

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025628.D
 Acq On : 25 Jul 2018 10:38
 Operator : MD/SY
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
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Quant Time: Jul 25 11:59:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 11:50:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	36519	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13114	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14530	1.25	ug/l	0.00
Spiked Amount 1.000			Recovery	=	125.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	25605	2.159	ug/l	98
3) Chloromethane	1.33	50	24972	1.818	ug/l	98
4) Vinyl Chloride	1.41	62	22684	1.721	ug/l	99
5) Bromomethane	1.63	94	10690	1.517	ug/l	99
6) Chloroethane	1.70	64	13700	1.867	ug/l	96
7) Trichlorofluoromethane	1.89	101	32754	2.165	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18669	2.009	ug/l	97
9) 1,1-Dichloroethene	2.29	96	15809	1.832	ug/l	97
10) Iodomethane	2.42	142	9164	0.893	ug/l	99
11) Allyl Chloride	2.60	41	26244	1.655	ug/l	84
12) Acrylonitrile	2.95	53	6933	3.893	ug/l #	91
13) Acetone	2.33	43	14710	9.733	ug/l	99
14) Carbon Disulfide	2.48	76	53925	1.899	ug/l	99
15) Methylene Chloride	2.70	84	18714	1.904	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	18019	1.949	ug/l	92
17) 1,1-Dichloroethane	3.45	63	35440	1.946	ug/l	95
18) 2-Butanone	4.28	43	26474	10.840	ug/l	100
19) Cyclohexane	5.00	56	26852	1.707	ug/l	85
20) Methylcyclohexane	6.42	83	32607	2.031	ug/l	96
21) 2,2-Dichloropropane	4.23	77	34371	2.380	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	22720	2.271	ug/l	91
23) Diethyl Ether	2.11	59	12487	1.770	ug/l	98
24) tert-Butyl Alcohol	2.84	59	13667	25.692	ug/l #	80
25) Methyl tert-Butyl Ether	3.01	73	43814	2.020	ug/l	97
26) Bromochloromethane	4.55	128	9767	2.471	ug/l	84
27) Chloroform	4.68	83	38995	2.274	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	34798	2.473	ug/l	98
29) 1,1-Dichloropropene	5.14	75	28567	2.069	ug/l	98
30) Carbon Tetrachloride	5.14	117	31036	2.622	ug/l	98
31) Isopropyl Ether	3.58	45	57697	1.877	ug/l	94
32) Ethyl-t-butyl ether	4.09	59	54334	2.069	ug/l	96
33) Tert-Amyl methyl ether	5.59	73	47948	2.157	ug/l	98
34) Propionitrile	4.34	54	7441	10.701	ug/l #	83
35) Benzene	5.39	78	79658	1.942	ug/l	98
36) 1,2-Dichloroethane	5.41	62	25214	2.173	ug/l	96
37) Trichloroethene	6.19	130	22535	2.046	ug/l	98
38) 1,2-Dichloropropane	6.44	63	20437	1.816	ug/l	99
39) Methacrylonitrile	4.56	41	7172	2.017	ug/l	97
40) Methyl acrylate	4.44	55	10408	2.110	ug/l #	95
41) Tetrahydrofuran	4.66	42	8252	4.504	ug/l	97
42) 1-Chlorobutane	5.07	56	38083	1.904	ug/l	98

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Manual Integrations
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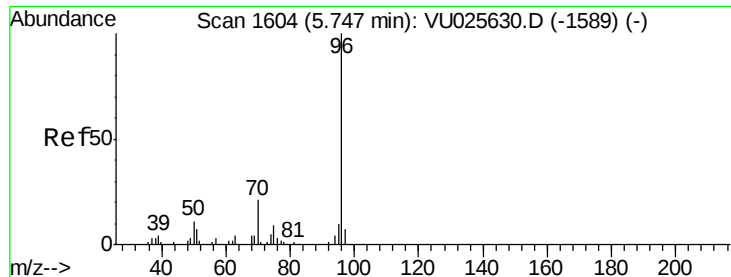
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Quant Time: Jul 25 11:59:50 2018
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.57	93	10753	2.222	ug/l	97
44) Bromodichloromethane	6.76	83	27384	2.252	ug/l	97
45) 4-Methyl-2-Pentanone	7.47	43	60151	10.516	ug/l	99
46) t-1,4-Dichloro-2-butene	10.52	75	8231m	4.867	ug/l	
47) Methyl methacrylate	6.63	69	17325	3.951	ug/l #	91
48) Ethyl methacrylate	8.02	69	18185	2.372	ug/l	97
49) Toluene	7.64	92	48123	2.031	ug/l	100
50) t-1,3-Dichloropropene	7.89	75	24468	2.357	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	29219	2.163	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	14576	2.117	ug/l	96
53) 1,3-Dichloropropane	8.25	76	24840	2.029	ug/l	96
54) 2-Hexanone	8.37	43	41812	10.731	ug/l	98
55) Dibromochloromethane	8.48	129	18523	2.455	ug/l	97
56) 1,2-Dibromoethane	8.59	107	14113	2.379	ug/l	100
58) Tetrachloroethene	8.23	164	21058	2.097	ug/l	99
59) Chlorobenzene	9.12	112	55804	2.200	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.21	131	20310	2.357	ug/l	98
61) Pentachloroethane	11.11	117	15409	2.520	ug/l	96
62) Hexachloroethane	12.15	117	15375	2.619	ug/l	94
63) Ethyl Benzene	9.25	91	90813	2.154	ug/l	100
64) m/p-Xylenes	9.38	106	71096	4.372	ug/l	98
65) o-Xylene	9.78	106	34507	2.204	ug/l	99
66) Styrene	9.80	104	58004	2.246	ug/l	99
67) Bromoform	9.96	173	10203	2.589	ug/l #	98
69) Isopropylbenzene	10.17	105	91189	2.261	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	17697	2.280	ug/l	96
71) 1,2,3-Trichloropropane	10.50	75	14091m	2.537	ug/l	
72) Bromobenzene	10.45	156	23787	2.369	ug/l	96
73) n-propylbenzene	10.59	120	25721	2.307	ug/l	94
74) 2-Chlorotoluene	10.66	126	23464	2.380	ug/l	87
75) 1,3,5-Trimethylbenzene	10.78	105	80628	2.373	ug/l	99
76) 4-Chlorotoluene	10.78	126	24818	2.430	ug/l	88
77) tert-Butylbenzene	11.10	119	78829	2.476	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	81674	2.381	ug/l	97
79) sec-Butylbenzene	11.33	105	103879	2.330	ug/l	98
80) Nitrobenzene	12.87	77	2324	8.621	ug/l #	89
81) p-Isopropyltoluene	11.48	119	87117	2.378	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	49941	2.492	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	47832	2.390	ug/l	97
84) n-Butylbenzene	11.89	91	78965	2.208	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	45520	2.516	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2916	2.662	ug/l	90
87) 1,2,4-Trichlorobenzene	13.51	180	29699	2.269	ug/l	98
88) Hexachlorobutadiene	13.70	225	19792	2.494	ug/l	96
89) Naphthalene	13.75	128	48615	2.466	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	27300	2.222	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025628.D

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MSVOA_U

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VSTDIC002

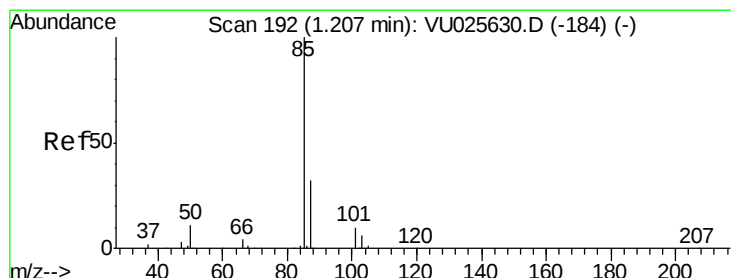
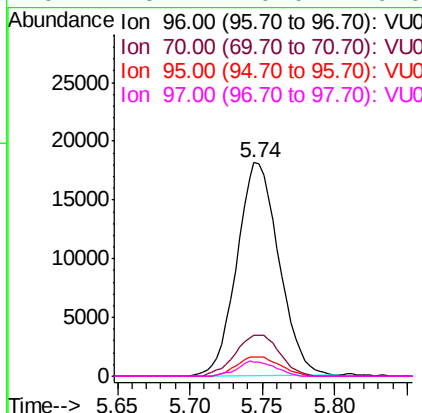
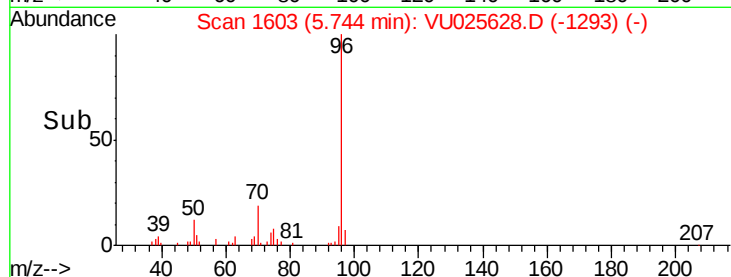
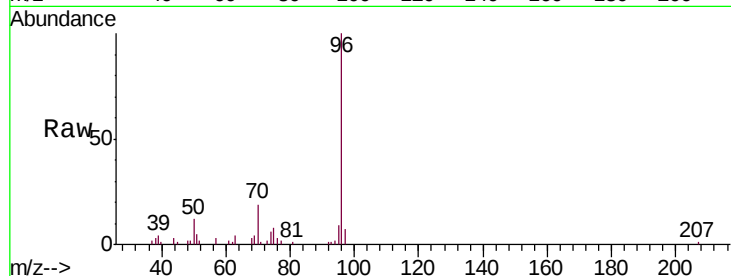
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Ion	Ratio	Lower	Upper
96	100		
70	20.3	16.2	24.4
95	9.3	6.9	10.3
97	6.2	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 2.159 ug/l

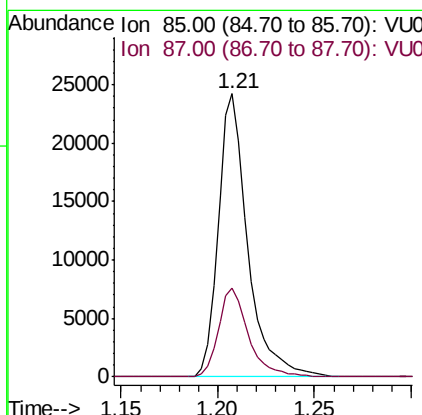
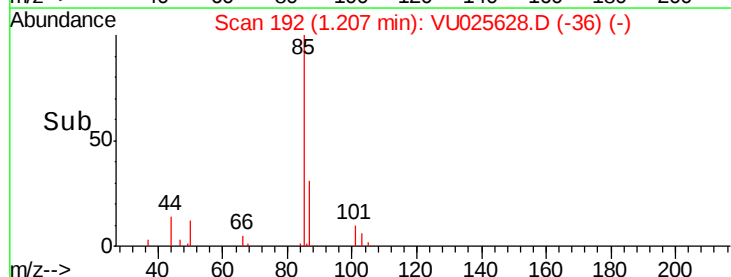
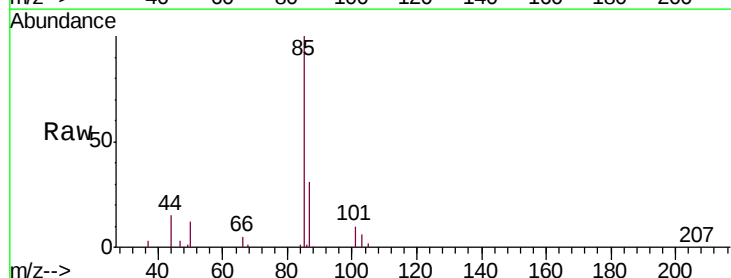
RT: 1.21 min Scan# 192

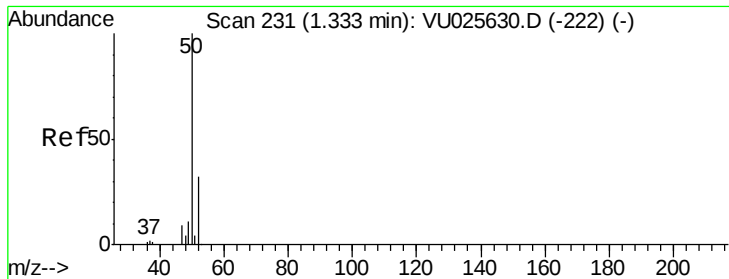
Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tgt Ion:	85	Resp:	25605
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5





#3

Chloromethane

Concen: 1.818 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 50 Resp: 24972

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0

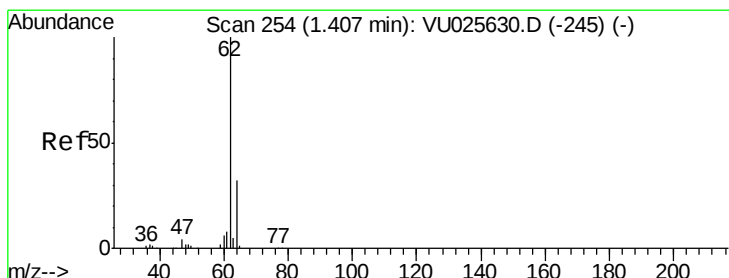
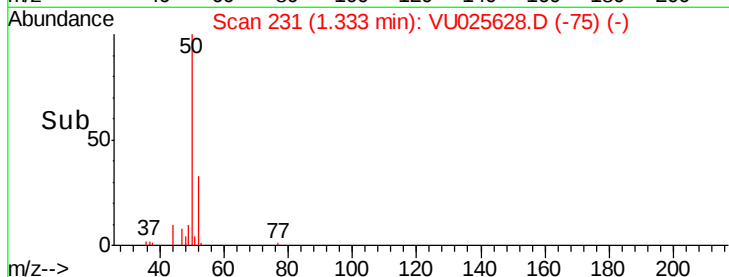
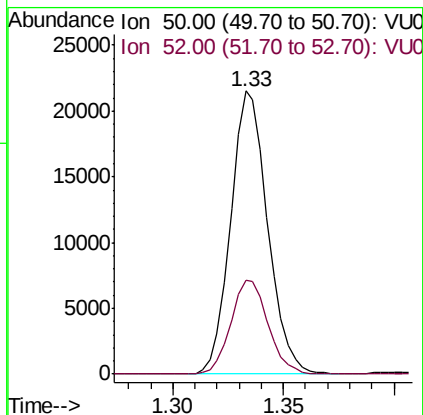
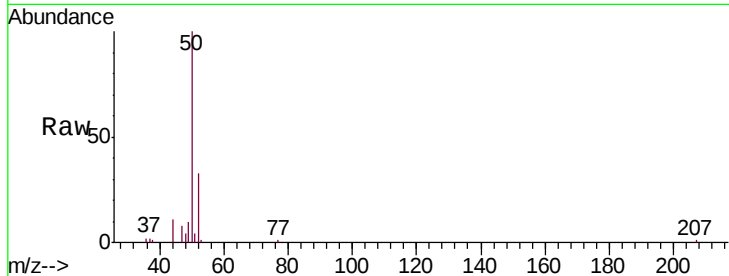
Manual Integrations

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#4

Vinyl Chloride

Concen: 1.721 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025628.D

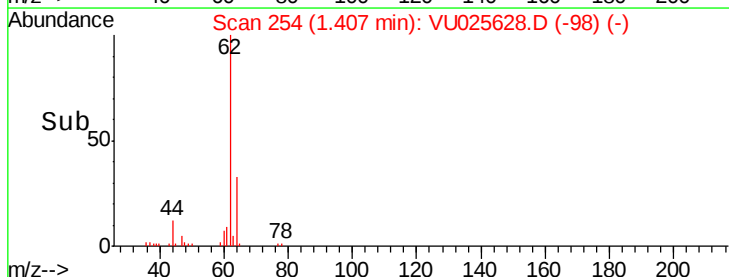
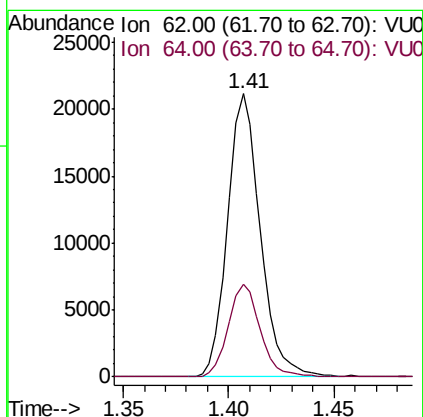
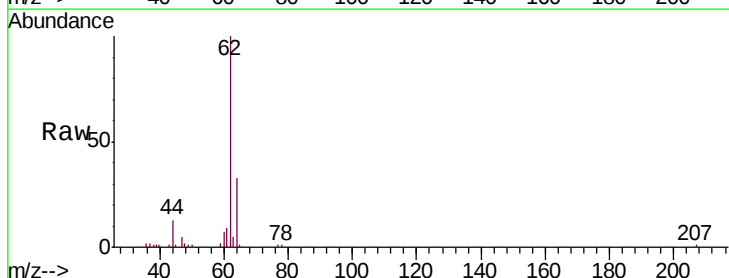
Acq: 25 Jul 2018 10:38

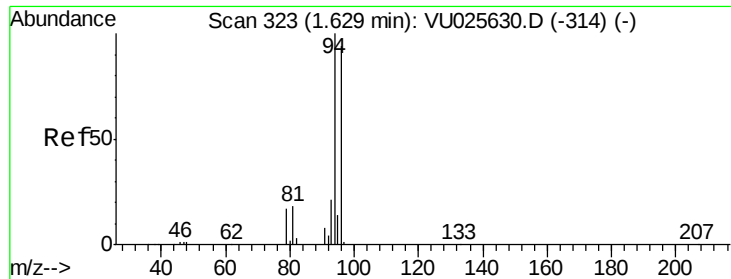
Tgt Ion: 62 Resp: 22684

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 1.517 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 94 Resp: 10690

Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7

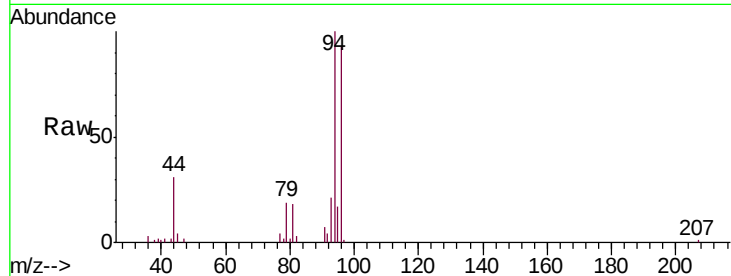
Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU025630.D (-314) (-)

Ion 96.00 (95.70 to 96.70): VU025630.D (-314) (-)

1.63

10000

8000

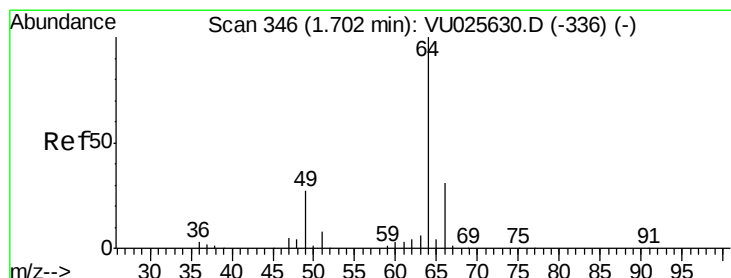
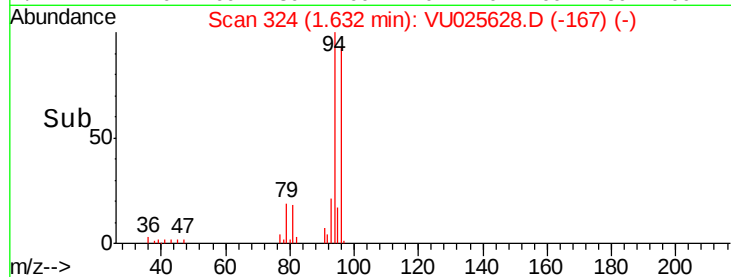
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 1.867 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025628.D

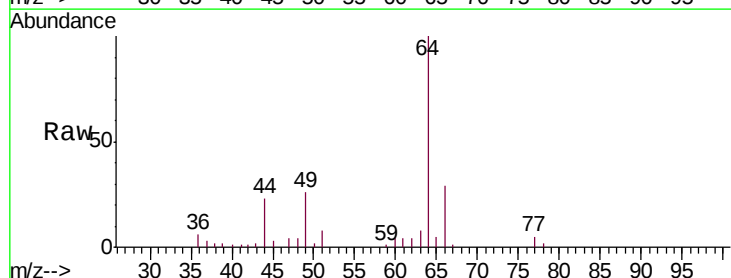
Acq: 25 Jul 2018 10:38

Tgt Ion: 64 Resp: 13700

Ion Ratio Lower Upper

64 100

66 28.6 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU025630.D (-336) (-)

Ion 66.00 (65.70 to 66.70): VU025630.D (-336) (-)

1.70

12000

10000

8000

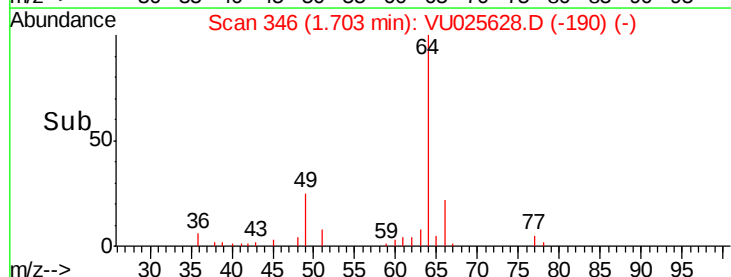
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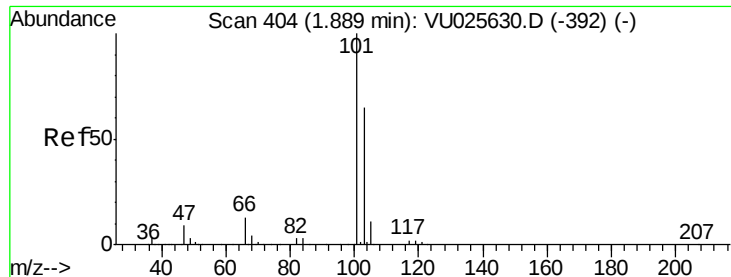
4000

2000

0

Time-->





#7

Trichlorofluoromethane
 Concen: 2.165 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

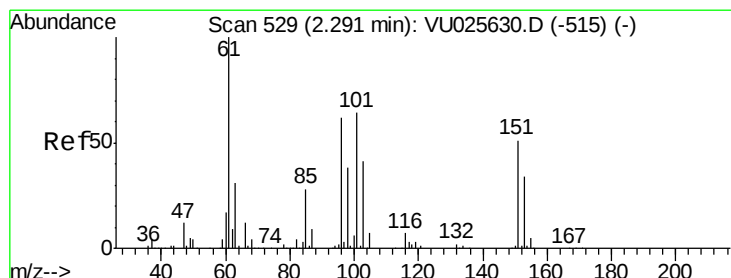
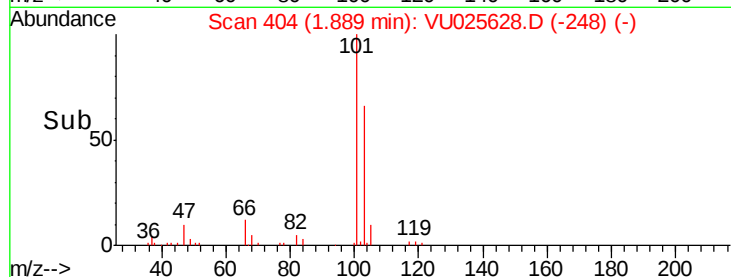
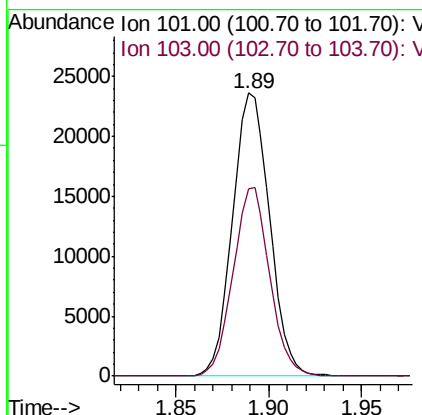
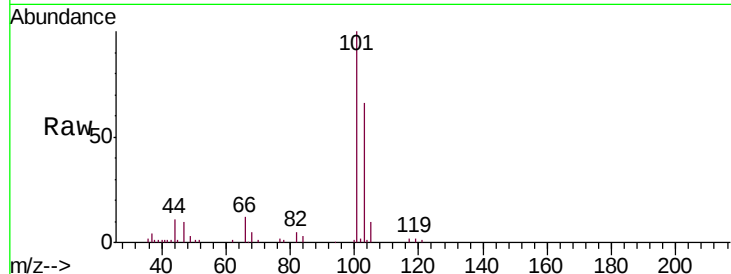
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.4	77.0

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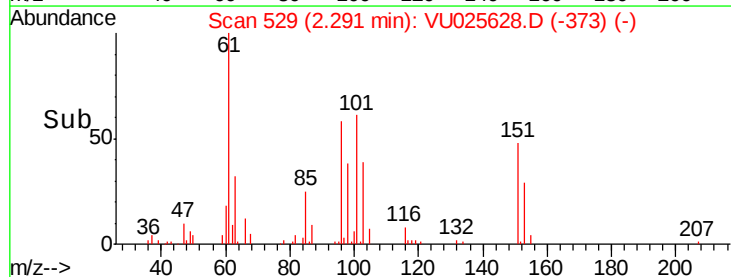
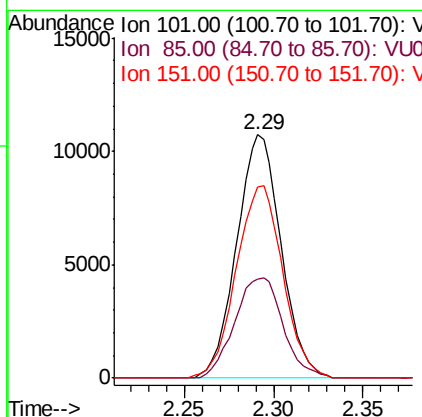
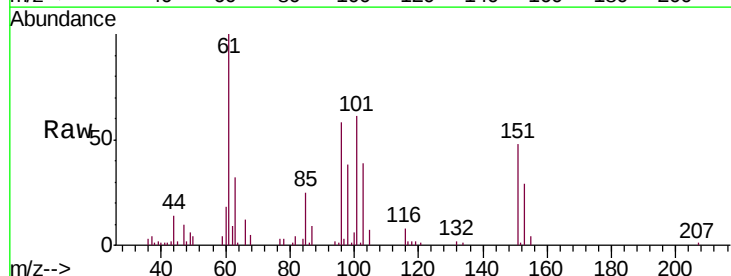
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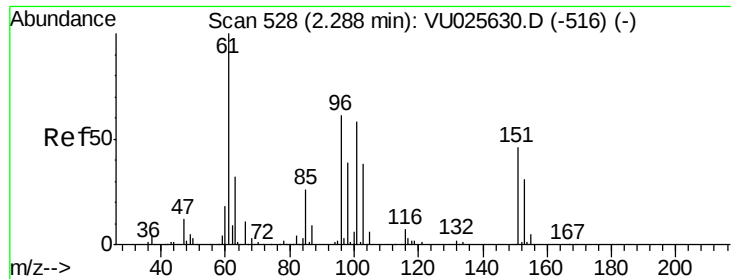


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.009 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.2	52.8
151	82.8	63.5	95.3





#9

1,1-Dichloroethene

Concen: 1.832 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

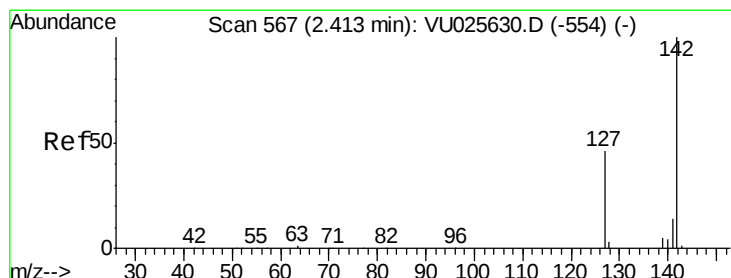
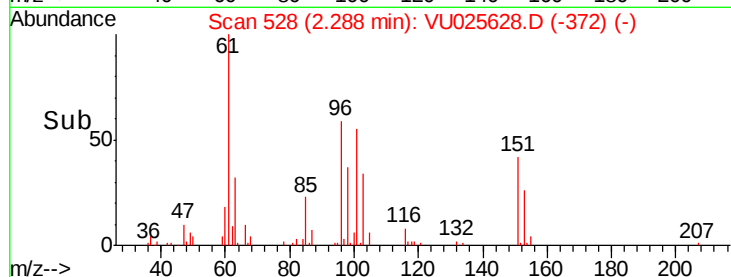
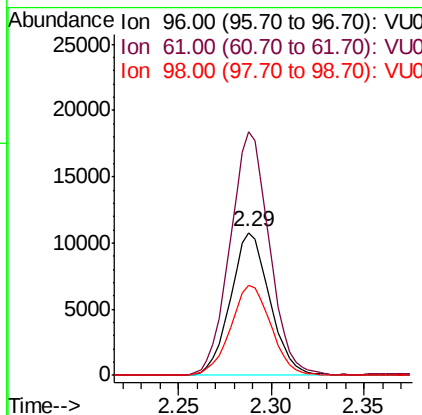
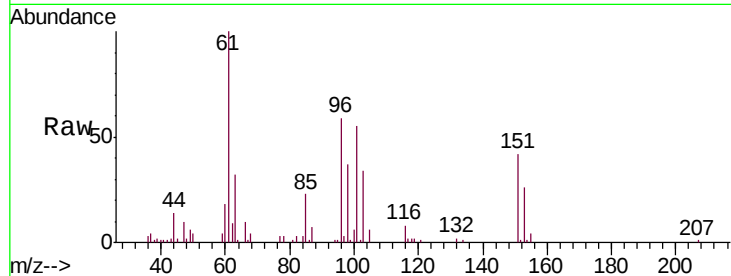
Tot Ion:	96	Resp:	15809
Ion	Ratio	Lower	Upper
96	100		
61	170.7	0.0	526.5
98	63.0	0.0	123.4

