

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024825.D
 Acq On : 21 Jun 2018 20:57
 Operator : MD/SY
 Sample : J3539-05MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Quant Time: Jun 22 03:54:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	133321	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
35) Dibromofluoromethane	4.89	113	106952	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	7.57	98	386436	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	10.31	95	149272	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	91678	45.194	ug/l	98
3) Chloromethane	1.33	50	103043	49.720	ug/l	100
4) Vinyl Chloride	1.40	62	105773	49.489	ug/l	98
5) Bromomethane	1.62	94	60847	58.891	ug/l	98
6) Chloroethane	1.69	64	69506	58.374	ug/l	100
7) Trichlorofluoromethane	1.89	101	165506	50.742	ug/l	100
8) Diethyl Ether	2.10	74	63890	57.853	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84261	41.640	ug/l	98
10) Methyl Iodide	2.41	142	91854	53.252	ug/l	99
11) Tert butyl alcohol	2.82	59	145316	225.829	ug/l	100
12) 1,1-Dichloroethene	2.28	96	88034	47.705	ug/l	93
13) Acrolein	2.19	56	69084	204.447	ug/l	97
14) Allyl chloride	2.59	41	122523	35.759	ug/l	99
15) Acrylonitrile	2.93	53	320808	256.245	ug/l	100
16) Acetone	2.32	43	304039	213.875	ug/l	98
17) Carbon Disulfide	2.48	76	250294	42.358	ug/l	99
18) Methyl Acetate	2.62	43	99419	32.622	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	347473	50.092	ug/l	97
20) Methylene Chloride	2.70	84	104128	46.683	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	96554	47.505	ug/l	96
22) Diisopropyl ether	3.57	45	335018	49.324	ug/l	96
23) Vinyl Acetate	3.53	43	847828	139.344	ug/l	98
24) 1,1-Dichloroethane	3.45	63	194429	49.759	ug/l	99
25) 2-Butanone	4.26	43	470267	246.278	ug/l	98
26) 2,2-Dichloropropane	4.23	77	34496	9.297	ug/l #	75
27) cis-1,2-Dichloroethene	4.23	96	122049	52.232	ug/l	90
28) Bromochloromethane	4.55	49	87383	50.772	ug/l	89
29) Tetrahydrofuran	4.63	42	300763	254.348	ug/l	97
30) Chloroform	4.68	83	204482	51.703	ug/l	100
31) Cyclohexane	5.00	56	168815	48.596	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	184209	50.369	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140989	43.877	ug/l	97
37) Ethyl Acetate	4.38	43	111311	31.783	ug/l	98
38) Carbon Tetrachloride	5.14	117	165181	46.747	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024825.D
 Acq On : 21 Jun 2018 20:57
 Operator : MD/SY
 Sample : J3539-05MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Quant Time: Jun 22 03:54:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	152895	38.129	ug/l	96
40) Benzene	5.39	78	434225	47.424	ug/l	99
41) Methacrylonitrile	4.54	41	97677	51.728	ug/l	99
42) 1,2-Dichloroethane	5.41	62	173178	49.661	ug/l	99
43) Isopropyl Acetate	5.55	43	212678	35.131	ug/l	100
44) Trichloroethene	6.19	130	154287	59.209	ug/l	96
45) 1,2-Dichloropropane	6.44	63	117186	47.967	ug/l	96
46) Dibromomethane	6.56	93	84307	49.129	ug/l	95
47) Bromodichloromethane	6.76	83	160448	46.954	ug/l	99
48) Methyl methacrylate	6.62	41	141778	48.095	ug/l	97
49) 1,4-Dioxane	6.61	88	61566	1067.948	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	932698	245.233	ug/l	98
52) Toluene	7.64	92	277810	47.161	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	137177	35.747	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	143330	35.052	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	117366	49.014	ug/l	96
56) Ethyl methacrylate	8.02	69	190198	47.457	ug/l	99
57) 1,3-Dichloropropane	8.25	76	195286	48.346	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	481	0.313	ug/l #	50
59) 2-Hexanone	8.36	43	741206	238.710	ug/l	99
60) Dibromochloromethane	8.48	129	137601	46.083	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127308	47.767	ug/l	97
64) Tetrachloroethene	8.23	164	103041	41.432	ug/l	94
65) Chlorobenzene	9.12	112	316406	47.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120753	47.552	ug/l	98
67) Ethyl Benzene	9.25	91	541926	46.249	ug/l	97
68) m/p-Xylenes	9.38	106	419943	93.331	ug/l	98
69) o-Xylene	9.78	106	212155	47.643	ug/l	97
70) Styrene	9.80	104	343722	46.971	ug/l	99
71) Bromoform	9.96	173	108932	45.132	ug/l #	99
73) Isopropylbenzene	10.17	105	565339	47.525	ug/l	98
74) N-amyl acetate	10.01	43	153016	27.043	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	198018	49.675	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	201119	58.958	ug/l	82
77) Bromobenzene	10.45	156	146697	48.711	ug/l	95
78) n-propylbenzene	10.59	91	626517	44.710	ug/l	98
79) 2-Chlorotoluene	10.66	91	389954	47.189	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	485906	47.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	201119	136.453	ug/l #	100
82) 4-Chlorotoluene	10.78	91	443352	46.095	ug/l	99
83) tert-Butylbenzene	11.10	119	492092	49.616	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	494474	47.060	ug/l	100
85) sec-Butylbenzene	11.33	105	566948	45.667	ug/l	97
86) p-Isopropyltoluene	11.48	119	501586	45.112	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260569	46.832	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	263330	47.023	ug/l	99
89) n-Butylbenzene	11.89	91	390048	39.513	ug/l	96
90) Hexachloroethane	12.15	117	95460	44.011	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	275613	49.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53935	49.035	ug/l	94

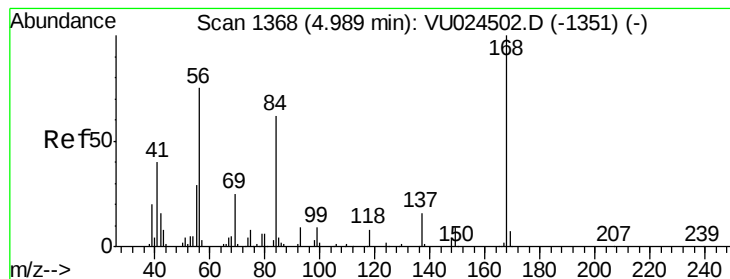
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
Data File : VU024825.D
Acq On : 21 Jun 2018 20:57
Operator : MD/SY
Sample : J3539-05MSD
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Quant Time: Jun 22 03:54:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	171456	49.821	ug/l	99
94) Hexachlorobutadiene	13.70	225	82712	42.701	ug/l	99
95) Naphthalene	13.74	128	617036	54.104	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	186704	54.446	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

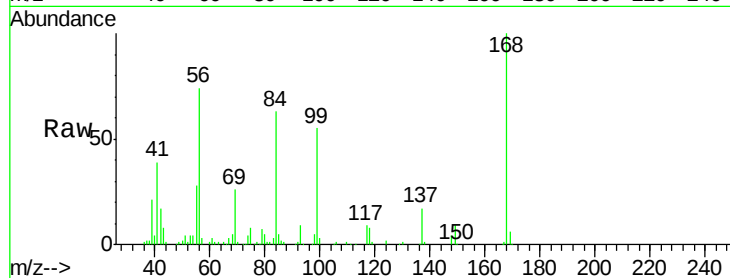
S39-0183MSD

Tot Ion:168 Resp: 162067

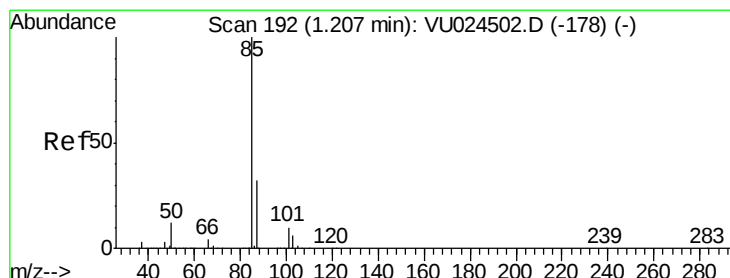
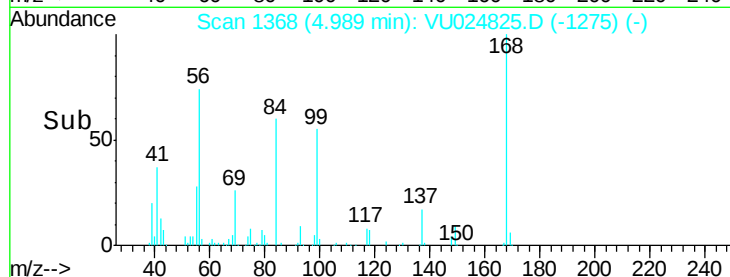
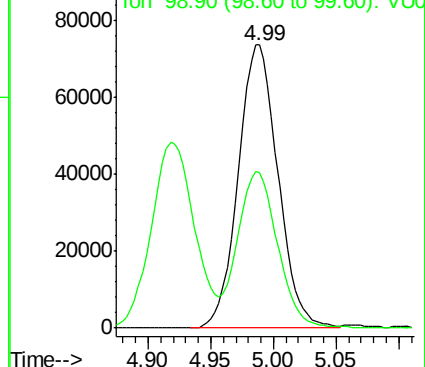
Ion Ratio Lower Upper

168 100

99 54.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 45.194 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024825.D

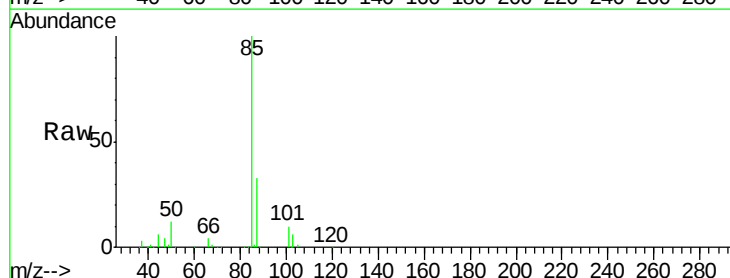
Acq: 21 Jun 2018 20:57

Tgt Ion: 85 Resp: 91678

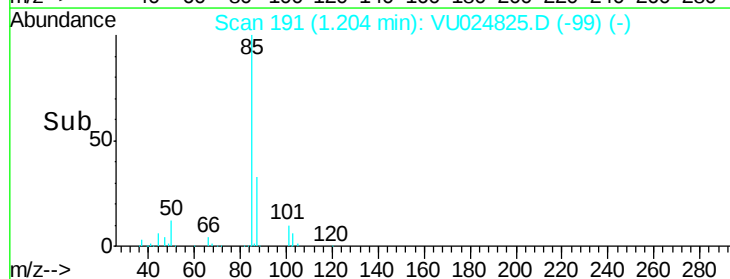
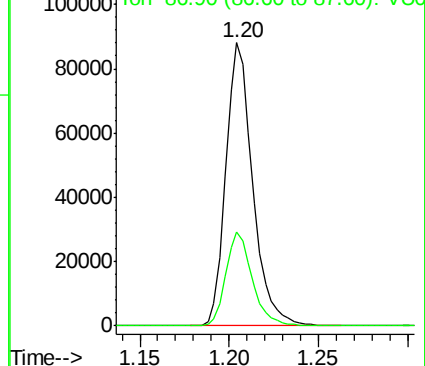
Ion Ratio Lower Upper

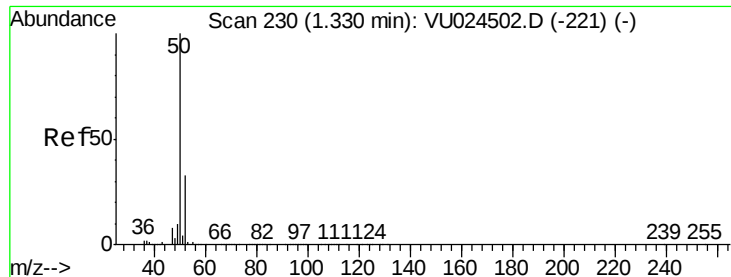
85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 49.720 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

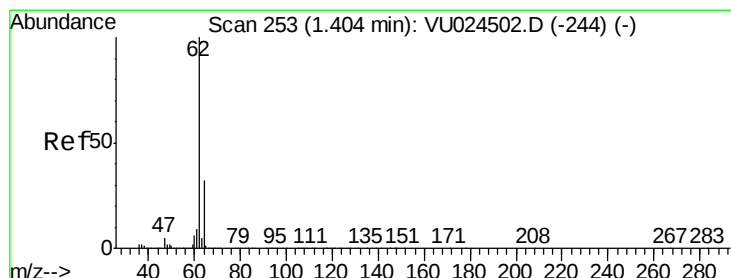
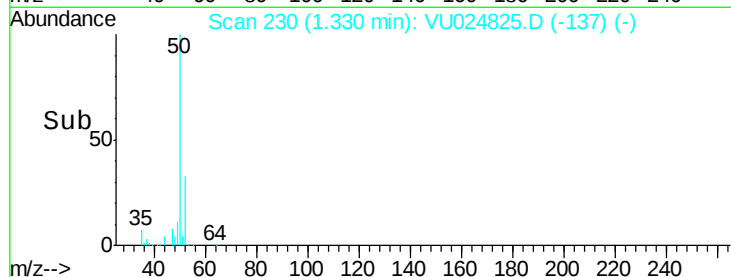
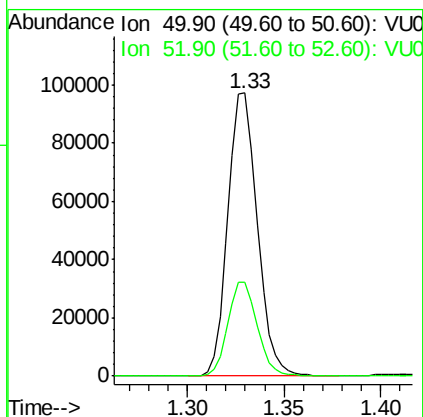
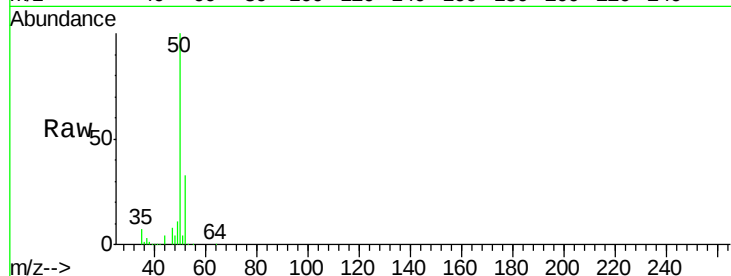
S39-0183MSD

Tot Ion: 50 Resp: 103043

Ion Ratio Lower Upper

50 100

52 33.1 26.4 39.6



#4

Vinyl Chloride

Concen: 49.489 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024825.D

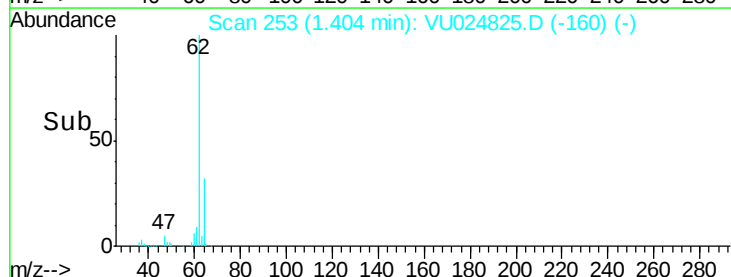
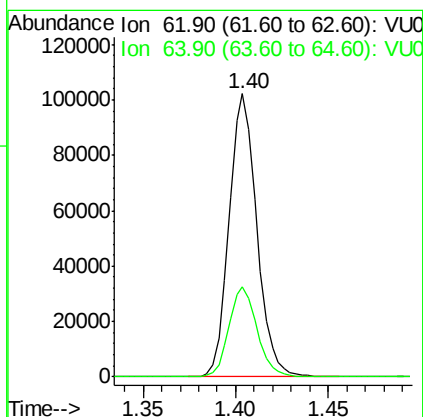
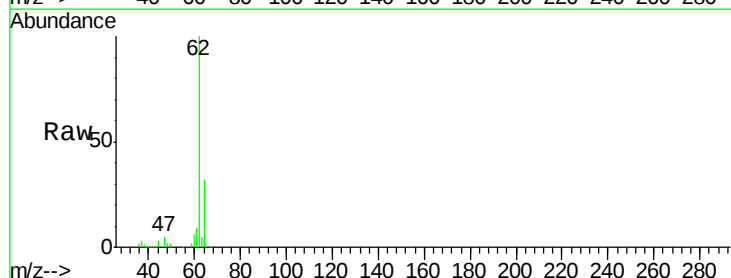
Acq: 21 Jun 2018 20:57

Tgt Ion: 62 Resp: 105773

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 58.891 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

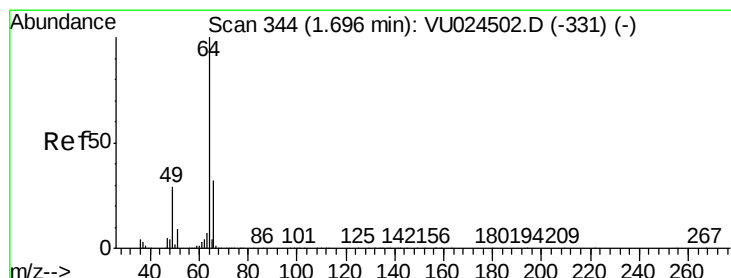
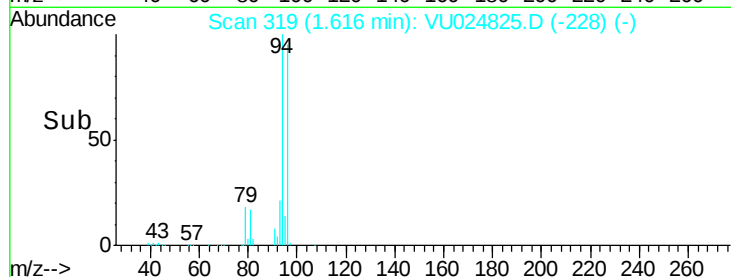
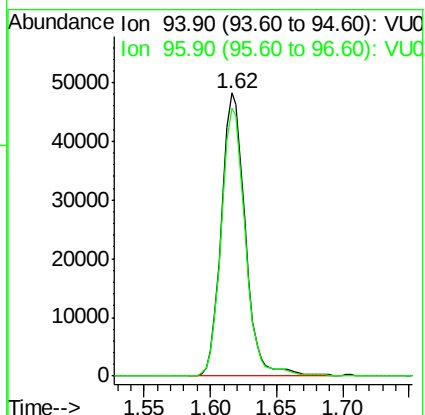
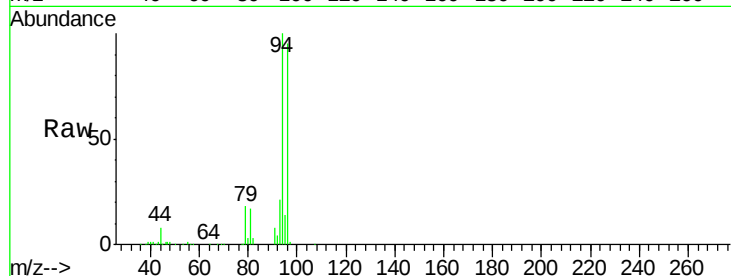
S39-0183MSD

Tot Ion: 94 Resp: 60847

Ion Ratio Lower Upper

94 100

96 94.7 74.5 111.7



#6

Chloroethane

Concen: 58.374 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024825.D

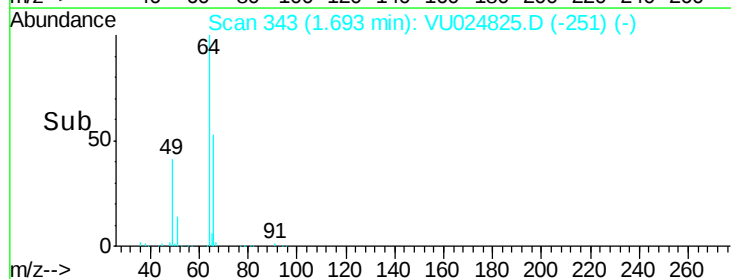
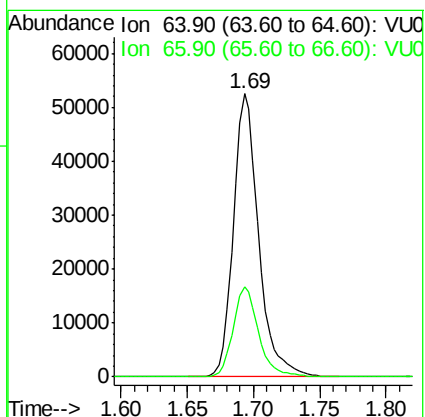
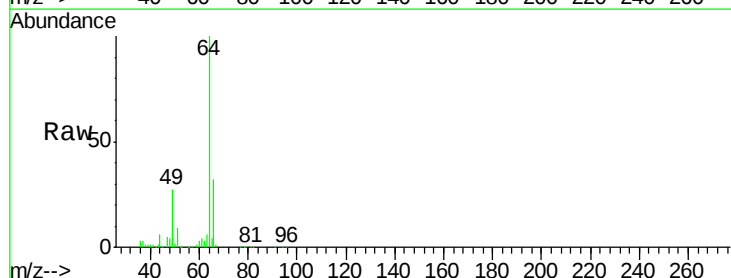
Acq: 21 Jun 2018 20:57

Tgt Ion: 64 Resp: 69506

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3



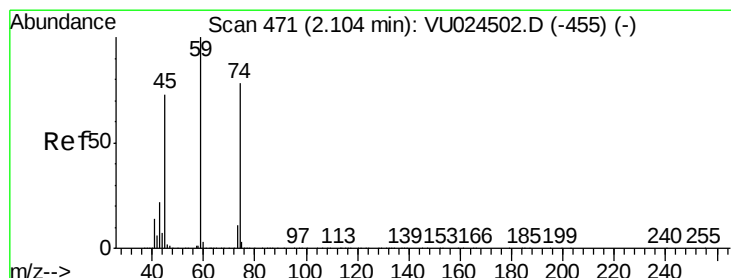
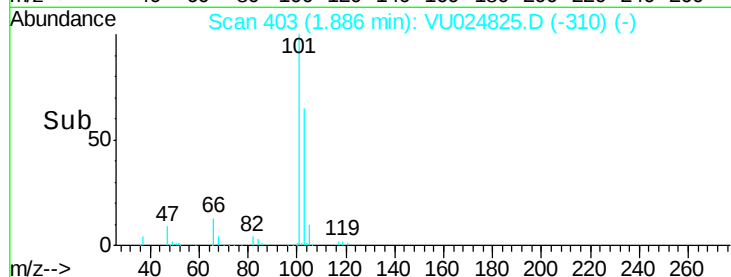
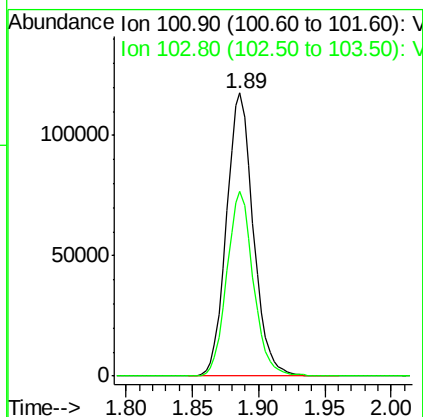
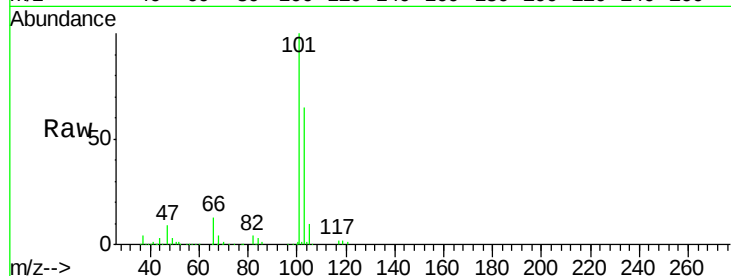


#7

Trichlorofluoromethane
Concen: 50.742 ug/l
RT: 1.89 min Scan# 403
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

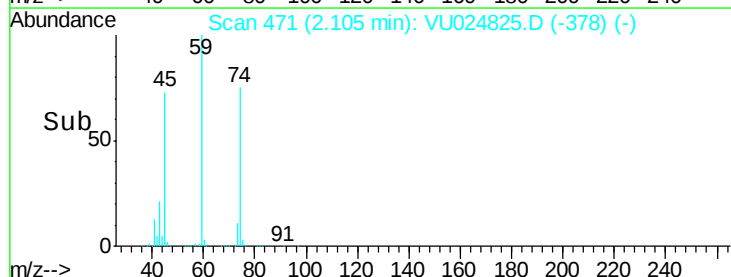
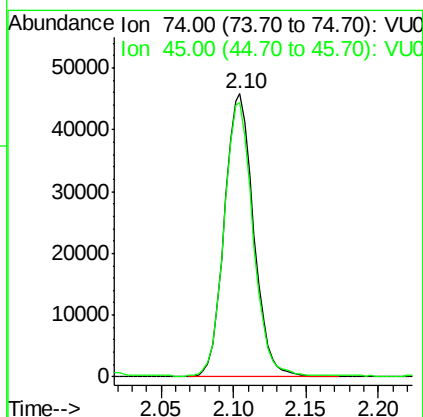
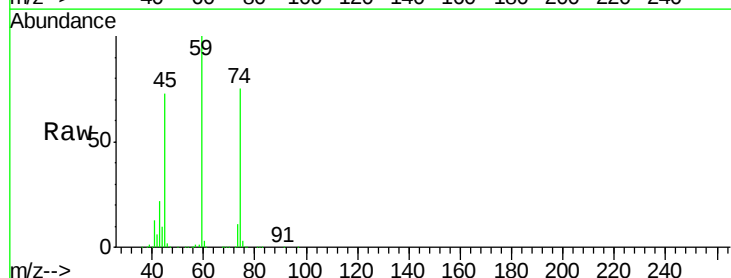
Tot Ion:101 Resp: 165506
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

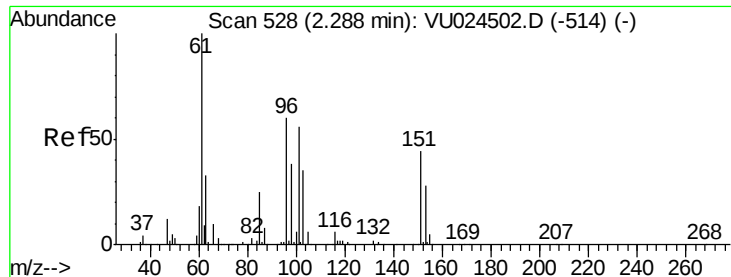


#8

Diethyl Ether
Concen: 57.853 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 74 Resp: 63890
Ion Ratio Lower Upper
74 100
45 96.2 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.640 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

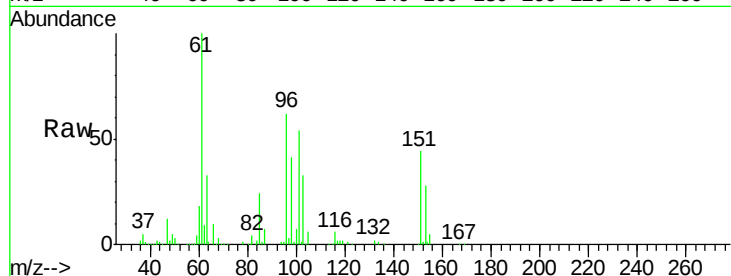
Tot Ion:101 Resp: 84261

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

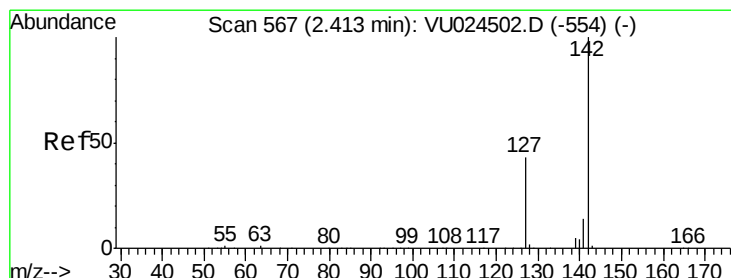
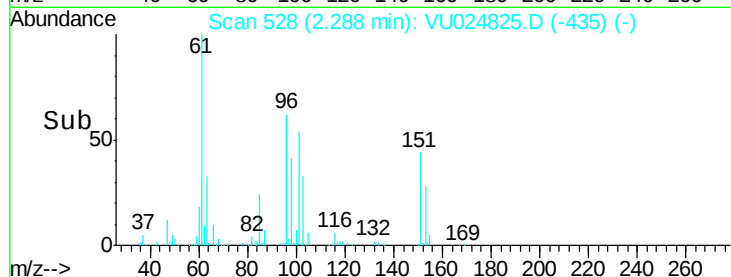
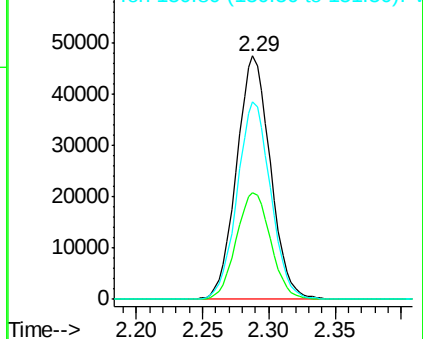
151 80.2 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.252 ug/l

RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

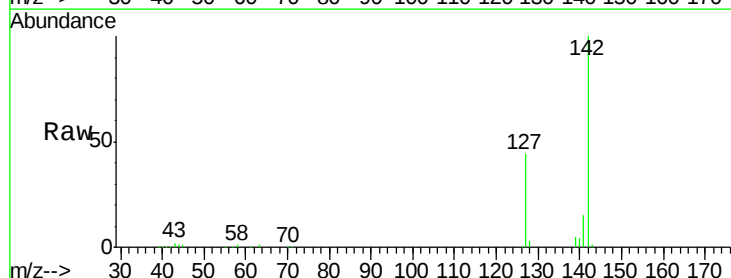
Tgt Ion:142 Resp: 91854

Ion Ratio Lower Upper

142 100

127 45.4 35.6 53.4

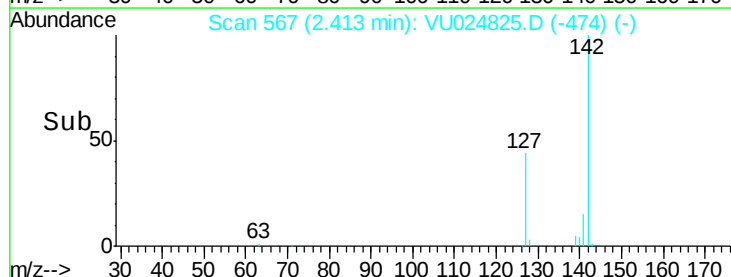
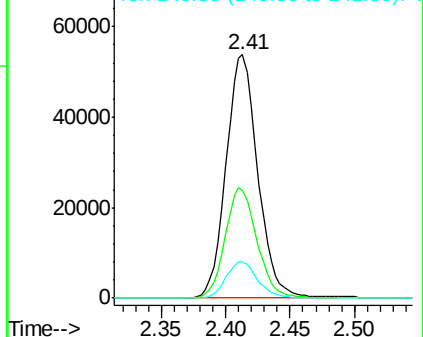
141 14.9 11.7 17.5

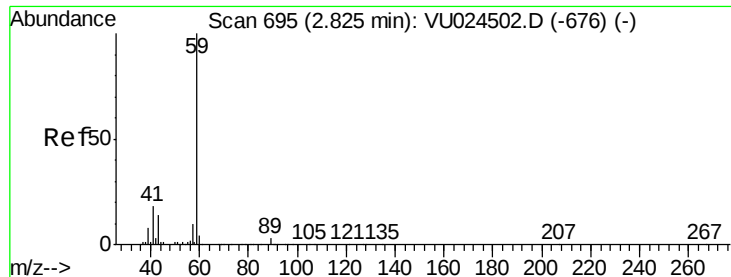


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



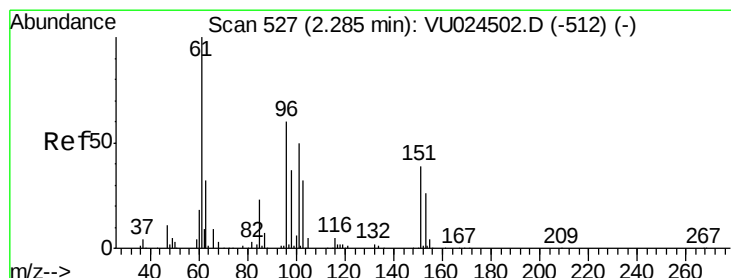
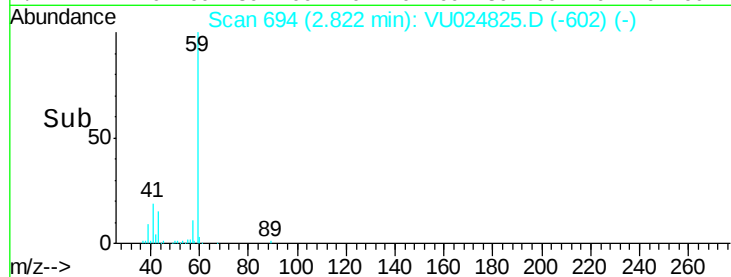
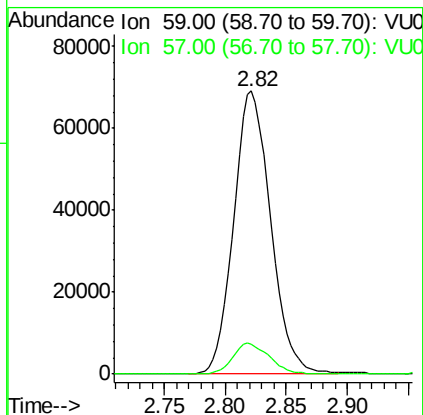
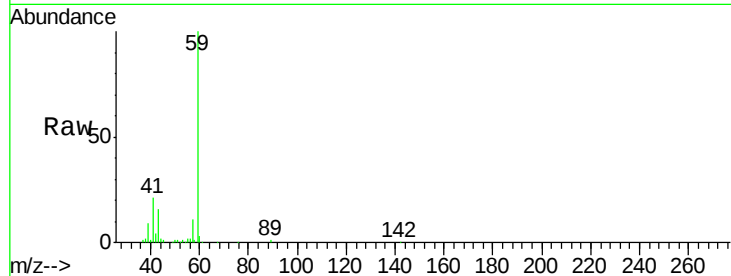


#11

Tert butyl alcohol
 Concen: 225.829 ug/l
 RT: 2.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

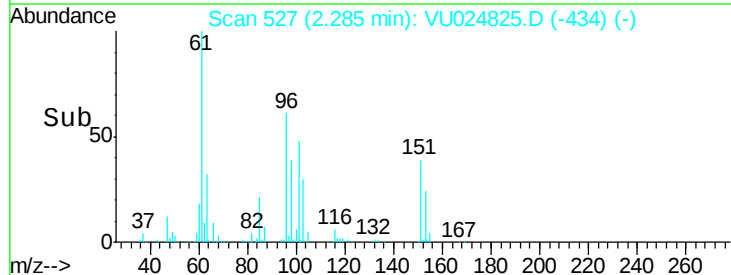
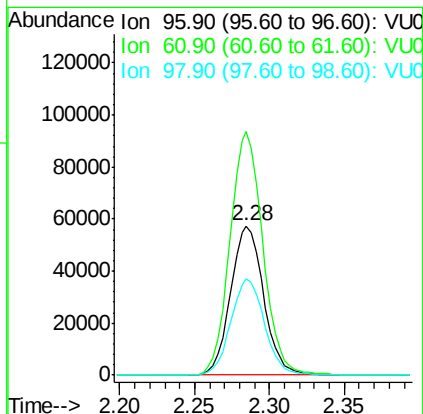
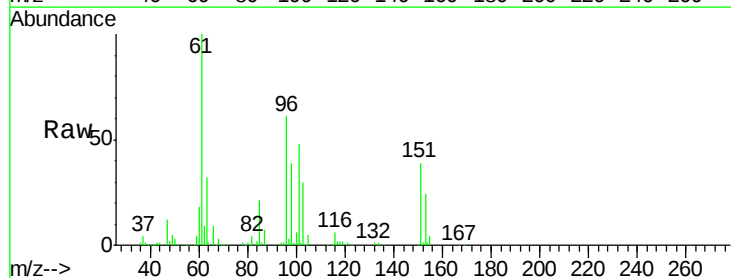
Tot Ion: 59 Resp: 145316
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

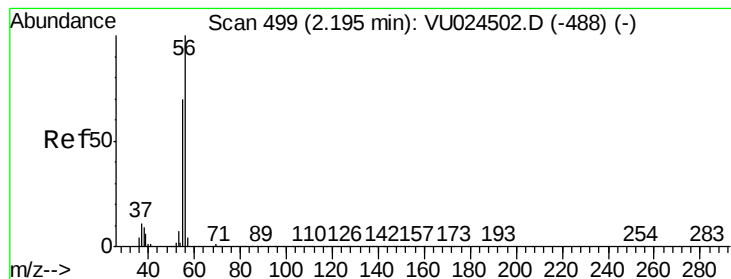


#12

1,1-Dichloroethene
 Concen: 47.705 ug/l
 RT: 2.28 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion: 96 Resp: 88034
 Ion Ratio Lower Upper
 96 100
 61 163.0 141.7 212.5
 98 64.2 51.6 77.4





#13

Acrolein

Concen: 204.447 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

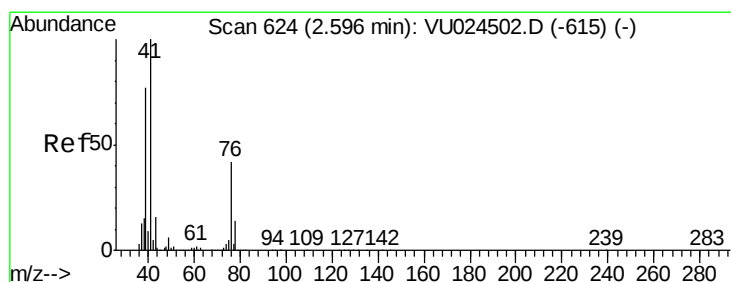
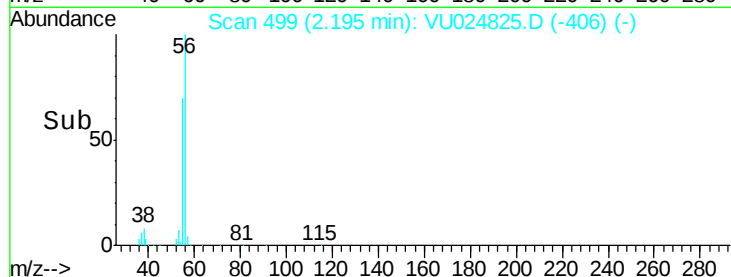
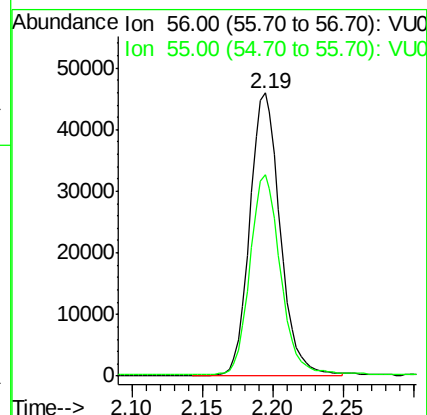
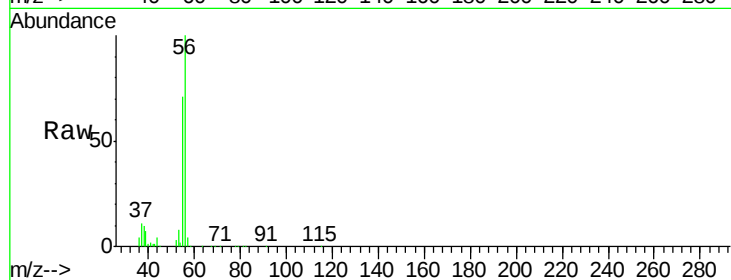
S39-0183MSD

Tot Ion: 56 Resp: 69084

Ion Ratio Lower Upper

56 100

55 70.1 58.4 87.6



#14

Allyl chloride

Concen: 35.759 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

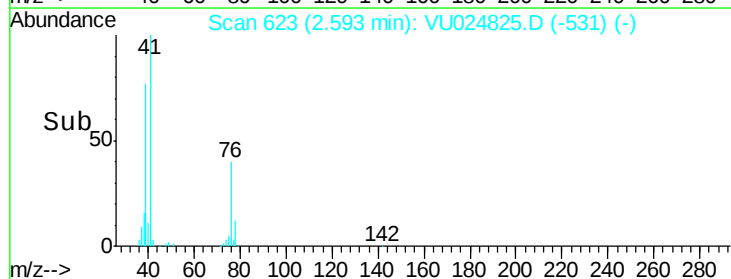
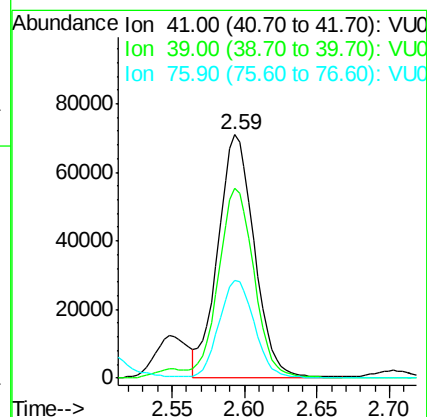
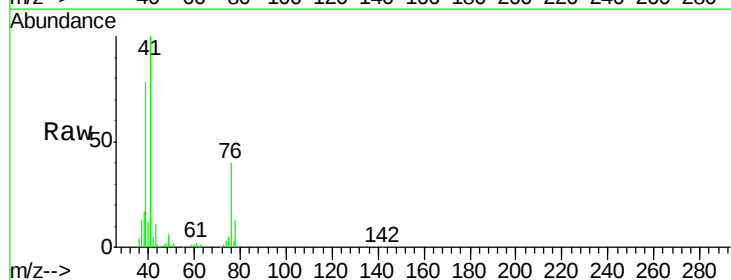
Tgt Ion: 41 Resp: 122523

Ion Ratio Lower Upper

41 100

39 76.7 61.6 92.4

76 39.5 29.7 44.5





#15

Acrylonitrile

Concen: 256.245 ug/l

RT: 2.93 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

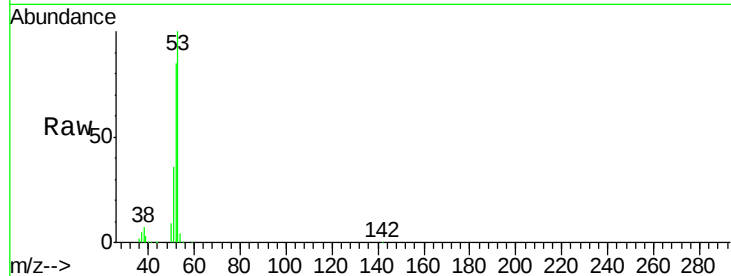
Tot Ion: 53 Resp: 320808

Ion Ratio Lower Upper

53 100

52 84.2 67.1 100.7

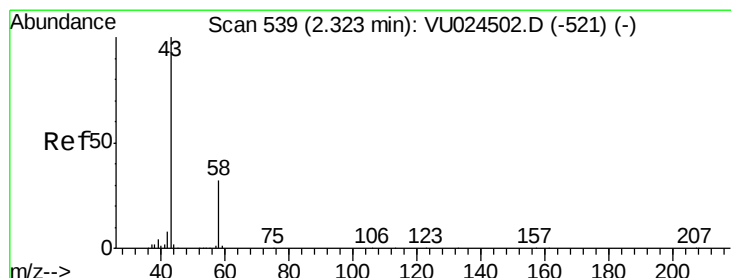
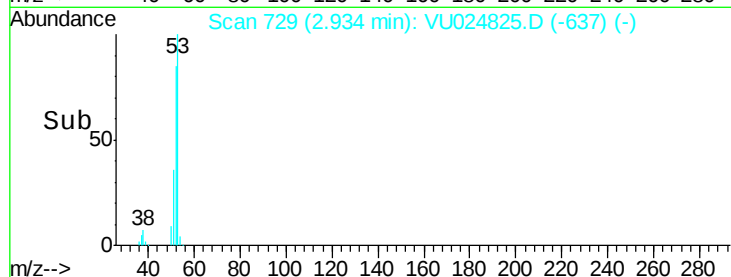
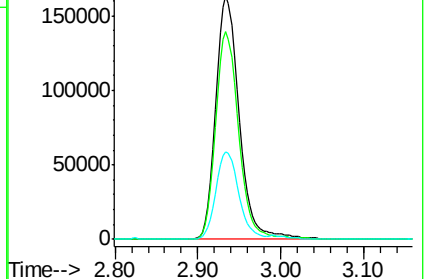
51 35.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VU024825.D (-637) (-)

Ion 52.00 (51.70 to 52.70): VU024825.D (-637) (-)

Ion 51.00 (50.70 to 51.70): VU024825.D (-637) (-)



#16

Acetone

Concen: 213.875 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024825.D

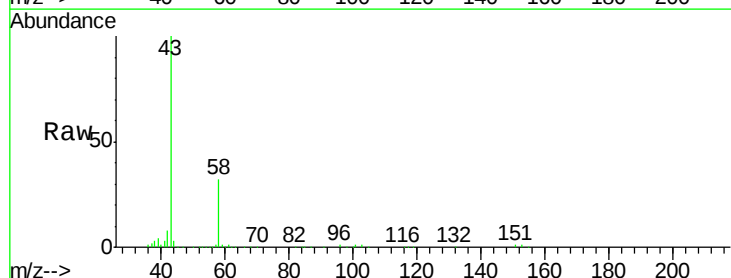
Acq: 21 Jun 2018 20:57

Tgt Ion: 43 Resp: 304039

Ion Ratio Lower Upper

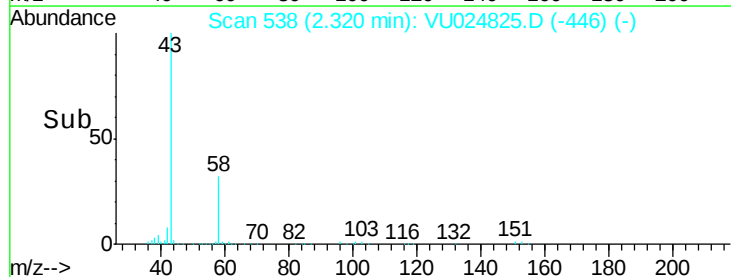
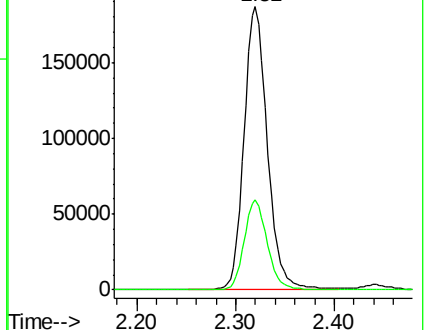
43 100

58 31.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024825.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024825.D (-446) (-)





#17

Carbon Disulfide

Concen: 42.358 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

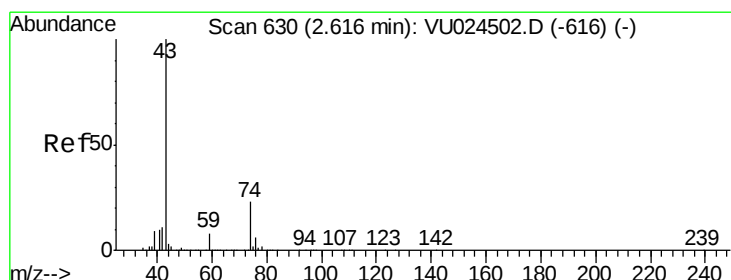
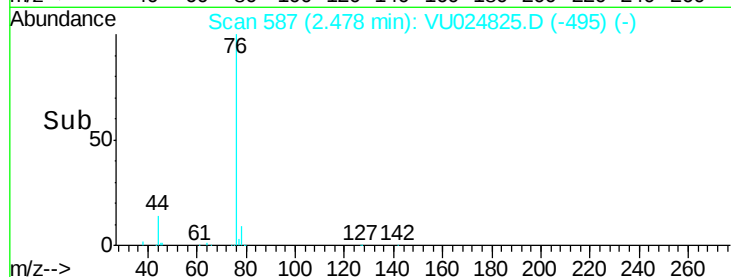
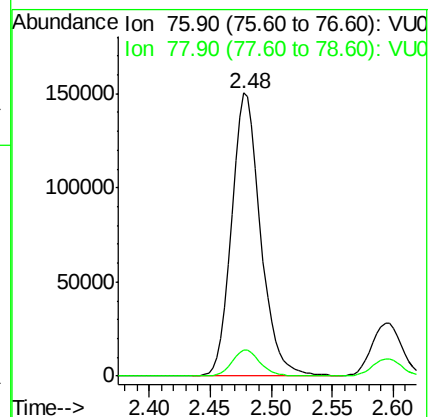
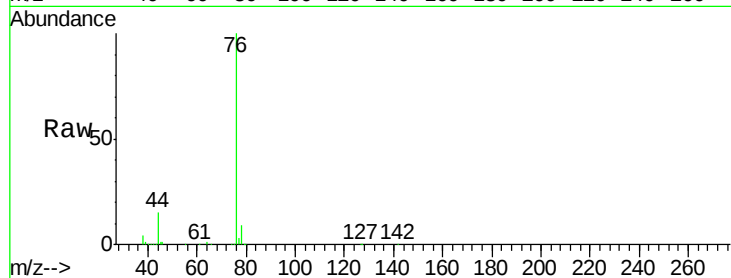
S39-0183MSD

Tot Ion: 76 Resp: 250294

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 32.622 ug/l

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU024825.D

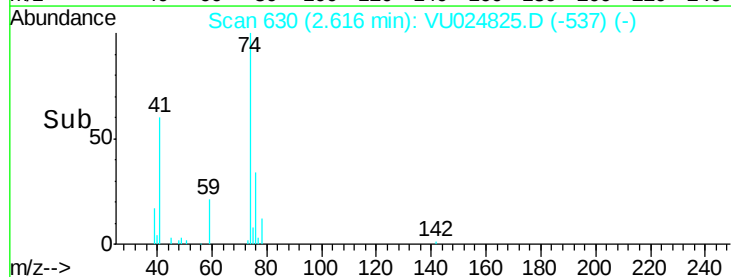
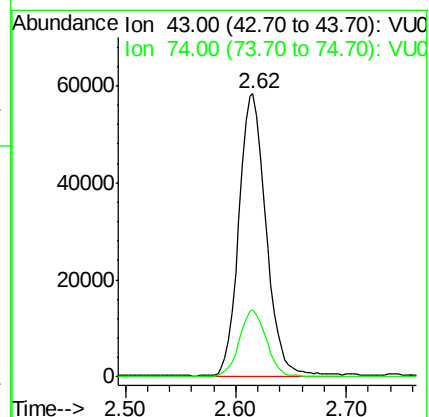
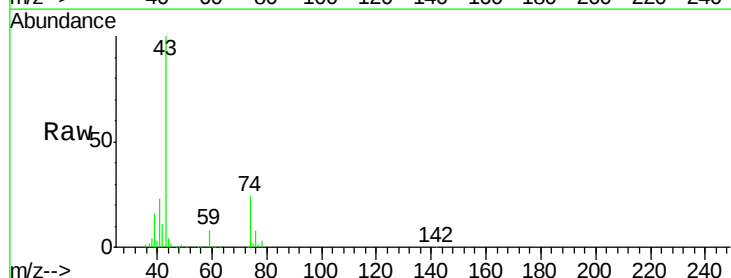
Acq: 21 Jun 2018 20:57

Tgt Ion: 43 Resp: 99419

Ion Ratio Lower Upper

43 100

74 23.8 18.0 27.0

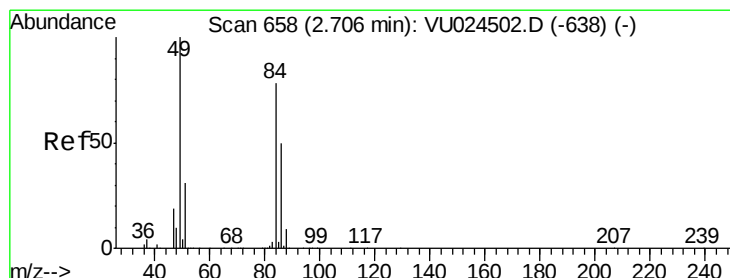
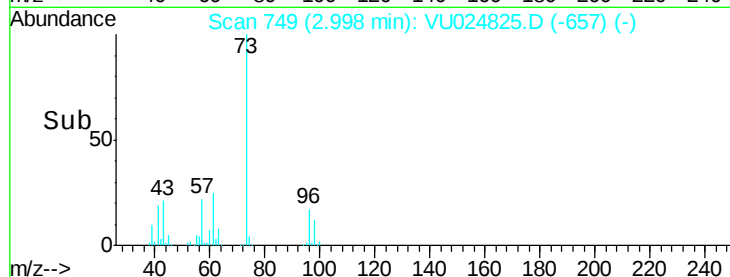
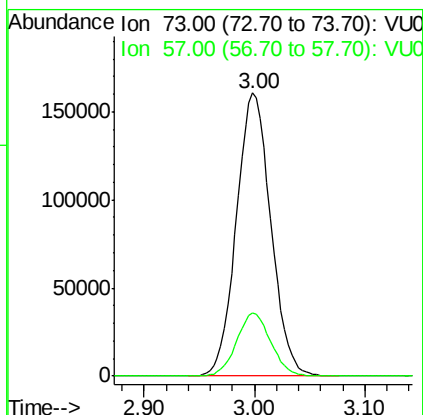
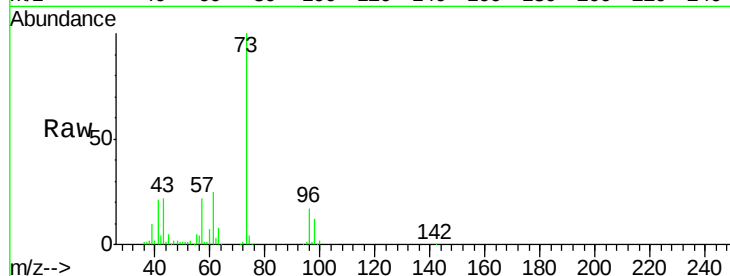




#19
Methvl tert-butvl Ether
Concen: 50.092 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

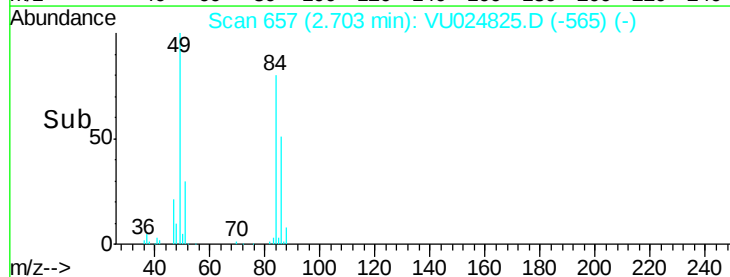
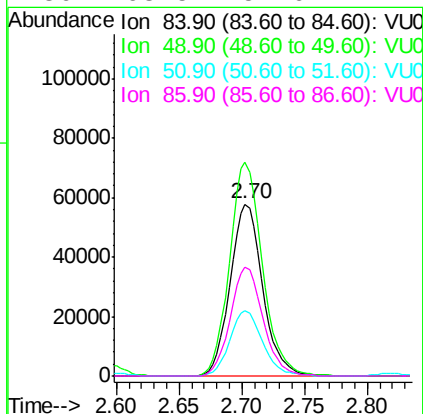
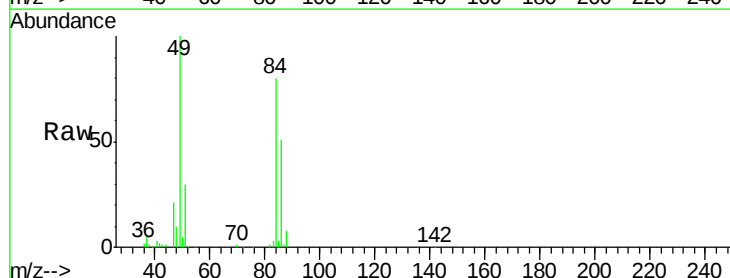
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

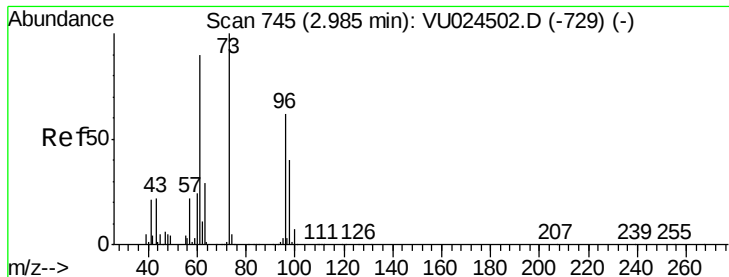
Tot Ion: 73 Resp: 347473
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 46.683 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 84 Resp: 104128
Ion Ratio Lower Upper
84 100
49 124.4 103.8 155.8
51 37.7 32.0 48.0
86 63.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.505 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

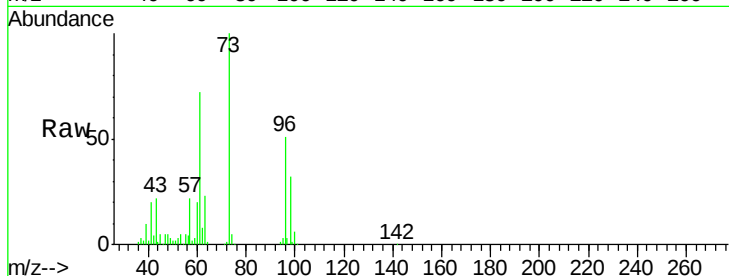
Tot Ion: 96 Resp: 96554

Ion Ratio Lower Upper

96 100

61 142.7 119.4 179.0

98 62.6 51.1 76.7

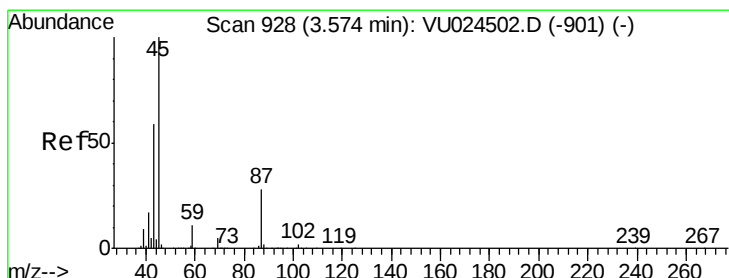
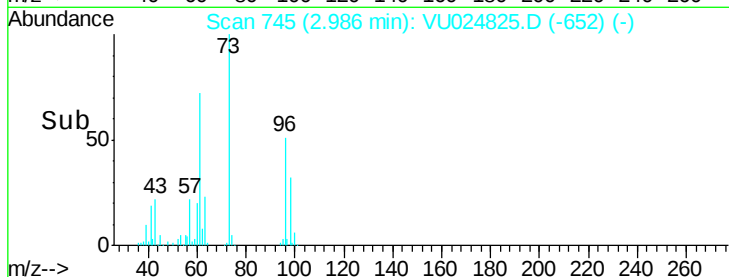
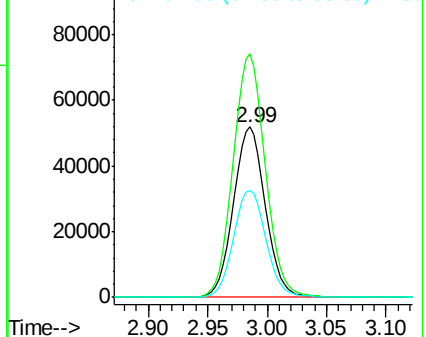


