

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059831.D
 Acq On : 3 Aug 2018 11:01
 Operator : VA/AP
 Sample : J4267-12RE
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

Quant Time: Aug 03 11:22:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	3951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	2956	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	1878	26.45	ug/l	-0.01
Spiked Amount				50.000		
Recovery						52.90%
35) Dibromofluoromethane	4.28	113	2051	66.80	ug/l	0.00
Spiked Amount				50.000		
Recovery						133.60%
50) Toluene-d8	7.70	98	631	8.81	ug/l	0.00
Spiked Amount				50.000		
Recovery						17.62%
62) 4-Bromofluorobenzene	11.52	95	5519	139.24	ug/l	0.00
Spiked Amount				50.000		
Recovery						278.48%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.06	85	60	Below Cal	#	44
3) Chloromethane	1.10	50	232	5.76	ug/l	38
4) Vinyl Chloride	1.17	62	89	Below Cal	#	1
5) Bromomethane	1.31	94	64	Below Cal	#	4
6) Chloroethane	1.25	64	85	1.50	ug/l	35
11) Tert butyl alcohol	2.70	59	68	22.42	ug/l	74
12) 1,1-Dichloroethene	1.90	96	97	3.17	ug/l	1
13) Acrolein	2.07	56	66	57.25	ug/l	4
14) Allyl chloride	2.17	41	82	1.68	ug/l	1
15) Acrylonitrile	3.04	53	69	15.10	ug/l	7
16) Acetone	2.30	43	261	20.44	ug/l	68
17) Carbon Disulfide	2.02	76	60	Below Cal	#	71
18) Methyl Acetate	2.47	43	139	2.27	ug/l	64
20) Methylene Chloride	2.29	84	81	Below Cal	#	50
23) Vinyl Acetate	3.36	43	289	5.44	ug/l	83
25) 2-Butanone	4.55	43	150	10.52	ug/l	74
26) 2,2-Dichloropropane	3.73	77	67	1.31	ug/l	66
27) cis-1,2-Dichloroethene	3.62	96	72	1.87	ug/l	1
28) Bromochloromethane	3.76	49	75	Below Cal	#	15
29) Tetrahydrofuran	4.26	42	87	15.88	ug/l	39
30) Chloroform	3.92	83	148	1.46	ug/l	20
31) Cyclohexane	3.85	56	60	Below Cal	#	15
36) 1,1-Dichloropropene	4.52	75	61	Below Cal	#	2
37) Ethyl Acetate	4.23	43	131	4.68	ug/l	19
38) Carbon Tetrachloride	4.13	117	63	1.34	ug/l	14
39) Methylcyclohexane	5.58	83	72	Below Cal	#	13
40) Benzene	4.77	78	186	3.12	ug/l	52
41) Methacrylonitrile	4.88	41	224	28.92	ug/l	24
42) 1,2-Dichloroethane	5.13	62	64	1.53	ug/l	85
43) Isopropyl Acetate	7.10	43	84	4.75	ug/l	46
45) 1,2-Dichloropropane	6.44	63	77	4.88	ug/l	43
46) Dibromomethane	6.22	93	78	5.21	ug/l	8
47) Bromodichloromethane	6.49	83	64	1.57	ug/l	25
48) Methyl methacrylate	6.82	41	523	39.34	ug/l	43

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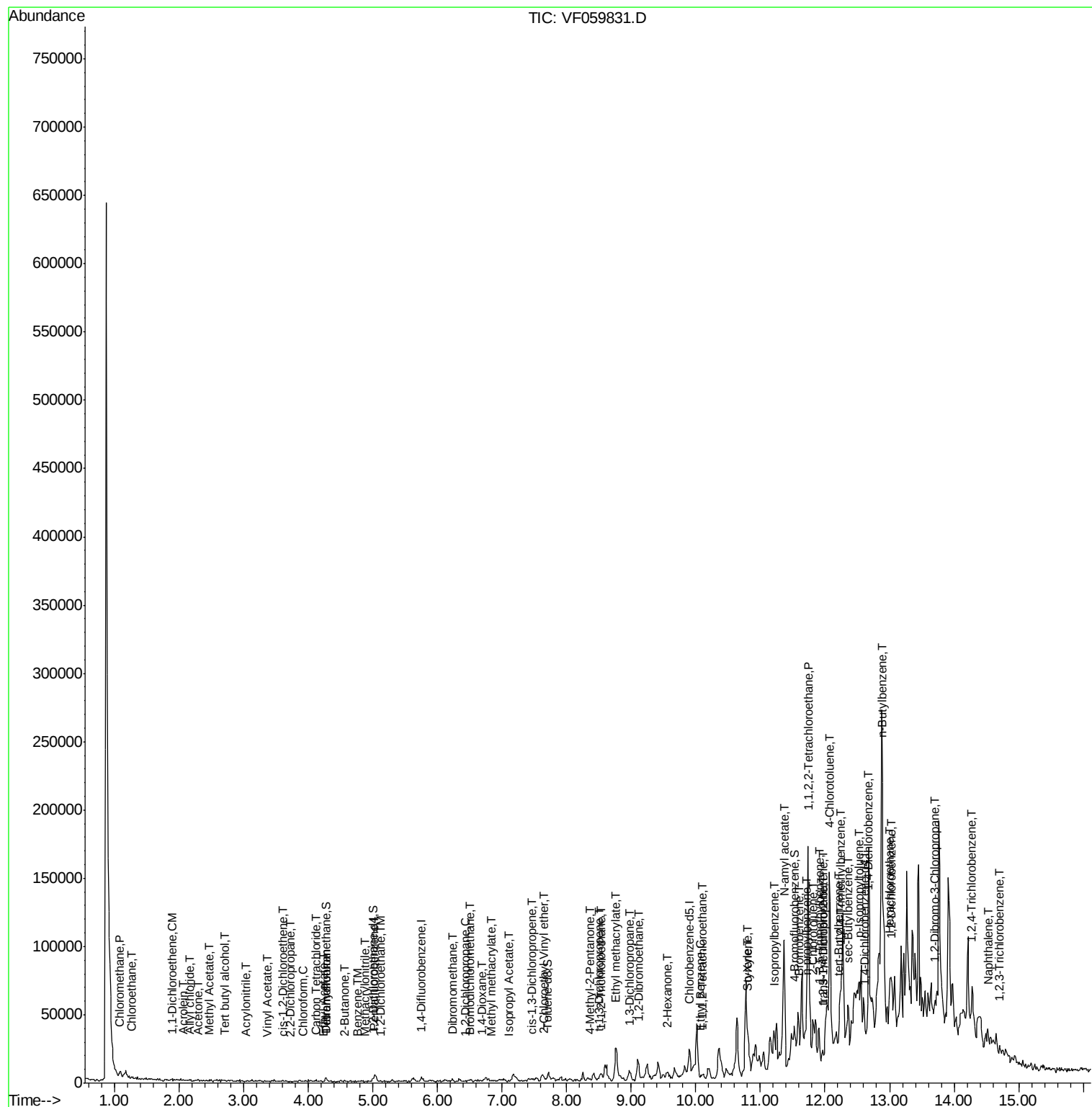
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	6.68	88	66	775.15	ug/l #	1
51) 4-Methyl-2-Pentanone	8.36	43	336	24.99	ug/l #	42
53) t-1,3-Dichloropropene	8.50	75	106	3.00	ug/l #	41
54) cis-1,3-Dichloropropene	7.44	75	79	2.31	ug/l #	16
55) 1,1,2-Trichloroethane	8.54	97	702	43.42	ug/l #	38
56) Ethyl methacrylate	8.76	69	10614	629.51	ug/l #	71
57) 1,3-Dichloropropane	8.98	76	73	2.63	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.66	63	72	36.99	ug/l	100
59) 2-Hexanone	9.54	43	1283	119.07	ug/l #	30
61) 1,2-Dibromoethane	9.13	107	62	3.28	ug/l #	4
66) 1,1,1,2-Tetrachloroethane	10.10	131	65	11.32	ug/l #	9
67) Ethyl Benzene	10.07	91	76	3.57	ug/l #	46
69) o-Xylene	10.81	106	500	63.75	ug/l	31
70) Styrene	10.82	104	121	10.18	ug/l #	63
73) Isopropylbenzene	11.21	105	249	10.01	ug/l #	50
74) N-amyl acetate	11.36	43	8822	1406.13	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.75	83	9480	2025.15	ug/l #	64
76) 1,2,3-Trichloropropane	11.98	75	63	15.83	ug/l #	1
77) Bromobenzene	11.60	156	83	12.78	ug/l #	5
78) n-propylbenzene	11.70	91	700	24.95	ug/l #	54
79) 2-Chlorotoluene	11.81	91	692	42.48	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.91	105	4411	241.35	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.98	75	63	38.22	ug/l #	1
82) 4-Chlorotoluene	12.07	91	574	32.06	ug/l	89
83) tert-Butylbenzene	12.21	119	426	19.08	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.24	105	425	18.37	ug/l	92
85) sec-Butylbenzene	12.37	105	1786	72.76	ug/l #	70
86) p-Isopropyltoluene	12.53	119	11172	561.76	ug/l	94
88) 1,4-Dichlorobenzene	12.66	146	69	2.57	ug/l #	1
89) n-Butylbenzene	12.90	91	4294	224.33	ug/l #	8
90) Hexachloroethane	12.99	117	684	109.05	ug/l #	18
91) 1,2-Dichlorobenzene	13.04	146	66	2.19	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.68	75	203	177.39	ug/l #	44
93) 1,2,4-Trichlorobenzene	14.27	180	491	60.48	ug/l #	13
95) Naphthalene	14.52	128	845	51.71	ug/l #	14
96) 1,2,3-Trichlorobenzene	14.69	180	523	57.91	ug/l #	13

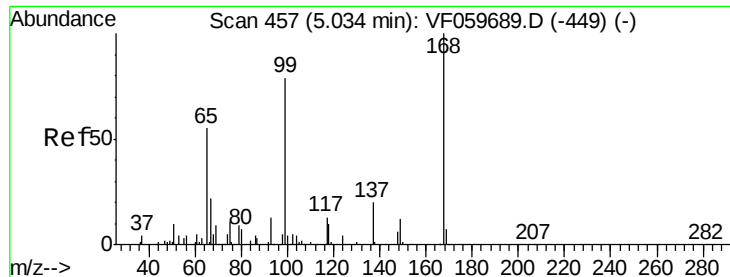
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

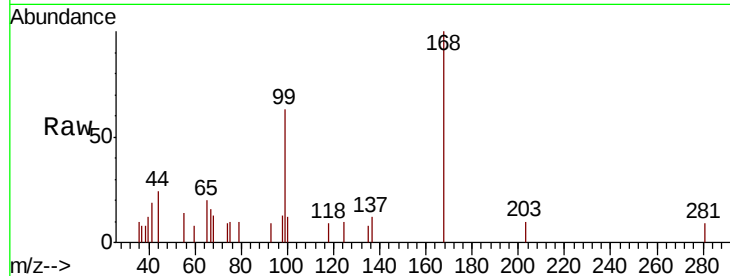
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

Tot Ion:168 Resp: 3951

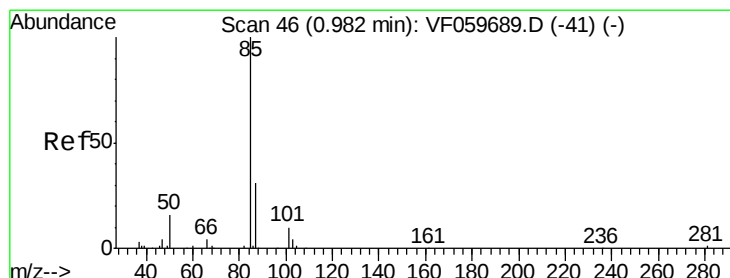
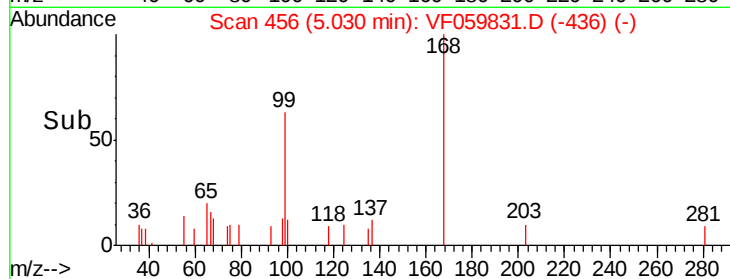
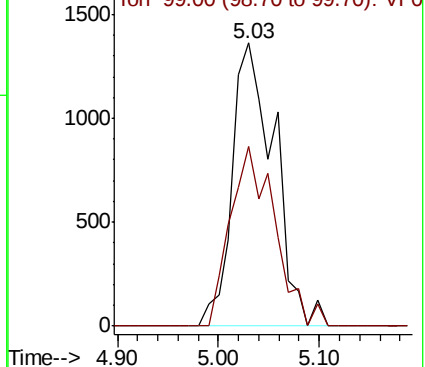
Ion Ratio Lower Upper

168 100

99 63.3 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.06 min Scan# 53

Delta R.T. 0.08 min

Lab File: VF059831.D

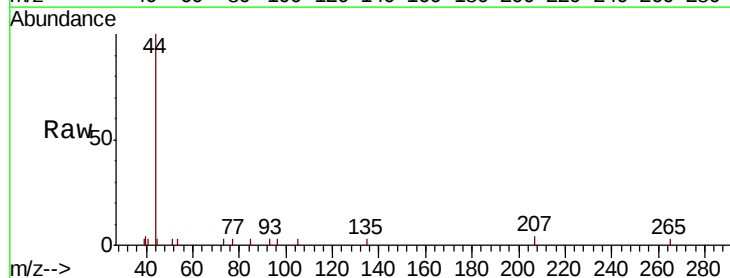
Acq: 3 Aug 2018 11:01

Tgt Ion: 85 Resp: 60

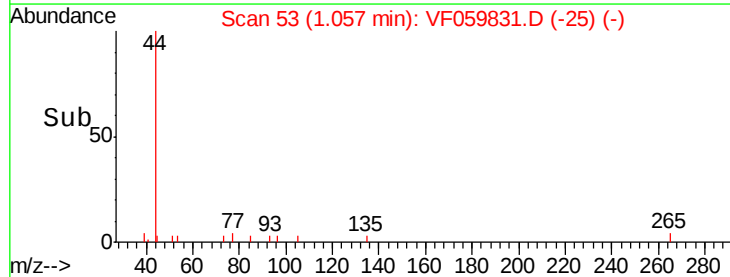
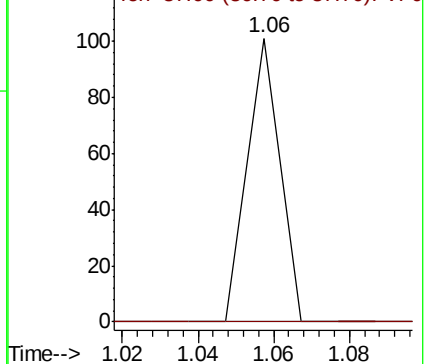
Ion Ratio Lower Upper

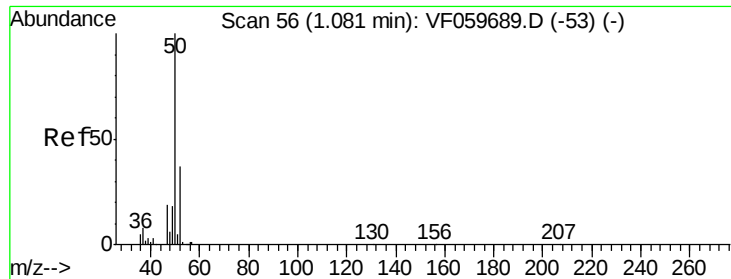
85 100

87 0.0 15.3 45.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 5.76 ug/l

RT: 1.10 min Scan# 57

Delta R.T. 0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

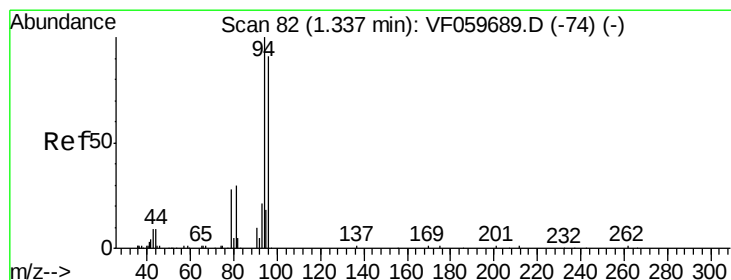
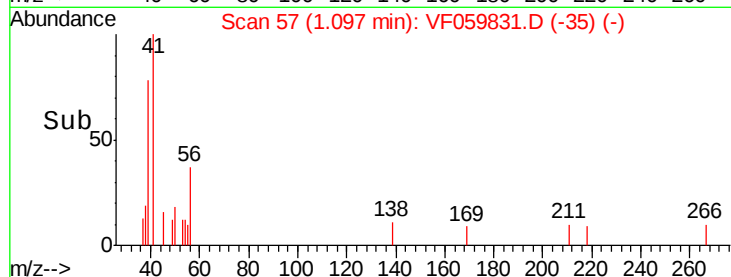
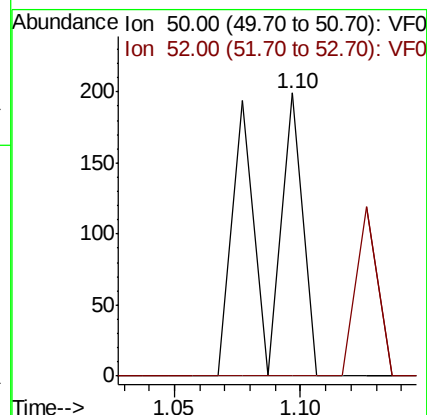
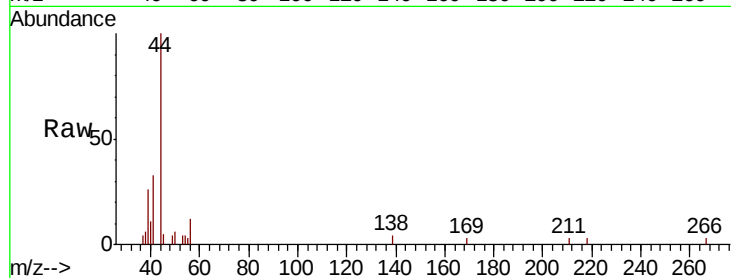
UST-SRE

Tot Ion: 50 Resp: 232

Ion Ratio Lower Upper

50 100

52 0.0 29.1 43.7#



#5

Bromomethane

Concen: Below Cal

RT: 1.31 min Scan# 79

Delta R.T. -0.02 min

Lab File: VF059831.D

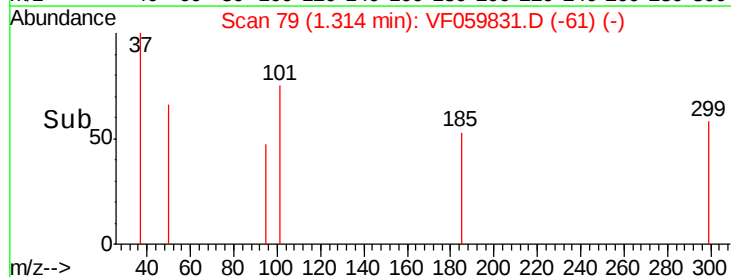
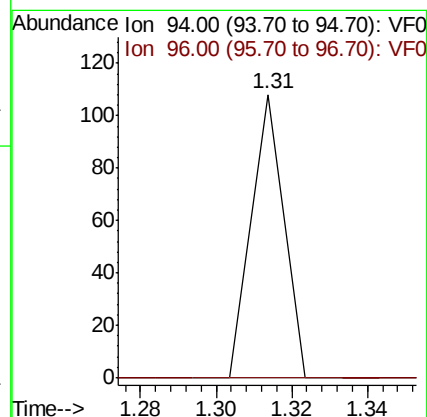
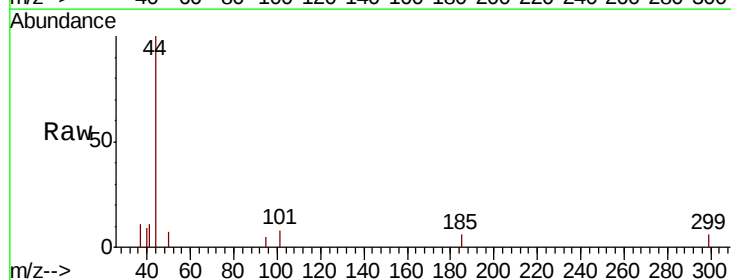
Acq: 3 Aug 2018 11:01

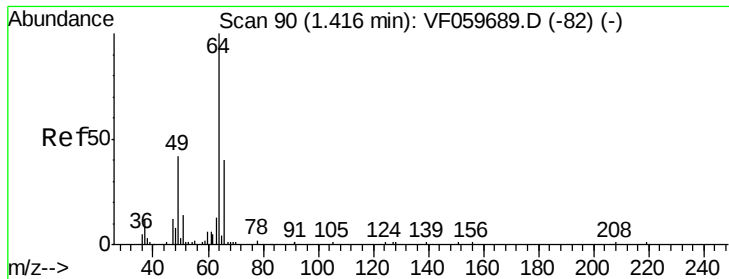
Tgt Ion: 94 Resp: 64

Ion Ratio Lower Upper

94 100

96 0.0 73.6 110.4#





#6

Chloroethane

Concen: 1.50 ug/l

RT: 1.25 min Scan# 73

Delta R.T. -0.16 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

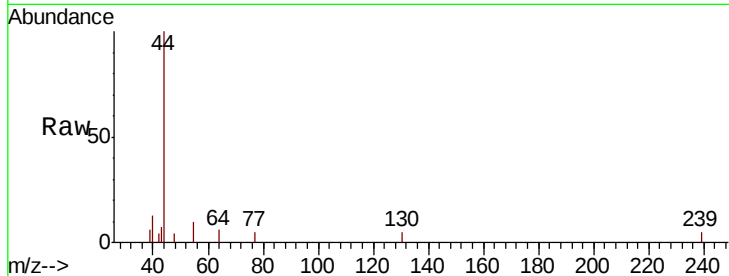
UST-SRE

Tot Ion: 64 Resp: 85

Ion Ratio Lower Upper

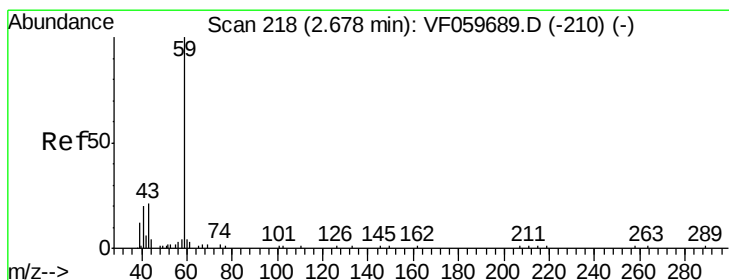
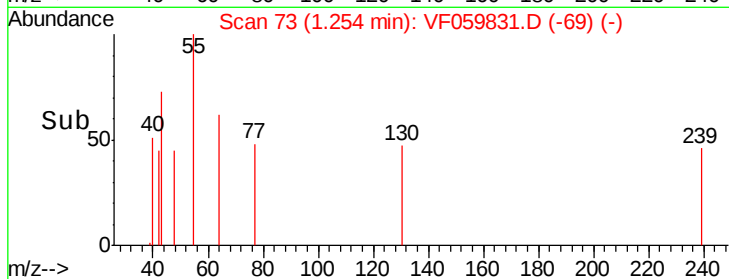
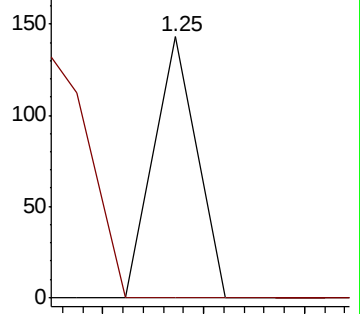
64 100

66 0.0 32.6 49.0#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#11

Tert butyl alcohol

Concen: 22.42 ug/l

RT: 2.70 min Scan# 220

Delta R.T. 0.03 min

Lab File: VF059831.D

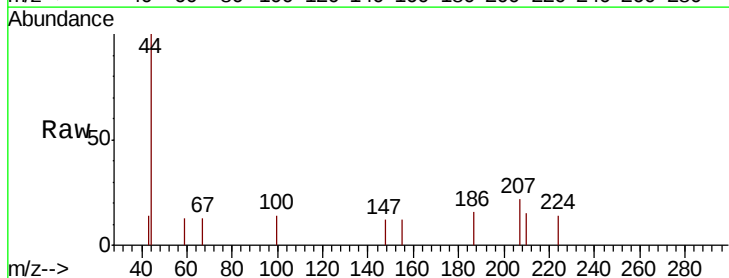
Acq: 3 Aug 2018 11:01

Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

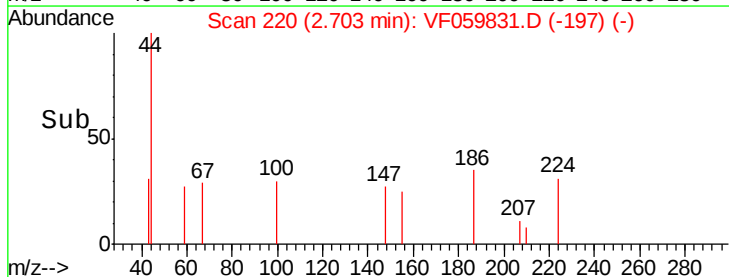
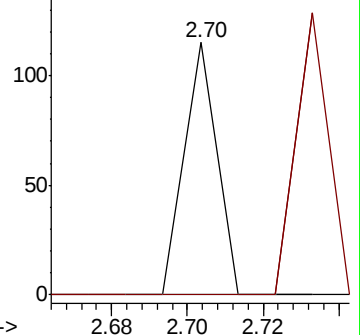
59 100

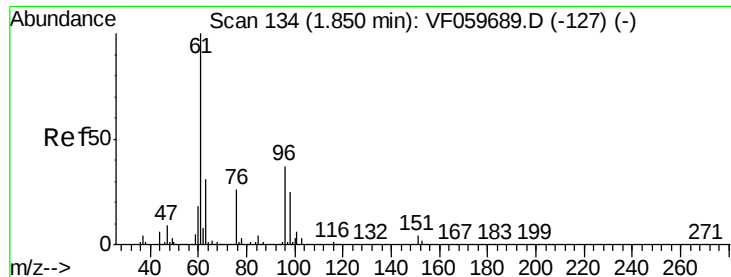
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0





#12

1,1-Dichloroethene

Concen: 3.17 ug/l

RT: 1.90 min Scan# 138

Delta R.T. 0.05 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

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ClientSampleId :

