

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025626.D
 Acq On : 25 Jul 2018 09:49
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
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 7/26/2018 4:26:16 PM

Quant Time: Jul 25 12:00:29 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	5.75	96	45143	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	16616	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	19187	1.34	ug/l	0.00
Spiked Amount 1.000			Recovery	=	134.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.21	85	8794	0.600	ug/l	98
3) Chloromethane	1.33	50	8409	0.495	ug/l	100
4) Vinyl Chloride	1.41	62	7458	0.458	ug/l	98
5) Bromomethane	1.63	94	3885	0.446	ug/l	91
6) Chloroethane	1.70	64	4685	0.517	ug/l	97
7) Trichlorofluoromethane	1.89	101	11043	0.590	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5955	0.518	ug/l	95
9) 1,1-Dichloroethene	2.29	96	5518	0.517	ug/l	96
11) Allyl Chloride	2.60	41	9469m	0.483	ug/l	
12) Acrylonitrile	2.94	53	2619	1.190	ug/l	94
13) Acetone	2.32	43	6371	3.410	ug/l	94
14) Carbon Disulfide	2.48	76	19464	0.555	ug/l	100
15) Methylene Chloride	2.70	84	7290	0.600	ug/l	91
16) trans-1,2-Dichloroethene	2.98	96	6124	0.536	ug/l	94
17) 1,1-Dichloroethane	3.45	63	11698	0.520	ug/l	97
18) 2-Butanone	4.28	43	8753	2.899	ug/l	94
19) Cyclohexane	5.00	56	8393	0.432	ug/l #	78
20) Methylcyclohexane	6.42	83	10674	0.538	ug/l	95
21) 2,2-Dichloropropane	4.23	77	12058	0.675	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	7986	0.646	ug/l	96
23) Diethyl Ether	2.11	59	4183	0.480	ug/l #	88
24) tert-Butyl Alcohol	2.83	59	5464	8.309	ug/l #	78
25) Methyl tert-Butyl Ether	3.00	73	15055	0.562	ug/l	96
26) Bromochloromethane	4.55	128	3609	0.738	ug/l	79
27) Chloroform	4.68	83	13580	0.641	ug/l	96
28) 1,1,1-Trichloroethane	4.92	97	11792	0.678	ug/l	96
29) 1,1-Dichloropropene	5.14	75	9261	0.543	ug/l	97
30) Carbon Tetrachloride	5.14	117	10942	0.748	ug/l	99
31) Isopropyl Ether	3.58	45	18855	0.496	ug/l	87
32) Ethyl-t-butyl ether	4.08	59	18388	0.566	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	15476	0.563	ug/l	98
34) Propionitrile	4.34	54	2560	2.978	ug/l #	83
35) Benzene	5.39	78	26949	0.531	ug/l	99
36) 1,2-Dichloroethane	5.41	62	8034	0.560	ug/l	95
37) Trichloroethene	6.19	130	8303	0.610	ug/l	93
38) 1,2-Dichloropropane	6.44	63	6919	0.497	ug/l	97
39) Methacrylonitrile	4.55	41	2262	0.515	ug/l	91
40) Methyl acrylate	4.44	55	3356	0.550	ug/l #	89
41) Tetrahydrofuran	4.65	42	3183	1.405	ug/l #	74
42) 1-Chlorobutane	5.07	56	13324	0.539	ug/l	97
43) Dibromomethane	6.56	93	3655	0.611	ug/l	96

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Manual Integrations
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Quant Time: Jul 25 12:00:29 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)
44) Bromodichloromethane	6.76	83	9323	0.620	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	19612	2.774	ug/l	100
46) t-1,4-Dichloro-2-butene	10.53	75	2103m	1.006	ug/l	
47) Methyl methacrylate	6.63	69	6005	1.108	ug/l #	91
48) Ethyl methacrylate	8.03	69	5479	0.578	ug/l	93
49) Toluene	7.64	92	15943	0.544	ug/l	99
50) t-1,3-Dichloropropene	7.89	75	8006	0.624	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	9502	0.569	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	4953	0.582	ug/l	88
53) 1,3-Dichloropropane	8.25	76	7795	0.515	ug/l	96
54) 2-Hexanone	8.37	43	14219	2.952	ug/l	94
55) Dibromochloromethane	8.48	129	5942	0.637	ug/l	99
56) 1,2-Dibromoethane	8.59	107	4392	0.599	ug/l	93
58) Tetrachloroethene	8.23	164	6557	0.528	ug/l	96
59) Chlorobenzene	9.12	112	18625	0.594	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	7124	0.669	ug/l	96
61) Pentachloroethane	11.11	117	5201	0.688	ug/l	98
62) Hexachloroethane	12.15	117	5105	0.704	ug/l	96
63) Ethyl Benzene	9.25	91	28815	0.553	ug/l	94
64) m/p-Xylenes	9.38	106	22903	1.139	ug/l	99
65) o-Xylene	9.78	106	10858	0.561	ug/l	99
66) Styrene	9.80	104	17858	0.559	ug/l	100
67) Bromoform	9.96	173	3761	0.772	ug/l #	86
69) Isopropylbenzene	10.17	105	29758	0.597	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	6324	0.659	ug/l	95
71) 1,2,3-Trichloropropane	10.50	75	4992m	0.727	ug/l	
72) Bromobenzene	10.46	156	8075	0.651	ug/l	96
73) n-propylbenzene	10.59	120	8055	0.584	ug/l	95
74) 2-Chlorotoluene	10.66	126	7250	0.595	ug/l	95
75) 1,3,5-Trimethylbenzene	10.78	105	24428	0.582	ug/l	99
76) 4-Chlorotoluene	10.78	126	7815	0.619	ug/l	80
77) tert-Butylbenzene	11.10	119	25290	0.643	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	25461	0.600	ug/l	100
79) sec-Butylbenzene	11.33	105	31965	0.580	ug/l	96
80) Nitrobenzene	12.87	77	687	2.062	ug/l #	71
81) p-Isopropyltoluene	11.48	119	26406	0.583	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	15925	0.643	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	14958	0.605	ug/l	97
84) n-Butylbenzene	11.90	91	24863	0.562	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	14731	0.659	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	832	0.614	ug/l #	66
87) 1,2,4-Trichlorobenzene	13.51	180	9389	0.580	ug/l	99
88) Hexachlorobutadiene	13.70	225	5883	0.600	ug/l	93
89) Naphthalene	13.75	128	15103	0.620	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	8778	0.578	ug/l	99

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

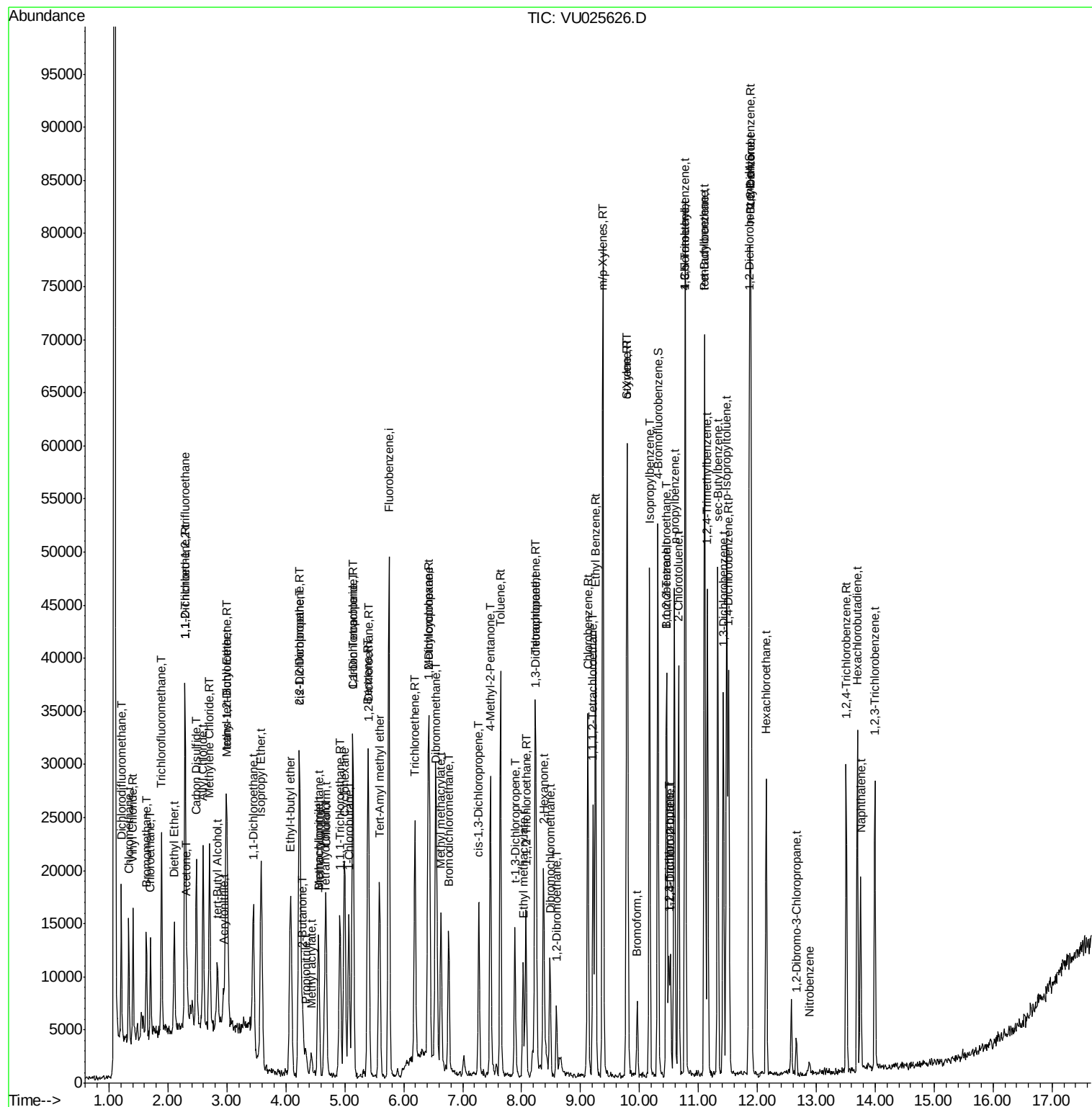
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072518\
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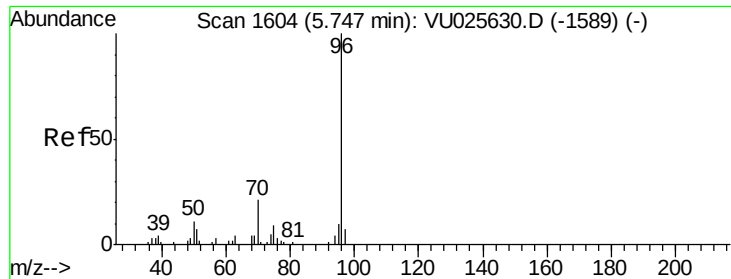
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDIC0.5

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

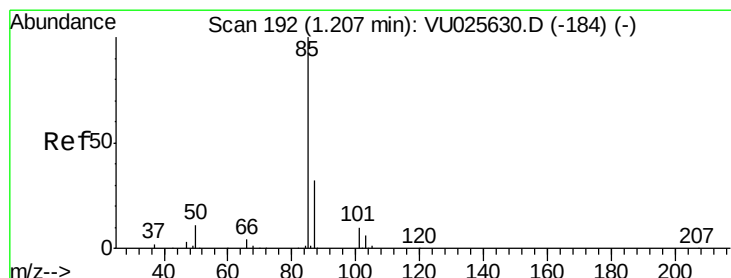
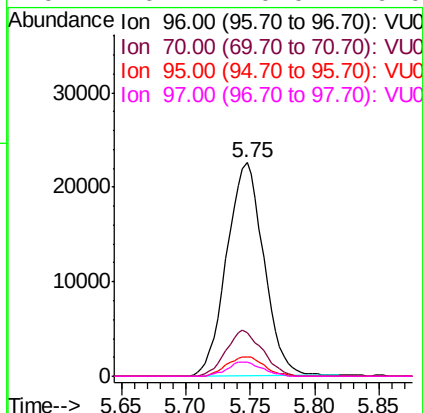
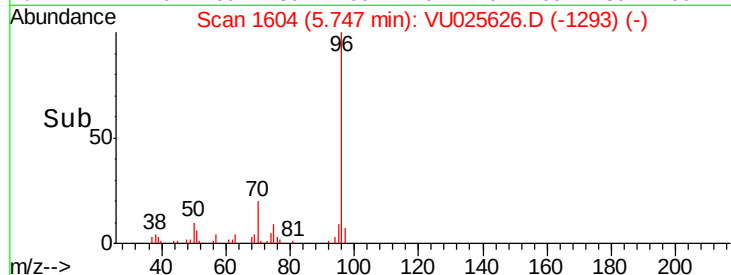
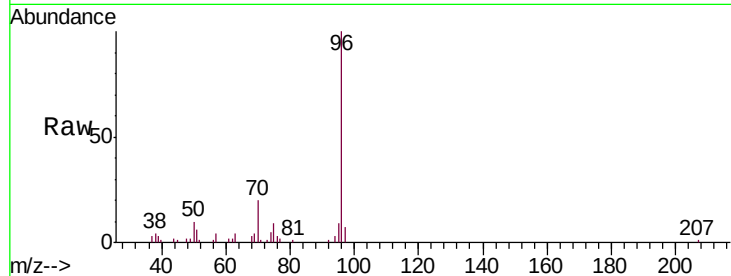
ClientSampleId :

VSTDIC0.5

Tot Ion:	96	Resp:	45143
Ion	Ratio	Lower	Upper
96	100		
70	20.9	16.2	24.4
95	9.2	6.9	10.3
97	6.2	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.600 ug/l

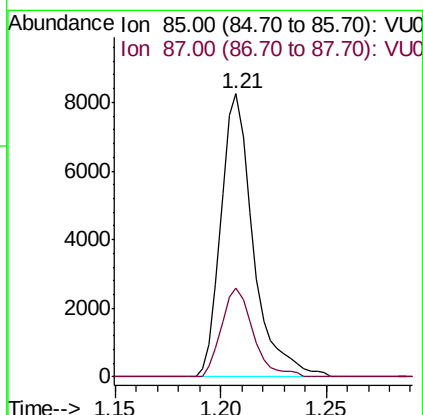
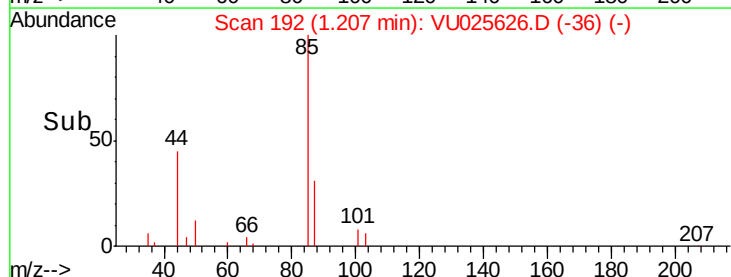
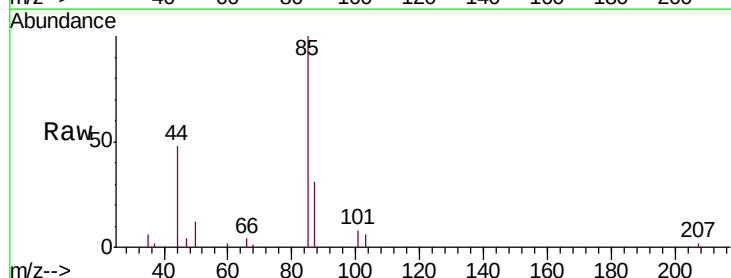
RT: 1.21 min Scan# 192

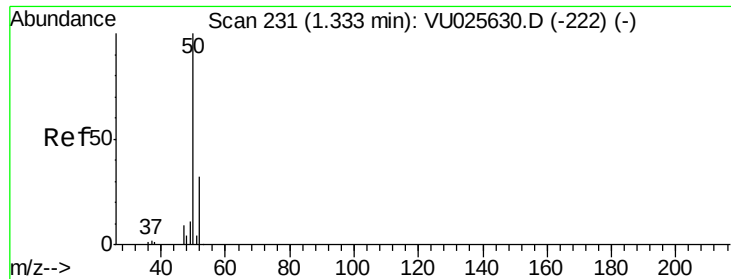
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	85	Resp:	8794
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5





#3

Chloromethane

Concen: 0.495 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 50 Resp: 8409

Ion Ratio Lower Upper

50 100

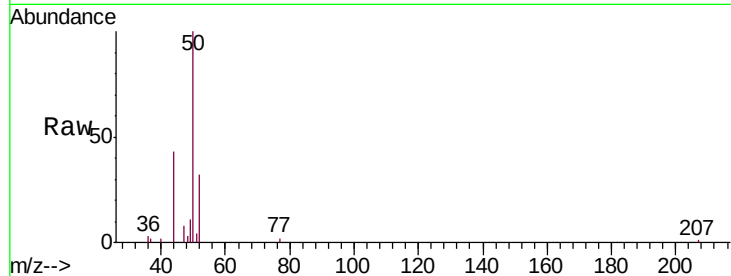
52 32.2 26.0 39.0

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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

8000

6000

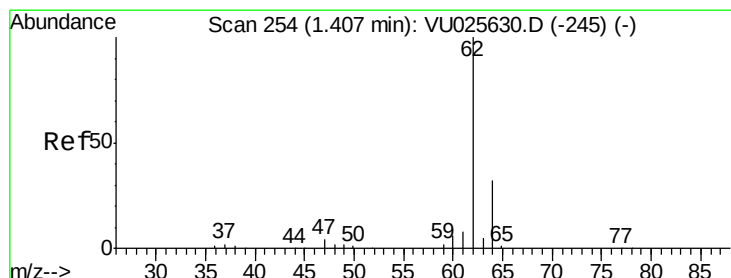
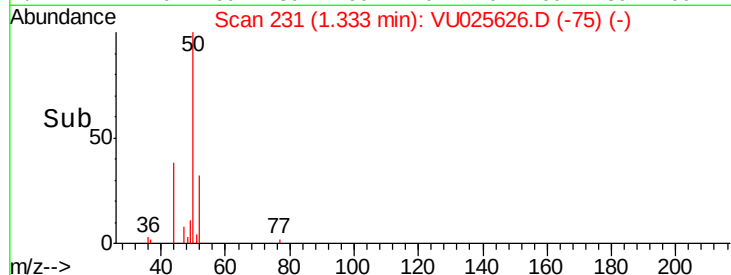
4000

2000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 0.458 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025626.D

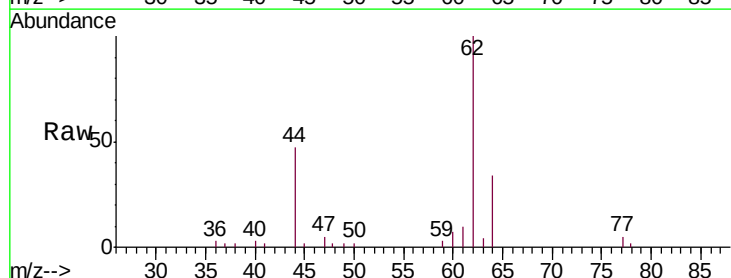
Acq: 25 Jul 2018 09:49

Tgt Ion: 62 Resp: 7458

Ion Ratio Lower Upper

62 100

64 33.6 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.41

8000

6000

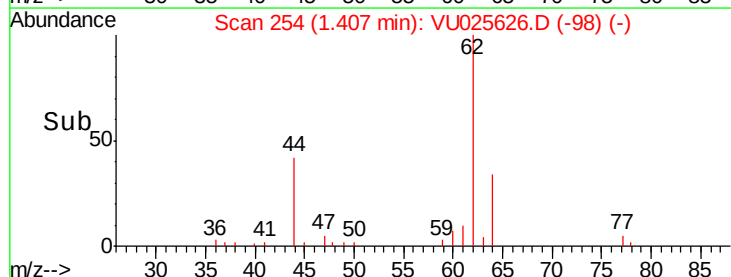
4000

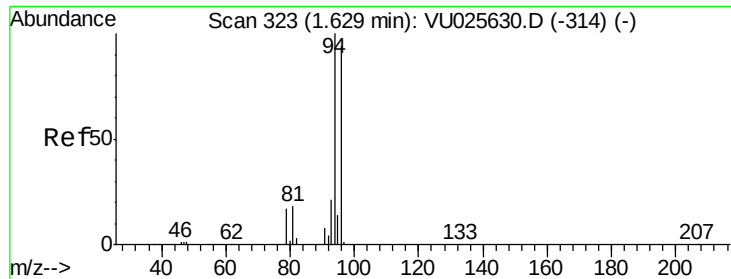
2000

0

1.40 1.45

Time-->





#5

Bromomethane

Concen: 0.446 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 94 Resp: 3885

Ion Ratio Lower Upper

94 100

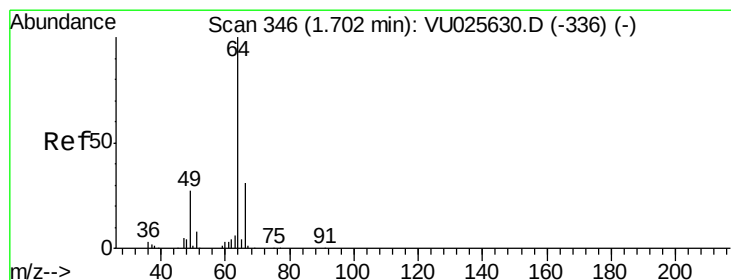
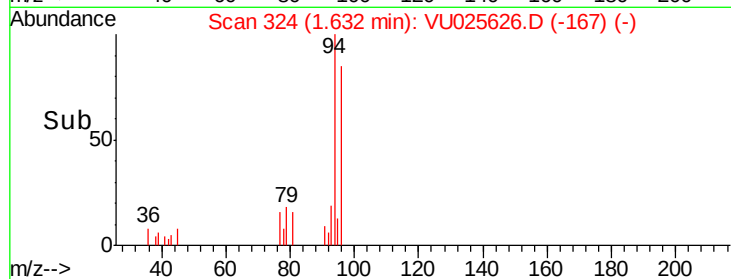
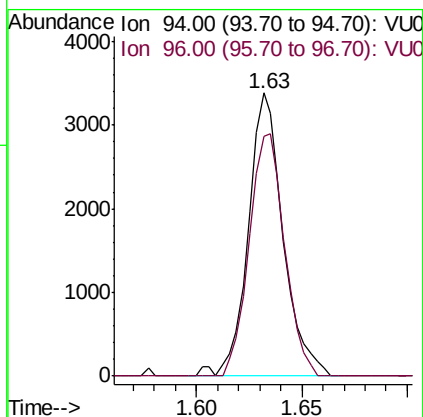
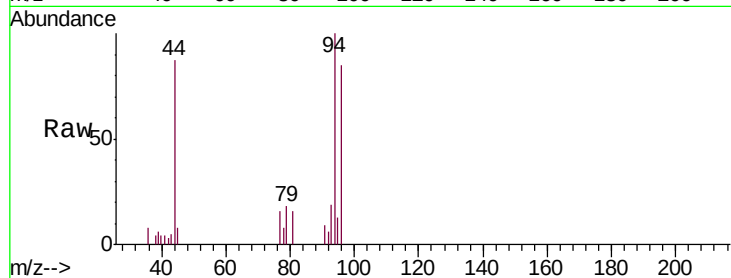
96 84.9 75.1 112.7

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#6

Chloroethane

Concen: 0.517 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025626.D

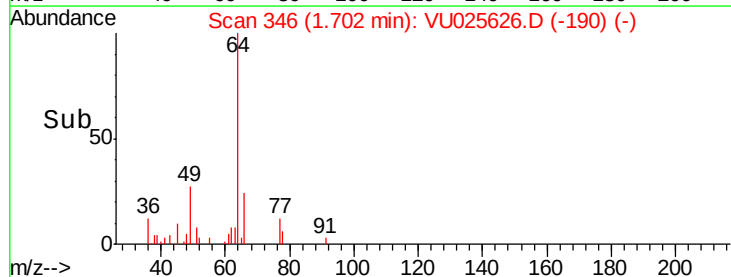
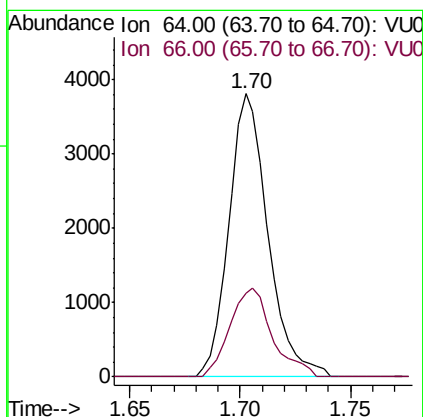
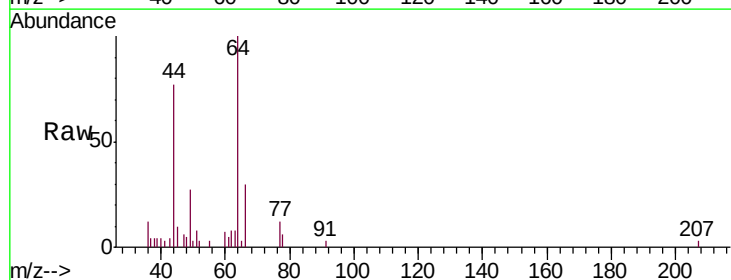
Acq: 25 Jul 2018 09:49

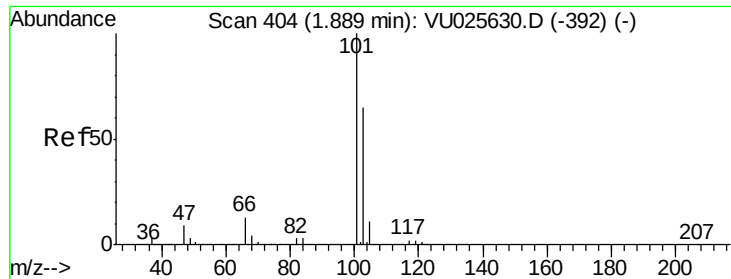
Tgt Ion: 64 Resp: 4685

Ion Ratio Lower Upper

64 100

66 29.5 24.9 37.3





#7

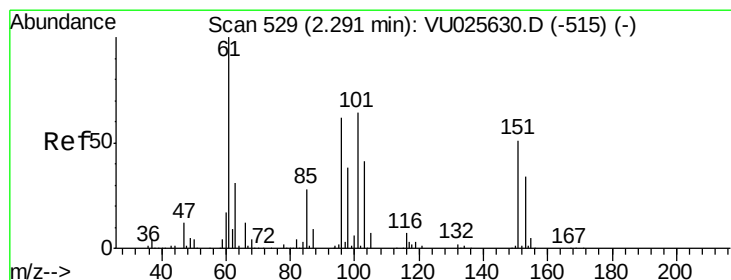
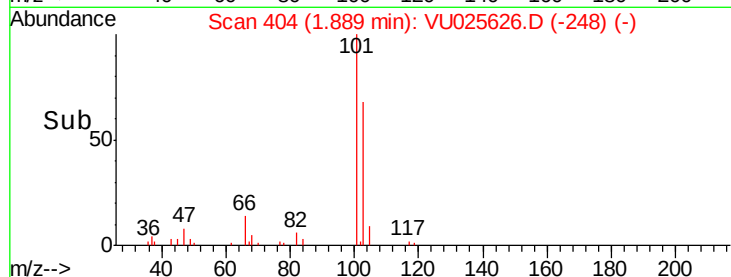
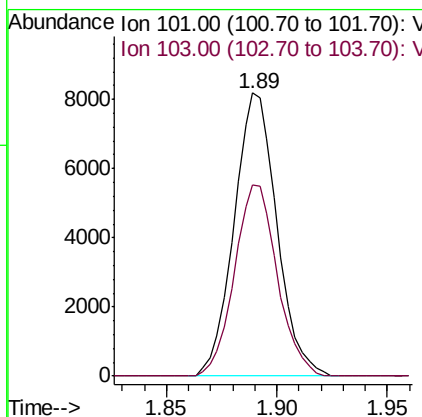
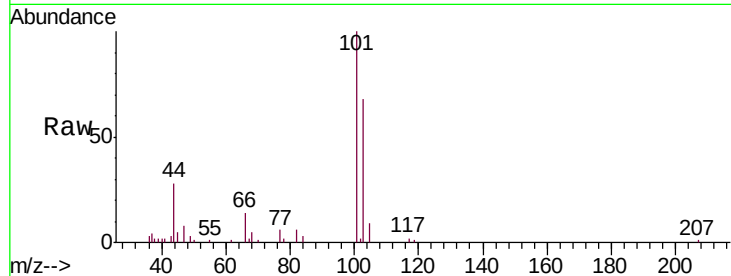
Trichlorofluoromethane
Concen: 0.590 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
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ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.4	77.0

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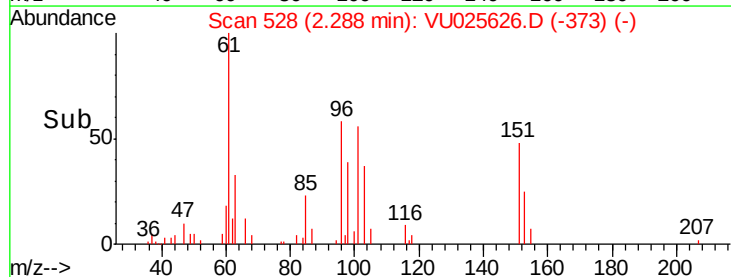
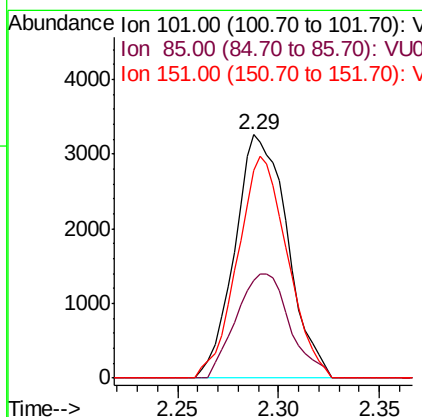
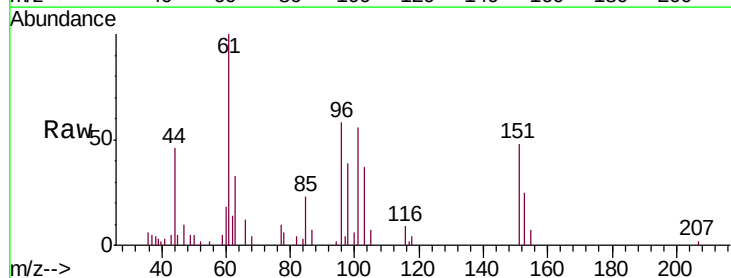
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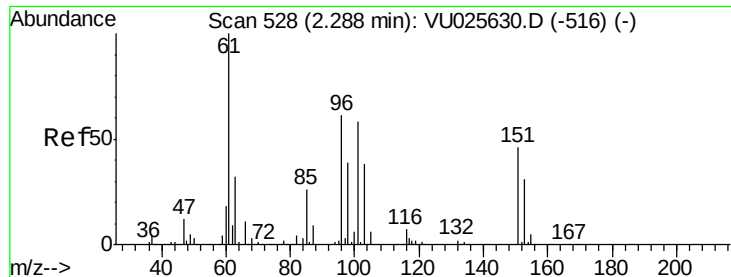


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.518 ug/l
RT: 2.29 min Scan# 528
Delta R.T. -0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.2	52.8
151	86.4	63.5	95.3