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 49.324 ug/l

RT: 3.57 min Scan# 928

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion: 45 Resp: 335018

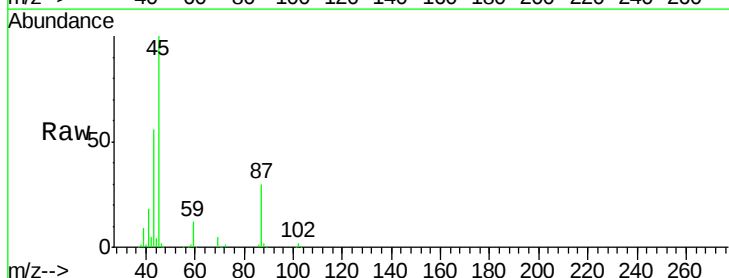
Ion Ratio Lower Upper

45 100

43 55.3 45.8 68.6

87 29.7 20.6 31.0

59 12.1 9.4 14.0



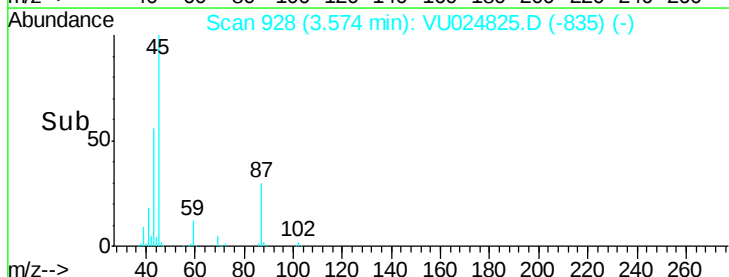
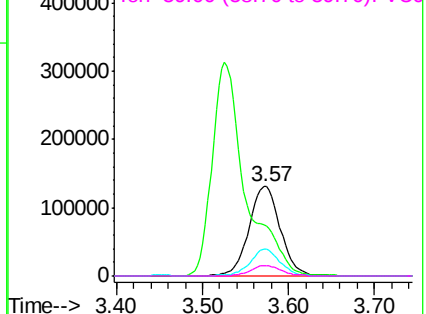
Abundance

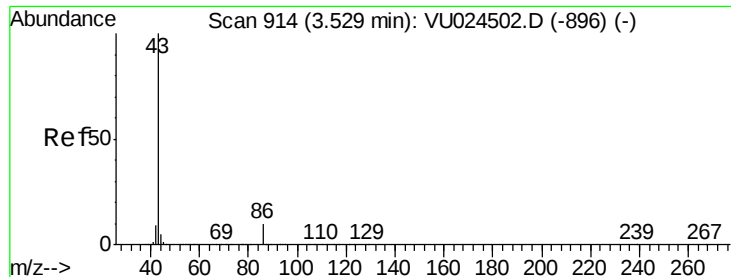
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 139.344 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

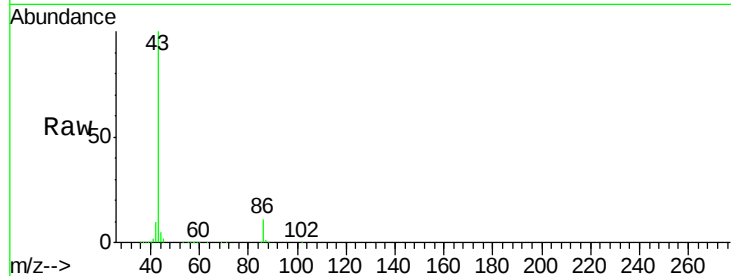
S39-0183MSD

Tot Ion: 43 Resp: 847828

Ion Ratio Lower Upper

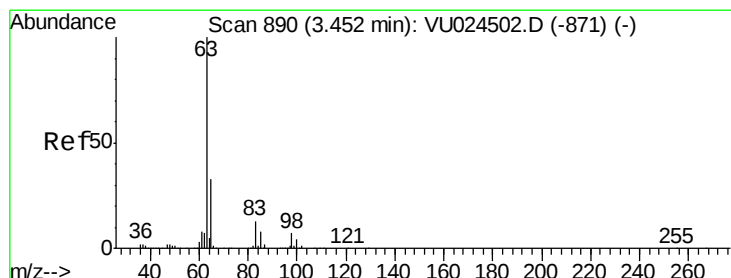
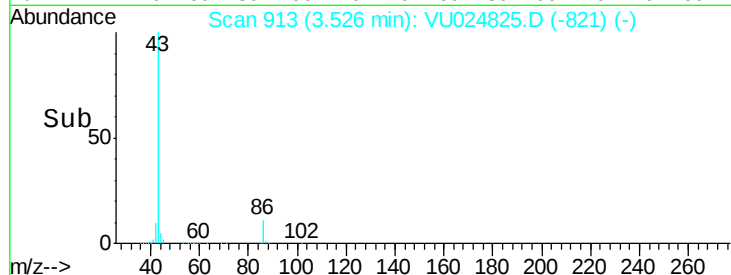
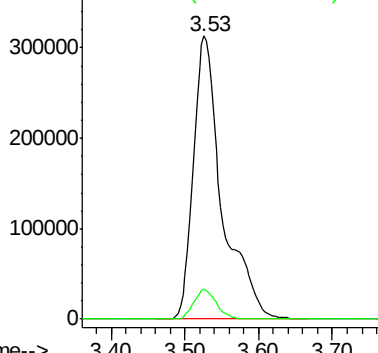
43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#24

1,1-Dichloroethane

Concen: 49.759 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

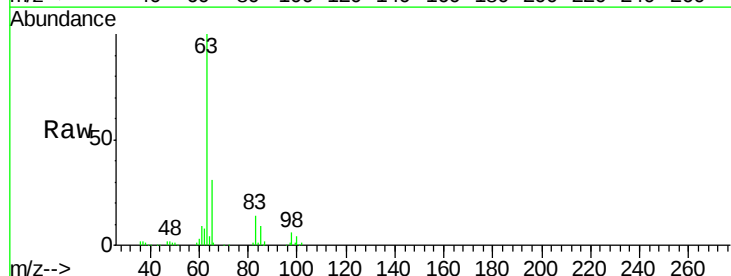
Tgt Ion: 63 Resp: 194429

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

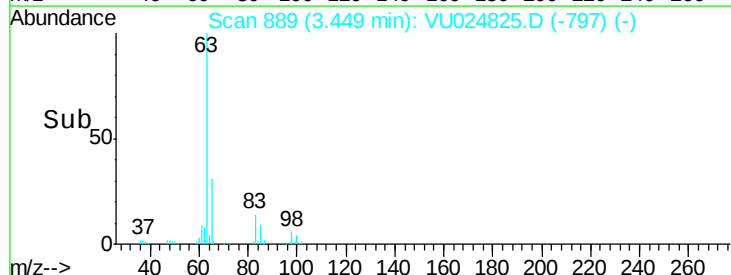
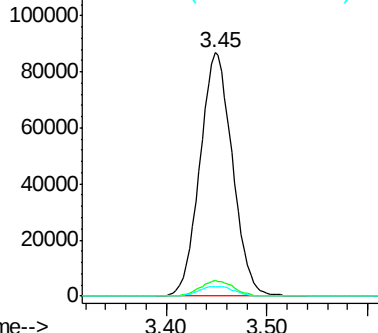
100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

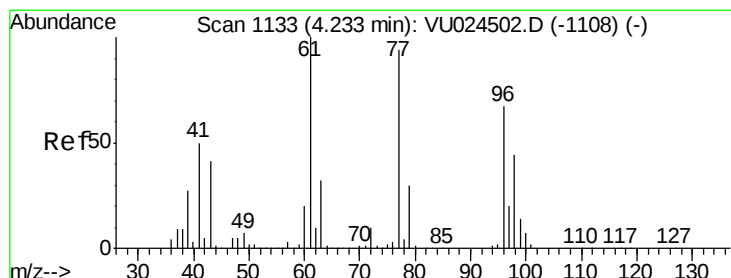
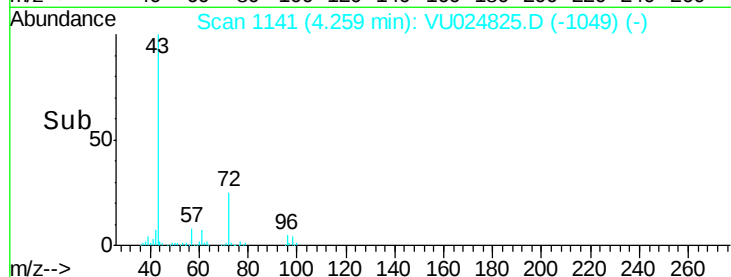
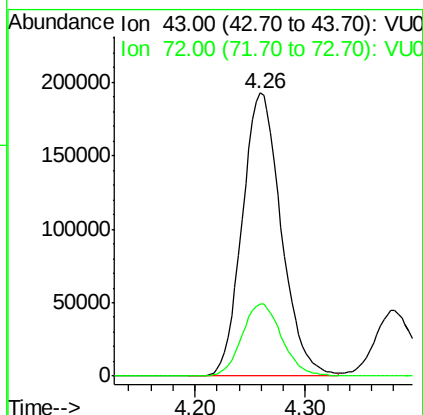
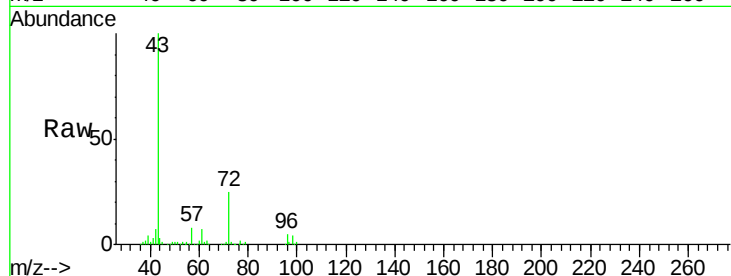




#25
2-Butanone
Concen: 246.278 ug/l
RT: 4.26 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

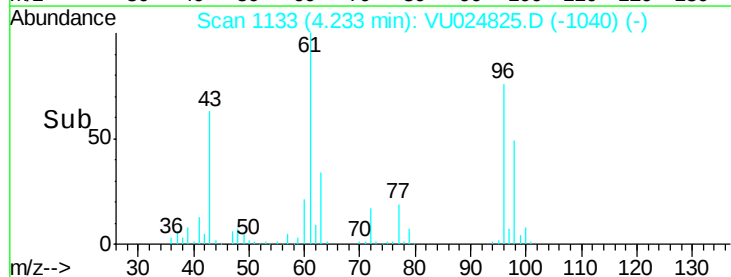
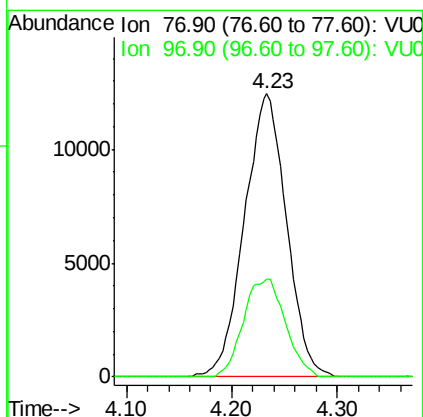
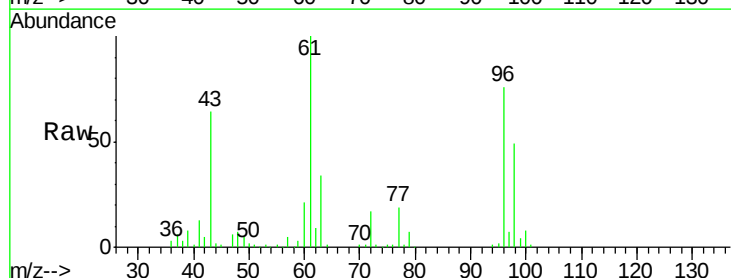
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 470267
Ion Ratio Lower Upper
43 100
72 25.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 9.297 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 77 Resp: 34496
Ion Ratio Lower Upper
77 100
97 34.5 11.3 33.8#





#27

cis-1,2-Dichloroethene

Concen: 52.232 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

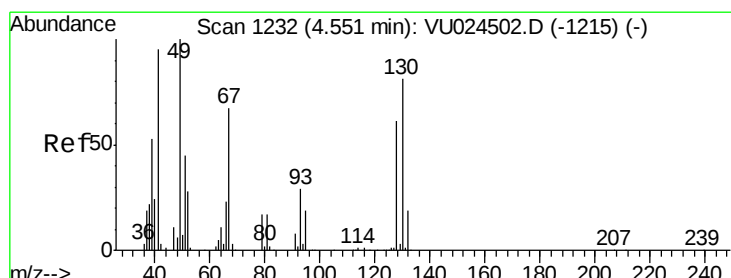
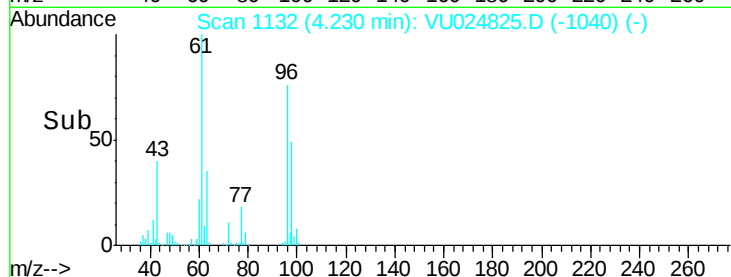
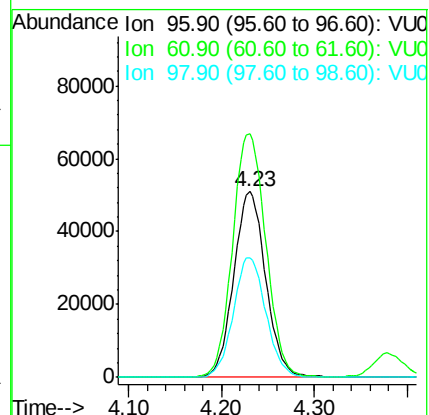
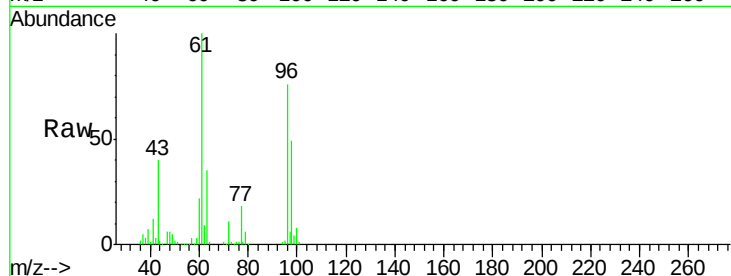
Tot Ion: 96 Resp: 122049

Ion Ratio Lower Upper

96 100

61 136.4 0.0 306.6

98 65.4 0.0 128.8



#28

Bromochloromethane

Concen: 50.772 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

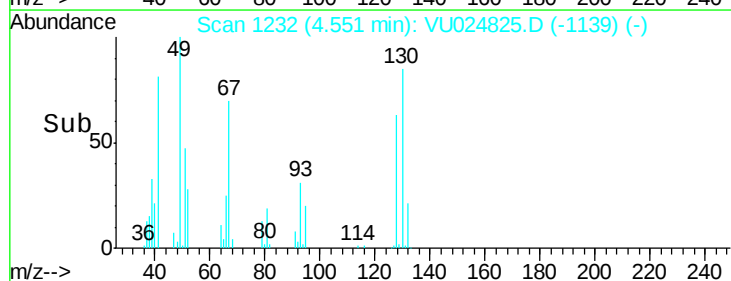
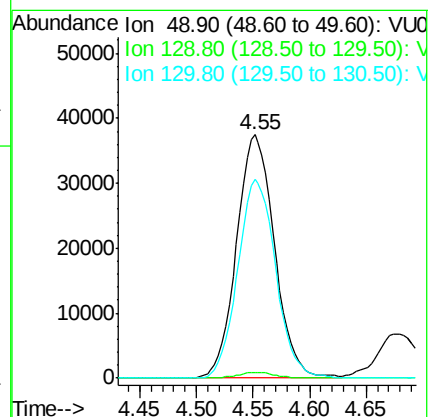
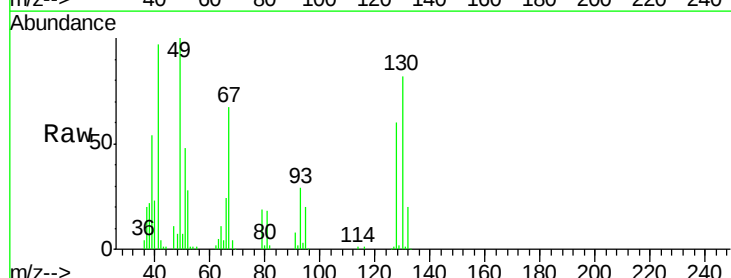
Tgt Ion: 49 Resp: 87383

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 81.8 57.8 86.6

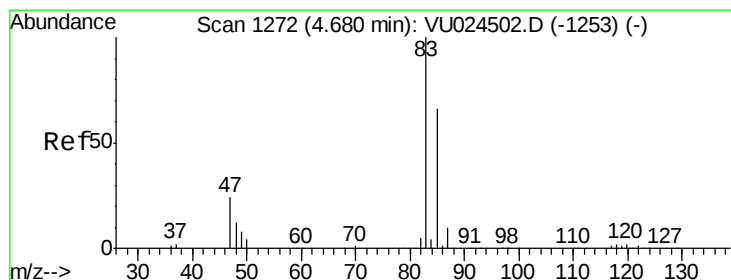
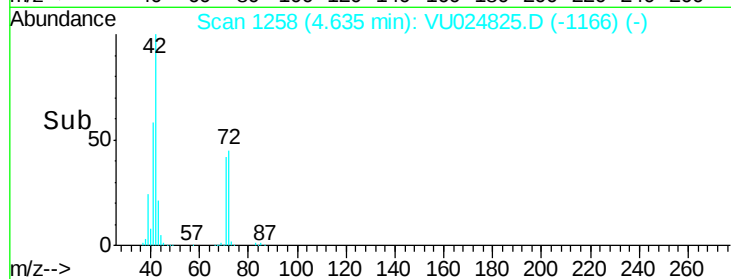
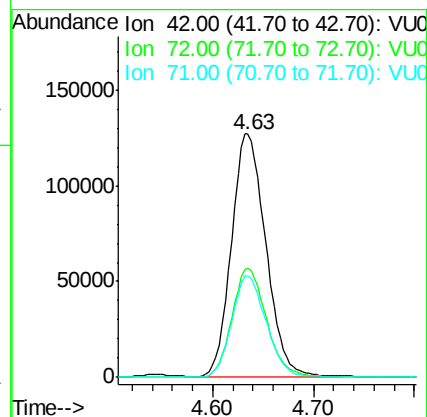
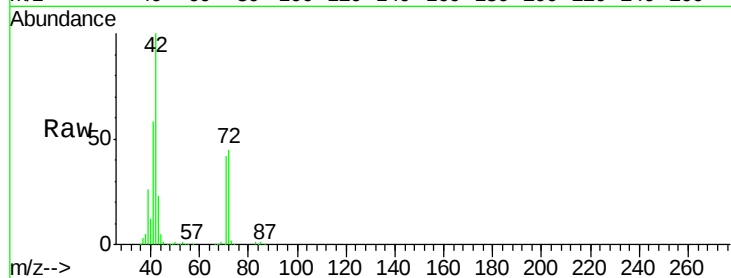




#29
Tetrahydrofuran
Concen: 254.348 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

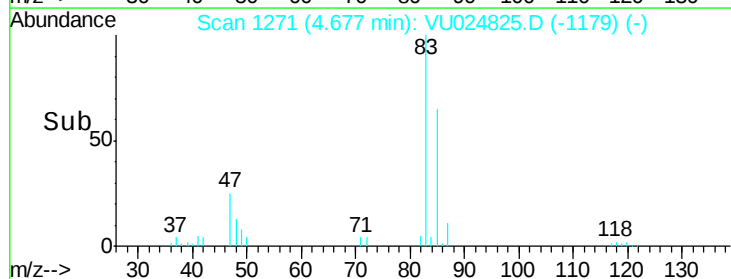
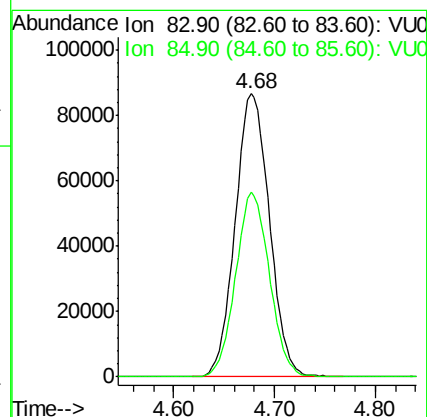
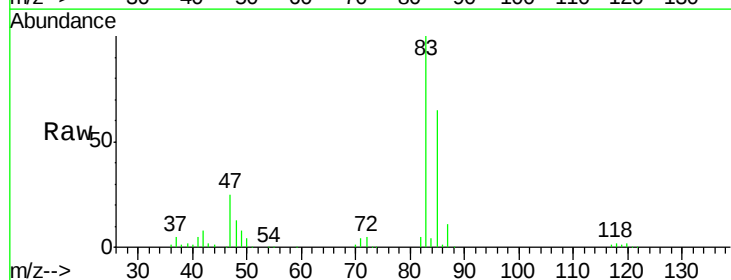
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

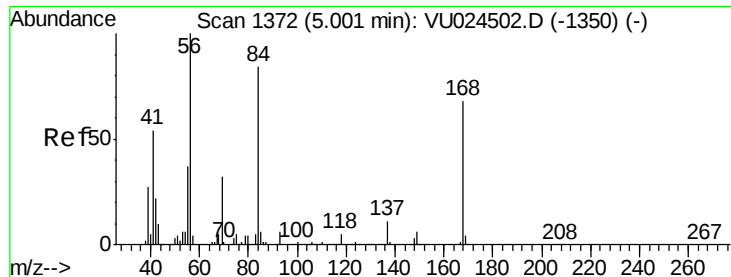
Tot Ion: 42 Resp: 300763
Ion Ratio Lower Upper
42 100
72 45.1 34.5 51.7
71 42.1 32.2 48.4



#30
Chloroform
Concen: 51.703 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 83 Resp: 204482
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6

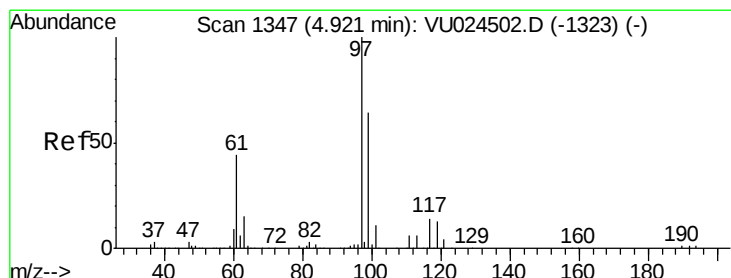
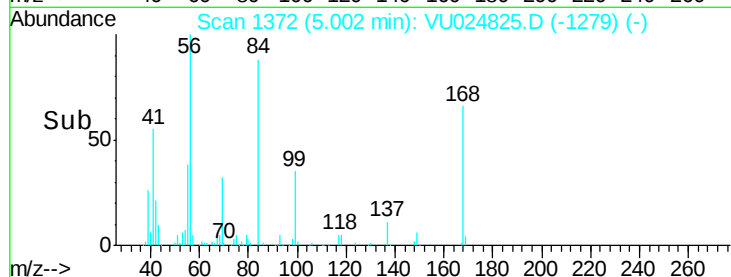
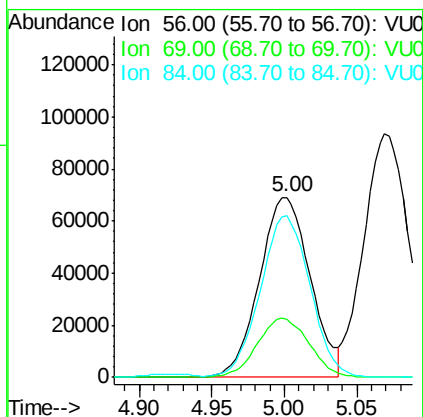
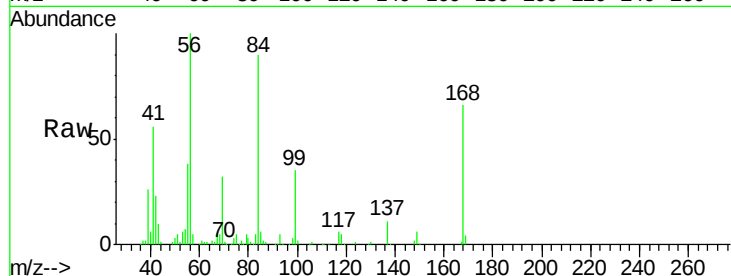




#31
Cyclohexane
Concen: 48.596 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

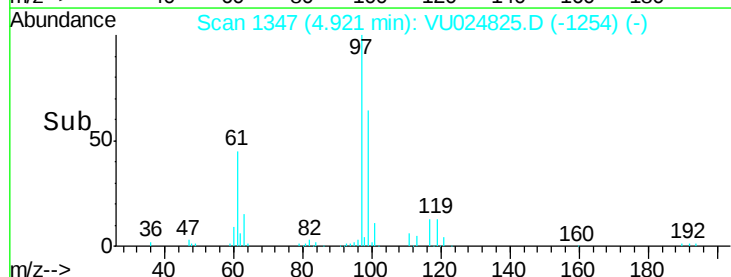
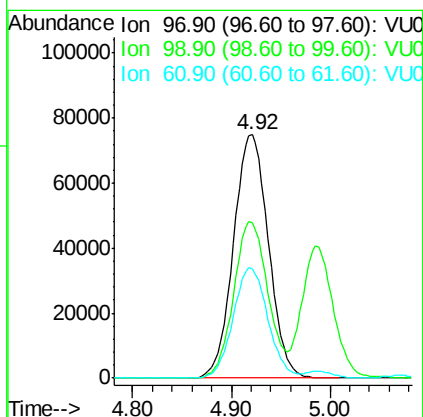
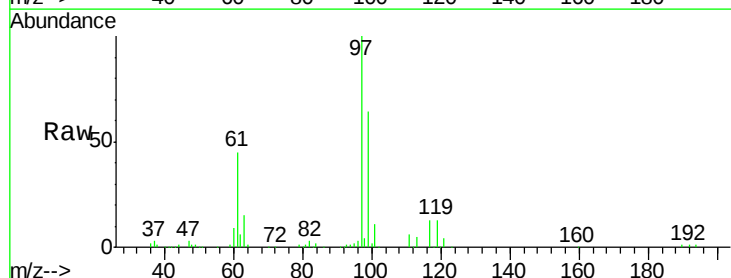
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 56 Resp: 168815
Ion Ratio Lower Upper
56 100
69 32.0 24.8 37.2
84 88.1 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 50.369 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 97 Resp: 184209
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 44.8 39.4 59.0





#33

1,2-Dichloroethane-d4

Concen: 50.390 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

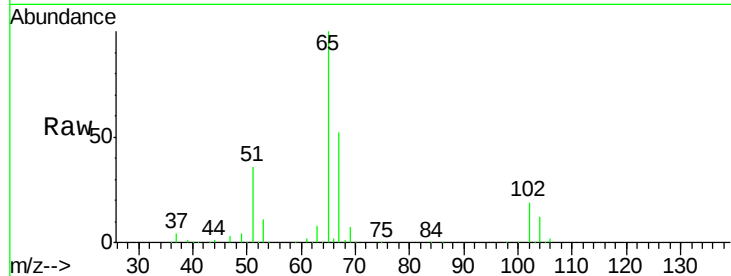
S39-0183MSD

Tot Ion: 65 Resp: 133321

Ion Ratio Lower Upper

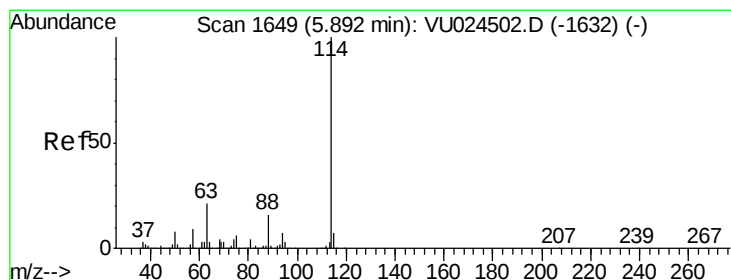
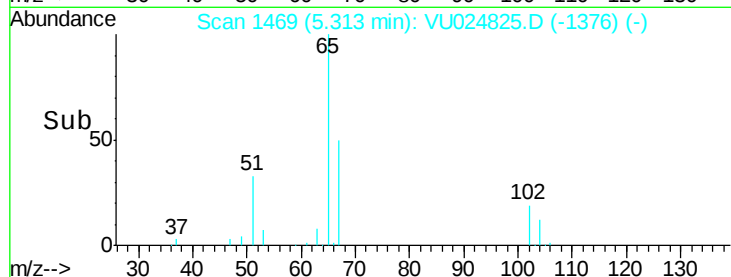
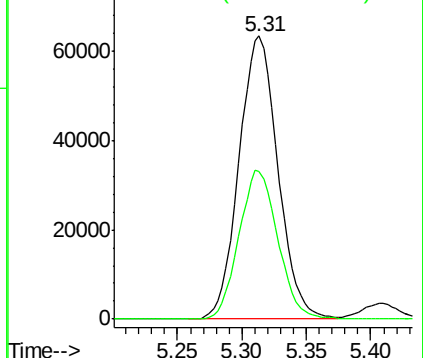
65 100

67 52.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024825.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024825.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

