

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025629.D
 Acq On : 25 Jul 2018 11:02
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Jul 25 12:05:06 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	37562	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	14368	1.17	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15327	1.29	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.21	85	67830	5.562	ug/l	99
3) Chloromethane	1.33	50	62293	4.408	ug/l	98
4) Vinyl Chloride	1.41	62	58741	4.333	ug/l	97
5) Bromomethane	1.63	94	26843	3.704	ug/l	97
6) Chloroethane	1.70	64	35420	4.694	ug/l	98
7) Trichlorofluoromethane	1.89	101	86078	5.532	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	47268	4.944	ug/l	98
9) 1,1-Dichloroethene	2.29	96	41465	4.672	ug/l	93
10) Iodomethane	2.41	142	31997	3.032	ug/l	94
11) Allyl Chloride	2.59	41	68849	4.220	ug/l	84
12) Acrylonitrile	2.94	53	17511	9.560	ug/l	95
13) Acetone	2.32	43	36810	23.679	ug/l	95
14) Carbon Disulfide	2.48	76	138912	4.757	ug/l	99
15) Methylene Chloride	2.70	84	46606	4.610	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	46403	4.880	ug/l	95
17) 1,1-Dichloroethane	3.45	63	95379	5.092	ug/l	98
18) 2-Butanone	4.28	43	70084	27.900	ug/l	98
19) Cyclohexane	4.99	56	73143	4.520	ug/l	87
20) Methylcyclohexane	6.42	83	88949	5.387	ug/l	94
21) 2,2-Dichloropropane	4.23	77	86895	5.850	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	58133	5.649	ug/l	94
23) Diethyl Ether	2.10	59	30578	4.214	ug/l	97
24) tert-Butyl Alcohol	2.84	59	35169	64.276	ug/l #	79
25) Methyl tert-Butyl Ether	3.01	73	110426	4.951	ug/l	97
26) Bromochloromethane	4.55	128	25165	6.189	ug/l	85
27) Chloroform	4.68	83	100774	5.713	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	89984	6.219	ug/l	99
29) 1,1-Dichloropropene	5.14	75	76371	5.379	ug/l	97
30) Carbon Tetrachloride	5.14	117	84617	6.950	ug/l	98
31) Isopropyl Ether	3.58	45	148285	4.690	ug/l	93
32) Ethyl-t-butyl ether	4.08	59	138627	5.131	ug/l	93
33) Tert-Amyl methyl ether	5.59	73	125625	5.494	ug/l	97
34) Propionitrile	4.34	54	19159	26.787	ug/l #	91
35) Benzene	5.39	78	209644	4.968	ug/l	99
36) 1,2-Dichloroethane	5.41	62	65355	5.476	ug/l	99
37) Trichloroethene	6.19	130	61575	5.436	ug/l	96
38) 1,2-Dichloropropane	6.44	63	55352	4.783	ug/l	99
39) Methacrylonitrile	4.56	41	17607	4.814	ug/l	92
40) Methyl acrylate	4.44	55	25769	5.080	ug/l #	96
41) Tetrahydrofuran	4.66	42	19520	10.359	ug/l	96
42) 1-Chlorobutane	5.07	56	102443	4.978	ug/l	99

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Manual Integrations
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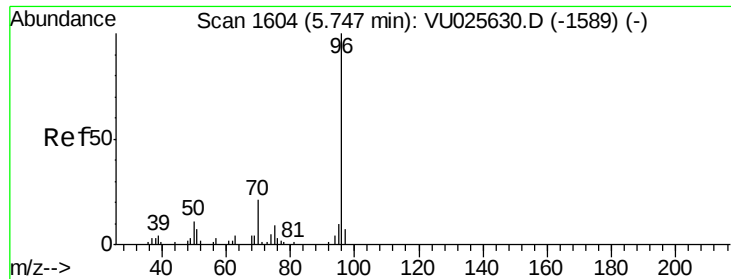
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7/26/2018 4:26:27 PM

Quant Time: Jul 25 12:05:06 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)
43) Dibromomethane	6.56	93	28850	5.796	ug/l	97
44) Bromodichloromethane	6.76	83	72347	5.784	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	161969	27.530	ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	19627m	11.283	ug/l	
47) Methyl methacrylate	6.63	69	47752	10.587	ug/l	95
48) Ethyl methacrylate	8.02	69	49287	6.250	ug/l	97
49) Toluene	7.64	92	130722	5.363	ug/l	97
50) t-1,3-Dichloropropene	7.89	75	66814	6.258	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	78697	5.663	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	37320	5.269	ug/l	98
53) 1,3-Dichloropropane	8.25	76	66047	5.245	ug/l	100
54) 2-Hexanone	8.37	43	114061	28.460	ug/l	99
55) Dibromochloromethane	8.48	129	49372	6.362	ug/l	98
56) 1,2-Dibromoethane	8.59	107	38205	6.260	ug/l	96
58) Tetrachloroethene	8.23	164	57006	5.519	ug/l	98
59) Chlorobenzene	9.12	112	148793	5.703	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	55036	6.210	ug/l	98
61) Pentachloroethane	11.10	117	41818	6.648	ug/l	96
62) Hexachloroethane	12.15	117	44005	7.289	ug/l	96
63) Ethyl Benzene	9.25	91	254565	5.870	ug/l	100
64) m/p-Xylenes	9.38	106	199971	11.956	ug/l	99
65) o-Xylene	9.78	106	94421	5.862	ug/l	100
66) Styrene	9.80	104	162755	6.128	ug/l	99
67) Bromoform	9.96	173	29149	7.191	ug/l #	99
69) Isopropylbenzene	10.17	105	256145	6.174	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	48323	6.053	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	37257m	6.521	ug/l	
72) Bromobenzene	10.45	156	65001	6.293	ug/l	97
73) n-propylbenzene	10.59	120	74143	6.465	ug/l	92
74) 2-Chlorotoluene	10.66	126	63189	6.231	ug/l	90
75) 1,3,5-Trimethylbenzene	10.78	105	226336	6.475	ug/l	99
76) 4-Chlorotoluene	10.78	126	65504	6.235	ug/l	99
77) tert-Butylbenzene	11.10	119	220841	6.744	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	235597	6.676	ug/l	99
79) sec-Butylbenzene	11.33	105	293363	6.398	ug/l	97
80) Nitrobenzene	12.87	77	7199	25.963	ug/l #	96
81) p-Isopropyltoluene	11.48	119	249531	6.622	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	135534	6.575	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	136212	6.616	ug/l	99
84) n-Butylbenzene	11.89	91	236974	6.442	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	122789	6.597	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	8394	7.451	ug/l	93
87) 1,2,4-Trichlorobenzene	13.51	180	87402	6.492	ug/l	100
88) Hexachlorobutadiene	13.70	225	52555	6.439	ug/l	98
89) Naphthalene	13.75	128	142250	7.017	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	80335	6.357	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

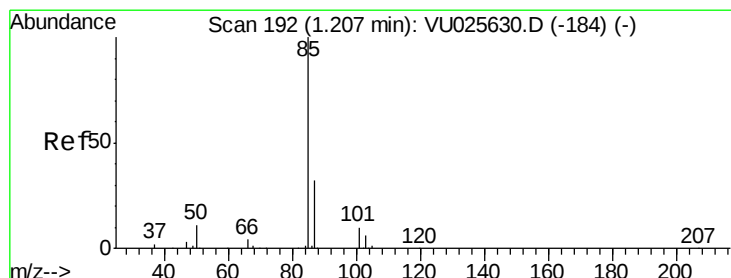
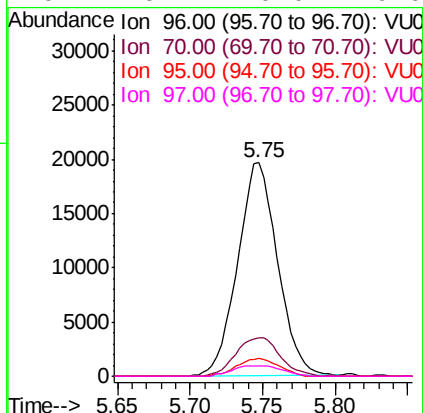
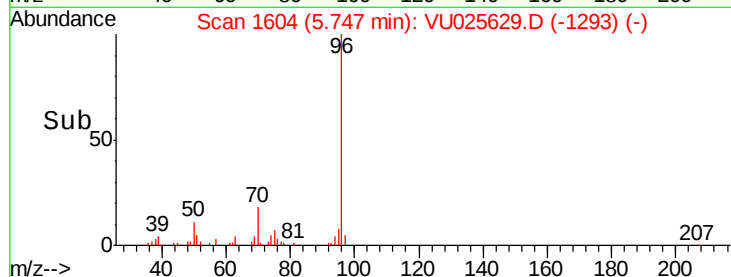
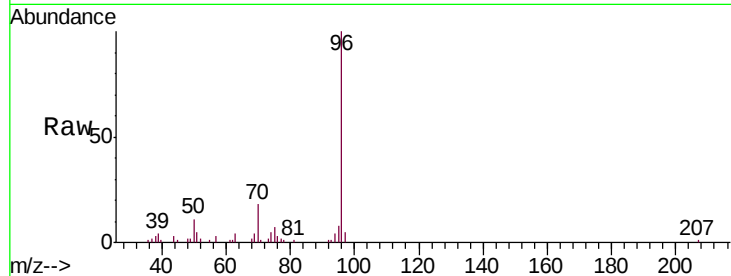
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Ion	Ratio	Lower	Upper
96	100		
70	19.8	16.2	24.4
95	8.8	6.9	10.3
97	6.1	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 5.562 ug/l

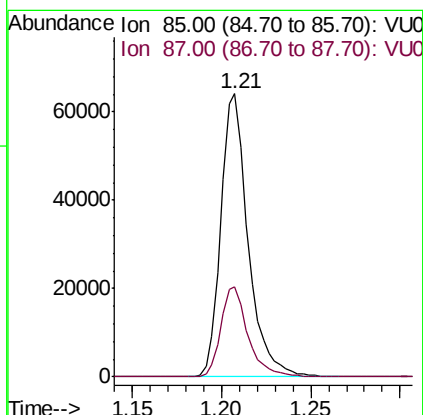
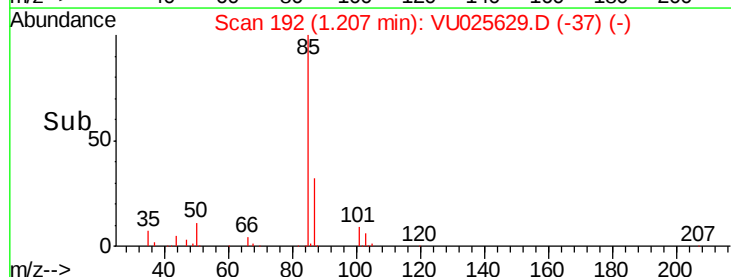
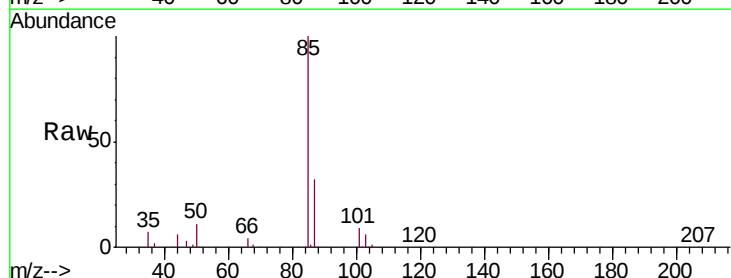
RT: 1.21 min Scan# 192

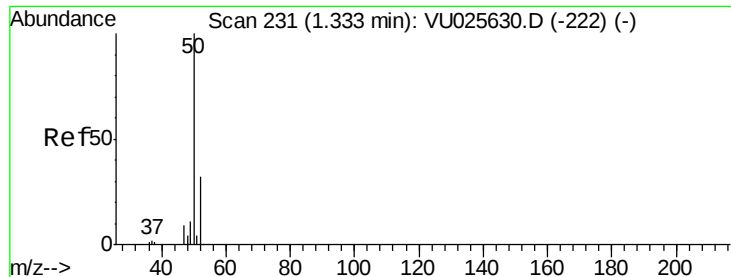
Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion:	85	Resp:	67830
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.2	48.5





#3

Chloromethane

Concen: 4.408 ug/l

RT: 1.33 min Scan# 231

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 62293

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0

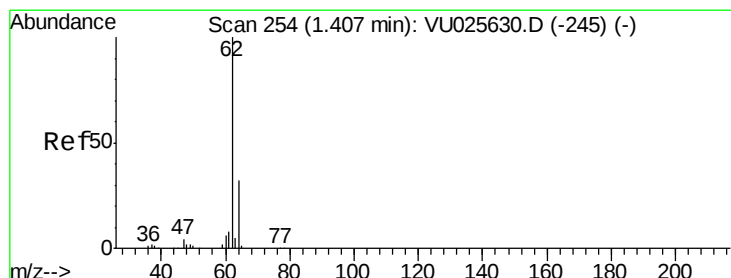
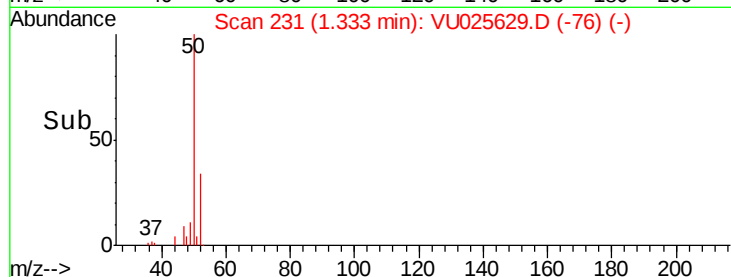
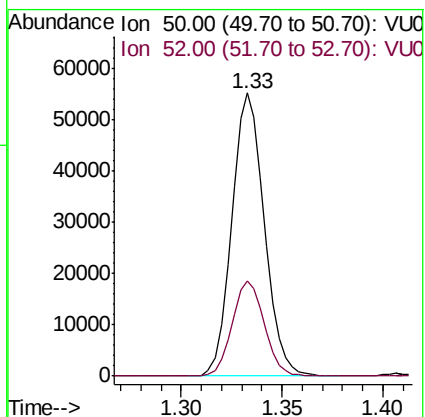
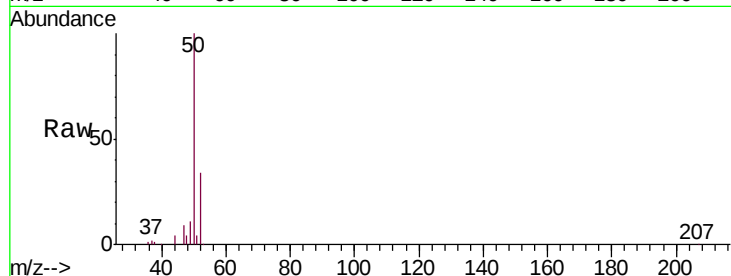
Manual Integrations

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#4

Vinyl Chloride

Concen: 4.333 ug/l

RT: 1.41 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU025629.D

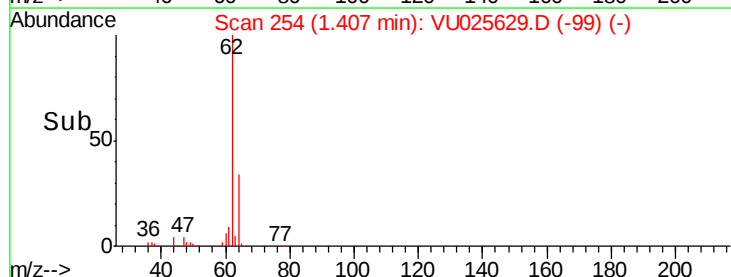
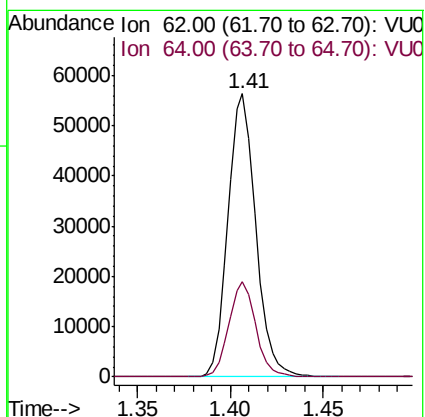
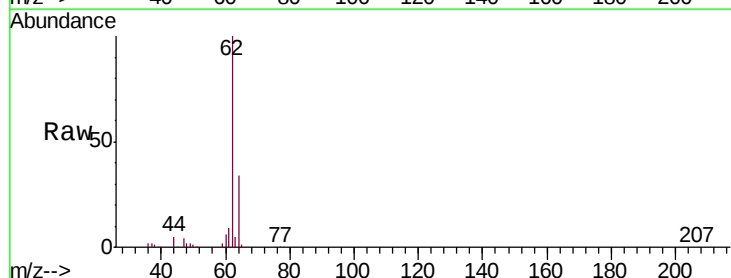
Acq: 25 Jul 2018 11:02

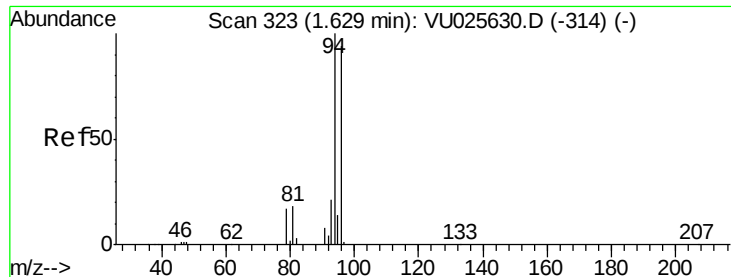
Tgt Ion: 62 Resp: 58741

Ion Ratio Lower Upper

62 100

64 33.8 25.8 38.8





#5

Bromomethane

Concen: 3.704 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 26843

Ion Ratio Lower Upper

94 100

96 96.8 75.1 112.7

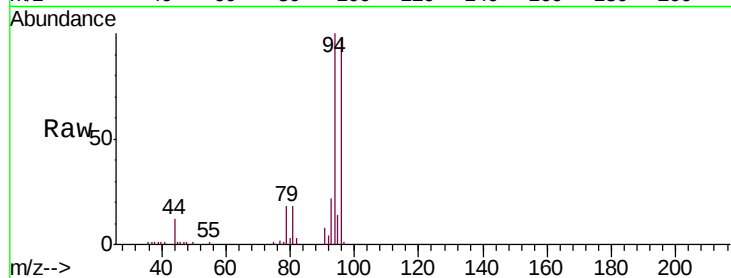
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Abundance Ion 94.00 (93.70 to 94.70): VU025630.D (-314) (-)

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

25000

20000

15000

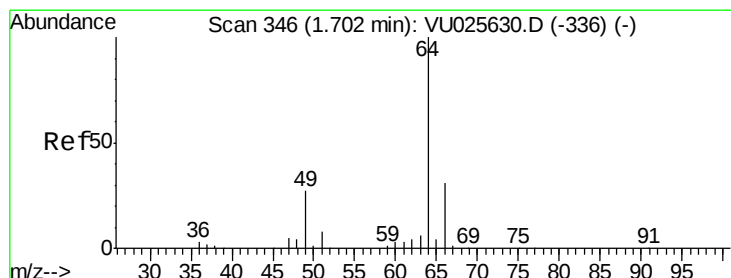
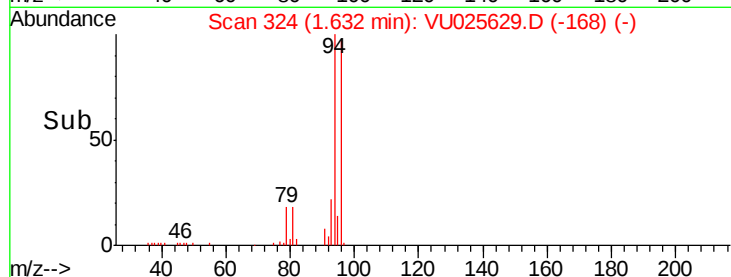
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5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 4.694 ug/l

RT: 1.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU025629.D

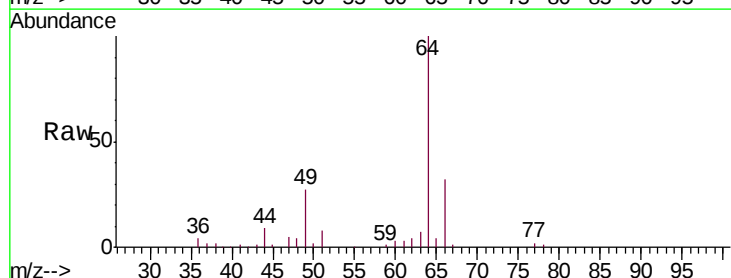
Acq: 25 Jul 2018 11:02

Tgt Ion: 64 Resp: 35420

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3



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

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

30000

25000

20000

15000

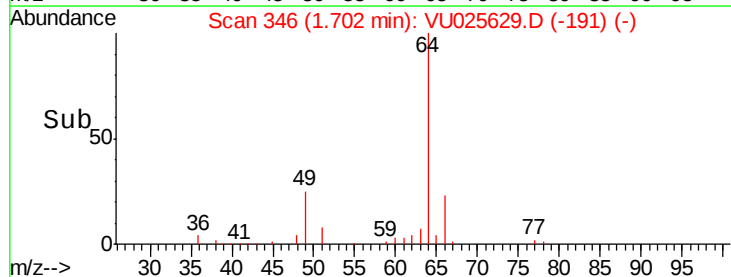
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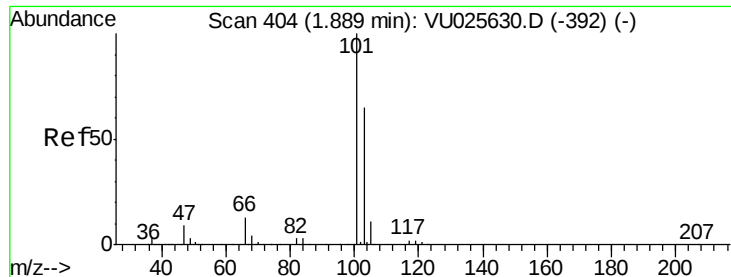
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0

1.65 1.70 1.75

Time-->





#7

Trichlorofluoromethane
 Concen: 5.532 ug/l
 RT: 1.89 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

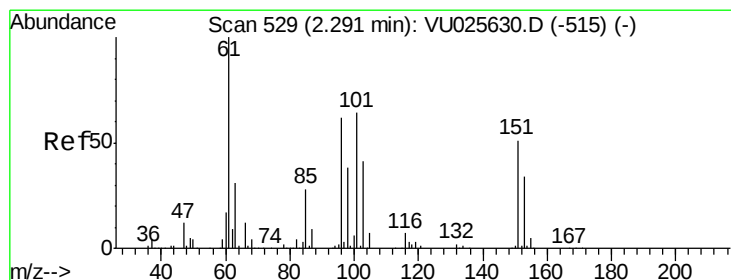
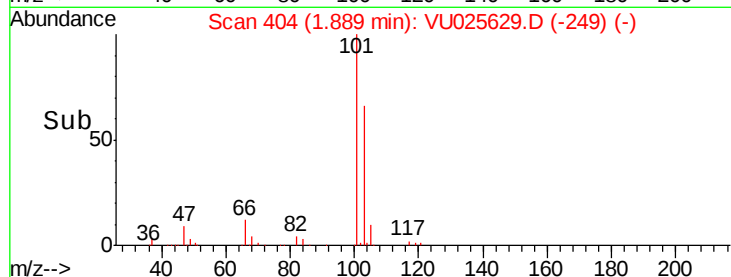
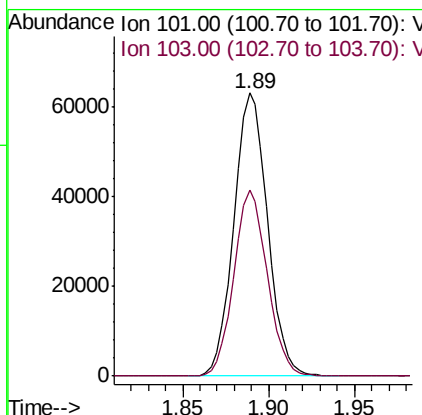
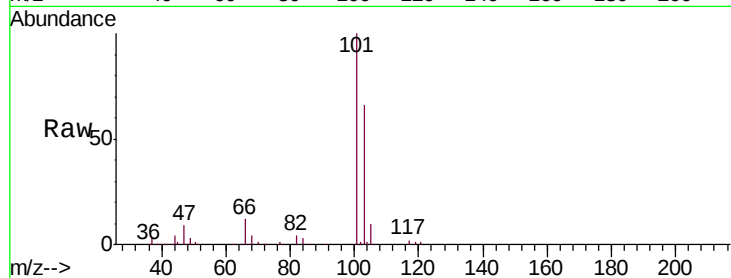
Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.4	77.0

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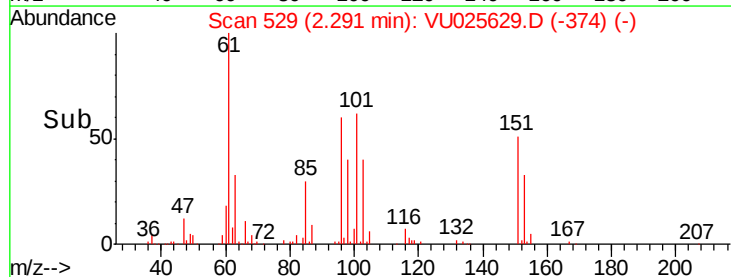
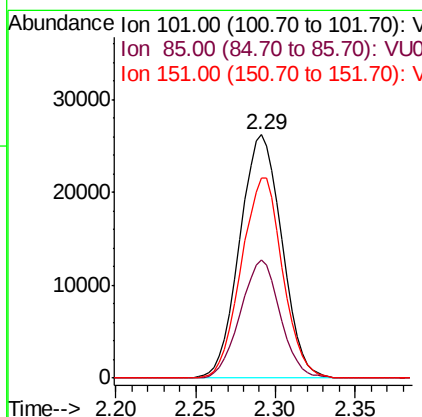
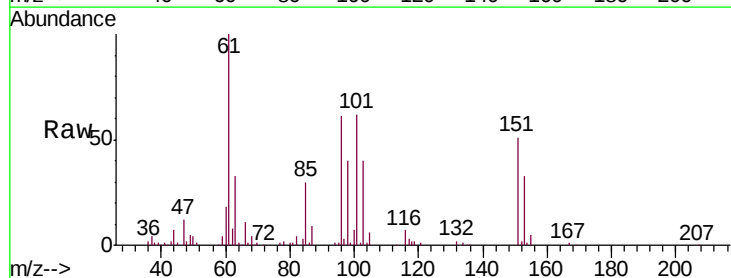
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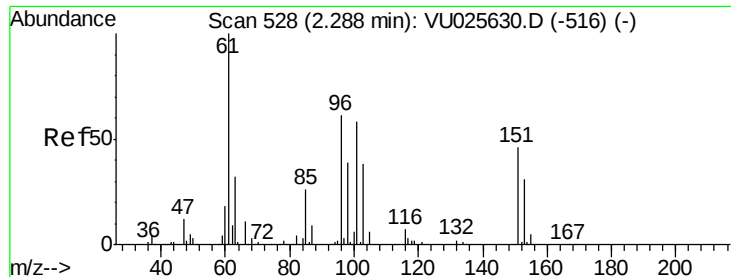


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.944 ug/l
 RT: 2.29 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.2	52.8
151	80.6	63.5	95.3





#9

1,1-Dichloroethene

Concen: 4.672 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

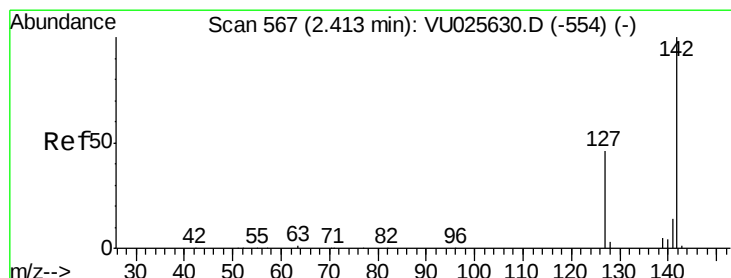
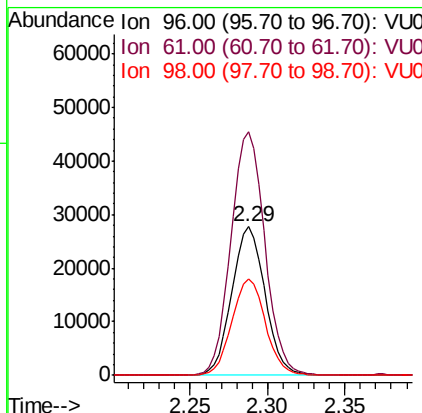
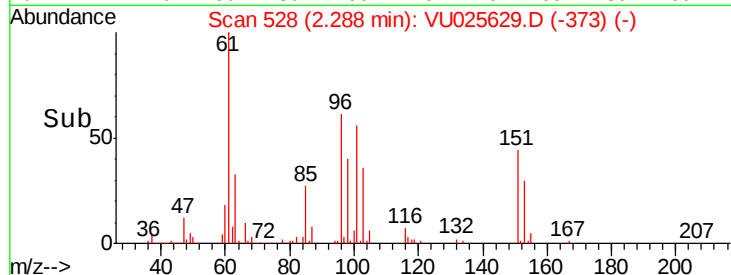
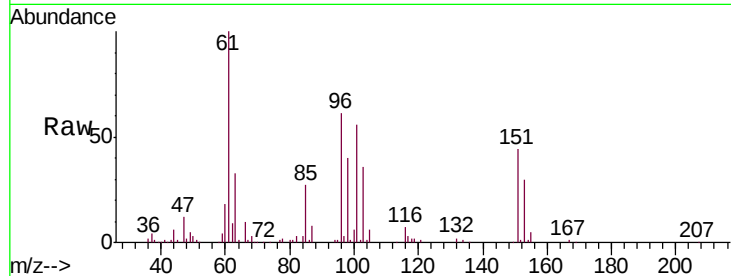
Tot Ion:	96	Resp:	41465
Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	526.5
98	65.0	0.0	123.4