#9

1,1-Dichloroethene

Concen: 0.517 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

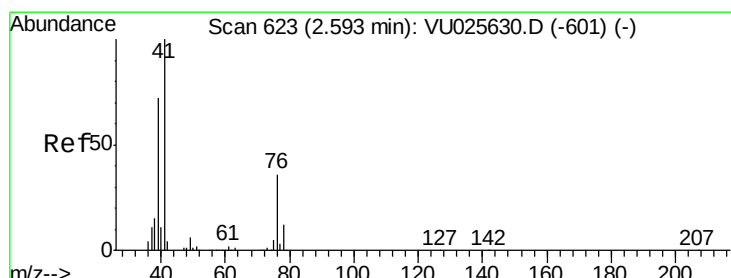
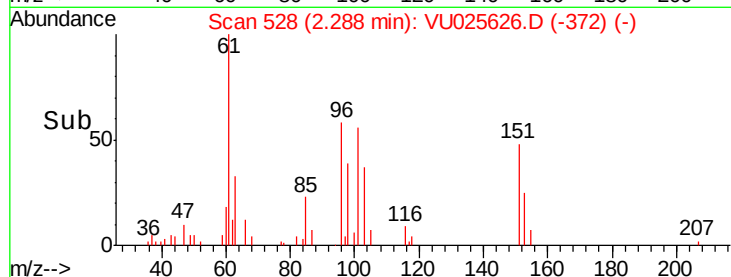
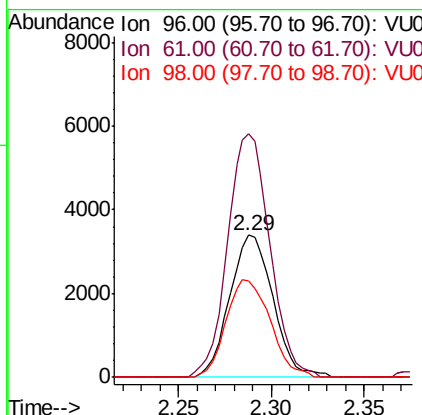
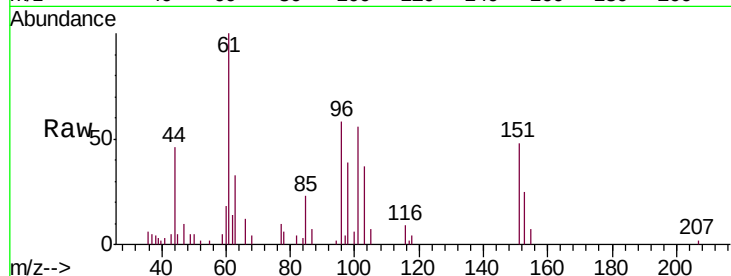
ClientSampleId :

VSTDIC0.5

Tot Ion:	96	Resp:	5518
Ion	Ratio	Lower	Upper
96	100		
61	171.1	0.0	526.5
98	67.5	0.0	123.4

Manual Integrations
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#11

Allyl Chloride

Concen: 0.483 ug/l m

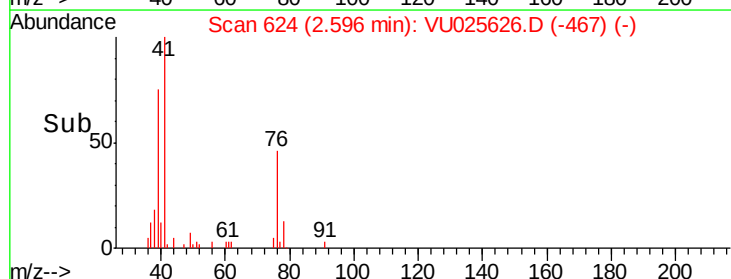
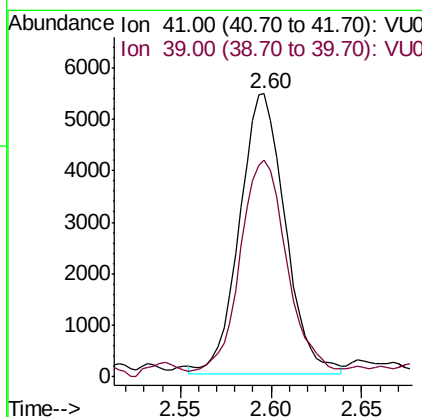
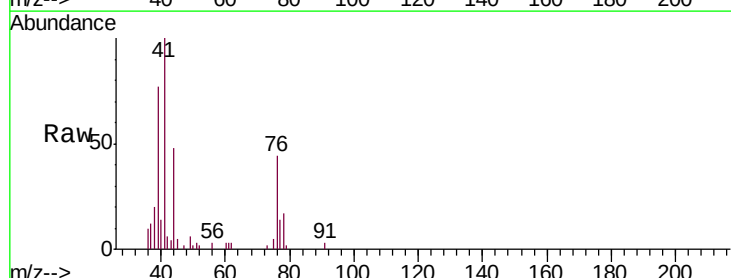
RT: 2.60 min Scan# 624

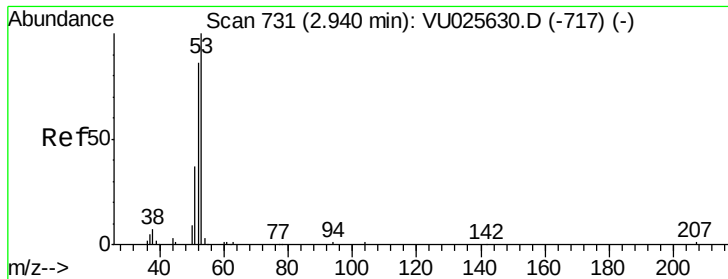
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	41	Resp:	9469
Ion	Ratio	Lower	Upper
41	100		
39	6.1	51.4	77.2#





#12

Acrylonitrile

Concen: 1.190 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

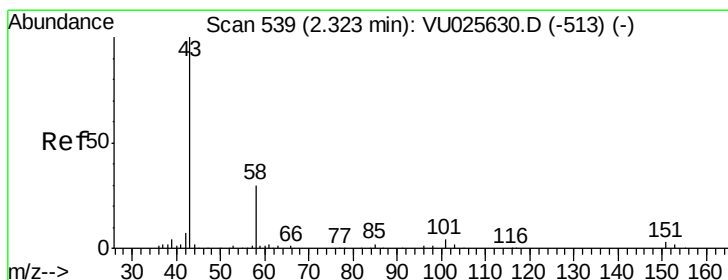
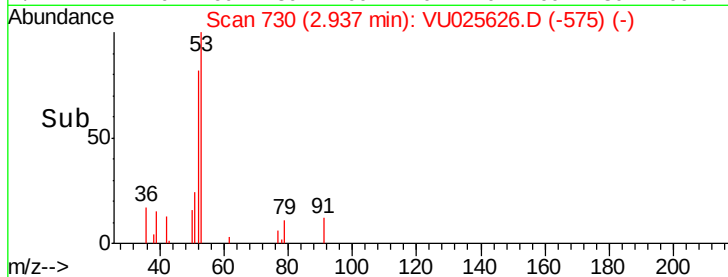
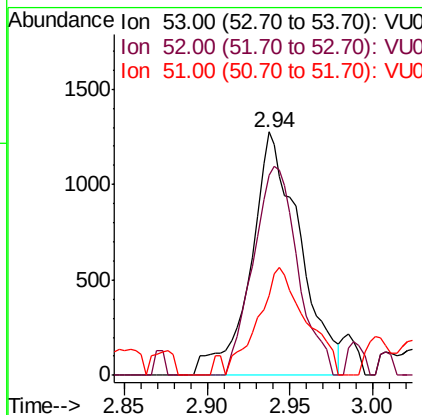
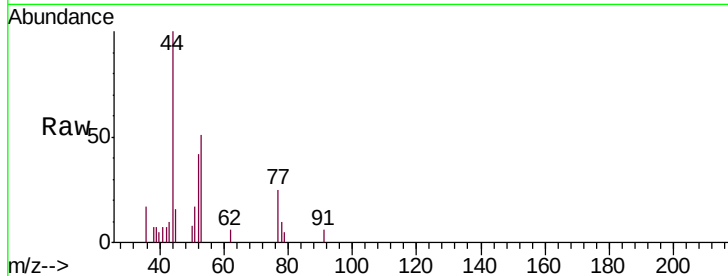
ClientSampleId :

VSTDIC0.5

Tot Ion:	53	Resp:	2619
Ion	Ratio	Lower	Upper
53	100		
52	77.8	65.1	97.7
51	43.3	30.2	45.4

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#13

Acetone

Concen: 3.410 ug/l

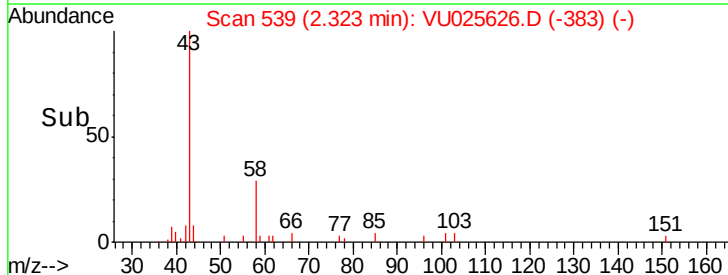
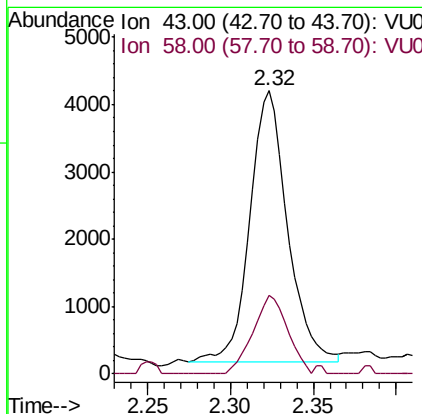
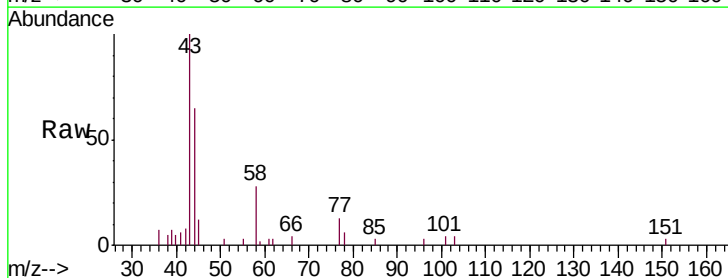
RT: 2.32 min Scan# 539

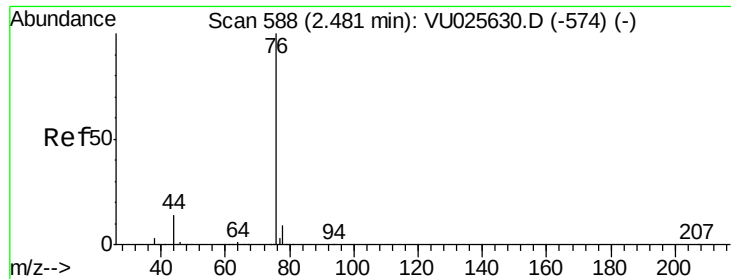
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	43	Resp:	6371
Ion	Ratio	Lower	Upper
43	100		
58	29.0	26.0	39.0





#14

Carbon Disulfide

Concen: 0.555 ug/l

RT: 2.48 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 76 Resp: 19464

Ion Ratio Lower Upper

76 100

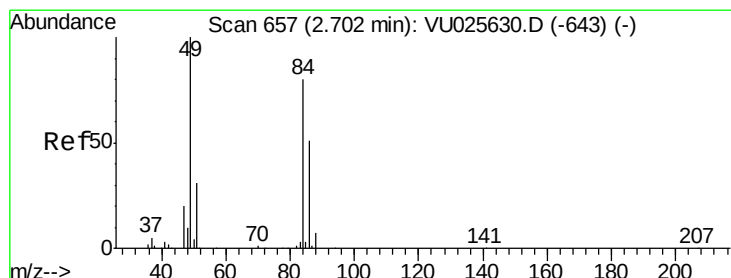
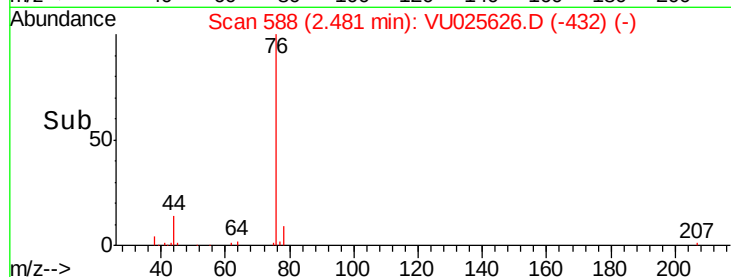
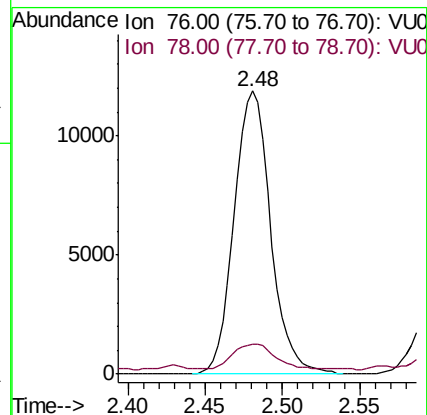
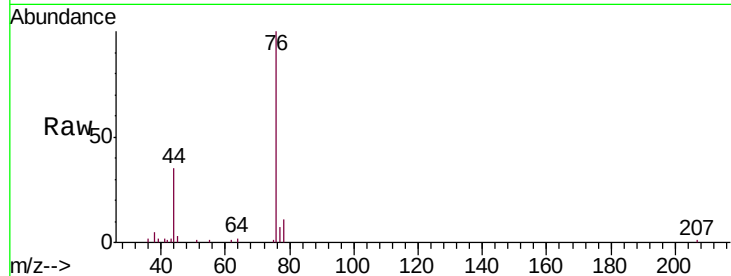
78 9.0 7.3 10.9

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#15

Methylene Chloride

Concen: 0.600 ug/l

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion: 84 Resp: 7290

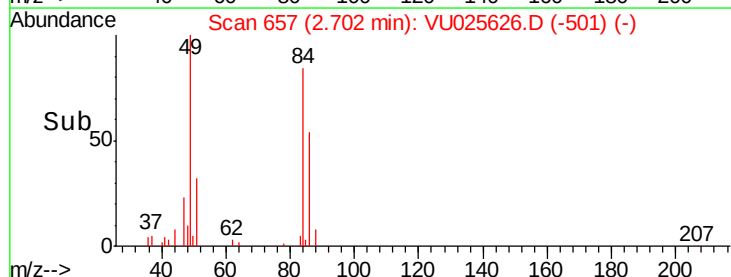
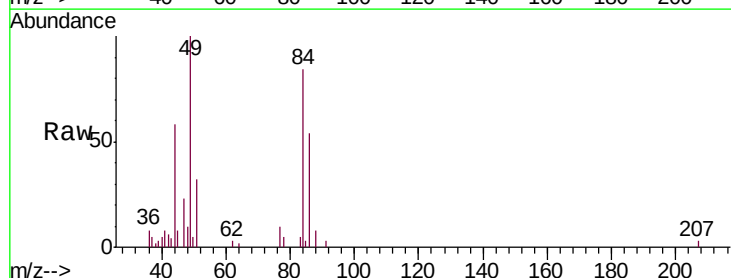
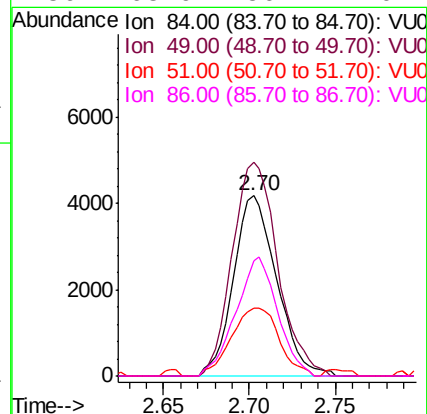
Ion Ratio Lower Upper

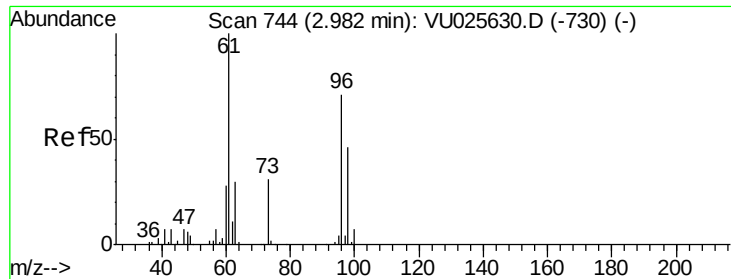
84 100

49 118.6 108.7 163.1

51 37.6 0.0 82.4

86 63.9 50.7 76.1





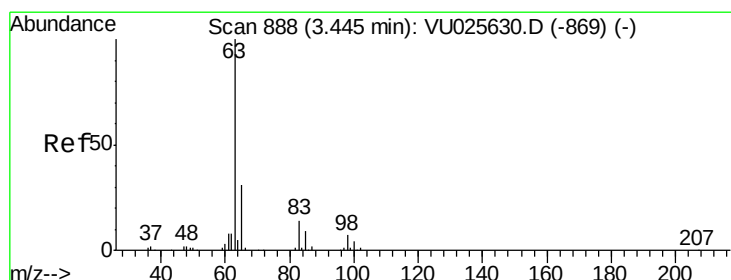
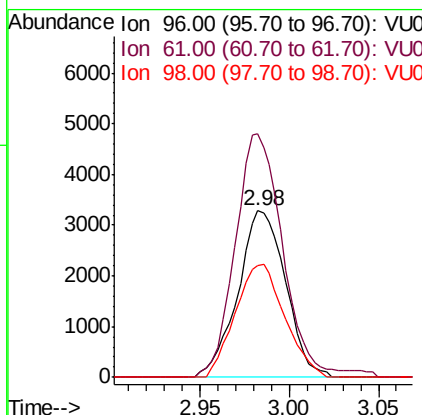
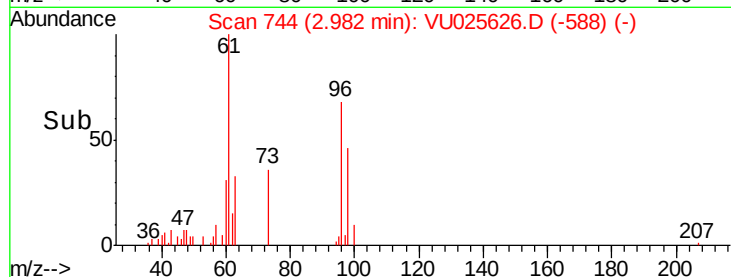
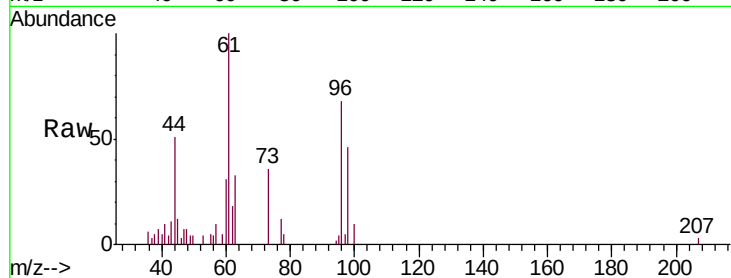
#16
trans-1,2-Dichloroethene
Concen: 0.536 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	123.9	185.9
98	67.4	50.6	76.0

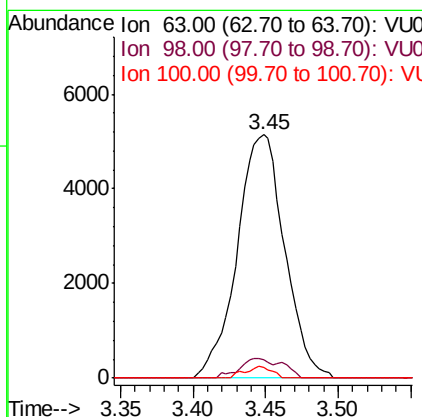
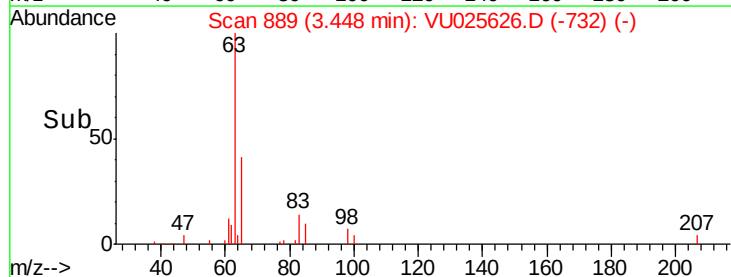
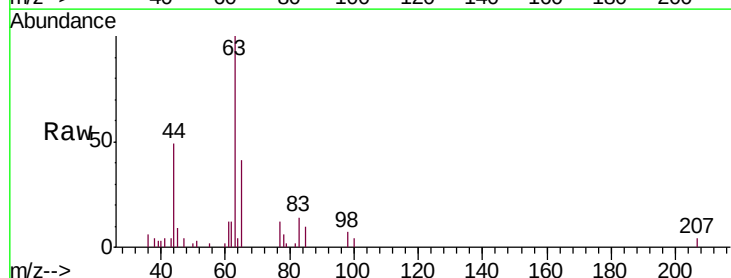
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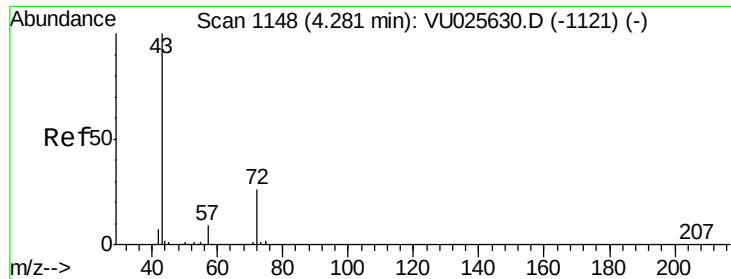
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#17
1,1-Dichloroethane
Concen: 0.520 ug/l
RT: 3.45 min Scan# 889
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	2.9	8.8
100	4.5	2.0	5.8





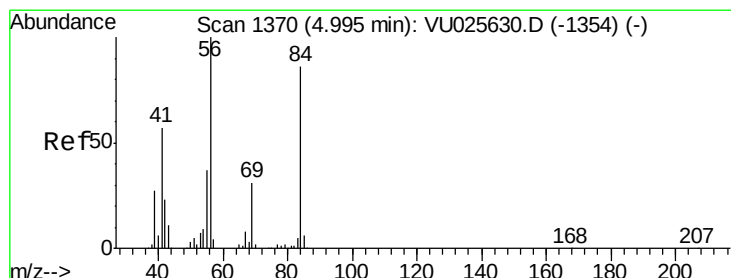
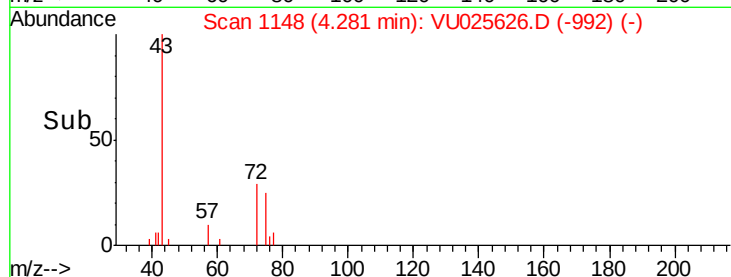
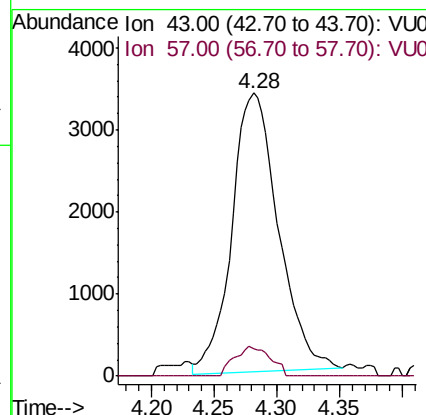
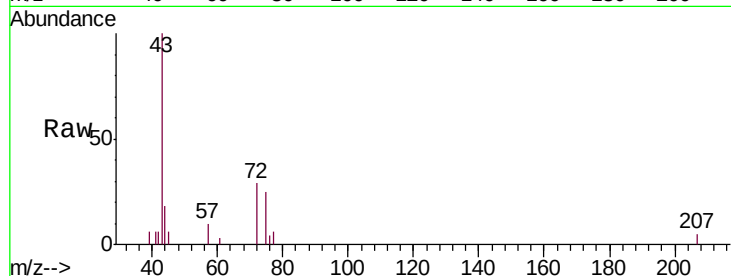
#18
2-Butanone
Concen: 2.899 ug/l
RT: 4.28 min Scan# 1148
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
57	10.0	0.0	15.8

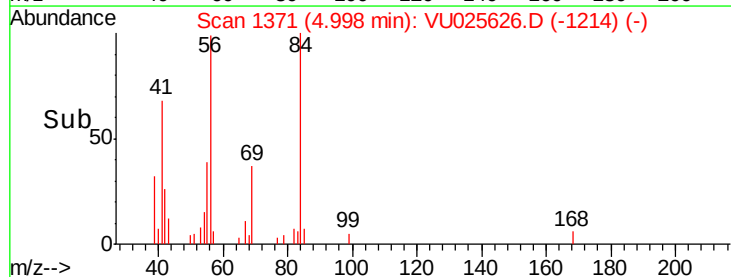
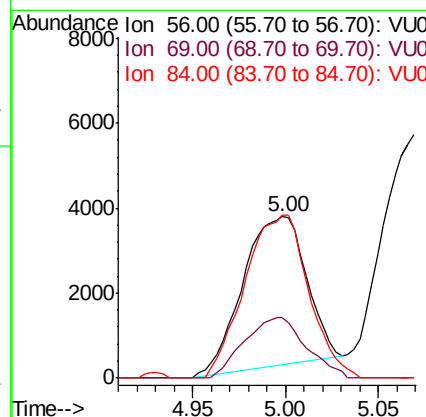
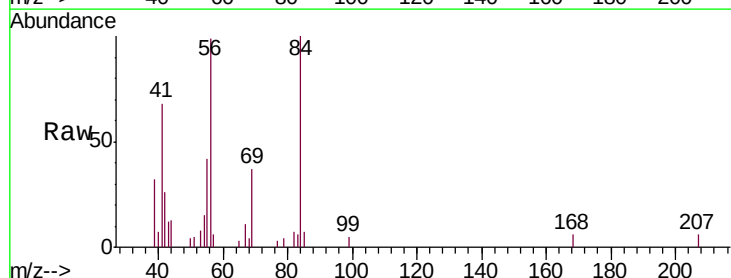
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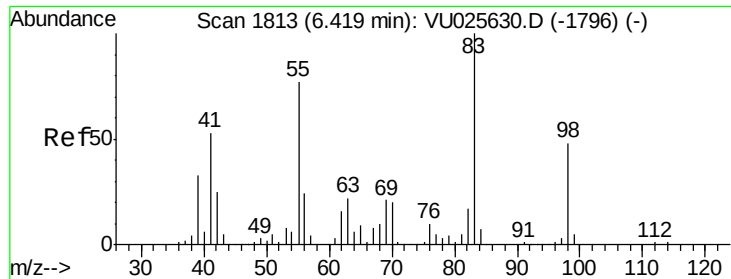
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#19
Cyclohexane
Concen: 0.432 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
56	100		
69	39.3	26.0	39.0#
84	109.4	68.3	102.5#





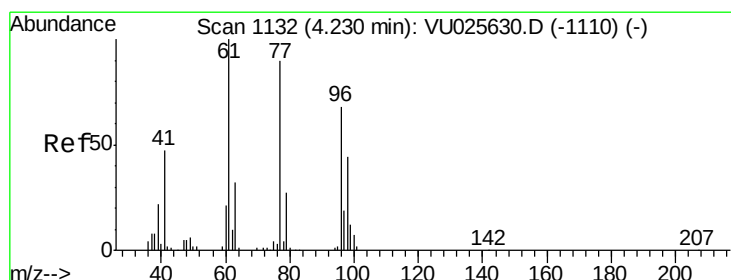
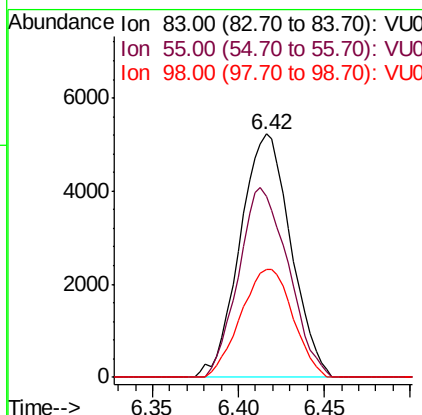
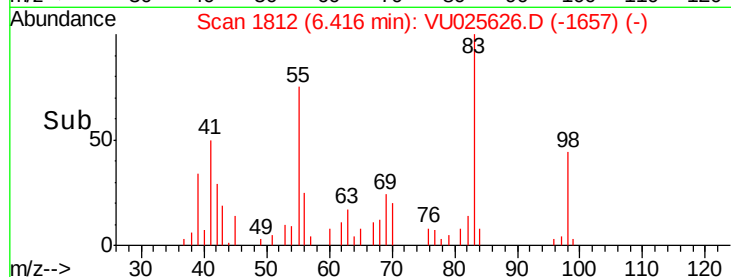
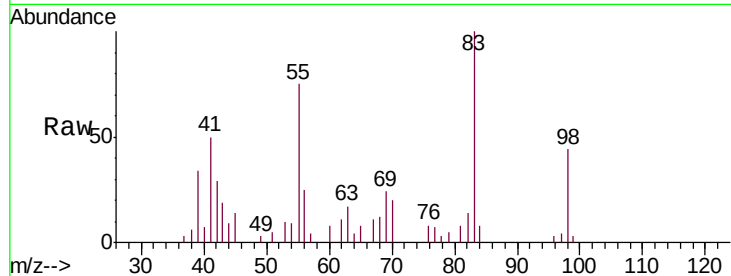
#20
Methylvlcyclohexane
Concen: 0.538 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	66.4	99.6
98	45.6	35.4	53.2