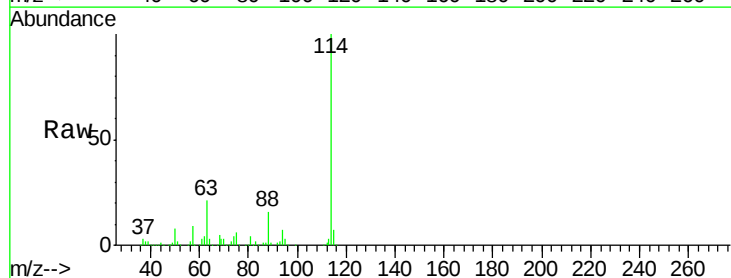
Tgt Ion: 114 Resp: 273454

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

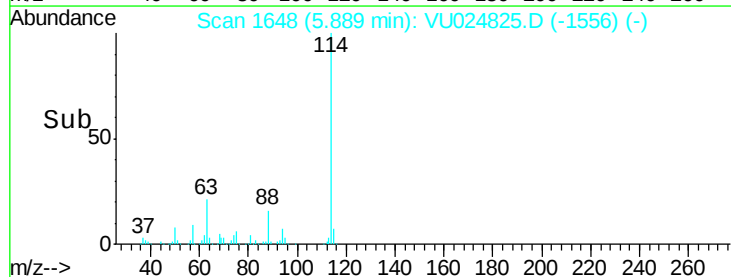
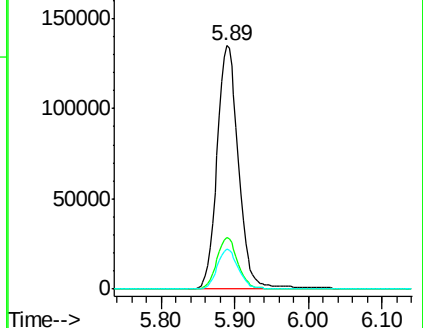
88 16.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU024825.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024825.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024825.D (-1556) (-)

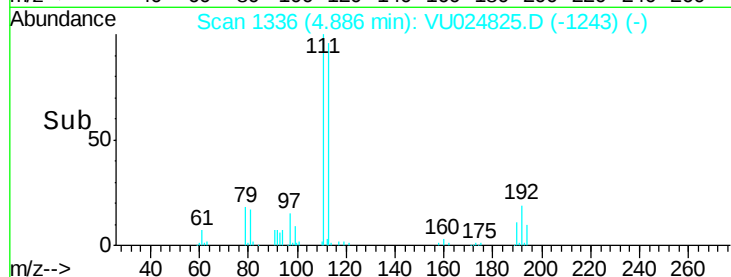
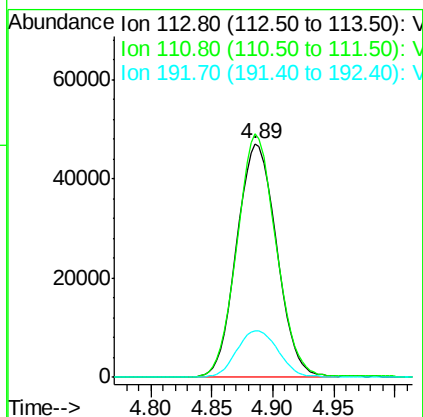
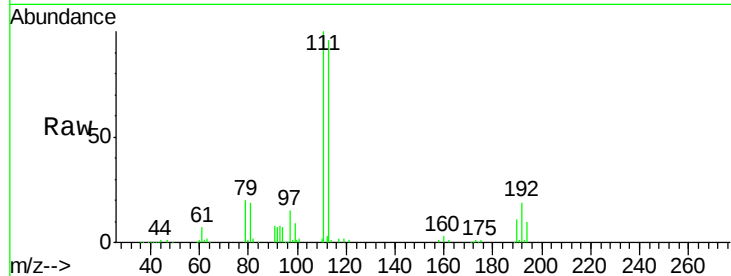




#35
 Dibromofluoromethane
 Concen: 47.127 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

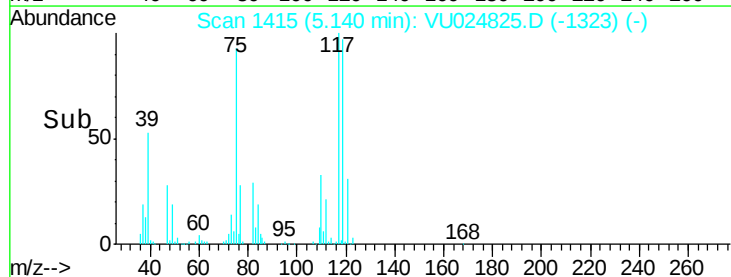
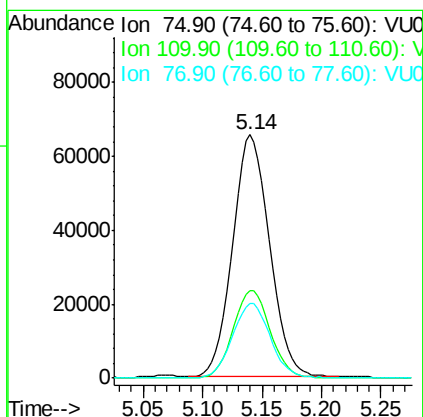
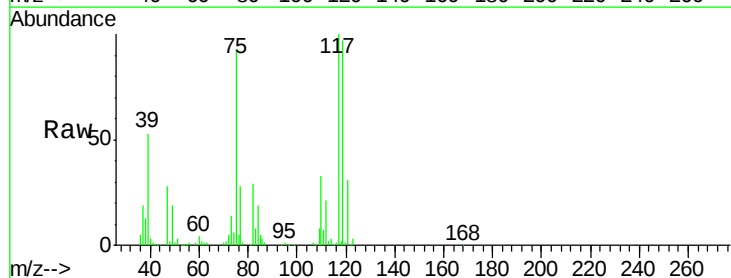
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

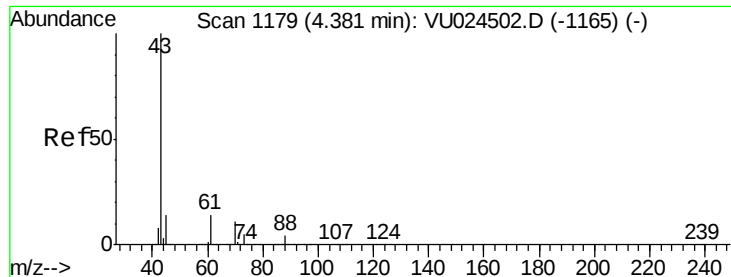
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	20.7	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 43.877 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	30.9	24.2	36.4

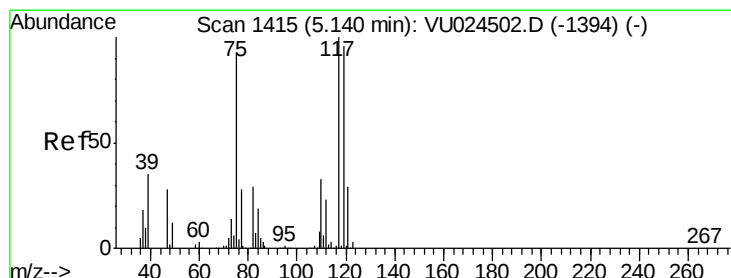
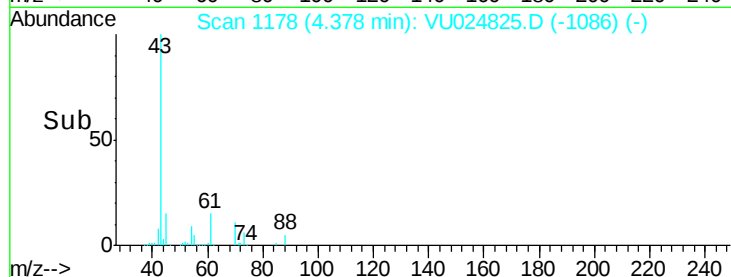
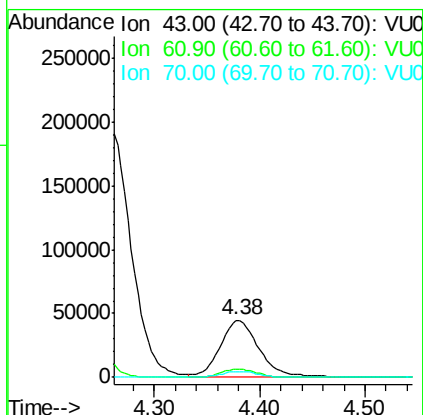
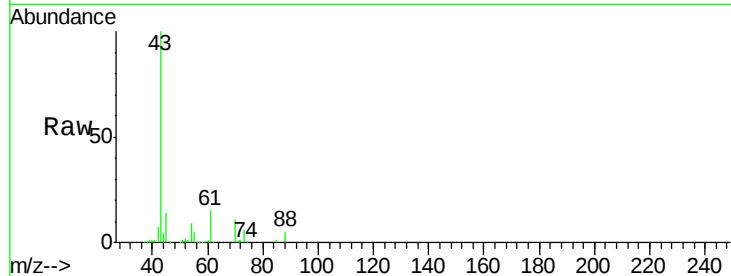




#37
Ethyl Acetate
Concen: 31.783 ug/l
RT: 4.38 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

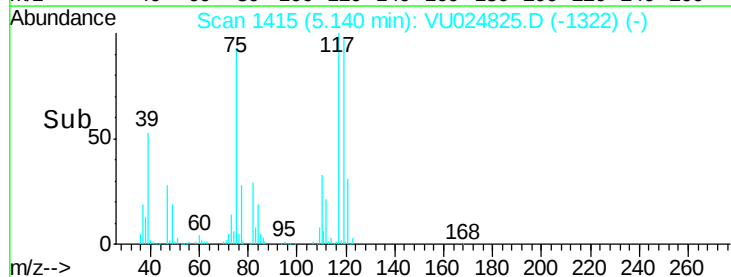
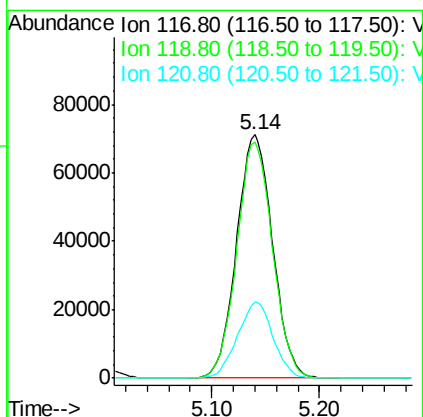
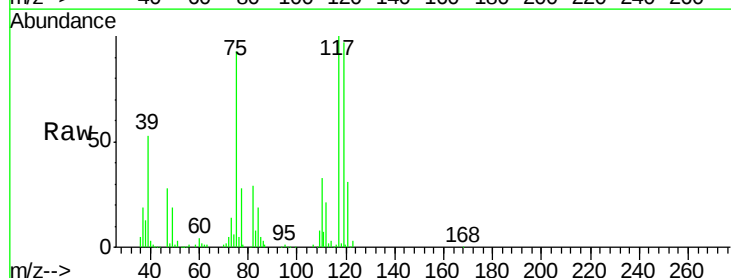
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 111311
Ion Ratio Lower Upper
43 100
61 13.7 10.5 15.7
70 10.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 46.747 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 117 Resp: 165181
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 31.1 23.7 35.5

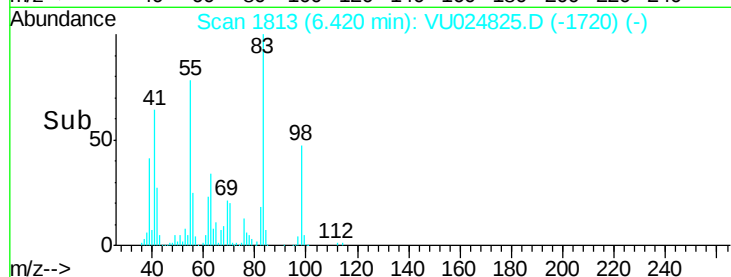
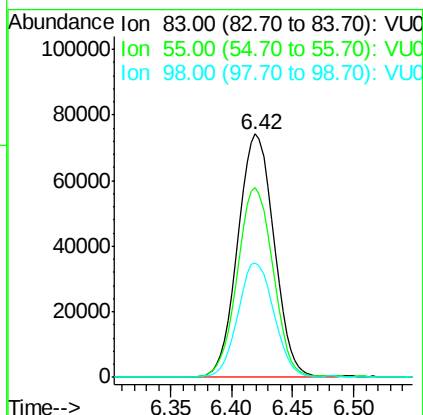
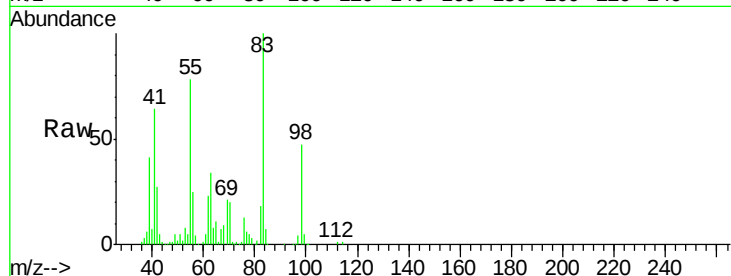




#39
Methvlcvclohexane
Concen: 38.129 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

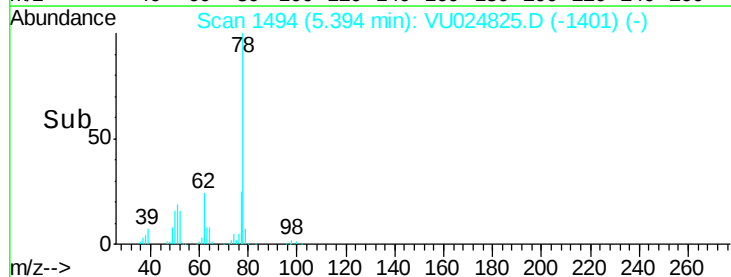
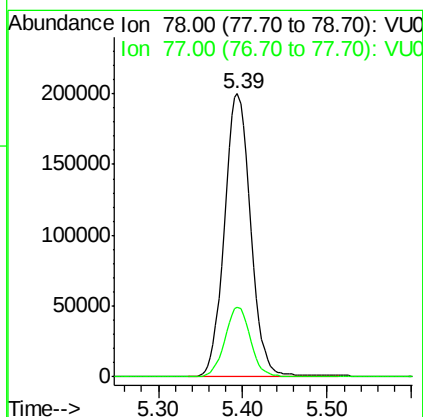
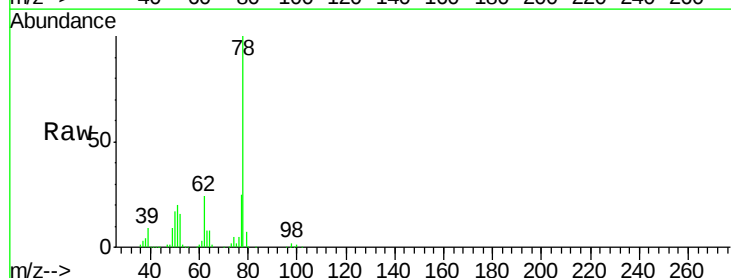
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 83 Resp: 152895
Ion Ratio Lower Upper
83 100
55 78.2 65.8 98.6
98 47.2 36.7 55.1



#40
Benzene
Concen: 47.424 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 78 Resp: 434225
Ion Ratio Lower Upper
78 100
77 24.7 19.2 28.8

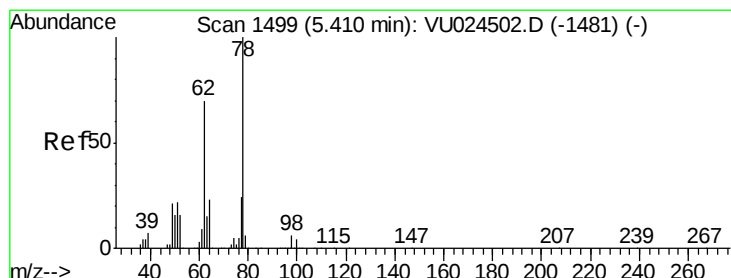
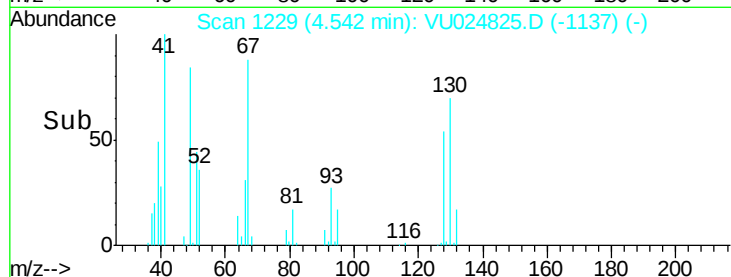
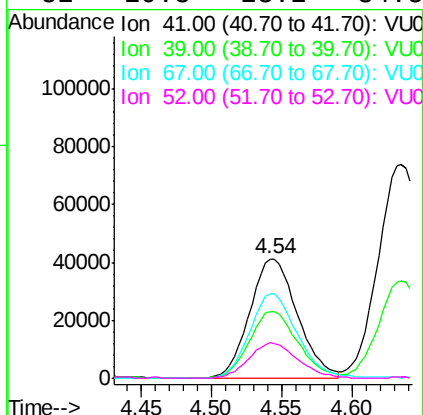
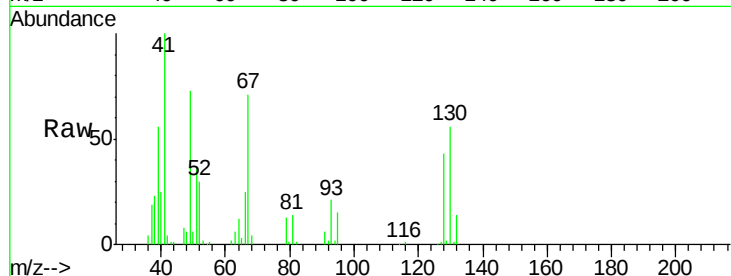




#41
Methacrylonitrile
Concen: 51.728 ug/l
RT: 4.54 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

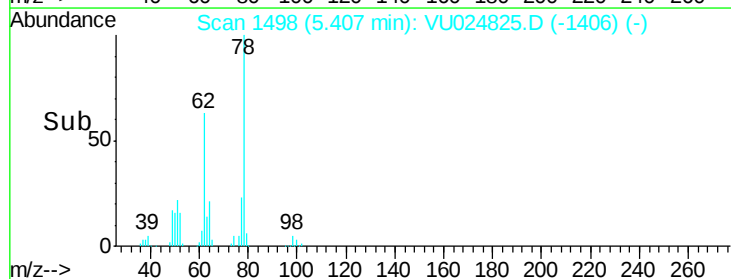
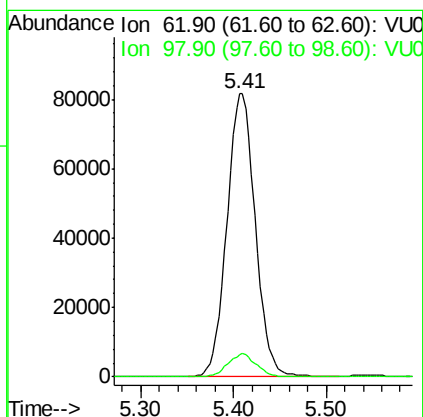
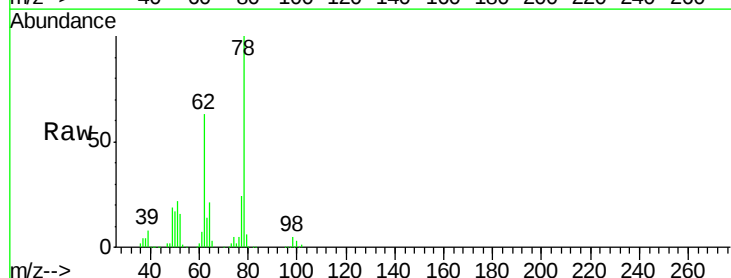
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion:	41	Resp:	97677
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.8	65.6
67	70.4	56.3	84.5
52	29.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 49.661 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:	62	Resp:	173178
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

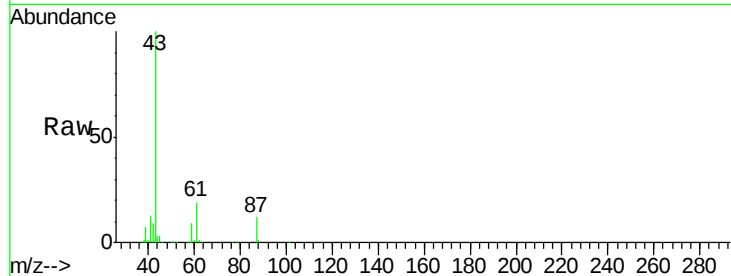




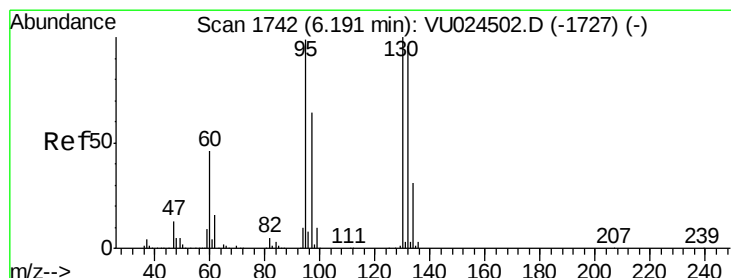
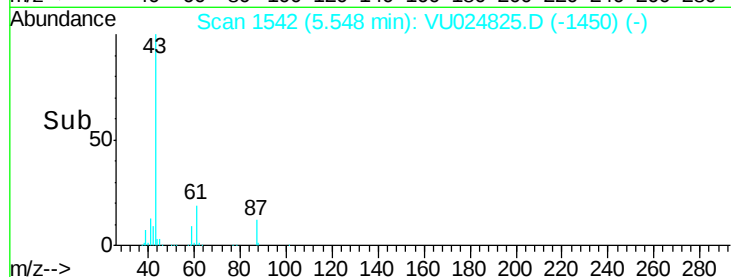
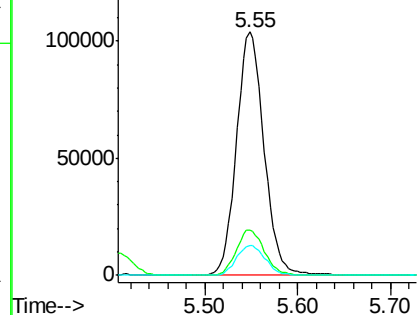
#43
Isopropyl Acetate
Concen: 35.131 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 212678
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.9 10.0 15.0

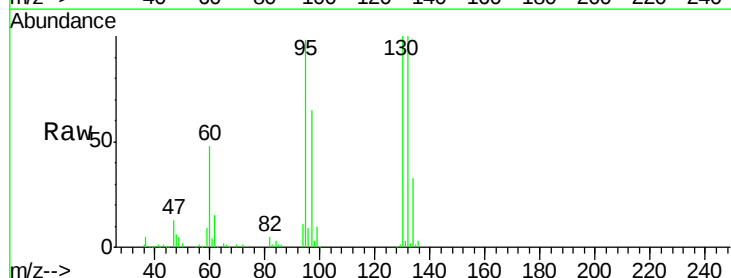


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

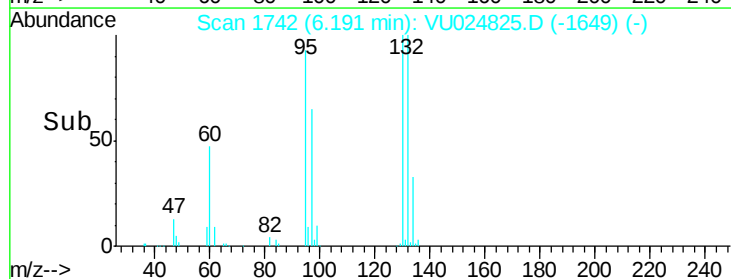
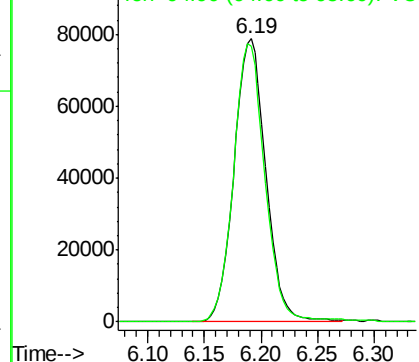


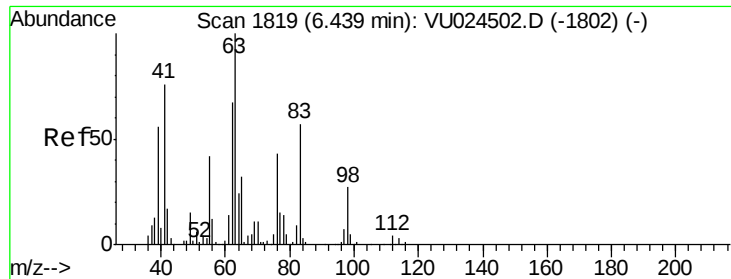
#44
Trichloroethene
Concen: 59.209 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:130 Resp: 154287
Ion Ratio Lower Upper
130 100
95 97.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

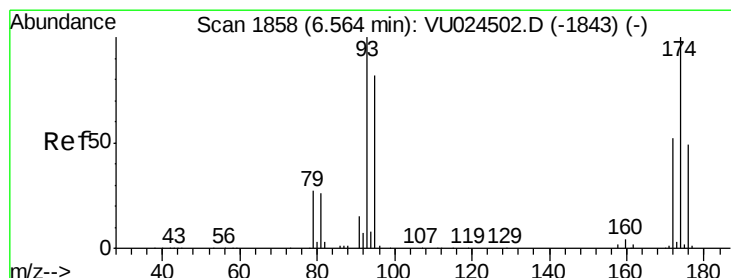
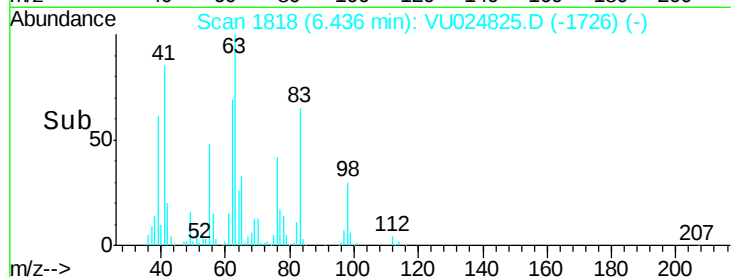
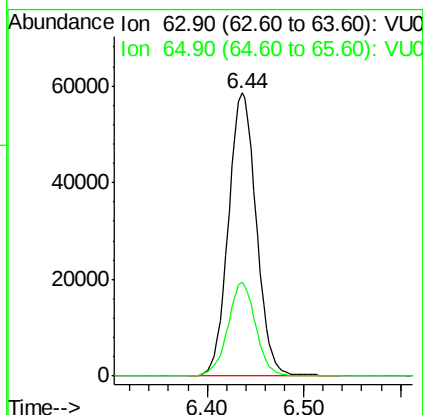
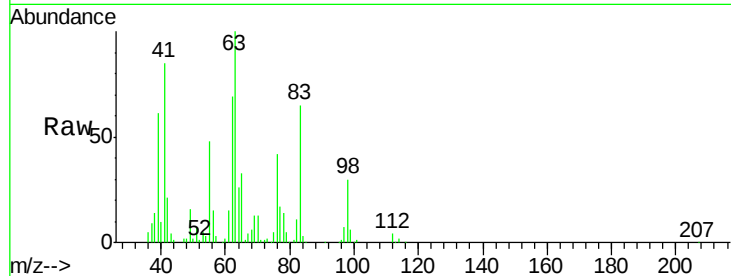




#45
 1,2-Dichloropropane
 Concen: 47.967 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

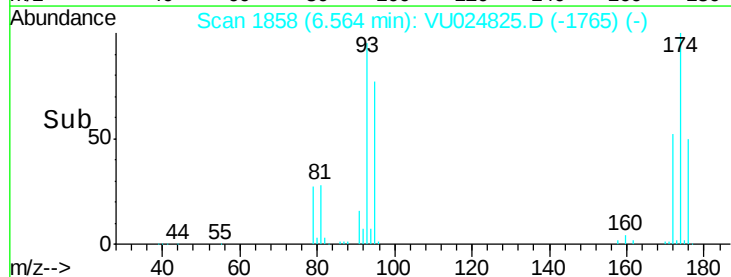
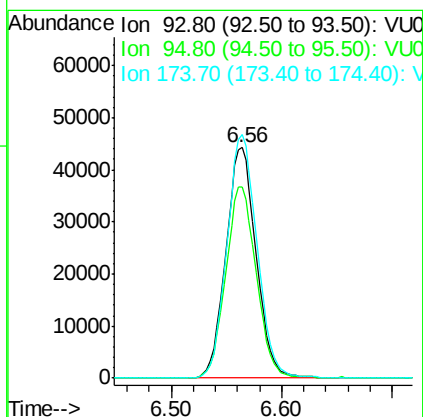
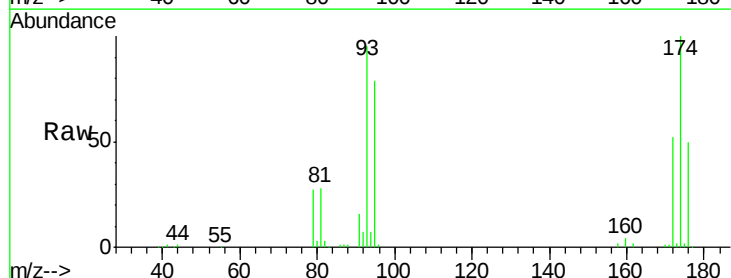
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion: 63 Resp: 117186
 Ion Ratio Lower Upper
 63 100
 65 33.0 24.8 37.2



#46
 Dibromomethane
 Concen: 49.129 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion: 93 Resp: 84307
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.5 98.3
 174 105.3 78.7 118.1





