

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U0102318\
 Data File : VU027752.D
 Acq On : 22 Oct 2018 20:21
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU02318

Manual Integrations
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 10/24/2018 2:20:21 PM

Quant Time: Oct 23 09:17:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.75	96	13330	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5031	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4754	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	32825	6.202	ug/l	99
3) Chloromethane	1.33	50	46467	8.212	ug/l	97
4) Vinyl Chloride	1.40	62	45989	8.705	ug/l	97
5) Bromomethane	1.63	94	25539	9.190	ug/l	98
6) Chloroethane	1.70	64	26748	9.337	ug/l	99
7) Trichlorofluoromethane	1.89	101	59982	9.316	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30892	9.123	ug/l	99
9) 1,1-Dichloroethene	2.29	96	30721	10.333	ug/l	96
10) Iodomethane	2.41	142	44413	11.116	ug/l	100
11) Allyl Chloride	2.59	41	71525	10.162	ug/l	97
12) Acrylonitrile	2.95	53	42571	46.978	ug/l	99
13) Acetone	2.34	43	38394	46.425	ug/l	99
14) Carbon Disulfide	2.48	76	107173	9.684	ug/l	98
15) Methylene Chloride	2.70	84	34205	9.129	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	33861	10.231	ug/l	99
17) 1,1-Dichloroethane	3.44	63	72352	9.906	ug/l	99
18) 2-Butanone	4.29	43	66221	48.228	ug/l	98
19) Cyclohexane	5.00	56	63026	9.626	ug/l	99
20) Methylcyclohexane	6.41	83	65927	9.931	ug/l	99
21) 2,2-Dichloropropane	4.23	77	61437	9.528	ug/l	100
22) cis-1,2-Dichloroethene	4.23	96	38247	9.653	ug/l	99
23) Diethyl Ether	2.11	59	27075	9.577	ug/l	100
24) tert-Butyl Alcohol	2.88	59	14372m	47.657	ug/l	
25) Methyl tert-Butyl Ether	3.01	73	93979	9.927	ug/l	99
26) Bromochloromethane	4.55	128	15101	9.501	ug/l	96
27) Chloroform	4.68	83	72251	10.160	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	64341	10.164	ug/l	99
29) 1,1-Dichloropropene	5.13	75	55635	10.064	ug/l	98
30) Carbon Tetrachloride	5.13	117	57363	10.142	ug/l	96
31) Isopropyl Ether	3.58	45	141916	10.788	ug/l #	1
34) Propionitrile	4.35	54	36018	110.017	ug/l	99
35) Benzene	5.39	78	157641	10.204	ug/l	99
36) 1,2-Dichloroethane	5.41	62	51280	9.974	ug/l	100
37) Trichloroethene	6.19	130	37927	9.951	ug/l	100
38) 1,2-Dichloropropane	6.44	63	43319	9.985	ug/l	99
39) Methacrylonitrile	4.56	41	18212	10.073	ug/l	98
40) Methyl acrylate	4.44	55	25467	10.814	ug/l #	93
41) Tetrahydrofuran	4.66	42	44330	44.373	ug/l	97
42) 1-Chlorobutane	5.07	56	87372	10.017	ug/l	97
43) Dibromomethane	6.56	93	20746	10.518	ug/l	100
44) Bromodichloromethane	6.76	83	54844	10.242	ug/l	99

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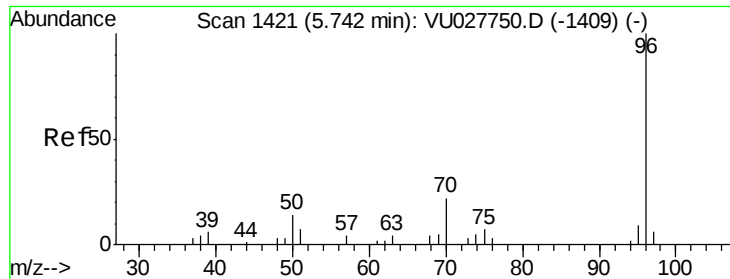
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Quant Time: Oct 23 09:17:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.47	43	163858	51.179	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	25965m	22.495	ug/l	
47) Methyl methacrylate	6.63	69	22268	10.706	ug/l	97
48) Ethyl methacrylate	8.02	69	44529	10.300	ug/l	97
49) Toluene	7.64	92	97576	10.645	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	57206	10.721	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	65643	10.443	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	28581	10.727	ug/l	96
53) 1,3-Dichloropropane	8.24	76	52493	10.257	ug/l	99
54) 2-Hexanone	8.37	43	119196	52.244	ug/l	99
55) Dibromochloromethane	8.48	129	34417	10.277	ug/l	100
56) 1,2-Dibromoethane	8.59	107	27350	10.457	ug/l	100
58) Tetrachloroethene	8.23	164	36413	10.129	ug/l	98
59) Chlorobenzene	9.12	112	102338	10.417	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	37272	10.436	ug/l	98
61) Pentachloroethane	11.10	117	29729	11.160	ug/l	98
62) Hexachloroethane	12.15	117	32401	11.073	ug/l	98
63) Ethyl Benzene	9.25	91	196442	10.557	ug/l	99
64) m/p-Xylenes	9.38	106	141231	21.270	ug/l	100
65) o-Xylene	9.78	106	68484	10.402	ug/l	99
66) Styrene	9.79	104	113298	10.429	ug/l	100
67) Bromoform	9.96	173	21229	10.952	ug/l	98
69) Isopropylbenzene	10.17	105	189747	10.528	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	36383	10.274	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	18219m	6.621	ug/l	
72) Bromobenzene	10.45	156	43638	10.866	ug/l	99
73) n-propylbenzene	10.59	120	49477	10.644	ug/l	94
74) 2-Chlorotoluene	10.66	126	42053	10.564	ug/l	94
75) 1,3,5-Trimethylbenzene	10.77	105	161701	10.752	ug/l	99
76) 4-Chlorotoluene	10.77	126	43703	10.834	ug/l	99
77) tert-Butylbenzene	11.10	119	153553	10.380	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	166559	10.780	ug/l	99
79) sec-Butylbenzene	11.32	105	198690	10.143	ug/l	100
80) Nitrobenzene	12.86	77	1542	11.782	ug/l #	89
81) p-Isopropyltoluene	11.48	119	173611	10.843	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	84087	10.582	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	85437	10.731	ug/l	98
84) n-Butylbenzene	11.89	91	174215	11.201	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	79274	10.455	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	7231	10.994	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	62400	11.326	ug/l	99
88) Hexachlorobutadiene	13.69	225	35383	10.707	ug/l	99
89) Naphthalene	13.74	128	118102	11.414	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	57899	11.044	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

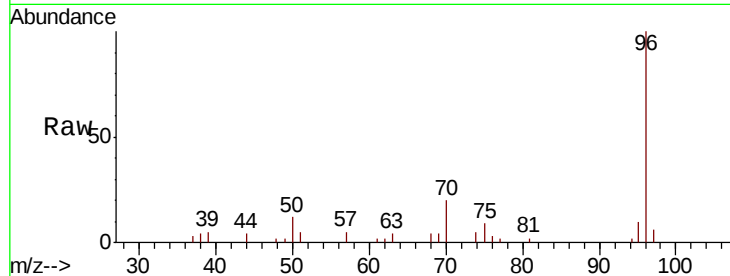
ClientSampleId :

ICVVU102318

Tot Ion:	96	Resp:	13330
Ion	Ratio	Lower	Upper
96	100		
70	22.3	17.7	26.5
95	9.4	7.0	10.6
97	0.0	0.0	0.0

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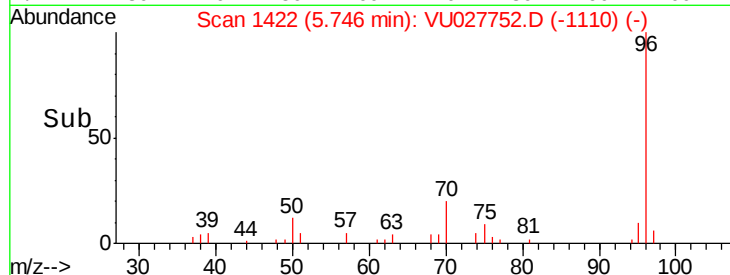
Abundance Ion 96.00 (95.70 to 96.70): VU027750.D (-1409) (-)

Ion 70.00 (69.70 to 70.70): VU027750.D (-1409) (-)

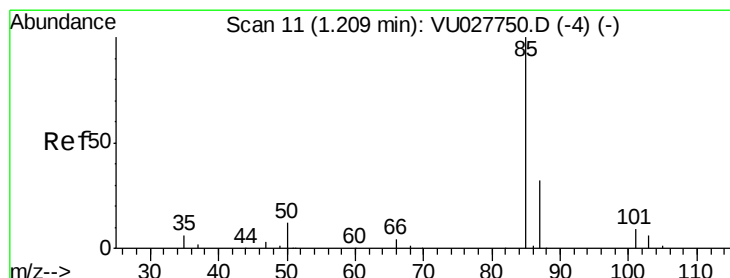
Ion 95.00 (94.70 to 95.70): VU027750.D (-1409) (-)

Ion 97.00 (96.70 to 97.70): VU027750.D (-1409) (-)

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 6.202 ug/l

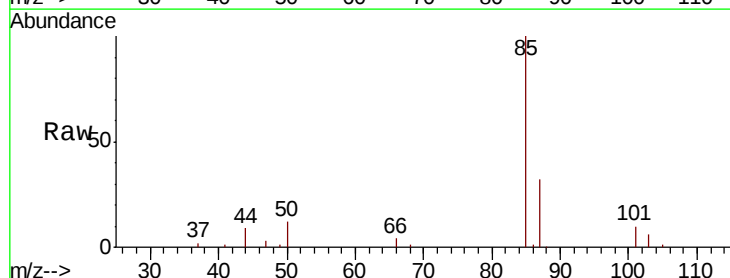
RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

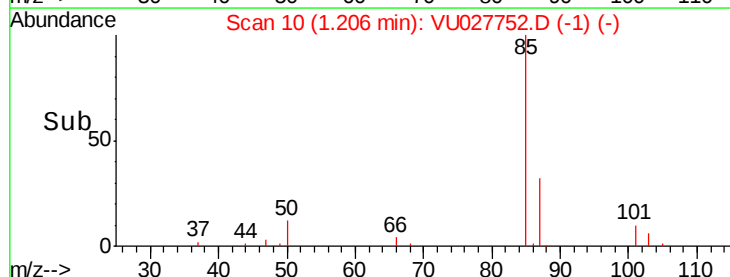
Tgt Ion:	85	Resp:	32825
Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.9	47.6



Abundance Ion 85.00 (84.70 to 85.70): VU027750.D (-4) (-)

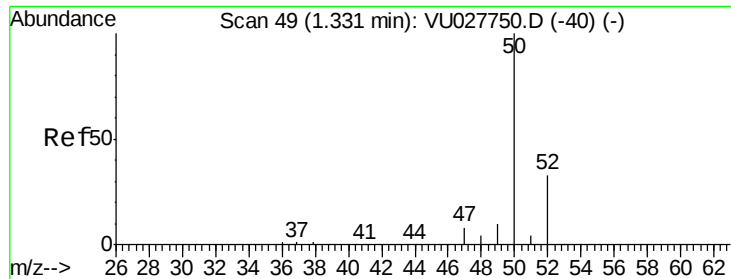
Ion 87.00 (86.70 to 87.70): VU027750.D (-4) (-)

Time-->



Time-->

Time-->



#3

Chloromethane

Concen: 8.212 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 50 Resp: 46467

Ion Ratio Lower Upper

50 100

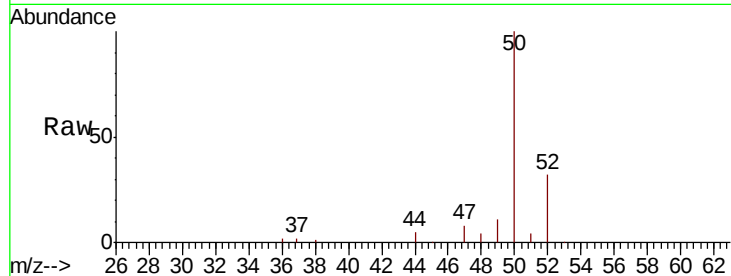
52 31.6 26.6 40.0

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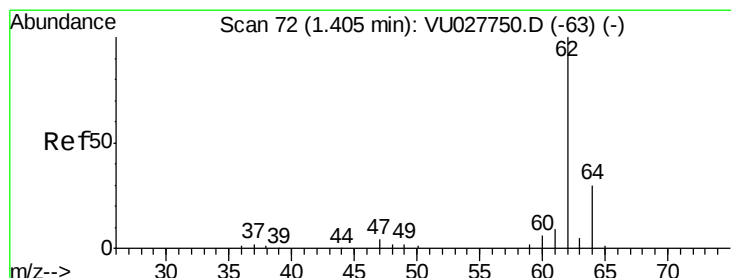
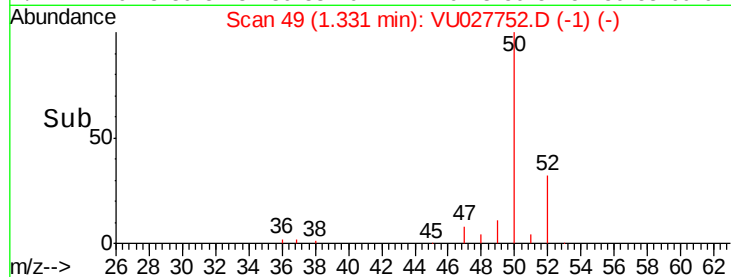
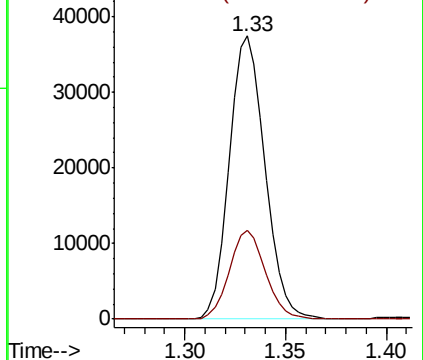
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 8.705 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027752.D

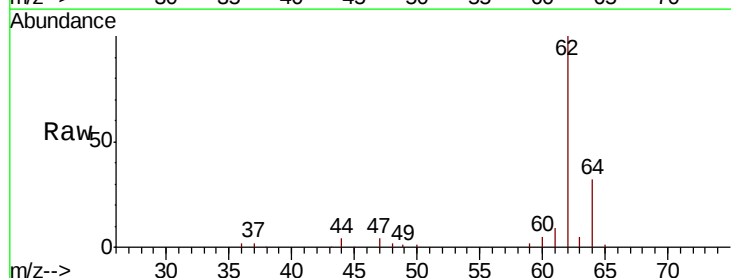
Acq: 22 Oct 2018 20:21

Tgt Ion: 62 Resp: 45989

Ion Ratio Lower Upper

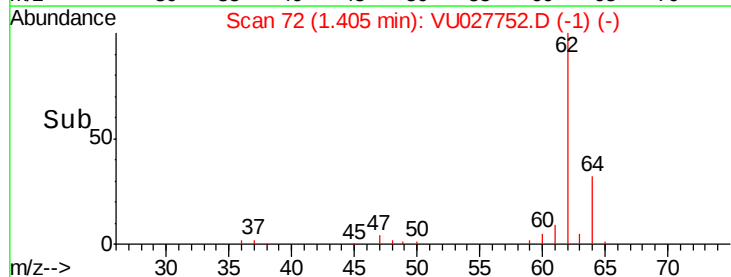
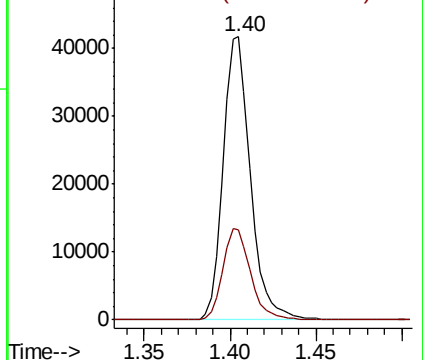
62 100

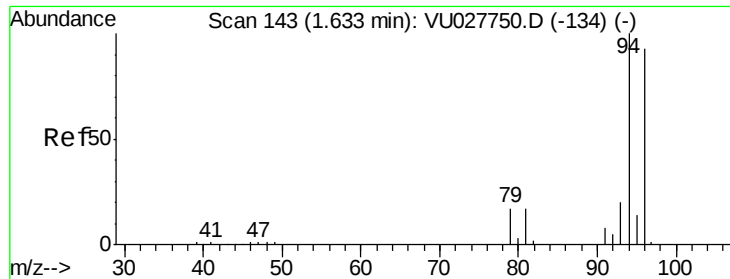
64 32.0 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.190 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 94 Resp: 25539

Ion Ratio Lower Upper

94 100

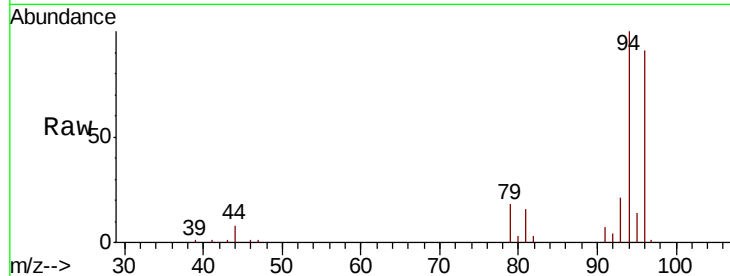
96 90.6 74.2 111.4

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Abundance Ion 94.00 (93.70 to 94.70): VU027750.D (-134) (-)

Ion 96.00 (95.70 to 96.70): VU027752.D (-1) (-)

25000

20000

15000

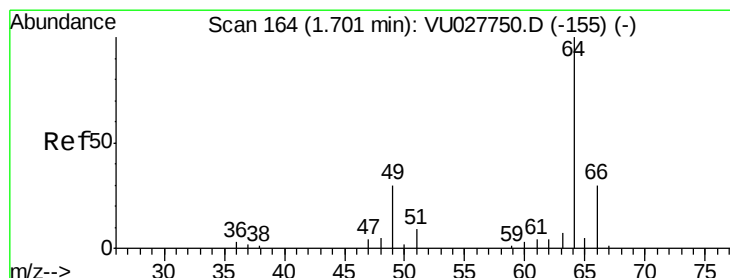
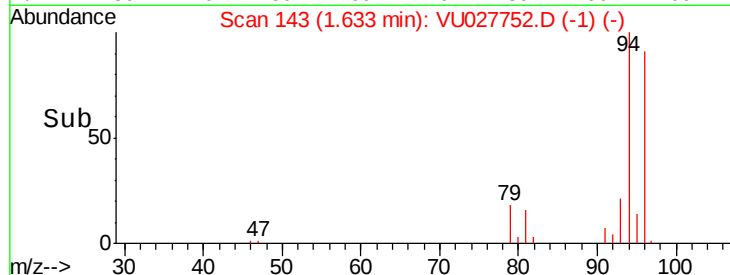
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 9.337 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027752.D

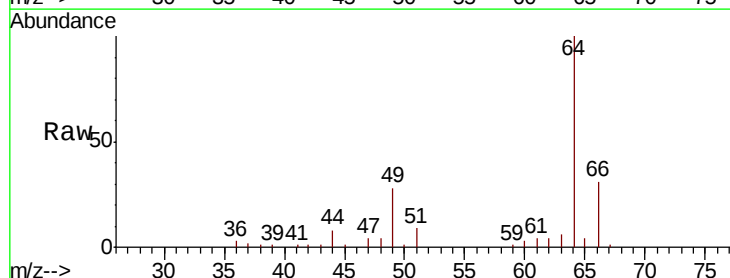
Acq: 22 Oct 2018 20:21

Tgt Ion: 64 Resp: 26748

Ion Ratio Lower Upper

64 100

66 30.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU027750.D (-155) (-)

Ion 66.00 (65.70 to 66.70): VU027752.D (-8) (-)

25000

20000

15000

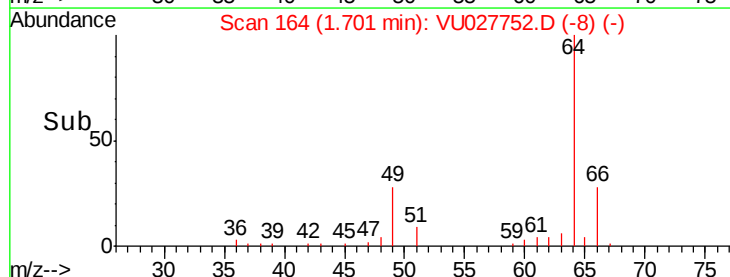
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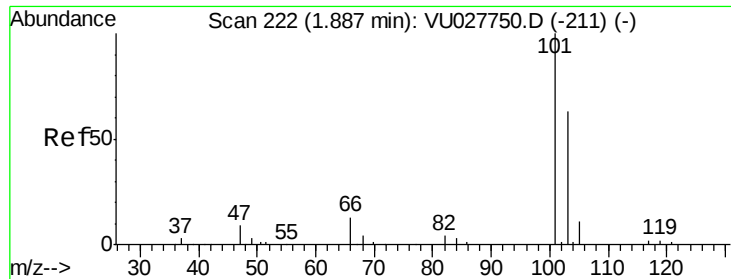
5000

0

1.65 1.70 1.75

Time-->





#7

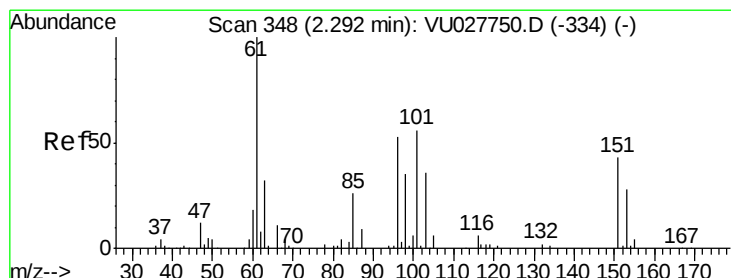
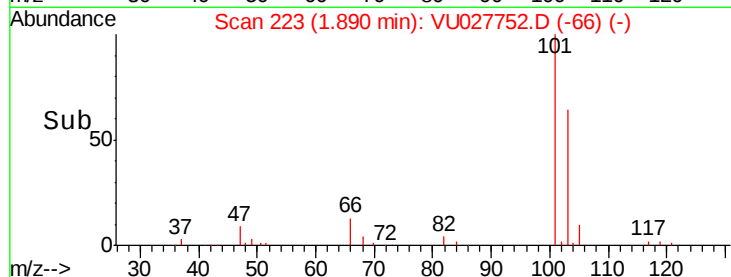
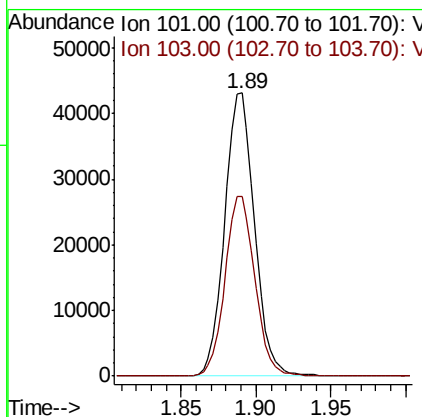
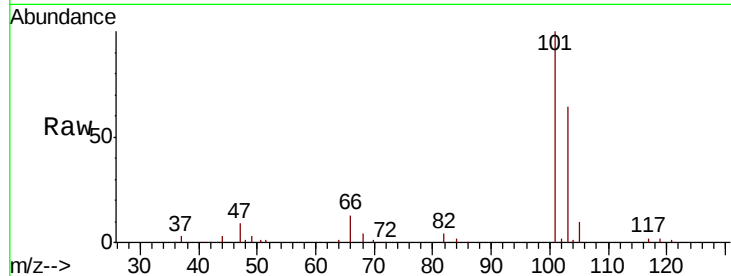
Trichlorofluoromethane
Concen: 9.316 ug/l
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
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ICVVU102318

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		59982		
103	63.6	50.2	75.2		

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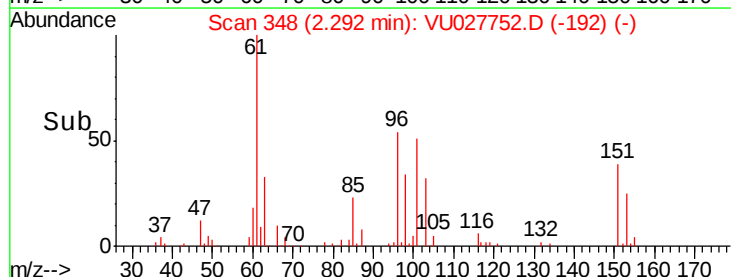
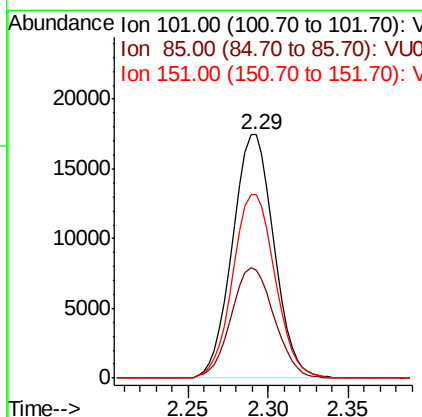
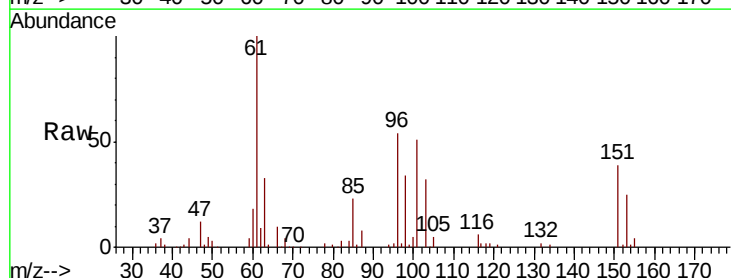
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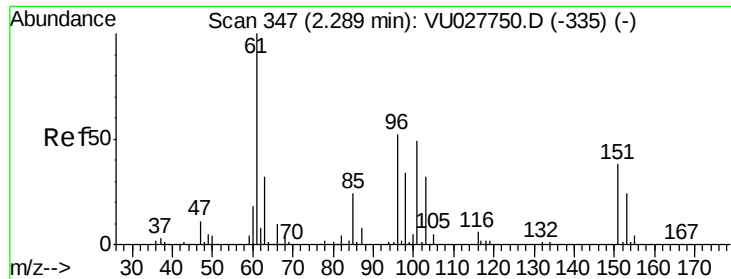


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.123 ug/l
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101	100		30892		
85	46.9	38.2	57.2		
151	77.1	61.8	92.8		





#9

1,1-Dichloroethene

Concen: 10.333 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

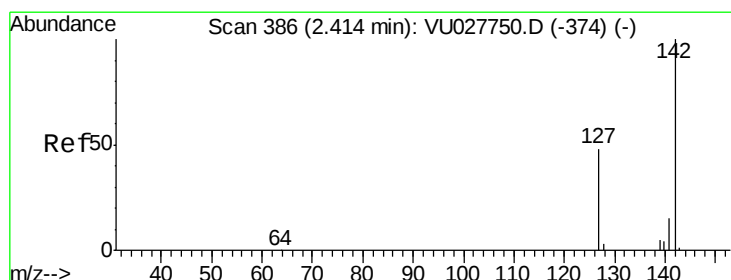
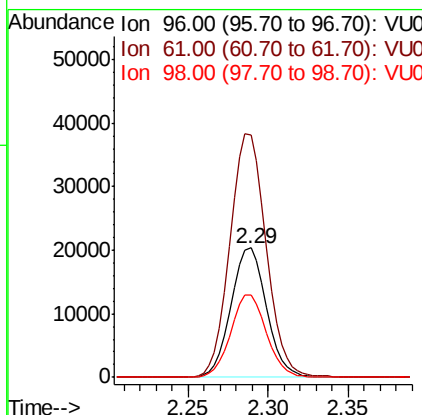
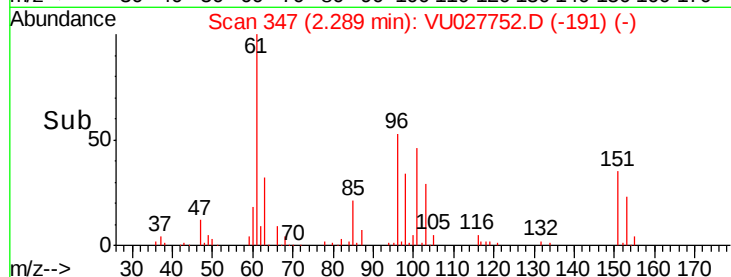
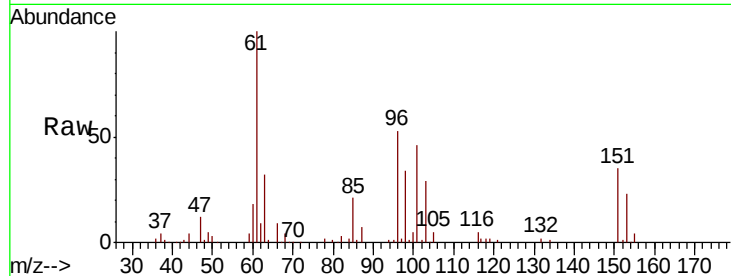
ClientSampleId :

ICVVU102318

Tot Ion:	96	Resp:	30721
Ion Ratio	Lower	Upper	
96	100		
61	187.3	0.0	581.4
98	63.3	0.0	131.2

Manual Integrations
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#10

Iodomethane

Concen: 11.116 ug/l

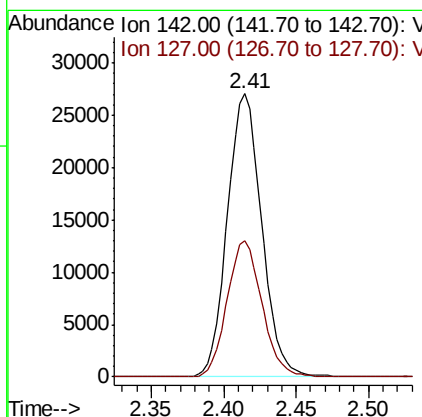
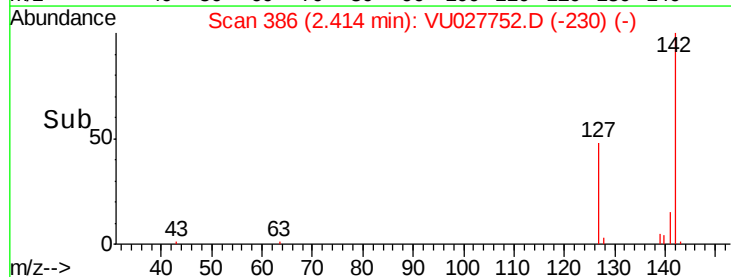
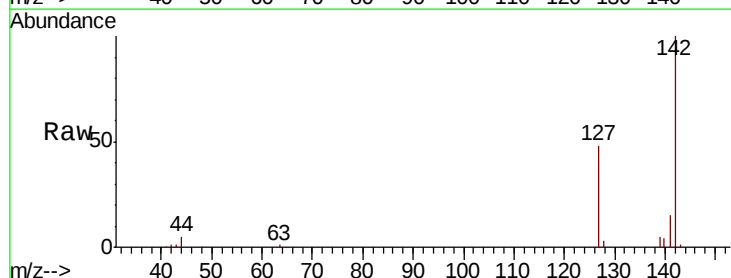
RT: 2.41 min Scan# 386