Manual Integrations
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#10

Iodomethane

Concen: 3.032 ug/l

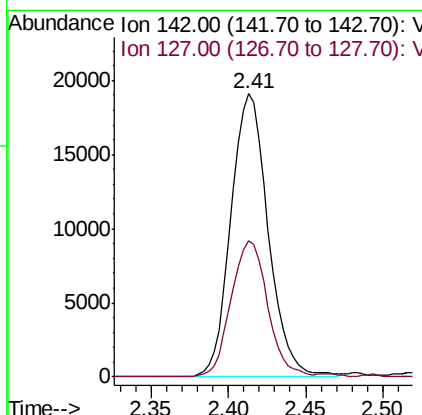
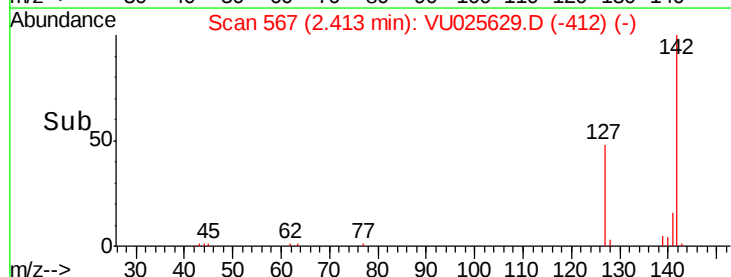
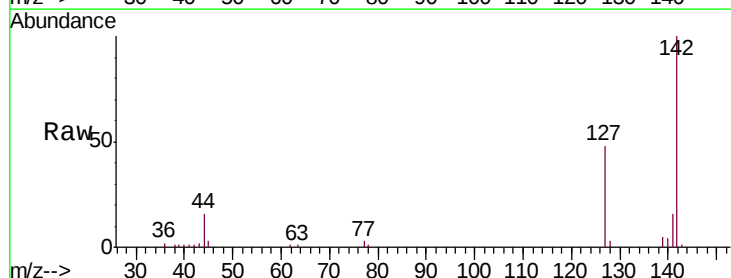
RT: 2.41 min Scan# 567

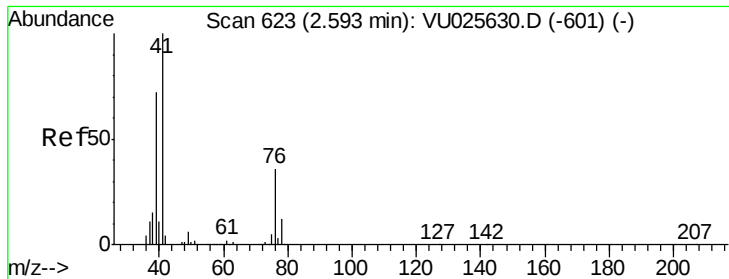
Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion:	142	Resp:	31997
Ion	Ratio	Lower	Upper
142	100		
127	47.1	34.5	51.7





#11
Allvl Chloride
Concen: 4.220 ug/l
RT: 2.59 min Scan# 623
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

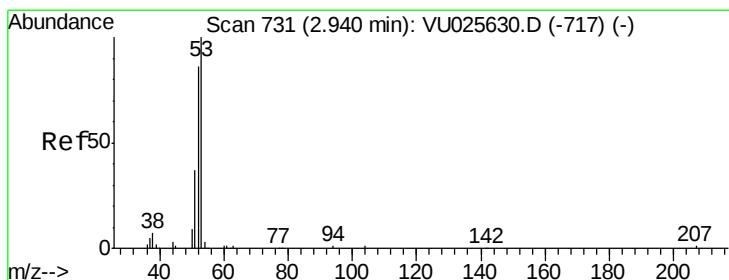
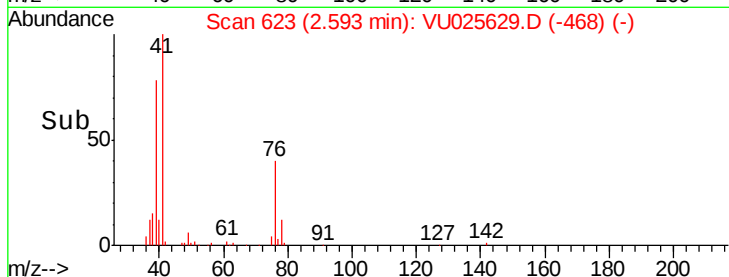
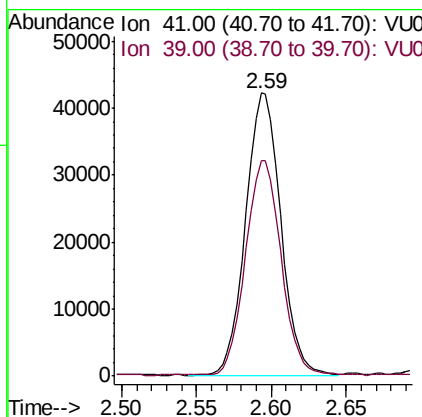
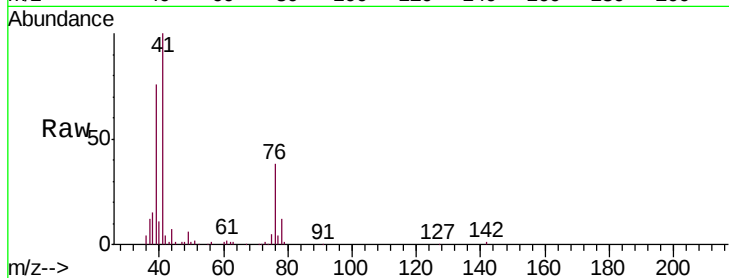
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 41 Resp: 68849
Ion Ratio Lower Upper
41 100
39 76.9 51.4 77.2

Manual Integrations
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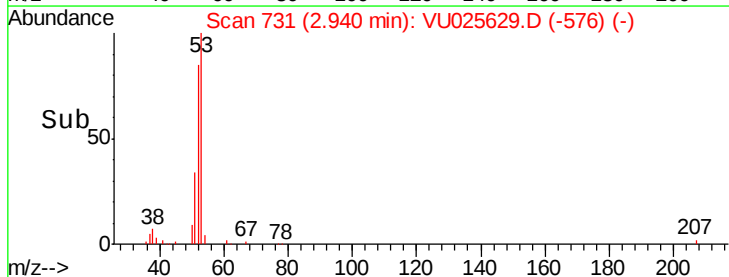
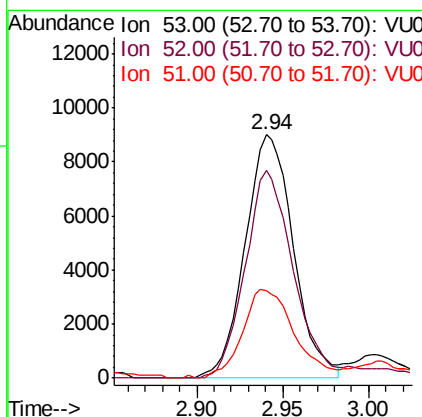
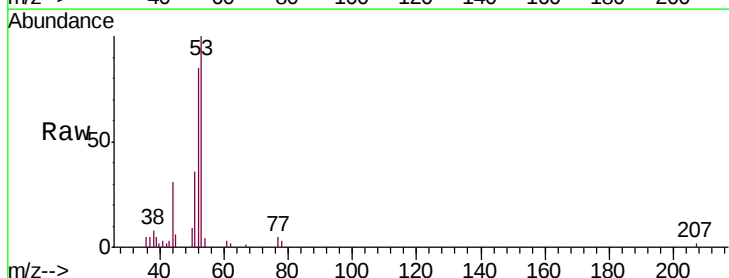
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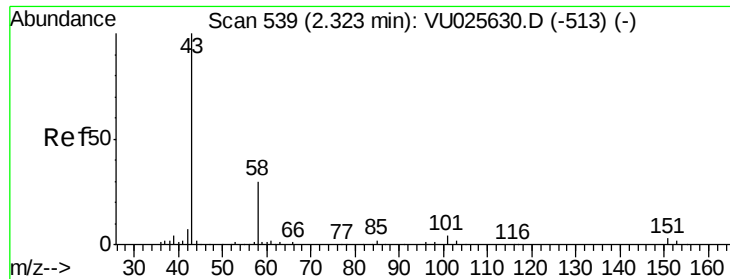
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#12
Acrylonitrile
Concen: 9.560 ug/l
RT: 2.94 min Scan# 731
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 53 Resp: 17511
Ion Ratio Lower Upper
53 100
52 86.8 65.1 97.7
51 39.0 30.2 45.4





#13

Acetone

Concen: 23.679 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 36810

Ion Ratio Lower Upper

43 100

58 29.5 26.0 39.0

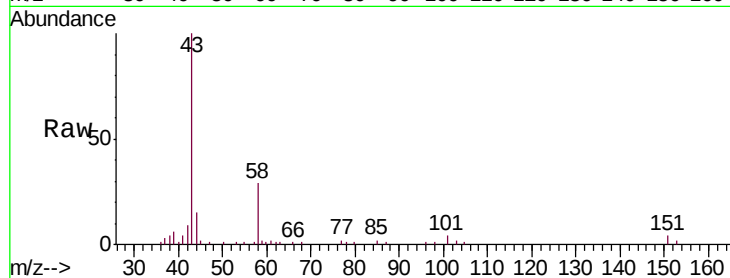
Manual Integrations

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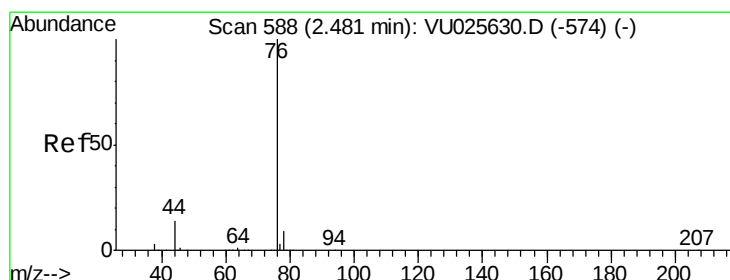
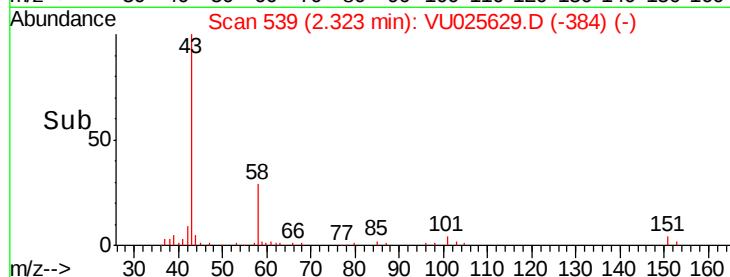
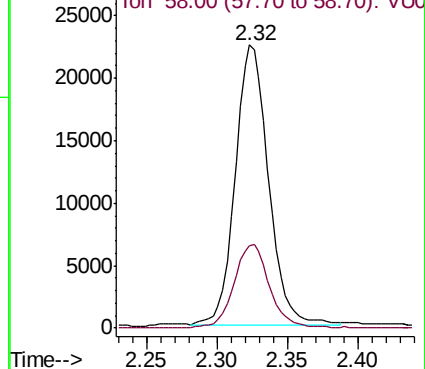
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Abundance Ion 43.00 (42.70 to 43.70): VU025630.D (-513) (-)



#14

Carbon Disulfide

Concen: 4.757 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025629.D

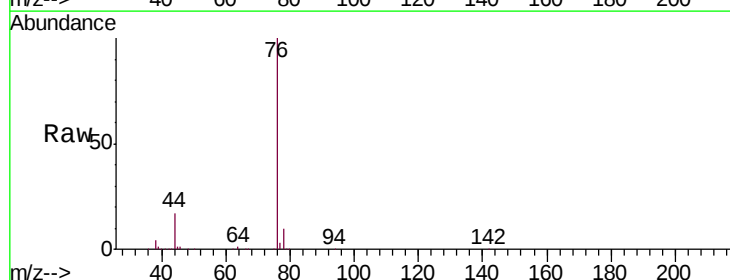
Acq: 25 Jul 2018 11:02

Tgt Ion: 76 Resp: 138912

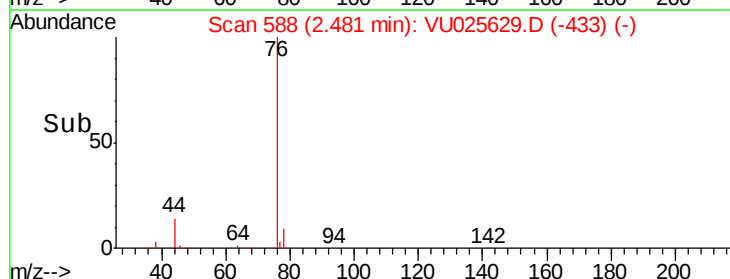
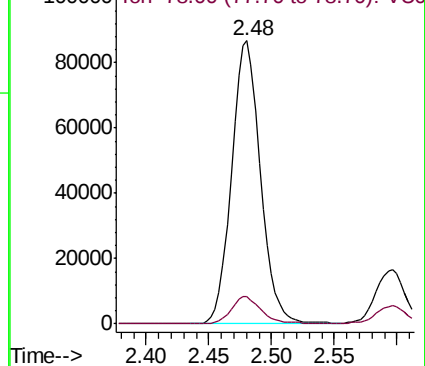
Ion Ratio Lower Upper

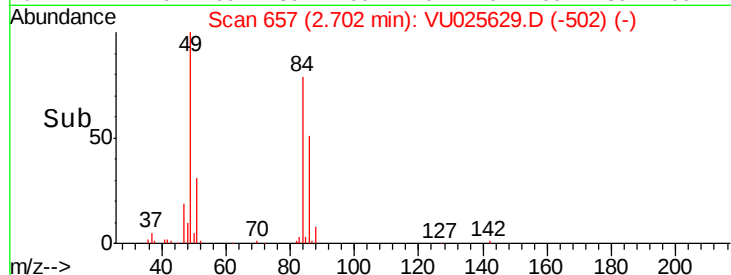
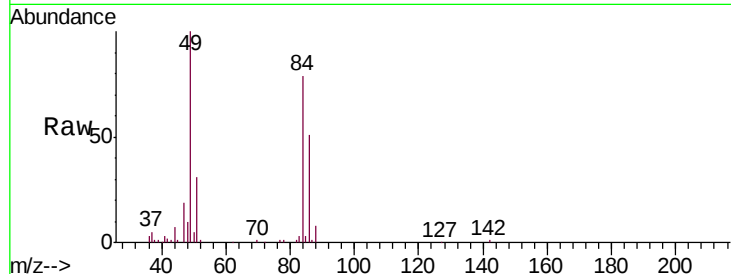
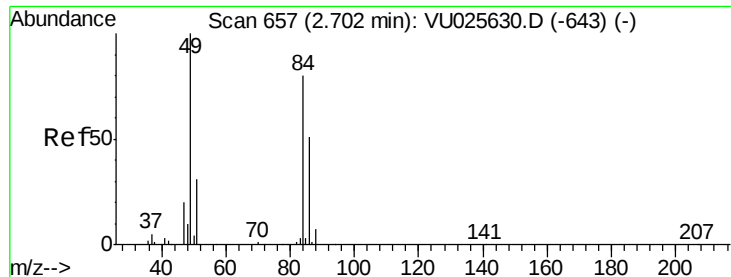
76 100

78 9.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU025630.D (-574) (-)





#15
Methvlene Chloride
Concen: 4.610 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

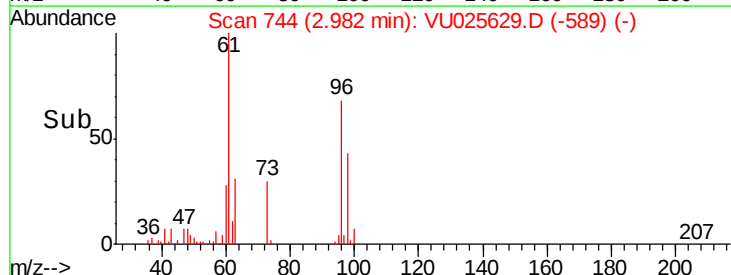
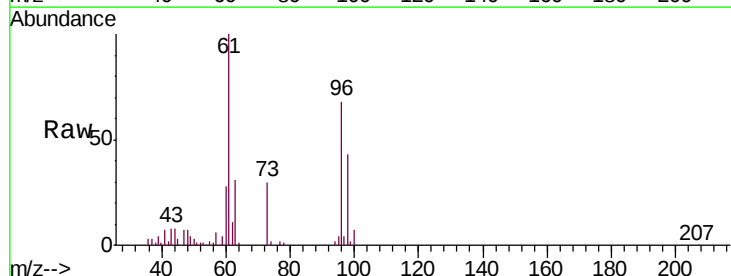
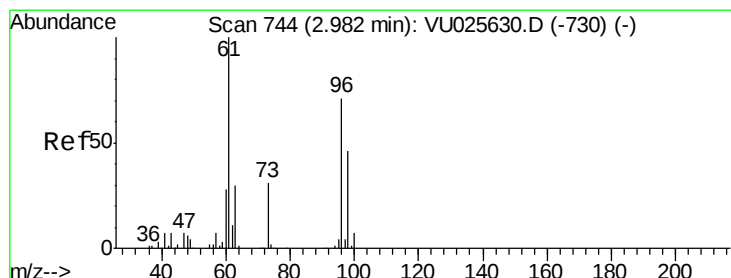
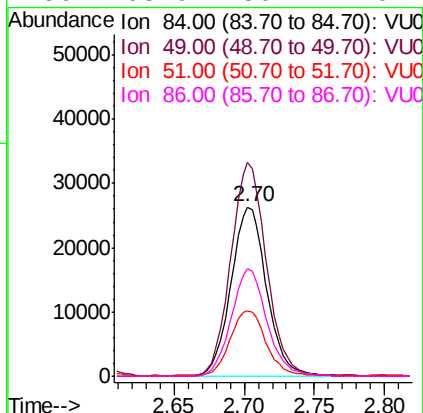
Tot Ion:	84	Resp:	46606
Ion	Ratio	Lower	Upper
84	100		
49	126.3	108.7	163.1
51	38.4	0.0	82.4
86	63.9	50.7	76.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
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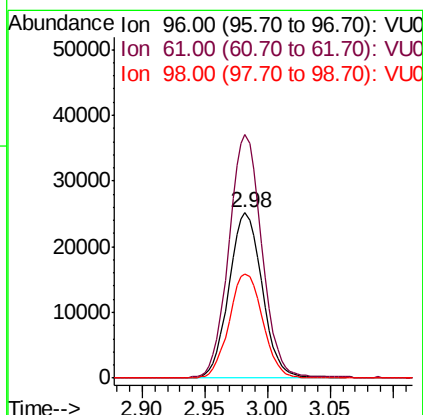
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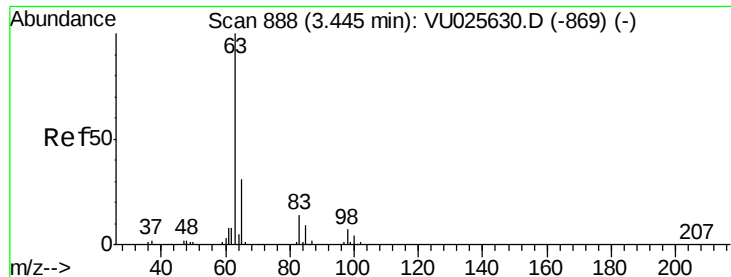
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#16
trans-1,2-Dichloroethene
Concen: 4.880 ug/l
RT: 2.98 min Scan# 744
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion:	96	Resp:	46403
Ion	Ratio	Lower	Upper
96	100		
61	146.6	123.9	185.9
98	62.7	50.6	76.0





#17
 1,1-Dichloroethane
 Concen: 5.092 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

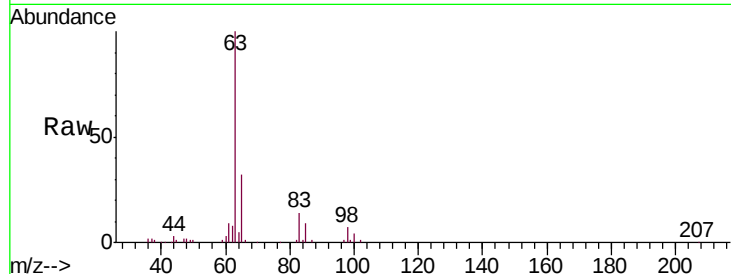
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		95379		
98	6.9		2.9	8.8	
100	3.8		2.0	5.8	

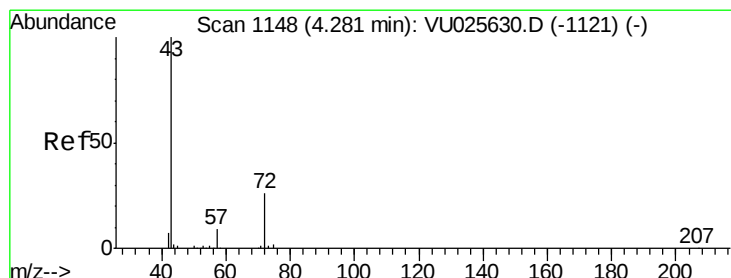
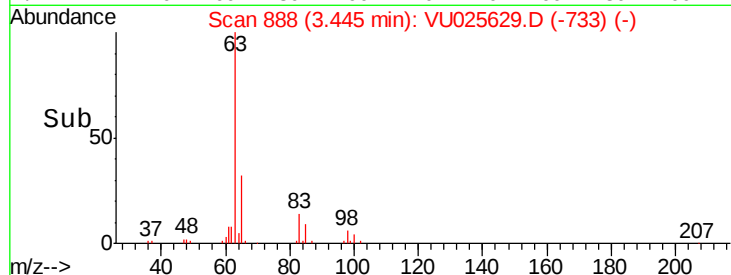
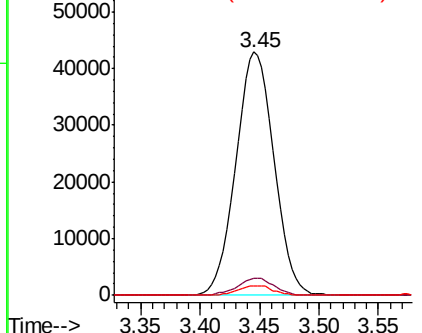
Manual Integrations
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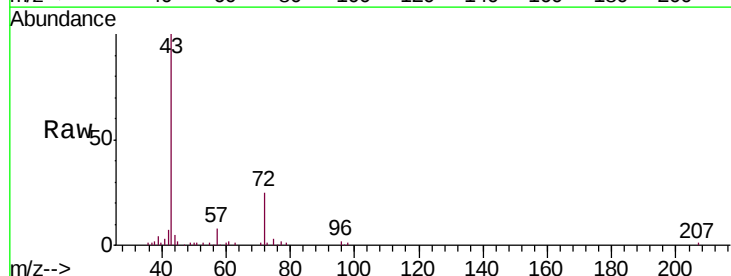


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

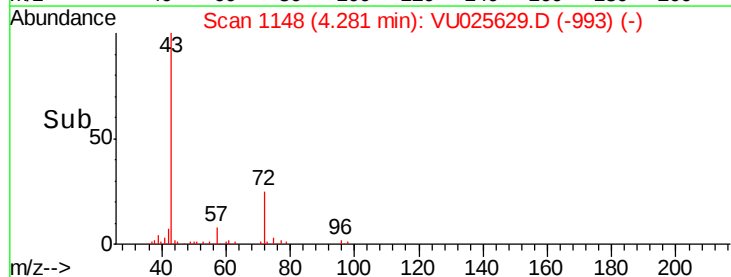
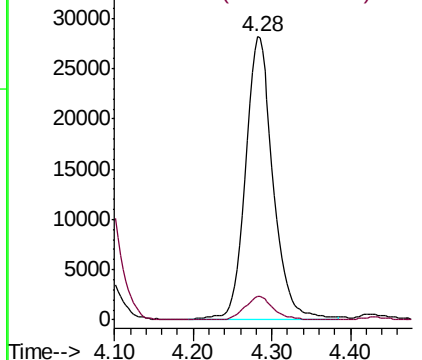


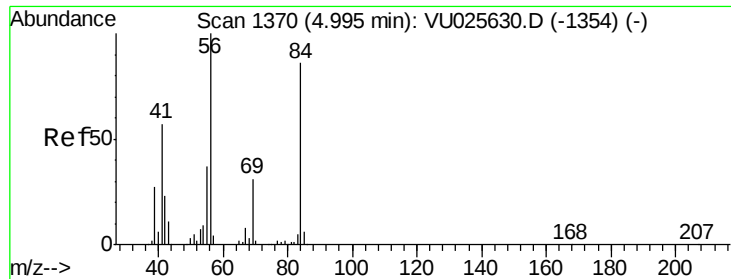
#18
 2-Butanone
 Concen: 27.900 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		70084		
57	8.5		0.0	15.8	



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19
Cyclohexane
Concen: 4.520 ug/l
RT: 4.99 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

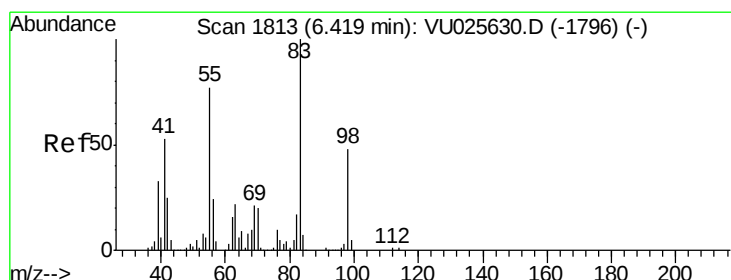
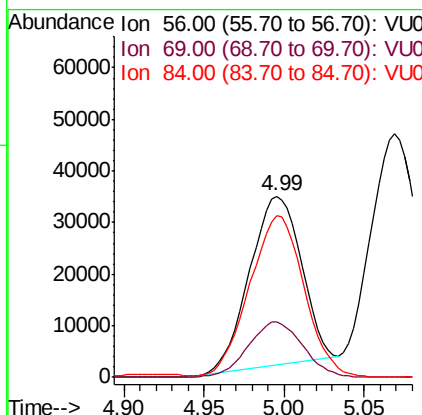
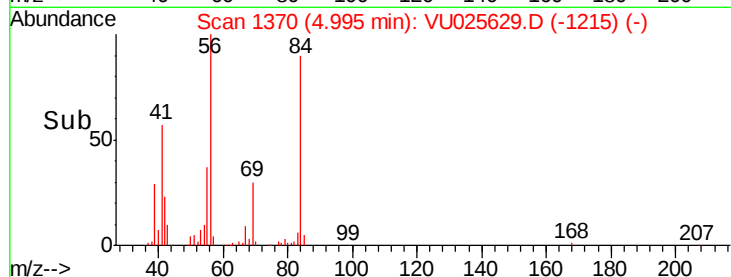
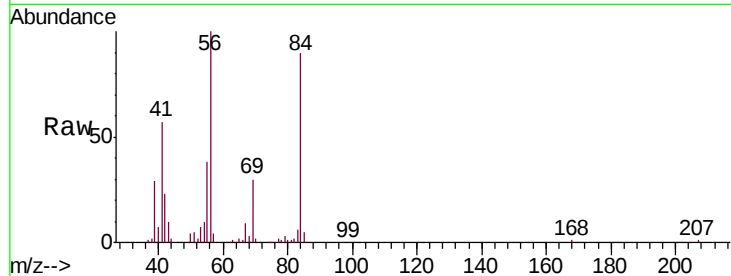
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	26.0	39.0
84	100.5	68.3	102.5

Manual Integrations
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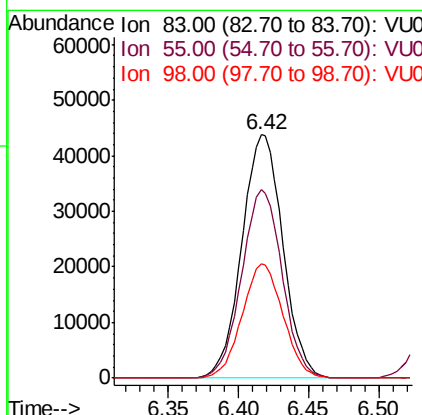
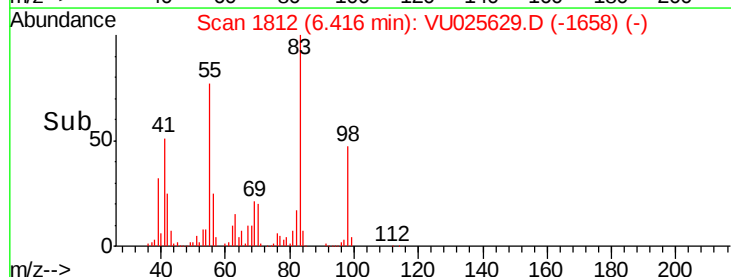
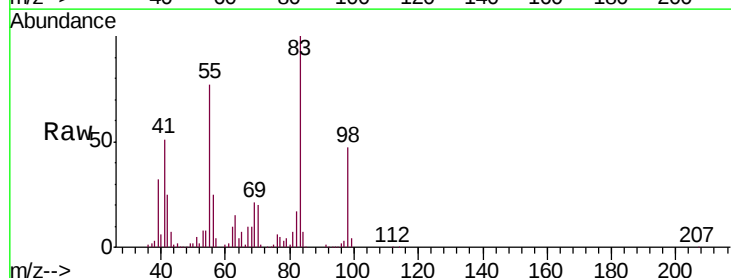
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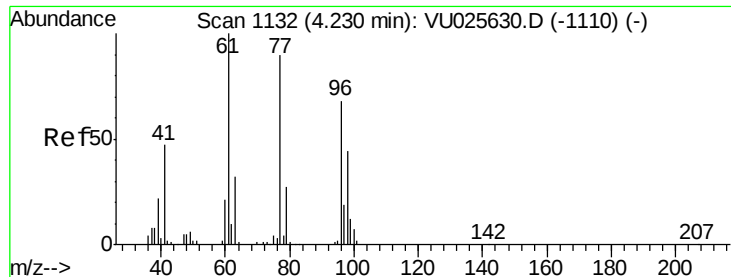
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#20
Methylcyclohexane
Concen: 5.387 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	66.4	99.6
98	46.9	35.4	53.2





#21

2,2-Dichloropropane

Concen: 5.850 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 86895

Ion Ratio Lower Upper

77 100

97 21.9 17.9 26.9

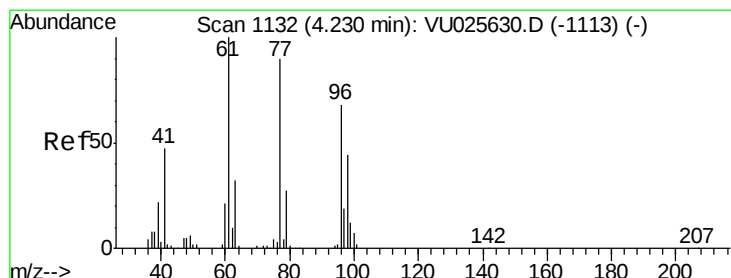
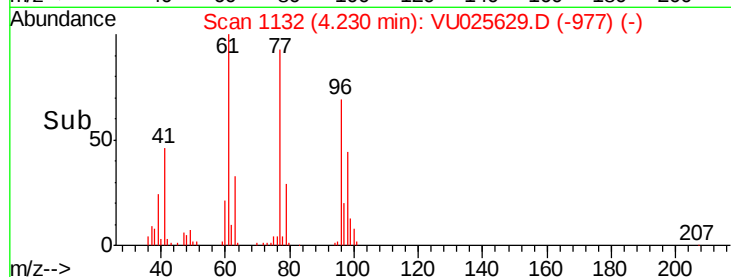
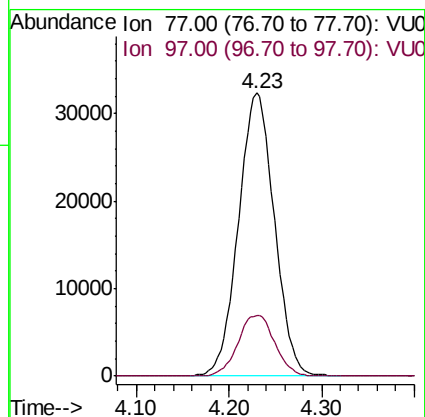
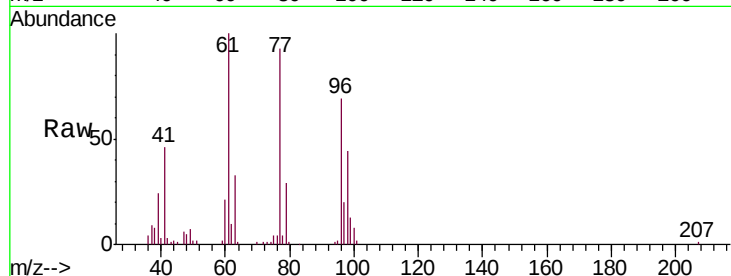
Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 5.649 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

