

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027587.D
 Acq On : 11 Oct 2018 10:18
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:54 PM

Quant Time: Oct 12 09:35:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:17:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	123706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	206391	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	198576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106495	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	271021	139.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.12%	
35) Dibromofluoromethane	4.88	113	198837	144.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.12%	
50) Toluene-d8	7.57	98	779280	149.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.68%	
62) 4-Bromofluorobenzene	10.31	95	307262	167.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.40%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	192525	141.78	ug/l	98
3) Chloromethane	1.33	50	308454	145.61	ug/l	99
4) Vinyl Chloride	1.40	62	295331	148.89	ug/l	98
5) Bromomethane	1.60	94	168123	157.64	ug/l	100
6) Chloroethane	1.67	64	172603	127.21	ug/l	97
7) Trichlorofluoromethane	1.87	101	320885	144.00	ug/l	99
8) Diethyl Ether	2.10	74	148773	148.80	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	189394	145.63	ug/l	98
10) Methyl Iodide	2.40	142	235502	182.05	ug/l	99
11) Tert butyl alcohol	2.85	59	358742	773.43	ug/l	99
12) 1,1-Dichloroethene	2.28	96	187705	147.43	ug/l	98
13) Acrolein	2.19	56	280287	758.73	ug/l	98
14) Allyl chloride	2.59	41	480890	157.44	ug/l	90
15) Acrylonitrile	2.94	53	854881	774.72	ug/l	99
16) Acetone	2.32	43	758156	632.48	ug/l	99
17) Carbon Disulfide	2.47	76	657975	151.43	ug/l	100
18) Methyl Acetate	2.62	43	422134	143.57	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	748066	153.75	ug/l	98
20) Methylene Chloride	2.70	84	237066	142.23	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	208952	148.69	ug/l	100
22) Diisopropyl ether	3.58	45	886026	150.24	ug/l	98
23) Vinyl Acetate	3.53	43	3934636	796.78	ug/l	100
24) 1,1-Dichloroethane	3.44	63	458680	146.25	ug/l	99
25) 2-Butanone	4.27	43	1259657	763.79	ug/l	99
26) 2,2-Dichloropropane	4.22	77	355764	140.65	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	241015	155.91	ug/l	98
28) Bromochloromethane	4.55	49	224684	145.01	ug/l	97
29) Tetrahydrofuran	4.64	42	804110	780.31	ug/l	99
30) Chloroform	4.67	83	409330	146.91	ug/l	99
31) Cyclohexane	5.00	56	436341	121.58	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	348133	148.37	ug/l	99
36) 1,1-Dichloropropene	5.13	75	328398	158.02	ug/l	98
37) Ethyl Acetate	4.38	43	453248	163.44	ug/l	99
38) Carbon Tetrachloride	5.13	117	299003	155.66	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	389587	168.02	ug/l	98
40) Benzene	5.39	78	957329	151.20	ug/l	100
41) Methacrylonitrile	4.55	41	254597	168.70	ug/l	100
42) 1,2-Dichloroethane	5.40	62	351361	149.92	ug/l	99
43) Isopropyl Acetate	5.55	43	713495	167.00	ug/l	100
44) Trichloroethene	6.19	130	218443	157.40	ug/l	100
45) 1,2-Dichloropropane	6.43	63	278736	155.42	ug/l	99
46) Dibromomethane	6.56	93	162043	153.12	ug/l	99
47) Bromodichloromethane	6.76	83	328660	154.64	ug/l	100
48) Methyl methacrylate	6.62	41	369793	177.96	ug/l	99
49) 1,4-Dioxane	6.62	88	139437	3427.20	ug/l	96
51) 4-Methyl-2-Pentanone	7.47	43	2426792	847.14	ug/l	99
52) Toluene	7.64	92	579192	161.79	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	409995	172.86	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	428605	164.57	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	230699	155.01	ug/l	98
56) Ethyl methacrylate	8.02	69	434473	186.96	ug/l	98
57) 1,3-Dichloropropane	8.24	76	443158	157.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	1177665	869.14	ug/l	98
59) 2-Hexanone	8.37	43	1926011	865.21	ug/l	99
60) Dibromochloromethane	8.48	129	246750	168.33	ug/l	100
61) 1,2-Dibromoethane	8.59	107	248938	159.65	ug/l	100
64) Tetrachloroethene	8.23	164	184552	149.54	ug/l	99
65) Chlorobenzene	9.12	112	623834	151.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	223386	160.46	ug/l	99
67) Ethyl Benzene	9.25	91	1141957	164.16	ug/l	99
68) m/p-Xylenes	9.38	106	848228	335.22	ug/l	99
69) o-Xylene	9.78	106	415385	169.15	ug/l	99
70) Styrene	9.79	104	709752	177.57	ug/l	99
71) Bromoform	9.96	173	200716	176.47	ug/l #	99
73) Isopropylbenzene	10.17	105	1121031	157.69	ug/l	99
74) N-amyl acetate	10.02	43	699574	168.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	430334	137.61	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	392137m	127.85	ug/l	
77) Bromobenzene	10.46	156	264381	150.64	ug/l	98
78) n-propylbenzene	10.59	91	1368972	158.85	ug/l	100
79) 2-Chlorotoluene	10.66	91	795538	148.81	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	948861	162.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	183956m	71.69	ug/l	
82) 4-Chlorotoluene	10.77	91	944747	160.16	ug/l	99
83) tert-Butylbenzene	11.10	119	927699	160.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	981810	166.89	ug/l	100
85) sec-Butylbenzene	11.33	105	1166385	167.43	ug/l	100
86) p-Isopropyltoluene	11.48	119	1016579	169.27	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	501009	154.38	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	507102	146.27	ug/l	99
89) n-Butylbenzene	11.89	91	990035	181.95	ug/l	99
90) Hexachloroethane	12.15	117	186804	159.22	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	496855	151.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	105061	157.04	ug/l	94

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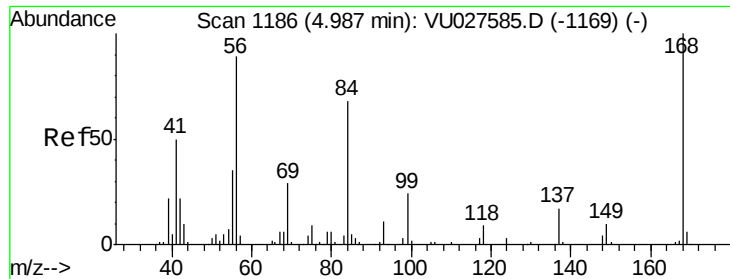
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	353795	186.92	ug/l	99
94) Hexachlorobutadiene	13.69	225	163405	155.88	ug/l	99
95) Naphthalene	13.74	128	1208647	190.03	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	353094	165.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion:168 Resp: 123706

Ion Ratio Lower Upper

168 100

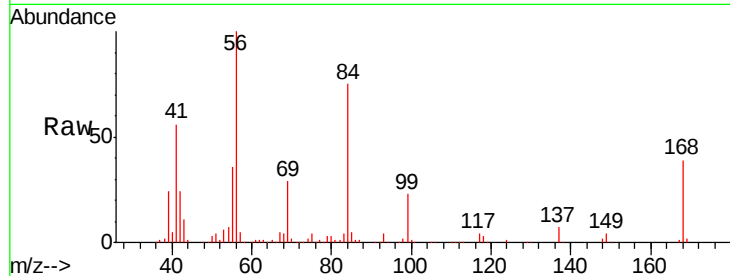
99 59.7 50.8 76.2

Manual Integrations

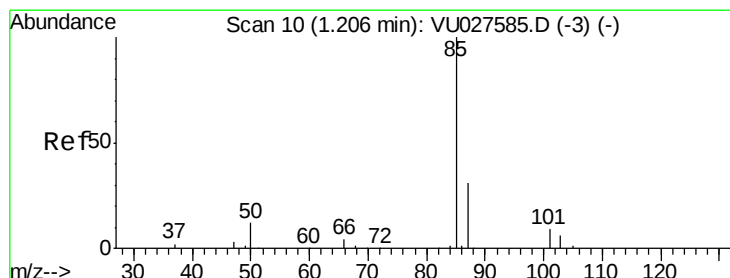
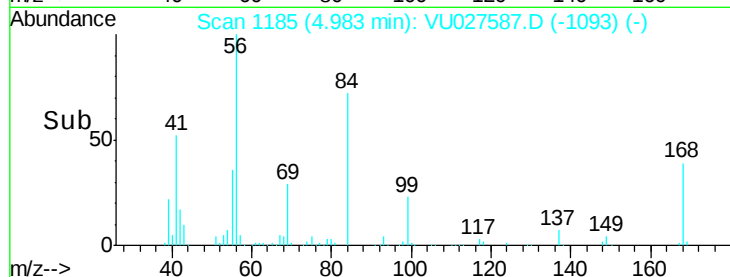
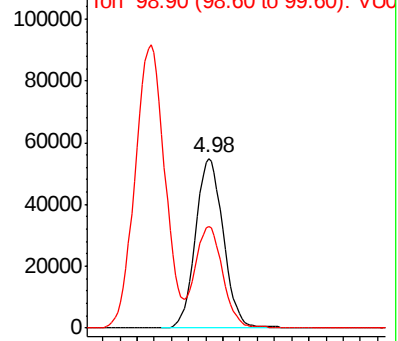
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Abundance Ion 167.90 (167.60 to 168.60): VU027587.D (-1093) (-)



#2

Dichlorodifluoromethane

Concen: 141.78 ug/l

RT: 1.20 min Scan# 9

Delta R.T. -0.00 min

Lab File: VU027587.D

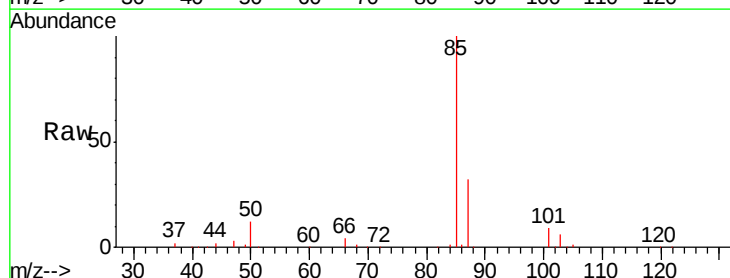
Acq: 11 Oct 2018 10:18

Tgt Ion: 85 Resp: 192525

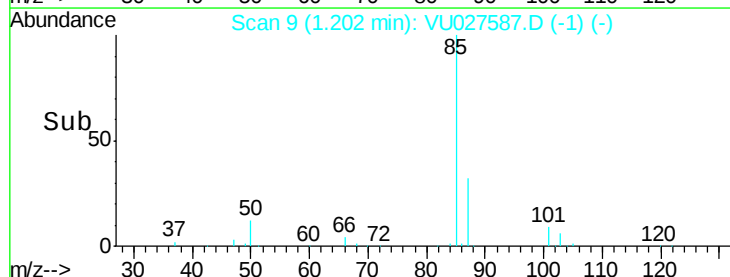
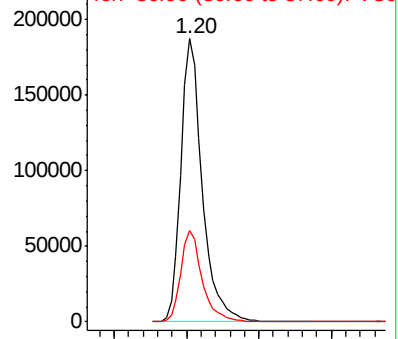
Ion Ratio Lower Upper

