

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\
 Data File : VU025630.D
 Acq On : 25 Jul 2018 11:26
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Jul 25 12:02:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 11:50:38 2018
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	36738	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	14419	1.20	ug/l	0.00
Spiked Amount	1.000		Recovery	=	120.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	15709	1.35	ug/l	0.00
Spiked Amount	1.000		Recovery	=	135.00%	

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	130870	10.971	ug/l	100
3) Chloromethane	1.33	50	124186	8.985	ug/l	99
4) Vinyl Chloride	1.41	62	115994	8.749	ug/l	100
5) Bromomethane	1.63	94	53475	7.544	ug/l	100
6) Chloroethane	1.70	64	67453	9.139	ug/l	99
7) Trichlorofluoromethane	1.89	101	168533	11.074	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91892	9.828	ug/l	98
9) 1,1-Dichloroethene	2.29	96	80035	9.220	ug/l	93
10) Iodomethane	2.41	142	74501	7.217	ug/l	94
11) Allyl Chloride	2.59	41	138610	8.687	ug/l	89
12) Acrylonitrile	2.94	53	34046	19.005	ug/l	96
13) Acetone	2.32	43	73980	48.657	ug/l	96
14) Carbon Disulfide	2.48	76	274420	9.609	ug/l	100
15) Methylene Chloride	2.70	84	91374	9.241	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	90026	9.679	ug/l	92
17) 1,1-Dichloroethane	3.45	63	184332	10.062	ug/l	98
18) 2-Butanone	4.28	43	139331	56.711	ug/l	97
19) Cyclohexane	4.99	56	145591	9.198	ug/l	88
20) Methylcyclohexane	6.42	83	177799	11.010	ug/l	94
21) 2,2-Dichloropropane	4.23	77	166076	11.432	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	113919	11.319	ug/l	93
23) Diethyl Ether	2.10	59	62112	8.752	ug/l	96
24) tert-Butyl Alcohol	2.84	59	66439	124.149	ug/l #	81
25) Methyl tert-Butyl Ether	3.01	73	216065	9.904	ug/l	97
26) Bromochloromethane	4.55	128	49502	12.447	ug/l	84
27) Chloroform	4.68	83	196214	11.373	ug/l	99
28) 1,1,1-Trichloroethane	4.92	97	178902	12.641	ug/l	98
29) 1,1-Dichloropropene	5.14	75	151888	10.938	ug/l	98
30) Carbon Tetrachloride	5.14	117	167151	14.038	ug/l	99
31) Isopropyl Ether	3.58	45	290982	9.410	ug/l	94
32) Ethyl-t-butyl ether	4.09	59	276616	10.468	ug/l	94
33) Tert-Amyl methyl ether	5.59	73	247071	11.047	ug/l	98
34) Propionitrile	4.34	54	37332	53.366	ug/l #	93
35) Benzene	5.39	78	417739	10.121	ug/l	99
36) 1,2-Dichloroethane	5.41	62	128445	11.003	ug/l	98
37) Trichloroethene	6.19	130	119330	10.770	ug/l	99
38) 1,2-Dichloropropane	6.44	63	108637	9.597	ug/l	98
39) Methacrylonitrile	4.55	41	35376	9.890	ug/l	93
40) Methyl acrylate	4.43	55	52976	10.678	ug/l #	97
41) Tetrahydrofuran	4.66	42	36395	19.747	ug/l	94
42) 1-Chlorobutane	5.07	56	205679	10.219	ug/l	100

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 QLast Update : Wed Jul 25 11:50:38 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	57397	11.789	ug/l	98
44) Bromodichloromethane	6.76	83	144538	11.814	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	323164	56.161	ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	48037m	28.235	ug/l	
47) Methyl methacrylate	6.63	69	98551	22.340	ug/l	95
48) Ethyl methacrylate	8.02	69	99989	12.964	ug/l	99
49) Toluene	7.64	92	262522	11.011	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	131663	12.608	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	159050	11.701	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	76297	11.013	ug/l	98
53) 1,3-Dichloropropane	8.25	76	131029	10.640	ug/l	100
54) 2-Hexanone	8.37	43	230360	58.769	ug/l	99
55) Dibromochloromethane	8.48	129	98029	12.914	ug/l	96
56) 1,2-Dibromoethane	8.59	107	74480	12.478	ug/l	99
58) Tetrachloroethene	8.23	164	112116	11.098	ug/l	98
59) Chlorobenzene	9.12	112	296281	11.610	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	110287	12.724	ug/l	97
61) Pentachloroethane	11.10	117	87384	14.204	ug/l	96
62) Hexachloroethane	12.15	117	89776	15.204	ug/l	97
63) Ethyl Benzene	9.25	91	508812	11.995	ug/l	98
64) m/p-Xylenes	9.38	106	407370	24.903	ug/l	97
65) o-Xylene	9.78	106	192125	12.196	ug/l	99
66) Styrene	9.80	104	330641	12.728	ug/l	100
67) Bromoform	9.96	173	56807	14.329	ug/l	97
69) Isopropylbenzene	10.17	105	518151	12.770	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	96371	12.342	ug/l	99
71) 1,2,3-Trichloropropane	10.50	75	76072m	13.613	ug/l	
72) Bromobenzene	10.45	156	130484	12.916	ug/l	96
73) n-propylbenzene	10.59	120	150711	13.436	ug/l	92
74) 2-Chlorotoluene	10.66	126	130517	13.160	ug/l	89
75) 1,3,5-Trimethylbenzene	10.78	105	465104	13.605	ug/l	100
76) 4-Chlorotoluene	10.78	126	137442	13.377	ug/l	95
77) tert-Butylbenzene	11.10	119	449211	14.026	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	475513	13.777	ug/l	100
79) sec-Butylbenzene	11.33	105	597592	13.325	ug/l	97
80) Nitrobenzene	12.87	77	16782	61.882	ug/l	99
81) p-Isopropyltoluene	11.48	119	519206	14.088	ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	270134	13.398	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	271758	13.496	ug/l	99
84) n-Butylbenzene	11.89	91	484822	13.475	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	249533	13.708	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16768	15.217	ug/l	90
87) 1,2,4-Trichlorobenzene	13.51	180	183842	13.963	ug/l	100
88) Hexachlorobutadiene	13.70	225	106767	13.373	ug/l	98
89) Naphthalene	13.75	128	305872	15.426	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	165466	13.388	ug/l	99

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

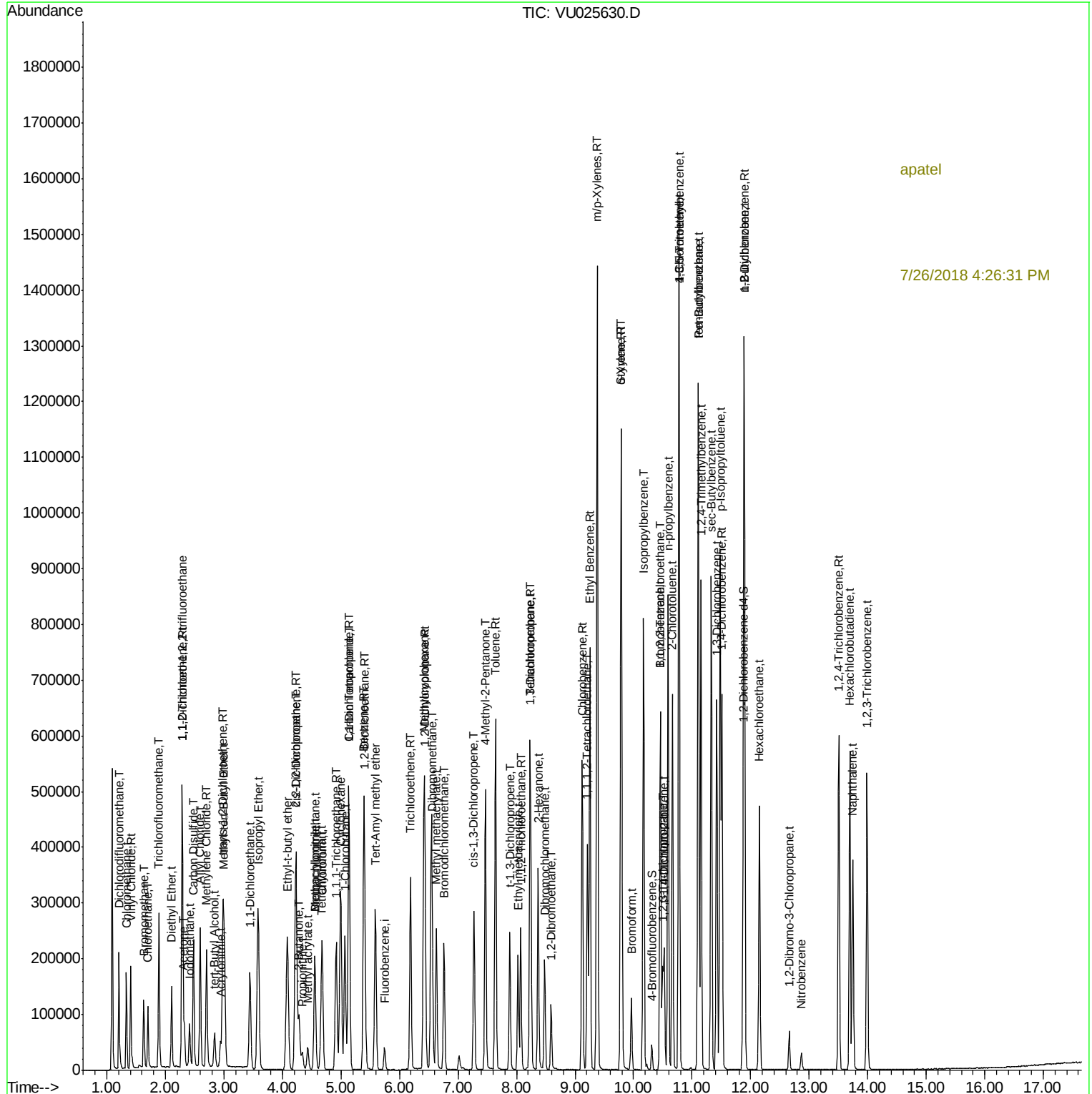
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072518\
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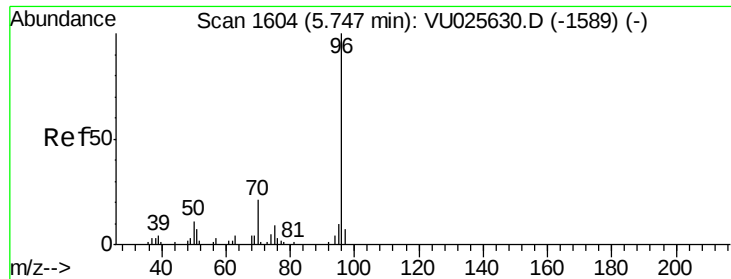
Quant Time: Jul 25 12:02:29 2018
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

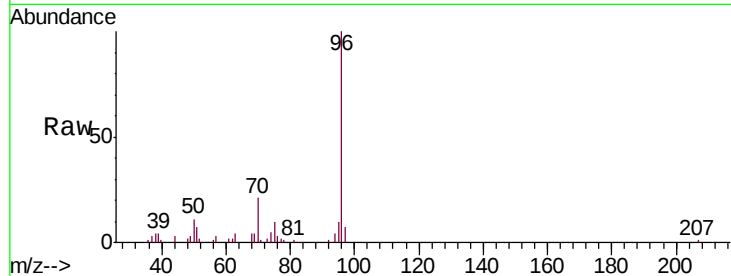
ClientSampleId :

VSTDICCC010

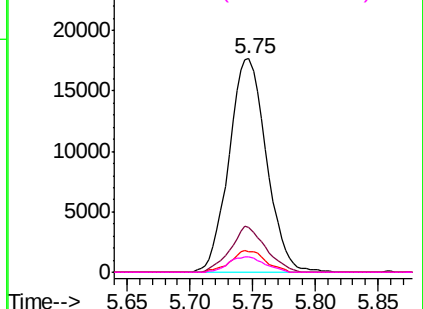
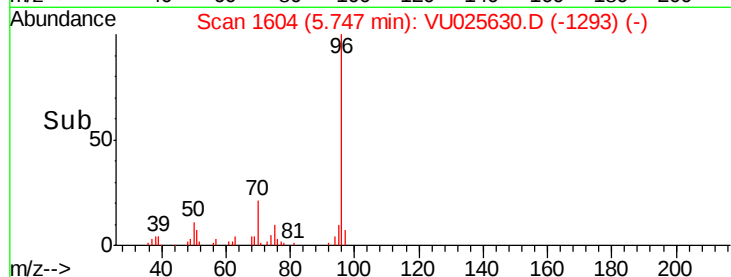
Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		36738		
70	20.2	16.2	24.4		
95	9.2	6.9	10.3		
97	0.0	0.0	0.0		

Manual Integrations
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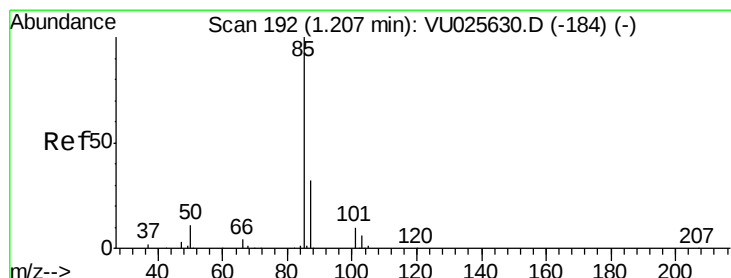


Abundance Ion 96.00 (95.70 to 96.70): VU025630.D (-1589) (-)



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#2

Dichlorodifluoromethane

Concen: 10.971 ug/l

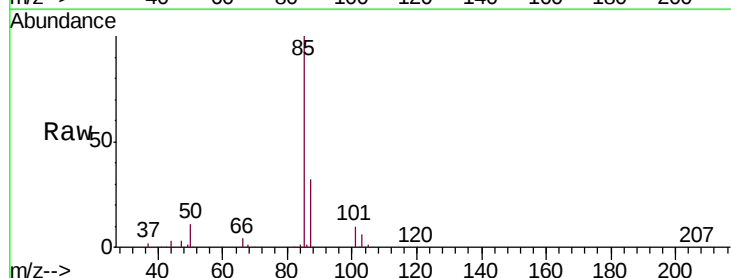
RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

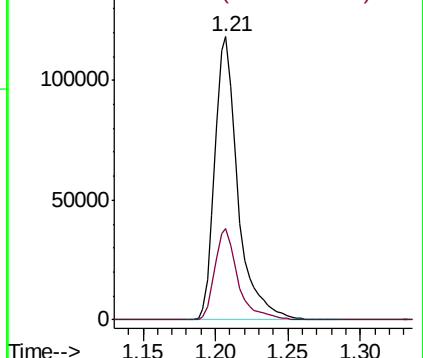
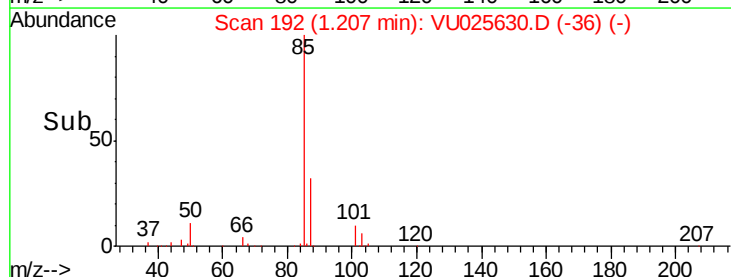
Lab File: VU025630.D

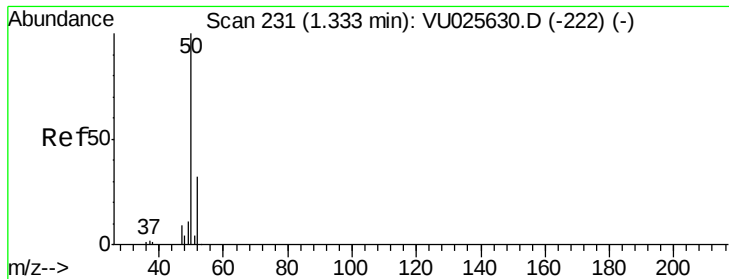
Acq: 25 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		130870		
87	32.1	16.2	48.5		



Abundance Ion 85.00 (84.70 to 85.70): VU025630.D (-184) (-)





#3

Chloromethane

Concen: 8.985 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

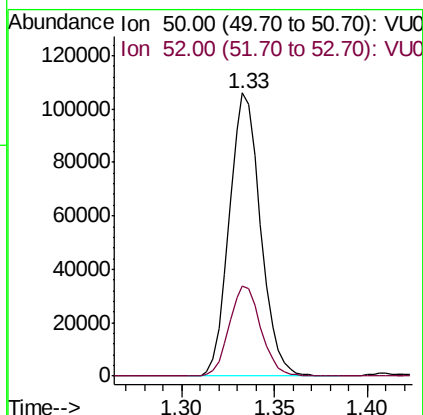
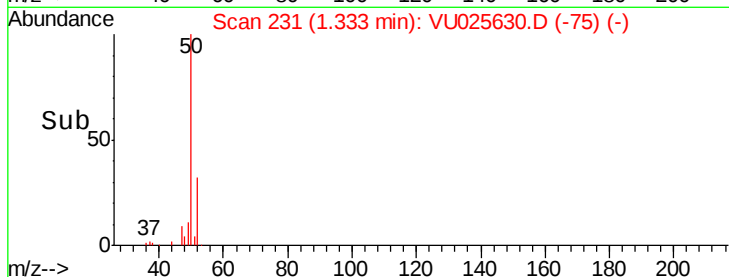
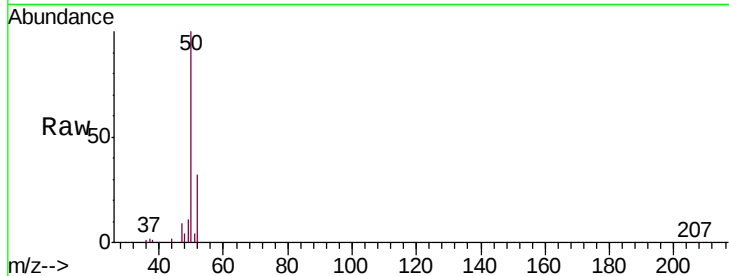
Tot Ion: 50 Resp: 124186

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0

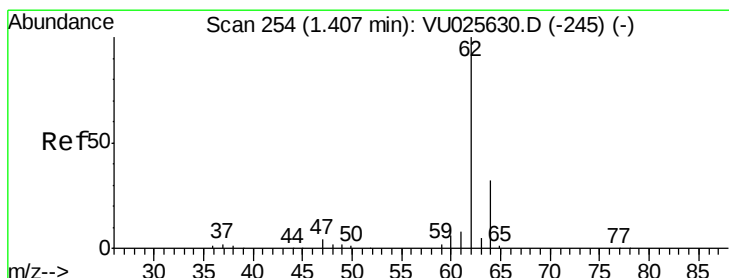
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#4

Vinyl Chloride

Concen: 8.749 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025630.D

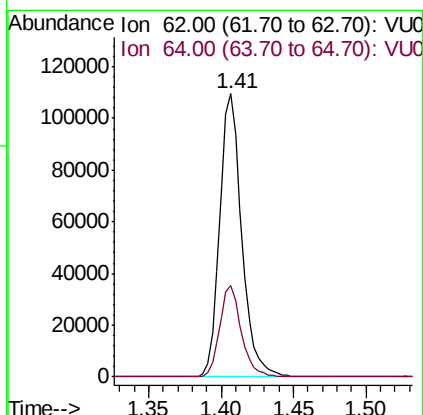
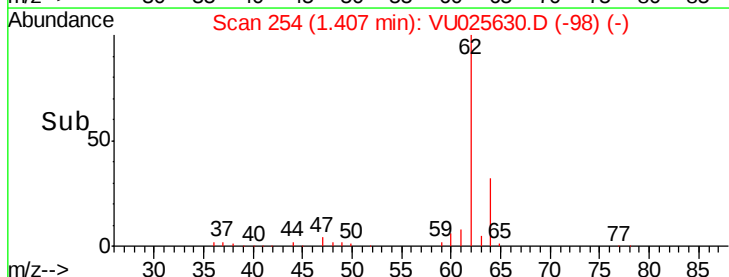
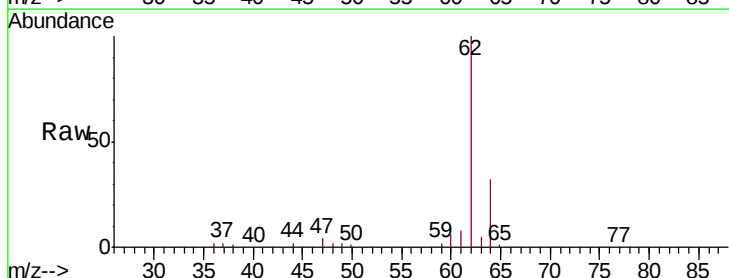
Acq: 25 Jul 2018 11:26

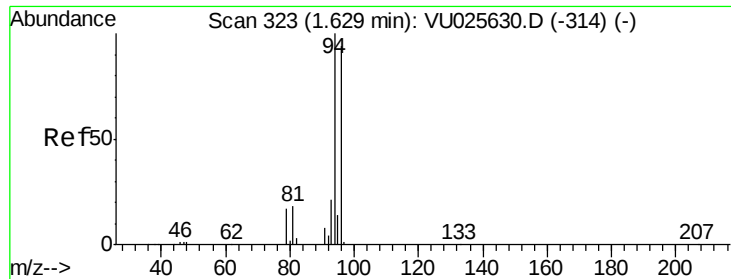
Tgt Ion: 62 Resp: 115994

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 7.544 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

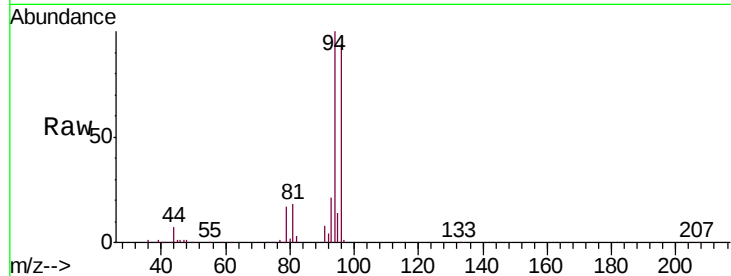
Tot Ion: 94 Resp: 53475

Ion Ratio Lower Upper

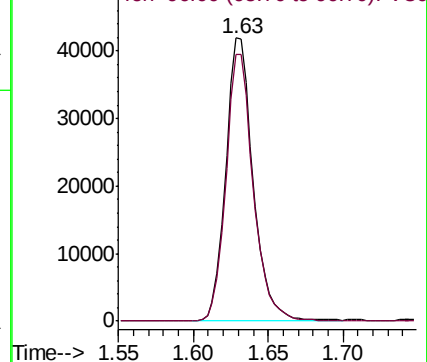
94 100

96 94.4 75.1 112.7

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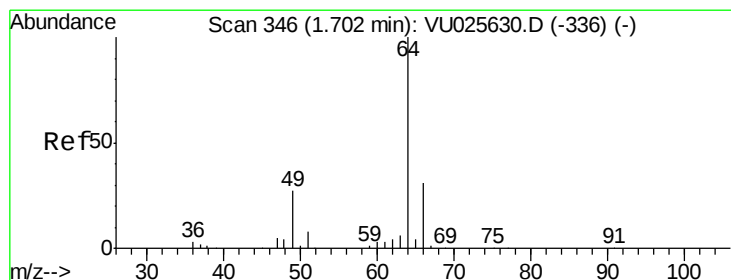
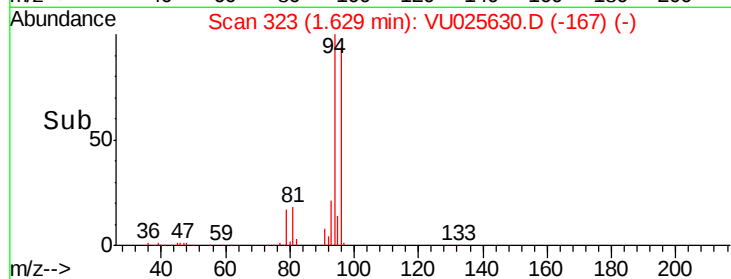
Abundance Ion 94.00 (93.70 to 94.70): VU0
Ion 96.00 (95.70 to 96.70): VU0