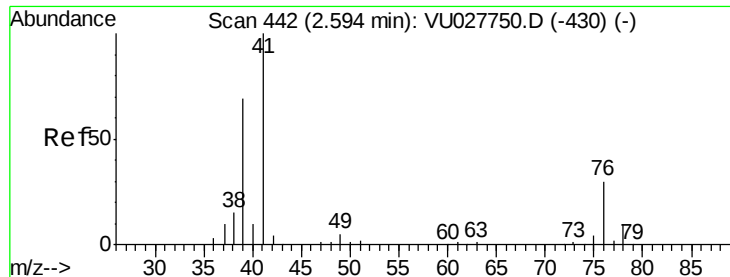
Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion:	142	Resp:	44413
Ion Ratio	Lower	Upper	
142	100		
127	48.7	39.2	58.8





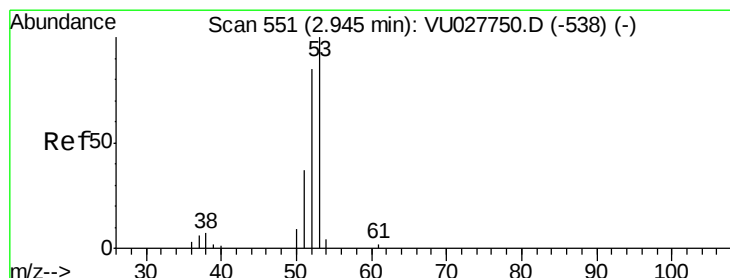
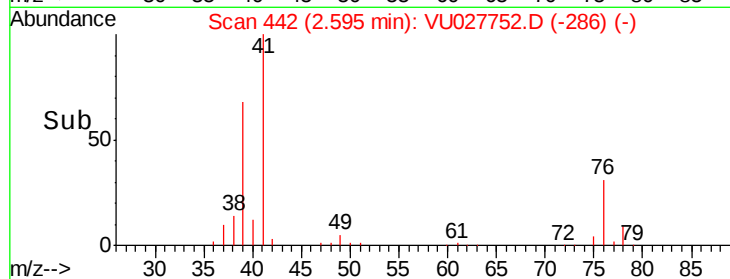
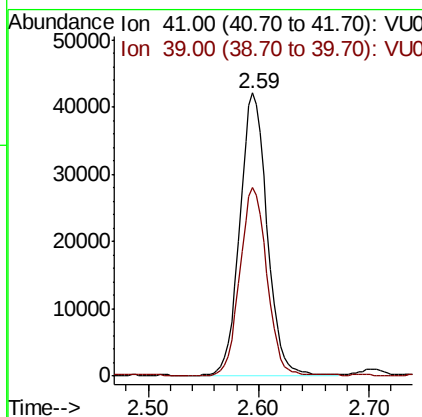
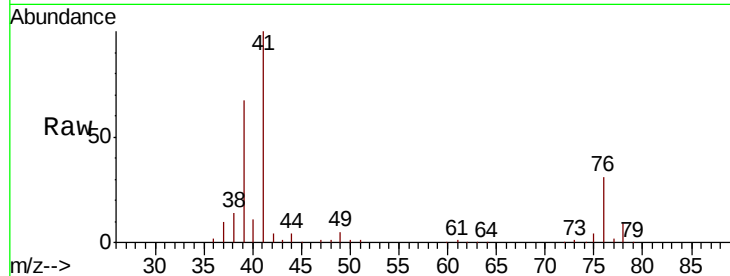
#11
Allvl Chloride
Concen: 10.162 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion: 41 Resp: 71525
Ion Ratio Lower Upper
41 100
39 66.8 55.4 83.0

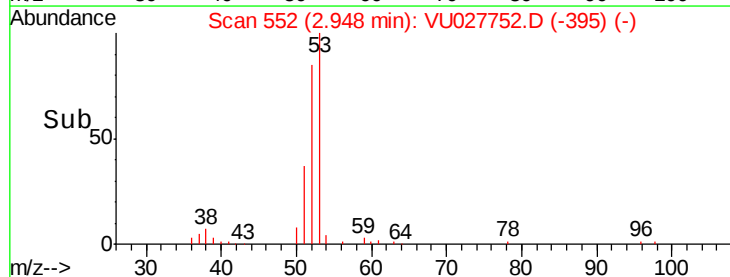
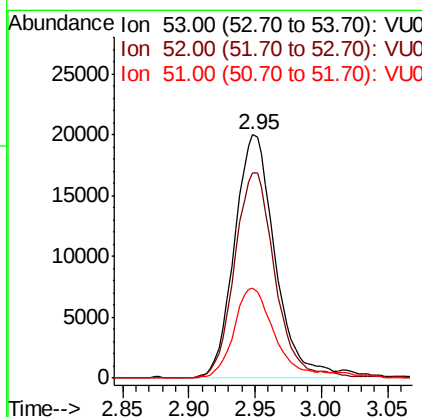
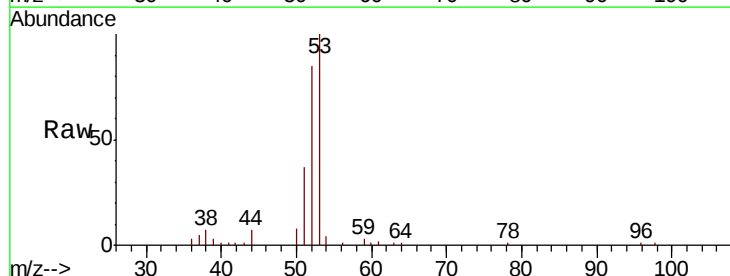
Manual Integrations
APPROVED

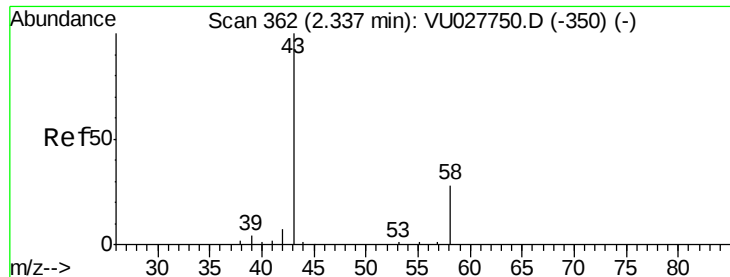
sam
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#12
Acrylonitrile
Concen: 46.978 ug/l
RT: 2.95 min Scan# 552
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion: 53 Resp: 42571
Ion Ratio Lower Upper
53 100
52 84.0 67.9 101.9
51 38.8 30.0 45.0





#13

Acetone

Concen: 46.425 ug/l

RT: 2.34 min Scan# 364

Delta R.T. 0.01 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 43 Resp: 38394

Ion Ratio Lower Upper

43 100

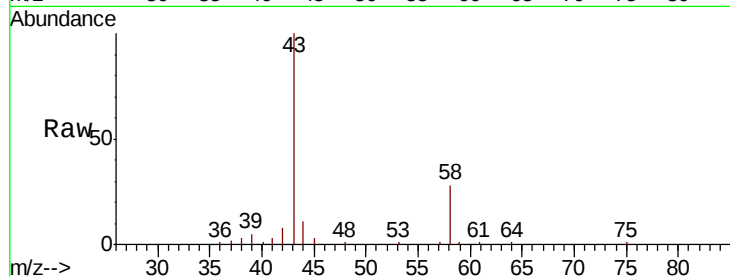
58 28.6 22.3 33.5

Manual Integrations

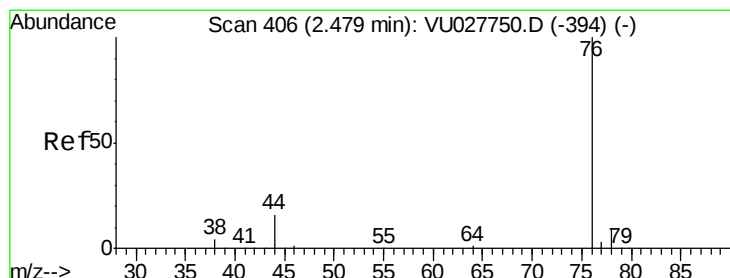
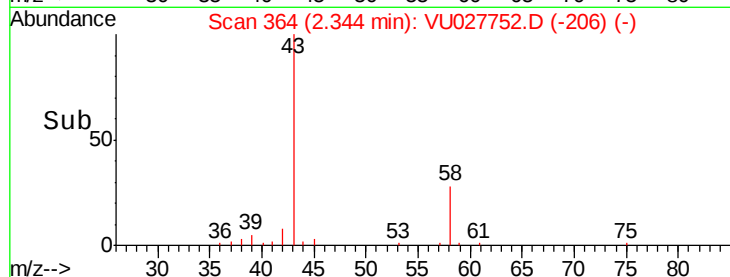
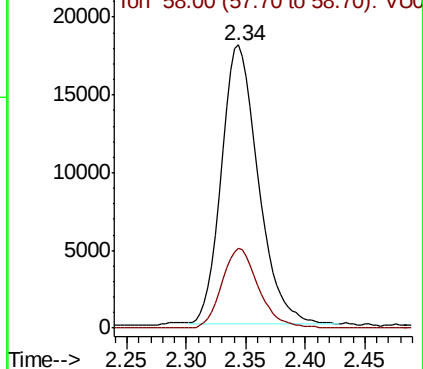
APPROVED

sam

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Abundance Ion 43.00 (42.70 to 43.70): VU027752.D (-206) (-)



#14

Carbon Disulfide

Concen: 9.684 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027752.D

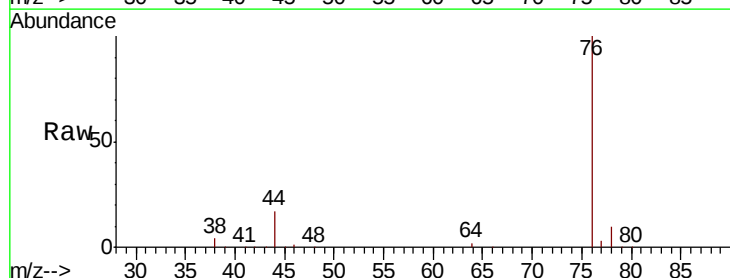
Acq: 22 Oct 2018 20:21

Tgt Ion: 76 Resp: 107173

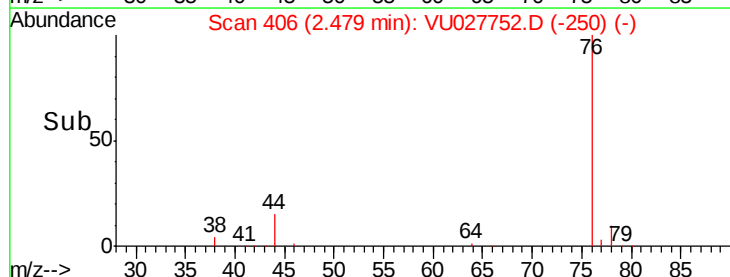
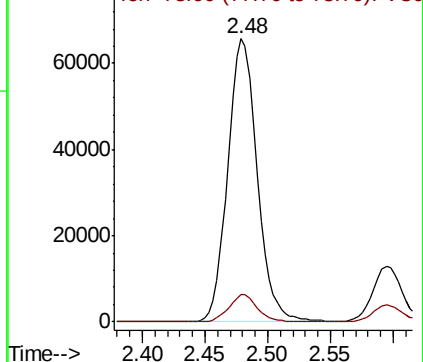
Ion Ratio Lower Upper

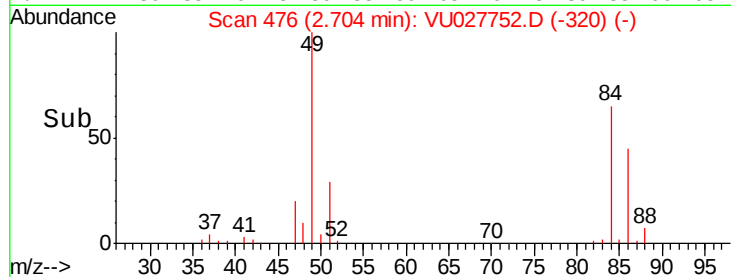
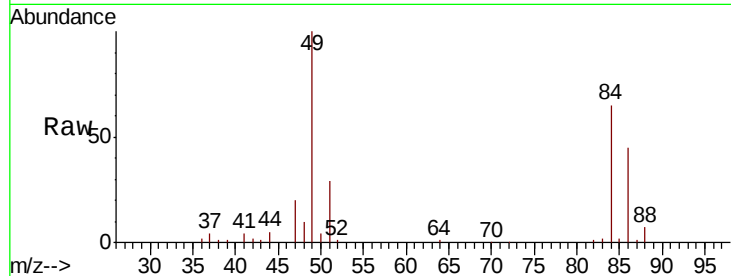
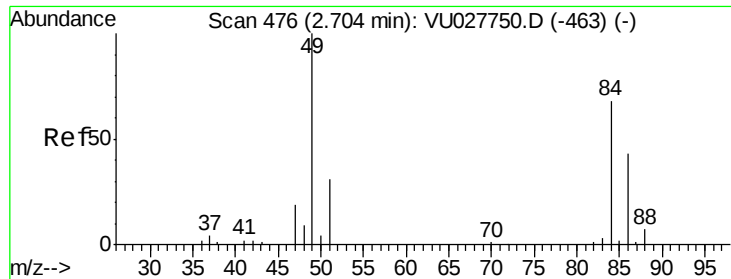
76 100

78 9.6 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU027752.D (-250) (-)





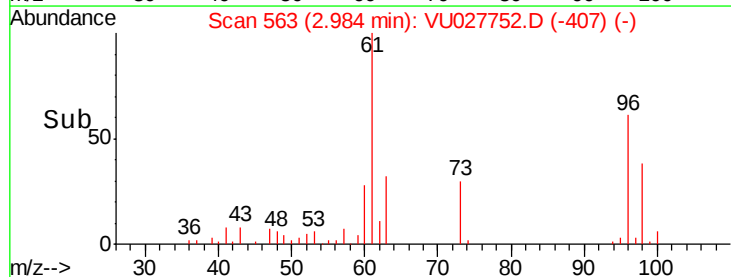
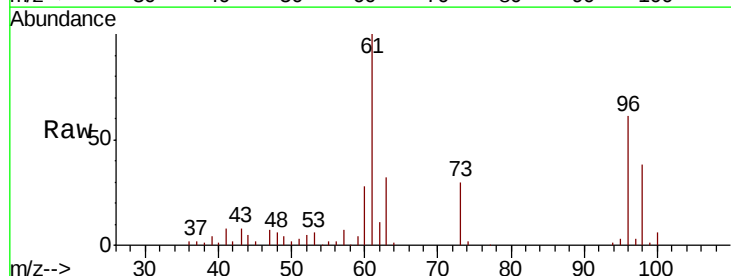
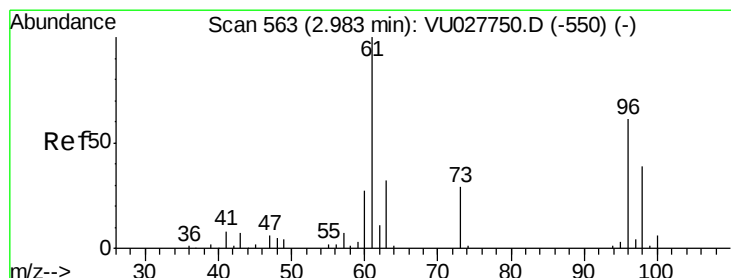
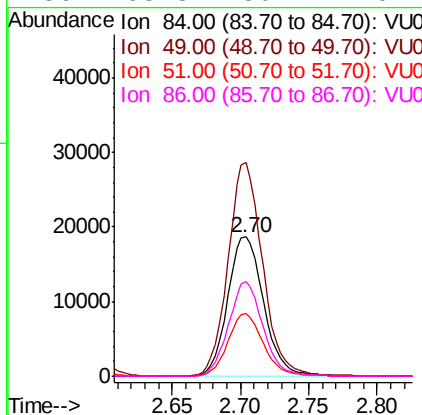
#15
Methvlene Chloride
Concen: 9.129 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tot Ion:	84	Resp:	34205
Ion	Ratio	Lower	Upper
84	100		
49	153.3	118.5	177.7
51	45.0	0.0	91.0
86	68.3	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

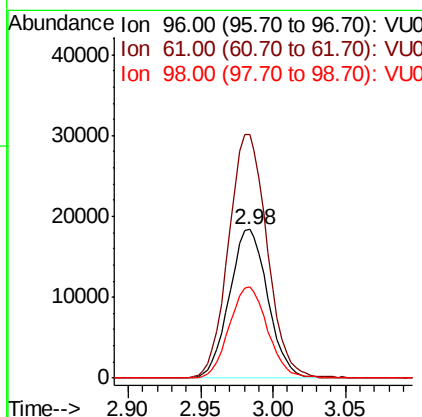
Manual Integrations
APPROVED

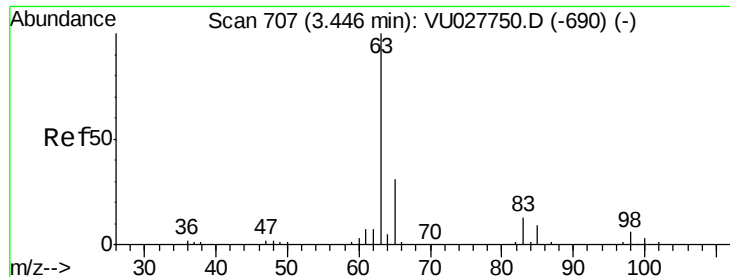
sam
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#16
trans-1,2-Dichloroethene
Concen: 10.231 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion:	96	Resp:	33861
Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.8	197.6
98	61.6	51.2	76.8





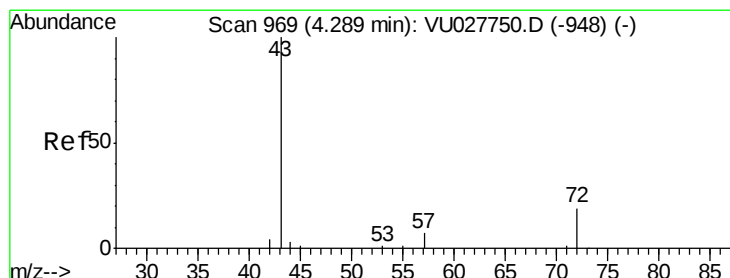
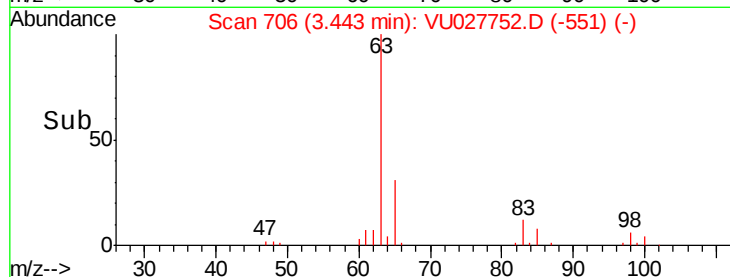
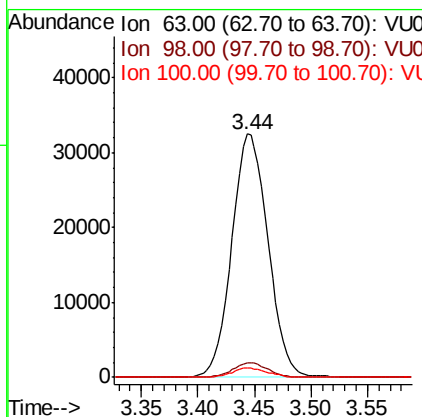
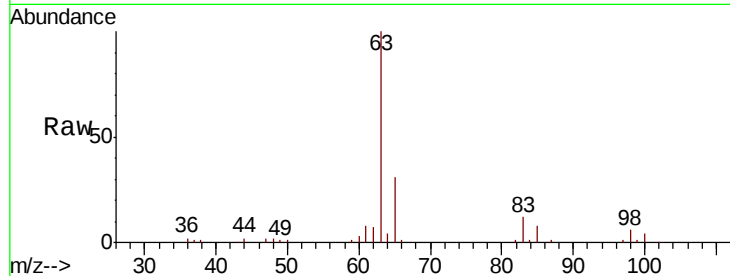
#17
 1,1-Dichloroethane
 Concen: 9.906 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion:	63	Resp:	72352
Ion Ratio	Lower	Upper	
63	100		
98	5.9	2.8	8.4
100	3.8	1.5	4.5

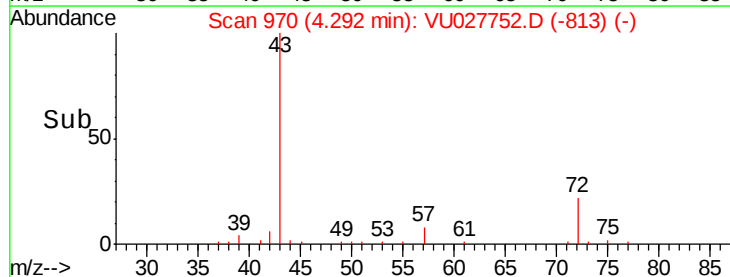
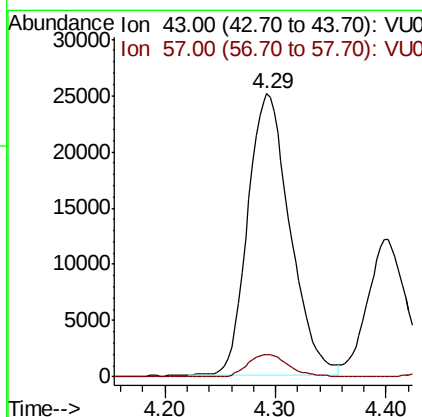
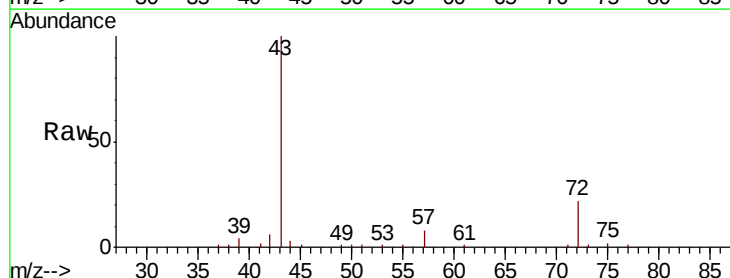
Manual Integrations
 APPROVED

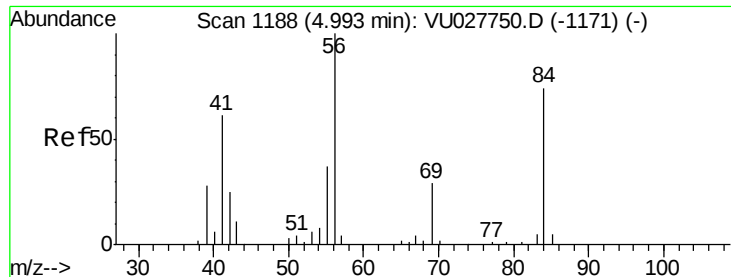
sam
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#18
 2-Butanone
 Concen: 48.228 ug/l
 RT: 4.29 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion:	43	Resp:	66221
Ion Ratio	Lower	Upper	
43	100		
57	7.9	0.0	14.4





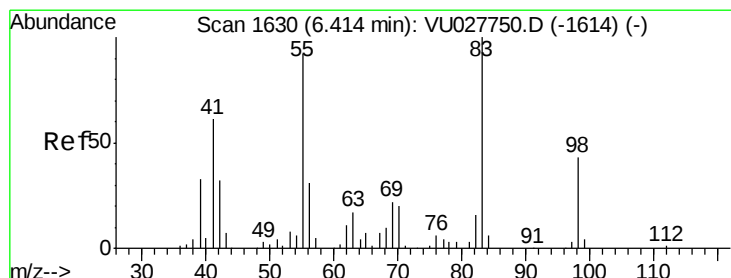
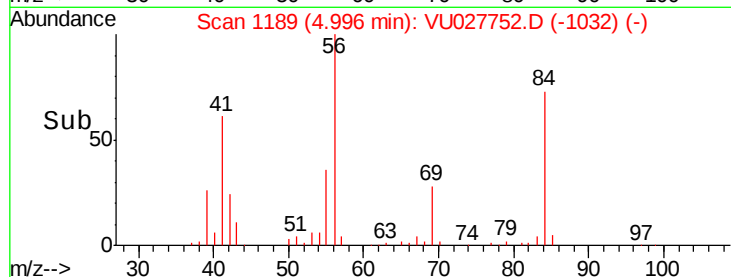
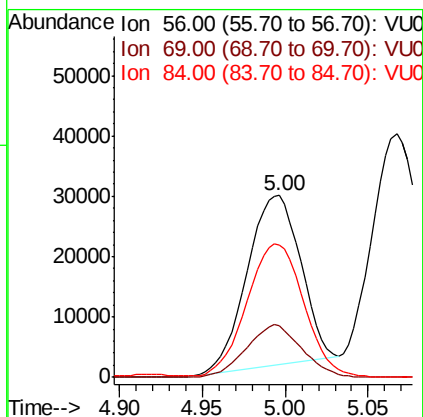
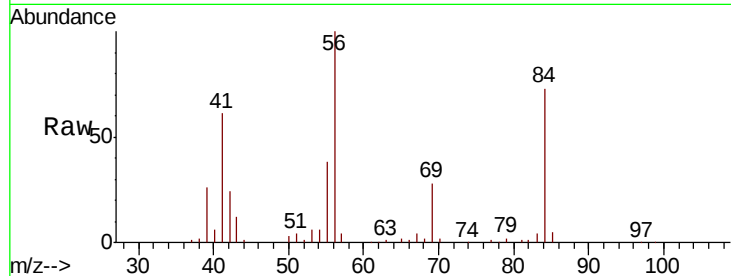
#19
Cyclohexane
Concen: 9.626 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.9	38.9
84	83.5	65.9	98.9

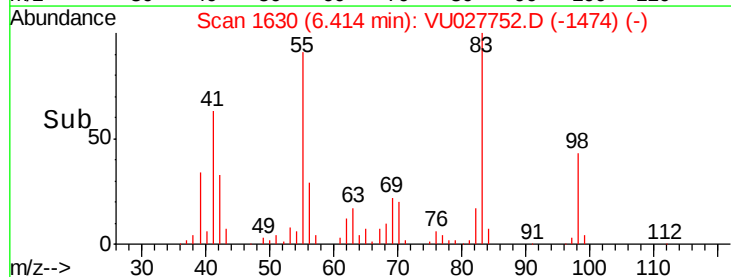
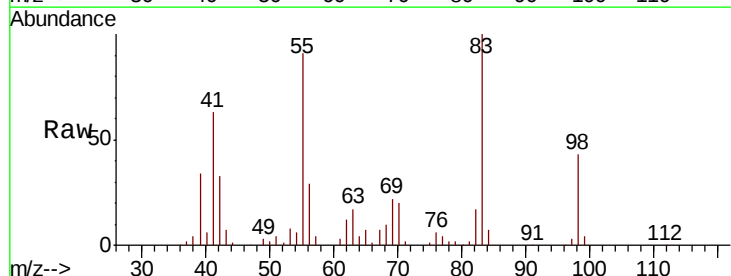
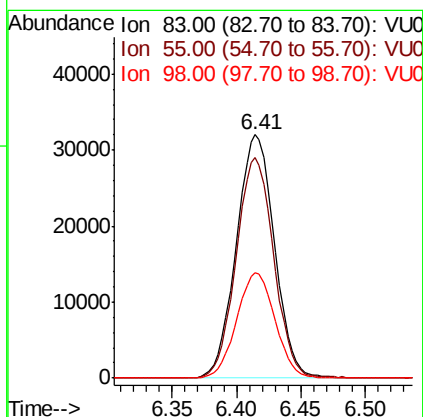
Manual Integrations
APPROVED

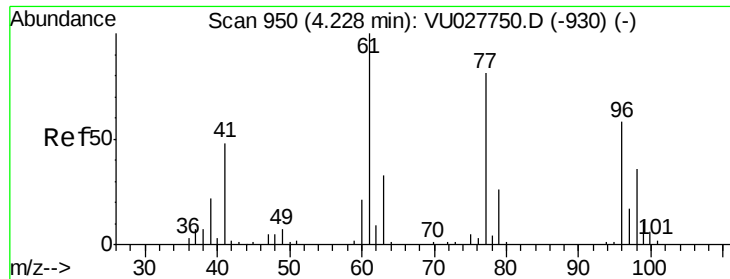
sam
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#20
Methylcyclohexane
Concen: 9.931 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.3	72.6	108.8
98	43.4	35.0	52.4