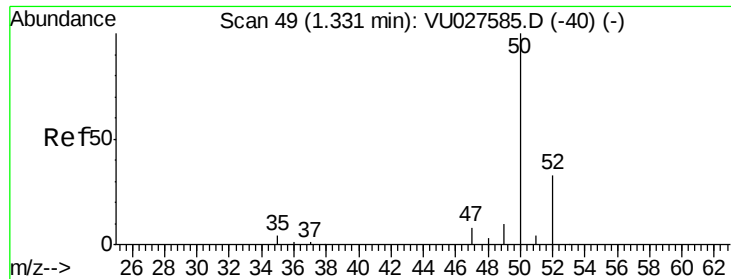
85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027587.D (-1) (-)





#3

Chloromethane

Concen: 145.61 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 308454

Ion Ratio Lower Upper

50 100

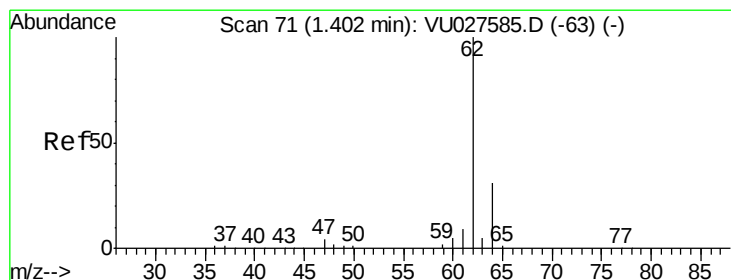
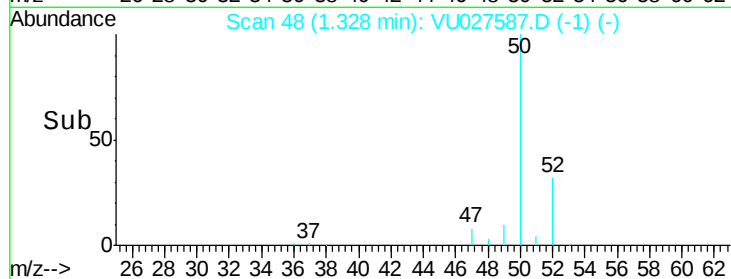
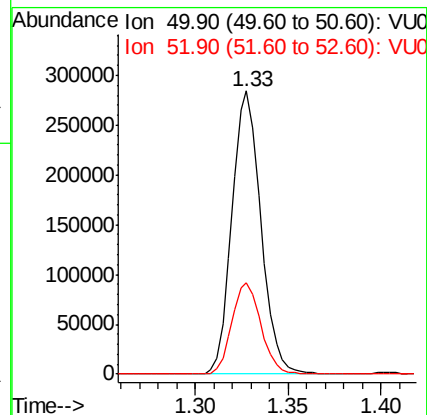
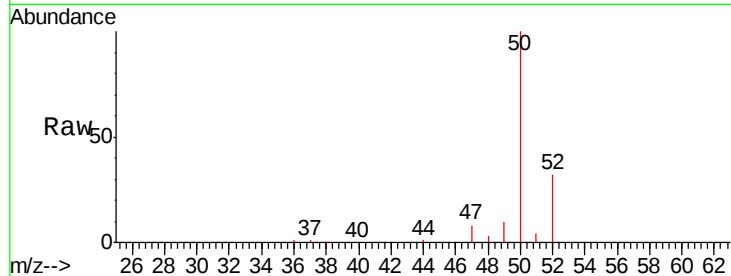
52 32.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 148.89 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027587.D

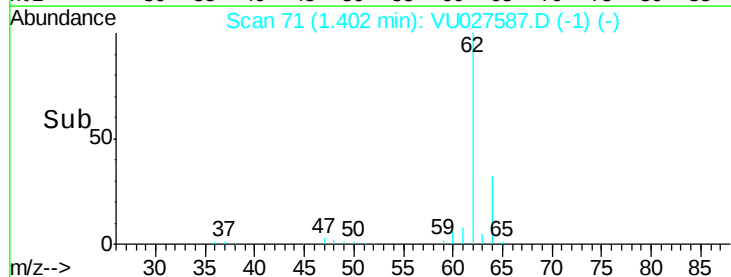
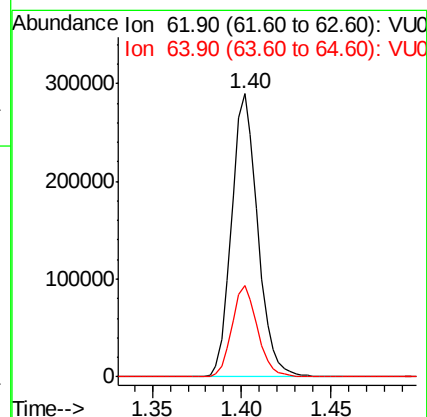
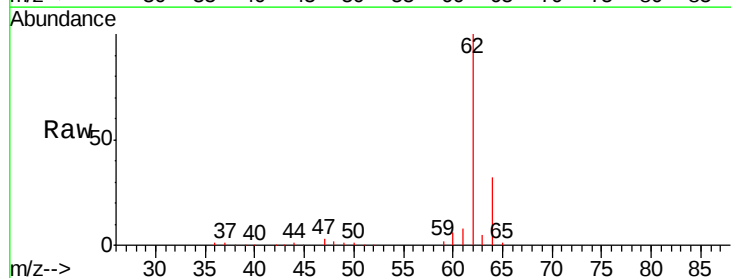
Acq: 11 Oct 2018 10:18

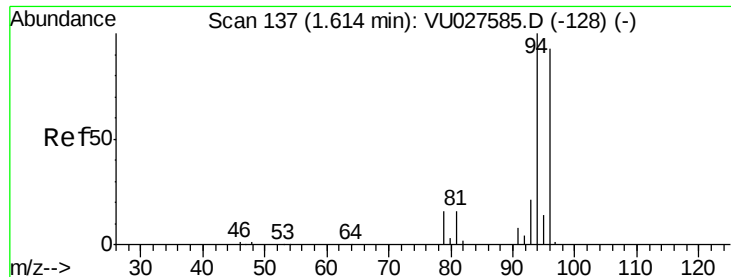
Tgt Ion: 62 Resp: 295331

Ion Ratio Lower Upper

62 100

64 32.1 24.9 37.3





#5

Bromomethane

Concen: 157.64 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 168123

Ion Ratio Lower Upper

94 100

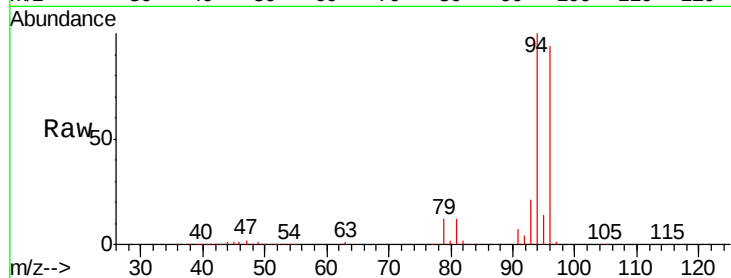
96 93.7 74.6 111.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

200000

150000

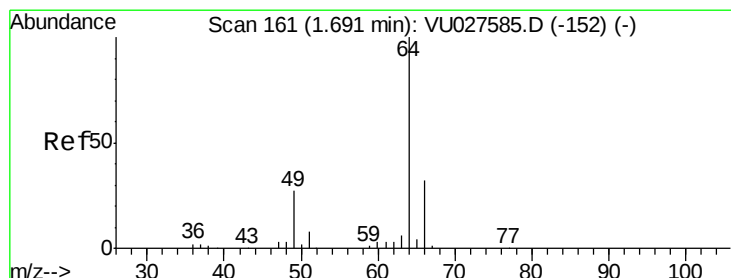
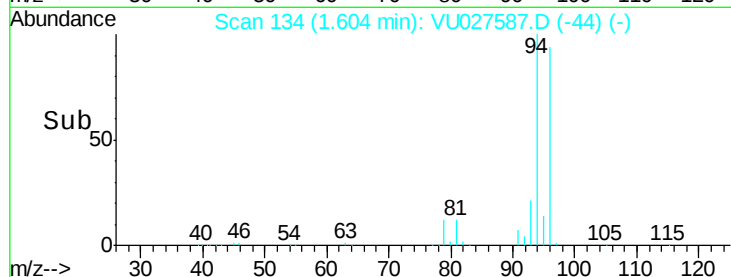
100000

50000

0

1.55 1.60 1.65

Time-->



#6

Chloroethane

Concen: 127.21 ug/l

RT: 1.67 min Scan# 155

Delta R.T. -0.02 min

Lab File: VU027587.D

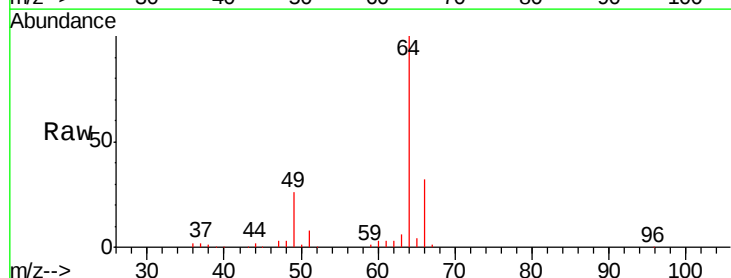
Acq: 11 Oct 2018 10:18

Tgt Ion: 64 Resp: 172603

Ion Ratio Lower Upper

64 100

66 32.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

150000

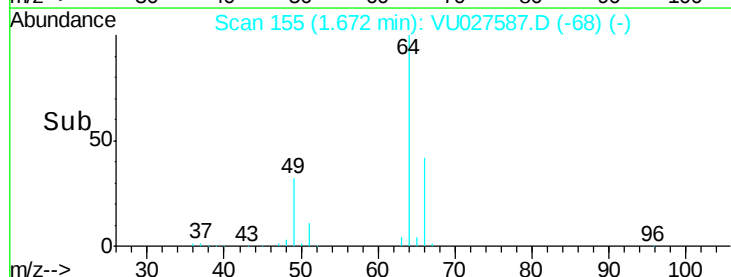
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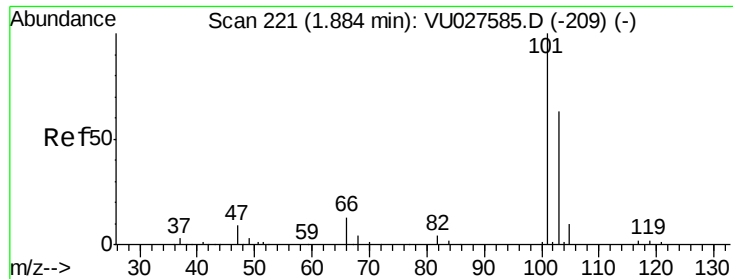
50000