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#6

Chloroethane

Concen: 9.139 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025630.D

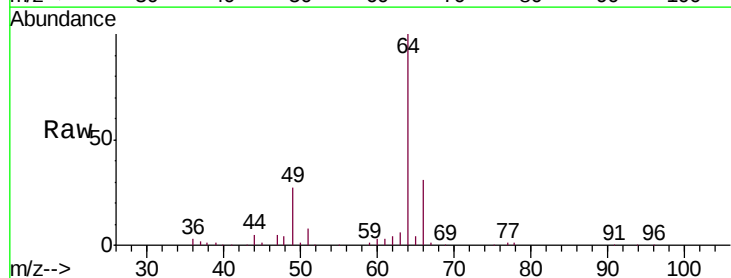
Acq: 25 Jul 2018 11:26

Tgt Ion: 64 Resp: 67453

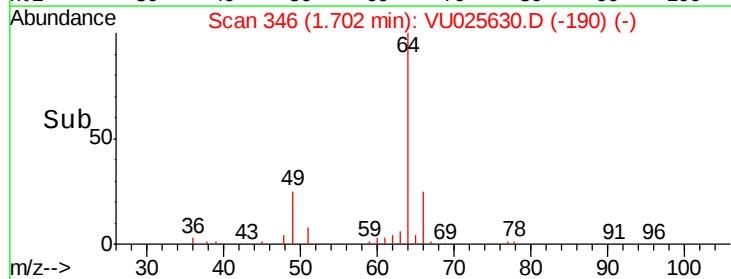
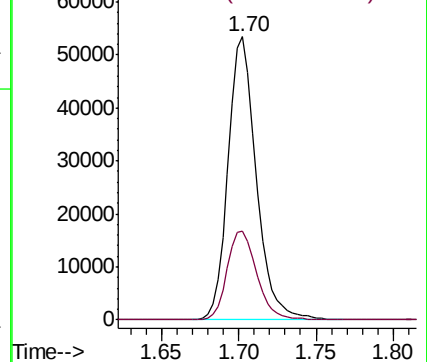
Ion Ratio Lower Upper

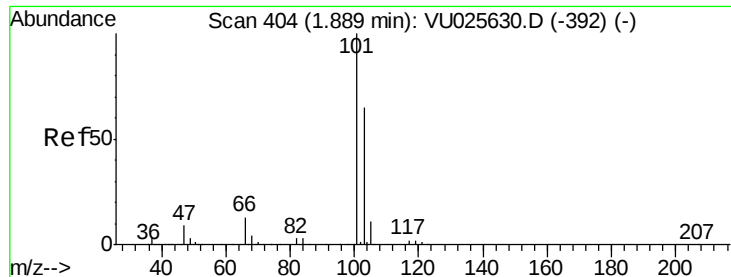
64 100

66 31.5 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VU0
Ion 66.00 (65.70 to 66.70): VU0





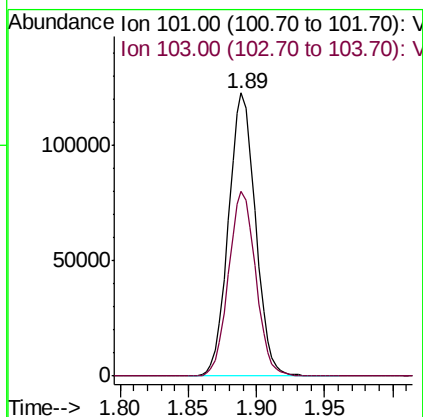
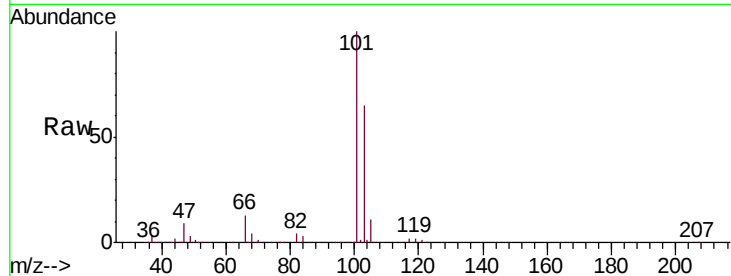
#7

Trichlorofluoromethane
Concen: 11.074 ug/l
RT: 1.89 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.0

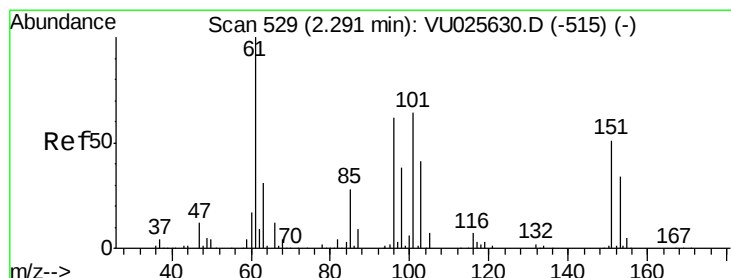
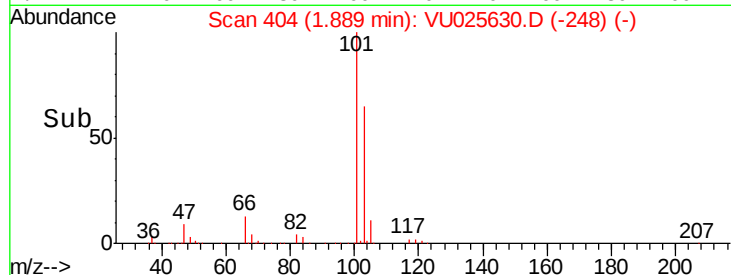
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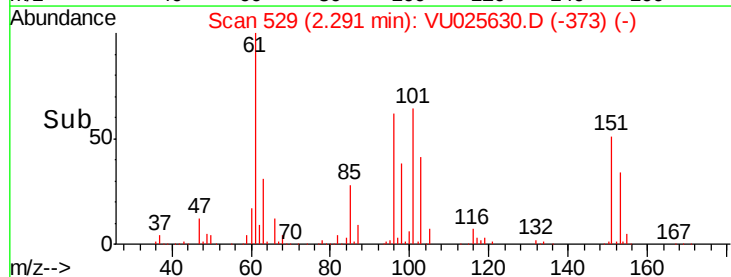
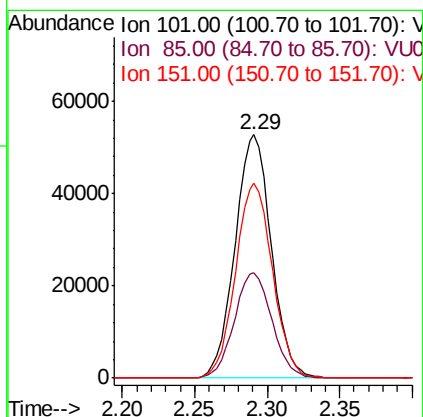
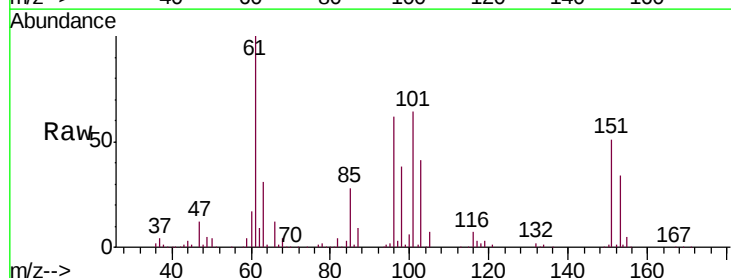
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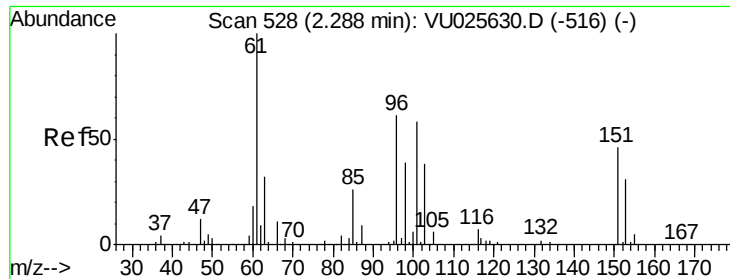


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.828 ug/l
RT: 2.29 min Scan# 529
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.2	52.8
151	81.6	63.5	95.3





#9

1,1-Dichloroethene

Concen: 9.220 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

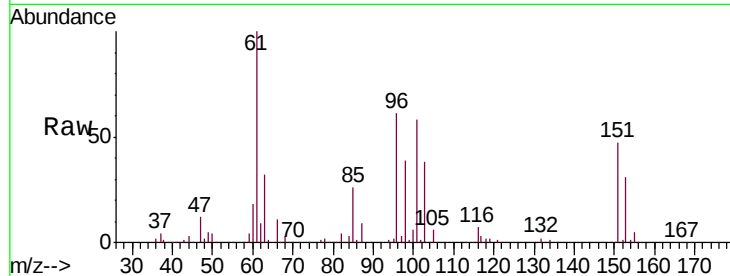
MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:	96	Resp:	80035
Ion	Ratio	Lower	Upper
96	100		
61	163.4	0.0	526.5
98	63.2	0.0	123.4

Manual Integrations
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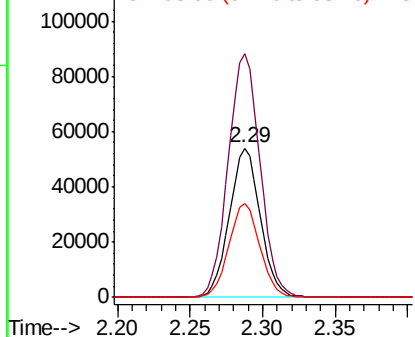


Abundance

Ion 96.00 (95.70 to 96.70): VU025630.D (-516) (-)

Ion 61.00 (60.70 to 61.70): VU025630.D (-516) (-)

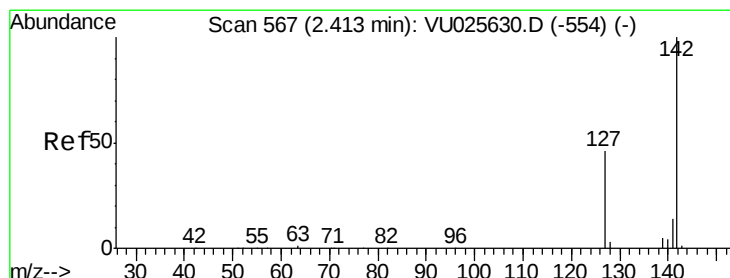
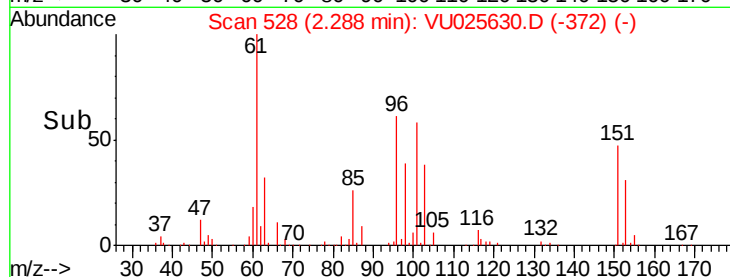
Ion 98.00 (97.70 to 98.70): VU025630.D (-516) (-)



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#10

Iodomethane

Concen: 7.217 ug/l

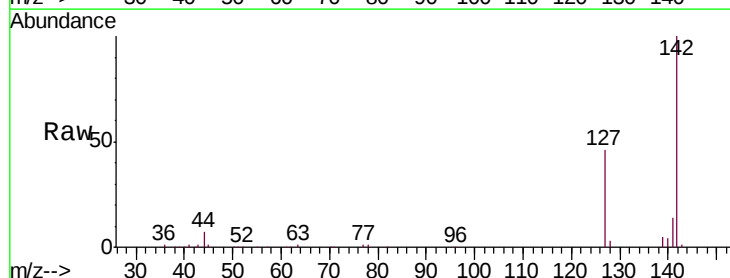
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

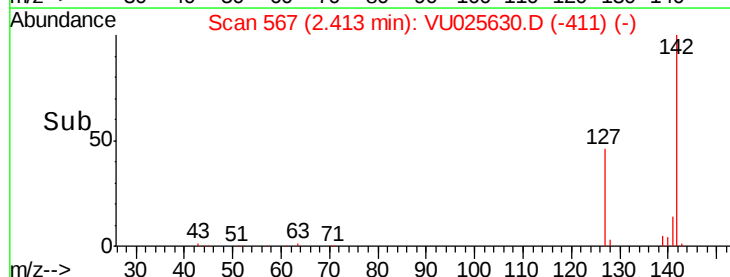
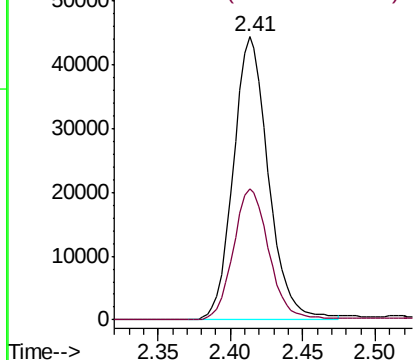
Tgt Ion:	142	Resp:	74501
Ion	Ratio	Lower	Upper
142	100		
127	47.0	34.5	51.7

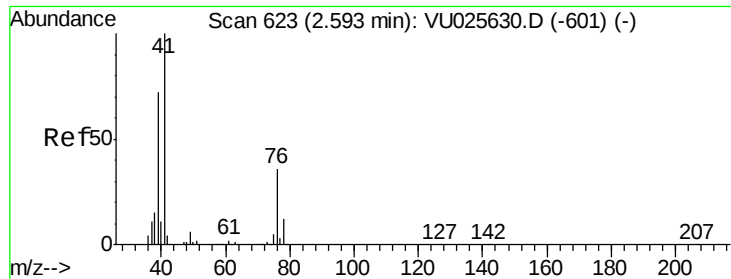


Abundance

Ion 142.00 (141.70 to 142.70): VU025630.D (-554) (-)

Ion 127.00 (126.70 to 127.70): VU025630.D (-554) (-)



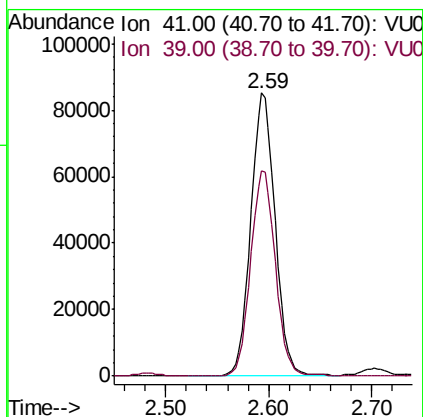
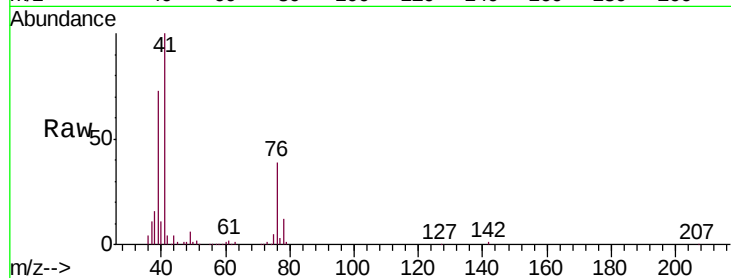


#11
Allvl Chloride
Concen: 8.687 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

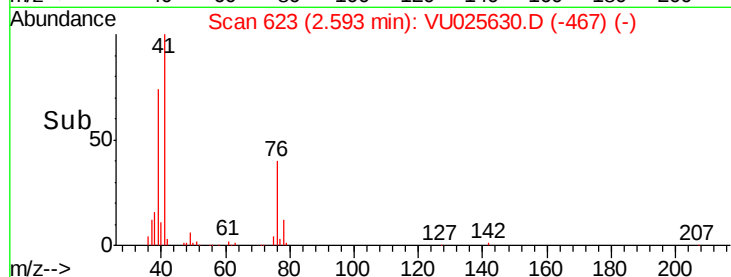
Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion: 41 Resp: 138610
Ion Ratio Lower Upper
41 100
39 73.1 51.4 77.2

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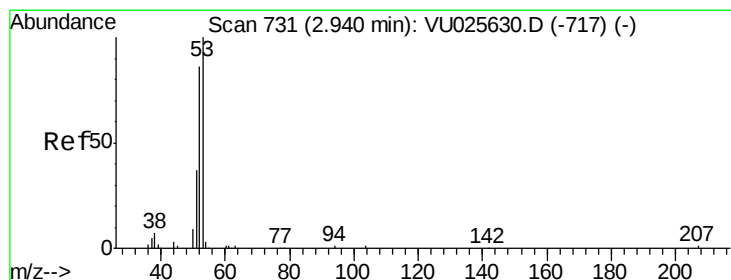


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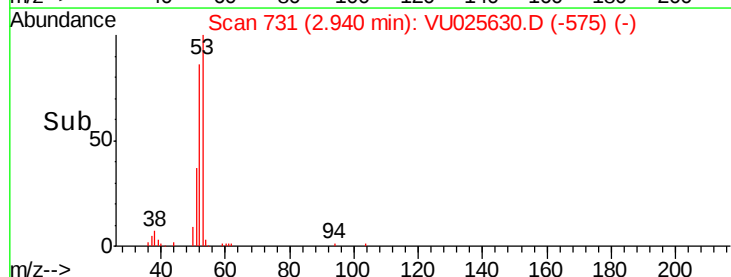
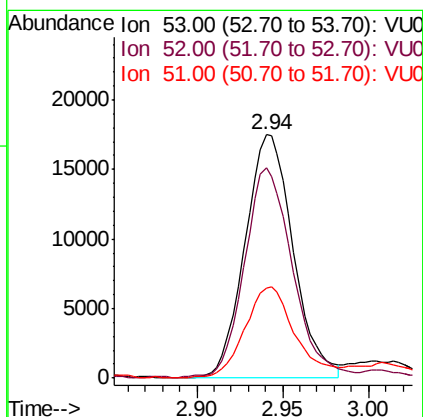
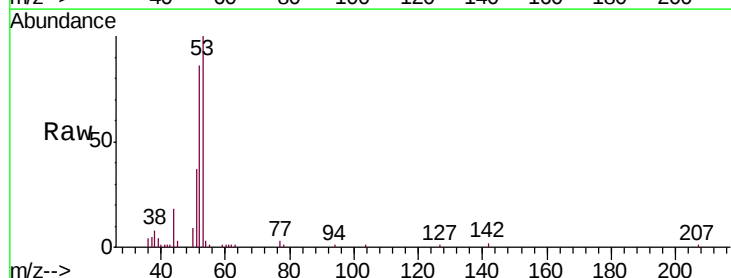
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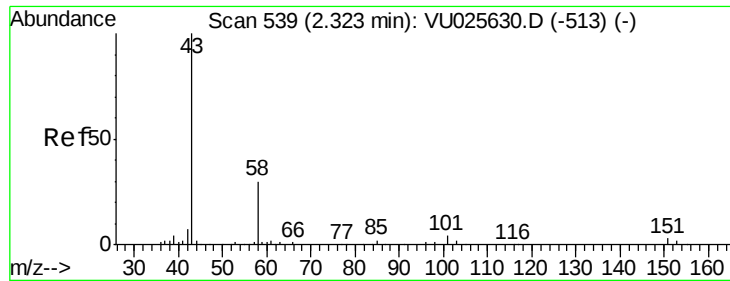
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#12
Acrylonitrile
Concen: 19.005 ug/l
RT: 2.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion: 53 Resp: 34046
Ion Ratio Lower Upper
53 100
52 86.3 65.1 97.7
51 39.1 30.2 45.4



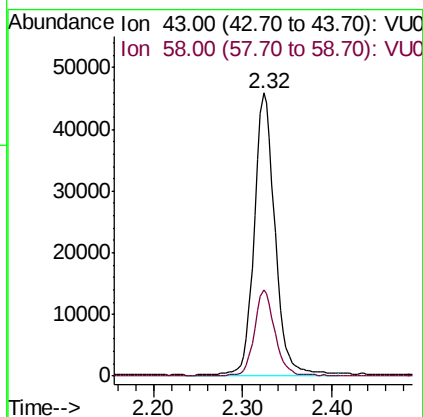
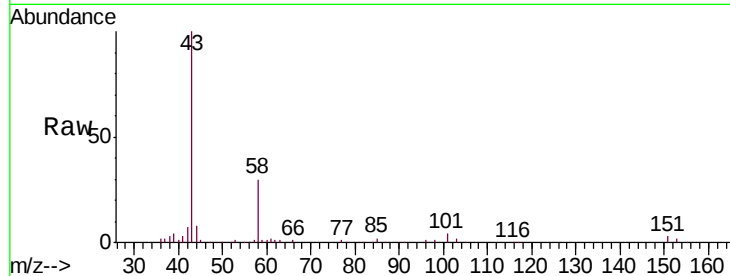


#13
Acetone
Concen: 48.657 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 43 Resp: 73980
Ion Ratio Lower Upper
43 100
58 30.4 26.0 39.0