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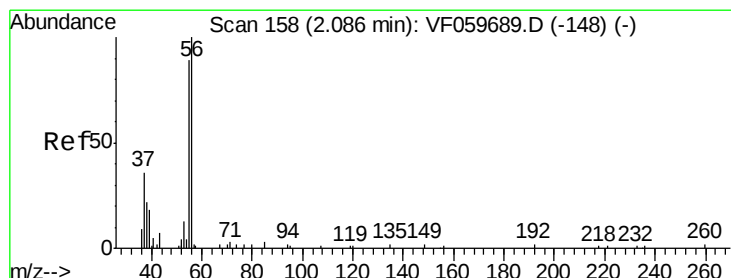
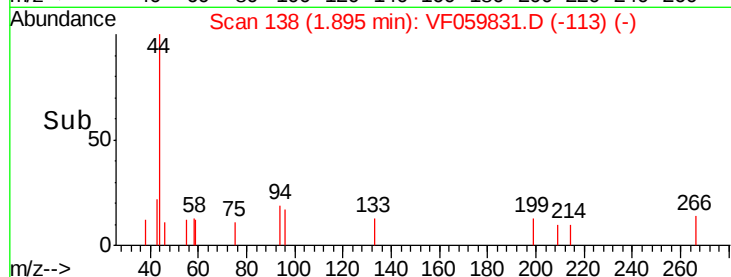
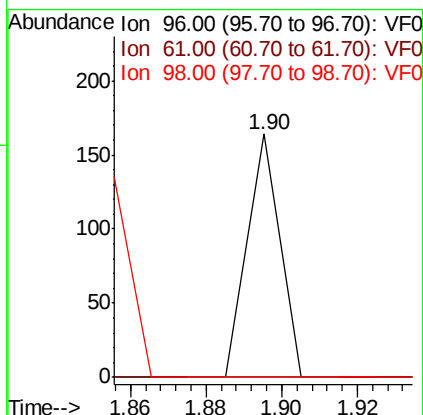
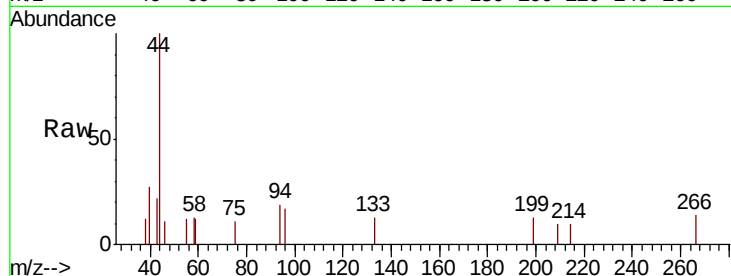
Tot Ion: 96 Resp: 97

Ion Ratio Lower Upper

96 100

61 0.0 215.1 322.7#

98 0.0 54.3 81.5#



#13

Acrolein

Concen: 57.25 ug/l

RT: 2.07 min Scan# 156

Delta R.T. -0.01 min

Lab File: VF059831.D

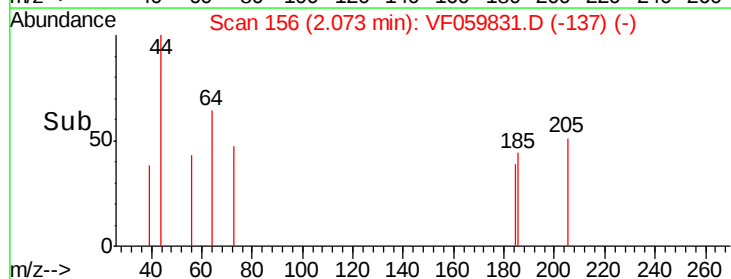
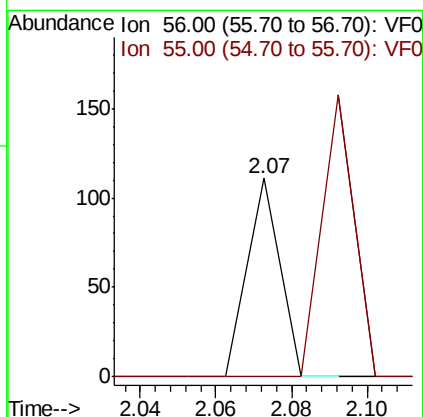
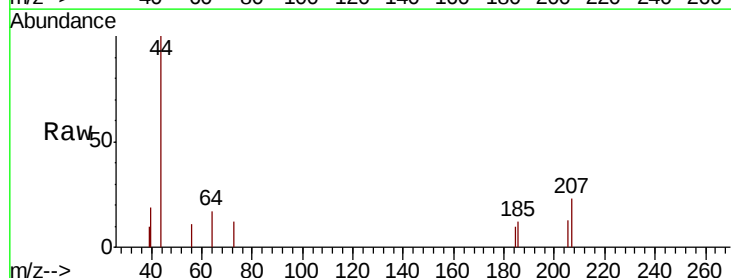
Acq: 3 Aug 2018 11:01

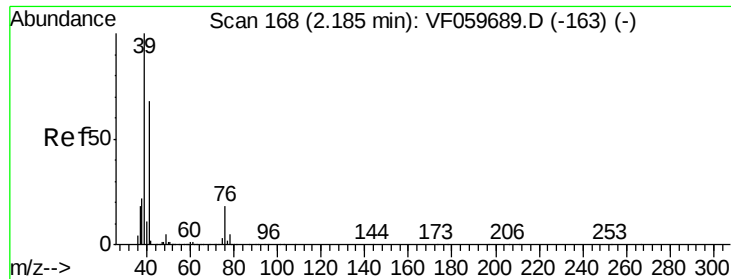
Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 73.2 109.8#

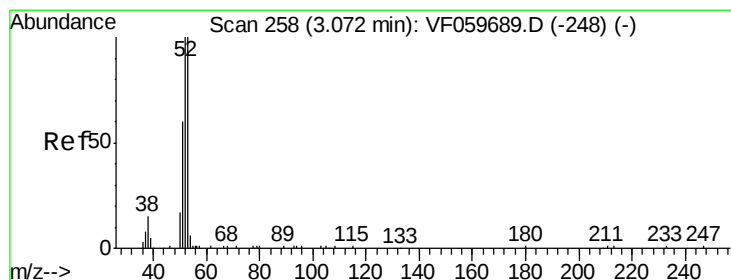
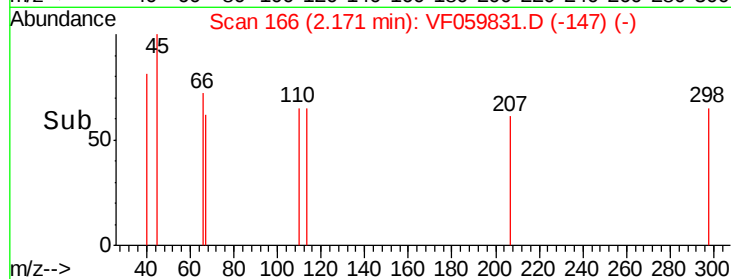
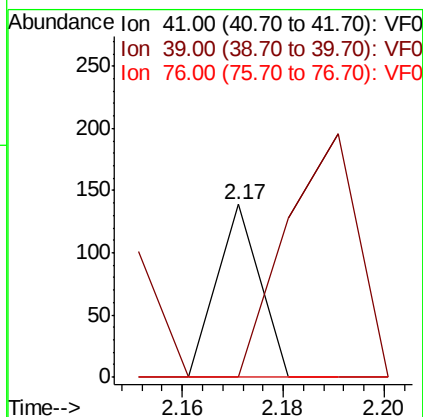
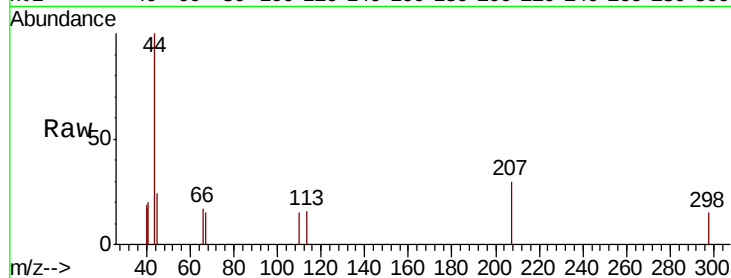




#14
Allvl chloride
Concen: 1.68 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.01 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

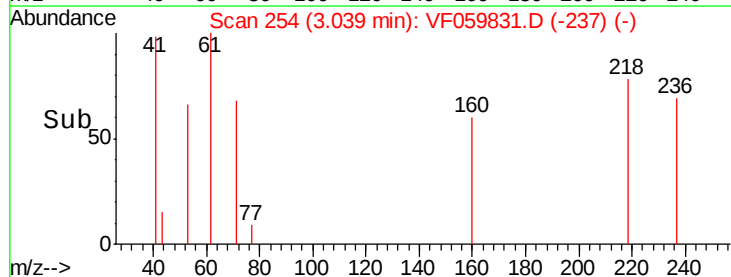
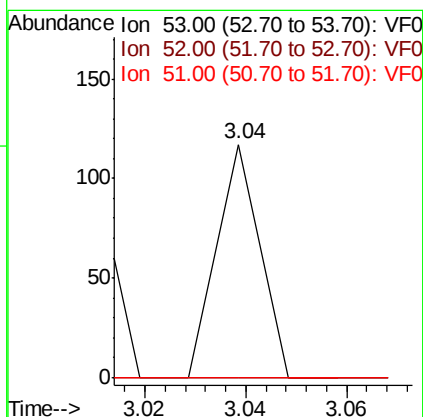
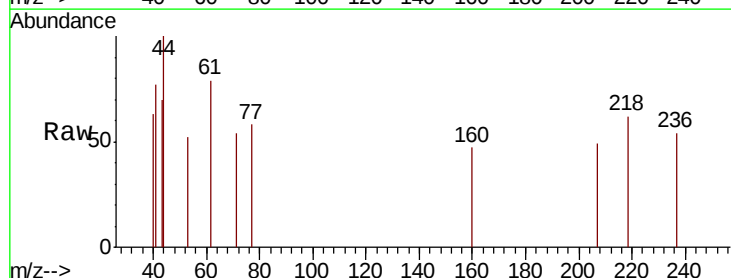
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ClientSampled :
UST-SRE

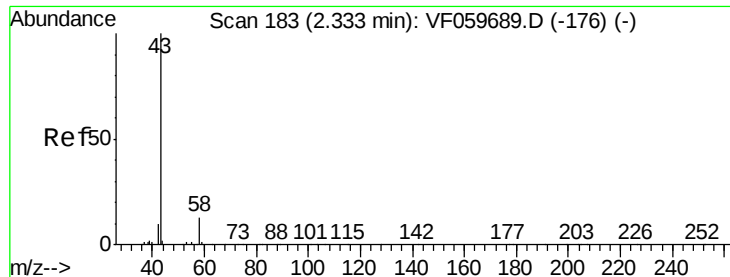
Tot Ion: 41 Resp: 82
Ion Ratio Lower Upper
41 100
39 0.0 118.1 177.1#
76 0.0 22.0 33.0#



#15
Acrylonitrile
Concen: 15.10 ug/l
RT: 3.04 min Scan# 254
Delta R.T. -0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 53 Resp: 69
Ion Ratio Lower Upper
53 100
52 0.0 80.3 120.5#
51 0.0 49.4 74.0#





#16

Acetone

Concen: 20.44 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.03 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

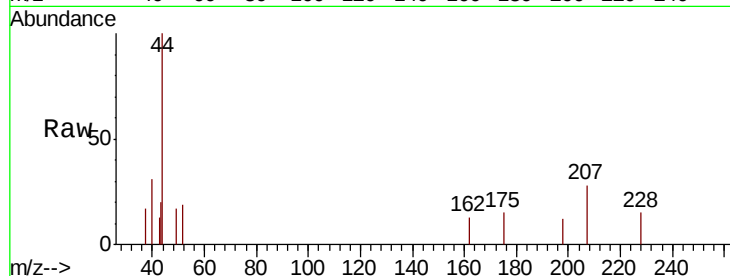
UST-SRE

Tot Ion: 43 Resp: 261

Ion Ratio Lower Upper

43 100

58 0.0 10.1 15.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.30

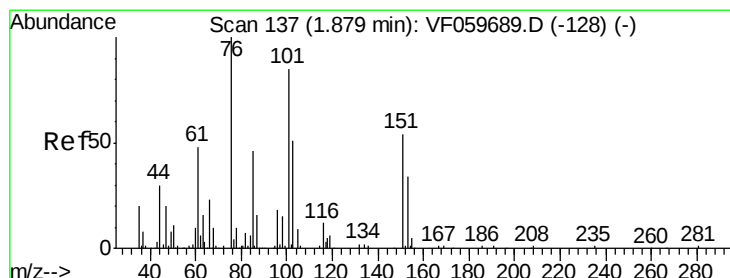
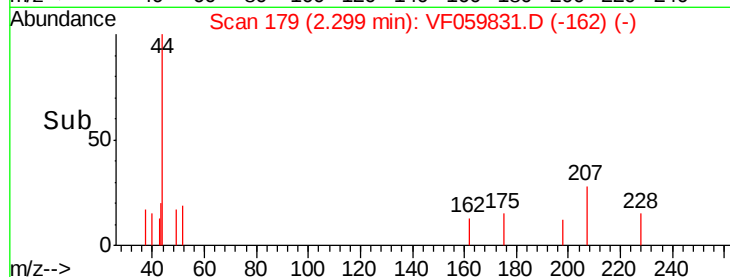
150

100

50

0

Time--> 2.25 2.30 2.35



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.02 min Scan# 151

Delta R.T. 0.14 min

Lab File: VF059831.D

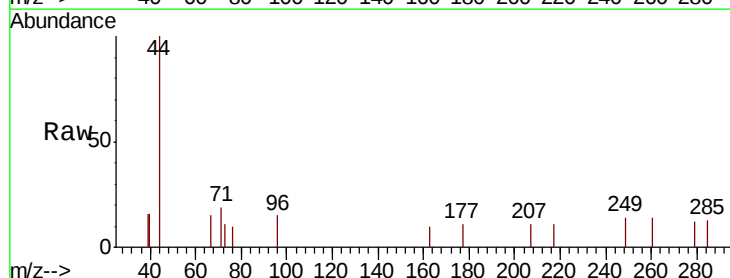
Acq: 3 Aug 2018 11:01

Tgt Ion: 76 Resp: 60

Ion Ratio Lower Upper

76 100

78 0.0 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

120

100

80

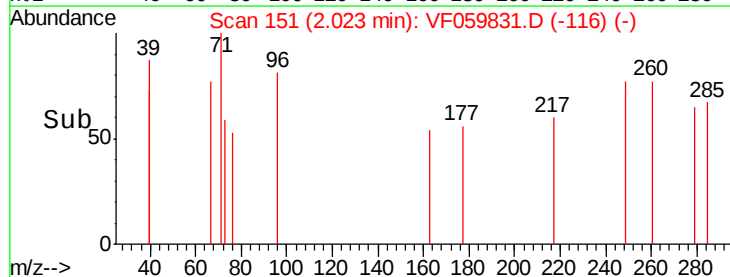
60

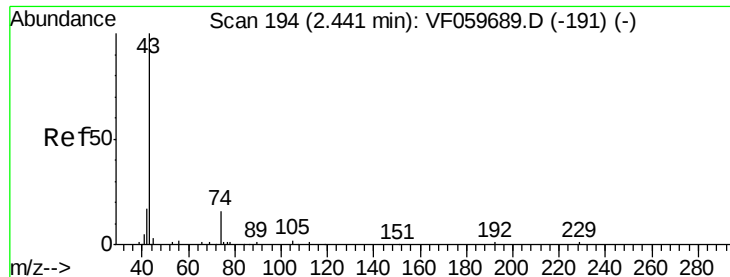
40

20

0

Time--> 2.00 2.02 2.04

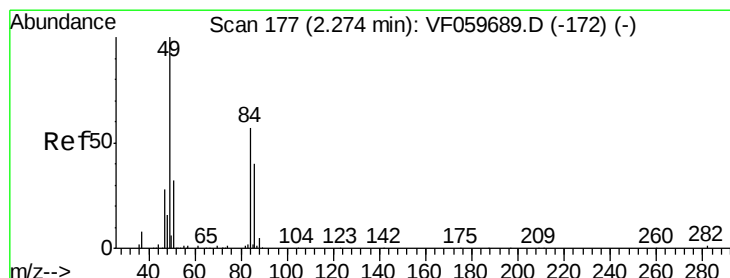
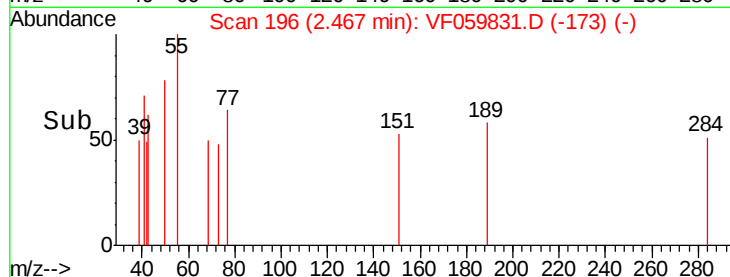
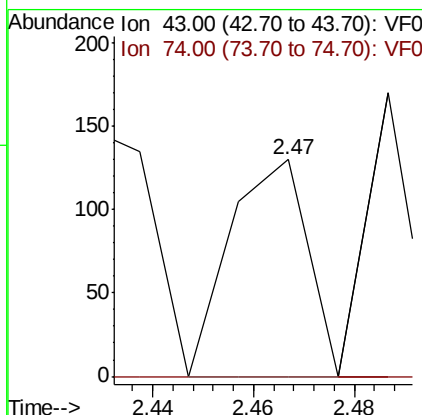
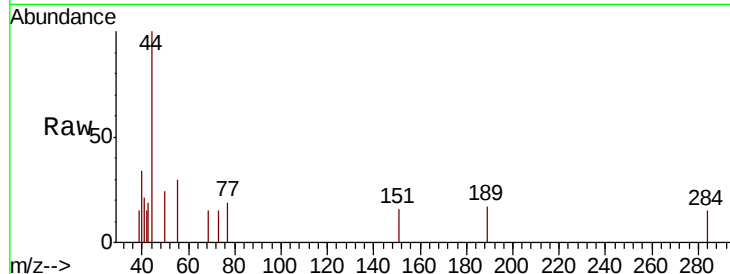




#18
Methyl Acetate
Concen: 2.27 ug/l
RT: 2.47 min Scan# 196
Delta R.T. 0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

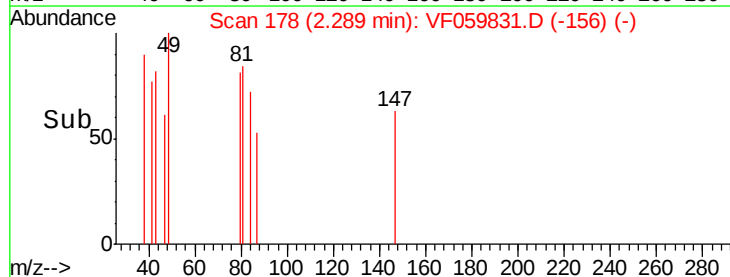
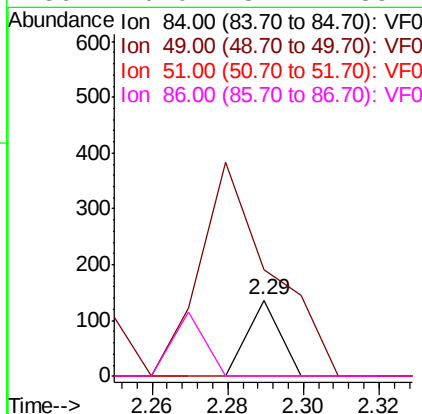
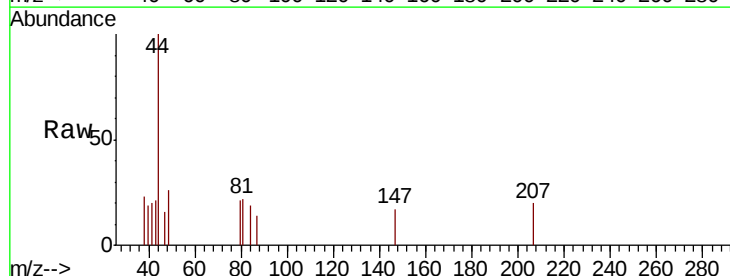
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

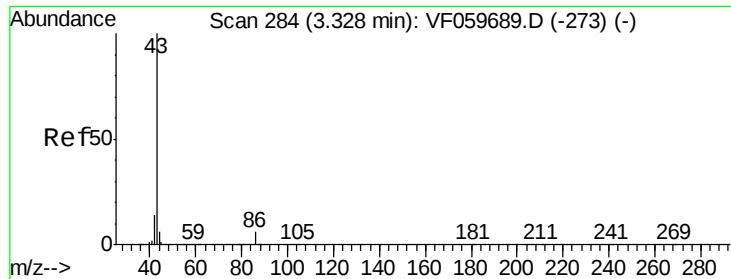
Tot Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.02 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 84 Resp: 81
Ion Ratio Lower Upper
84 100
49 139.4 142.2 213.4#
51 0.0 46.2 69.2#
86 0.0 57.1 85.7#





#23

Vinyl Acetate

Concen: 5.44 ug/l

RT: 3.36 min Scan# 287

Delta R.T. 0.04 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

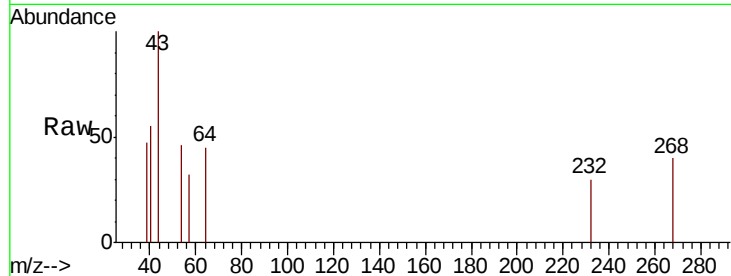
UST-SRE

Tot Ion: 43 Resp: 289

Ion Ratio Lower Upper

43 100

86 0.0 4.6 6.8#



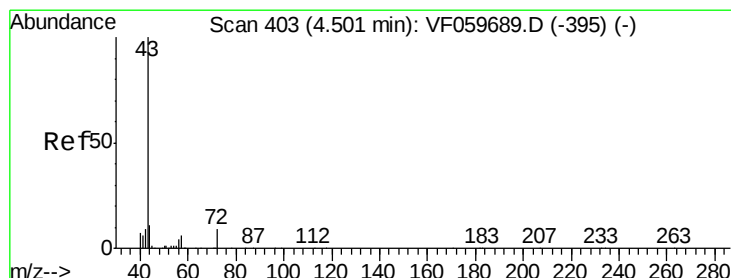
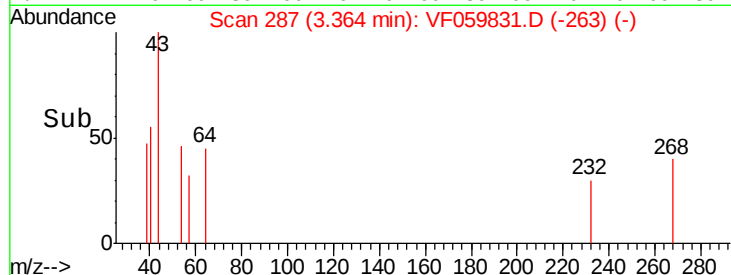
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.36

3.38

Time-->



#25

2-Butanone

Concen: 10.52 ug/l

RT: 4.55 min Scan# 407

Delta R.T. 0.05 min

Lab File: VF059831.D

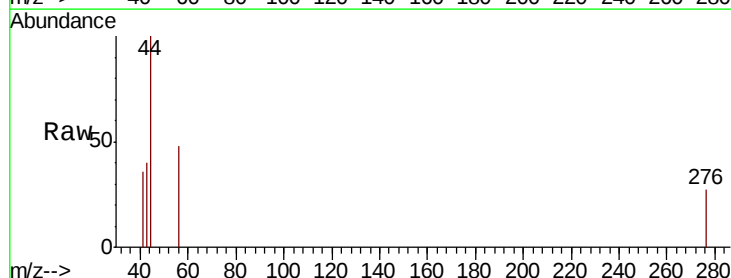
Acq: 3 Aug 2018 11:01

Tgt Ion: 43 Resp: 150

Ion Ratio Lower Upper

43 100

72 0.0 7.7 11.5#



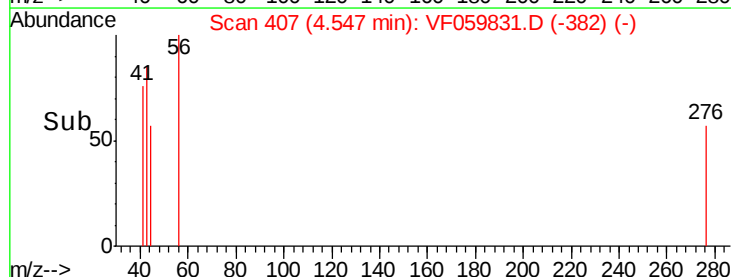
Abundance Ion 43.00 (42.70 to 43.70): VF0

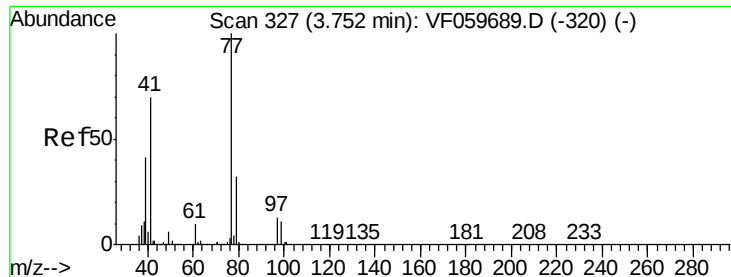
Ion 72.00 (71.70 to 72.70): VF0

4.55

4.58

Time-->





#26

2,2-Dichloropropane

Concen: 1.31 ug/l

RT: 3.73 min Scan# 324

Delta R.T. -0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampled :

