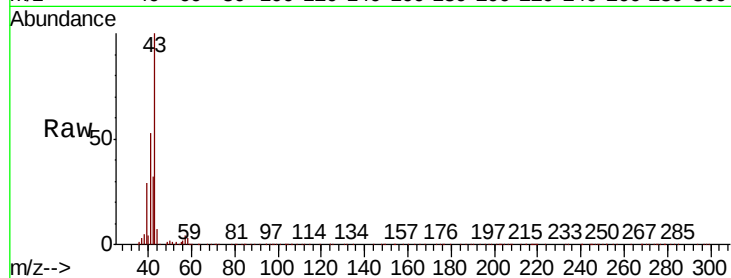
E3YB8

Tot Ion: 50 Resp: 12718

Ion Ratio Lower Upper

50 100

52 19.4 22.8 42.4#



#13

Acetone

Concen: 9.230 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026581.D

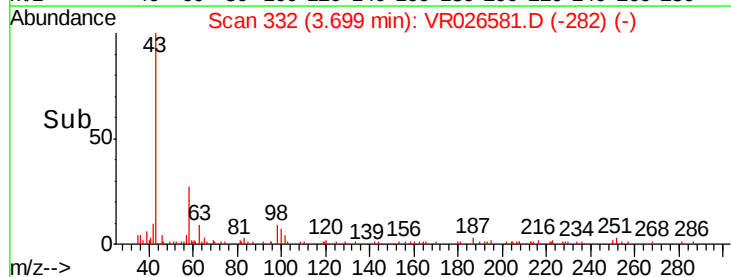
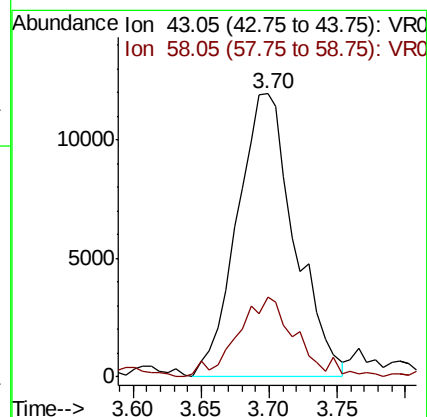
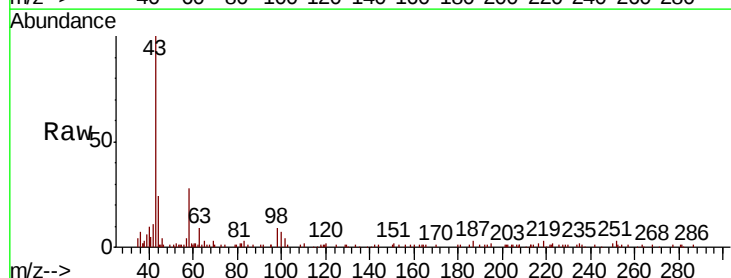
Acq: 11 Apr 2019 22:25