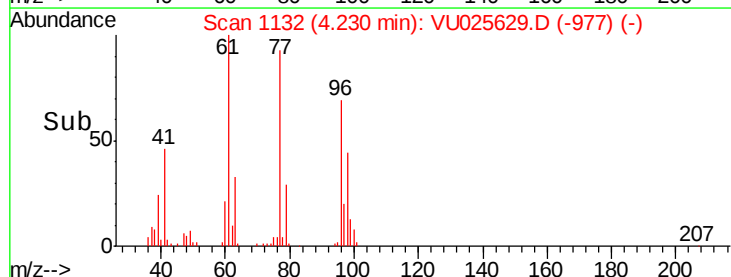
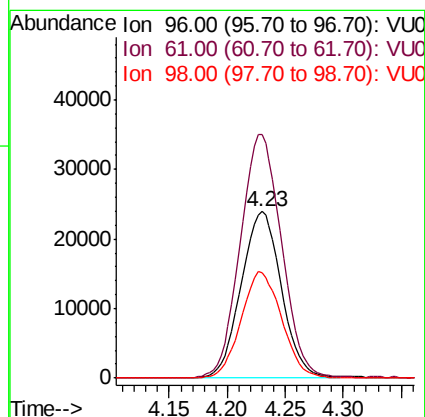
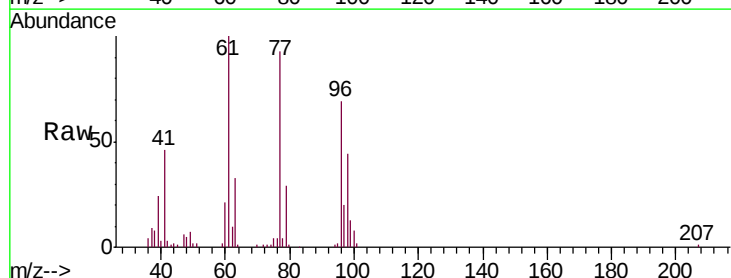
Tgt Ion: 96 Resp: 58133

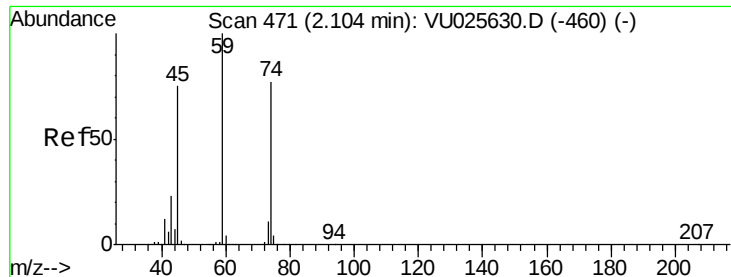
Ion Ratio Lower Upper

96 100

61 149.2 0.0 400.5

98 63.9 32.2 96.6





#23
Diethyl Ether
Concen: 4.214 ug/l
RT: 2.10 min Scan# 471
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

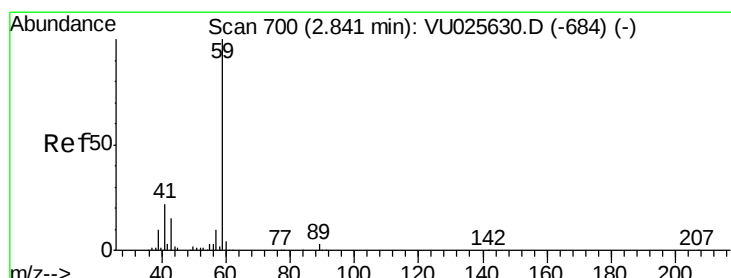
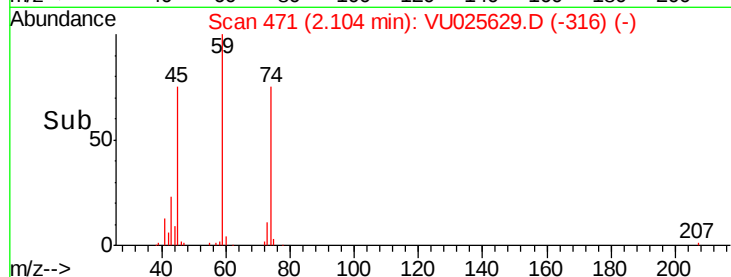
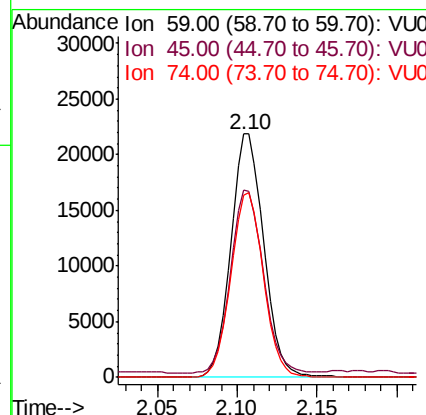
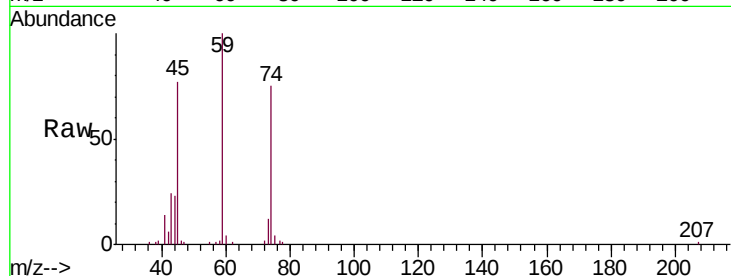
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
45	76.0	60.0	90.0
74	75.1	56.5	84.7

Manual Integrations
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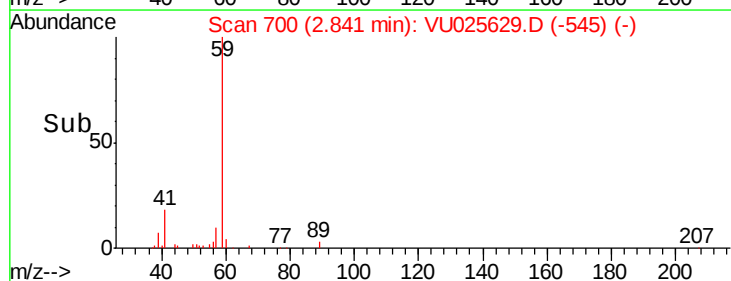
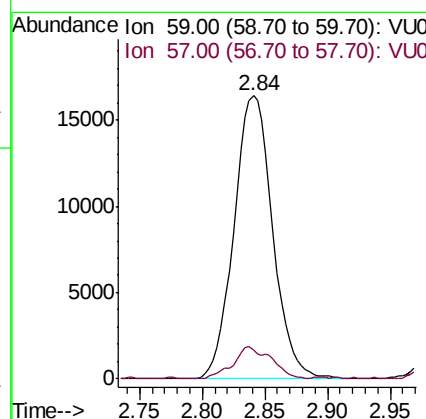
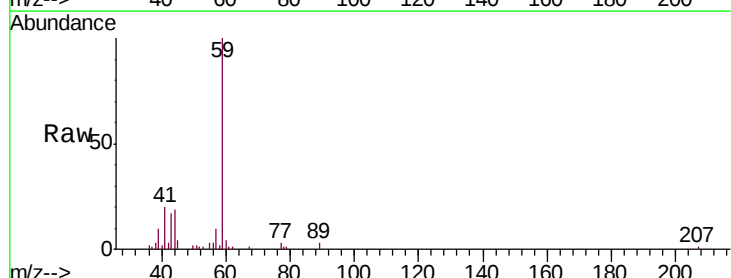
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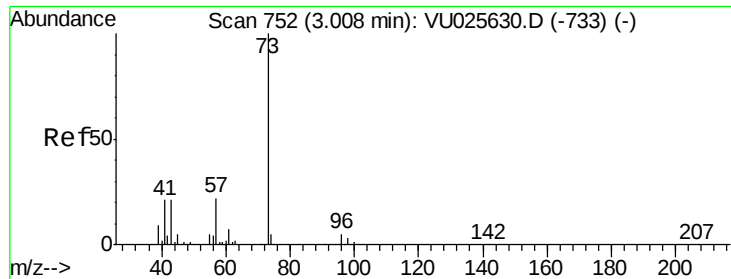
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#24
tert-Butyl Alcohol
Concen: 64.276 ug/l
RT: 2.84 min Scan# 700
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.3	3.4	5.2#





#25

Methvl tert-Butvl Ether
 Concen: 4.951 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

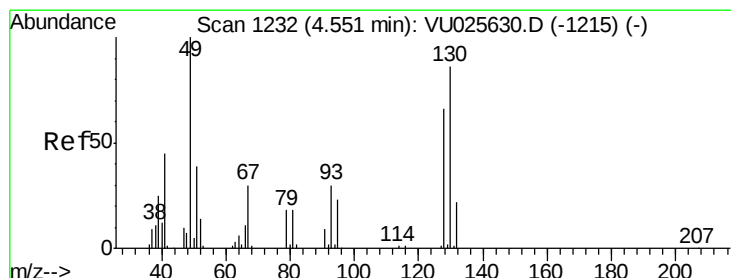
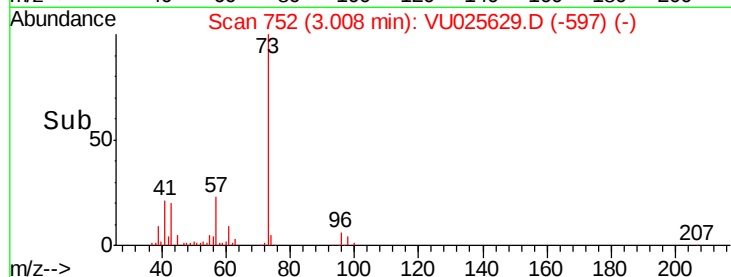
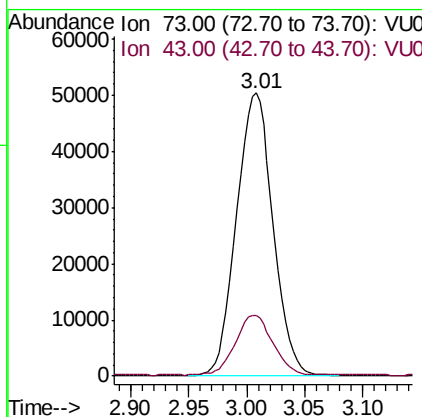
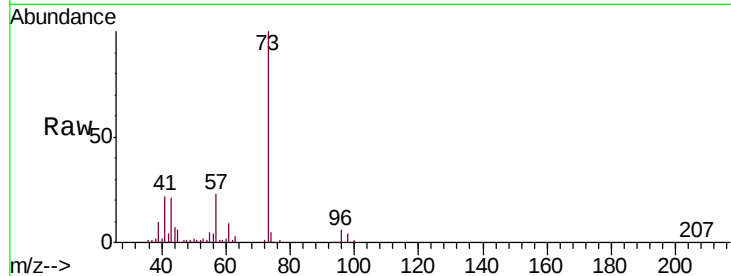
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.2

Manual Integrations
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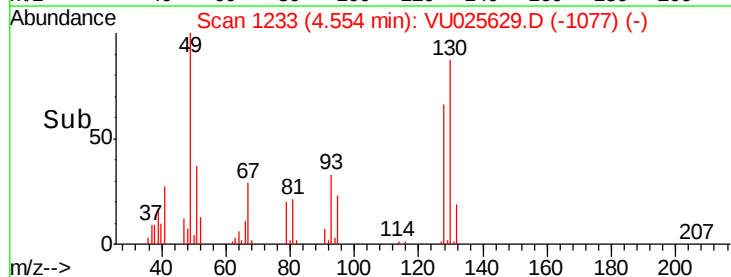
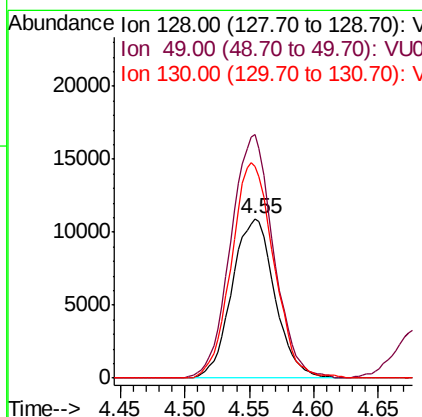
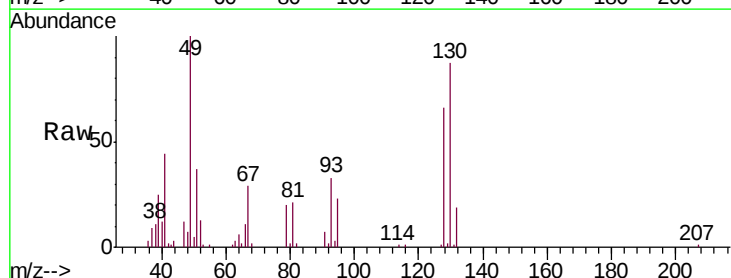
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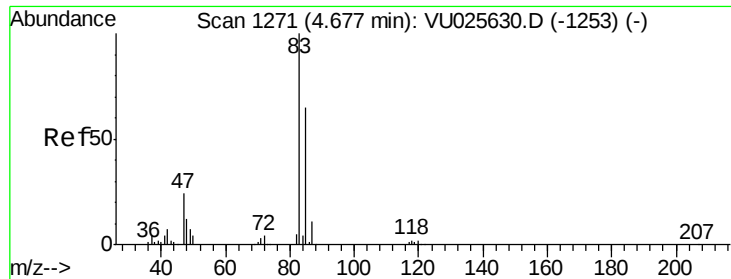


#26

Bromochloromethane
 Concen: 6.189 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.5	0.0	375.2
130	133.8	105.8	158.6





#27
Chloroform
Concen: 5.713 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

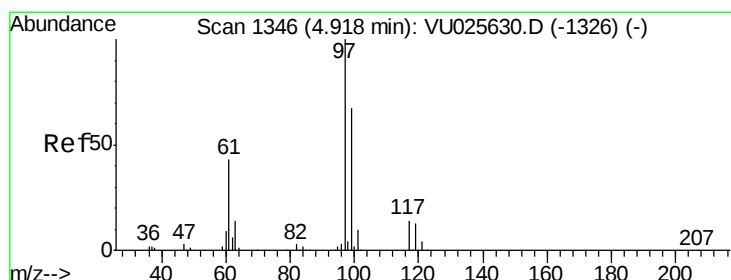
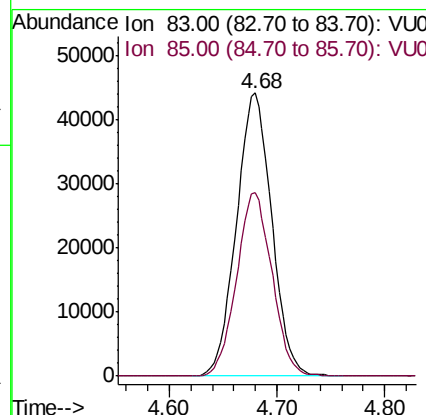
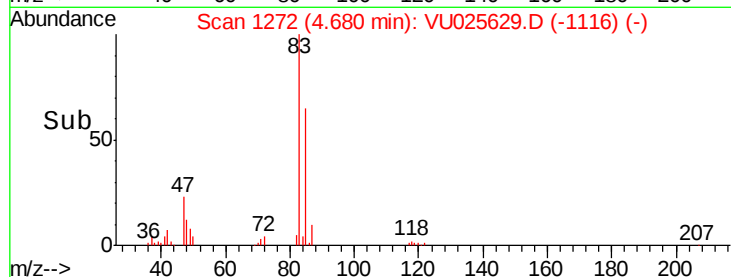
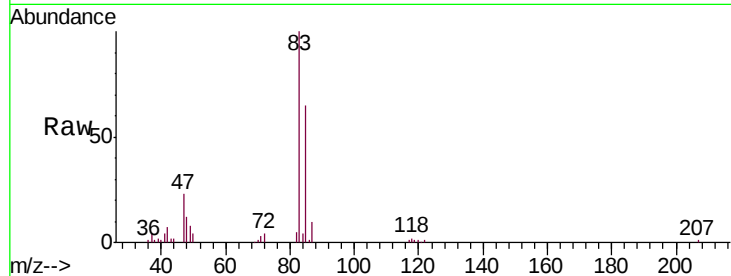
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	100774
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	0.0	128.4

Manual Integrations
APPROVED

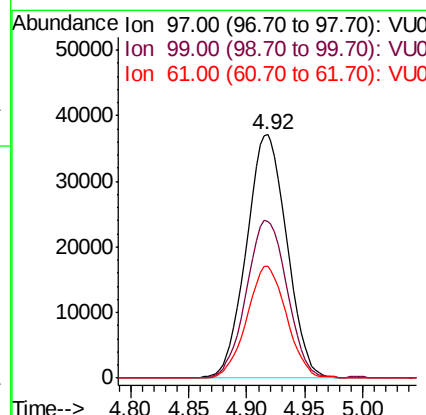
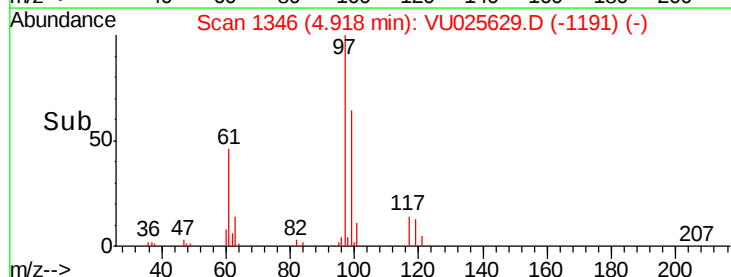
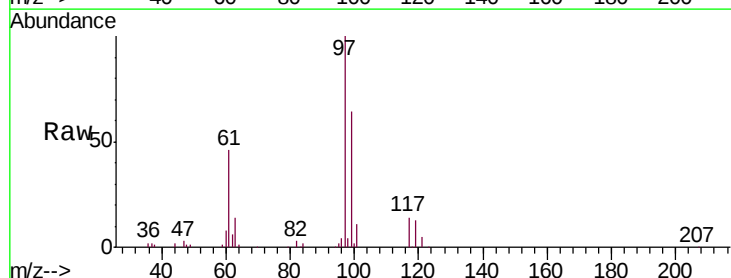
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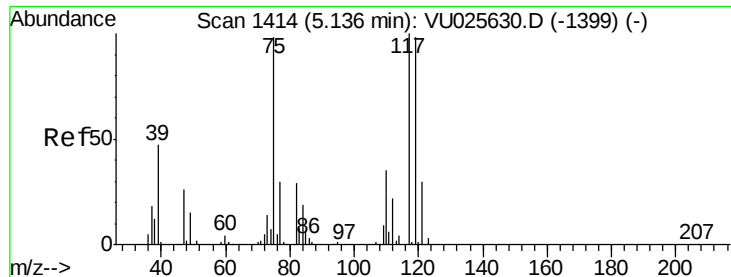
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#28
1,1,1-Trichloroethane
Concen: 6.219 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	97	Resp	89984
Ion Ratio	100	Lower	Upper
97	100		
99	65.3	32.3	96.9
61	45.2	23.2	69.5





#29
 1,1-Dichloropropene
 Concen: 5.379 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

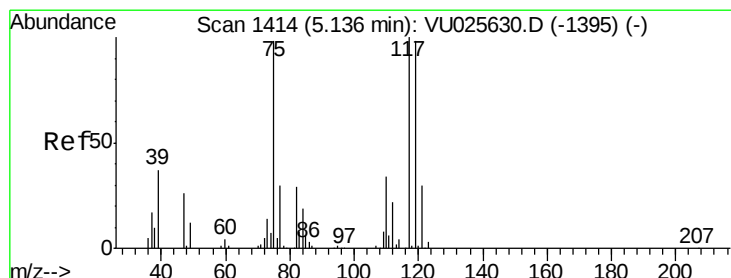
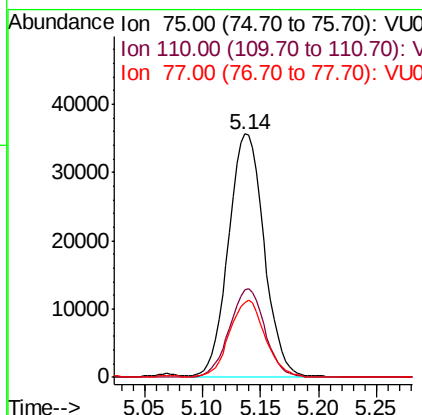
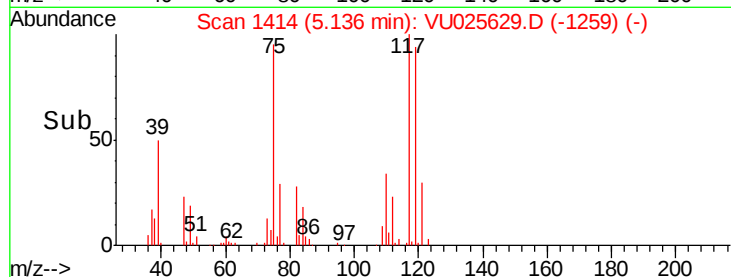
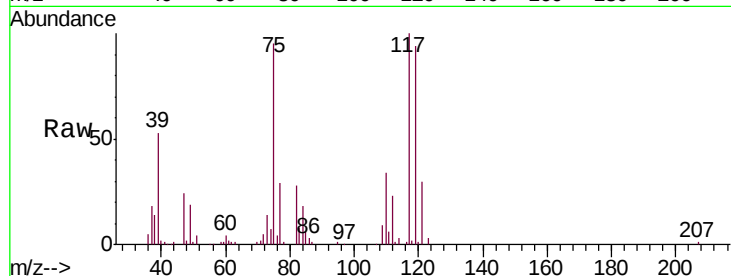
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	16.9	50.7
77	31.7	24.8	37.2

Manual Integrations
 APPROVED

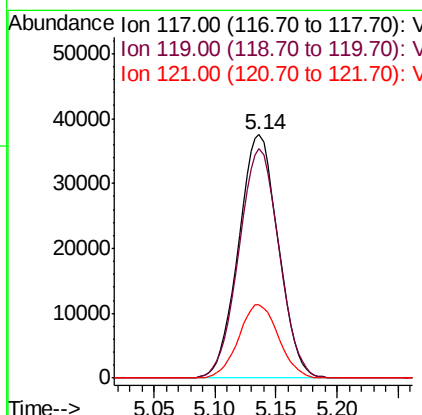
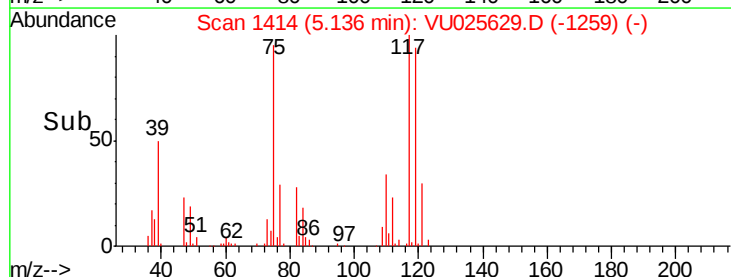
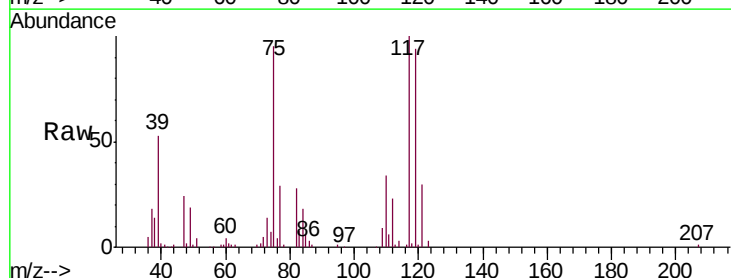
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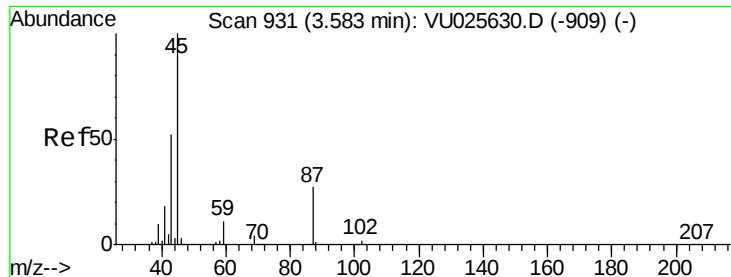
7/26/2018 4:26:27 PM



#30
 Carbon Tetrachloride
 Concen: 6.950 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.3	115.9
121	30.0	24.5	36.7





#31

Isopropyl Ether

Concen: 4.690 ug/l

RT: 3.58 min Scan# 931

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 45 Resp: 148285

Ion Ratio Lower Upper

45 100

43 52.7 24.0 72.0

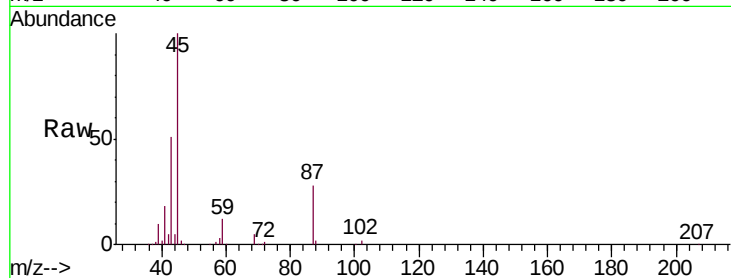
Manual Integrations

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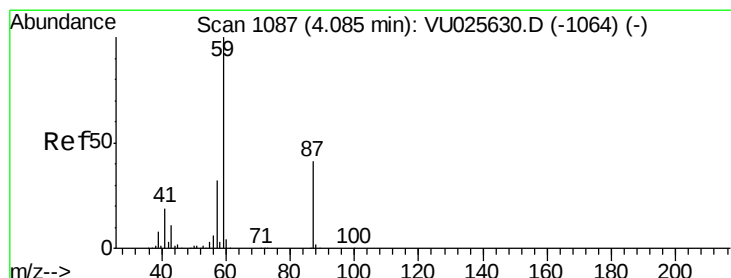
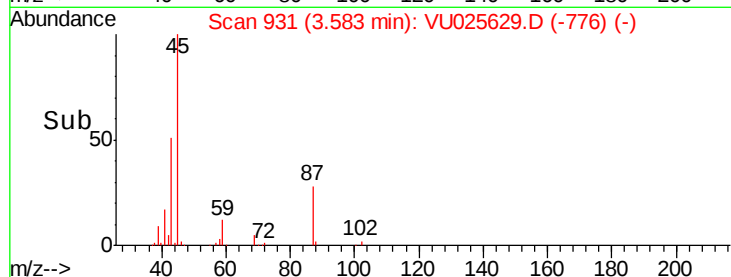
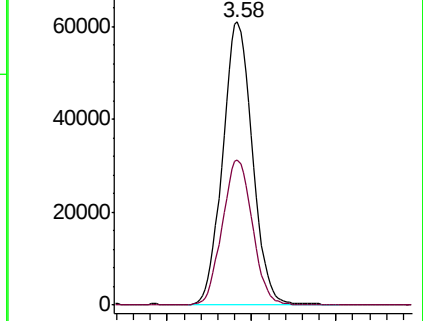
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Abundance Ion 45.00 (44.70 to 45.70): VU025630.D (-909) (-)

Ion 43.00 (42.70 to 43.70): VU025630.D (-909) (-)



#32

Ethyl-t-butyl ether

Concen: 5.131 ug/l

RT: 4.08 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VU025629.D

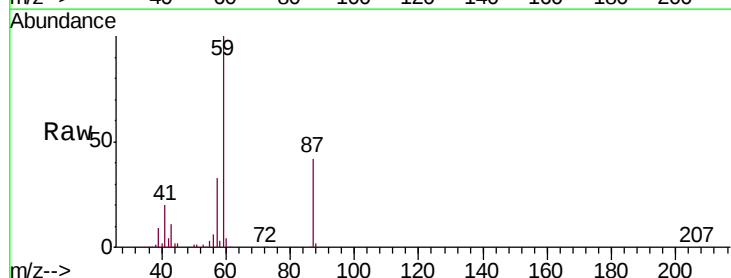
Acq: 25 Jul 2018 11:02

Tgt Ion: 59 Resp: 138627

Ion Ratio Lower Upper

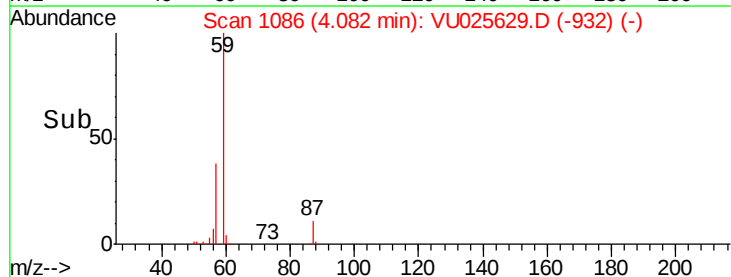
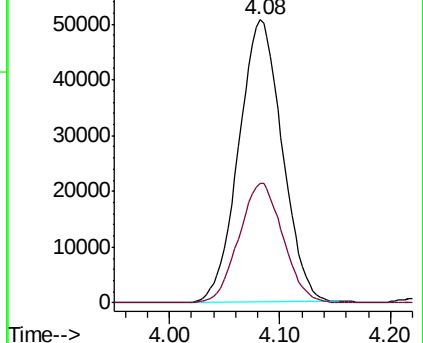
59 100

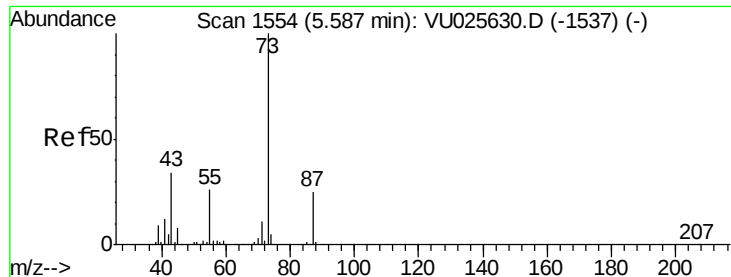
87 42.9 31.0 46.6



Abundance Ion 59.00 (58.70 to 59.70): VU025630.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VU025630.D (-1064) (-)