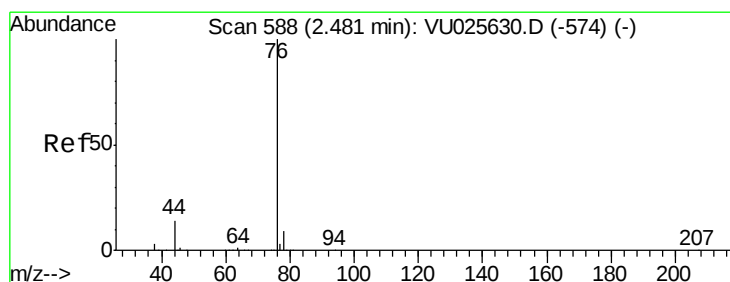
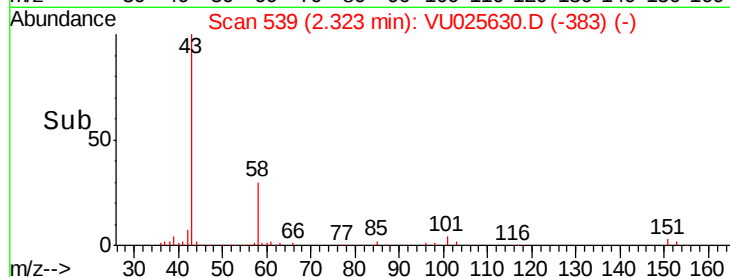
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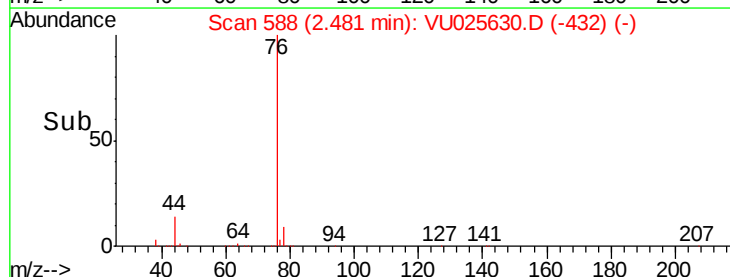
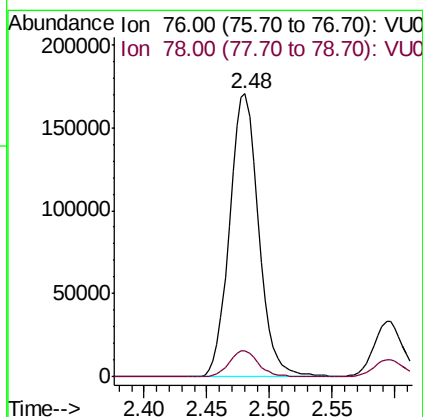
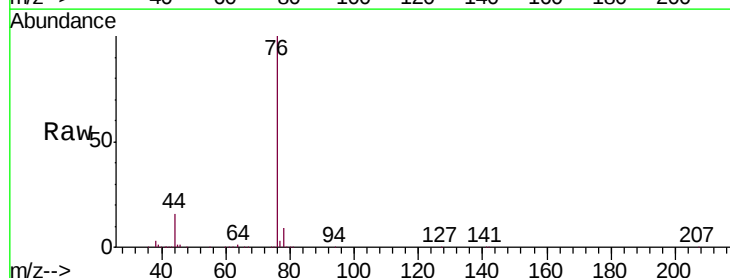
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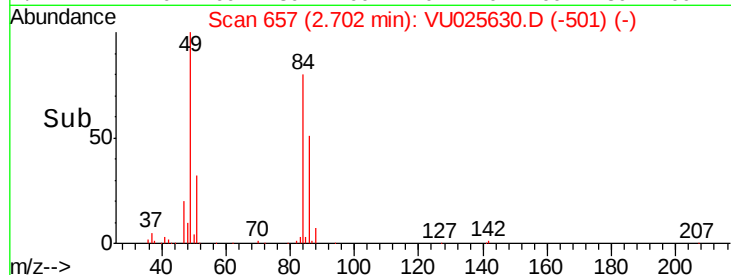
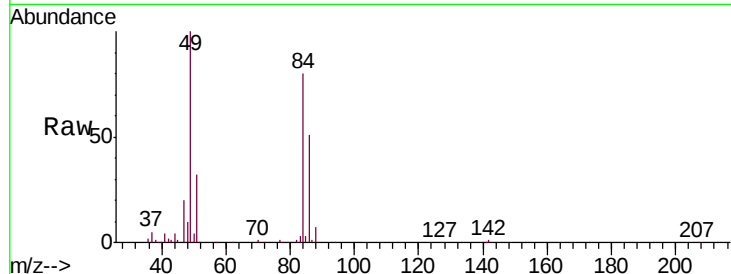
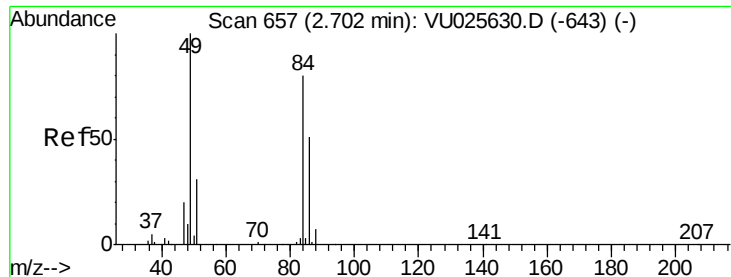
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#14
Carbon Disulfide
Concen: 9.609 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

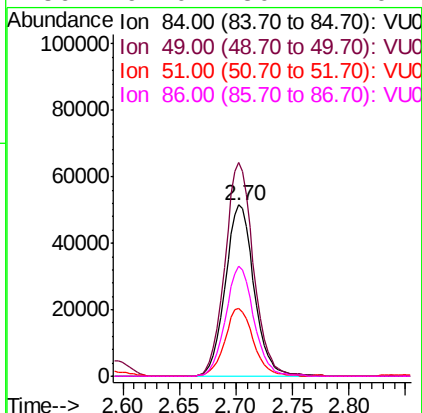
Tgt Ion: 76 Resp: 274420
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#15
Methvlene Chloride
Concen: 9.241 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tot Ion:	84	Resp:	91374
Ion	Ratio	Lower	Upper
84	100		
49	124.9	108.7	163.1
51	39.5	0.0	82.4
86	64.0	50.7	76.1



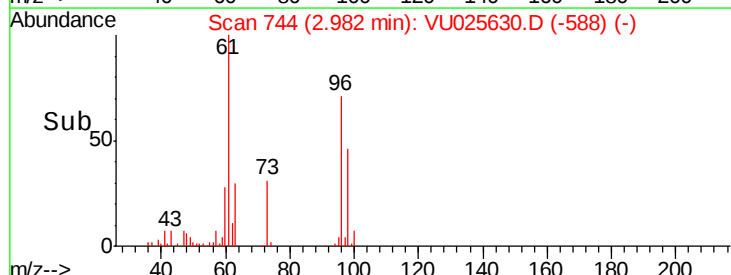
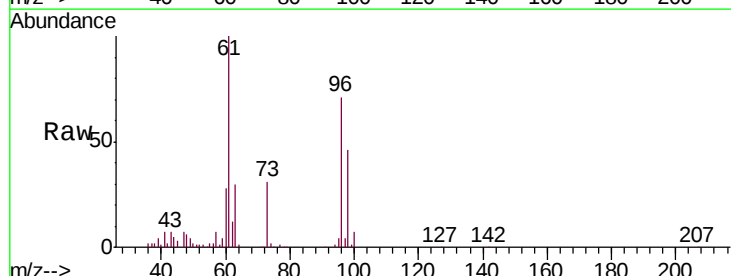
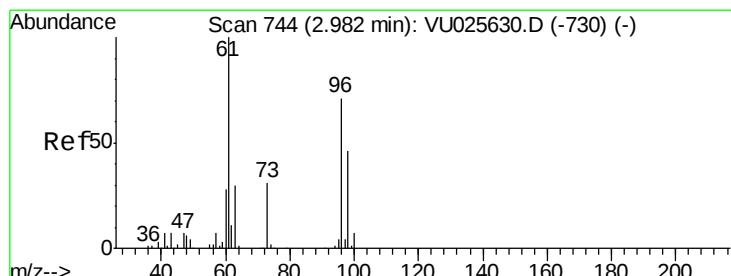
Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

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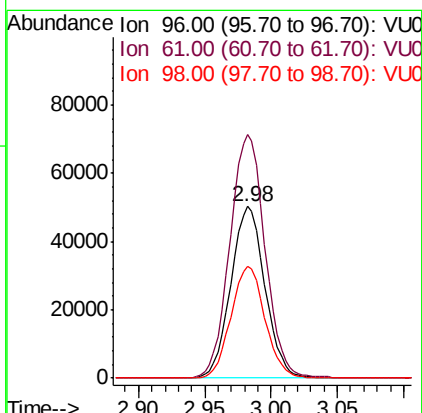
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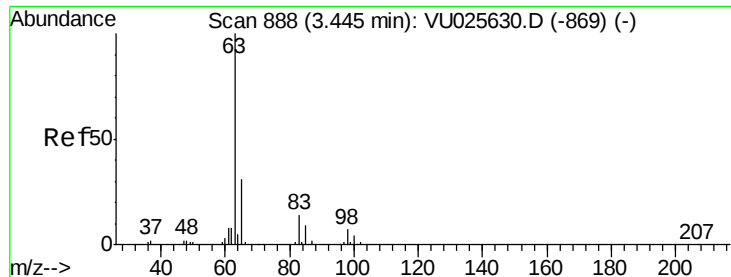
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#16
trans-1,2-Dichloroethene
Concen: 9.679 ug/l
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion:	96	Resp:	90026
Ion	Ratio	Lower	Upper
96	100		
61	141.5	123.9	185.9
98	65.2	50.6	76.0



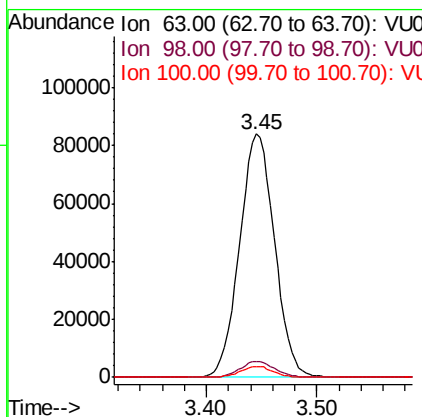
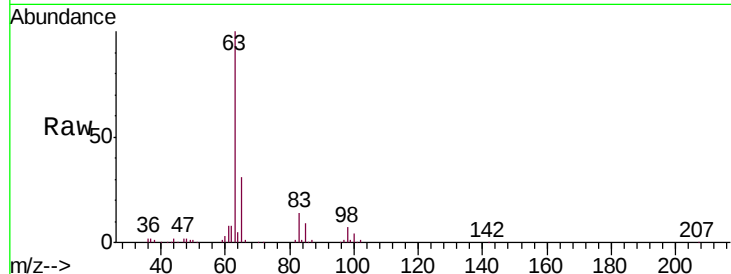


#17
 1,1-Dichloroethane
 Concen: 10.062 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.9	8.8
100	4.5	2.0	5.8

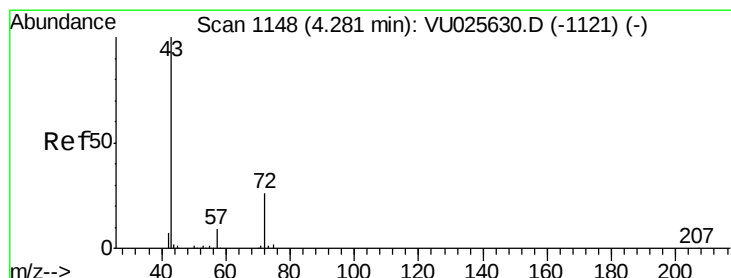
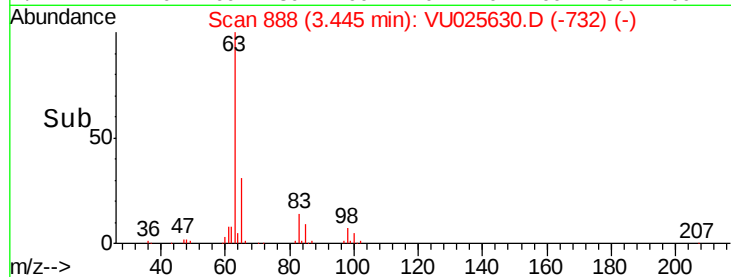
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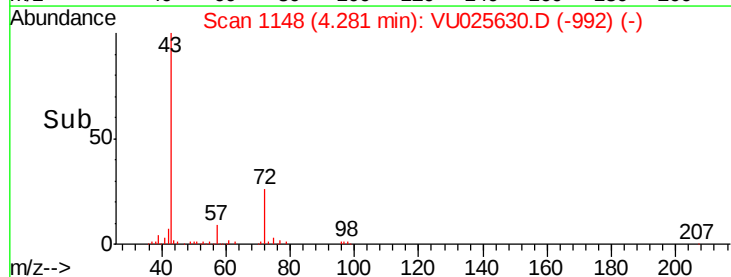
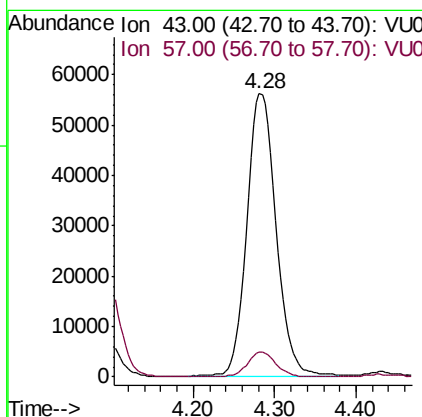
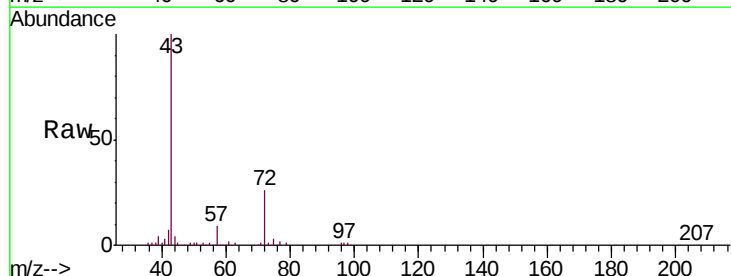
apatel

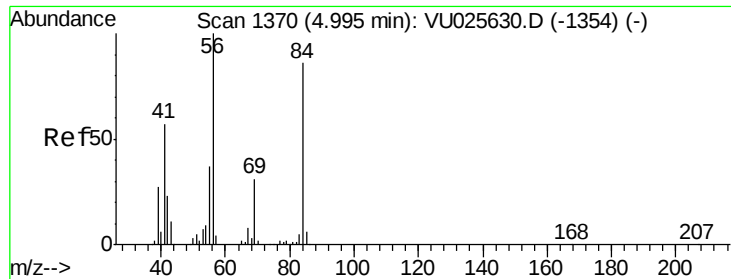
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#18
 2-Butanone
 Concen: 56.711 ug/l
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	0.0	15.8



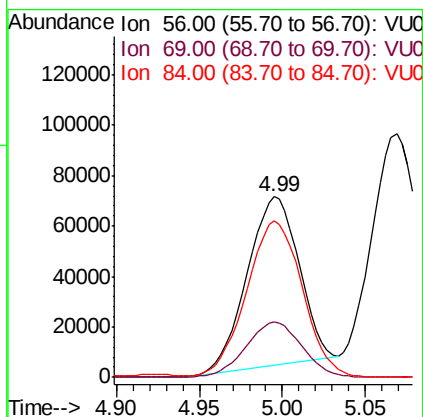
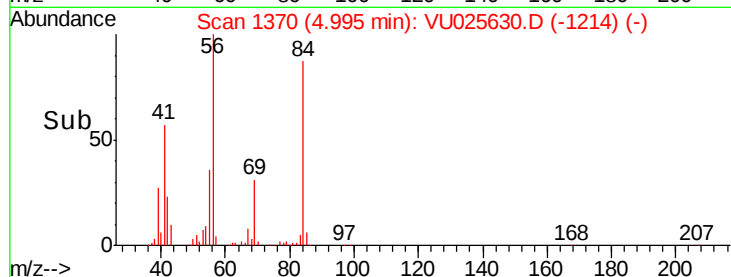
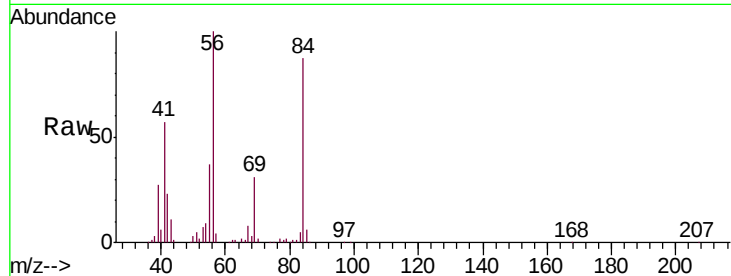


#19
Cyclohexane
Concen: 9.198 ug/l
RT: 4.99 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.0	39.0
84	99.3	68.3	102.5

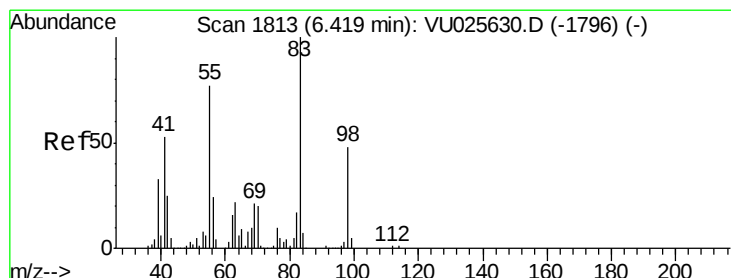
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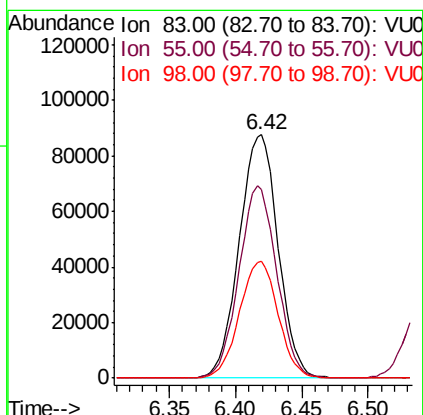
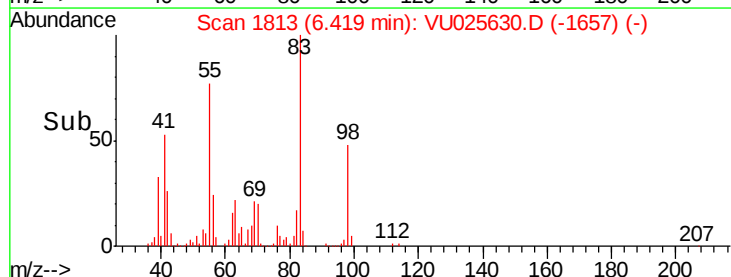
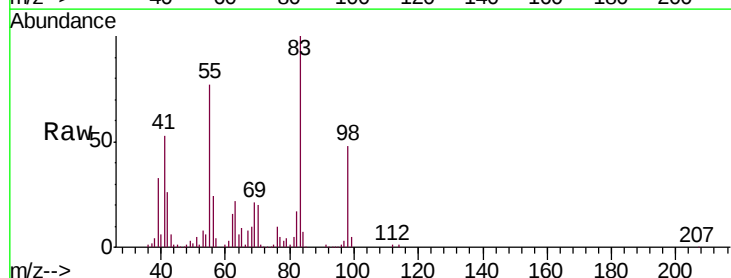
apatel

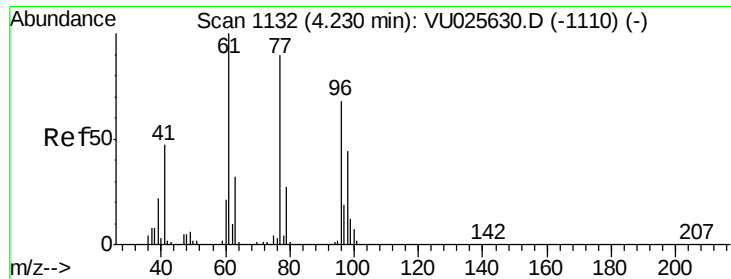
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#20
Methylcyclohexane
Concen: 11.010 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.0	66.4	99.6
98	47.9	35.4	53.2



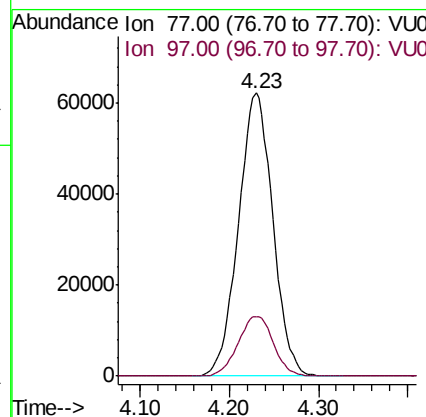
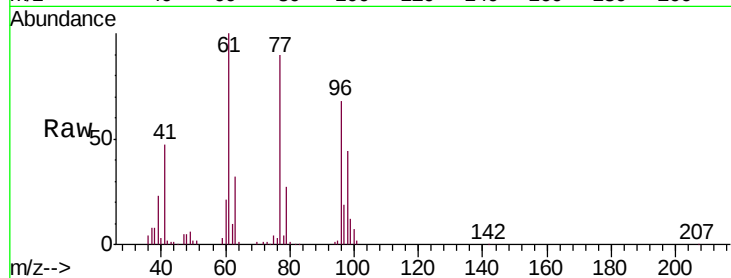


#21
2,2-Dichloropropane
Concen: 11.432 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

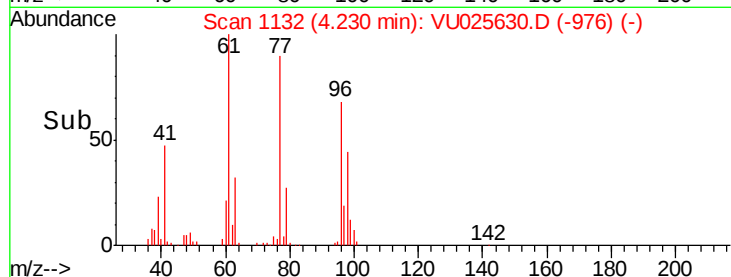
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 77 Resp: 166076
Ion Ratio Lower Upper
77 100
97 21.6 17.9 26.9

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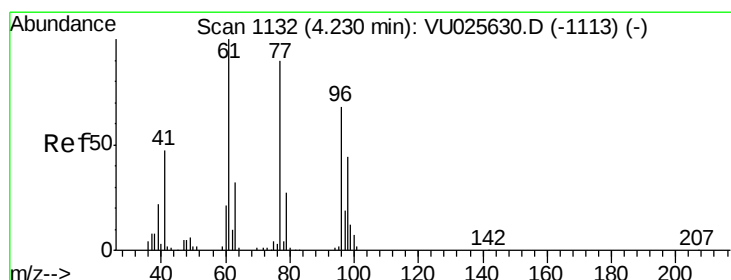