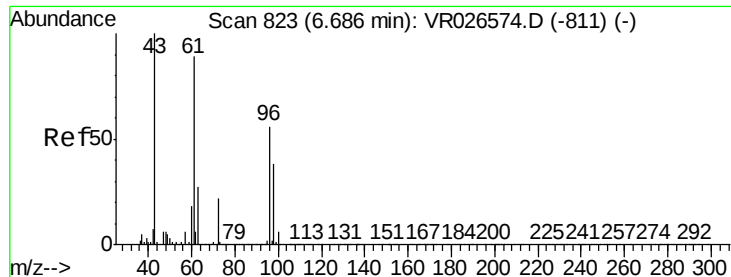
Tgt Ion: 43 Resp: 35235

Ion Ratio Lower Upper

43 100

58 27.0 0.0 49.4





#21

2-Butanone

Concen: 1.652 ug/L

RT: 6.68 min Scan# 822

Delta R.T. -0.01 min

Lab File: VR026581.D

Acq: 11 Apr 2019 22:25

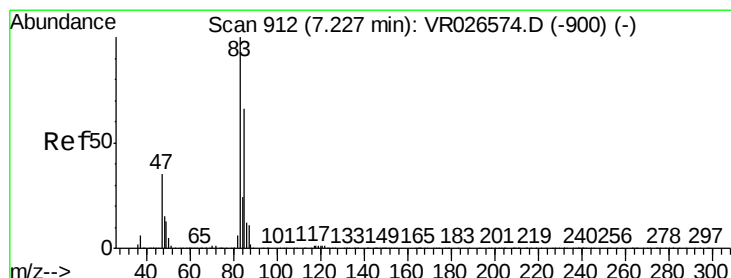
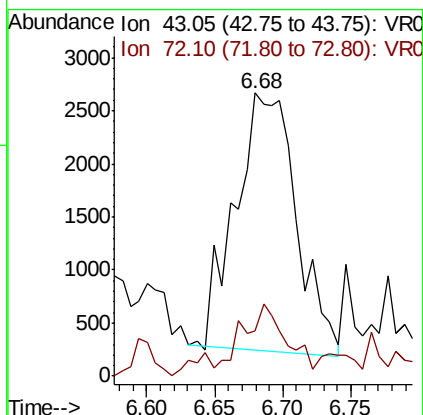
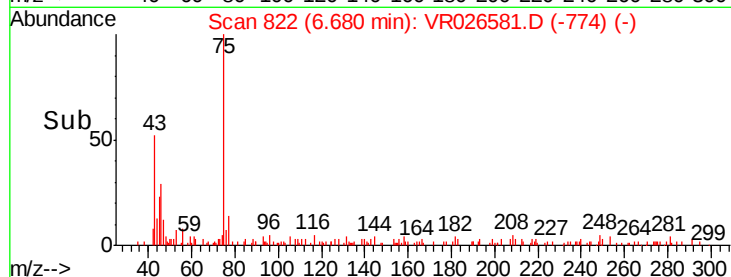
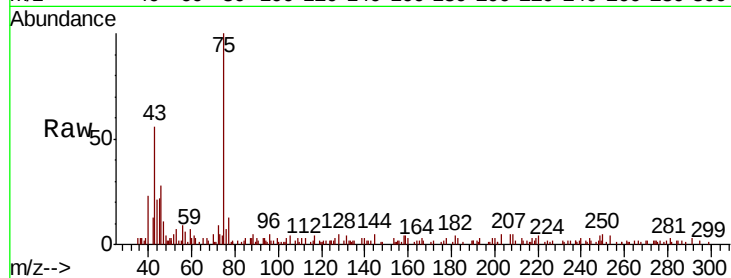
Instrument :
MSVOA_R
ClientSampleId :
E3YB8