0

1.60 1.65 1.70 1.75

Time-->





#7

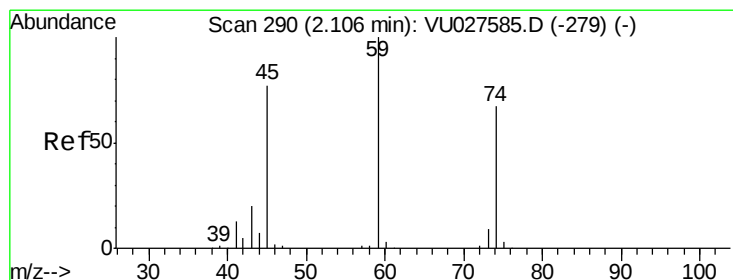
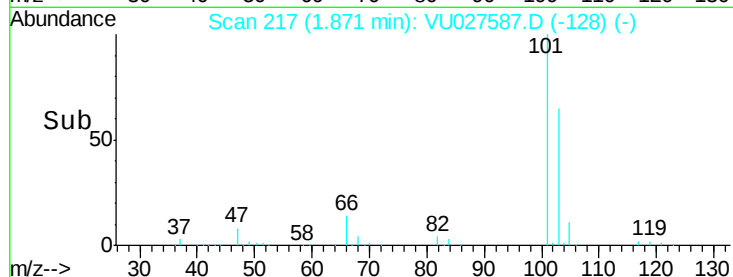
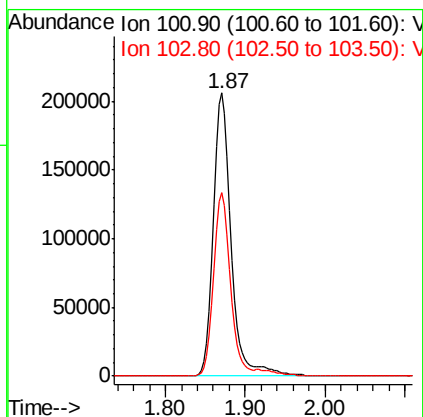
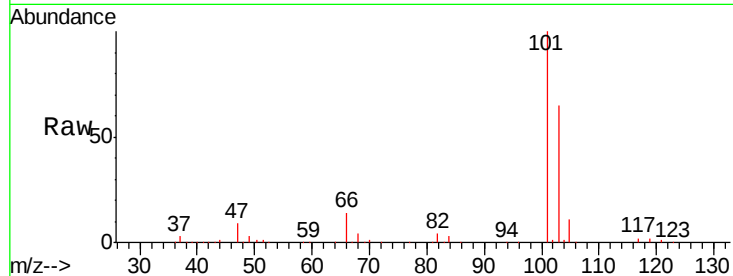
Trichlorofluoromethane
 Concen: 144.00 ug/l
 RT: 1.87 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: VU027587.D
 Acq: 11 Oct 2018 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 101 Resp: 320885
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.6 78.8

Manual Integrations
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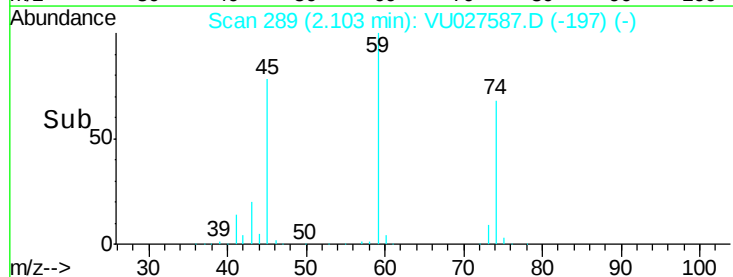
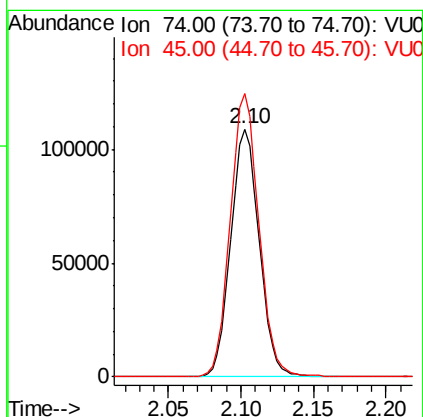
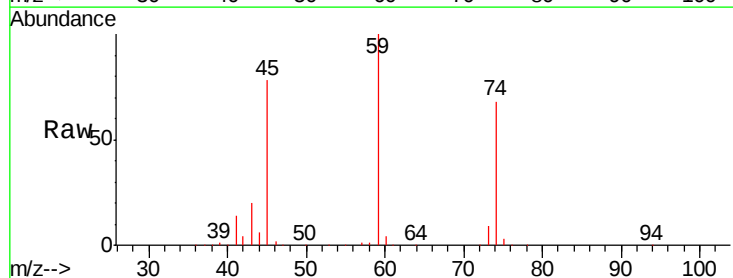
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 10/16/2018 2:22:54 PM

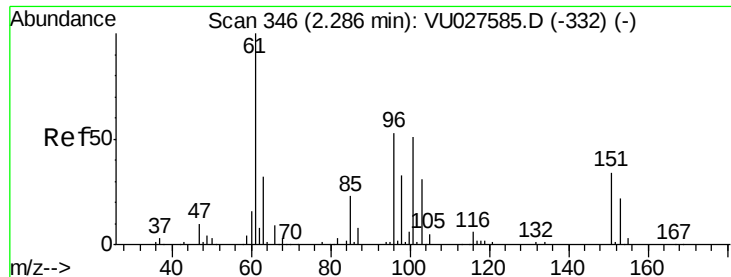


#8

Diethyl Ether
 Concen: 148.80 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027587.D
 Acq: 11 Oct 2018 10:18

Tgt Ion: 74 Resp: 148773
 Ion Ratio Lower Upper
 74 100
 45 114.8 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.63 ug/l

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

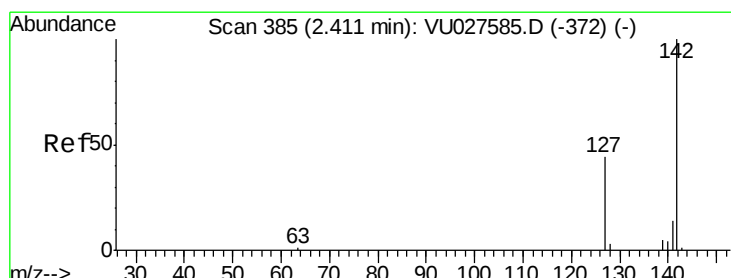
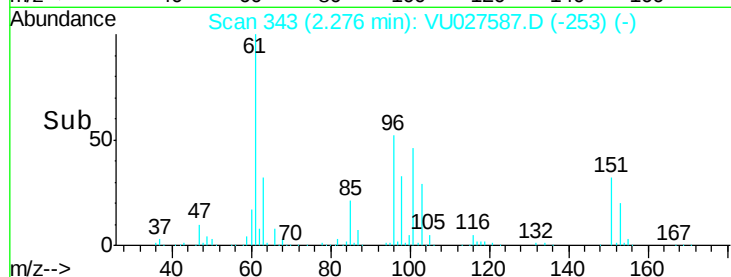
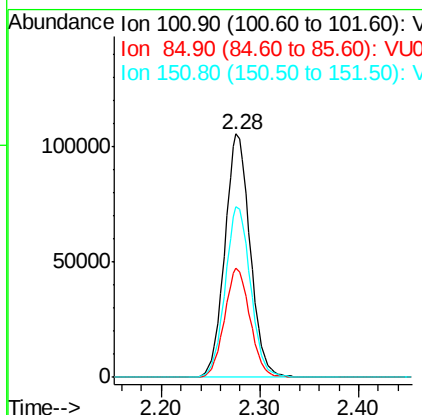
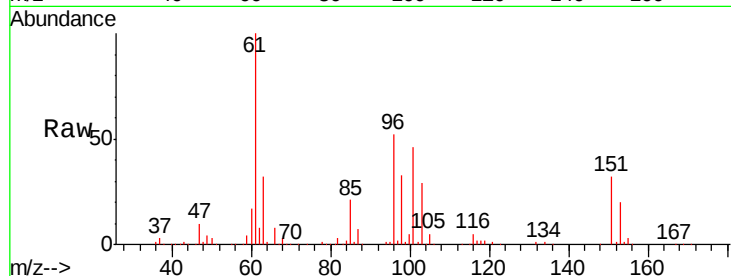
ClientSampleId :

VSTDIC150

Tgt	Ion:101	Resp:	189394
Ion	Ratio	Lower	Upper
101	100		
85	45.2	37.5	56.3
151	70.3	55.6	83.4

Manual Integrations
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#10

Methyl Iodide

Concen: 182.05 ug/l

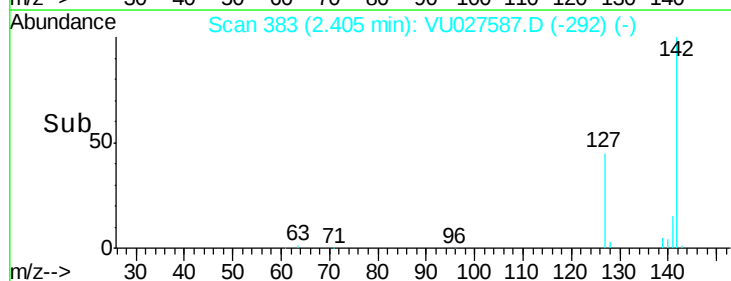
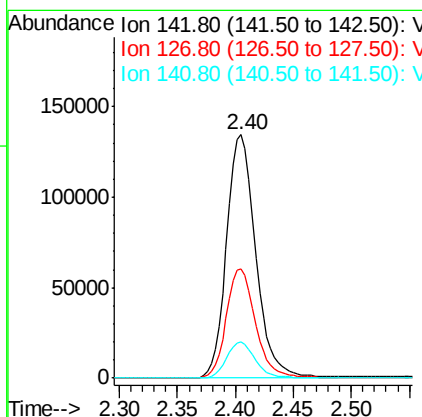
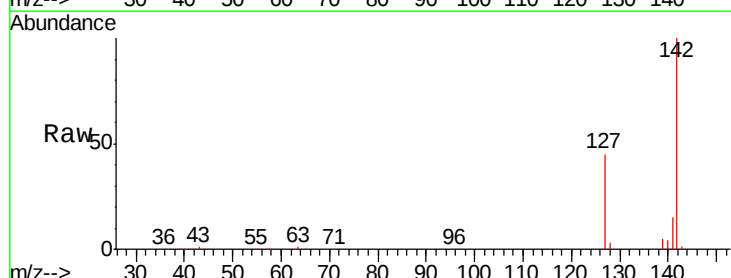
RT: 2.40 min Scan# 383

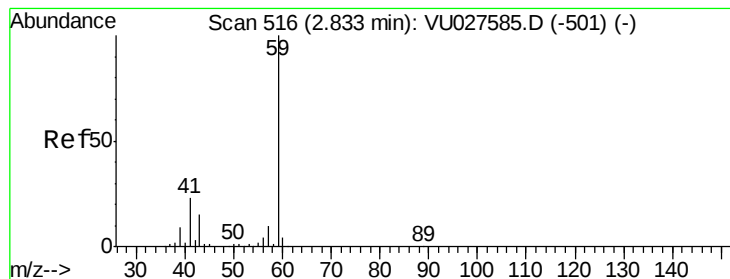
Delta R.T. -0.01 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Tgt	Ion:142	Resp:	235502
Ion	Ratio	Lower	Upper
142	100		
127	44.8	36.3	54.5
141	14.6	11.6	17.4