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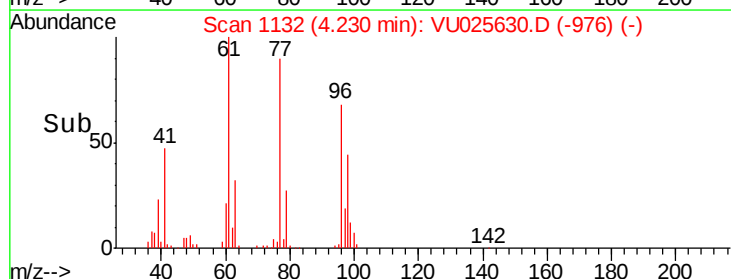
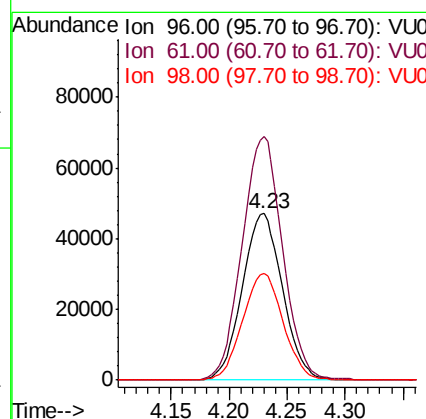
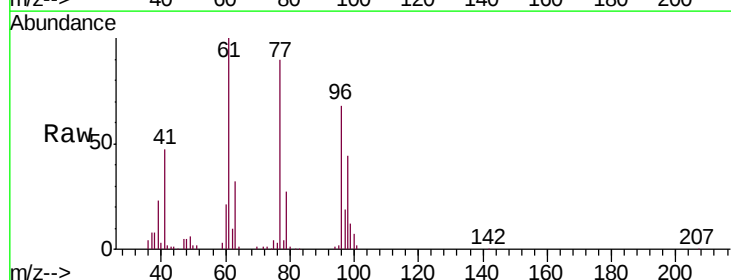
apatel

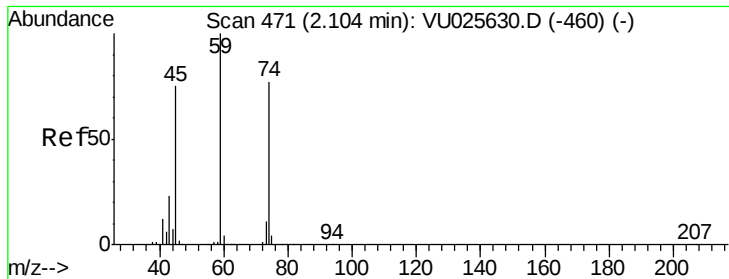
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#22
cis-1,2-Dichloroethene
Concen: 11.319 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion: 96 Resp: 113919
Ion Ratio Lower Upper
96 100
61 147.5 0.0 400.5
98 64.8 32.2 96.6



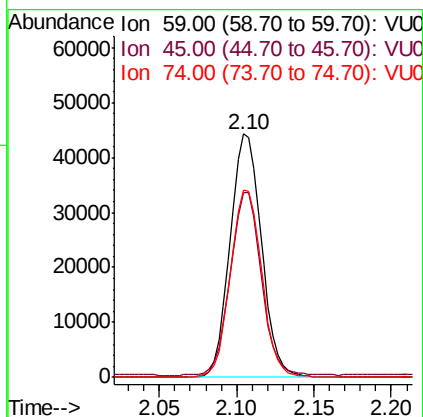
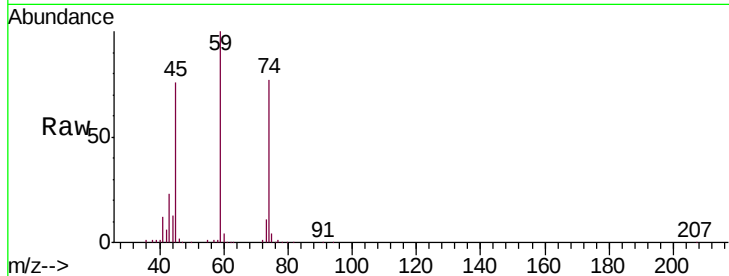


#23
Diethyl Ether
Concen: 8.752 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	74.3	60.0	90.0
74	77.0	56.5	84.7

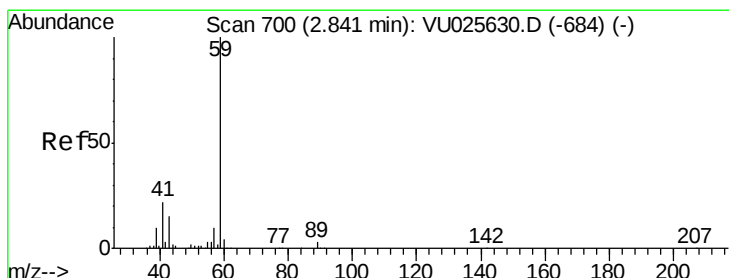
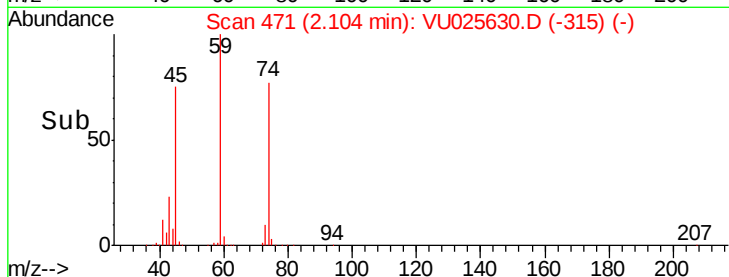
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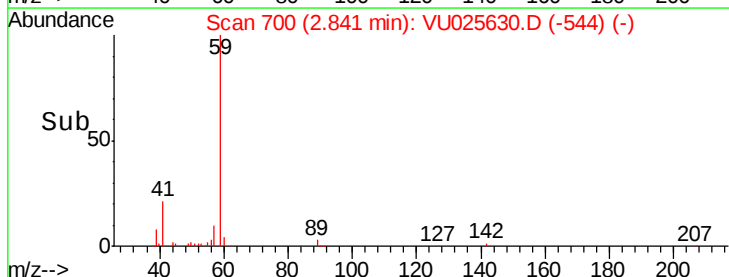
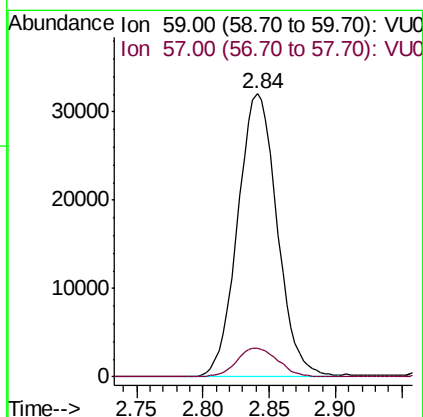
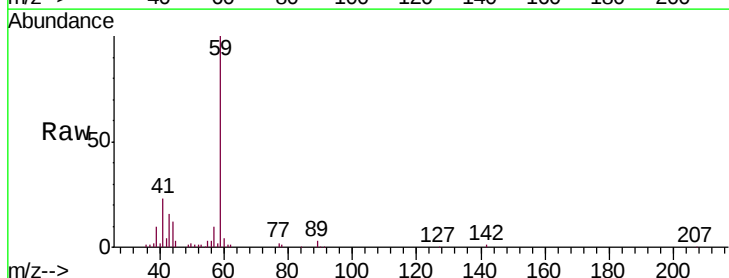
apatel

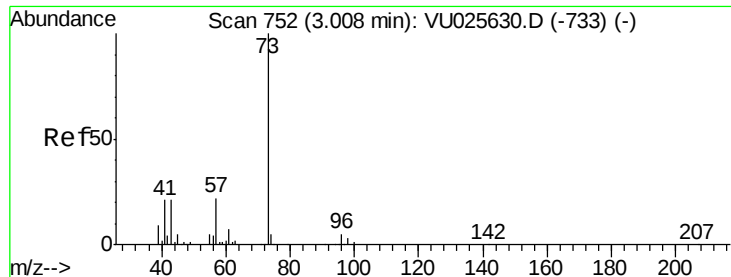
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#24
tert-Butyl Alcohol
Concen: 124.149 ug/l
RT: 2.84 min Scan# 700
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	3.4	5.2#



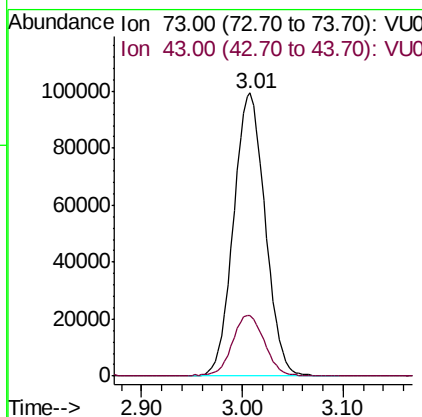
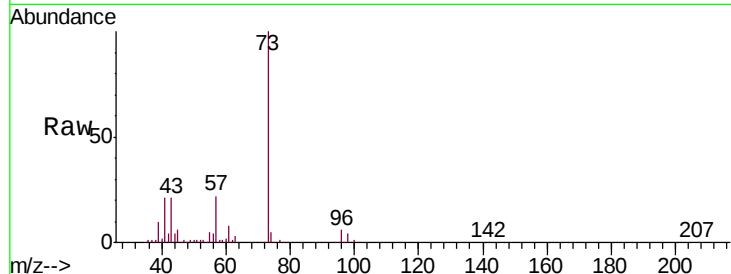


#25
Methvl tert-Butvl Ether
Concen: 9.904 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

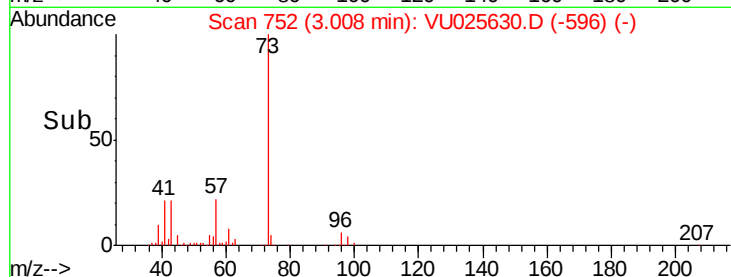
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.5	16.2	24.2

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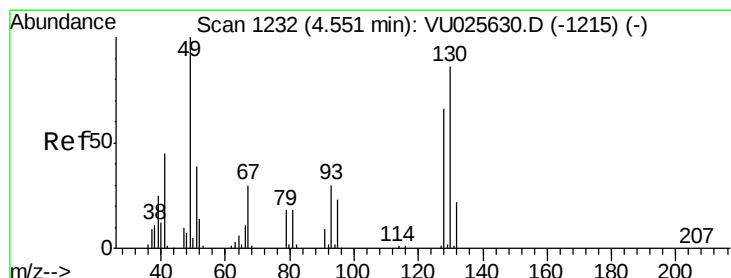


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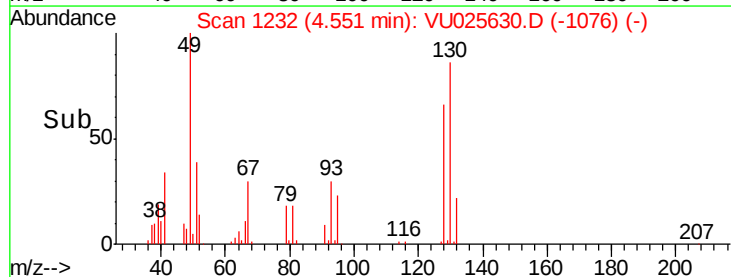
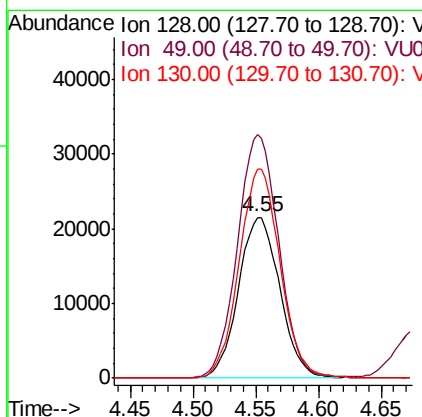
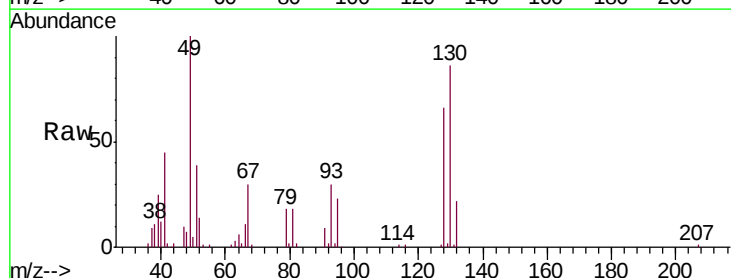
apatel

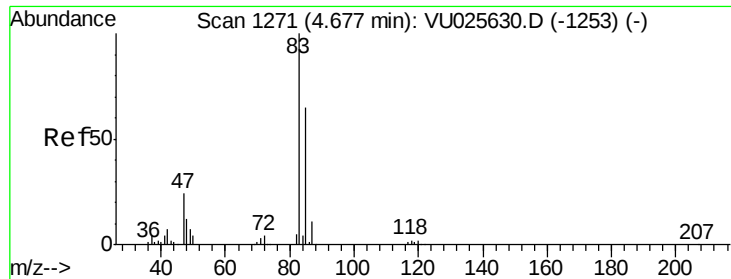
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#26
Bromochloromethane
Concen: 12.447 ug/l
RT: 4.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
128	100		
49	151.0	0.0	375.2
130	128.9	105.8	158.6



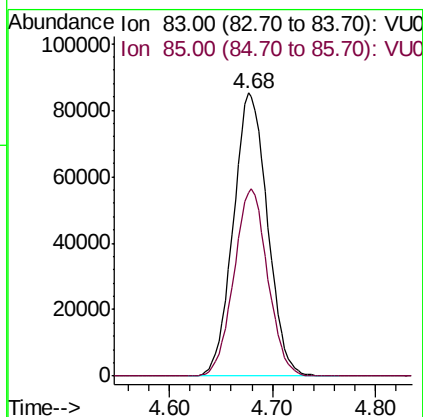
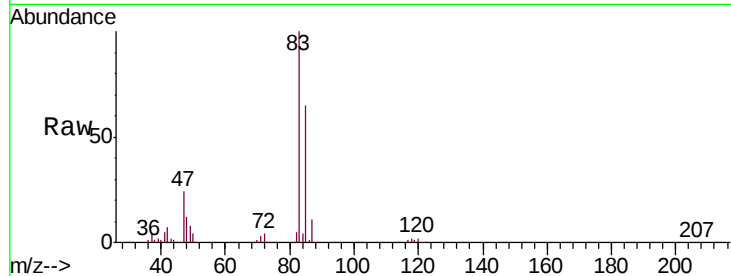


#27
Chloroform
Concen: 11.373 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

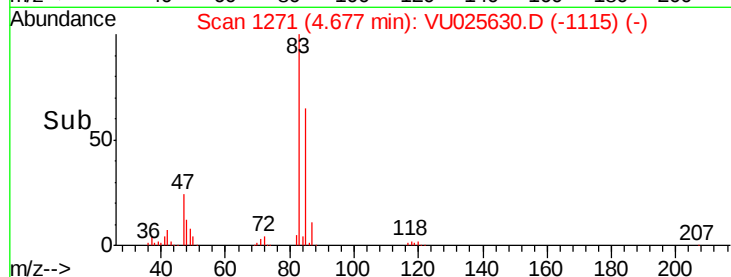
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	83	Resp	196214
Ion Ratio	100	Lower	Upper
85	64.9	0.0	128.4

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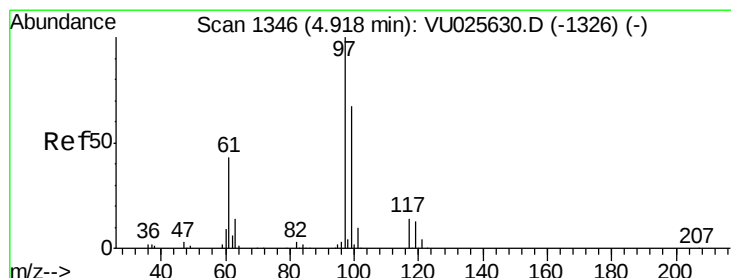


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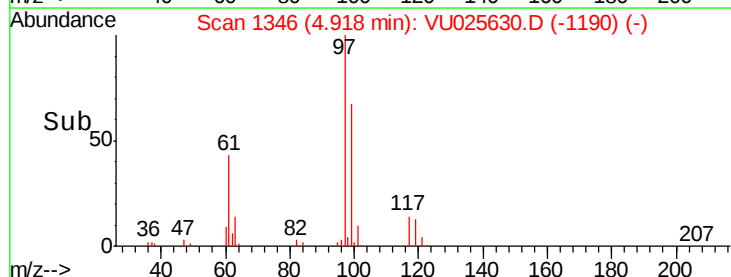
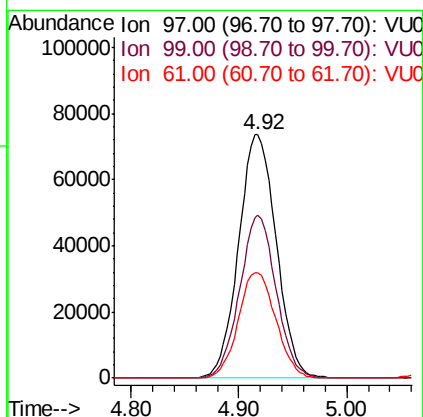
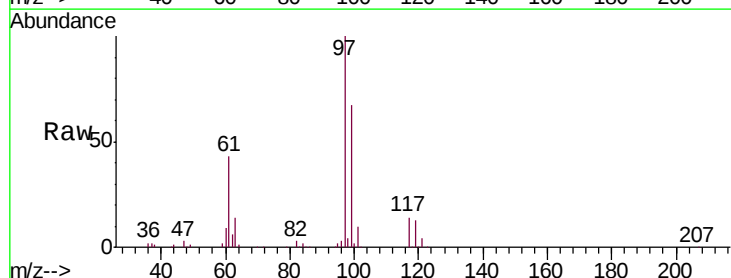
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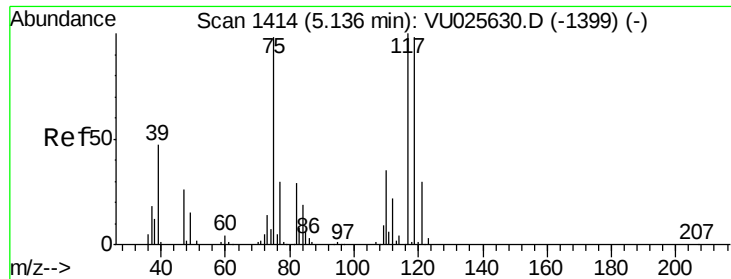
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#28
1,1,1-Trichloroethane
Concen: 12.641 ug/l
RT: 4.92 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	97	Resp	178902
Ion Ratio	100	Lower	Upper
99	64.8	32.3	96.9
61	43.5	23.2	69.5



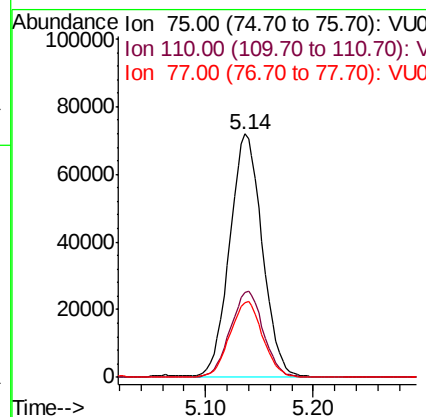
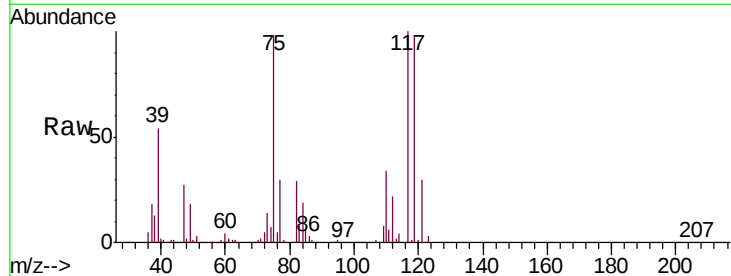


#29
 1,1-Dichloropropene
 Concen: 10.938 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

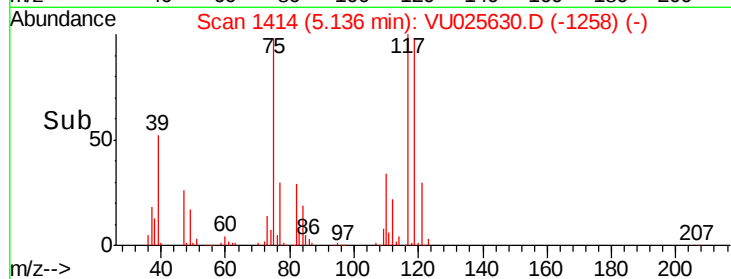
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	75	Resp:	151888
Ion Ratio	Lower	Upper	
75	100		
110	35.8	16.9	50.7
77	31.5	24.8	37.2

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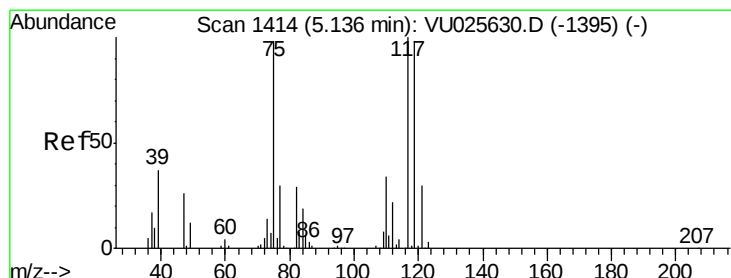


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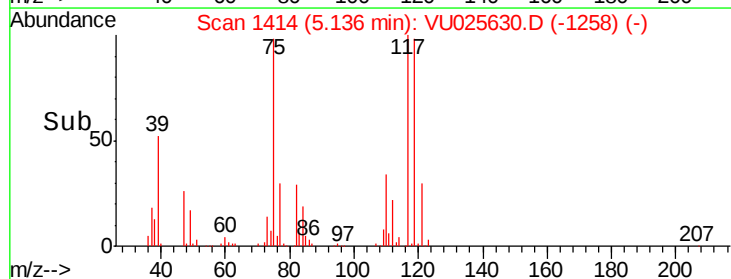
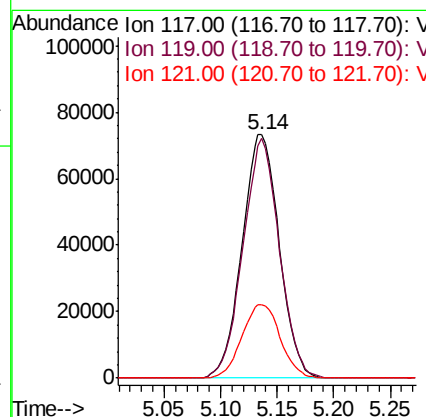
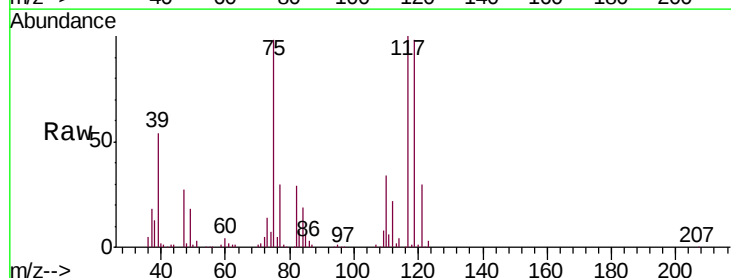
apatel