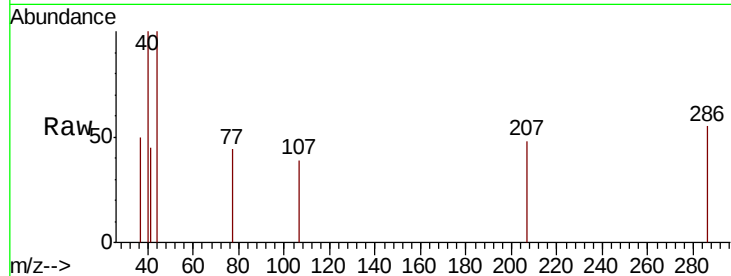
UST-SRE

Tot Ion: 77 Resp: 67

Ion Ratio Lower Upper

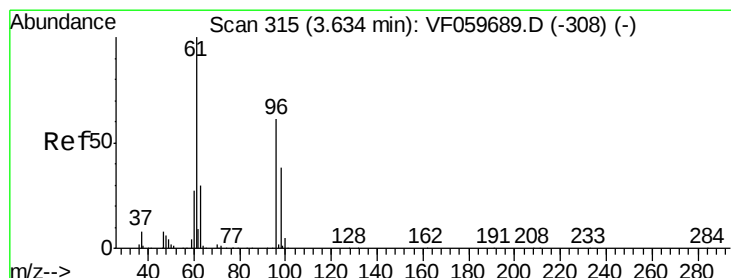
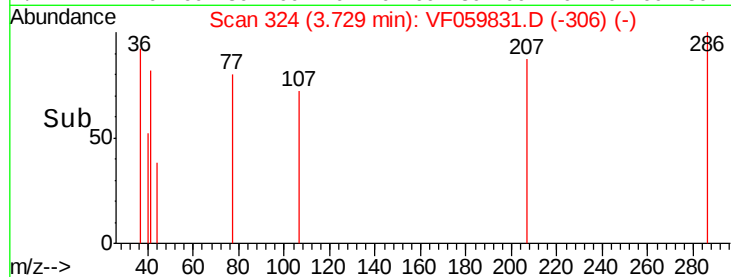
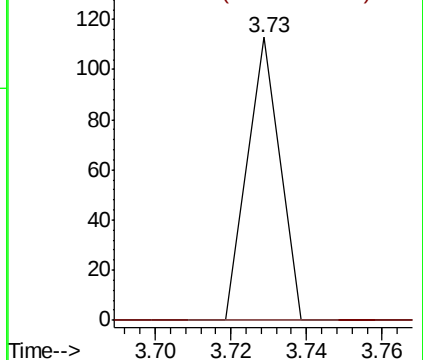
77 100

97 0.0 6.8 20.4#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#27

cis-1,2-Dichloroethene

Concen: 1.87 ug/l

RT: 3.62 min Scan# 313

Delta R.T. -0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

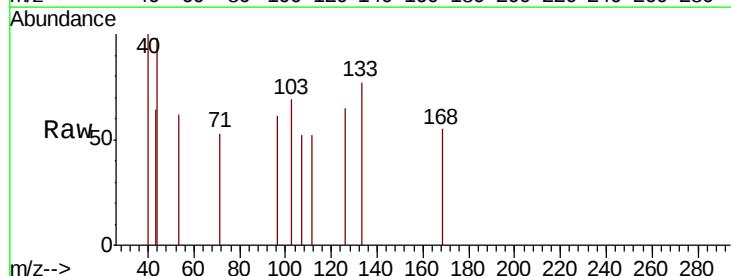
Tgt Ion: 96 Resp: 72

Ion Ratio Lower Upper

96 100

61 0.0 0.0 326.8

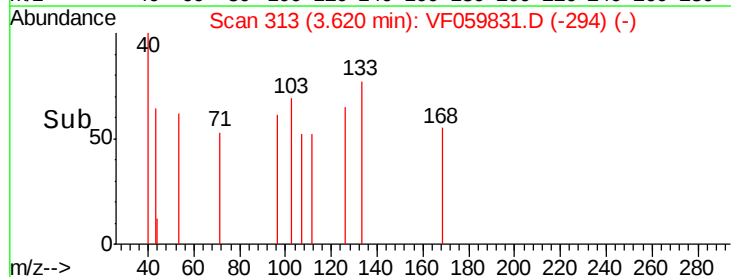
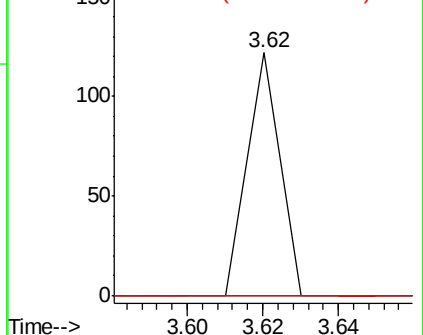
98 0.0 0.0 125.2

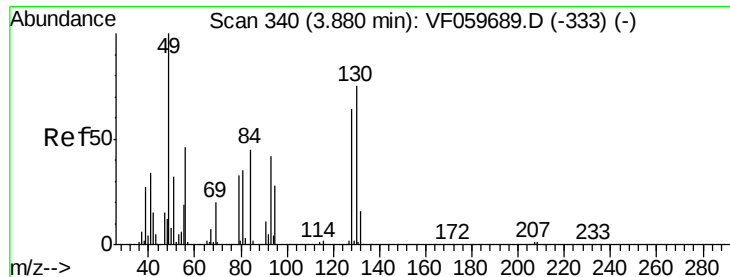


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#28

Bromochloromethane

Concen: Below Cal

RT: 3.76 min Scan# 327

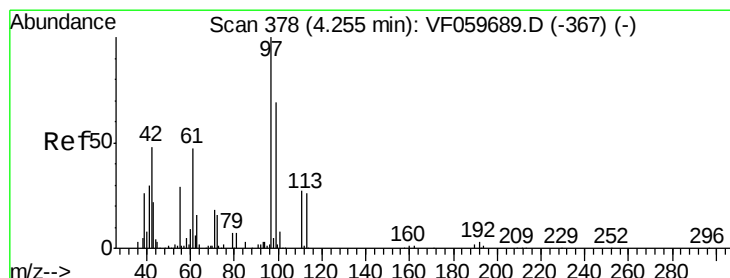
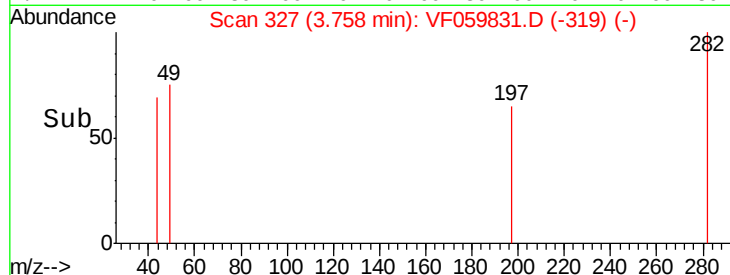
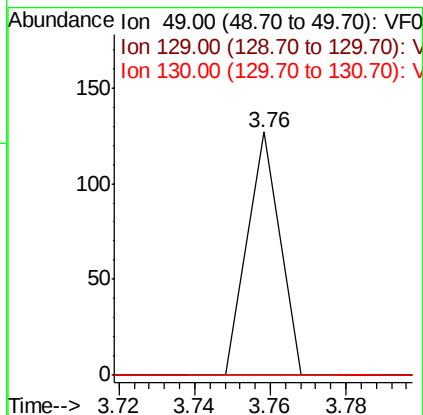
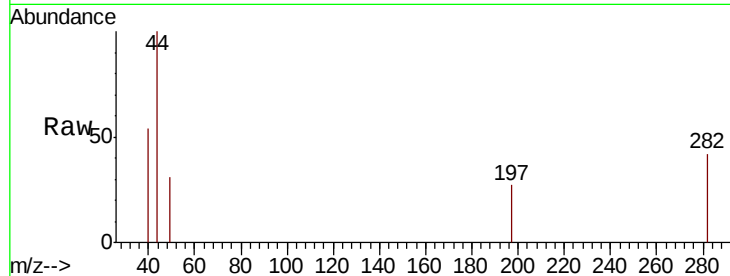
Delta R.T. -0.12 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

Tot Ion:	49	Resp:	75
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	0.0	59.6	89.4#



#29

Tetrahydrofuran

Concen: 15.88 ug/l

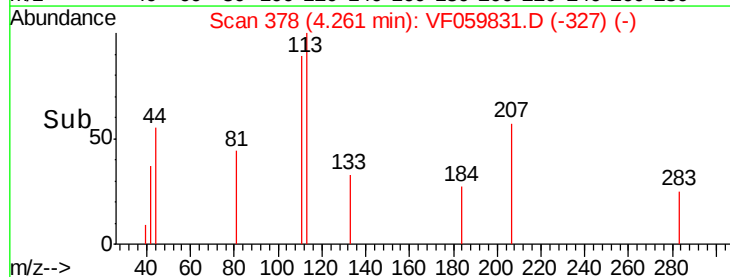
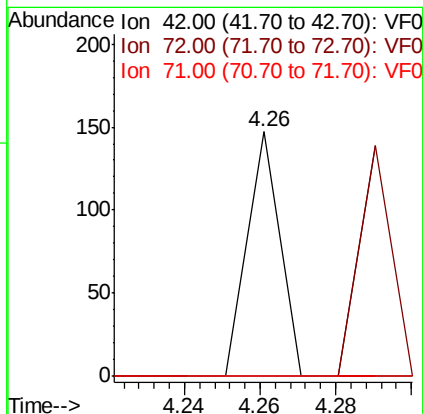
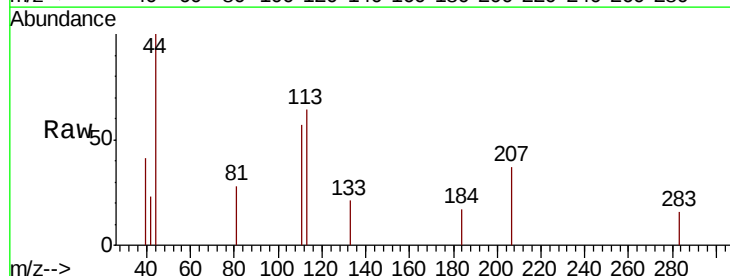
RT: 4.26 min Scan# 378

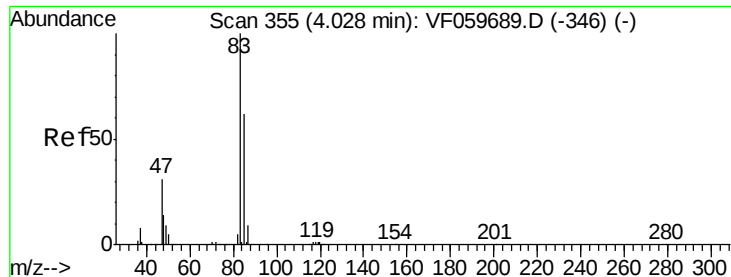
Delta R.T. 0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Tgt Ion:	42	Resp:	87
Ion	Ratio	Lower	Upper
42	100		
72	0.0	27.0	40.6#
71	0.0	29.7	44.5#





#30

Chloroform

Concen: 1.46 ug/l

RT: 3.92 min Scan# 343

Delta R.T. -0.11 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampled :

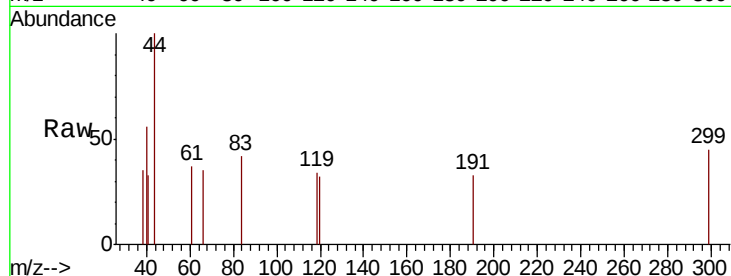
UST-SRE

Tot Ion: 83 Resp: 148

Ion Ratio Lower Upper

83 100

85 0.0 49.4 74.0#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

3.92

150

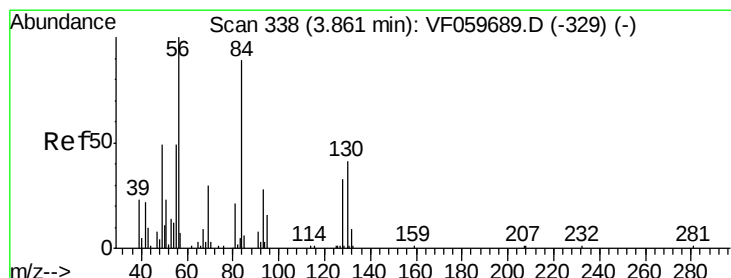
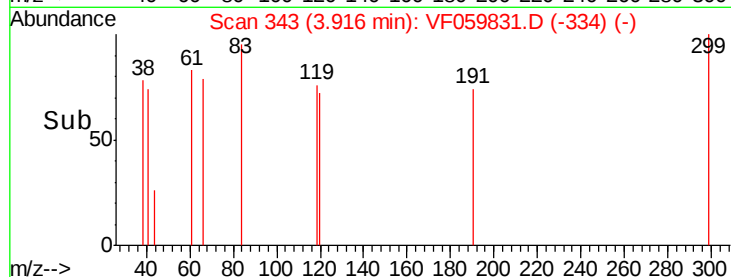
100

50

0

3.88 3.90 3.92 3.94 3.96

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 3.85 min Scan# 336

Delta R.T. -0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

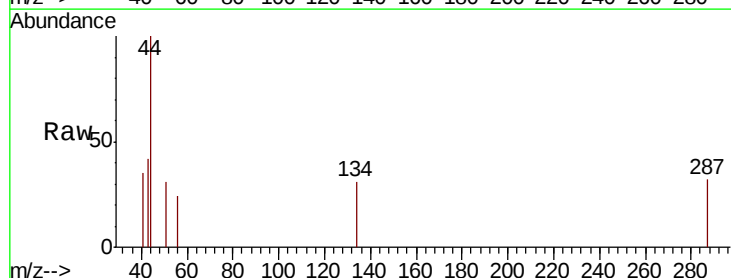
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

84 0.0 71.1 106.7#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0

300

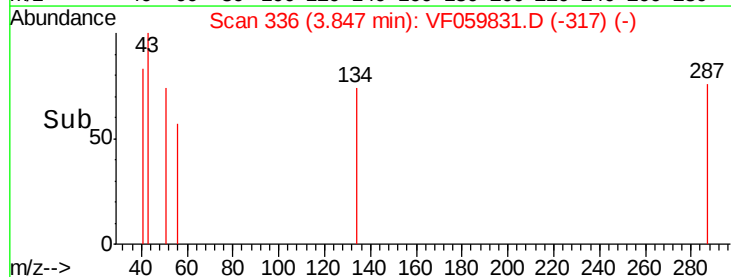
200

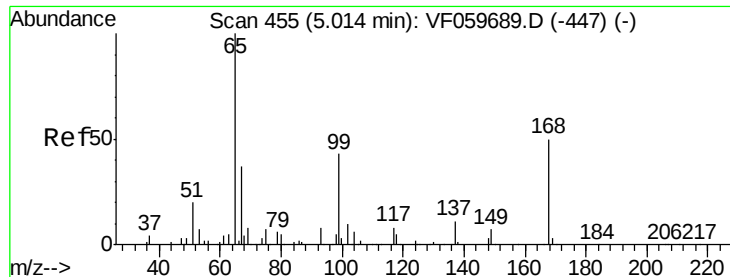
100

0

3.82 3.84 3.86 3.88

Time-->

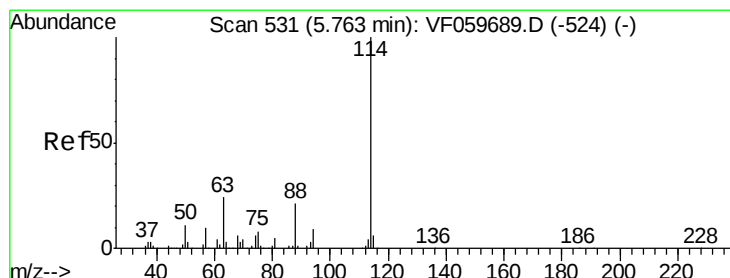
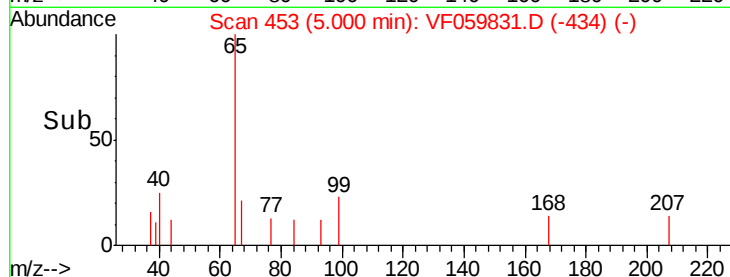
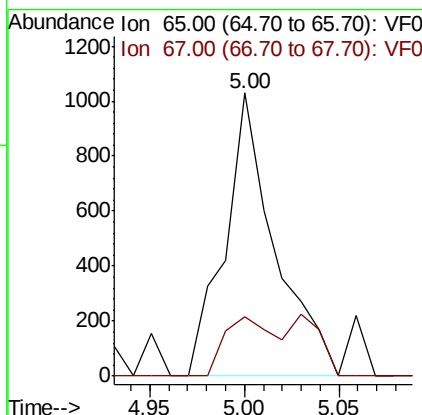
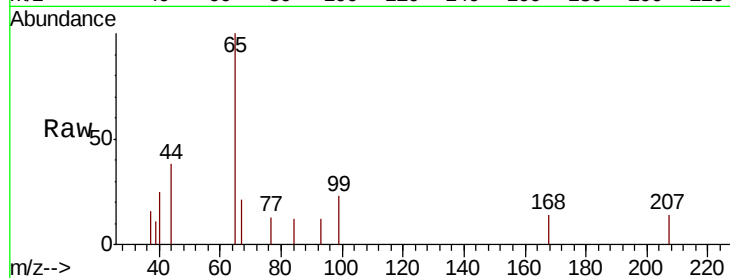




#33
 1,2-Dichloroethane-d4
 Concen: 26.45 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

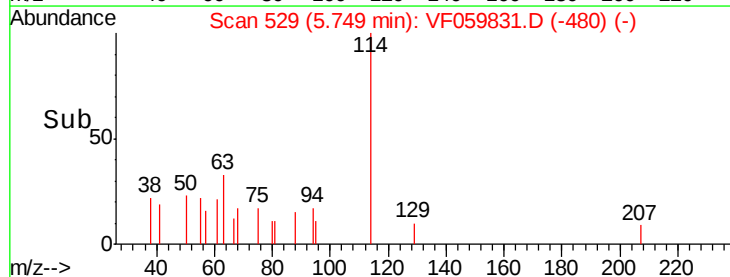
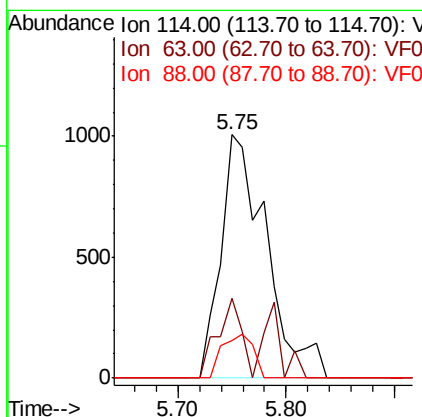
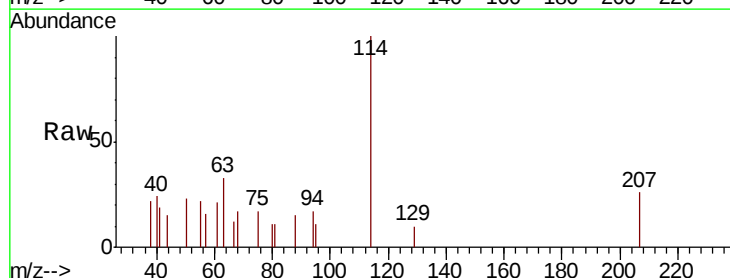
Instrument :
 MSVOA_F
 ClientSampleID :
 UST-SRE

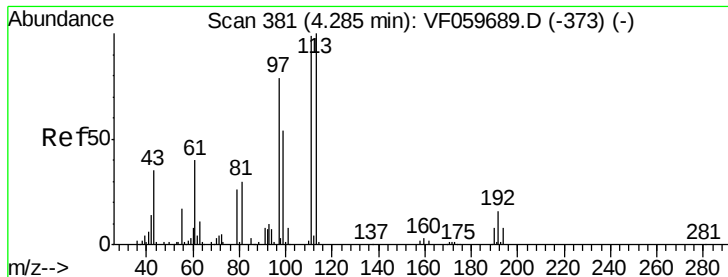
Tot Ion: 65 Resp: 1878
 Ion Ratio Lower Upper
 65 100
 67 21.0 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Tgt Ion: 114 Resp: 2956
 Ion Ratio Lower Upper
 114 100
 63 32.9 0.0 47.4
 88 15.3 0.0 41.2





#35

Dibromofluoromethane

Concen: 66.80 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

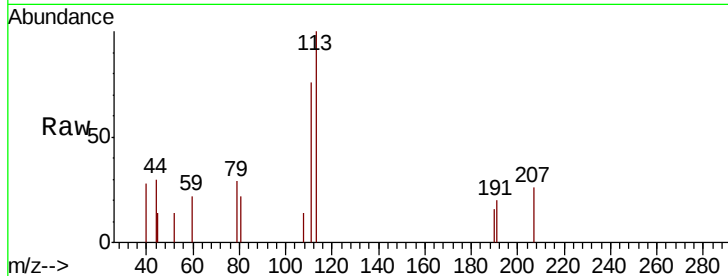
Tot Ion:113 Resp: 2051

Ion Ratio Lower Upper

113 100

111 75.6 79.0 118.4#

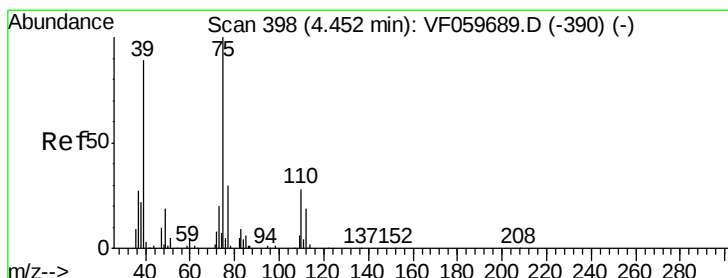
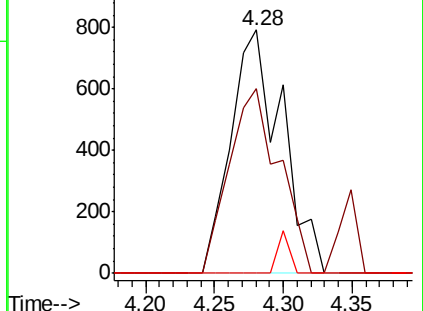
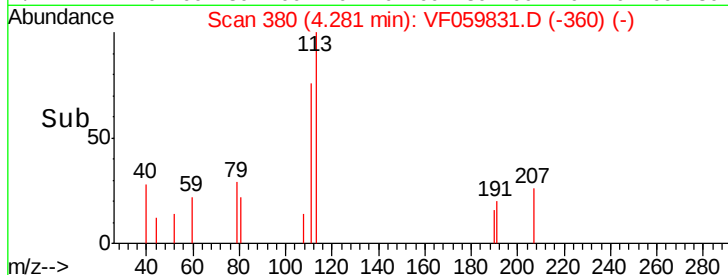
192 0.0 13.2 19.8#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: Below Cal

RT: 4.52 min Scan# 404

Delta R.T. 0.07 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

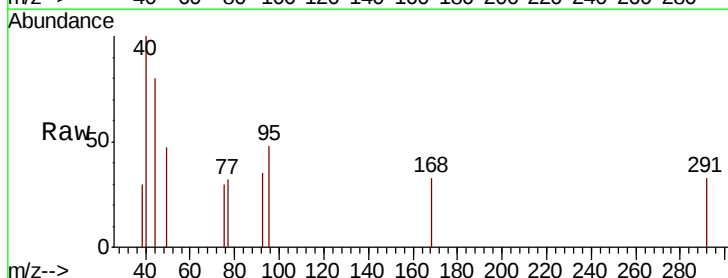
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

110 0.0 14.0 41.9#

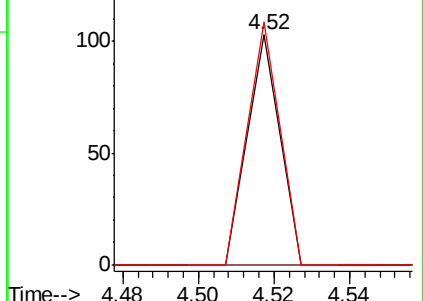
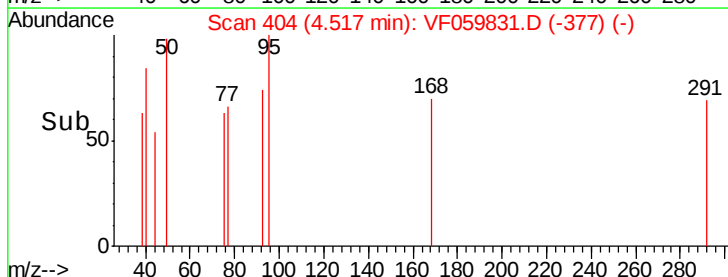
77 105.8 24.2 36.2#

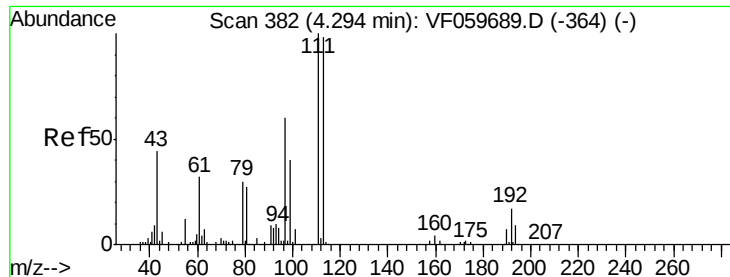


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

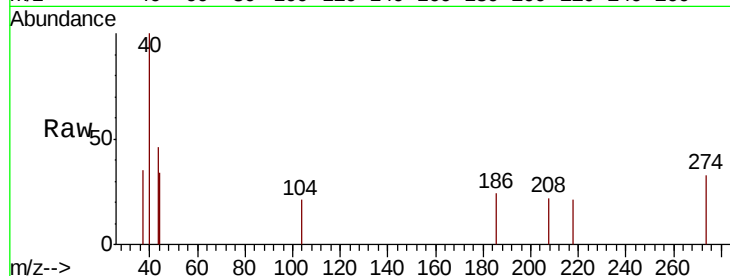




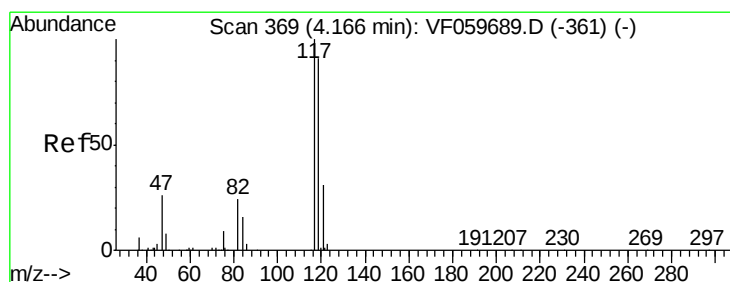
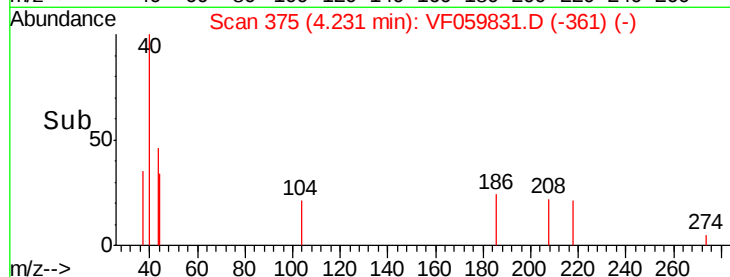
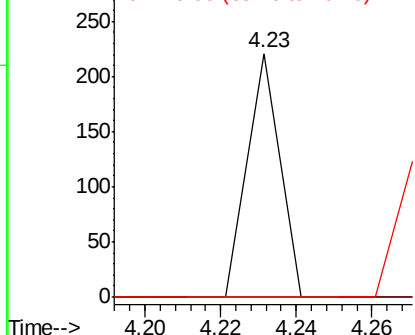
#37
Ethyl Acetate
Concen: 4.68 ug/l
RT: 4.23 min Scan# 375
Delta R.T. -0.06 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Instrument :
MSVOA_F
ClientSampled :
UST-SRE