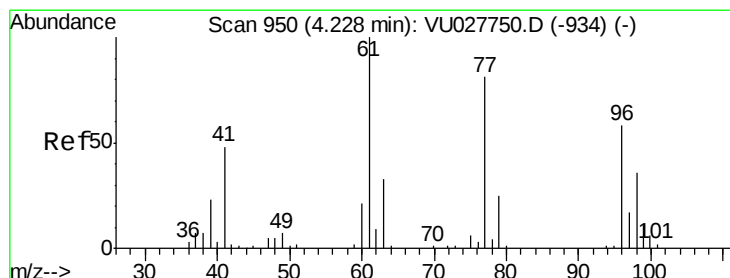
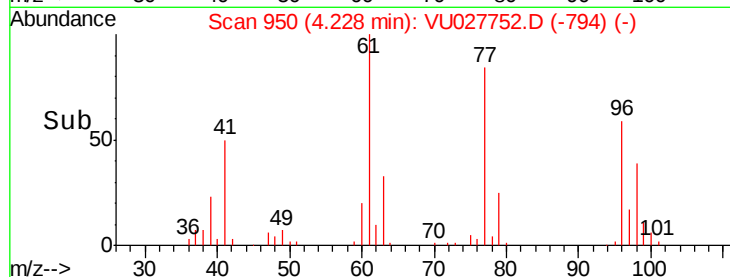
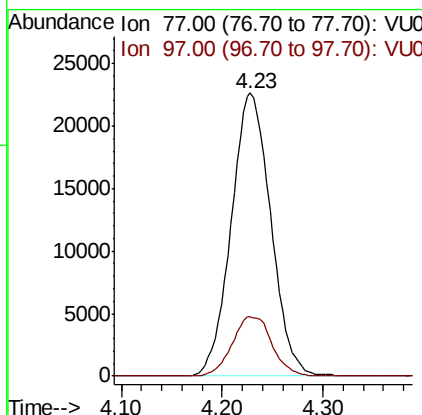
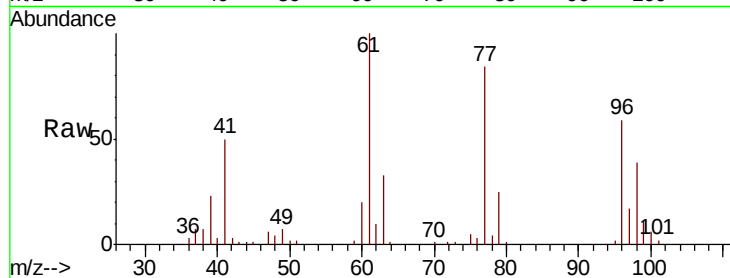
#21
 2,2-Dichloropropane
 Concen: 9.528 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion: 77 Resp: 61437
 Ion Ratio Lower Upper
 77 100
 97 21.0 16.9 25.3

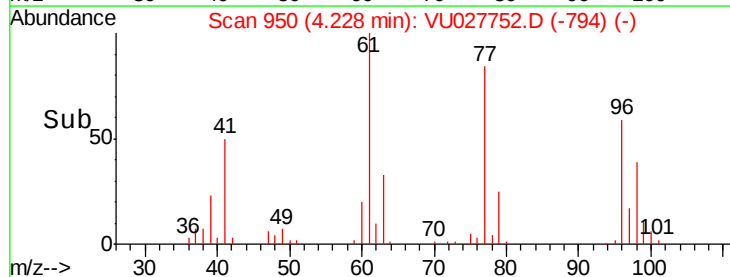
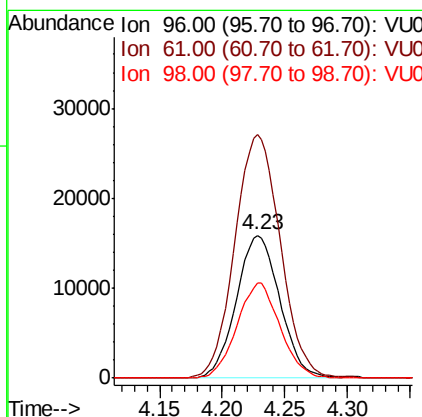
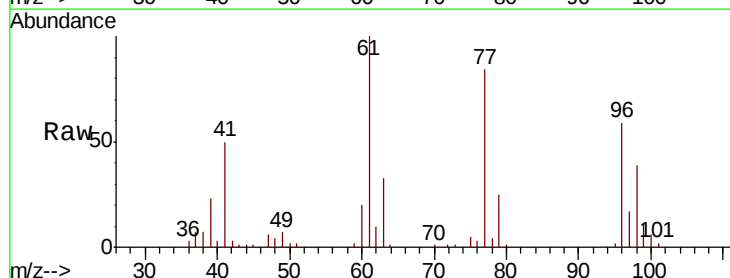
Manual Integrations
 APPROVED

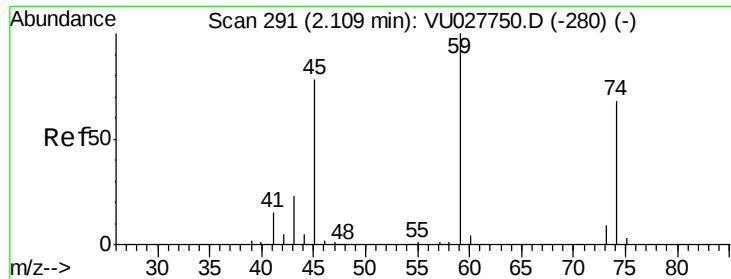
sam
 10/24/2018 2:20:21 PM



#22
 cis-1,2-Dichloroethene
 Concen: 9.653 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion: 96 Resp: 38247
 Ion Ratio Lower Upper
 96 100
 61 178.6 0.0 444.0
 98 65.8 31.9 95.5





#23

Diethyl Ether

Concen: 9.577 ug/l

RT: 2.11 min Scan# 291

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

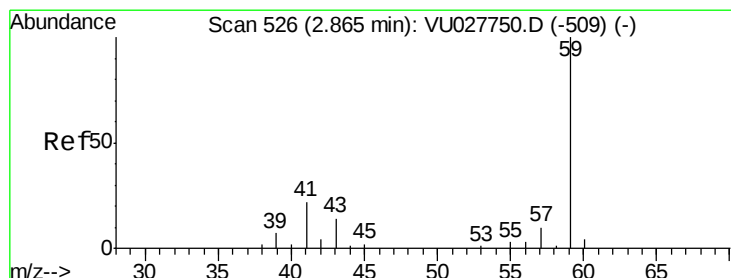
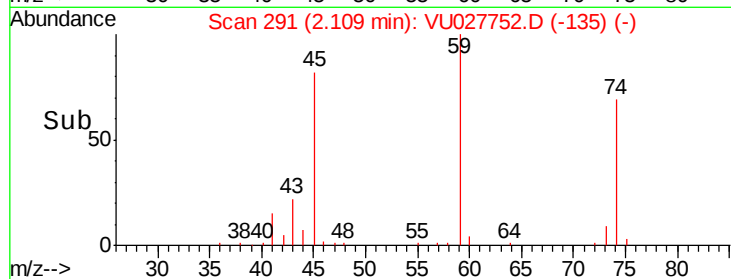
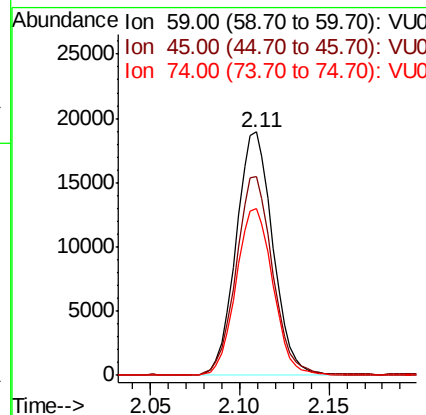
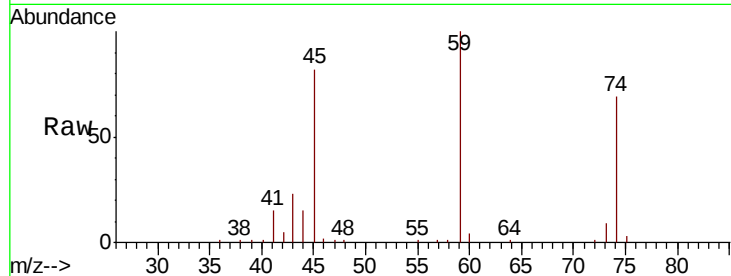
ClientSampleId :

ICVVU102318

Tot Ion:	59	Resp:	27075
Ion	Ratio	Lower	Upper
59	100		
45	81.3	64.6	96.8
74	68.7	54.8	82.2

Manual Integrations
APPROVED

sam
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#24

tert-Butyl Alcohol

Concen: 47.657 ug/l m

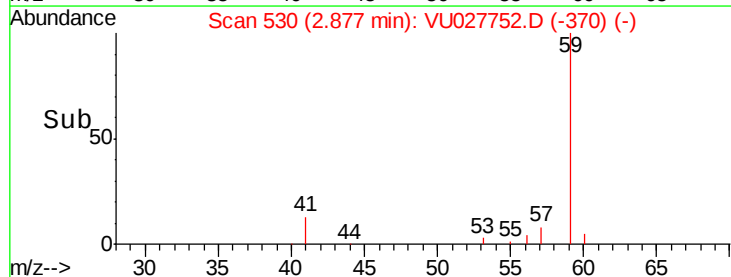
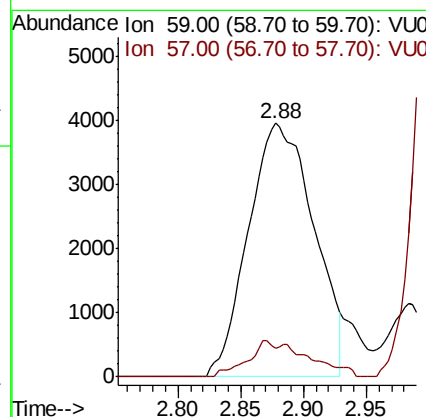
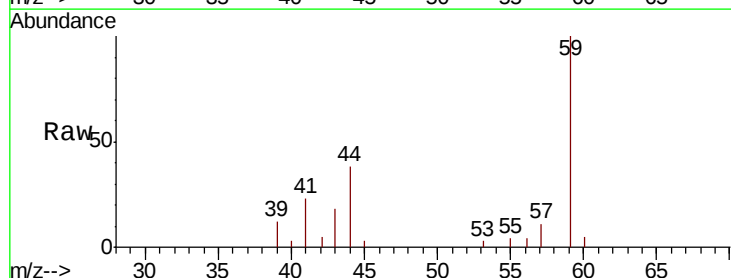
RT: 2.88 min Scan# 530

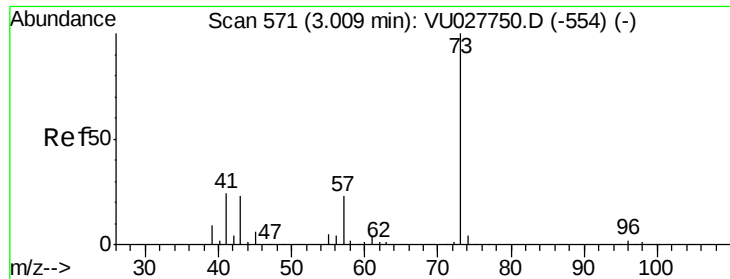
Delta R.T. 0.01 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion:	59	Resp:	14372
Ion	Ratio	Lower	Upper
59	100		
57	5.9	4.4	6.6





#25

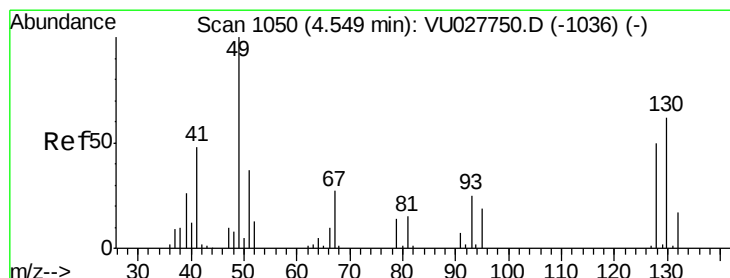
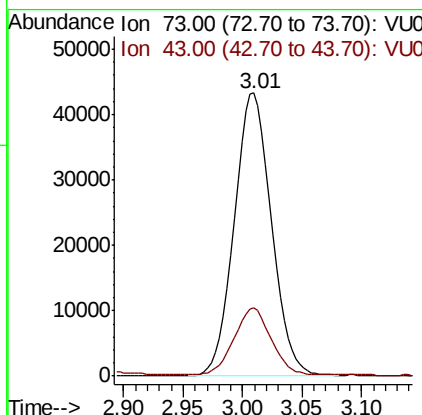
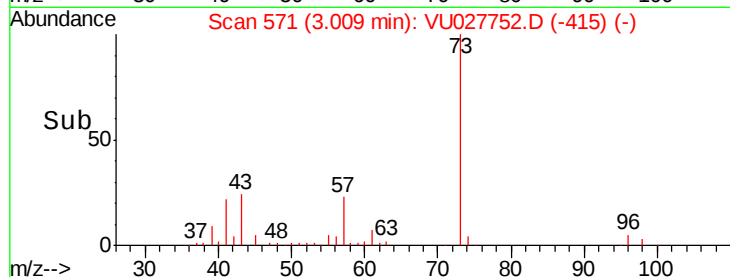
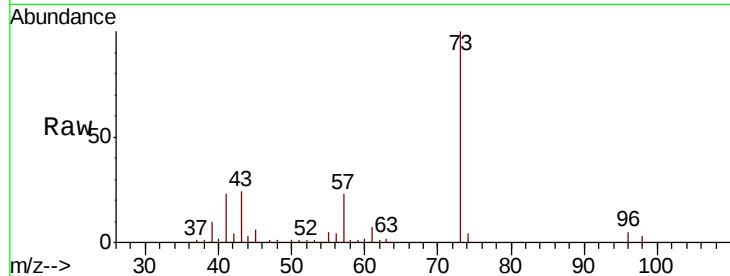
Methvl tert-Butvl Ether
 Concen: 9.927 ug/l
 RT: 3.01 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	73	Resp	93979
Ion Ratio	100	Lower	Upper
73	100		
43	23.5	18.6	27.8

Manual Integrations
 APPROVED

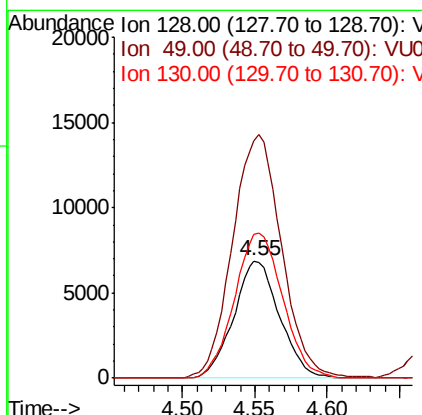
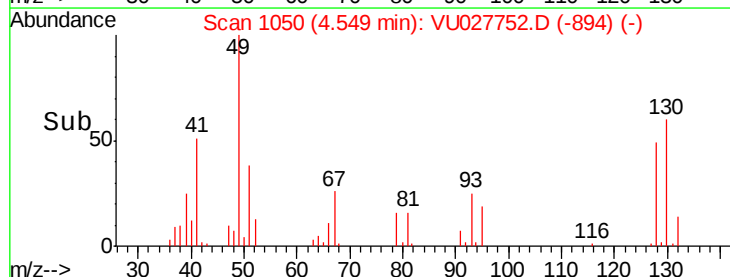
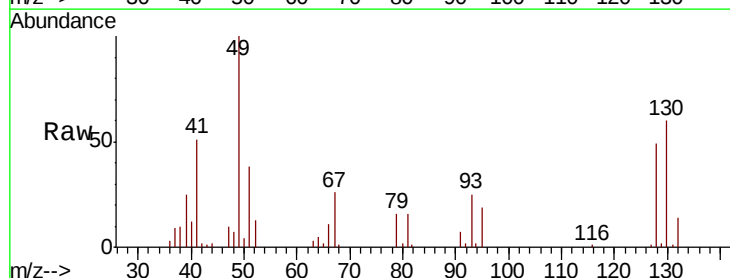
sam
 10/24/2018 2:20:21 PM

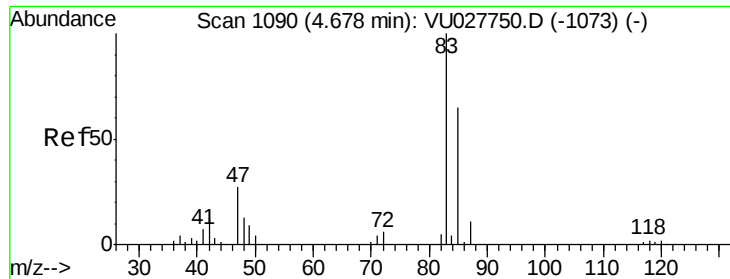


#26

Bromochloromethane
 Concen: 9.501 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	128	Resp	15101
Ion Ratio	100	Lower	Upper
128	100		
49	222.0	0.0	427.6
130	130.6	103.4	155.0





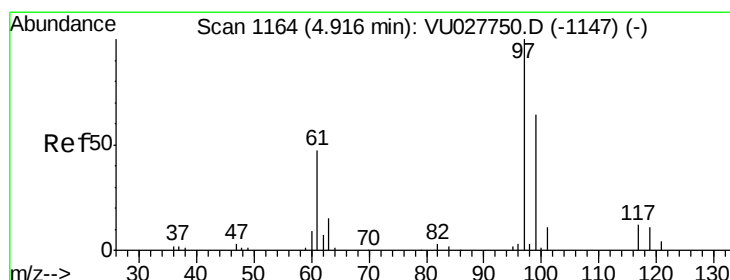
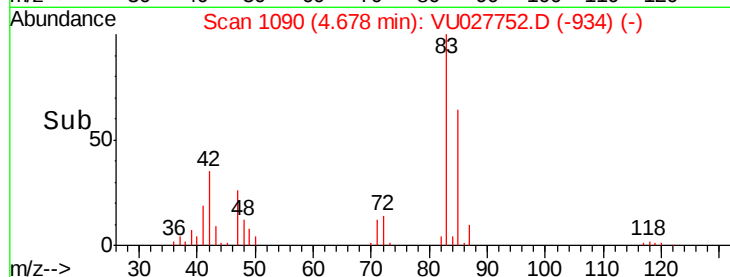
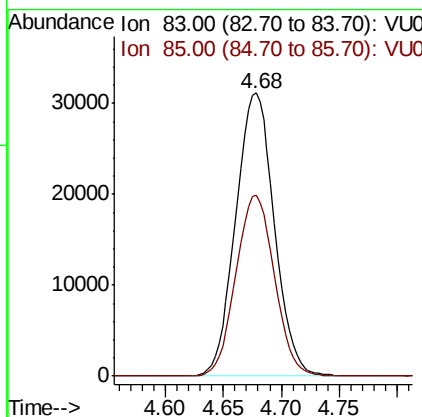
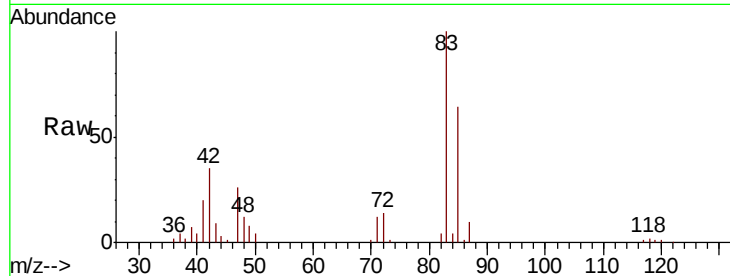
#27
Chloroform
Concen: 10.160 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	83	Resp	72251
Ion Ratio	100	Lower	Upper
85	63.9	0.0	130.2

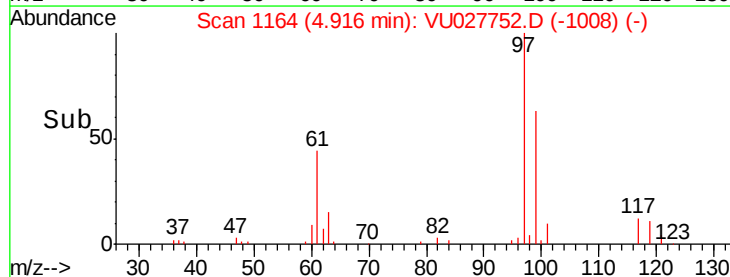
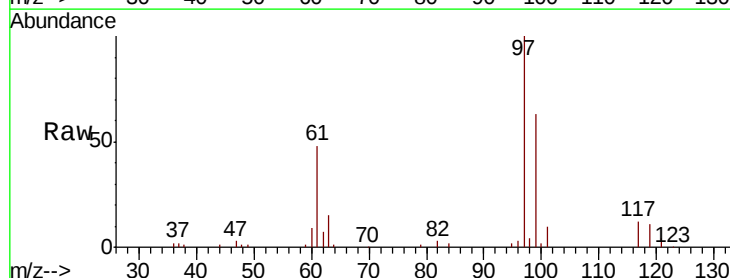
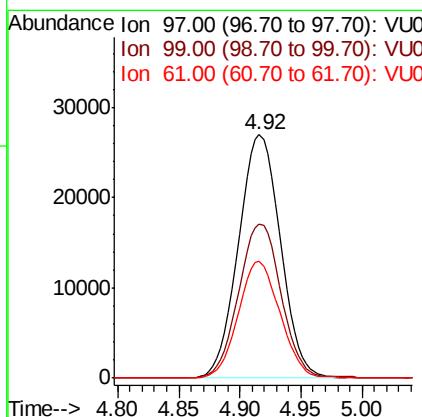
Manual Integrations
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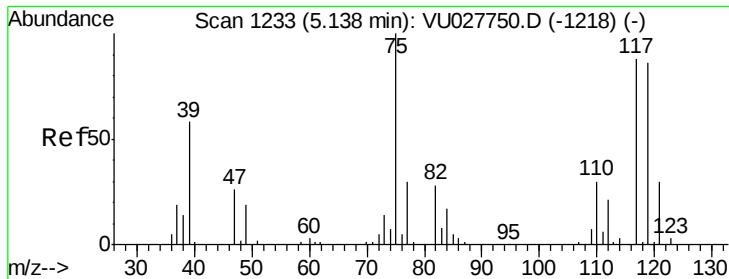
sam
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#28
1,1,1-Trichloroethane
Concen: 10.164 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	97	Resp	64341
Ion Ratio	100	Lower	Upper
99	64.0	31.8	95.4
61	47.7	23.6	70.8





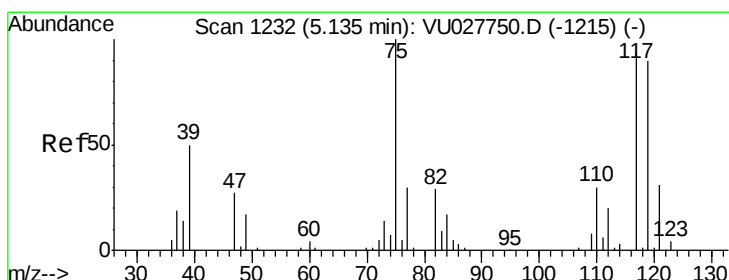
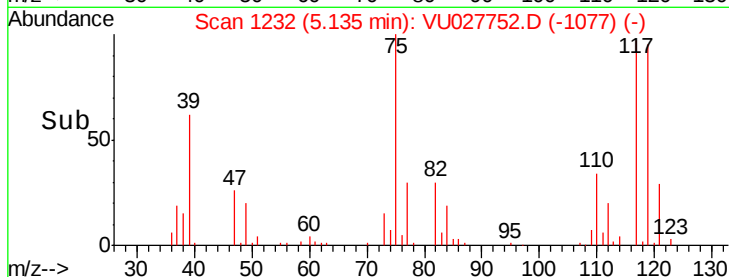
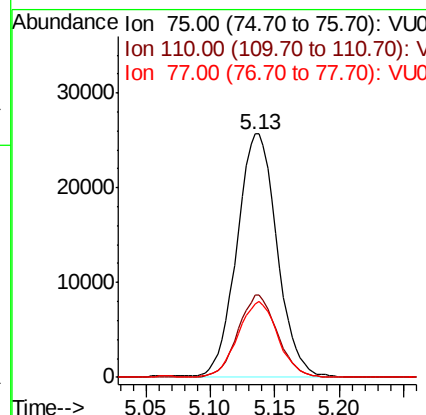
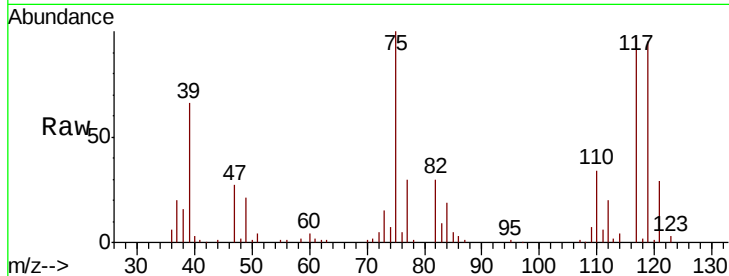
#29
1,1-Dichloropropene
Concen: 10.064 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	15.6	46.8
77	30.9	24.5	36.7

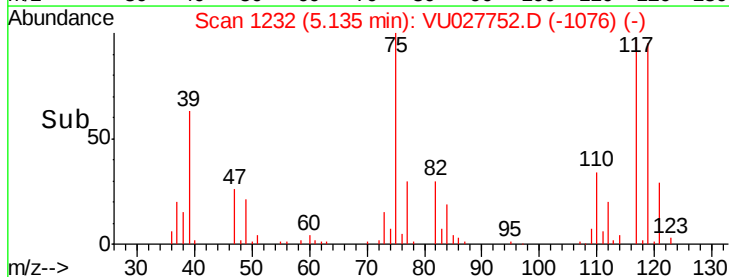
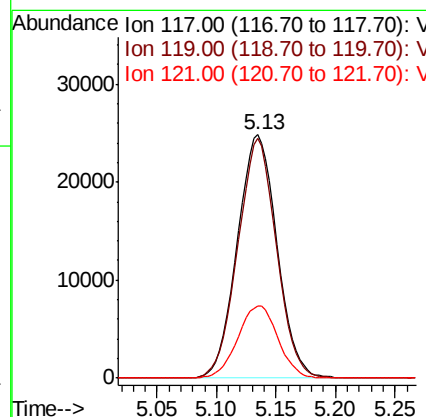
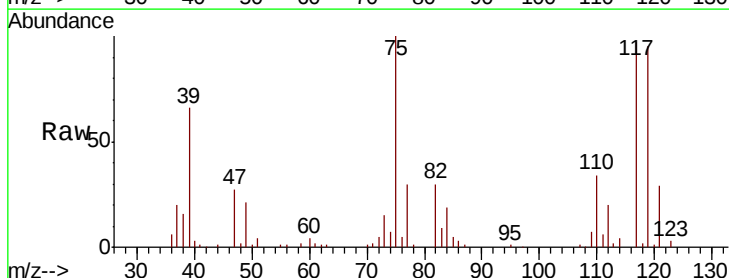
Manual Integrations
APPROVED

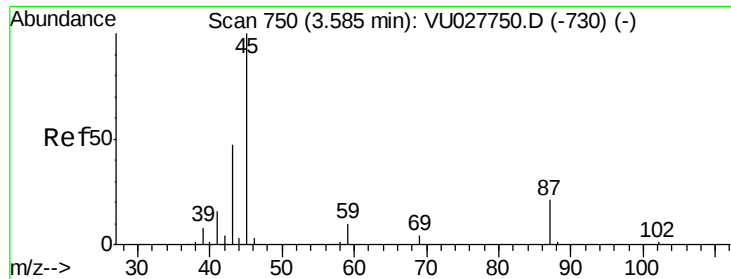
sam
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#30
Carbon Tetrachloride
Concen: 10.142 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.2	114.4
121	29.7	26.4	39.6





#31

Isopropyl Ether

Concen: 10.788 ug/l

RT: 3.58 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 45 Resp: 141916

Ion Ratio Lower Upper

45 100

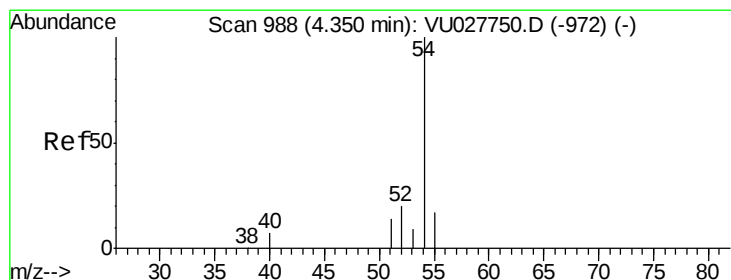
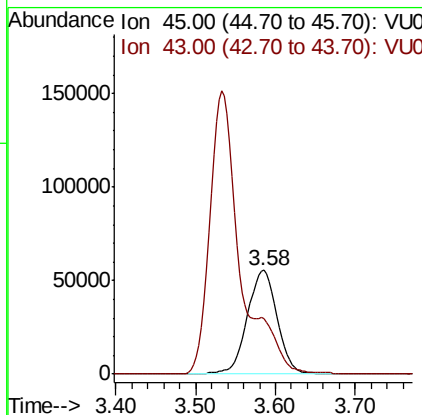
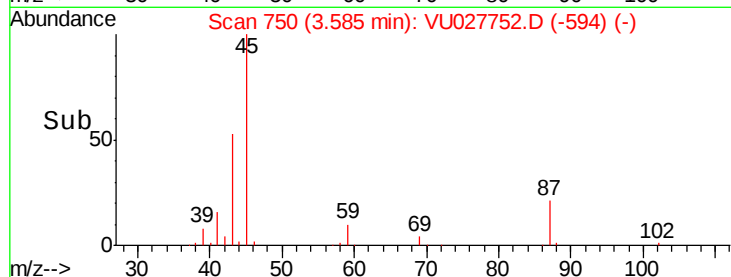
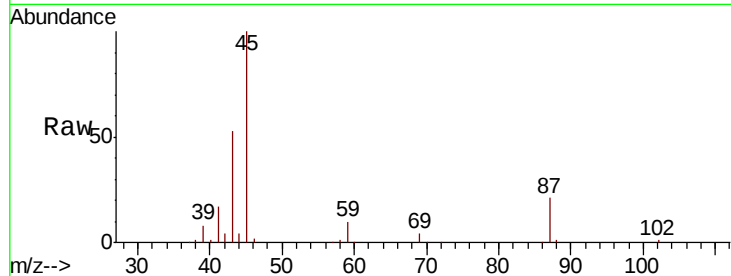
43 245.5 24.5 73.5#