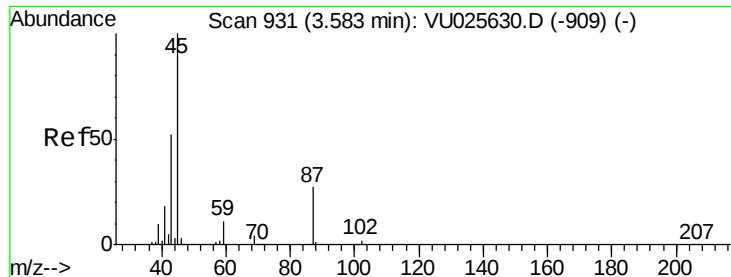
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#30
 Carbon Tetrachloride
 Concen: 14.038 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:	117	Resp:	167151
Ion Ratio	Lower	Upper	
117	100		
119	98.2	77.3	115.9
121	30.1	24.5	36.7





#31

Isopropyl Ether

Concen: 9.410 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tot Ion: 45 Resp: 290982

Ion Ratio Lower Upper

45 100

43 52.1 24.0 72.0

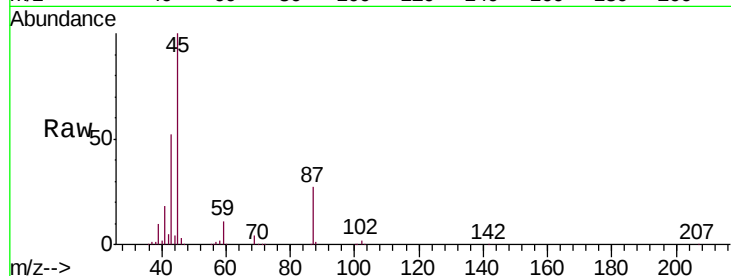
Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

Manual Integrations
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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) (-)

3.58

100000

50000

0

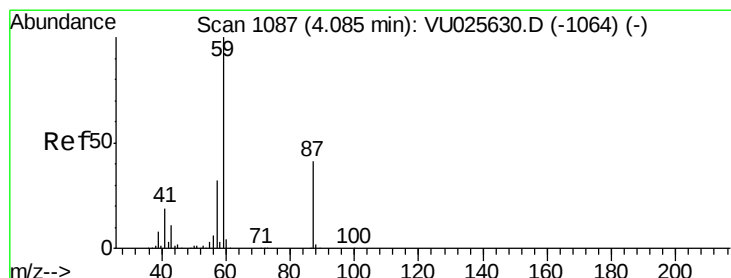
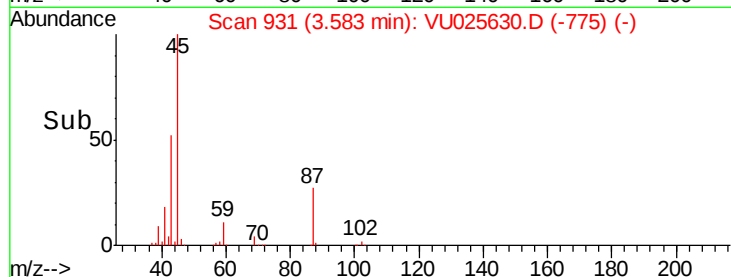
Time-->

3.50 3.60 3.70

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#32

Ethyl-t-butyl ether

Concen: 10.468 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU025630.D

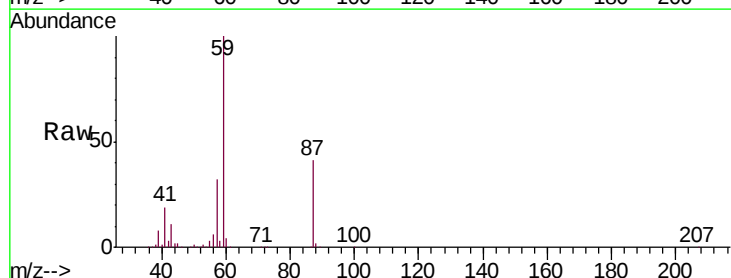
Acq: 25 Jul 2018 11:26

Tgt Ion: 59 Resp: 276616

Ion Ratio Lower Upper

59 100

87 42.2 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) (-)

4.09

100000

80000

60000

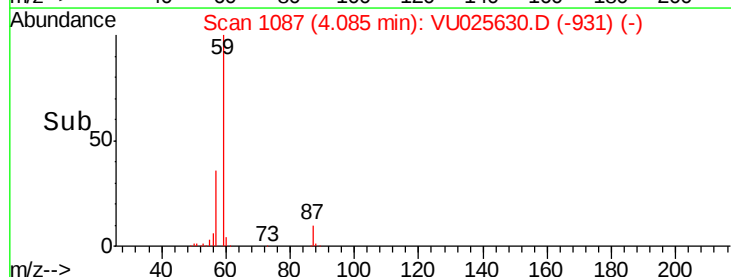
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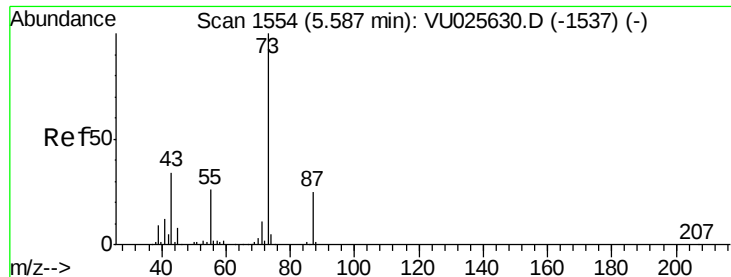
20000

0

Time-->

4.00 4.10 4.20



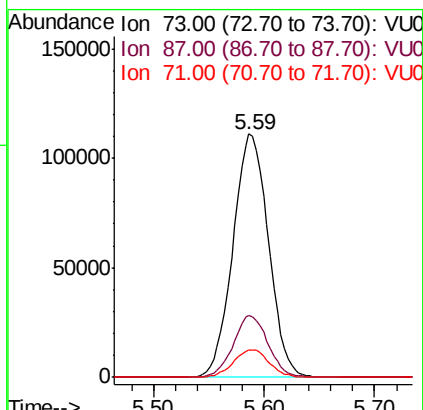
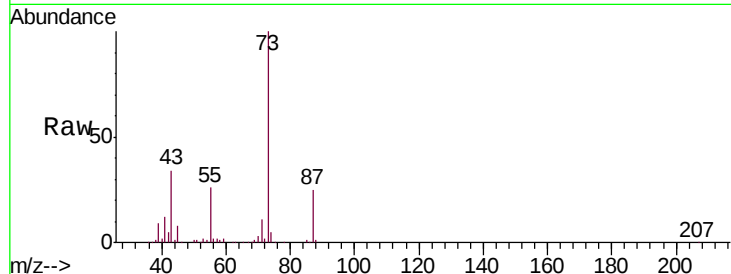


#33
Tert-Butyl methyl ether
Concen: 11.047 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampled :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.9	18.6	28.0
71	11.5	9.3	13.9

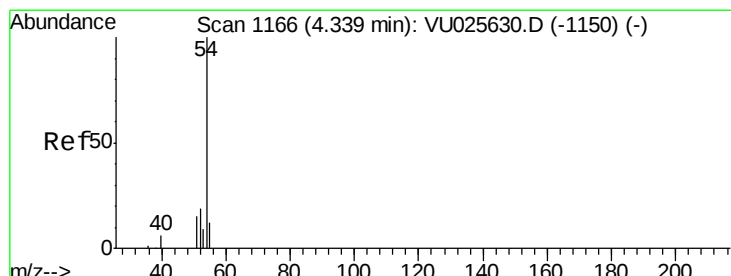
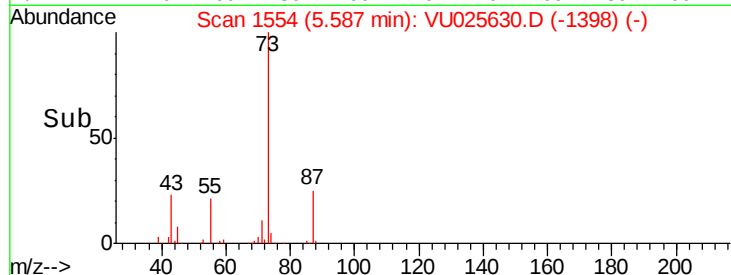
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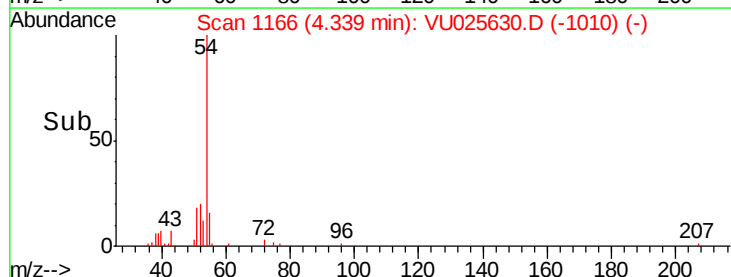
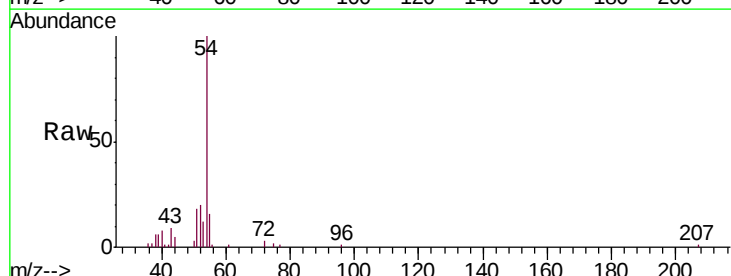
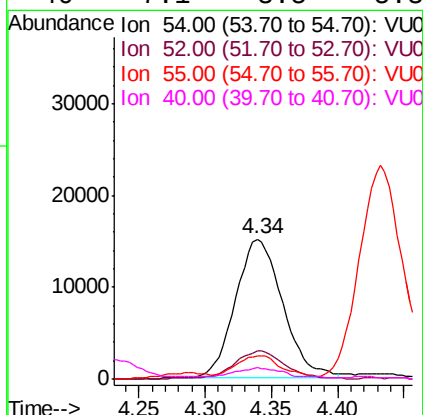
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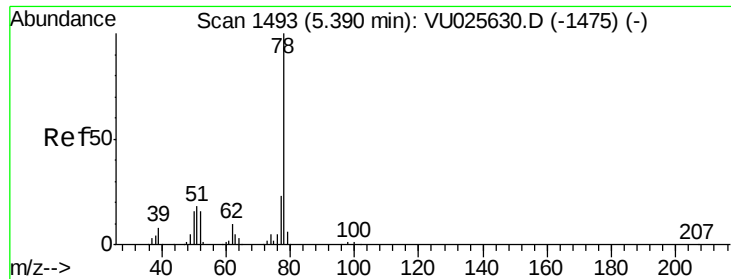
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#34
Propionitrile
Concen: 53.366 ug/l
RT: 4.34 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.8	13.7	20.5
55	15.8	10.2	15.2#
40	7.1	3.5	5.3#





#35

Benzene

Concen: 10.121 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

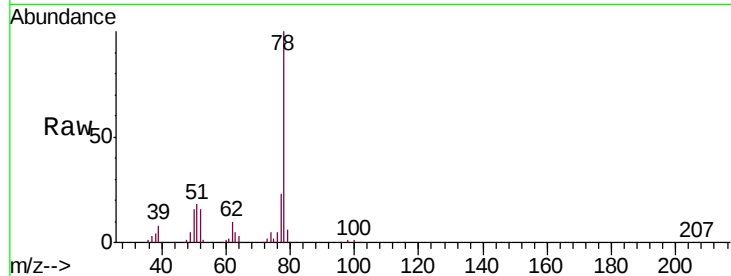
Tot Ion: 78 Resp: 417739

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

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Abundance Ion 78.10 (77.80 to 78.80): VU025630.D (-1475) (-)

Ion 77.00 (76.70 to 77.70): VU025630.D (-1475) (-)

5.39

200000

150000

100000

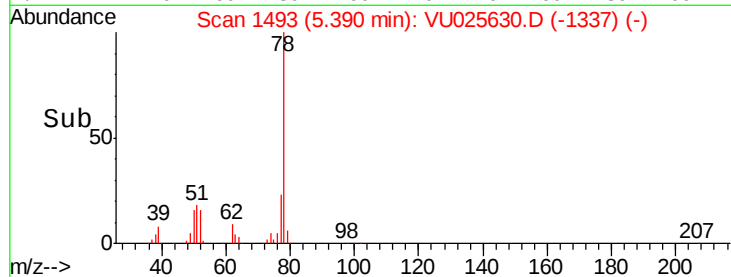
50000

0

Time-->

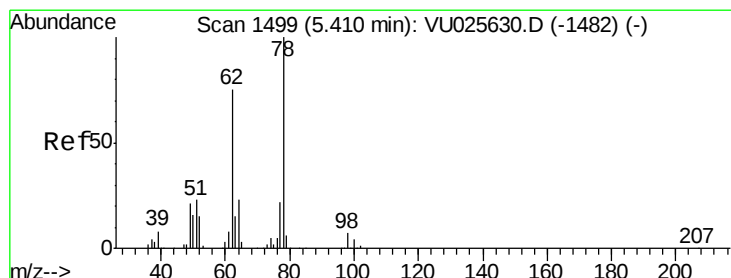
5.30 5.40 5.50

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#36

1,2-Dichloroethane

Concen: 11.003 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU025630.D

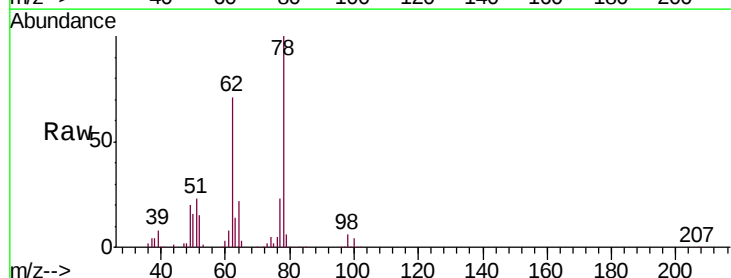
Acq: 25 Jul 2018 11:26

Tgt Ion: 62 Resp: 128445

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VU025630.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VU025630.D (-1482) (-)

5.41

60000

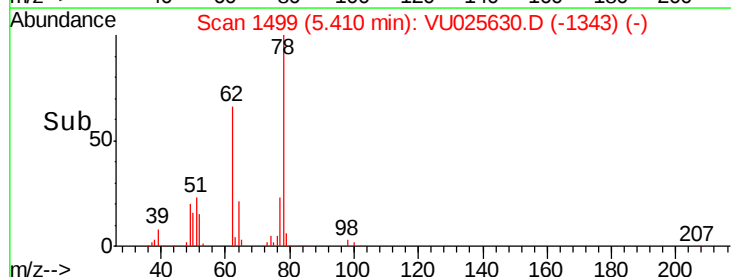
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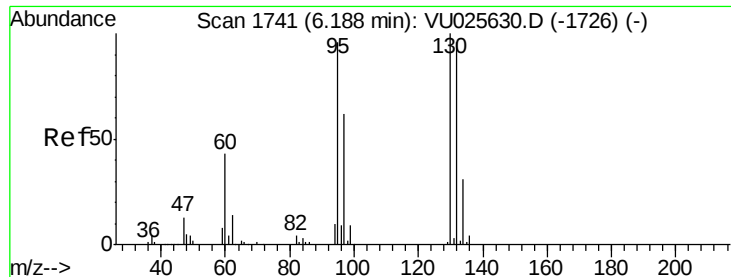
20000

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Time-->

5.30 5.40 5.50



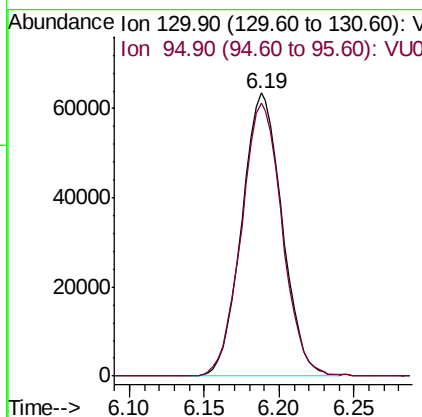
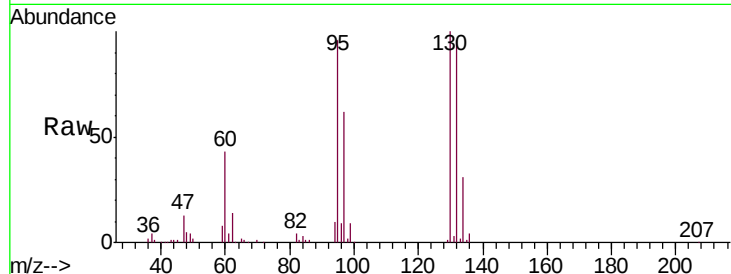


#37
 Trichloroethene
 Concen: 10.770 ug/l
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
130	100	119330		
95	96.4	77.9	116.9	

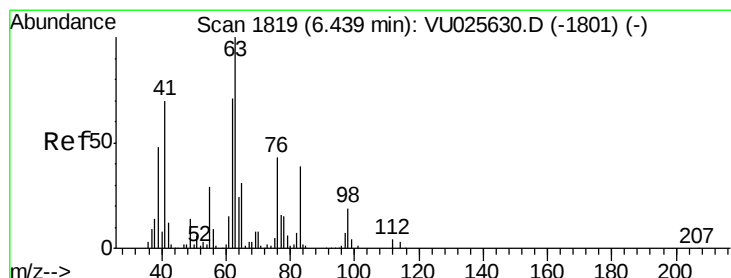
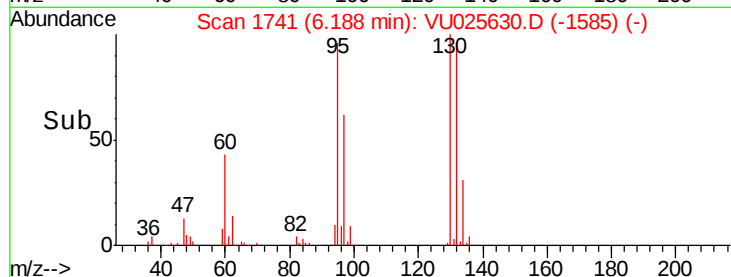
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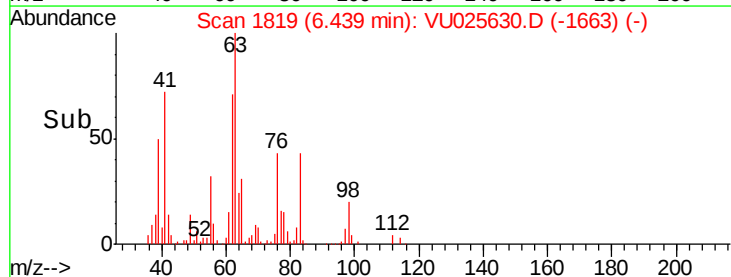
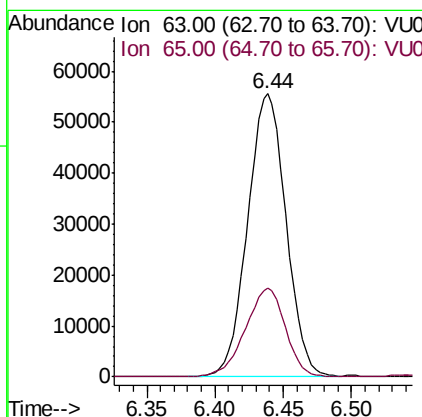
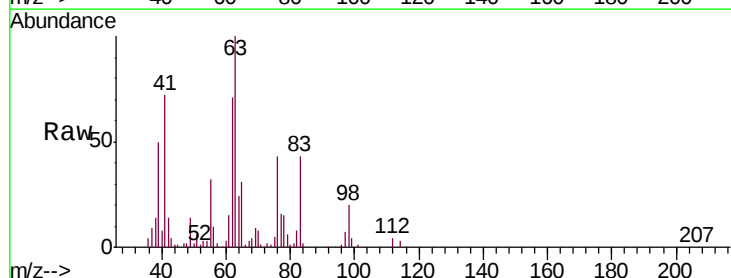
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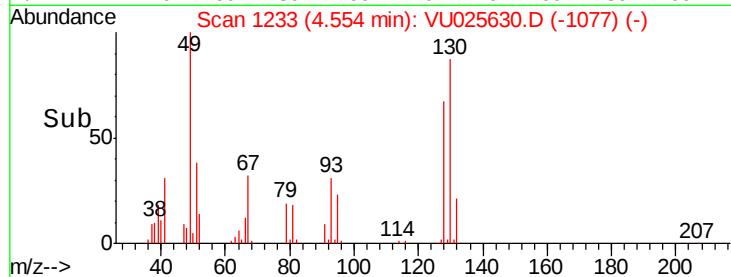
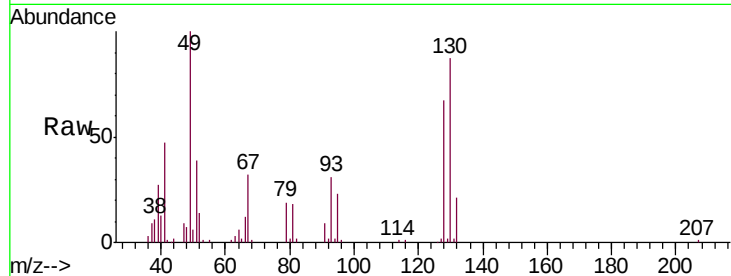
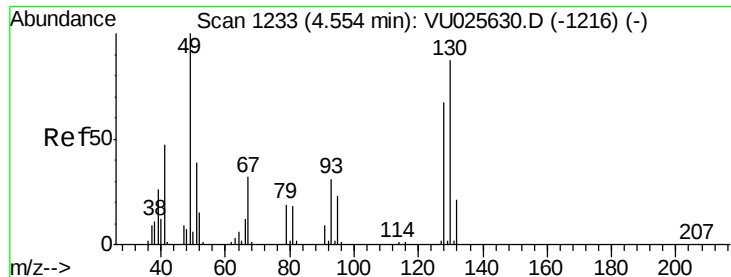
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#38
 1,2-Dichloropropane
 Concen: 9.597 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

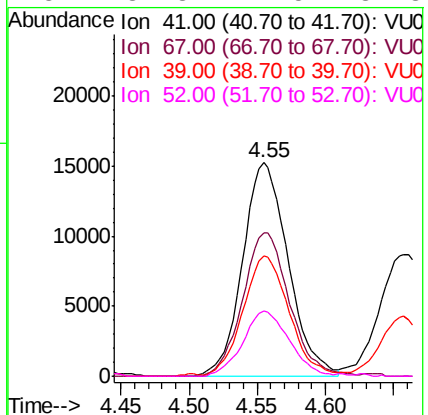
Tgt Ion	Ratio	Resp	Lower	Upper
63	100	108637		
65	31.4	25.8	38.8	





#39
Methacrylonitrile
Concen: 9.890 ug/l
RT: 4.55 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tot Ion	Ratio	Lower	Upper
41	100		
67	68.8	51.3	76.9
39	55.3	40.6	60.8
52	31.3	21.5	32.3