#47

Bromodichloromethane

Concen: 46.954 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

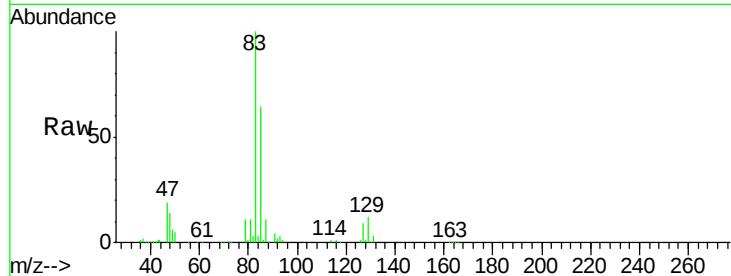
Tot Ion: 83 Resp: 160448

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

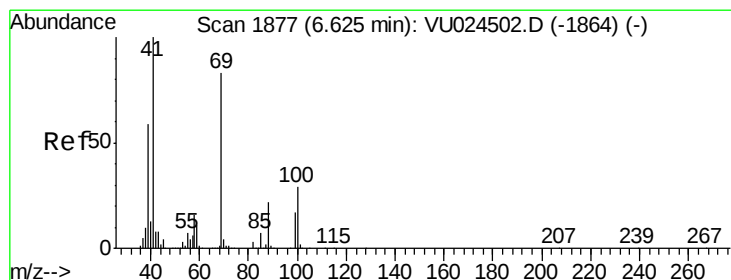
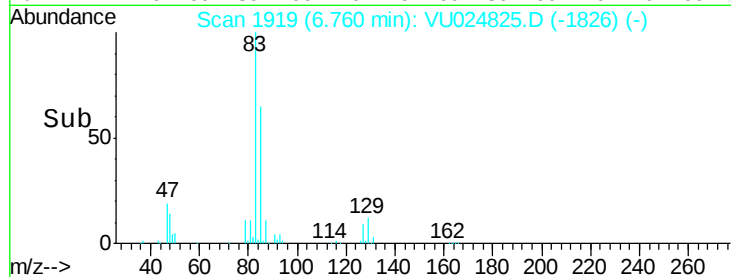
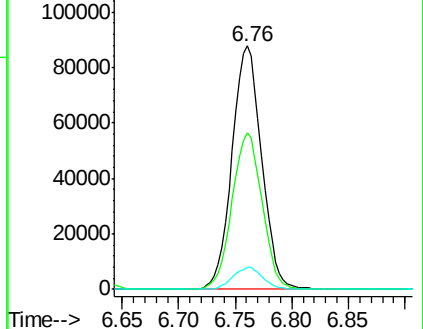
127 8.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VU024825.D (-1826) (-)

Ion 84.90 (84.60 to 85.60): VU024825.D (-1826) (-)

Ion 126.80 (126.50 to 127.50): VU024825.D (-1826) (-)



#48

Methyl methacrylate

Concen: 48.095 ug/l

RT: 6.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

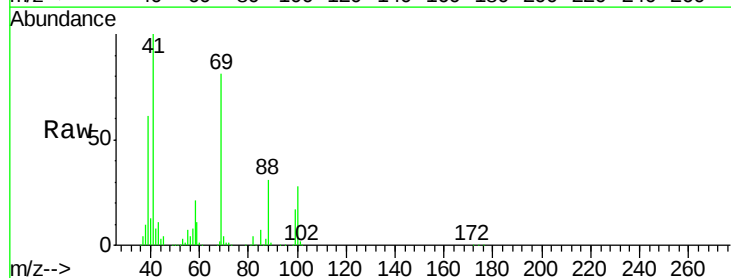
Tgt Ion: 41 Resp: 141778

Ion Ratio Lower Upper

41 100

69 82.8 67.3 100.9

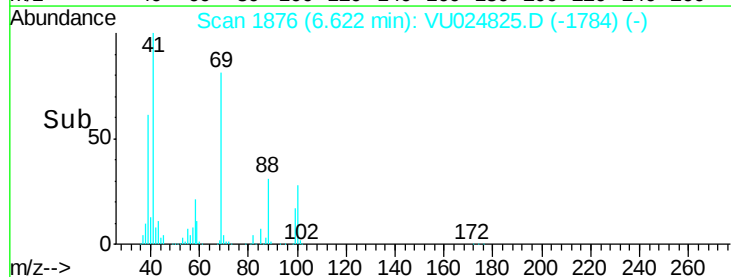
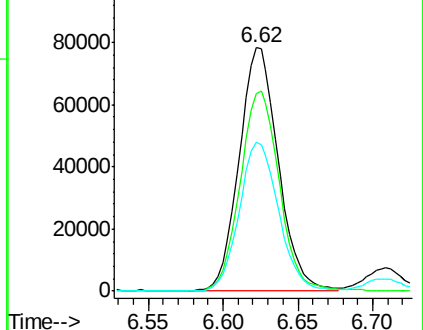
39 62.0 46.5 69.7

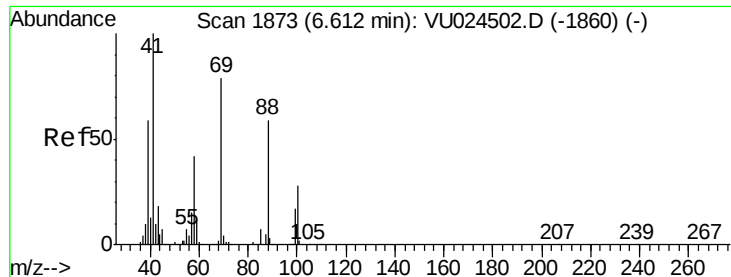


Abundance Ion 41.00 (40.70 to 41.70): VU024825.D (-1784) (-)

Ion 69.00 (68.70 to 69.70): VU024825.D (-1784) (-)

Ion 39.00 (38.70 to 39.70): VU024825.D (-1784) (-)





#49

1,4-Dioxane

Concen: 1067.948 ug/l

RT: 6.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

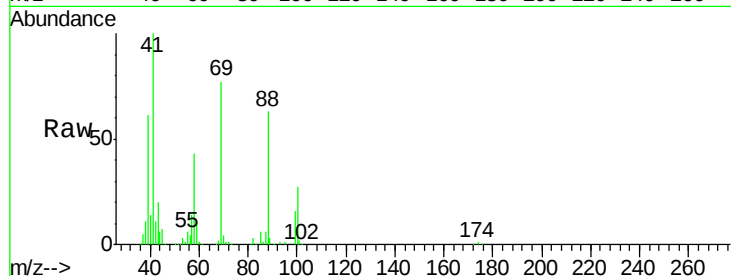
Tot Ion: 88 Resp: 61566

Ion Ratio Lower Upper

88 100

43 34.7 28.6 42.8

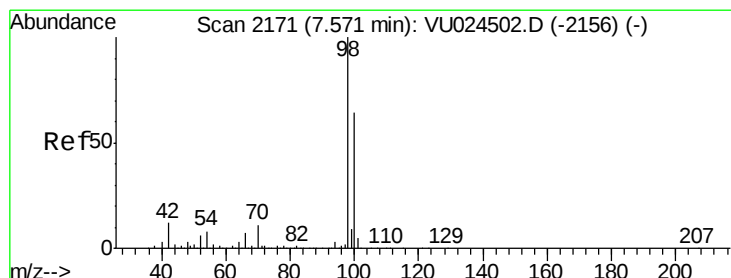
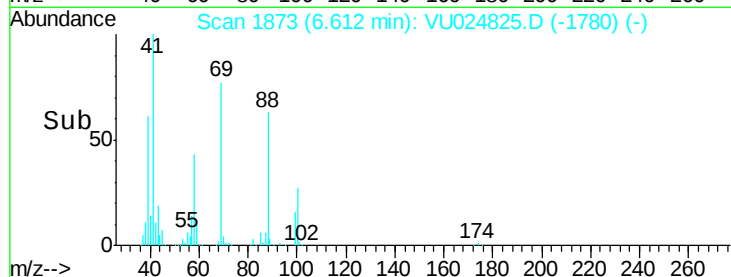
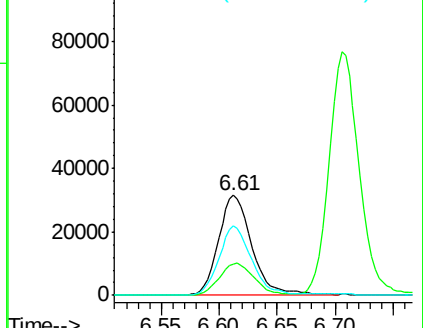
58 70.1 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU024825.D (-1780) (-)

Ion 43.00 (42.70 to 43.70): VU024825.D (-1780) (-)

Ion 58.00 (57.70 to 58.70): VU024825.D (-1780) (-)



#50

Toluene-d8

Concen: 46.682 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024825.D

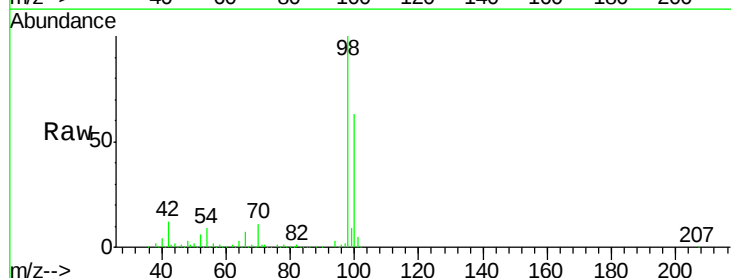
Acq: 21 Jun 2018 20:57

Tgt Ion: 98 Resp: 386436

Ion Ratio Lower Upper

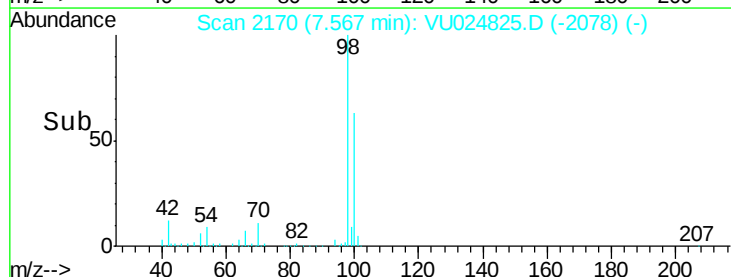
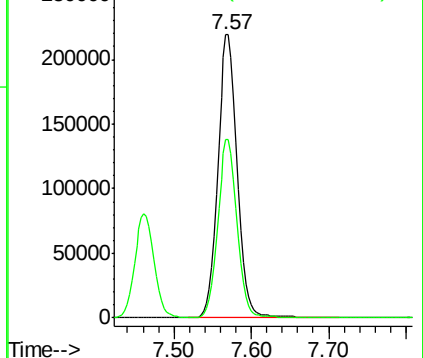
98 100

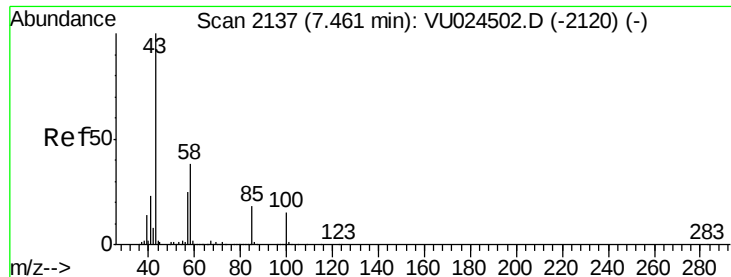
100 62.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024825.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024825.D (-2078) (-)





#51

4-Methyl-2-Pentanone

Concen: 245.233 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

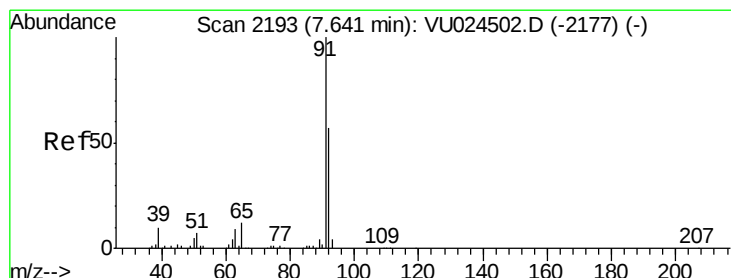
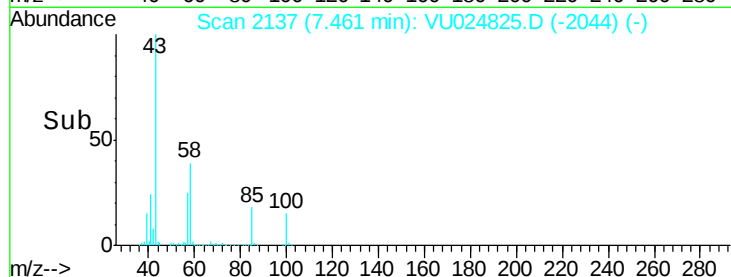
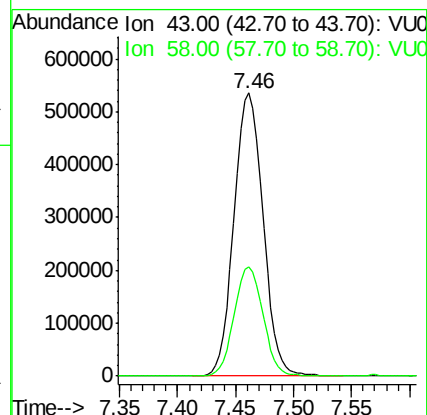
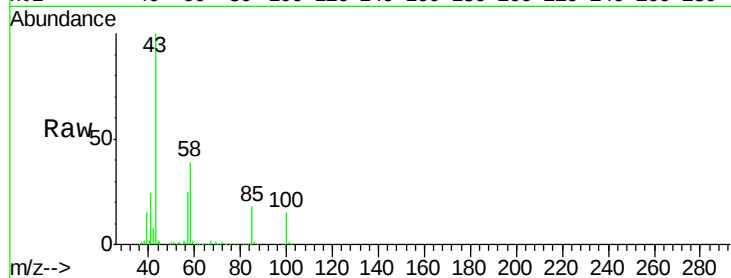
S39-0183MSD

Tot Ion: 43 Resp: 932698

Ion Ratio Lower Upper

43 100

58 38.4 30.0 45.0



#52

Toluene

Concen: 47.161 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024825.D

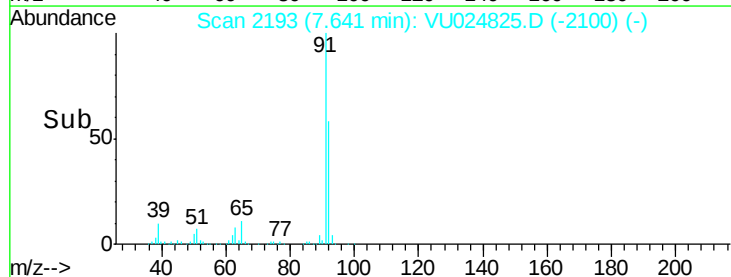
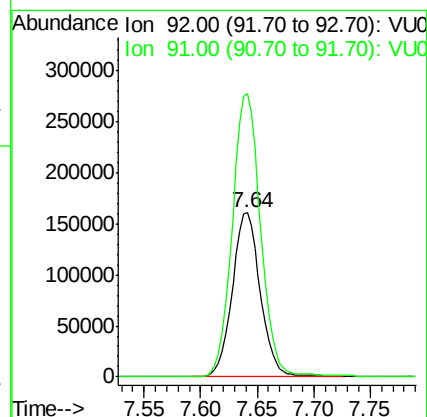
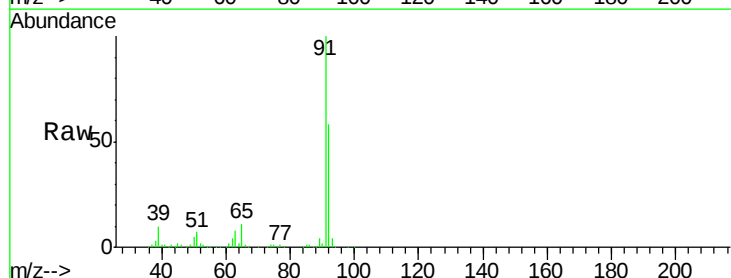
Acq: 21 Jun 2018 20:57

Tgt Ion: 92 Resp: 277810

Ion Ratio Lower Upper

92 100

91 174.7 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 35.747 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

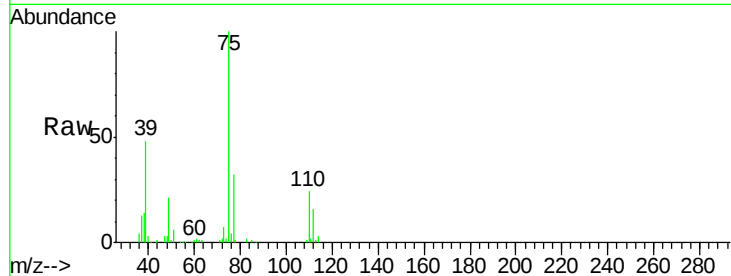
S39-0183MSD

Tot Ion: 75 Resp: 137177

Ion Ratio Lower Upper

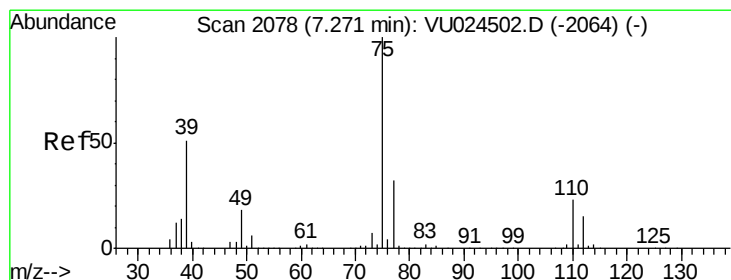
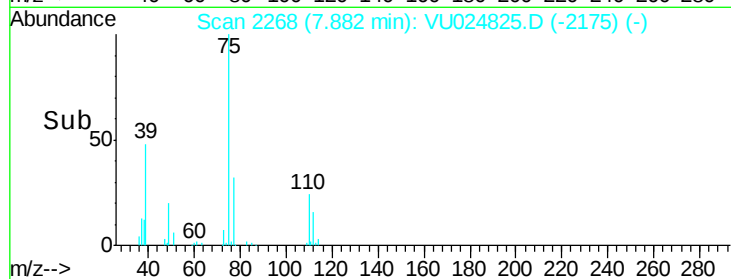
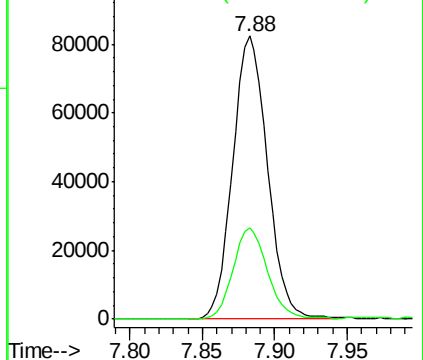
75 100

77 32.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 35.052 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

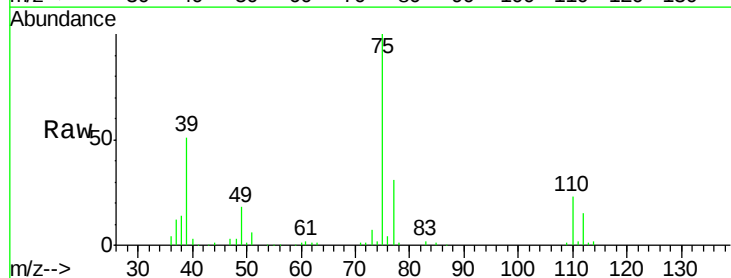
Tgt Ion: 75 Resp: 143330

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

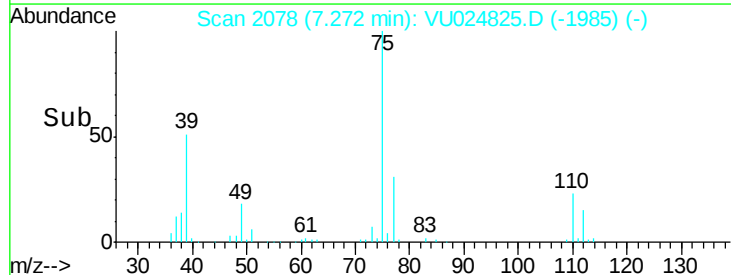
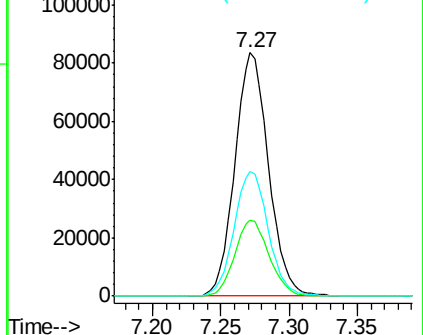
39 51.2 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

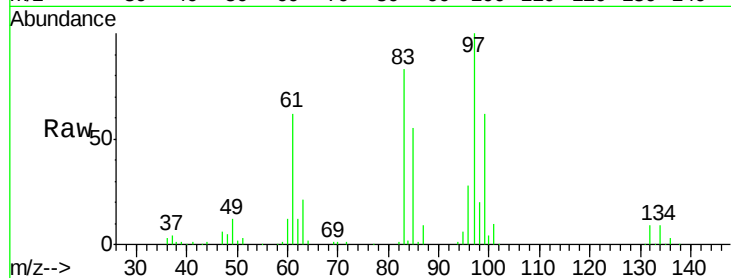




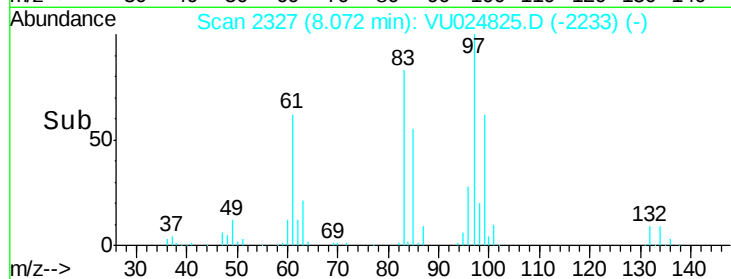
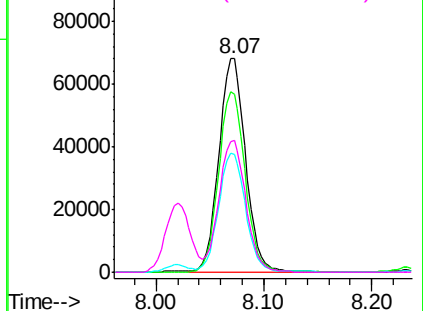
#55
 1,1,2-Trichloroethane
 Concen: 49.014 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion:	97	Resp:	117366
Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.5	105.7
85	55.3	46.4	69.6
99	61.6	50.2	75.2

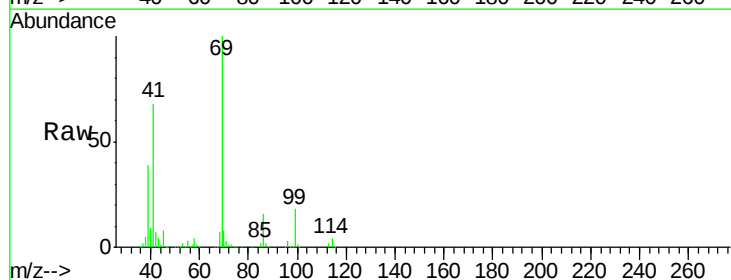


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

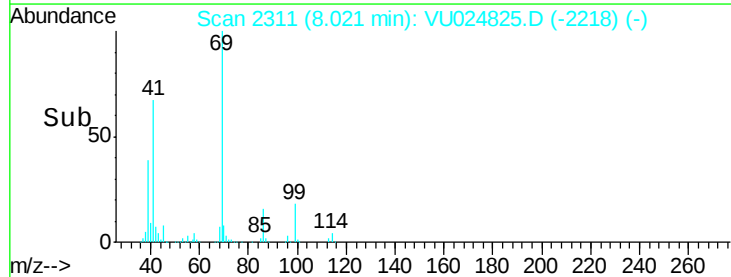
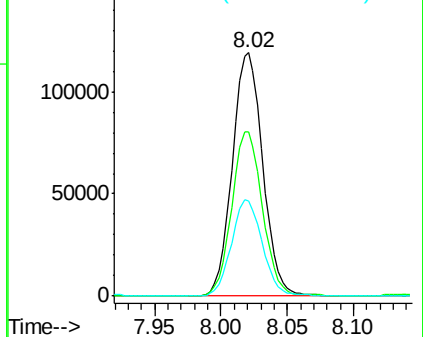


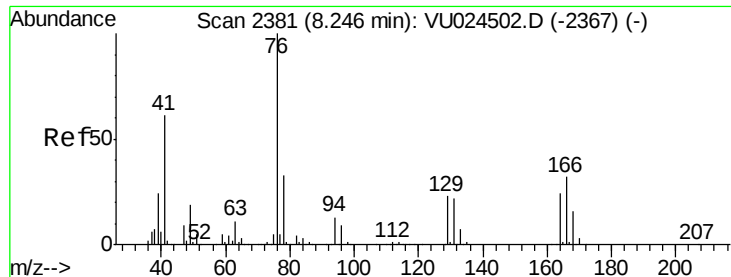
#56
 Ethyl methacrylate
 Concen: 47.457 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion:	69	Resp:	190198
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.1	81.1
39	39.8	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 48.346 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

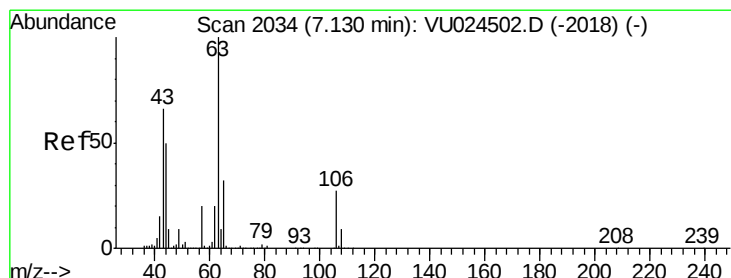
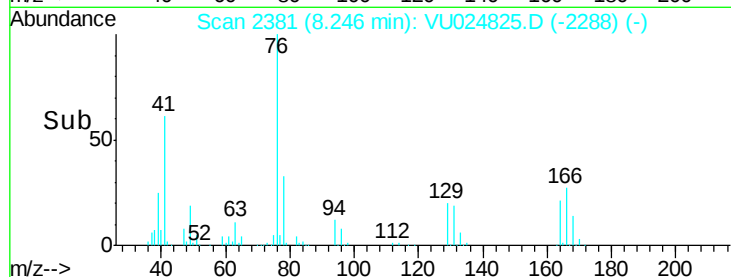
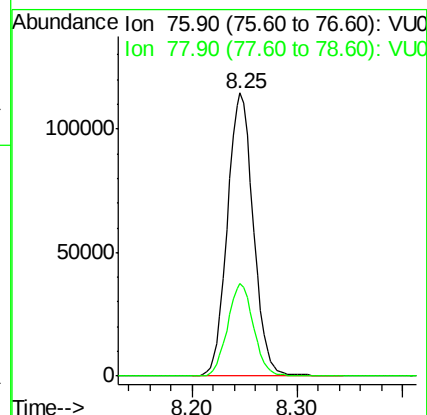
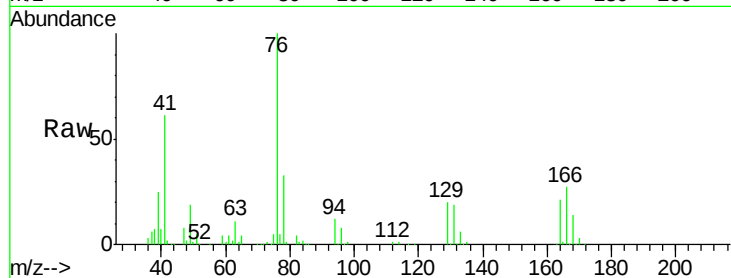
S39-0183MSD

Tot Ion: 76 Resp: 195286

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.313 ug/l

RT: 7.11 min Scan# 2027

Delta R.T. -0.02 min

Lab File: VU024825.D

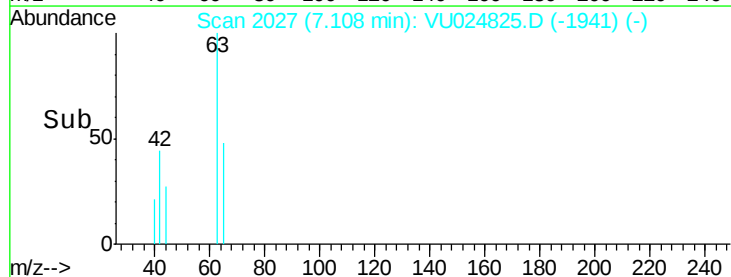
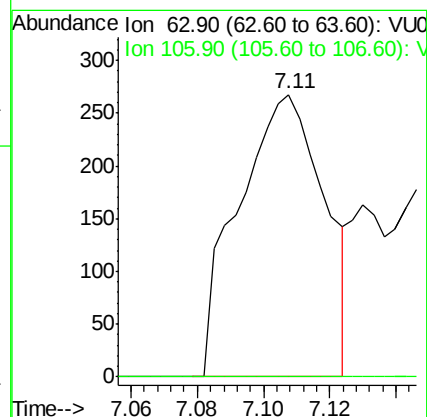
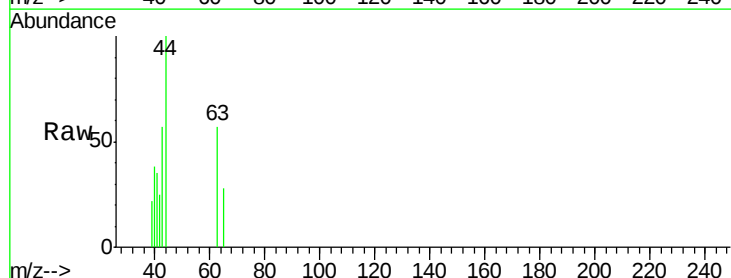
Acq: 21 Jun 2018 20:57