Manual Integrations
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#10

Iodomethane

Concen: 0.893 ug/l

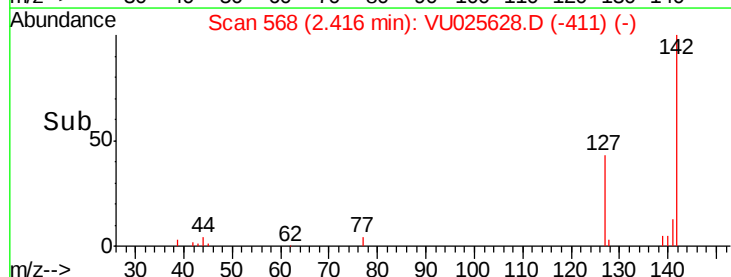
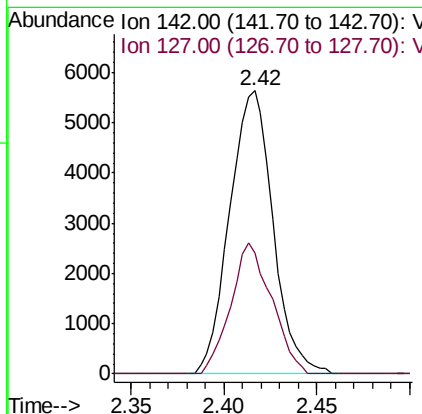
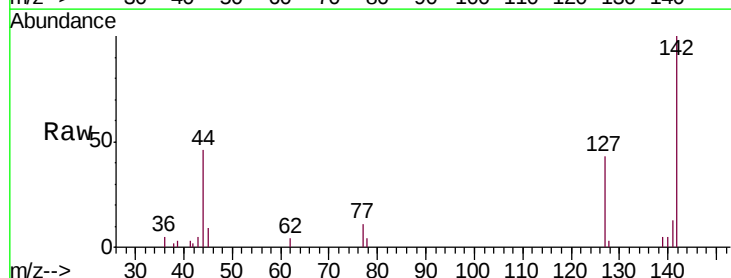
RT: 2.42 min Scan# 568

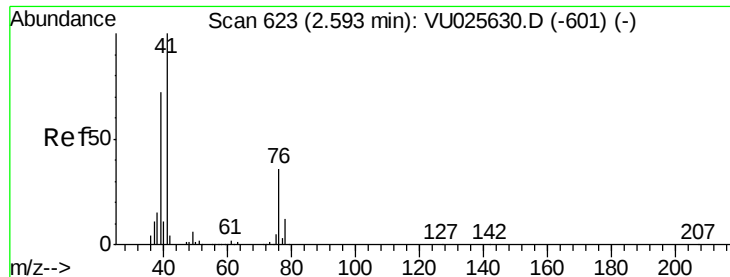
Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tgt Ion:	142	Resp:	9164
Ion	Ratio	Lower	Upper
142	100		
127	43.7	34.5	51.7





#11
Allvl Chloride
Concen: 1.655 ug/l
RT: 2.60 min Scan# 624
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

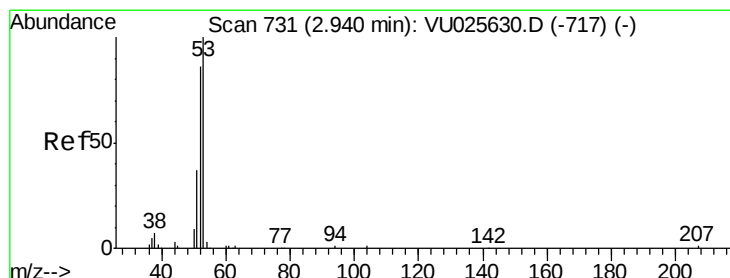
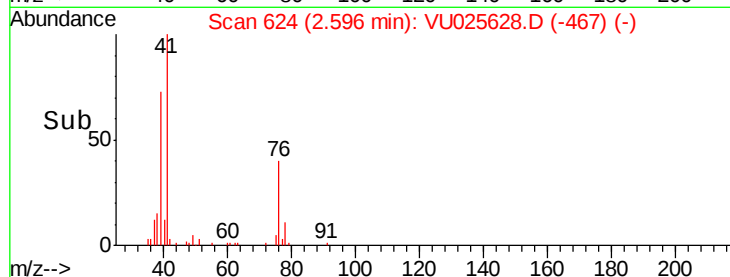
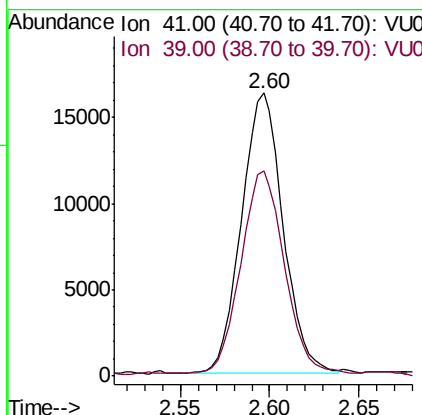
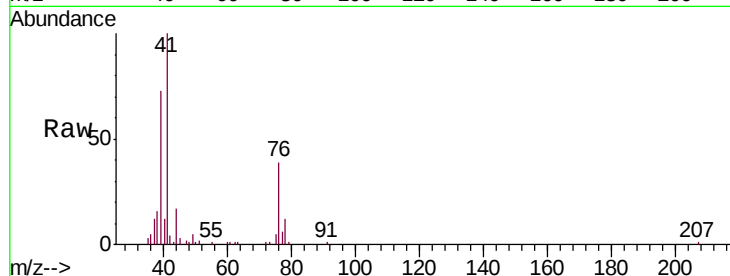
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 41 Resp: 26244
Ion Ratio Lower Upper
41 100
39 76.9 51.4 77.2

Manual Integrations
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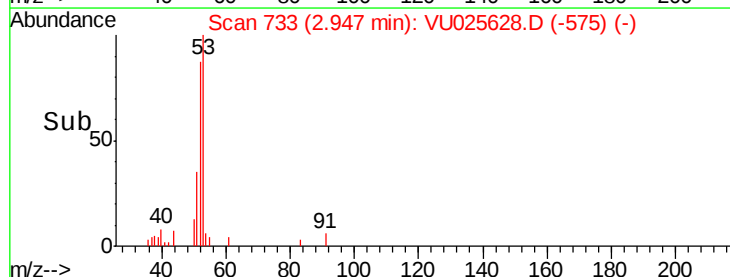
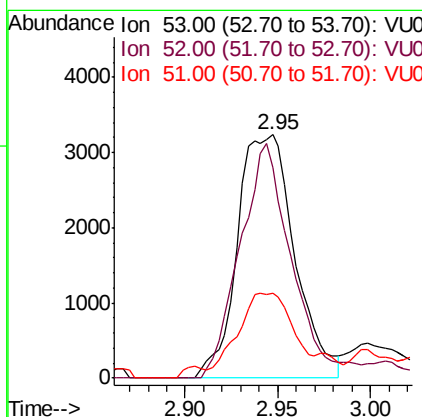
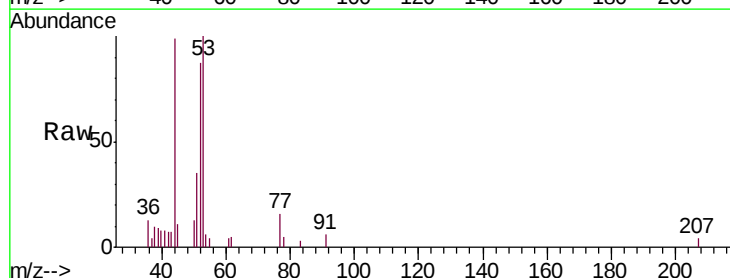
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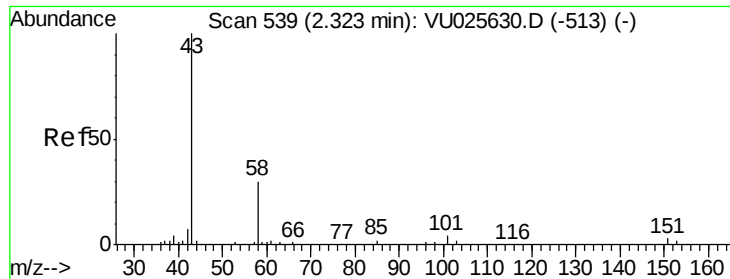
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#12
Acrylonitrile
Concen: 3.893 ug/l
RT: 2.95 min Scan# 733
Delta R.T. 0.01 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion: 53 Resp: 6933
Ion Ratio Lower Upper
53 100
52 87.7 65.1 97.7
51 29.6 30.2 45.4#





#13

Acetone

Concen: 9.733 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tot Ion: 43 Resp: 14710

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

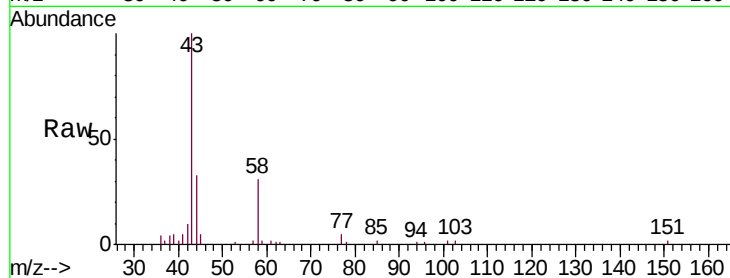
Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

10000

8000

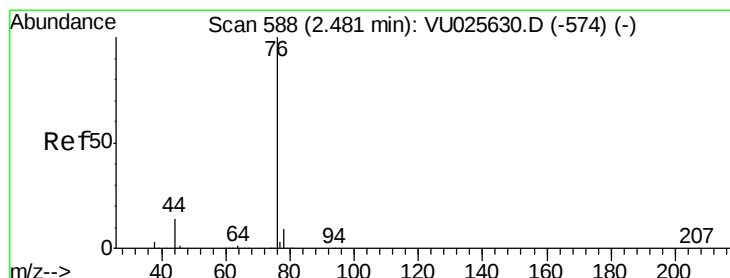
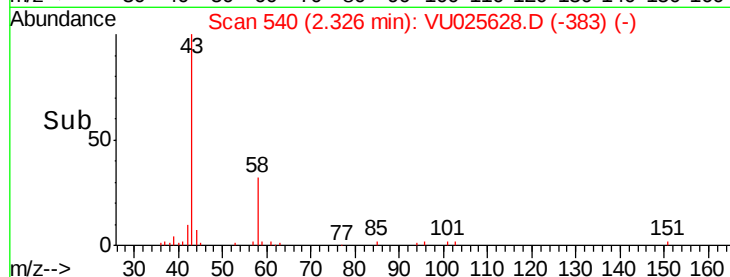
6000

4000

2000

0

Time-->



#14

Carbon Disulfide

Concen: 1.899 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025628.D

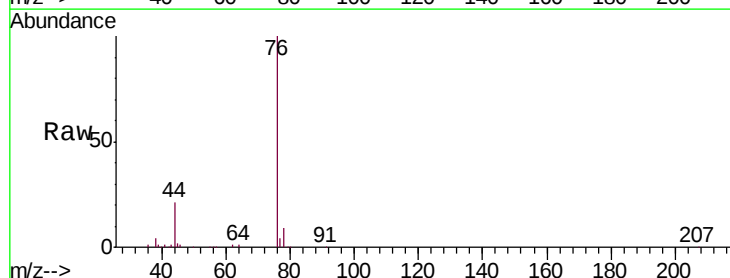
Acq: 25 Jul 2018 10:38

Tgt Ion: 76 Resp: 53925

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.48

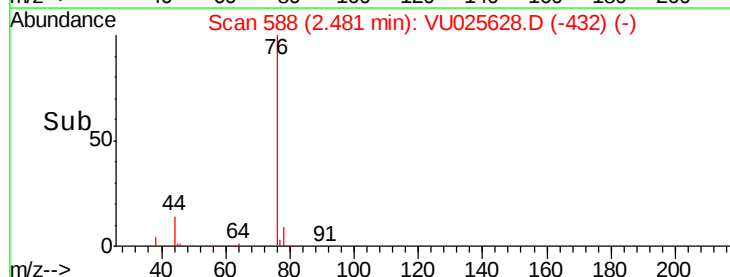
30000

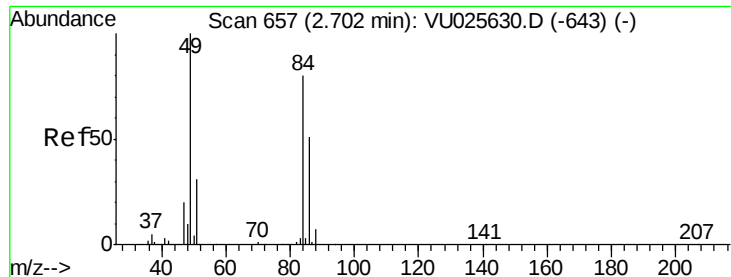
20000

10000

0

Time-->





#15
Methvlene Chloride
Concen: 1.904 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

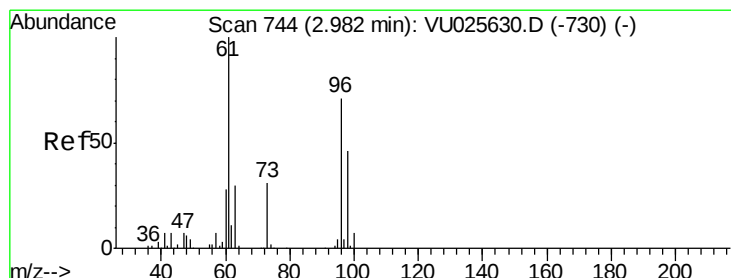
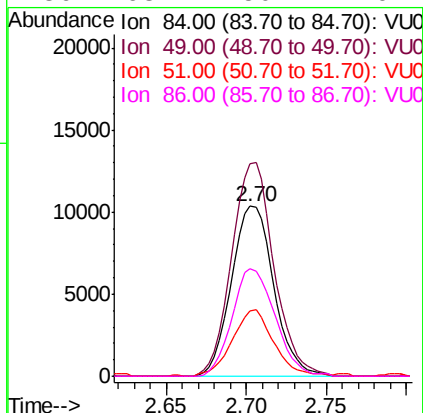
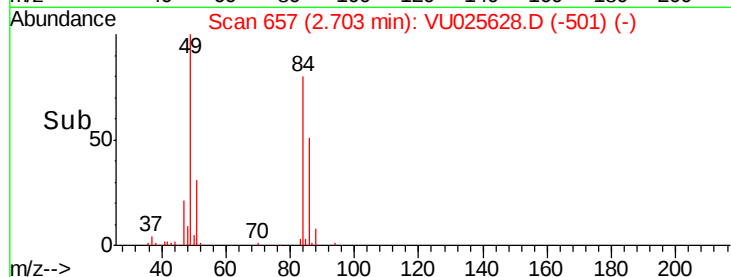
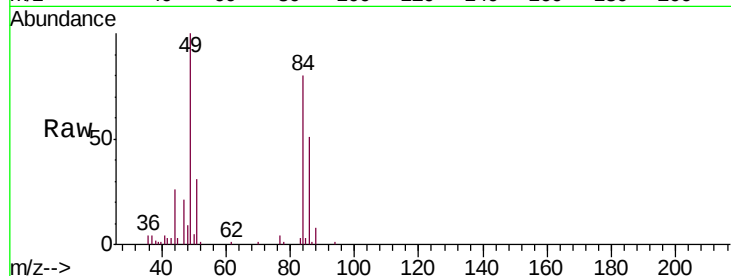
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tot Ion:	84	Resp:	18714
Ion	Ratio	Lower	Upper
84	100		
49	125.1	108.7	163.1
51	38.8	0.0	82.4
86	63.7	50.7	76.1

Manual Integrations
APPROVED

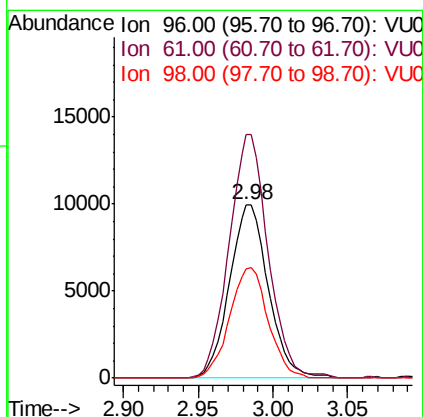
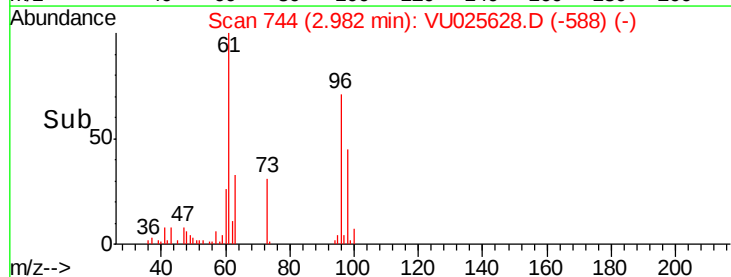
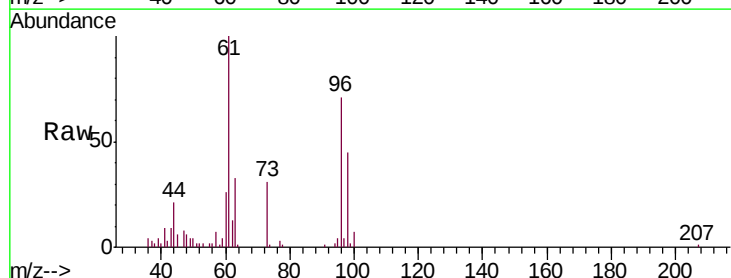
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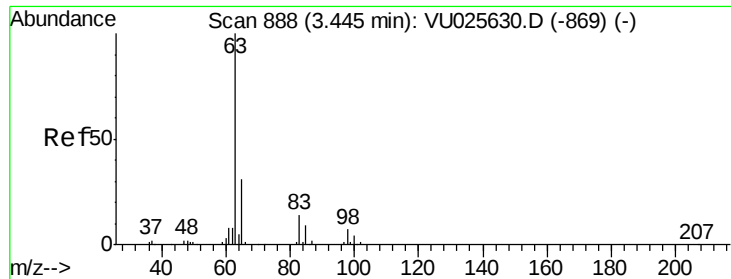
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#16
trans-1,2-Dichloroethene
Concen: 1.949 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:	96	Resp:	18019
Ion	Ratio	Lower	Upper
96	100		
61	140.1	123.9	185.9
98	62.8	50.6	76.0





#17
 1,1-Dichloroethane
 Concen: 1.946 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

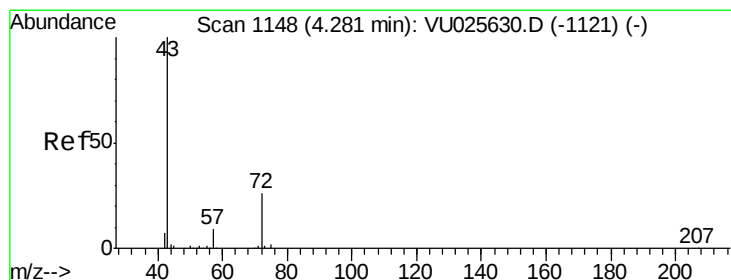
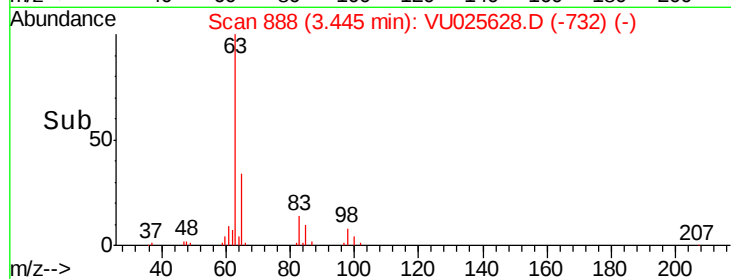
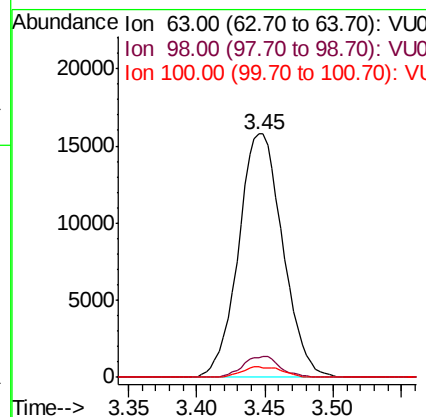
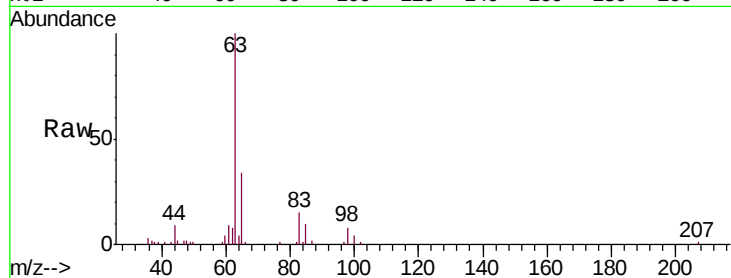
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	63	Resp	35440
Ion	Ratio	Lower	Upper
63	100		
98	8.3	2.9	8.8
100	4.3	2.0	5.8

Manual Integrations
 APPROVED

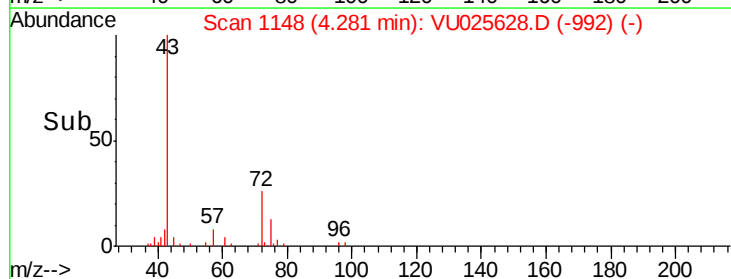
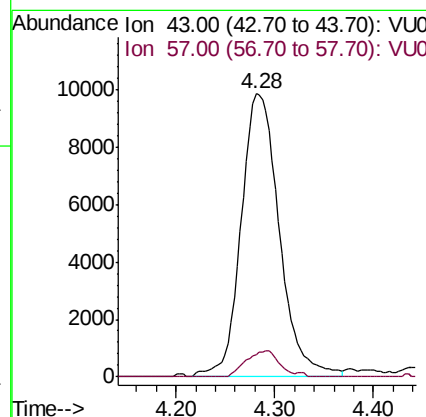
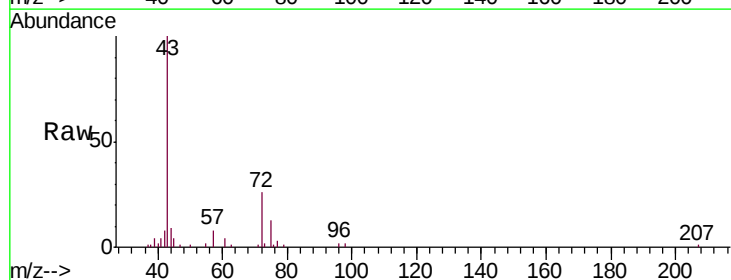
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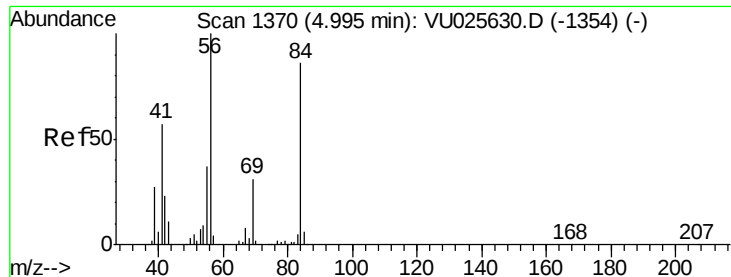
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#18
 2-Butanone
 Concen: 10.840 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	43	Resp	26474
Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	15.8





#19
Cyclohexane
Concen: 1.707 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

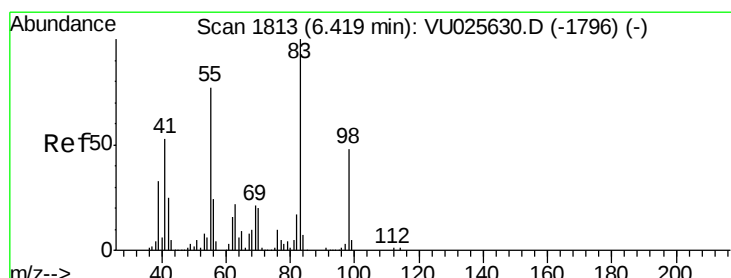
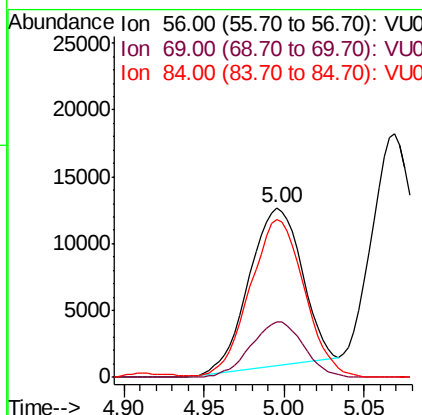
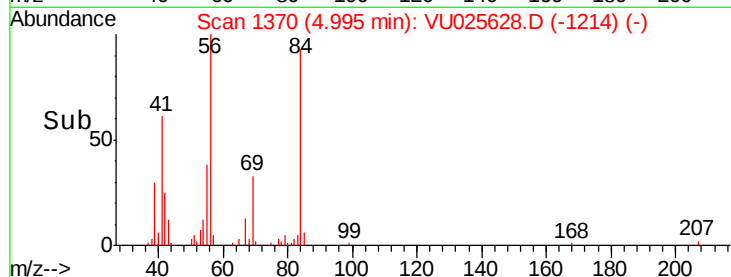
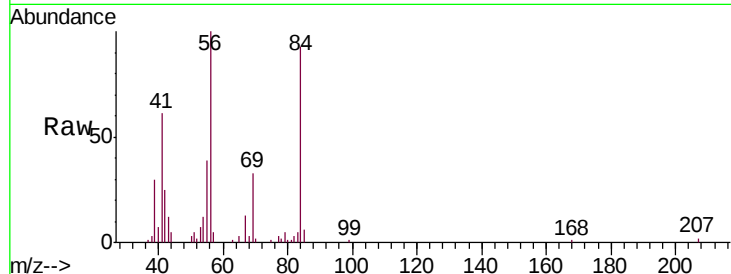
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	26.0	39.0
84	102.3	68.3	102.5

Manual Integrations
APPROVED

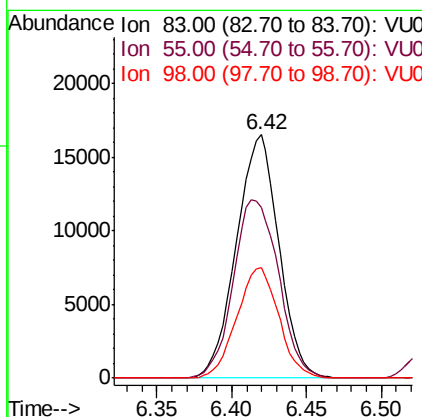
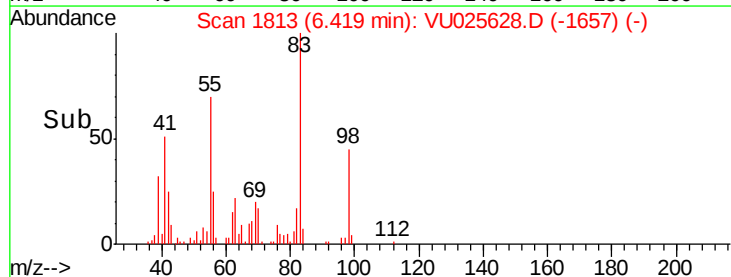
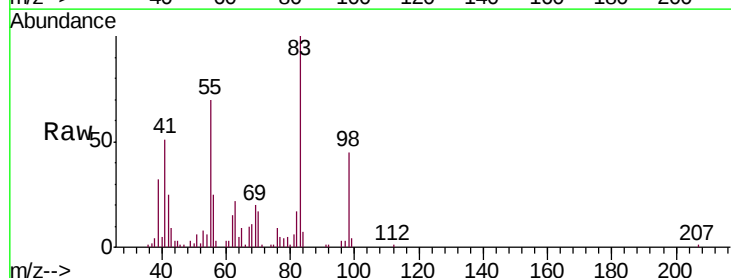
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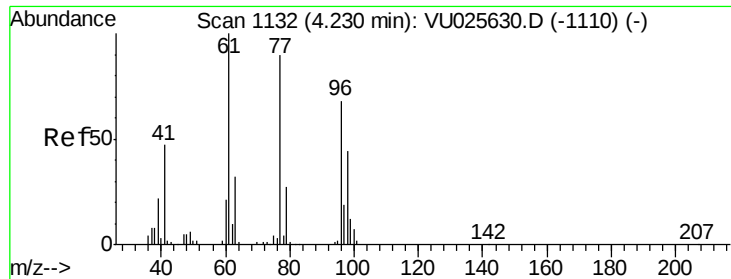
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#20
Methylcyclohexane
Concen: 2.031 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	66.4	99.6
98	44.9	35.4	53.2





#21

2,2-Dichloropropane

Concen: 2.380 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 77 Resp: 34371

Ion Ratio Lower Upper

77 100

97 21.2 17.9 26.9

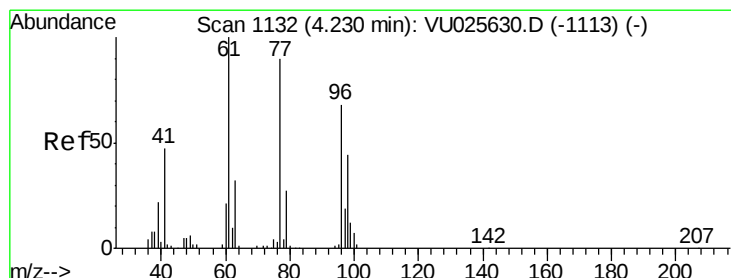
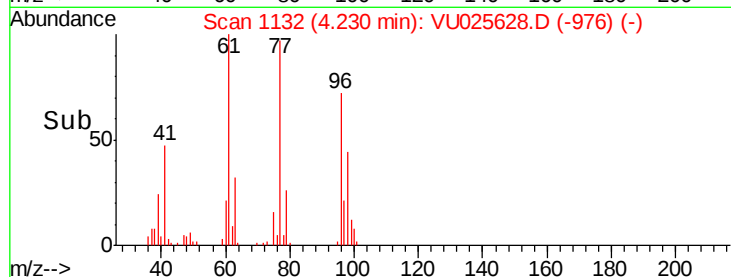
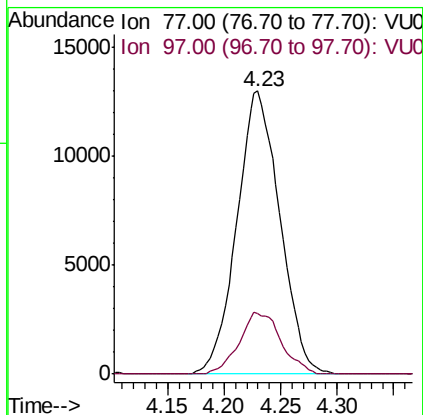
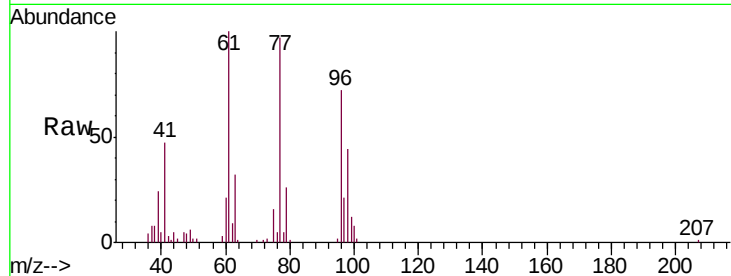
Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 2.271 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