#11

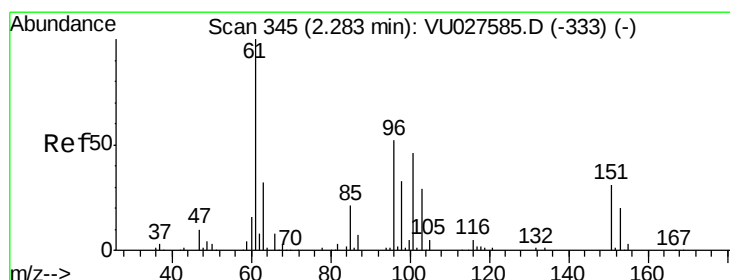
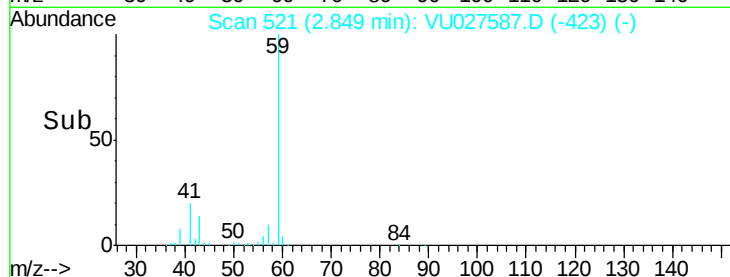
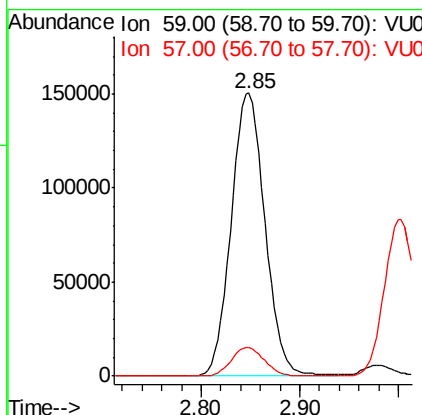
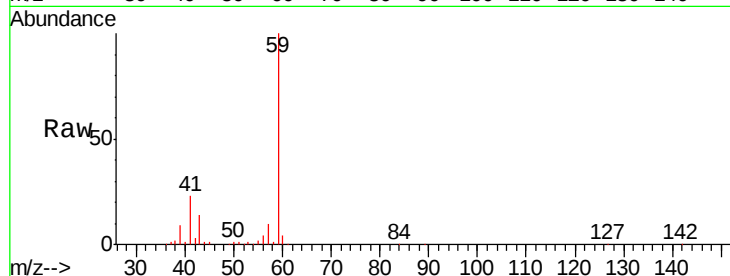
Tert butyl alcohol
Concen: 773.43 ug/l
RT: 2.85 min Scan# 521
Delta R.T. 0.02 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

Manual Integrations
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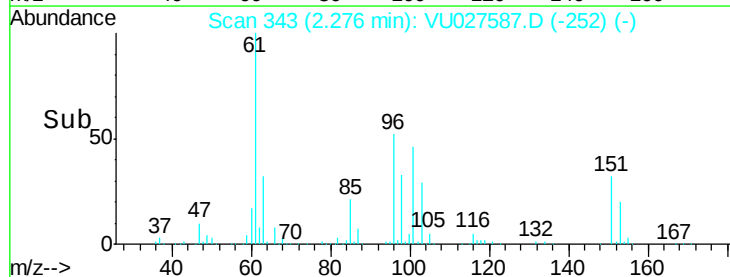
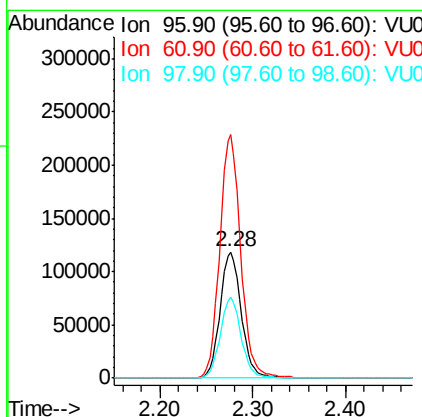
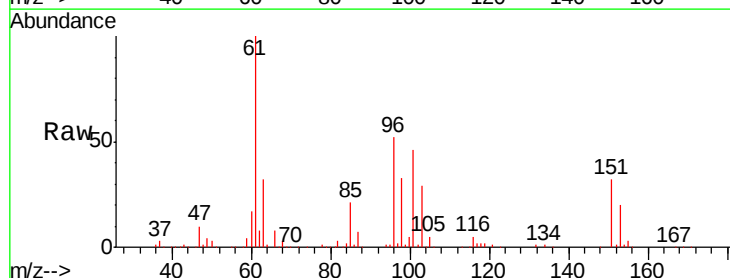
MMDadoda
10/16/2018 2:22:54 PM

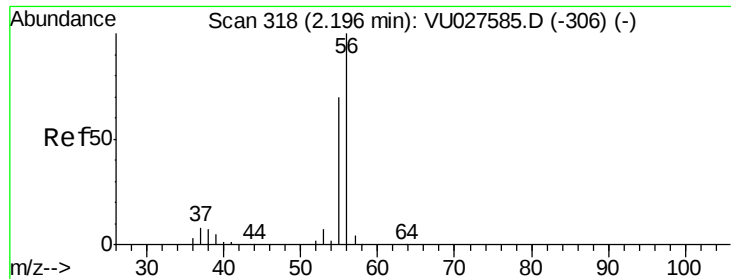


#12

1,1-Dichloroethene
Concen: 147.43 ug/l
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.4	153.0	229.6
98	63.9	49.3	73.9





#13

Acrolein

Concen: 758.73 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 280287

Ion Ratio Lower Upper

56 100

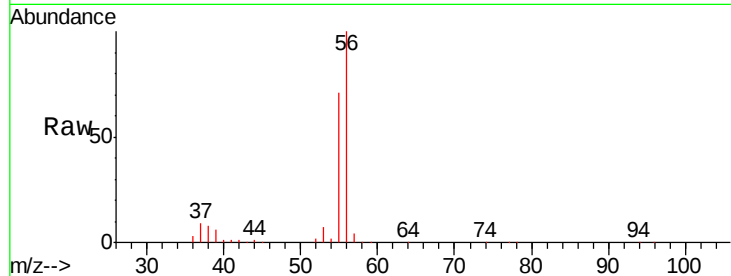
55 70.4 57.7 86.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

200000

150000

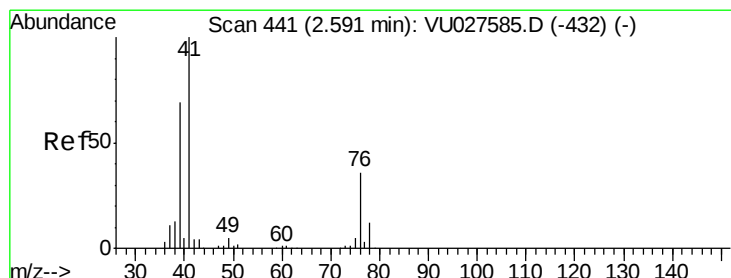
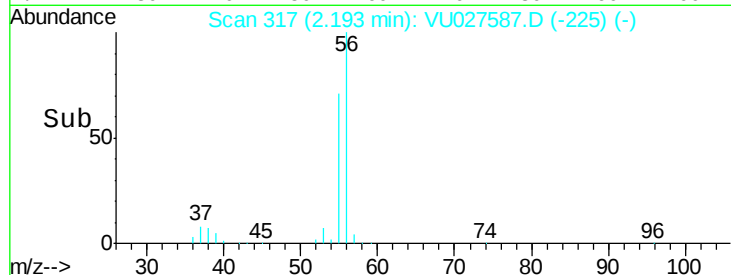
100000

50000

0

2.10 2.20 2.30

Time-->



#14

Allyl chloride

Concen: 157.44 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

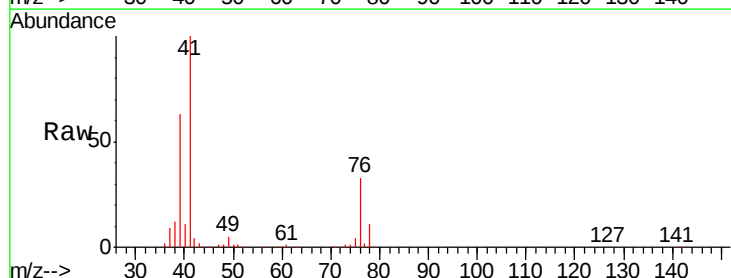
Tgt Ion: 41 Resp: 480890

Ion Ratio Lower Upper

41 100

39 56.3 51.8 77.8

76 27.9 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0

500000

400000

300000

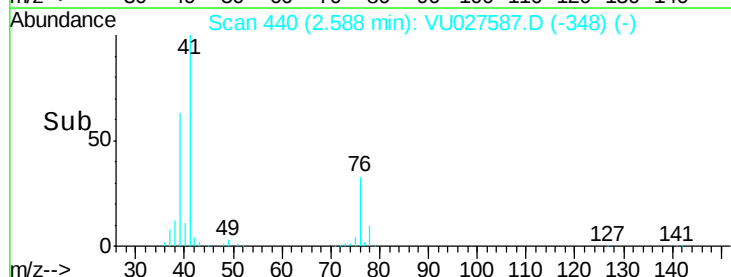
200000

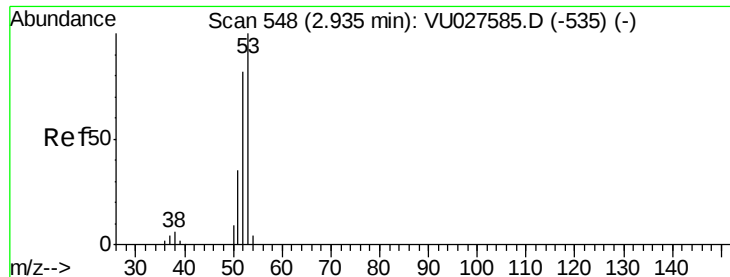
100000

0

2.50 2.60 2.70

Time-->





#15

Acrylonitrile

Concen: 774.72 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

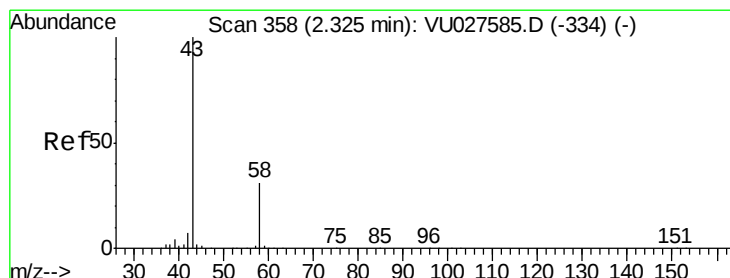
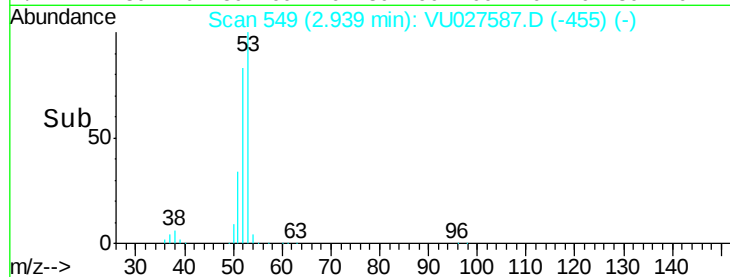
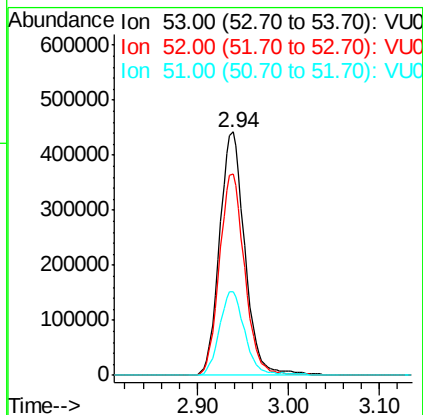
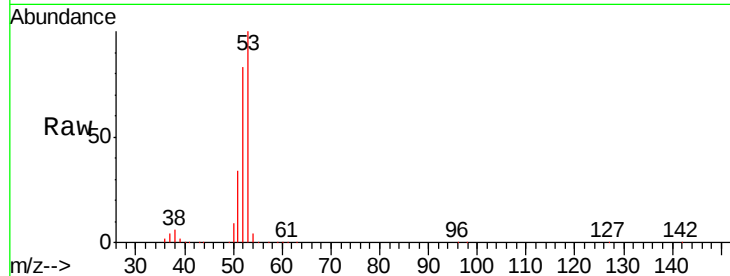
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	854881
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.5	99.7
51	35.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 632.48 ug/l