Tot Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
61 0.0 58.2 87.2#
70 0.0 6.0 9.0#

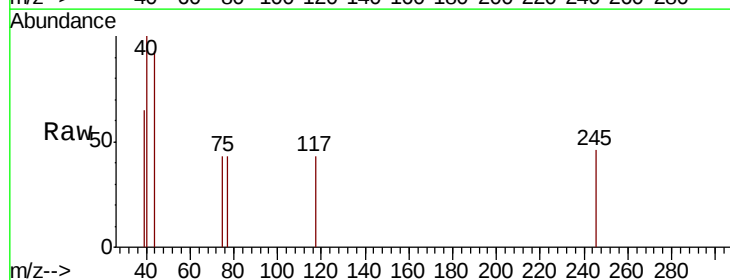


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

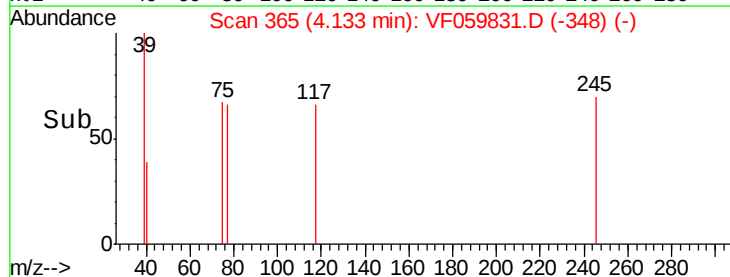
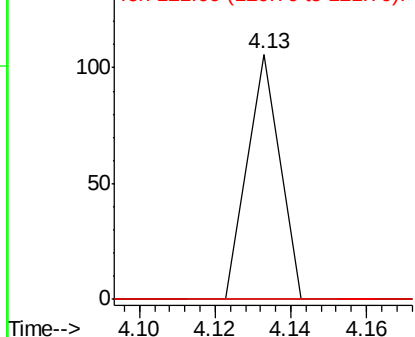


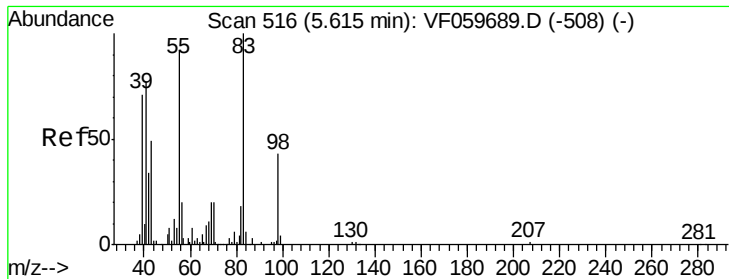
#38
Carbon Tetrachloride
Concen: 1.34 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 117 Resp: 63
Ion Ratio Lower Upper
117 100
119 0.0 72.9 109.3#
121 0.0 25.0 37.4#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

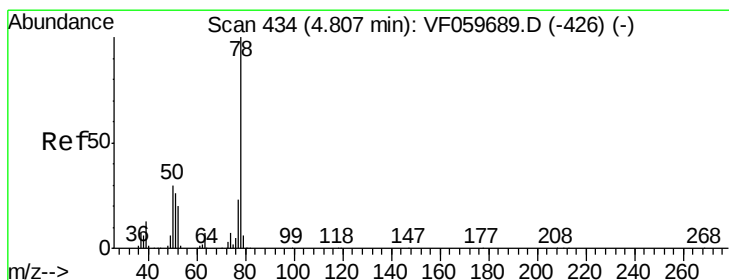
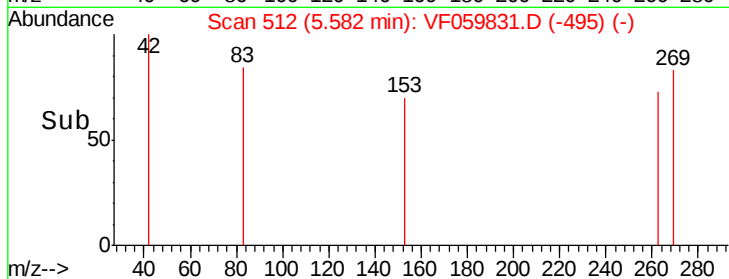
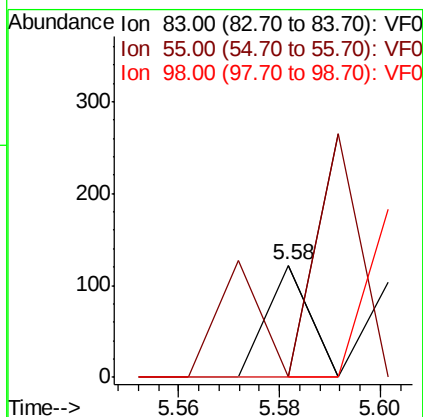
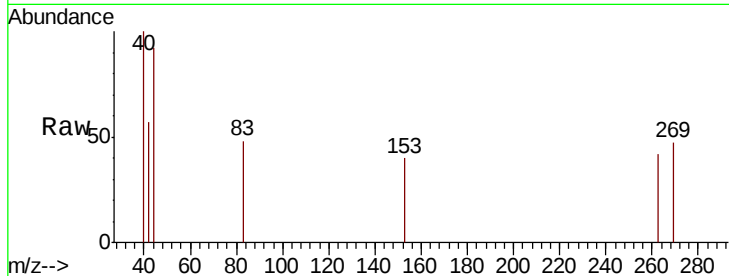




#39
Methylcyclohexane
Concen: Below Cal
RT: 5.58 min Scan# 512
Delta R.T. -0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

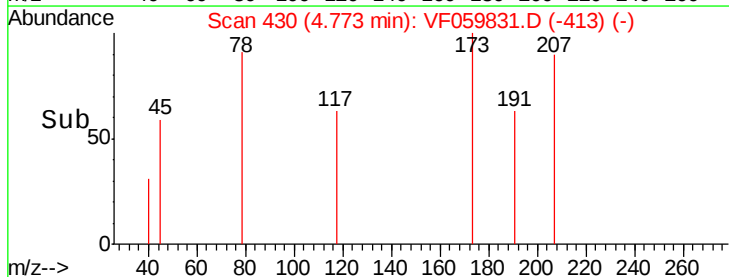
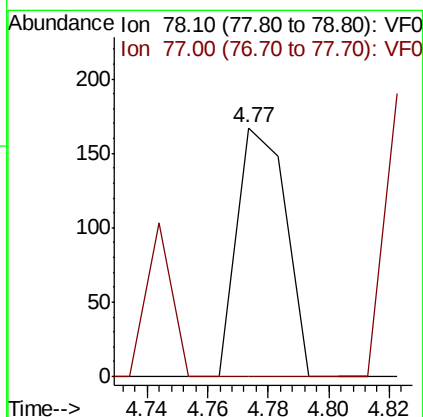
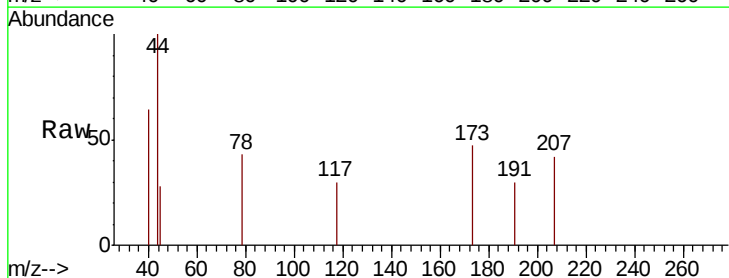
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

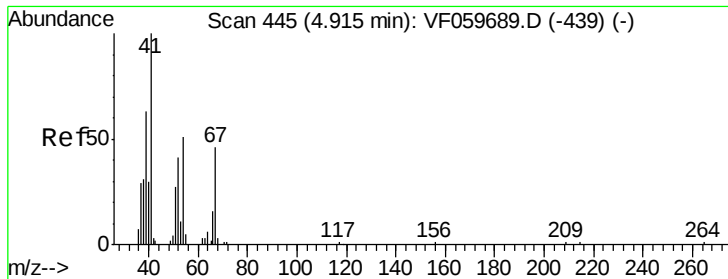
Tot Ion:	83.00	Resp:	72
Ion	Ratio	Lower	Upper
83	100		
55	0.0	73.4	110.2#
98	0.0	34.2	51.4#



#40
Benzene
Concen: 3.12 ug/l
RT: 4.77 min Scan# 430
Delta R.T. -0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion:	78.00	Resp:	186
Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.9	28.3#

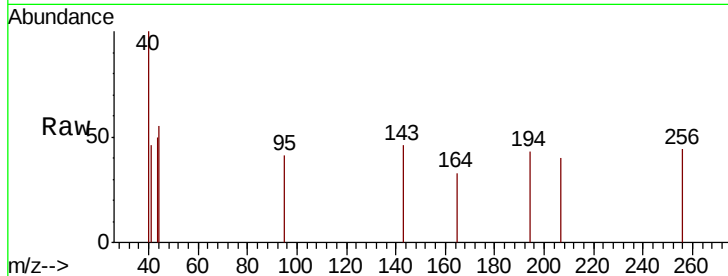




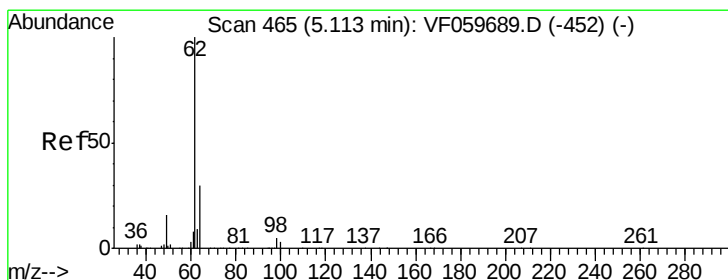
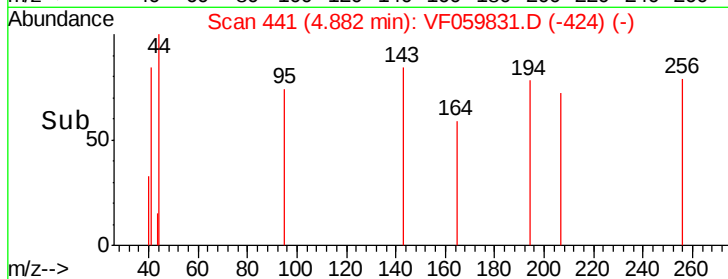
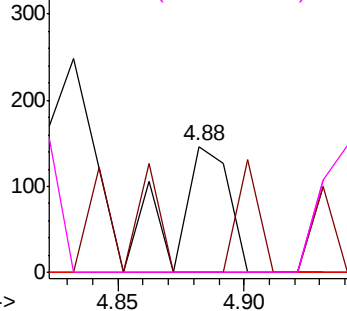
#41
Methacrylonitrile
Concen: 28.92 ug/l
RT: 4.88 min Scan# 441
Delta R.T. -0.03 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Instrument :
MSVOA_F
ClientSampled :
UST-SRE

Tot Ion: 41 Resp: 224
Ion Ratio Lower Upper
41 100
39 0.0 55.2 82.8#
67 0.0 36.2 54.2#
52 0.0 37.7 56.5#

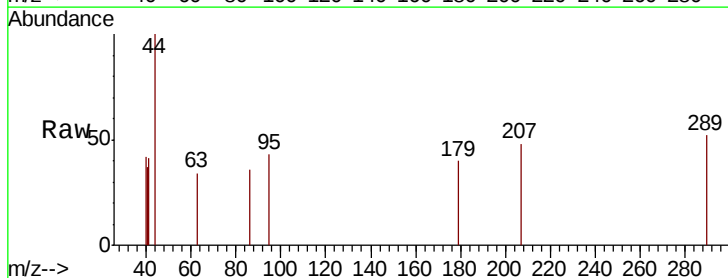


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

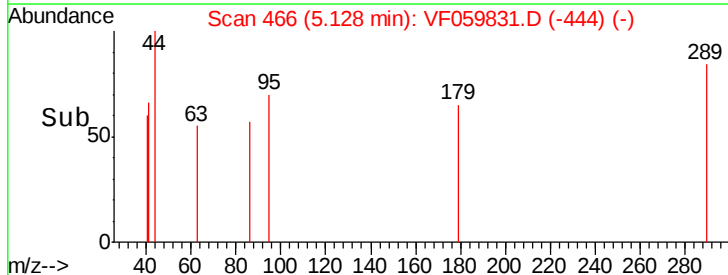
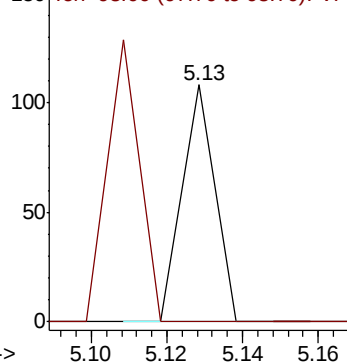


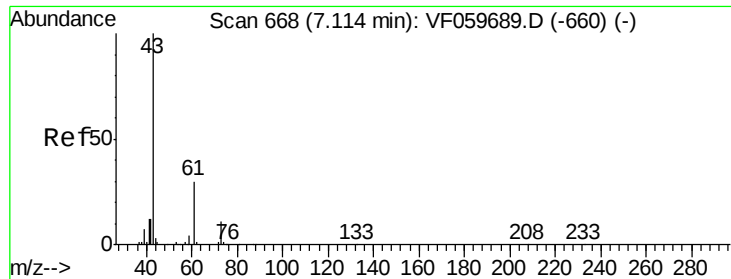
#42
1,2-Dichloroethane
Concen: 1.53 ug/l
RT: 5.13 min Scan# 466
Delta R.T. 0.02 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 62 Resp: 64
Ion Ratio Lower Upper
62 100
98 0.0 0.0 9.6



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 4.75 ug/l

RT: 7.10 min Scan# 666

Delta R.T. -0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

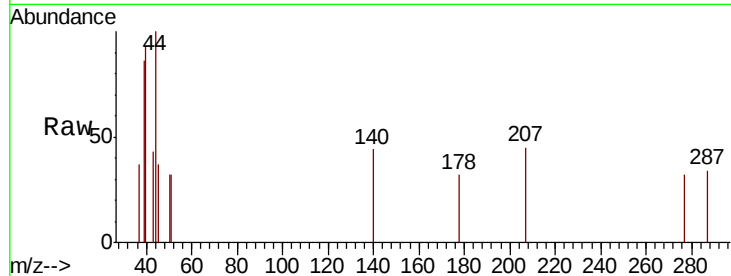
Tot Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

61 0.0 23.8 35.8#

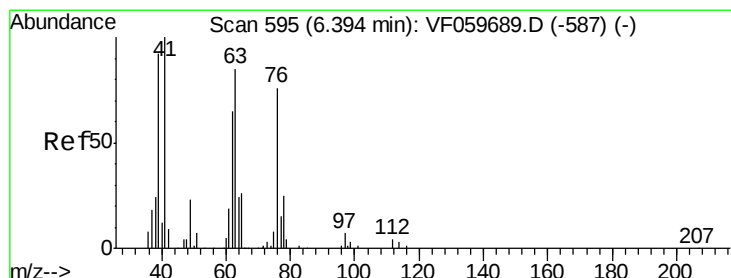
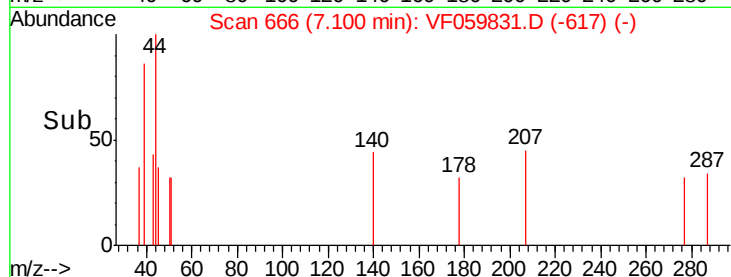
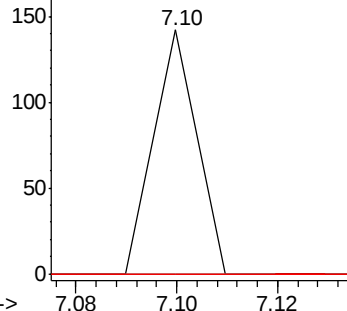
87 0.0 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#45

1,2-Dichloropropane

Concen: 4.88 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.05 min

Lab File: VF059831.D

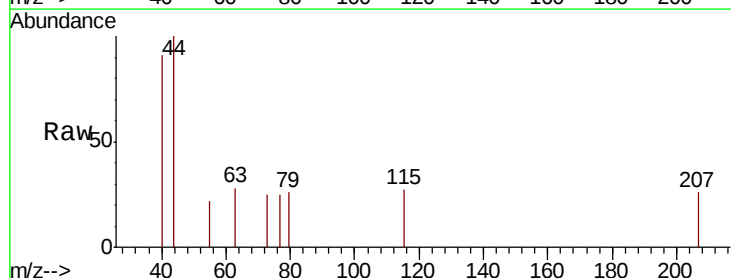
Acq: 3 Aug 2018 11:01

Tgt Ion: 63 Resp: 77

Ion Ratio Lower Upper

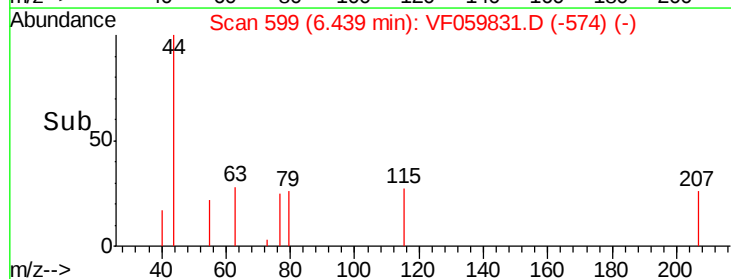
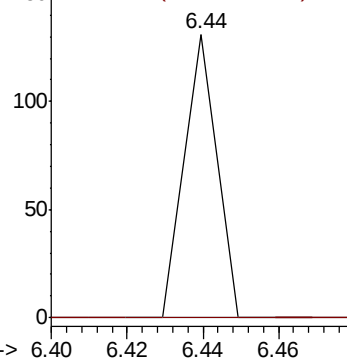
63 100

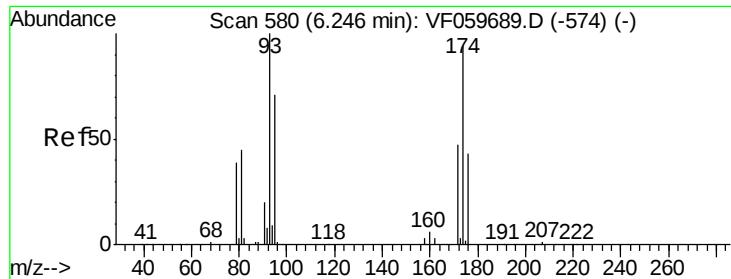
65 0.0 25.2 37.8#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

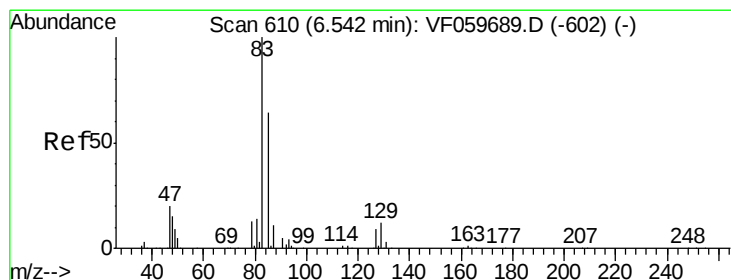
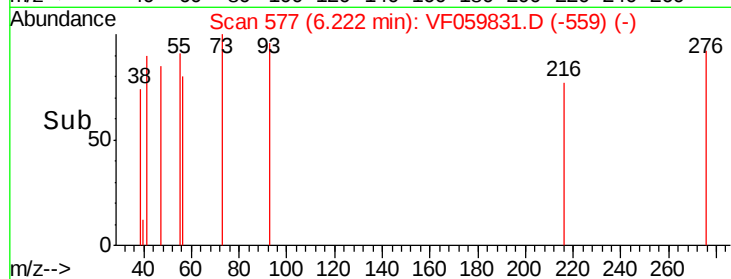
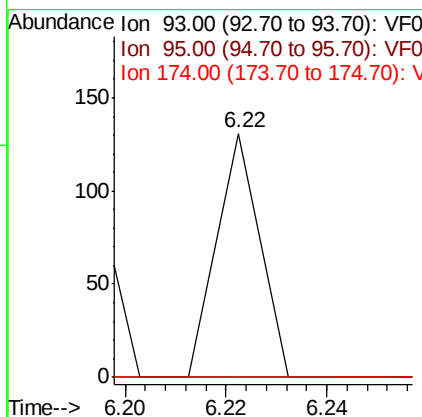
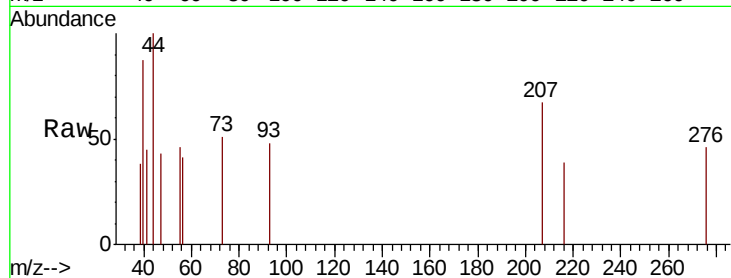




#46
Dibromomethane
Concen: 5.21 ug/l
RT: 6.22 min Scan# 577
Delta R.T. -0.02 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

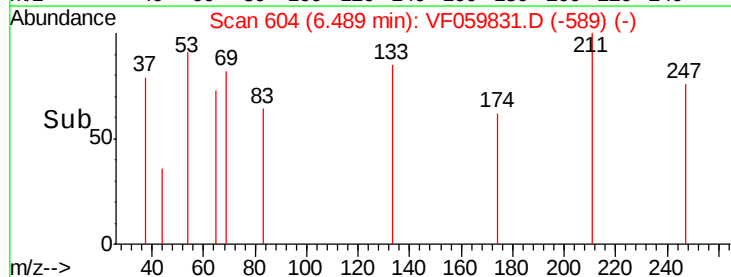
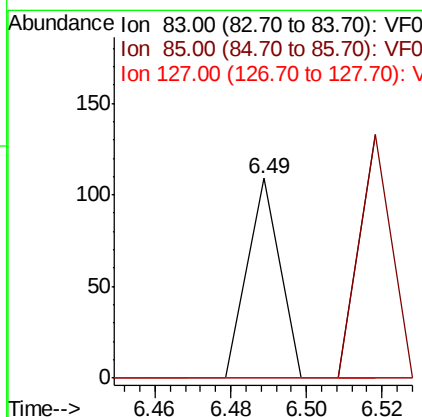
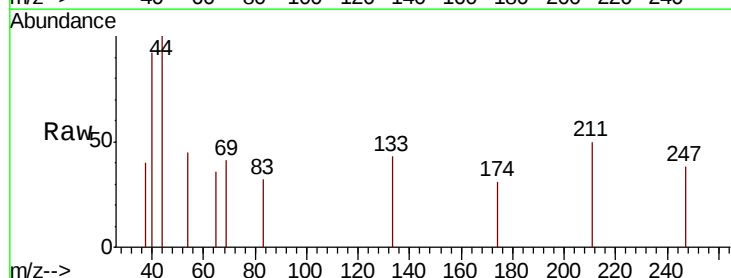
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

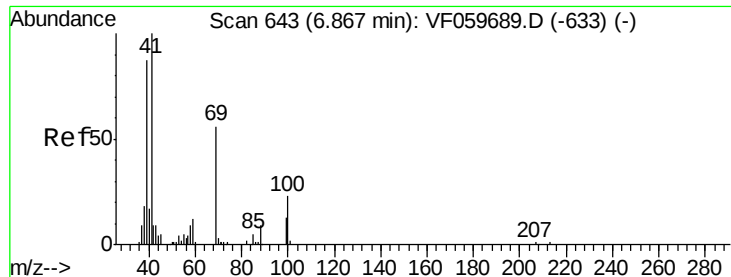
Tot Ion: 93 Resp: 78
Ion Ratio Lower Upper
93 100
95 0.0 57.1 85.7#
174 0.0 74.8 112.2#



#47
Bromodichloromethane
Concen: 1.57 ug/l
RT: 6.49 min Scan# 604
Delta R.T. -0.05 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 83 Resp: 64
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#
127 0.0 7.3 10.9#

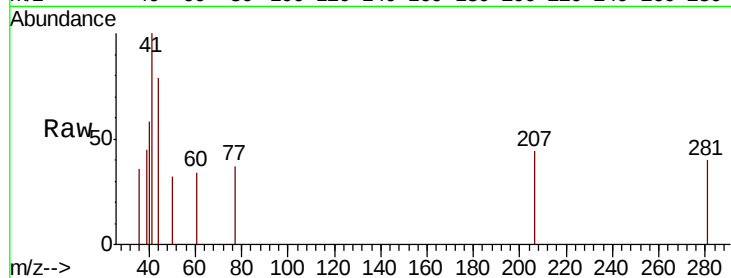




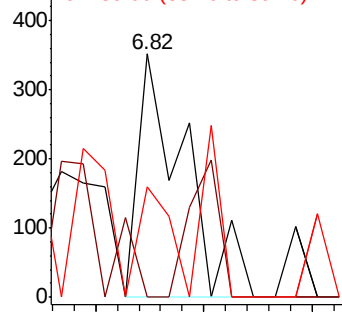
#48
Methvl methacrvlate
Concen: 39.34 ug/l
RT: 6.82 min Scan# 638
Delta R.T. -0.04 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