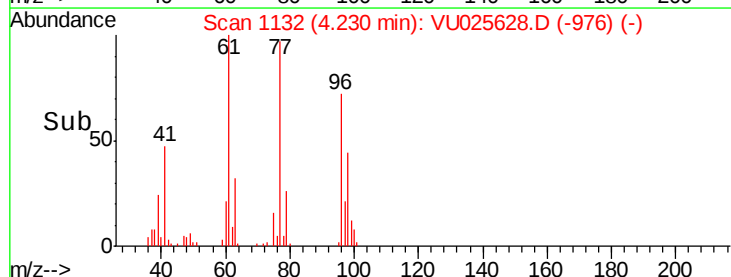
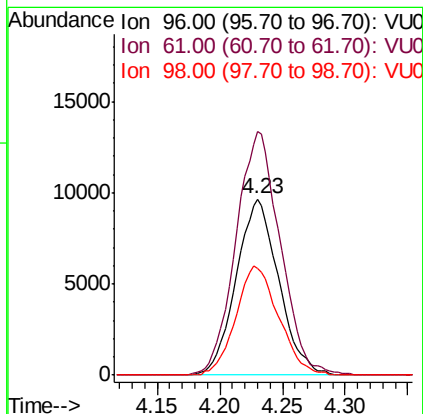
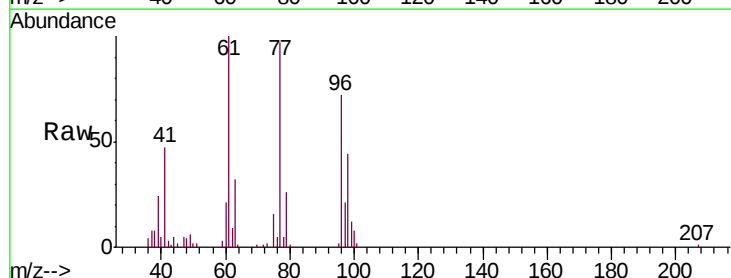
Tgt Ion: 96 Resp: 22720

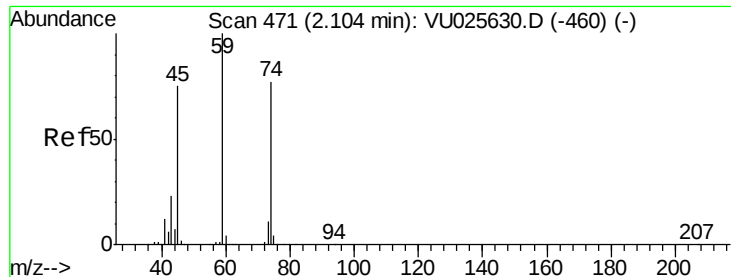
Ion Ratio Lower Upper

96 100

61 144.9 0.0 400.5

98 62.2 32.2 96.6





#23
Diethyl Ether
Concen: 1.770 ug/l
RT: 2.11 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

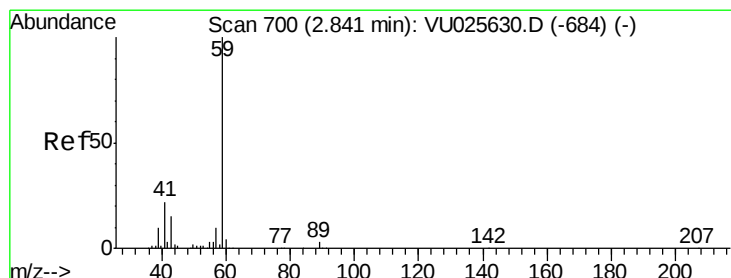
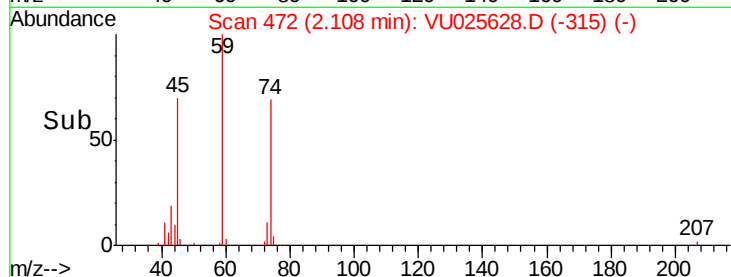
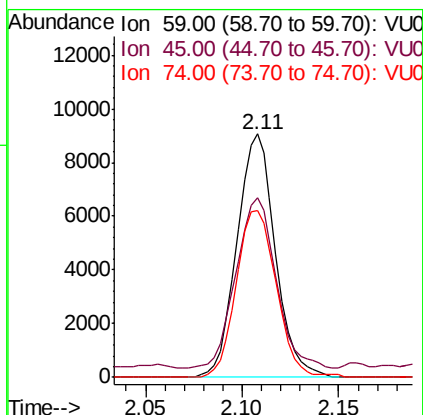
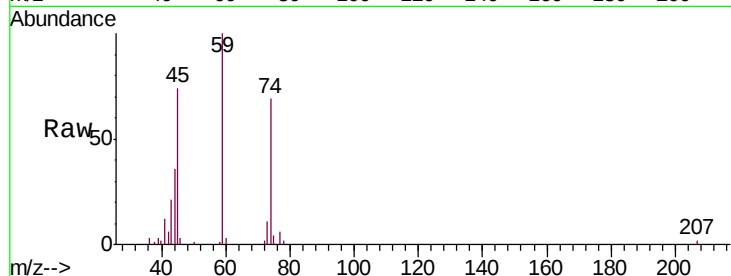
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	59	Resp:	12487
Ion Ratio	Lower	Upper	
59	100		
45	73.1	60.0	90.0
74	71.3	56.5	84.7

Manual Integrations
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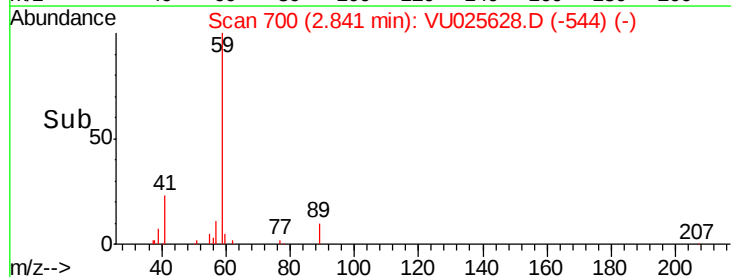
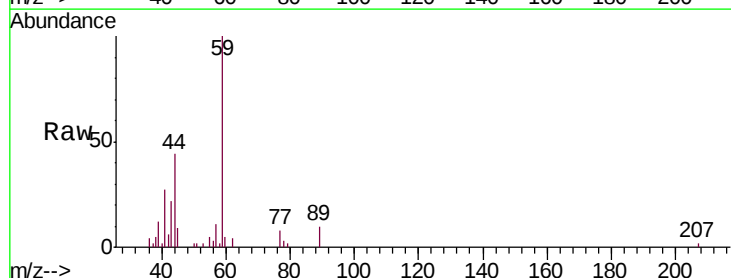
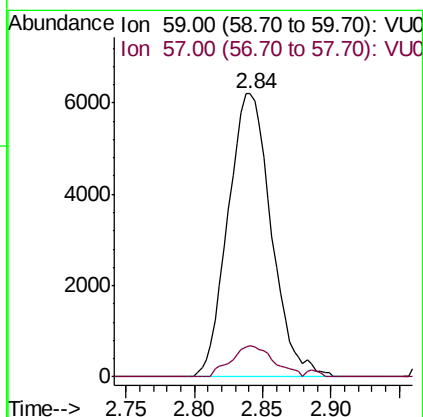
apatel
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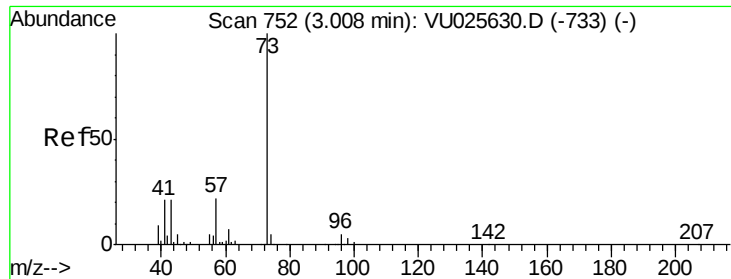
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#24
tert-Butyl Alcohol
Concen: 25.692 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:	59	Resp:	13667
Ion Ratio	Lower	Upper	
59	100		
57	10.8	3.4	5.2#





#25

Methyl tert-Butyl Ether
 Concen: 2.020 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

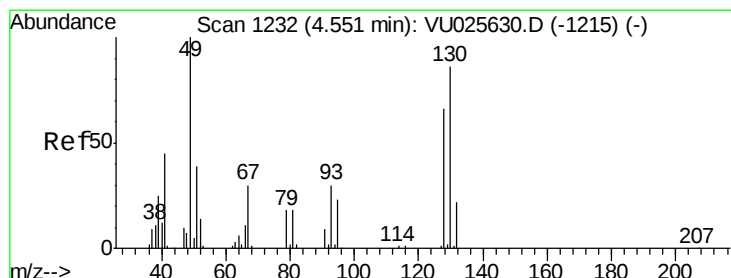
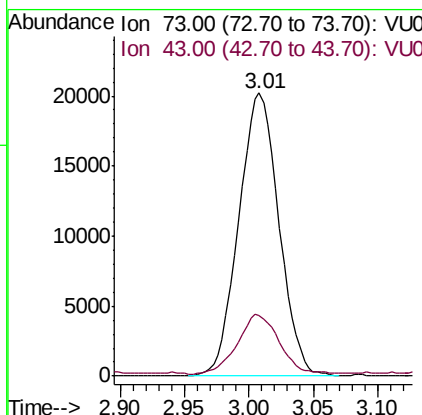
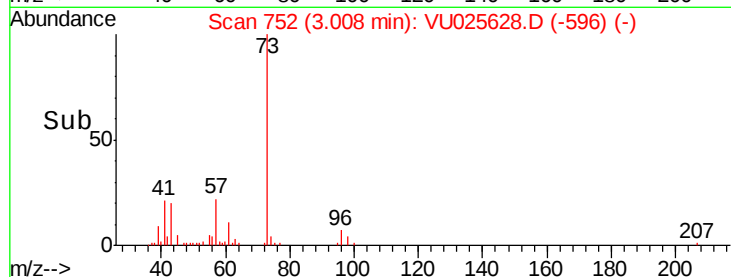
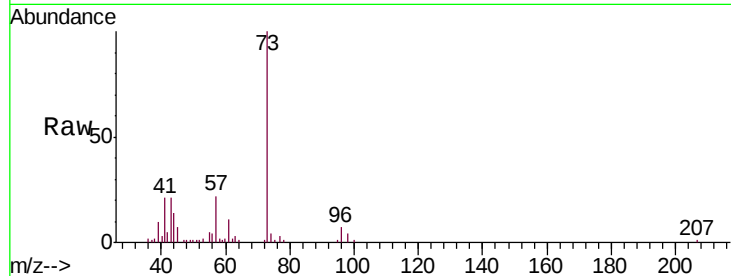
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.5	16.2	24.2

Manual Integrations
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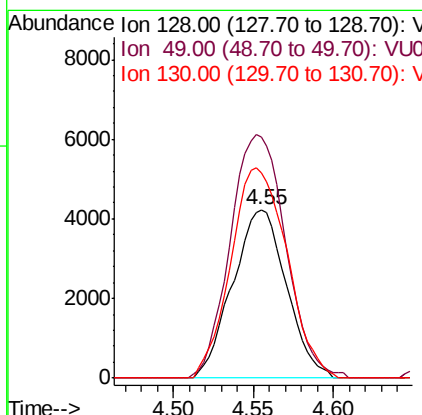
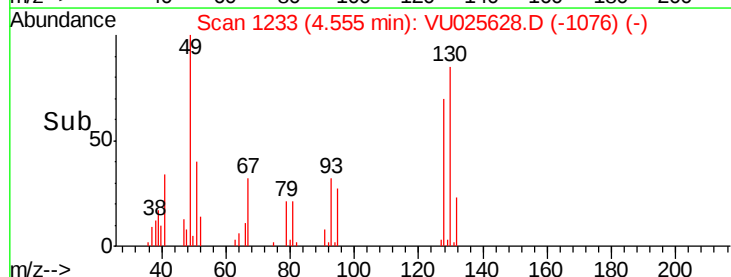
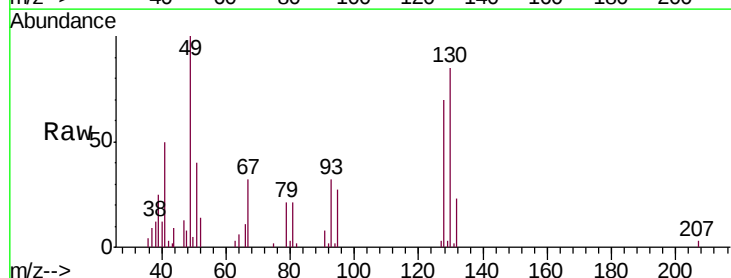
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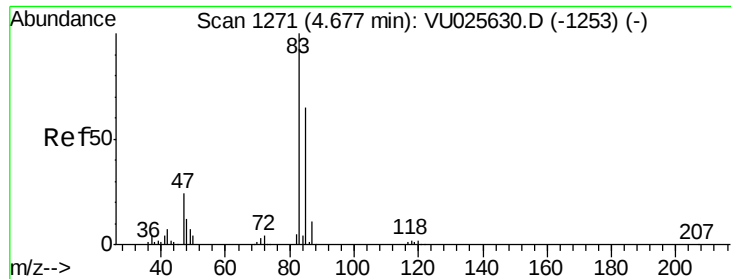


#26

Bromochloromethane
 Concen: 2.471 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
128	100		
49	148.9	0.0	375.2
130	130.4	105.8	158.6





#27

Chloroform

Concen: 2.274 ug/l

RT: 4.68 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 83 Resp: 38995

Ion Ratio Lower Upper

83 100

85 63.4 0.0 128.4

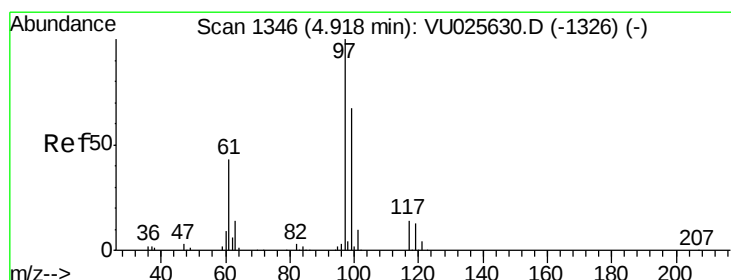
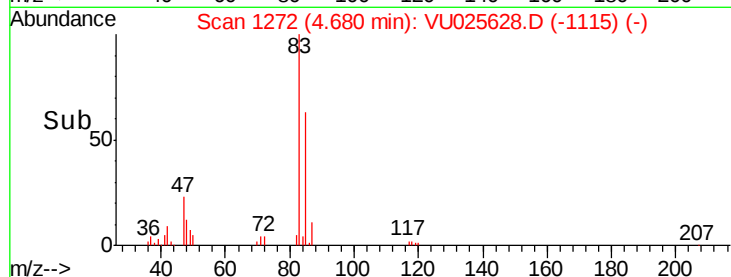
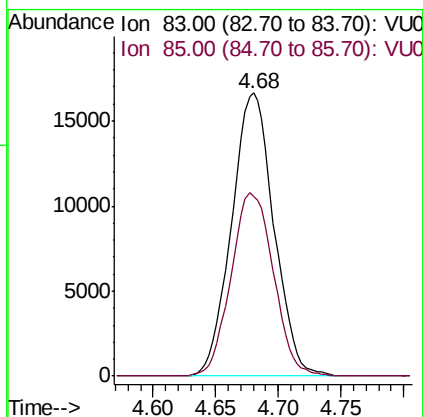
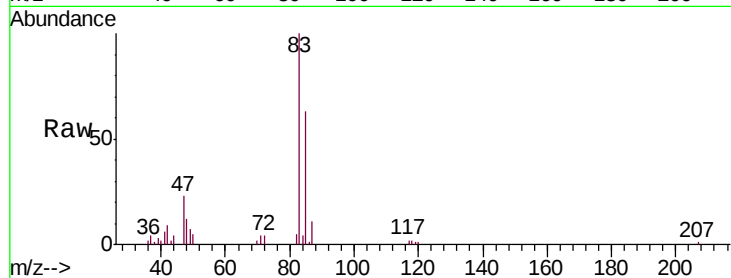
Manual Integrations

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#28

1,1,1-Trichloroethane

Concen: 2.473 ug/l

RT: 4.91 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

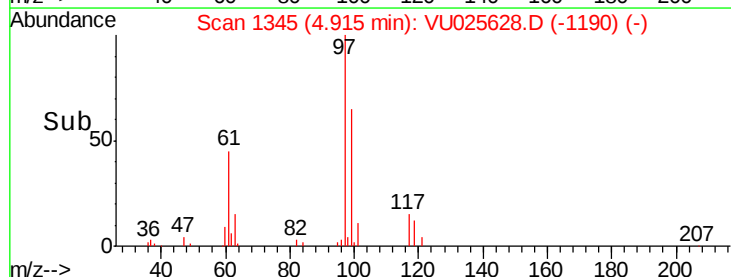
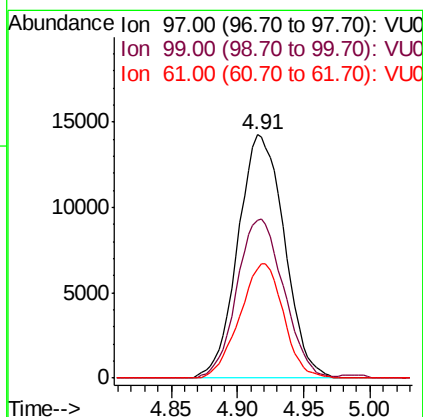
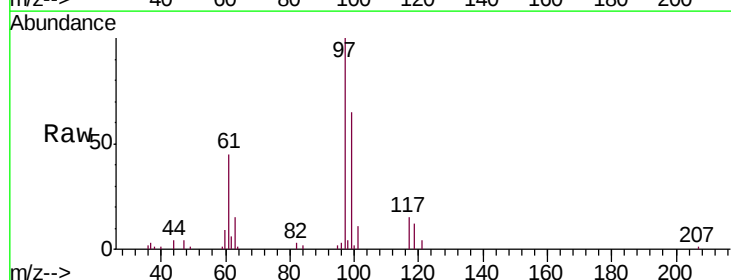
Tgt Ion: 97 Resp: 34798

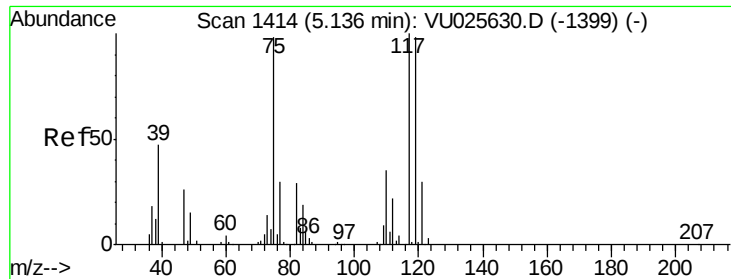
Ion Ratio Lower Upper

97 100

99 65.9 32.3 96.9

61 44.3 23.2 69.5





#29
 1,1-Dichloropropene
 Concen: 2.069 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

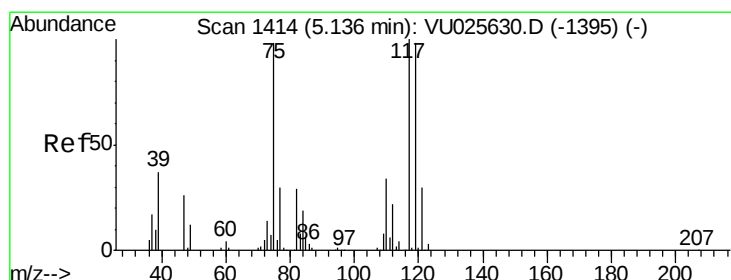
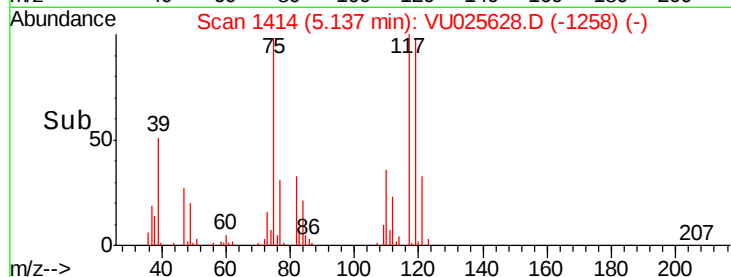
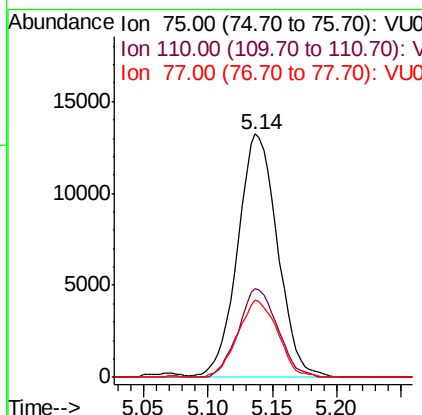
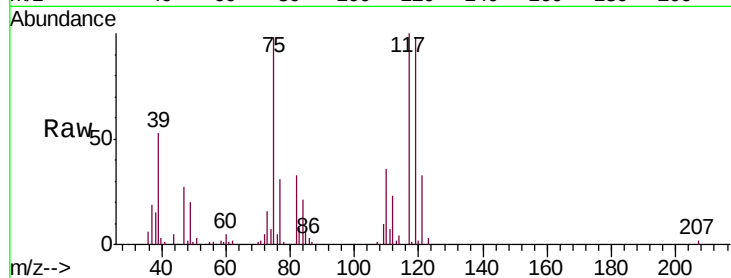
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.9	50.7
77	31.6	24.8	37.2

Manual Integrations
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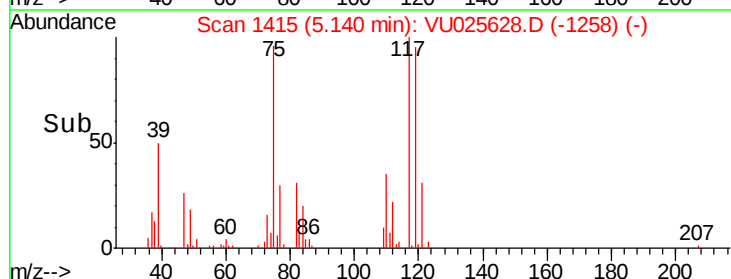
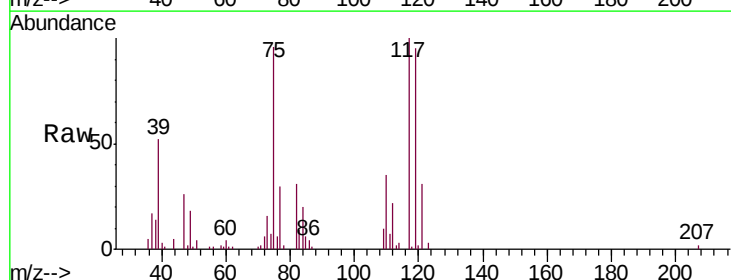
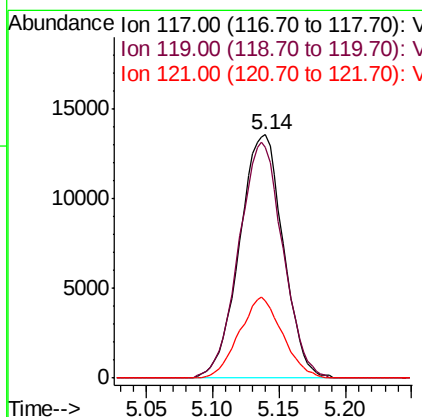
apatel
 7/26/2018 4:26:24 PM

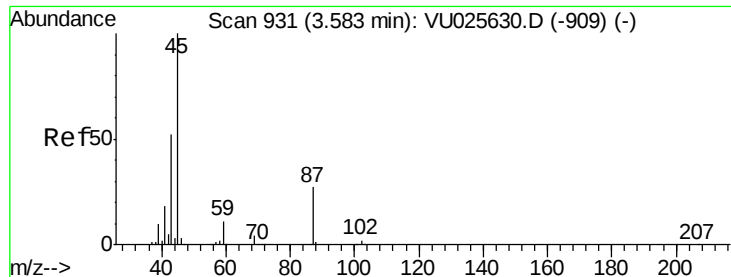
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#30
 Carbon Tetrachloride
 Concen: 2.622 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.3	115.9
121	31.5	24.5	36.7





#31

Isopropyl Ether

Concen: 1.877 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampled :

VSTDIC002

Tot Ion: 45 Resp: 57697

Ion Ratio Lower Upper

45 100

43 51.9 24.0 72.0

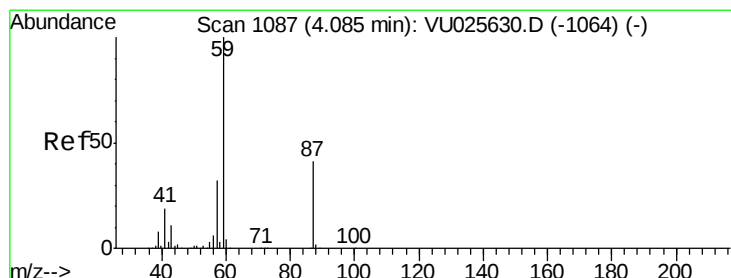
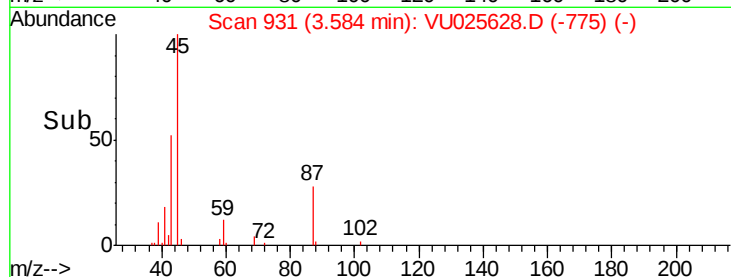
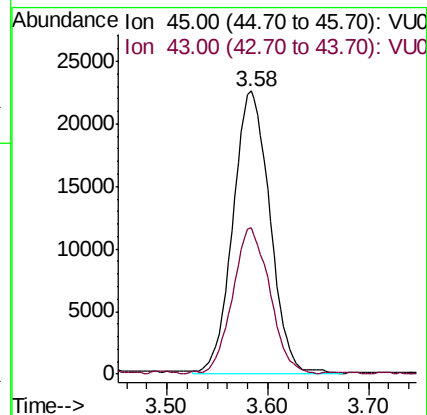
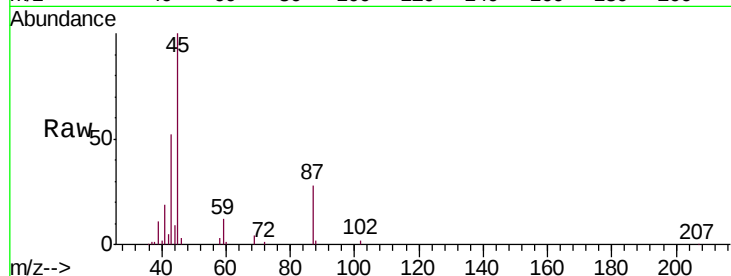
Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 2.069 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU025628.D

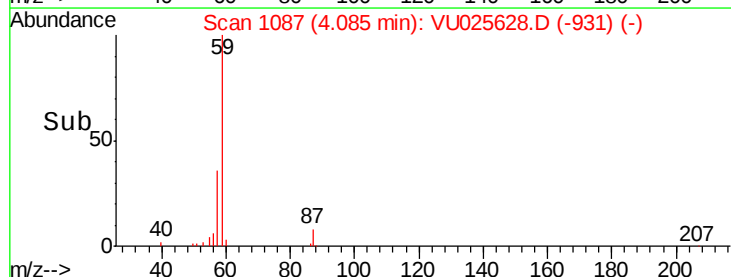
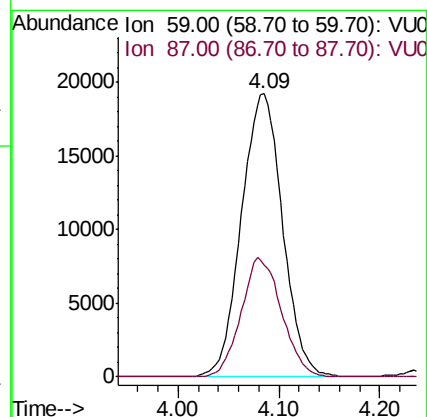
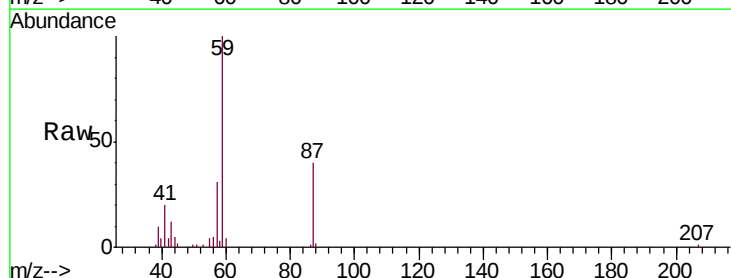
Acq: 25 Jul 2018 10:38

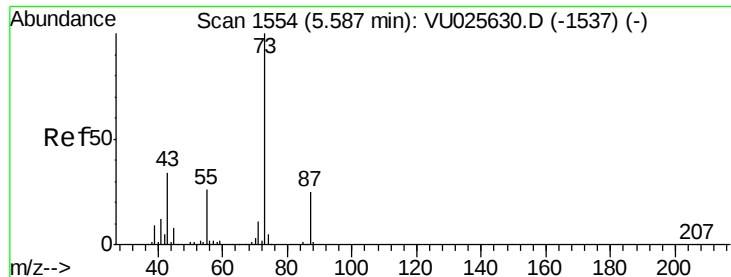
Tgt Ion: 59 Resp: 54334

Ion Ratio Lower Upper

59 100

87 41.3 31.0 46.6





#33
Tert-Butyl methyl ether
Concen: 2.157 ug/l
RT: 5.59 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