#33
Tert-Butyl methyl ether
Concen: 5.494 ug/l
RT: 5.59 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

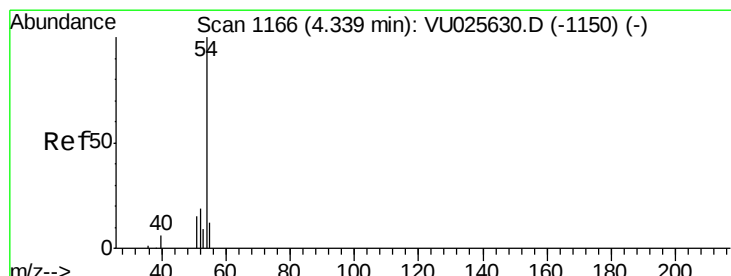
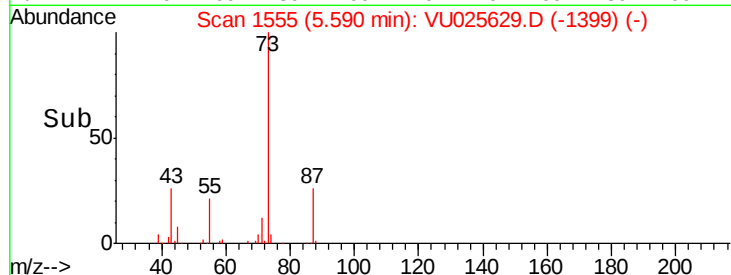
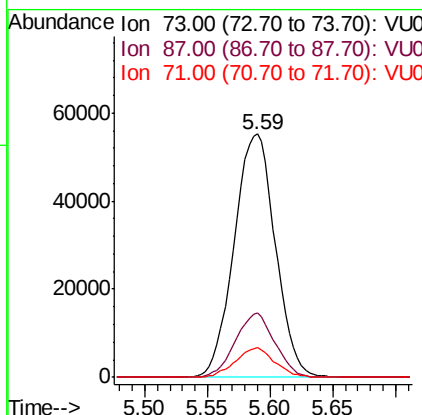
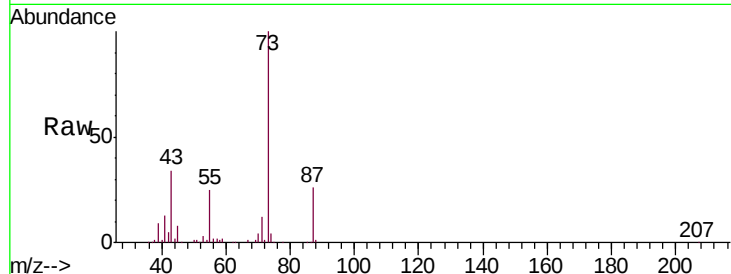
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.3	18.6	28.0
71	11.6	9.3	13.9

Manual Integrations
APPROVED

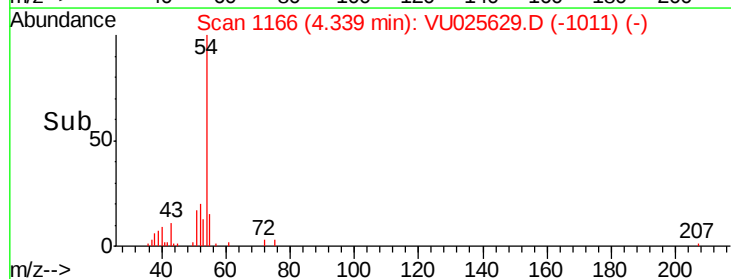
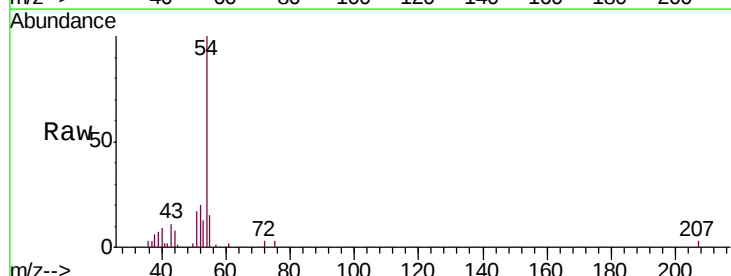
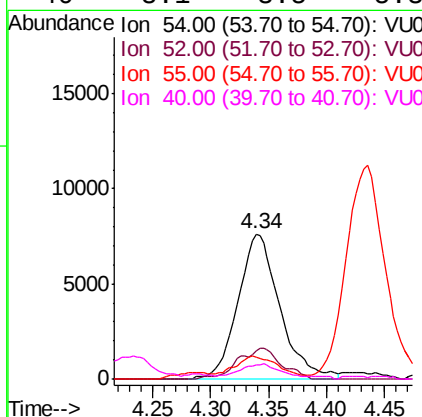
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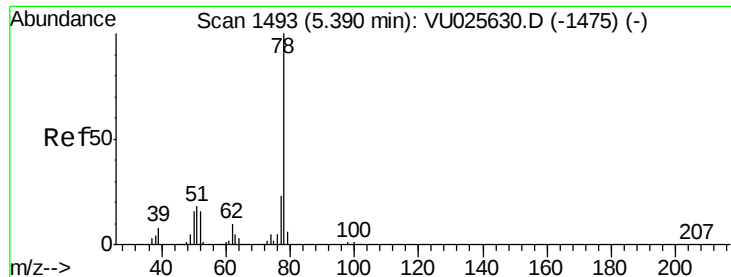
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#34
Propionitrile
Concen: 26.787 ug/l
RT: 4.34 min Scan# 1166
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
54	100		
52	21.6	13.7	20.5#
55	15.0	10.2	15.2
40	8.1	3.5	5.3#





#35

Benzene

Concen: 4.968 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 78 Resp: 209644

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

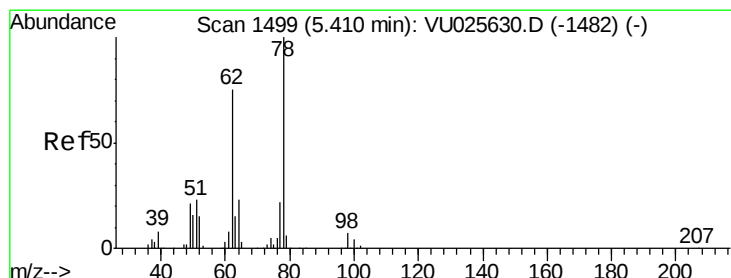
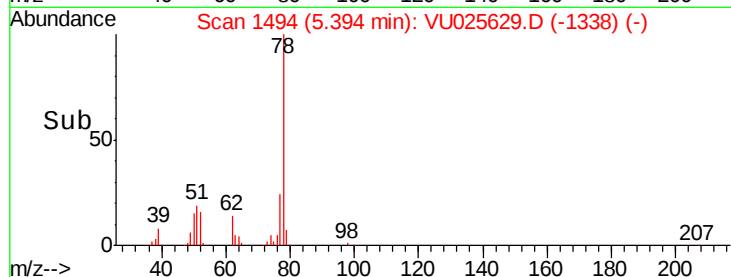
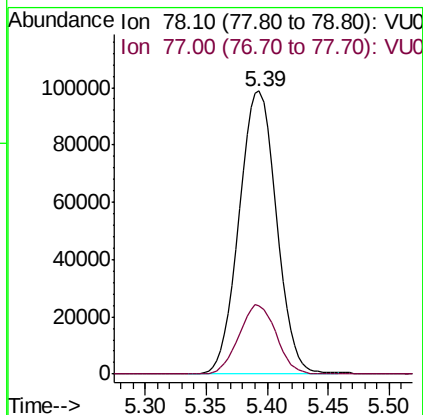
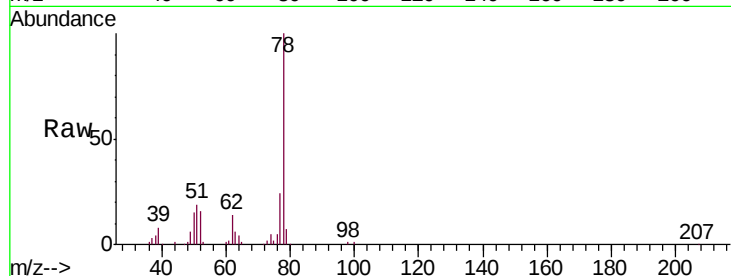
Manual Integrations

APPROVED

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#36

1,2-Dichloroethane

Concen: 5.476 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU025629.D

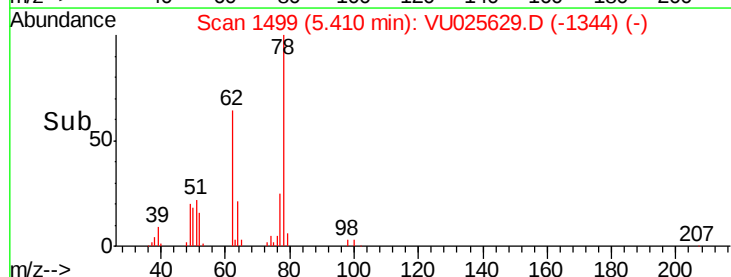
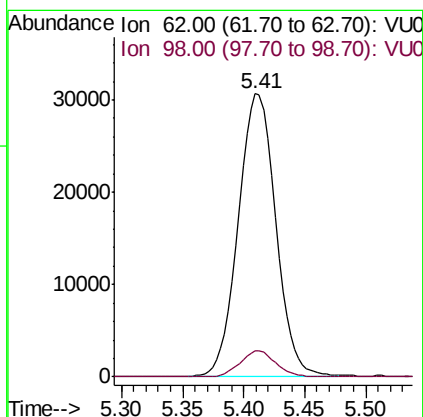
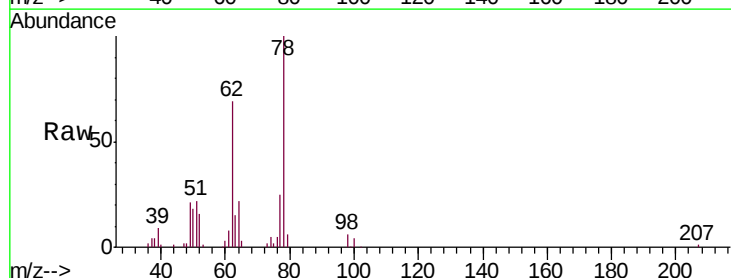
Acq: 25 Jul 2018 11:02

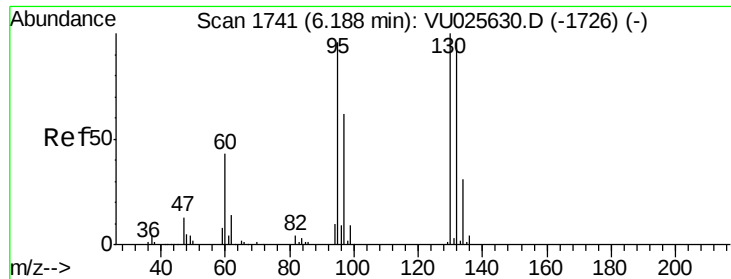
Tgt Ion: 62 Resp: 65355

Ion Ratio Lower Upper

62 100

98 8.6 7.2 10.8





#37
 Trichloroethene
 Concen: 5.436 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

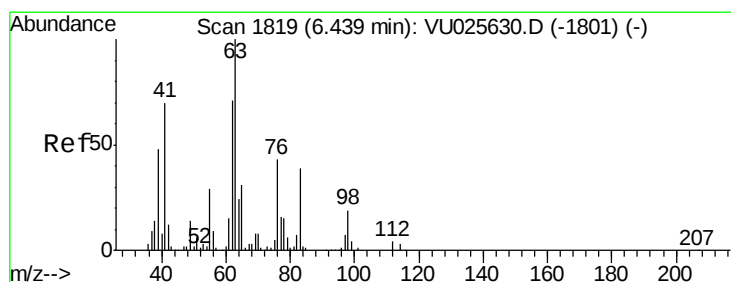
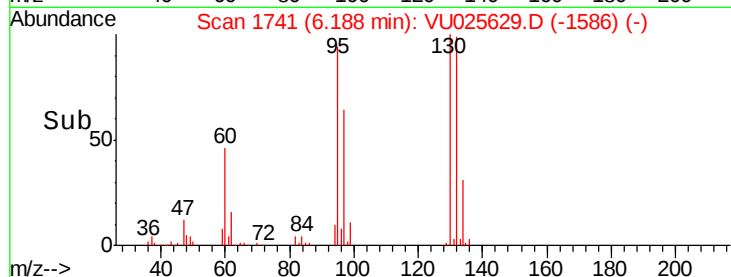
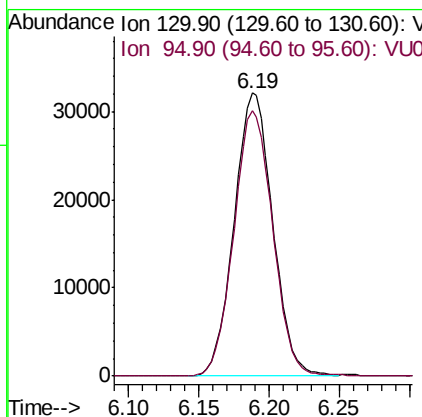
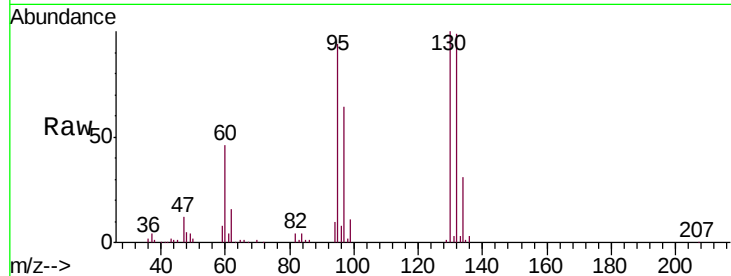
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 61575
 Ion Ratio Lower Upper
 130 100
 95 93.8 77.9 116.9

Manual Integrations
 APPROVED

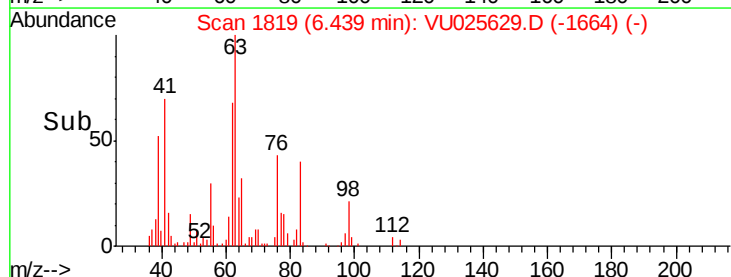
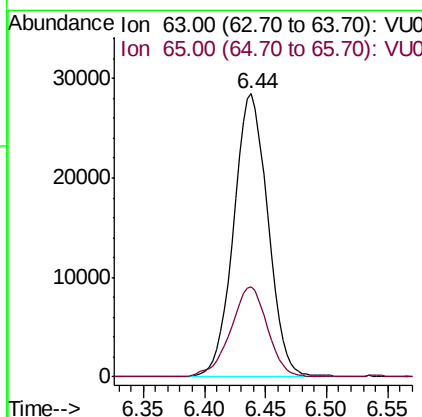
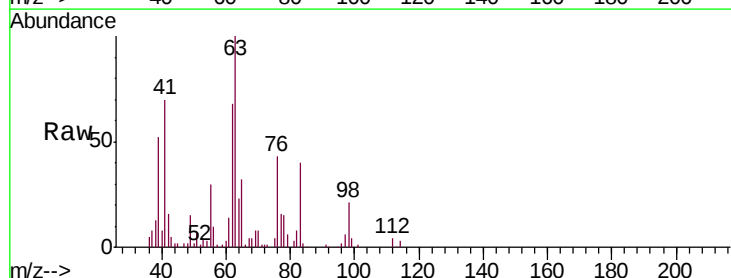
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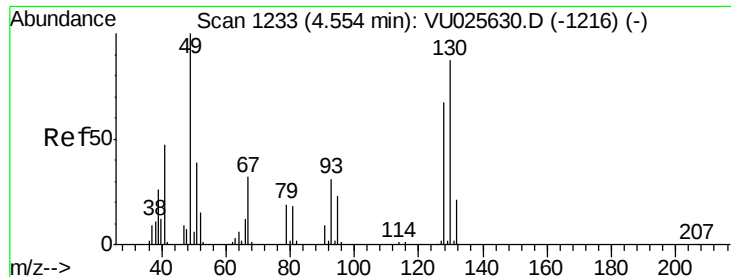
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#38
 1,2-Dichloropropane
 Concen: 4.783 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 63 Resp: 55352
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.8 38.8





#39
Methacrylonitrile
Concen: 4.814 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

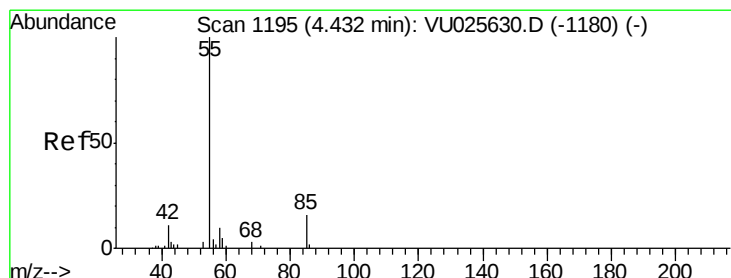
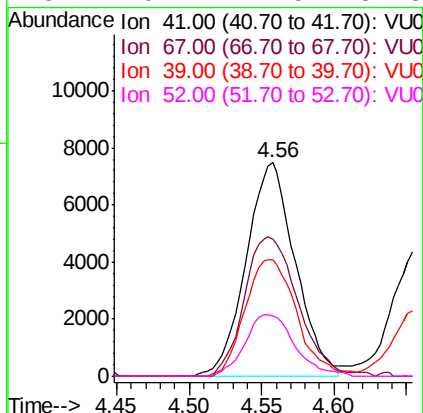
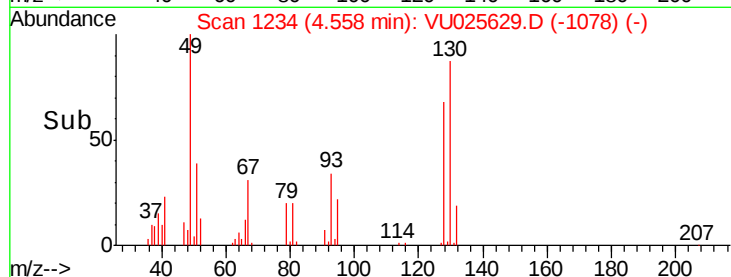
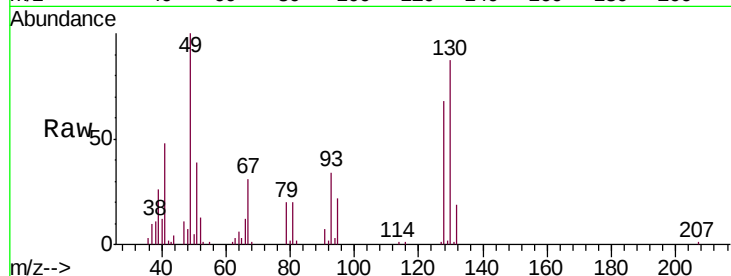
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
67	71.1	51.3	76.9
39	57.6	40.6	60.8
52	29.2	21.5	32.3

Manual Integrations
APPROVED

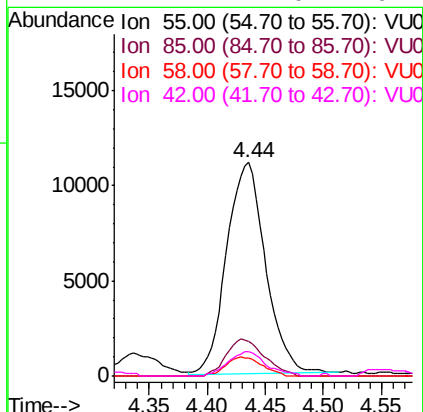
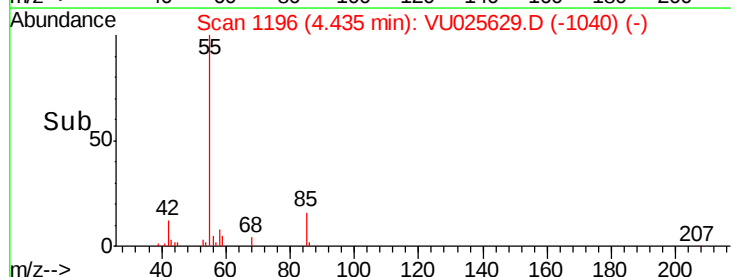
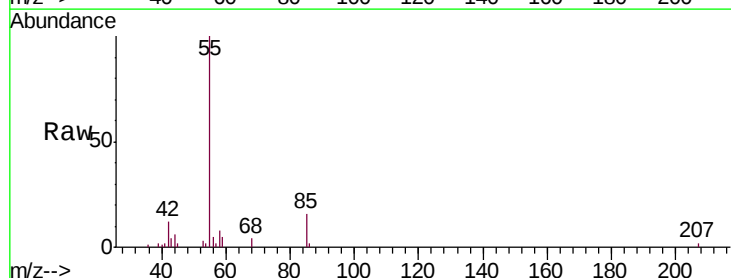
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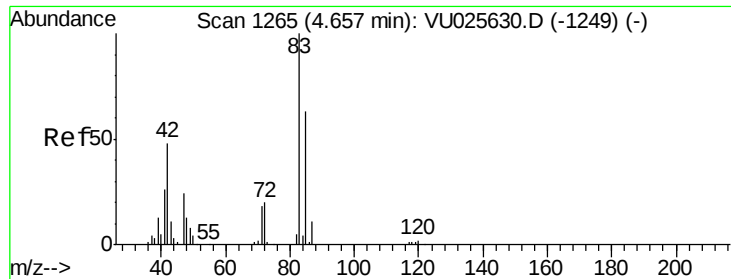
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#40
Methyl acrylate
Concen: 5.080 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.0	12.3	18.5
58	8.3	7.0	10.6
42	11.4	7.0	10.4#





#41
Tetrahydrofuran
Concen: 10.359 ug/l
RT: 4.66 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

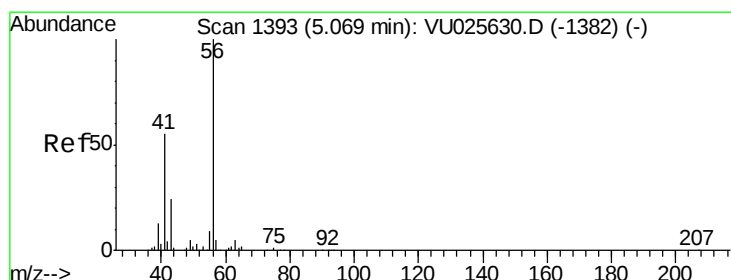
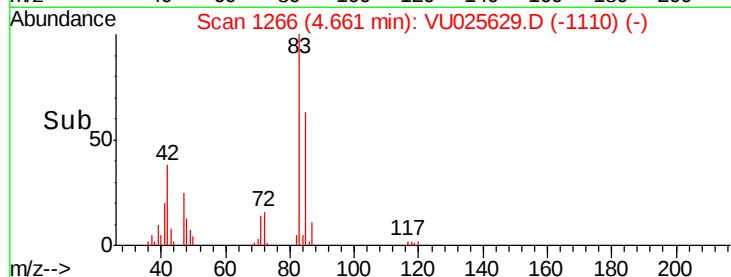
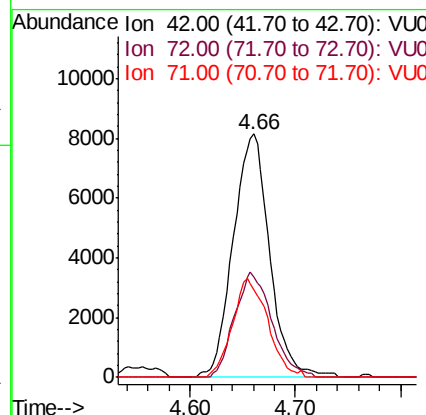
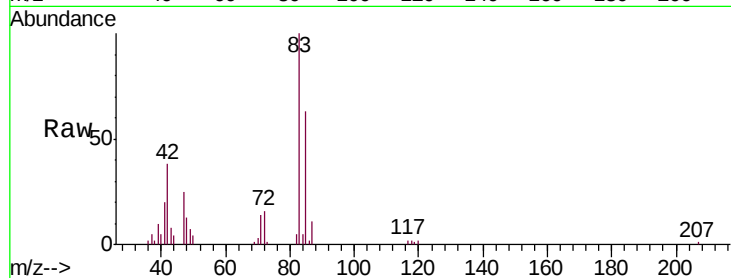
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	33.2	49.8
71	39.2	29.8	44.8

Manual Integrations
APPROVED

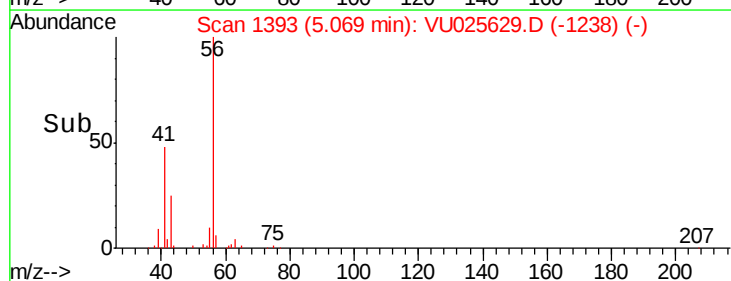
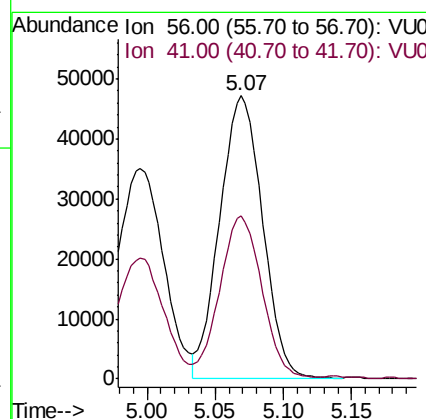
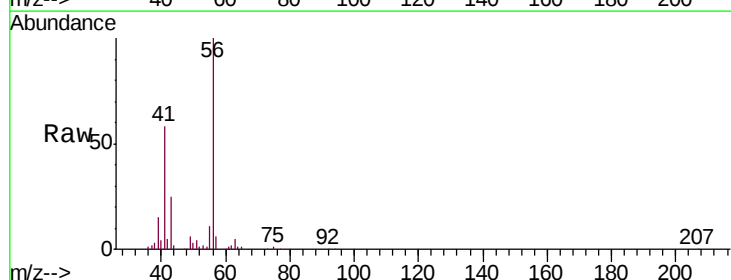
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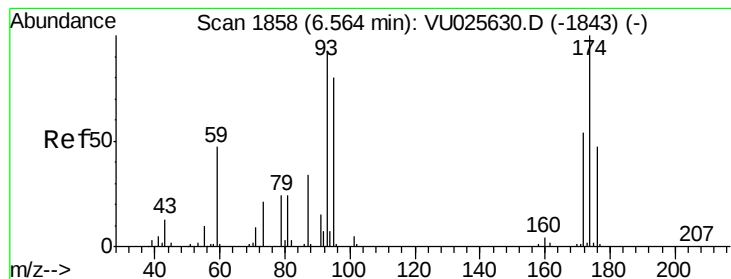
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#42
1-Chlorobutane
Concen: 4.978 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
56	100		
41	55.7	27.5	82.5





#43

Dibromomethane

Concen: 5.796 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

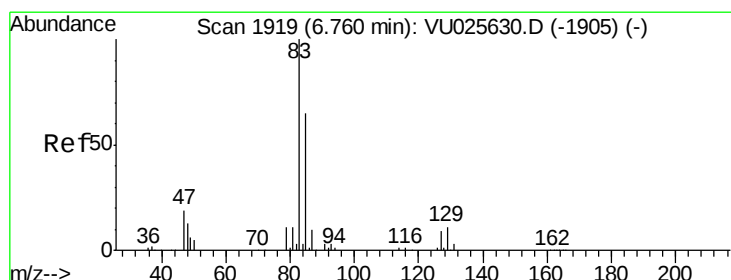
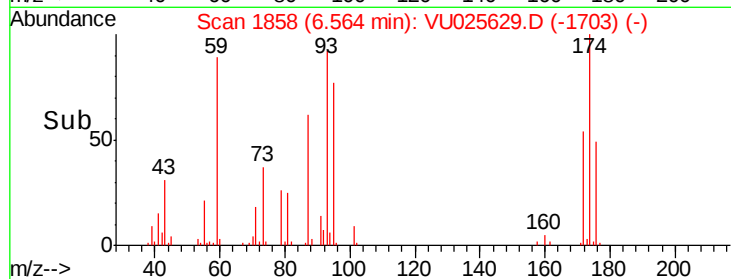
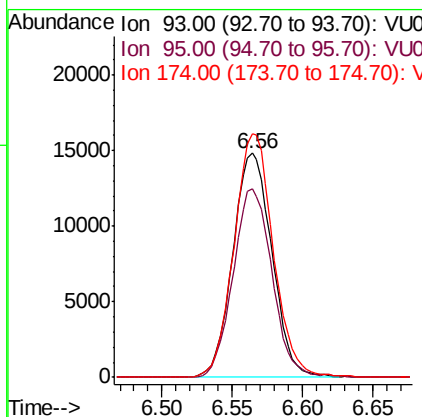
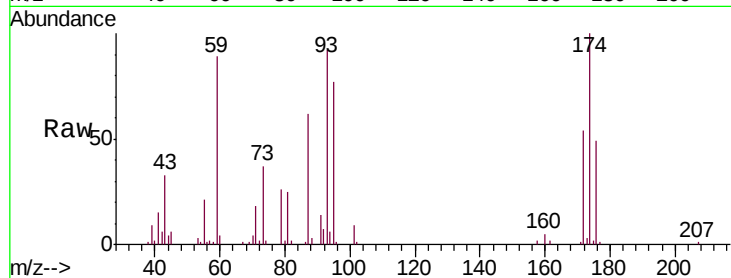
Tot Ion:	93	Resp:	28850
Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.2	100.8
174	108.8	82.8	124.2