Tot Ion: 43 Resp: 7588

Ion Ratio Lower Upper

43 100

72 20.3 11.1 33.3



#25

Chloroform

Concen: 0.127 ug/L

RT: 7.22 min Scan# 911

Delta R.T. -0.01 min

Lab File: VR026581.D

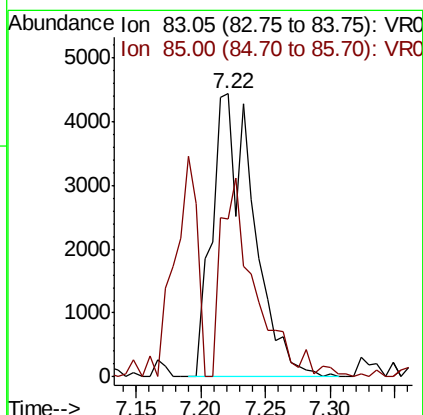
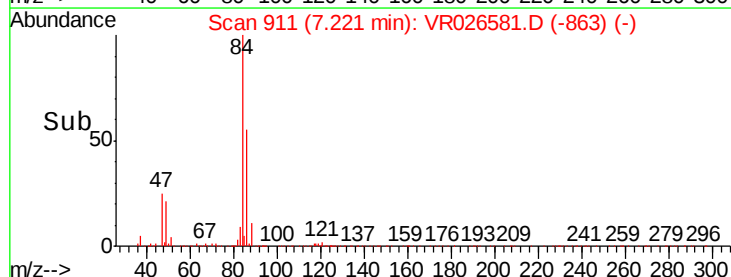
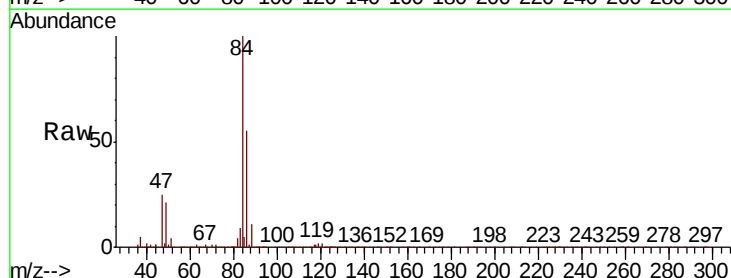
Acq: 11 Apr 2019 22:25

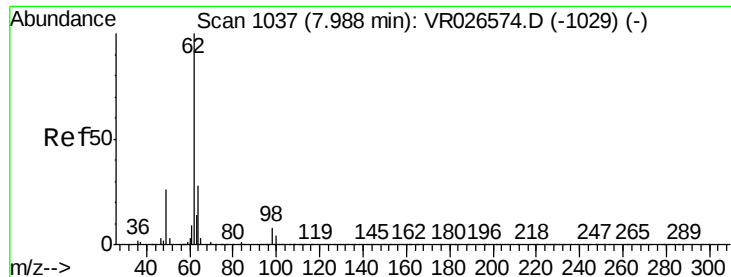
Tgt Ion: 83 Resp: 9947

Ion Ratio Lower Upper

83 100

85 55.7 45.6 84.6

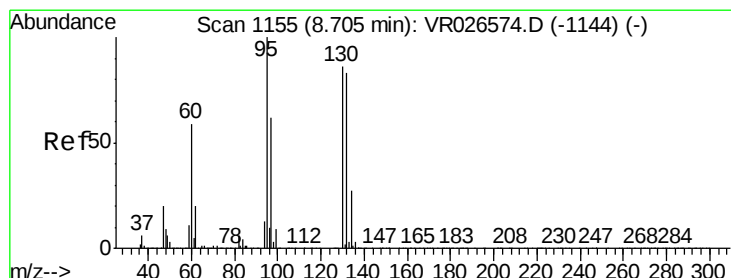
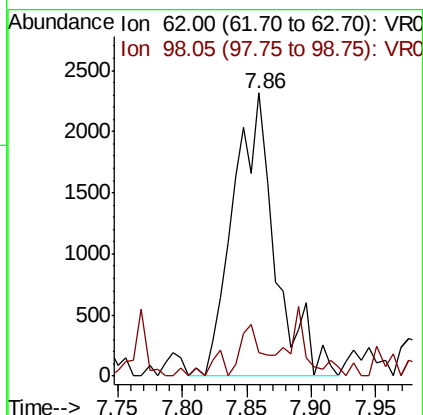
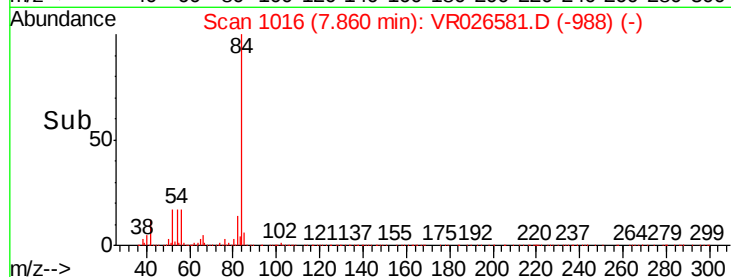
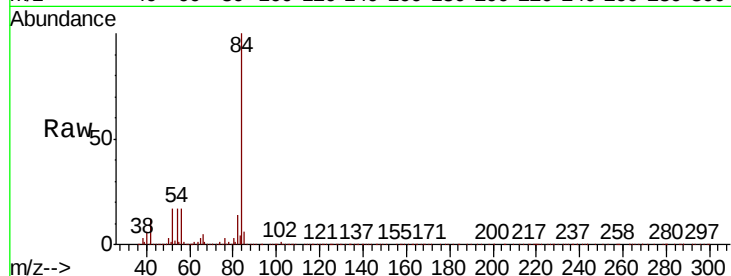