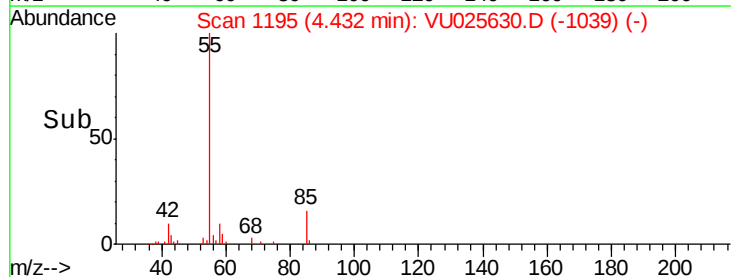
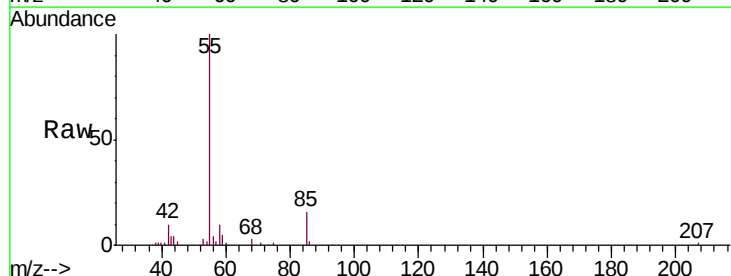
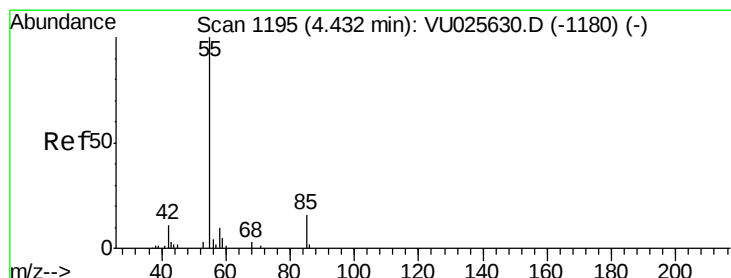
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

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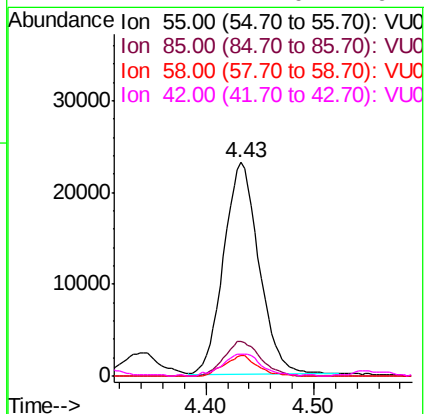
apatel

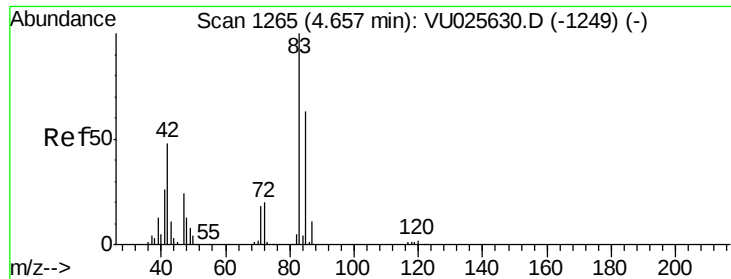
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#40
Methyl acrylate
Concen: 10.678 ug/l
RT: 4.43 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
55	100		
85	16.6	12.3	18.5
58	9.0	7.0	10.6
42	11.2	7.0	10.4#



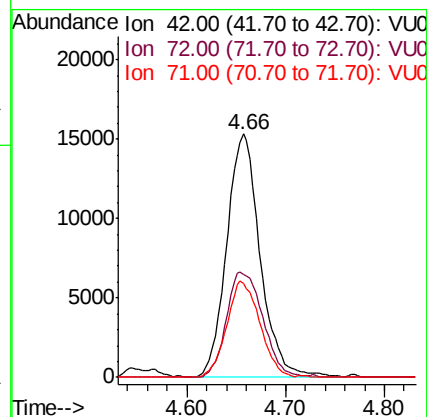
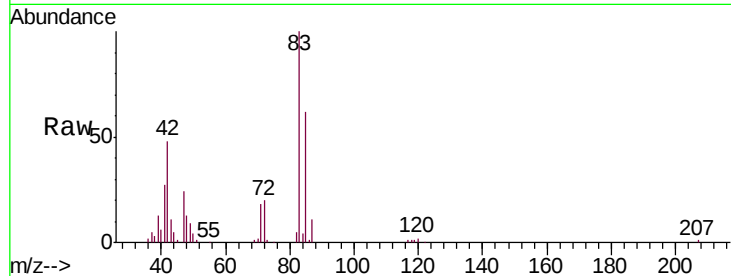


#41
Tetrahydrofuran
Concen: 19.747 ug/l
RT: 4.66 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	33.2	49.8
71	39.0	29.8	44.8

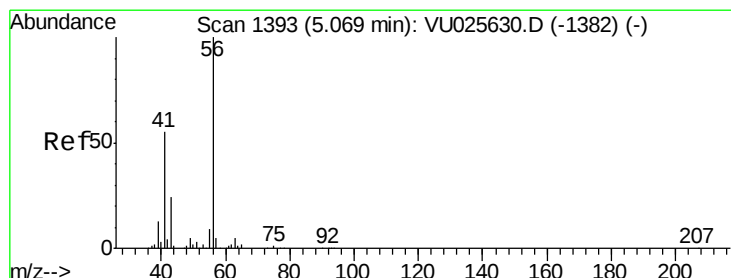
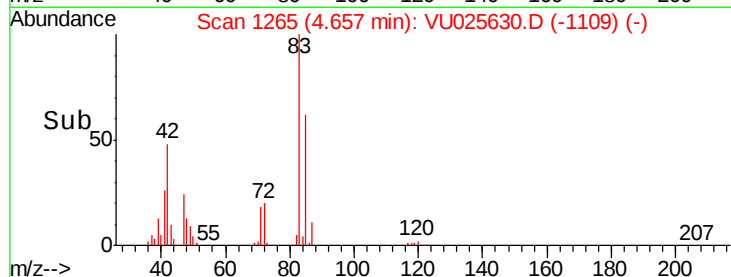
Manual Integrations
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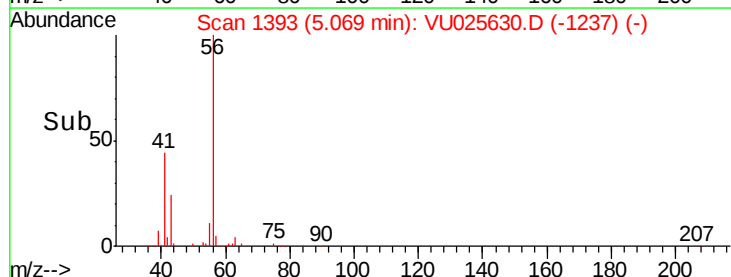
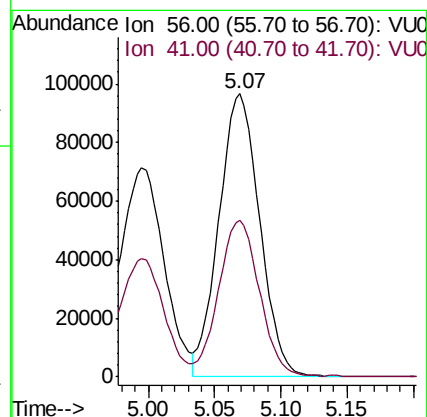
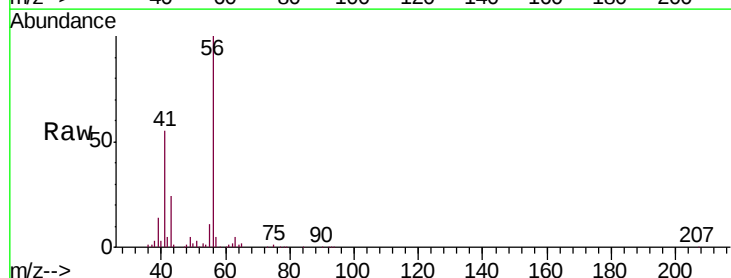
apatel

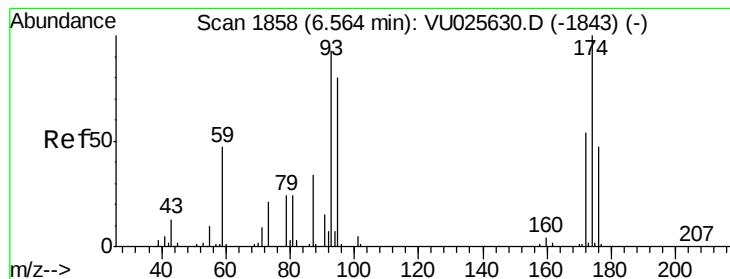
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#42
1-Chlorobutane
Concen: 10.219 ug/l
RT: 5.07 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
56	100		
41	55.0	27.5	82.5





#43

Dibromomethane

Concen: 11.789 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

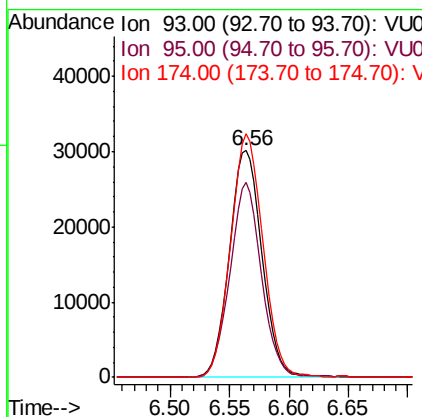
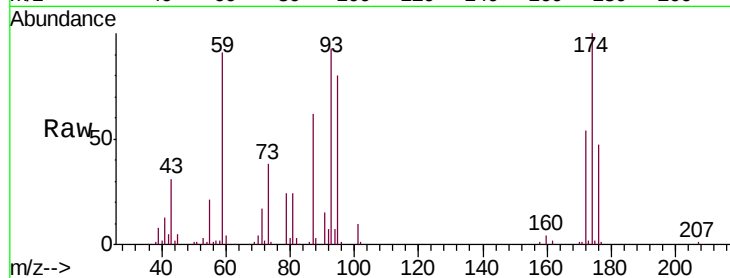
MSVOA_U

ClientSampled :

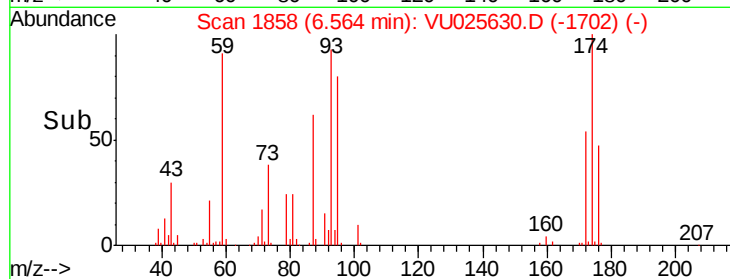
VSTDICCC010

Tot Ion:	93	Resp:	57397
Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.2	100.8
174	106.2	82.8	124.2

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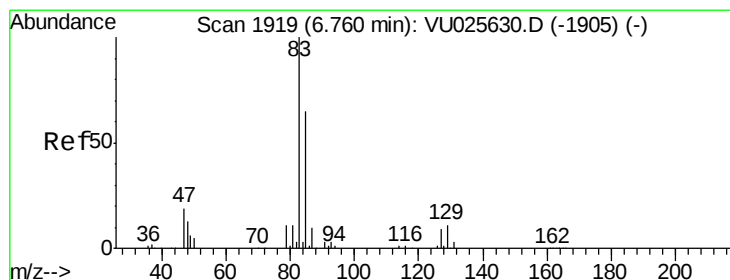


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#44

Bromodichloromethane

Concen: 11.814 ug/l

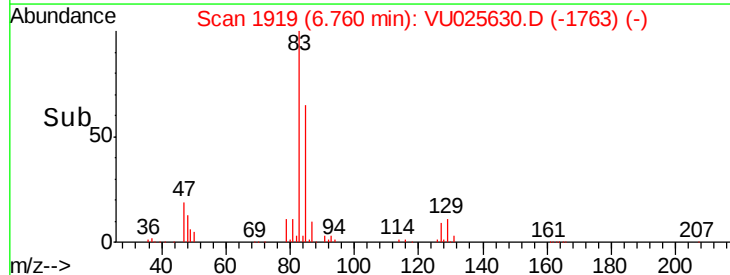
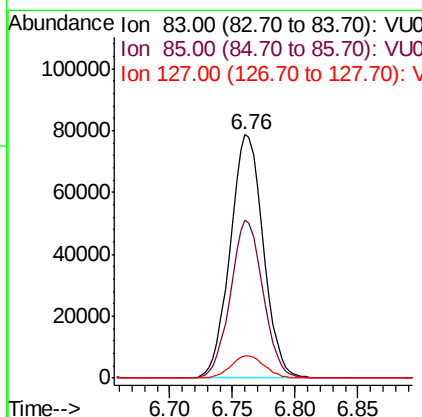
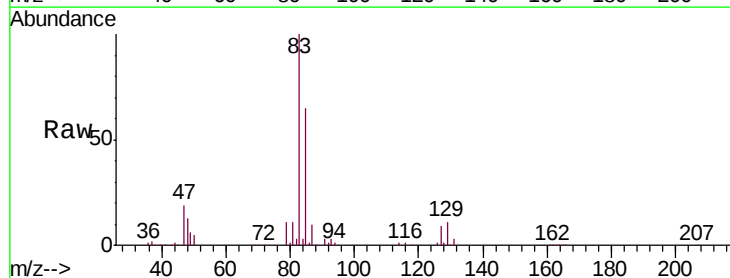
RT: 6.76 min Scan# 1919

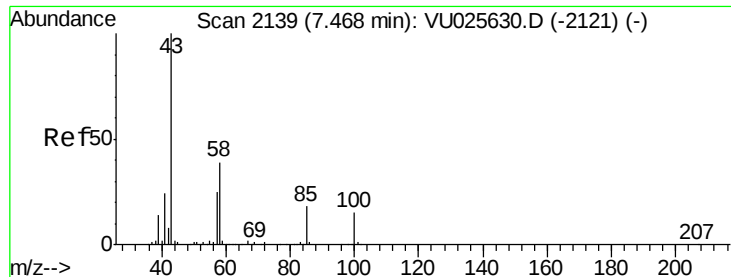
Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tgt Ion:	83	Resp:	144538
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.2	78.4
127	9.0	7.0	10.4



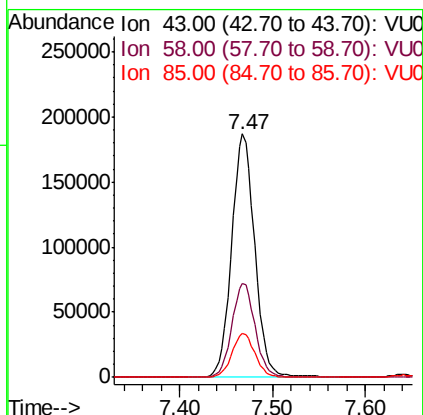
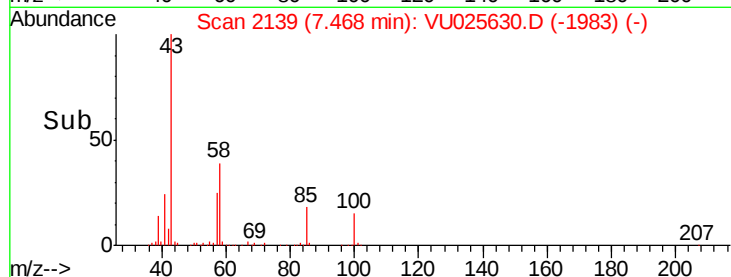
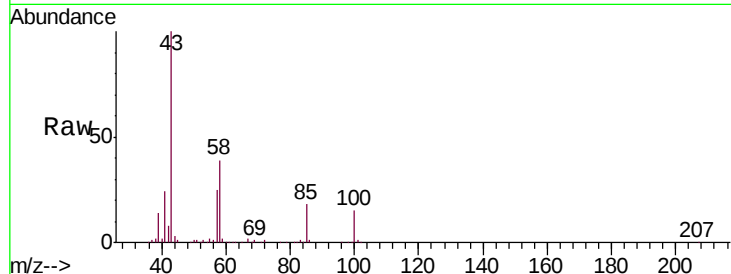


#45
4-Methyl-2-Pentanone
Concen: 56.161 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	18.8	56.4
85	18.1	12.6	19.0

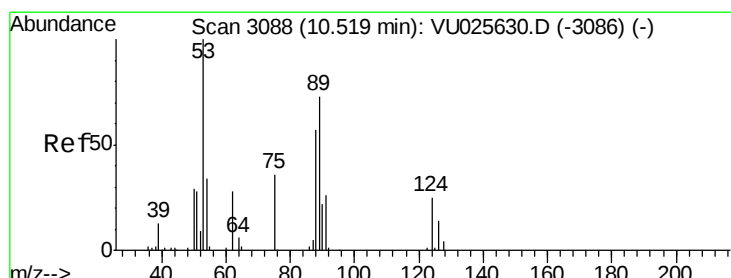
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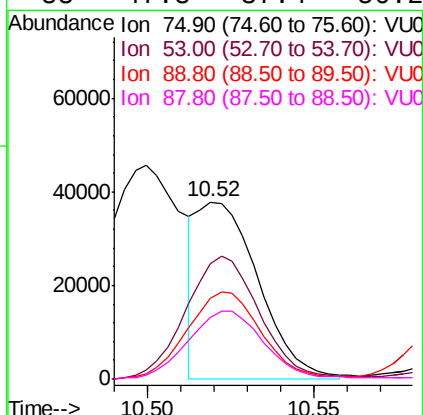
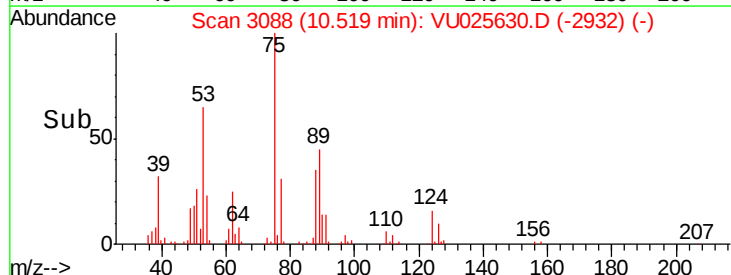
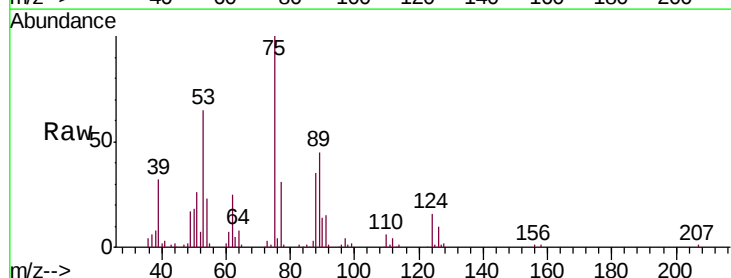
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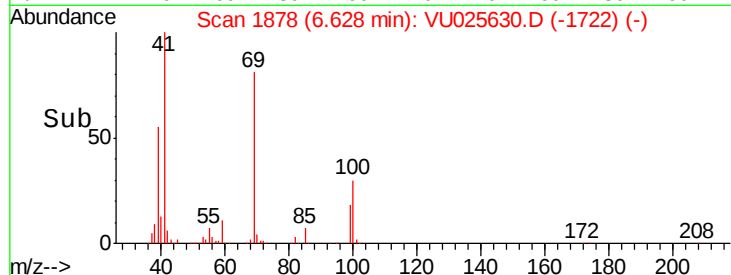
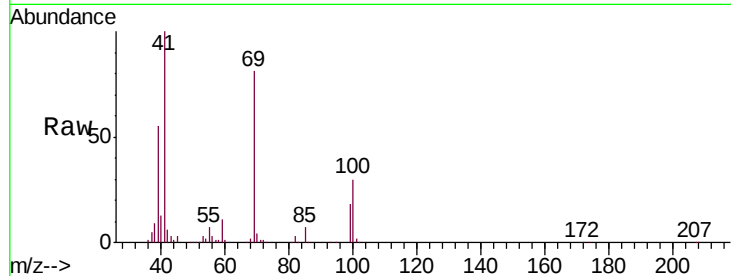
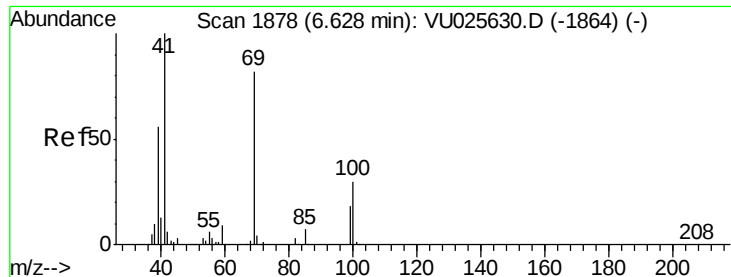
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#46
t-1,4-Dichloro-2-butene
Concen: 28.235 ug/l m
RT: 10.52 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

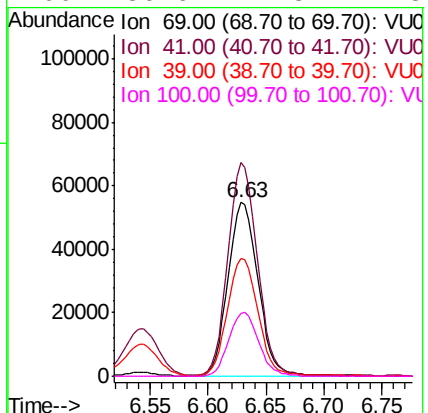
Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.2	82.2	123.4
89	60.1	51.3	76.9
88	47.8	37.4	56.2





#47
Methyl methacrylate
Concen: 22.340 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	118.9	0.0	245.4		
39	68.0	49.0	73.4		
100	36.6	27.8	41.8		



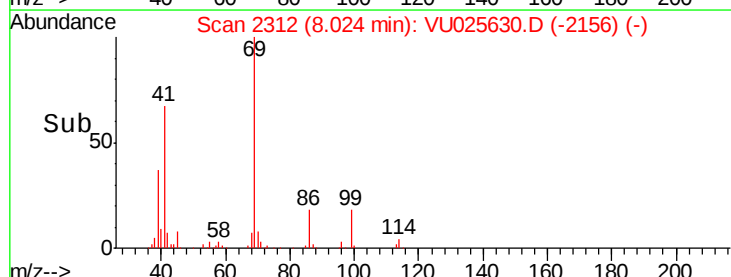
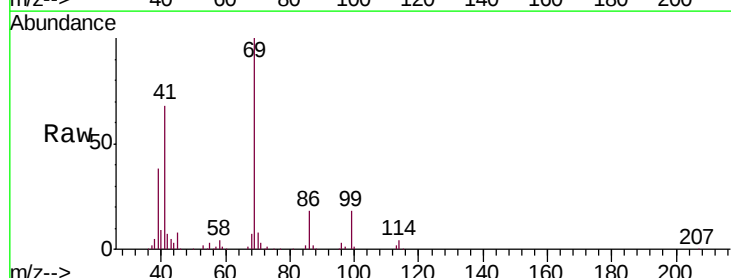
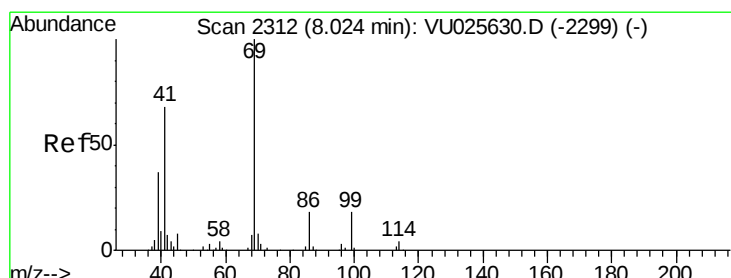
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