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#44

Bromodichloromethane

Concen: 5.784 ug/l

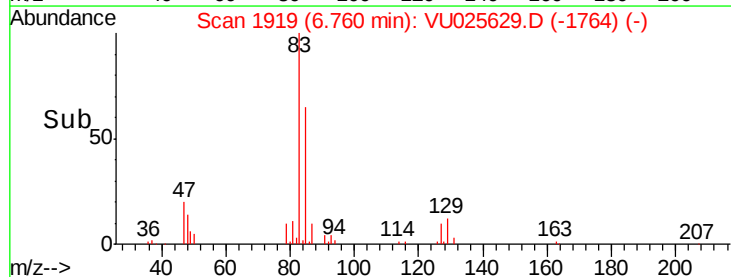
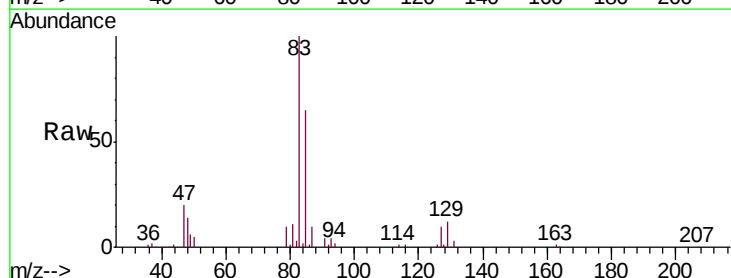
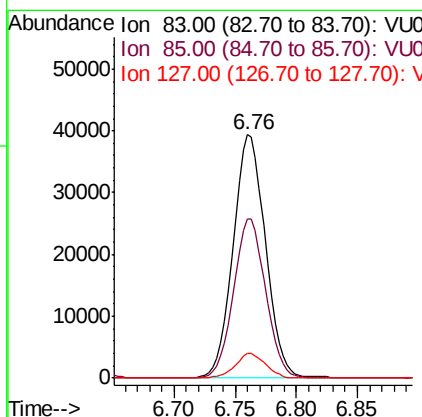
RT: 6.76 min Scan# 1919

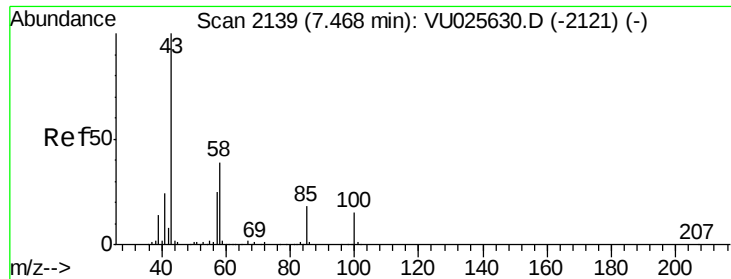
Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion:	83	Resp:	72347
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.2	78.4
127	10.0	7.0	10.4





#45
4-Methyl-2-Pentanone
Concen: 27.530 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

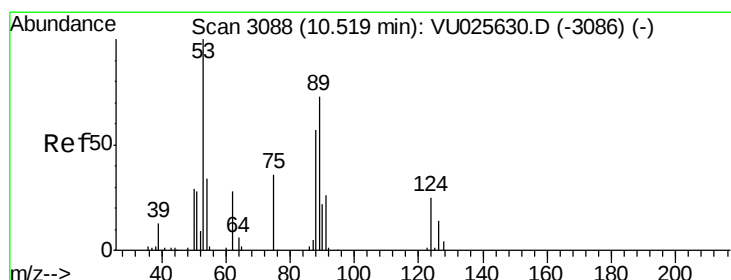
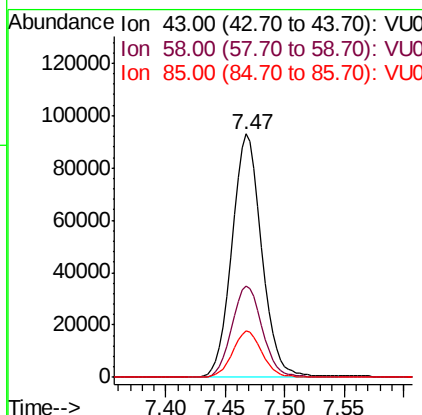
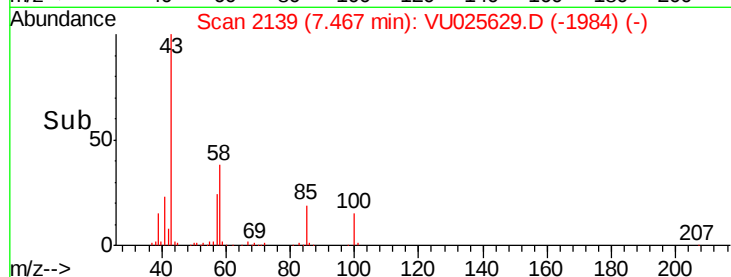
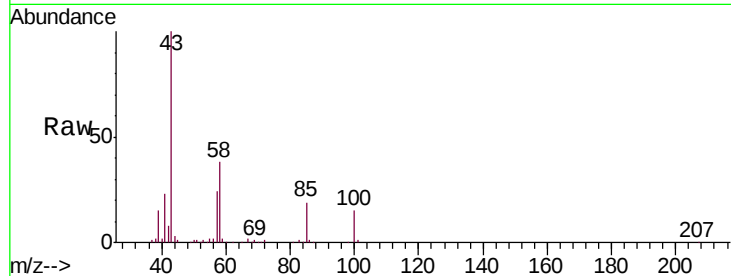
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	18.8	56.4
85	18.7	12.6	19.0

Manual Integrations
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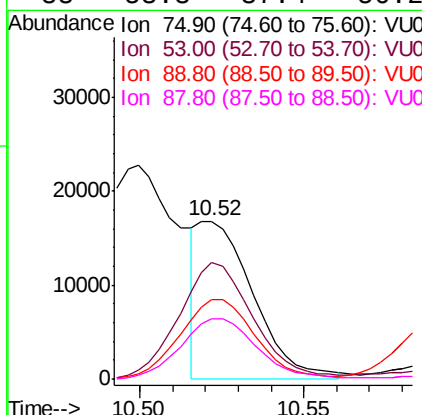
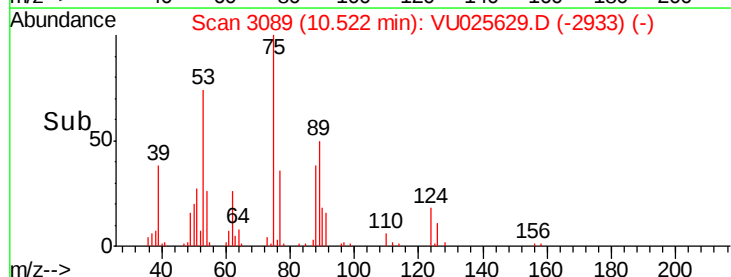
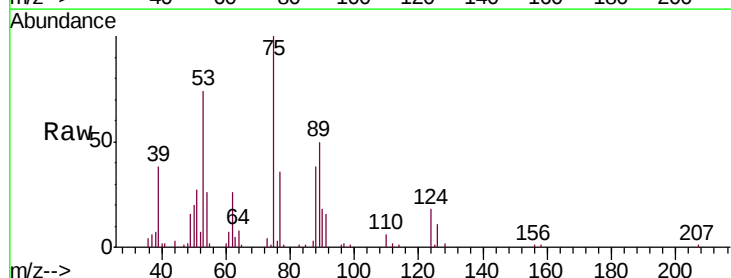
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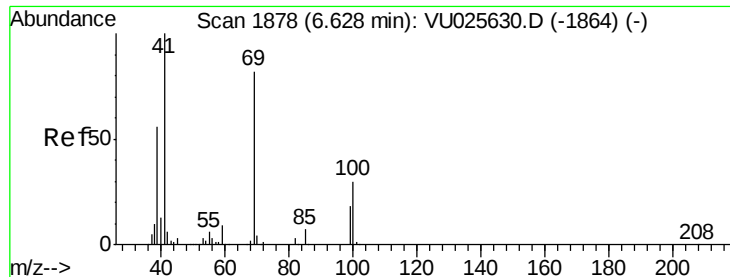
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#46
t-1,4-Dichloro-2-butene
Concen: 11.283 ug/l m
RT: 10.52 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.5	82.2	123.4
89	69.2	51.3	76.9
88	53.3	37.4	56.2





#47
Methyl methacrylate
Concen: 10.587 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

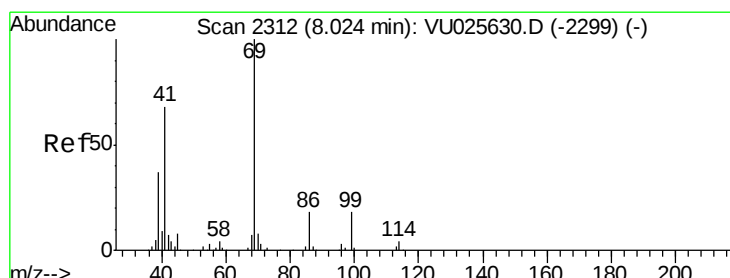
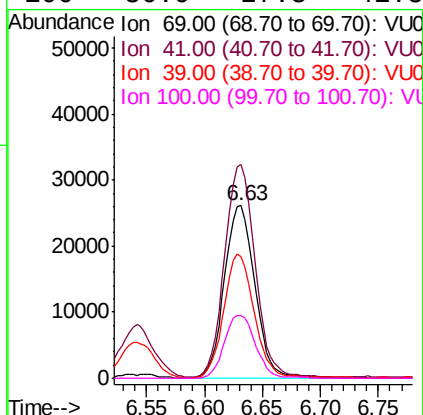
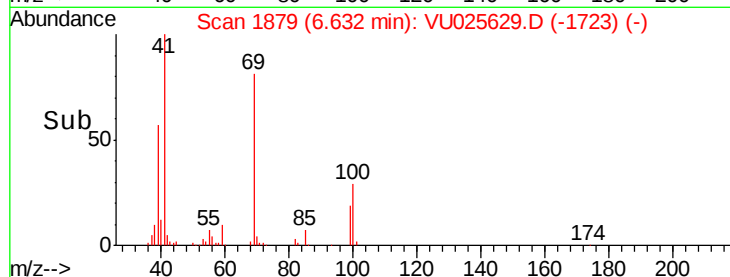
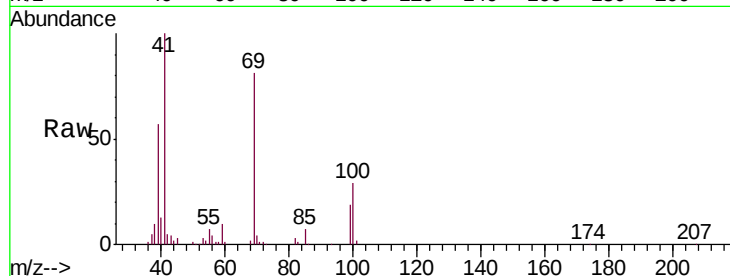
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
69	100		
41	122.3	0.0	245.4
39	71.6	49.0	73.4
100	36.9	27.8	41.8

Manual Integrations
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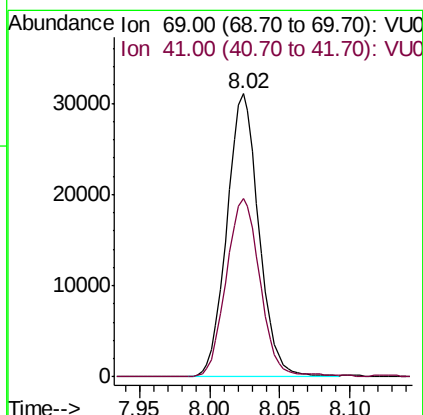
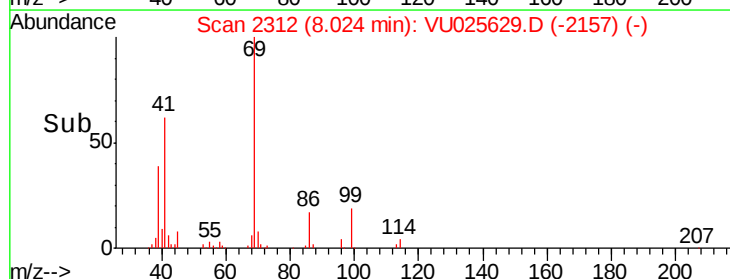
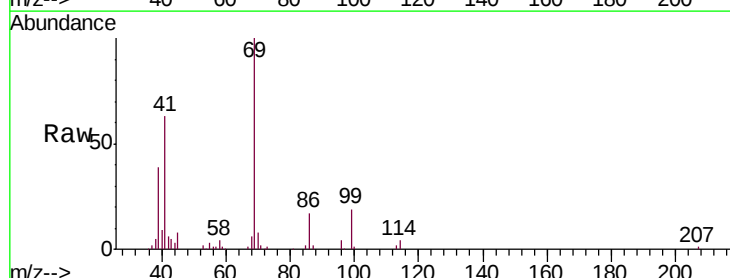
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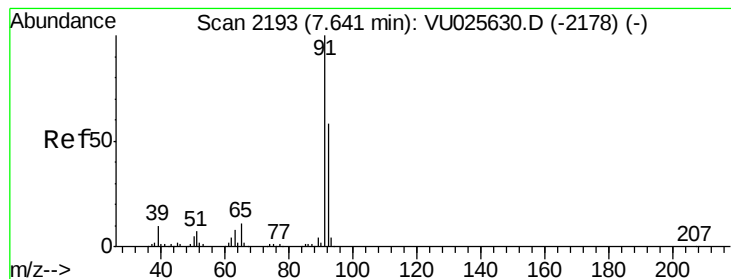
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#48
Ethyl methacrylate
Concen: 6.250 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	34.2	102.5





#49

Toluene

Concen: 5.363 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 92 Resp: 130722

Ion Ratio Lower Upper

92 100

91 175.4 137.1 205.7

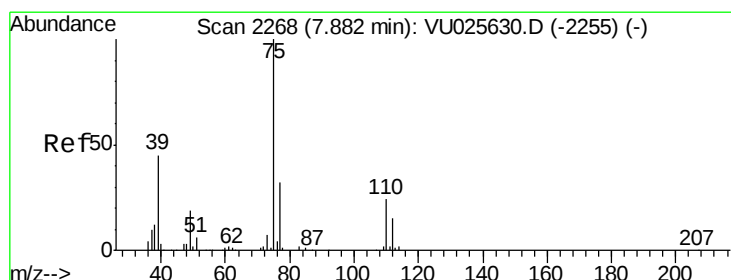
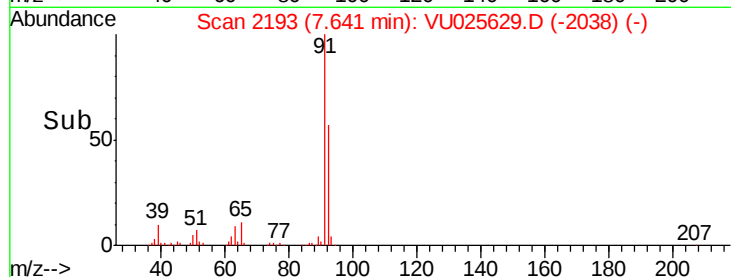
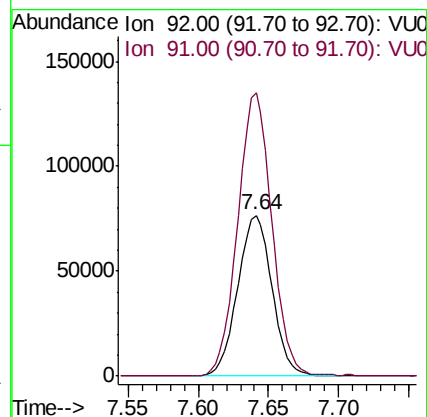
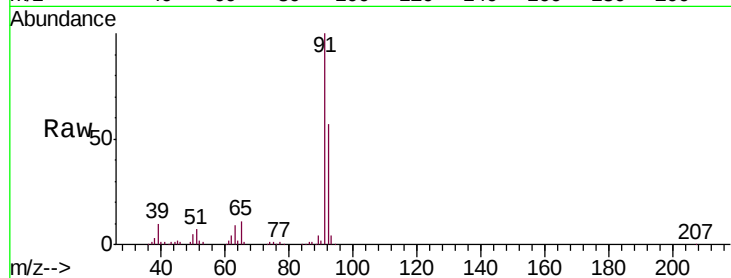
Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 6.258 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025629.D

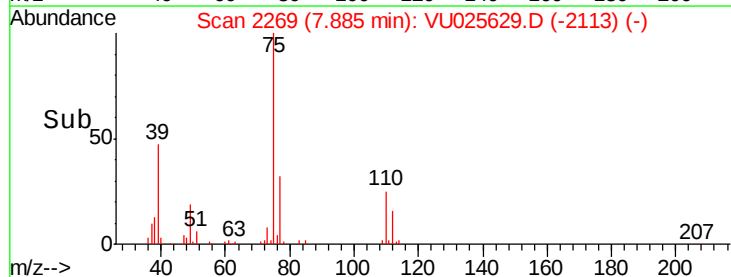
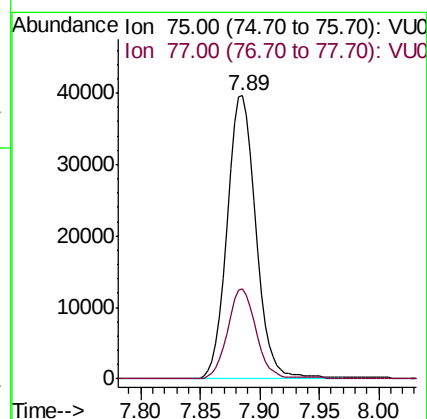
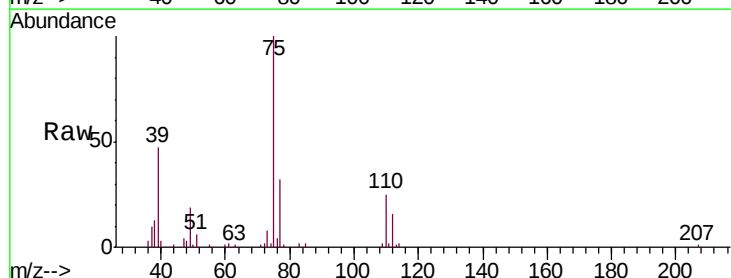
Acq: 25 Jul 2018 11:02

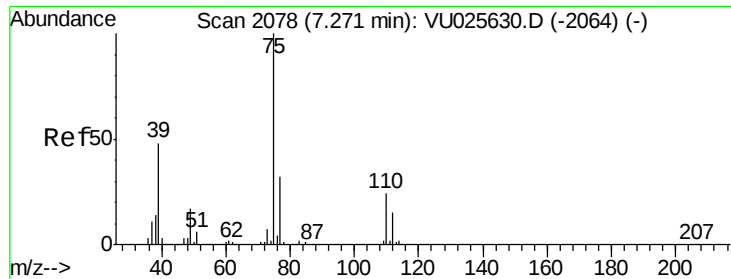
Tgt Ion: 75 Resp: 66814

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8





#51
 cis-1,3-Dichloropropene
 Concen: 5.663 ug/l
 RT: 7.27 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

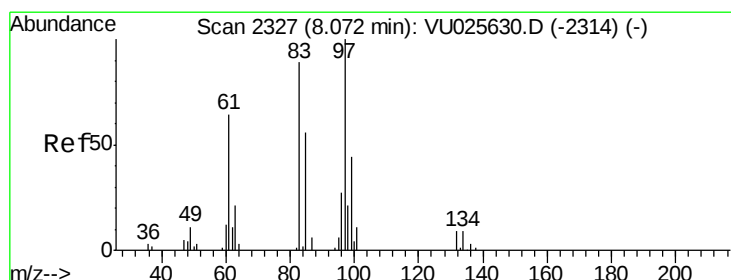
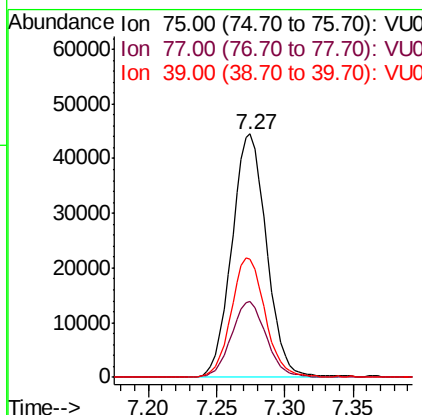
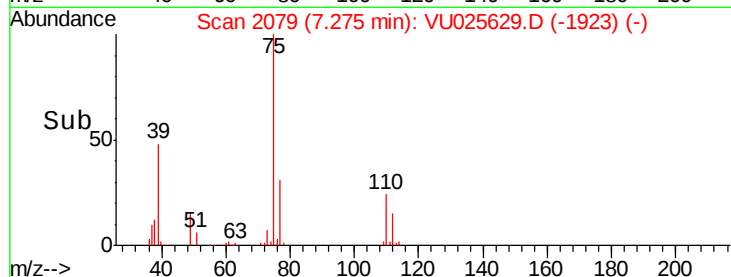
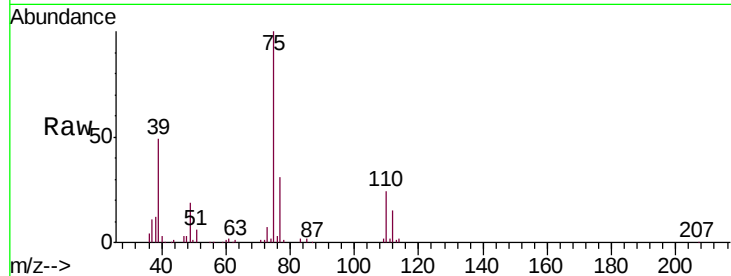
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.2	37.8
39	48.7	36.4	54.6

Manual Integrations
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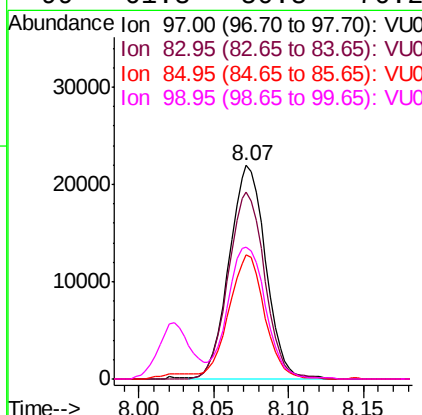
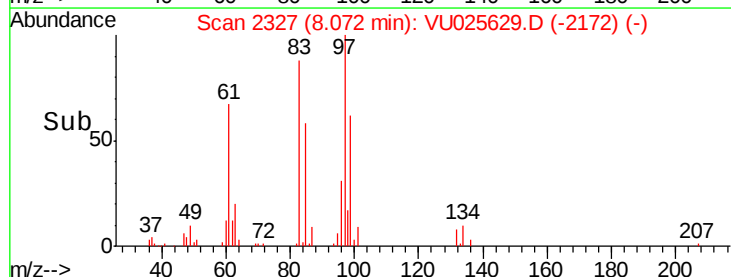
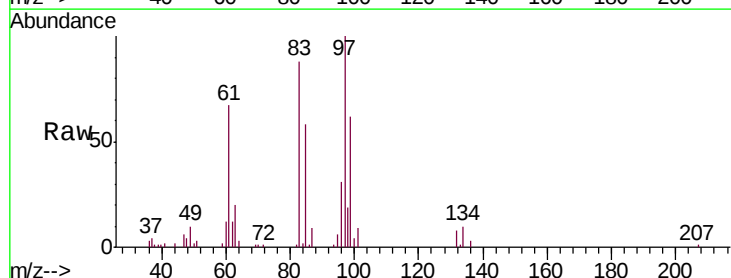
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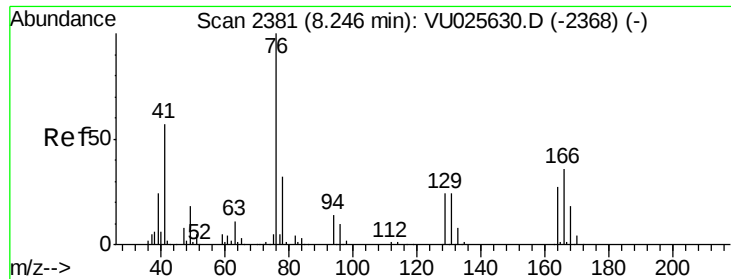
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#52
 1,1,2-Trichloroethane
 Concen: 5.269 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.6	109.0
85	58.4	47.2	70.8
99	61.8	50.8	76.2





#53
 1,3-Dichloropropane
 Concen: 5.245 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

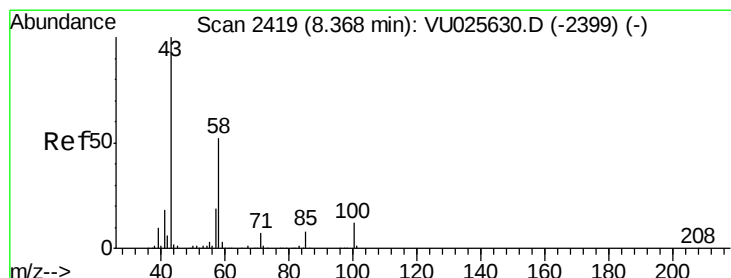
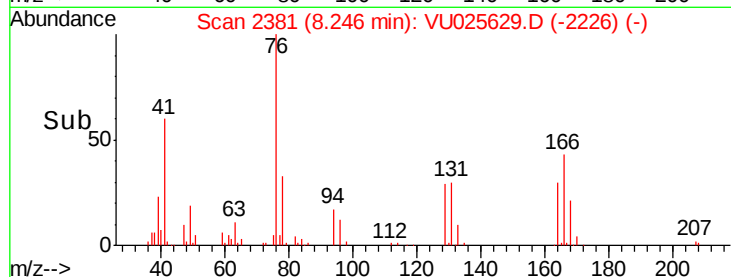
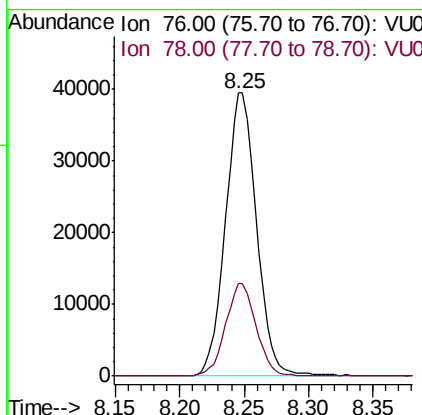
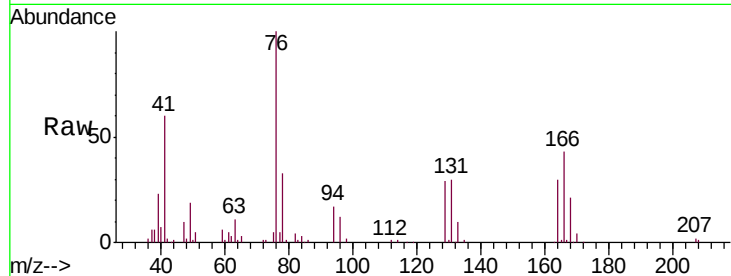
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 66047
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

Manual Integrations
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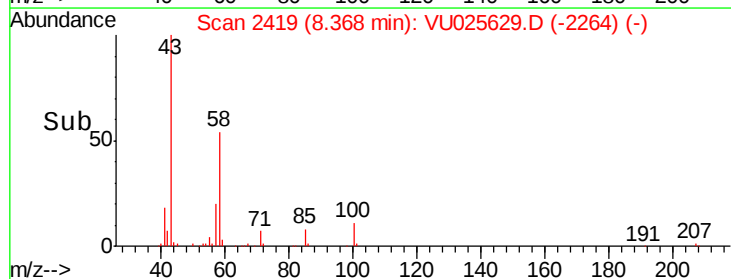
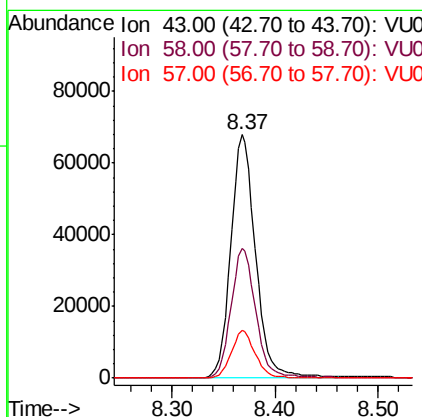
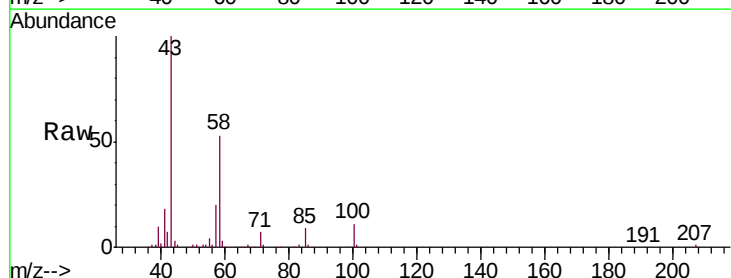
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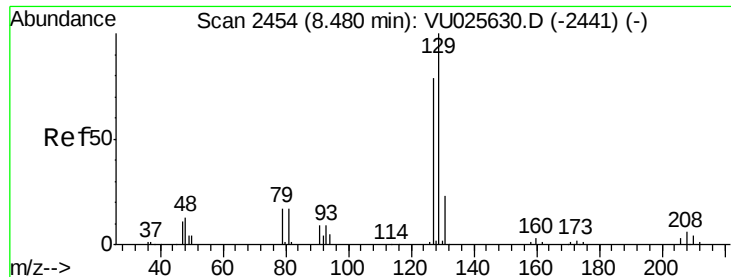
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#54
 2-Hexanone
 Concen: 28.460 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion: 43 Resp: 114061
 Ion Ratio Lower Upper
 43 100
 58 53.3 32.5 72.5
 57 18.6 0.0 37.9





#55
 Dibromochloromethane
 Concen: 6.362 ug/l
 RT: 8.48 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

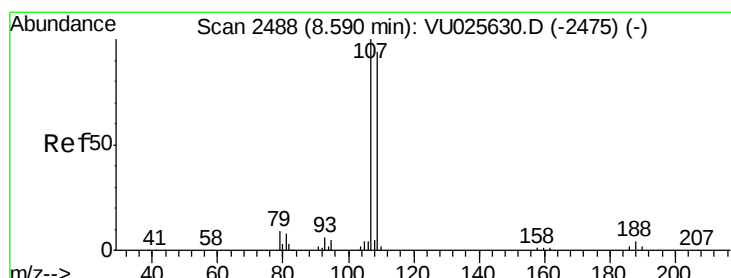
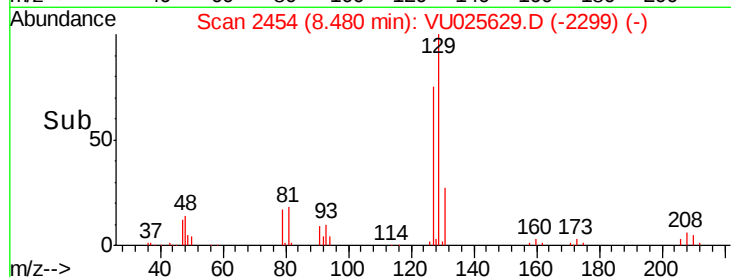
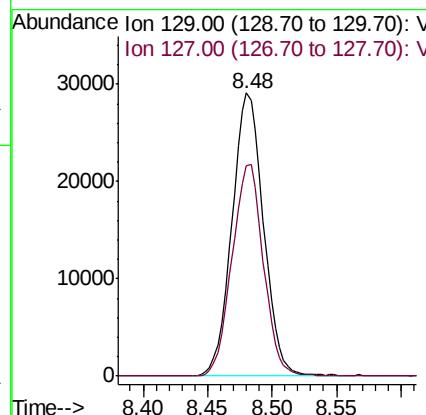
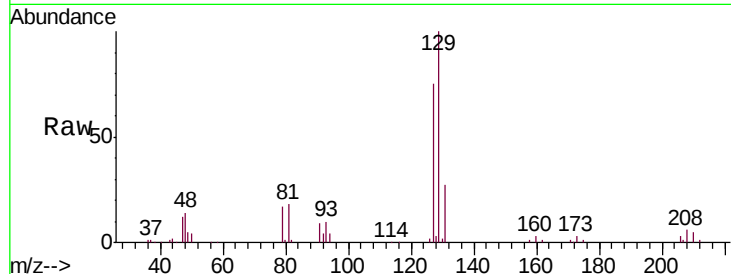
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		49372		
127	74.4	61.1	91.7		