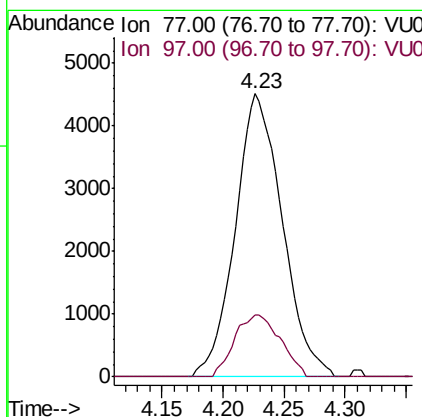
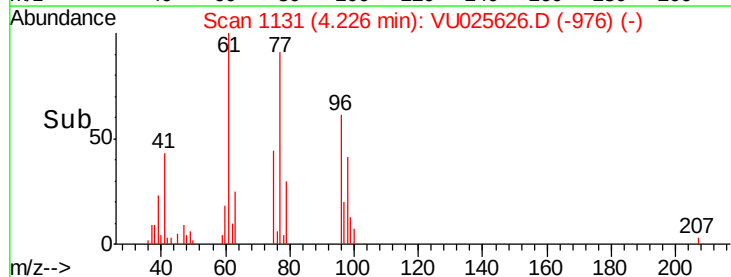
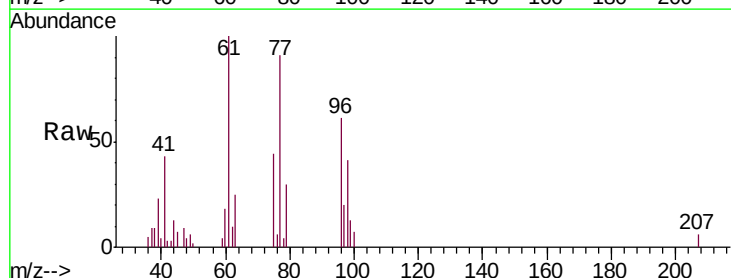
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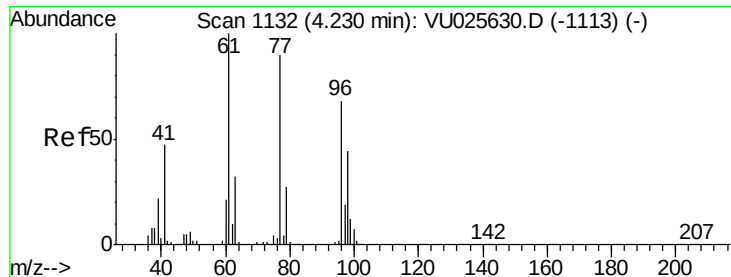
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#21
2,2-Dichloropropane
Concen: 0.675 ug/l
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.3	17.9	26.9





#22

cis-1,2-Dichloroethene

Concen: 0.646 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

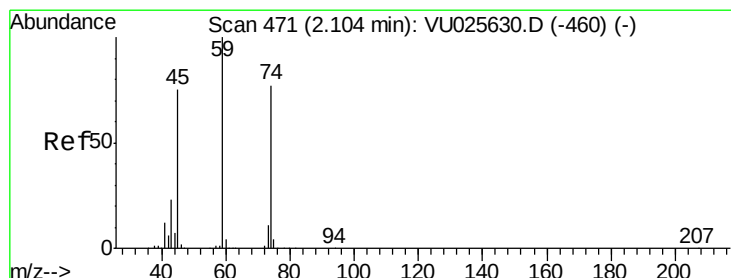
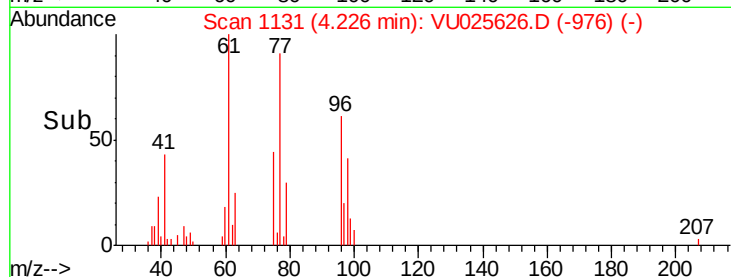
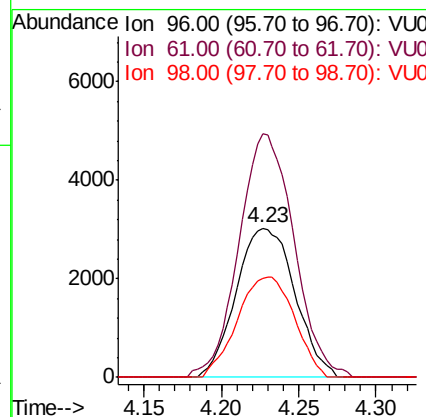
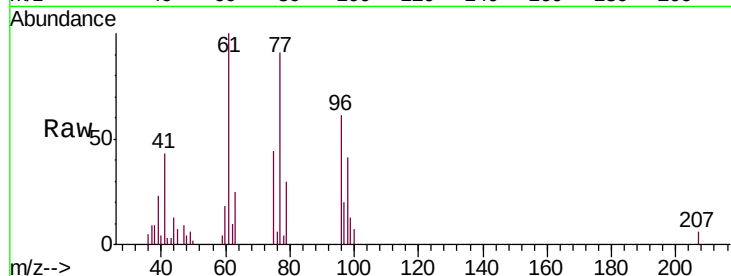
VSTDIC0.5

Tot Ion:	96	Resp:	7986
Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	400.5
98	65.3	32.2	96.6

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#23

Diethyl Ether

Concen: 0.480 ug/l

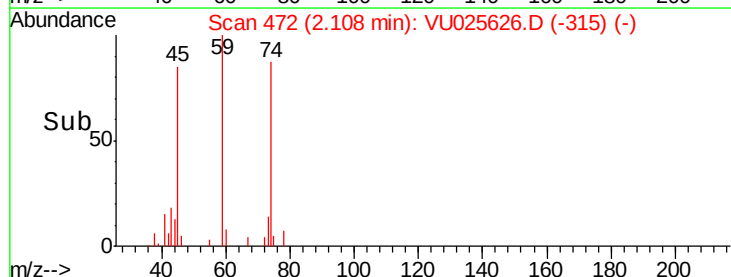
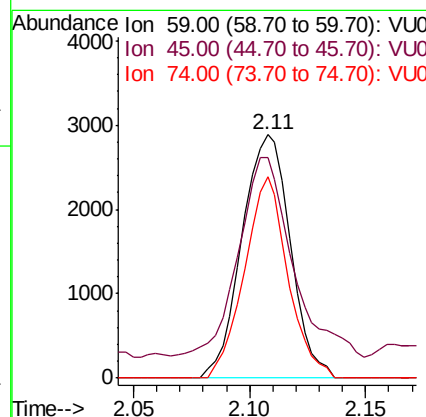
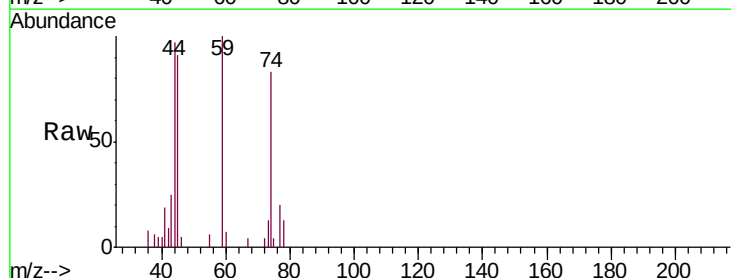
RT: 2.11 min Scan# 472

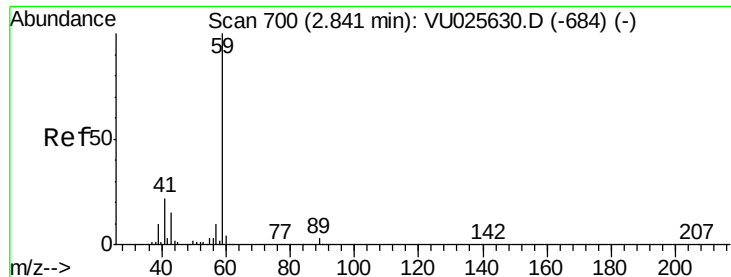
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	59	Resp:	4183
Ion	Ratio	Lower	Upper
59	100		
45	91.3	60.0	90.0#
74	74.5	56.5	84.7





#24

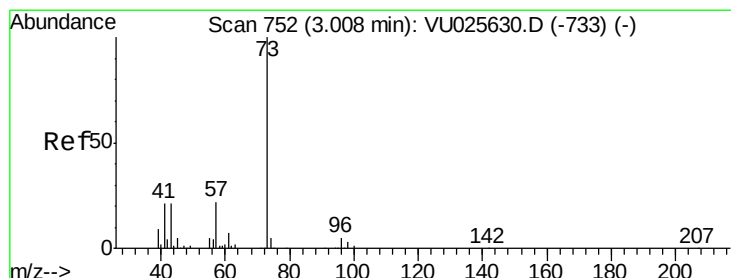
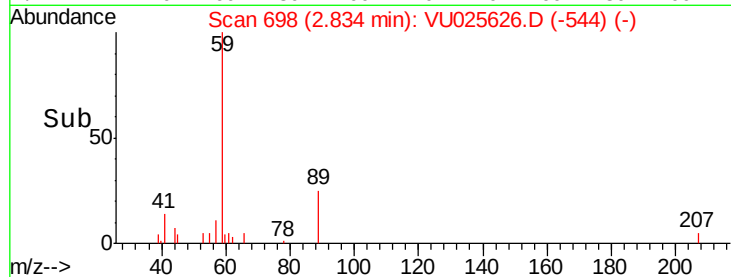
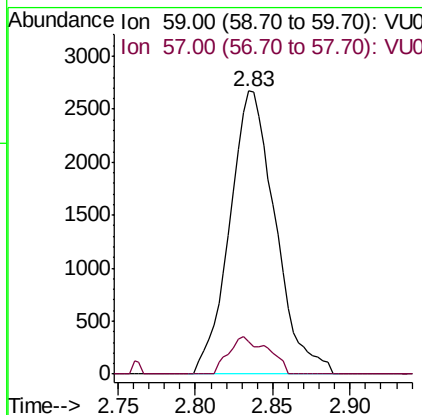
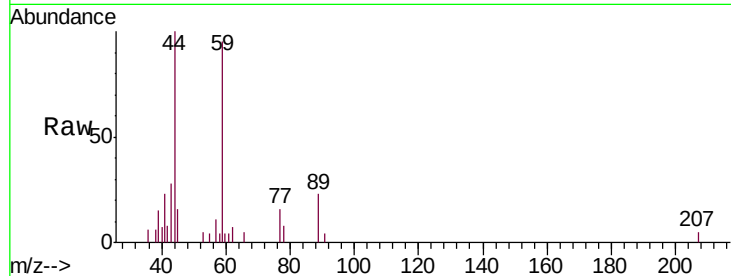
tert-Butyl Alcohol
 Concen: 8.309 ug/l
 RT: 2.83 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	3.4	5.2#

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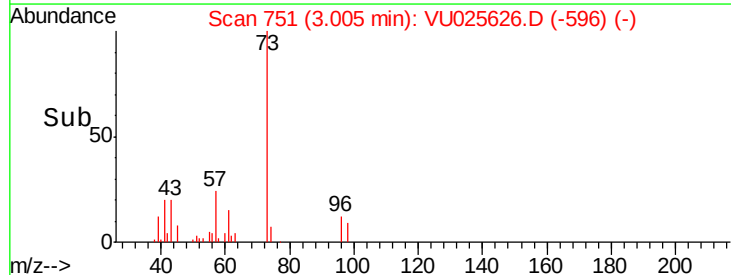
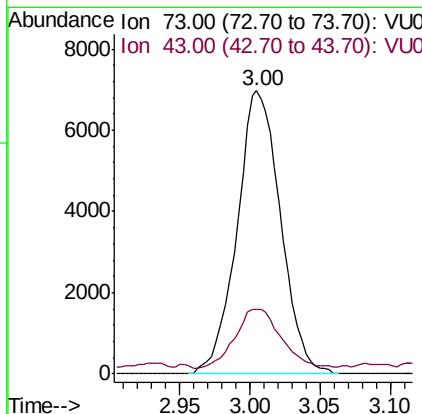
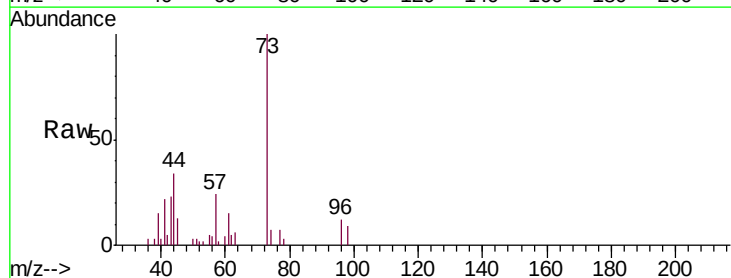
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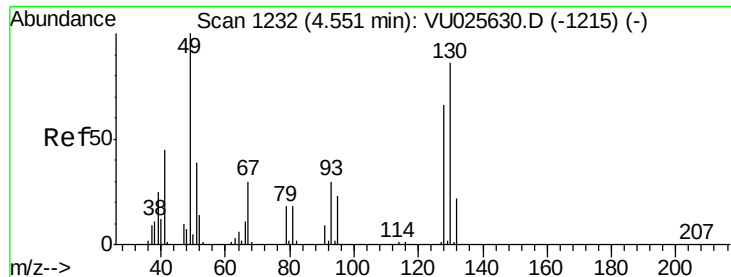


#25

Methyl tert-Butyl Ether
 Concen: 0.562 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.2	24.2





#26

Bromochloromethane

Concen: 0.738 ug/l

RT: 4.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

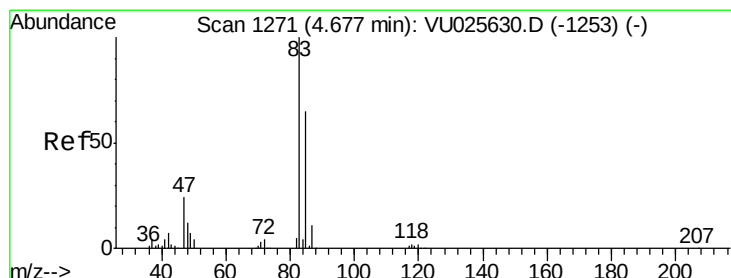
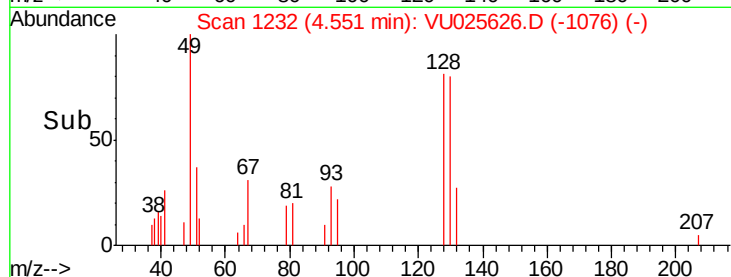
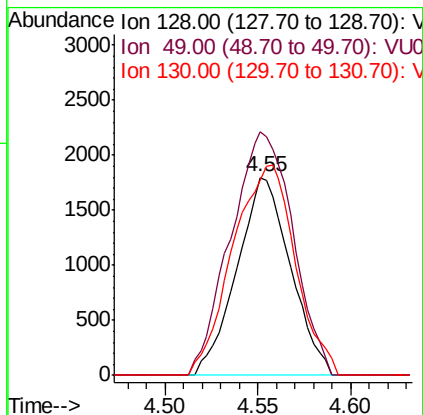
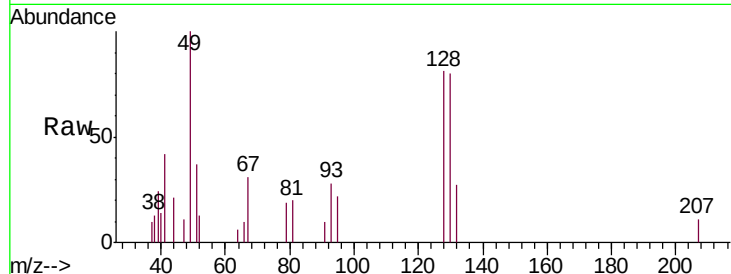
ClientSampleId :

VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
128	100		
49	142.8	0.0	375.2
130	124.3	105.8	158.6

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#27

Chloroform

Concen: 0.641 ug/l

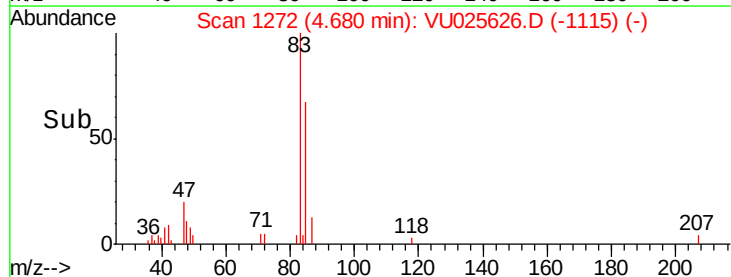
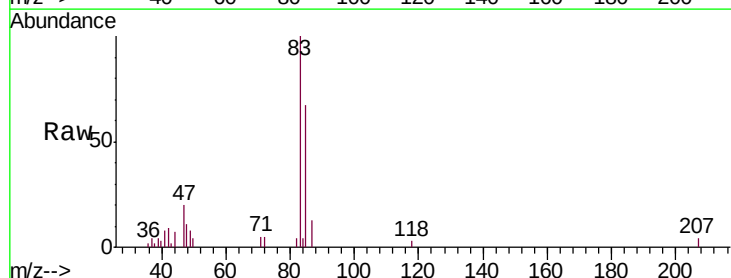
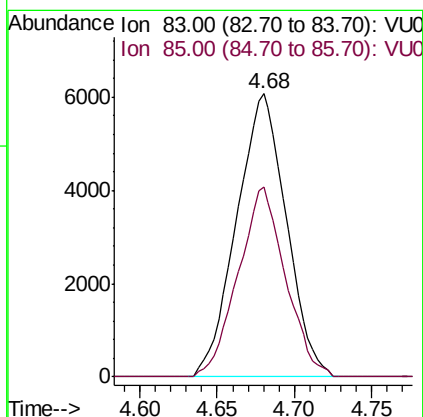
RT: 4.68 min Scan# 1272

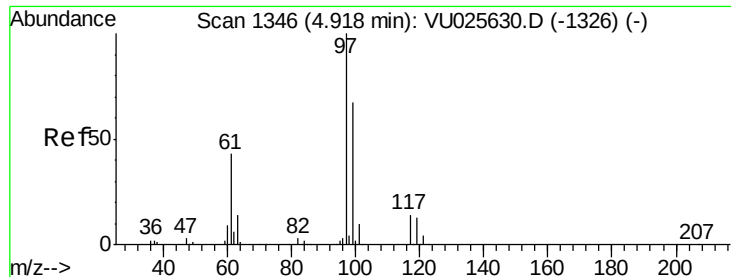
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	0.0	128.4





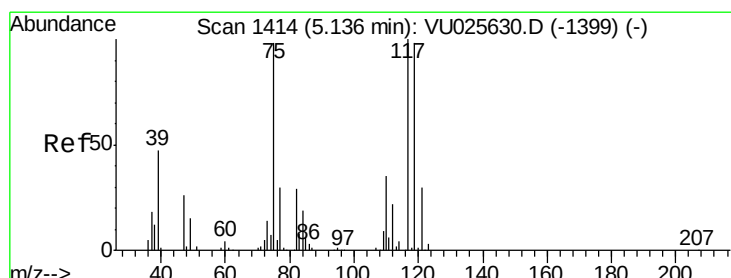
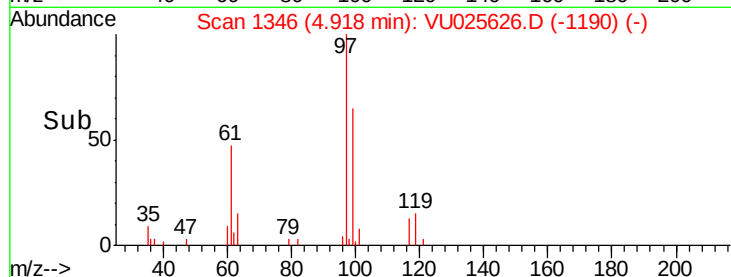
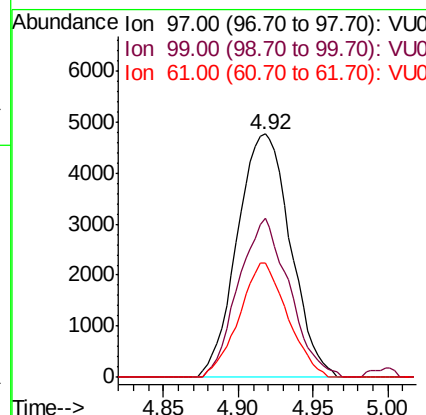
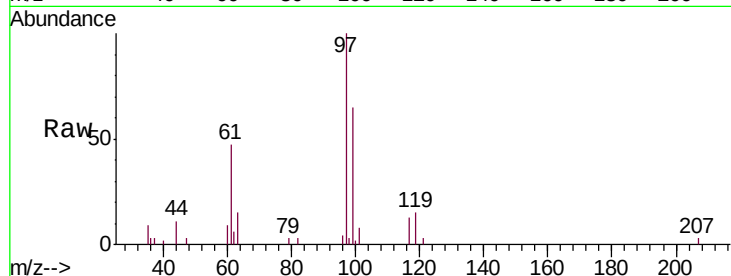
#28
 1,1,1-Trichloroethane
 Concen: 0.678 ug/l
 RT: 4.92 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
97	100		
99	62.4	32.3	96.9
61	42.7	23.2	69.5

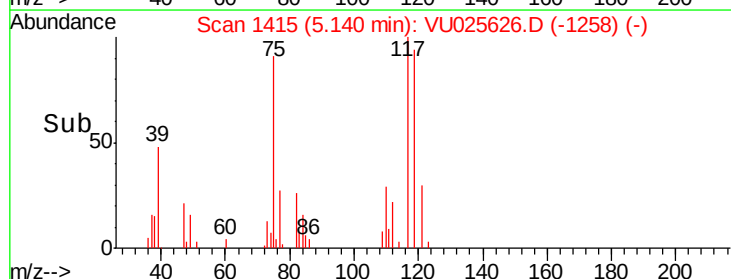
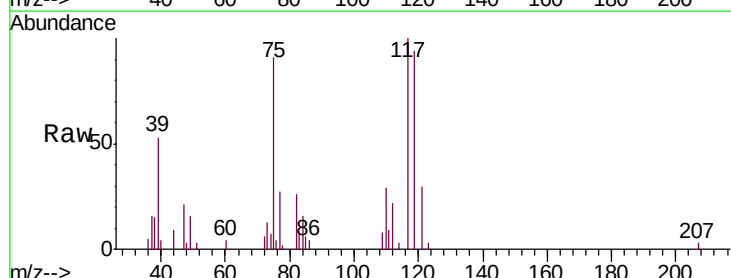
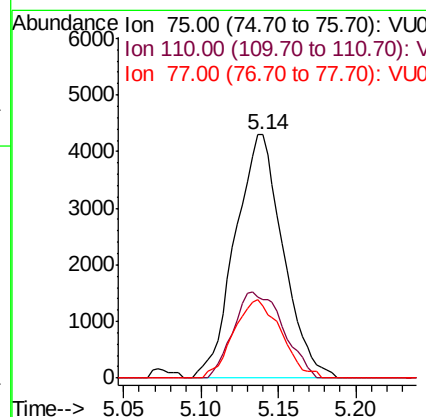
Manual Integrations
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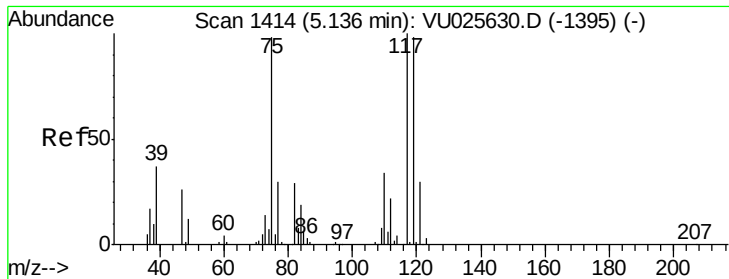
apatel
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#29
 1,1-Dichloropropene
 Concen: 0.543 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	16.9	50.7
77	31.9	24.8	37.2





#30

Carbon Tetrachloride

Concen: 0.748 ug/l

RT: 5.14 min Scan# 1414

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

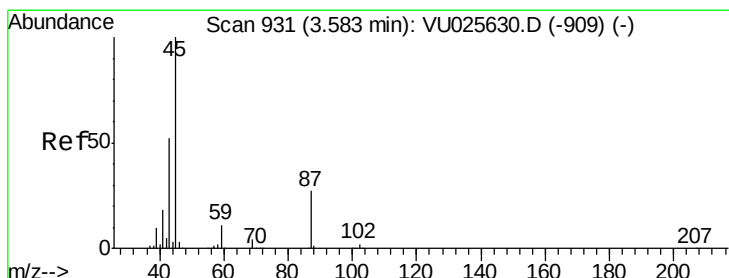
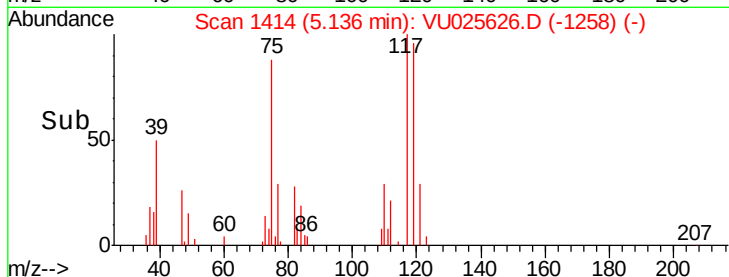
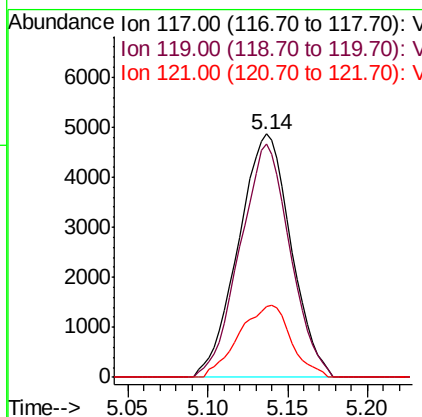
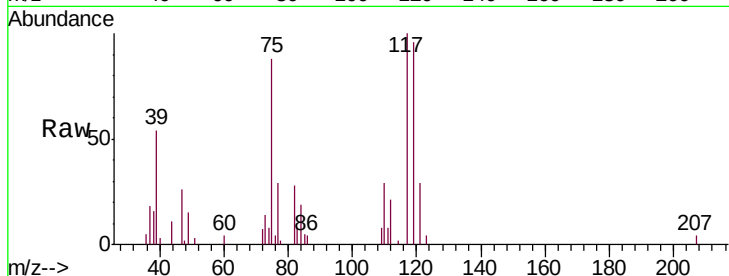
ClientSampled :

VSTDIC0.5

Tot Ion:	117	Resp:	10942
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.3	115.9
121	29.0	24.5	36.7

Manual Integrations
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#31

Isopropyl Ether

Concen: 0.496 ug/l

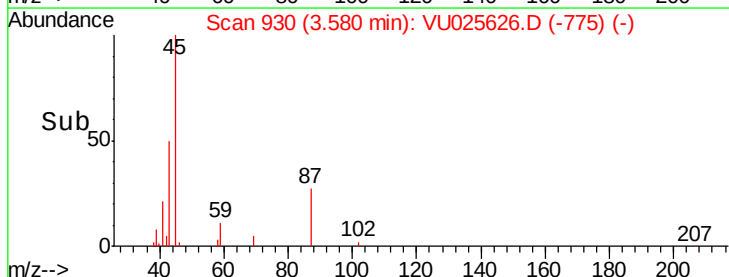
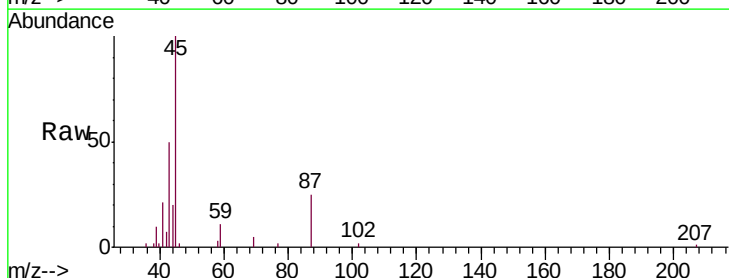
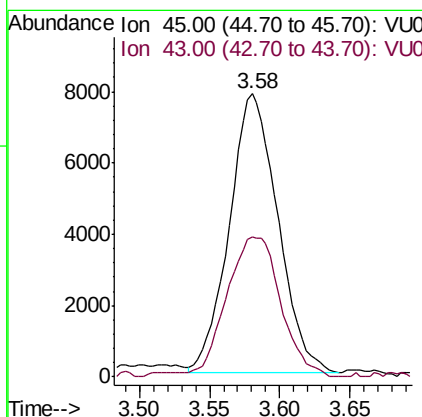
RT: 3.58 min Scan# 930

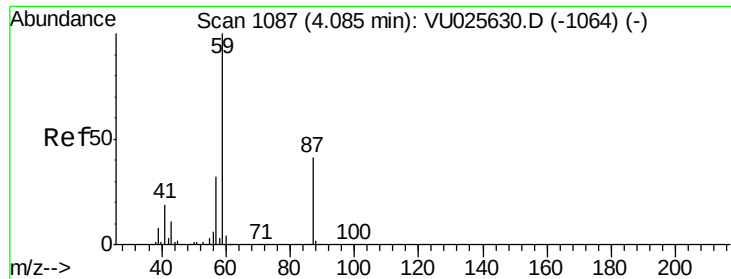
Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	45	Resp:	18855
Ion	Ratio	Lower	Upper
45	100		
43	56.7	24.0	72.0





#32

Ethyl-t-butyl ether

Concen: 0.566 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 59 Resp: 18388

Ion Ratio Lower Upper

59 100

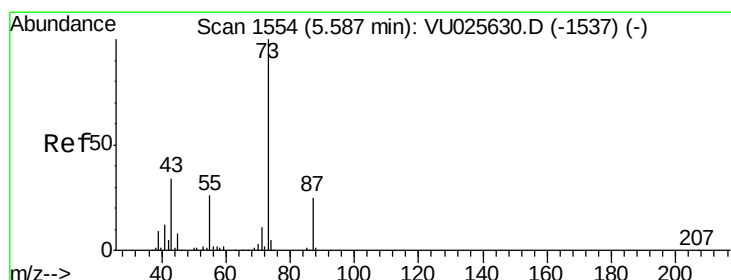
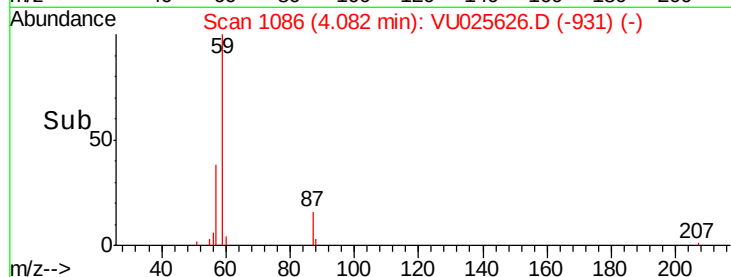
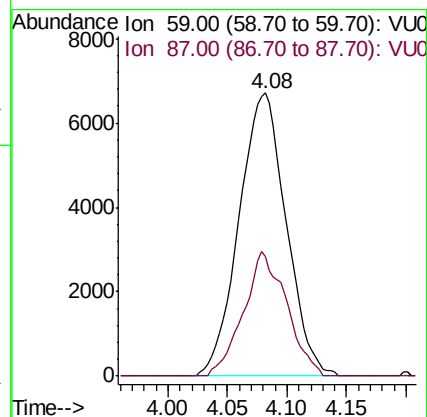
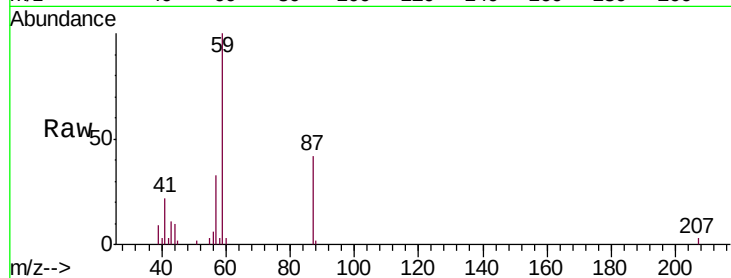
87 40.2 31.0 46.6