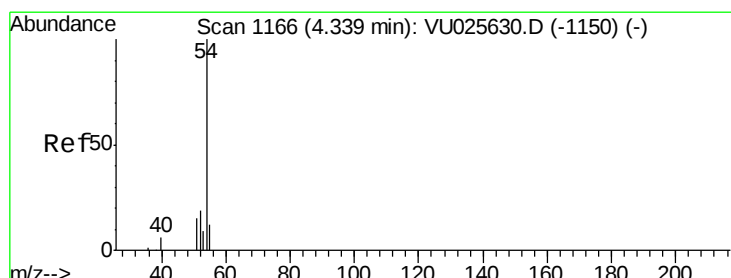
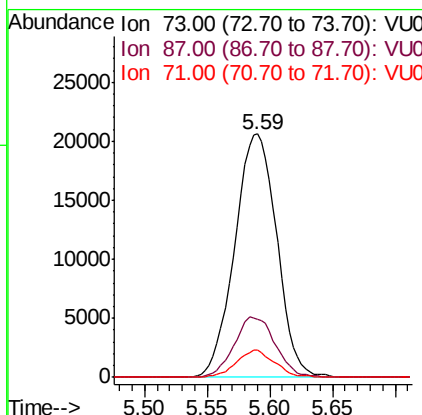
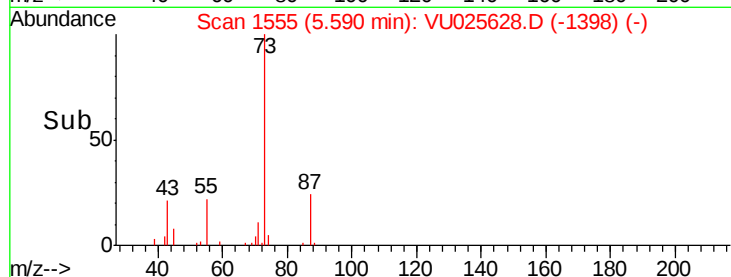
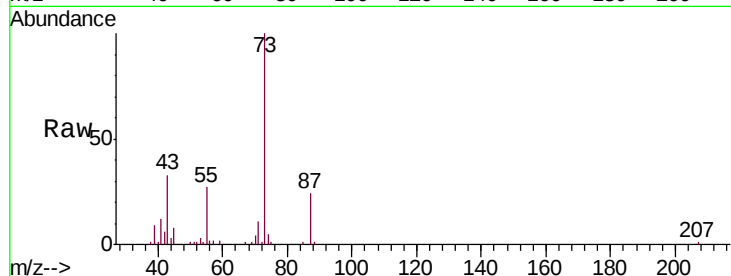
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	73	Resp:	47948
Ion	Ratio	Lower	Upper
73	100		
87	24.2	18.6	28.0
71	10.2	9.3	13.9

Manual Integrations
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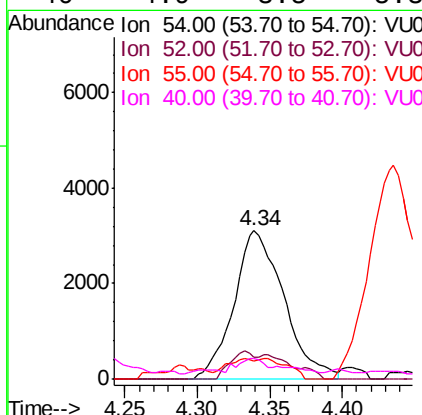
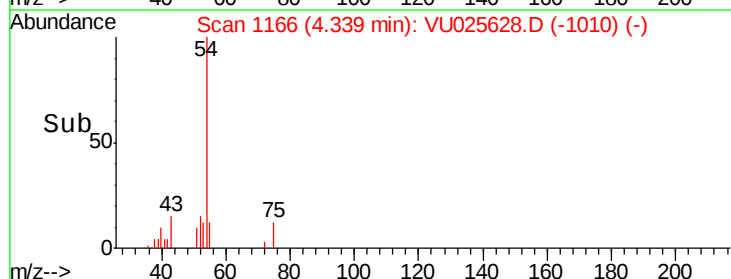
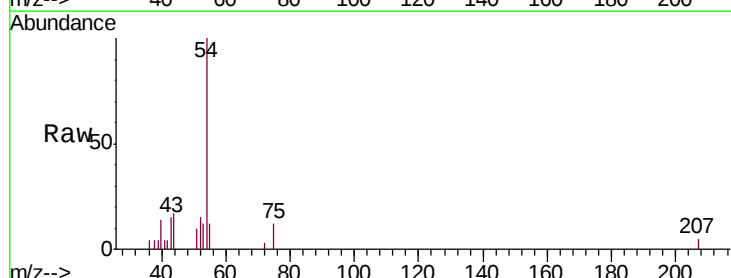
apatel
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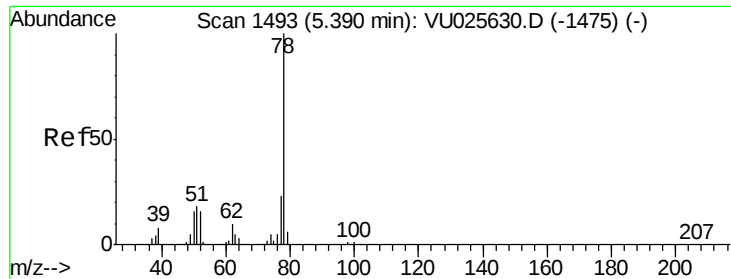
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#34
Propionitrile
Concen: 10.701 ug/l
RT: 4.34 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:	54	Resp:	7441
Ion	Ratio	Lower	Upper
54	100		
52	8.8	13.7	20.5#
55	4.8	10.2	15.2#
40	4.9	3.5	5.3





#35

Benzene

Concen: 1.942 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 78 Resp: 79658

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7

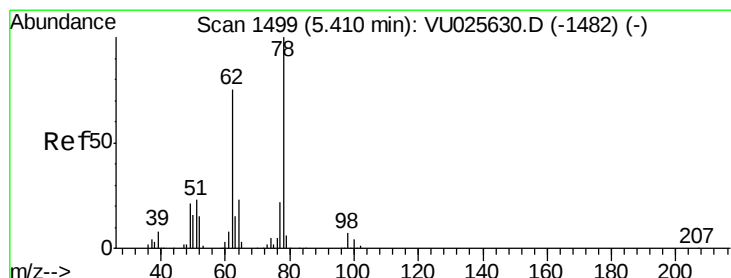
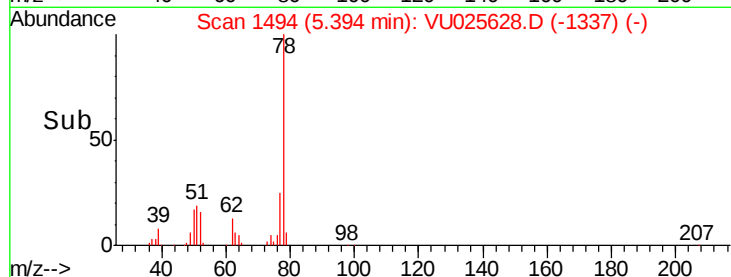
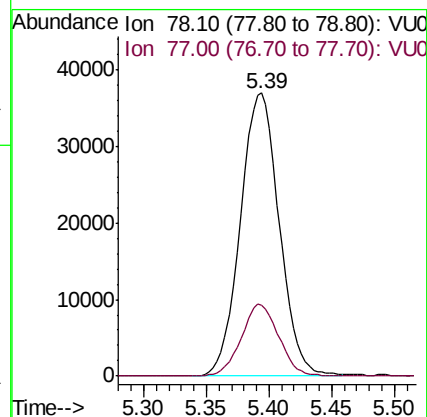
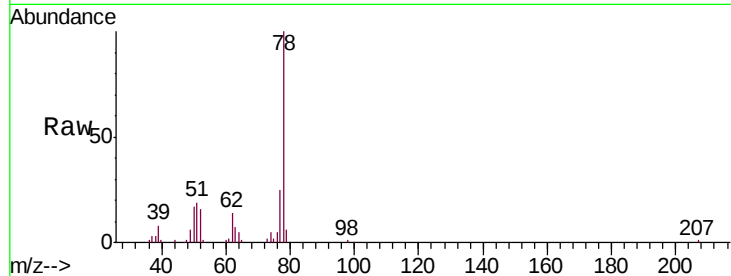
Manual Integrations

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#36

1,2-Dichloroethane

Concen: 2.173 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025628.D

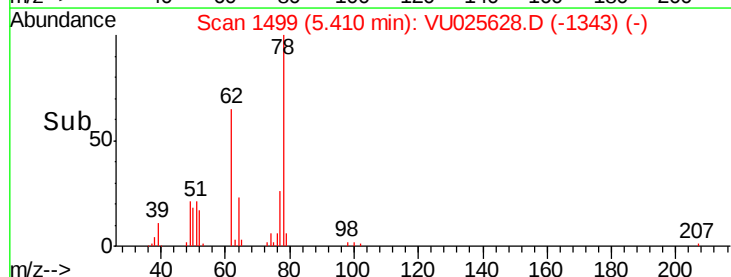
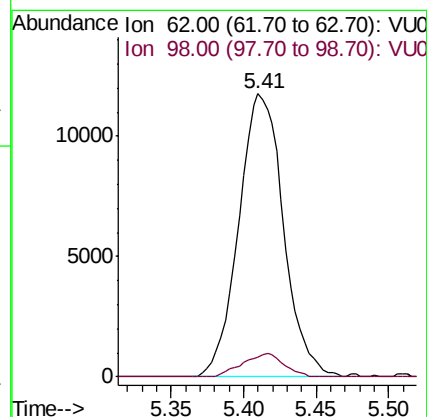
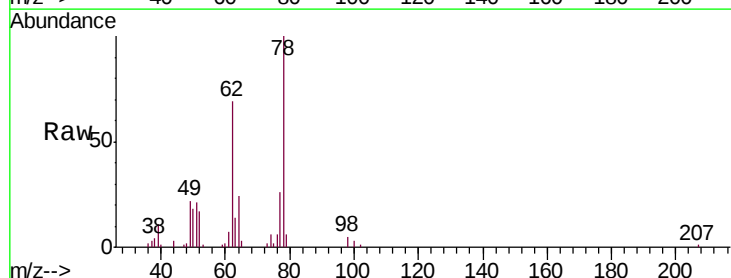
Acq: 25 Jul 2018 10:38

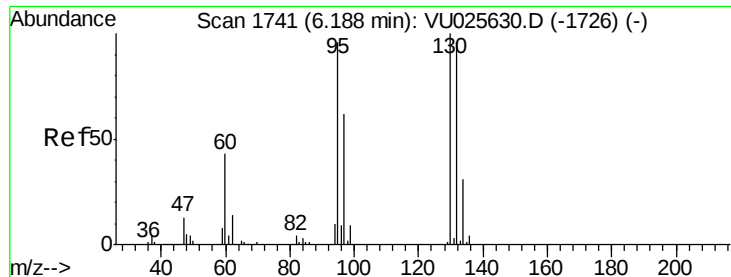
Tgt Ion: 62 Resp: 25214

Ion Ratio Lower Upper

62 100

98 7.7 7.2 10.8





#37

Trichloroethene

Concen: 2.046 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampled :

VSTDIC002

Tot Ion:130 Resp: 22535

Ion Ratio Lower Upper

130 100

95 95.7 77.9 116.9

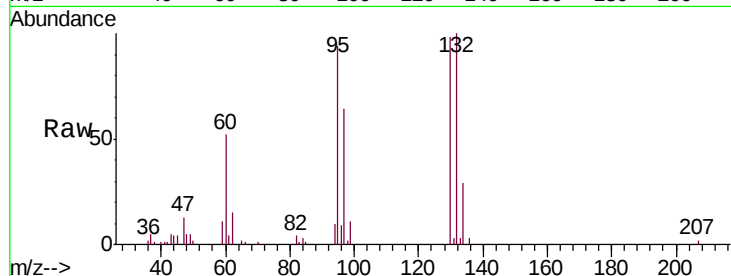
Manual Integrations

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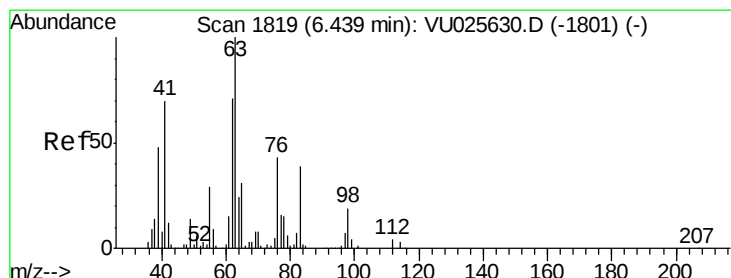
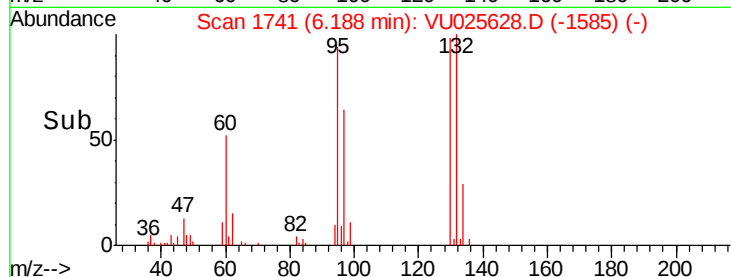
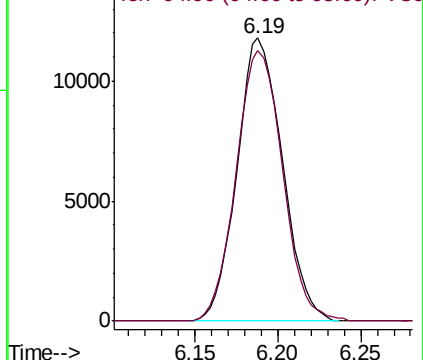
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 1.816 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025628.D

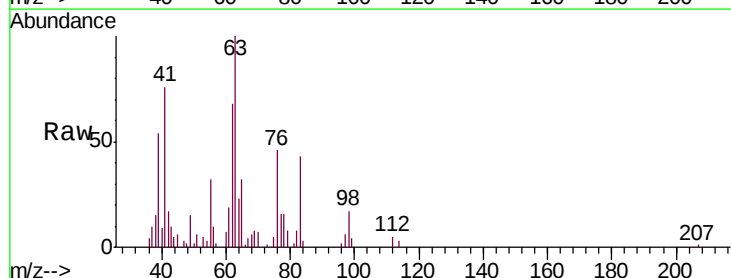
Acq: 25 Jul 2018 10:38

Tgt Ion: 63 Resp: 20437

Ion Ratio Lower Upper

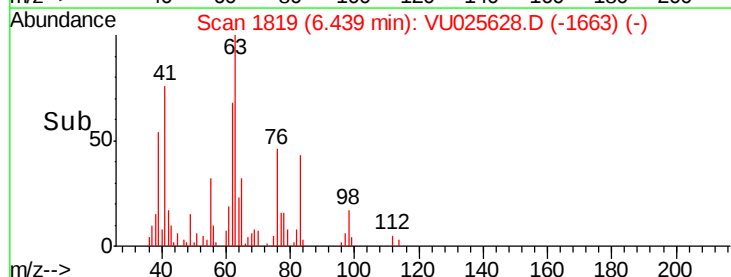
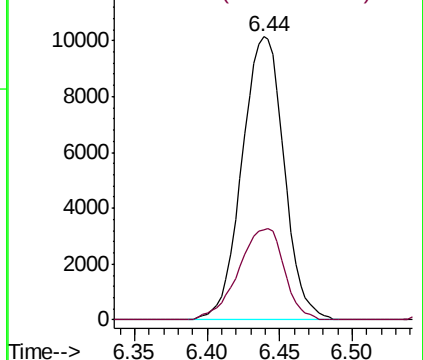
63 100

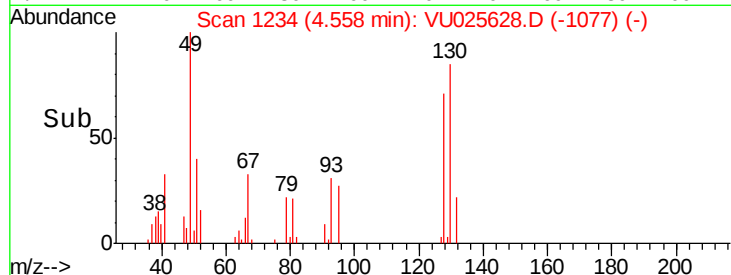
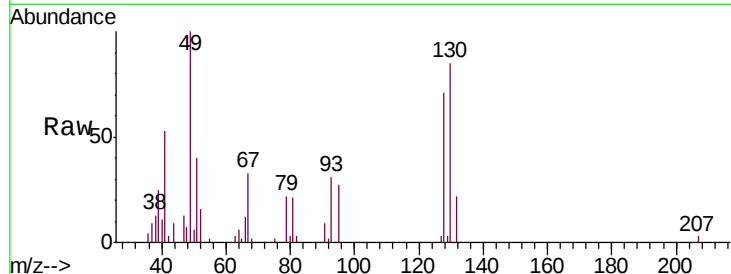
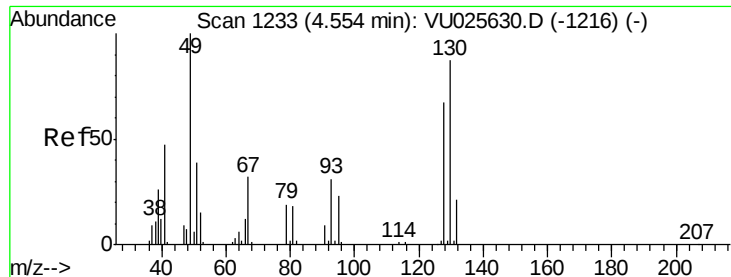
65 31.8 25.8 38.8



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





#39
Methacrylonitrile
Concen: 2.017 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

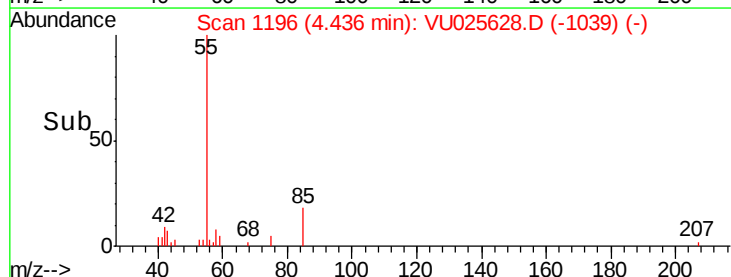
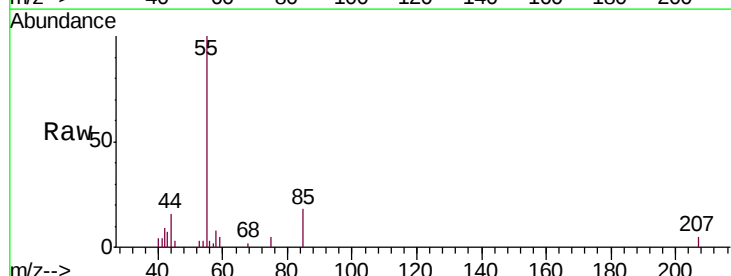
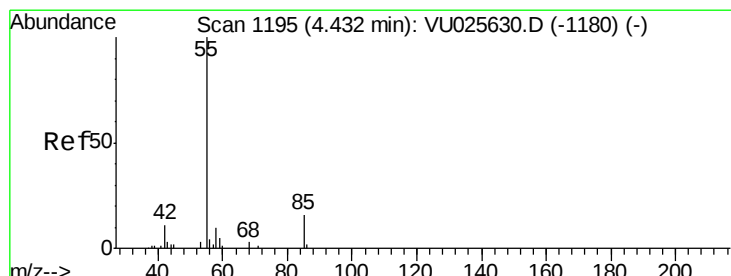
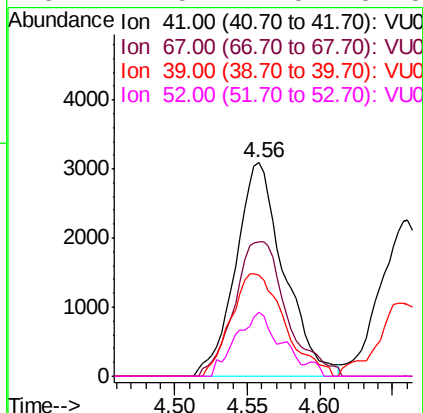
Tot Ion:	41	Resp:	7172
Ion	Ratio	Lower	Upper
41	100		
67	67.8	51.3	76.9
39	52.7	40.6	60.8
52	27.5	21.5	32.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Manual Integrations
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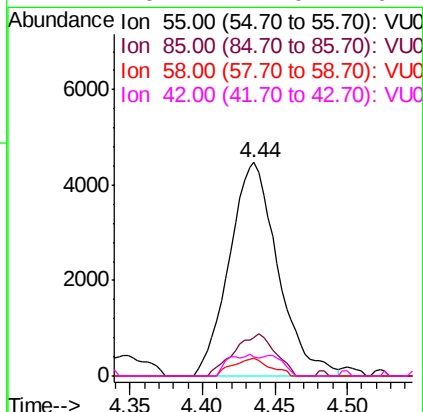
apatel
7/26/2018 4:26:24 PM

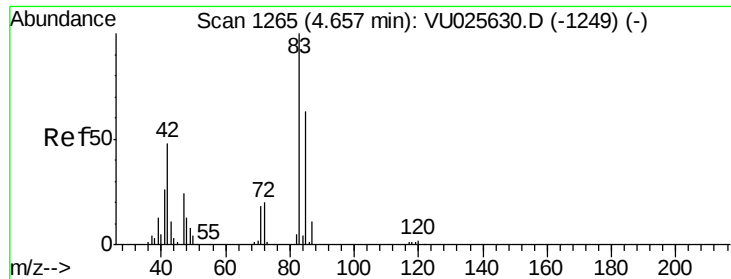
7/26/2018 4:26:24 PM



#40
Methyl acrylate
Concen: 2.110 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:	55	Resp:	10408
Ion	Ratio	Lower	Upper
55	100		
85	16.7	12.3	18.5
58	6.3	7.0	10.6#
42	6.1	7.0	10.4#





#41
Tetrahydrofuran
Concen: 4.504 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

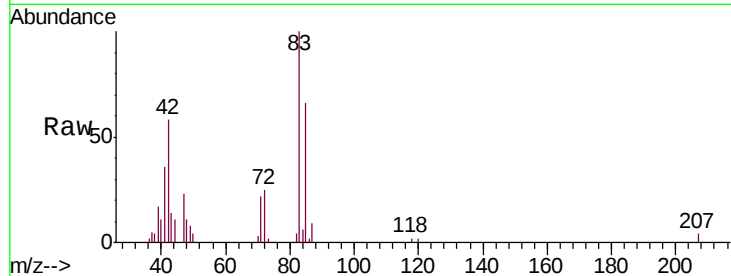
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.2	49.8
71	39.0	29.8	44.8

Manual Integrations
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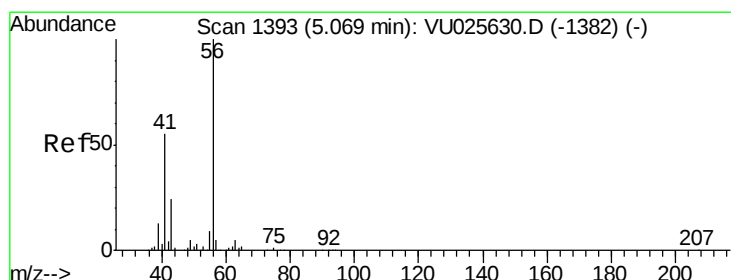
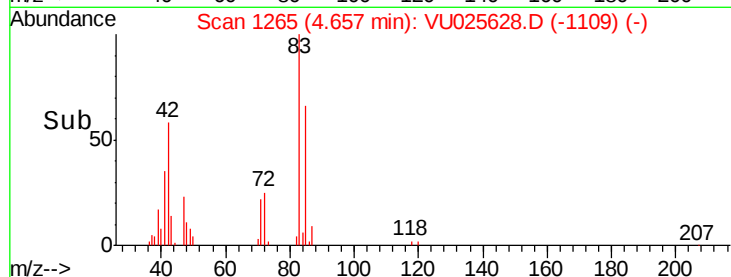
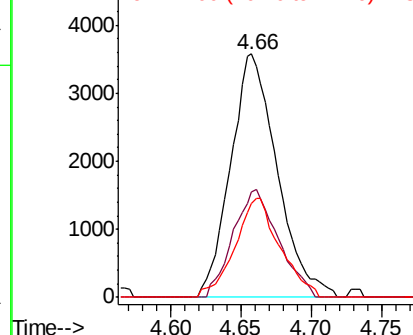


Abundance

Ion 42.00 (41.70 to 42.70): VU0

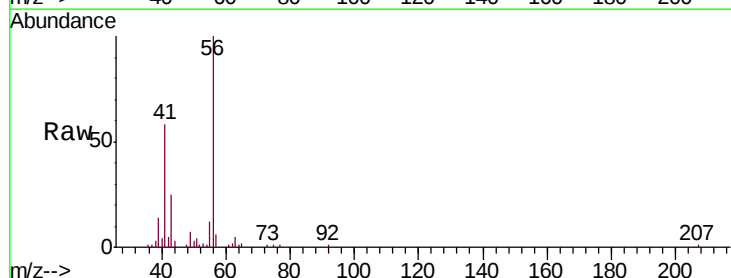
Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42
1-Chlorobutane
Concen: 1.904 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

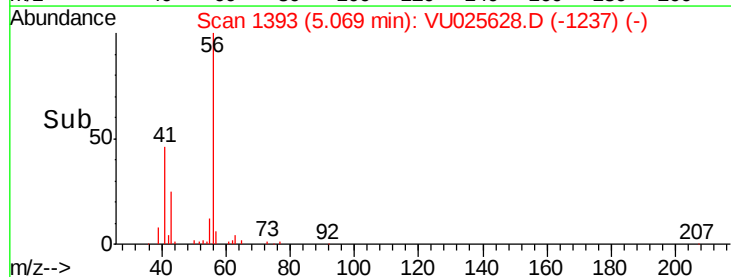
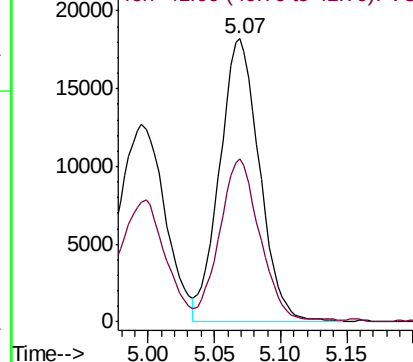
Tgt Ion	Ratio	Lower	Upper
56	100		
41	56.8	27.5	82.5

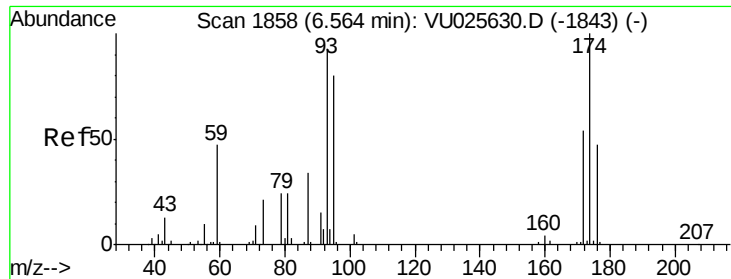


Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.222 ug/l

RT: 6.57 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

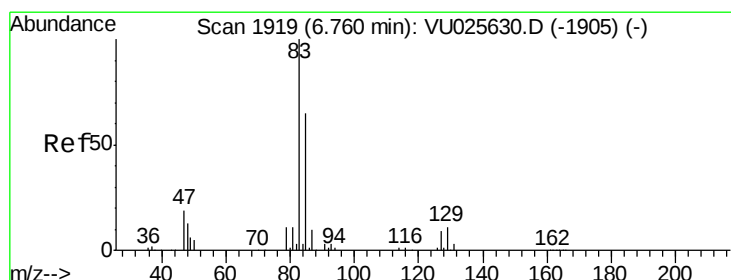
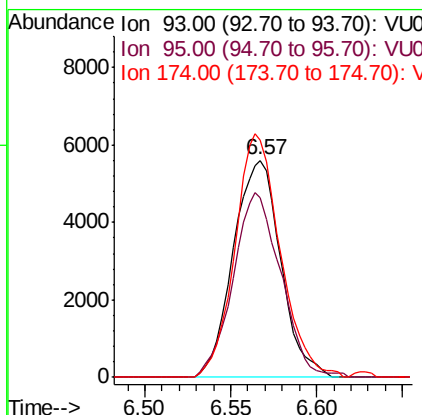
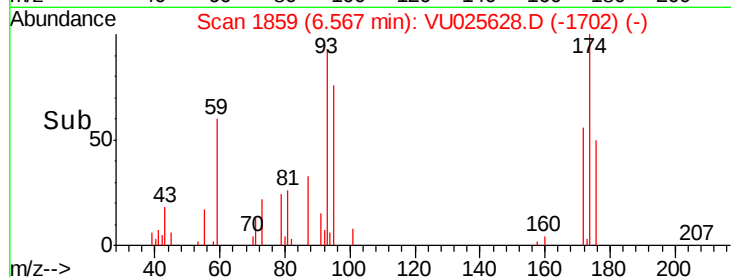
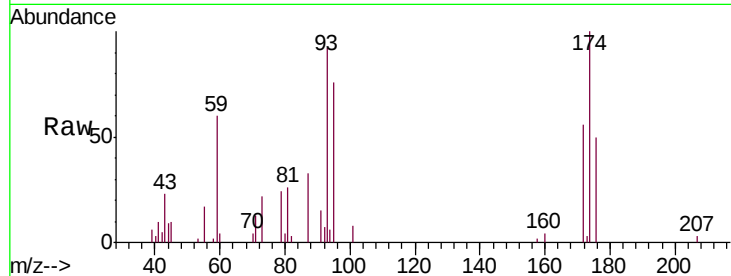
Tot Ion:	93	Resp:	10753
Ion	Ratio	Lower	Upper
93	100		
95	85.5	67.2	100.8
174	107.0	82.8	124.2

Manual Integrations
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#44

Bromodichloromethane

Concen: 2.252 ug/l

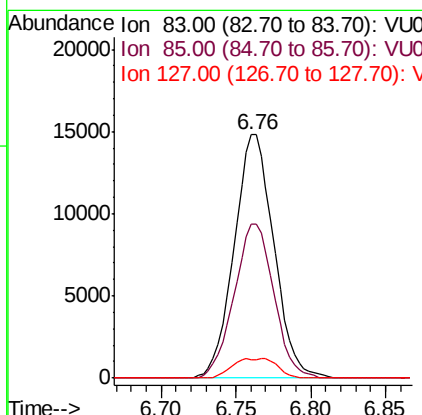
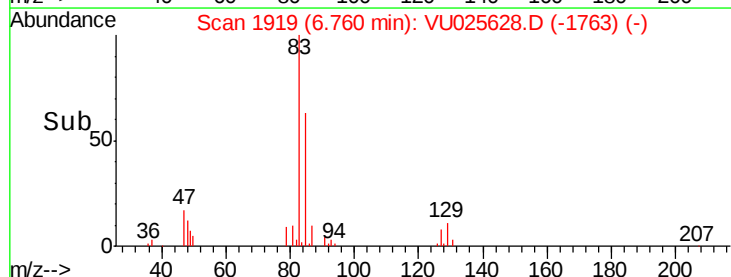
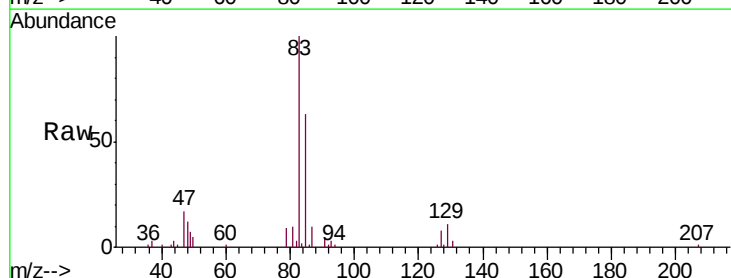
RT: 6.76 min Scan# 1919