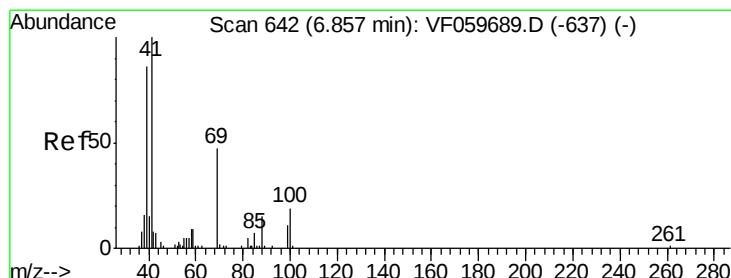
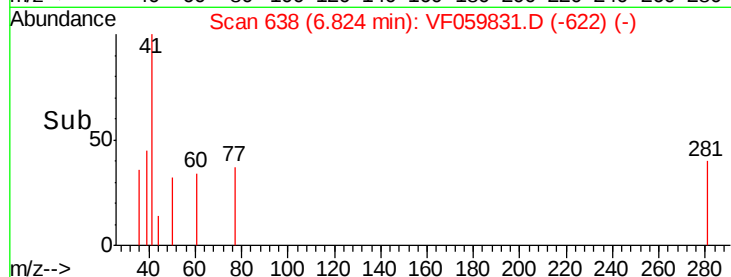
Tot Ion: 41 Resp: 523
Ion Ratio Lower Upper
41 100
69 0.0 44.4 66.6#
39 45.2 69.4 104.2#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0

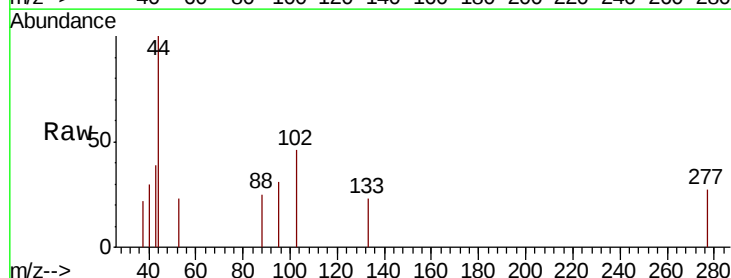


Time-->

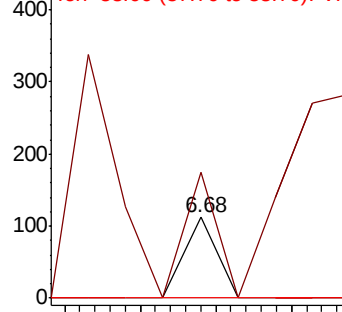


#49
1,4-Dioxane
Concen: 775.15 ug/l
RT: 6.68 min Scan# 623
Delta R.T. -0.18 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

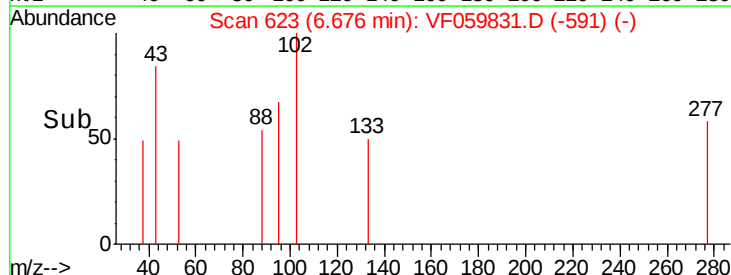
Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 156.3 45.2 67.8#
58 0.0 49.0 73.6#

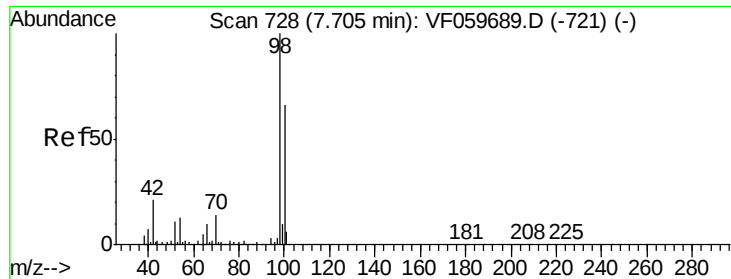


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



Time-->

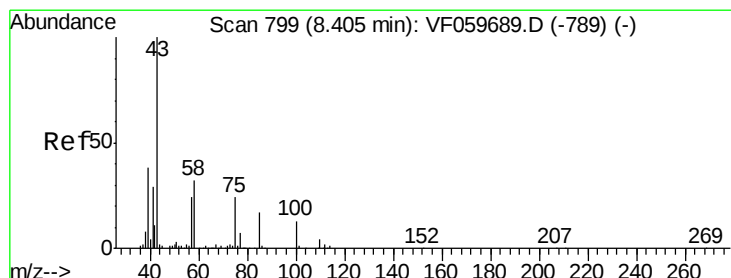
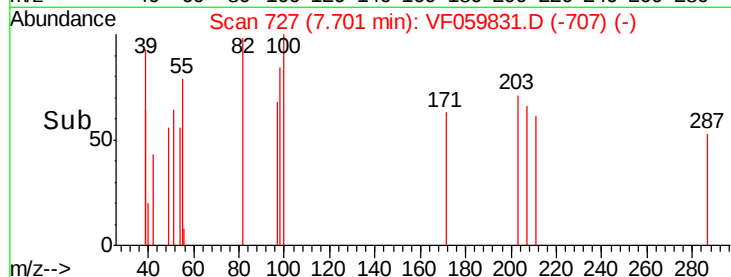
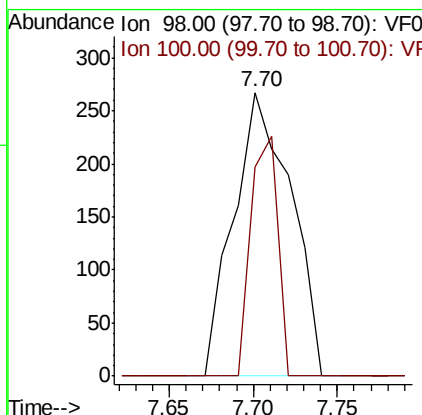
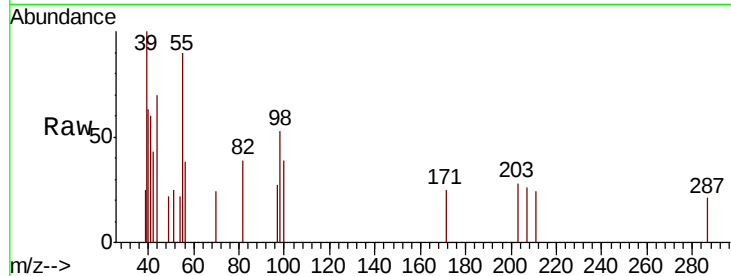




#50
Toluene-d8
Concen: 8.81 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

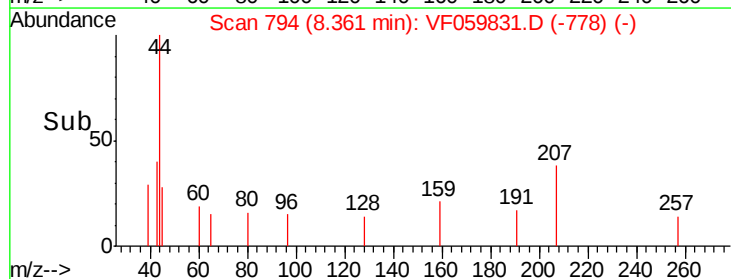
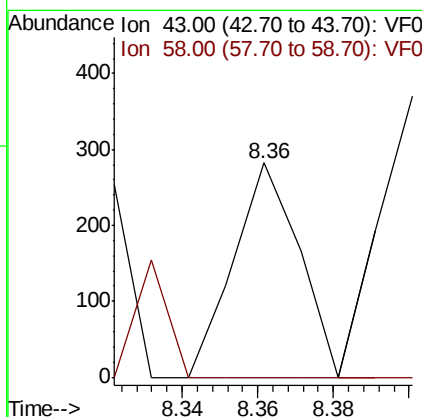
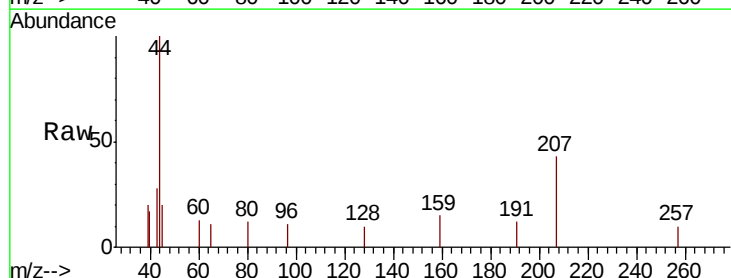
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

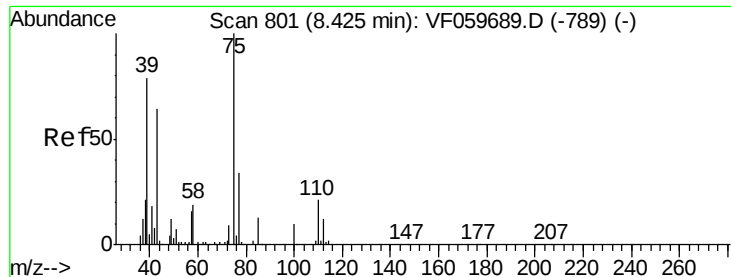
Tot Ion: 98 Resp: 631
Ion Ratio Lower Upper
98 100
100 73.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 24.99 ug/l
RT: 8.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

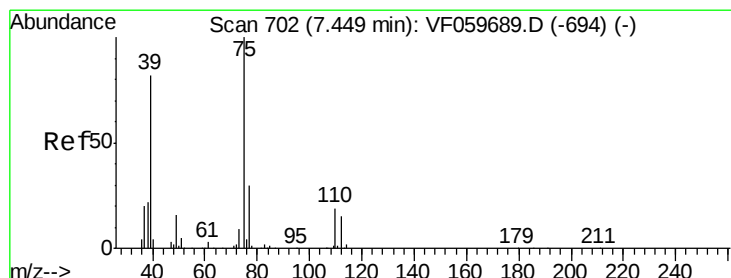
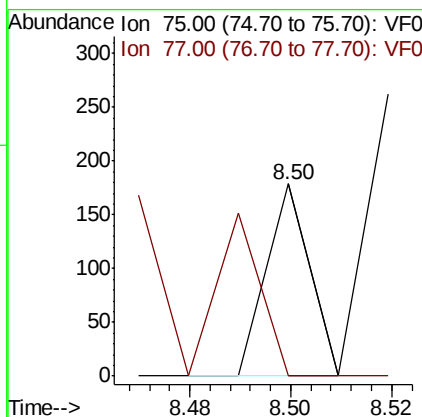
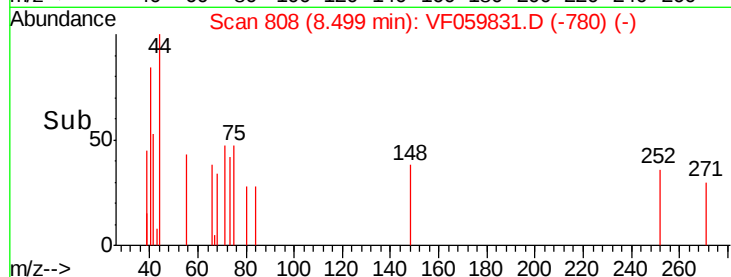
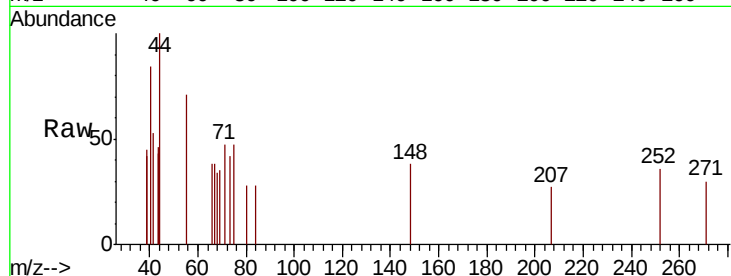




#53
t-1,3-Dichloropropene
Concen: 3.00 ug/l
RT: 8.50 min Scan# 808
Delta R.T. 0.07 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

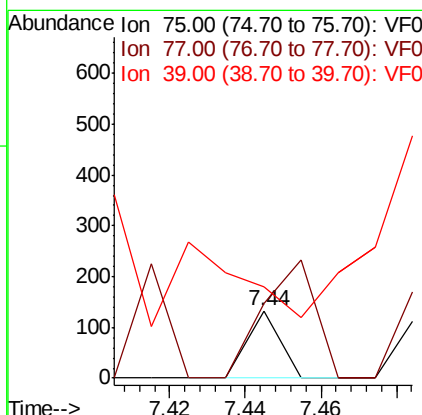
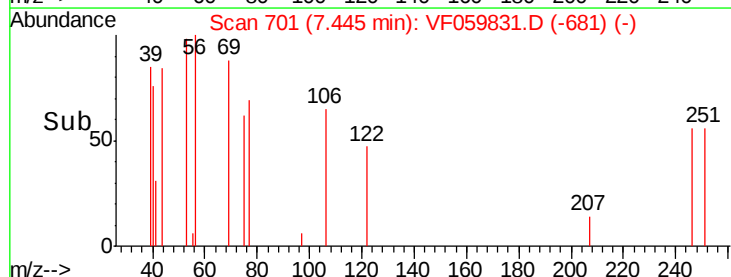
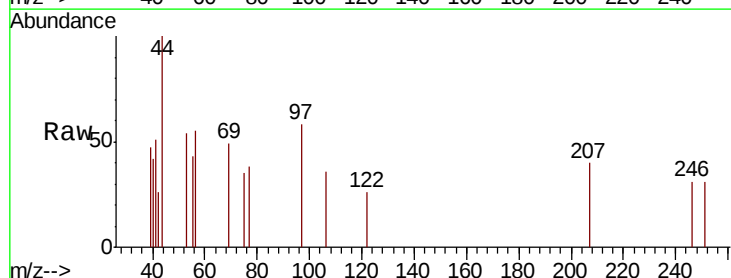
Instrument :
MSVOA_F
ClientSampled :
UST-SRE

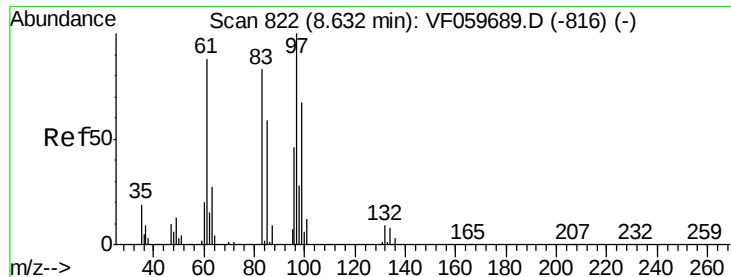
Tot Ion: 75 Resp: 106
Ion Ratio Lower Upper
75 100
77 0.0 27.0 40.4#



#54
cis-1,3-Dichloropropene
Concen: 2.31 ug/l
RT: 7.44 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 110.5 24.0 36.0#
39 135.3 65.4 98.2#

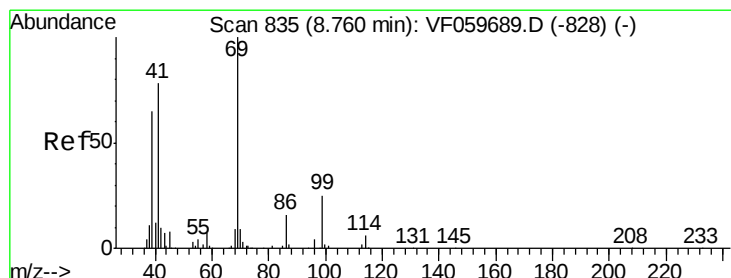
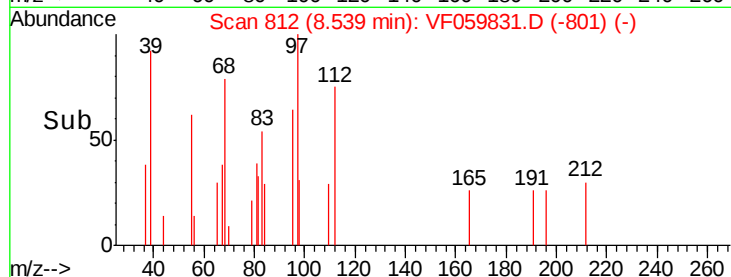
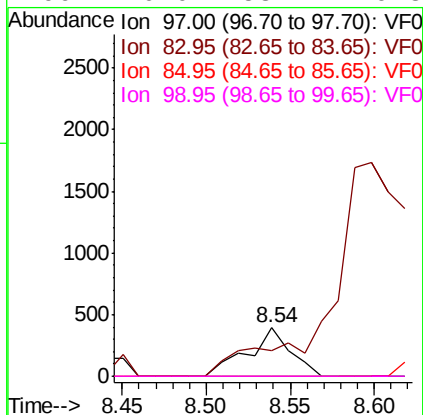
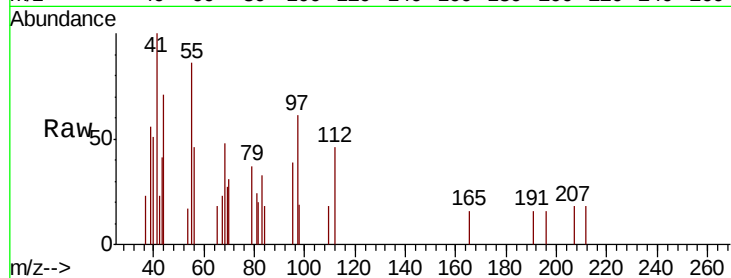




#55
 1,1,2-Trichloroethane
 Concen: 43.42 ug/l
 RT: 8.54 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

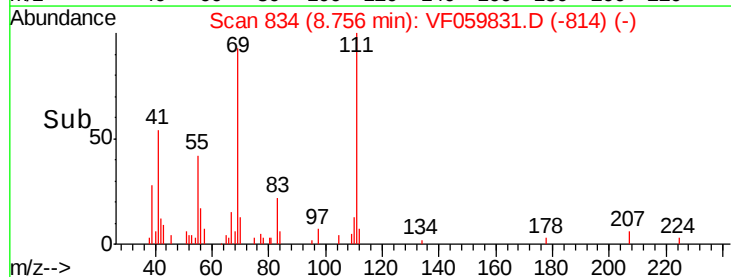
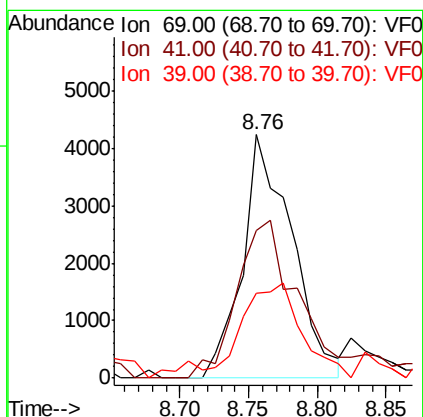
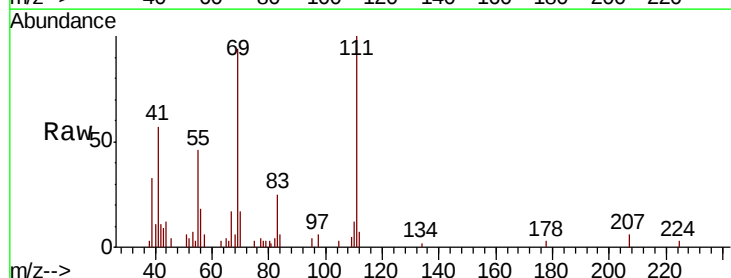
Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

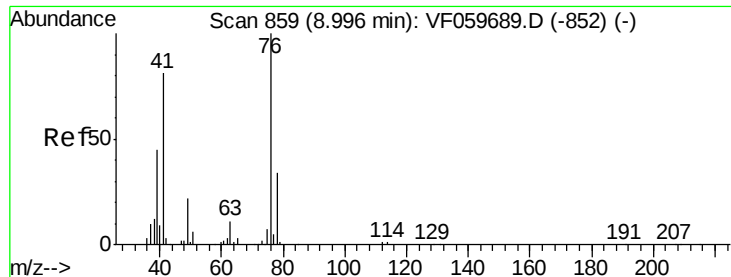
Tot Ion: 97 Resp: 702
 Ion Ratio Lower Upper
 97 100
 83 53.7 66.6 100.0#
 85 0.0 47.4 71.0#
 99 0.0 53.2 79.8#



#56
 Ethyl methacrylate
 Concen: 629.51 ug/l
 RT: 8.76 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Tgt Ion: 69 Resp: 10614
 Ion Ratio Lower Upper
 69 100
 41 60.7 62.3 93.5#
 39 34.6 52.4 78.6#





#57

1,3-Dichloropropane

Concen: 2.63 ug/l

RT: 8.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

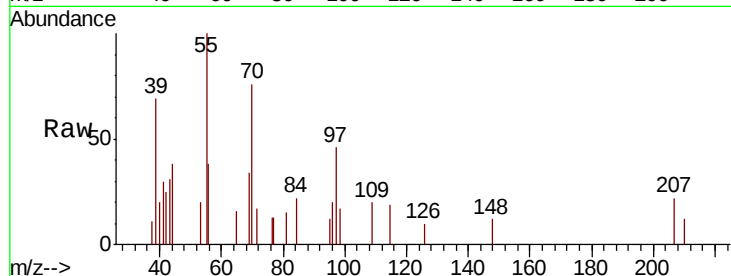
UST-SRE

Tot Ion: 76 Resp: 73

Ion Ratio Lower Upper

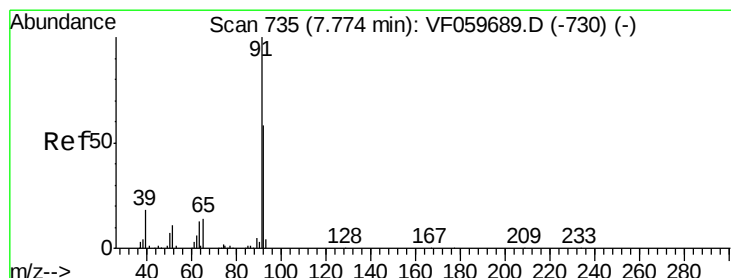
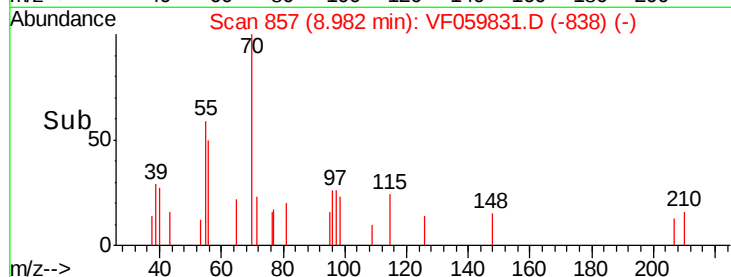
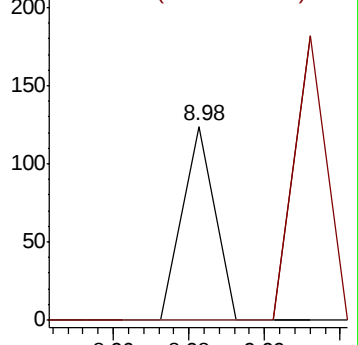
76 100

78 0.0 27.2 40.8#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 36.99 ug/l

RT: 7.66 min Scan# 723

Delta R.T. -0.11 min

Lab File: VF059831.D

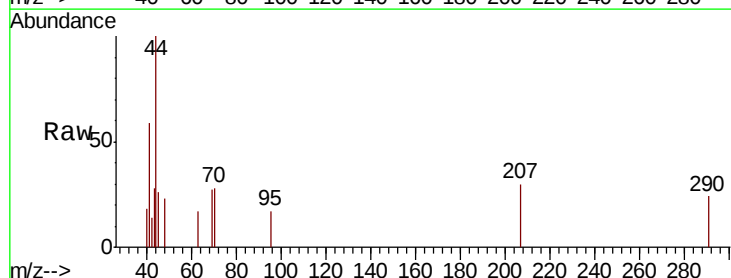
Acq: 3 Aug 2018 11:01

Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

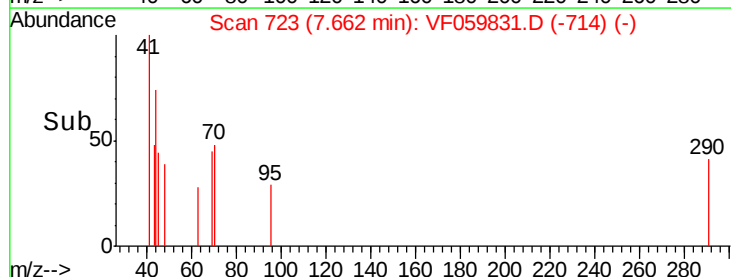
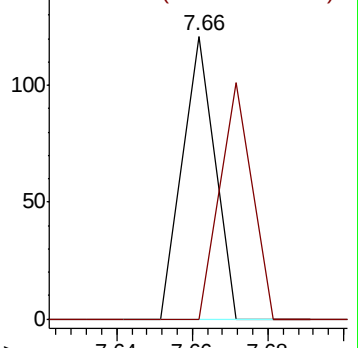
63 100

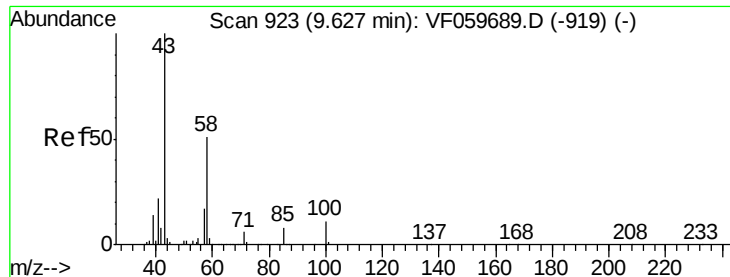
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