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#33

Tert-Amyl methyl ether

Concen: 0.563 ug/l

RT: 5.58 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

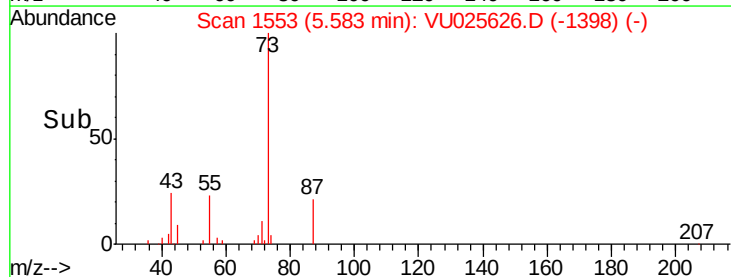
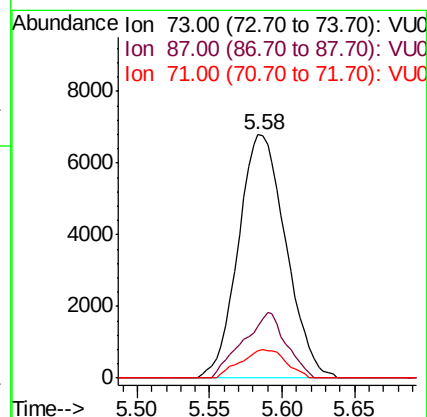
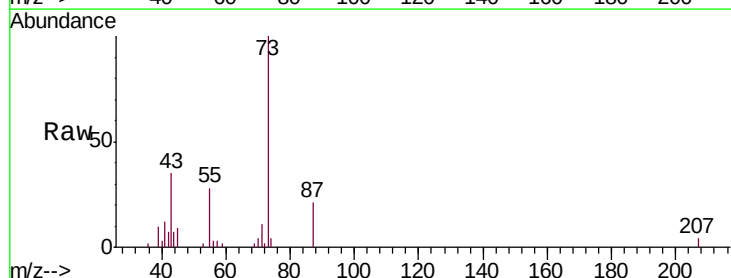
Tgt Ion: 73 Resp: 15476

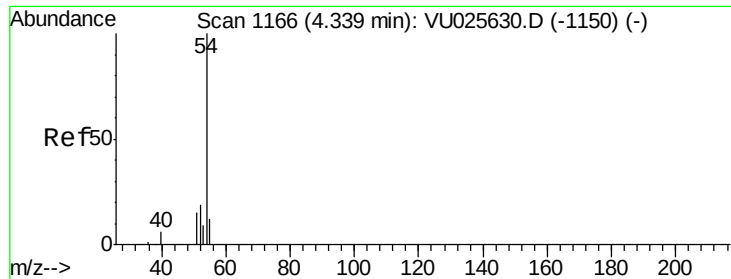
Ion Ratio Lower Upper

73 100

87 24.4 18.6 28.0

71 11.2 9.3 13.9





#34

Propionitrile

Concen: 2.978 ug/l

RT: 4.34 min Scan# 1166

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

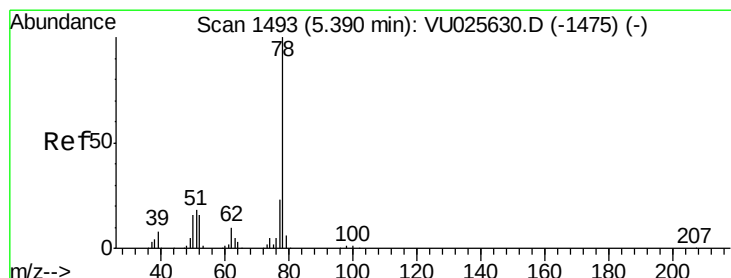
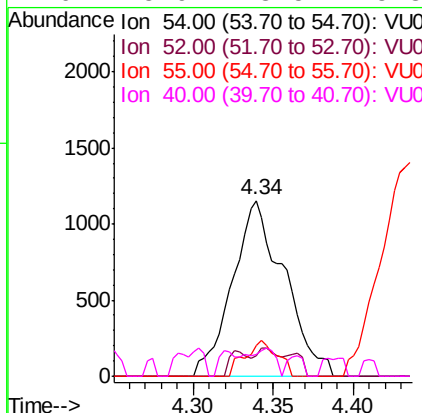
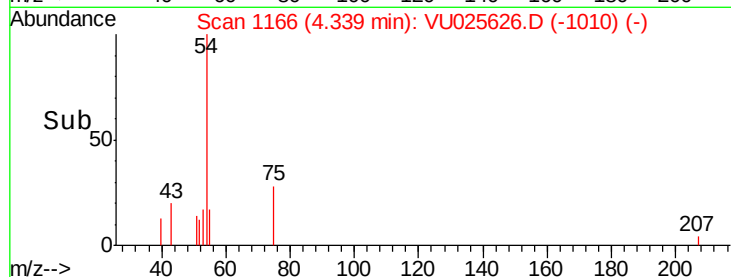
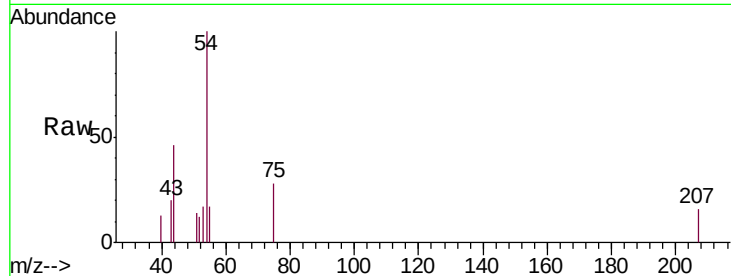
ClientSampleId :

VSTDIC0.5

Tot Ion	54	Resp:	2560
Ion	Ratio	Lower	Upper
54	100		
52	2.9	13.7	20.5#
55	12.5	10.2	15.2
40	5.9	3.5	5.3#

Manual Integrations
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#35

Benzene

Concen: 0.531 ug/l

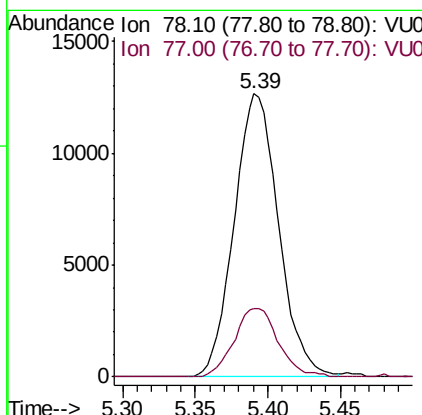
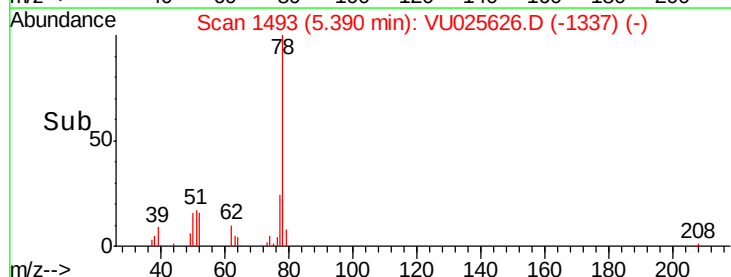
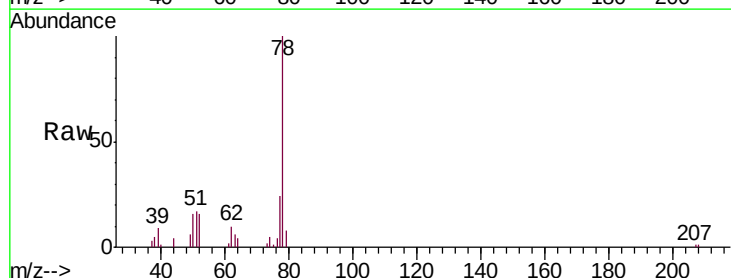
RT: 5.39 min Scan# 1493

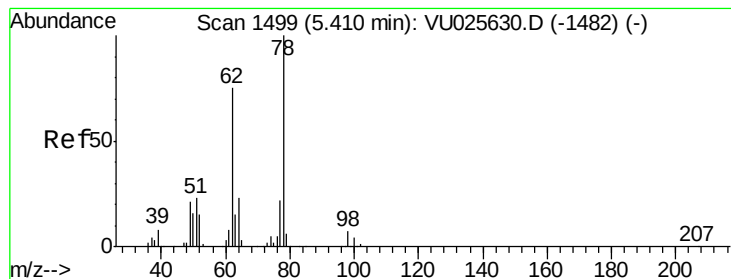
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion	78	Resp:	26949
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





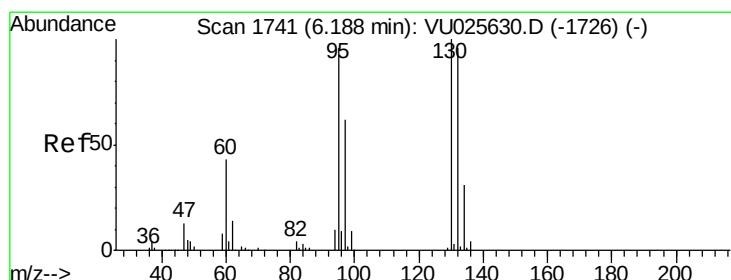
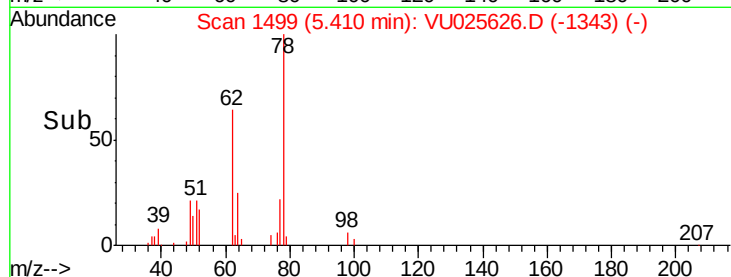
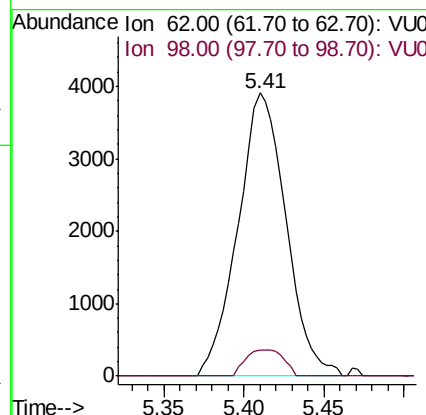
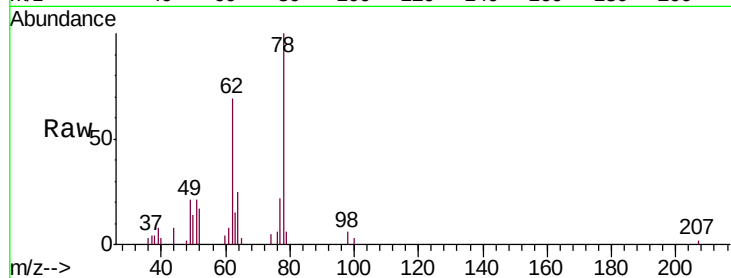
#36
1,2-Dichloroethane
Concen: 0.560 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.2	7.2	10.8

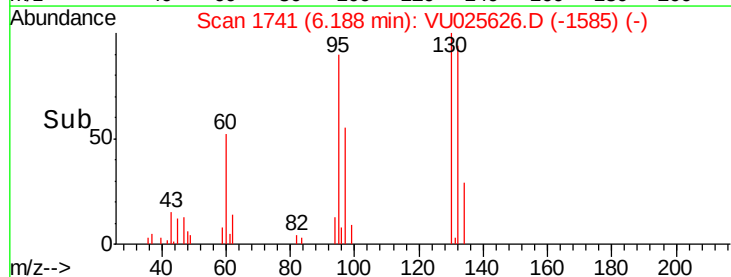
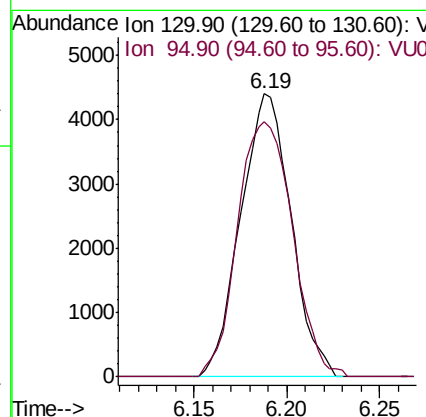
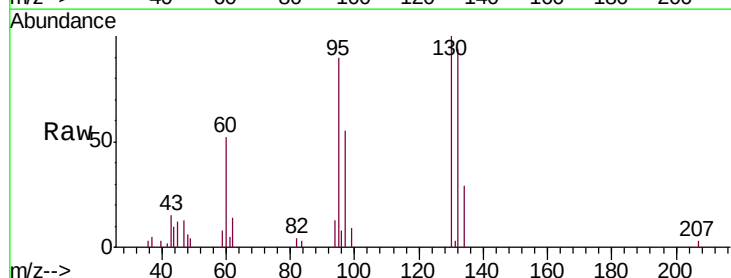
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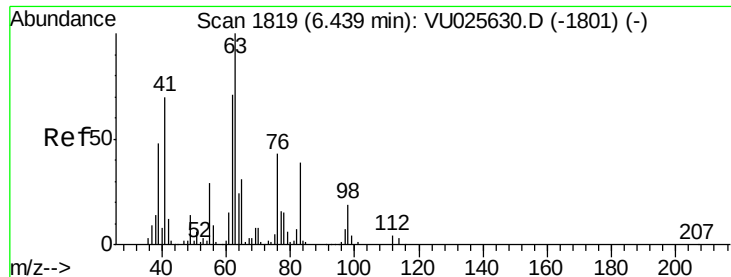
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#37
Trichloroethene
Concen: 0.610 ug/l
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	77.9	116.9





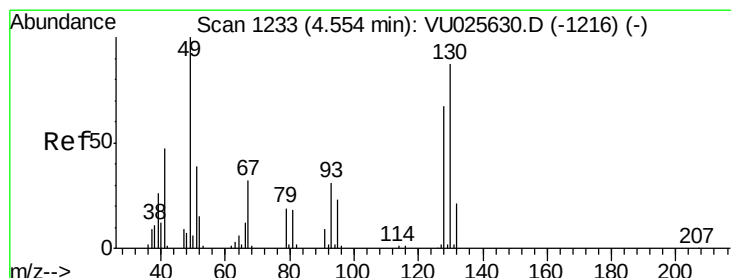
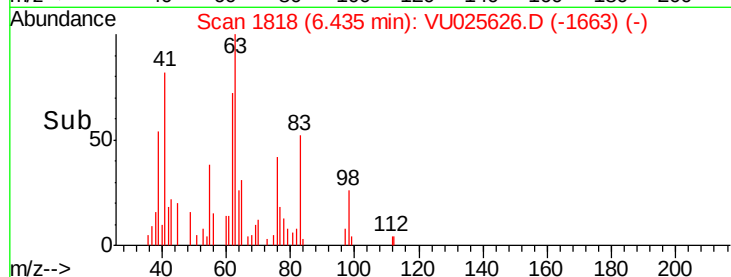
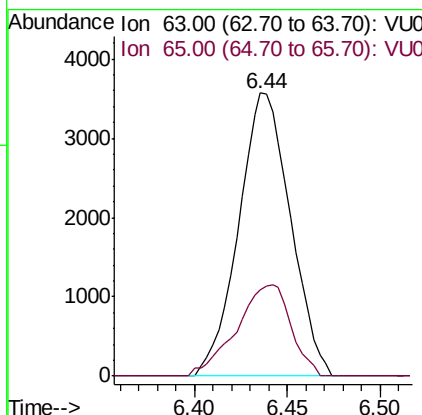
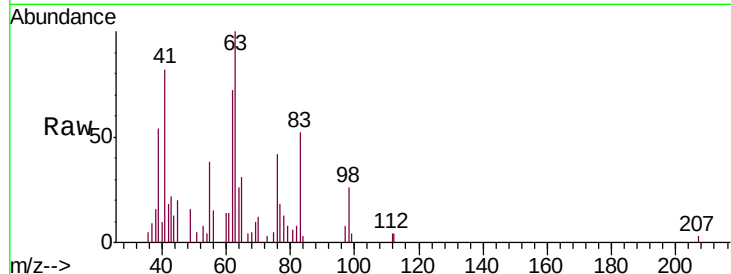
#38
 1,2-Dichloropropane
 Concen: 0.497 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 63 Resp: 6919
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.8 38.8

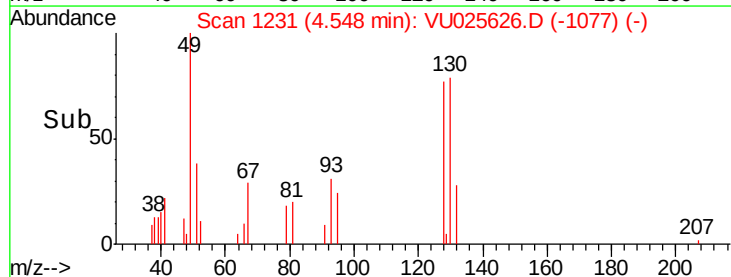
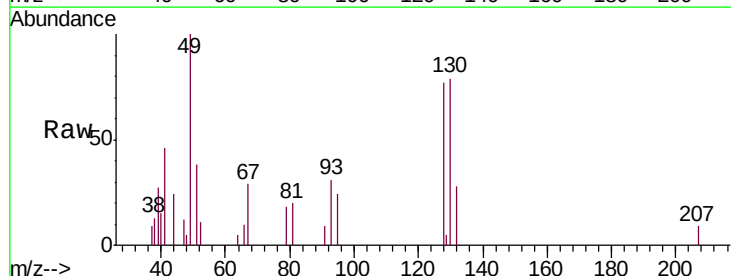
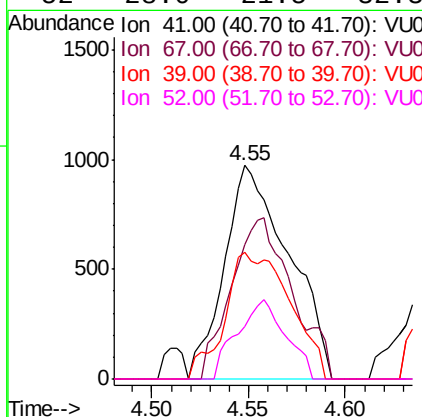
Manual Integrations
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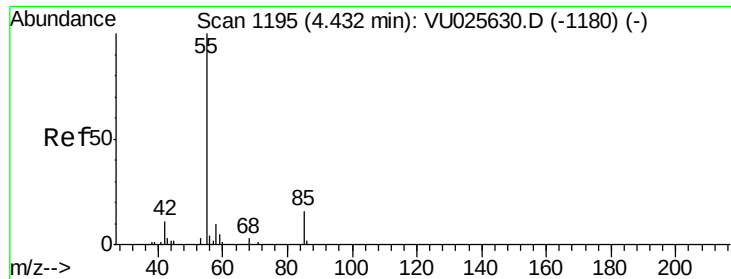
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#39
 Methacrylonitrile
 Concen: 0.515 ug/l
 RT: 4.55 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion: 41 Resp: 2262
 Ion Ratio Lower Upper
 41 100
 67 70.9 51.3 76.9
 39 59.8 40.6 60.8
 52 28.0 21.5 32.3





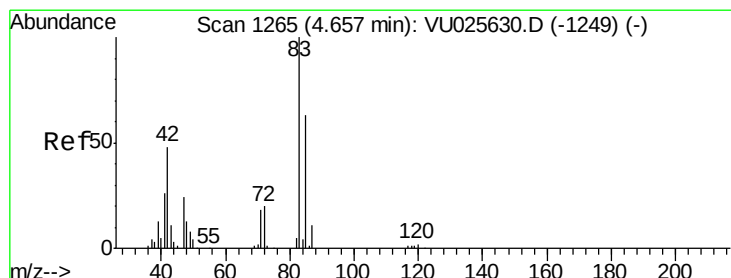
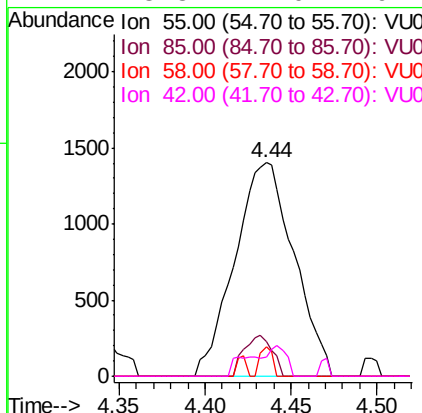
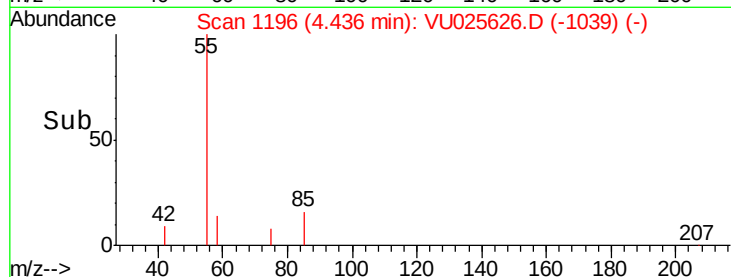
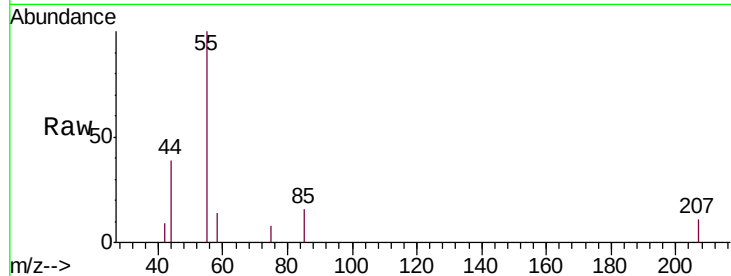
#40
Methyl acrylate
Concen: 0.550 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:	55	Resp:	3356
Ion	Ratio	Lower	Upper
55	100		
85	9.1	12.3	18.5#
58	2.9	7.0	10.6#
42	8.8	7.0	10.4

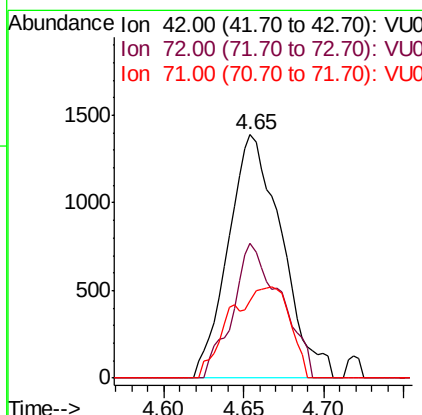
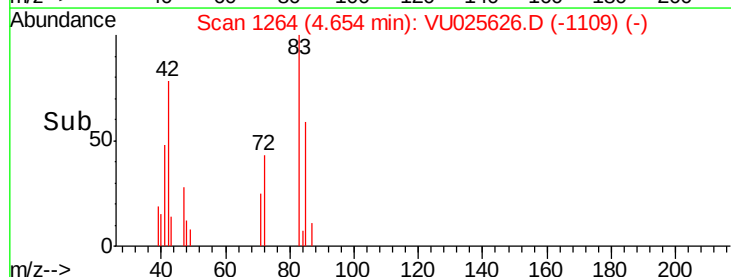
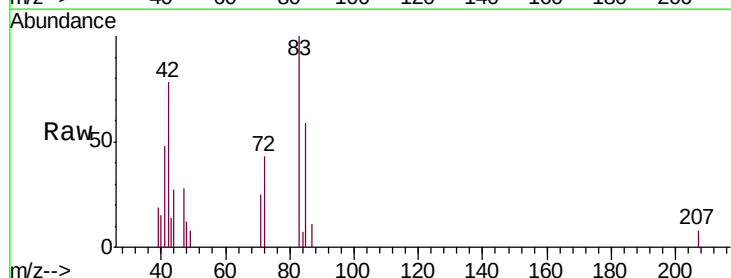
Manual Integrations
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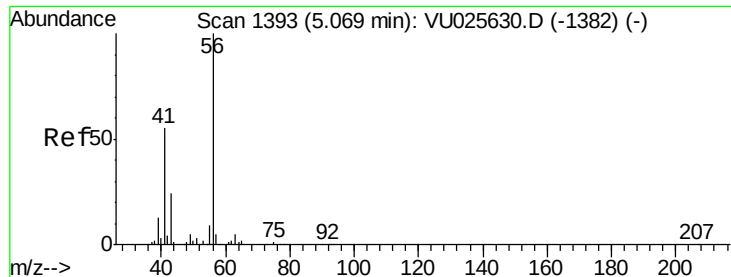
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#41
Tetrahydrofuran
Concen: 1.405 ug/l
RT: 4.65 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion:	42	Resp:	3183
Ion	Ratio	Lower	Upper
42	100		
72	49.7	33.2	49.8
71	12.6	29.8	44.8#





#42

1-Chlorobutane

Concen: 0.539 ug/l

RT: 5.07 min Scan# 1394

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampled :

VSTDIC0.5

Tot Ion: 56 Resp: 13324

Ion Ratio Lower Upper

56 100

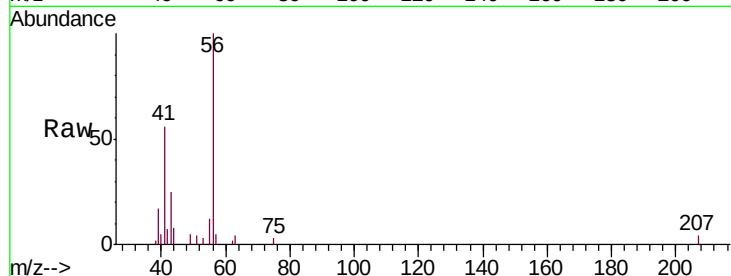
41 53.2 27.5 82.5

Manual Integrations

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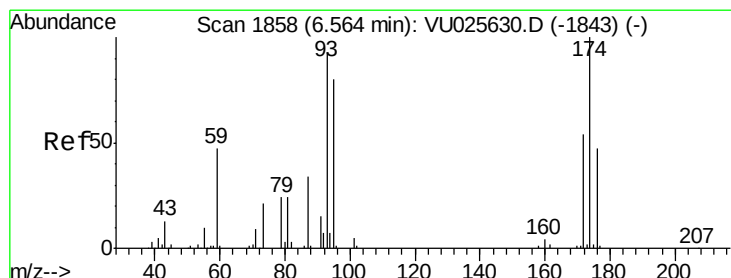
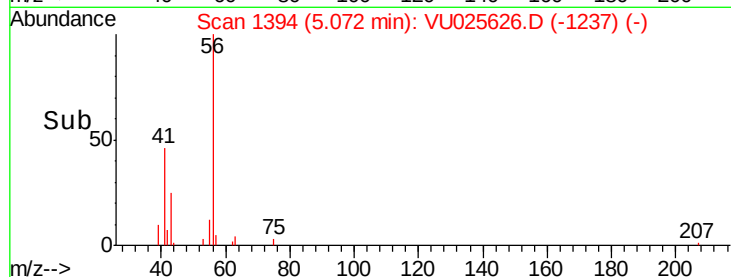
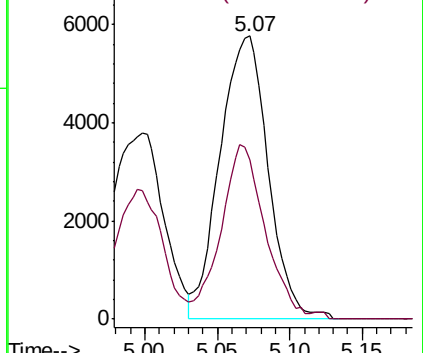
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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0



#43

Dibromomethane

Concen: 0.611 ug/l

RT: 6.56 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

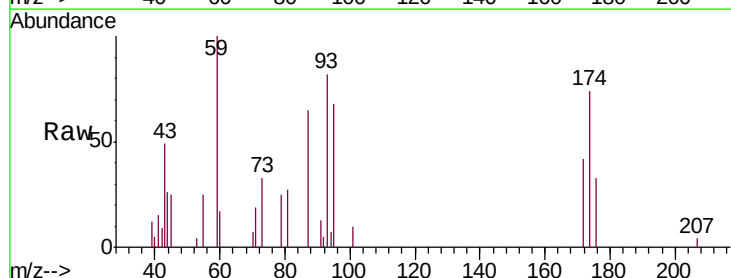
Tgt Ion: 93 Resp: 3655

Ion Ratio Lower Upper

93 100

95 86.1 67.2 100.8

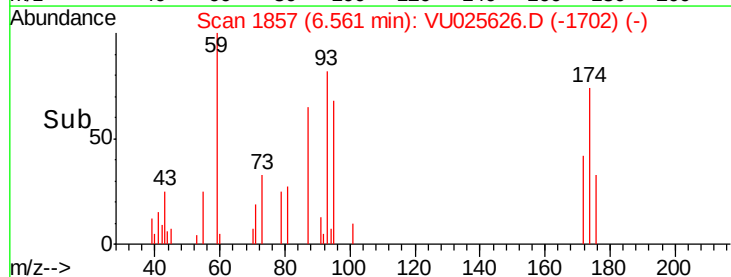
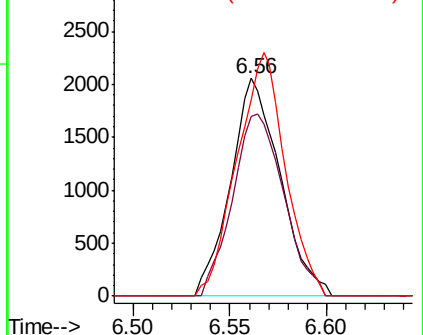
174 109.2 82.8 124.2

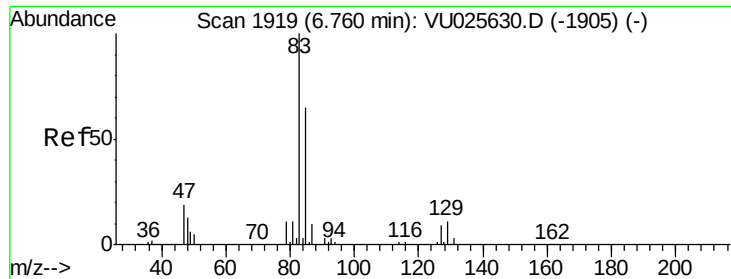


Abundance Ion 93.00 (92.70 to 93.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V