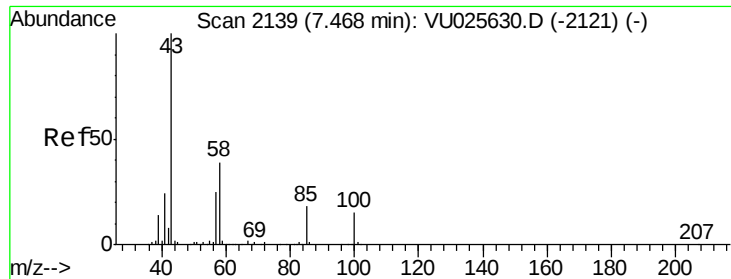
Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tgt Ion:	83	Resp:	27384
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.2	78.4
127	7.8	7.0	10.4





#45
4-Methyl-2-Pentanone
Concen: 10.516 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

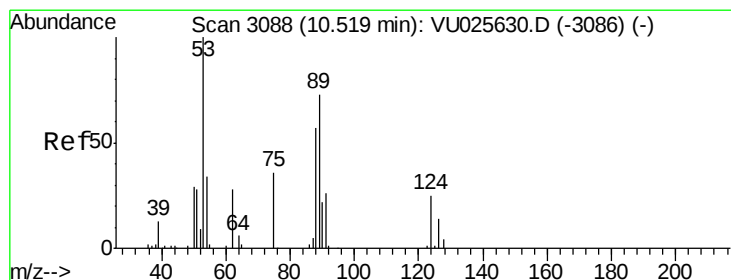
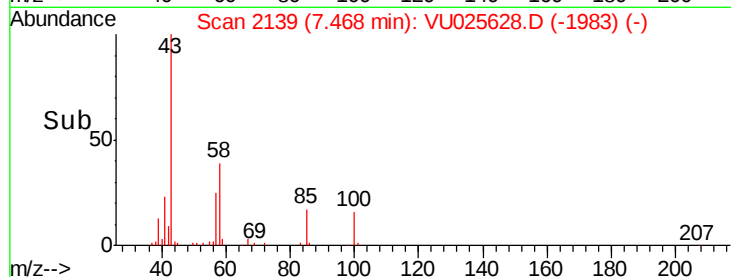
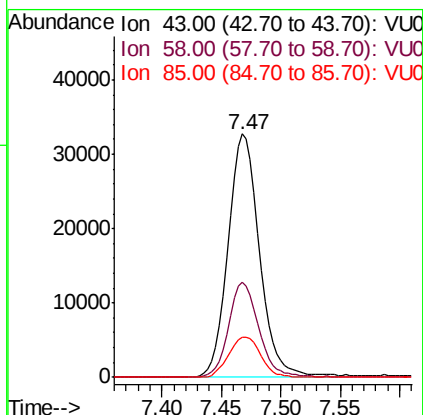
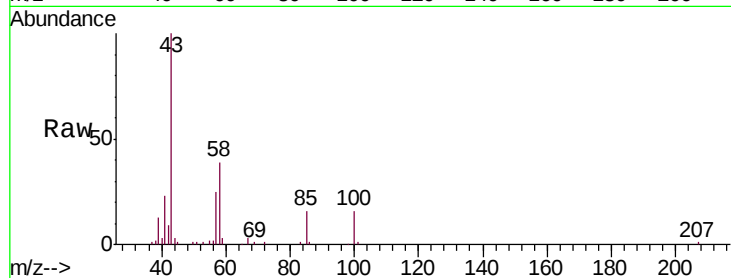
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:	43	Resp:	60151
Ion	Ratio	Lower	Upper
43	100		
58	37.3	18.8	56.4
85	17.0	12.6	19.0

Manual Integrations
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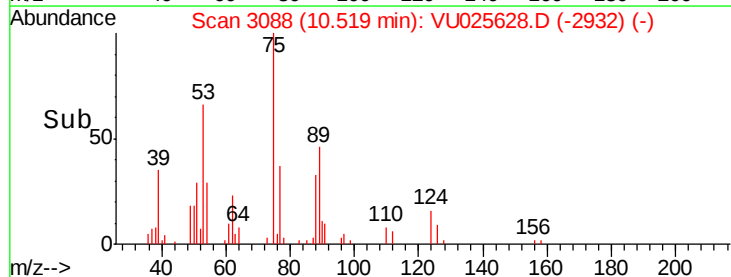
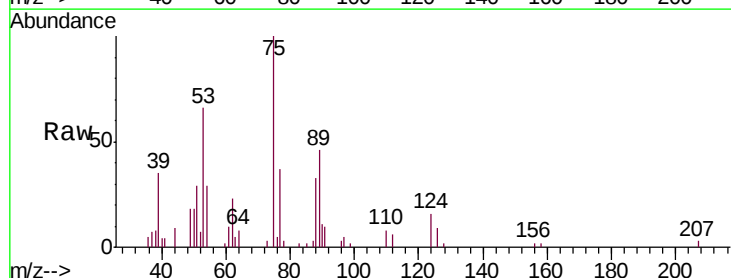
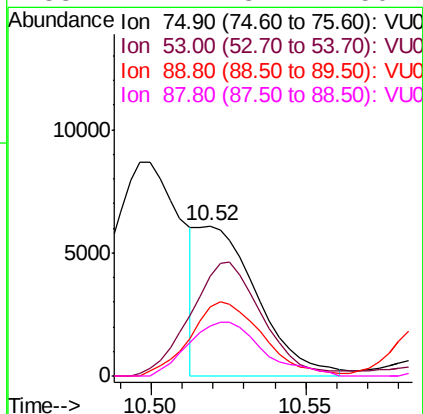
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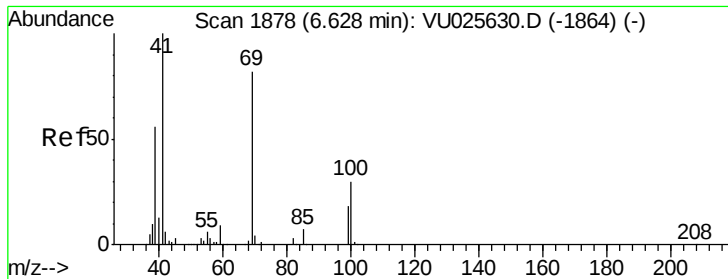
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#46
t-1,4-Dichloro-2-butene
Concen: 4.867 ug/l m
RT: 10.52 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:	75	Resp:	8231
Ion	Ratio	Lower	Upper
75	100		
53	90.9	82.2	123.4
89	59.4	51.3	76.9
88	44.2	37.4	56.2





#47
Methyl methacrylate
Concen: 3.951 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

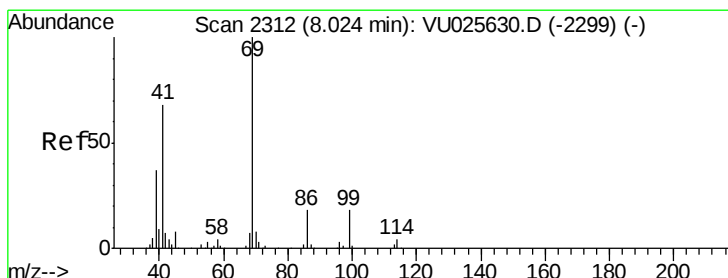
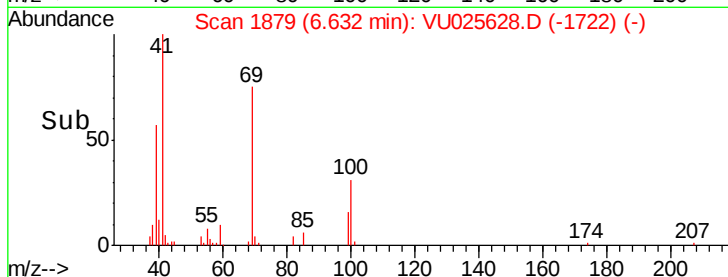
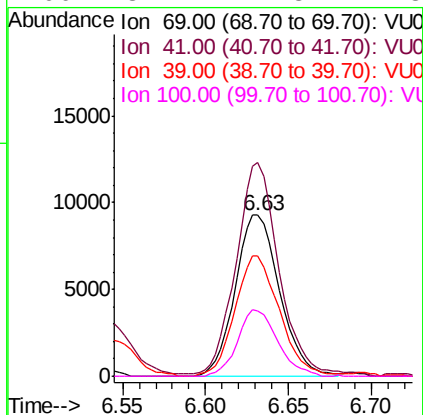
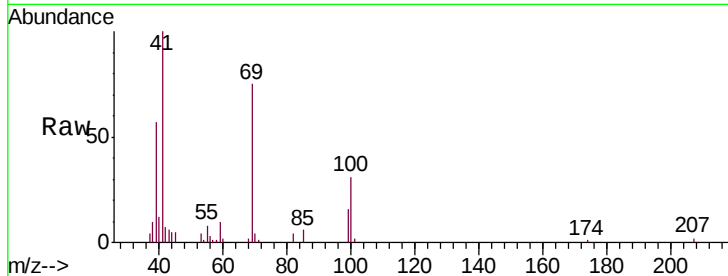
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
69	100		
41	129.0	0.0	245.4
39	74.5	49.0	73.4#
100	37.1	27.8	41.8

Manual Integrations
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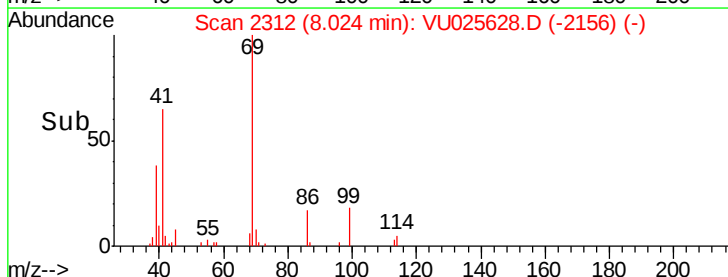
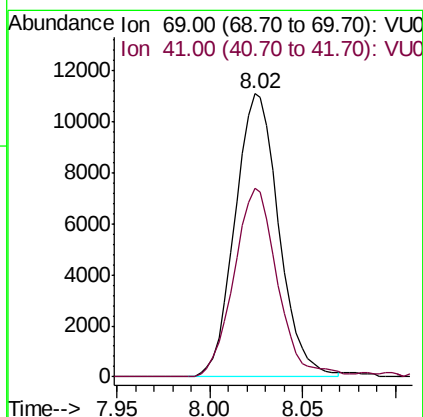
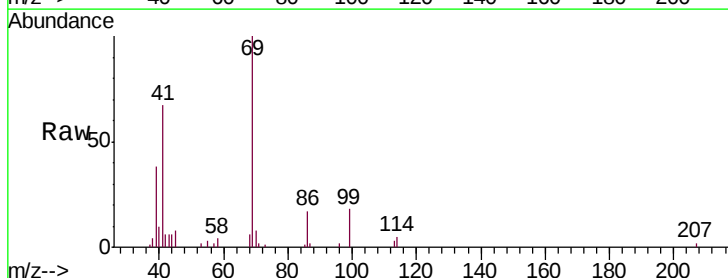
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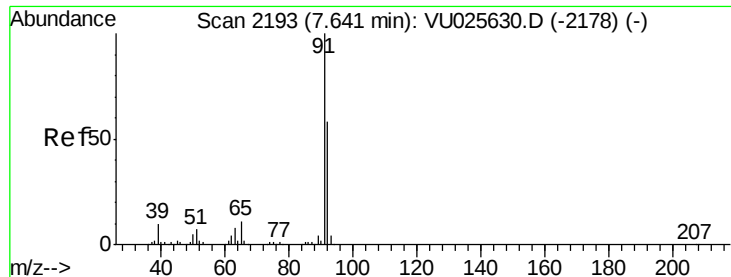
7/26/2018 4:26:24 PM



#48
Ethyl methacrylate
Concen: 2.372 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	34.2	102.5





#49

Toluene

Concen: 2.031 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 92 Resp: 48123

Ion Ratio Lower Upper

92 100

91 171.4 137.1 205.7

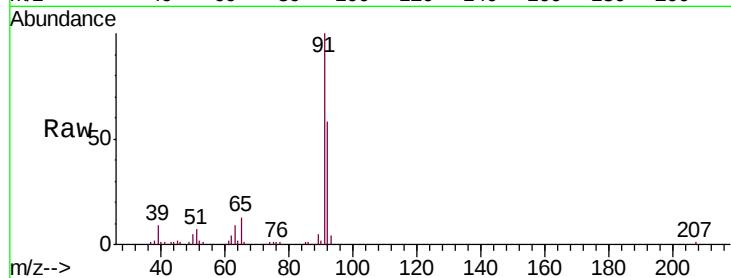
Manual Integrations

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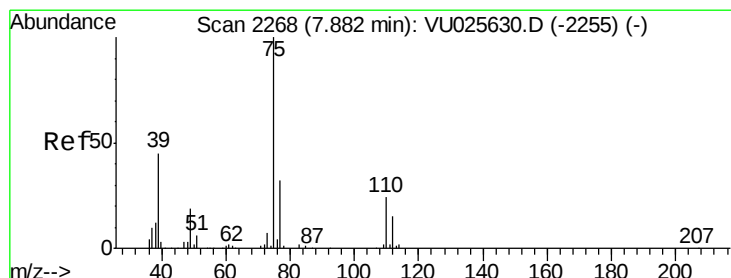
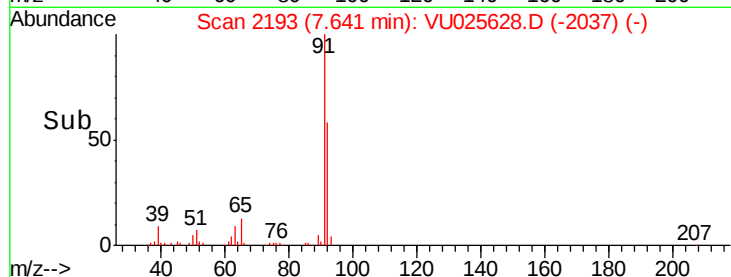
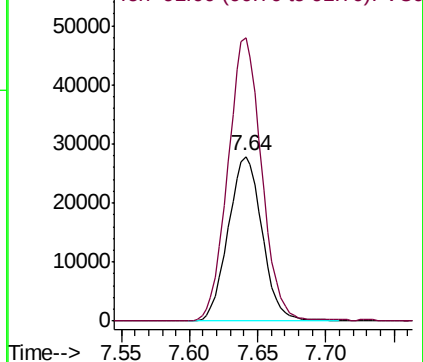
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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#50

t-1,3-Dichloropropene

Concen: 2.357 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025628.D

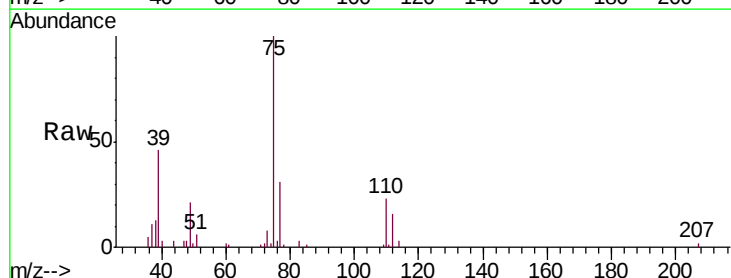
Acq: 25 Jul 2018 10:38

Tgt Ion: 75 Resp: 24468

Ion Ratio Lower Upper

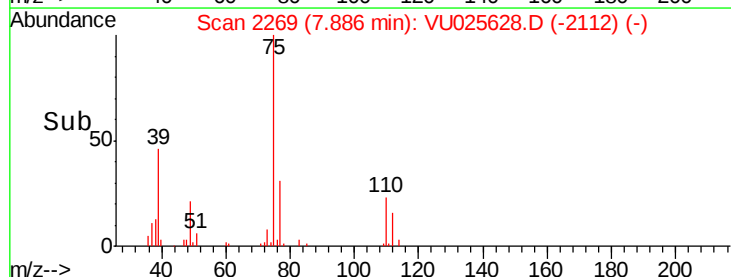
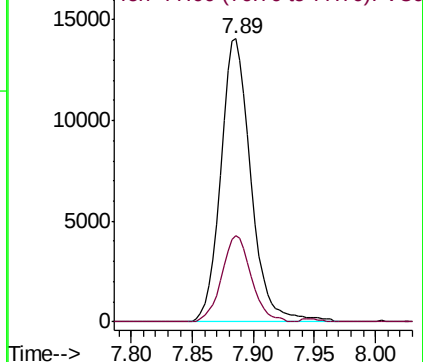
75 100

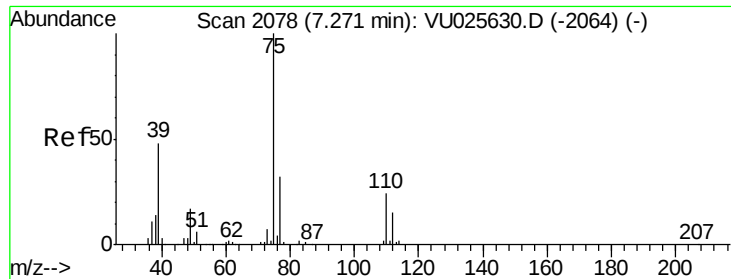
77 30.7 25.2 37.8



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: 2.163 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

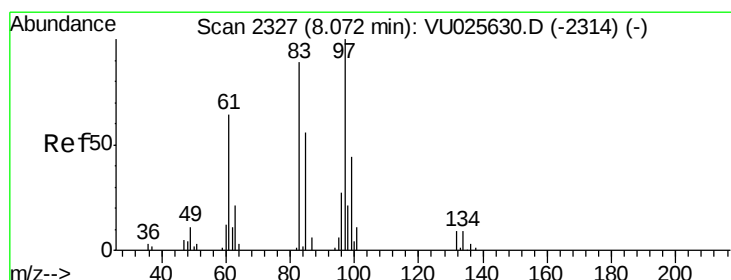
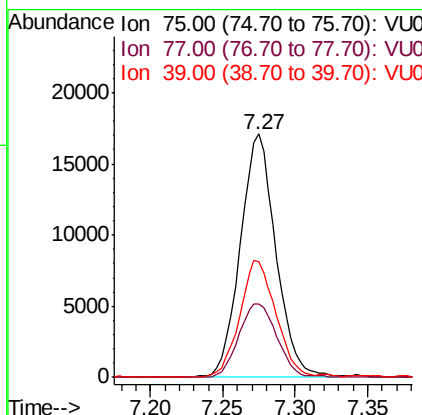
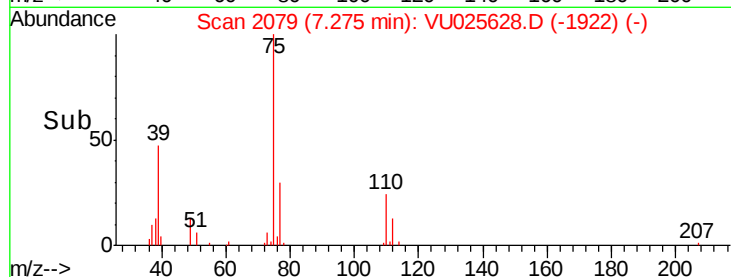
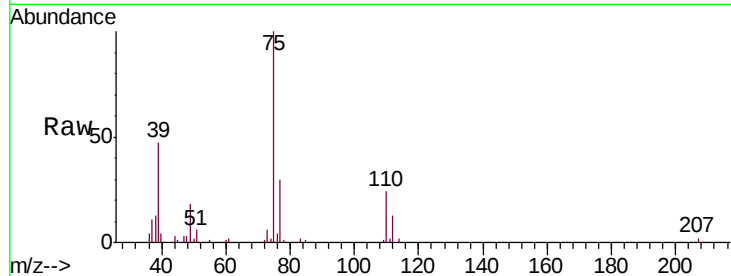
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:	75	Resp:	29219
Ion Ratio	Lower	Upper	
75	100		
77	30.1	25.2	37.8
39	47.3	36.4	54.6

Manual Integrations
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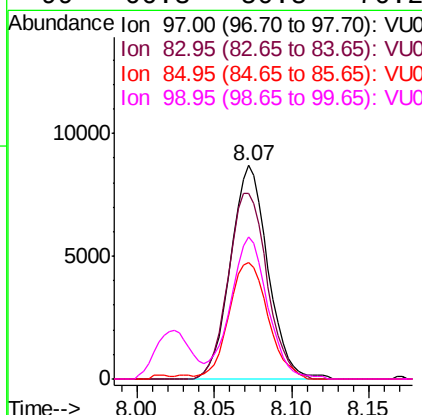
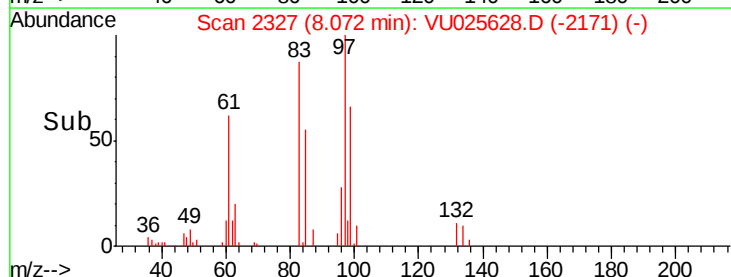
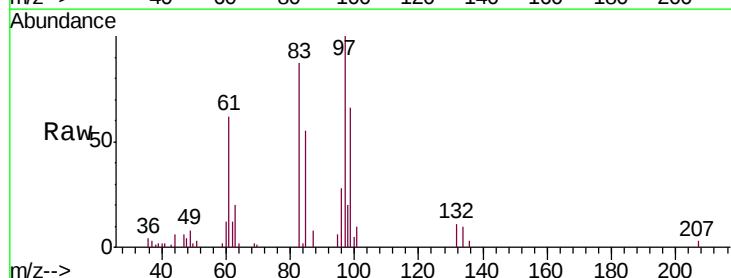
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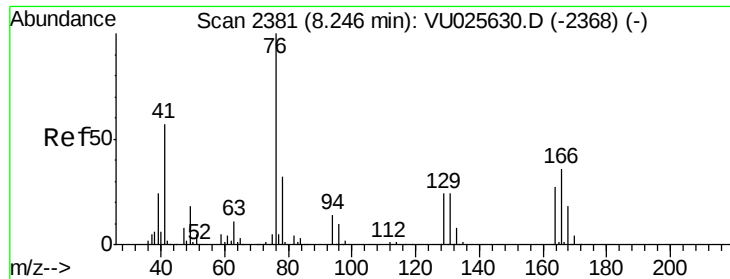
7/26/2018 4:26:24 PM



#52
 1,1,2-Trichloroethane
 Concen: 2.117 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion:	97	Resp:	14576
Ion Ratio	Lower	Upper	
97	100		
83	86.7	72.6	109.0
85	54.7	47.2	70.8
99	66.3	50.8	76.2





#53

1,3-Dichloropropane

Concen: 2.029 ug/l

RT: 8.25 min Scan# 2382

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 76 Resp: 24840

Ion Ratio Lower Upper

76 100

78 34.2 25.7 38.5

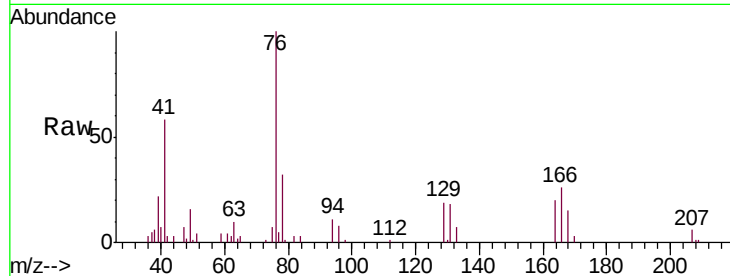
Manual Integrations

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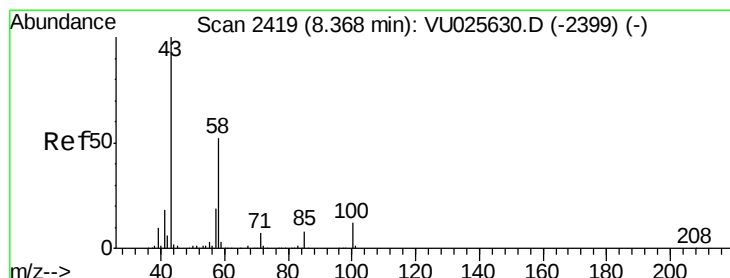
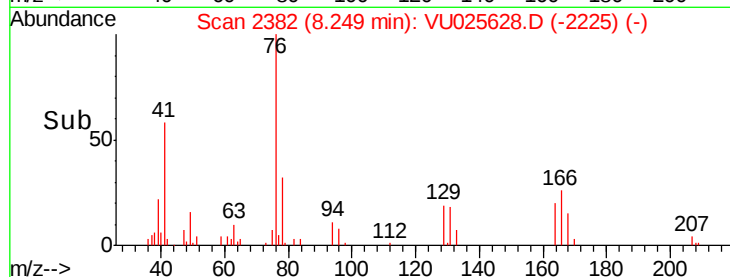
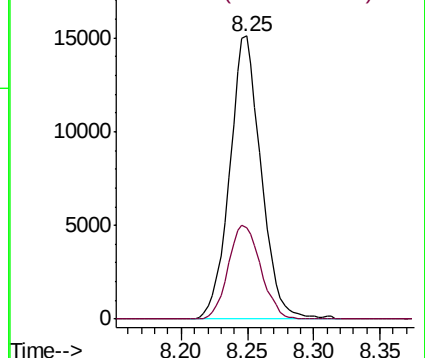
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Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#54

2-Hexanone

Concen: 10.731 ug/l

RT: 8.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

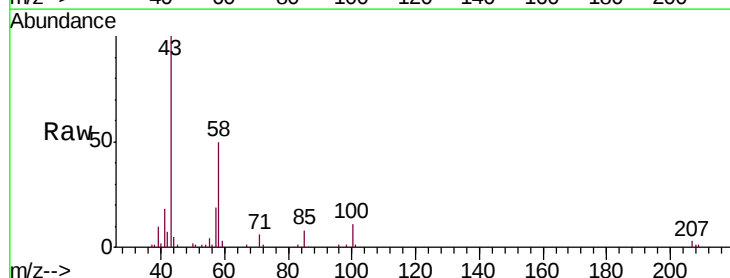
Tgt Ion: 43 Resp: 41812

Ion Ratio Lower Upper

43 100

58 51.2 32.5 72.5

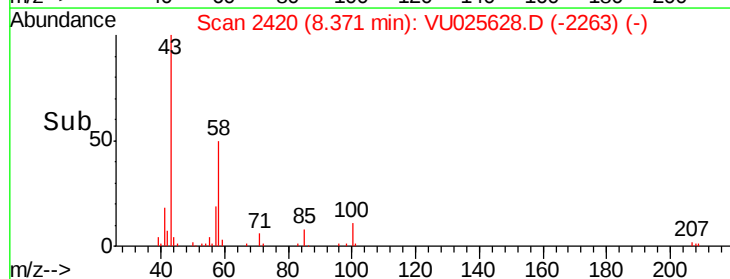
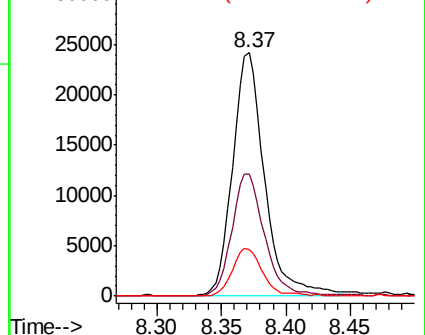
57 18.5 0.0 37.9

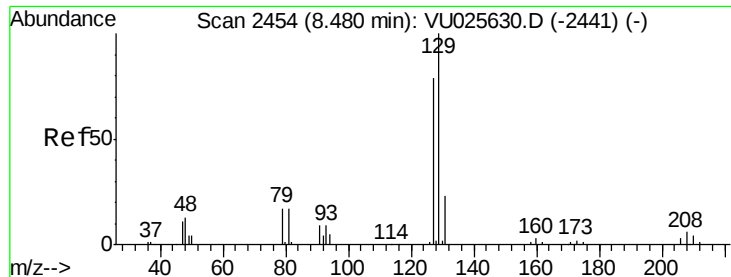


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#55

Dibromochloromethane

Concen: 2.455 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:129 Resp: 18523

Ion Ratio Lower Upper

129 100

127 73.9 61.1 91.7

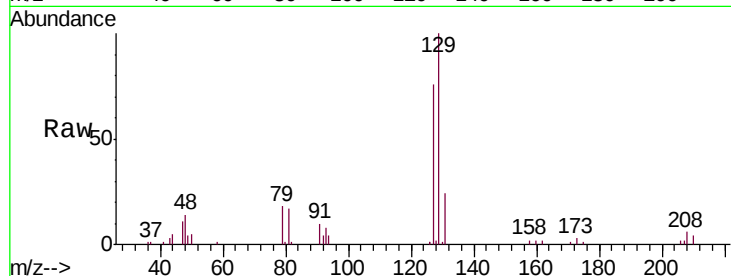
Manual Integrations

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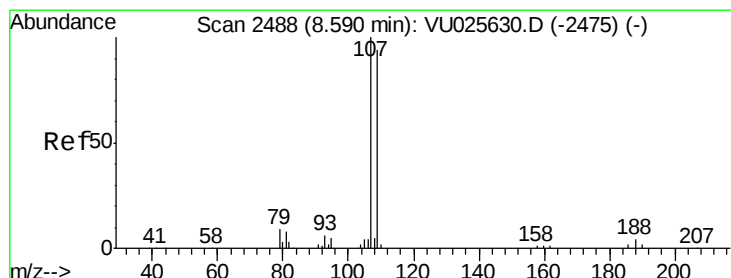
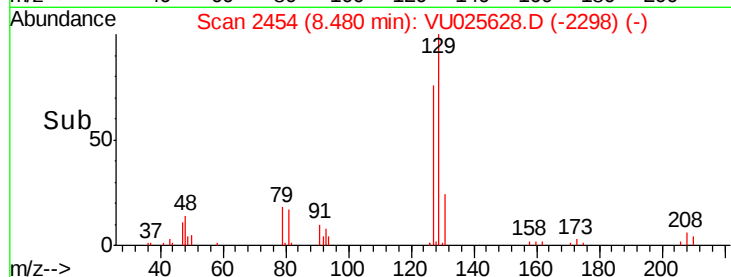
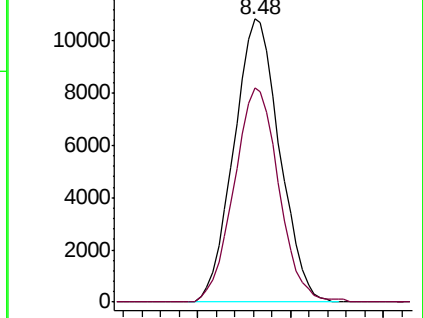
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.379 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025628.D