Manual Integrations
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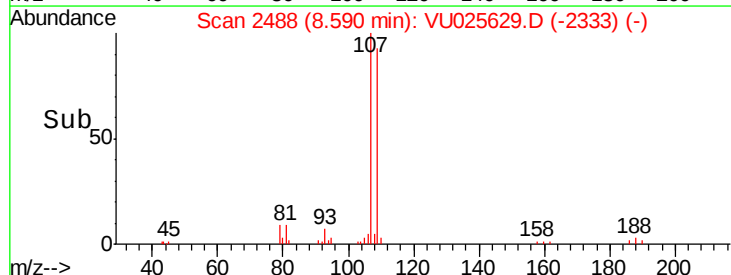
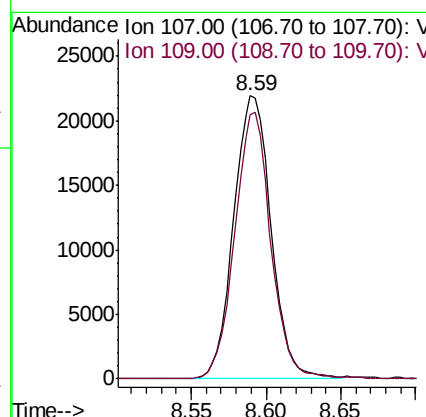
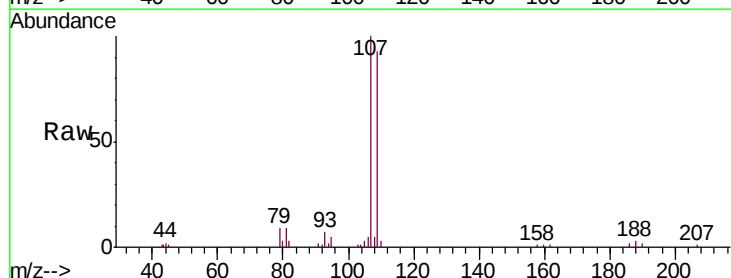
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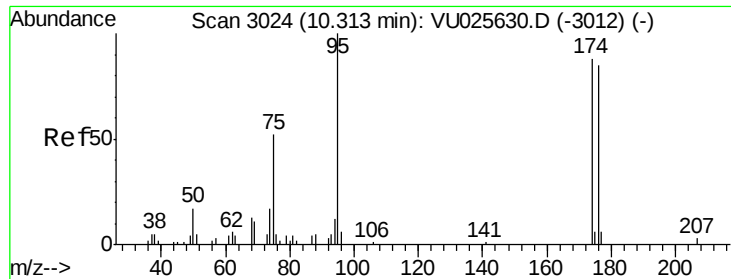
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#56
 1,2-Dibromoethane
 Concen: 6.260 ug/l
 RT: 8.59 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		38205		
109	90.7	0.0	189.0		





#57

4-Bromofluorobenzene

Concen: 6.260 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

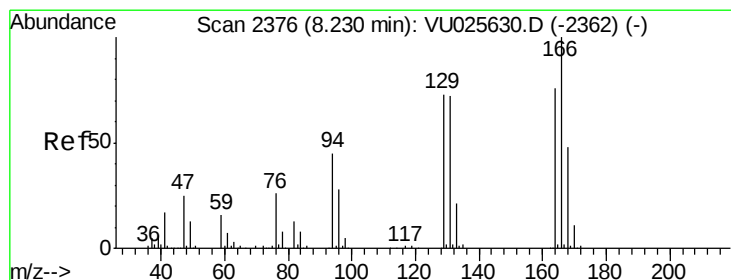
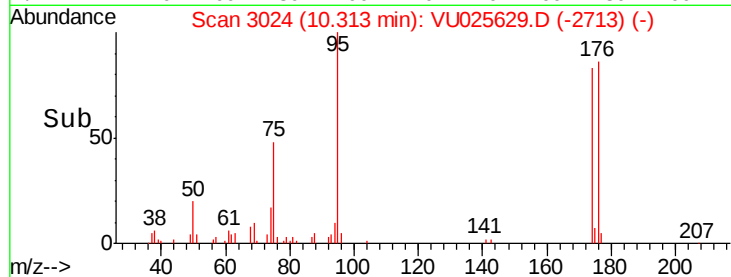
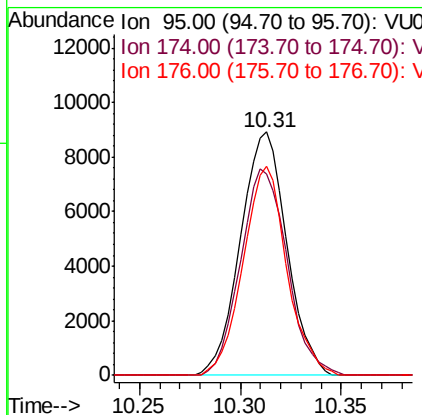
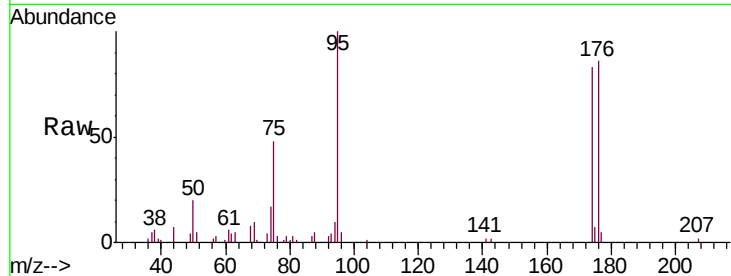
Tot Ion:	95	Resp:	14368
Ion	Ratio	Lower	Upper
95	100		
174	85.5	65.6	98.4
176	81.0	62.0	93.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 5.519 ug/l

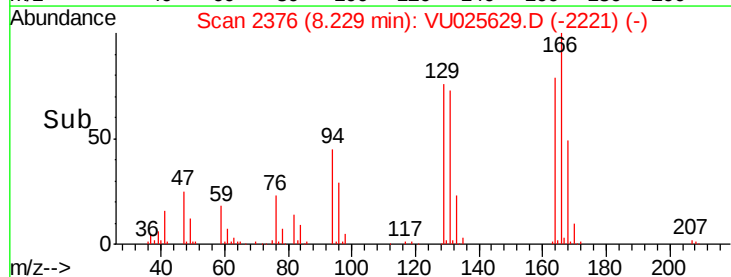
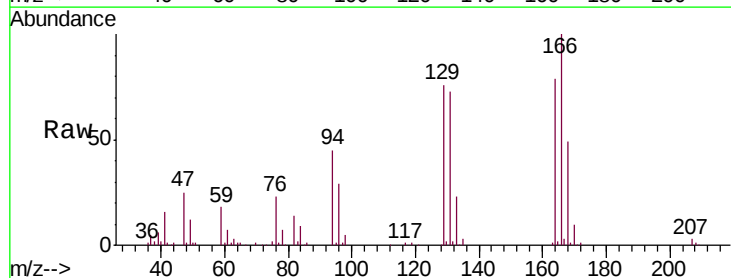
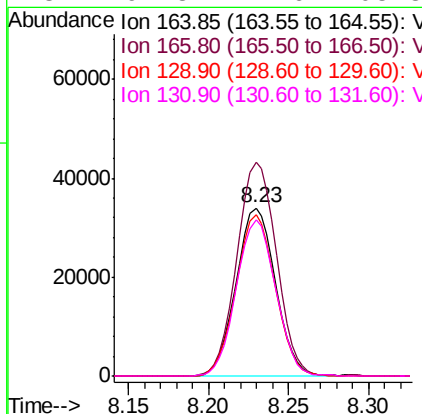
RT: 8.23 min Scan# 2376

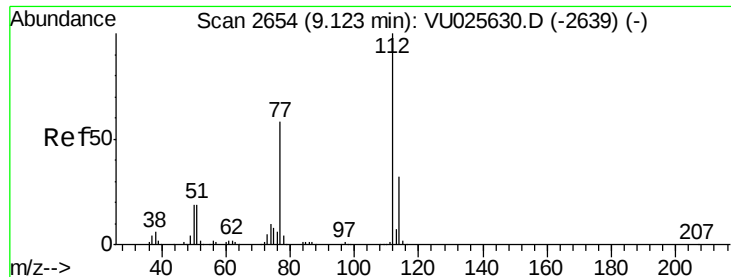
Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion:	164	Resp:	57006
Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.1	156.1
129	96.2	76.8	115.2
131	92.8	72.6	108.8





#59
Chlorobenzene
Concen: 5.703 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

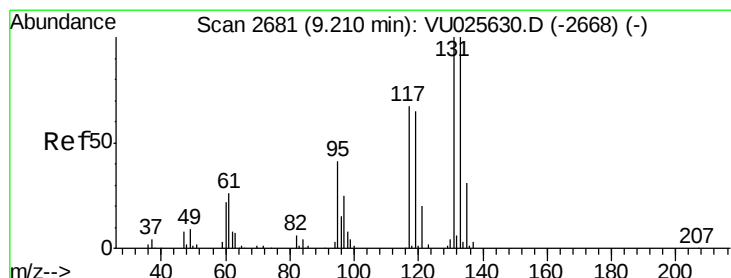
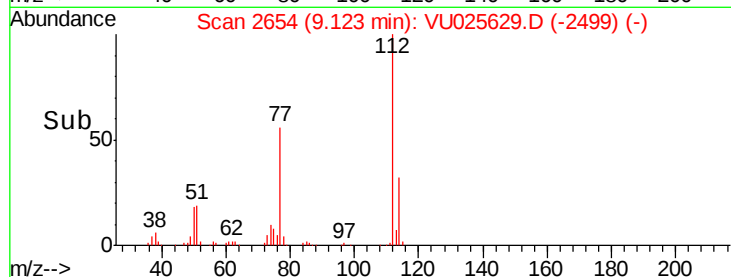
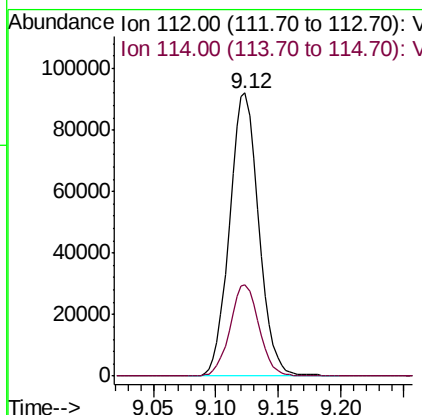
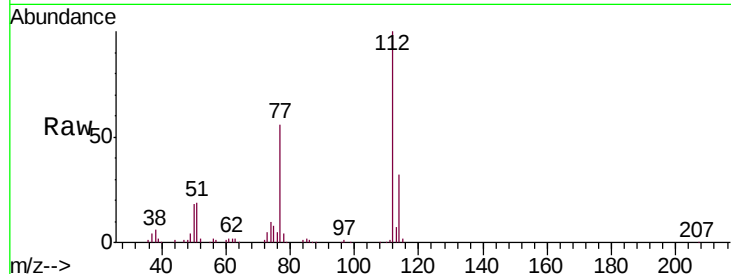
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.2

Manual Integrations
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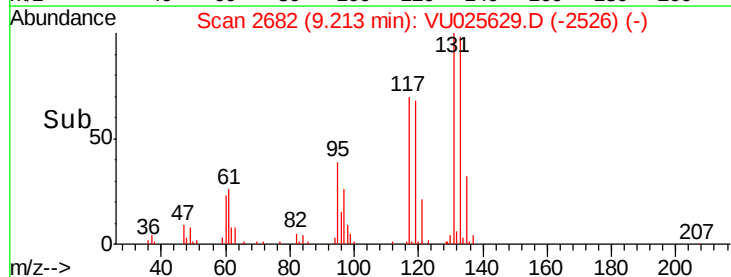
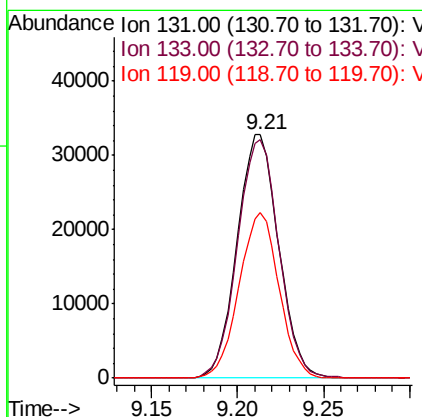
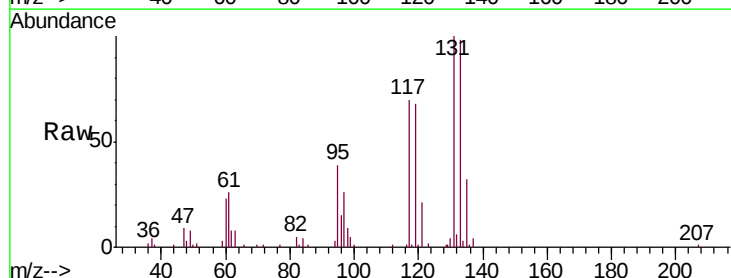
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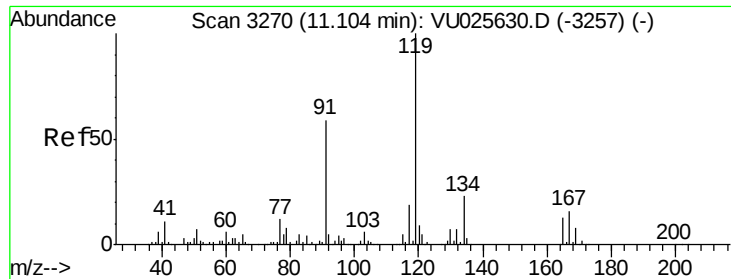
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#60
1,1,1,2-Tetrachloroethane
Concen: 6.210 ug/l
RT: 9.21 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	75.8	113.8
119	65.3	53.0	79.6





#61
 Pentachloroethane
 Concen: 6.648 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

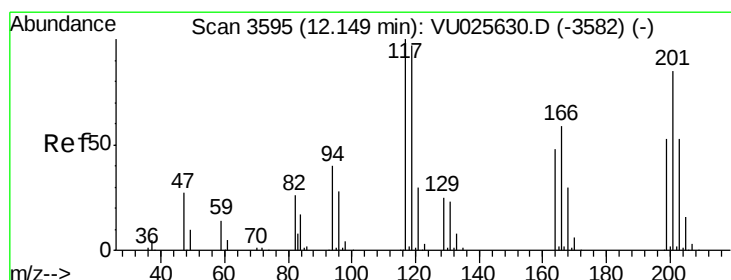
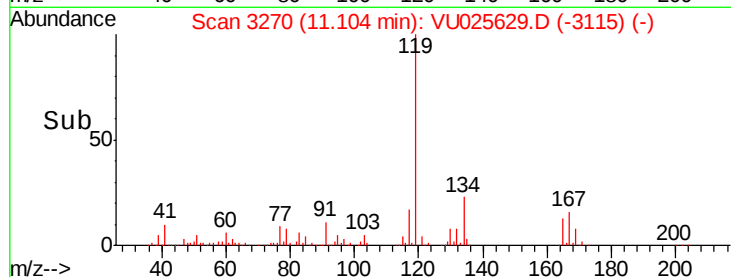
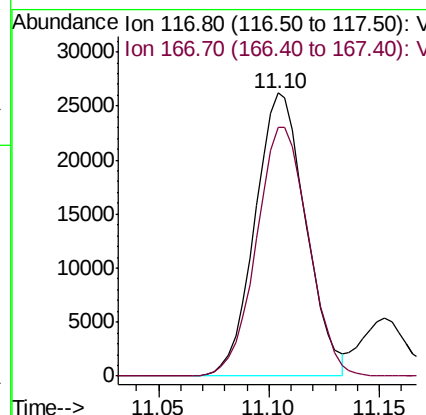
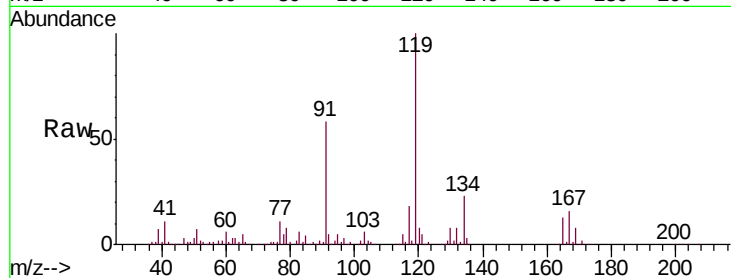
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:117 Resp: 41818
 Ion Ratio Lower Upper
 117 100
 167 90.0 69.2 103.8

Manual Integrations
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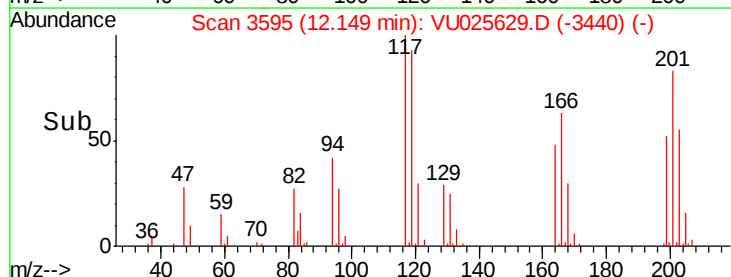
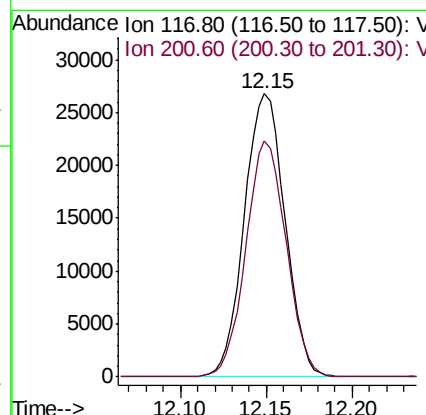
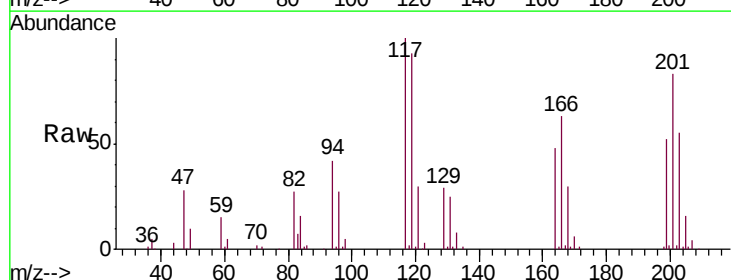
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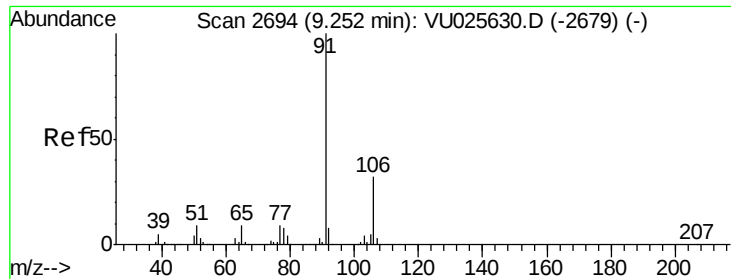
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#62
 Hexachloroethane
 Concen: 7.289 ug/l
 RT: 12.15 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion:117 Resp: 44005
 Ion Ratio Lower Upper
 117 100
 201 82.6 68.7 103.1





#63
Ethyl Benzene
Concen: 5.870 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

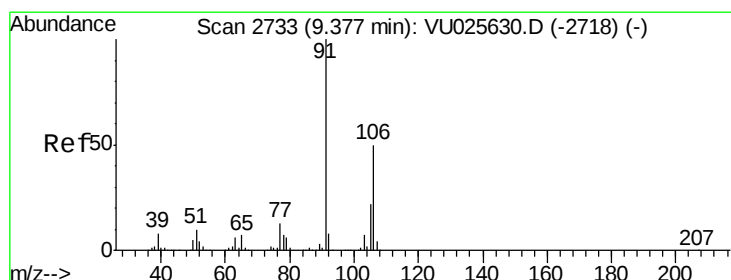
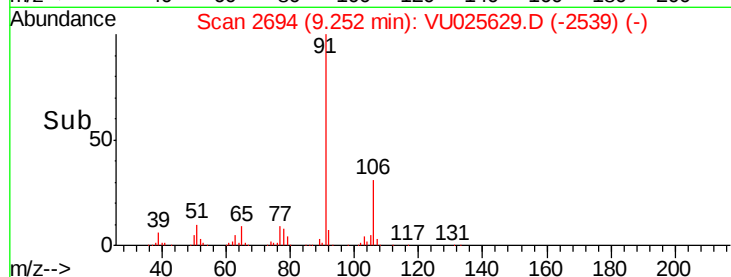
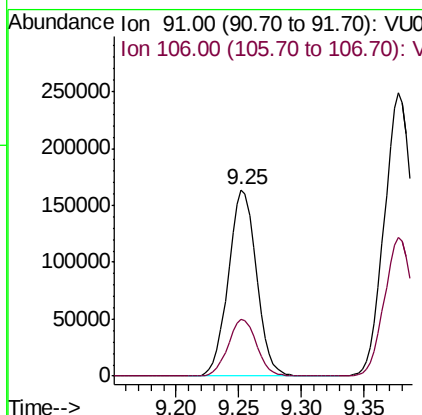
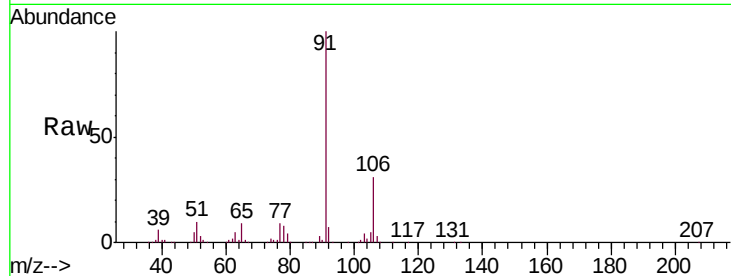
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 254565
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

Manual Integrations
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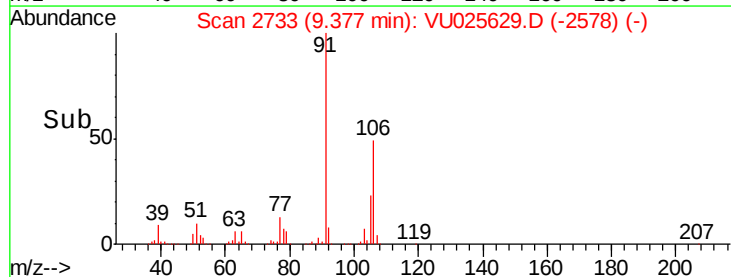
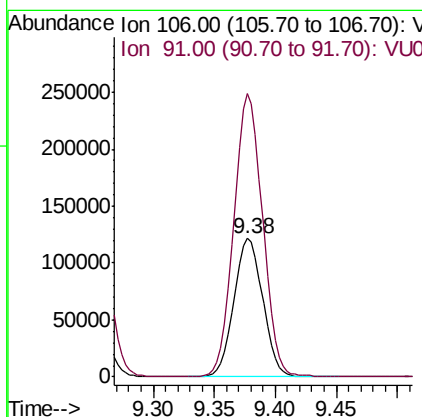
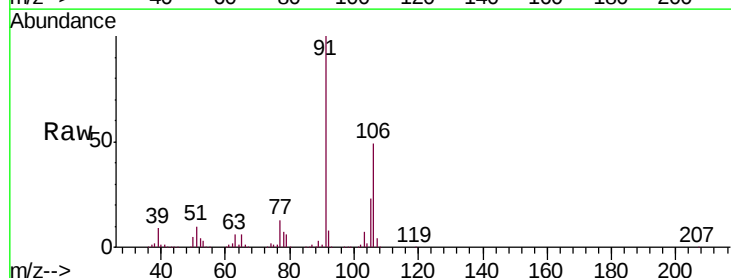
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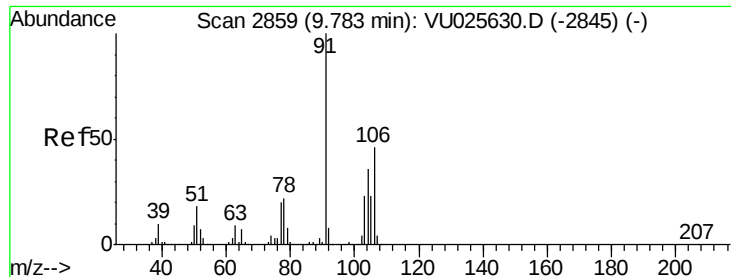
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#64
m/p-Xylenes
Concen: 11.956 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion: 106 Resp: 199971
Ion Ratio Lower Upper
106 100
91 203.3 164.1 246.1





#65
o-Xylene
Concen: 5.862 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

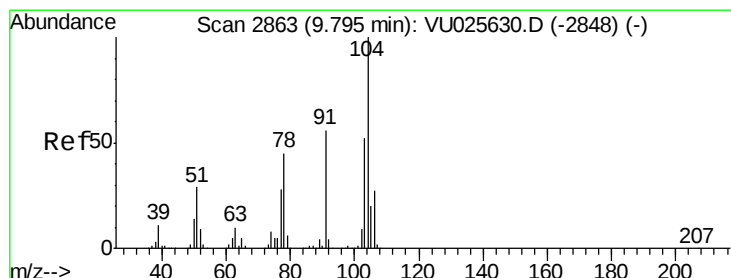
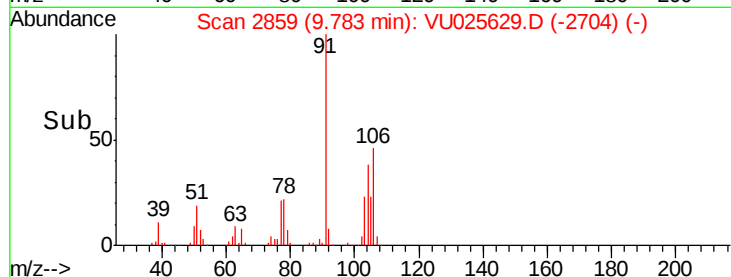
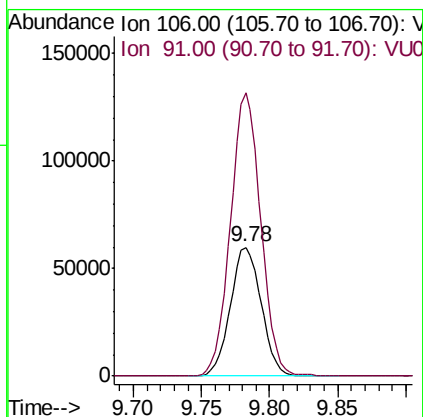
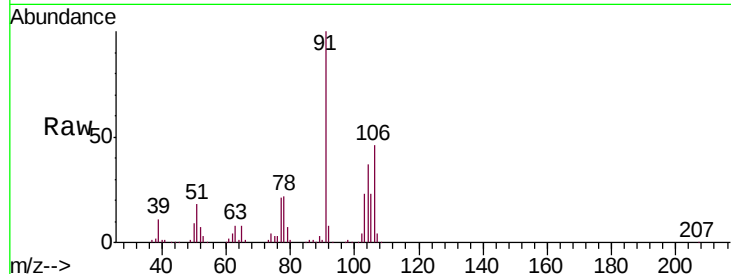
Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.4	107.9	323.7

Manual Integrations
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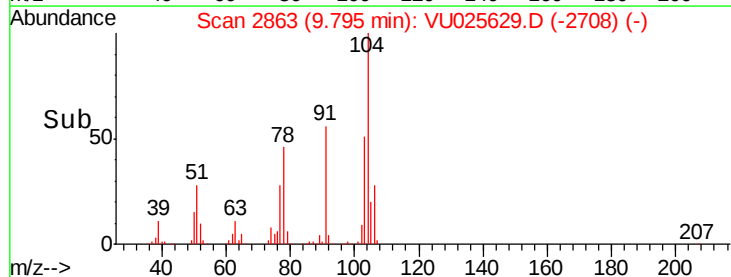
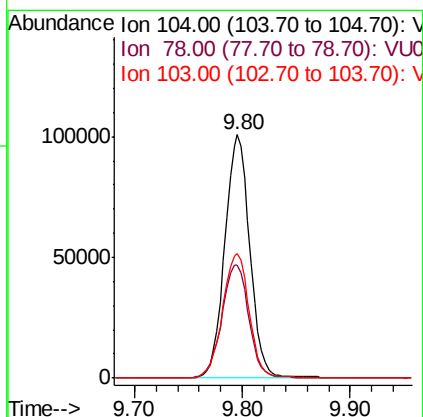
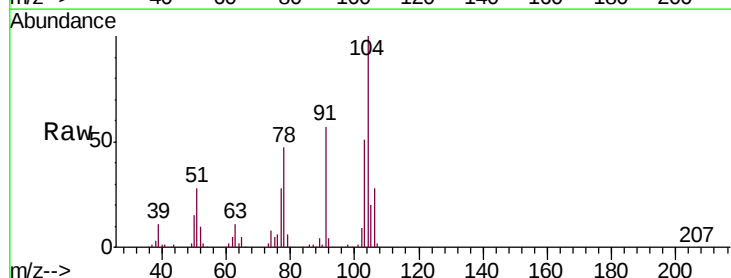
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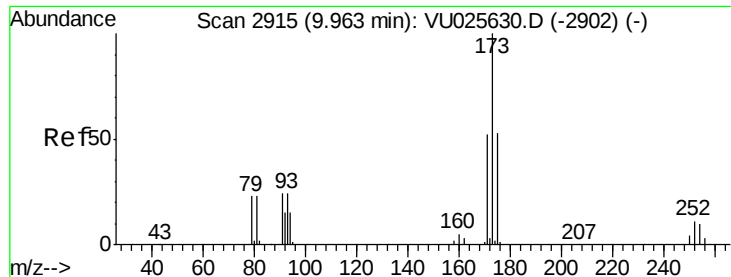
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#66
Styrene
Concen: 6.128 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.2	60.2
103	54.4	44.2	66.4





#67
Bromoform
Concen: 7.191 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

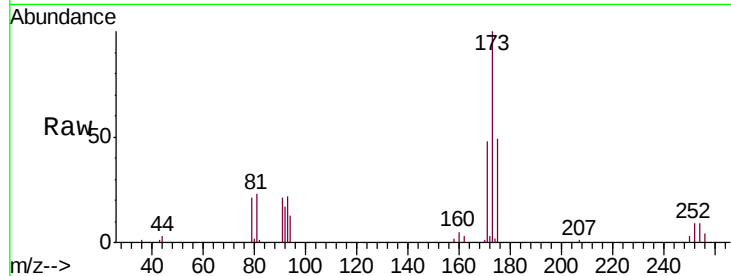
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.6	57.8
254	8.7	8.8	13.2