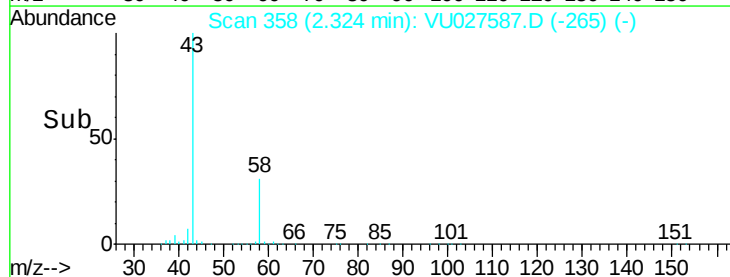
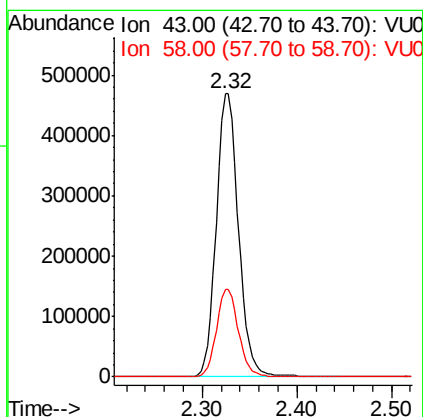
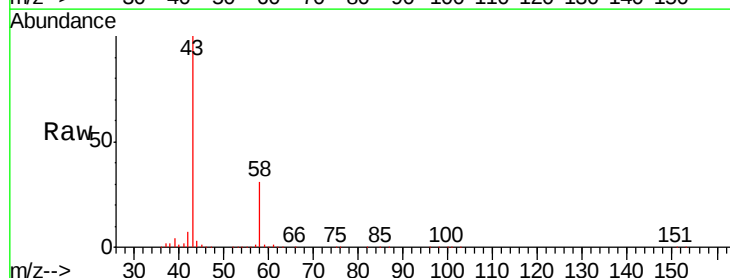
RT: 2.32 min Scan# 358

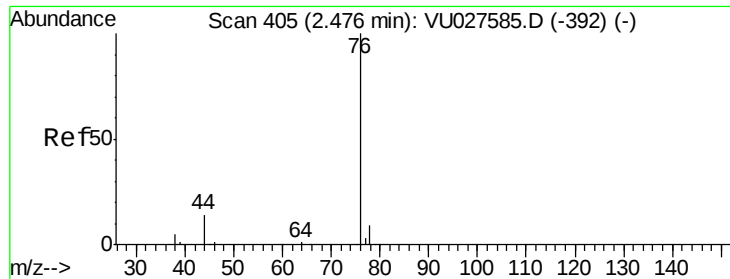
Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Tgt Ion:	43	Resp:	758156
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.2	36.4





#17

Carbon Disulfide

Concen: 151.43 ug/l

RT: 2.47 min Scan# 403

Delta R.T. -0.01 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 657975

Ion Ratio Lower Upper

76 100

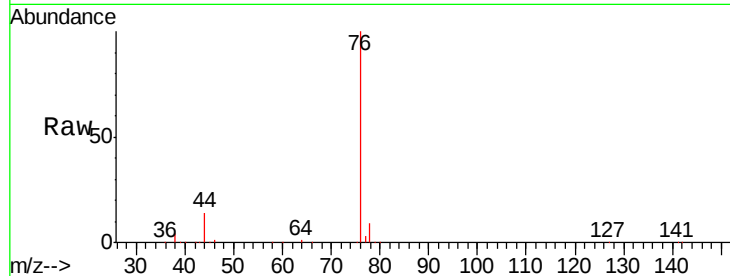
78 9.0 7.3 10.9

Manual Integrations

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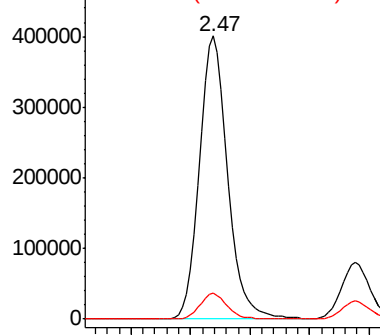
MMDadoda

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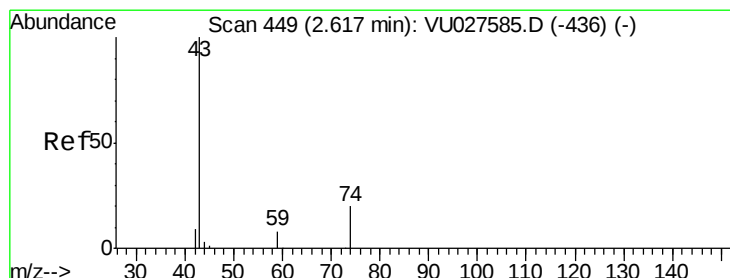
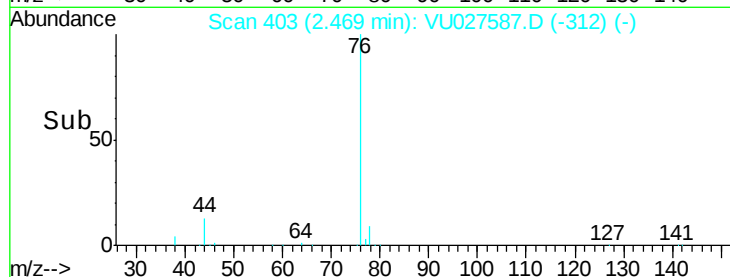


Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



Time-->



#18

Methyl Acetate

Concen: 143.57 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027587.D

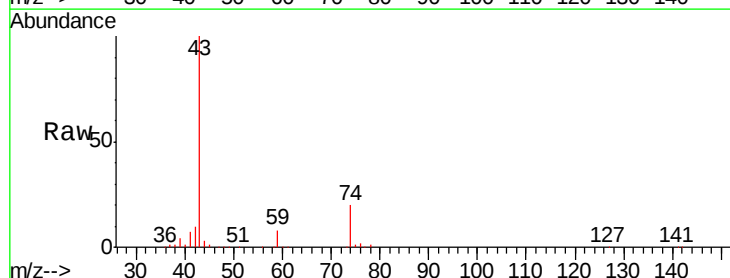
Acq: 11 Oct 2018 10:18

Tgt Ion: 43 Resp: 422134

Ion Ratio Lower Upper

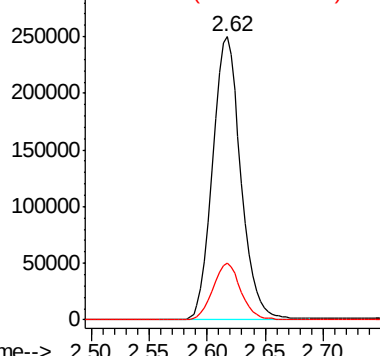
43 100

74 20.0 16.5 24.7

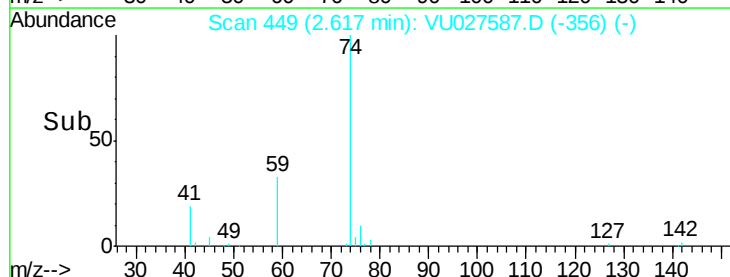


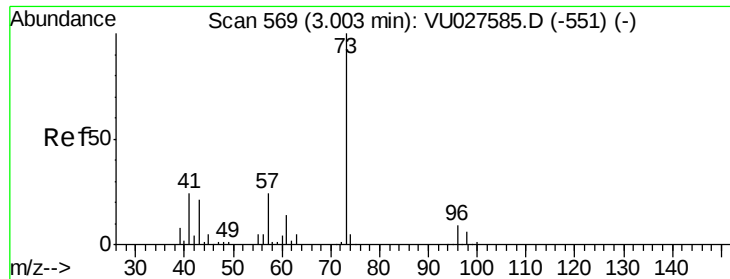
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



Time-->





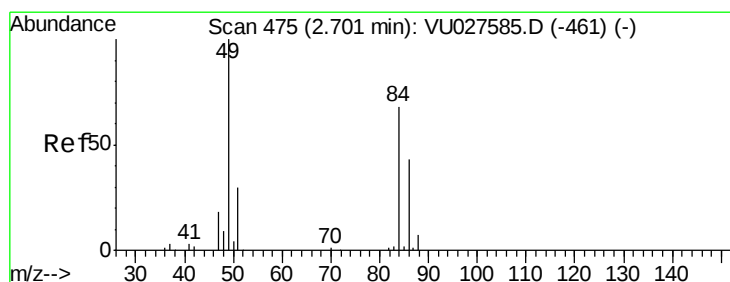
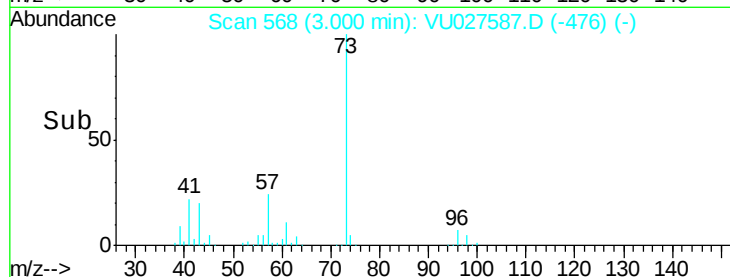
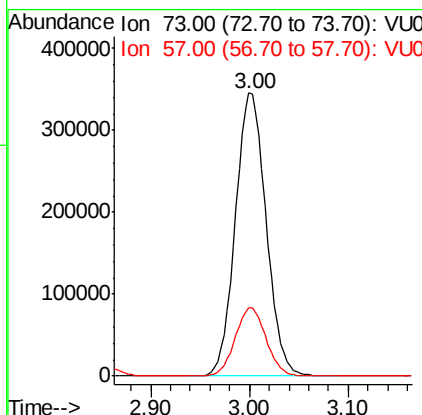
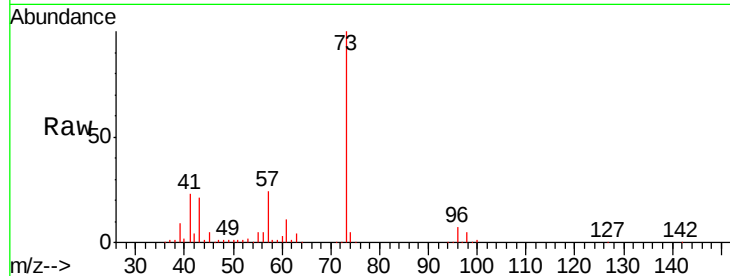
#19
Methyl tert-butyl Ether
Concen: 153.75 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 748066
Ion Ratio Lower Upper
73 100
57 24.1 20.0 30.0