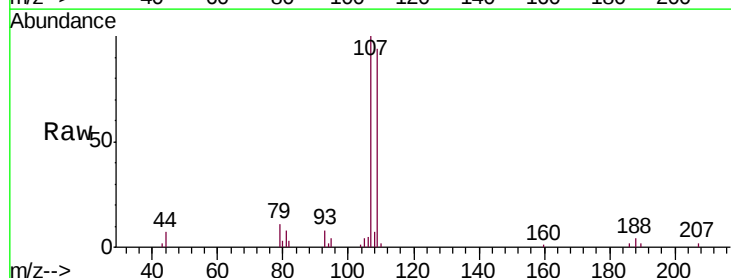
Acq: 25 Jul 2018 10:38

Tgt Ion:107 Resp: 14113

Ion Ratio Lower Upper

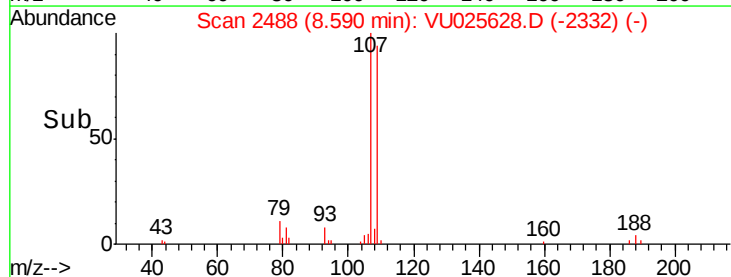
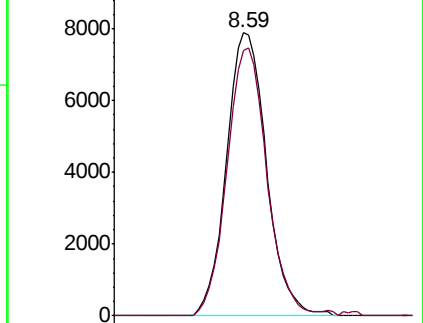
107 100

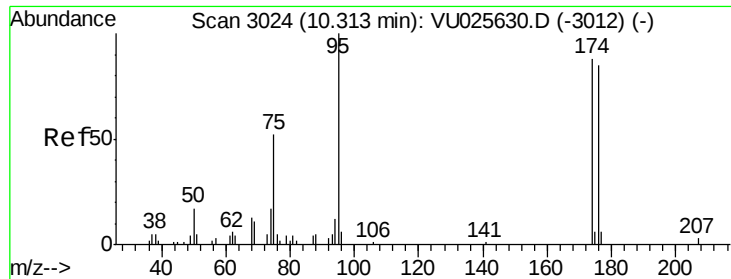
109 94.2 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 2.379 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

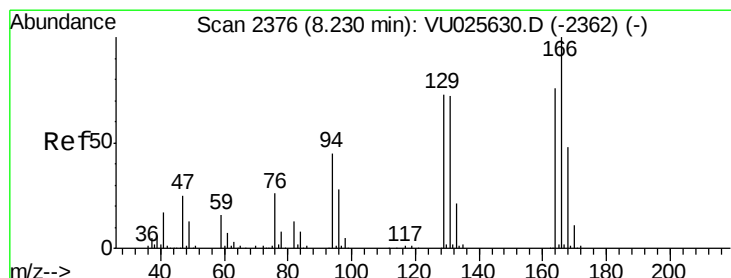
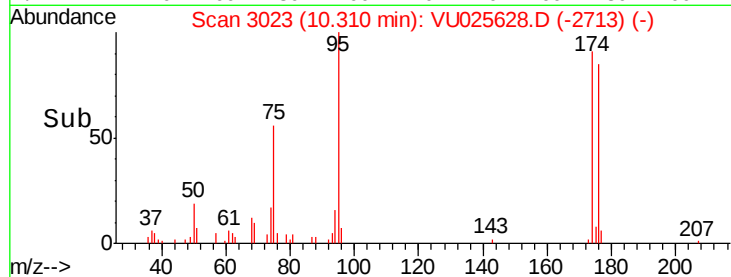
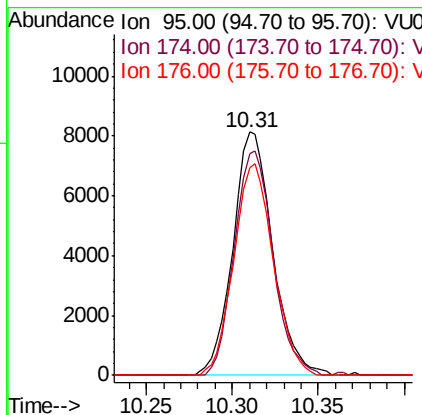
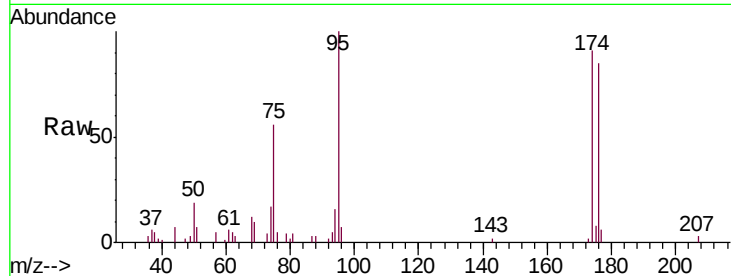
Tot Ion:	95	Resp:	13114
Ion Ratio	Lower	Upper	
95	100		
174	89.5	65.6	98.4
176	86.0	62.0	93.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 2.097 ug/l

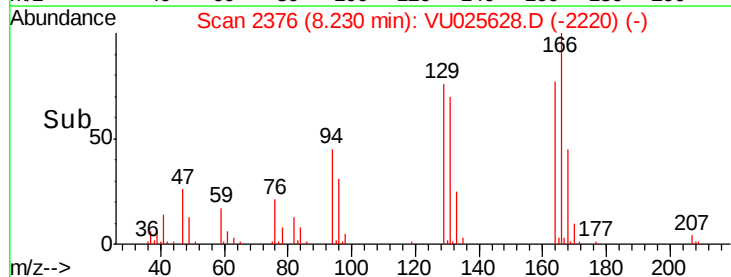
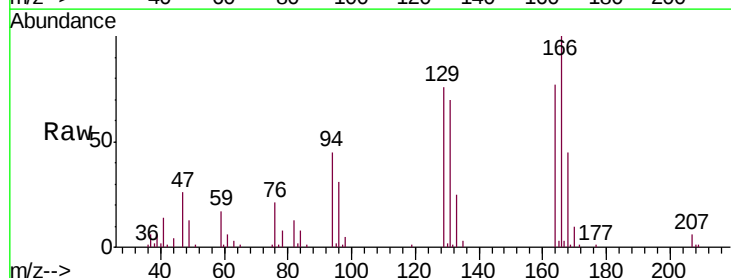
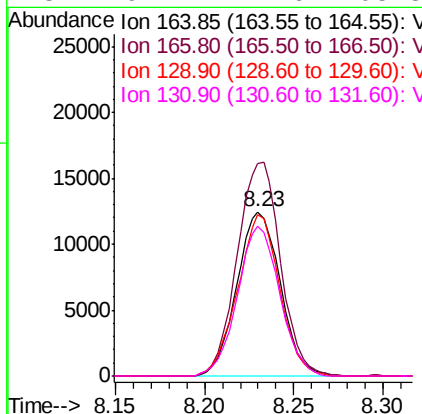
RT: 8.23 min Scan# 2376

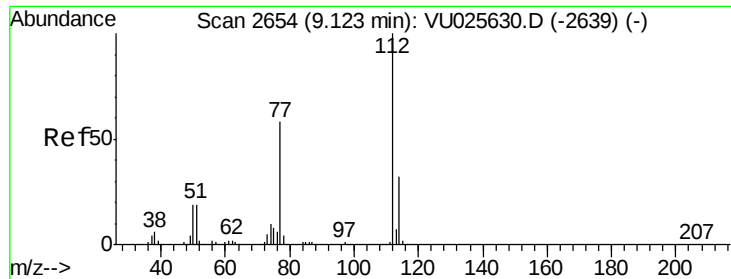
Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tgt Ion:	164	Resp:	21058
Ion Ratio	Lower	Upper	
164	100		
166	129.9	104.1	156.1
129	98.1	76.8	115.2
131	91.2	72.6	108.8





#59
Chlorobenzene
Concen: 2.200 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

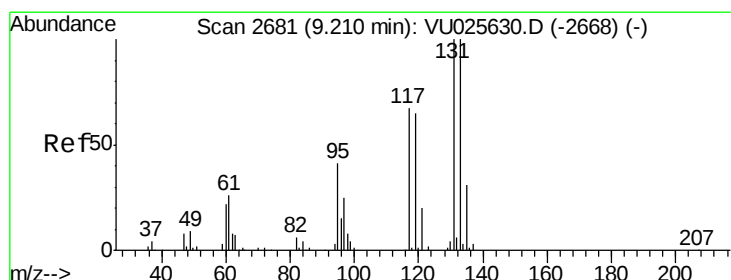
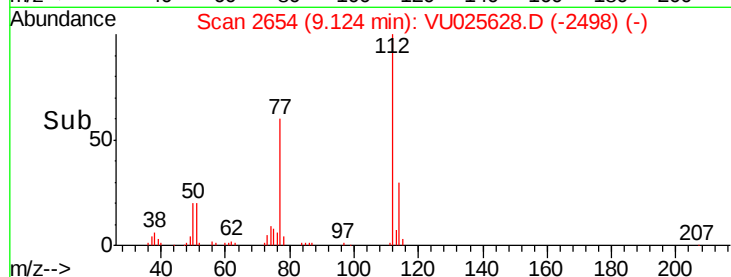
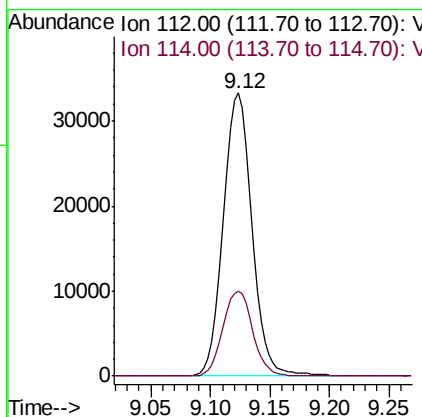
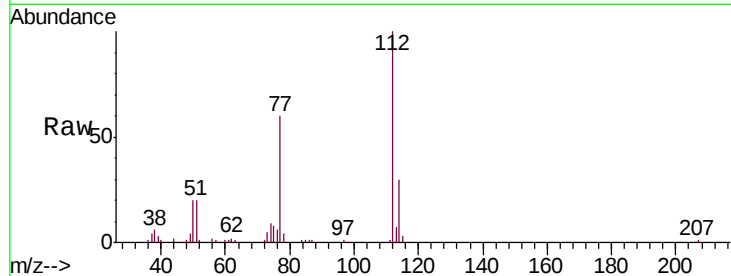
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.8	25.4	38.2

Manual Integrations
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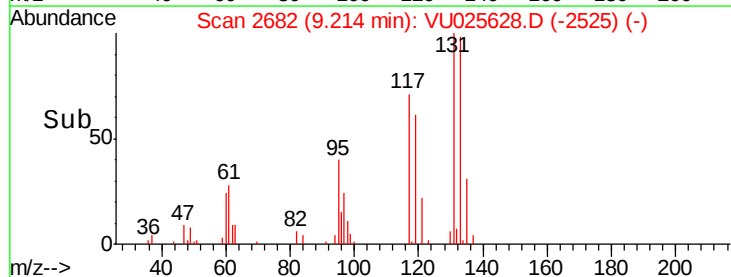
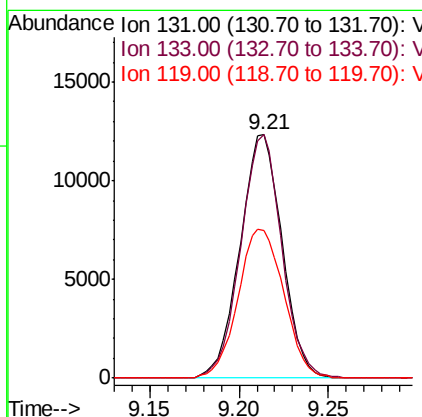
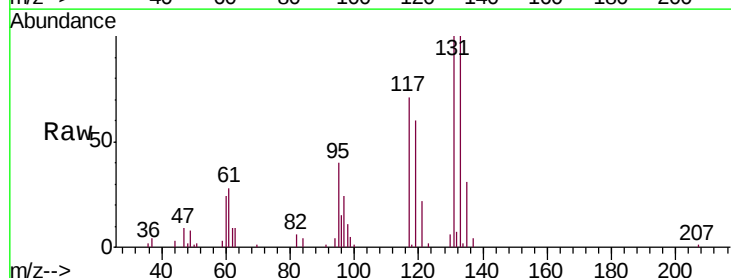
apatel
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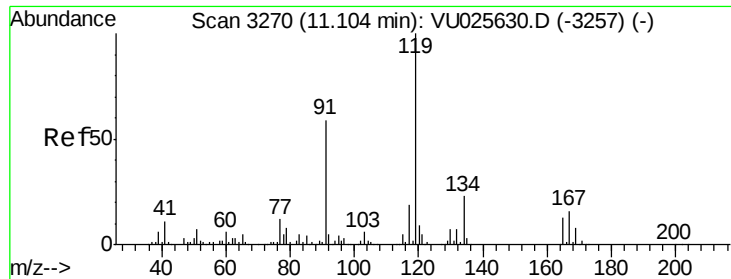
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.357 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	75.8	113.8
119	66.4	53.0	79.6





#61
 Pentachloroethane
 Concen: 2.520 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

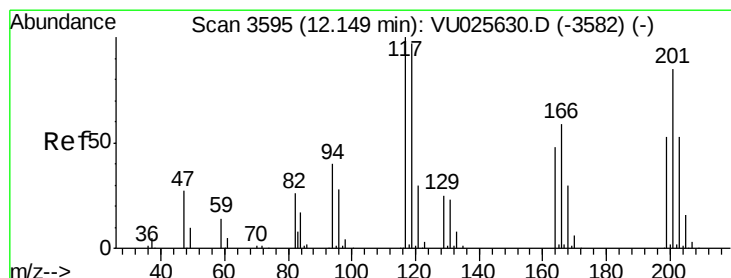
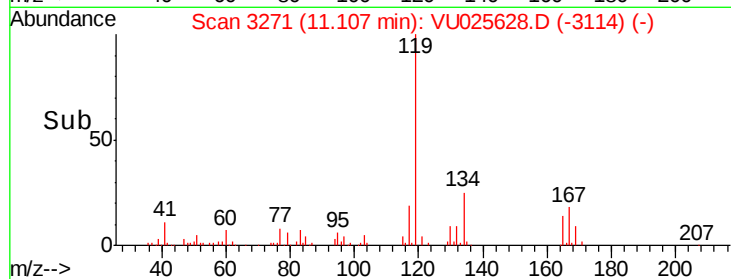
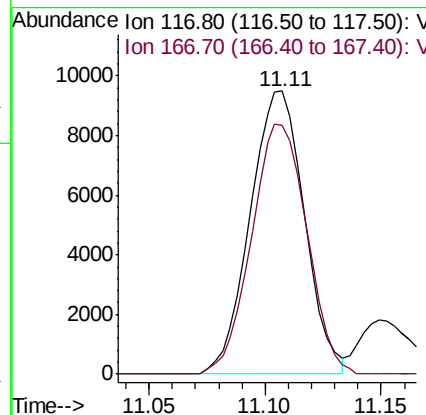
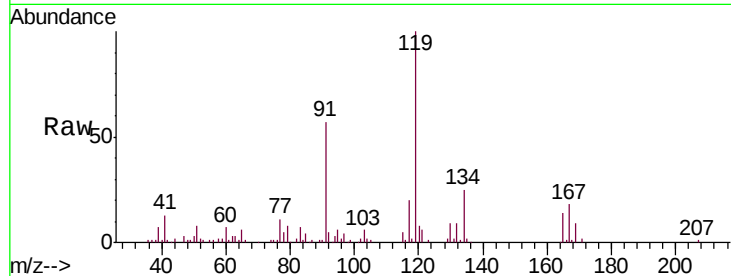
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:117 Resp: 15409
 Ion Ratio Lower Upper
 117 100
 167 90.1 69.2 103.8

Manual Integrations
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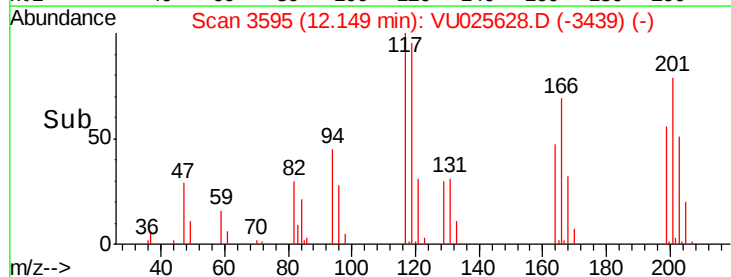
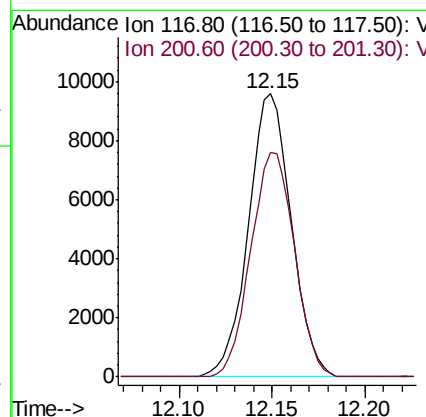
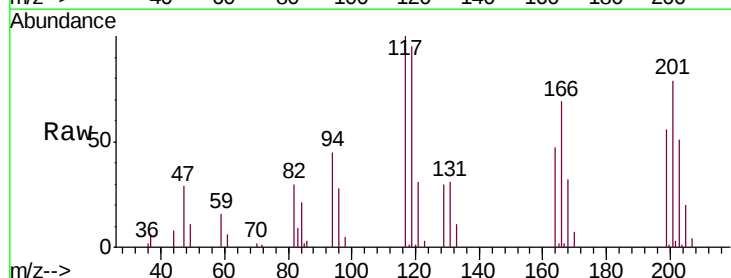
apatel
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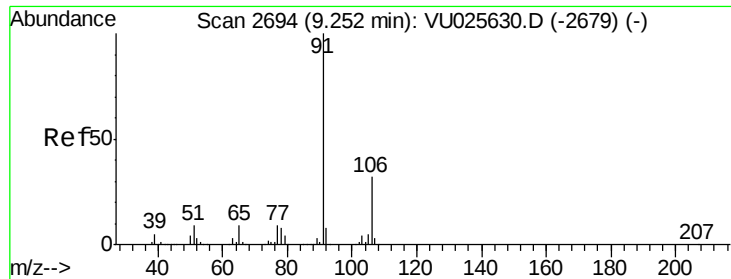
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#62
 Hexachloroethane
 Concen: 2.619 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion:117 Resp: 15375
 Ion Ratio Lower Upper
 117 100
 201 80.8 68.7 103.1





#63

Ethyl Benzene

Concen: 2.154 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 91 Resp: 90813

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1

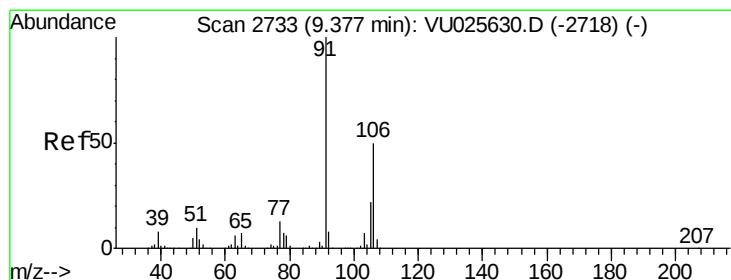
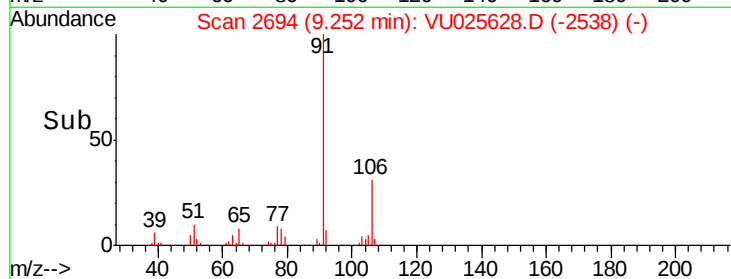
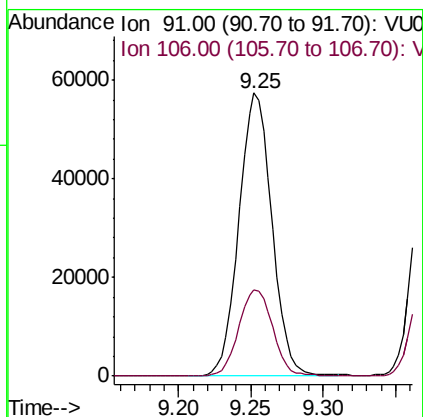
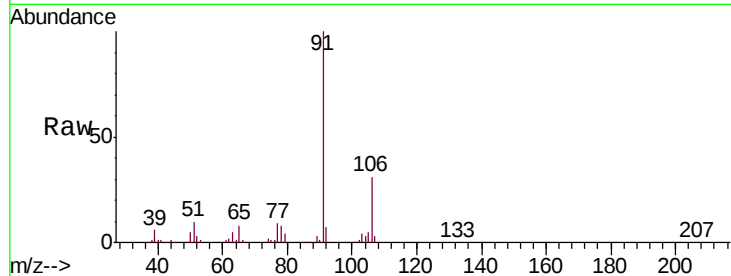
Manual Integrations

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#64

m/p-Xylenes

Concen: 4.372 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025628.D

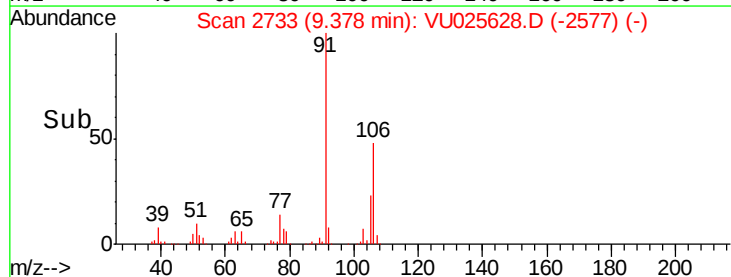
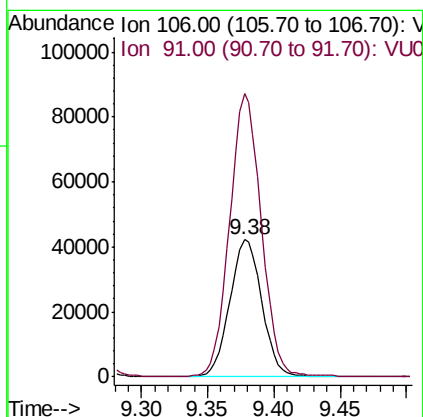
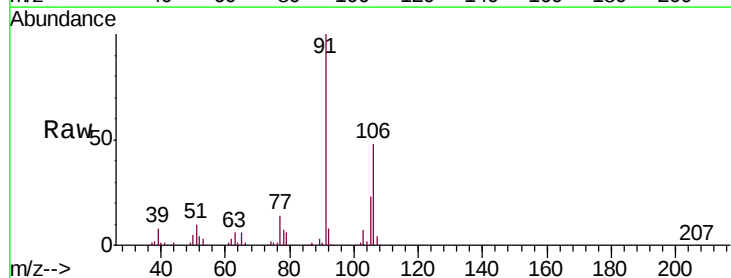
Acq: 25 Jul 2018 10:38

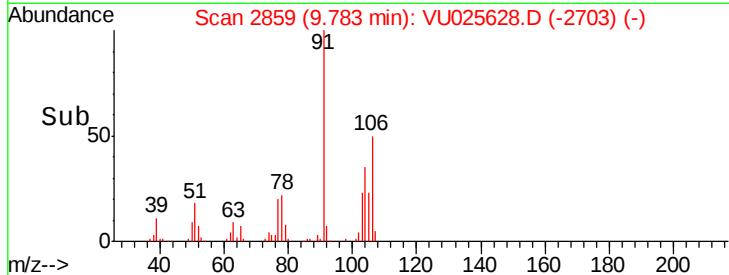
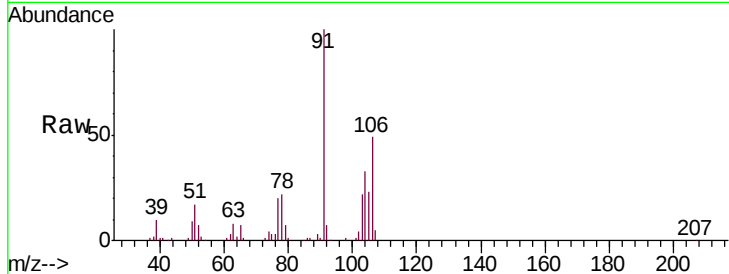
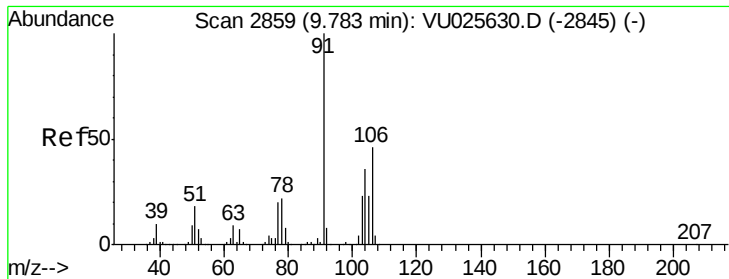
Tgt Ion: 106 Resp: 71096

Ion Ratio Lower Upper

106 100

91 202.3 164.1 246.1





#65
o-Xylene
Concen: 2.204 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

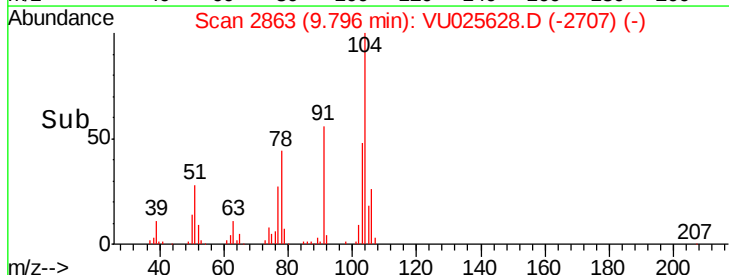
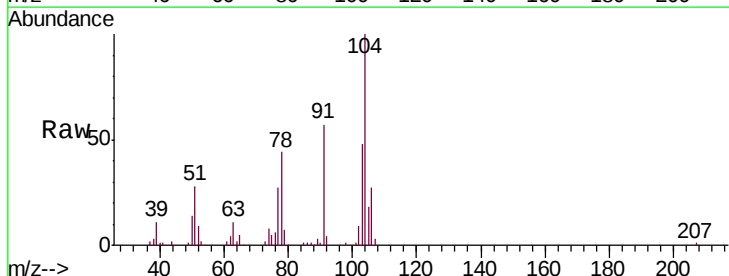
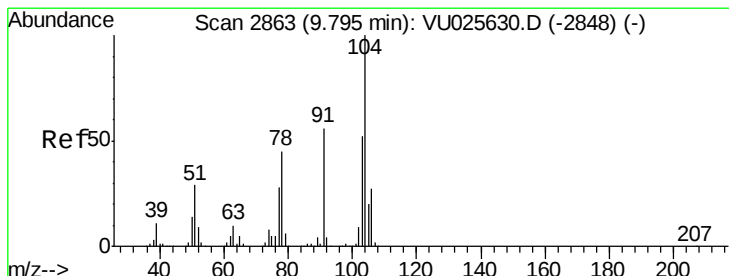
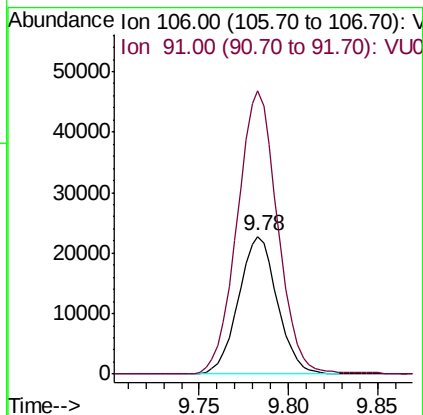
Tot Ion:106 Resp: 34507
Ion Ratio Lower Upper
106 100
91 214.2 107.9 323.7

Instrument :
MSVOA_U
ClientSampled :
VSTDIC002

Manual Integrations
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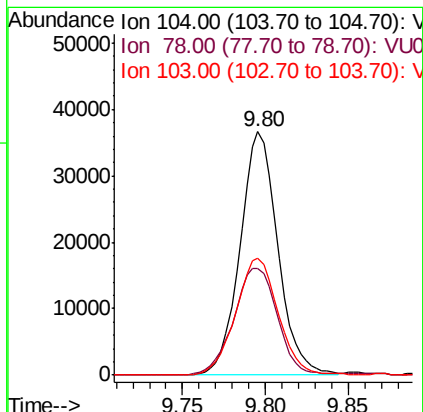
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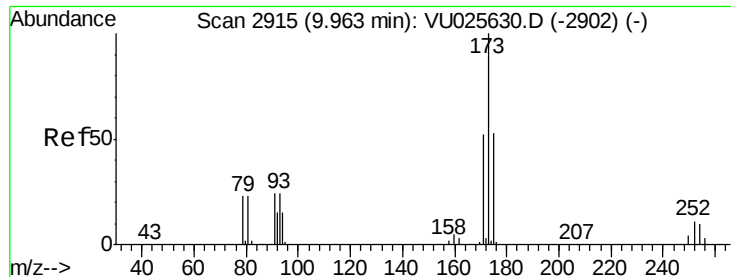
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#66
Styrene
Concen: 2.246 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:104 Resp: 58004
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.2
103 54.1 44.2 66.4





#67
Bromoform
Concen: 2.589 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

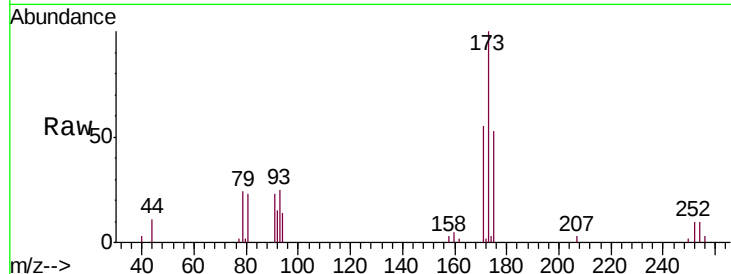
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.6	57.8
254	8.3	8.8	13.2