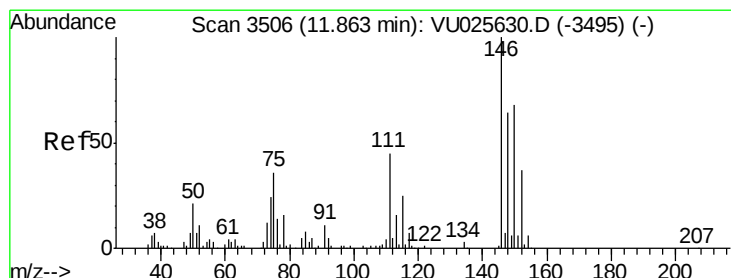
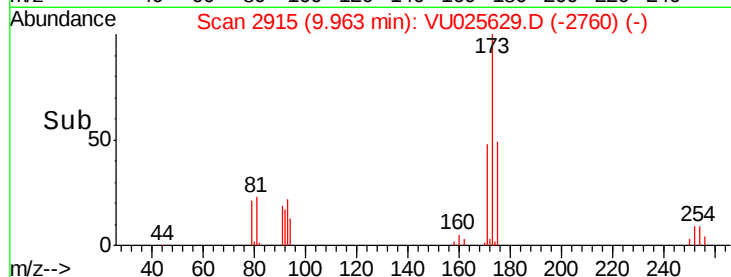
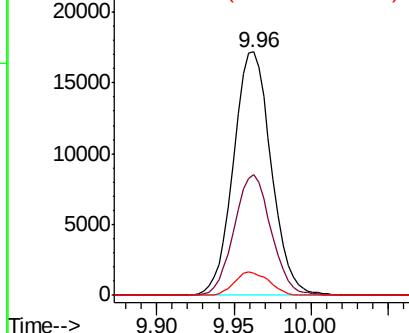
Manual Integrations
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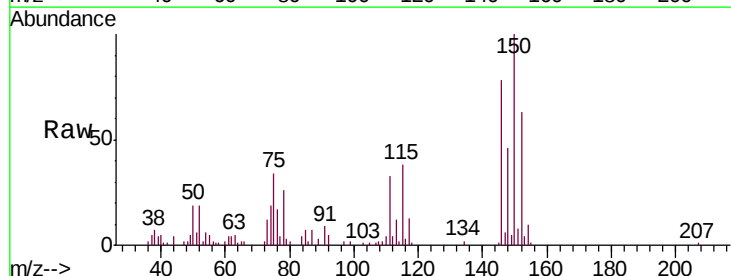


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

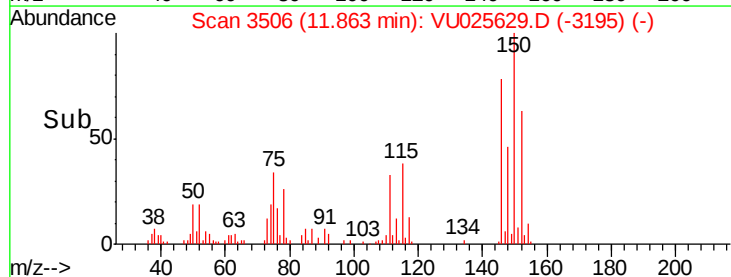
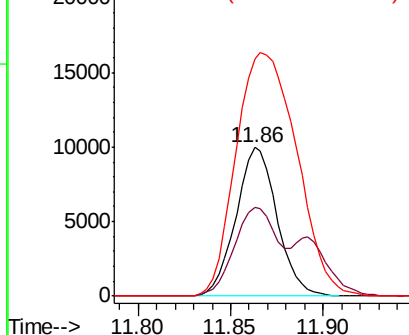


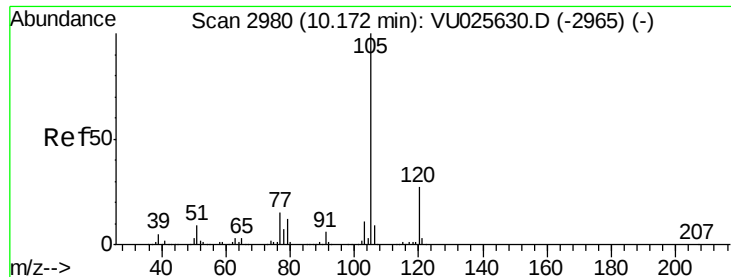
#68
1,2-Dichlorobenzene-d4
Concen: 7.191 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	0.0	118.8
150	242.6	0.0	0.0



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





#69

Isopropylbenzene

Concen: 6.174 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 256145

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3

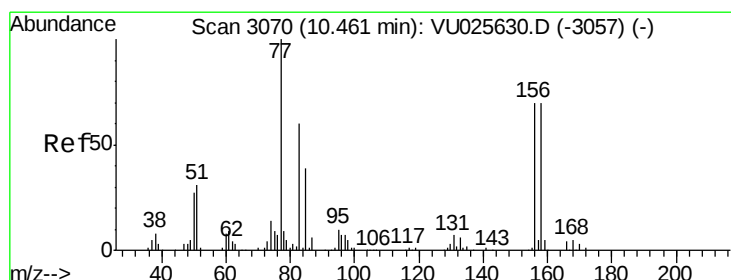
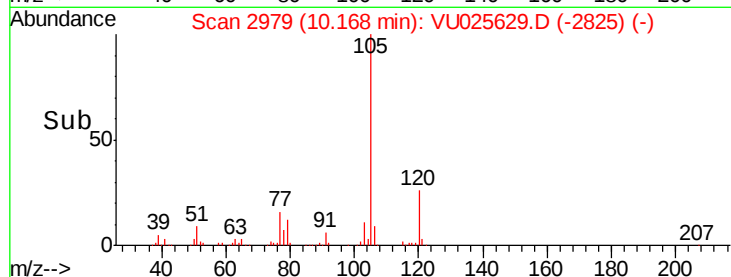
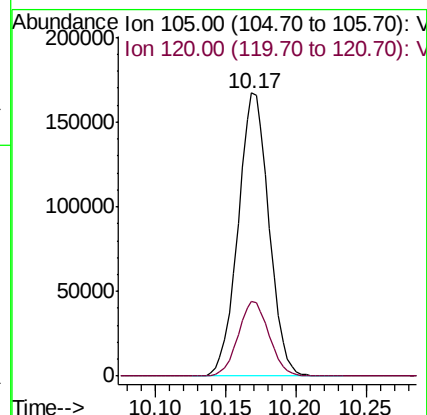
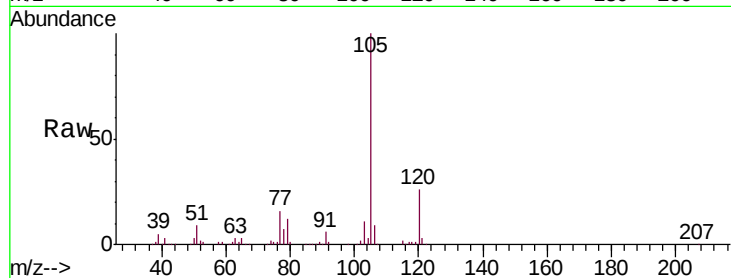
Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 6.053 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

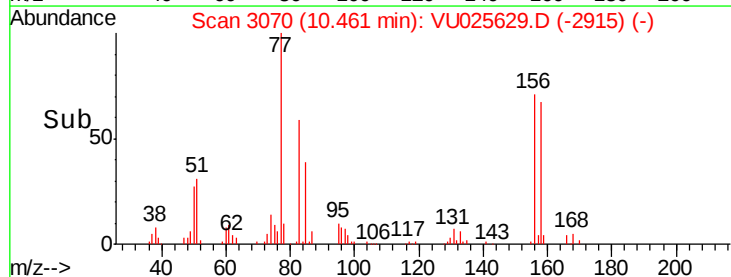
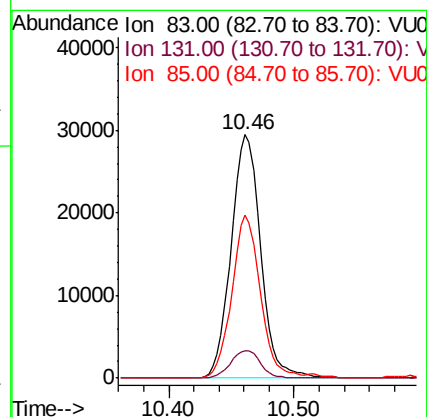
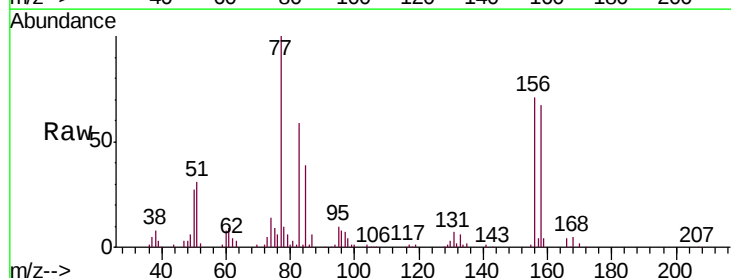
Tgt Ion: 83 Resp: 48323

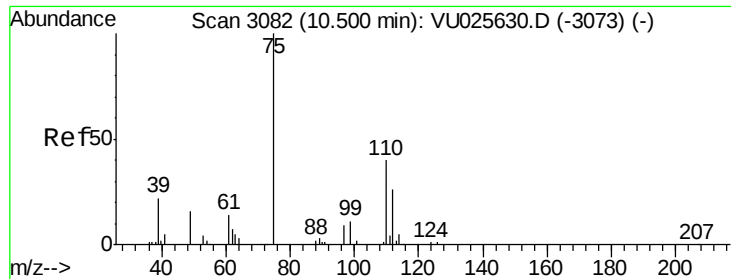
Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.3 51.8 77.6





#71
 1,2,3-Trichloropropane
 Concen: 6.521 ug/l m
 RT: 10.50 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

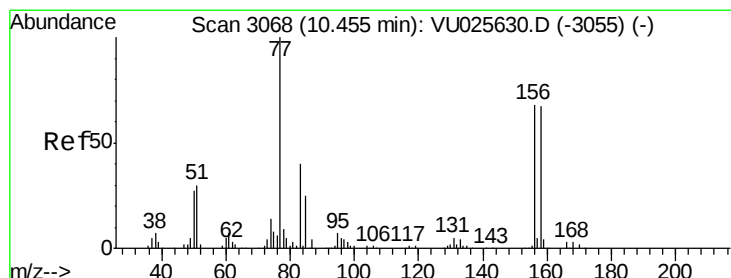
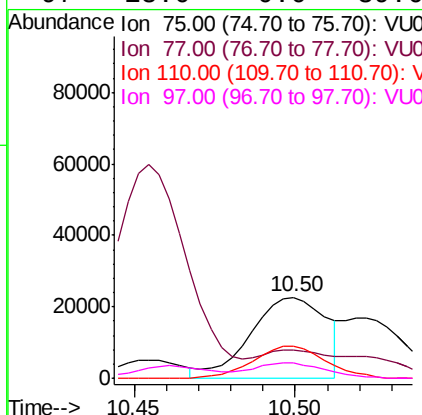
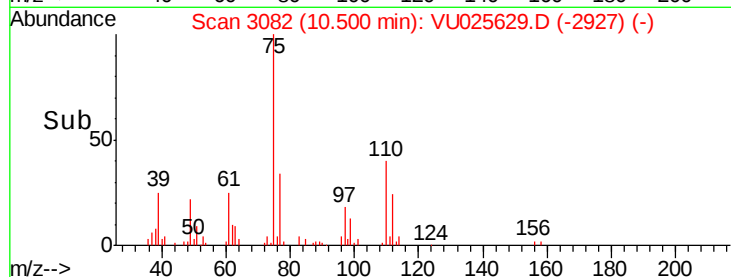
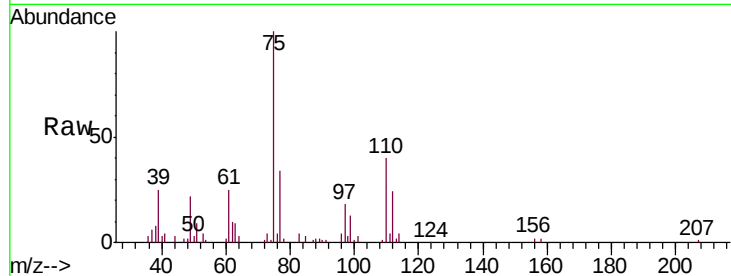
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	51.6	0.0	0.0#
110	38.1	0.0	74.0
97	18.0	0.0	39.6

Manual Integrations
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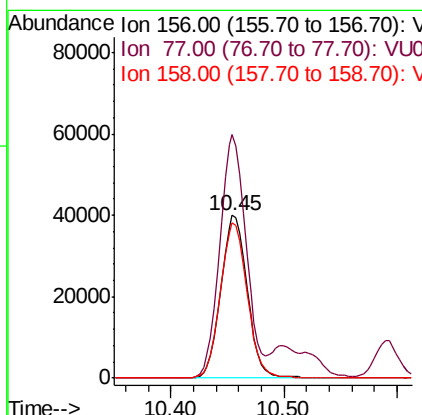
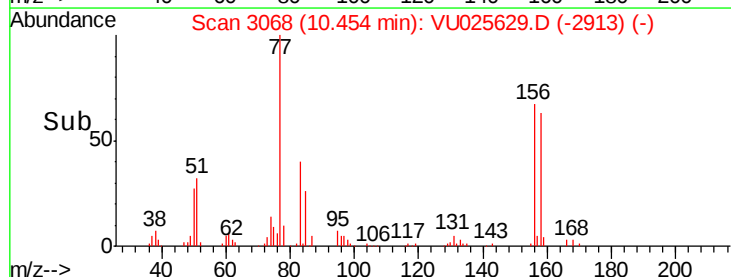
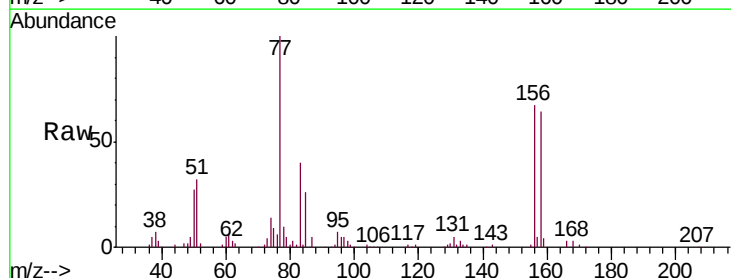
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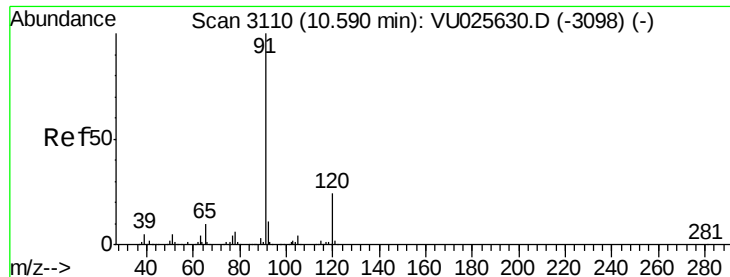
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#72
 Bromobenzene
 Concen: 6.293 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.7	0.0	309.8
158	96.6	0.0	193.0





#73

n-propylbenzene

Concen: 6.465 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:120 Resp: 74143

Ion Ratio Lower Upper

120 100

91 418.8 352.2 528.4

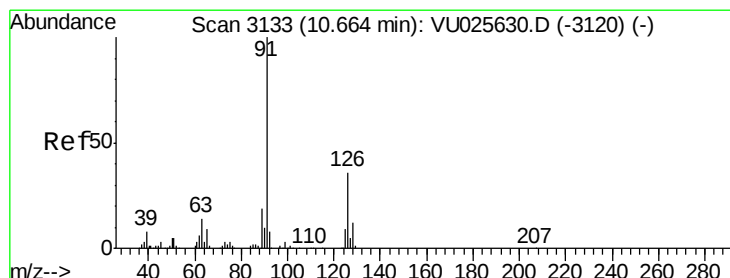
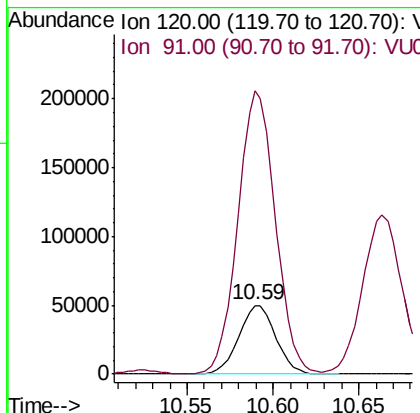
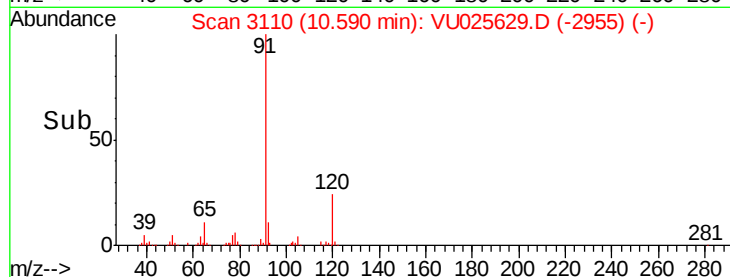
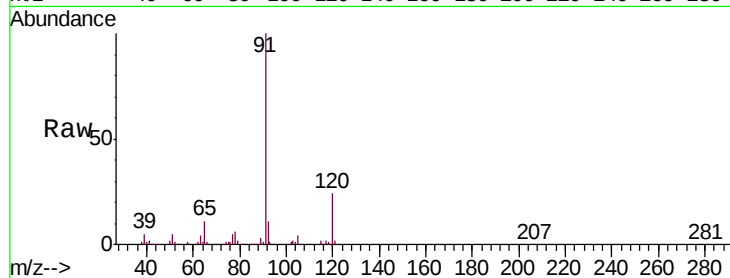
Manual Integrations

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#74

2-Chlorotoluene

Concen: 6.231 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025629.D

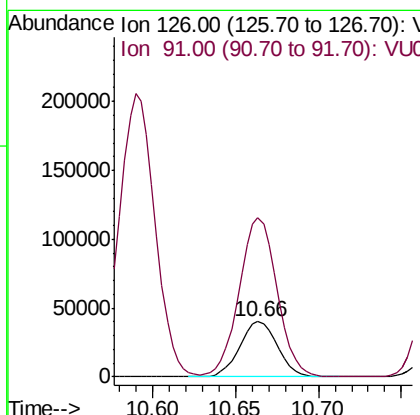
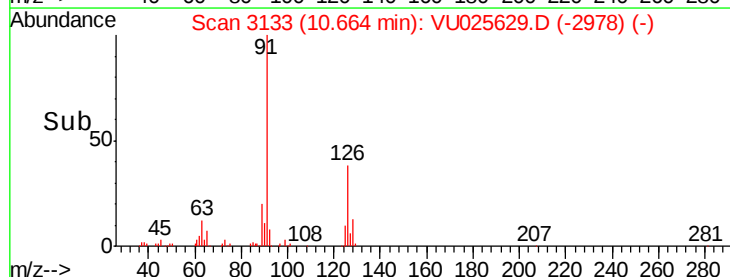
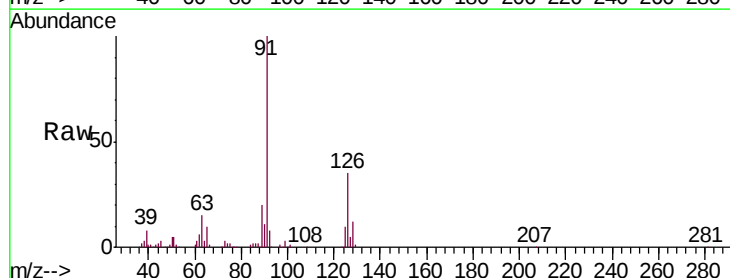
Acq: 25 Jul 2018 11:02

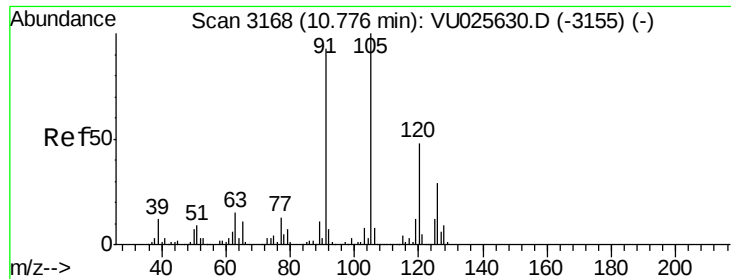
Tgt Ion:126 Resp: 63189

Ion Ratio Lower Upper

126 100

91 287.0 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 6.475 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 226336

Ion Ratio Lower Upper

105 100

120 49.4 39.0 58.6

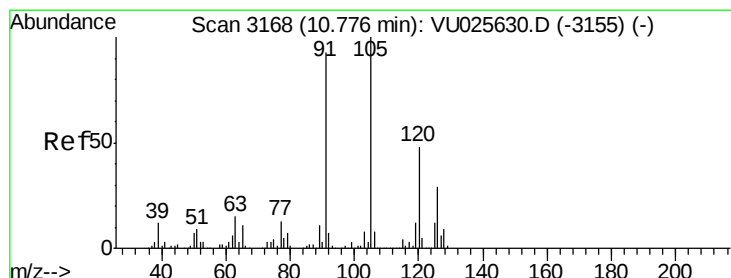
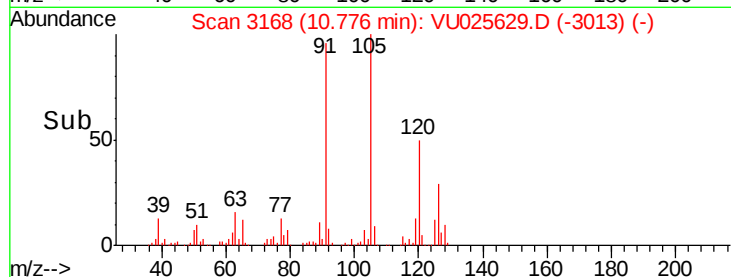
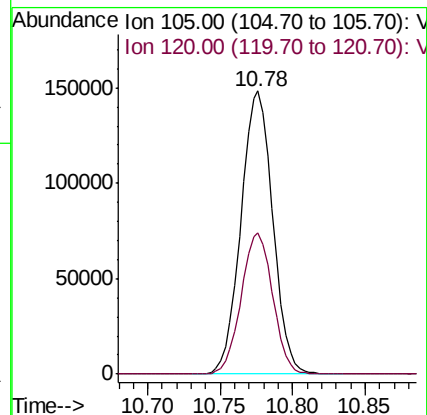
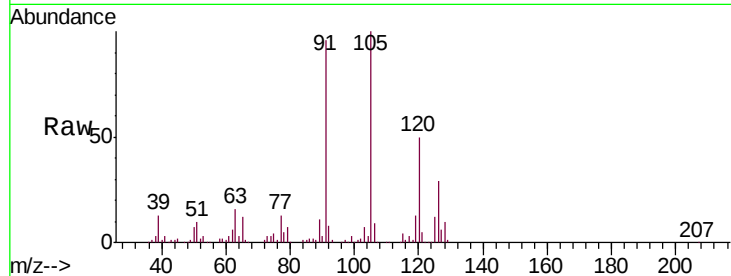
Manual Integrations

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#76

4-Chlorotoluene

Concen: 6.235 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025629.D

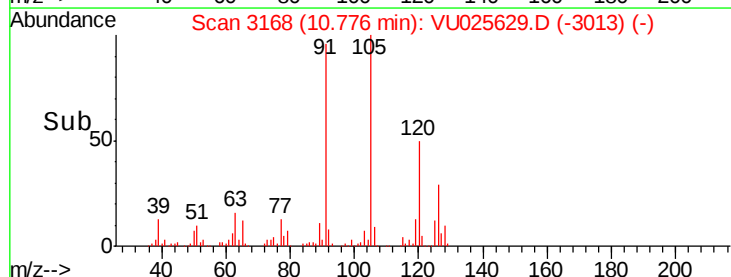
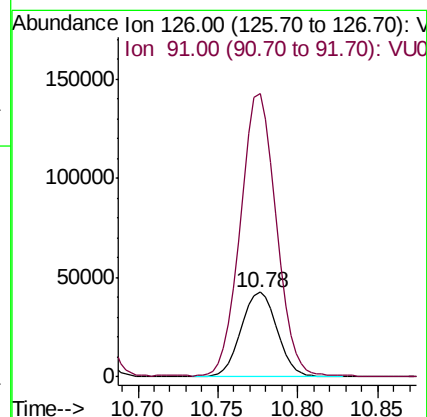
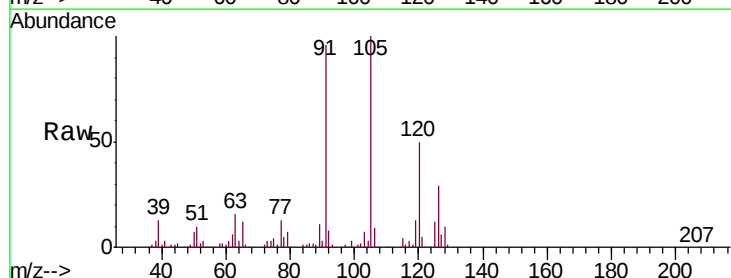
Acq: 25 Jul 2018 11:02

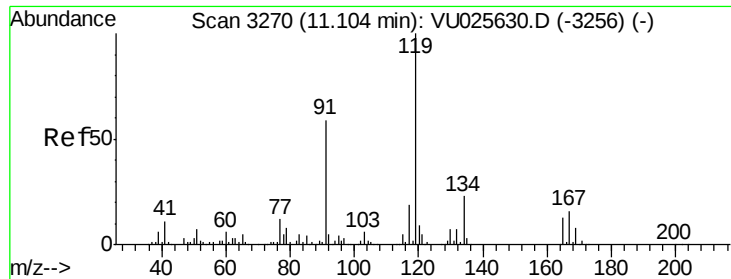
Tgt Ion:126 Resp: 65504

Ion Ratio Lower Upper

126 100

91 332.5 0.0 667.2





#77
 tert-Butylbenzene
 Concen: 6.744 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

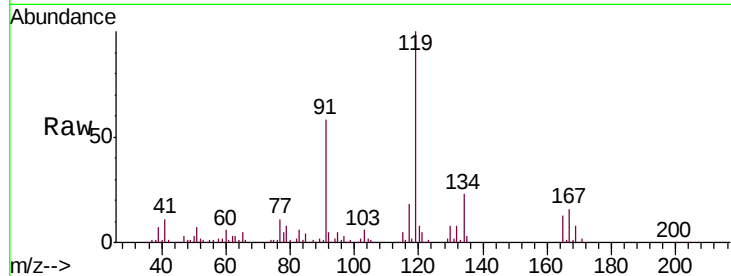
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:	119	Resp:	220841
Ion Ratio	Lower	Upper	
119	100		
91	58.3	29.6	88.8
134	23.0	19.1	28.7

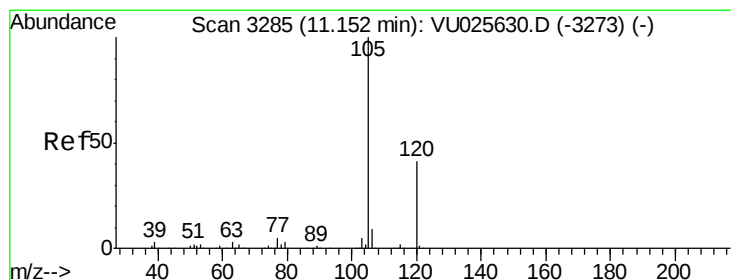
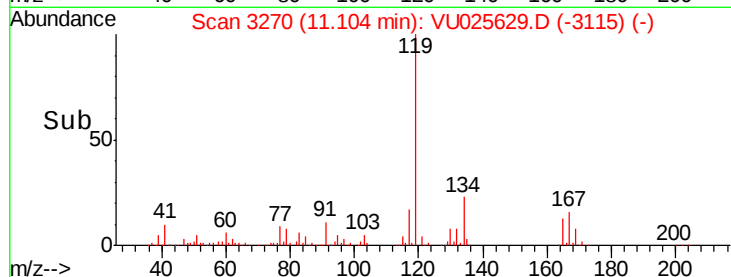
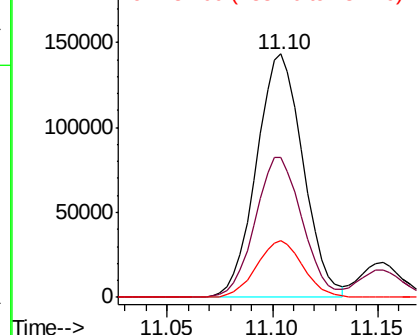
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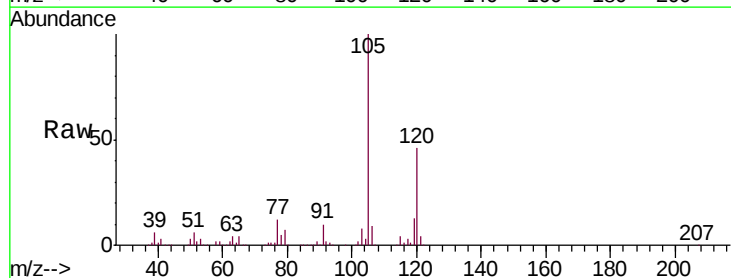


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

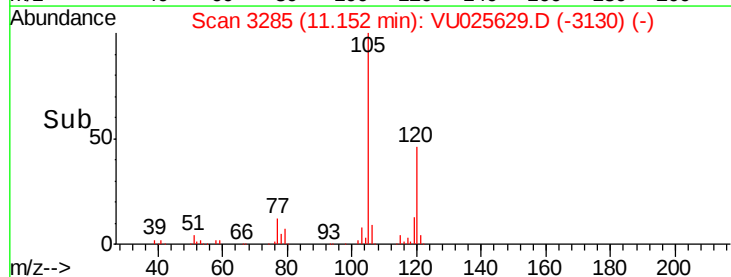
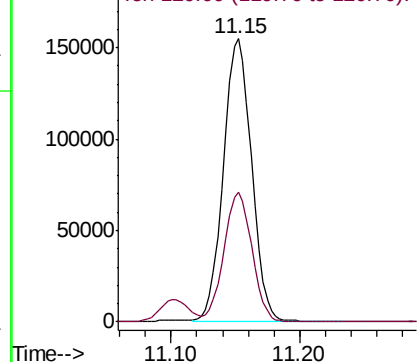