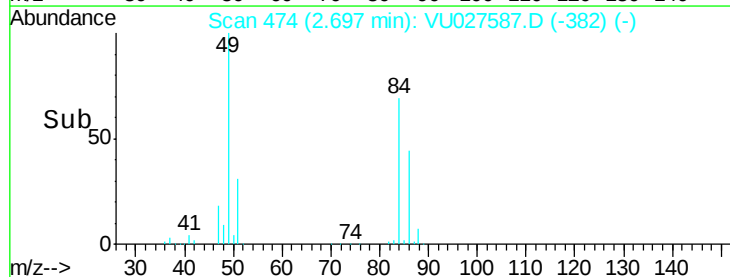
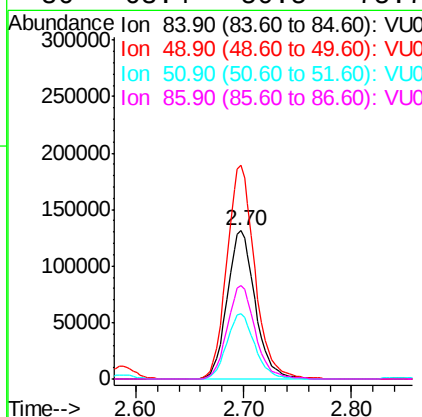
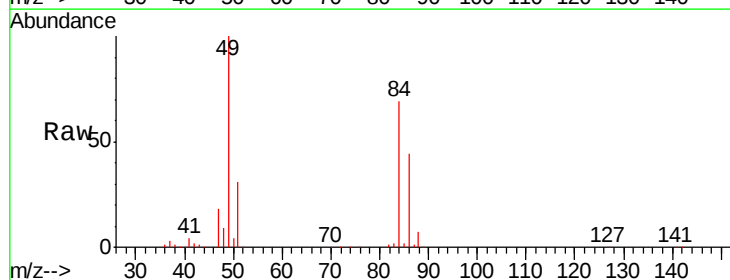
Manual Integrations
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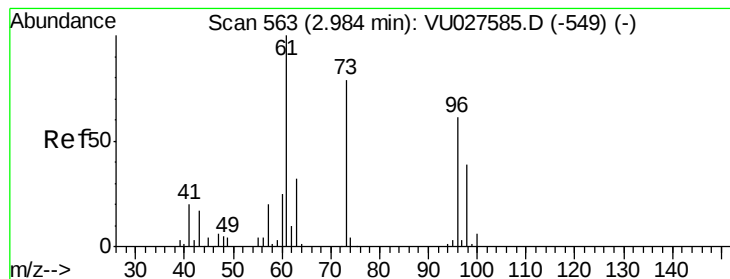
MMDadoda
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#20
Methylene Chloride
Concen: 142.23 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Tgt Ion: 84 Resp: 237066
Ion Ratio Lower Upper
84 100
49 144.2 120.5 180.7
51 44.3 35.1 52.7
86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 148.69 ug/l

RT: 2.98 min Scan# 561

Delta R.T. -0.01 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 208952

Ion Ratio Lower Upper

96 100

61 161.7 129.4 194.2

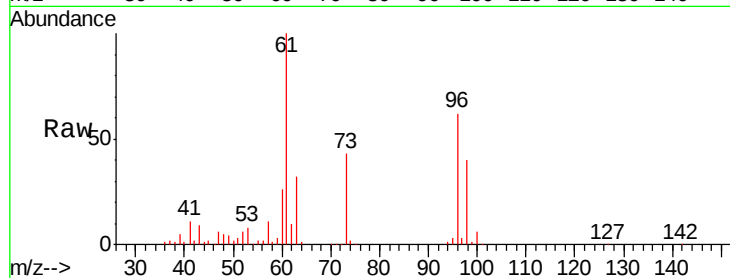
98 64.0 51.2 76.8

Manual Integrations

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MMDadoda

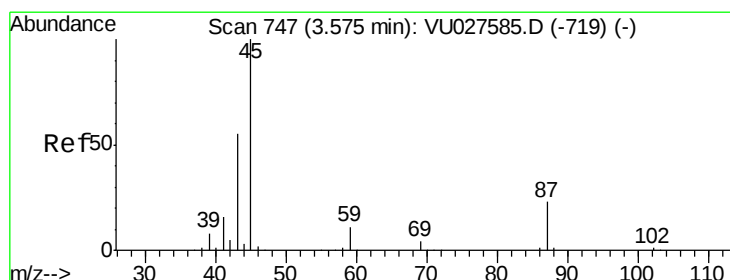
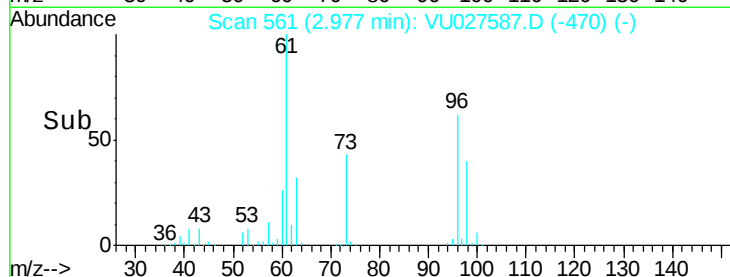
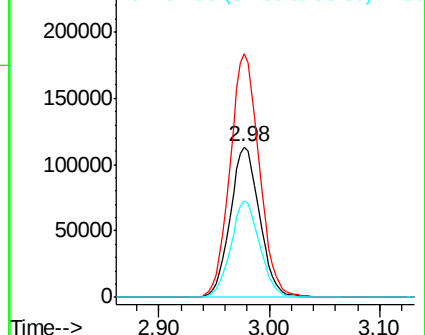
10/16/2018 2:22:54 PM



Abundance Ion 95.90 (95.60 to 96.60): VU027587.D (-470) (-)

Ion 60.90 (60.60 to 61.60): VU027587.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027587.D (-470) (-)



#22

Diisopropyl ether

Concen: 150.24 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Tgt Ion: 45 Resp: 886026

Ion Ratio Lower Upper

45 100

43 52.6 43.4 65.2

87 22.2 17.5 26.3

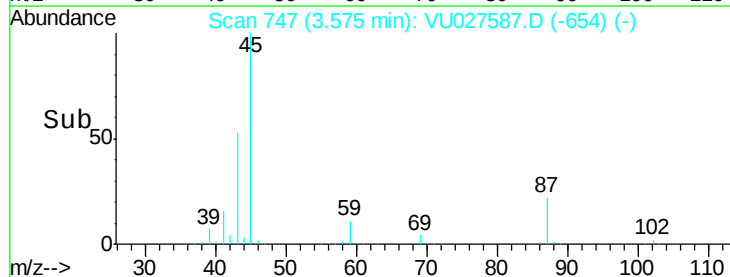
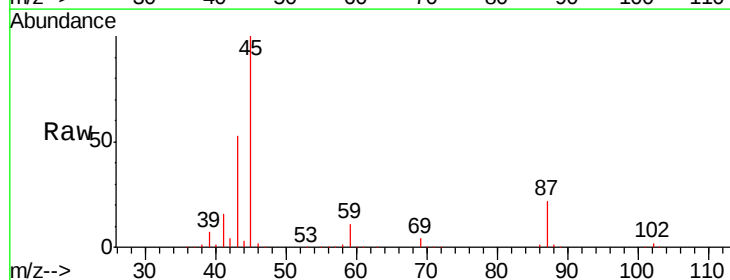
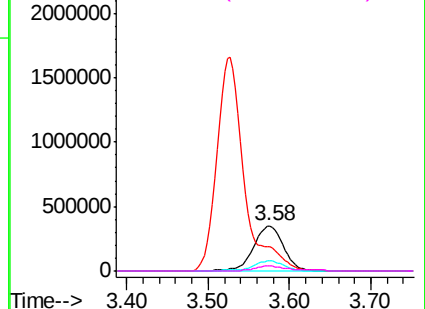
59 10.7 8.6 13.0

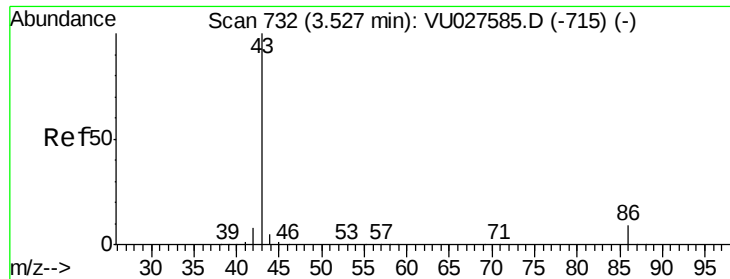
Abundance Ion 45.00 (44.70 to 45.70): VU027587.D (-654) (-)

Ion 43.00 (42.70 to 43.70): VU027587.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027587.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027587.D (-654) (-)





#23

Vinyl Acetate

Concen: 796.78 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 3934636

Ion Ratio Lower Upper

43 100

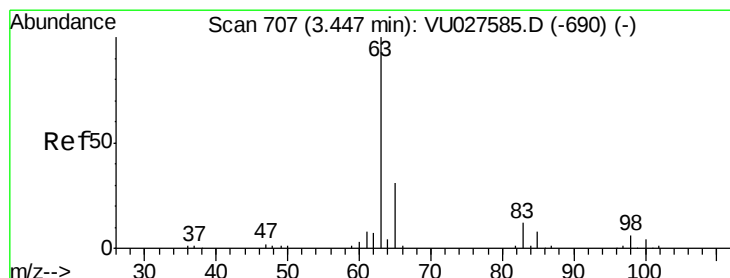
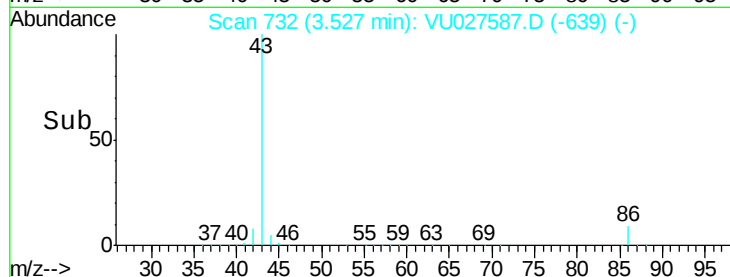
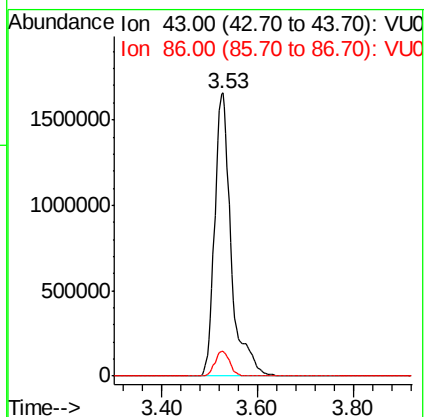
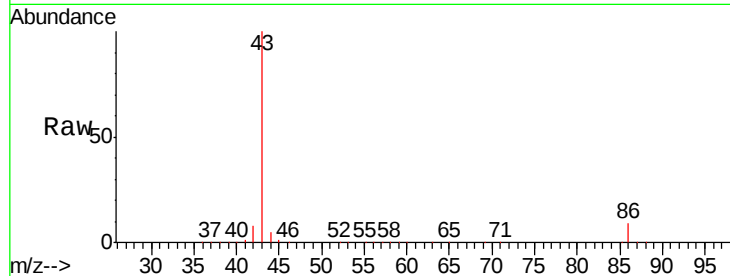
86 8.9 7.0 10.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 146.25 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