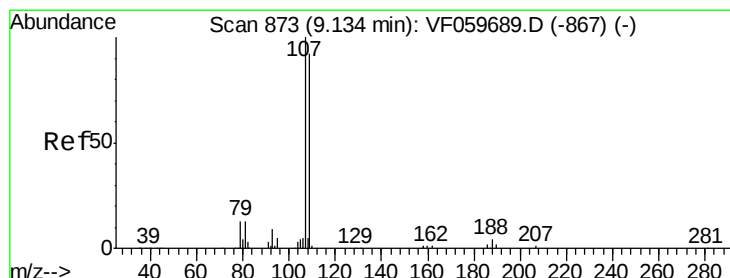
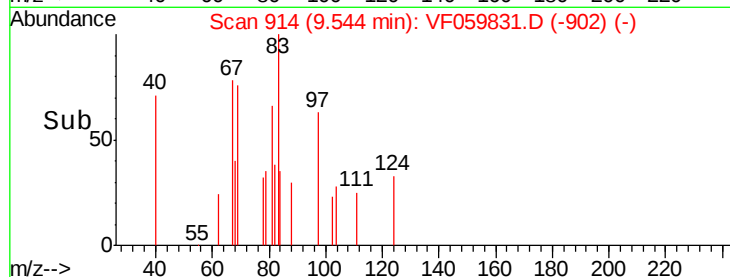
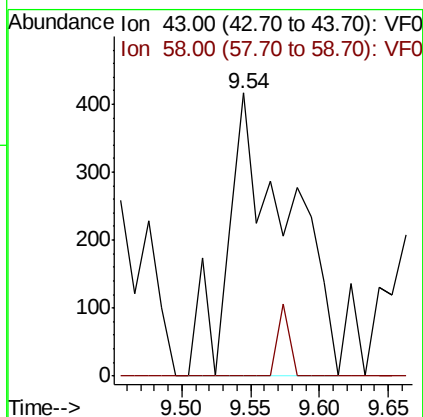
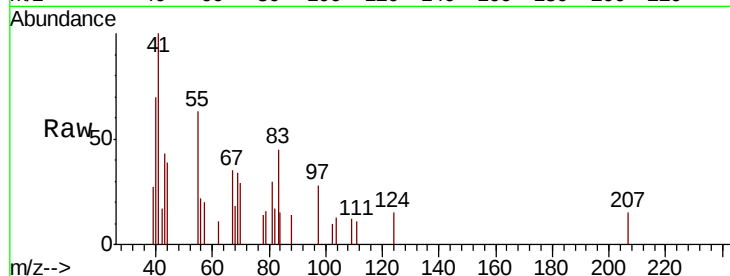




#59
2-Hexanone
Concen: 119.07 ug/l
RT: 9.54 min Scan# 914
Delta R.T. -0.08 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

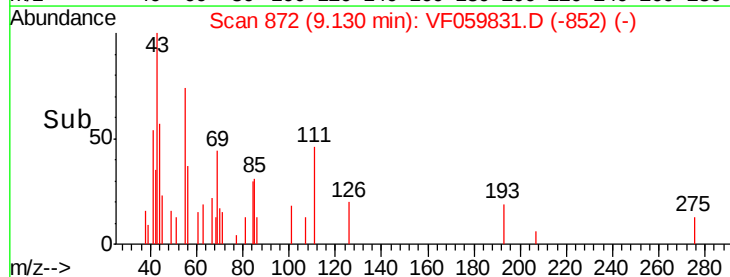
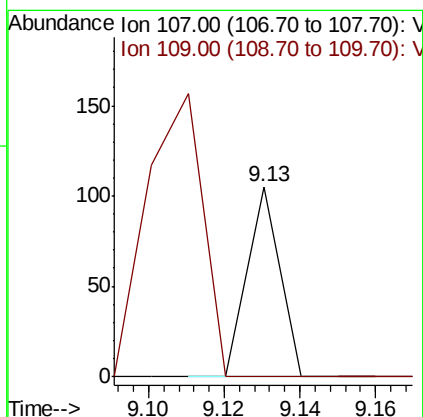
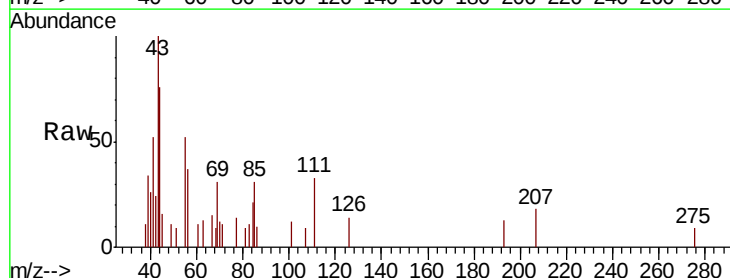
Instrument :
MSVOA_F
ClientSampleId :
UST-SRE

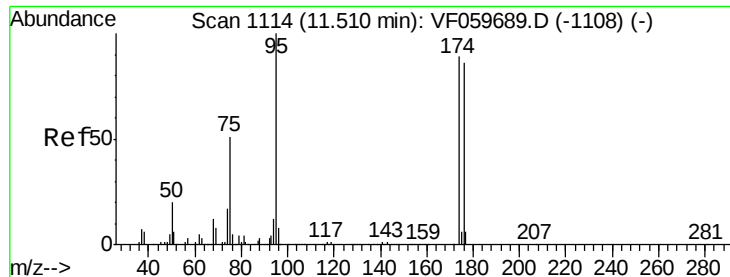
Tot Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.8#



#61
1,2-Dibromoethane
Concen: 3.28 ug/l
RT: 9.13 min Scan# 872
Delta R.T. -0.00 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 107 Resp: 62
Ion Ratio Lower Upper
107 100
109 0.0 73.6 110.4#





#62

4-Bromofluorobenzene

Concen: 139.24 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampled :

UST-SRE

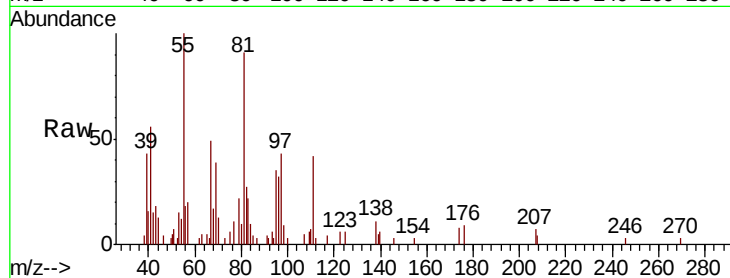
Tot Ion: 95 Resp: 5519

Ion Ratio Lower Upper

95 100

174 22.2 0.0 178.4

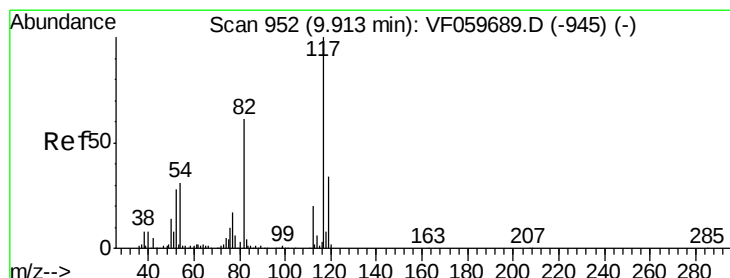
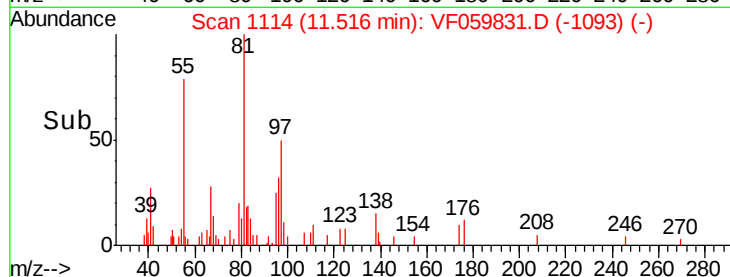
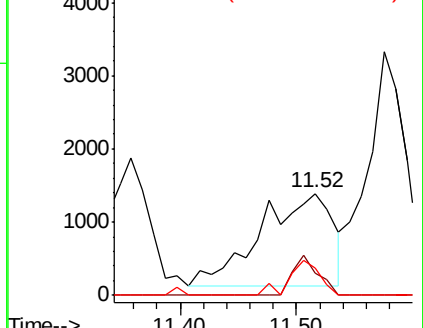
176 26.5 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.00 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

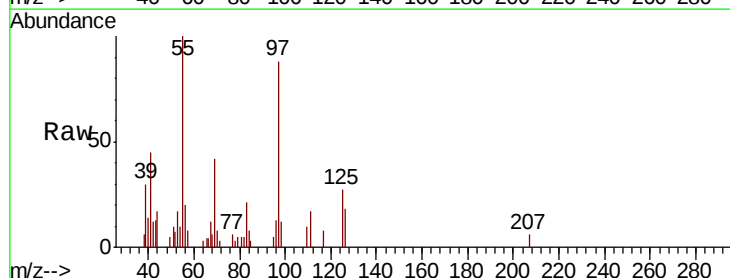
Tgt Ion: 117 Resp: 615

Ion Ratio Lower Upper

117 100

82 66.7 49.0 73.4

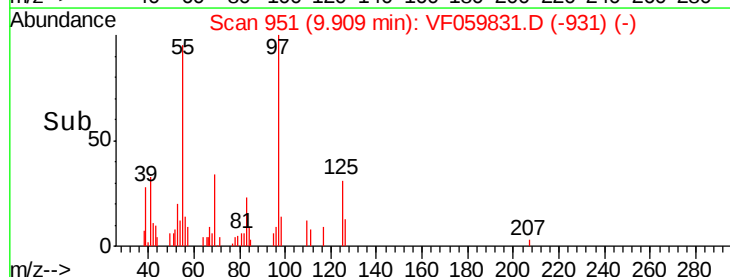
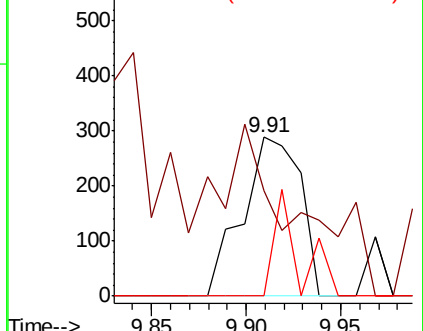
119 0.0 27.3 40.9#

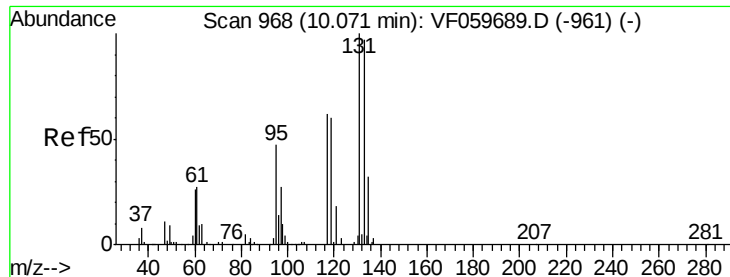


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 11.32 ug/l

RT: 10.10 min Scan# 970

Delta R.T. 0.03 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

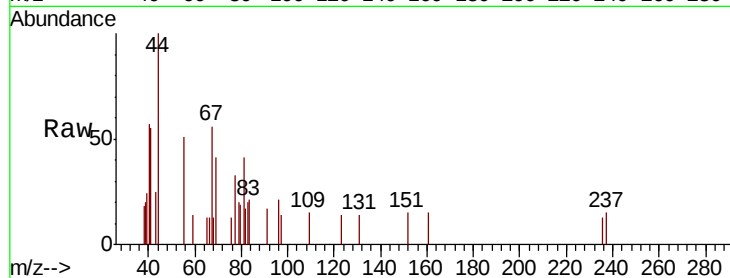
Tot Ion:131 Resp: 65

Ion Ratio Lower Upper

131 100

133 0.0 48.5 145.5#

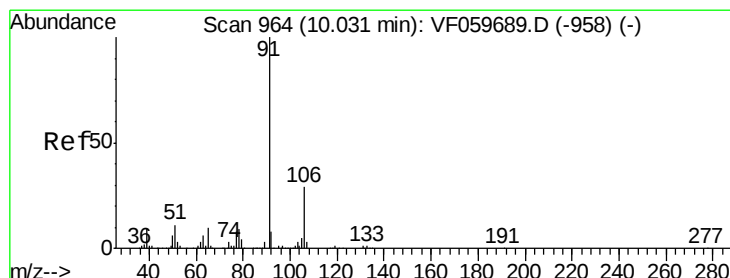
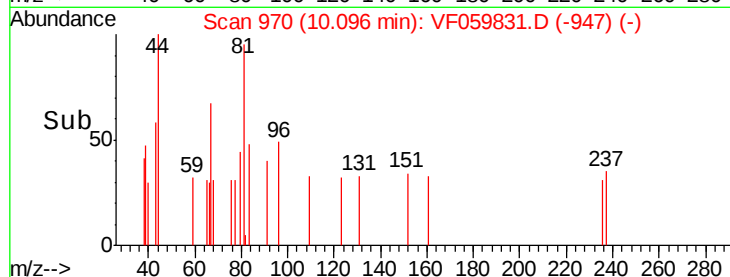
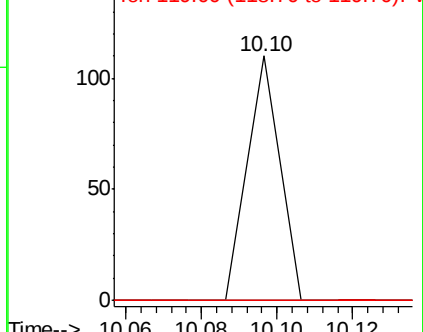
119 0.0 30.3 90.8#



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 3.57 ug/l

RT: 10.07 min Scan# 967

Delta R.T. 0.04 min

Lab File: VF059831.D

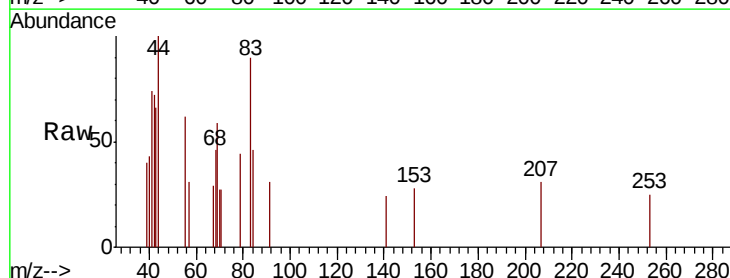
Acq: 3 Aug 2018 11:01

Tgt Ion: 91 Resp: 76

Ion Ratio Lower Upper

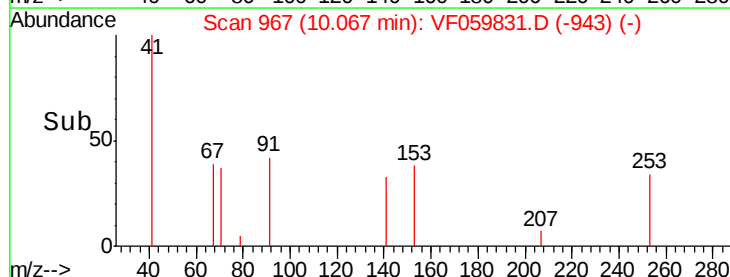
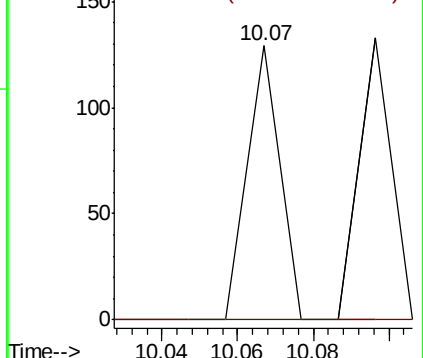
91 100

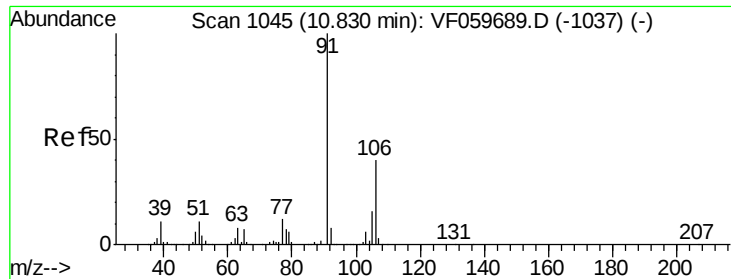
106 0.0 22.9 34.3#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

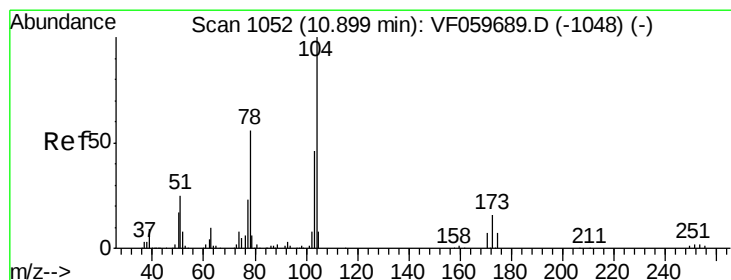
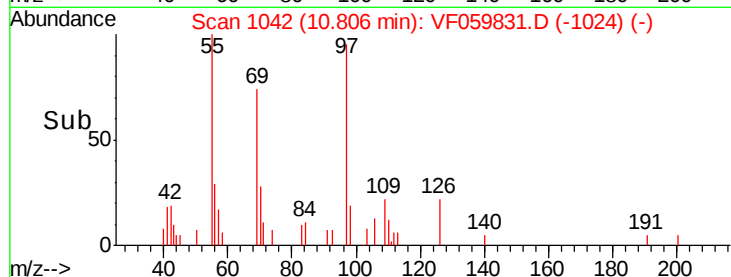
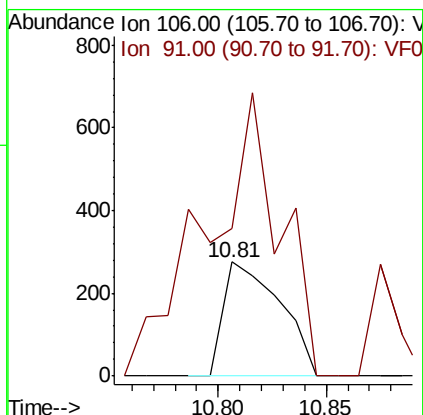
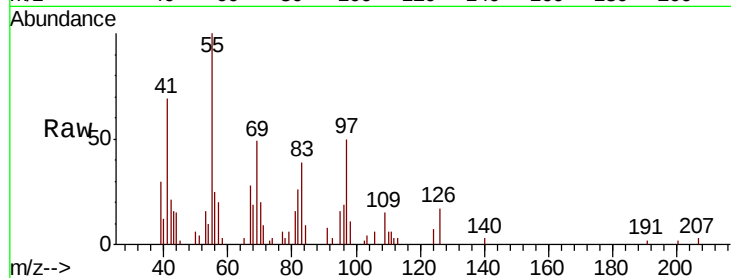




#69
o-Xylene
Concen: 63.75 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

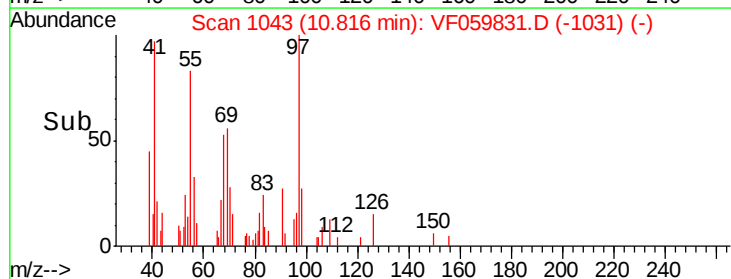
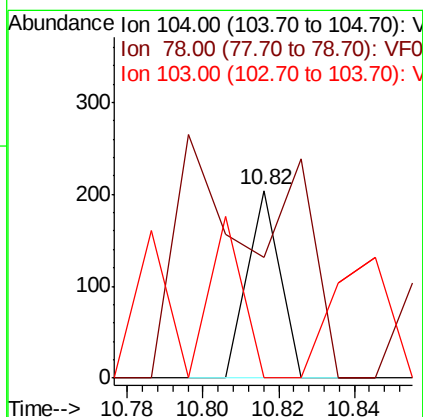
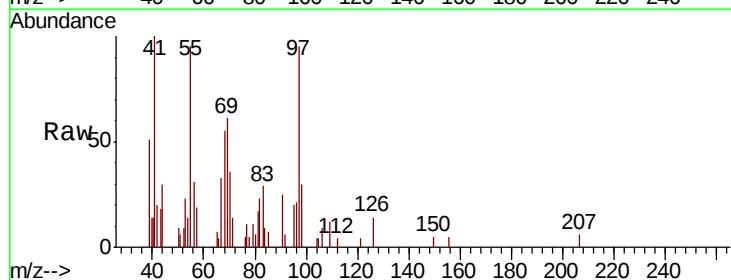
Instrument :
MSVOA_F
ClientSampled :
UST-SRE

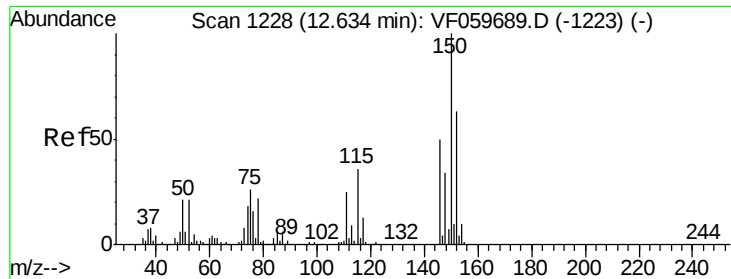
Tot Ion:106 Resp: 500
Ion Ratio Lower Upper
106 100
91 129.7 124.6 373.7



#70
Styrene
Concen: 10.18 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.08 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion:104 Resp: 121
Ion Ratio Lower Upper
104 100
78 64.2 45.3 67.9
103 0.0 36.6 54.8#



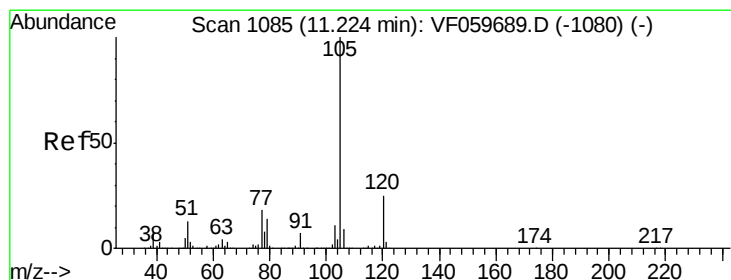
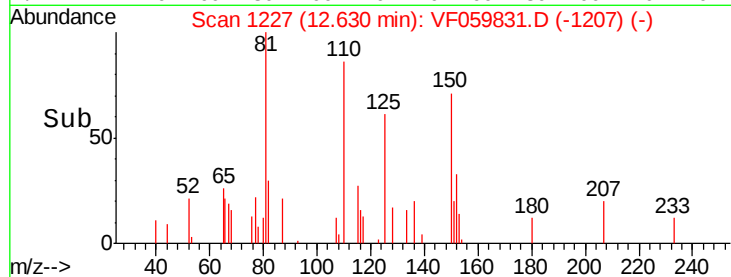
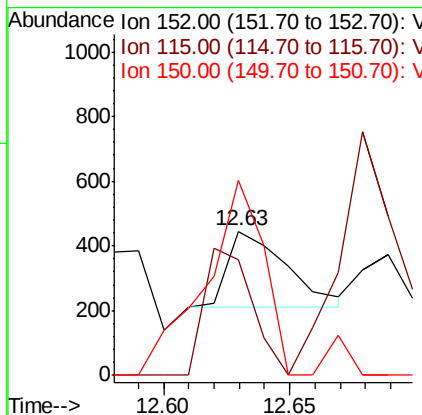
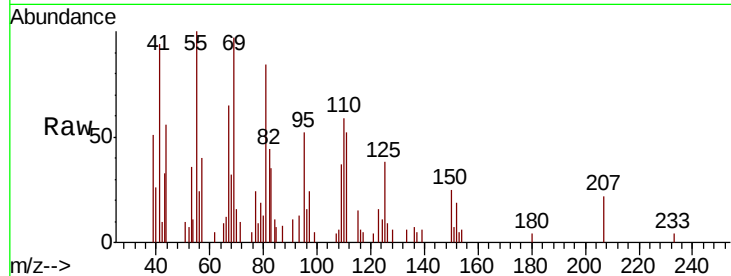


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Instrument :
MSVOA_F
ClientSampled :
UST-SRE

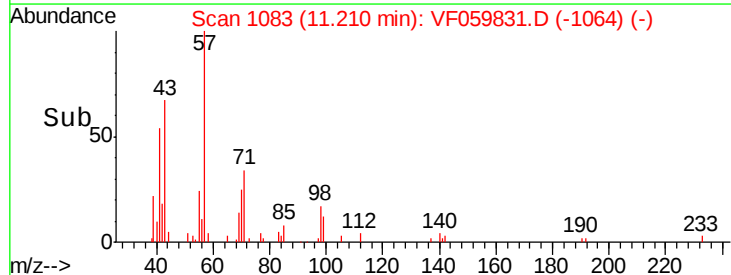
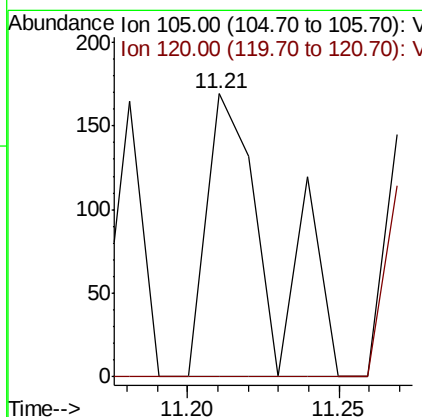
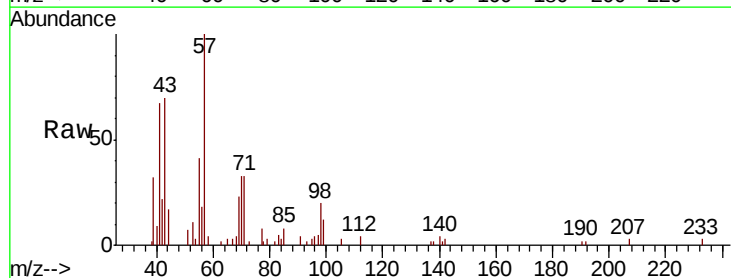
Tot Ion:152 Resp: 379
Ion Ratio Lower Upper
152 100
115 80.0 28.2 84.6
150 135.7 0.0 316.2

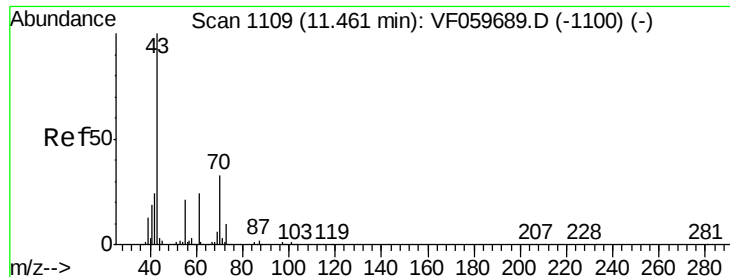


#73

Isopropylbenzene
Concen: 10.01 ug/l
RT: 11.21 min Scan# 1083
Delta R.T. -0.01 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion:105 Resp: 249
Ion Ratio Lower Upper
105 100
120 0.0 12.4 37.4#