Manual Integrations

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#34

Propionitrile

Concen: 110.017 ug/l

RT: 4.35 min Scan# 989

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion: 54 Resp: 36018

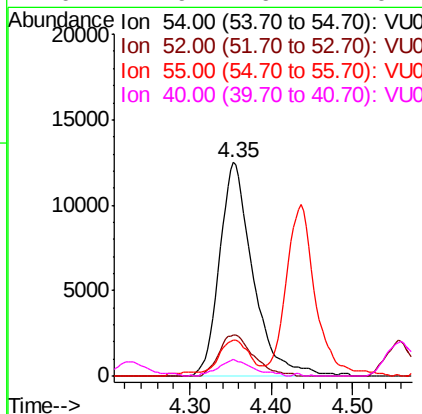
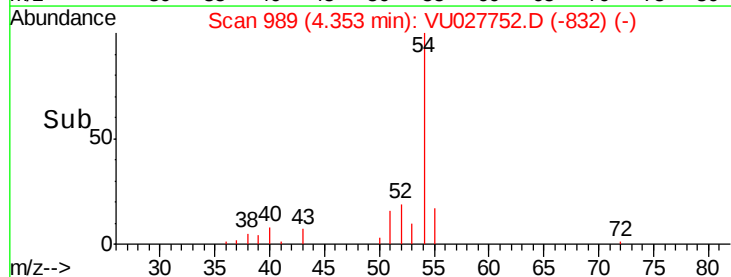
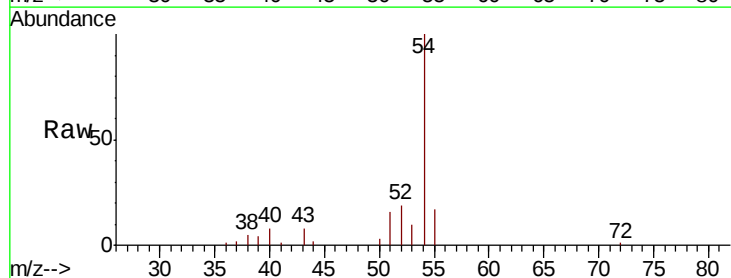
Ion Ratio Lower Upper

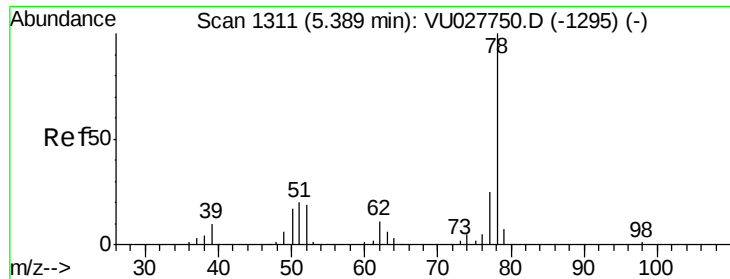
54 100

52 19.9 15.5 23.3

55 15.7 12.6 18.8

40 7.9 6.1 9.1





#35

Benzene

Concen: 10.204 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 78 Resp: 157641

Ion Ratio Lower Upper

78 100

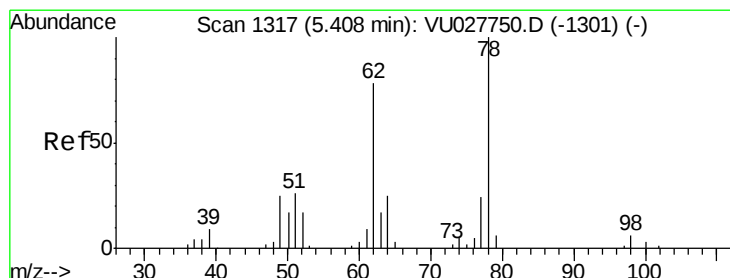
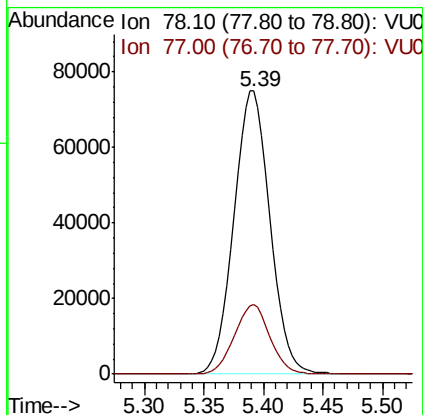
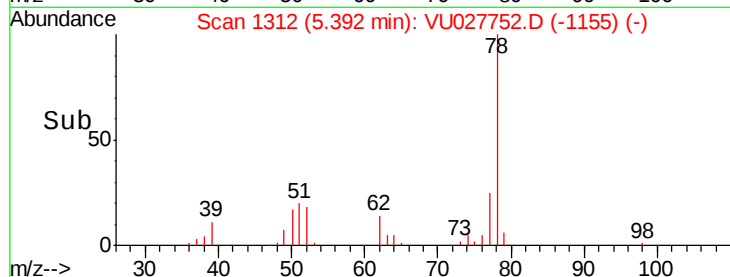
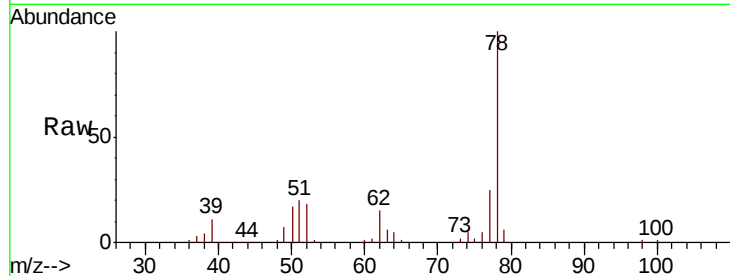
77 24.6 19.9 29.9

Manual Integrations

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#36

1,2-Dichloroethane

Concen: 9.974 ug/l

RT: 5.41 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VU027752.D

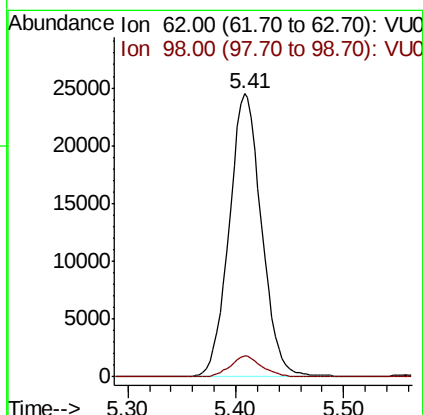
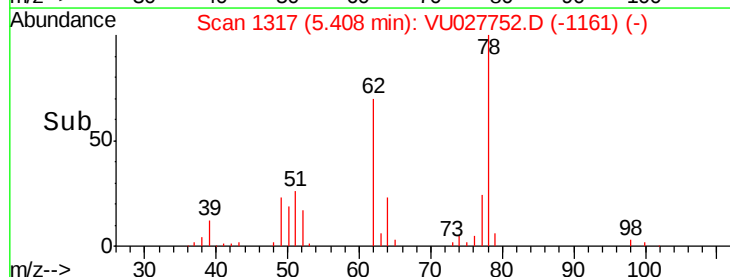
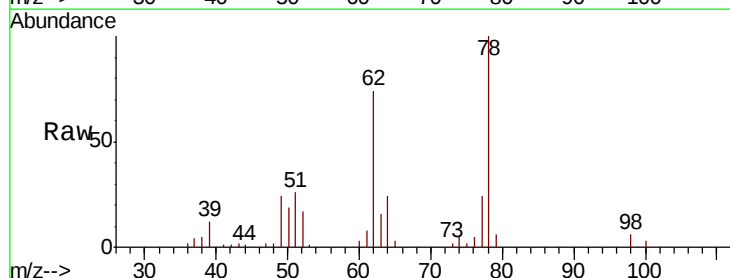
Acq: 22 Oct 2018 20:21

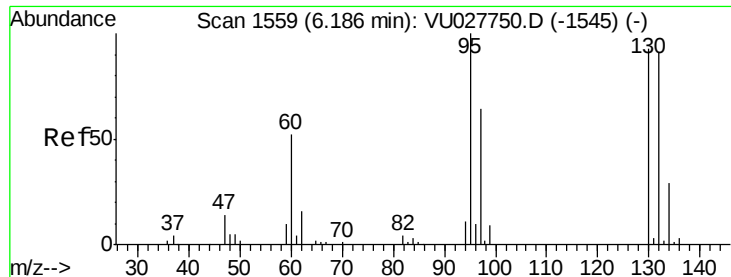
Tgt Ion: 62 Resp: 51280

Ion Ratio Lower Upper

62 100

98 7.1 5.8 8.6





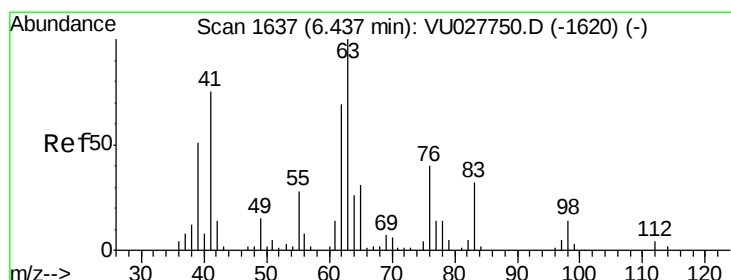
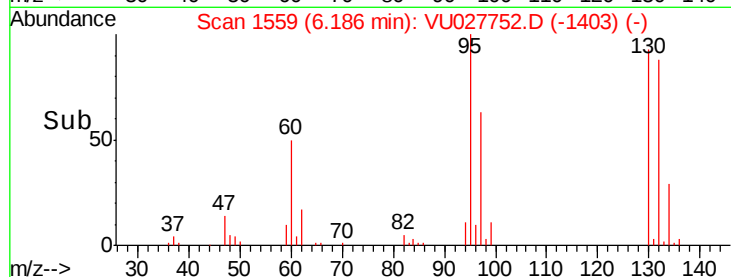
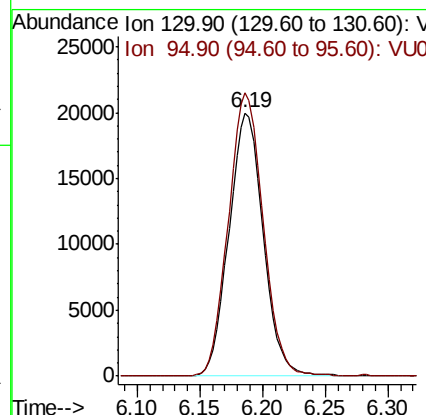
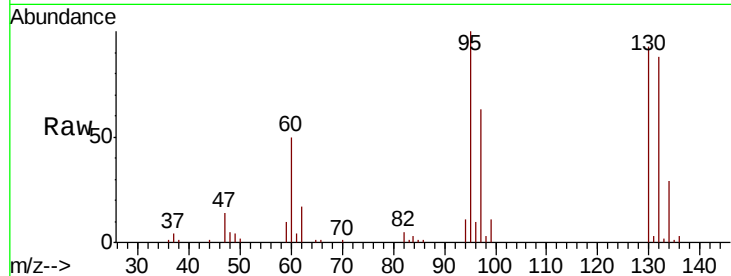
#37
 Trichloroethene
 Concen: 9.951 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion:130 Resp: 37927
 Ion Ratio Lower Upper
 130 100
 95 107.5 86.4 129.6

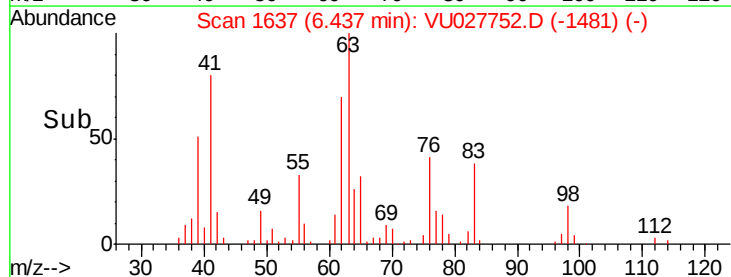
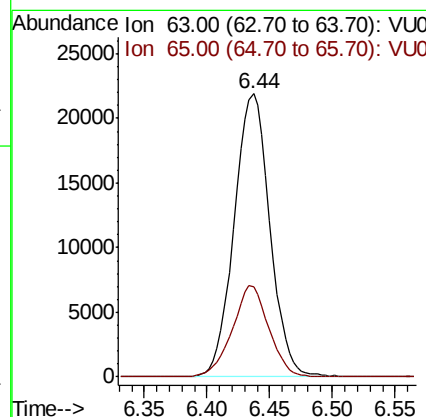
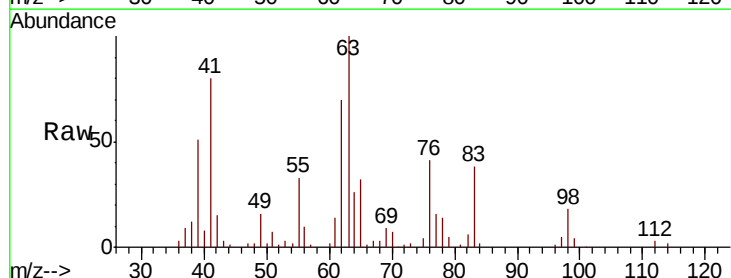
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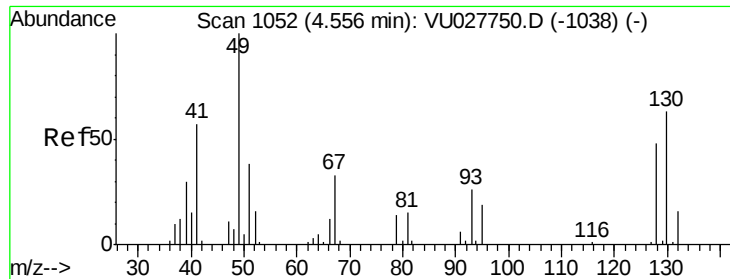
sam
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#38
 1,2-Dichloropropane
 Concen: 9.985 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion: 63 Resp: 43319
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.9 37.3





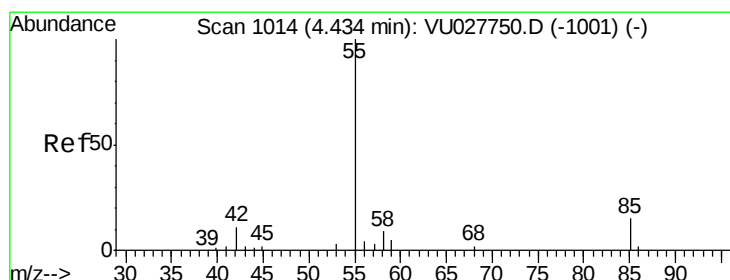
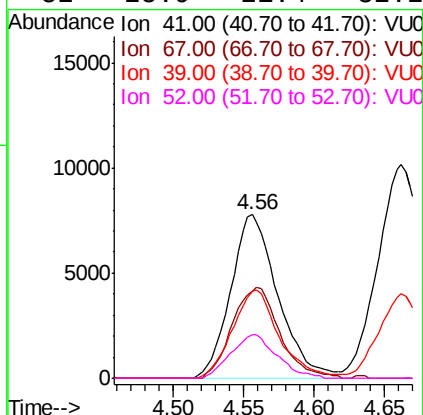
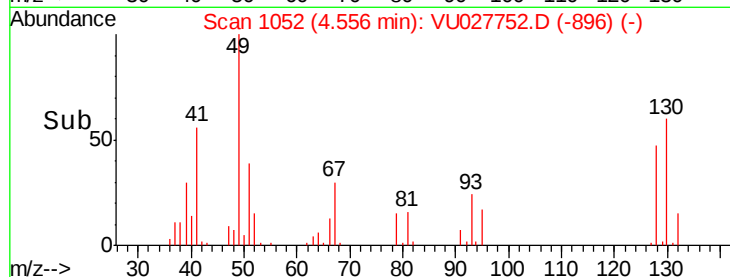
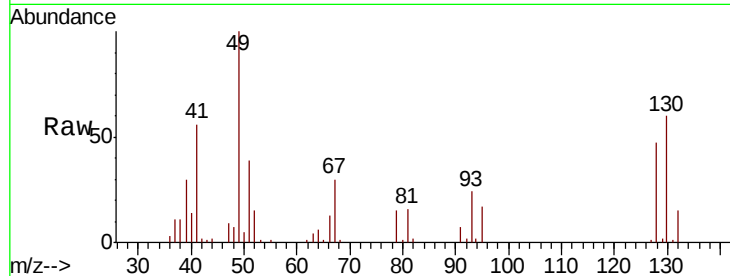
#39
Methacrylonitrile
Concen: 10.073 ug/l
RT: 4.56 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		18212		
67	55.7	46.1	69.1		
39	53.3	43.6	65.4		
52	25.9	21.4	32.2		

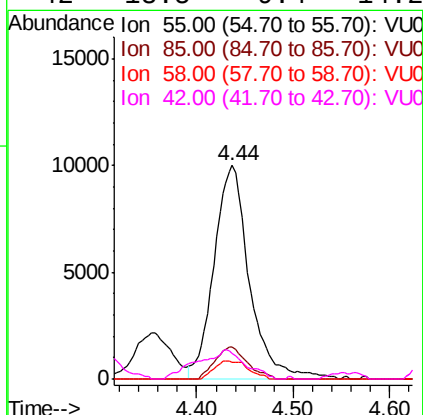
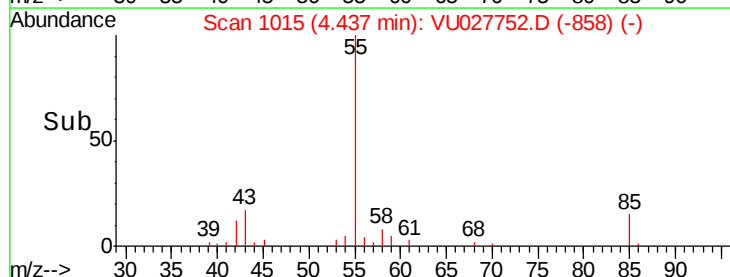
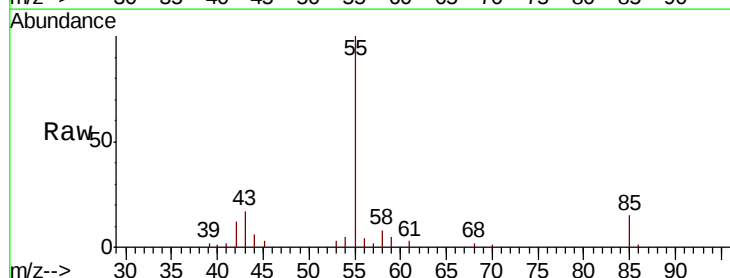
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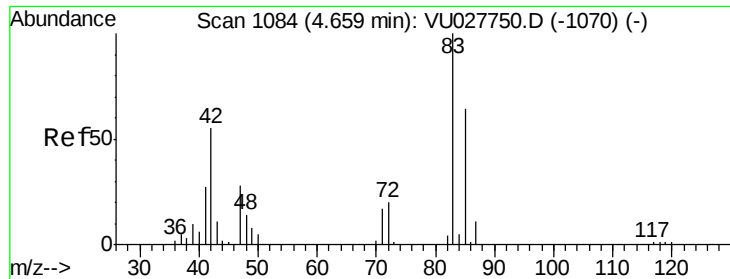
sam
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#40
Methyl acrylate
Concen: 10.814 ug/l
RT: 4.44 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		25467		
85	13.6	11.8	17.6		
58	8.1	7.0	10.4		
42	18.5	9.4	14.2#		





#41

Tetrahydrofuran

Concen: 44.373 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

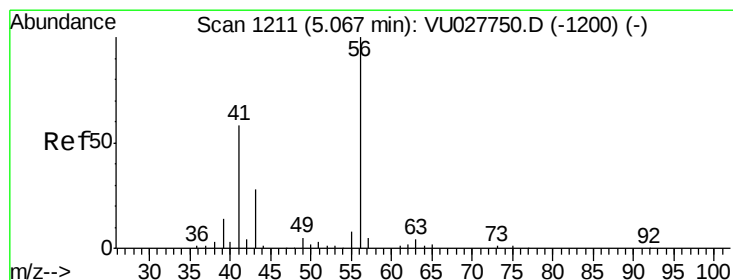
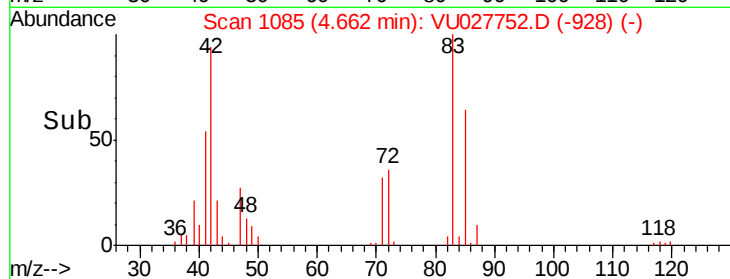
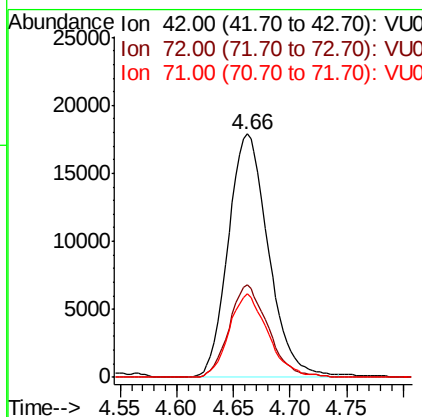
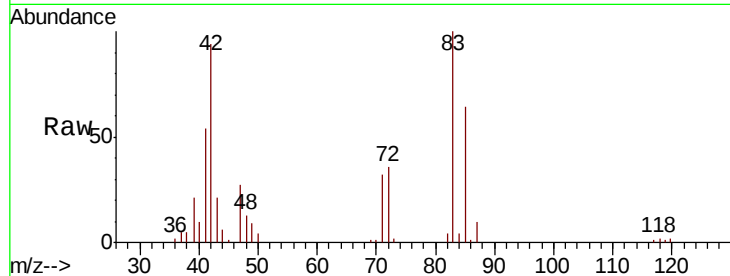
ClientSampleId :

ICVVU102318

Tot Ion:	42	Resp:	44330
Ion	Ratio	Lower	Upper
42	100		
72	36.7	30.6	45.8
71	33.2	25.2	37.8

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#42

1-Chlorobutane

Concen: 10.017 ug/l

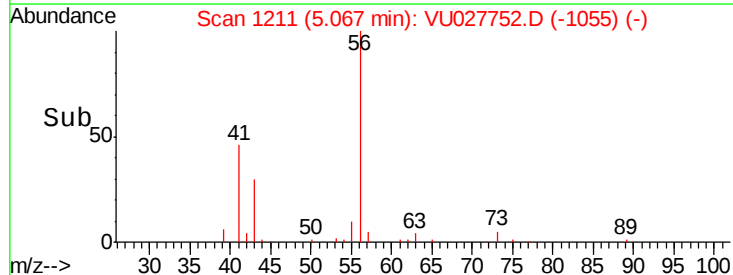
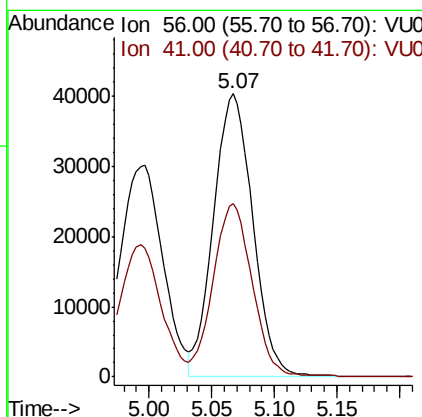
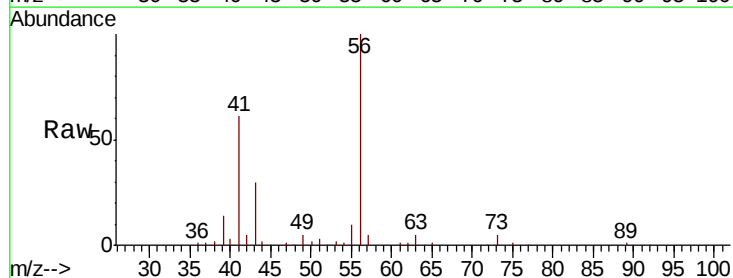
RT: 5.07 min Scan# 1211

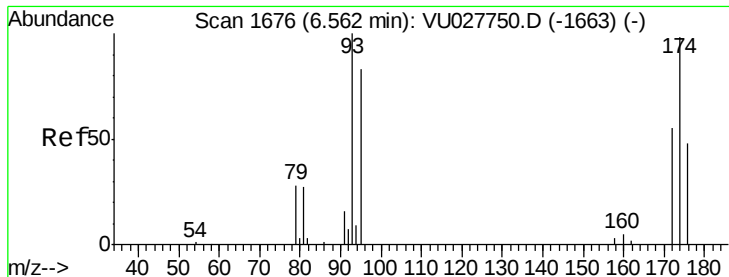
Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion:	56	Resp:	87372
Ion	Ratio	Lower	Upper
56	100		
41	61.3	29.4	88.2





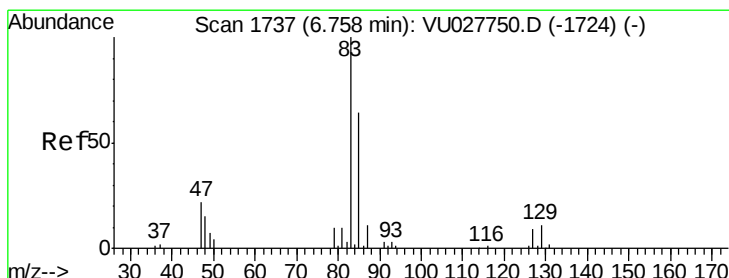
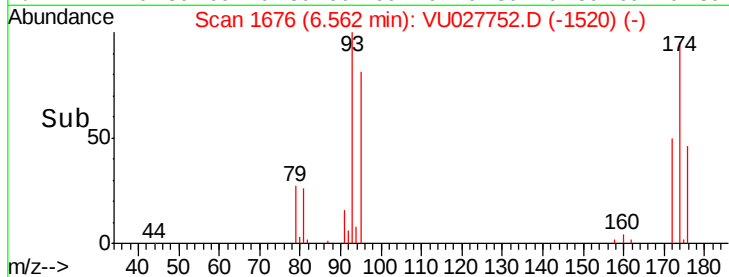
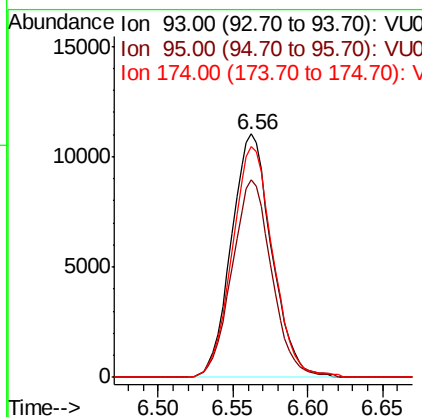
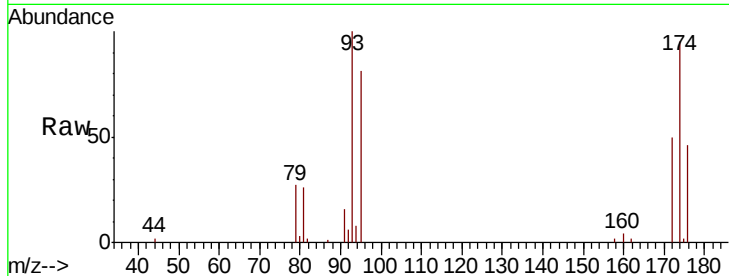
#43
Dibromomethane
Concen: 10.518 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
93	100		
95	79.8	64.2	96.2
174	95.6	76.7	115.1

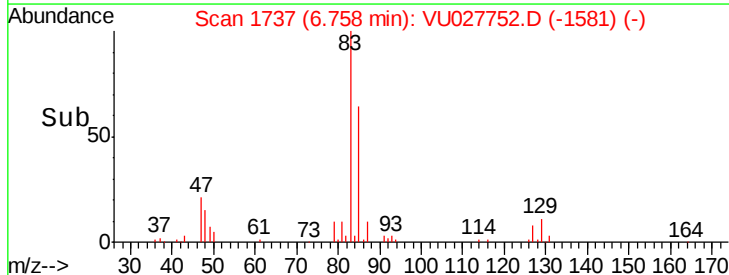
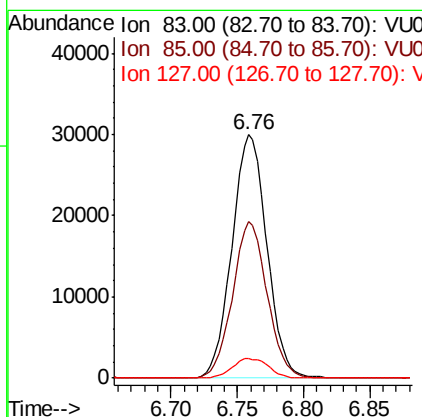
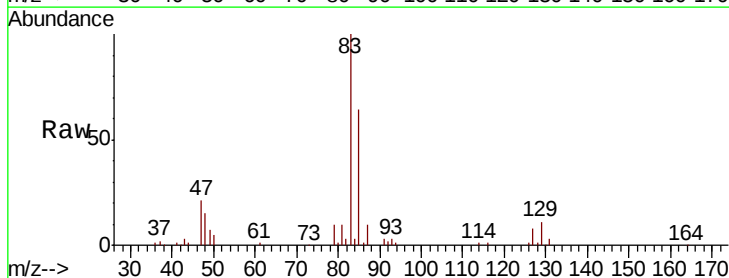
Manual Integrations
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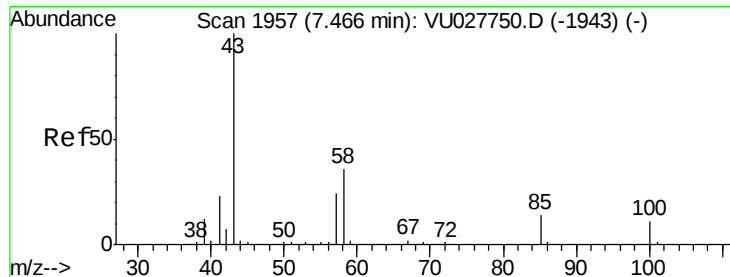
sam
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#44
Bromodichloromethane
Concen: 10.242 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.5	77.3
127	8.1	7.0	10.4