#44

Bromodichloromethane

Concen: 0.620 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

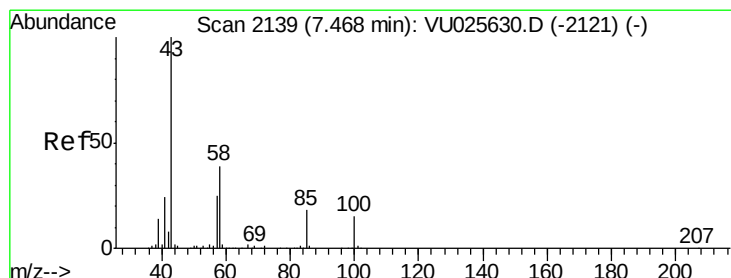
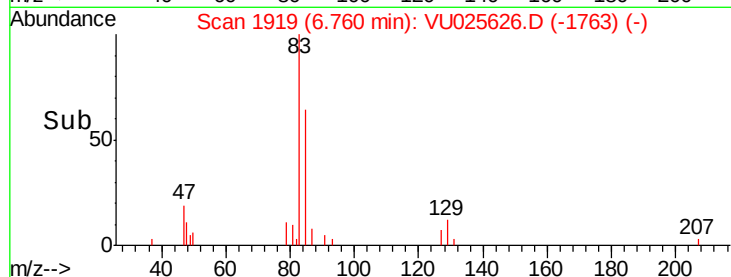
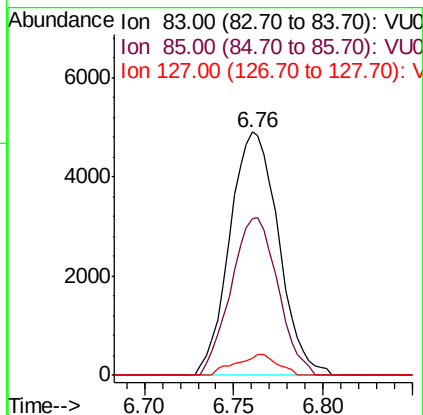
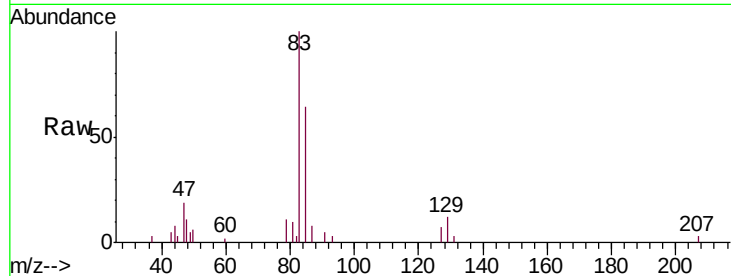
ClientSampleId :

VSTDIC0.5

Tot Ion:	83	Resp:	9323
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.4
127	7.1	7.0	10.4

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#45

4-Methyl-2-Pentanone

Concen: 2.774 ug/l

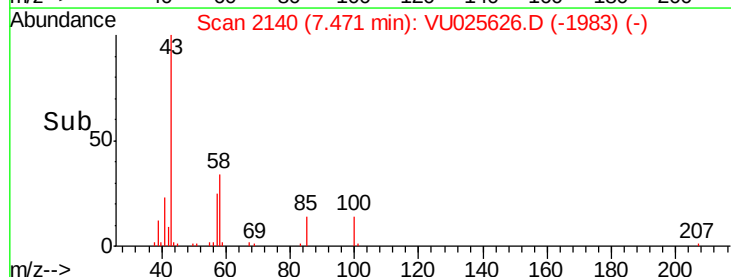
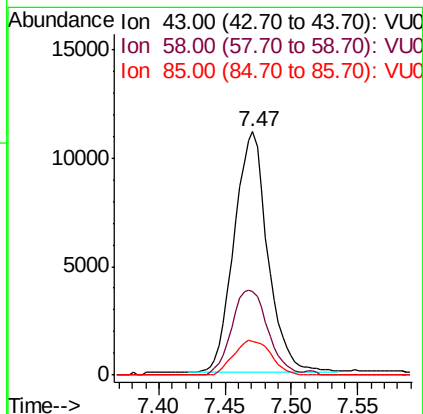
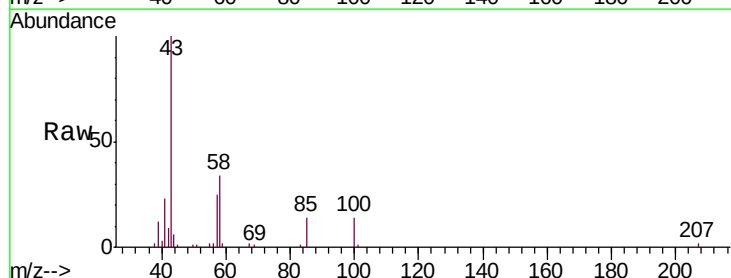
RT: 7.47 min Scan# 2140

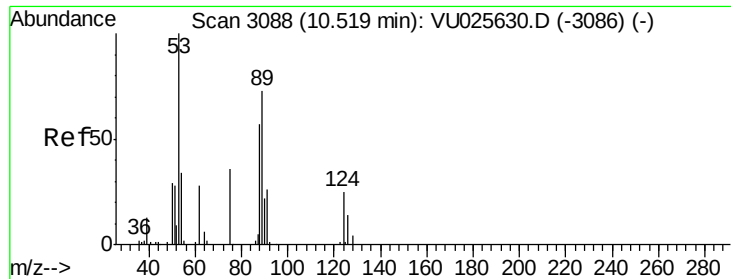
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	43	Resp:	19612
Ion	Ratio	Lower	Upper
43	100		
58	37.8	18.8	56.4
85	16.1	12.6	19.0





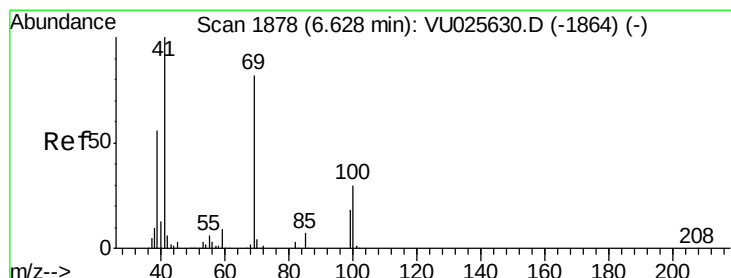
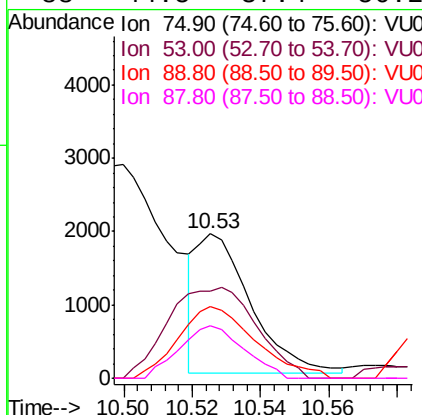
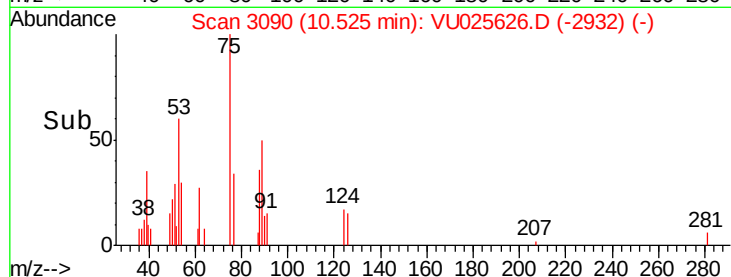
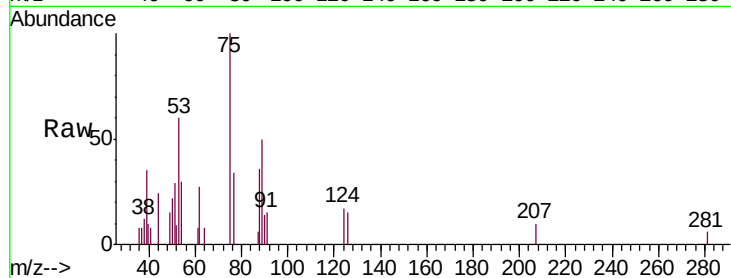
#46
t-1,4-Dichloro-2-butene
Concen: 1.006 ug/l m
RT: 10.53 min Scan# 3090
Delta R.T. 0.01 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

Tot Ion:	75	Resp:	2103
Ion	Ratio	Lower	Upper
75	100		
53	106.3	82.2	123.4
89	73.0	51.3	76.9
88	44.5	37.4	56.2

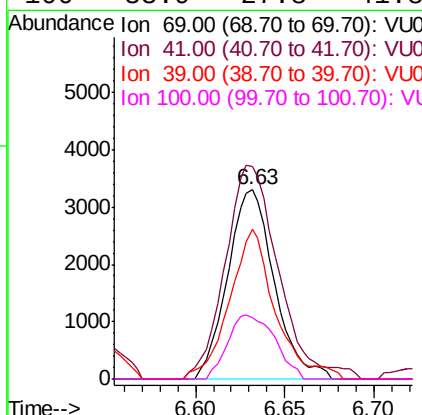
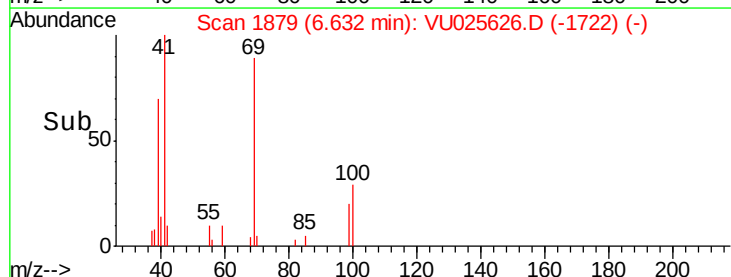
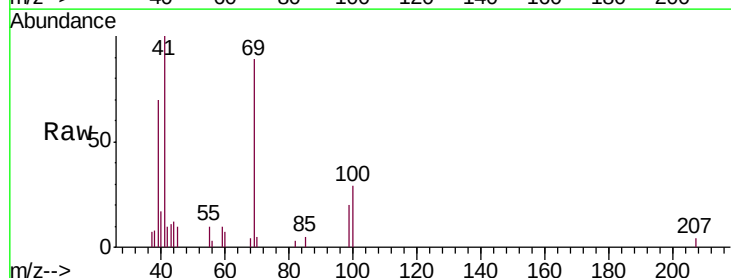
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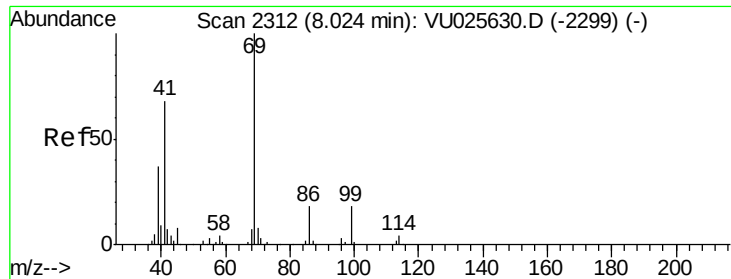
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#47
Methyl methacrylate
Concen: 1.108 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion:	69	Resp:	6005
Ion	Ratio	Lower	Upper
69	100		
41	128.7	0.0	245.4
39	77.4	49.0	73.4#
100	33.9	27.8	41.8





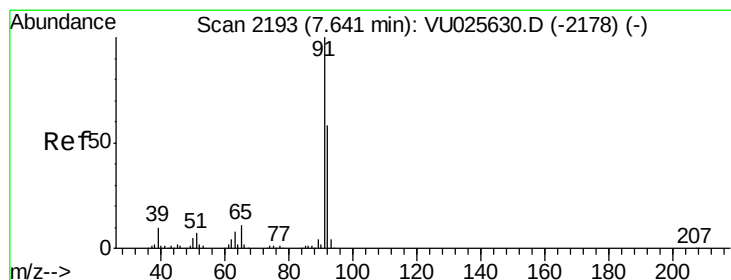
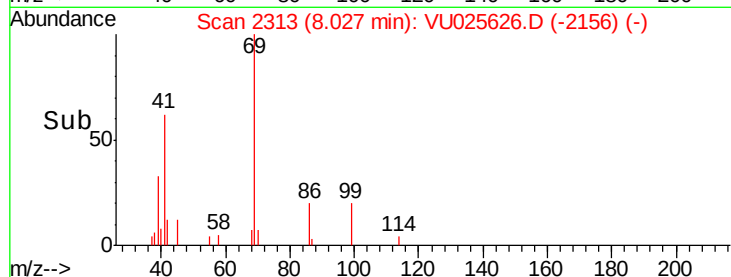
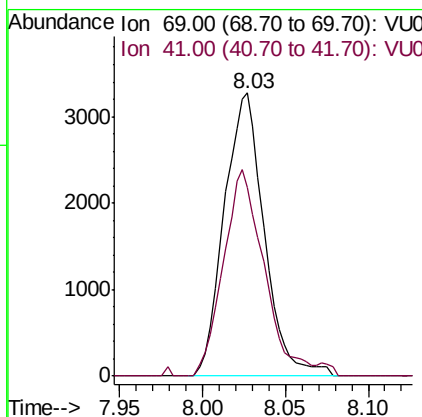
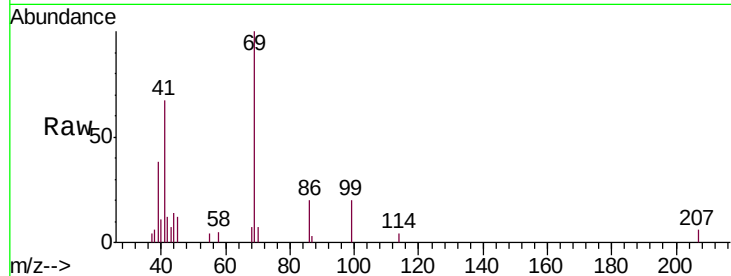
#48
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 8.03 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion: 69 Resp: 5479
Ion Ratio Lower Upper
69 100
41 74.0 34.2 102.5

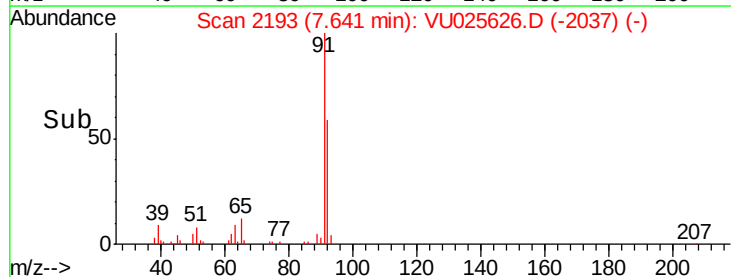
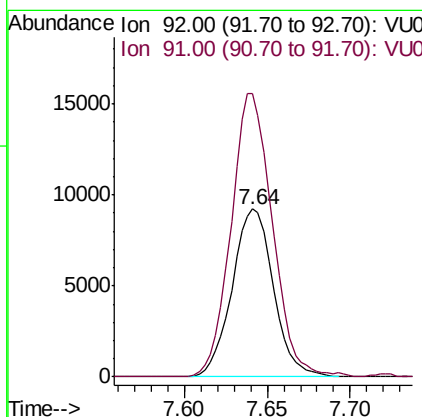
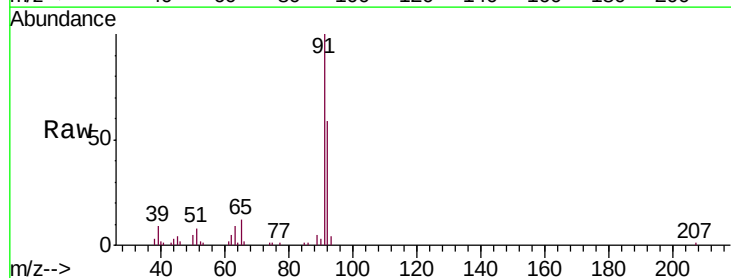
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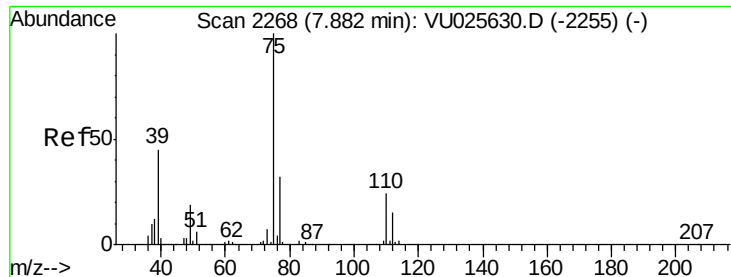
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#49
Toluene
Concen: 0.544 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion: 92 Resp: 15943
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7





#50

t-1,3-Dichloropropene

Concen: 0.624 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 75 Resp: 8006

Ion Ratio Lower Upper

75 100

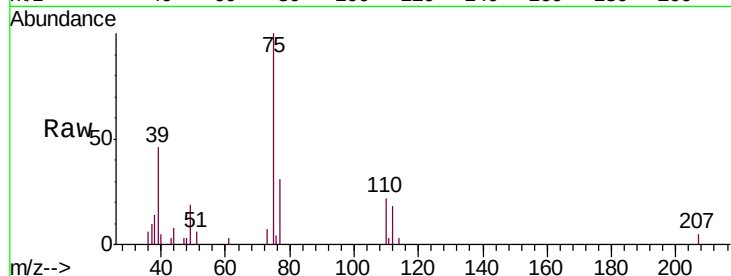
77 31.1 25.2 37.8

Manual Integrations

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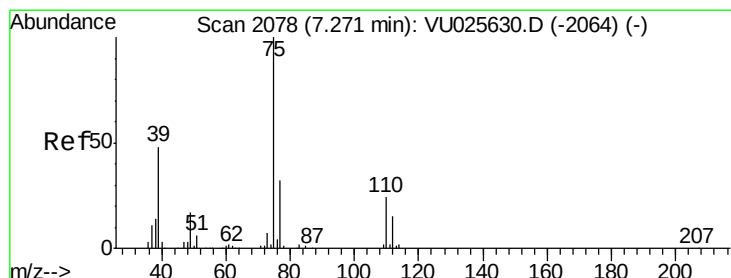
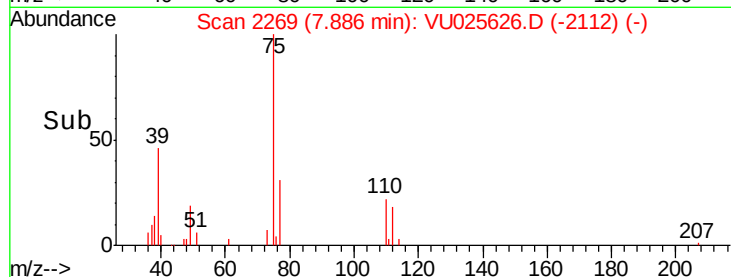
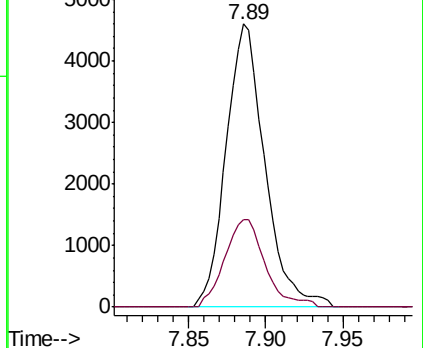
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Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#51

cis-1,3-Dichloropropene

Concen: 0.569 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

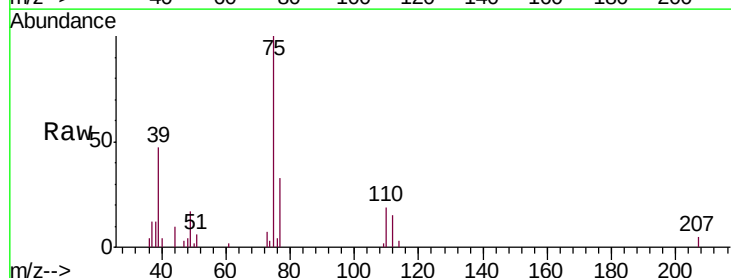
Tgt Ion: 75 Resp: 9502

Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8

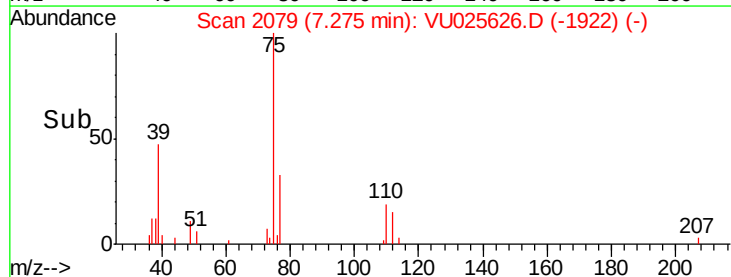
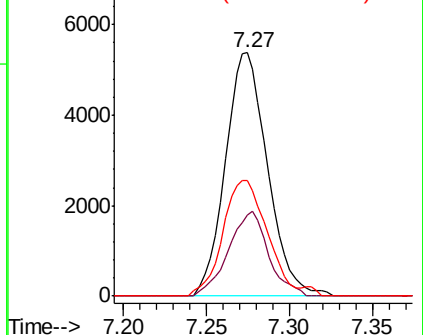
39 47.4 36.4 54.6

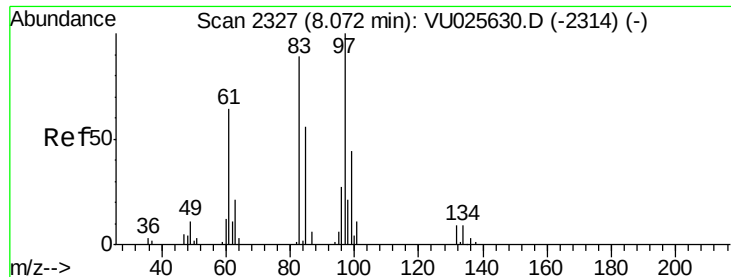


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





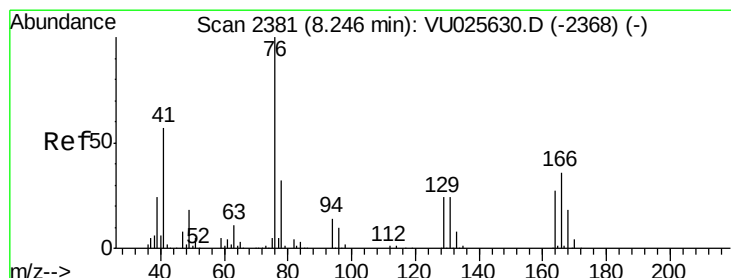
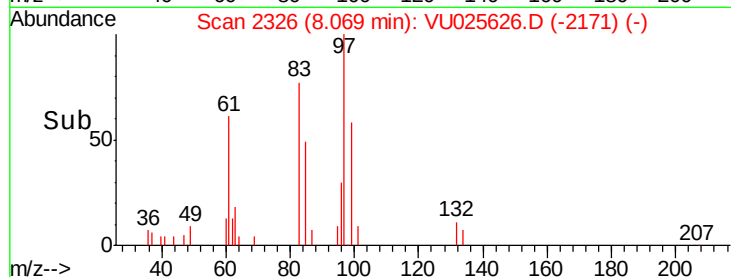
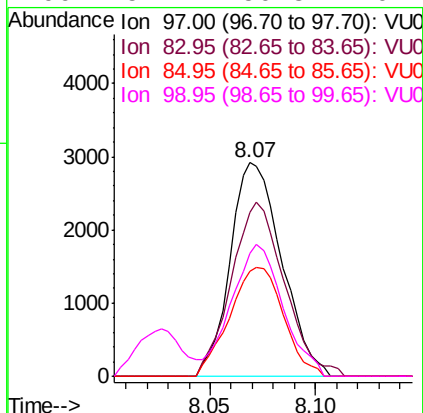
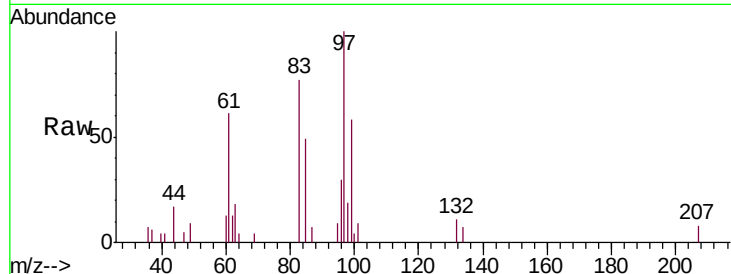
#52
 1,1,2-Trichloroethane
 Concen: 0.582 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	97	Resp:	4953
Ion	Ratio	Lower	Upper
97	100		
83	76.5	72.6	109.0
85	49.2	47.2	70.8
99	57.7	50.8	76.2

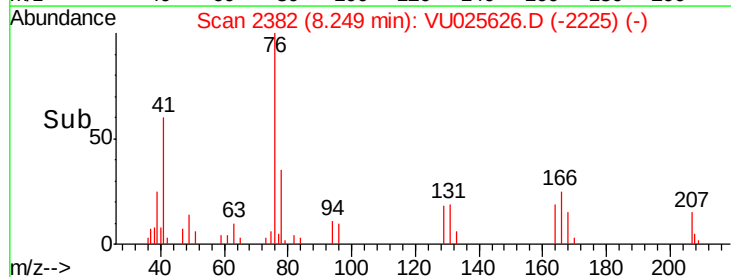
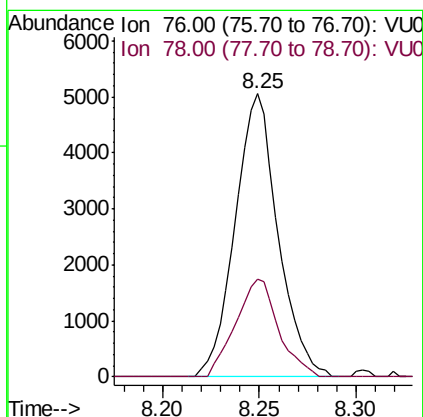
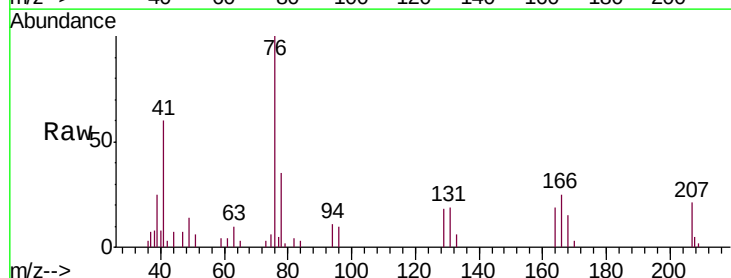
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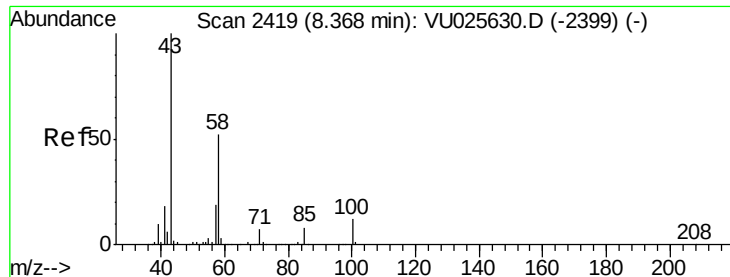
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#53
 1,3-Dichloropropane
 Concen: 0.515 ug/l
 RT: 8.25 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion:	76	Resp:	7795
Ion	Ratio	Lower	Upper
76	100		
78	34.5	25.7	38.5





#54

2-Hexanone

Concen: 2.952 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

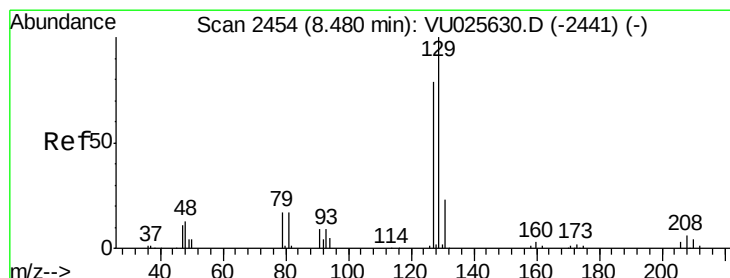
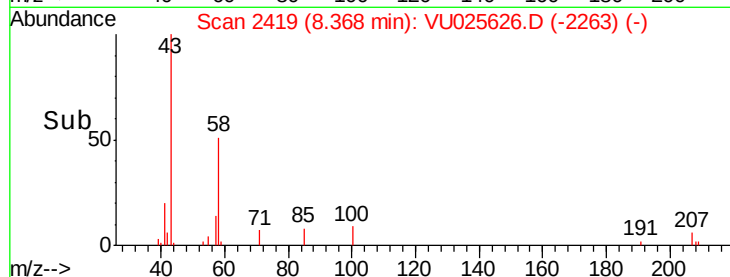
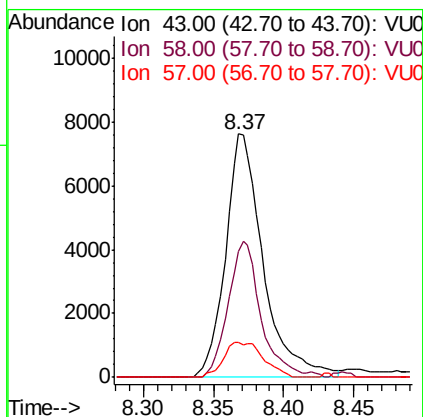
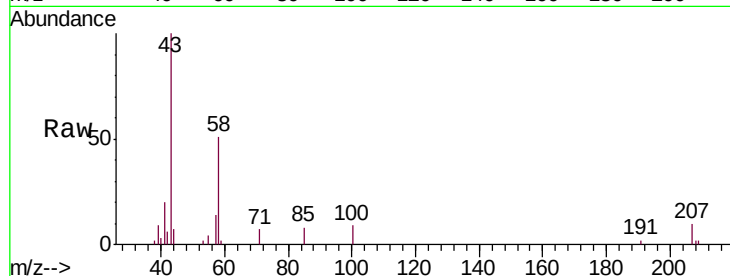
ClientSampled :

VSTDIC0.5

Tot Ion:	43	Resp:	14219
Ion	Ratio	Lower	Upper
43	100		
58	48.2	32.5	72.5
57	15.2	0.0	37.9

Manual Integrations
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#55

Dibromochloromethane

Concen: 0.637 ug/l

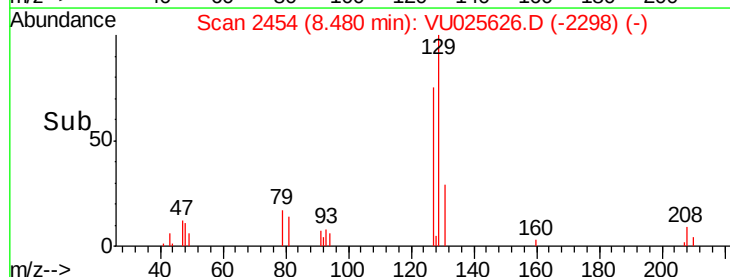
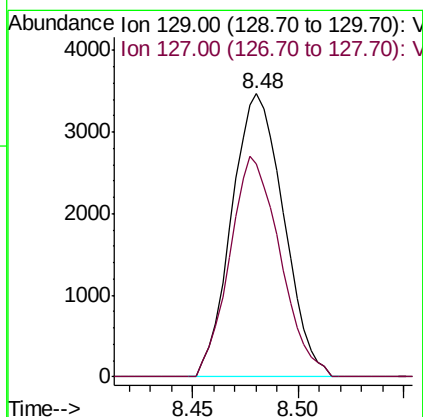
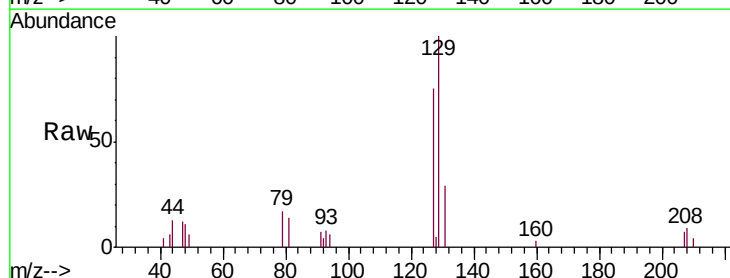
RT: 8.48 min Scan# 2454