#74

N-amvl acetate

Concen: 1406.13 ug/l

RT: 11.36 min Scan# 1098

Delta R.T. -0.10 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

Tot Ion: 43 Resp: 8822

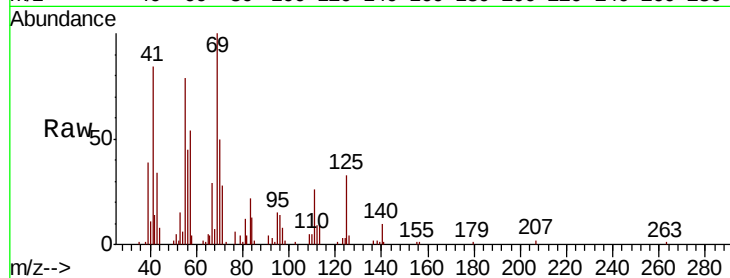
Ion Ratio Lower Upper

43 100

70 145.6 26.3 39.5#

55 228.5 16.6 25.0#

61 0.0 19.1 28.7#



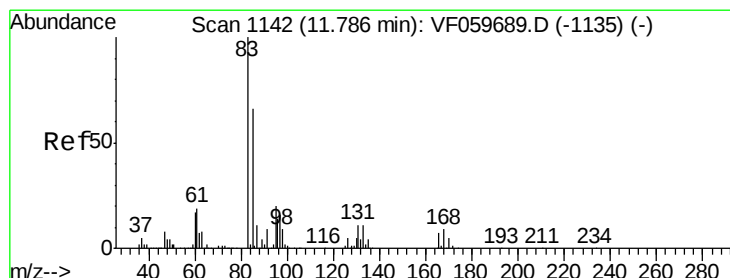
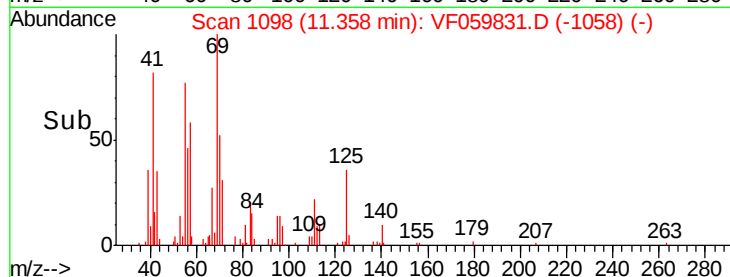
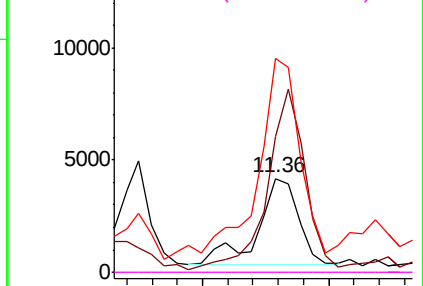
Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



#75

1,1,2,2-Tetrachloroethane

Concen: 2025.15 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.03 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

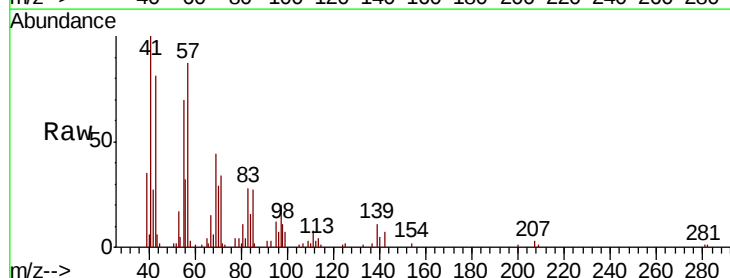
Tgt Ion: 83 Resp: 9480

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.3#

85 95.0 32.8 98.3

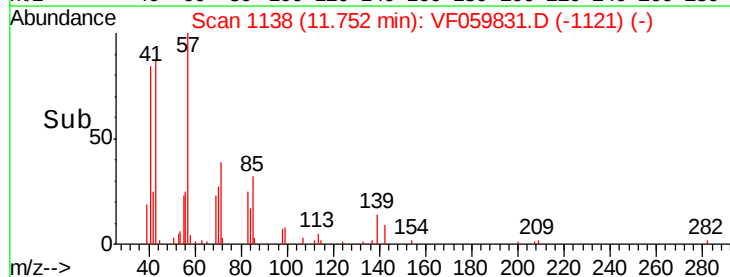
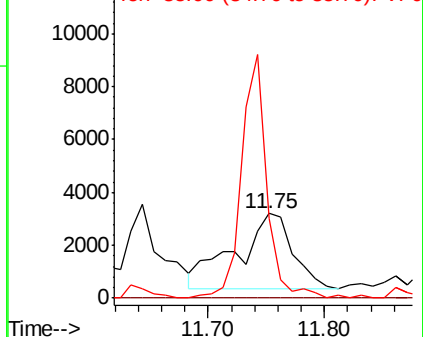


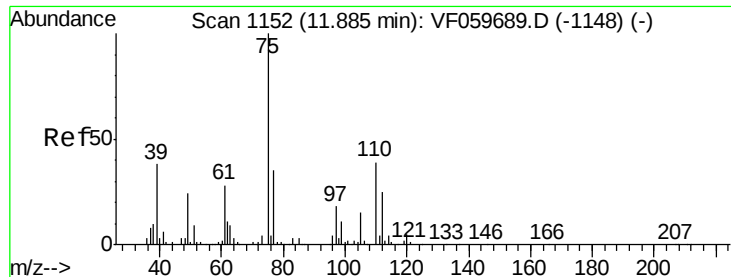
Abundance

Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0





#76

1,2,3-Trichloropropane

Concen: 15.83 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.09 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

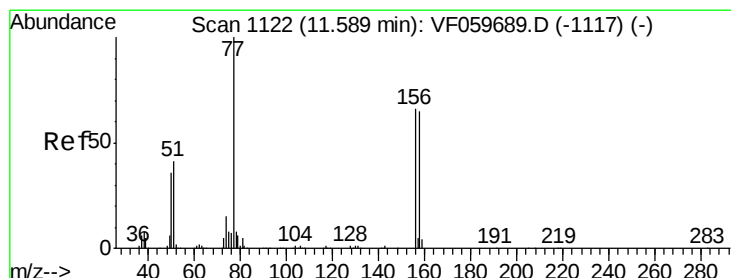
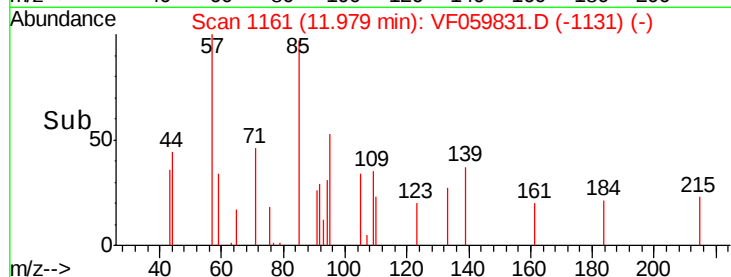
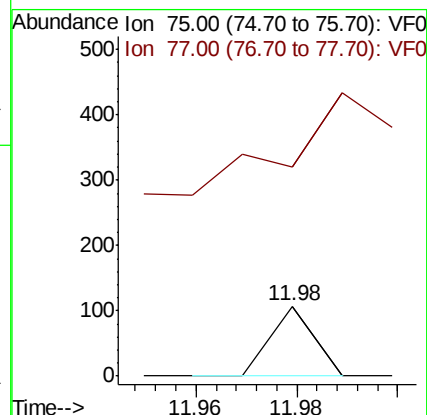
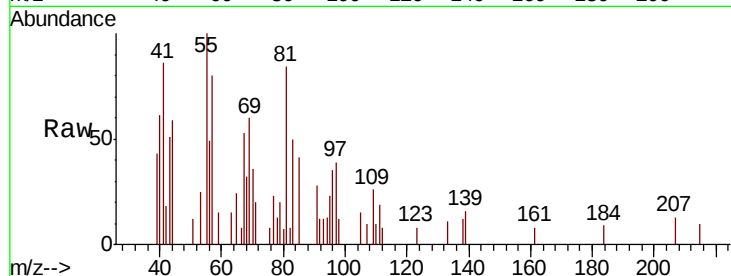
UST-SRE

Tot Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 300.0 18.0 54.0#



#77

Bromobenzene

Concen: 12.78 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

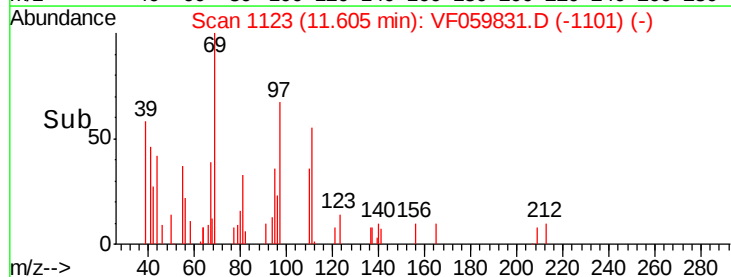
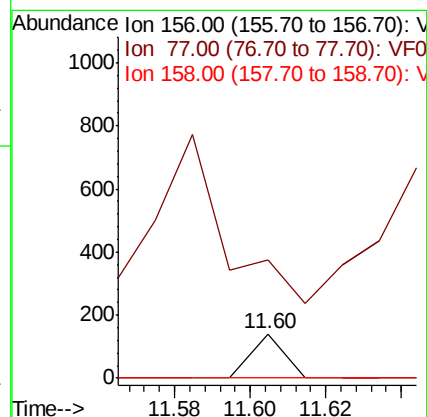
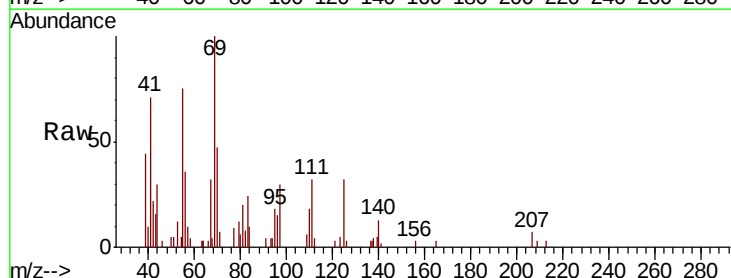
Tgt Ion: 156 Resp: 83

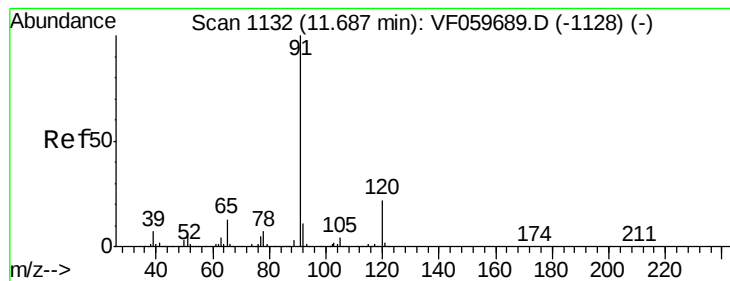
Ion Ratio Lower Upper

156 100

77 267.9 75.2 225.6#

158 0.0 49.1 147.3#





#78

n-propylbenzene

Concen: 24.95 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampled :

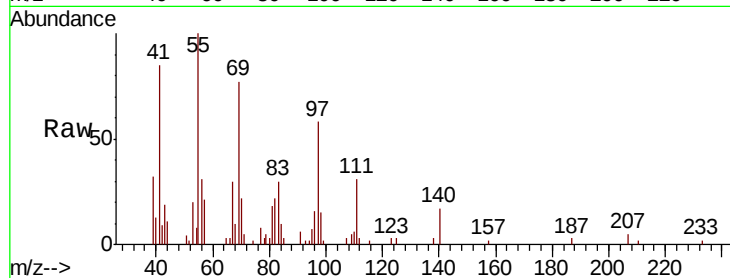
UST-SRE

Tot Ion: 91 Resp: 700

Ion Ratio Lower Upper

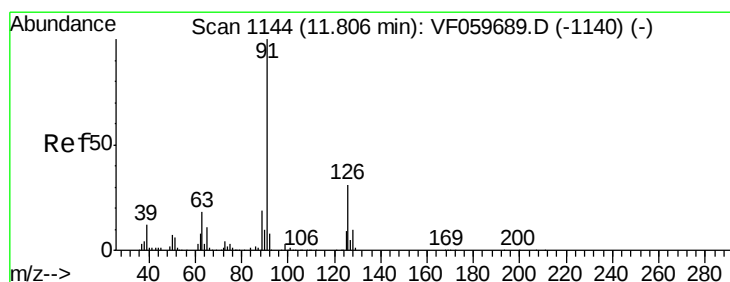
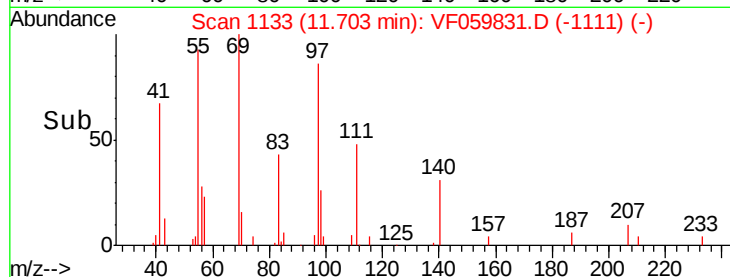
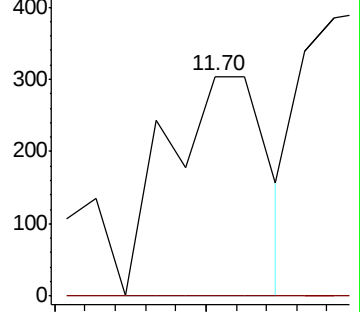
91 100

120 0.0 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 42.48 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF059831.D

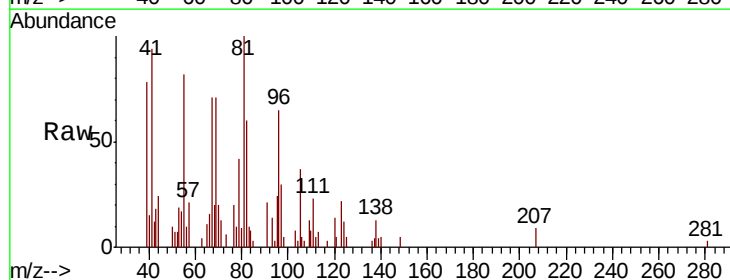
Acq: 3 Aug 2018 11:01

Tgt Ion: 91 Resp: 692

Ion Ratio Lower Upper

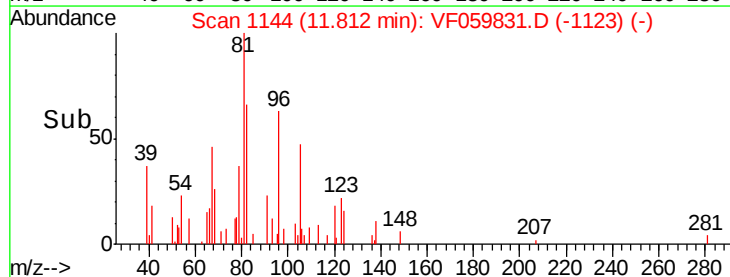
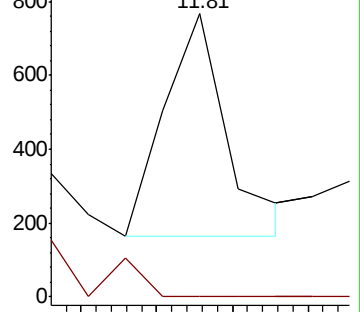
91 100

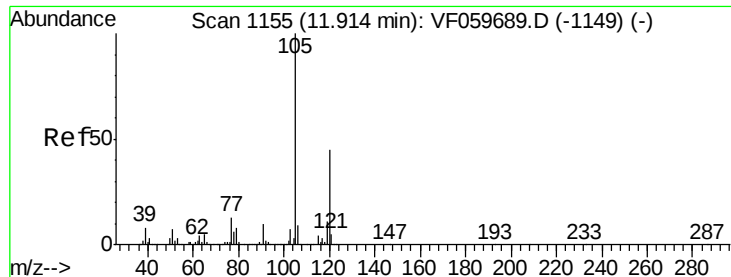
126 0.0 15.4 46.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#80

1,3,5-Trimethylbenzene

Concen: 241.35 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

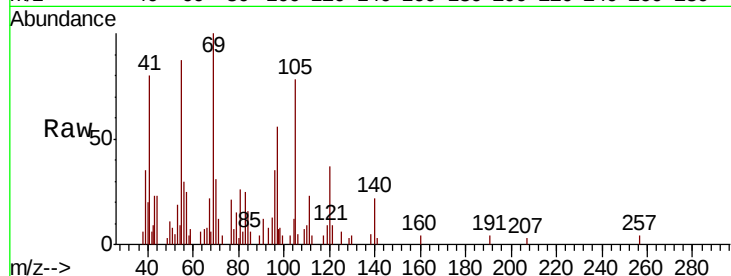
UST-SRE

Tot Ion:105 Resp: 4411

Ion Ratio Lower Upper

105 100

120 47.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.91

2500

2000

1500

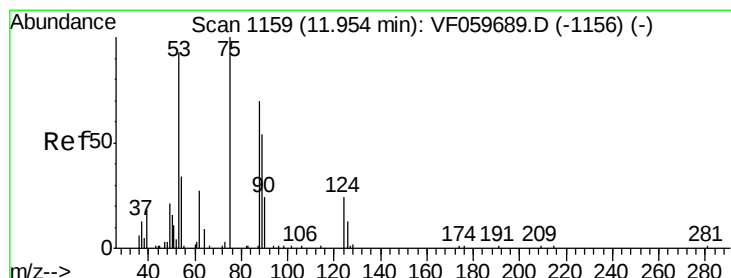
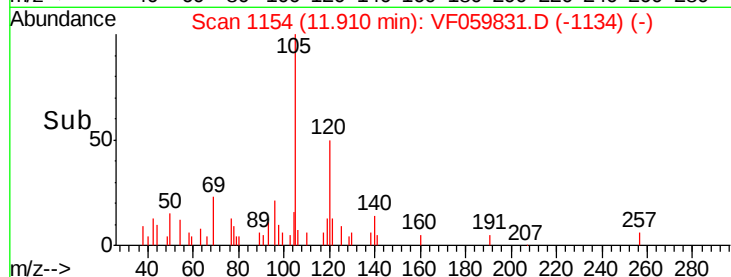
1000

500

0

11.85 11.90 11.95

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 38.22 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

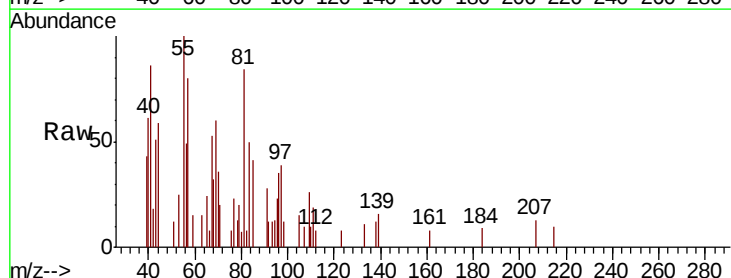
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

53 330.8 78.3 117.5#

89 0.0 45.4 68.2#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

800

600

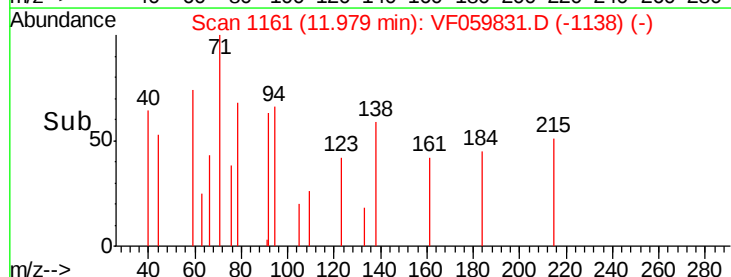
400

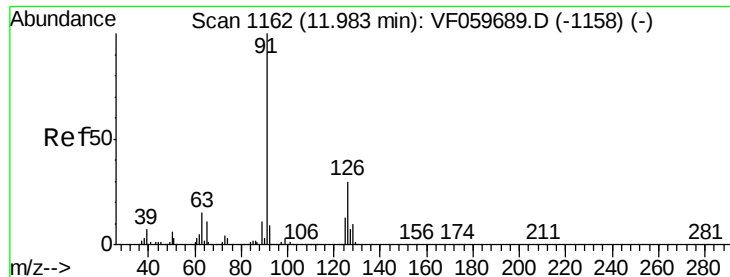
200

0

11.96 11.98

Time-->

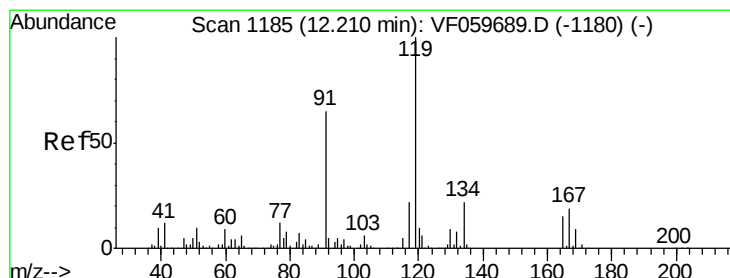
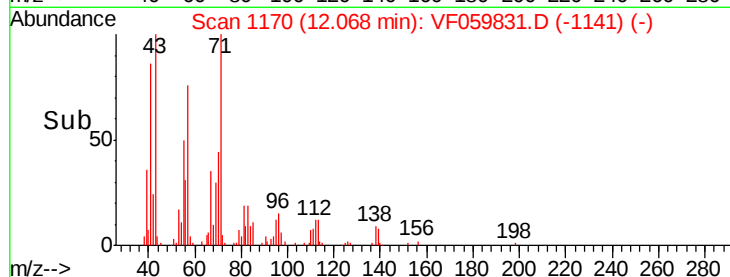
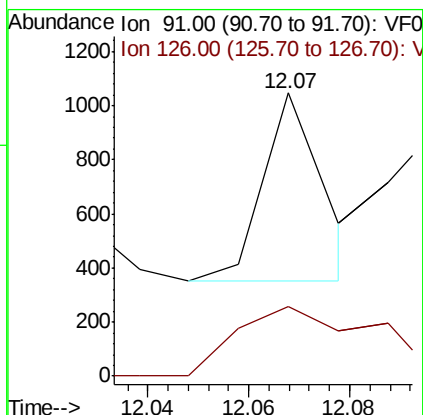
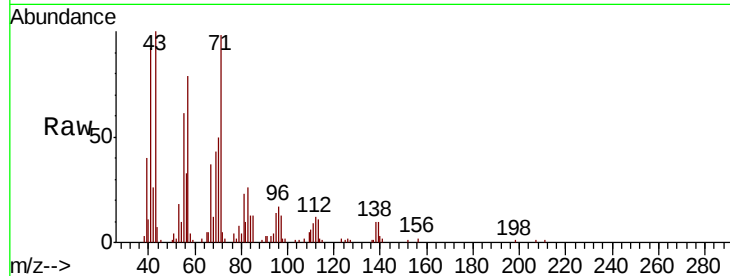




#82
4-Chlorotoluene
Concen: 32.06 ug/l
RT: 12.07 min Scan# 1170
Delta R.T. 0.08 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

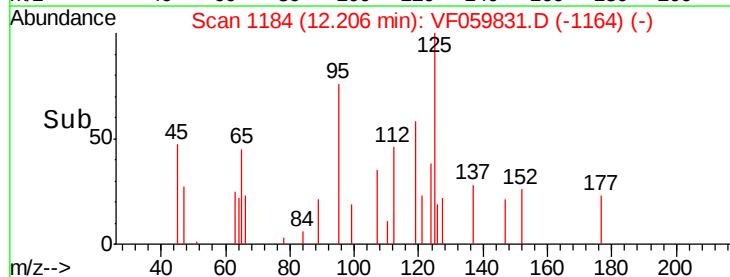
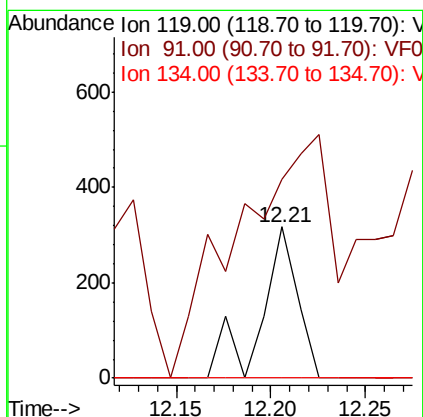
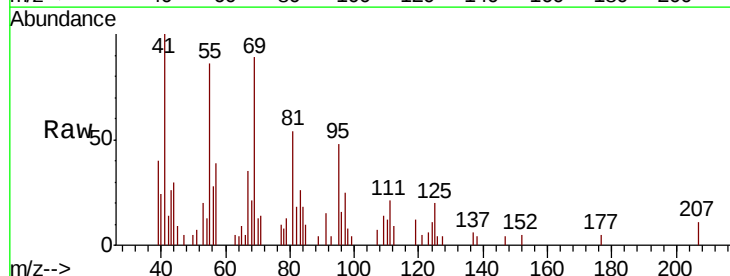
Instrument :
MSVOA_F
ClientSampled :
UST-SRE

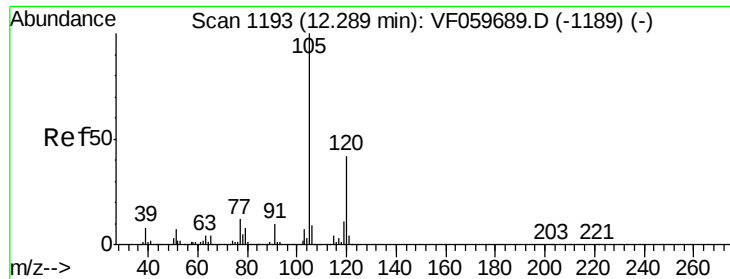
Tot Ion: 91 Resp: 574
Ion Ratio Lower Upper
91 100
126 24.6 15.2 45.6



#83
tert-Butylbenzene
Concen: 19.08 ug/l
RT: 12.21 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VF059831.D
Acq: 3 Aug 2018 11:01

Tgt Ion: 119 Resp: 426
Ion Ratio Lower Upper
119 100
91 131.9 32.8 98.4#
134 0.0 10.9 32.7#