Manual Integrations
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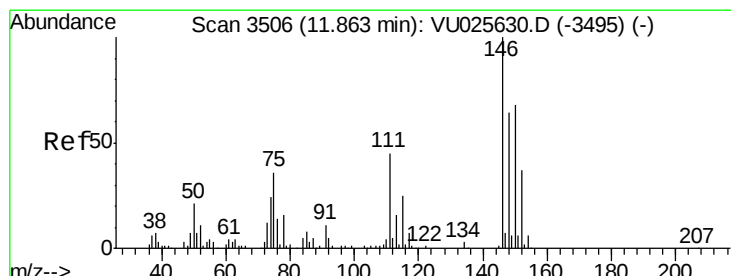
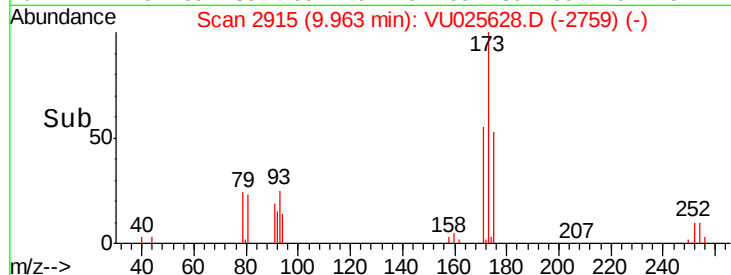
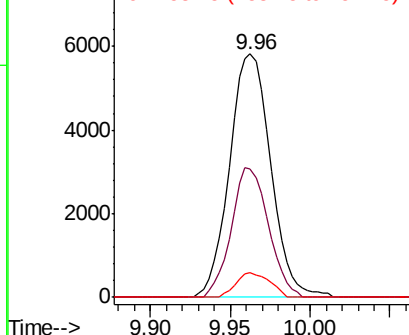


Abundance

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: 2.589 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

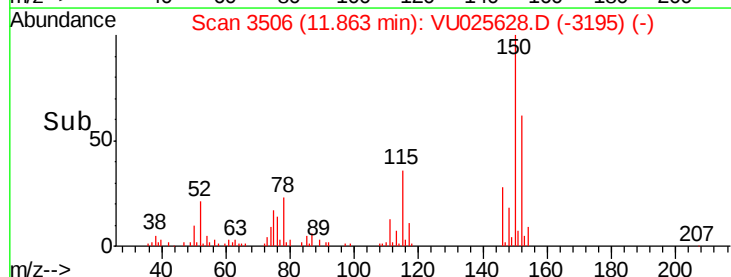
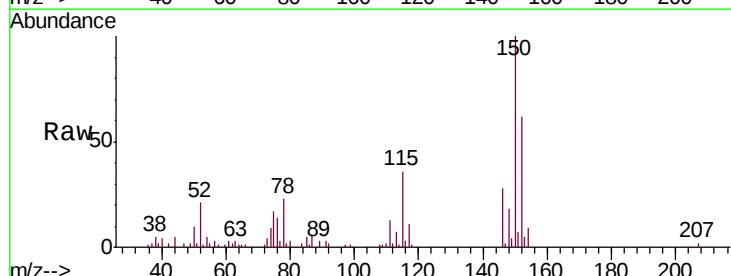
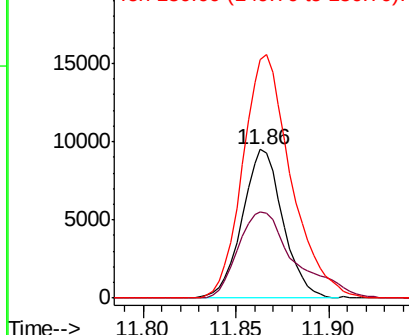
Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.1	0.0	118.8
150	193.5	0.0	0.0

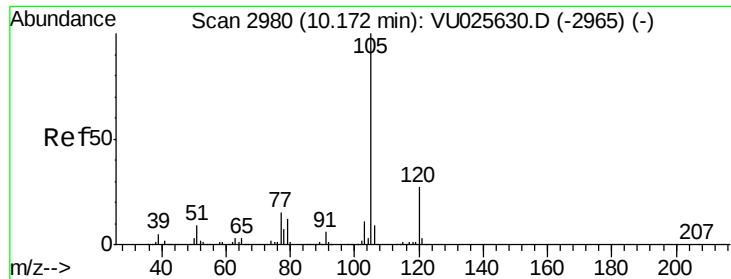
Abundance

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: 2.261 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 105 Resp: 91189

Ion Ratio Lower Upper

105 100

120 27.2 13.1 39.3

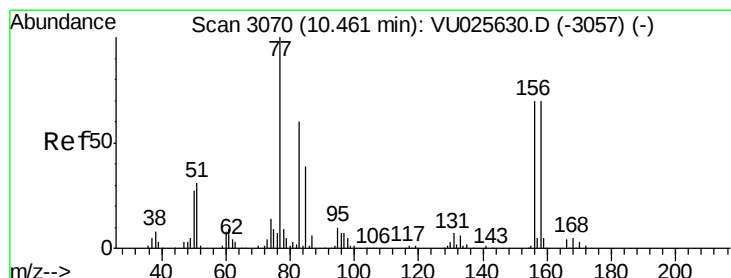
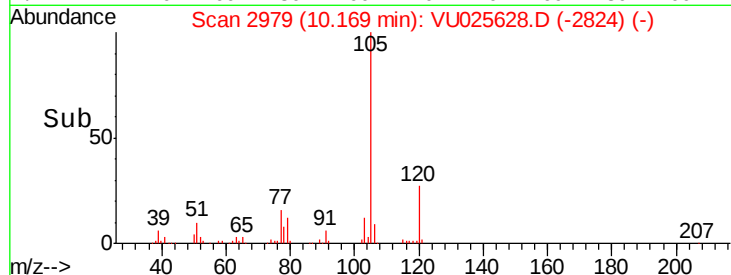
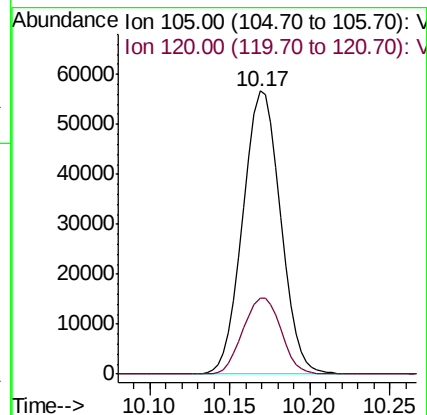
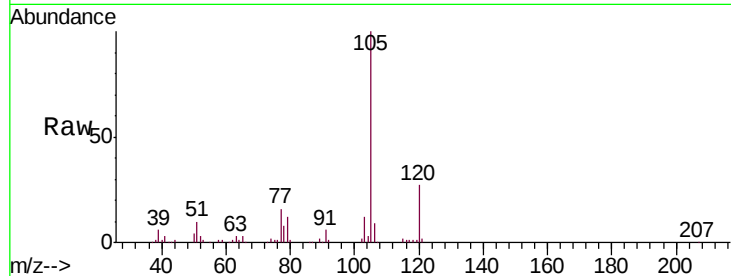
Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.280 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

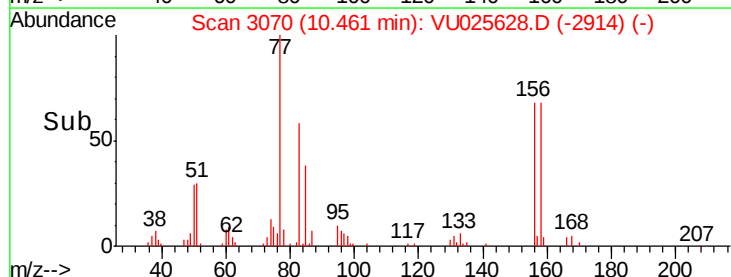
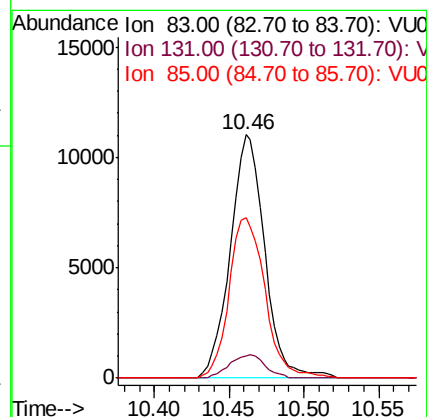
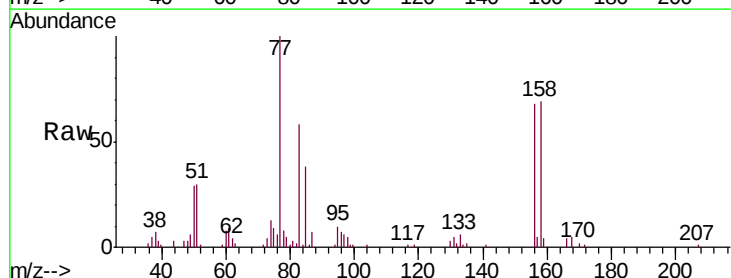
Tgt Ion: 83 Resp: 17697

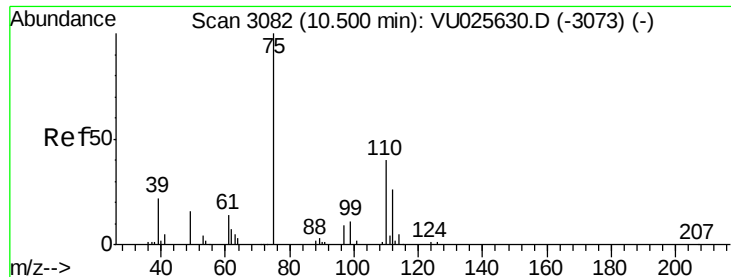
Ion Ratio Lower Upper

83 100

131 10.0 7.9 11.9

85 68.7 51.8 77.6





#71
 1,2,3-Trichloropropane
 Concen: 2.537 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

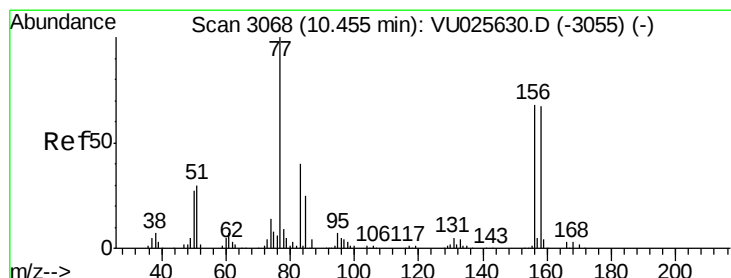
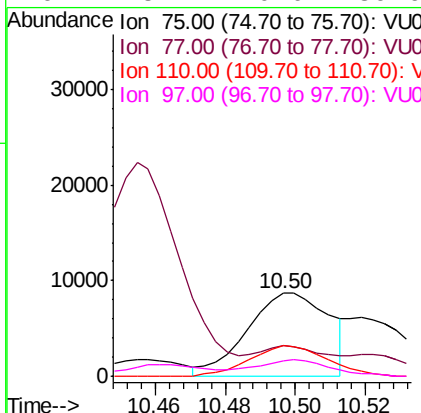
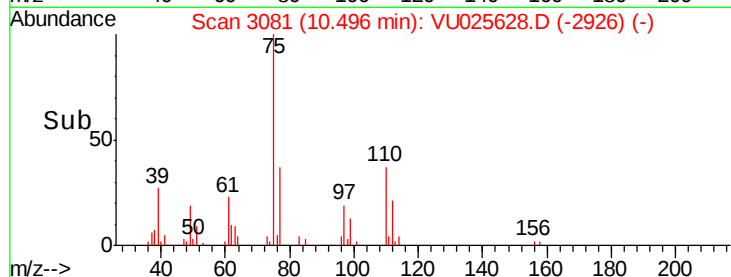
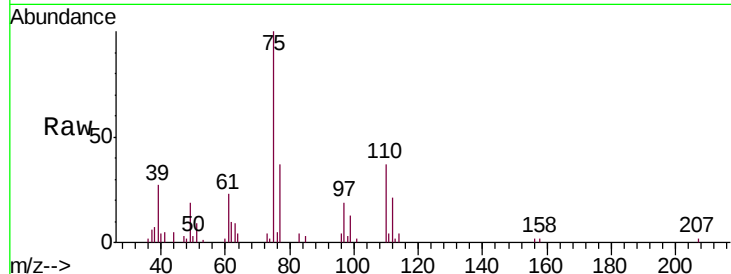
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
77	9.0	0.0	0.0#
110	35.2	0.0	74.0
97	18.2	0.0	39.6

Manual Integrations
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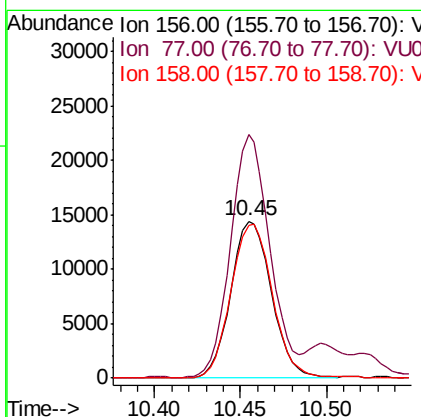
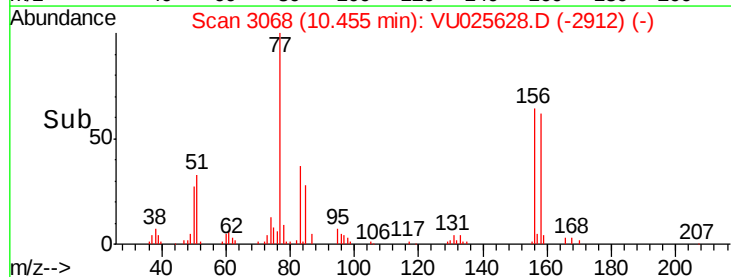
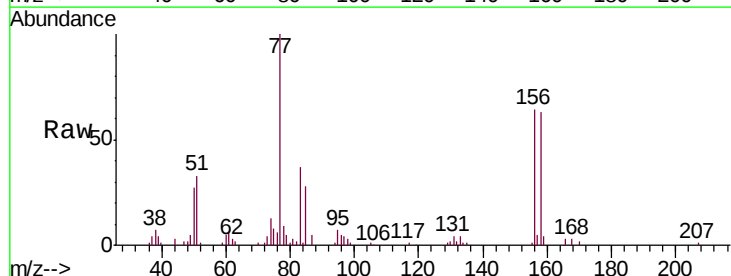
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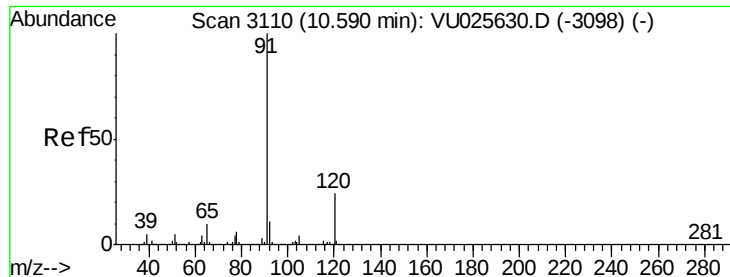
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#72
 Bromobenzene
 Concen: 2.369 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.5	0.0	309.8
158	101.0	0.0	193.0





#73

n-propylbenzene

Concen: 2.307 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:120 Resp: 25721

Ion Ratio Lower Upper

120 100

91 425.0 352.2 528.4

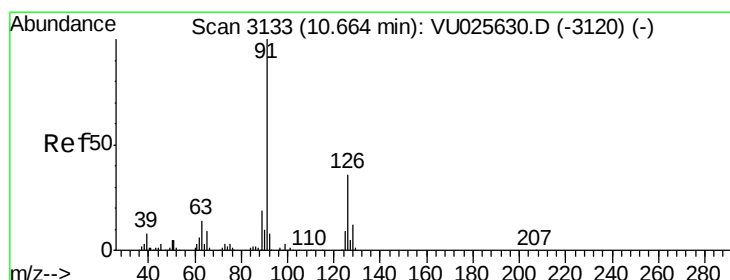
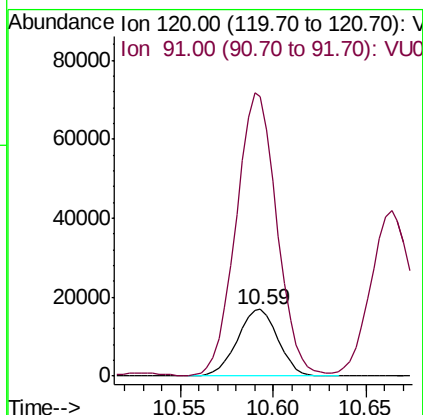
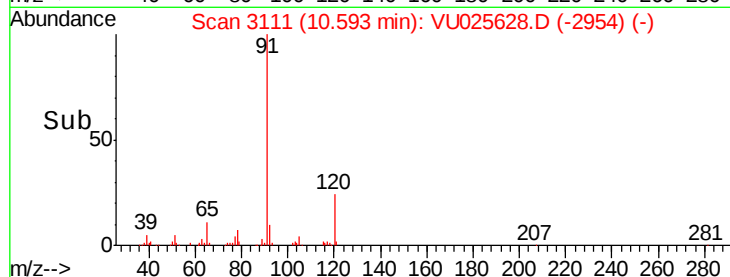
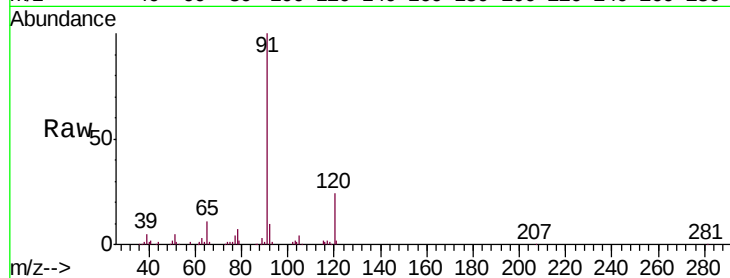
Manual Integrations

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#74

2-Chlorotoluene

Concen: 2.380 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025628.D

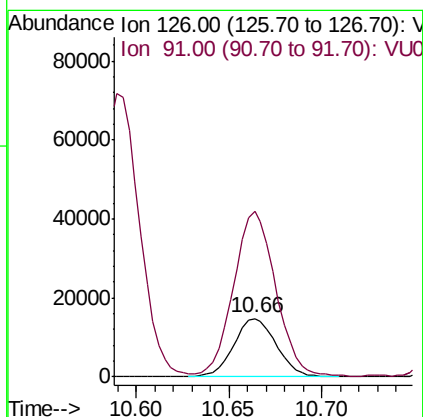
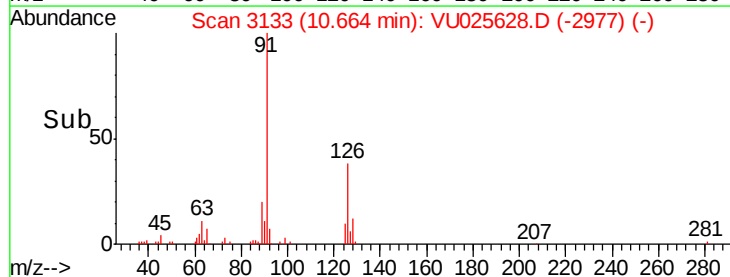
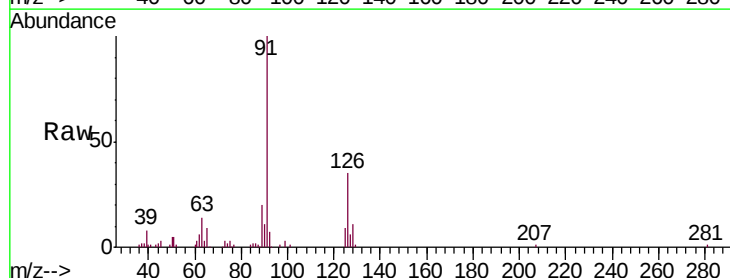
Acq: 25 Jul 2018 10:38

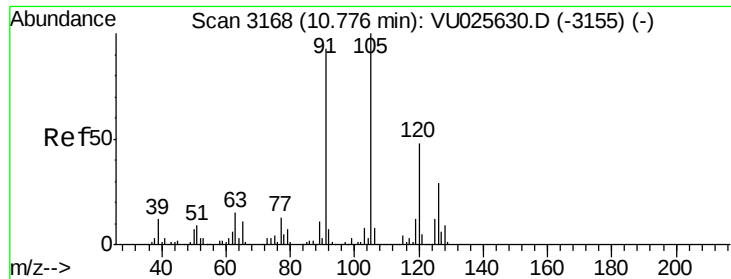
Tgt Ion:126 Resp: 23464

Ion Ratio Lower Upper

126 100

91 280.8 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 2.373 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 80628

Ion Ratio Lower Upper

105 100

120 49.2 39.0 58.6

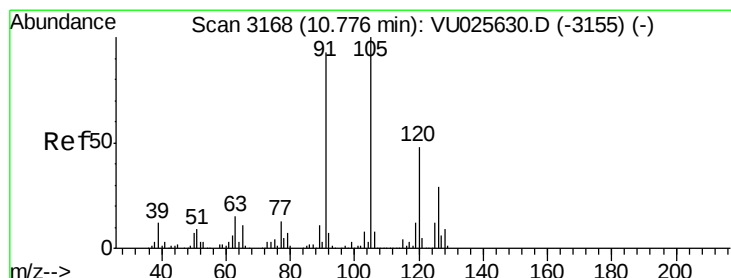
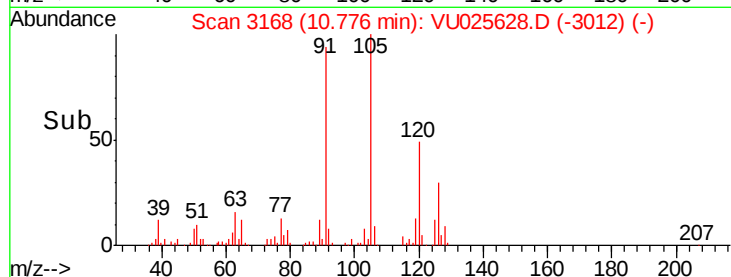
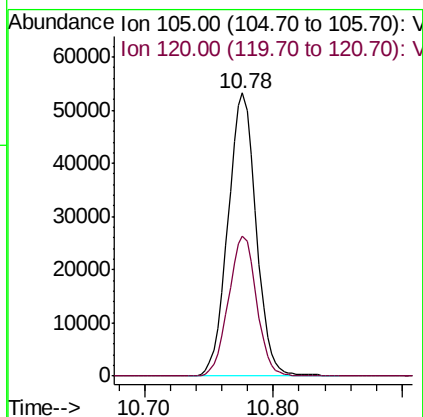
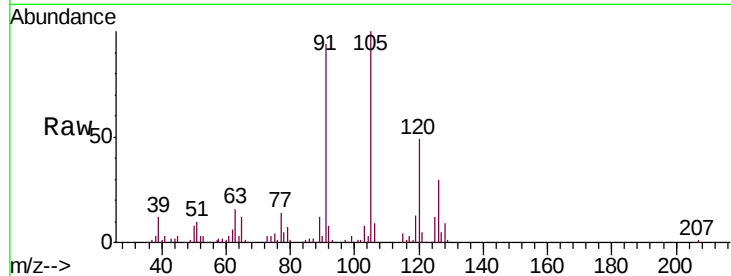
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#76

4-Chlorotoluene

Concen: 2.430 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025628.D

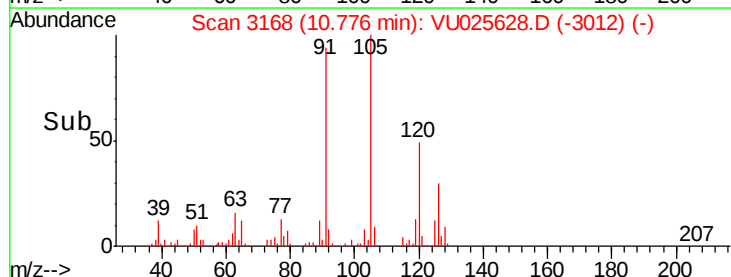
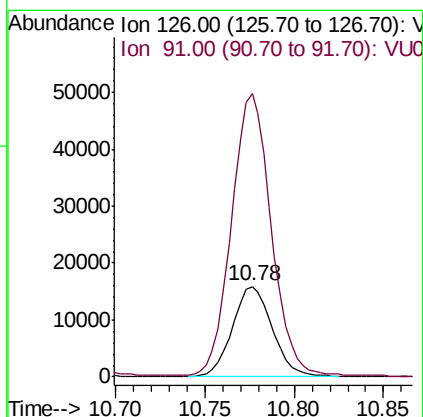
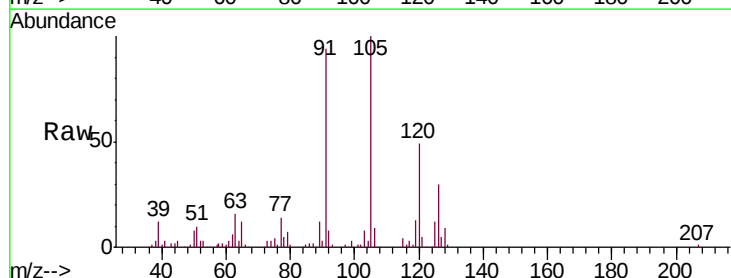
Acq: 25 Jul 2018 10:38

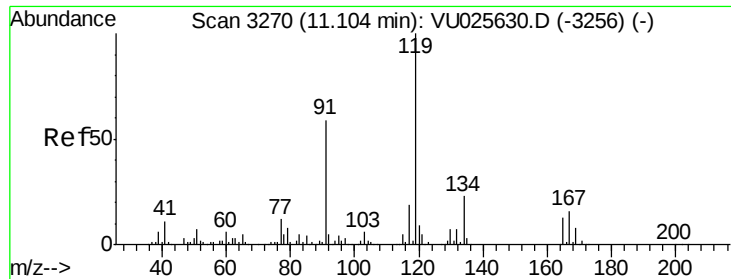
Tgt Ion:126 Resp: 24818

Ion Ratio Lower Upper

126 100

91 308.3 0.0 667.2





#77
tert-Butylbenzene
Concen: 2.476 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

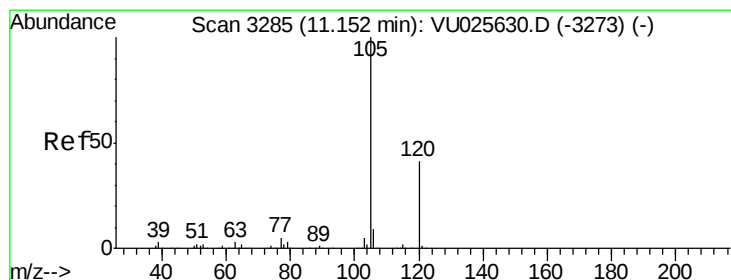
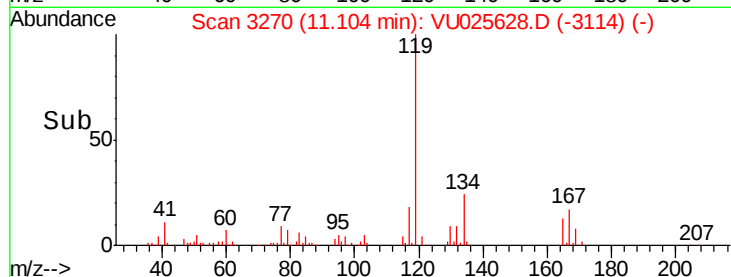
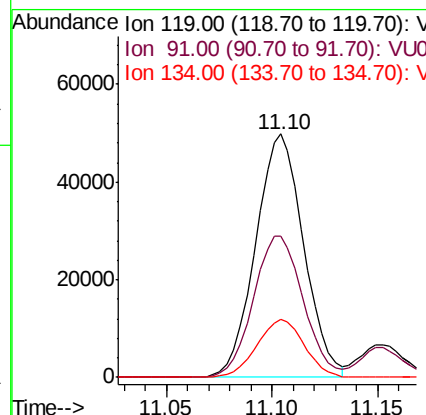
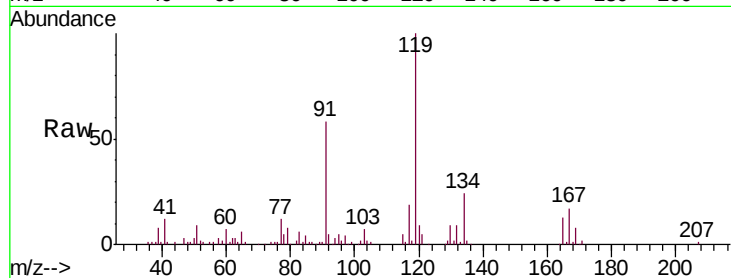
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	23.4	19.1	28.7

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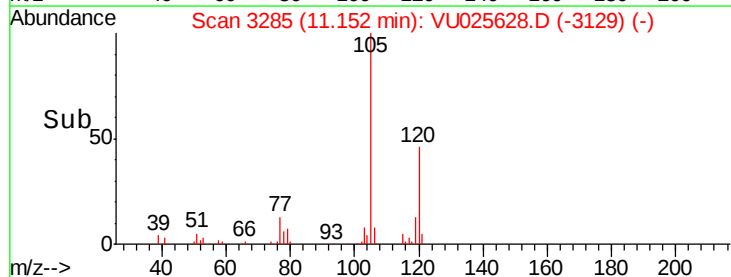
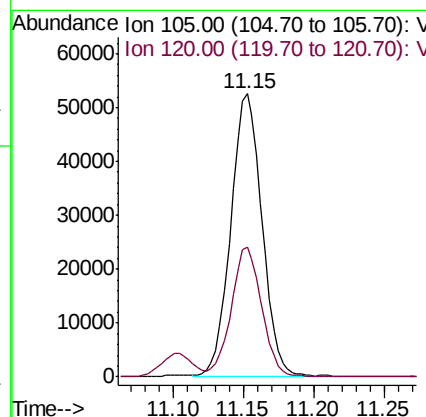
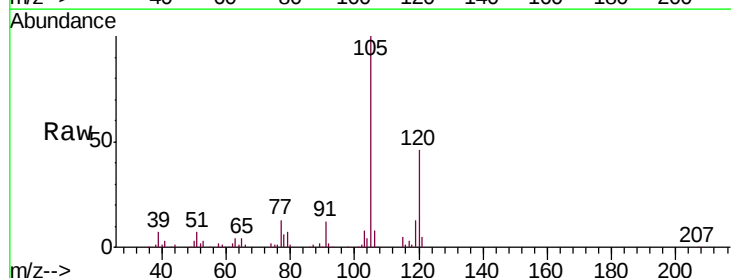
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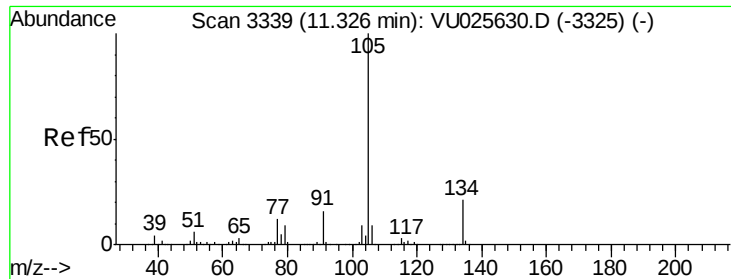
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#78
1,2,4-Trimethylbenzene
Concen: 2.381 ug/l
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.1	69.3