#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026581.D
Acq: 11 Apr 2019 22:25

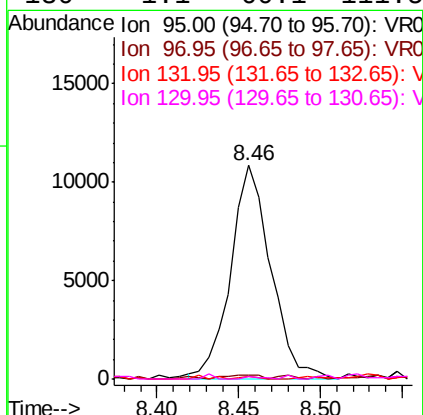
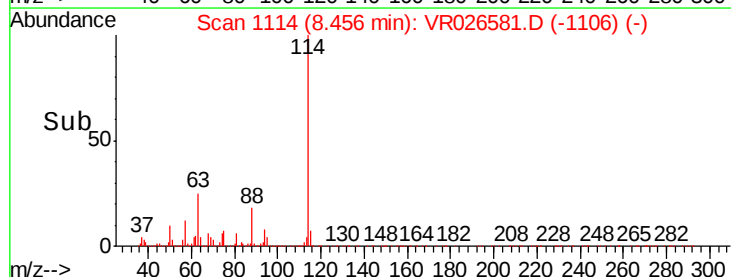
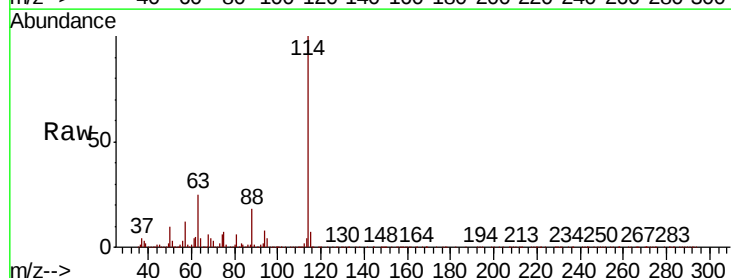
Instrument :
MSVOA_R
ClientSampled :
E3YB8

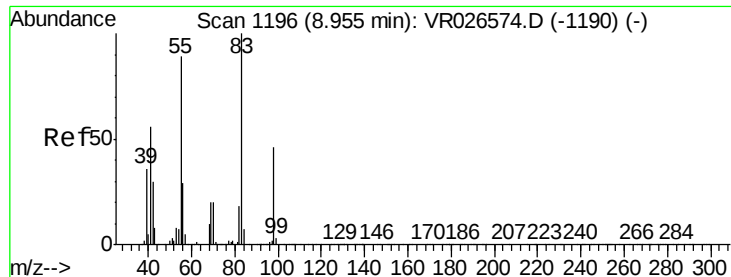
Tot Ion: 62 Resp: 5228
Ion Ratio Lower Upper
62 100
98 8.3 6.0 9.0



#34
Trichloroethene
Concen: 0.416 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026581.D
Acq: 11 Apr 2019 22:25

Tgt Ion: 95 Resp: 18544
Ion Ratio Lower Upper
95 100
97 1.7 39.1 72.7#
132 1.3 57.6 107.0#
130 1.1 60.1 111.5#