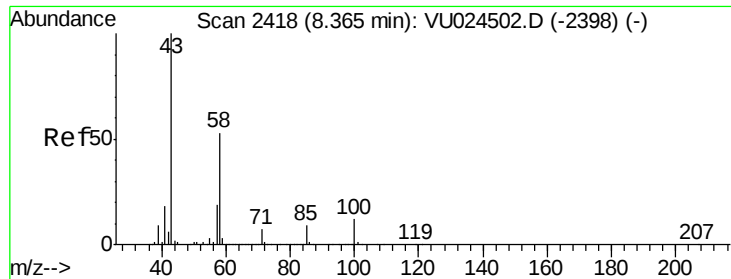
Tgt Ion: 63 Resp: 481

Ion Ratio Lower Upper

63 100

106 0.0 20.2 30.2#

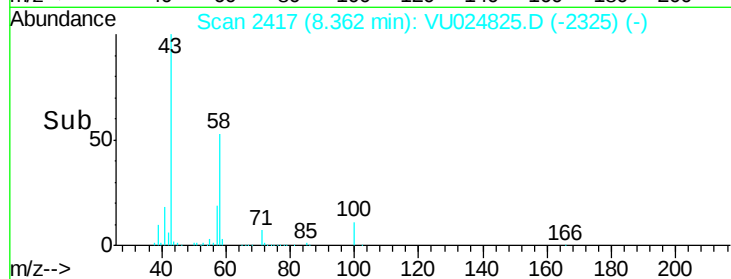
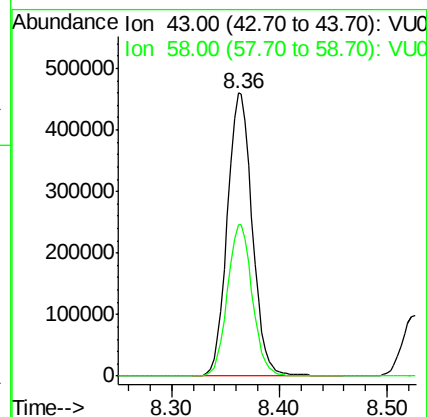
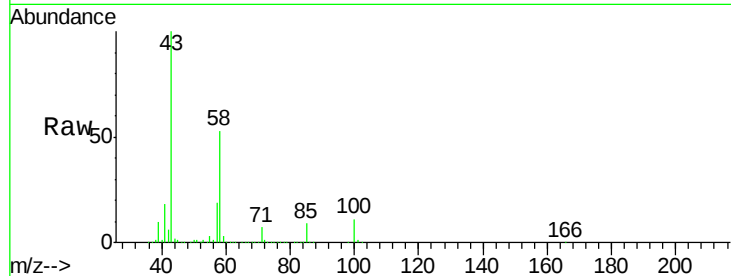




#59
2-Hexanone
Concen: 238.710 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

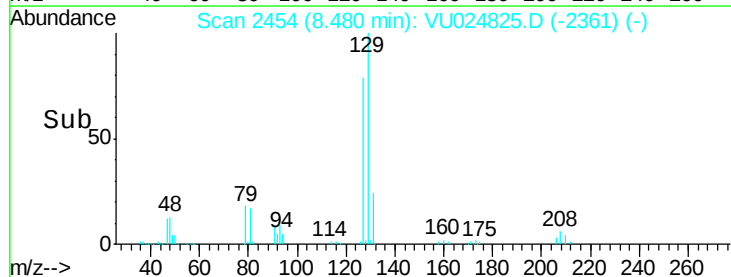
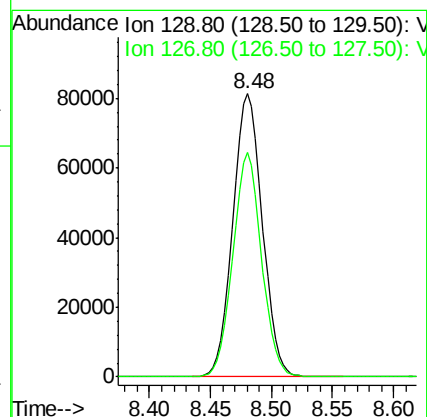
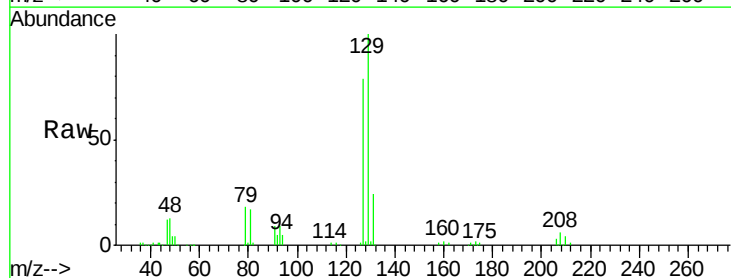
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 43 Resp: 741206
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 46.083 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion: 129 Resp: 137601
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 47.767 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

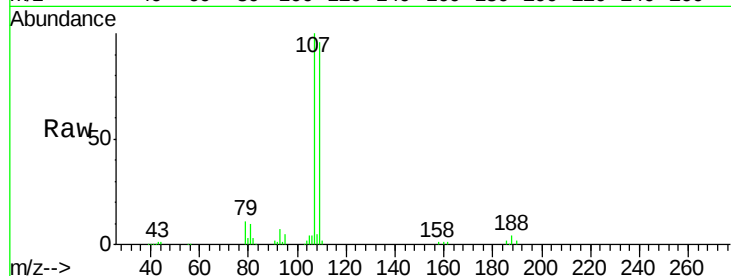
S39-0183MSD

Tot Ion:107 Resp: 127308

Ion Ratio Lower Upper

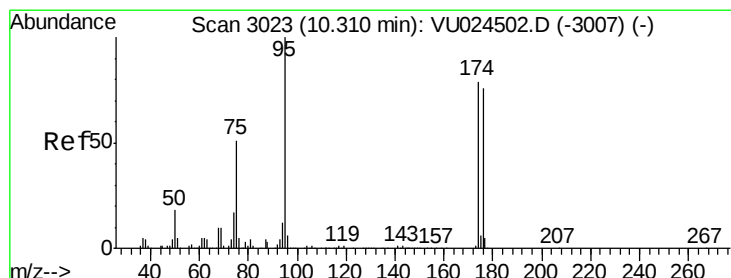
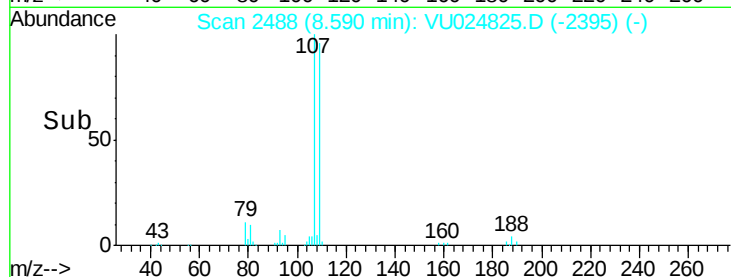
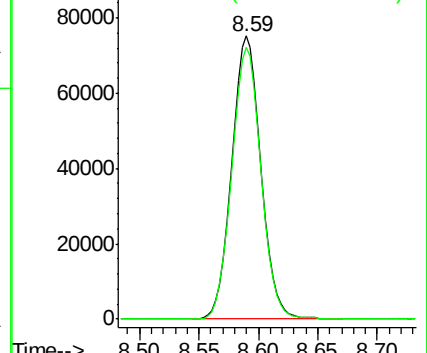
107 100

109 96.5 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.417 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

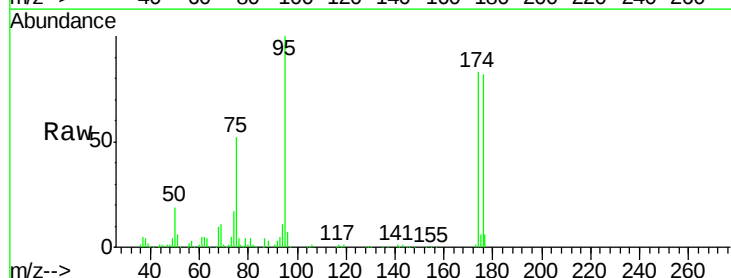
Tgt Ion: 95 Resp: 149272

Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

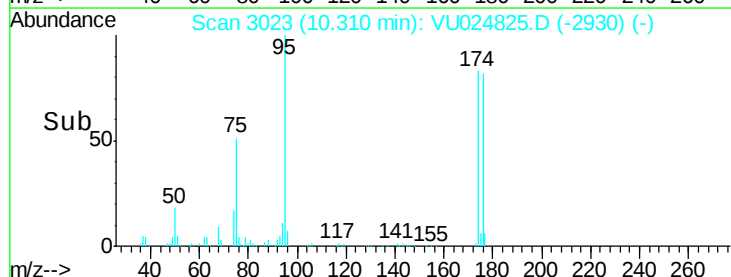
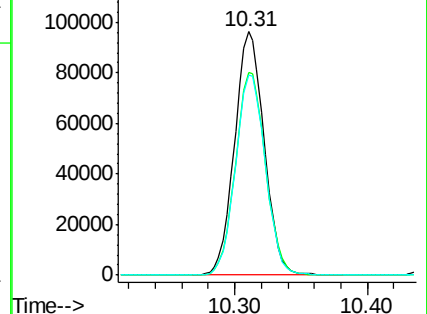
176 83.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

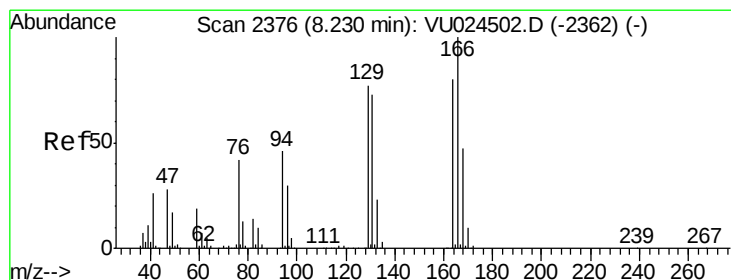
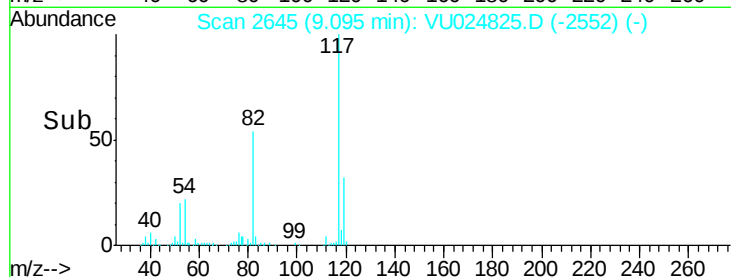
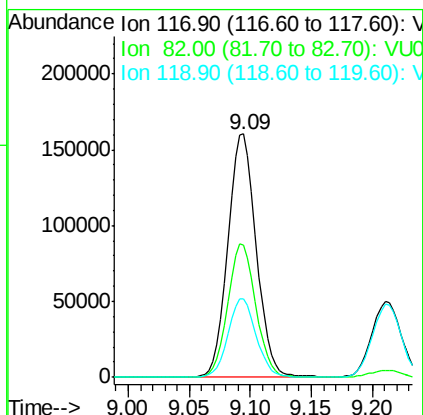
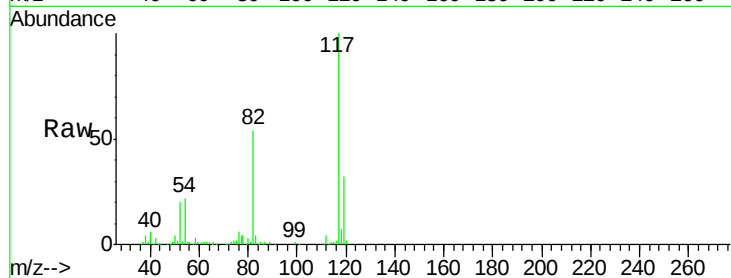




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

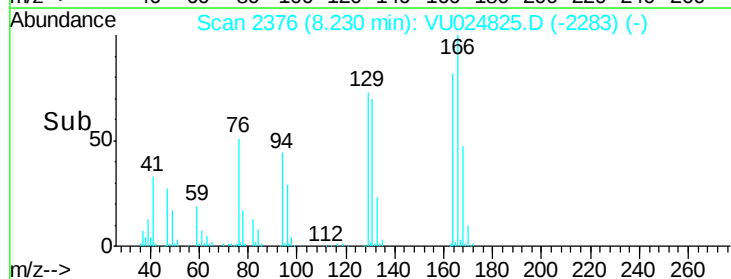
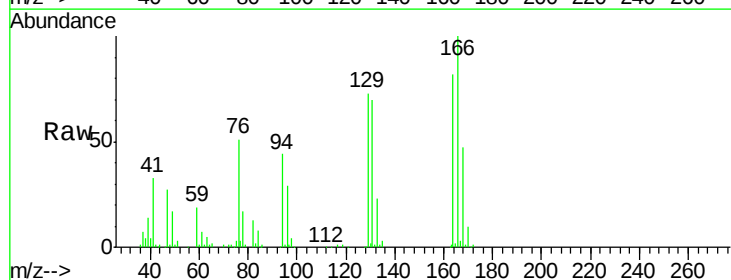
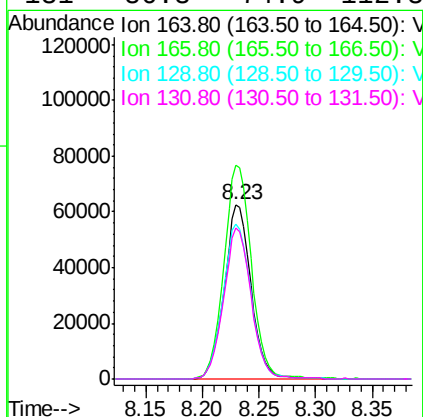
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.3	66.5
119	32.3	25.4	38.2



#64
Tetrachloroethene
Concen: 41.432 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	101.7	152.5
129	88.9	76.9	115.3
131	86.3	74.9	112.3

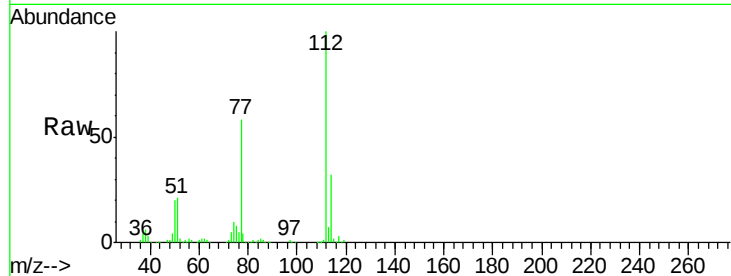




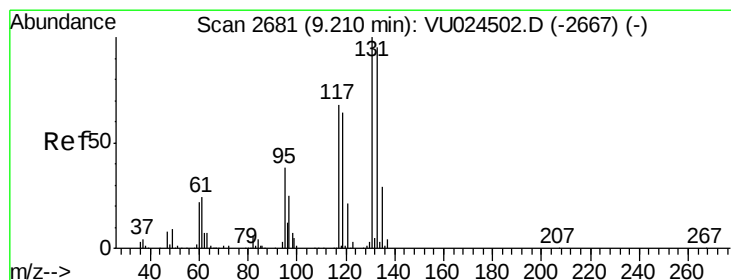
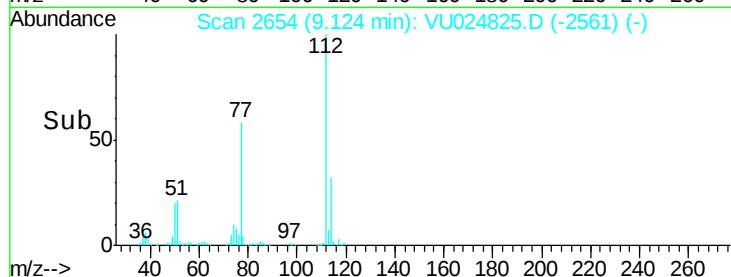
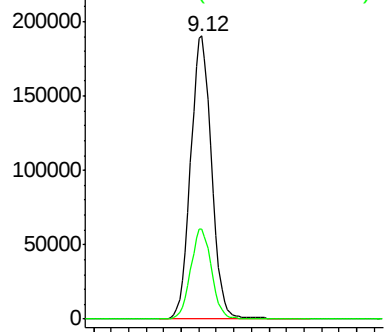
#65
Chlorobenzene
Concen: 47.338 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion:112 Resp: 316406
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

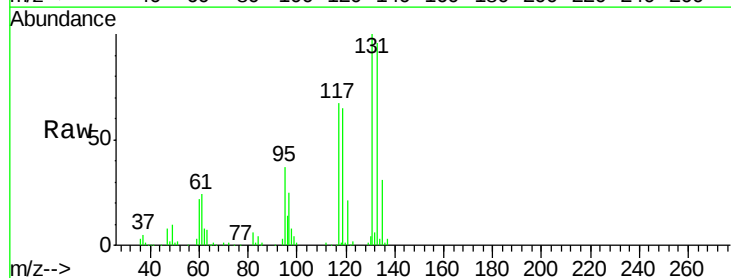


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

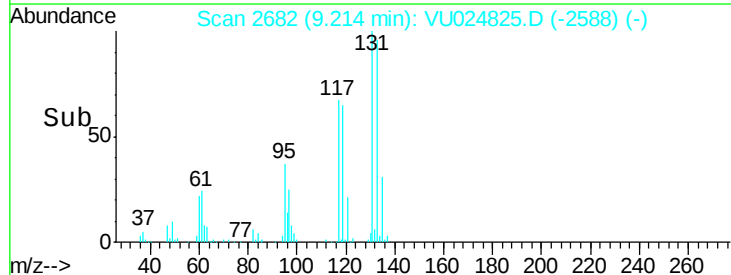
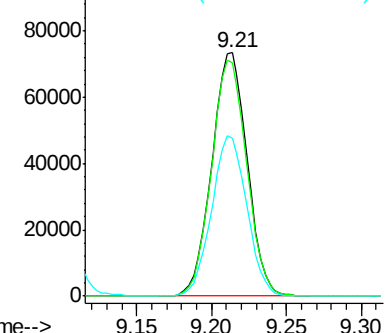


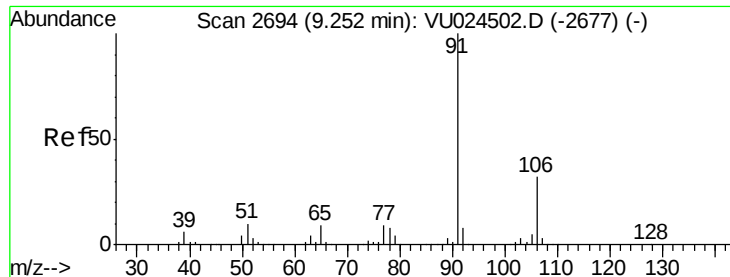
#66
1,1,1,2-Tetrachloroethane
Concen: 47.552 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:131 Resp: 120753
Ion Ratio Lower Upper
131 100
133 96.9 46.9 140.8
119 65.7 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.249 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

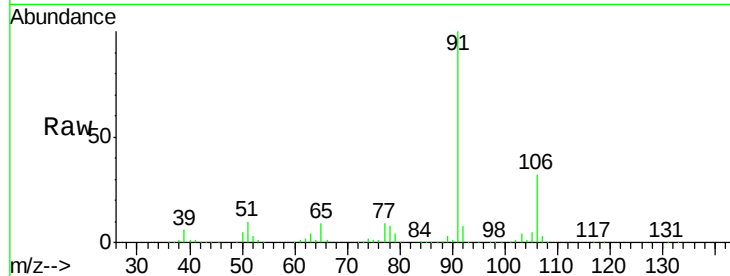
S39-0183MSD

Tot Ion: 91 Resp: 541926

Ion Ratio Lower Upper

91 100

106 31.7 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

200000

100000

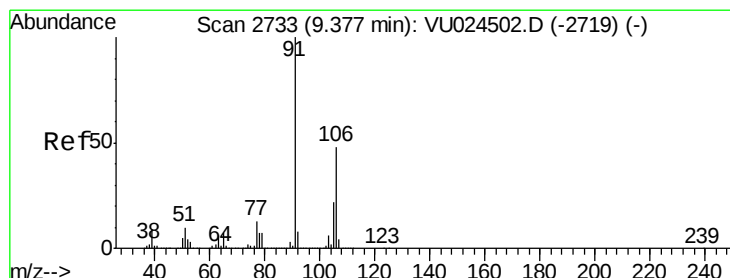
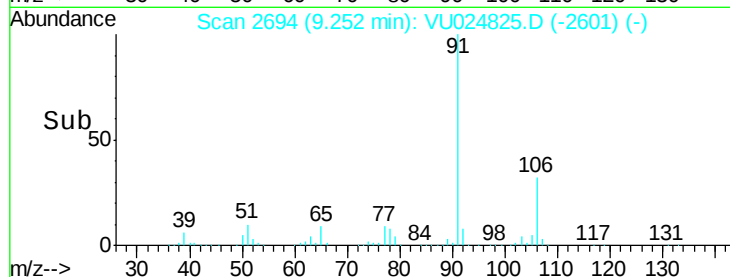
0

9.25

9.30

9.35

Time-->



#68

m/p-Xylenes

Concen: 93.331 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024825.D

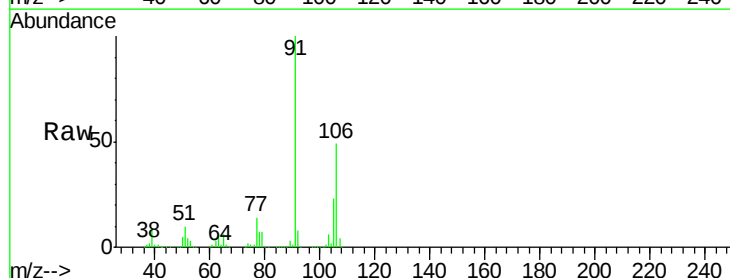
Acq: 21 Jun 2018 20:57

Tgt Ion:106 Resp: 419943

Ion Ratio Lower Upper

106 100

91 204.8 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

600000

500000

400000

300000

200000

100000

0

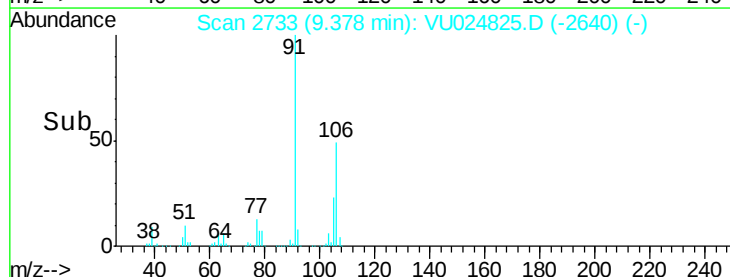
9.38

9.40

9.45

9.50

Time-->

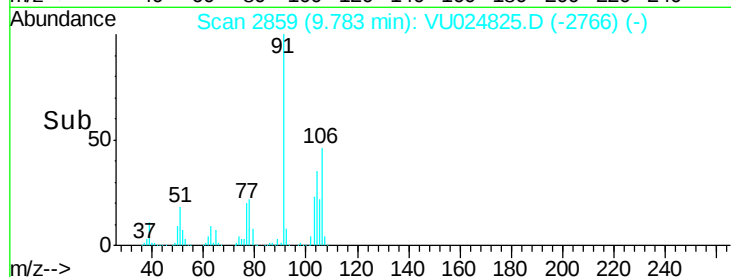
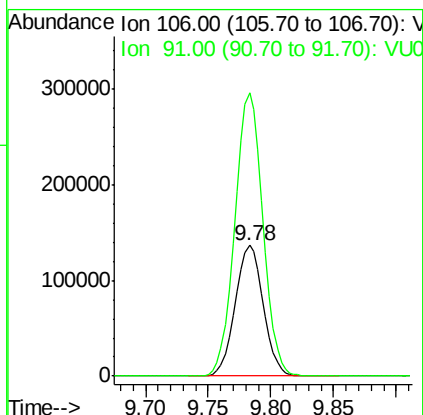
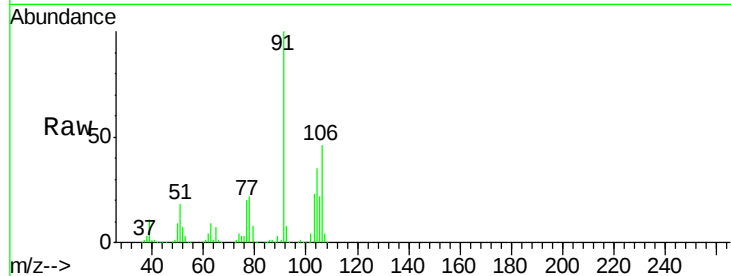




#69
o-Xylene
Concen: 47.643 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

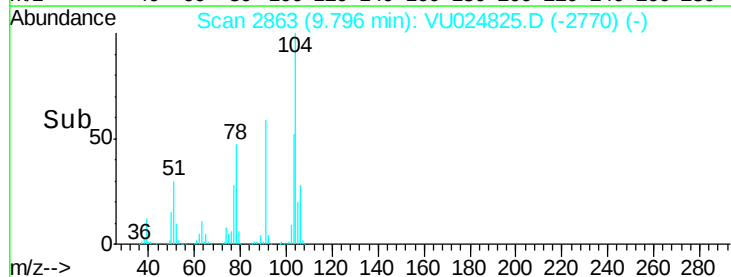
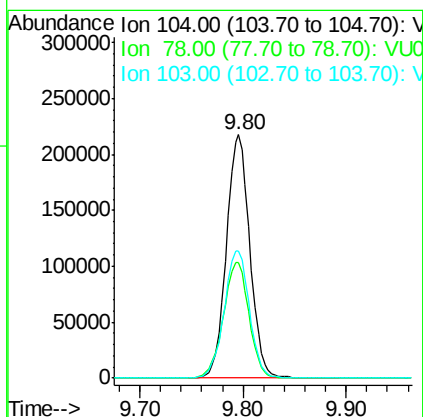
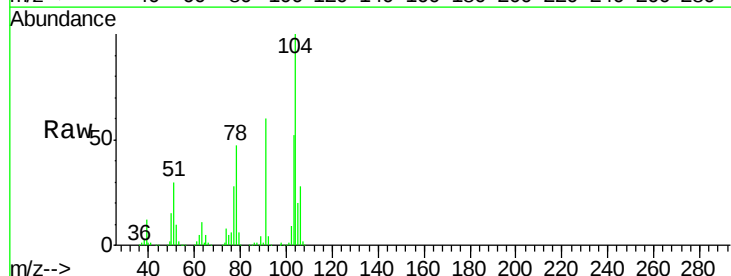
Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

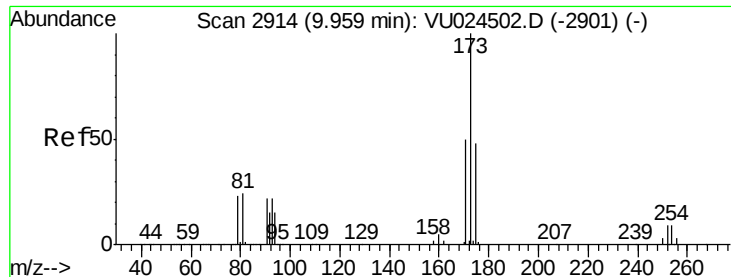
Tot Ion:106 Resp: 212155
Ion Ratio Lower Upper
106 100
91 216.8 110.7 331.9



#70
Styrene
Concen: 46.971 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024825.D
Acq: 21 Jun 2018 20:57

Tgt Ion:104 Resp: 343722
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 56.4 44.7 67.1





#71

Bromoform

Concen: 45.132 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

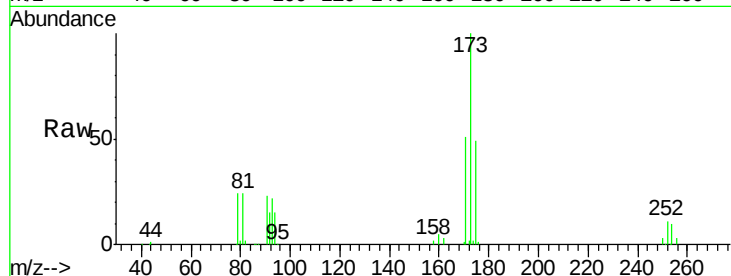
Tot Ion:173 Resp: 108932

Ion Ratio Lower Upper

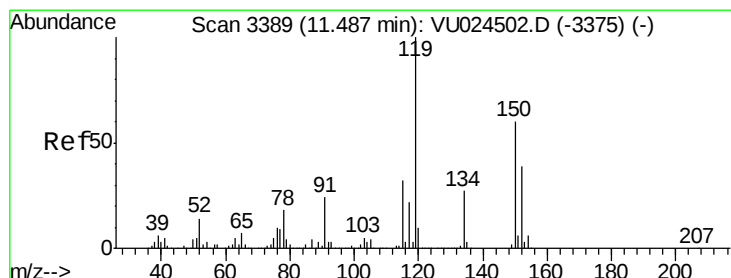
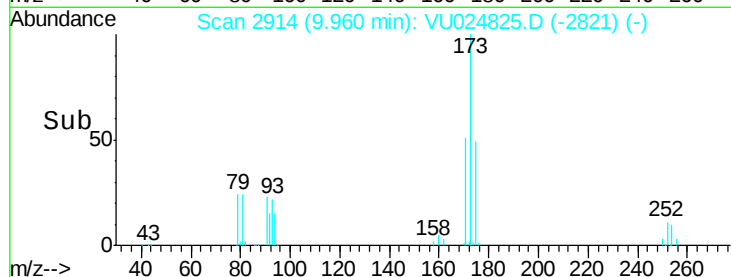
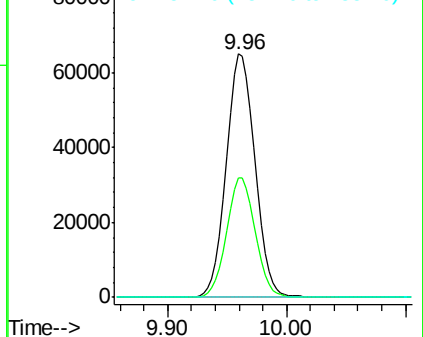
173 100