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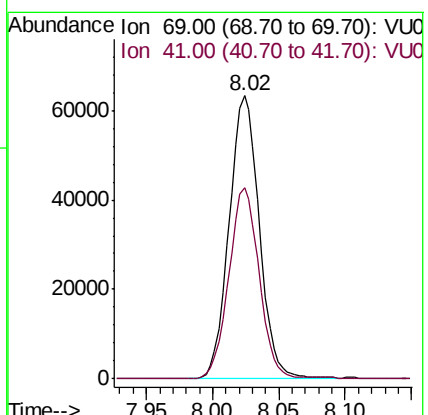
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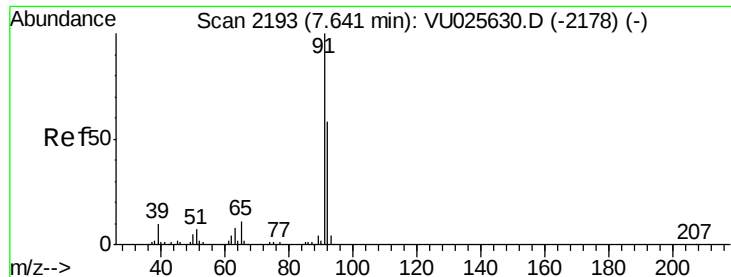
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#48
Ethyl methacrylate
Concen: 12.964 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	67.7	34.2	102.5		





#49

Toluene

Concen: 11.011 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

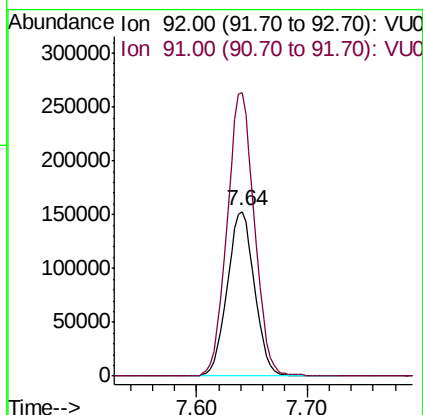
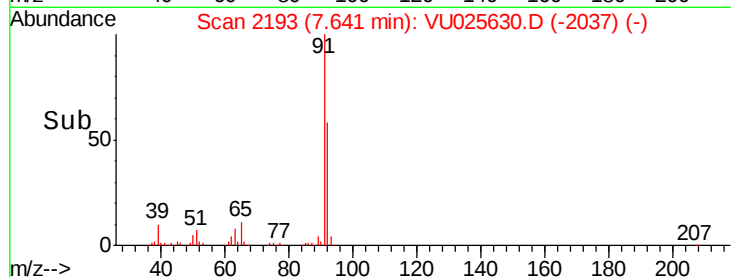
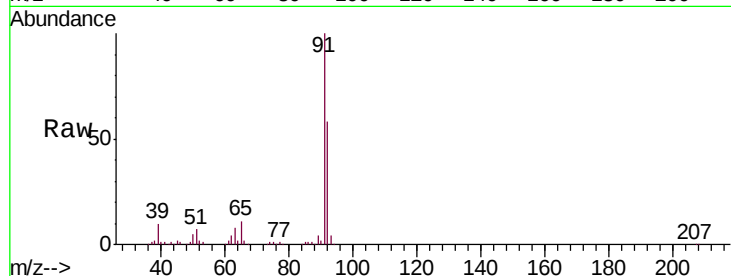
Tot Ion: 92 Resp: 262522

Ion Ratio Lower Upper

92 100

91 172.2 137.1 205.7

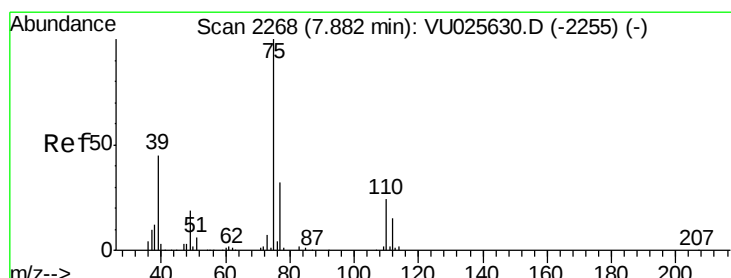
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#50

t-1,3-Dichloropropene

Concen: 12.608 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025630.D

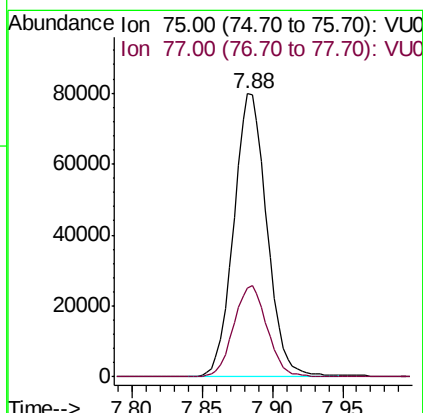
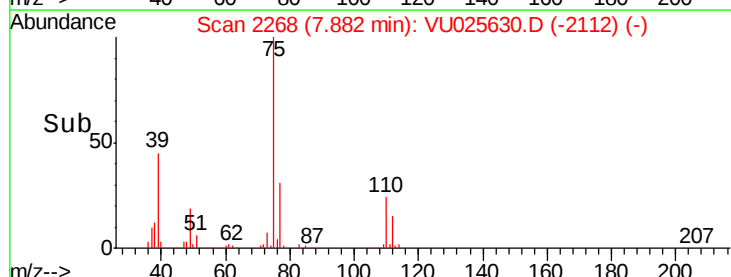
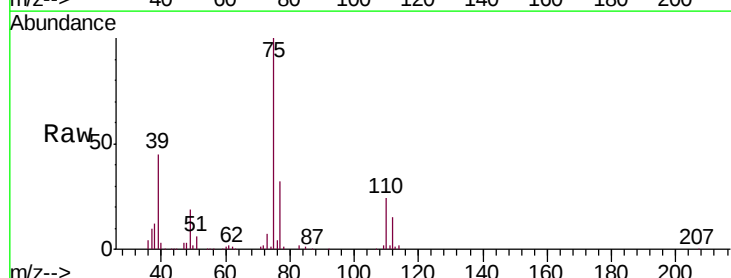
Acq: 25 Jul 2018 11:26

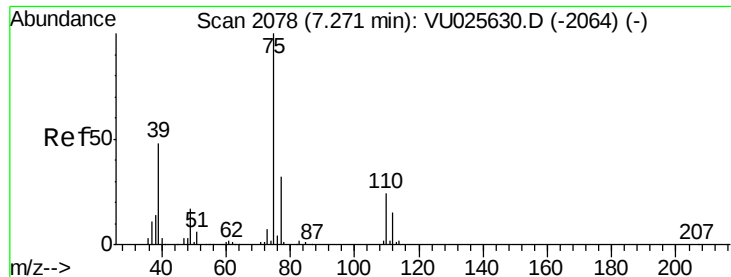
Tgt Ion: 75 Resp: 131663

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



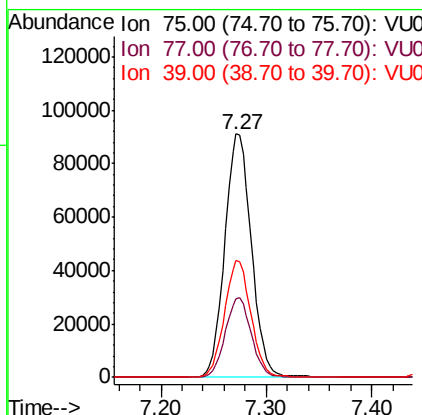
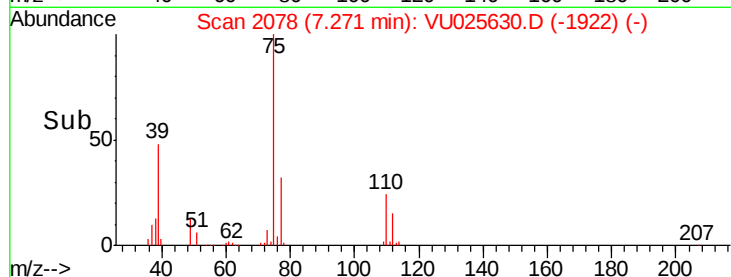
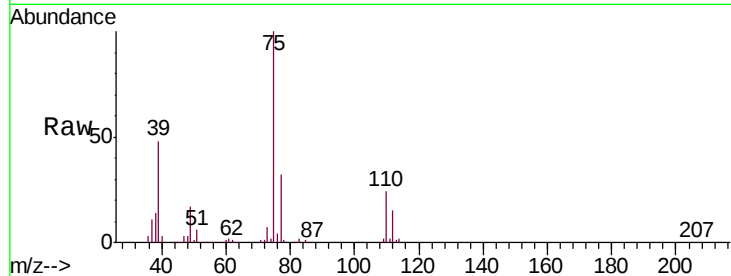


#51
 cis-1,3-Dichloropropene
 Concen: 11.701 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	75	Resp:	159050
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.2	37.8
39	48.1	36.4	54.6

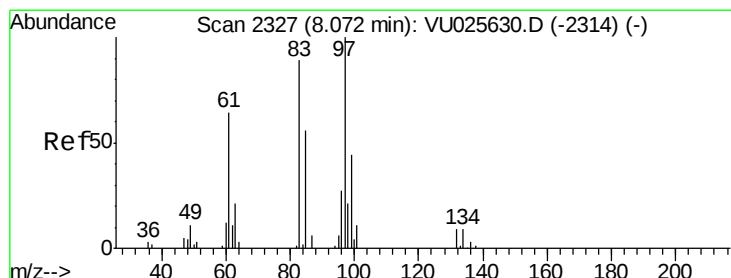
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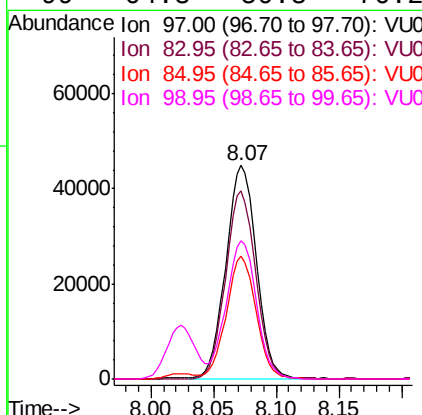
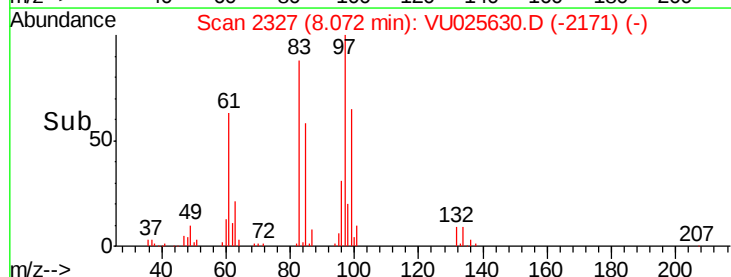
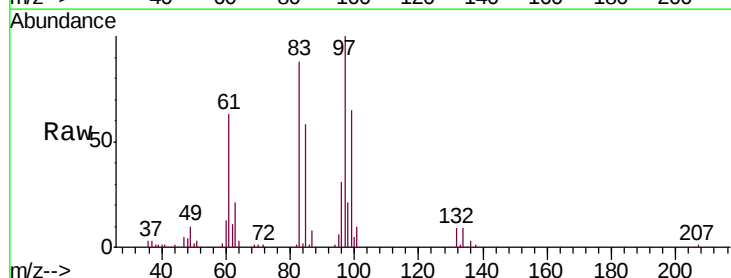
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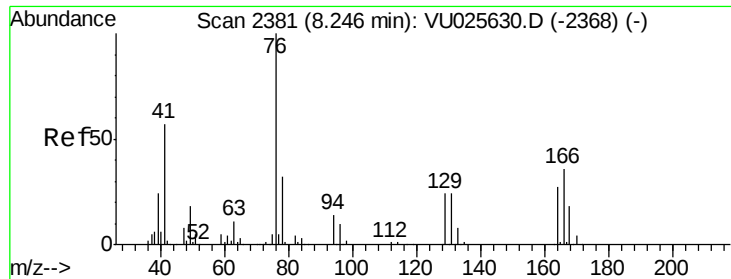
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#52
 1,1,2-Trichloroethane
 Concen: 11.013 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:	97	Resp:	76297
Ion Ratio	Lower	Upper	
97	100		
83	88.0	72.6	109.0
85	57.5	47.2	70.8
99	64.8	50.8	76.2



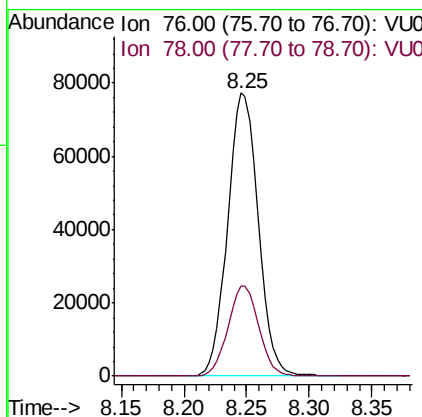
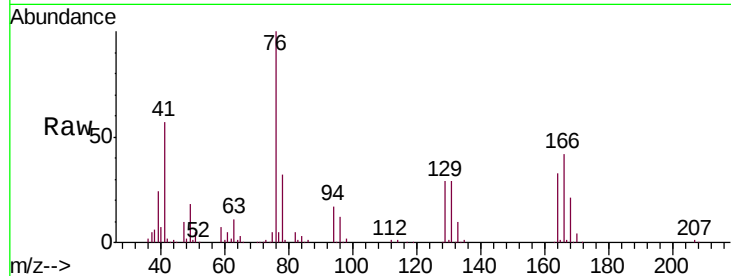


#53
 1,3-Dichloropropane
 Concen: 10.640 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

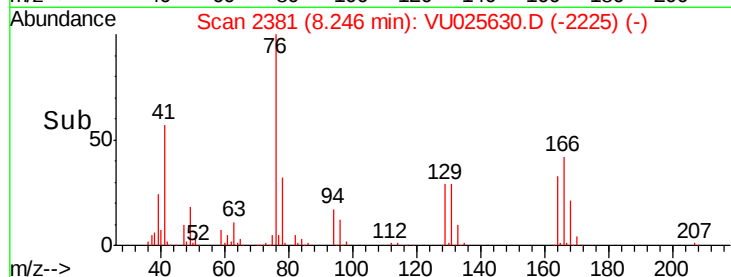
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion: 76 Resp: 131029
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

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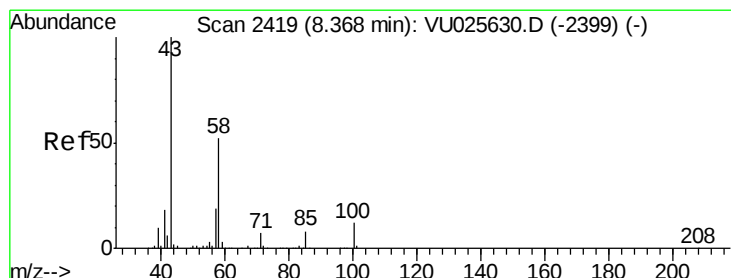


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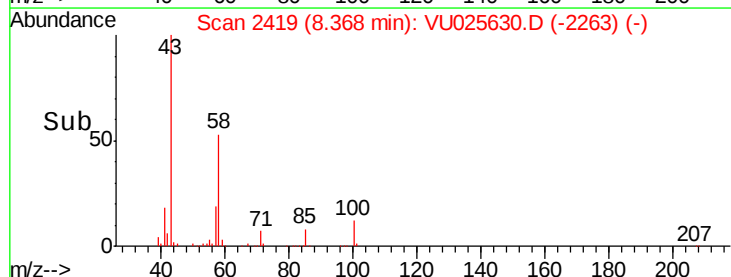
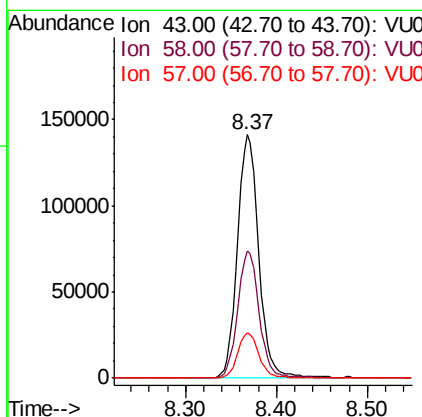
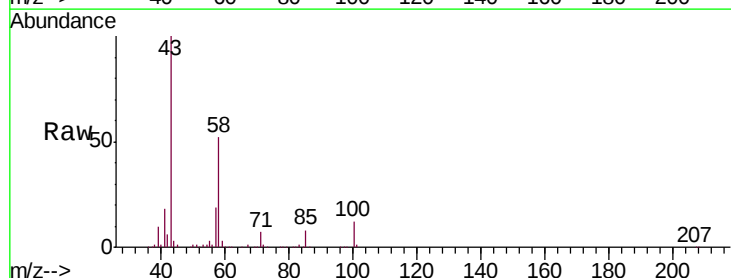
apatel

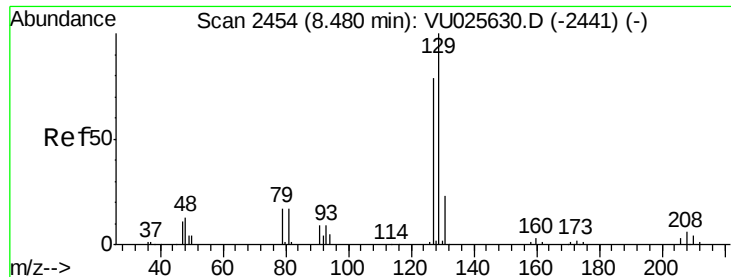
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#54
 2-Hexanone
 Concen: 58.769 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion: 43 Resp: 230360
 Ion Ratio Lower Upper
 43 100
 58 52.2 32.5 72.5
 57 18.5 0.0 37.9





#55

Dibromochloromethane

Concen: 12.914 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Tot Ion:129 Resp: 98029

Ion Ratio Lower Upper

129 100

127 79.7 61.1 91.7

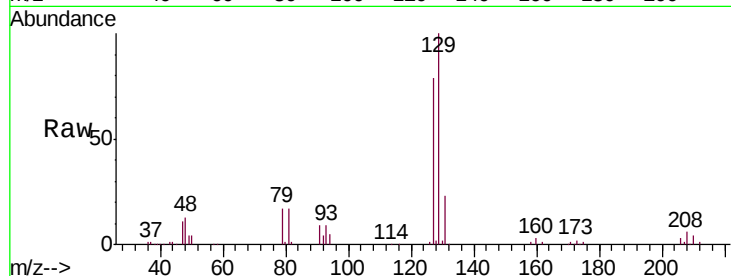
Instrument :

MSVOA_U

ClientSampleId :

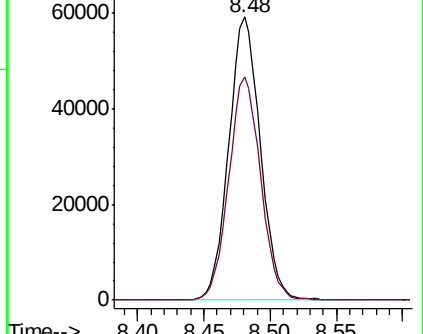
VSTDICCC010

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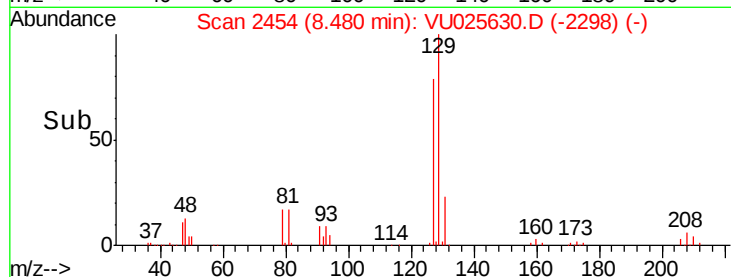


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

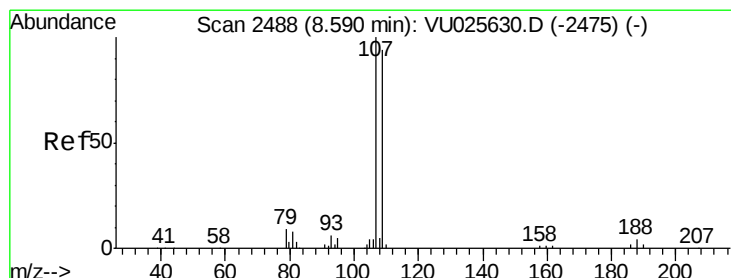


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#56

1,2-Dibromoethane

Concen: 12.478 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025630.D

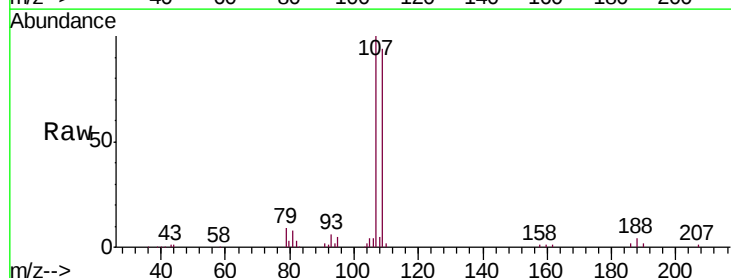
Acq: 25 Jul 2018 11:26

Tgt Ion:107 Resp: 74480

Ion Ratio Lower Upper

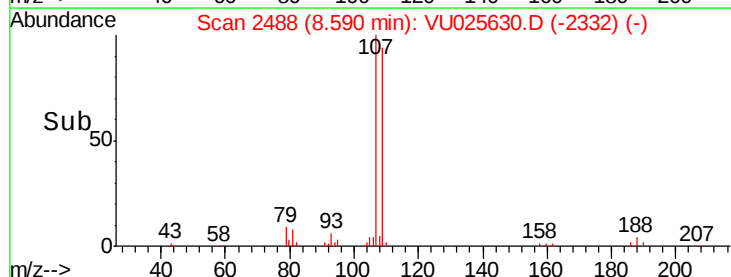
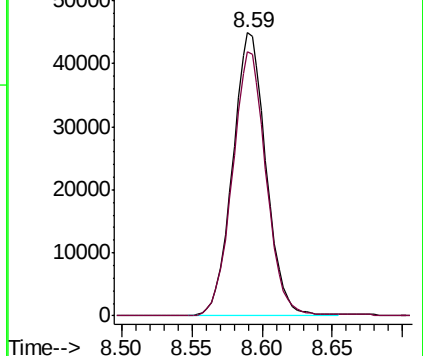
107 100