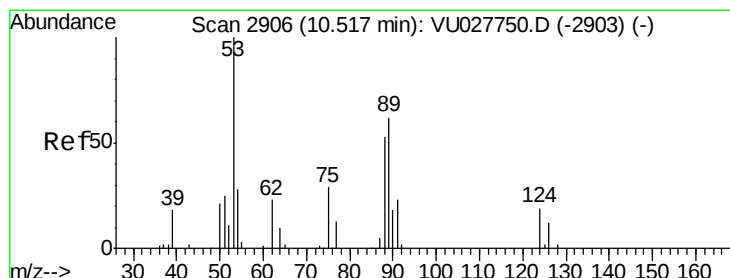
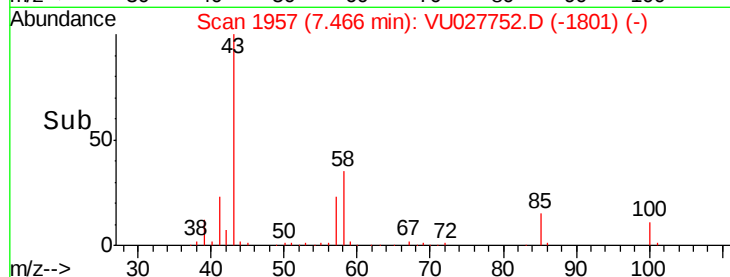
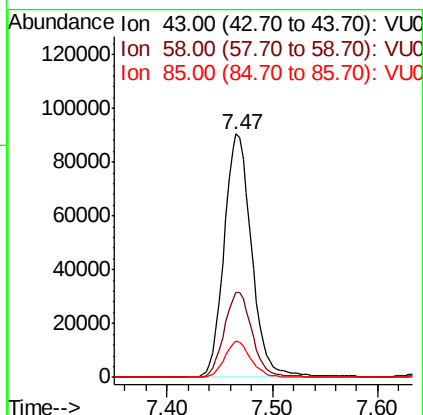
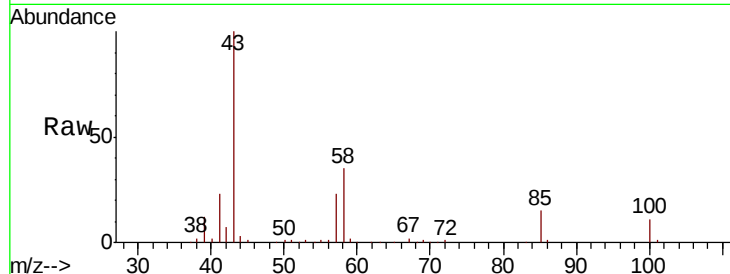
#45
4-Methyl-2-Pentanone
Concen: 51.179 ug/l
RT: 7.47 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.2	17.9	53.8
85	14.1	11.4	17.0

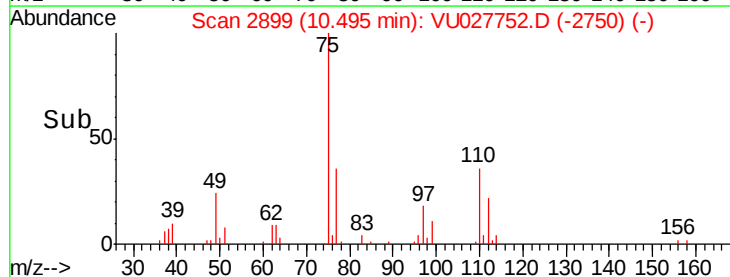
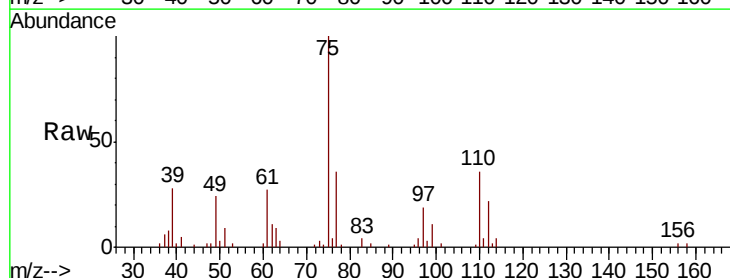
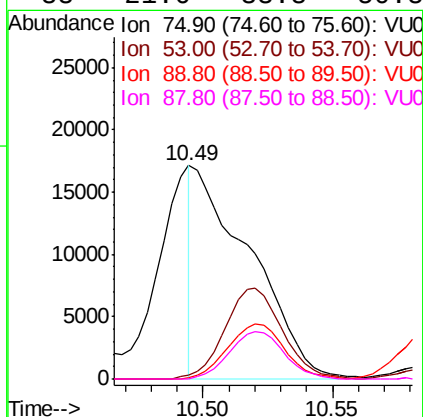
Manual Integrations
APPROVED

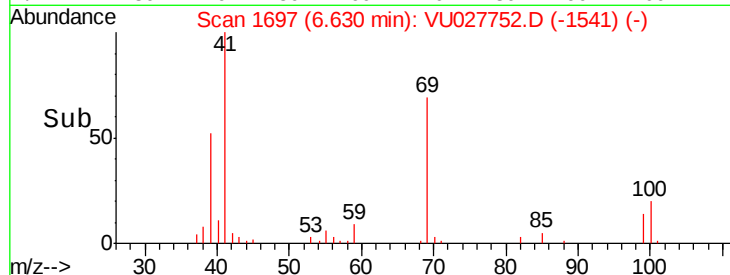
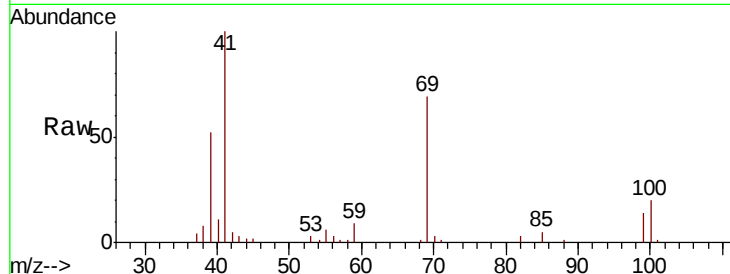
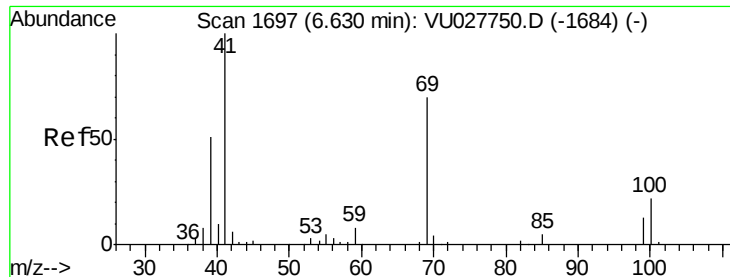
sam
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#46
t-1,4-Dichloro-2-butene
Concen: 22.495 ug/l m
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
53	43.2	68.2	102.4#
89	26.1	41.8	62.6#
88	21.6	33.8	50.8#





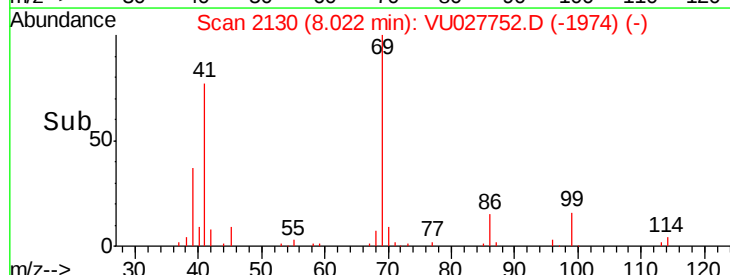
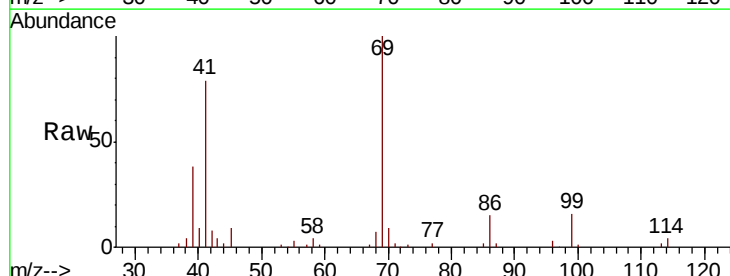
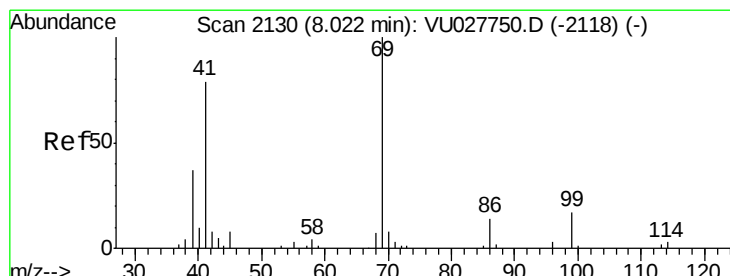
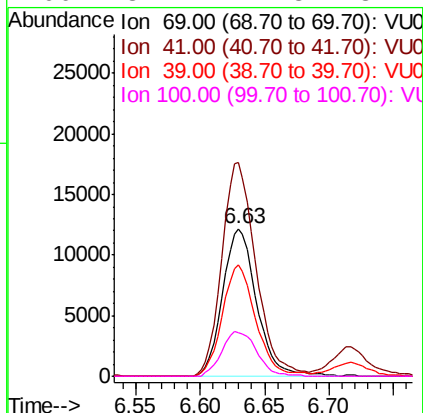
#47
Methyl methacrylate
Concen: 10.706 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tot Ion	Ratio	Lower	Upper
69	100		
41	144.9	0.0	281.2
39	74.6	58.6	88.0
100	31.1	24.8	37.2

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

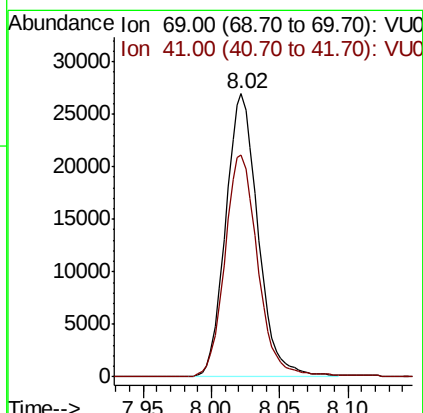
Manual Integrations
APPROVED

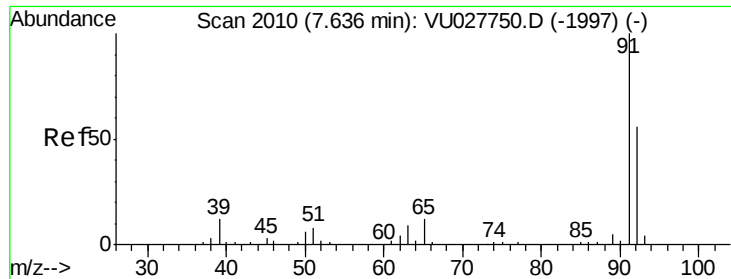
sam
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#48
Ethyl methacrylate
Concen: 10.300 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.5	39.1	117.2





#49

Toluene

Concen: 10.645 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion: 92 Resp: 97576

Ion Ratio Lower Upper

92 100

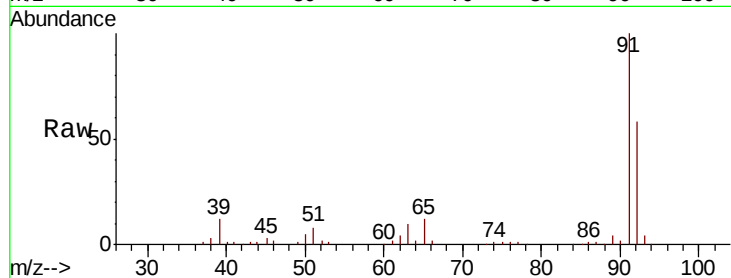
91 172.4 141.8 212.8

Manual Integrations

APPROVED

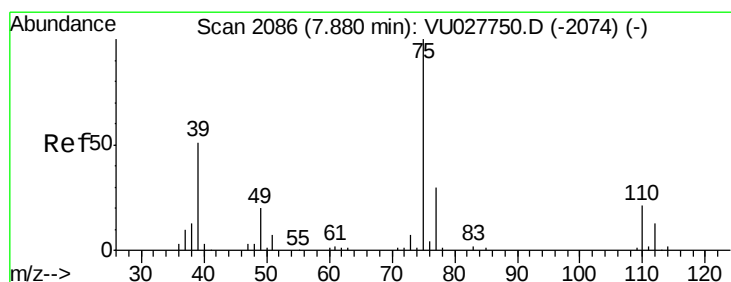
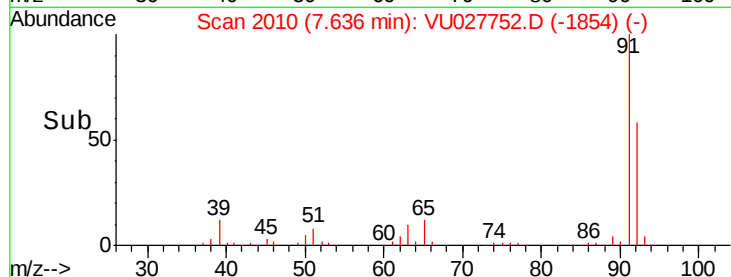
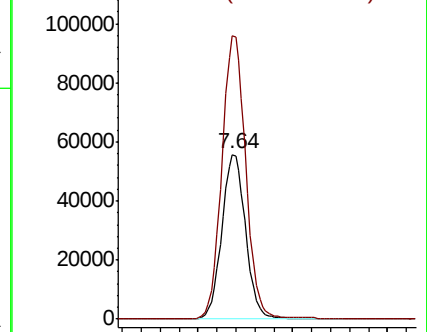
sam

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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 10.721 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027752.D

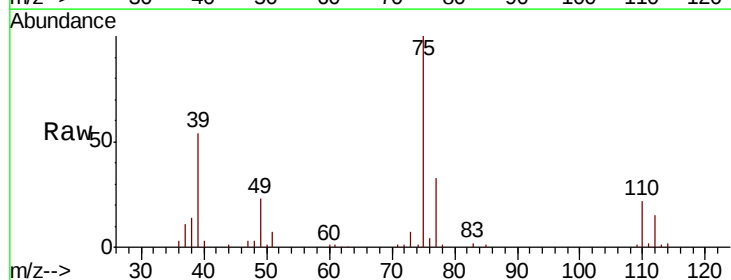
Acq: 22 Oct 2018 20:21

Tgt Ion: 75 Resp: 57206

Ion Ratio Lower Upper

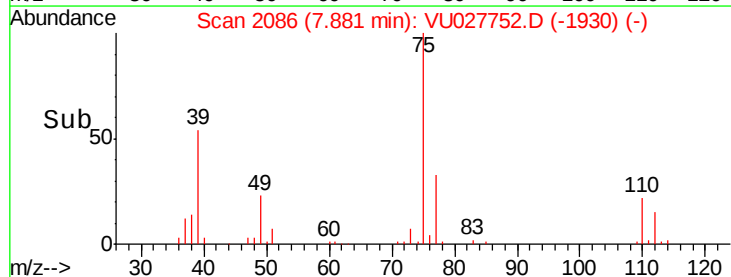
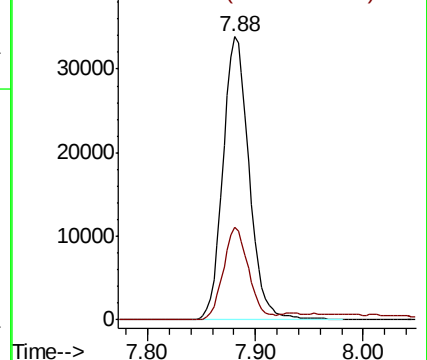
75 100

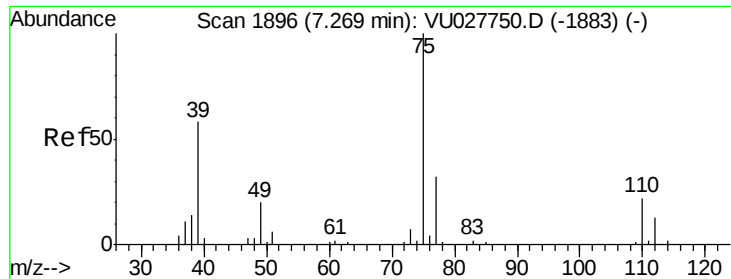
77 32.6 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





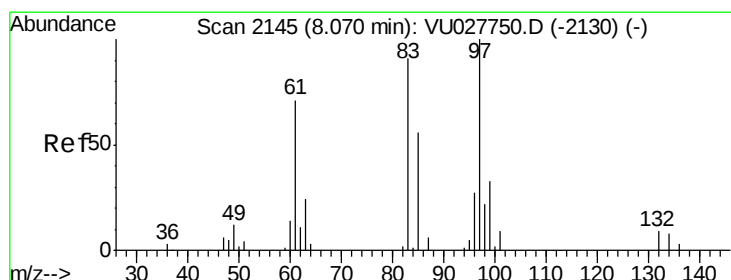
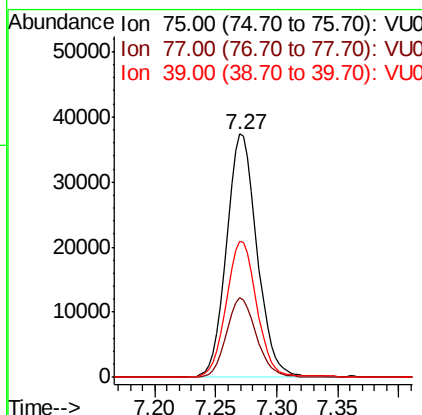
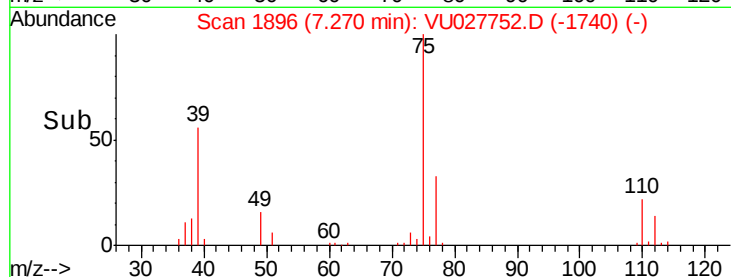
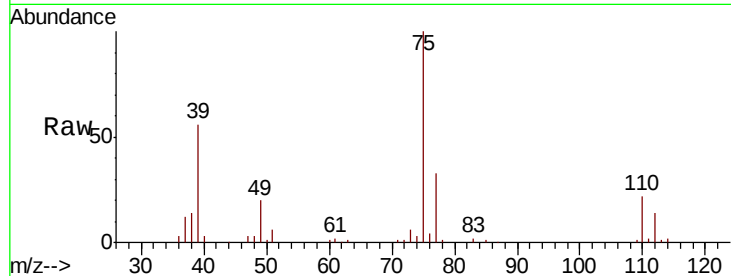
#51
 cis-1,3-Dichloropropene
 Concen: 10.443 ug/l
 RT: 7.27 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.3	37.9
39	55.8	46.4	69.6

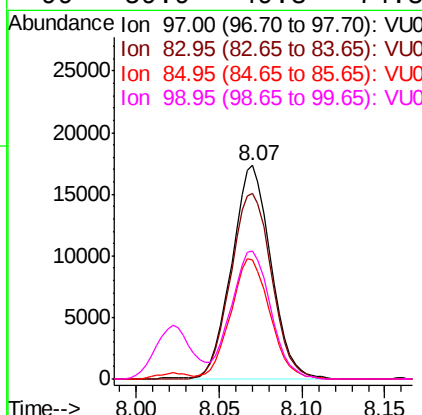
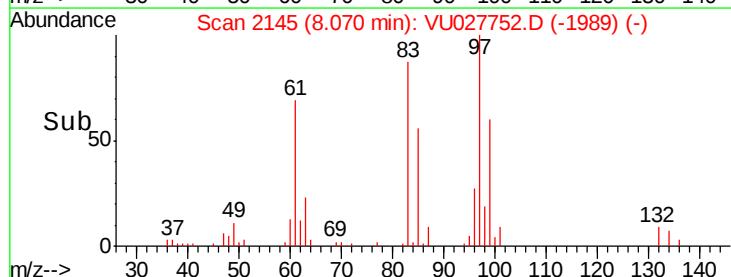
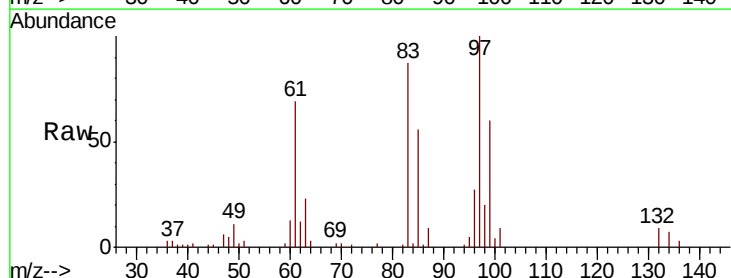
Manual Integrations
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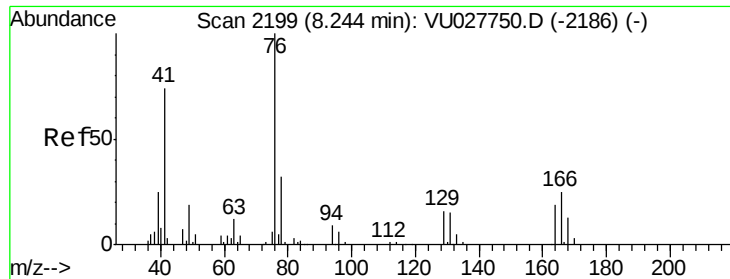
sam
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#52
 1,1,2-Trichloroethane
 Concen: 10.727 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	73.0	109.6
85	55.9	46.5	69.7
99	59.9	49.8	74.8





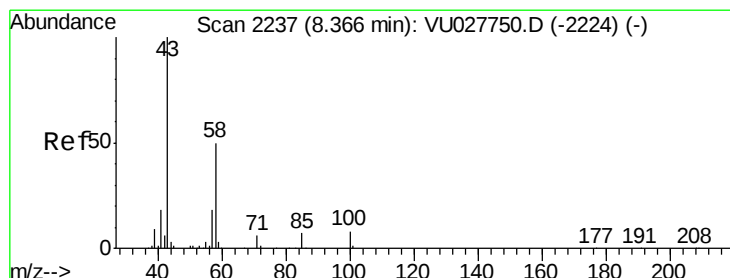
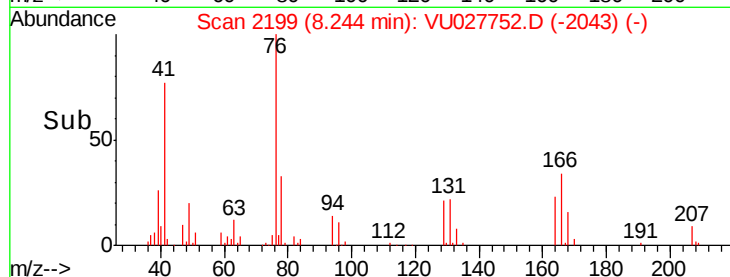
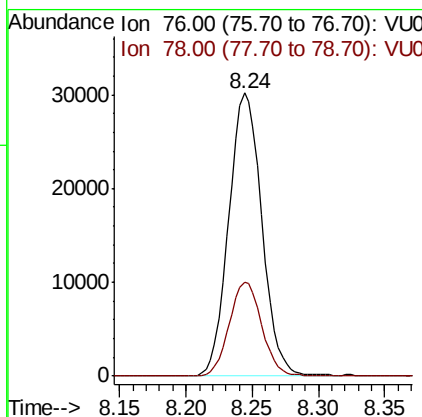
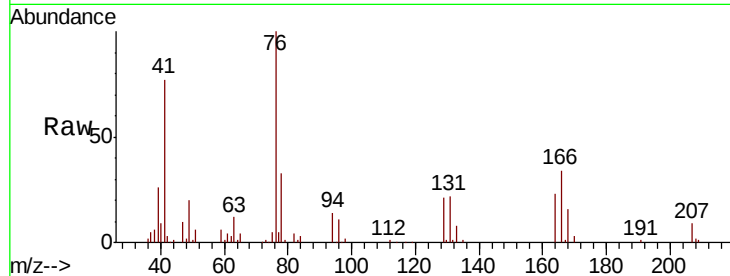
#53
 1,3-Dichloropropane
 Concen: 10.257 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.4	38.0

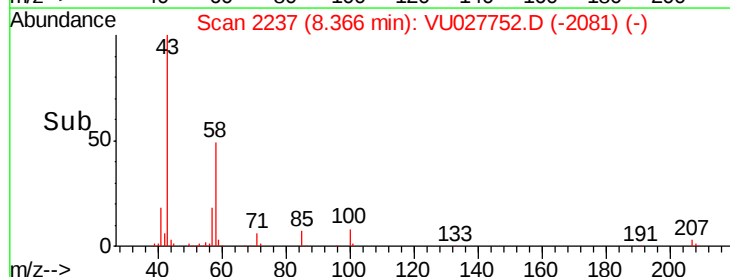
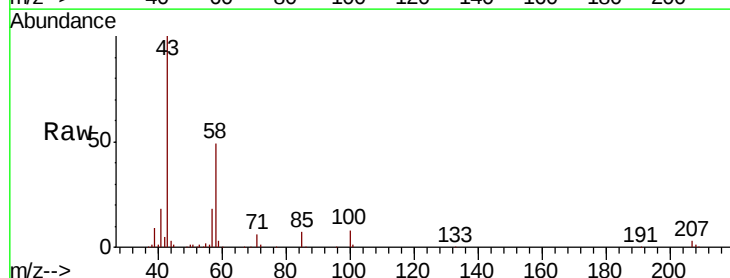
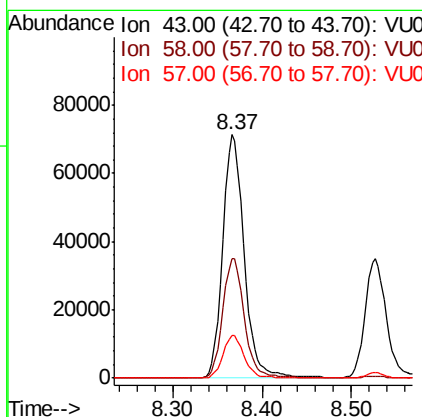
Manual Integrations
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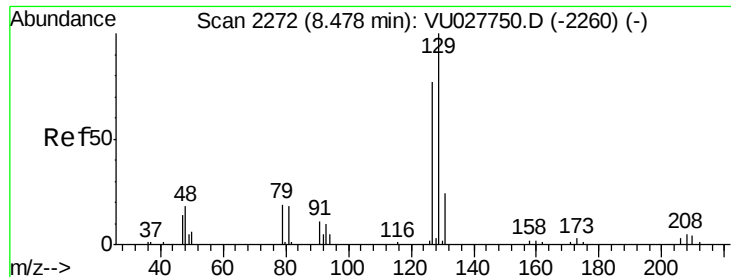
sam
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#54
 2-Hexanone
 Concen: 52.244 ug/l
 RT: 8.37 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.5	30.0	70.0
57	17.4	0.0	37.7





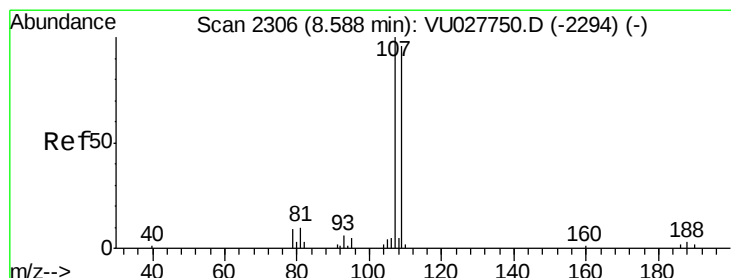
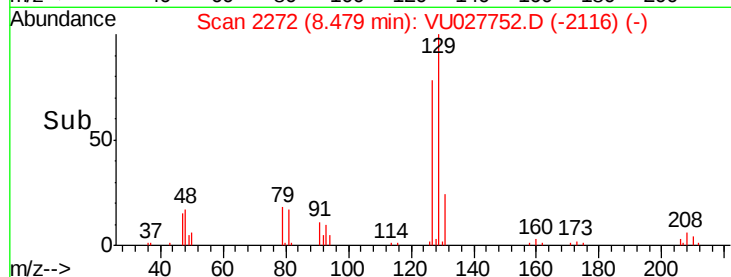
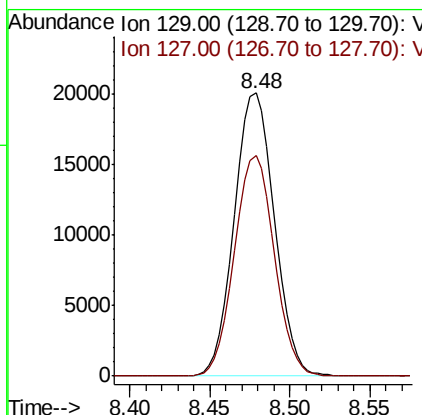
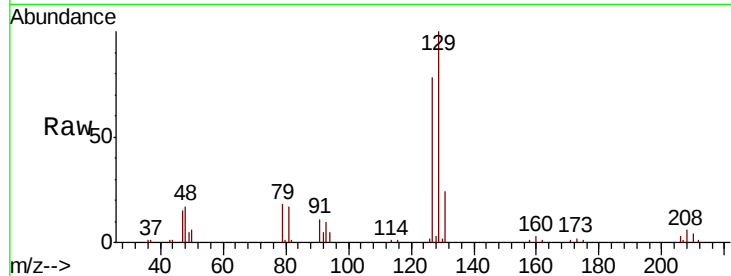
#55
 Dibromochloromethane
 Concen: 10.277 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion:129 Resp: 34417
 Ion Ratio Lower Upper
 129 100
 127 77.4 61.9 92.9

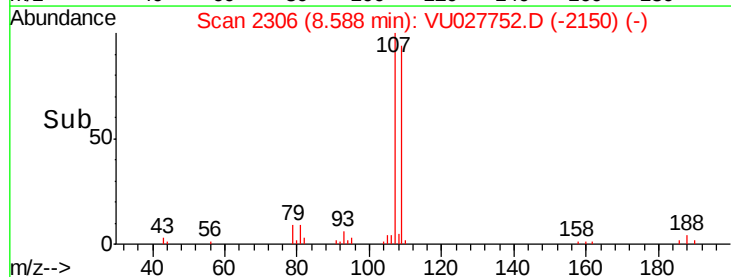
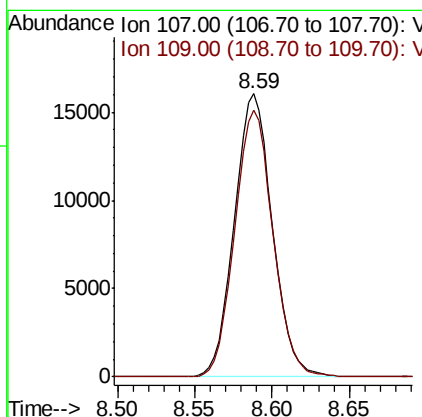
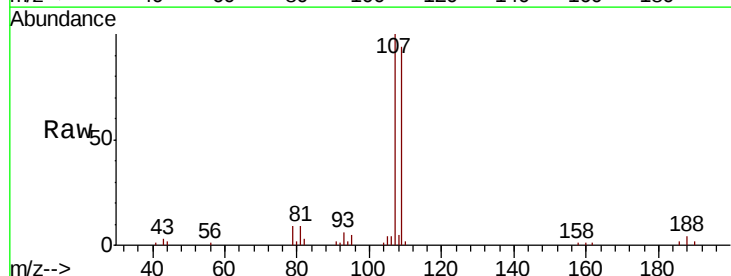
Manual Integrations
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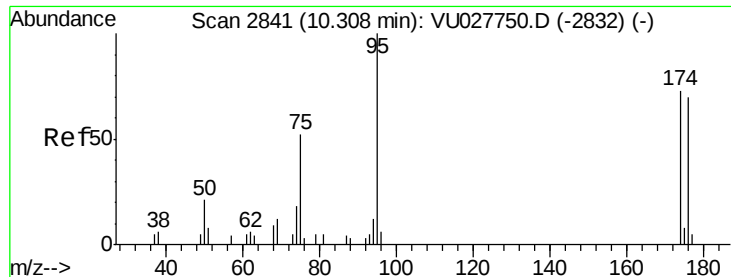
sam
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#56
 1,2-Dibromoethane
 Concen: 10.457 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion:107 Resp: 27350
 Ion Ratio Lower Upper
 107 100
 109 94.5 0.0 188.4