175 48.7 24.6 74.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

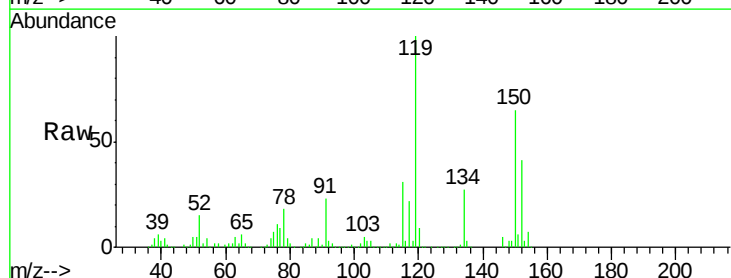
Tgt Ion:152 Resp: 154941

Ion Ratio Lower Upper

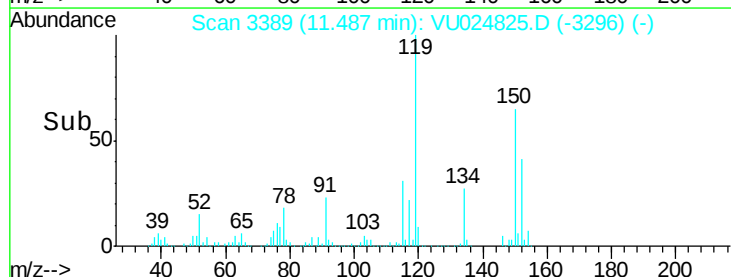
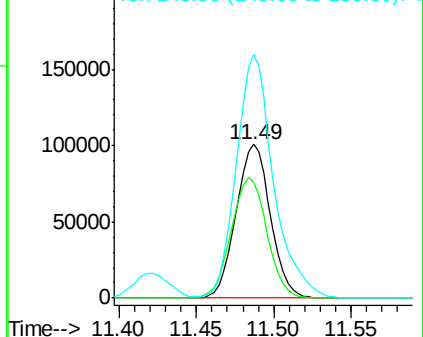
152 100

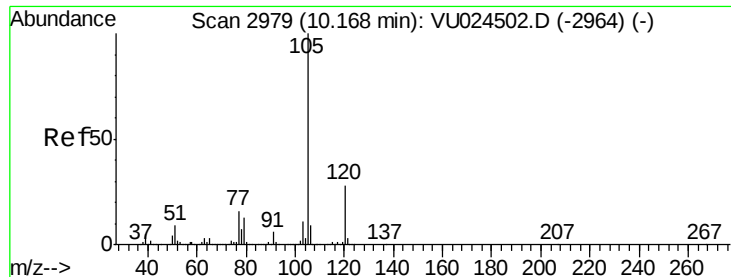
115 81.2 43.0 129.0

150 171.6 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.525 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

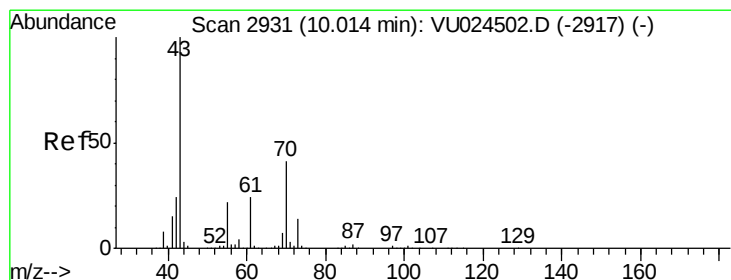
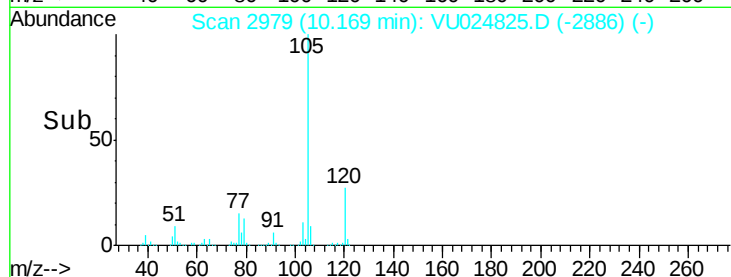
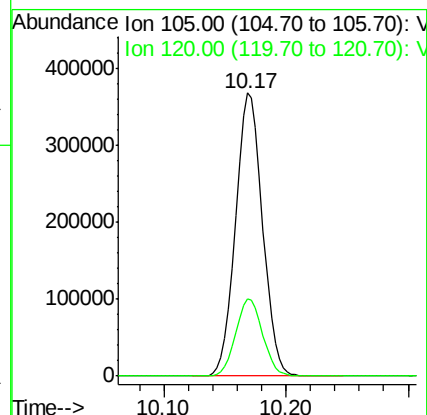
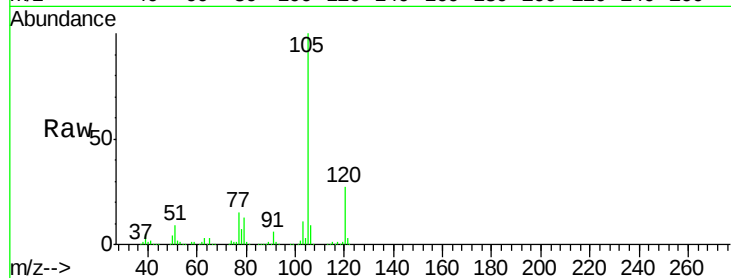
S39-0183MSD

Tot Ion:105 Resp: 565339

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 27.043 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion: 43 Resp: 153016

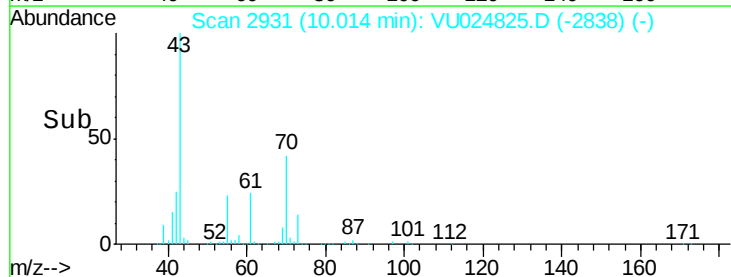
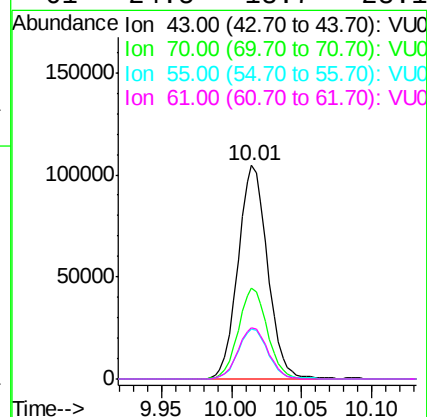
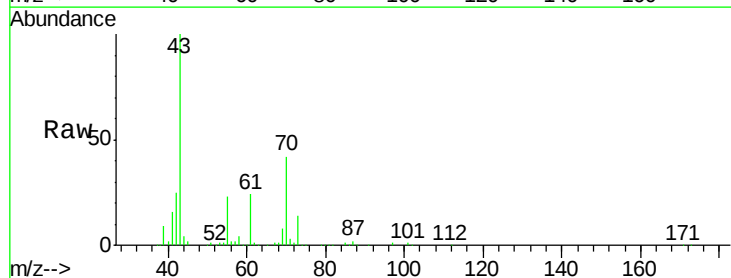
Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 23.8 20.5 30.7

61 24.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.675 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

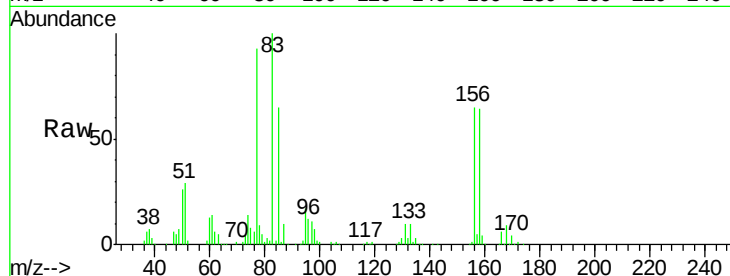
Tot Ion: 83 Resp: 198018

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

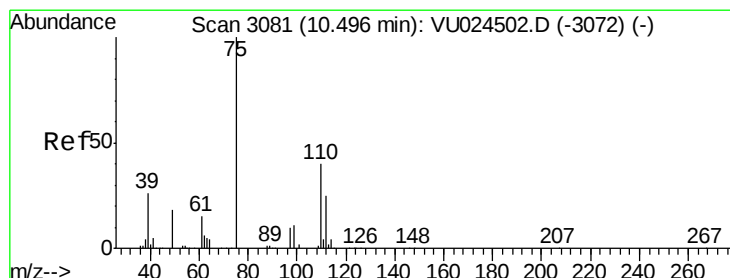
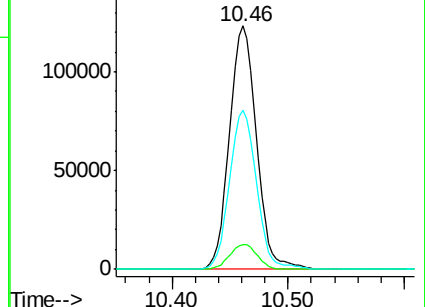
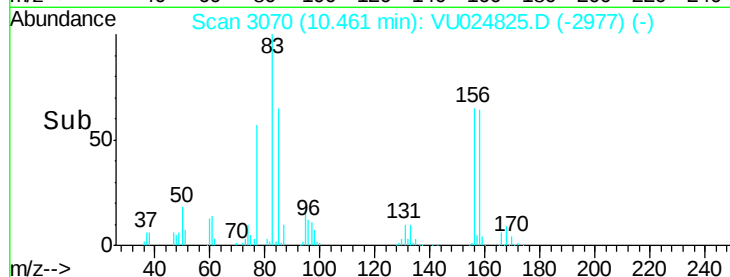
85 65.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VU024825.D (-2977) (-)

Ion 130.80 (130.50 to 131.50): VU024825.D (-2977) (-)

Ion 84.90 (84.60 to 85.60): VU024825.D (-2977) (-)



#76

1,2,3-Trichloropropane

Concen: 58.958 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. 0.00 min

Lab File: VU024825.D

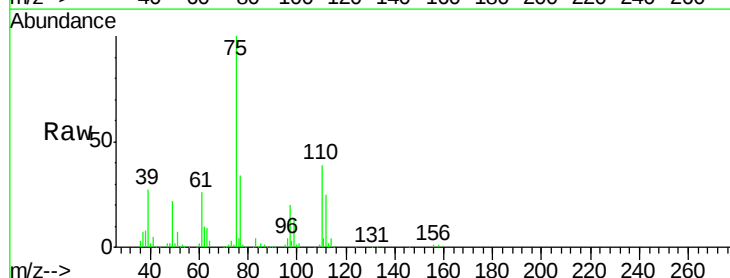
Acq: 21 Jun 2018 20:57

Tgt Ion: 75 Resp: 201119

Ion Ratio Lower Upper

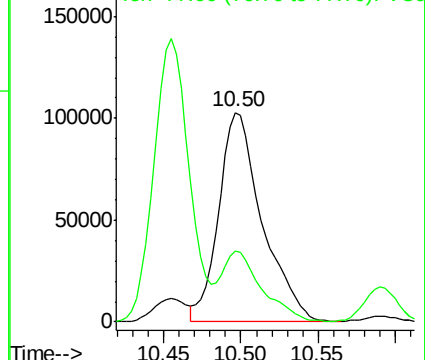
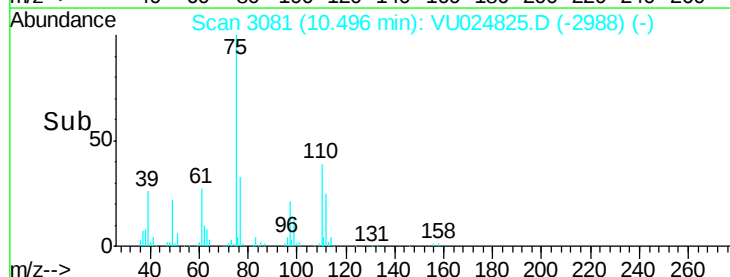
75 100

77 30.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VU024825.D (-2988) (-)

Ion 77.00 (76.70 to 77.70): VU024825.D (-2988) (-)





#77

Bromobenzene

Concen: 48.711 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

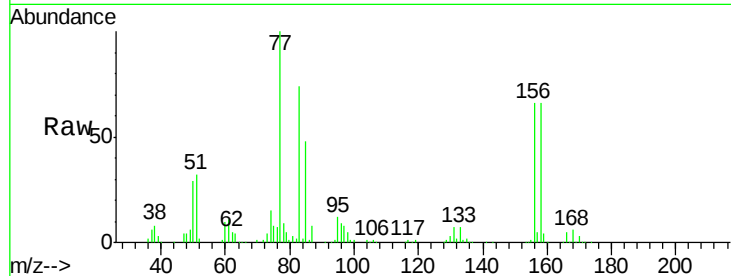
Tot Ion:156 Resp: 146697

Ion Ratio Lower Upper

156 100

77 150.5 80.5 241.3

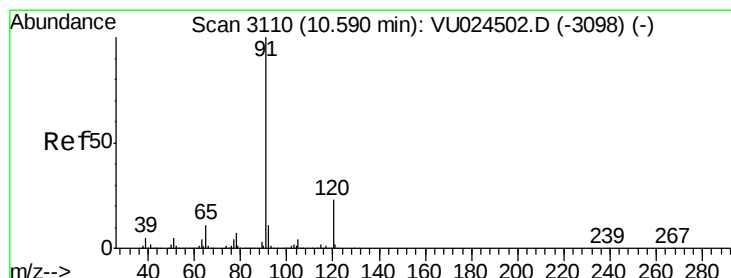
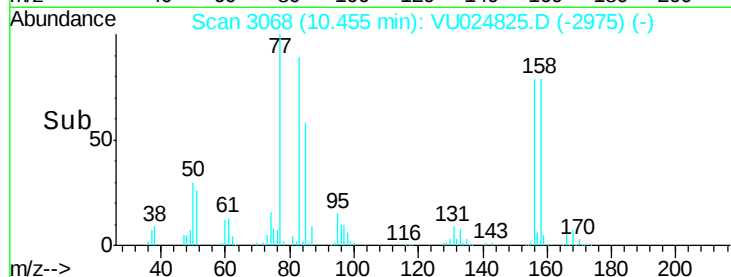
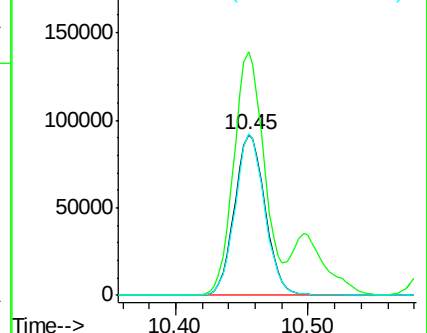
158 97.4 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.710 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024825.D

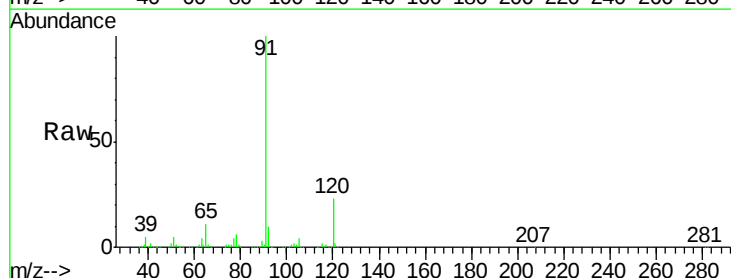
Acq: 21 Jun 2018 20:57

Tgt Ion: 91 Resp: 626517

Ion Ratio Lower Upper

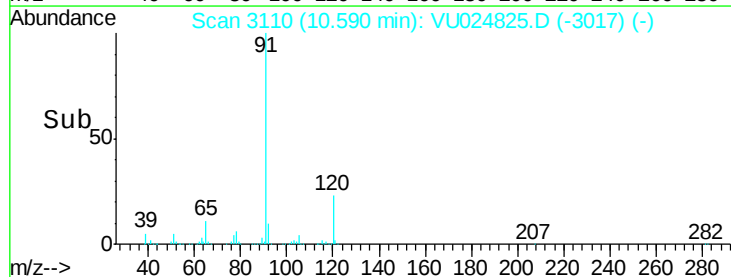
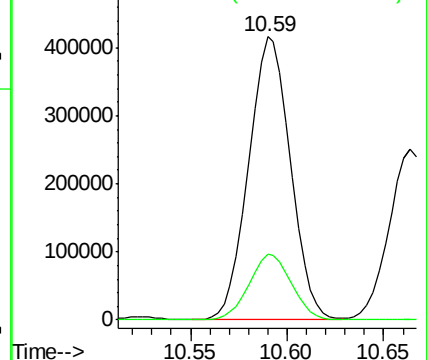
91 100

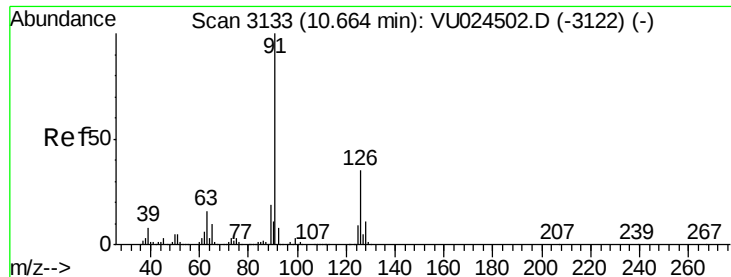
120 23.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.189 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

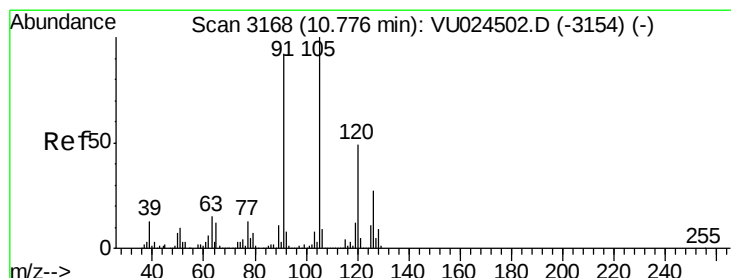
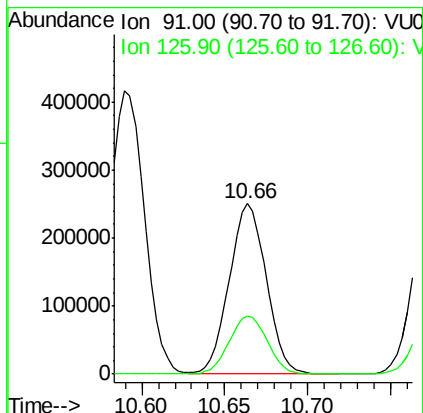
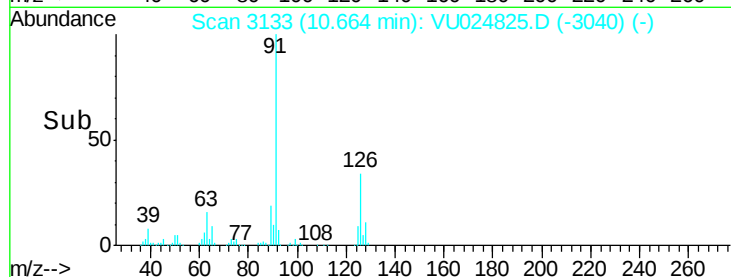
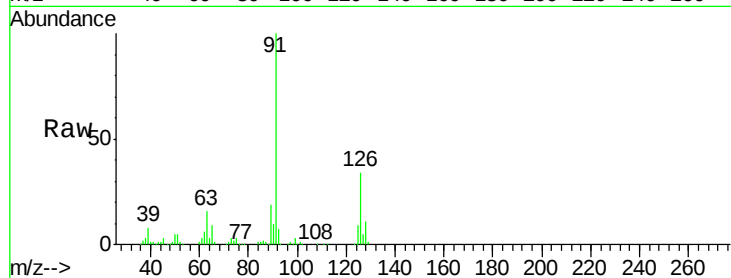
S39-0183MSD

Tot Ion: 91 Resp: 389954

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 47.127 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024825.D

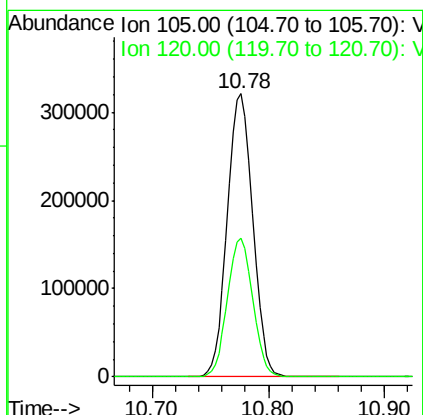
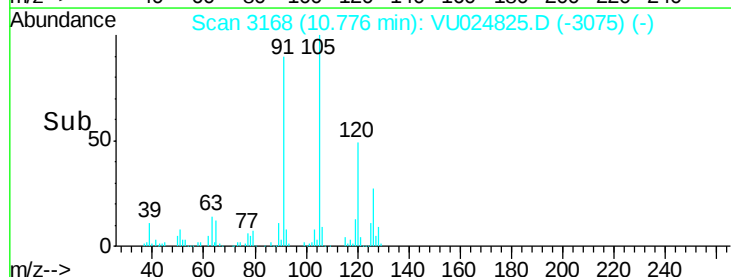
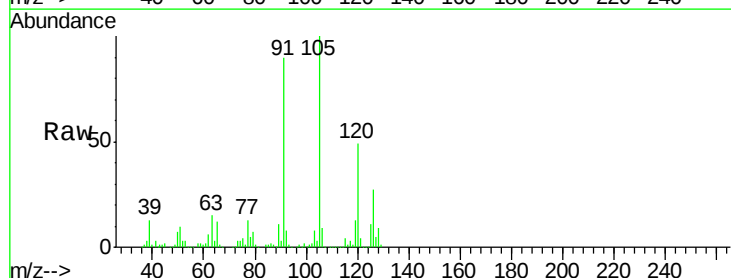
Acq: 21 Jun 2018 20:57

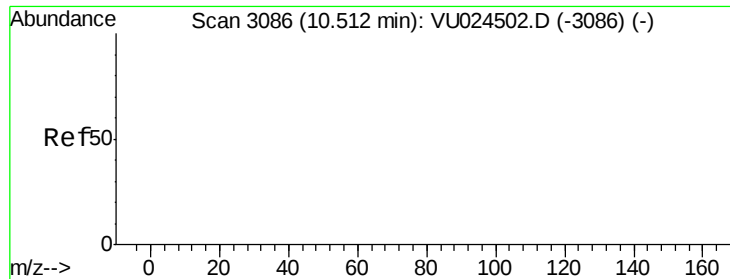
Tgt Ion: 105 Resp: 485906

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 136.453 ug/l

RT: 10.50 min Scan# 3081

Delta R.T. -0.02 min

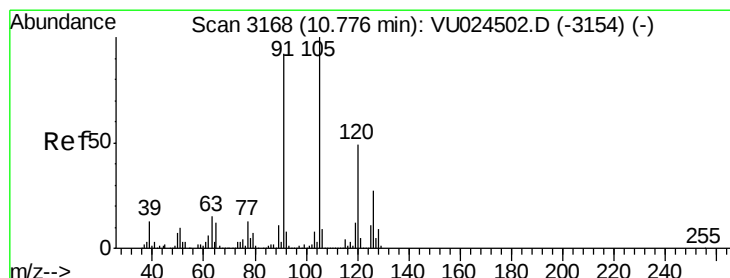
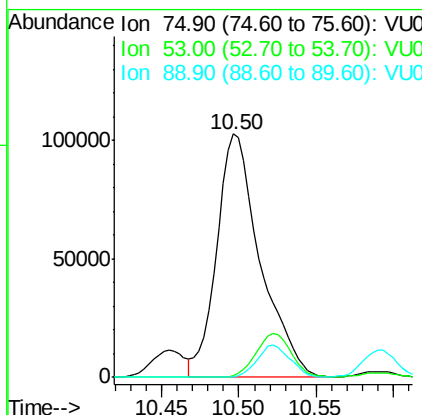
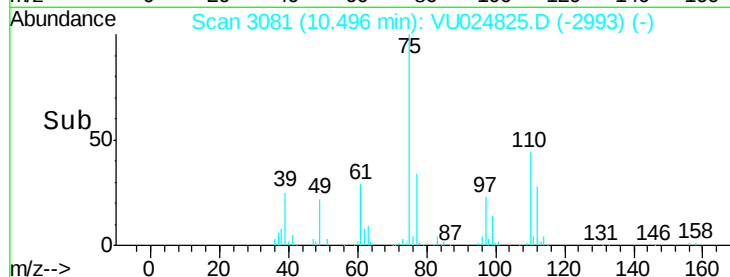
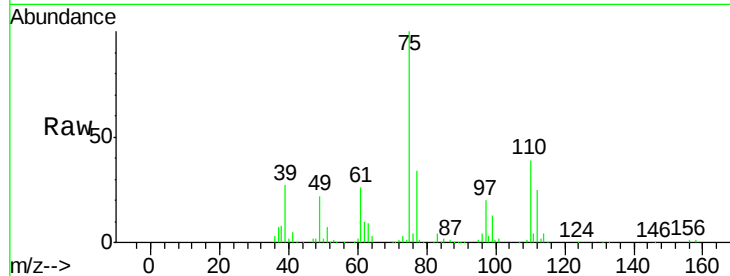
Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :
MSVOA_U
ClientSampleId :
S39-0183MSD

Tot Ion: 75 Resp: 201119

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0



#82

4-Chlorotoluene

Concen: 46.095 ug/l

RT: 10.78 min Scan# 3168

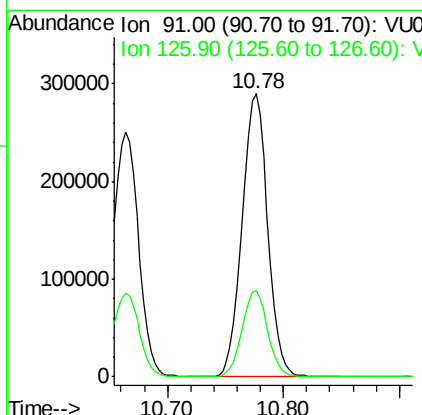
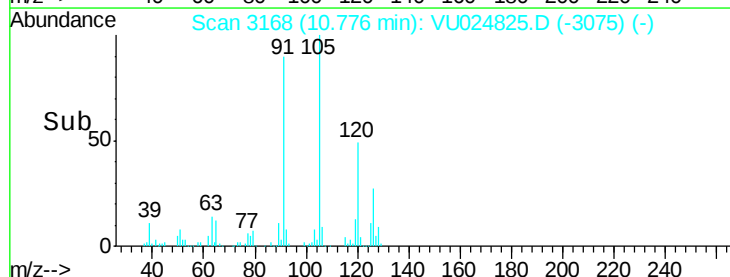
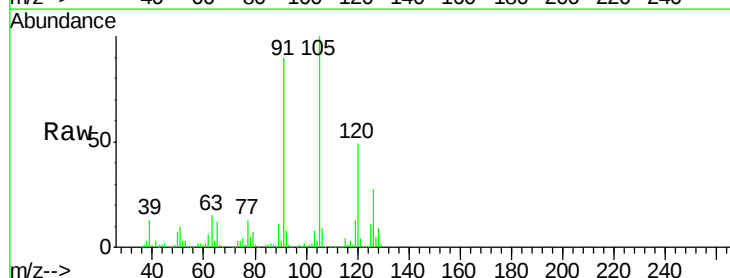
Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Tgt Ion: 91 Resp: 443352

Ion	Ratio	Lower	Upper
91	100		
126	30.6	14.9	44.9





#83

tert-Butylbenzene

Concen: 49.616 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

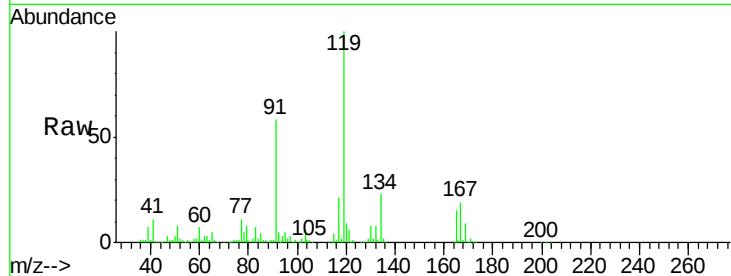
Tot Ion:119 Resp: 492092

Ion Ratio Lower Upper

119 100

91 58.4 29.7 89.1

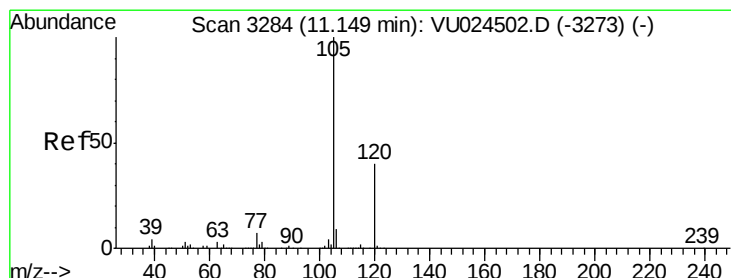
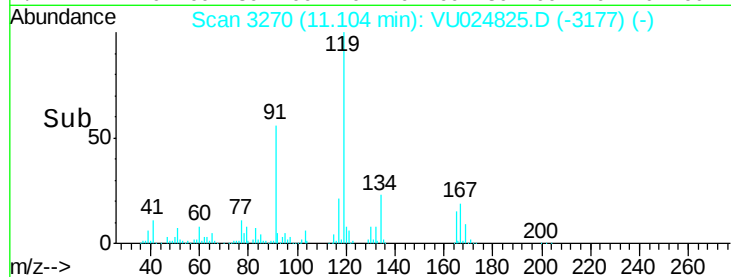
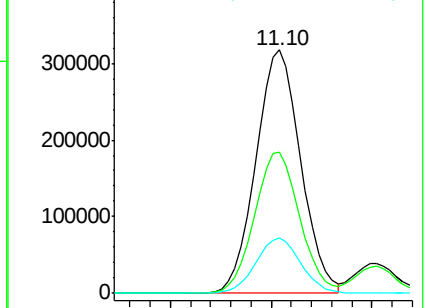
134 22.8 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.060 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024825.D