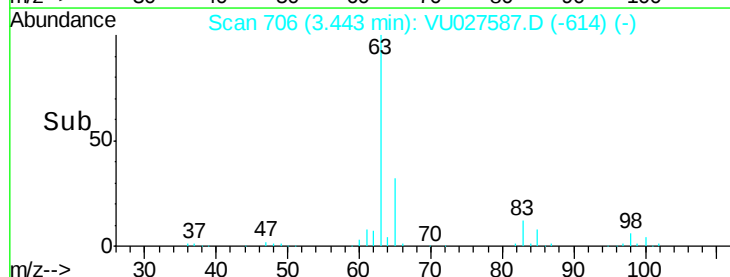
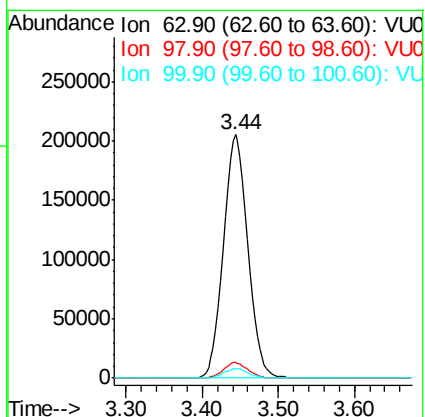
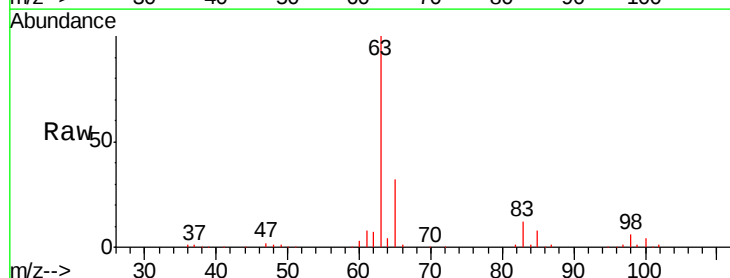
Tgt Ion: 63 Resp: 458680

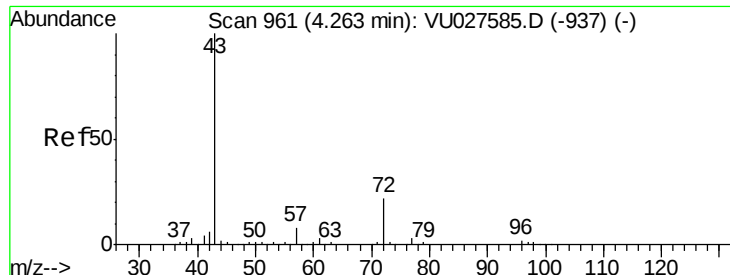
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 763.79 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027587.D

Acq: 11 Oct 2018 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1259657

Ion Ratio Lower Upper

43 100

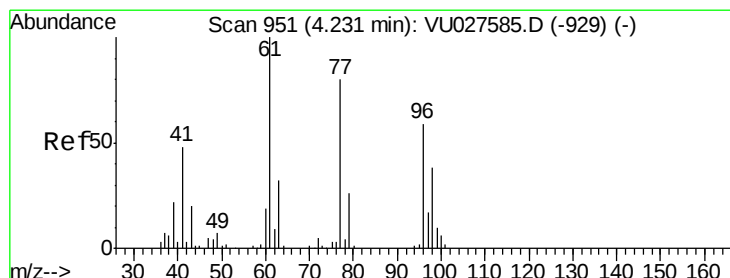
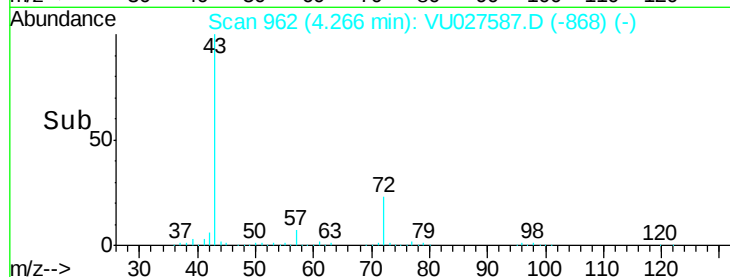
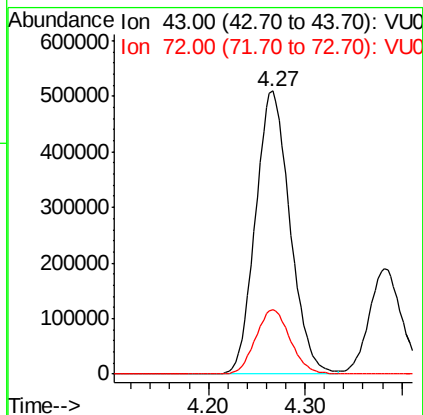
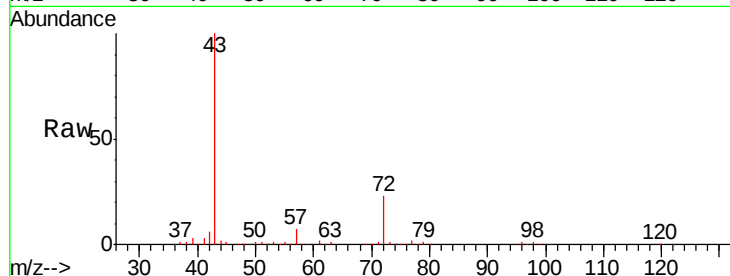
72 22.7 17.8 26.6

Manual Integrations

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MMDadoda

10/16/2018 2:22:54 PM



#26

2,2-Dichloropropane

Concen: 140.65 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU027587.D

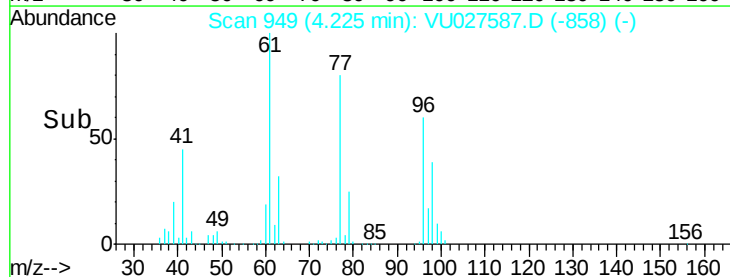
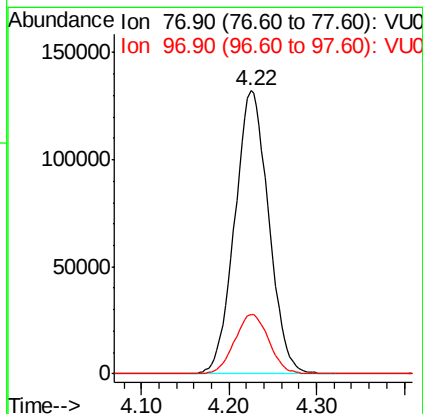
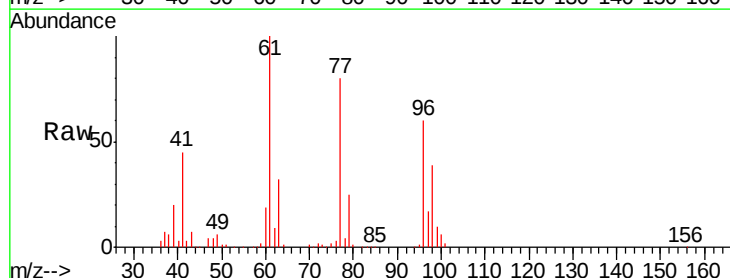
Acq: 11 Oct 2018 10:18

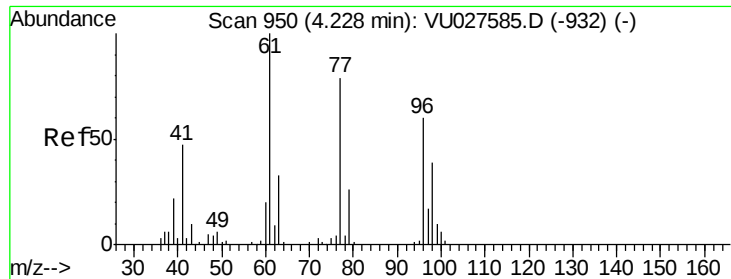
Tgt Ion: 77 Resp: 355764

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.1





#27

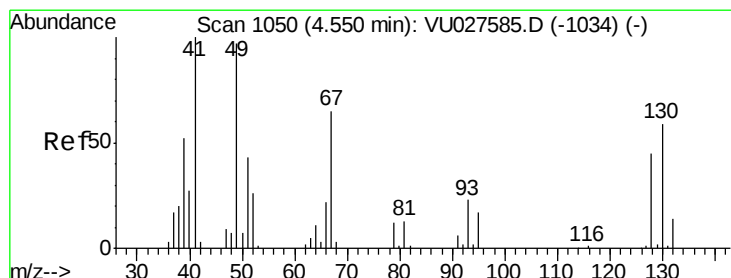
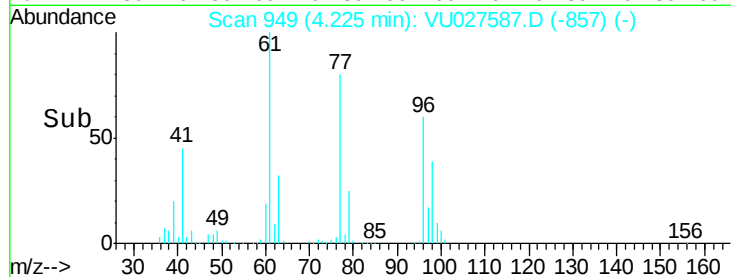
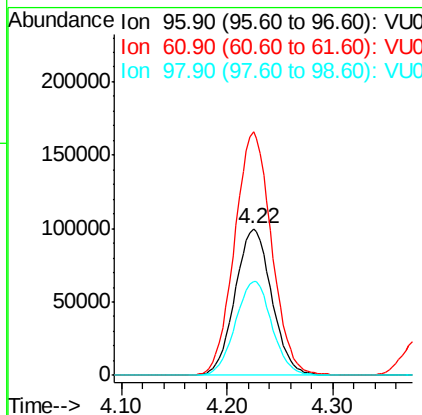
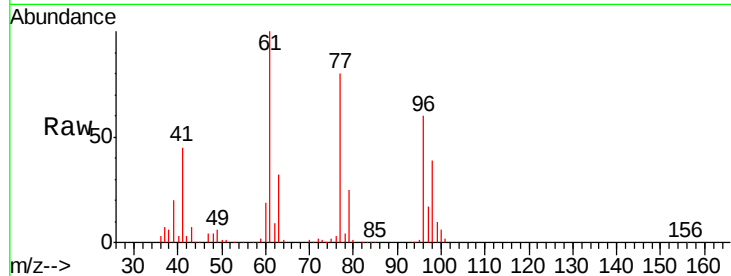
cis-1,2-Dichloroethene
Concen: 155.91 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	241015		
61	168.0	0.0	343.8	
98	64.2	0.0	129.0	