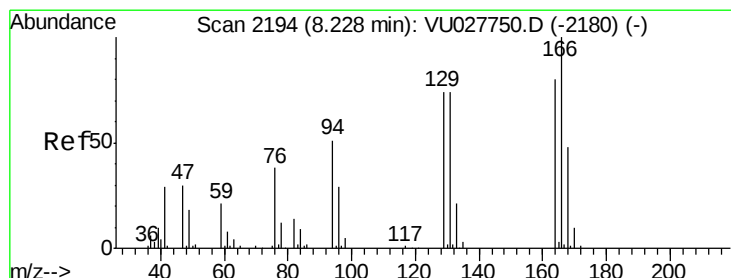
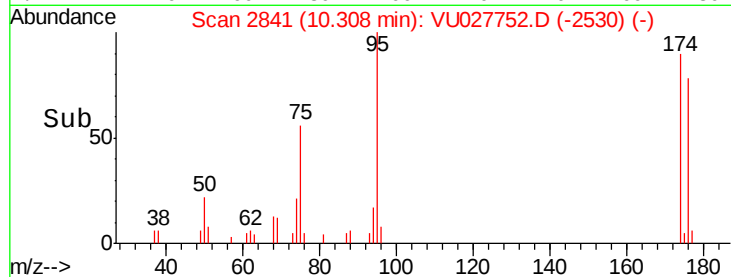
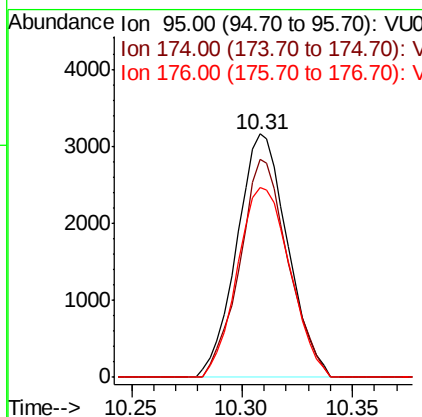
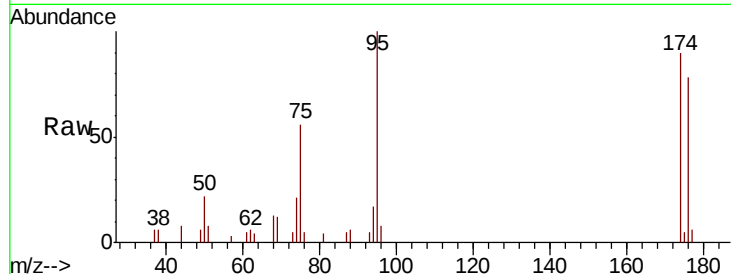
#57
4-Bromofluorobenzene
Concen: 10.457 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
95	100		
174	85.4	64.5	96.7
176	80.9	58.3	87.5

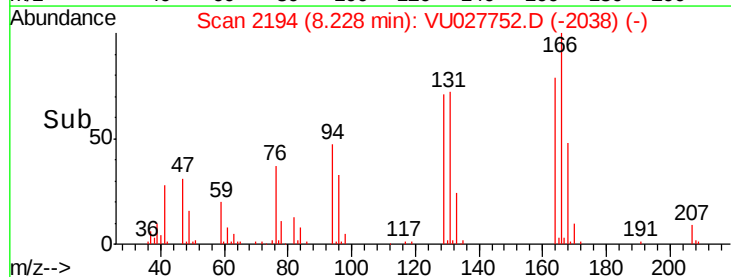
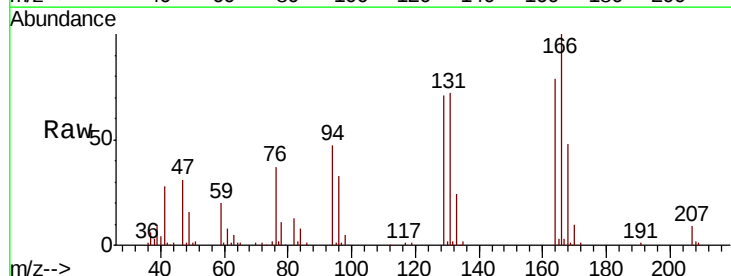
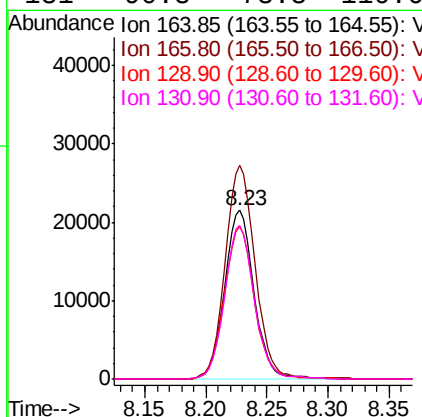
Manual Integrations
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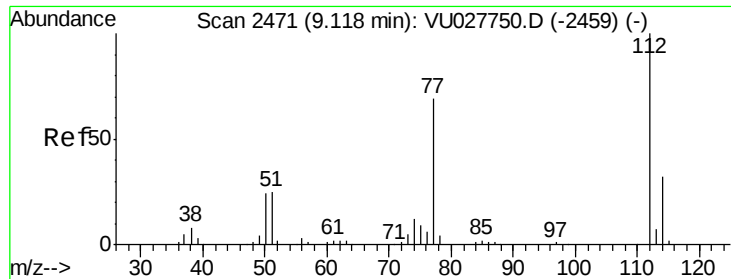
sam
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#58
Tetrachloroethene
Concen: 10.129 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.2	150.4
129	89.9	73.7	110.5
131	90.8	73.8	110.6





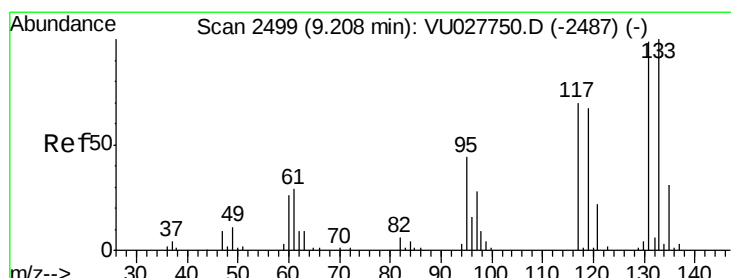
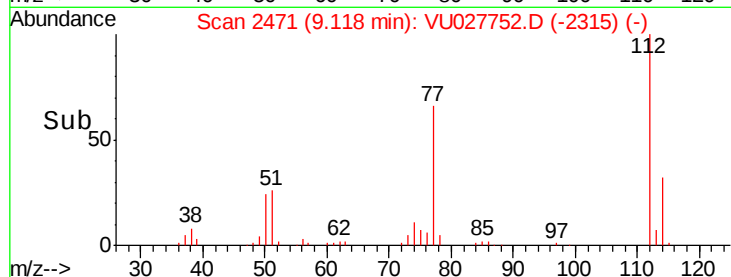
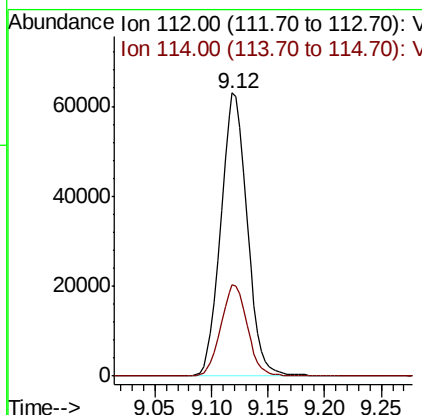
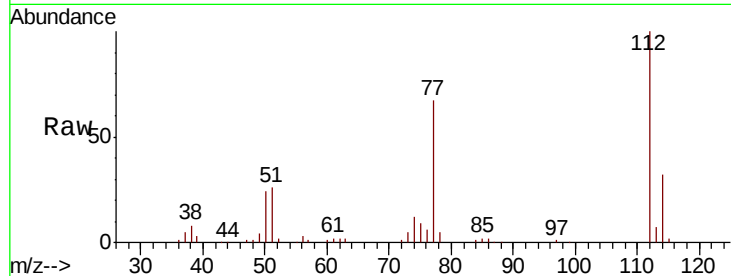
#59
Chlorobenzene
Concen: 10.417 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion:112 Resp: 102338
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

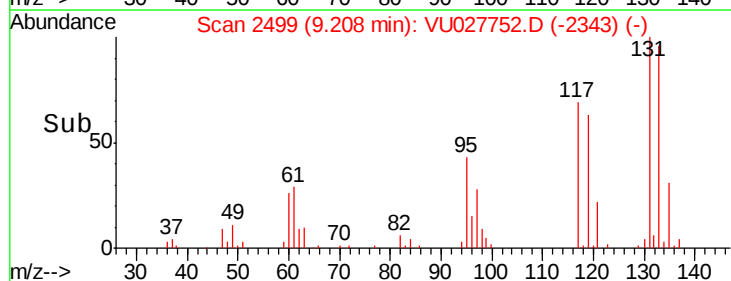
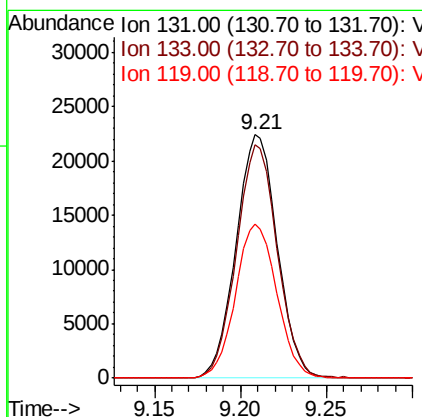
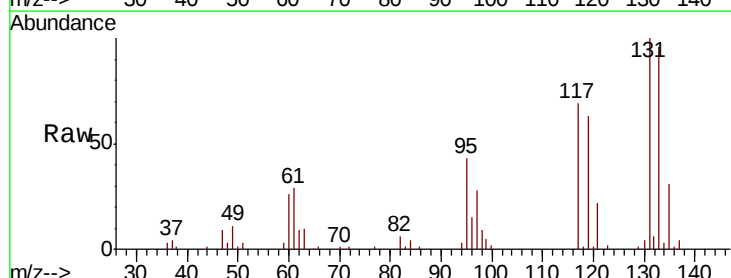
Manual Integrations
APPROVED

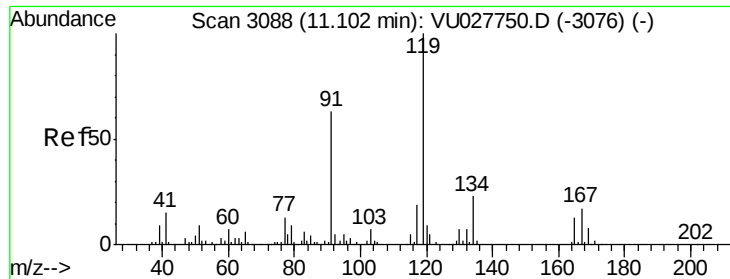
sam
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.436 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion:131 Resp: 37272
Ion Ratio Lower Upper
131 100
133 95.1 77.5 116.3
119 63.3 52.0 78.0





#61

Pentachloroethane

Concen: 11.160 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion:117 Resp: 29729

Ion Ratio Lower Upper

117 100

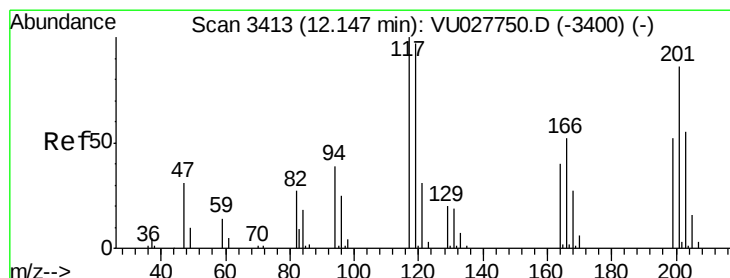
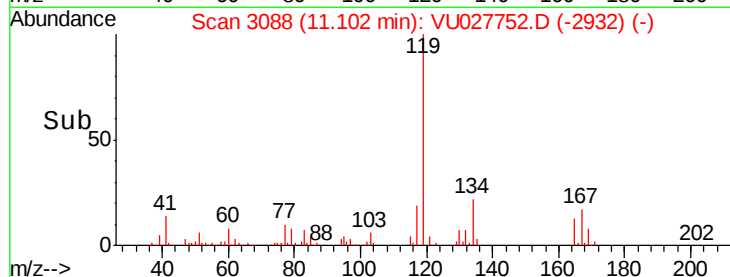
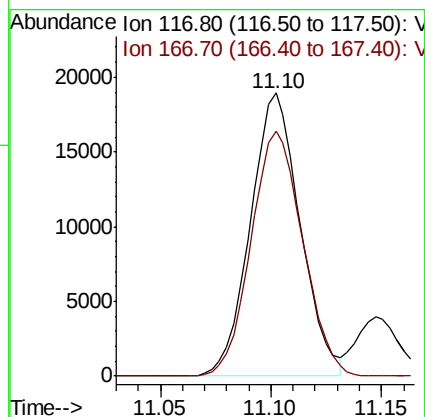
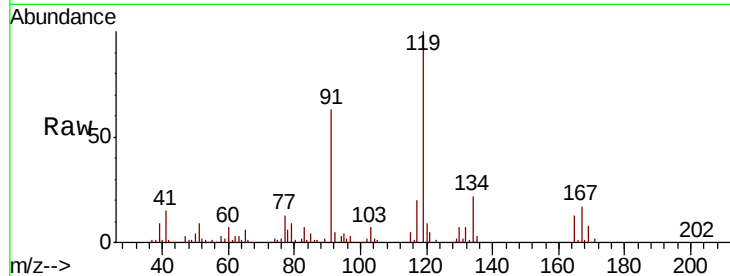
167 89.5 70.1 105.1

Manual Integrations

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#62

Hexachloroethane

Concen: 11.073 ug/l

RT: 12.15 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VU027752.D

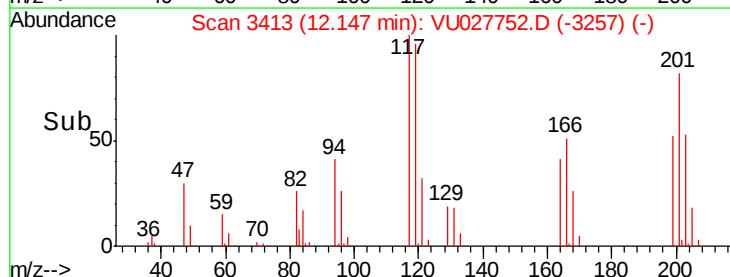
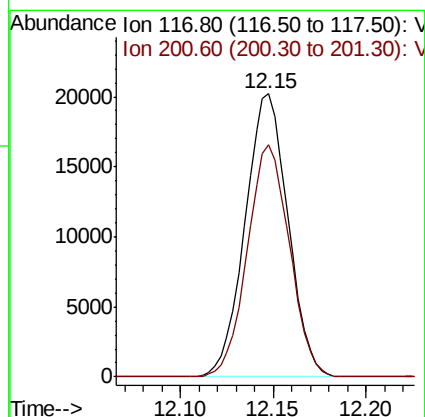
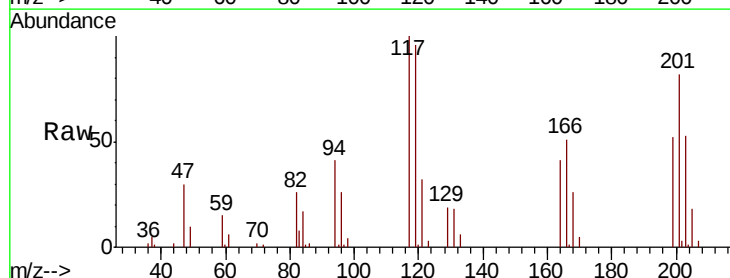
Acq: 22 Oct 2018 20:21

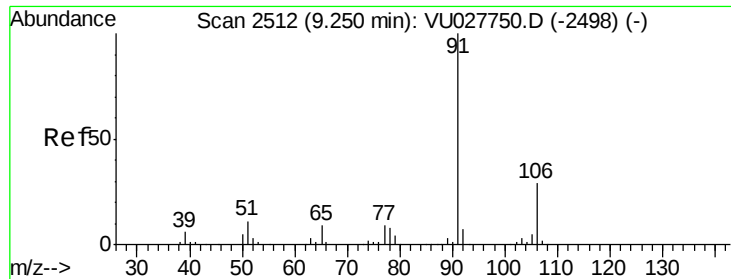
Tgt Ion:117 Resp: 32401

Ion Ratio Lower Upper

117 100

201 80.6 66.0 99.0





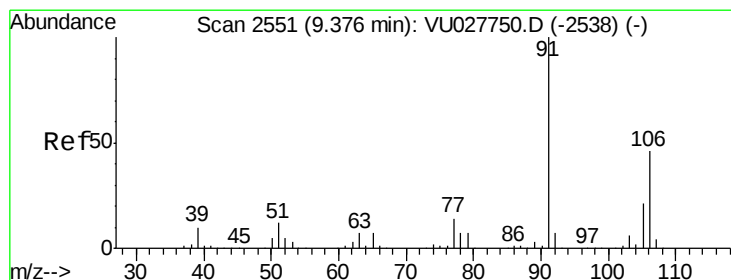
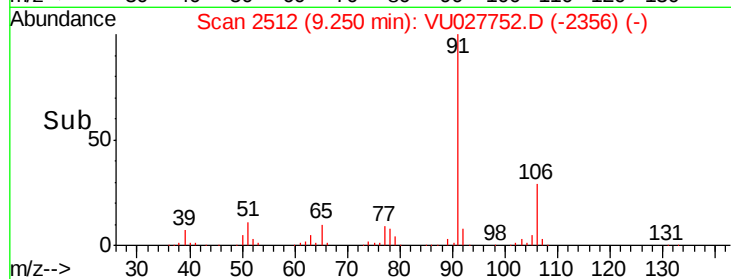
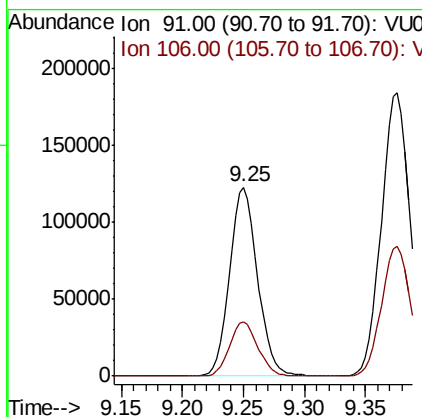
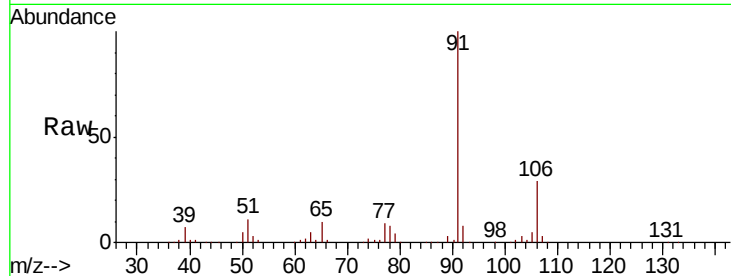
#63
Ethyl Benzene
Concen: 10.557 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion: 91 Resp: 196442
Ion Ratio Lower Upper
91 100
106 28.8 23.5 35.3

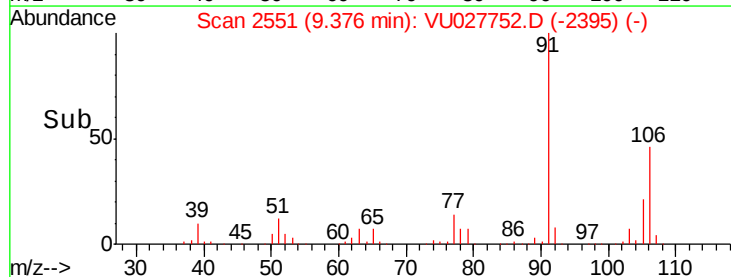
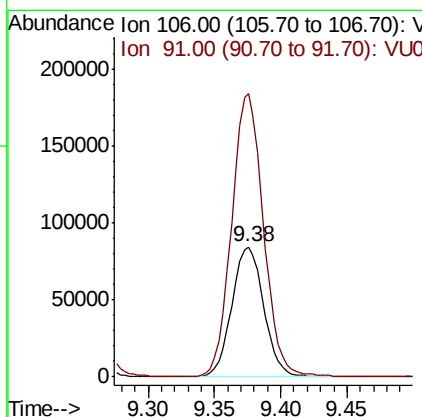
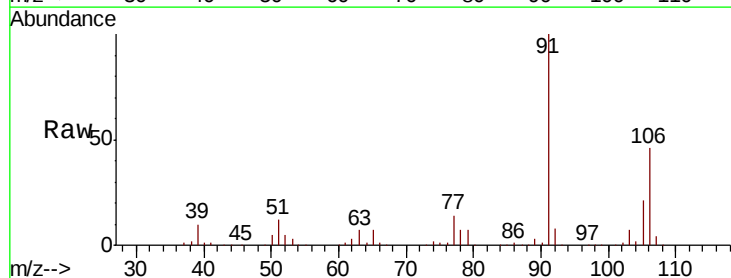
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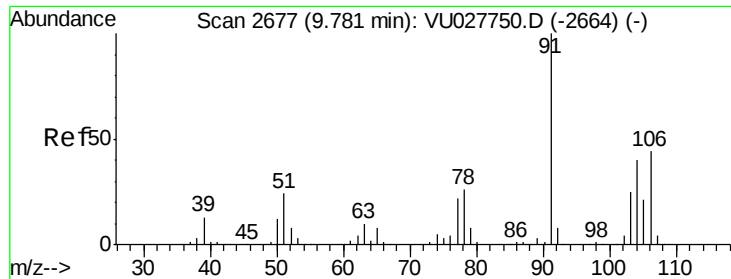
sam
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#64
m/p-Xylenes
Concen: 21.270 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion: 106 Resp: 141231
Ion Ratio Lower Upper
106 100
91 217.0 173.3 259.9





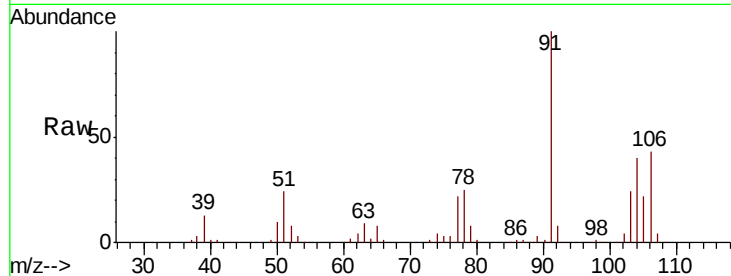
#65
o-Xylene
Concen: 10.402 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampled :
ICVVU102318

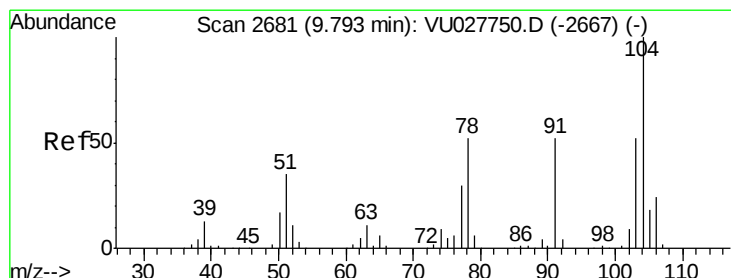
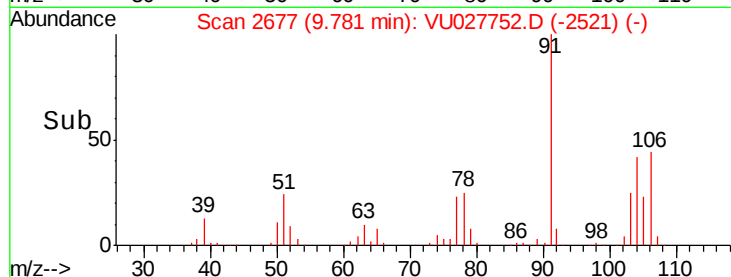
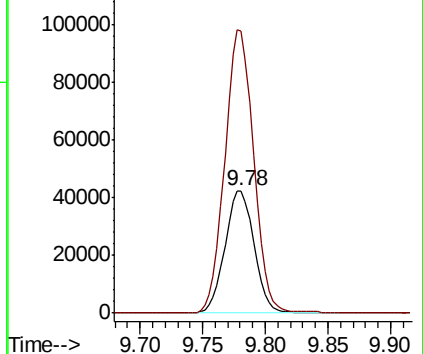
Tot Ion:106 Resp: 68484
Ion Ratio Lower Upper
106 100
91 229.1 113.4 340.2

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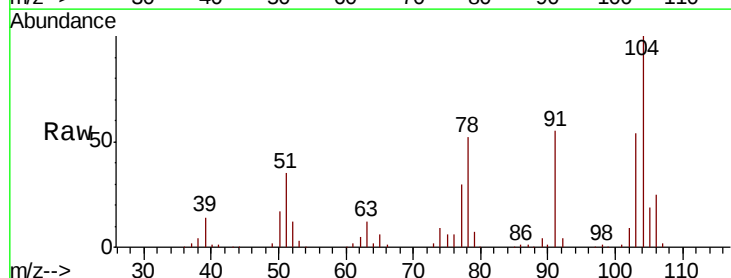


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

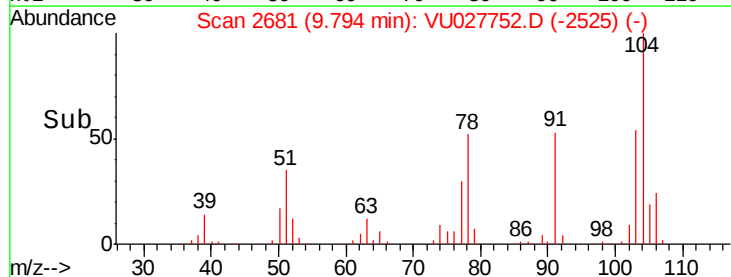
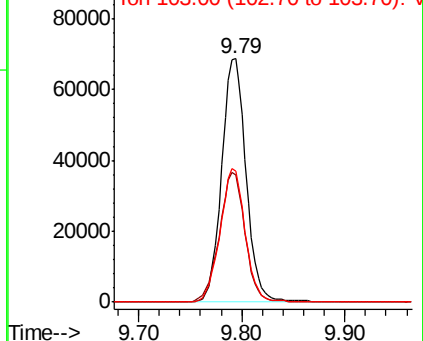


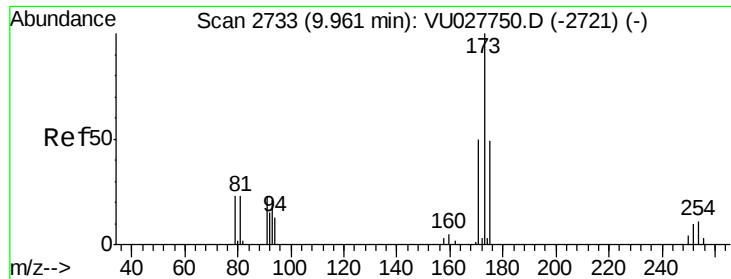
#66
Styrene
Concen: 10.429 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion:104 Resp: 113298
Ion Ratio Lower Upper
104 100
78 56.1 45.2 67.8
103 56.2 44.8 67.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





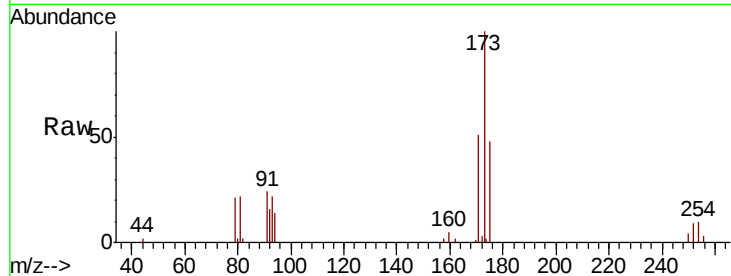
#67
Bromoform
Concen: 10.952 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

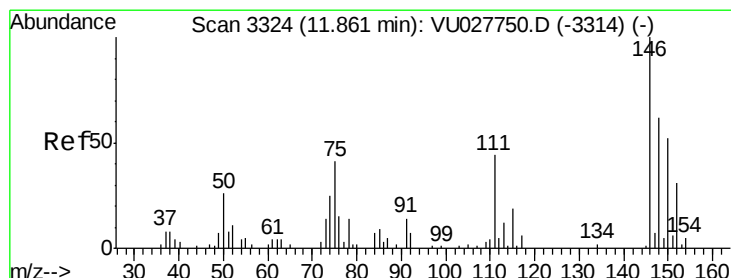
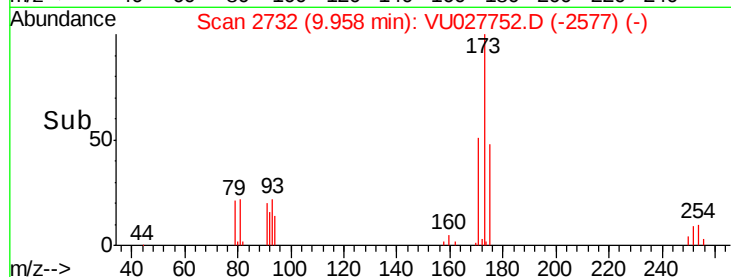
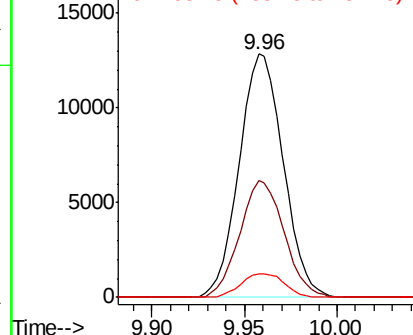
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.6	59.4
254	9.5	7.8	11.6