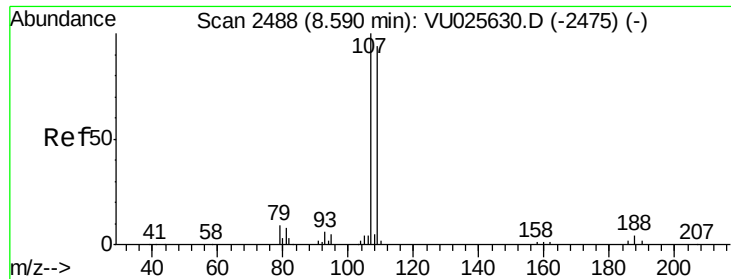
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	129	Resp:	5942
Ion	Ratio	Lower	Upper
129	100		
127	75.6	61.1	91.7





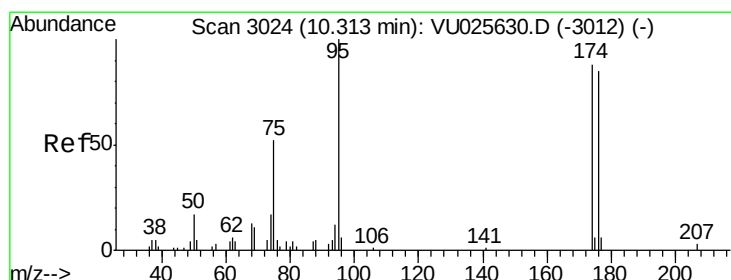
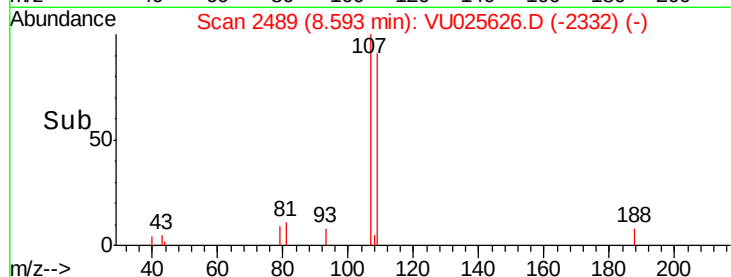
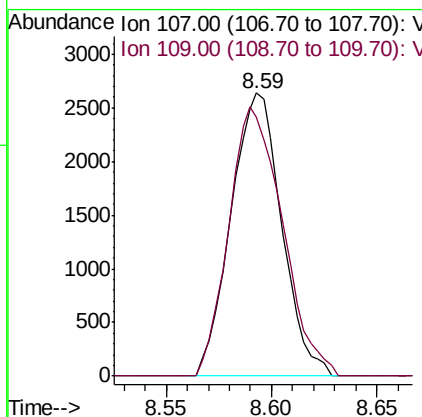
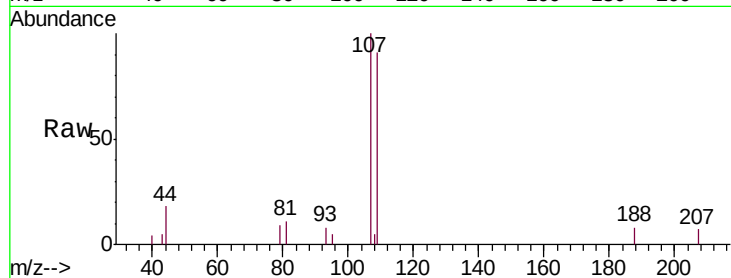
#56
 1,2-Dibromoethane
 Concen: 0.599 ug/l
 RT: 8.59 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
107	100		
109	101.0	0.0	189.0

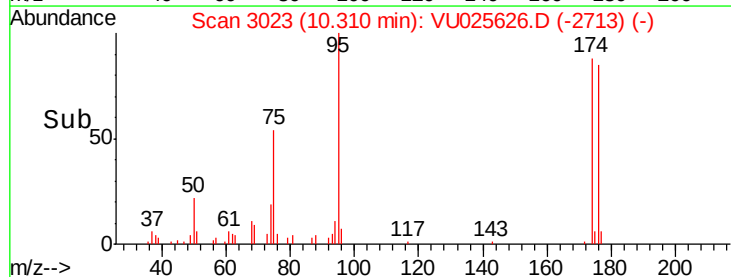
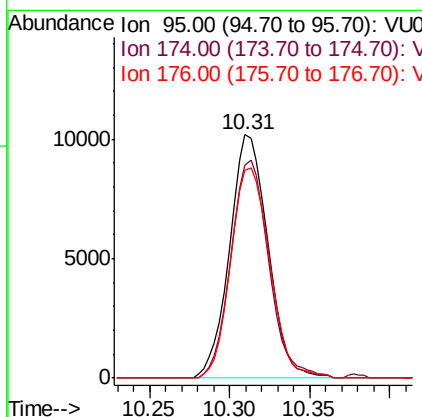
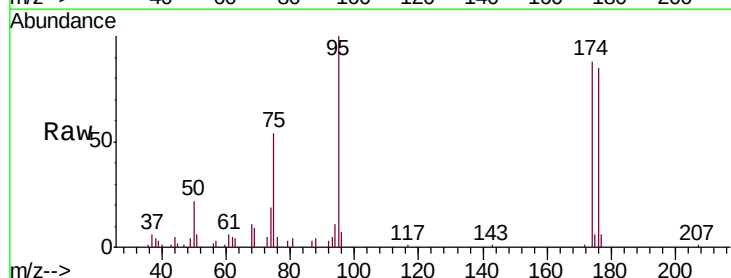
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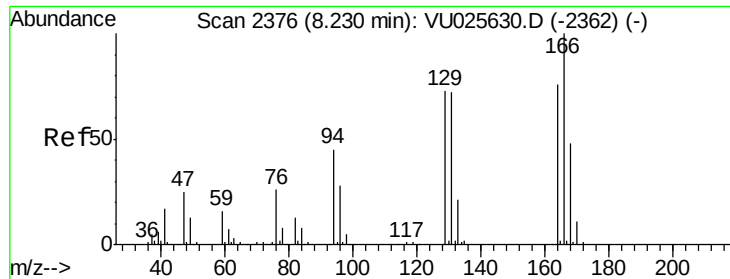
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#57
 4-Bromofluorobenzene
 Concen: 0.599 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	65.6	98.4
176	88.0	62.0	93.0





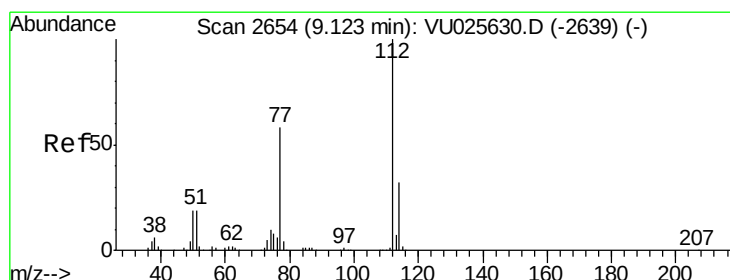
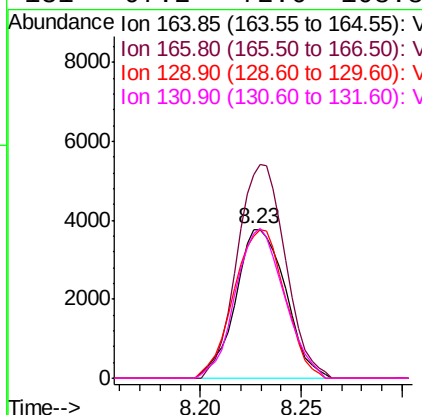
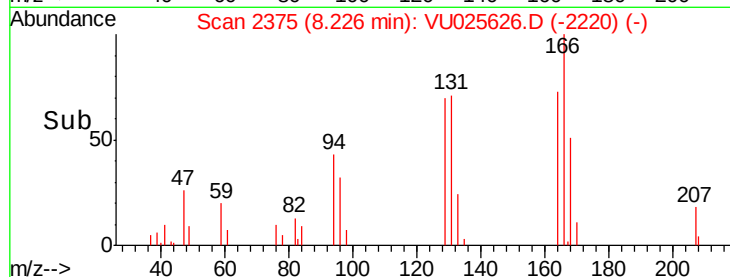
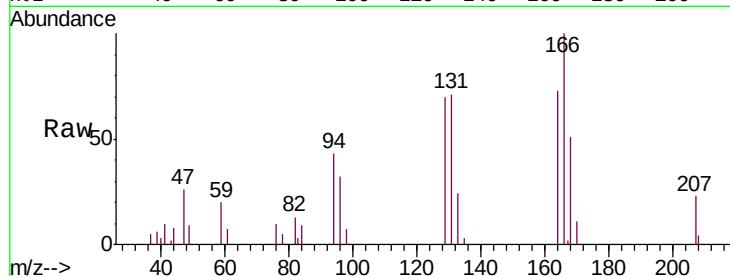
#58
Tetrachloroethene
 Concen: 0.528 ug/l
 RT: 8.23 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:	164	Resp:	6557
Ion	Ratio	Lower	Upper
164	100		
166	136.3	104.1	156.1
129	95.5	76.8	115.2
131	97.2	72.6	108.8

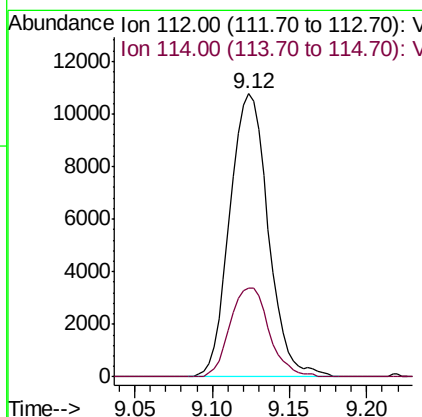
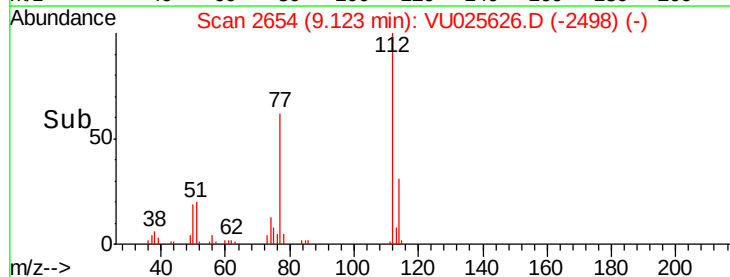
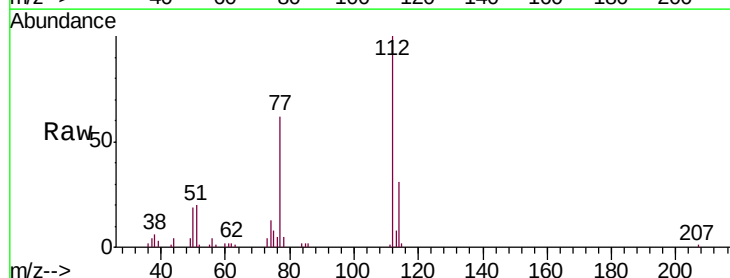
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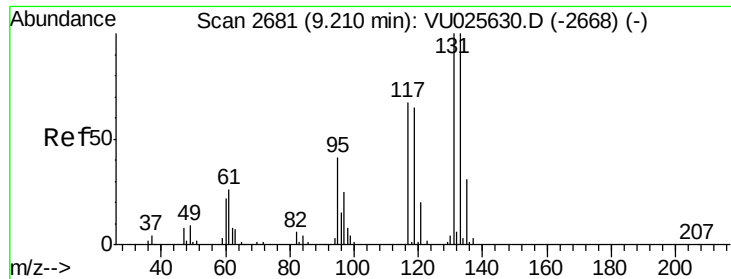
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#59
Chlorobenzene
 Concen: 0.594 ug/l
 RT: 9.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion:	112	Resp:	18625
Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.4	38.2





#60

1,1,1,2-Tetrachloroethane

Concen: 0.669 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

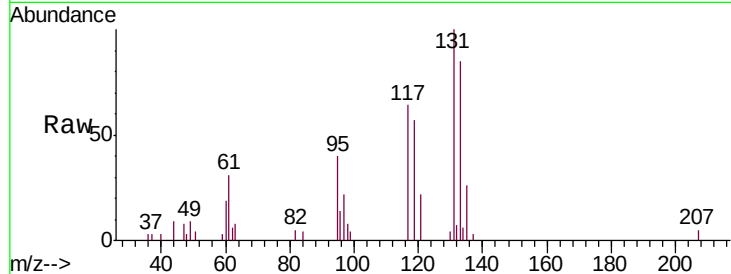
ClientSampleId :

VSTDIC0.5

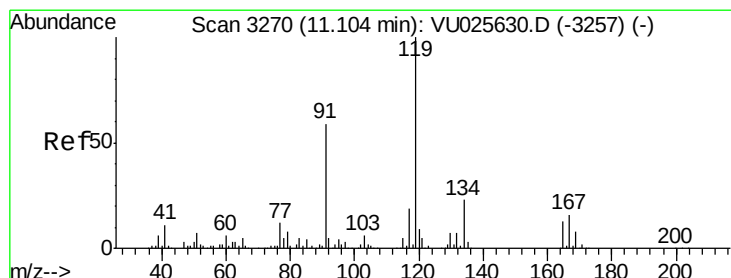
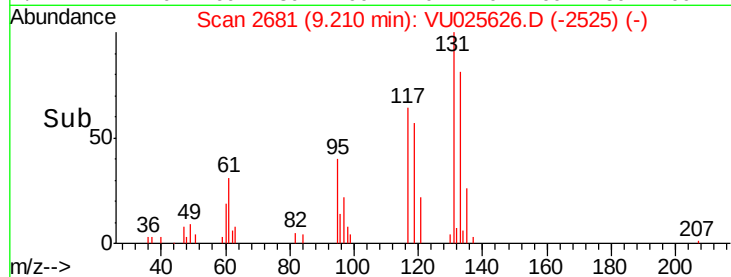
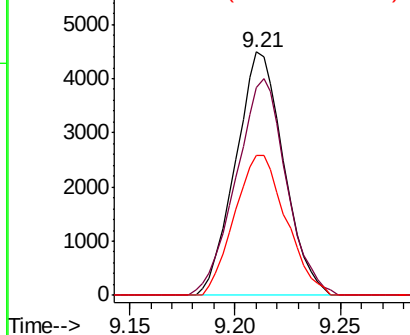
Tot Ion:	131	Resp:	7124
Ion	Ratio	Lower	Upper
131	100		
133	92.9	75.8	113.8
119	61.5	53.0	79.6

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#61

Pentachloroethane

Concen: 0.688 ug/l

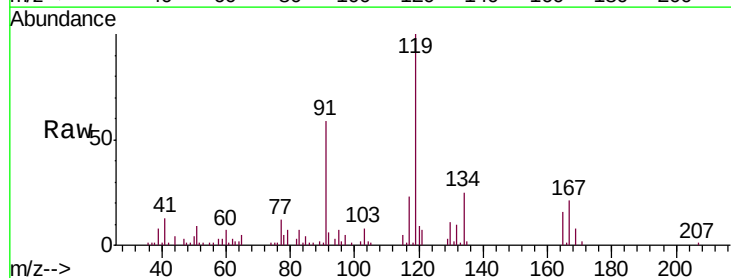
RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

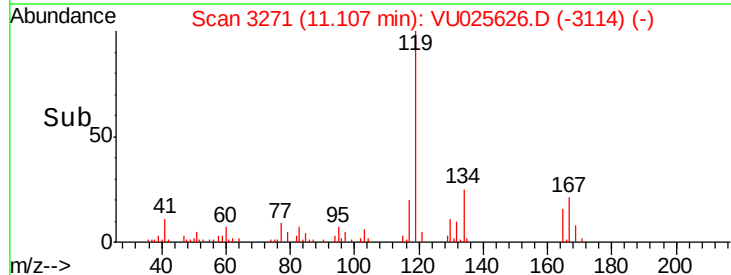
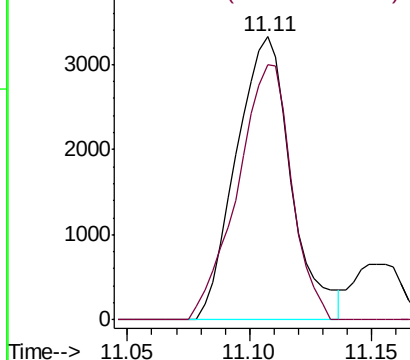
Lab File: VU025626.D

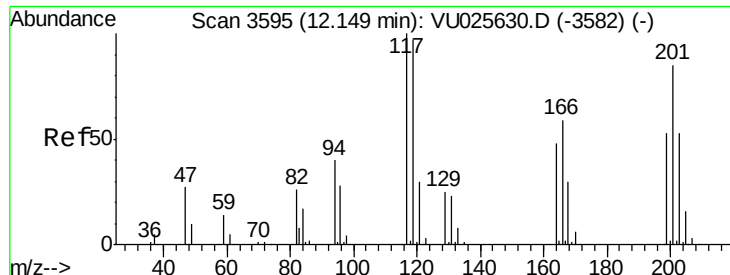
Acq: 25 Jul 2018 09:49

Tgt Ion:	117	Resp:	5201
Ion	Ratio	Lower	Upper
117	100		
167	88.4	69.2	103.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 0.704 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:117 Resp: 5105

Ion Ratio Lower Upper

117 100

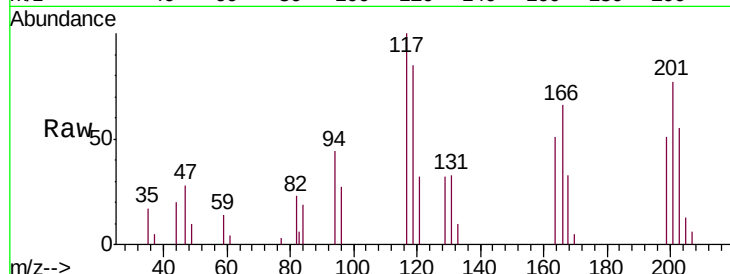
201 82.4 68.7 103.1

Manual Integrations

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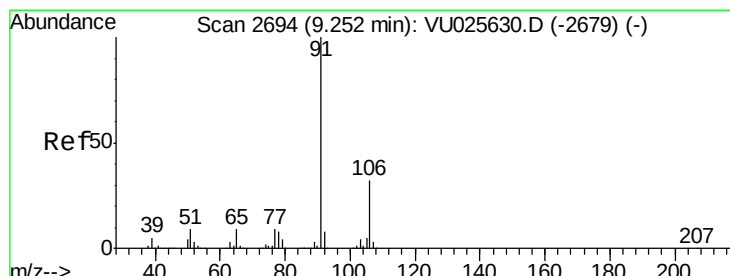
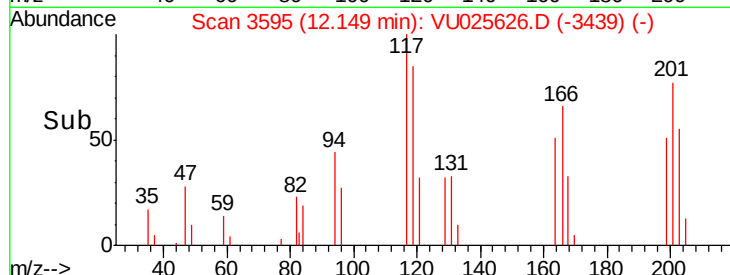
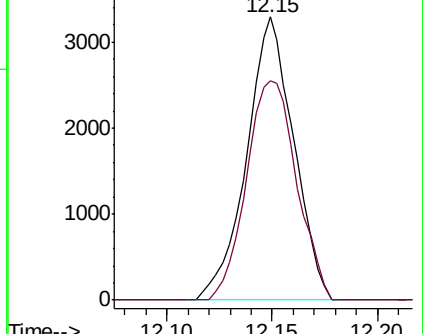
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 0.553 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025626.D

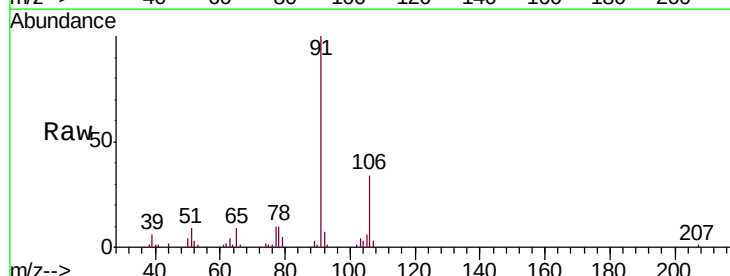
Acq: 25 Jul 2018 09:49

Tgt Ion: 91 Resp: 28815

Ion Ratio Lower Upper

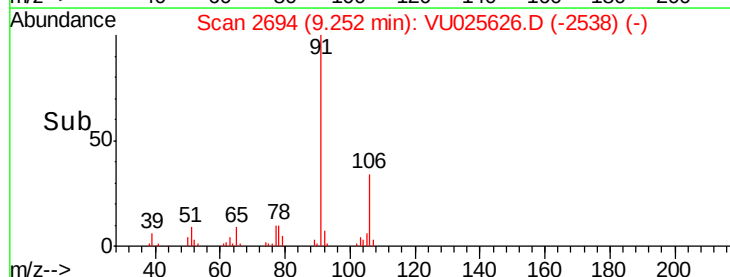
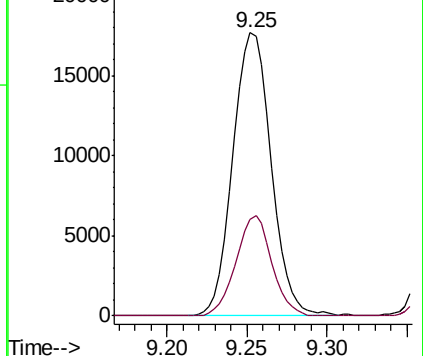
91 100

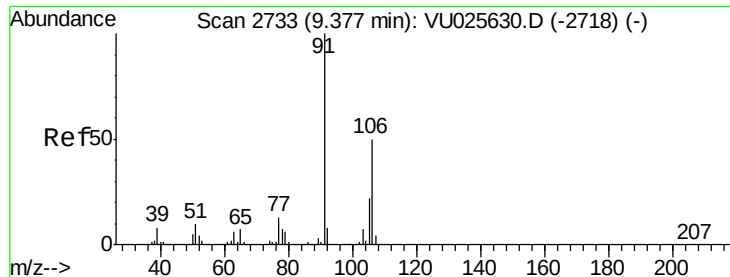
106 34.2 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 1.139 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:106 Resp: 22903

Ion Ratio Lower Upper

106 100

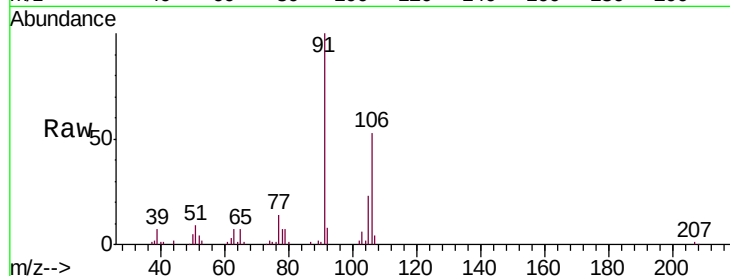
91 203.7 164.1 246.1

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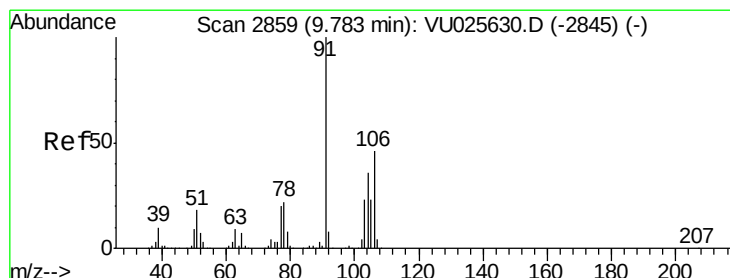
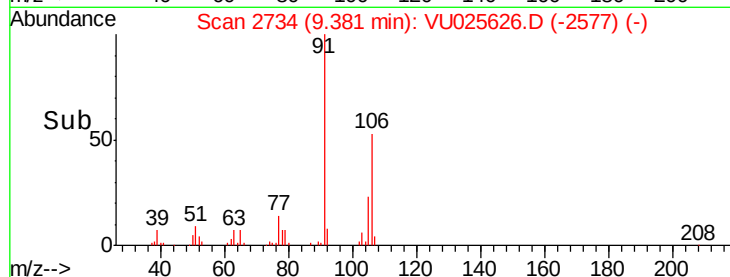
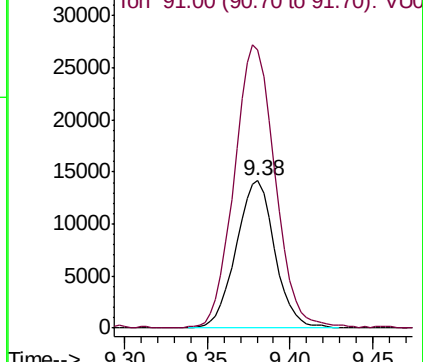
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 0.561 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025626.D

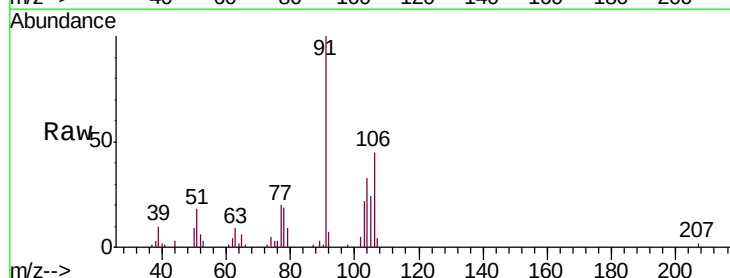
Acq: 25 Jul 2018 09:49

Tgt Ion:106 Resp: 10858

Ion Ratio Lower Upper

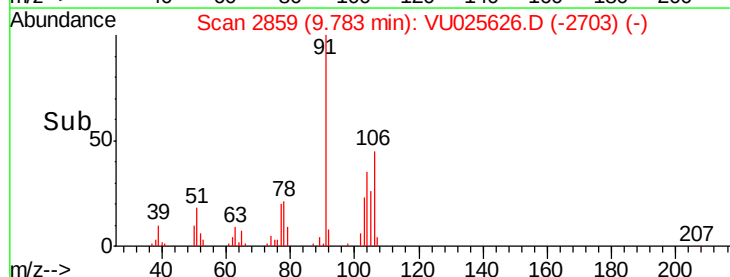
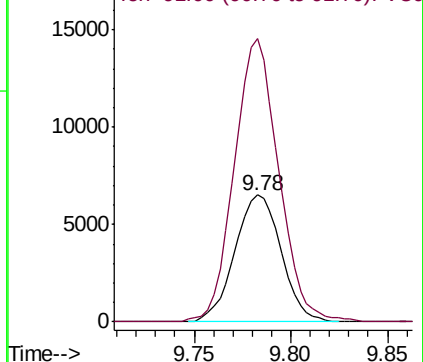
106 100

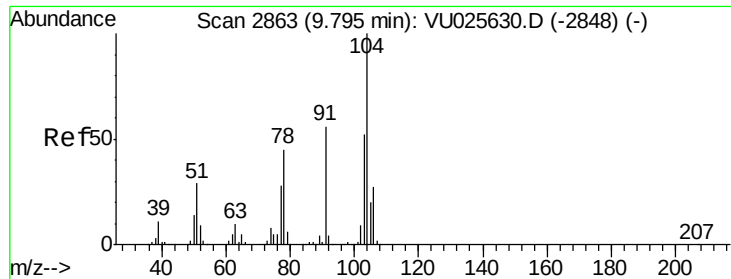
91 214.1 107.9 323.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





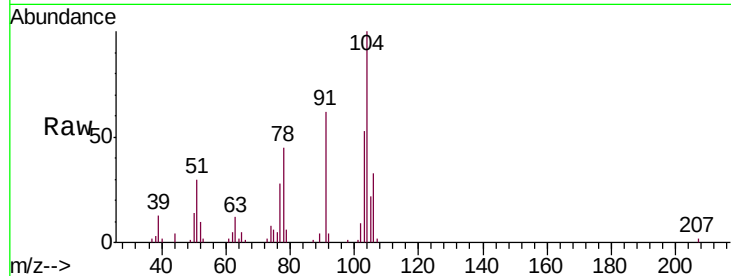
#66
Stvrene
Concen: 0.559 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.2	60.2
103	54.9	44.2	66.4

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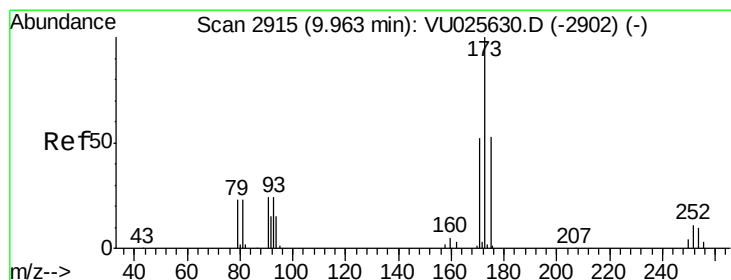
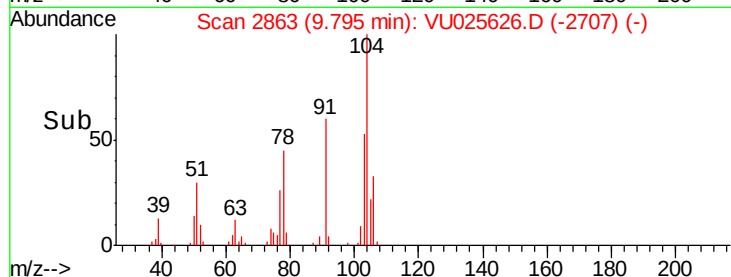
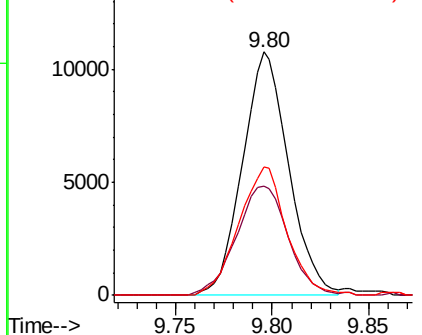


Abundance

Ion 104.00 (103.70 to 104.70): V

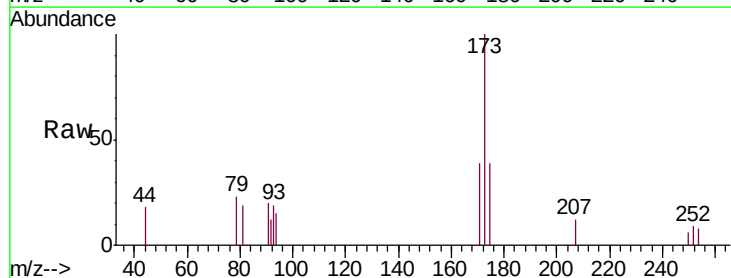
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#67
Bromoform
Concen: 0.772 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	38.4	38.6	57.8#
254	6.4	8.8	13.2#