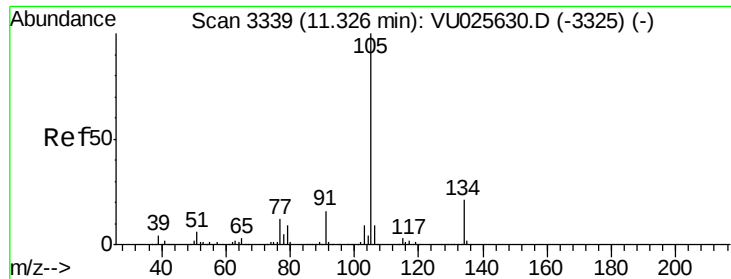
#78
 1,2,4-Trimethylbenzene
 Concen: 6.676 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion:	105	Resp:	235597
Ion Ratio	Lower	Upper	
105	100		
120	45.5	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 6.398 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 293363

Ion Ratio Lower Upper

105 100

134 20.7 15.6 23.4

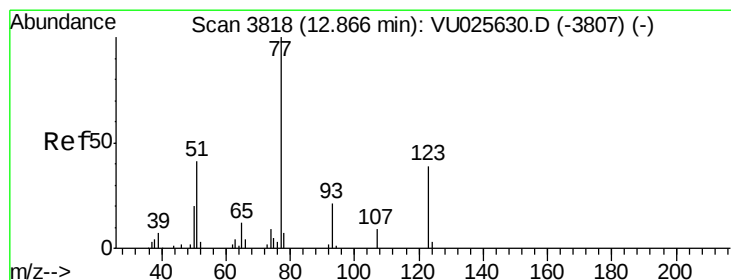
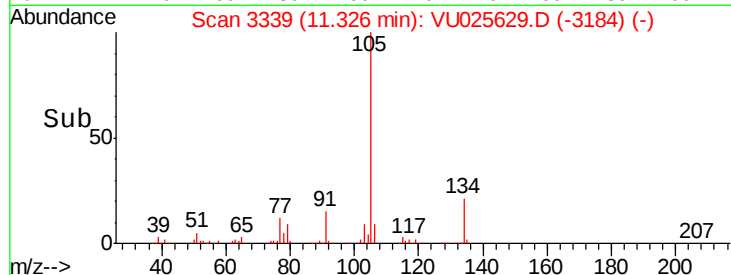
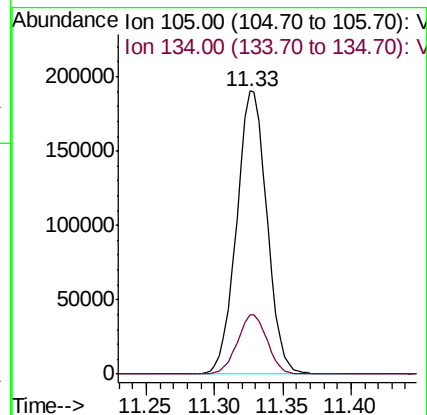
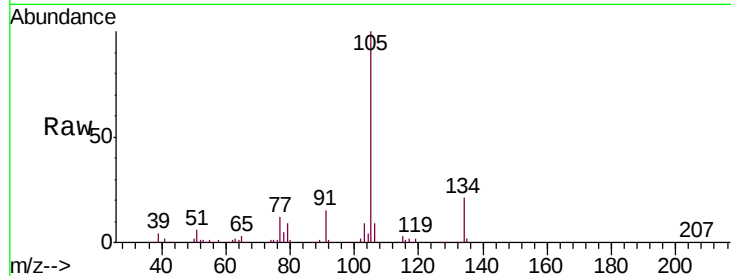
Manual Integrations

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#80

Nitrobenzene

Concen: 25.963 ug/l

RT: 12.87 min Scan# 3819

Delta R.T. 0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

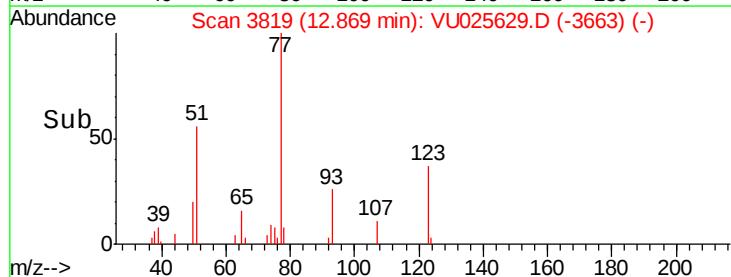
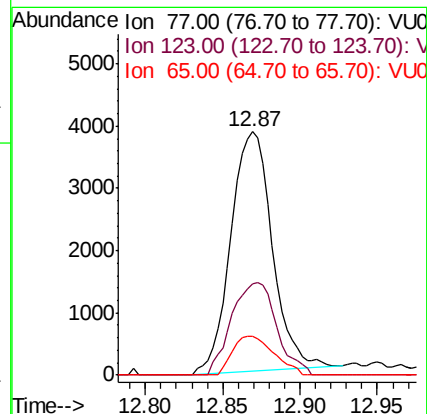
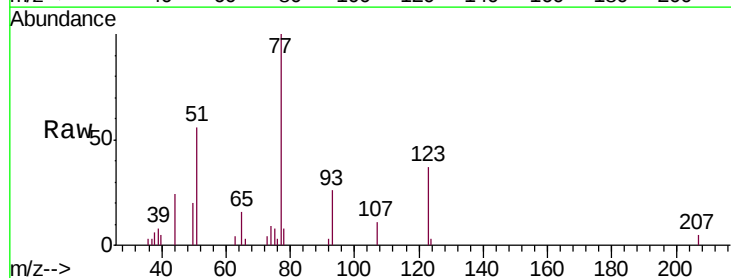
Tgt Ion: 77 Resp: 7199

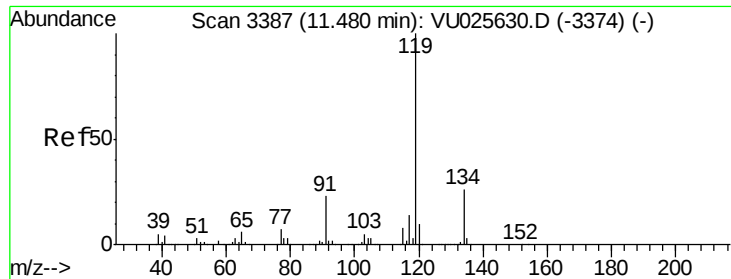
Ion Ratio Lower Upper

77 100

123 41.9 19.4 68.6

65 16.1 11.2 14.2#





#81
 p-Isopropyltoluene
 Concen: 6.622 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

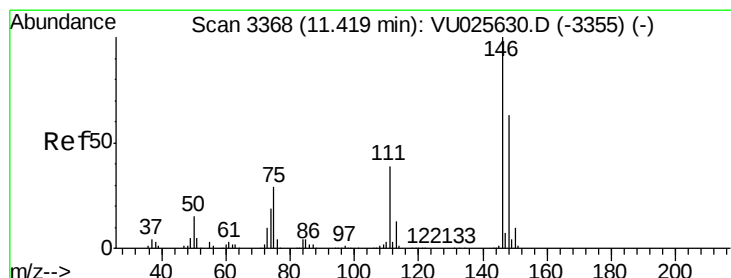
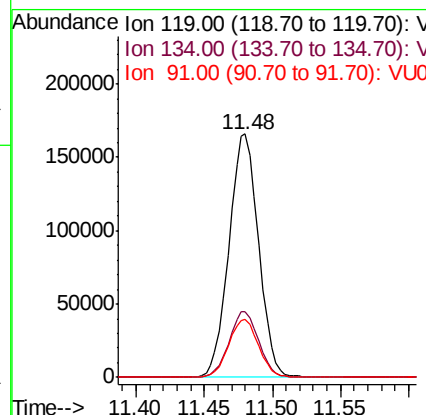
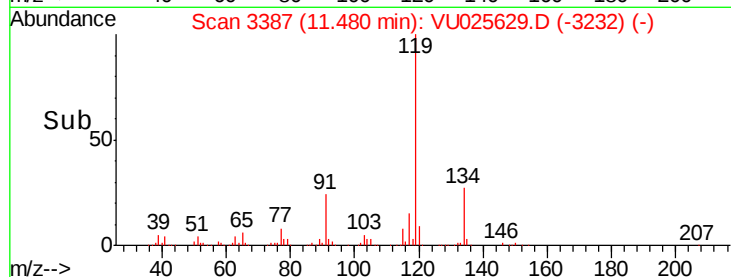
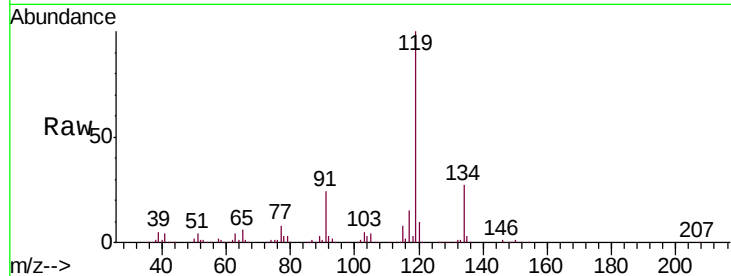
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	249531		
134	27.0	20.9	31.3	
91	24.2	18.2	27.2	

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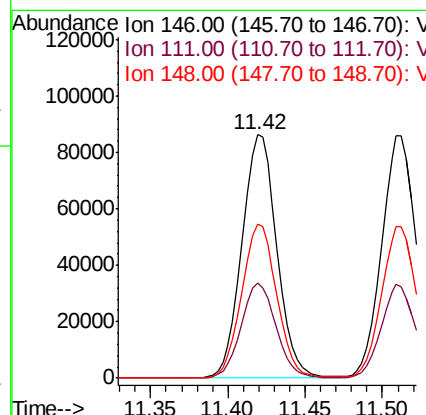
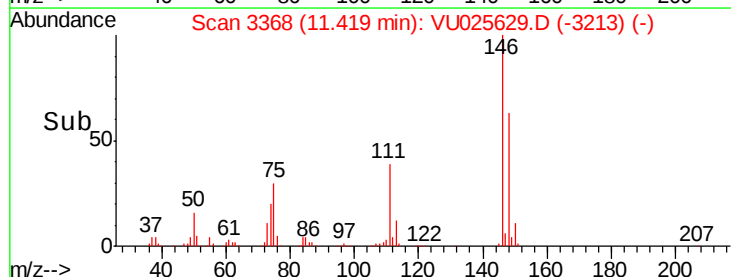
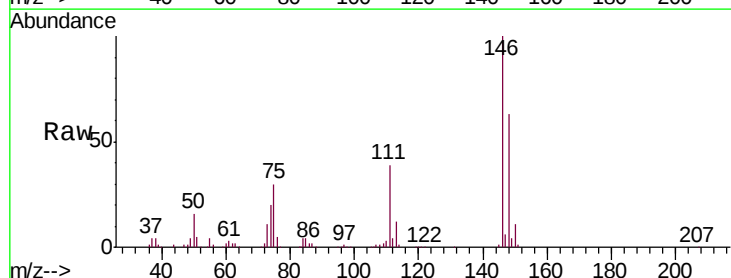
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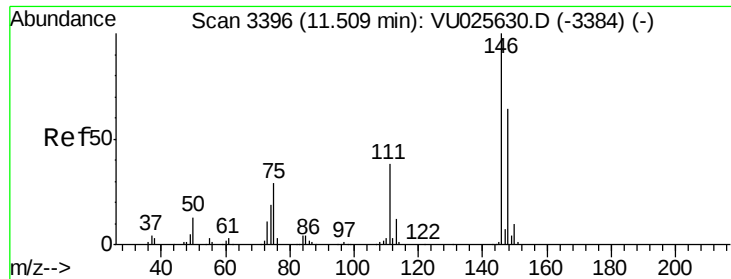
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#82
 1,3-Dichlorobenzene
 Concen: 6.575 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	135534		
111	39.0	31.8	47.6	
148	63.5	51.0	76.4	





#83
 1,4-Dichlorobenzene
 Concen: 6.616 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

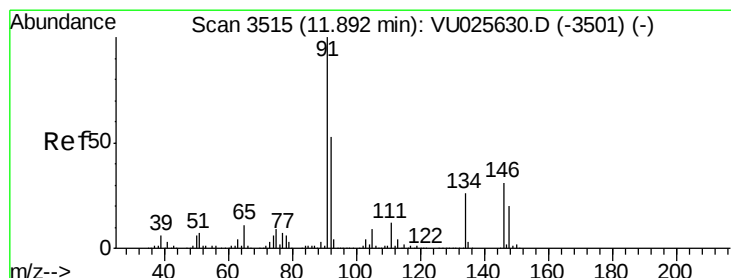
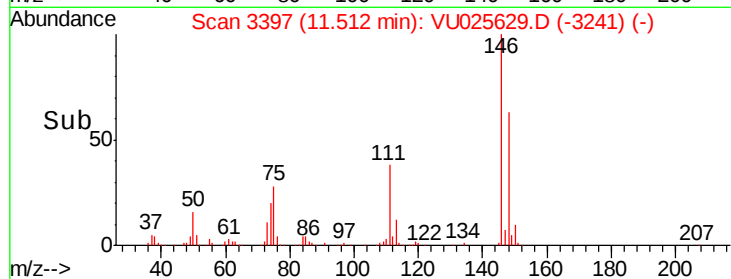
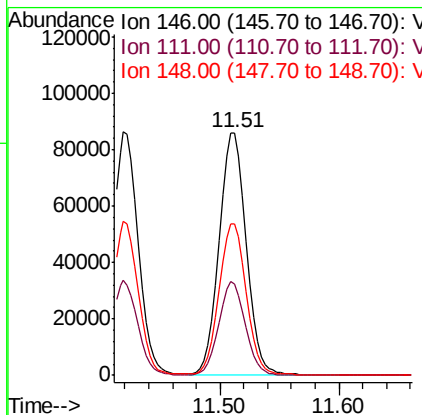
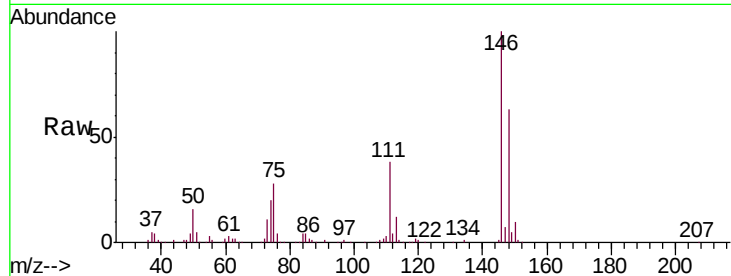
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	30.1	45.1
148	63.0	50.6	76.0

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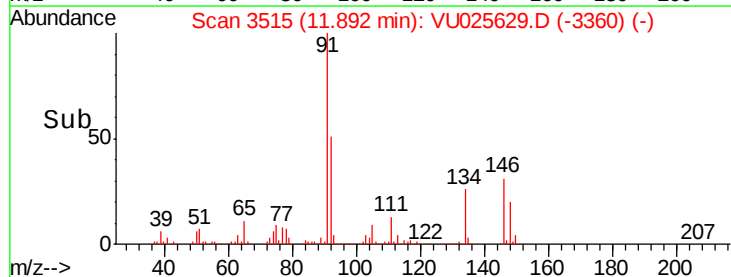
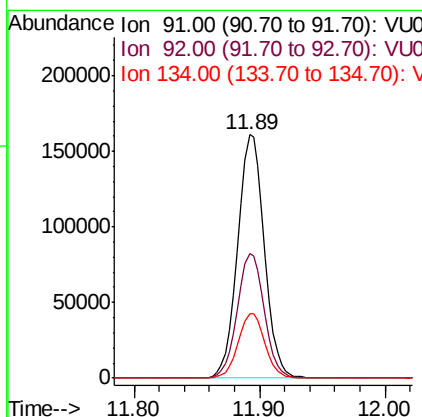
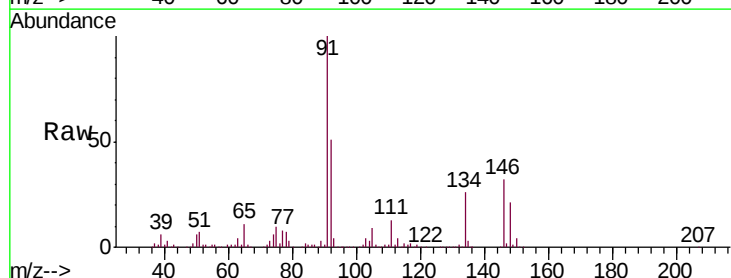
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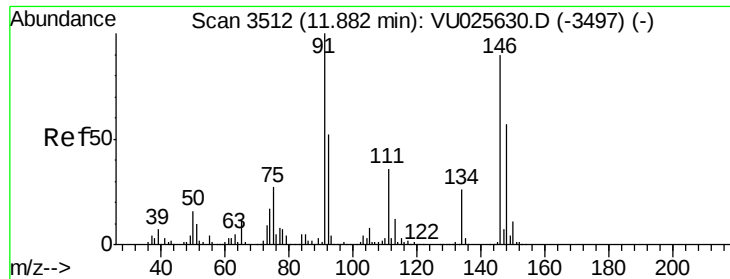
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#84
 n-Butylbenzene
 Concen: 6.442 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	42.2	63.2
134	26.6	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 6.597 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

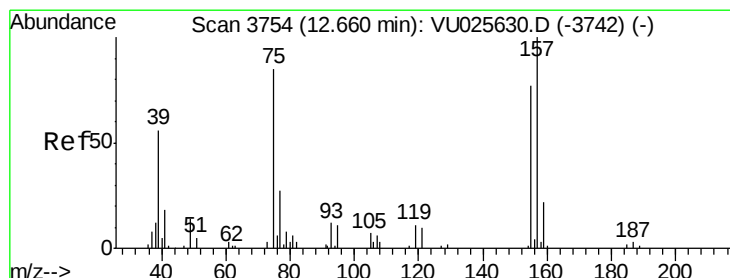
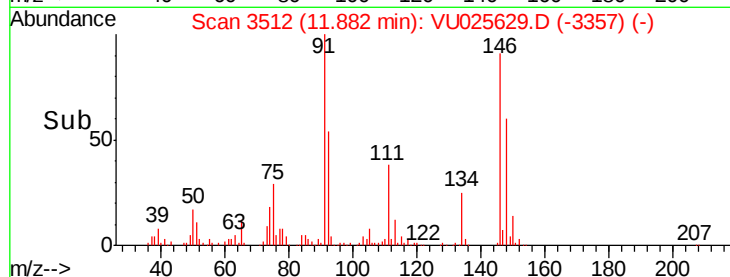
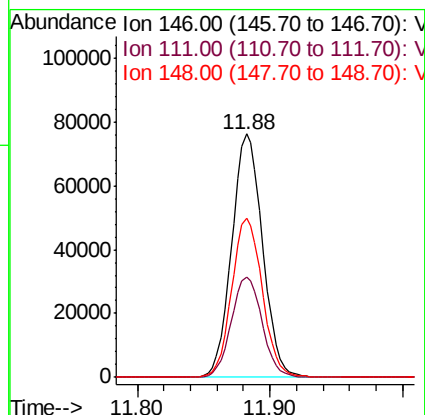
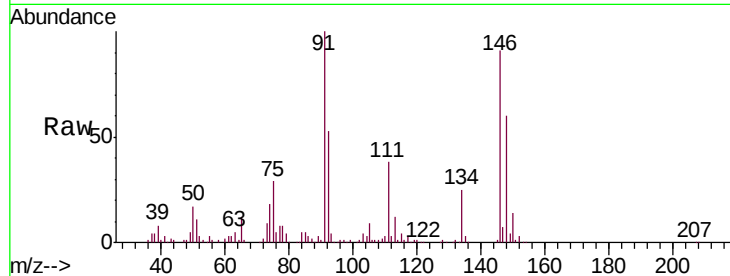
Tot Ion:	146	Resp:	122789
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.7	62.1
148	65.0	31.9	95.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 7.451 ug/l

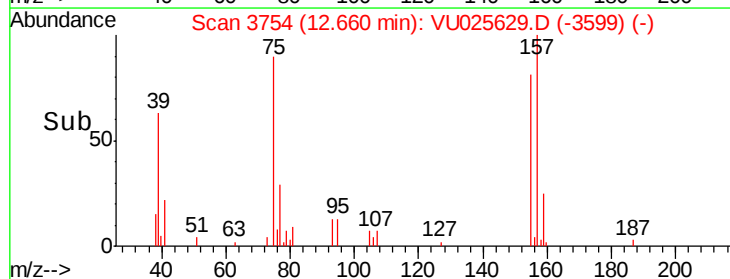
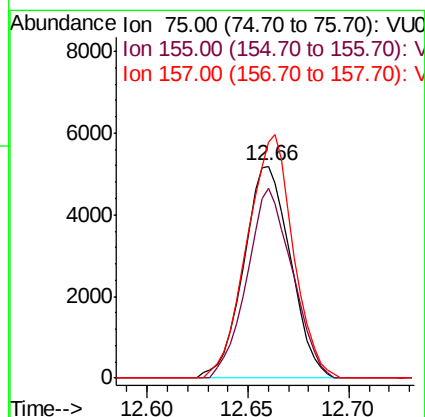
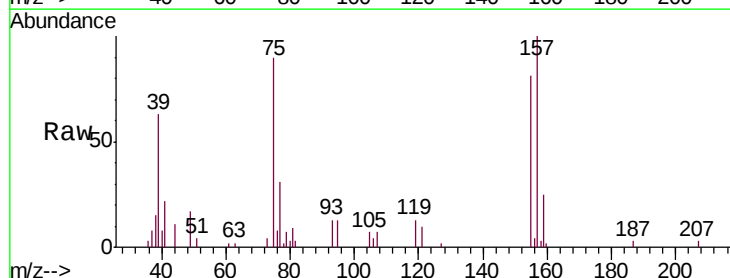
RT: 12.66 min Scan# 3754

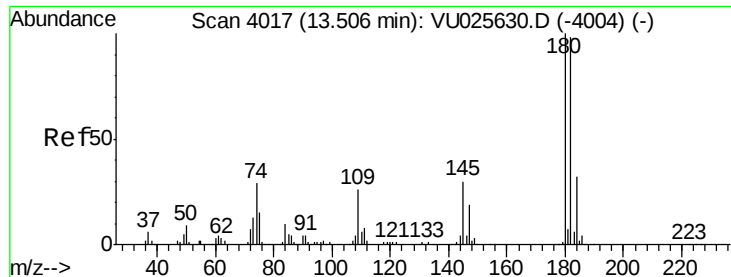
Delta R.T. -0.00 min

Lab File: VU025629.D

Acq: 25 Jul 2018 11:02

Tgt Ion:	75	Resp:	8394
Ion Ratio	Lower	Upper	
75	100		
155	87.1	65.8	98.6
157	113.6	83.5	125.3





#87
 1,2,4-Trichlorobenzene
 Concen: 6.492 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

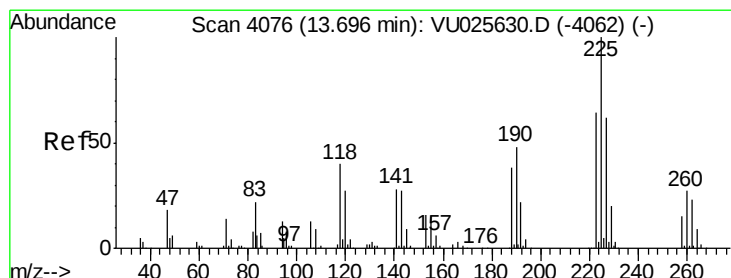
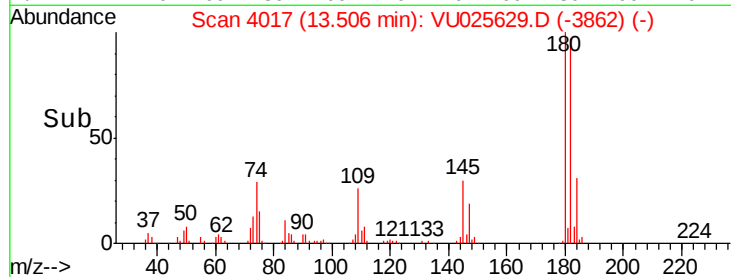
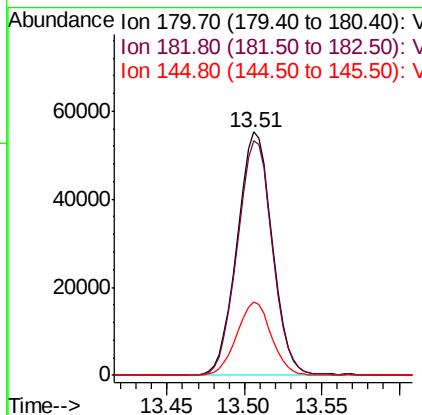
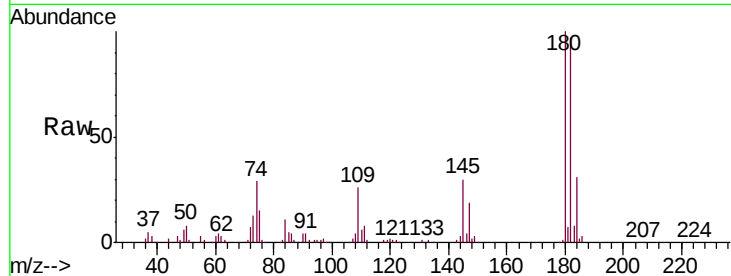
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:	180	Resp:	87402
Ion Ratio	Lower	Upper	
180	100		
182	96.4	77.1	115.7
145	29.6	23.3	34.9

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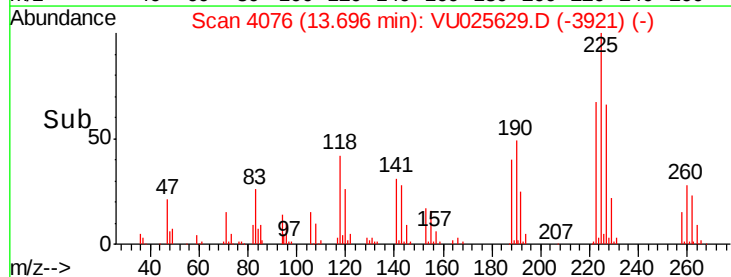
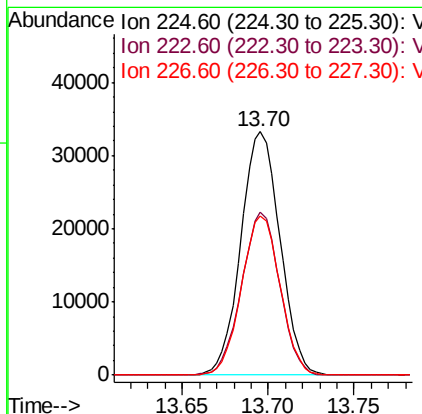
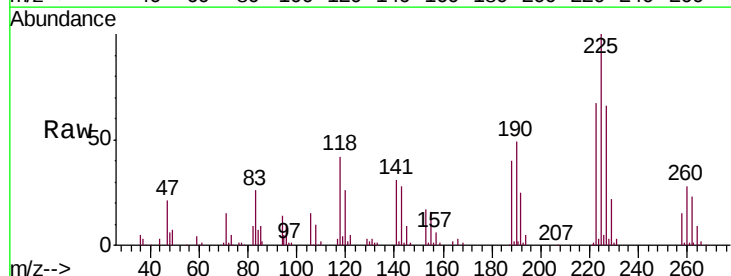
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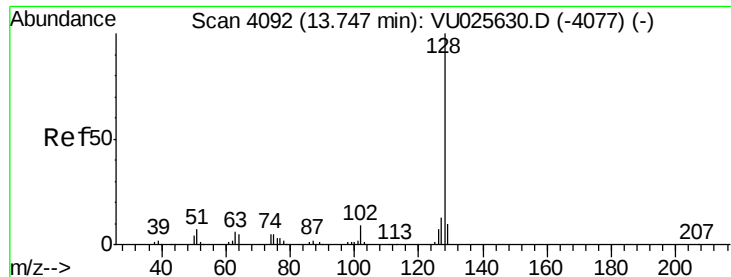
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#88
 Hexachlorobutadiene
 Concen: 6.439 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025629.D
 Acq: 25 Jul 2018 11:02

Tgt Ion:	225	Resp:	52555
Ion Ratio	Lower	Upper	
225	100		
223	65.2	50.6	75.8
227	64.3	51.8	77.6





#89
Naphthalene
Concen: 7.017 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

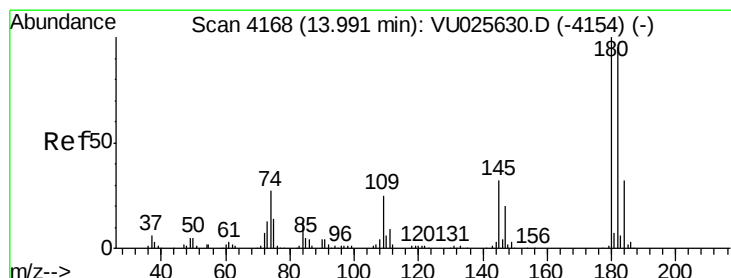
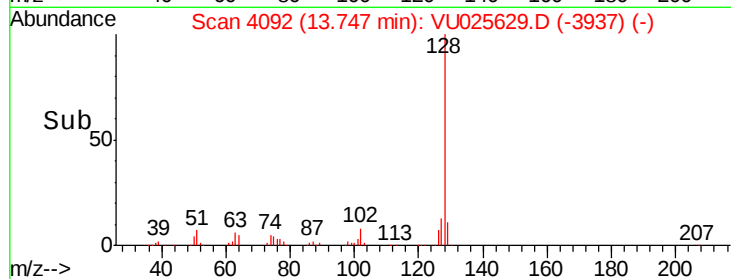
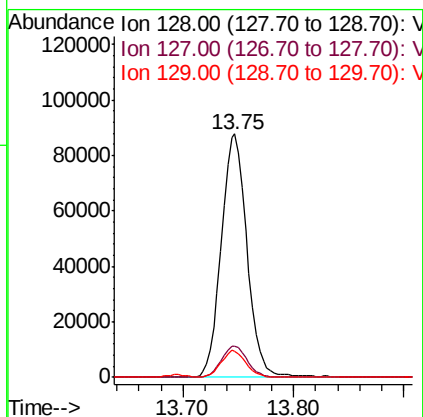
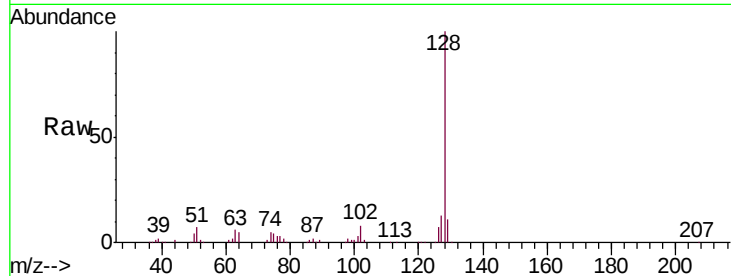
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion:	128	Resp:	142250
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.6	8.7	13.1

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#90
1,2,3-Trichlorobenzene
Concen: 6.357 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. -0.00 min
Lab File: VU025629.D
Acq: 25 Jul 2018 11:02

Tgt Ion:	180	Resp:	80335
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.8	115.2
145	31.6	24.6	36.8