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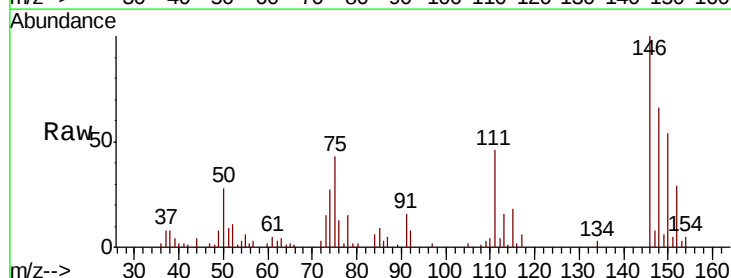


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

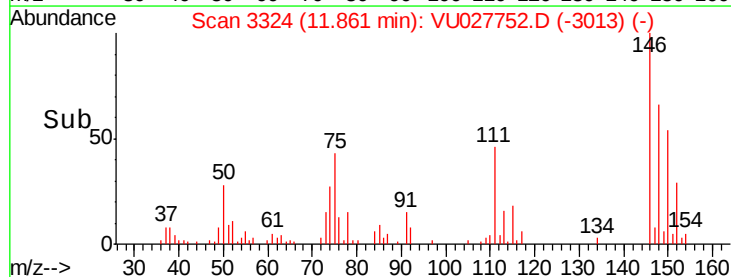
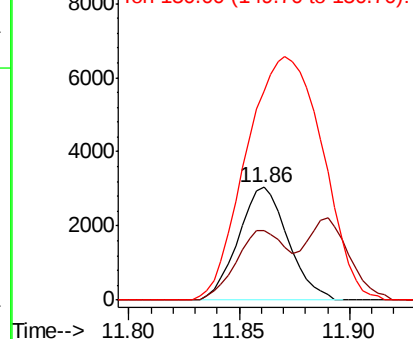


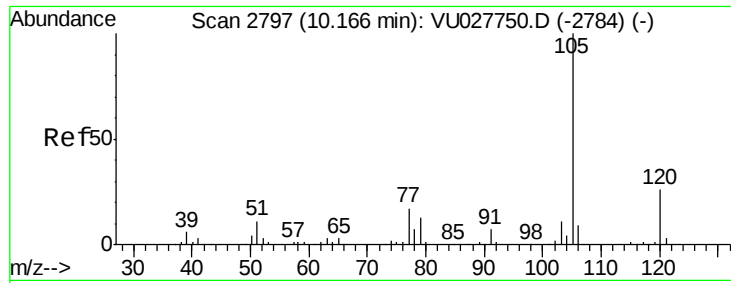
#68
1,2-Dichlorobenzene-d4
Concen: 10.952 ug/l
RT: 11.86 min Scan# 3324
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	0.0	130.2
150	331.5	0.0	650.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





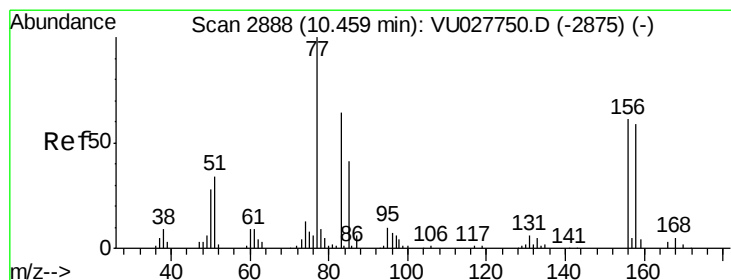
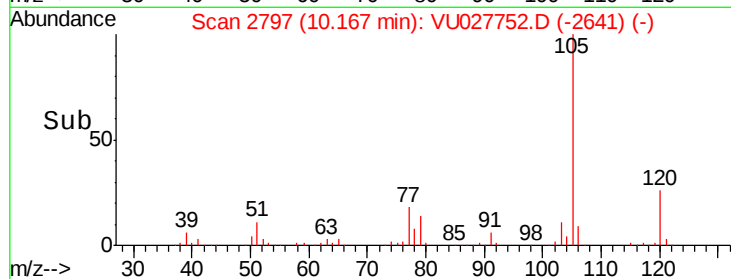
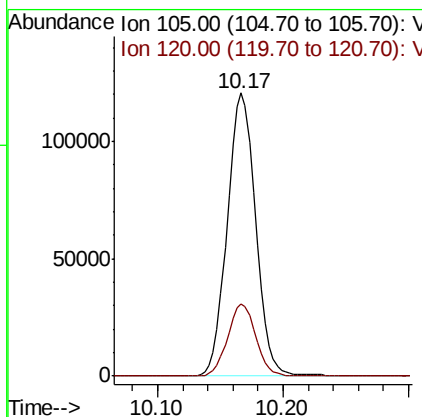
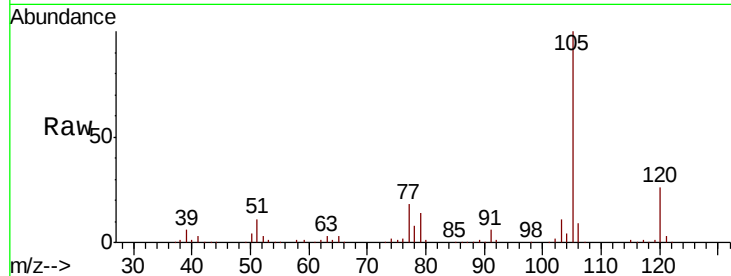
#69
Isopropylbenzene
Concen: 10.528 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.3

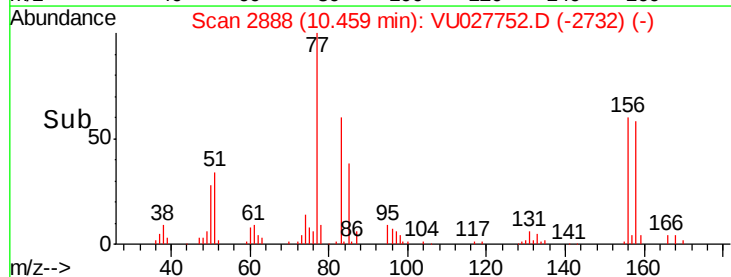
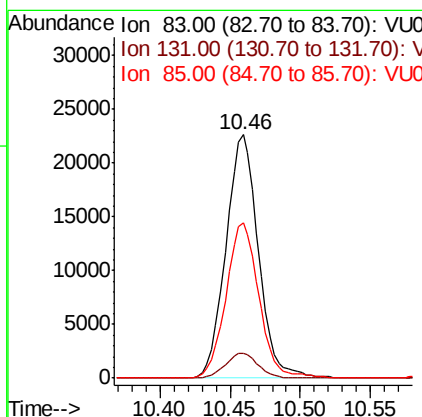
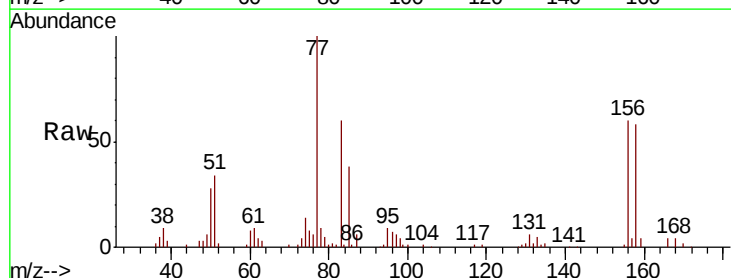
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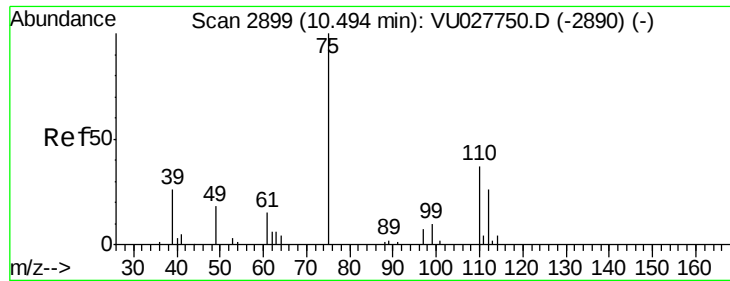
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#70
1,1,2,2-Tetrachloroethane
Concen: 10.274 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	7.7	11.5
85	64.6	51.2	76.8





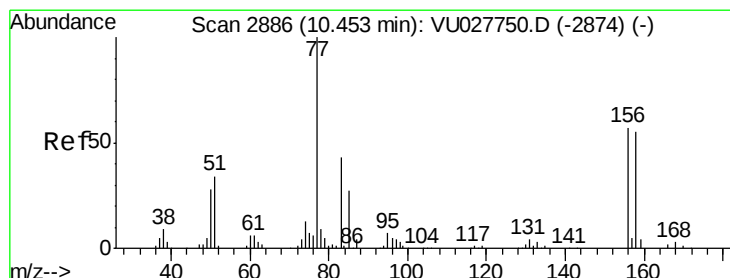
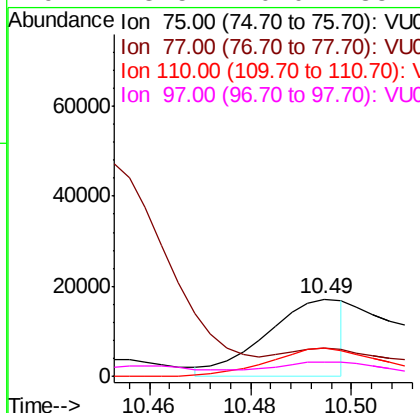
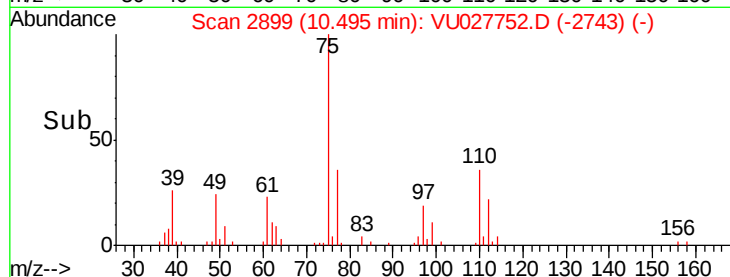
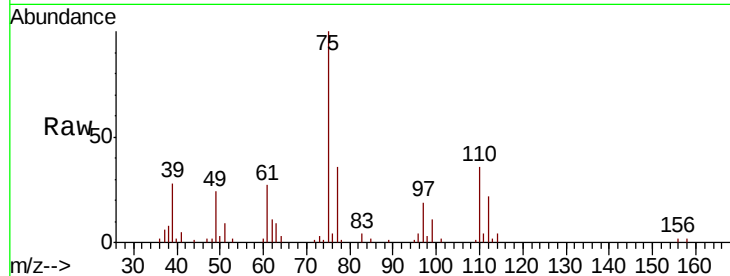
#71
 1,2,3-Trichloropropane
 Concen: 6.621 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion:	75	Resp:	18219
Ion Ratio	Lower	Upper	
75	100		
77	66.0	0.0	0.0#
110	52.4	0.0	68.2
97	28.5	0.0	35.2

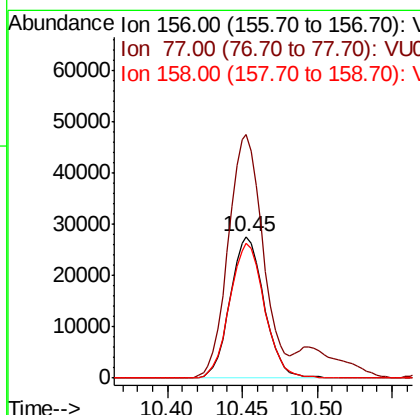
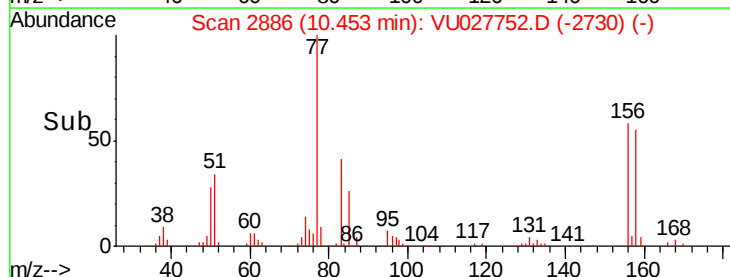
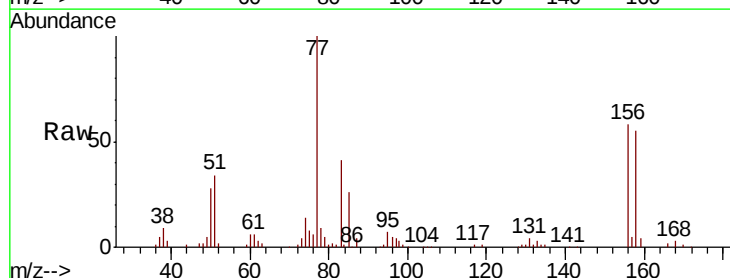
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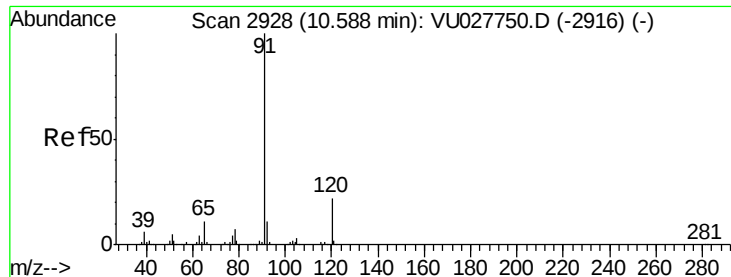
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#72
 Bromobenzene
 Concen: 10.866 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion:	156	Resp:	43638
Ion Ratio	Lower	Upper	
156	100		
77	176.4	0.0	349.4
158	97.0	0.0	191.4





#73

n-propylbenzene

Concen: 10.644 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion:120 Resp: 49477

Ion Ratio Lower Upper

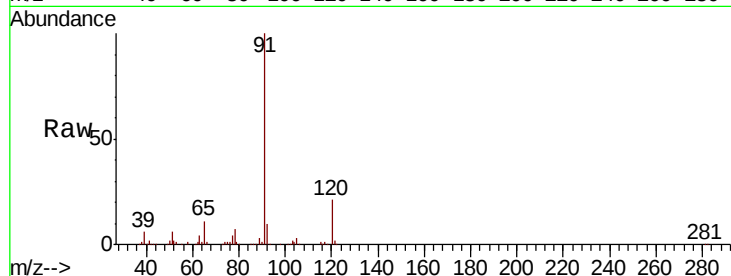
120 100

91 476.8 369.0 553.6

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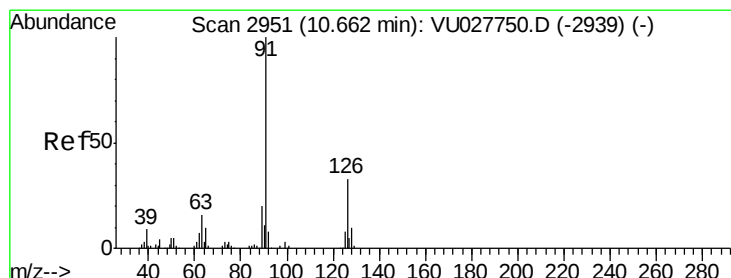
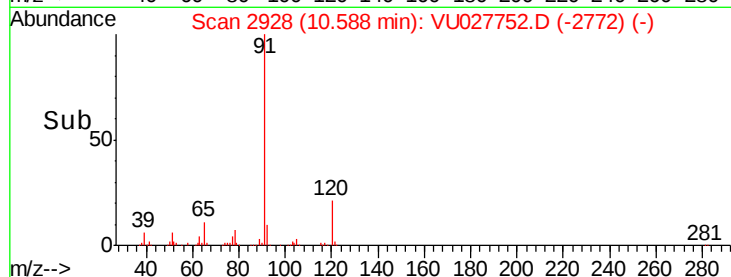
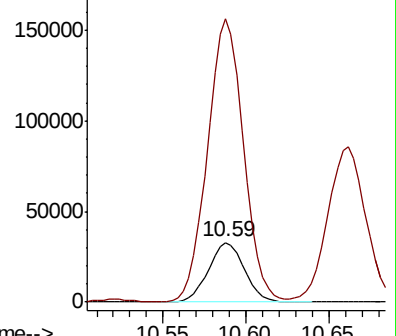
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.564 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027752.D

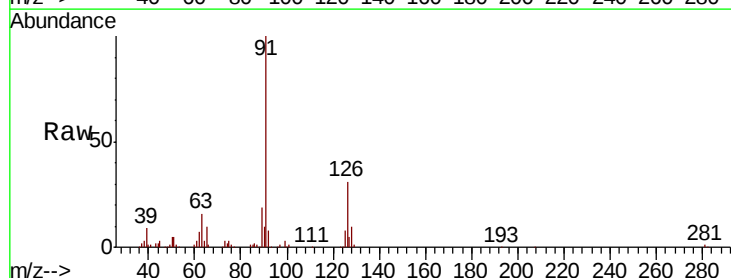
Acq: 22 Oct 2018 20:21

Tgt Ion:126 Resp: 42053

Ion Ratio Lower Upper

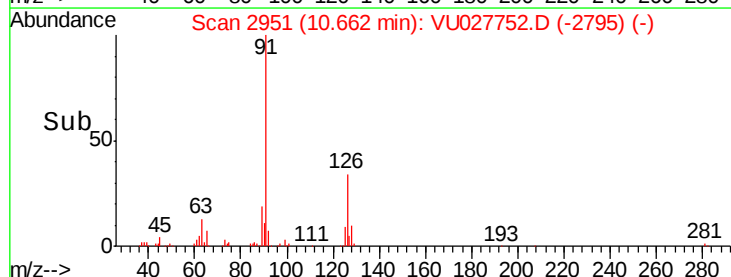
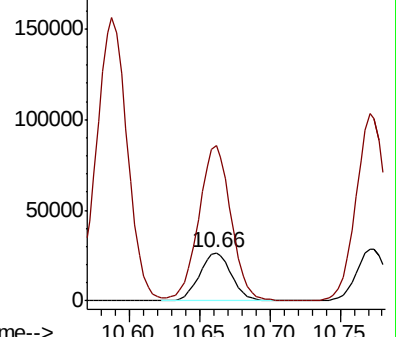
126 100

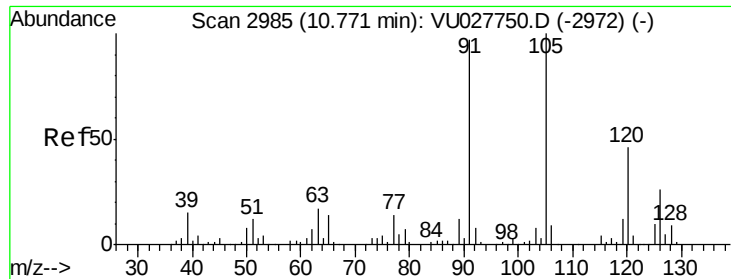
91 325.6 0.0 628.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.752 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102318

Tot Ion:105 Resp: 161701

Ion Ratio Lower Upper

105 100

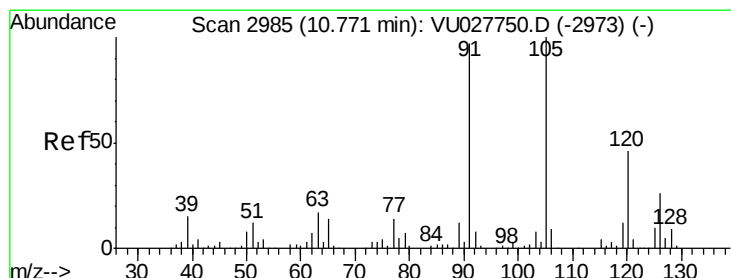
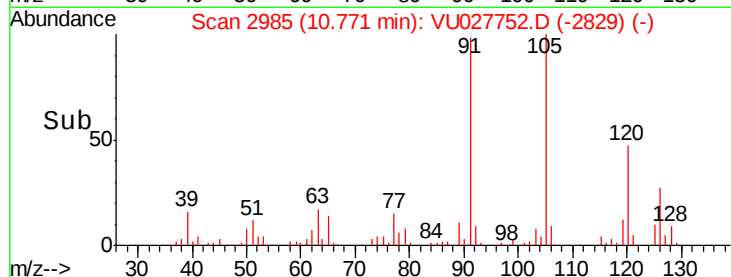
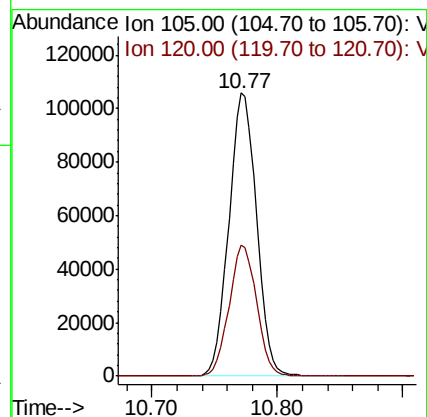
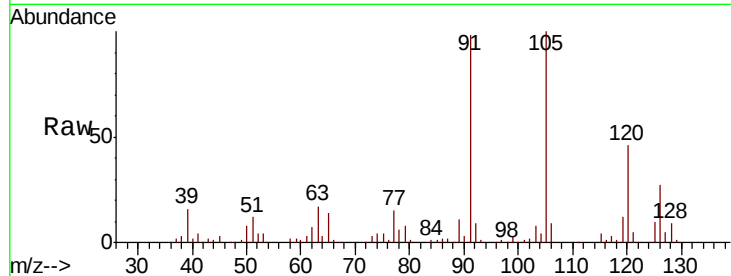
120 46.0 37.2 55.8

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#76

4-Chlorotoluene

Concen: 10.834 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027752.D

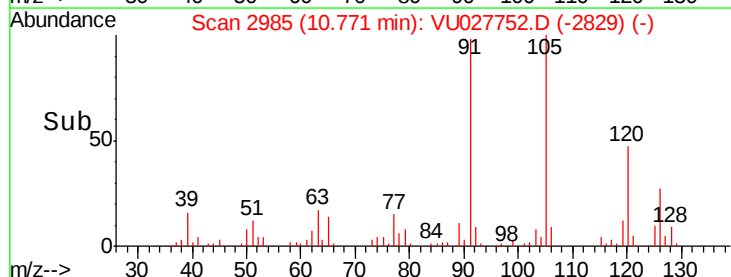
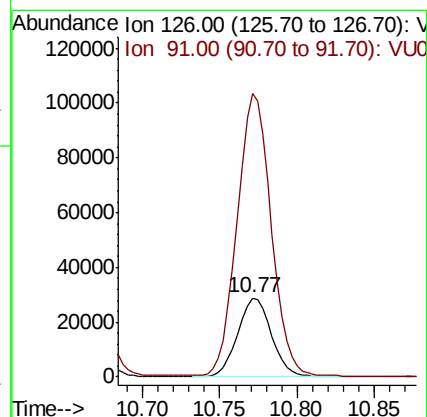
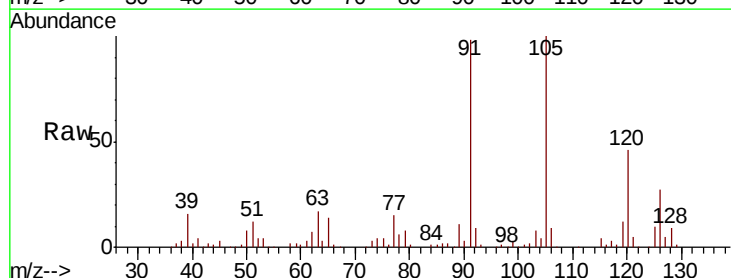
Acq: 22 Oct 2018 20:21

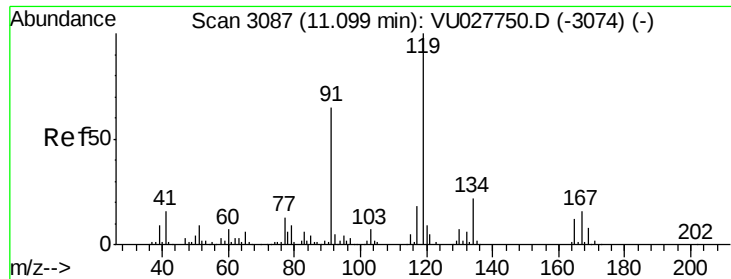
Tgt Ion:126 Resp: 43703

Ion Ratio Lower Upper

126 100

91 364.3 0.0 734.4





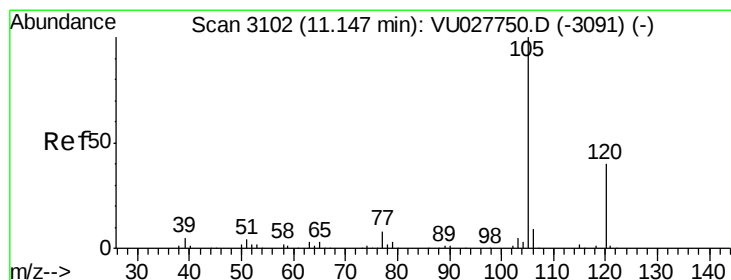
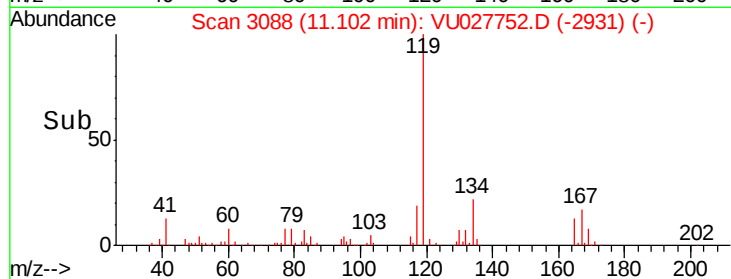
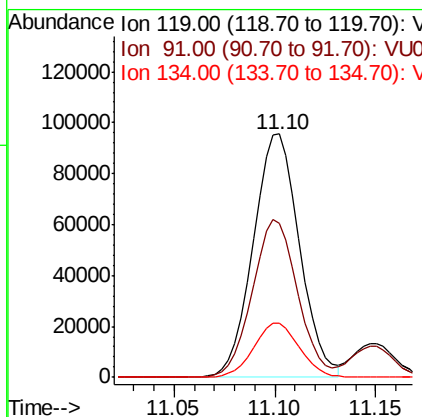
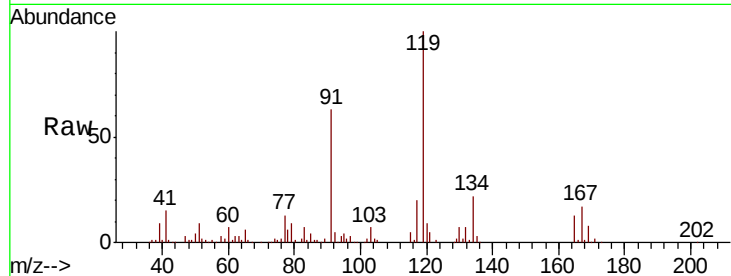
#77
tert-Butylbenzene
Concen: 10.380 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102318

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153553		
91	63.2	31.8	95.4	
134	21.9	17.7	26.5	

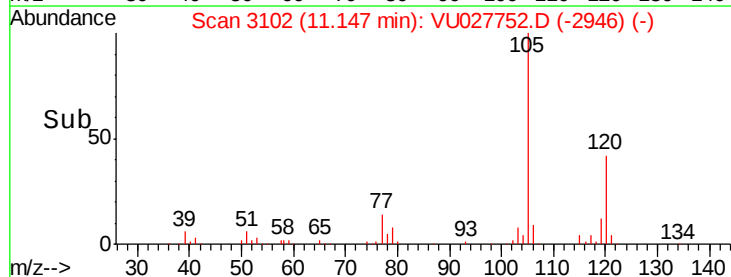
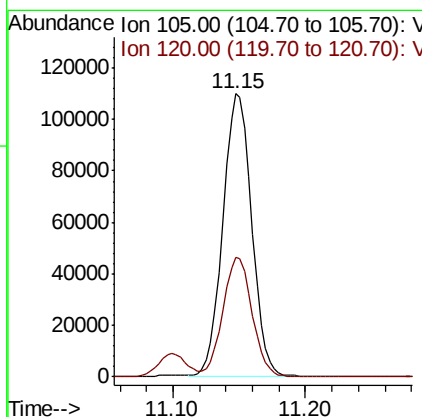
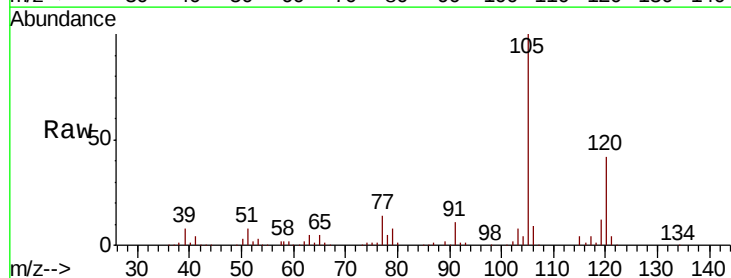
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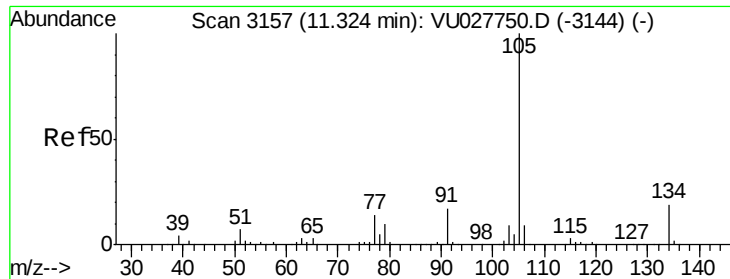
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#78
1,2,4-Trimethylbenzene
Concen: 10.780 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU027752.D
Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166559		
120	42.7	21.6	64.6	