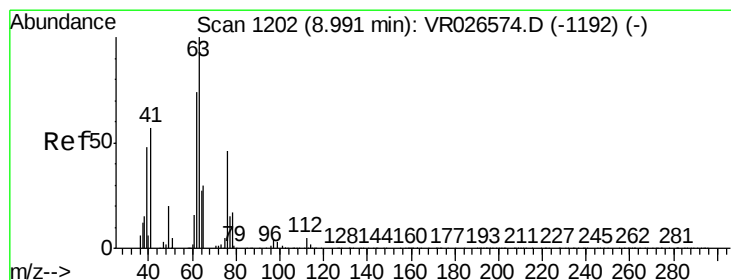
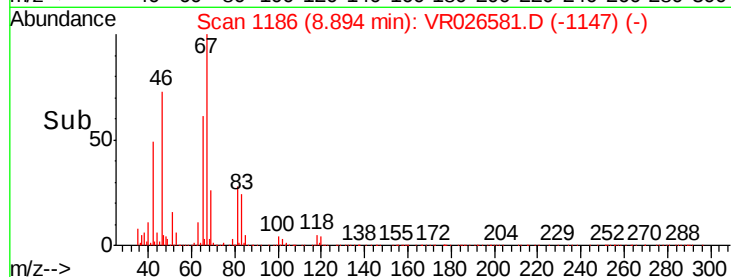
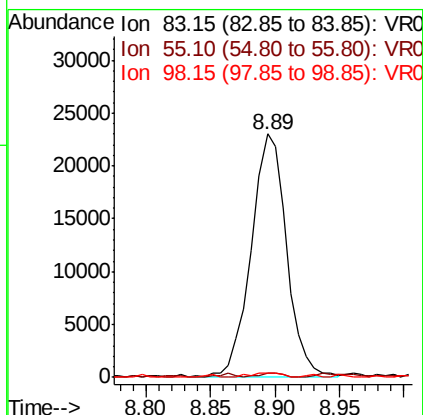
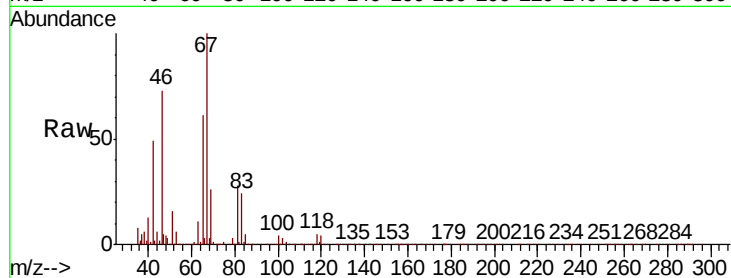




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026581.D
Acq: 11 Apr 2019 22:25

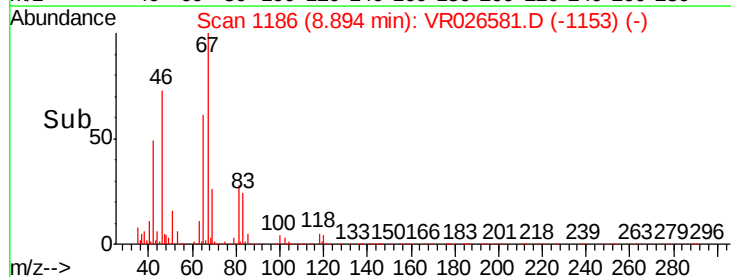
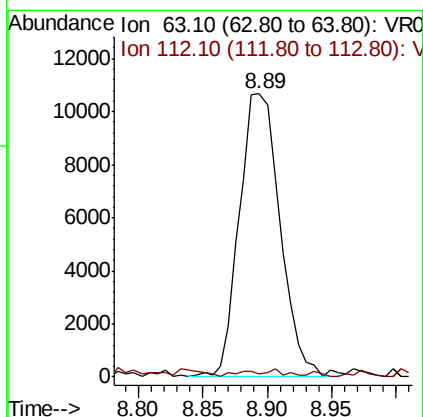
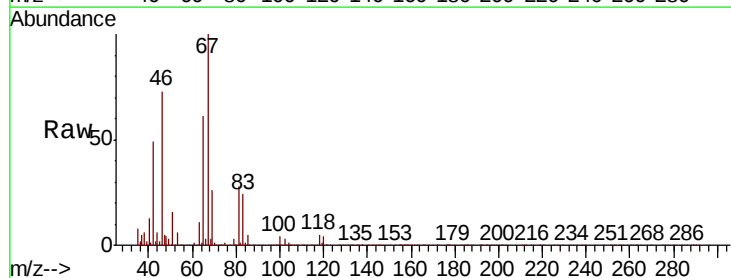
Instrument :
MSVOA_R
ClientSampleId :
E3YB8