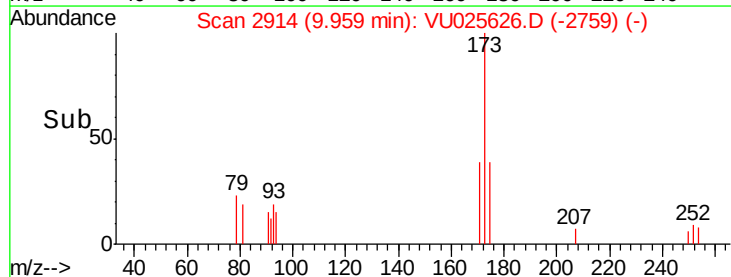
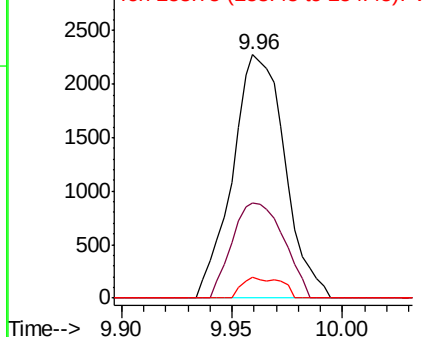


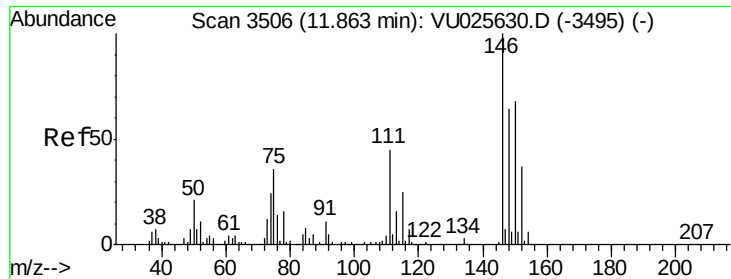
Abundance

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: 0.772 ug/l

RT: 11.86 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

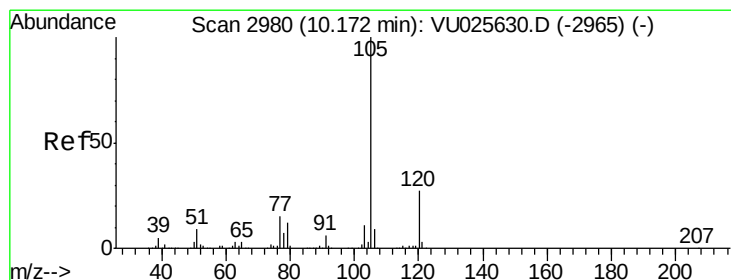
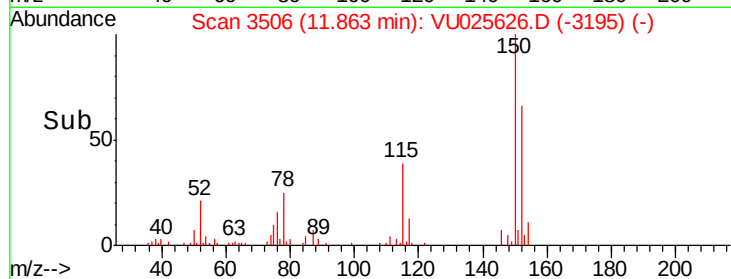
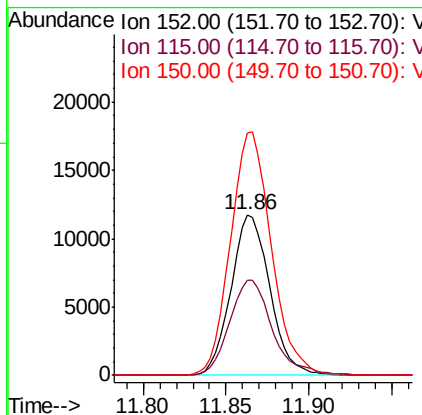
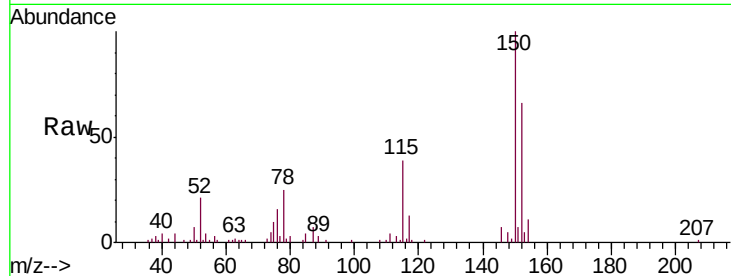
ClientSampleId :

VSTDIC0.5

Tot Ion	Ratio	Resp	Lower	Upper
152	100	19187		
115	64.9	0.0	118.8	
150	159.3	0.0	0.0#	

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#69

Isopropylbenzene

Concen: 0.597 ug/l

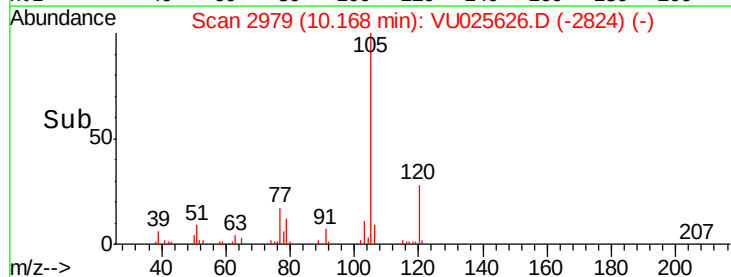
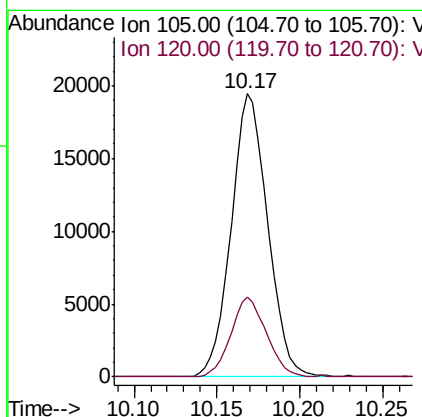
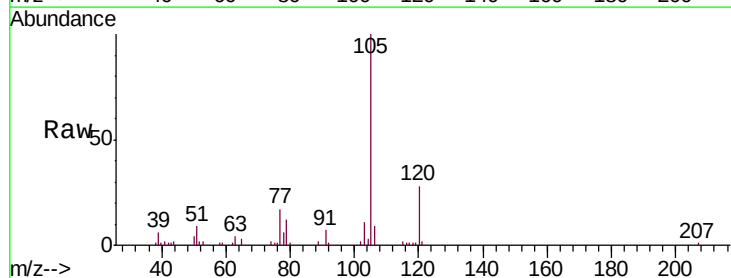
RT: 10.17 min Scan# 2979

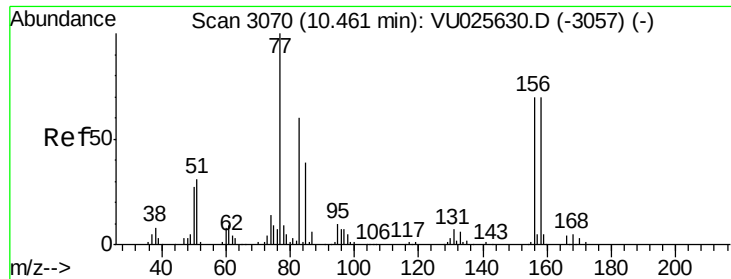
Delta R.T. -0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	29758		
120	27.3	13.1	39.3	





#70

1,1,2,2-Tetrachloroethane

Concen: 0.659 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampled :

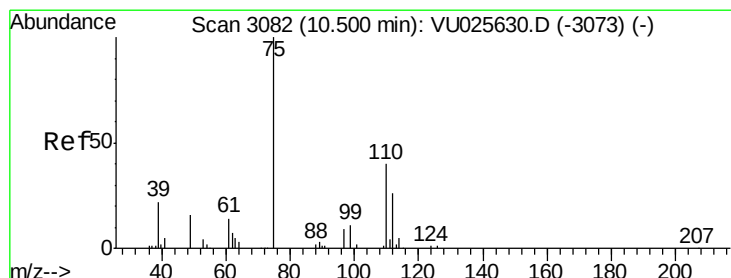
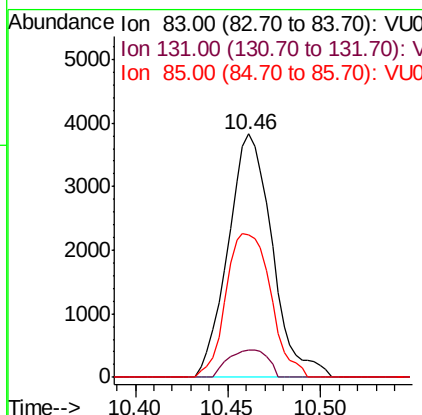
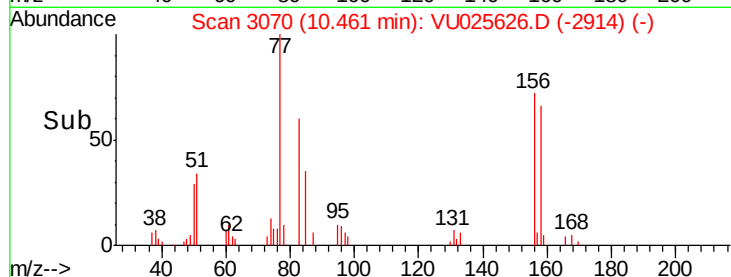
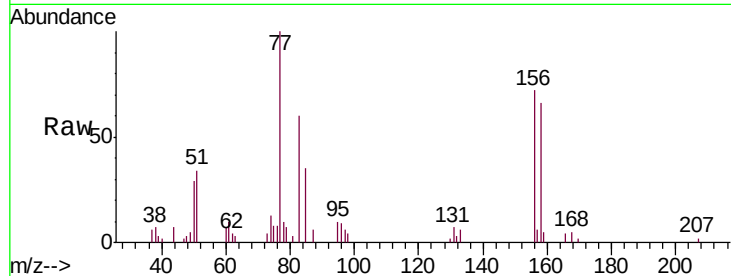
VSTDIC0.5

Tot Ion:	83	Resp:	6324
Ion	Ratio	Lower	Upper
83	100		
131	10.1	7.9	11.9
85	60.0	51.8	77.6

Manual Integrations
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#71

1,2,3-Trichloropropane

Concen: 0.727 ug/l m

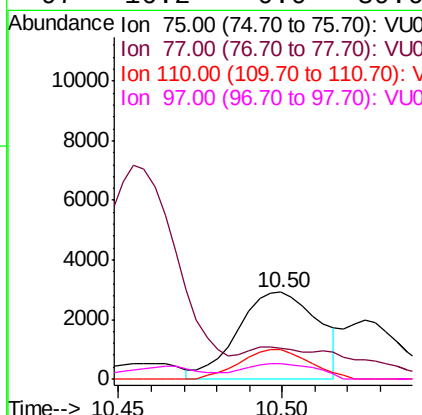
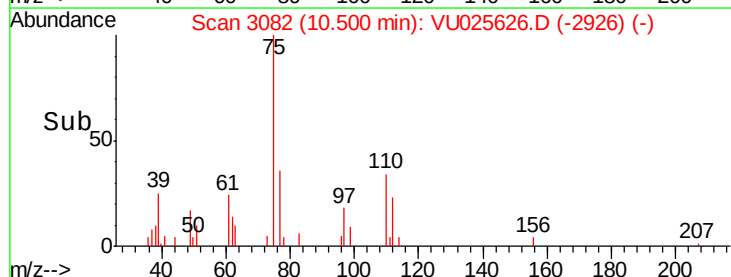
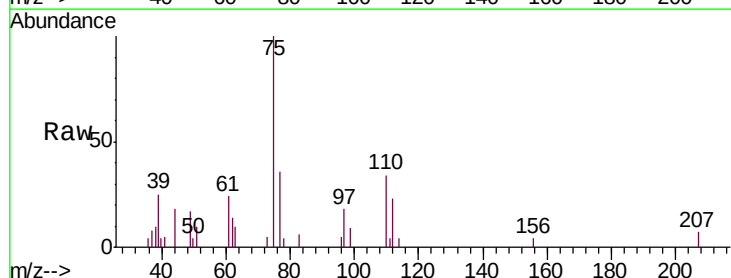
RT: 10.50 min Scan# 3082

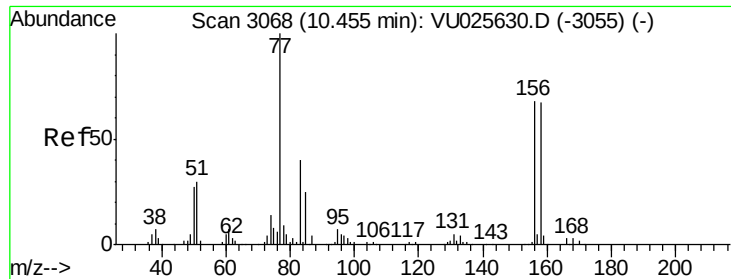
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	75	Resp:	4992
Ion	Ratio	Lower	Upper
75	100		
77	52.3	0.0	0.0#
110	29.4	0.0	74.0
97	16.2	0.0	39.6





#72

Bromobenzene

Concen: 0.651 ug/l

RT: 10.46 min Scan# 3069

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

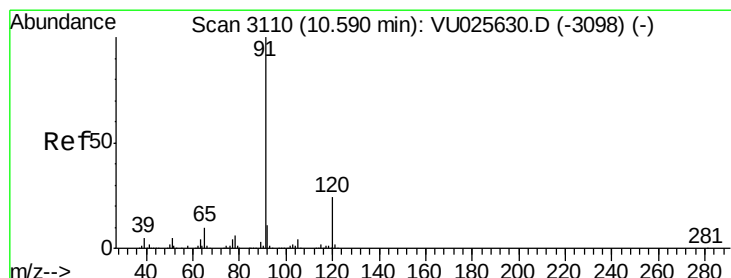
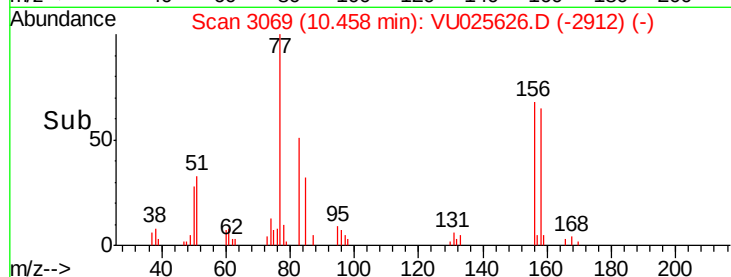
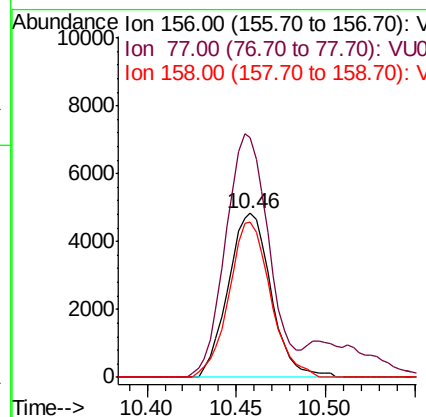
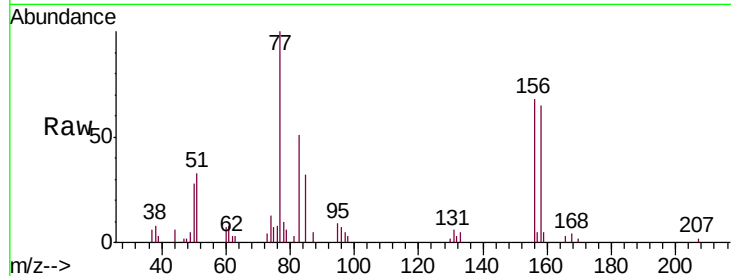
ClientSampleId :

VSTDIC0.5

Tot Ion:	156	Resp:	8075
Ion Ratio	Lower	Upper	
156	100		
77	149.7	0.0	309.8
158	92.0	0.0	193.0

Manual Integrations
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#73

n-propylbenzene

Concen: 0.584 ug/l

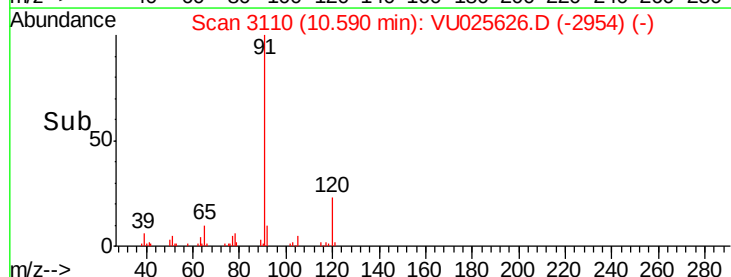
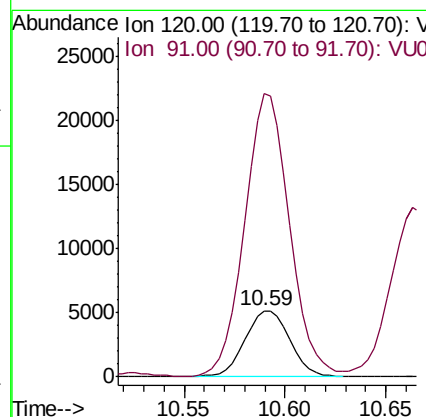
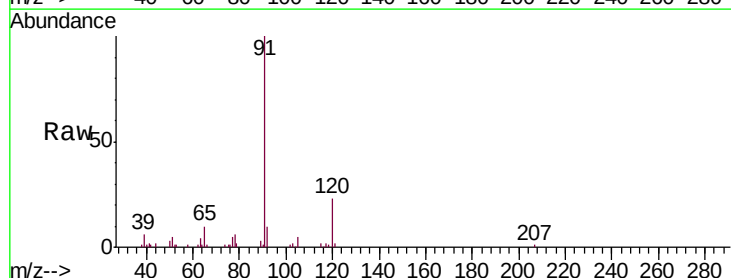
RT: 10.59 min Scan# 3110

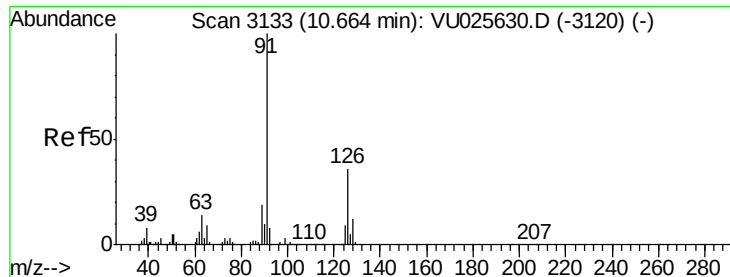
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	120	Resp:	8055
Ion Ratio	Lower	Upper	
120	100		
91	428.1	352.2	528.4





#74

2-Chlorotoluene

Concen: 0.595 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:126 Resp: 7250

Ion Ratio Lower Upper

126 100

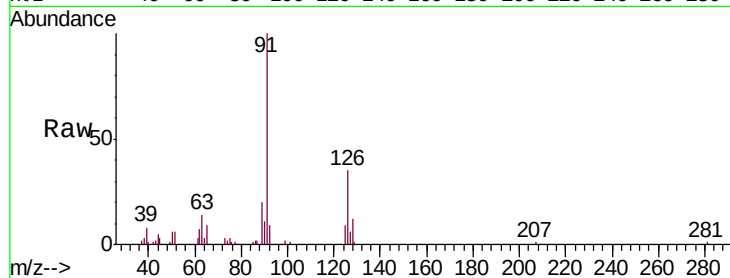
91 296.7 0.0 613.0

Manual Integrations

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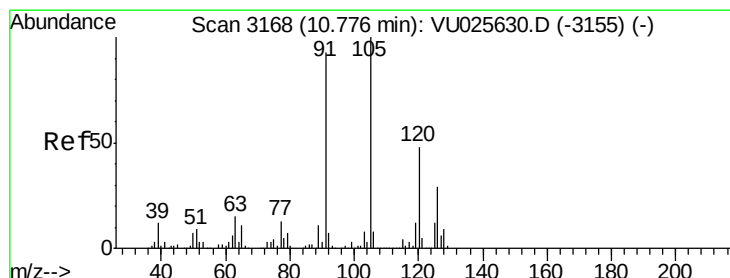
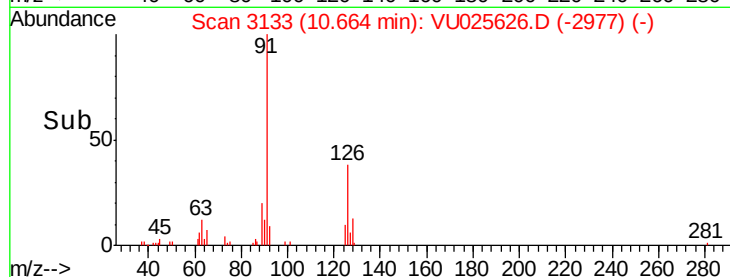
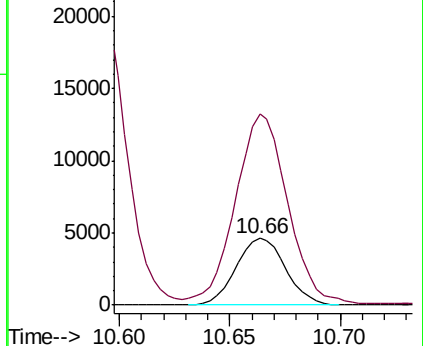
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Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 0.582 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025626.D

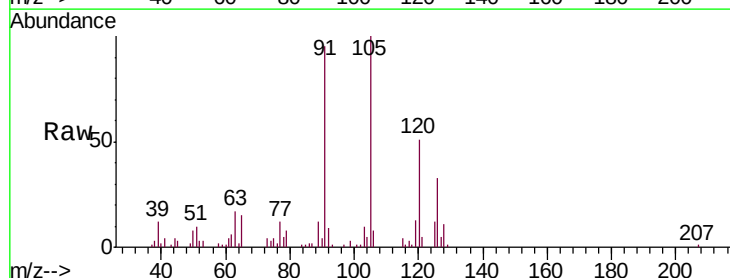
Acq: 25 Jul 2018 09:49

Tgt Ion:105 Resp: 24428

Ion Ratio Lower Upper

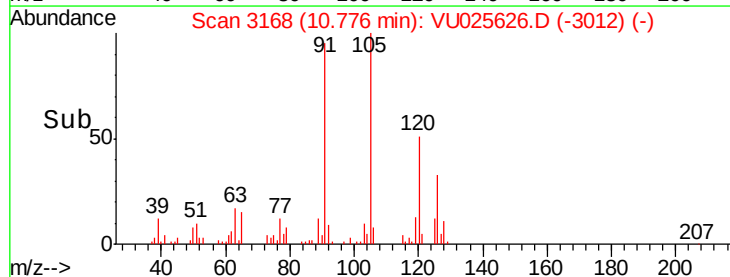
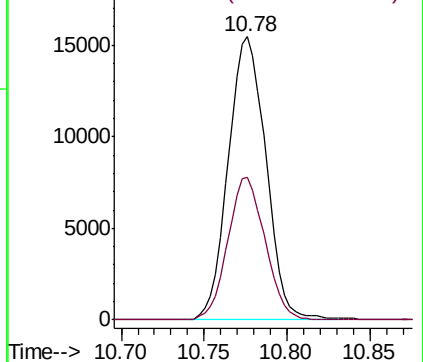
105 100

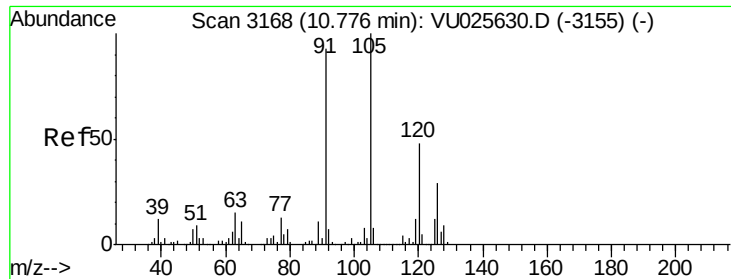
120 49.7 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

4-Chlorotoluene

Concen: 0.619 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:126 Resp: 7815

Ion Ratio Lower Upper

126 100

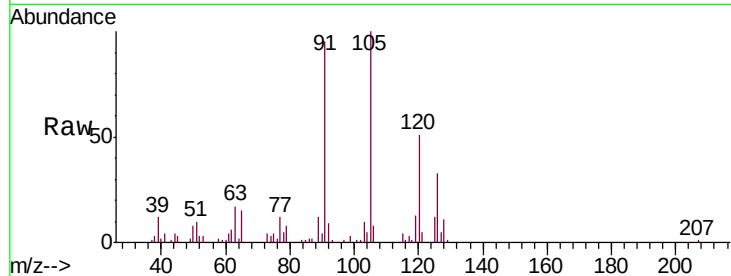
91 291.3 0.0 667.2

Manual Integrations

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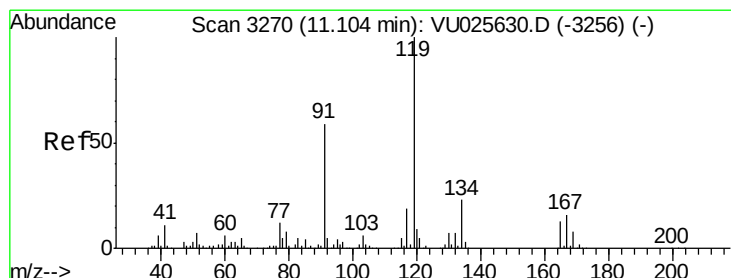
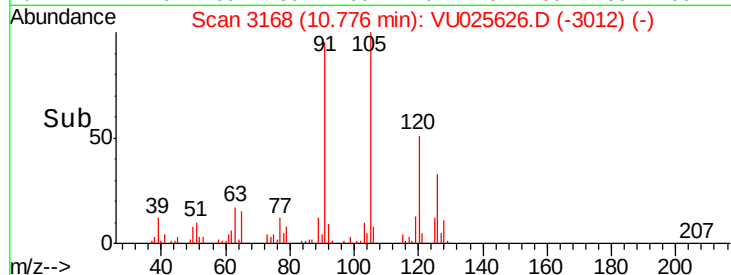
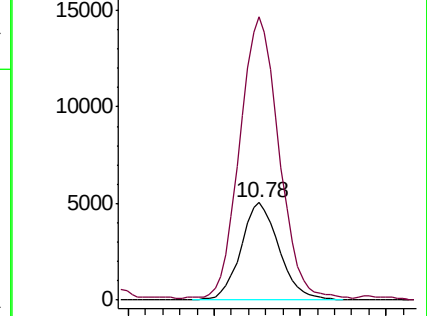
apatel

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Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#77

tert-Butylbenzene

Concen: 0.643 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

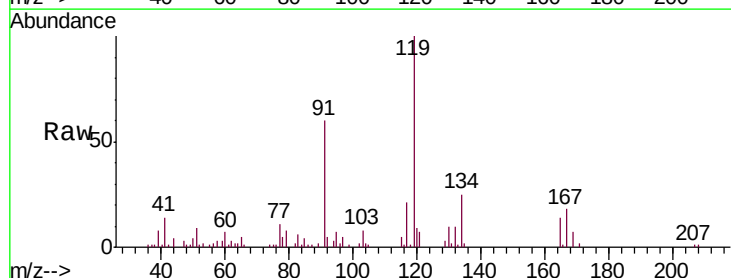
Tgt Ion:119 Resp: 25290

Ion Ratio Lower Upper

119 100

91 58.4 29.6 88.8

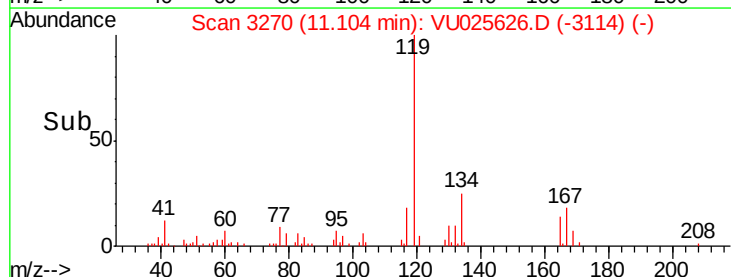
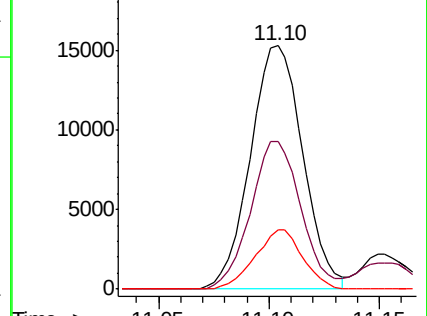
134 22.1 19.1 28.7

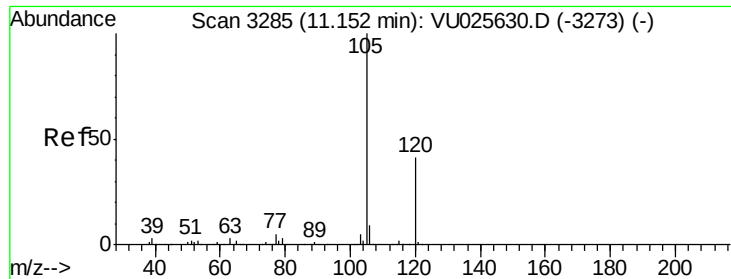


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V





#78

1,2,4-Trimethylbenzene

Concen: 0.600 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:105 Resp: 25461

Ion Ratio Lower Upper

105 100

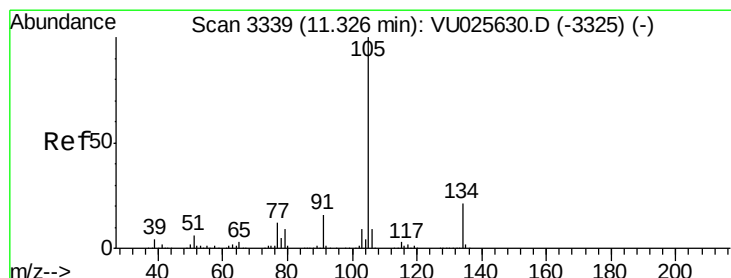
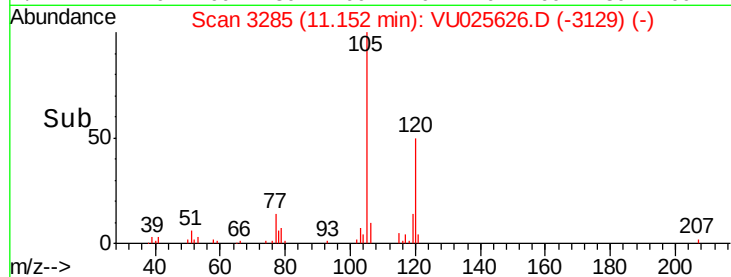
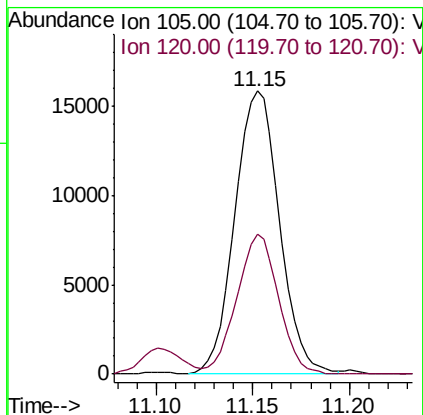
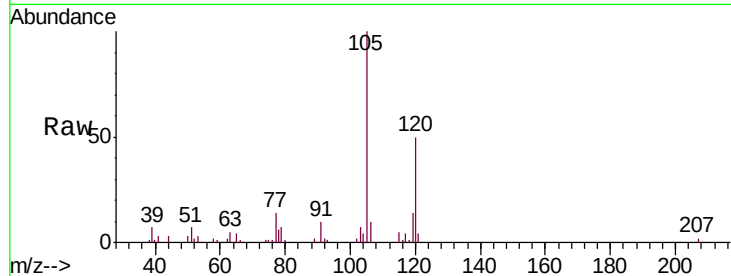
120 45.9 23.1 69.3