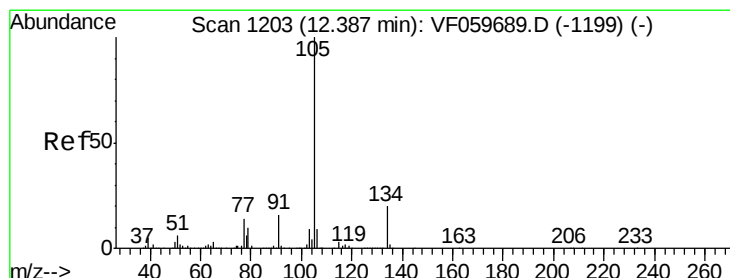
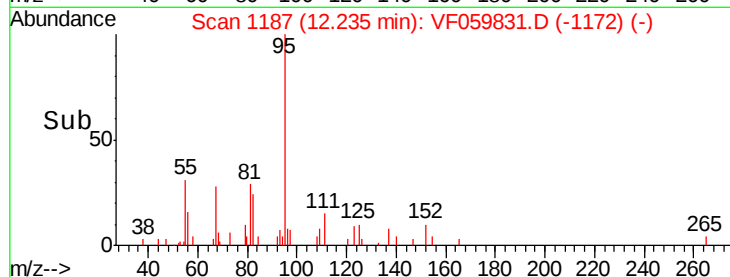
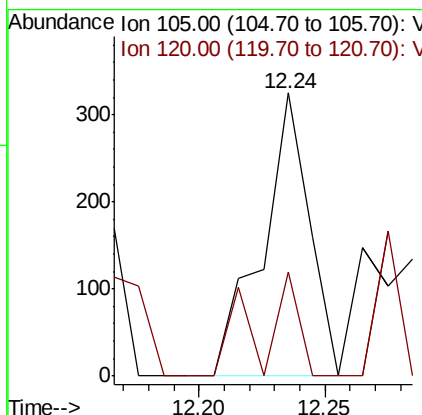
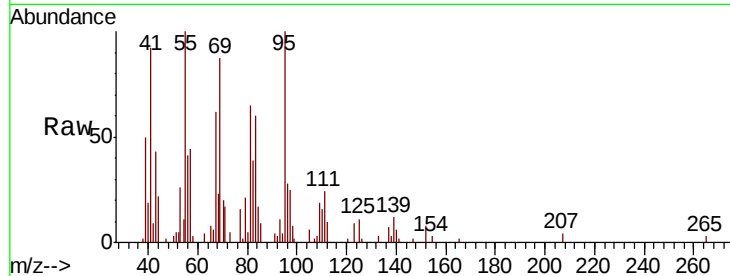




#84
 1,2,4-Trimethylbenzene
 Concen: 18.37 ug/l
 RT: 12.24 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

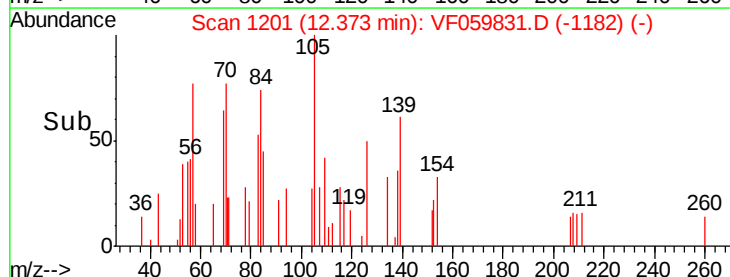
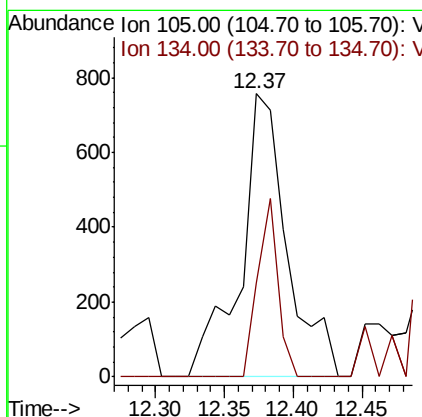
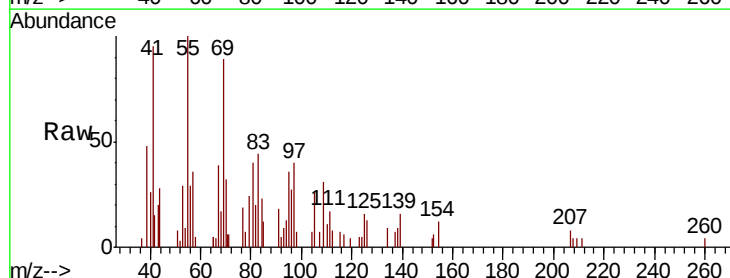
Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

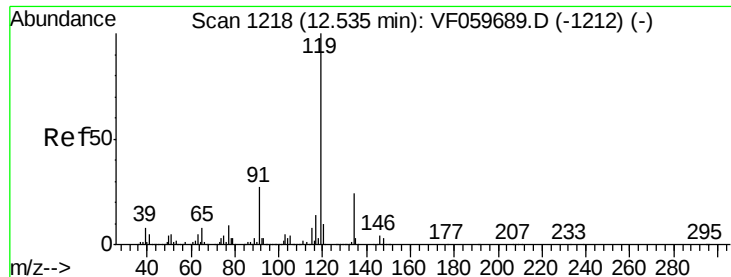
Tot Ion:105 Resp: 425
 Ion Ratio Lower Upper
 105 100
 120 36.9 21.1 63.3



#85
 sec-Butylbenzene
 Concen: 72.76 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Tgt Ion:105 Resp: 1786
 Ion Ratio Lower Upper
 105 100
 134 33.3 9.8 29.3#

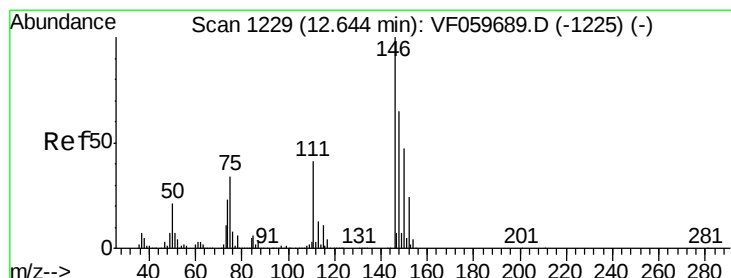
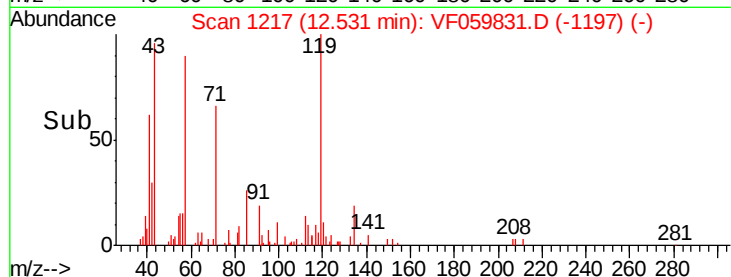
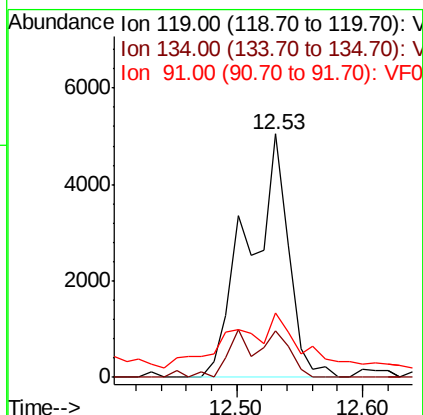
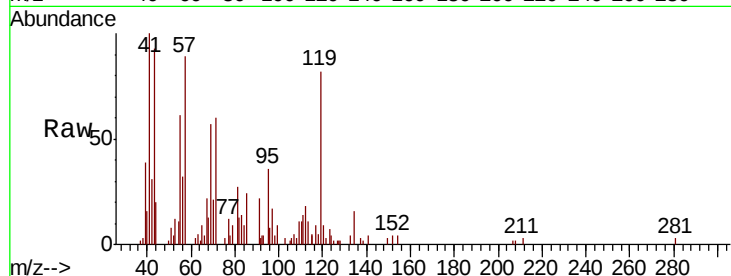




#86
 p-Isopropyltoluene
 Concen: 561.76 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

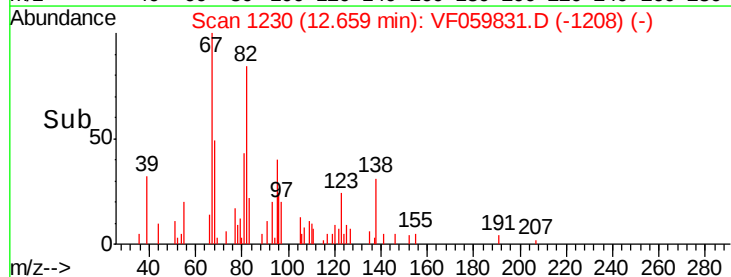
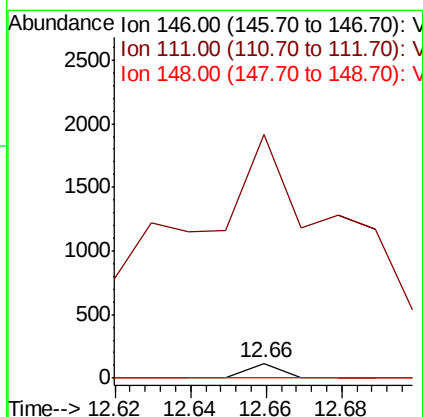
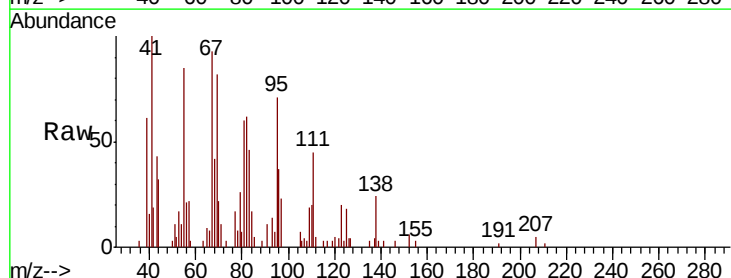
Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

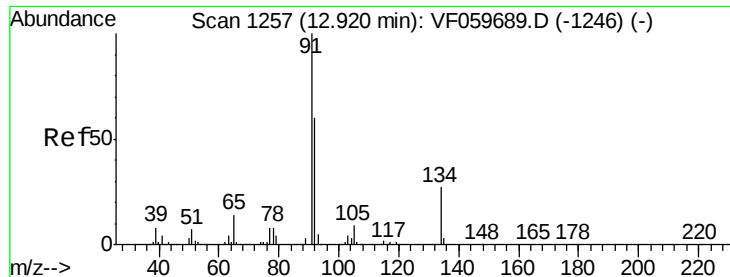
Tot Ion:119 Resp: 11172
 Ion Ratio Lower Upper
 119 100
 134 19.1 12.2 36.6
 91 26.3 13.4 40.2



#88
 1,4-Dichlorobenzene
 Concen: 2.57 ug/l
 RT: 12.66 min Scan# 1230
 Delta R.T. 0.02 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Tgt Ion:146 Resp: 69
 Ion Ratio Lower Upper
 146 100
 111 1650.0 20.8 62.2#
 148 0.0 32.3 96.9#





#89

n-Butylbenzene

Concen: 224.33 ug/l

RT: 12.90 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampleId :

UST-SRE

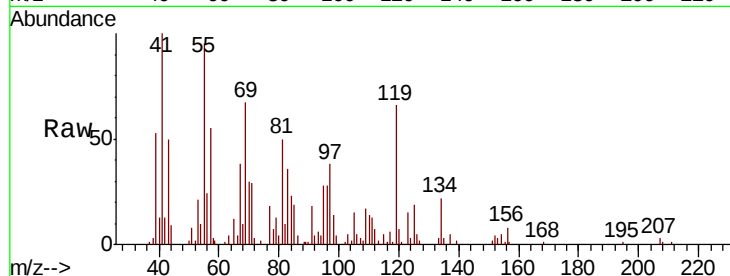
Tot Ion: 91 Resp: 4294

Ion Ratio Lower Upper

91 100

92 22.5 30.1 90.3#

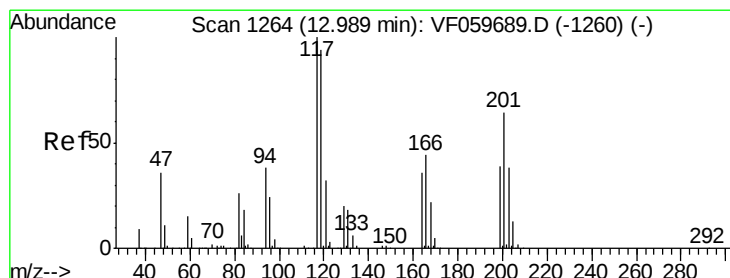
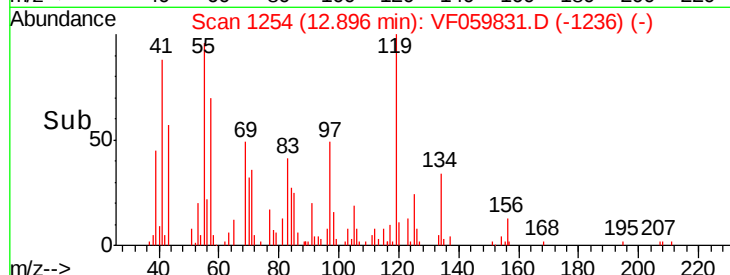
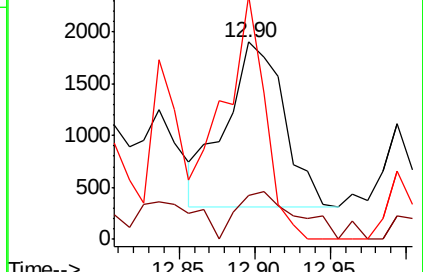
134 123.5 13.7 41.0#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 109.05 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VF059831.D

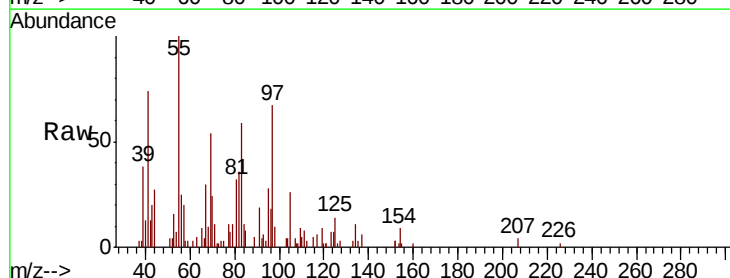
Acq: 3 Aug 2018 11:01

Tgt Ion: 117 Resp: 684

Ion Ratio Lower Upper

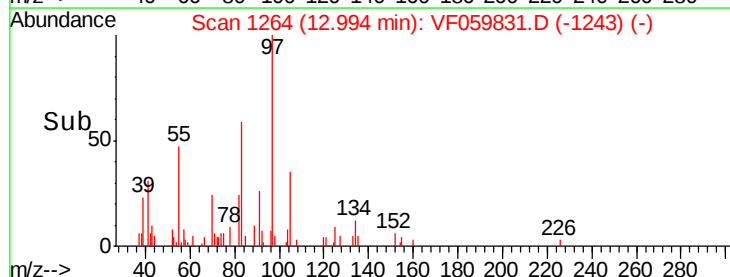
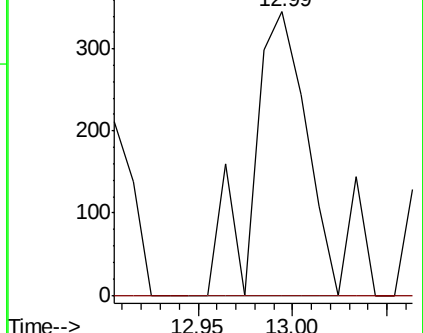
117 100

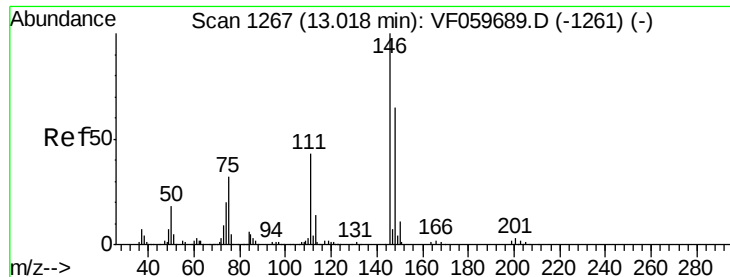
201 0.0 31.9 95.5#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 2.19 ug/l

RT: 13.04 min Scan# 1269

Delta R.T. 0.03 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

Instrument :

MSVOA_F

ClientSampled :

UST-SRE

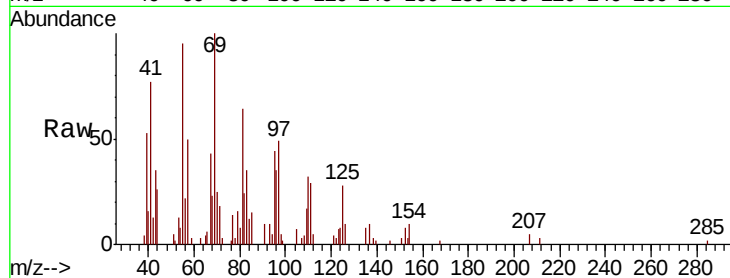
Tot Ion:146 Resp: 66

Ion Ratio Lower Upper

146 100

111 1293.8 21.6 65.0#

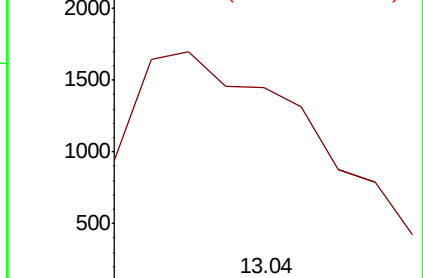
148 0.0 32.3 96.9#



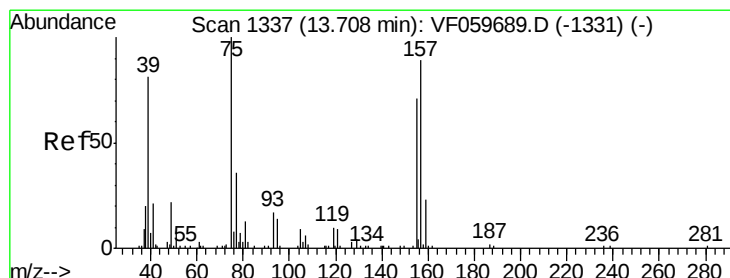
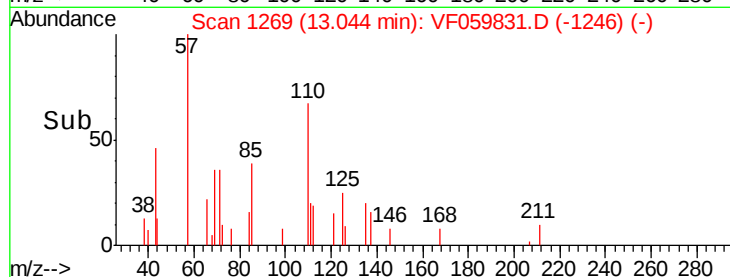
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 177.39 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. -0.02 min

Lab File: VF059831.D

Acq: 3 Aug 2018 11:01

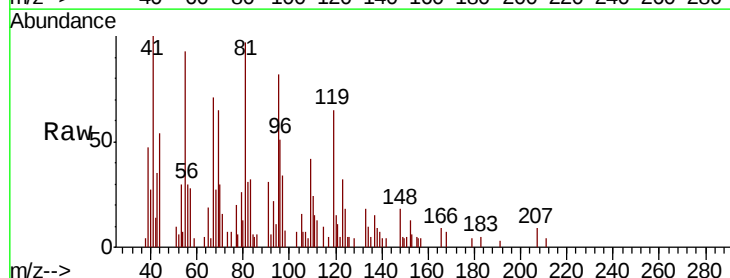
Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

155 64.7 35.4 106.2

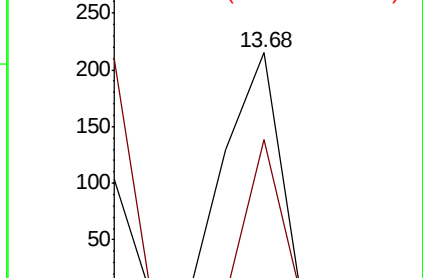
157 0.0 44.4 133.2#



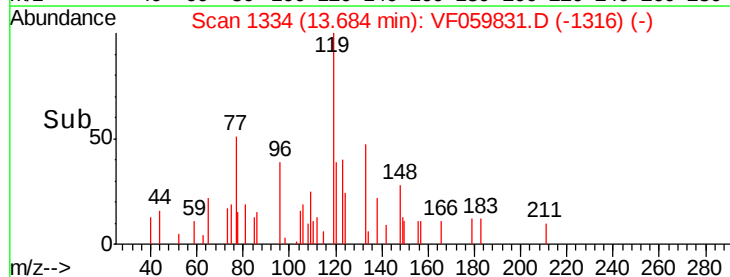
Abundance Ion 75.00 (74.70 to 75.70): VF0

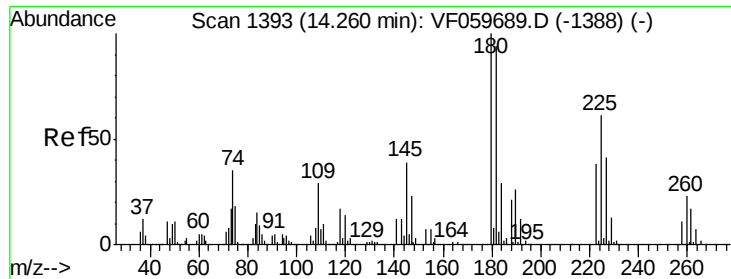
Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



Time-->

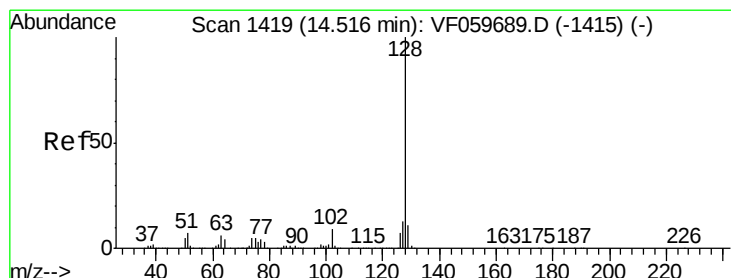
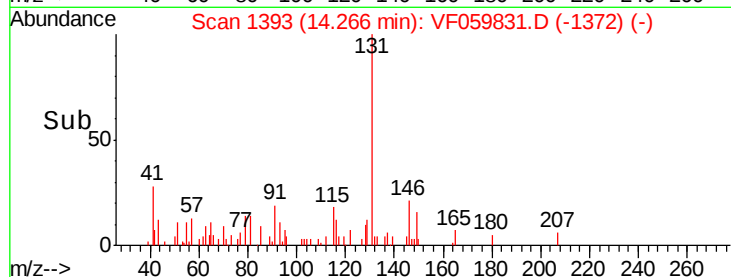
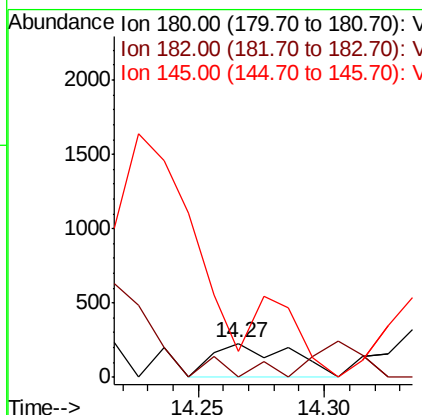
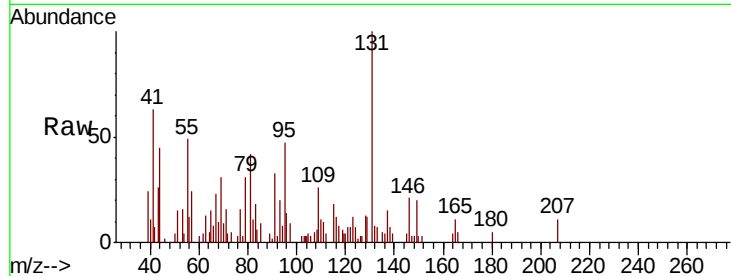




#93
 1,2,4-Trichlorobenzene
 Concen: 60.48 ug/l
 RT: 14.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

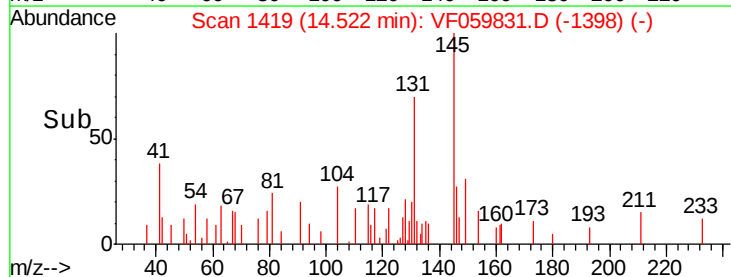
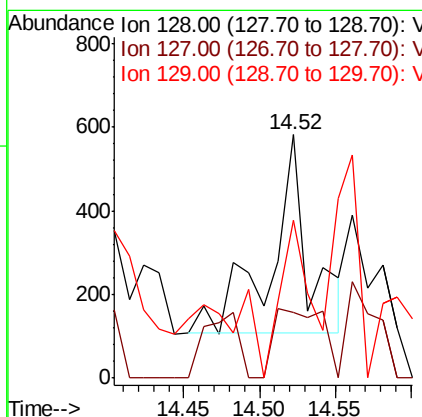
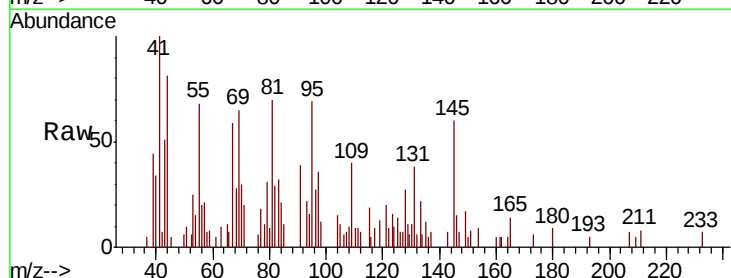
Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

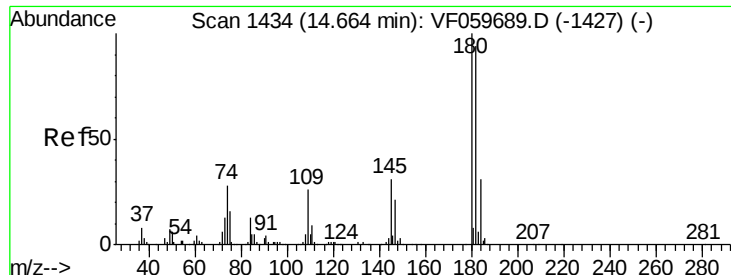
Tot Ion:180 Resp: 491
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.2 141.6#
 145 76.5 19.3 57.9#



#95
 Naphthalene
 Concen: 51.71 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Tgt Ion:128 Resp: 845
 Ion Ratio Lower Upper
 128 100
 127 26.8 10.0 15.0#
 129 64.9 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 57.91 ug/l
 RT: 14.69 min Scan# 1436
 Delta R.T. 0.03 min
 Lab File: VF059831.D
 Acq: 3 Aug 2018 11:01

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-SRE

Tot Ion:180 Resp: 523
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.2 141.6#
 145 0.0 15.6 46.7#