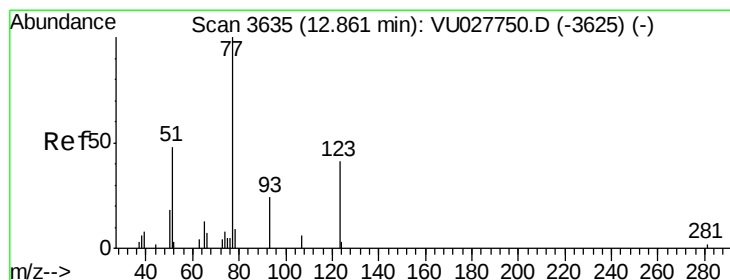
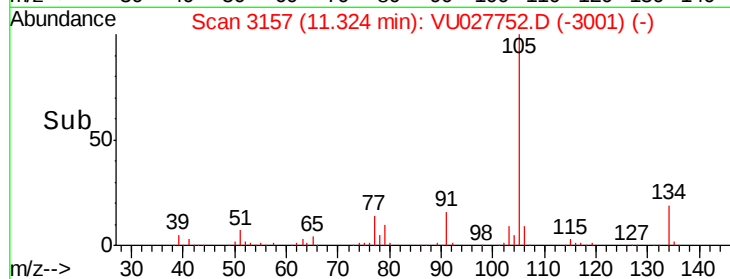
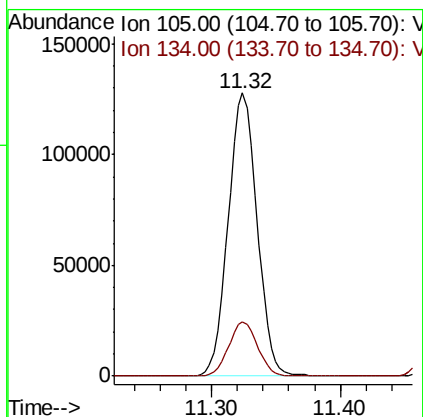
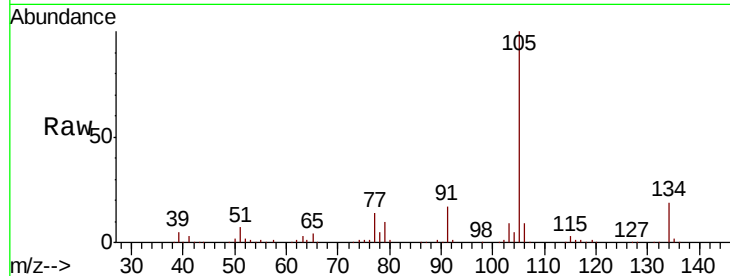
#79
 sec-Butylbenzene
 Concen: 10.143 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	15.2	22.8

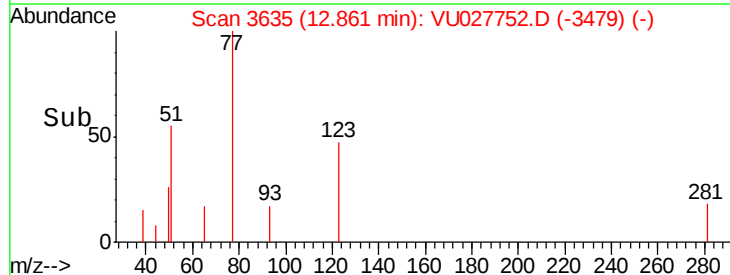
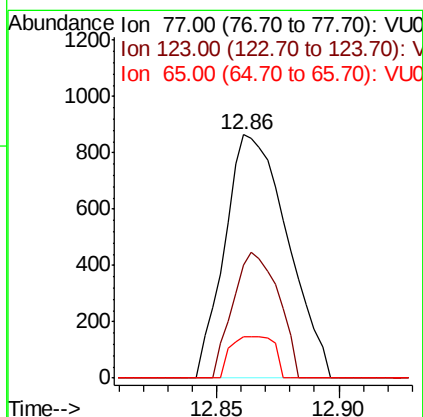
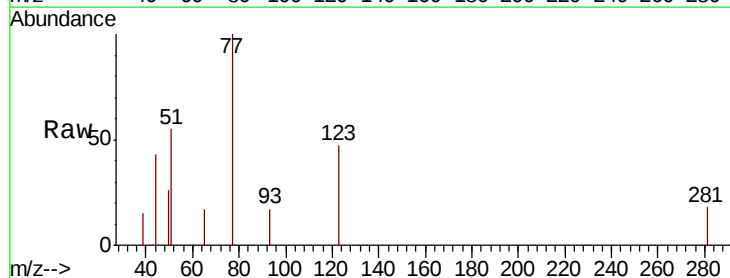
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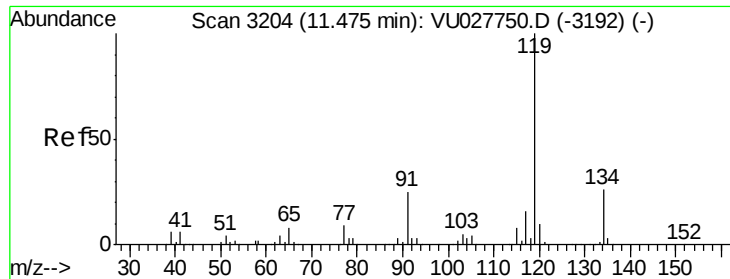
sam
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#80
 Nitrobenzene
 Concen: 11.782 ug/l
 RT: 12.86 min Scan# 3635
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	16.9	59.9
65	0.0	13.1	16.7#





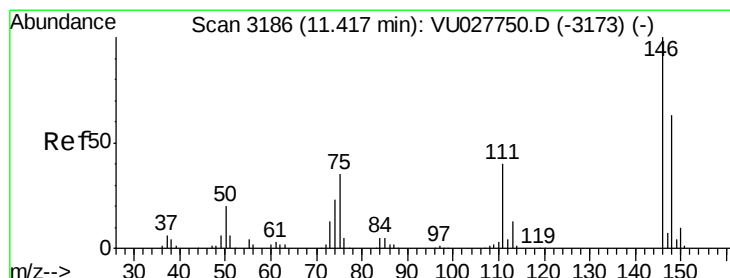
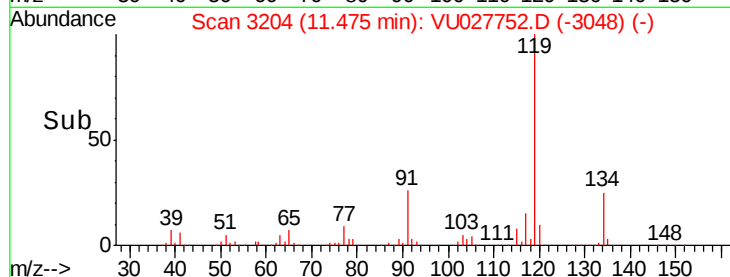
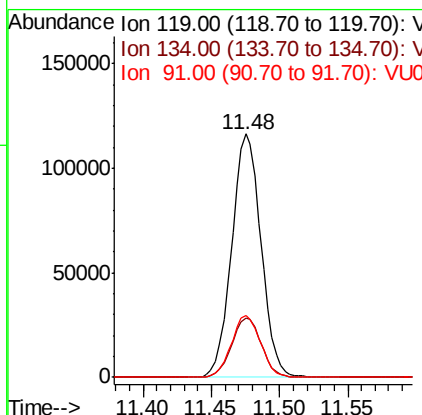
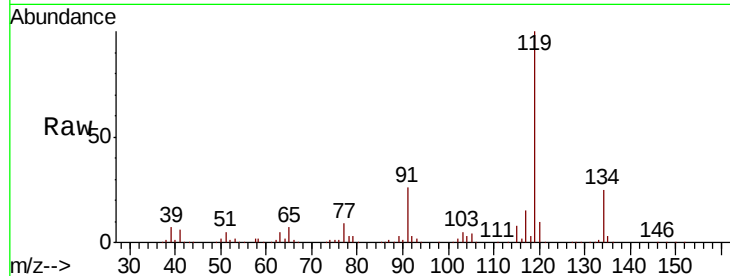
#81
 p-Isopropyltoluene
 Concen: 10.843 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.3	30.5
91	25.4	20.2	30.4

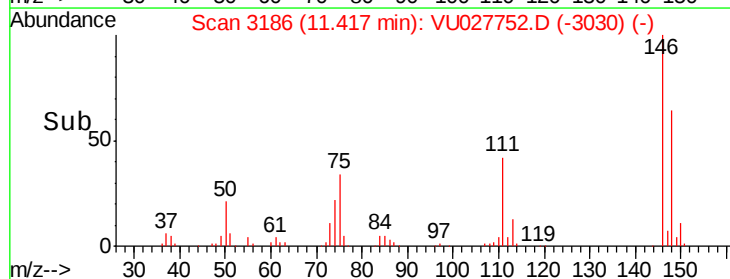
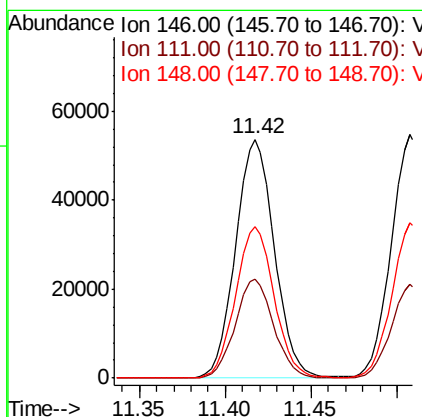
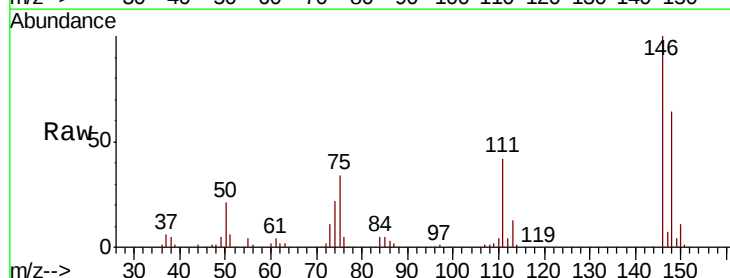
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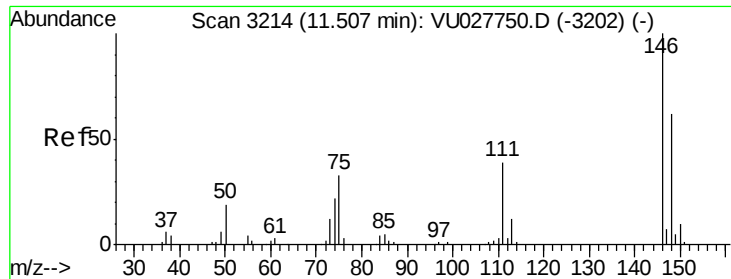
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#82
 1,3-Dichlorobenzene
 Concen: 10.582 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.7	49.1
148	63.1	50.6	75.8





#83

1,4-Dichlorobenzene

Concen: 10.731 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

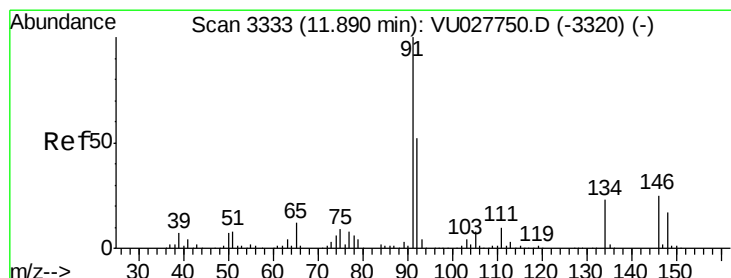
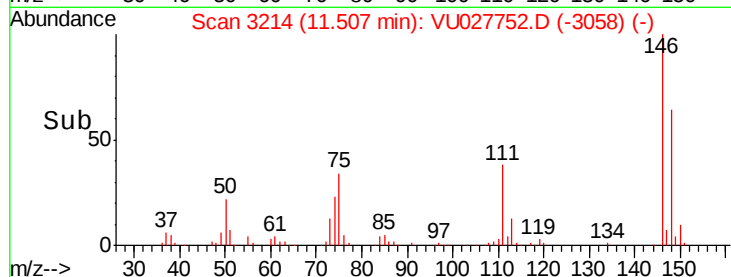
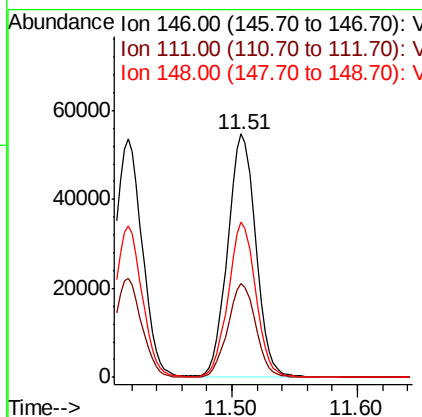
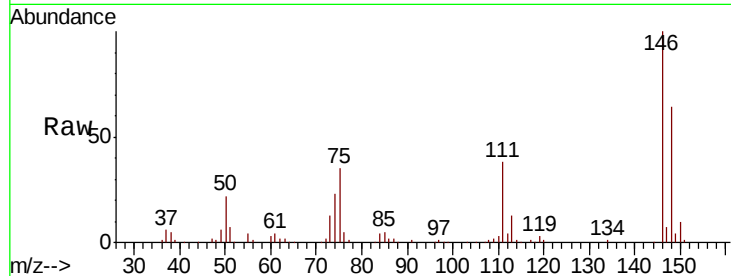
ClientSampleId :

ICVVU102318

Tot Ion:	146	Resp:	85437
Ion Ratio	Lower	Upper	
146	100		
111	38.0	32.0	48.0
148	62.6	50.9	76.3

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#84

n-Butylbenzene

Concen: 11.201 ug/l

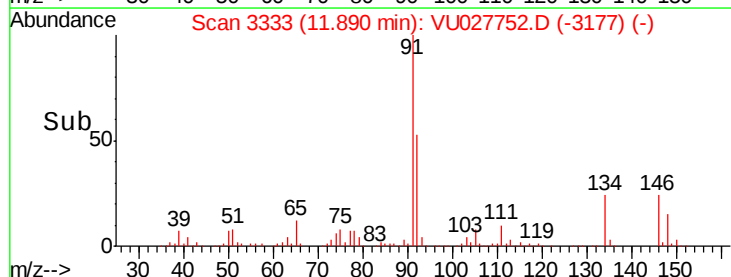
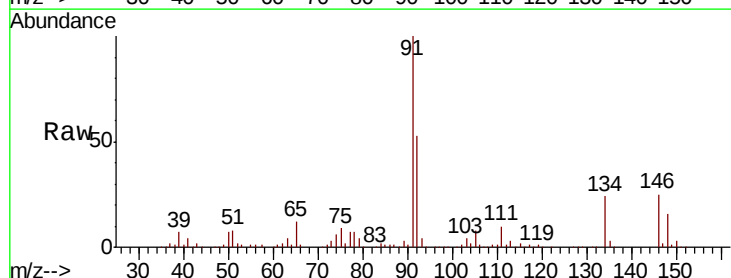
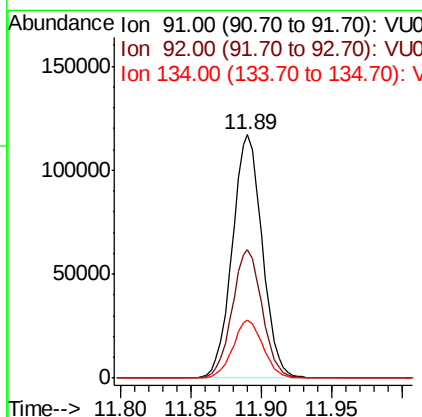
RT: 11.89 min Scan# 3333

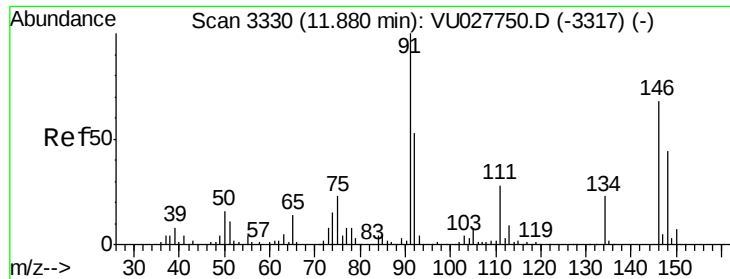
Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion:	91	Resp:	174215
Ion Ratio	Lower	Upper	
91	100		
92	52.8	42.1	63.1
134	23.7	18.6	28.0





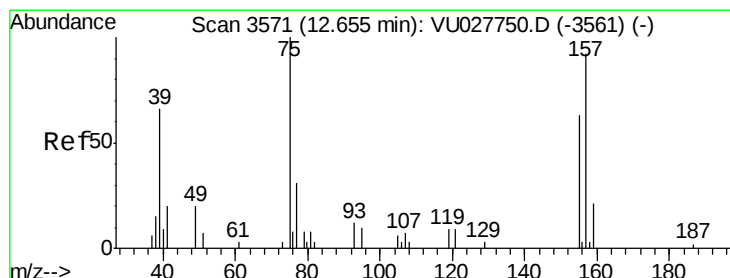
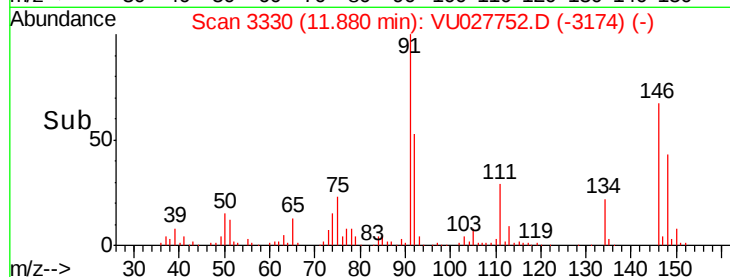
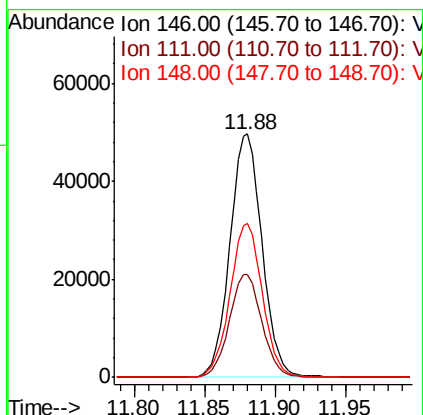
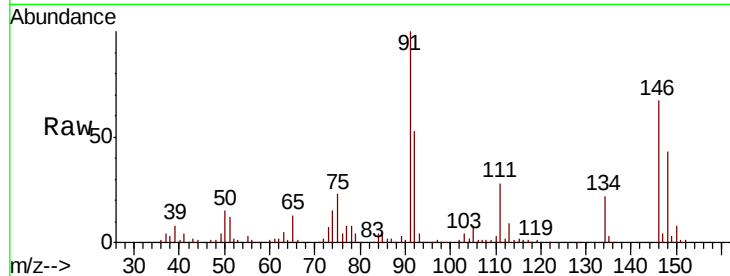
#85
 1,2-Dichlorobenzene
 Concen: 10.455 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	63.5	32.2	96.6

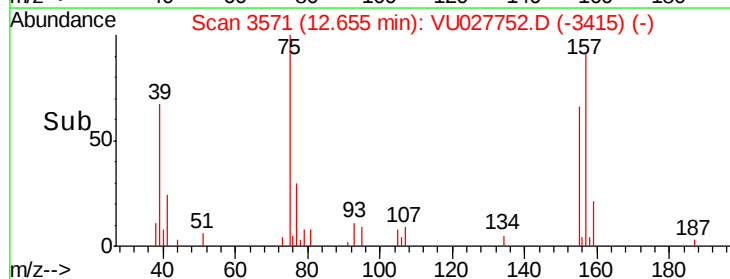
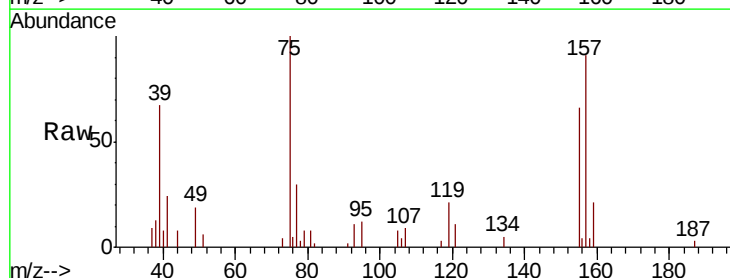
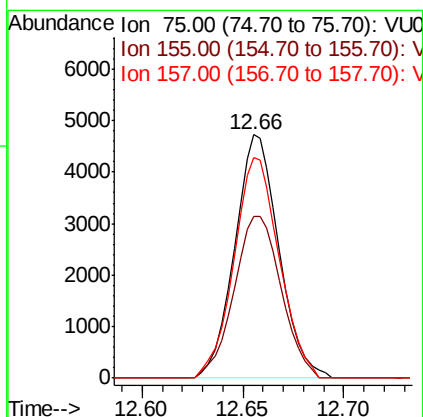
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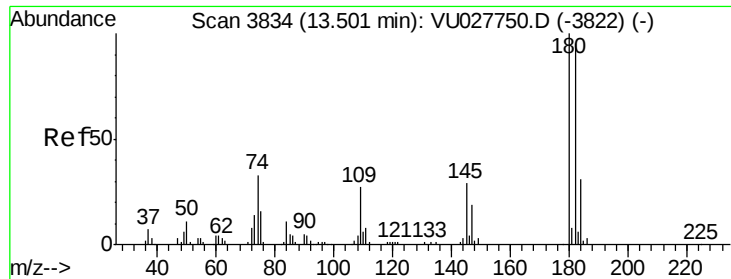
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.994 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.0	55.5	83.3
157	92.8	71.0	106.4





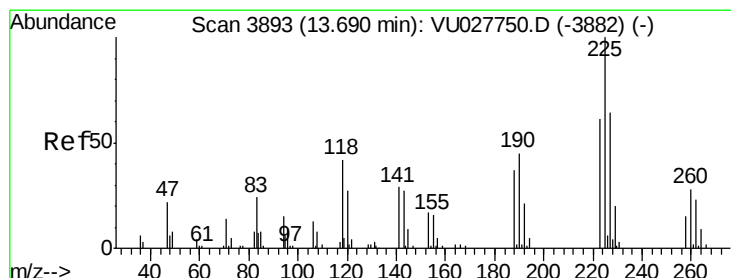
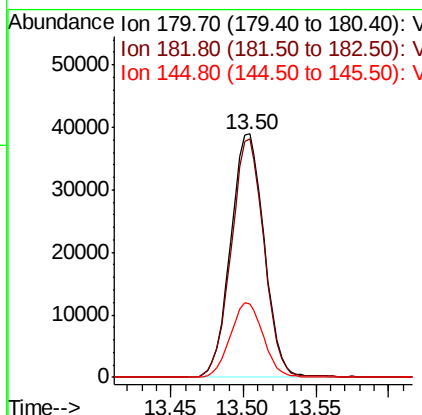
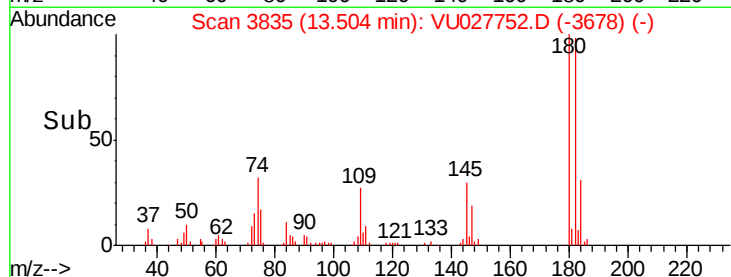
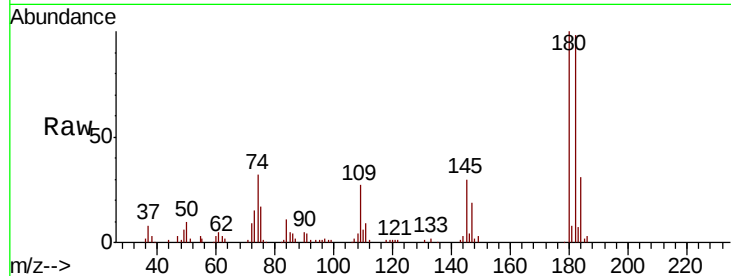
#87
 1,2,4-Trichlorobenzene
 Concen: 11.326 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102318

Tot Ion:	180	Resp:	62400
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.9	113.9
145	29.9	23.6	35.4

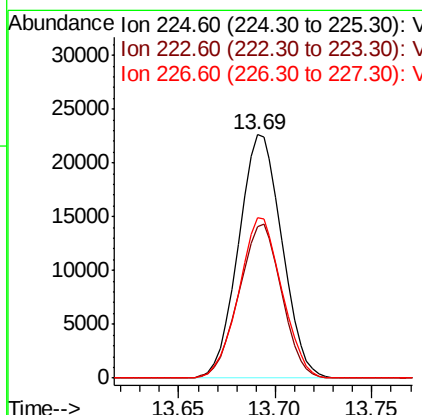
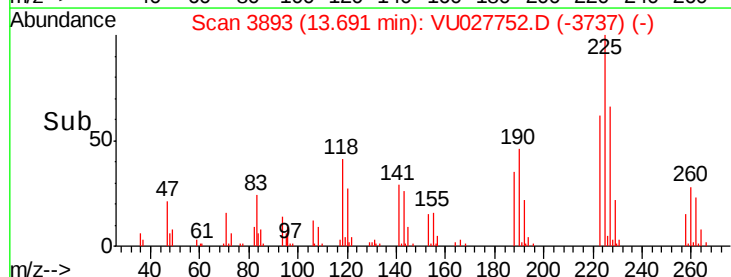
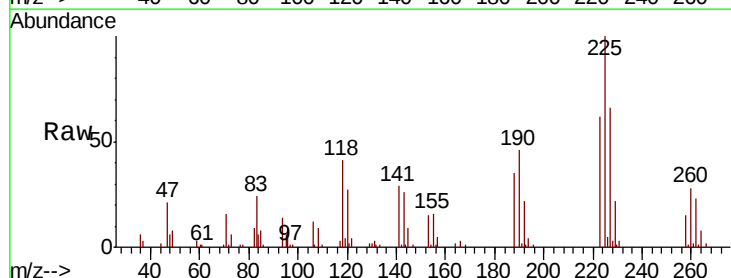
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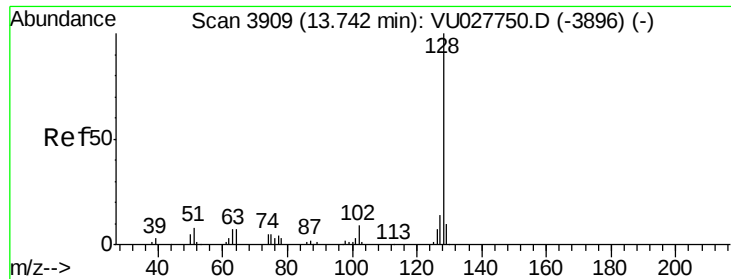
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#88
 Hexachlorobutadiene
 Concen: 10.707 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027752.D
 Acq: 22 Oct 2018 20:21

Tgt Ion:	225	Resp:	35383
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.6	74.4
227	65.1	51.1	76.7





#89

Naphthalene

Concen: 11.414 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Instrument :

MSVOA_U

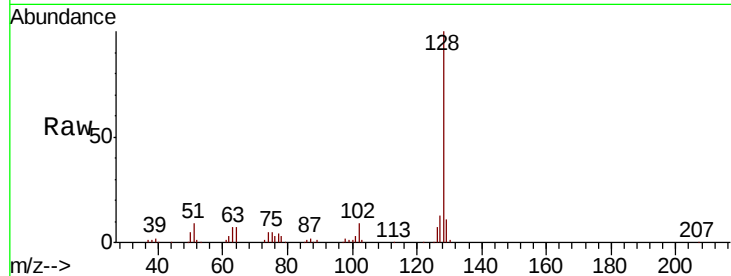
ClientSampleId :

ICVVU102318

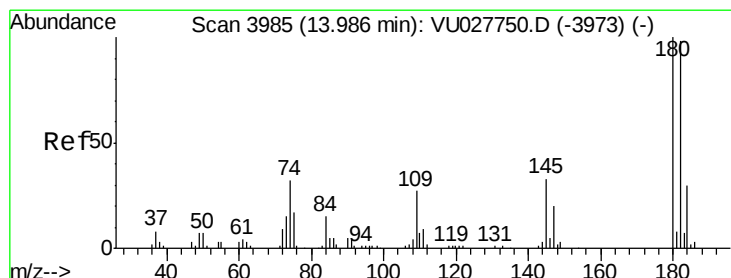
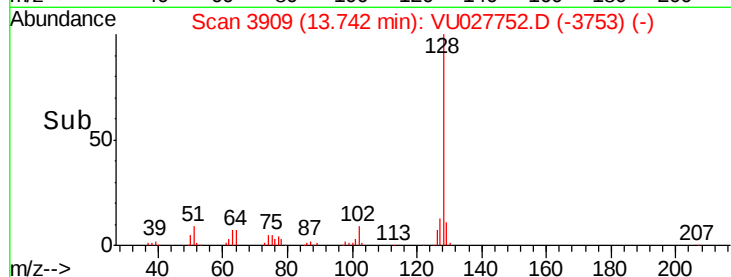
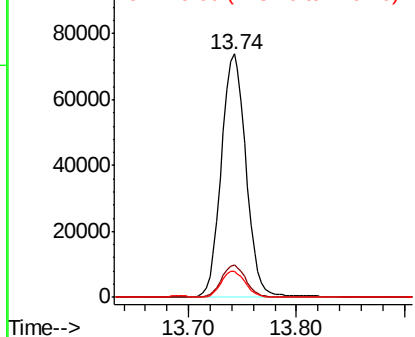
Tot Ion:	128	Resp:	118102
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.6	8.5	12.7

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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



#90

1,2,3-Trichlorobenzene

Concen: 11.044 ug/l

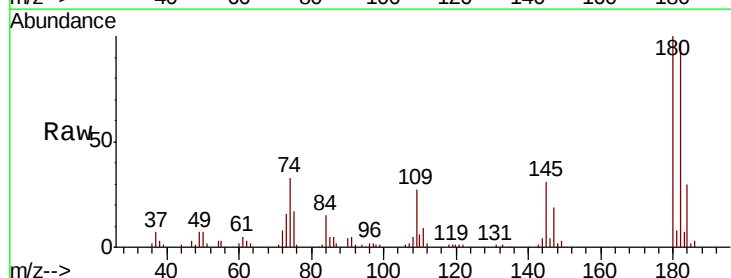
RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027752.D

Acq: 22 Oct 2018 20:21

Tgt Ion:	180	Resp:	57899
Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.0	115.6
145	30.9	25.4	38.2



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