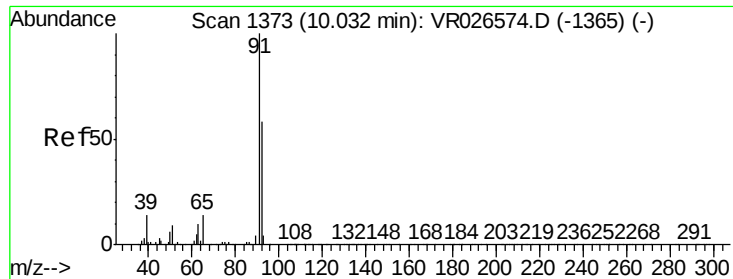
Tot Ion: 83 Resp: 43914
Ion Ratio Lower Upper
83 100
55 1.2 70.7 106.1#
98 1.7 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026581.D
Acq: 11 Apr 2019 22:25

Tgt Ion: 63 Resp: 23441
Ion Ratio Lower Upper
63 100
112 1.4 3.0 4.4#





#42

Toluene

Concen: 0.342 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR026581.D

Acq: 11 Apr 2019 22:25

Instrument :

MSVOA_R

ClientSampleId :

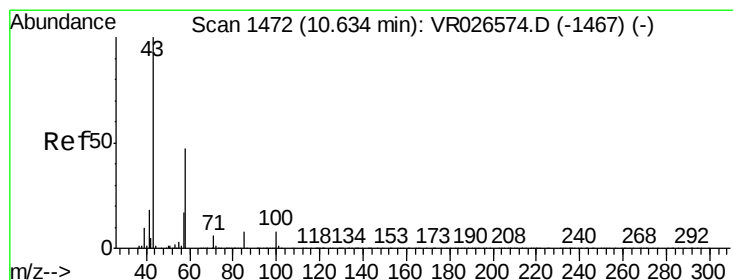
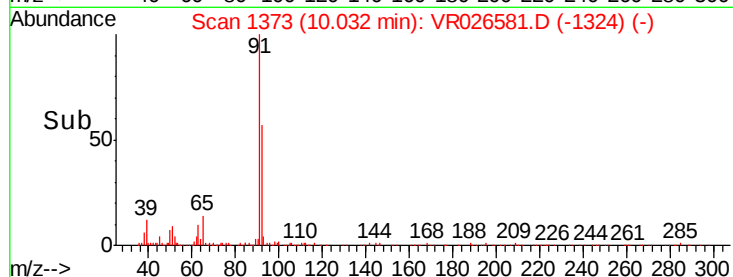
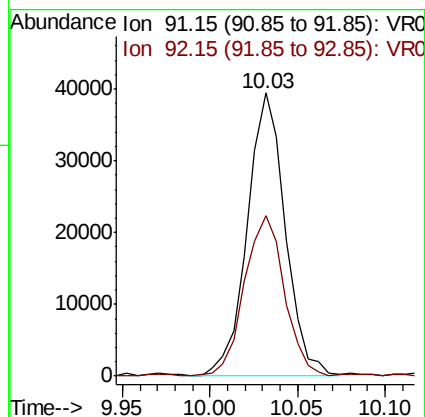
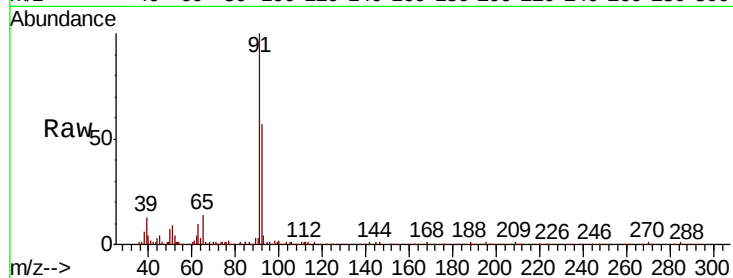
E3YB8