Manual Integrations
APPROVED

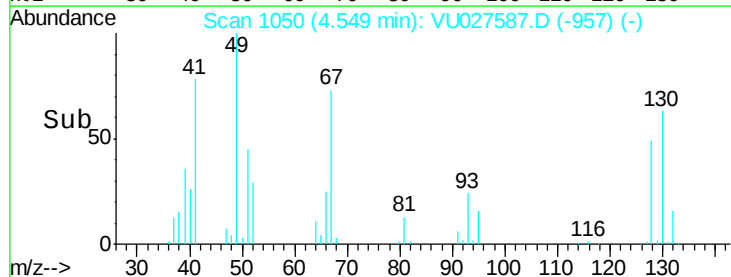
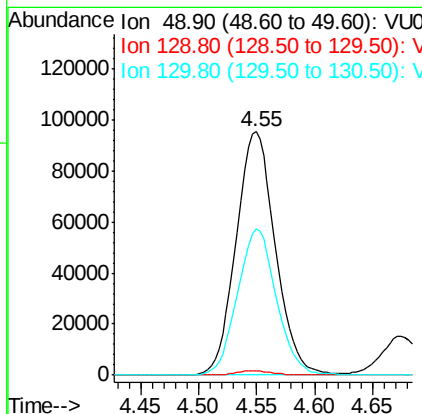
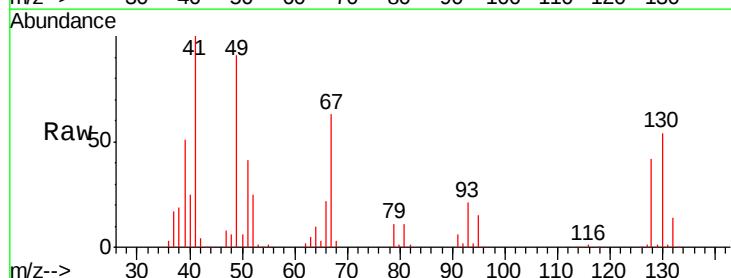
MMDadoda
10/16/2018 2:22:54 PM

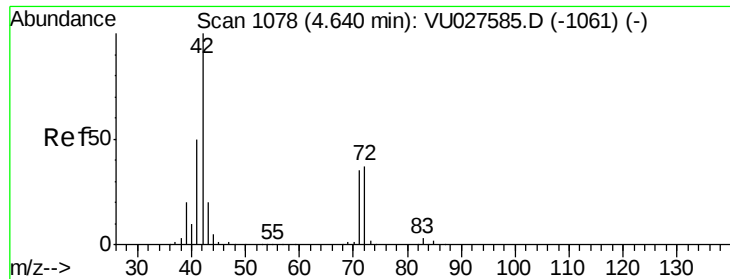


#28

Bromochloromethane
Concen: 145.01 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	224684		
129	1.6	0.0	3.0	
130	59.6	46.1	69.1	





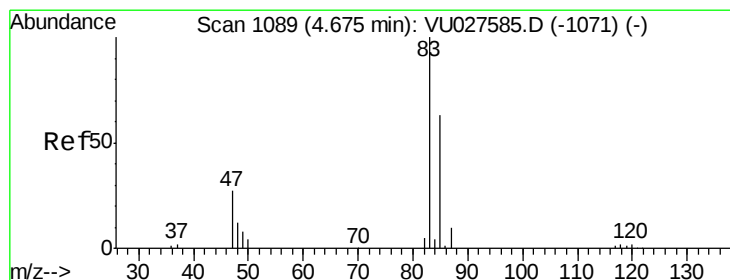
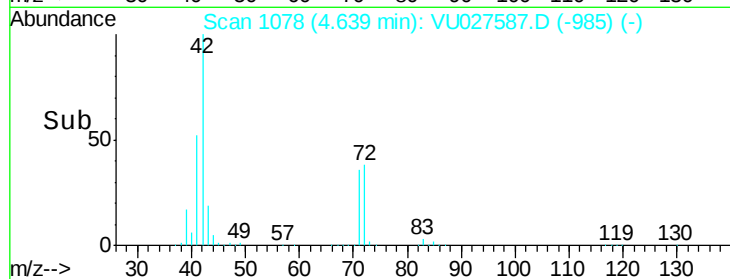
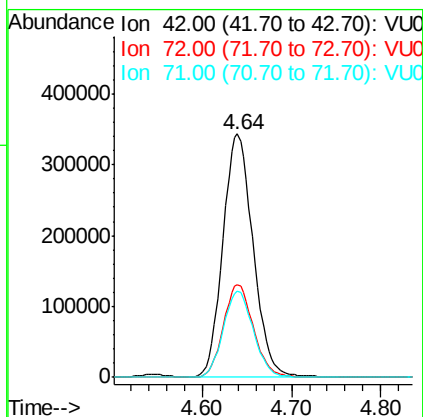
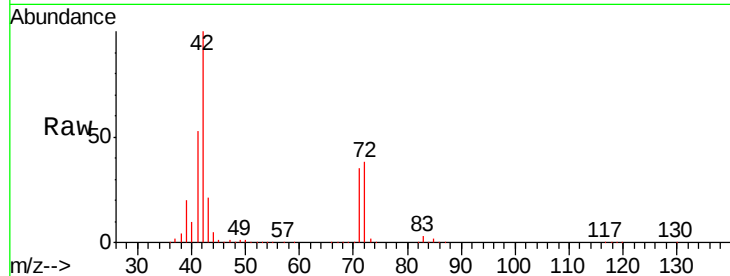
#29
Tetrahydrofuran
Concen: 780.31 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.1	45.1
71	35.5	27.7	41.5

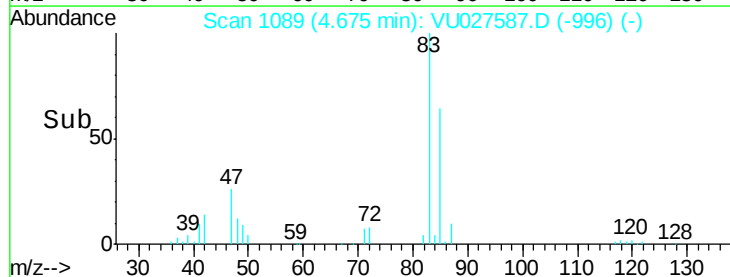
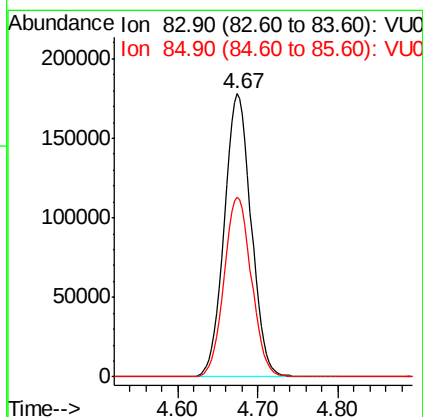
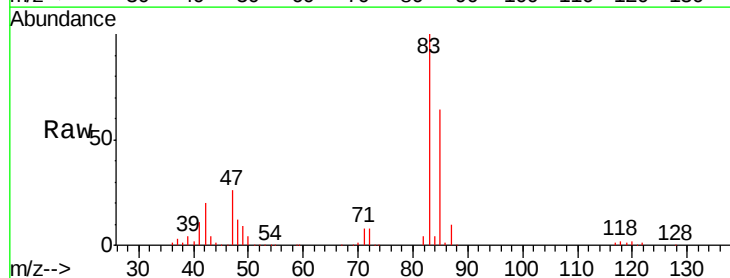
Manual Integrations
APPROVED

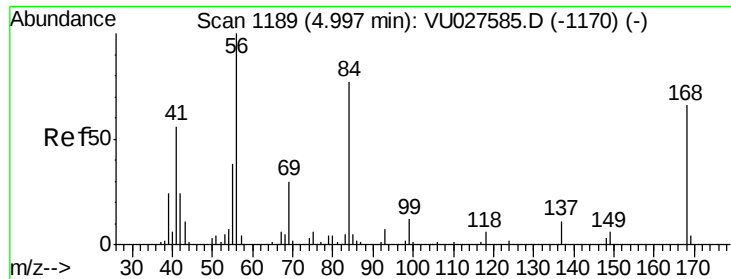
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#30
Chloroform
Concen: 146.91 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.6





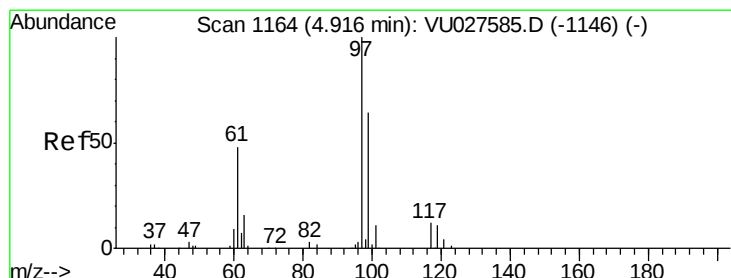
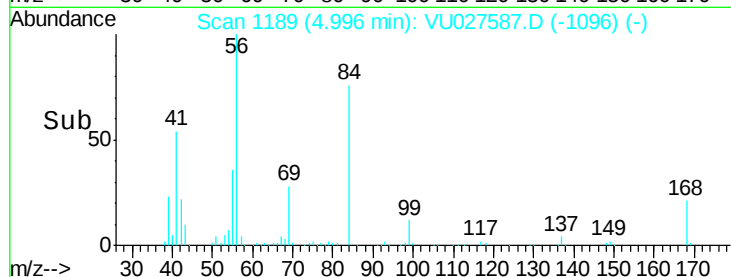
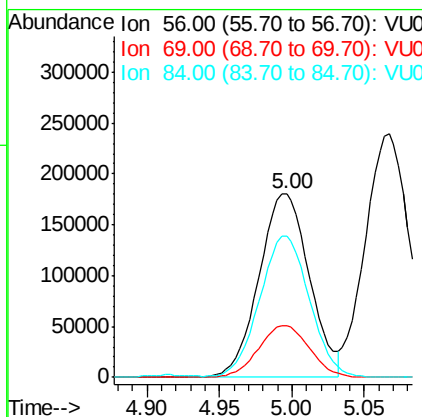
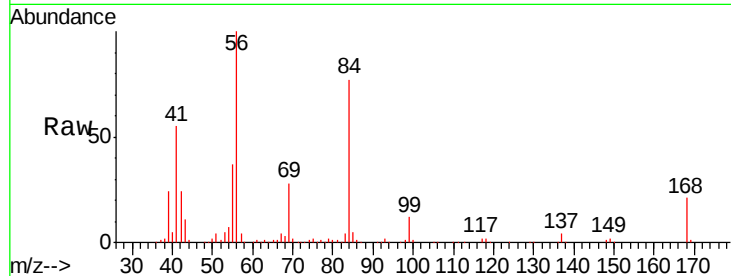
#31
Cyclohexane
Concen: 121.58 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.4	24.1	36.1
84	76.0	59.1	88.7

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:22:54 PM



#32
1,1,1-Trichloroethane
Concen: 148.37 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027587.D
Acq: 11 Oct 2018 10:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.1	76.7
61	48.3	39.6	59.4