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#79

sec-Butylbenzene

Concen: 0.580 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025626.D

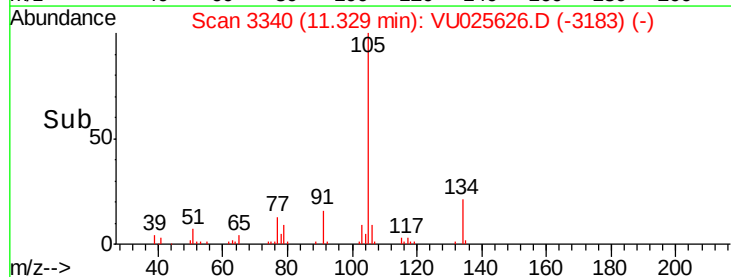
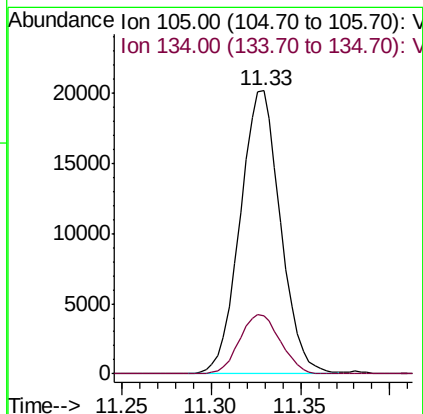
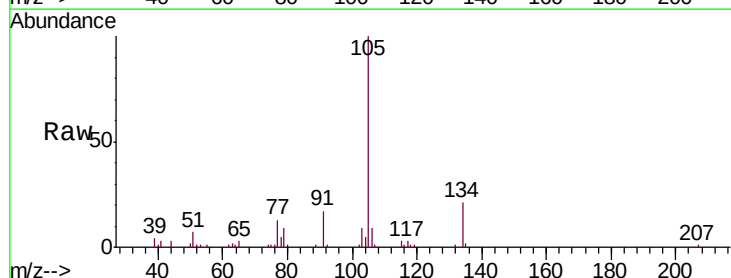
Acq: 25 Jul 2018 09:49

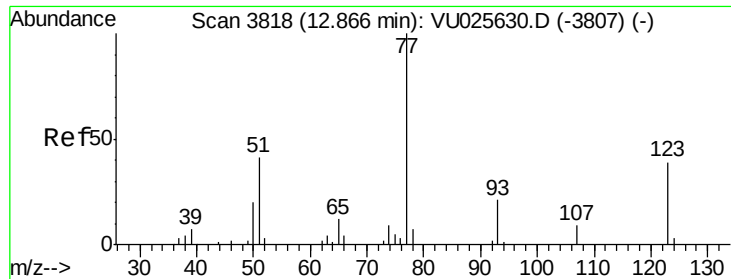
Tgt Ion:105 Resp: 31965

Ion Ratio Lower Upper

105 100

134 21.2 15.6 23.4





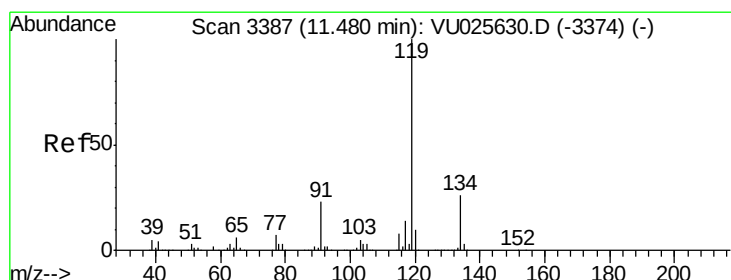
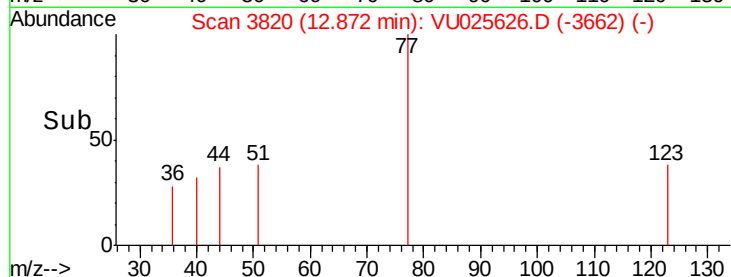
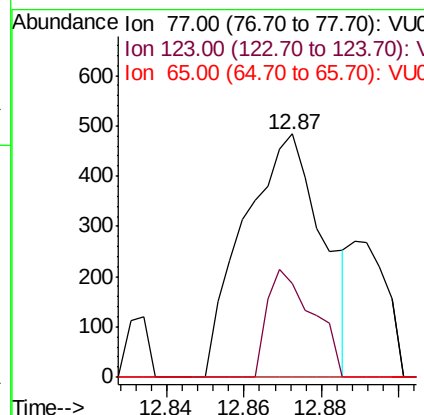
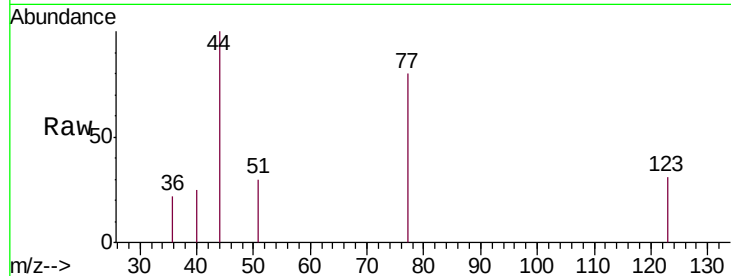
#80
 Nitrobenzene
 Concen: 2.062 ug/l
 RT: 12.87 min Scan# 3820
 Delta R.T. 0.01 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
77	100		
123	25.8	19.4	68.6
65	0.0	11.2	14.2#

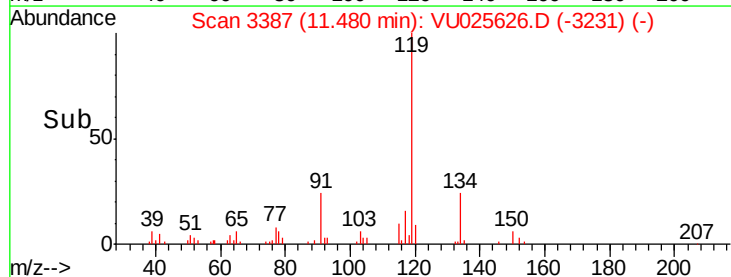
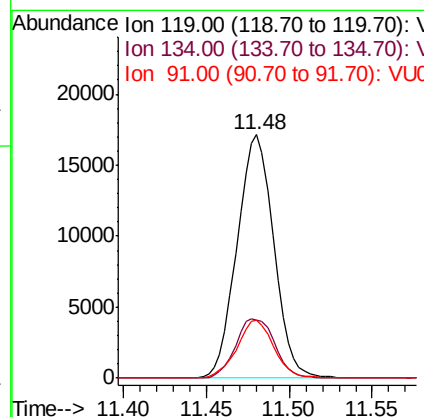
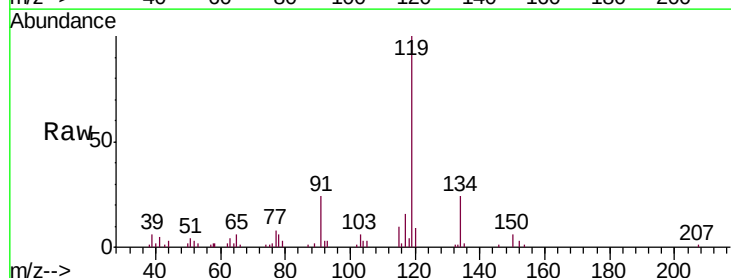
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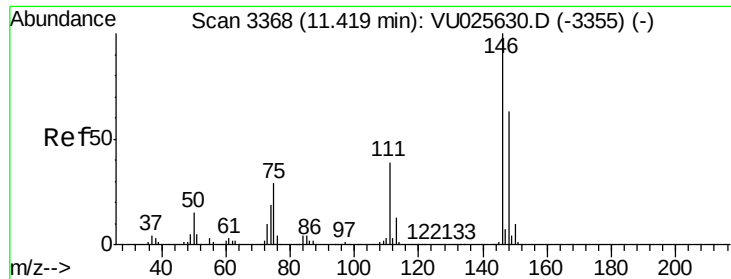
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#81
 p-Isopropyltoluene
 Concen: 0.583 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.9	31.3
91	23.8	18.2	27.2





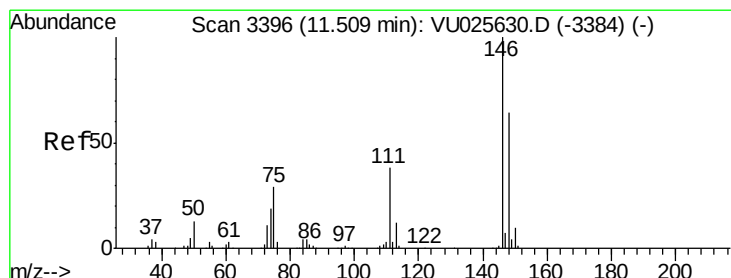
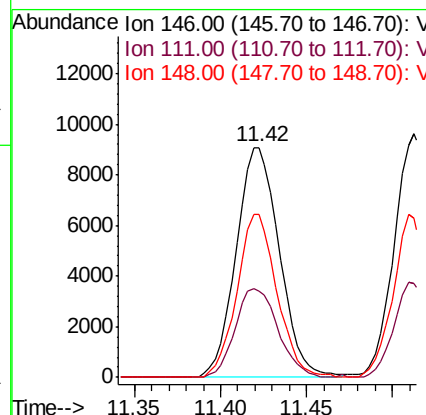
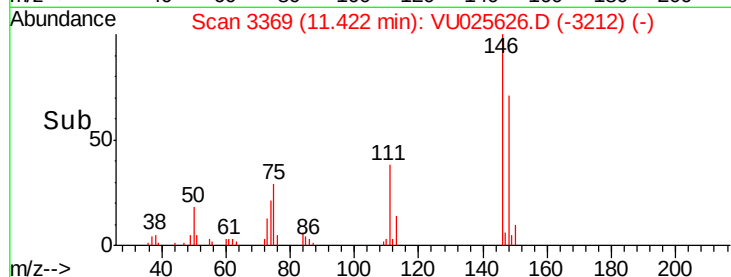
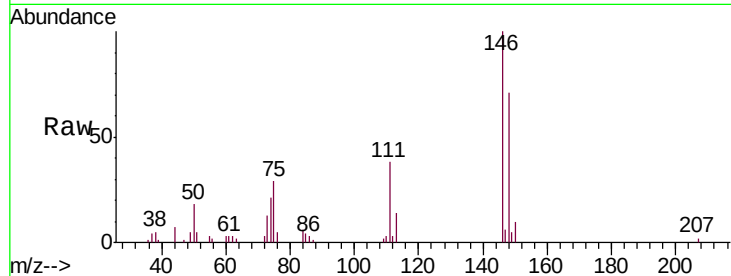
#82
1,3-Dichlorobenzene
Concen: 0.643 ug/l
RT: 11.42 min Scan# 3369
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	31.8	47.6
148	65.5	51.0	76.4

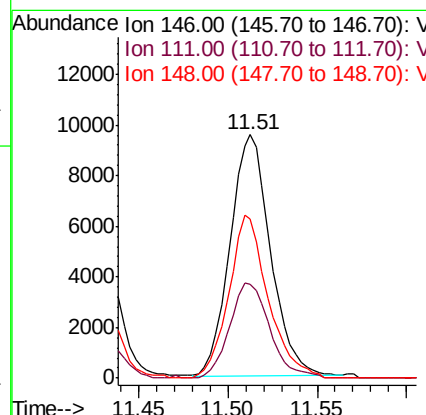
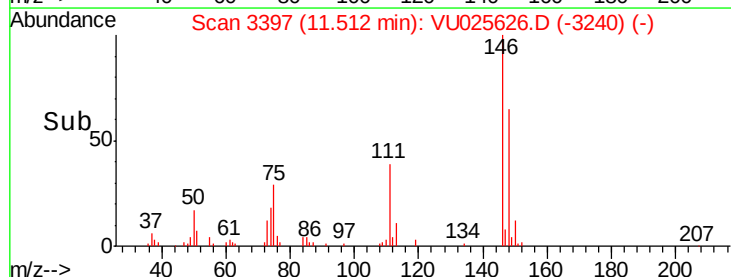
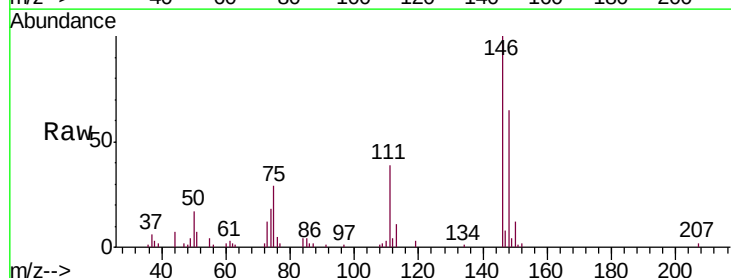
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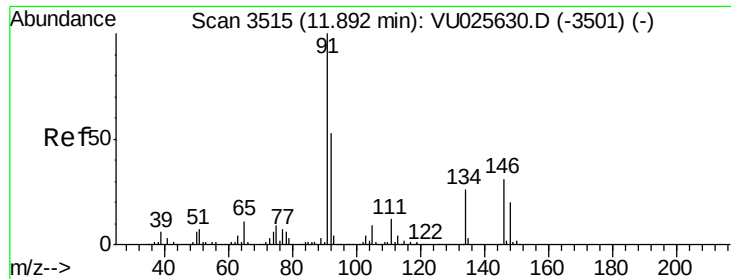
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#83
1,4-Dichlorobenzene
Concen: 0.605 ug/l
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025626.D
Acq: 25 Jul 2018 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	30.1	45.1
148	65.9	50.6	76.0





#84

n-Butylbenzene

Concen: 0.562 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

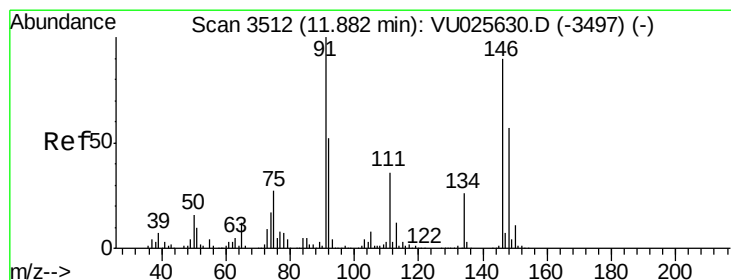
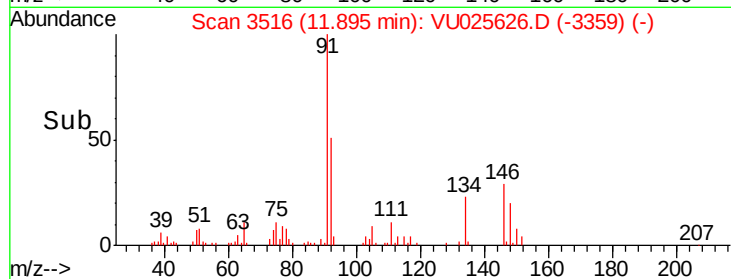
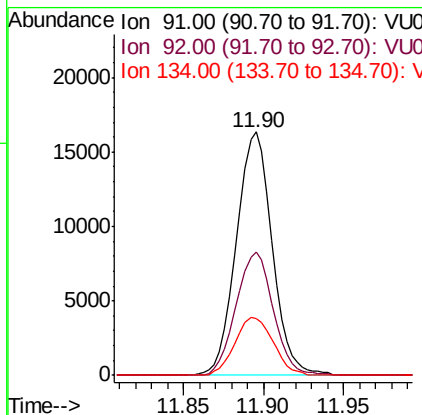
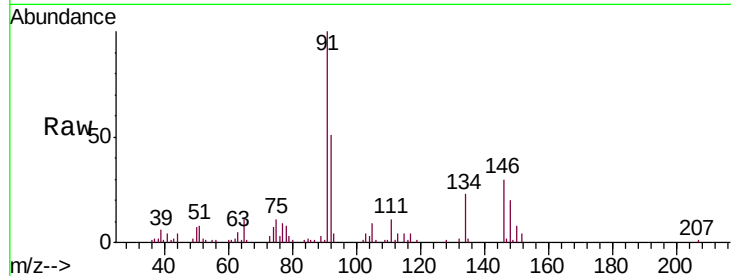
ClientSampled :

VSTDIC0.5

Tot Ion:	91	Resp:	24863
Ion	Ratio	Lower	Upper
91	100		
92	52.9	42.2	63.2
134	25.3	20.3	30.5

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#85

1,2-Dichlorobenzene

Concen: 0.659 ug/l

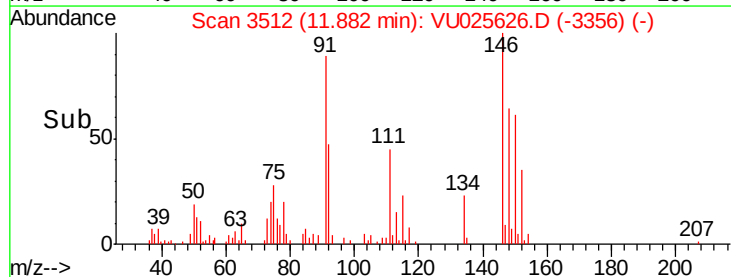
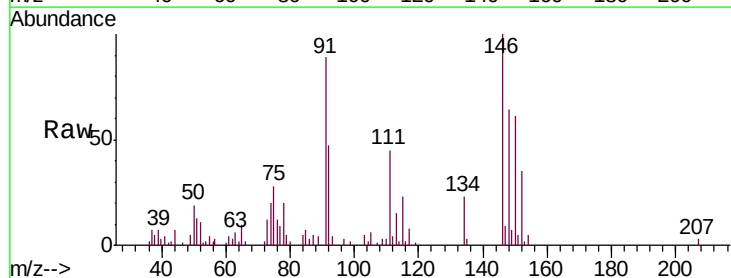
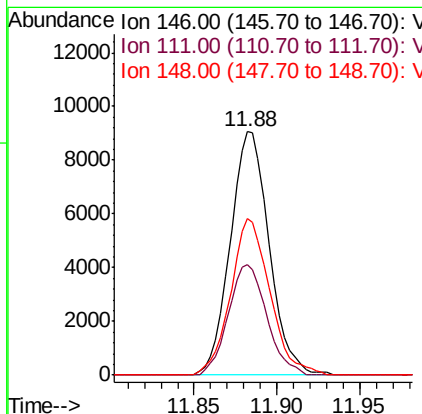
RT: 11.88 min Scan# 3512

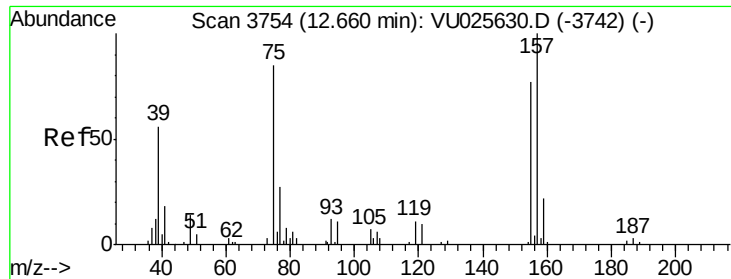
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	146	Resp:	14731
Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.7	62.1
148	65.4	31.9	95.5





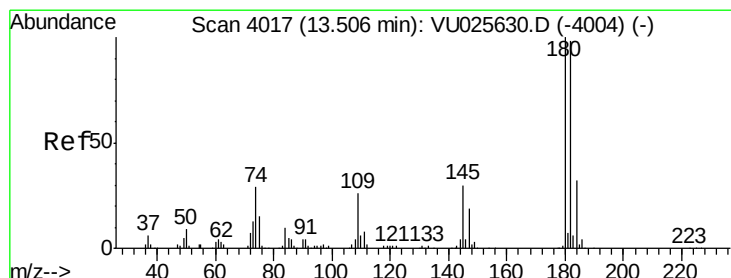
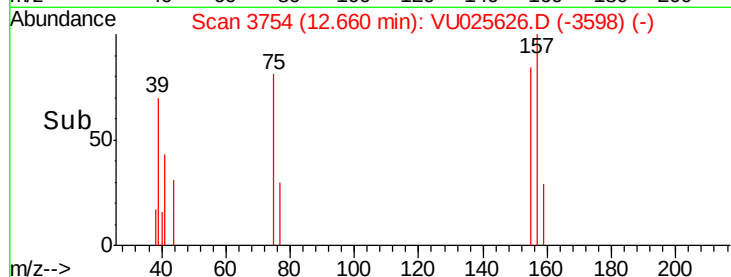
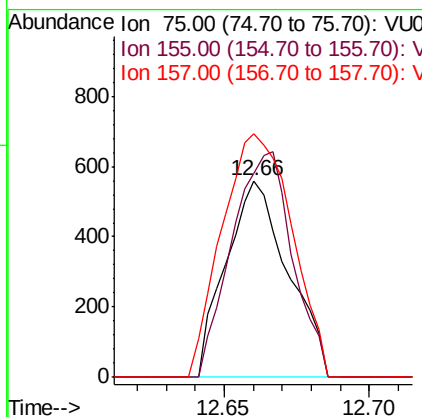
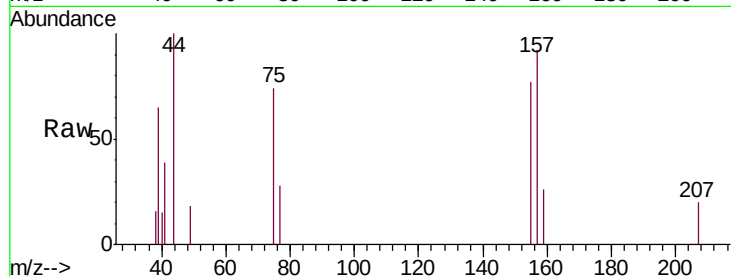
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.614 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion: 75 Resp: 832
 Ion Ratio Lower Upper
 75 100
 155 112.3 65.8 98.6#
 157 140.1 83.5 125.3#

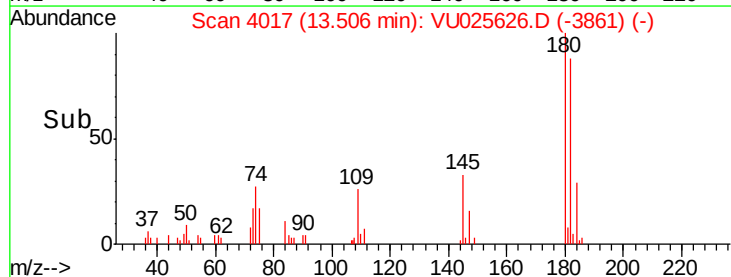
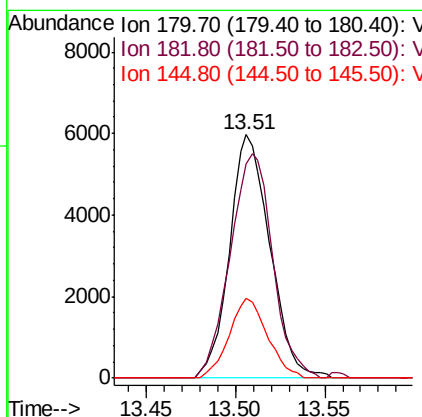
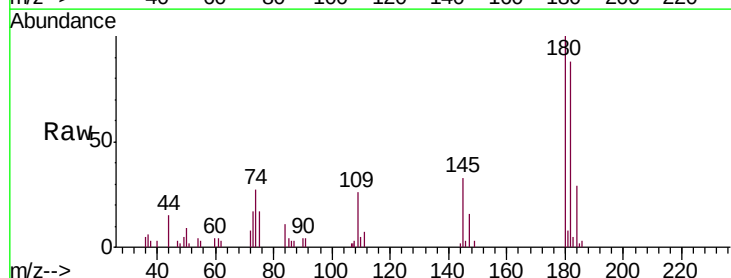
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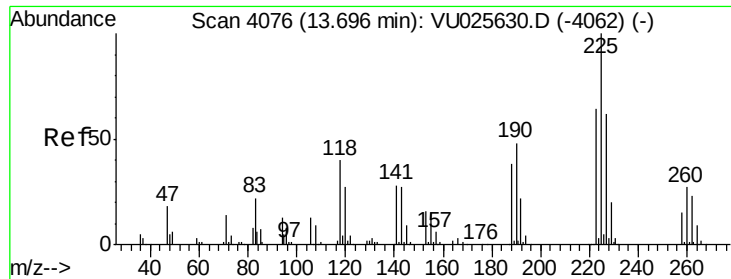
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#87
 1,2,4-Trichlorobenzene
 Concen: 0.580 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Tgt Ion: 180 Resp: 9389
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 145 30.9 23.3 34.9





#88

Hexachlorobutadiene

Concen: 0.600 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Instrument :

MSVOA_U

ClientSampled :

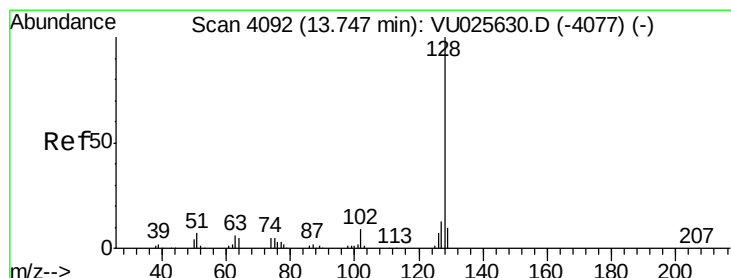
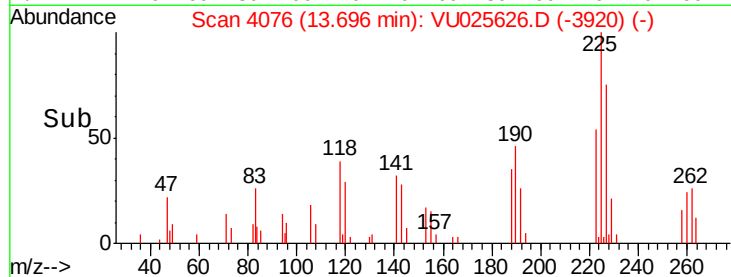
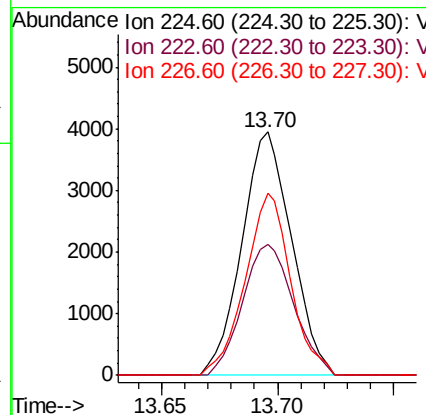
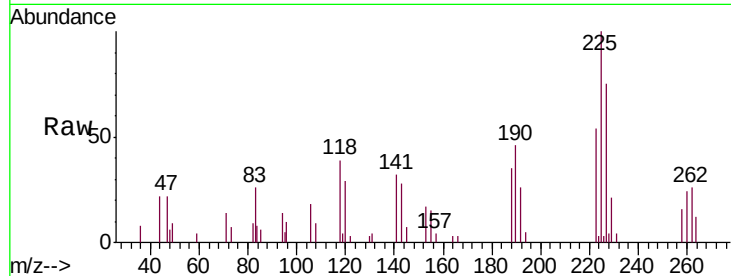
VSTDIC0.5

Tot Ion:	225	Resp:	5883
Ion Ratio	Lower	Upper	
225	100		
223	55.3	50.6	75.8
227	68.3	51.8	77.6

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#89

Naphthalene

Concen: 0.620 ug/l

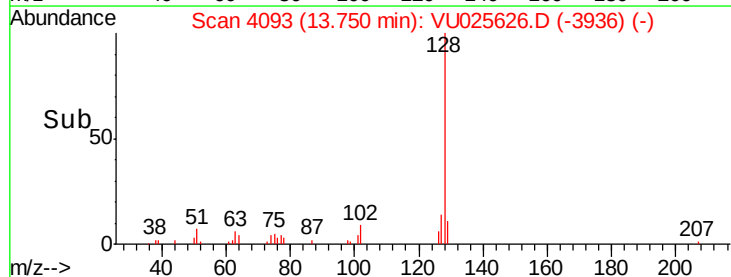
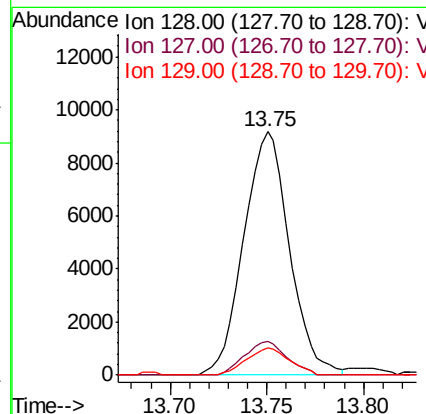
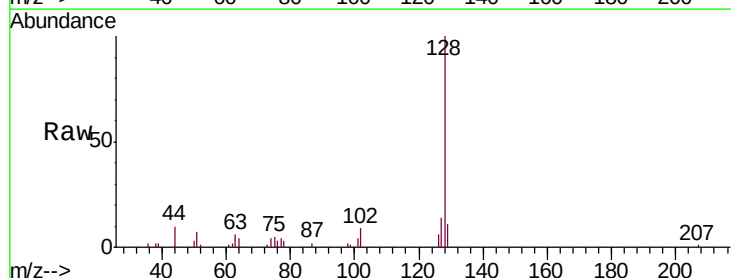
RT: 13.75 min Scan# 4093

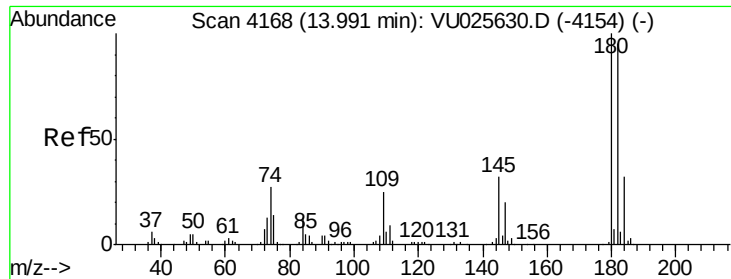
Delta R.T. 0.00 min

Lab File: VU025626.D

Acq: 25 Jul 2018 09:49

Tgt Ion:	128	Resp:	15103
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.4	8.7	13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.578 ug/l
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025626.D
 Acq: 25 Jul 2018 09:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	29.9	24.6	36.8

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