Tot Ion: 91 Resp: 59165

Ion Ratio Lower Upper

91 100

92 56.6 39.2 72.8



#48

2-Hexanone

Concen: 3.689 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026581.D

Acq: 11 Apr 2019 22:25

Tgt Ion: 43 Resp: 27914

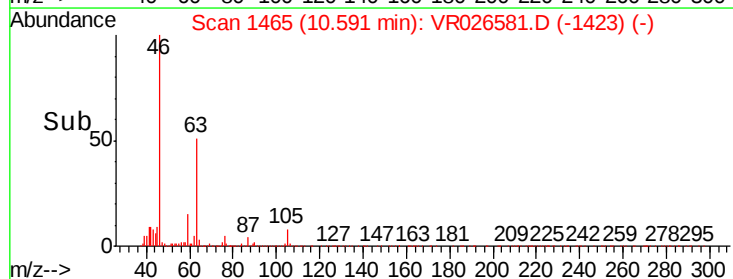
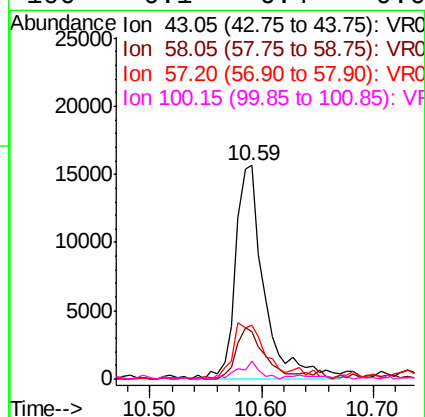
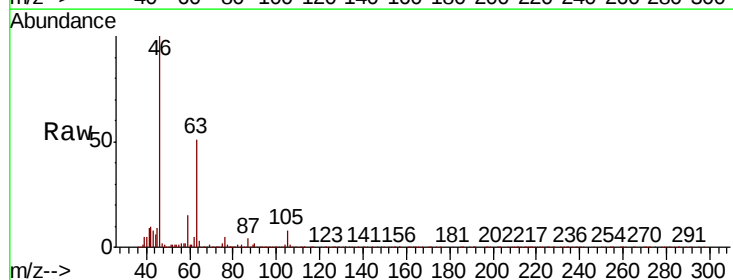
Ion Ratio Lower Upper

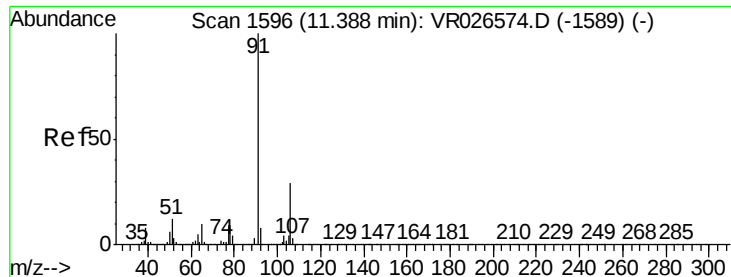
43 100

58 23.6 37.2 55.8#

57 28.7 13.4 20.0#

100 6.1 6.4 9.6#





#52

Ethylbenzene

Concen: 0.094 ug/L

RT: 11.39 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VR026581.D

Acq: 11 Apr 2019 22:25

Instrument :

MSVOA_R

ClientSampleId :

E3YB8

Tot Ion: 91 Resp: 18643

Ion Ratio Lower Upper

91 100

106 31.8 20.4 38.0