#79

sec-Butylbenzene

Concen: 2.330 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 103879

Ion Ratio Lower Upper

105 100

134 20.2 15.6 23.4

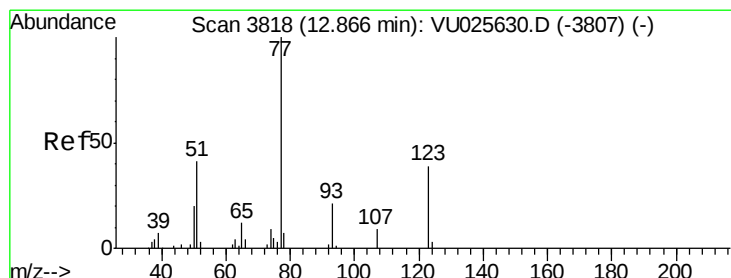
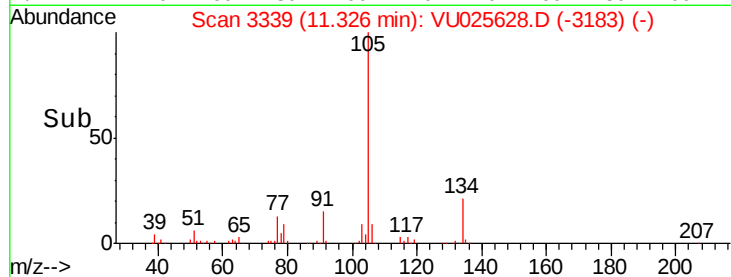
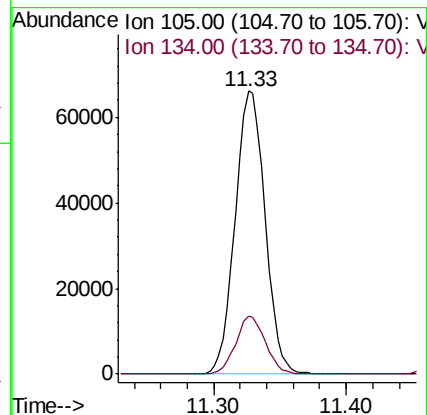
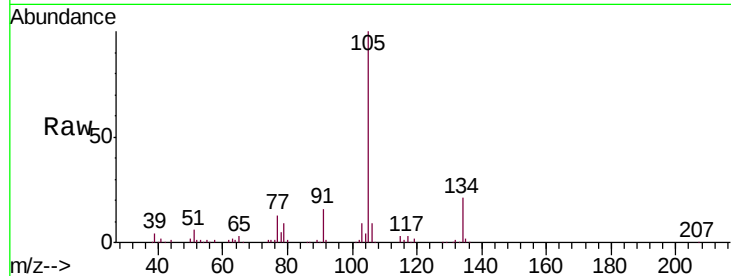
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#80

Nitrobenzene

Concen: 8.621 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

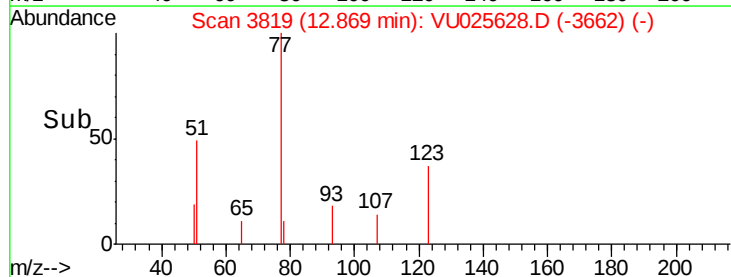
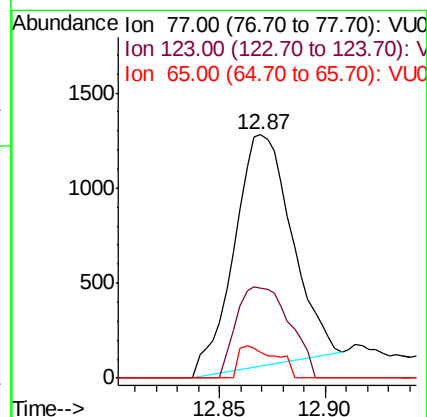
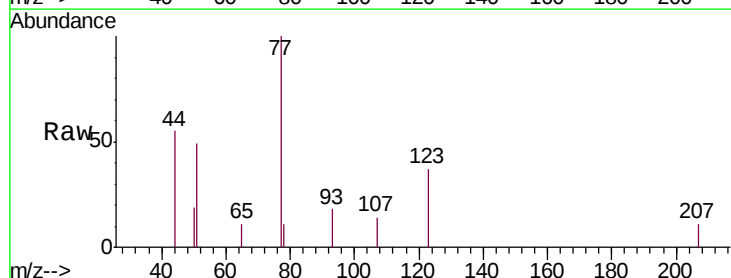
Tgt Ion: 77 Resp: 2324

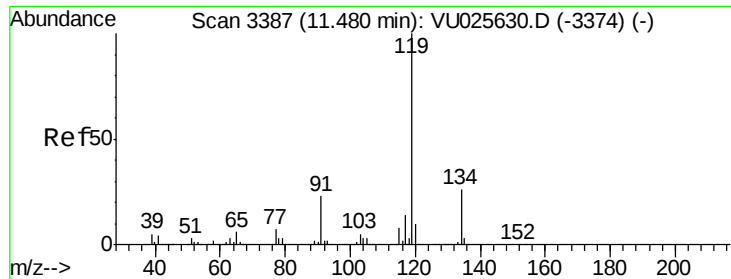
Ion Ratio Lower Upper

77 100

123 36.4 19.4 68.6

65 9.0 11.2 14.2#





#81
p-Isopropyltoluene
Concen: 2.378 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

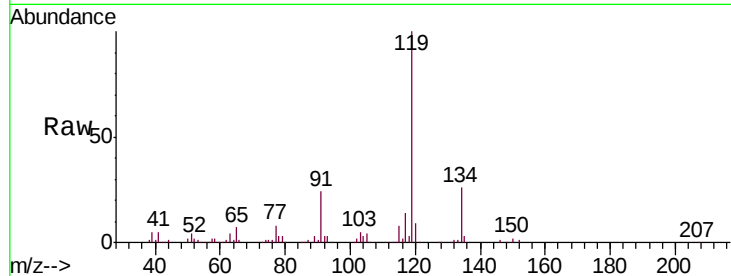
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.9	31.3
91	24.0	18.2	27.2

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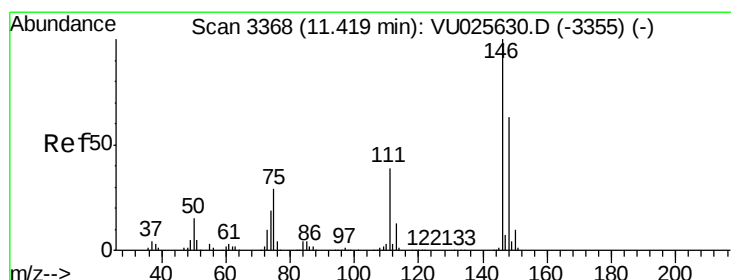
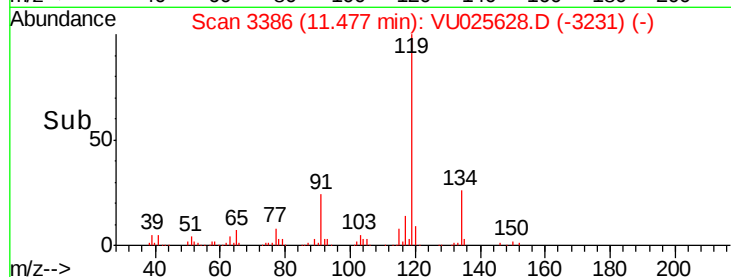
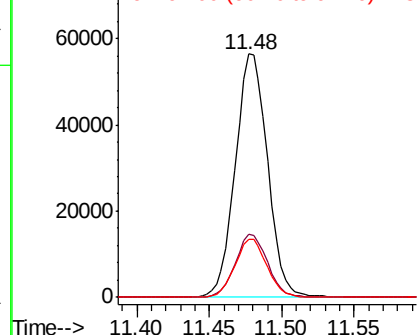


Abundance

Ion 119.00 (118.70 to 119.70): V

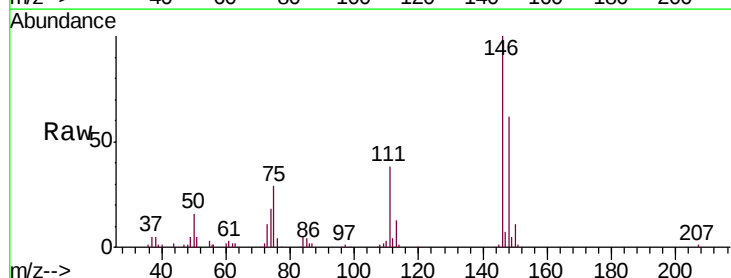
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
1,3-Dichlorobenzene
Concen: 2.492 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.8	47.6
148	63.1	51.0	76.4

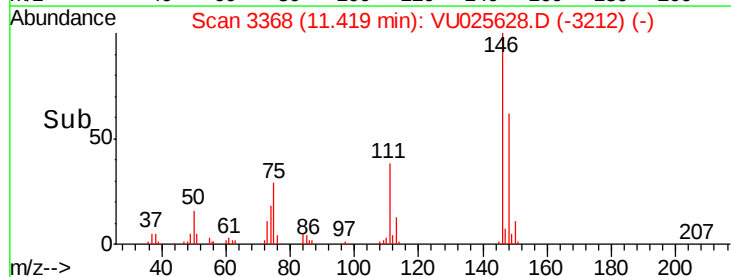
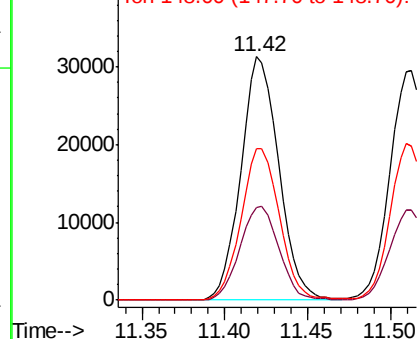


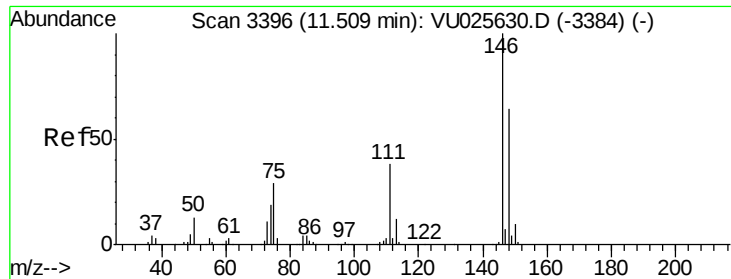
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#83
 1,4-Dichlorobenzene
 Concen: 2.390 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

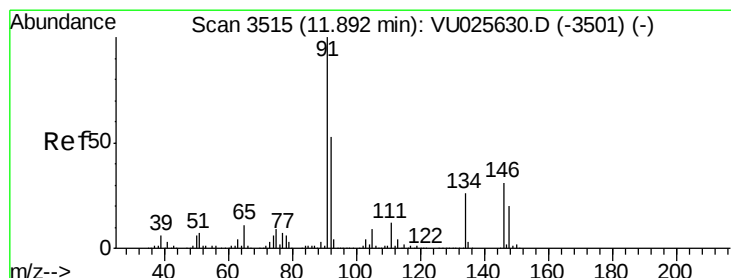
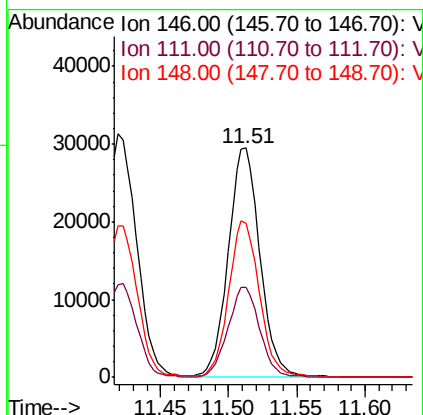
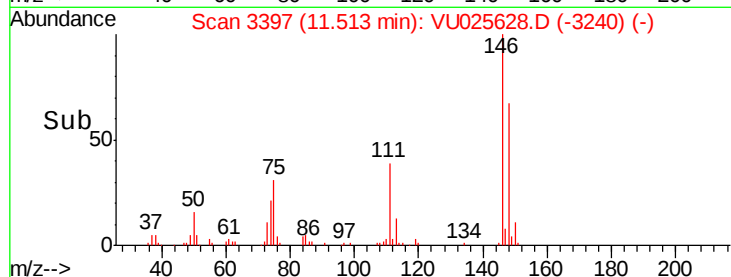
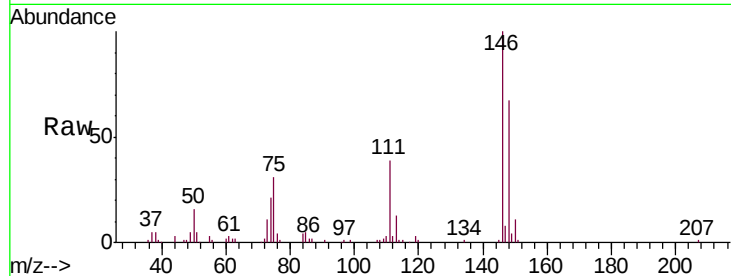
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.1	45.1
148	66.2	50.6	76.0

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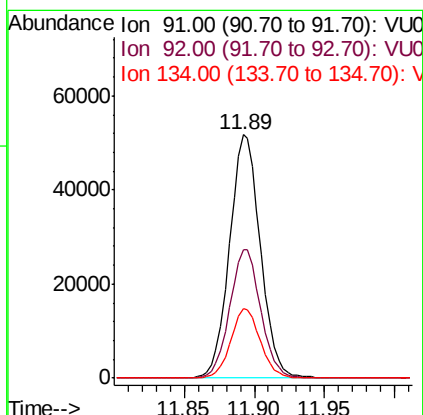
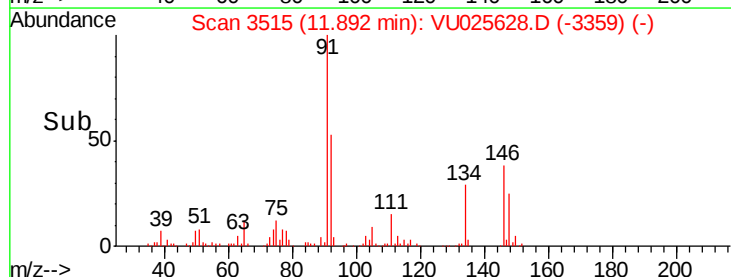
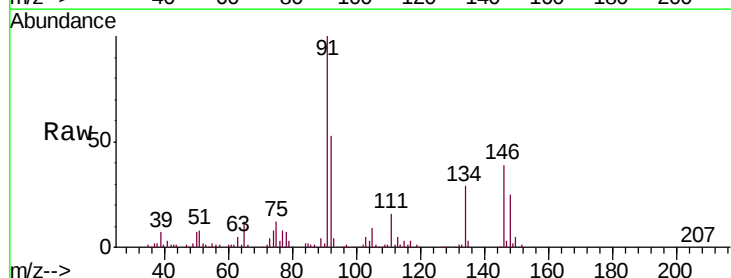
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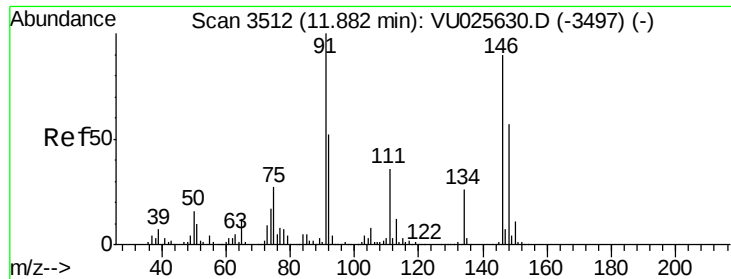
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#84
 n-Butylbenzene
 Concen: 2.208 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	42.2	63.2
134	27.4	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 2.516 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

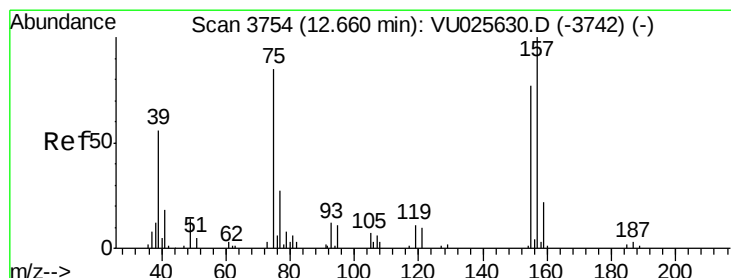
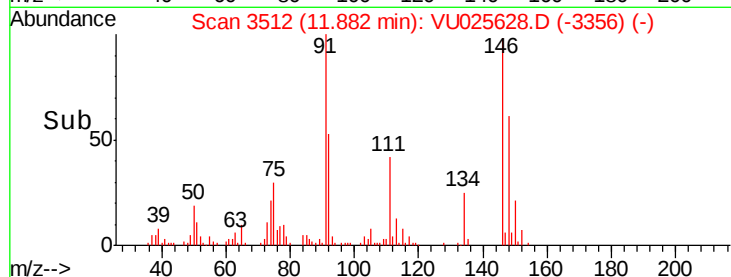
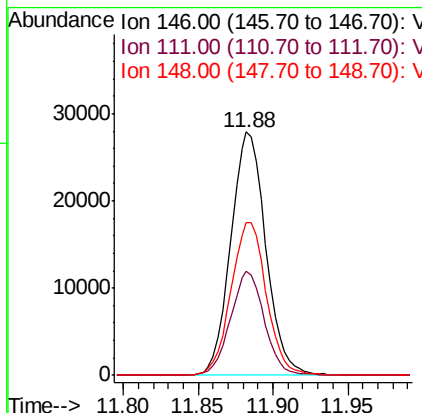
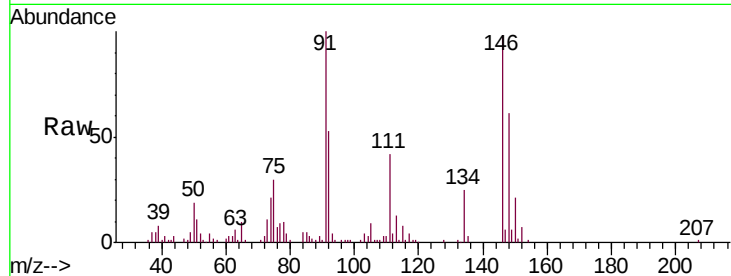
Tot Ion:	146	Resp:	45520
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.7	62.1
148	63.6	31.9	95.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 2.662 ug/l

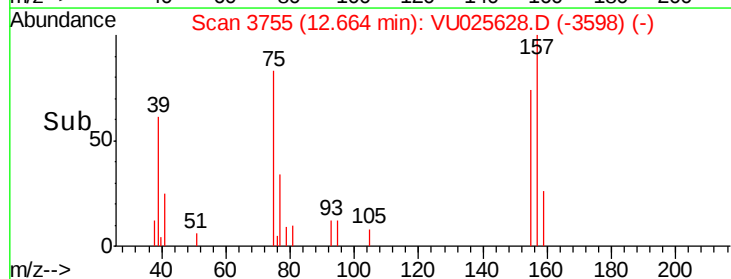
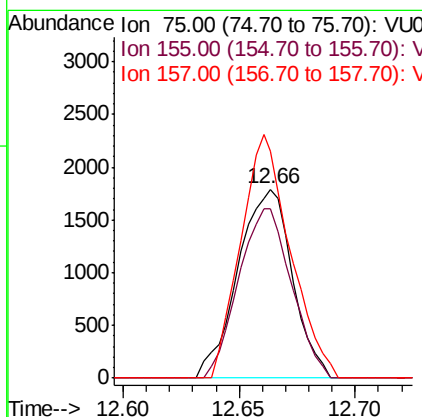
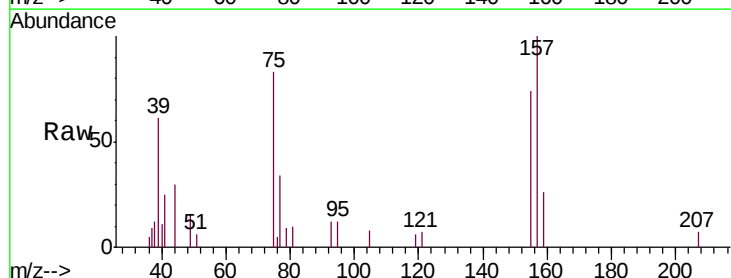
RT: 12.66 min Scan# 3755

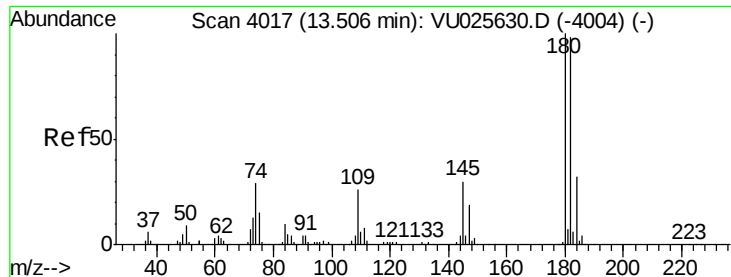
Delta R.T. 0.00 min

Lab File: VU025628.D

Acq: 25 Jul 2018 10:38

Tgt Ion:	75	Resp:	2916
Ion Ratio	Lower	Upper	
75	100		
155	87.1	65.8	98.6
157	117.7	83.5	125.3





#87
 1,2,4-Trichlorobenzene
 Concen: 2.269 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

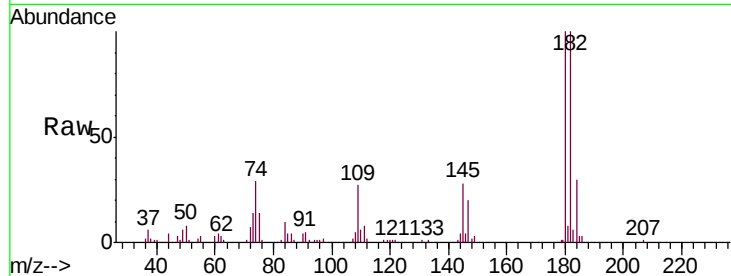
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:	180	Resp:	29699
Ion Ratio	Lower	Upper	
180	100		
182	98.6	77.1	115.7
145	29.8	23.3	34.9

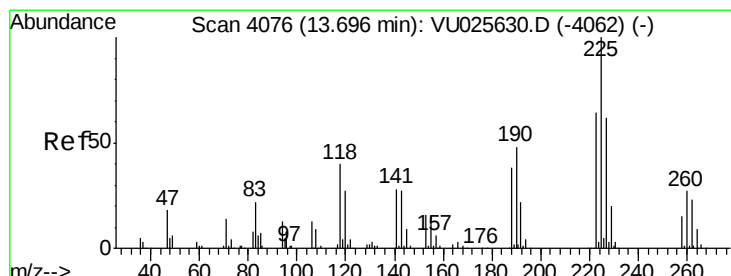
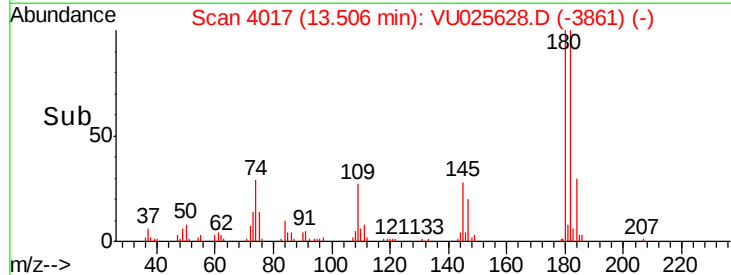
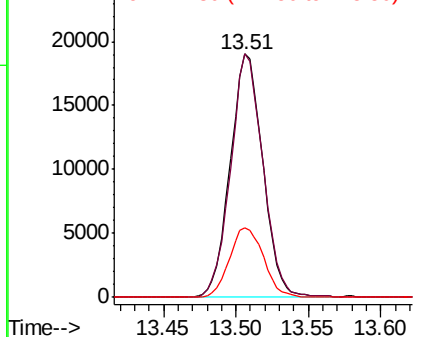
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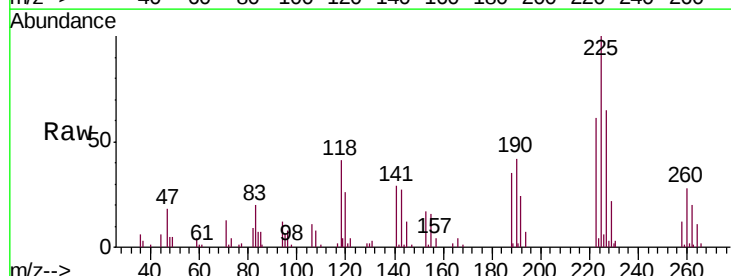


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

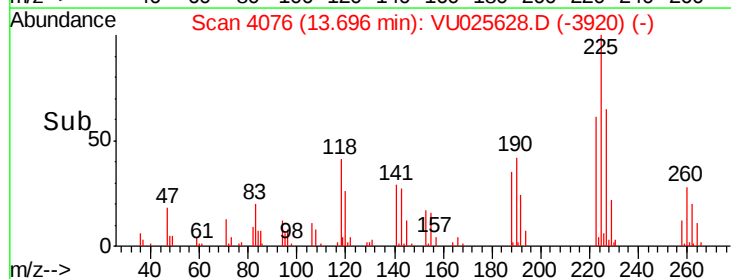
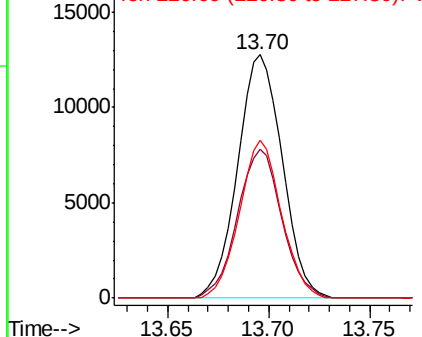


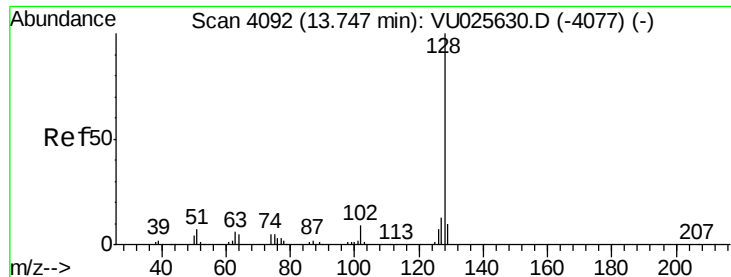
#88
 Hexachlorobutadiene
 Concen: 2.494 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025628.D
 Acq: 25 Jul 2018 10:38

Tgt Ion:	225	Resp:	19792
Ion Ratio	Lower	Upper	
225	100		
223	60.8	50.6	75.8
227	60.9	51.8	77.6



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89
Naphthalene
Concen: 2.466 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

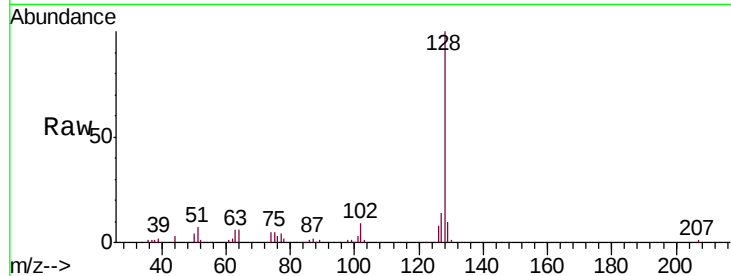
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:128	Resp:	48615
Ion Ratio	Lower	Upper
128 100		
127 13.4	10.5	15.7
129 10.3	8.7	13.1

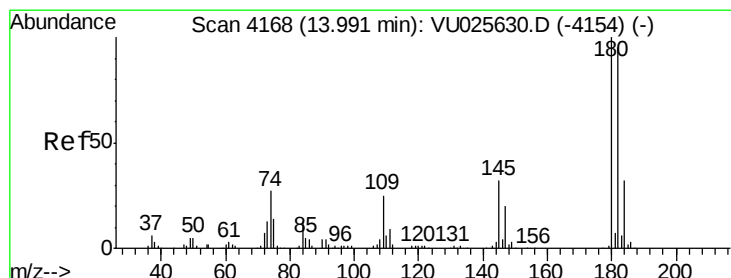
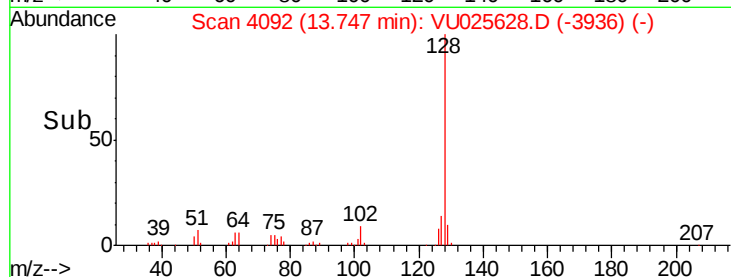
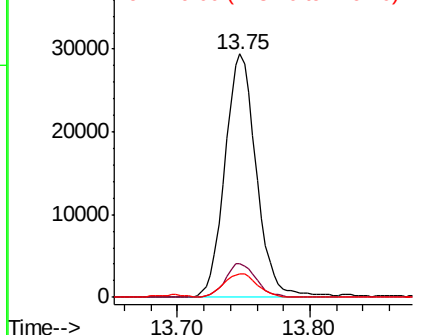
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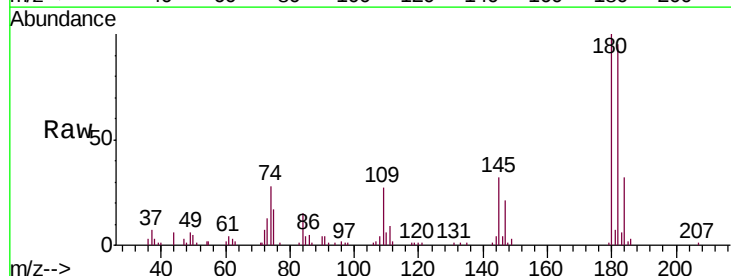


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 2.222 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025628.D
Acq: 25 Jul 2018 10:38

Tgt Ion:180	Resp:	27300
Ion Ratio	Lower	Upper
180 100		
182 97.2	76.8	115.2
145 32.6	24.6	36.8



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