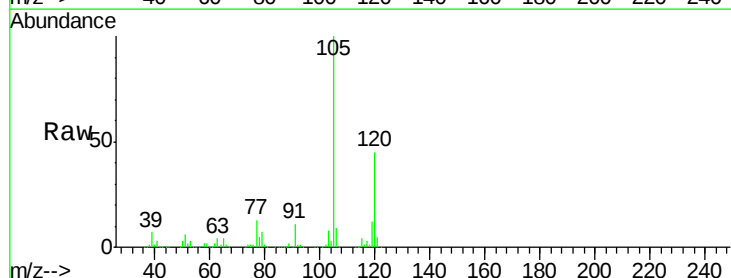
Acq: 21 Jun 2018 20:57

Tgt Ion:105 Resp: 494474

Ion Ratio Lower Upper

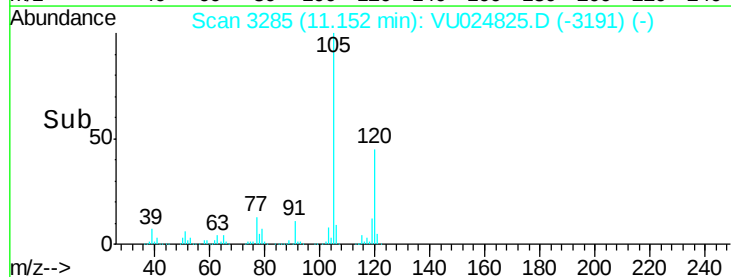
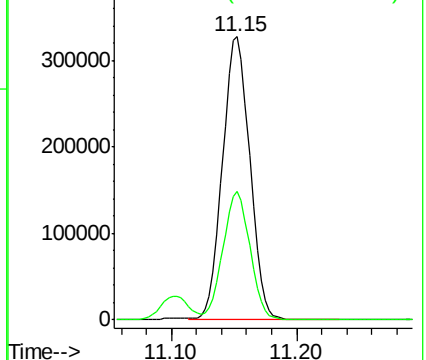
105 100

120 44.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

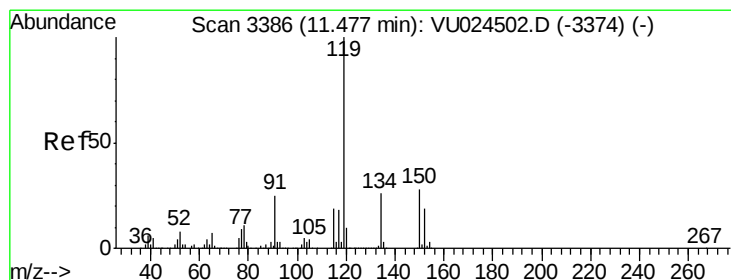
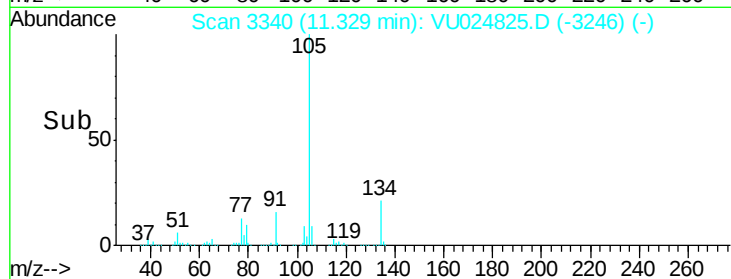
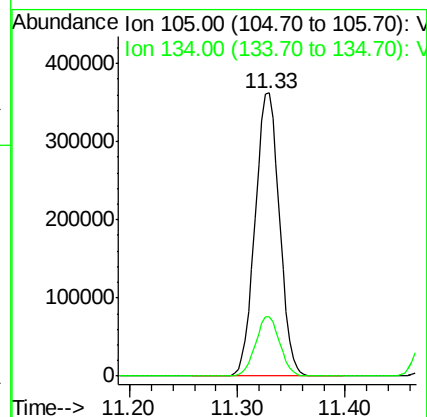
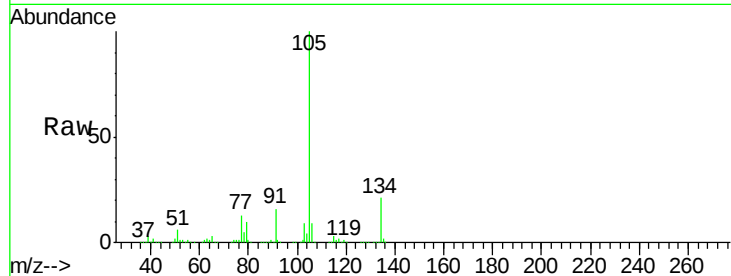




#85
 sec-Butylbenzene
 Concen: 45.667 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

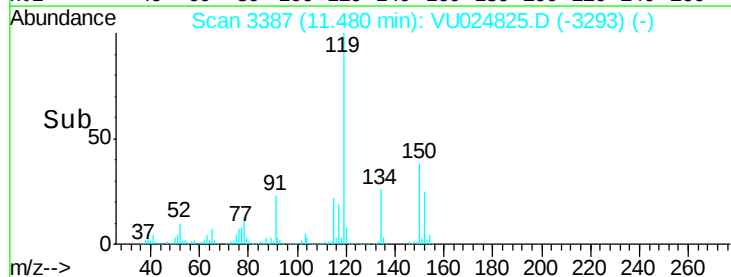
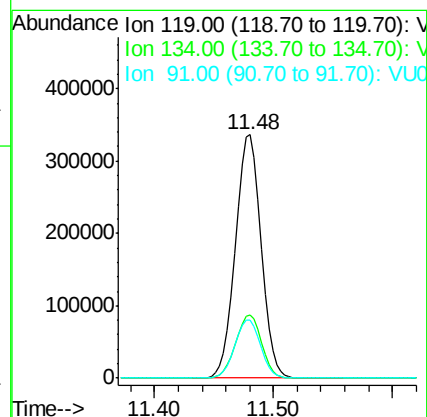
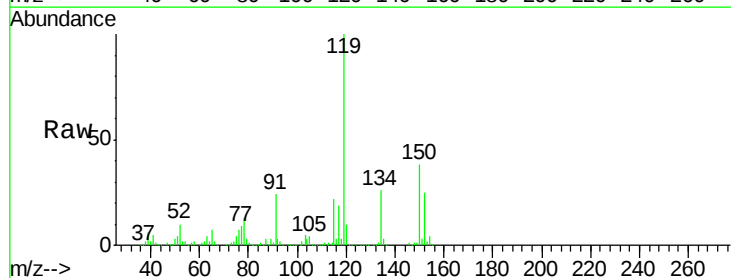
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion:105 Resp: 566948
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 45.112 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion:119 Resp: 501586
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.1 12.0 36.1

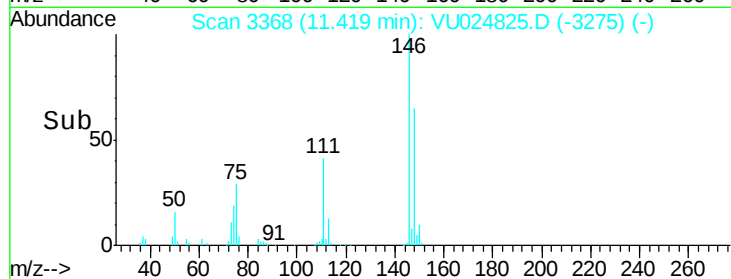
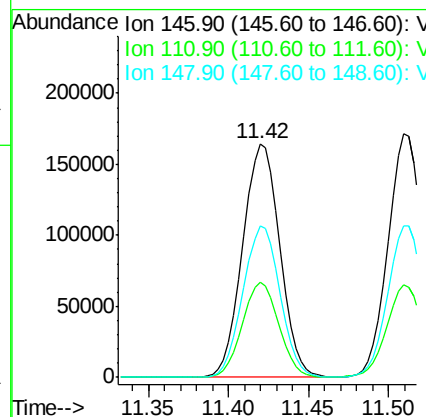
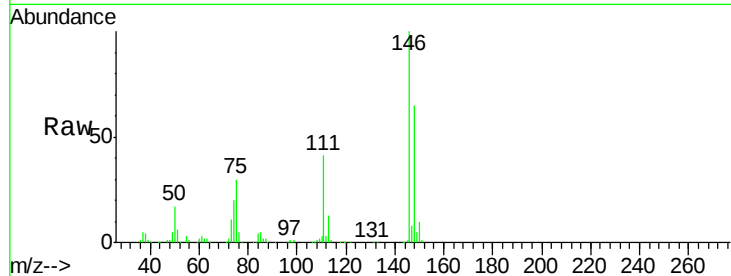




#87
 1,3-Dichlorobenzene
 Concen: 46.832 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

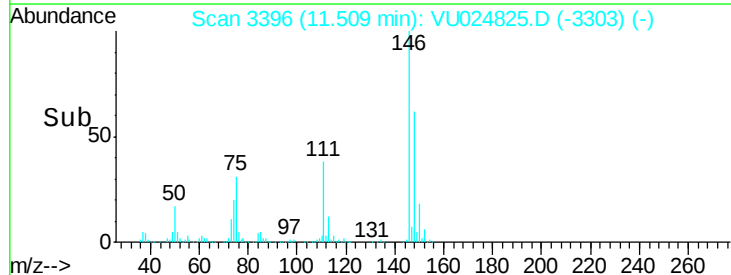
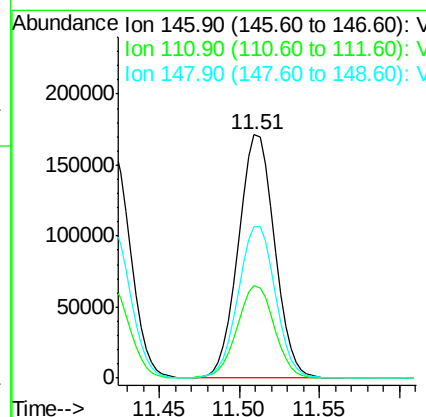
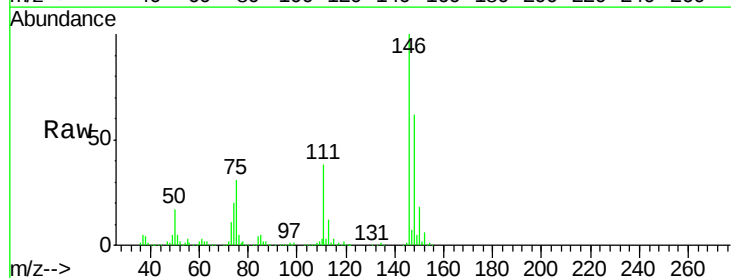
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

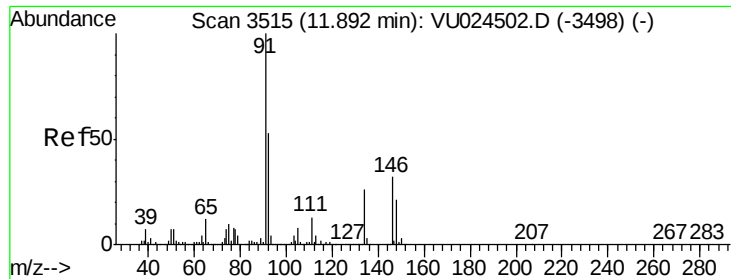
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.023 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 39.513 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

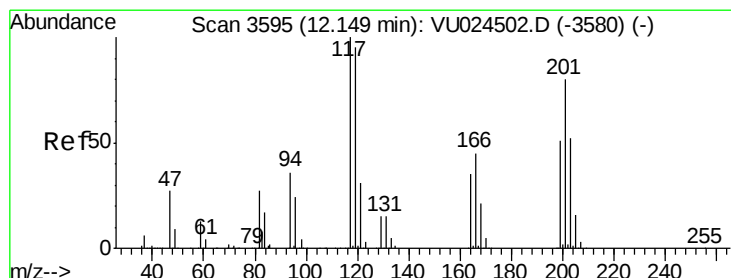
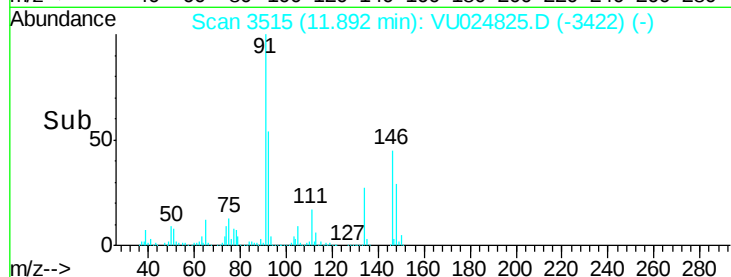
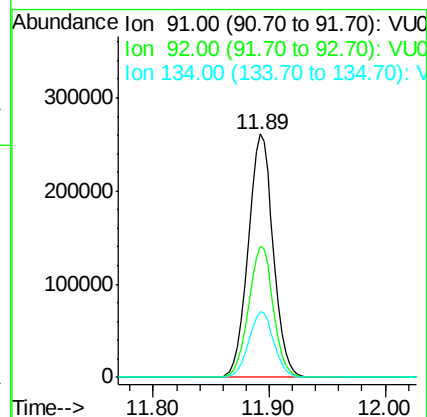
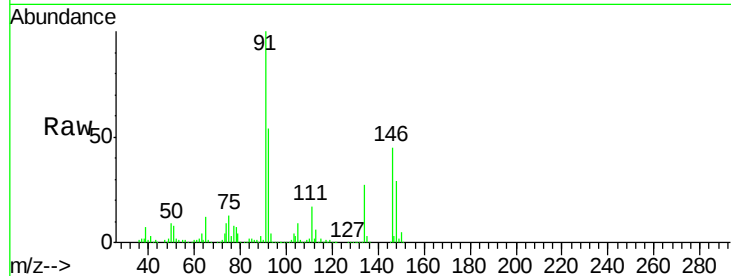
Tot Ion: 91 Resp: 390048

Ion Ratio Lower Upper

91 100

92 53.2 25.6 76.8

134 27.0 12.3 36.8



#90

Hexachloroethane

Concen: 44.011 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU024825.D

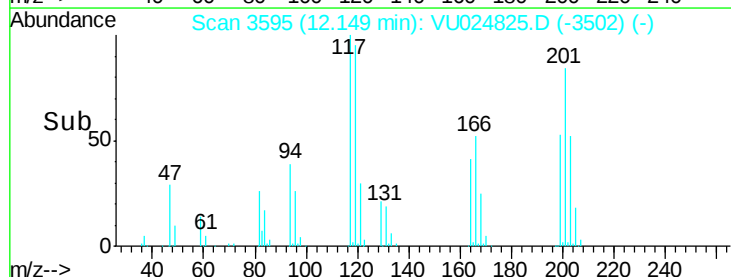
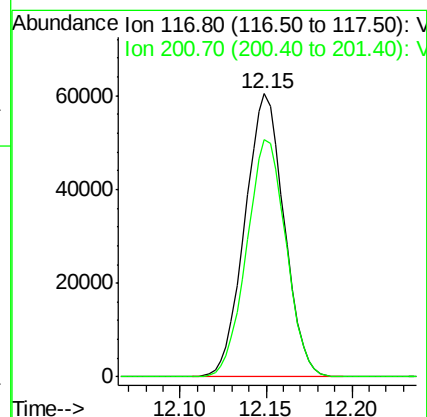
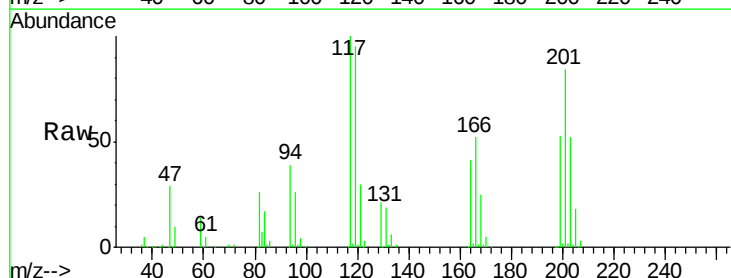
Acq: 21 Jun 2018 20:57

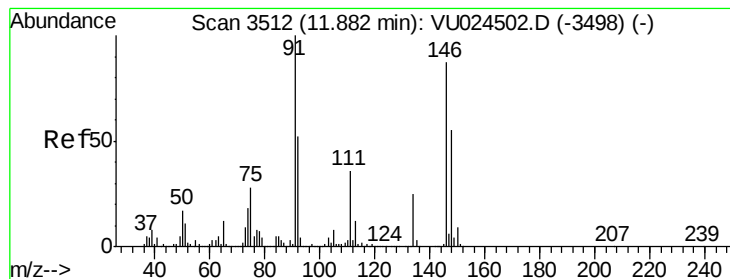
Tgt Ion: 117 Resp: 95460

Ion Ratio Lower Upper

117 100

201 84.2 41.1 123.3





#91

1,2-Dichlorobenzene

Concen: 49.456 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

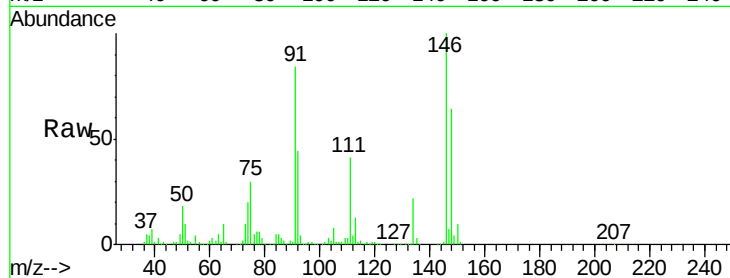
Tot Ion:146 Resp: 275613

Ion Ratio Lower Upper

146 100

111 40.8 20.5 61.6

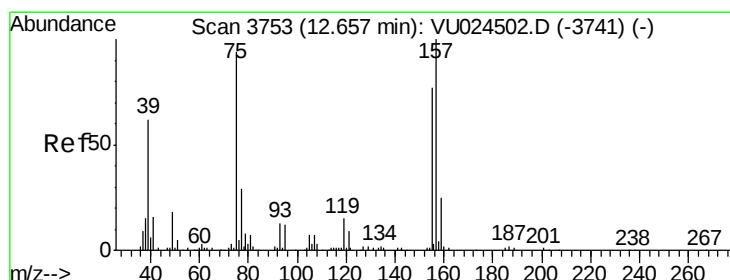
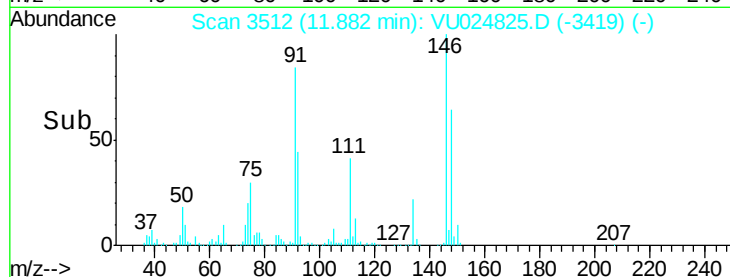
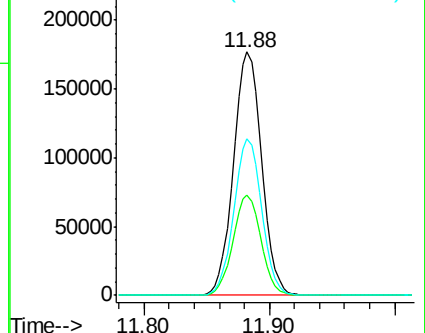
148 63.6 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.035 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

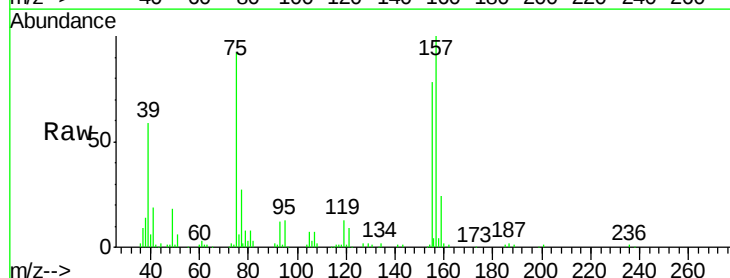
Tgt Ion: 75 Resp: 53935

Ion Ratio Lower Upper

75 100

155 87.4 40.4 121.2

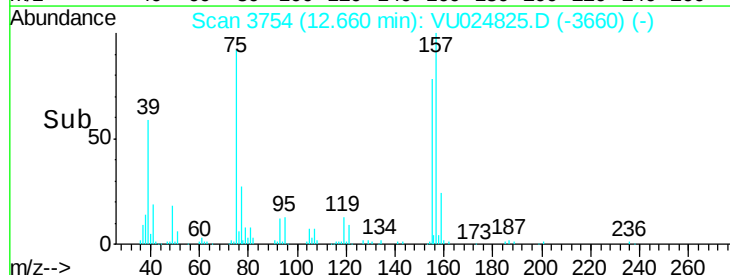
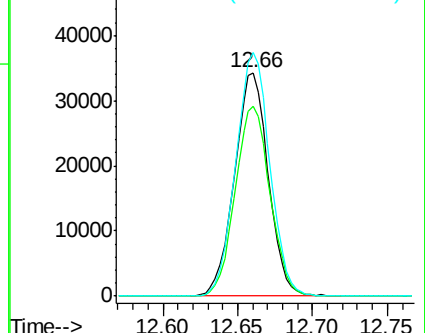
157 109.9 52.3 156.8

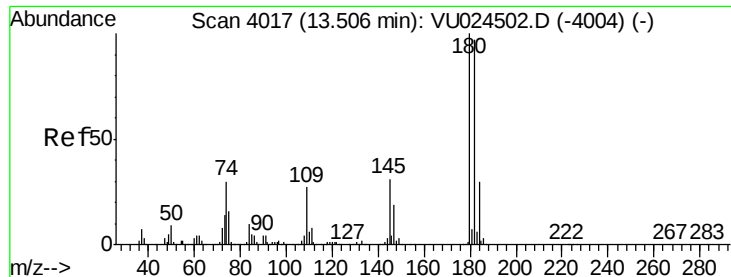


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

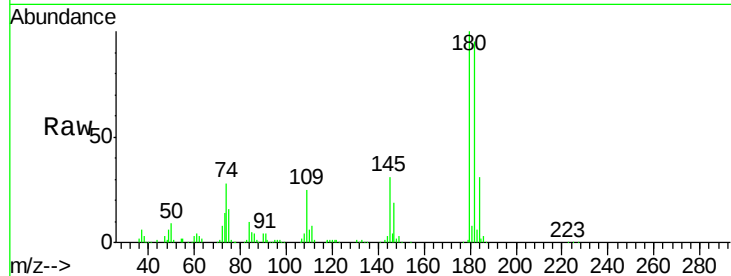




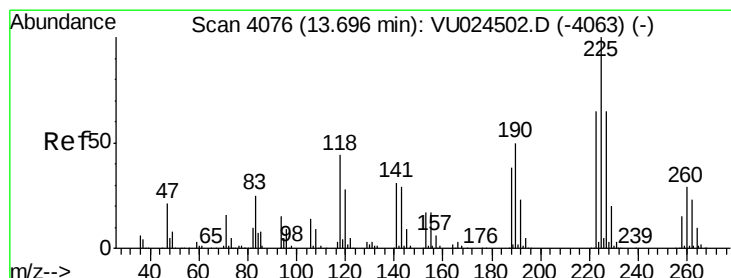
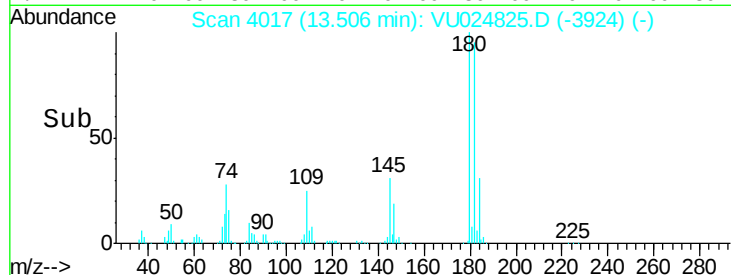
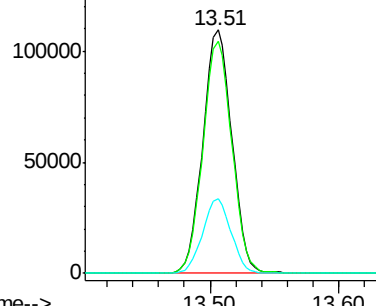
#93
 1,2,4-Trichlorobenzene
 Concen: 49.821 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	29.9	14.7	44.1

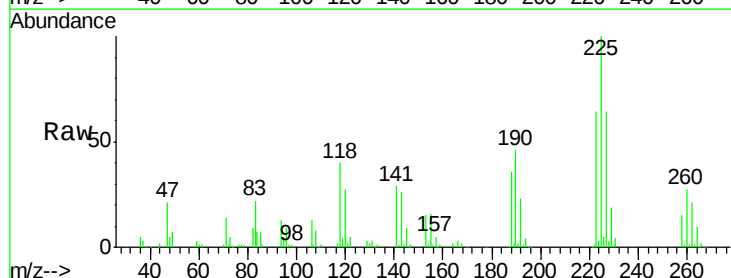


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

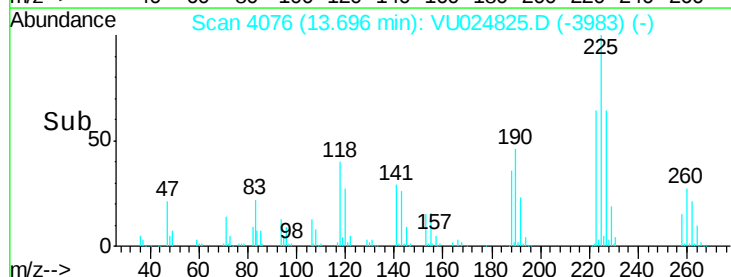
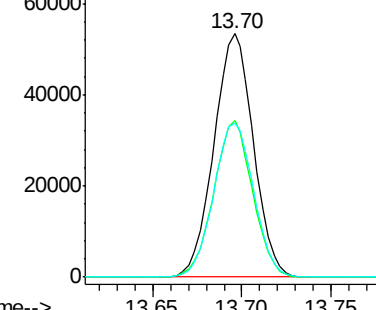


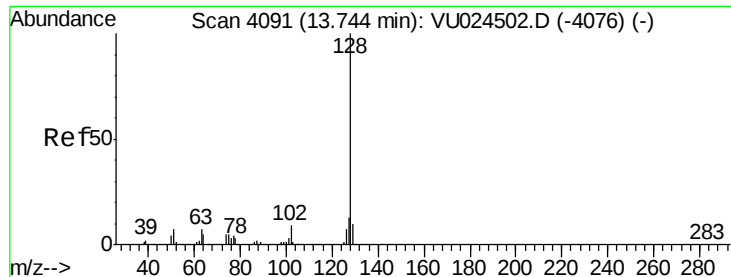
#94
 Hexachlorobutadiene
 Concen: 42.701 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU024825.D
 Acq: 21 Jun 2018 20:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	64.0	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.104 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

Instrument :

MSVOA_U

ClientSampleId :

S39-0183MSD

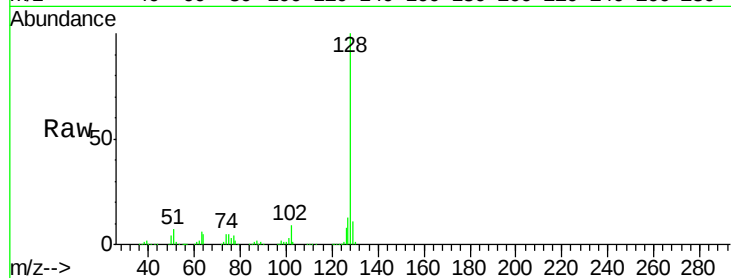
Tot Ion:128 Resp: 617036

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

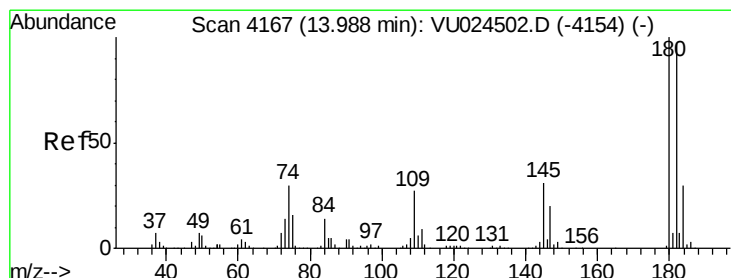
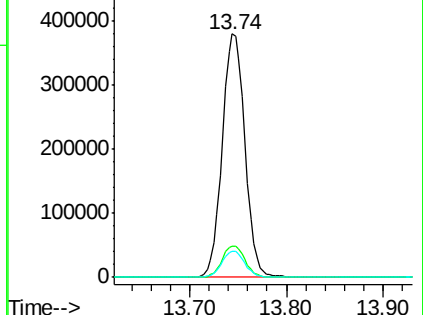
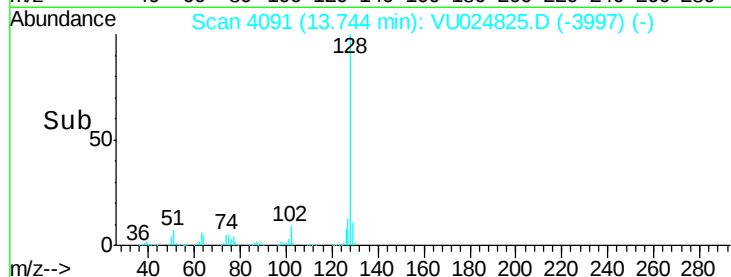
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.446 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU024825.D

Acq: 21 Jun 2018 20:57

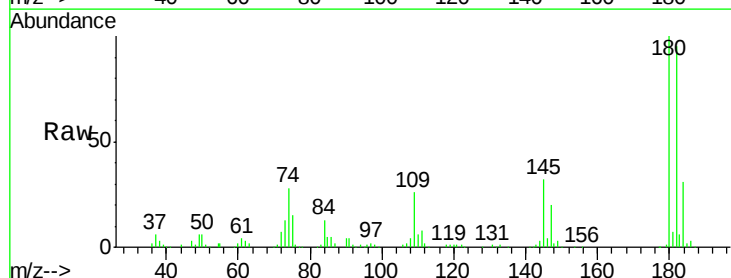
Tgt Ion:180 Resp: 186704

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 31.6 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