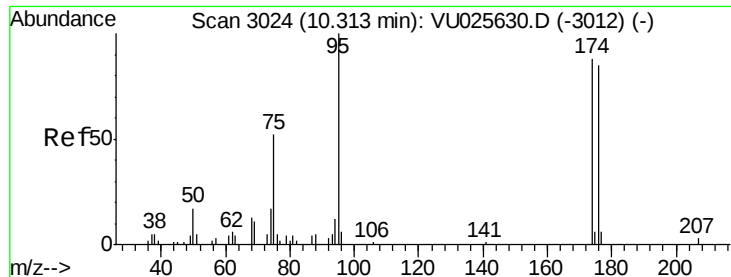
109 94.0 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





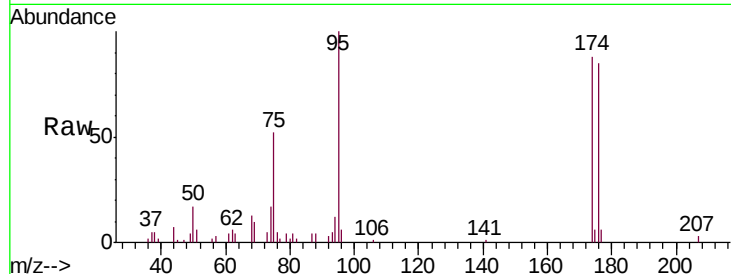
#57
4-Bromofluorobenzene
Concen: 12.478 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.0	65.6	98.4
176	84.5	62.0	93.0

Manual Integrations
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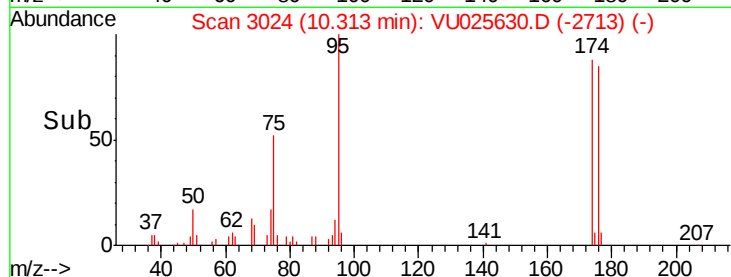
Abundance

Ion 95.00 (94.70 to 95.70): VU025630.D (-3012) (-)

Ion 174.00 (173.70 to 174.70): VU025630.D (-3012) (-)

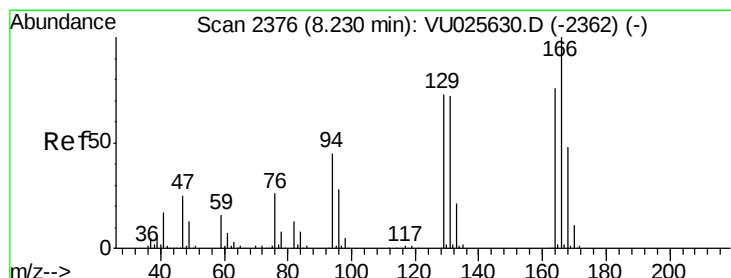
Ion 176.00 (175.70 to 176.70): VU025630.D (-3012) (-)

Time-->



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#58
Tetrachloroethene
Concen: 11.098 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	104.1	156.1
129	96.2	76.8	115.2
131	94.2	72.6	108.8

Abundance

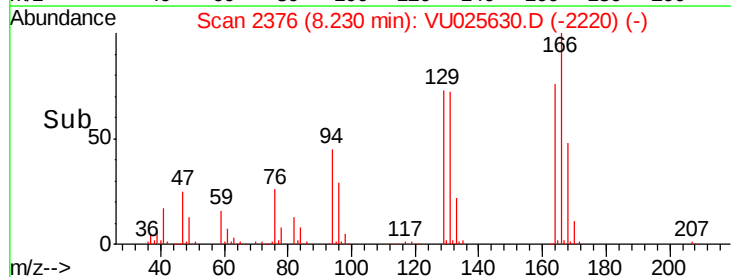
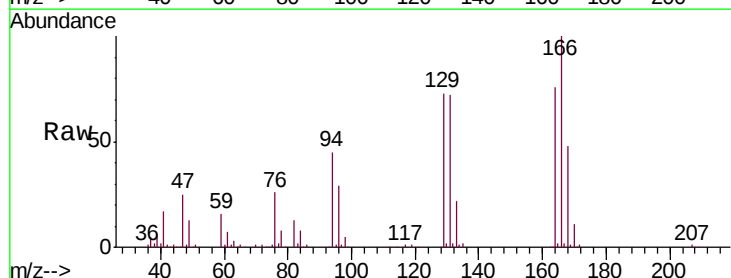
Ion 163.85 (163.55 to 164.55): VU025630.D (-2362) (-)

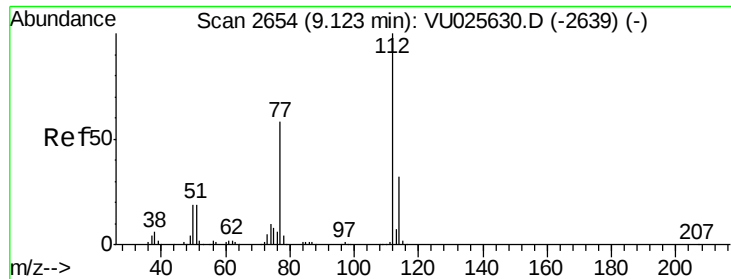
Ion 165.80 (165.50 to 166.50): VU025630.D (-2362) (-)

Ion 128.90 (128.60 to 129.60): VU025630.D (-2362) (-)

Ion 130.90 (130.60 to 131.60): VU025630.D (-2362) (-)

Time-->



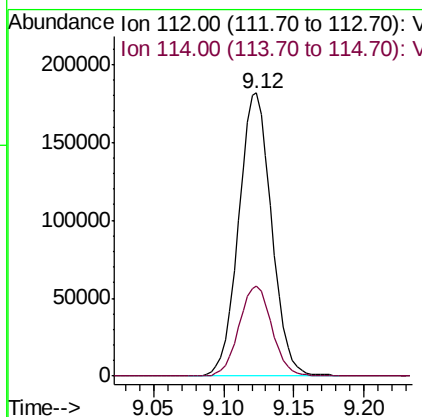
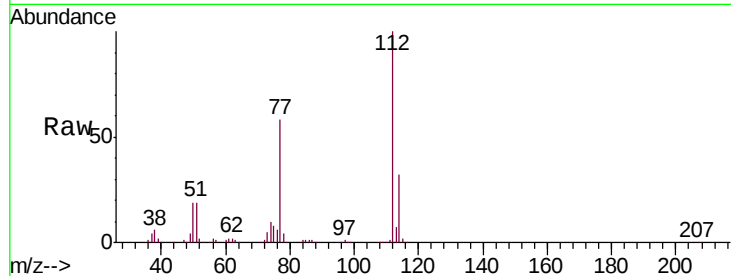


#59
Chlorobenzene
Concen: 11.610 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2

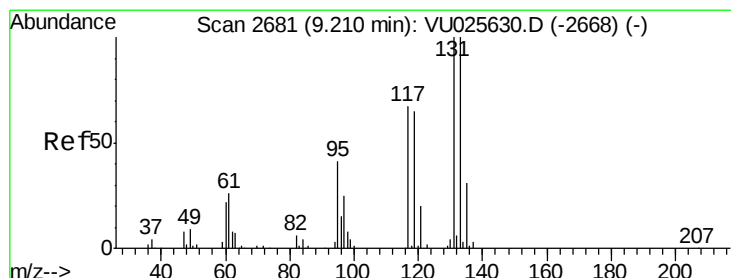
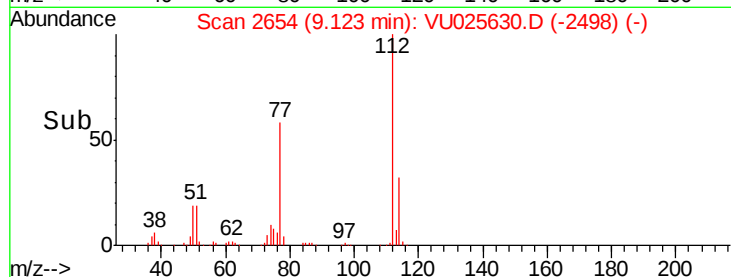
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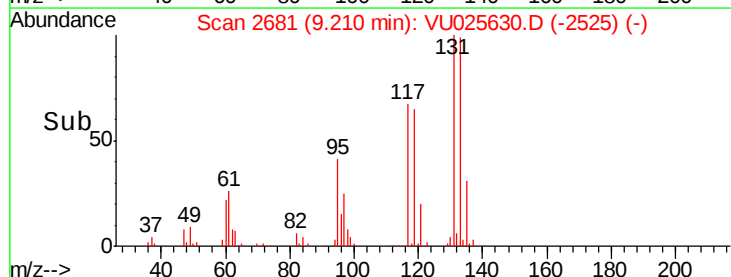
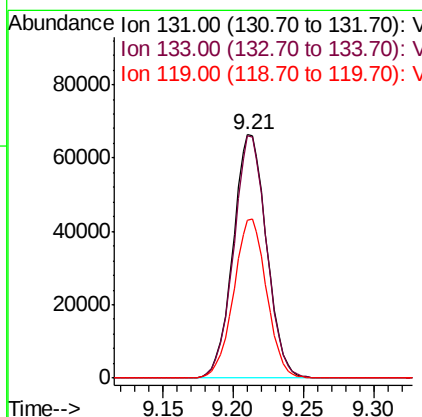
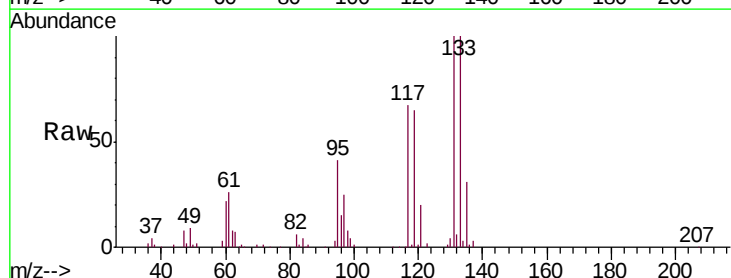
apatel

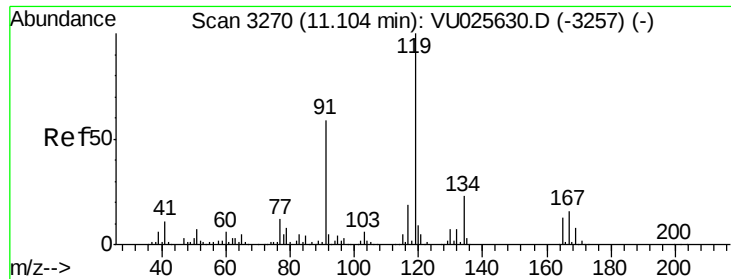
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#60
1,1,1,2-Tetrachloroethane
Concen: 12.724 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.7	75.8	113.8
119	64.2	53.0	79.6





#61

Pentachloroethane

Concen: 14.204 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

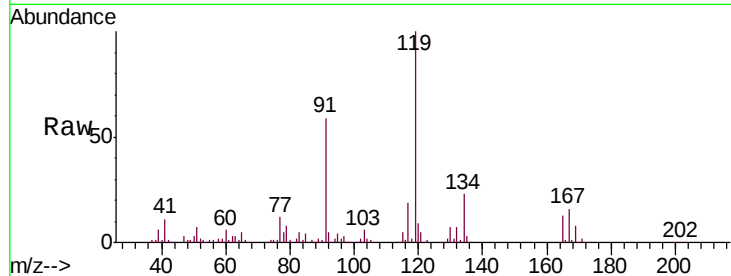
Tot Ion:117 Resp: 87384

Ion Ratio Lower Upper

117 100

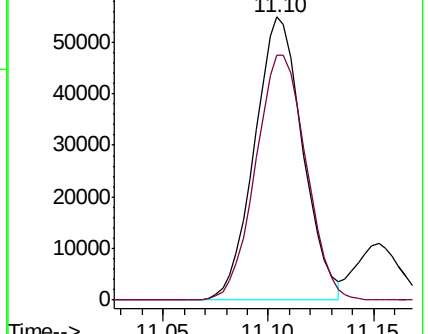
167 90.5 69.2 103.8

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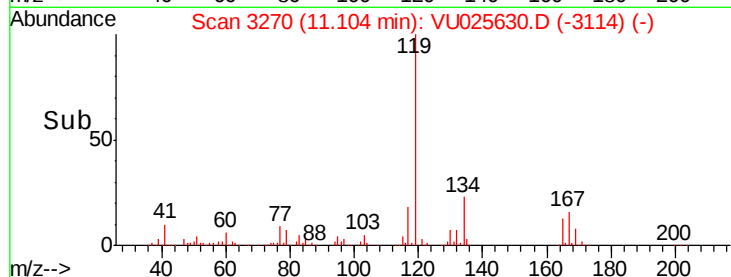


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V

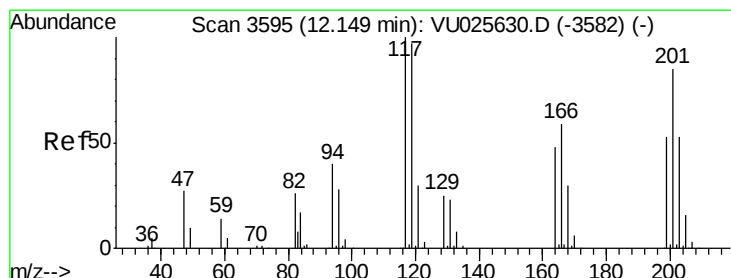


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#62

Hexachloroethane

Concen: 15.204 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025630.D

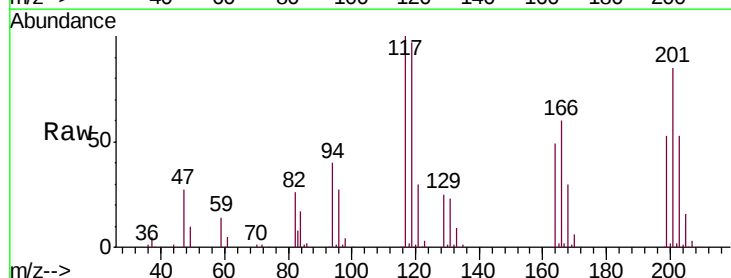
Acq: 25 Jul 2018 11:26

Tgt Ion:117 Resp: 89776

Ion Ratio Lower Upper

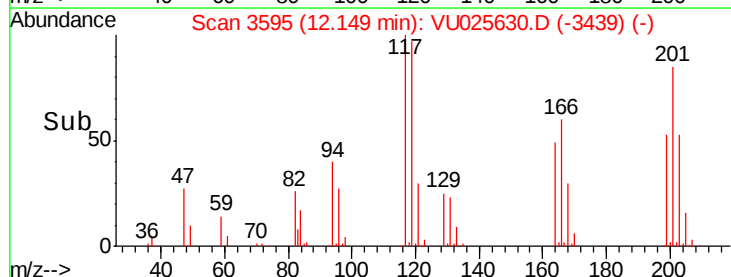
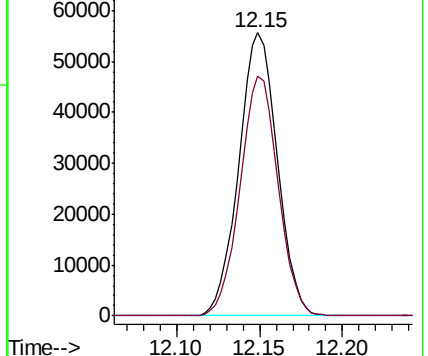
117 100

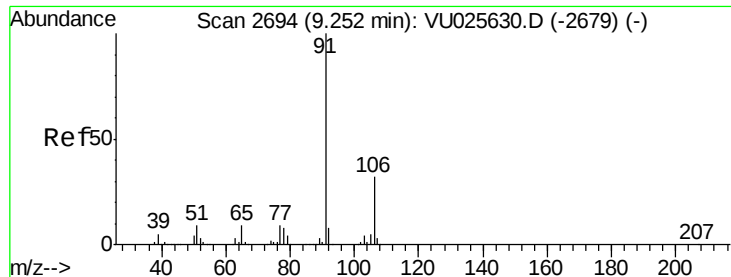
201 83.6 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



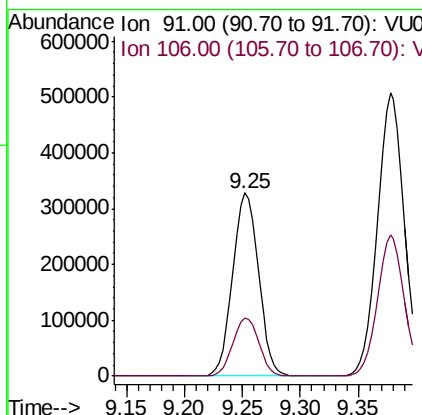
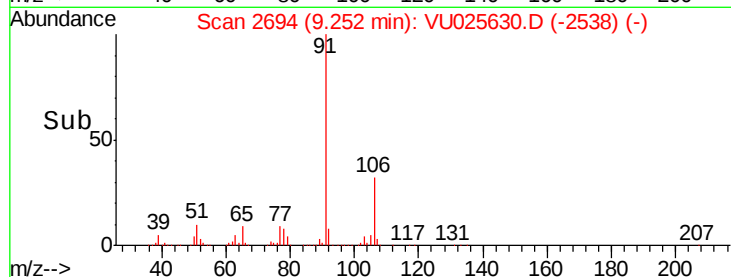
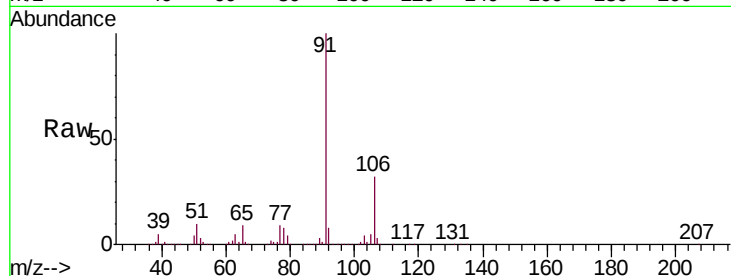


#63
Ethyl Benzene
Concen: 11.995 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 508812
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

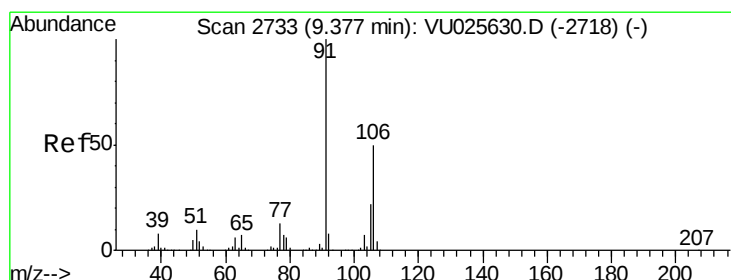
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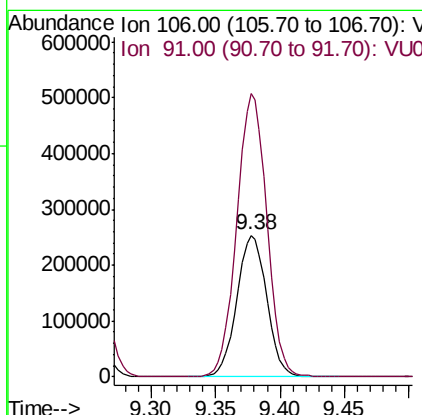
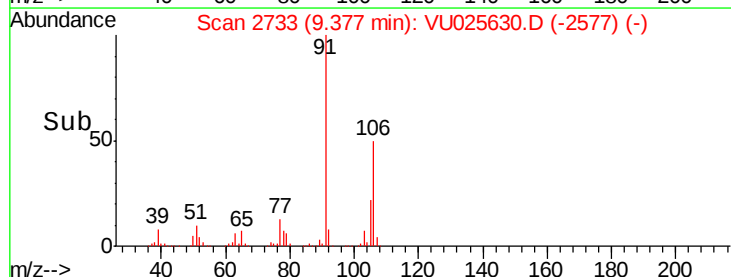
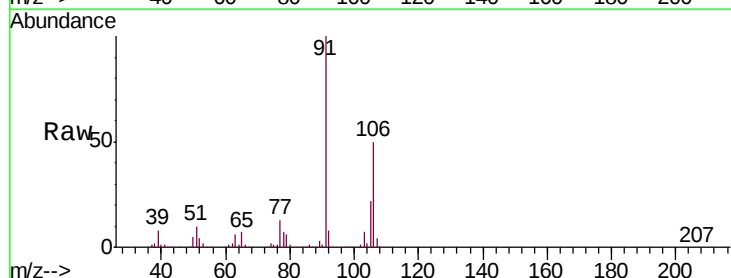
apatel

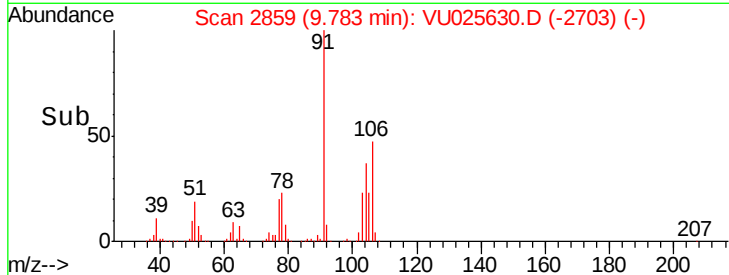
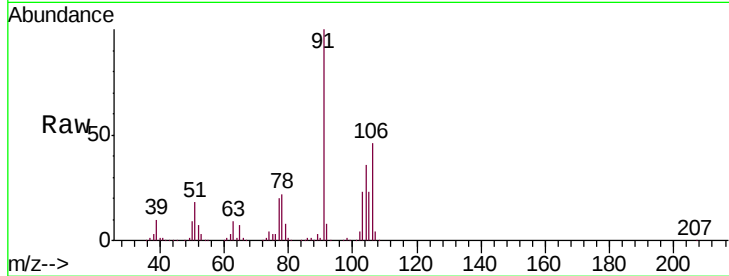
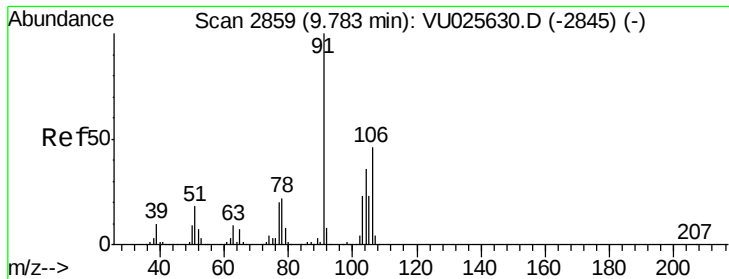
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#64
m/p-Xylenes
Concen: 24.903 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion: 106 Resp: 407370
Ion Ratio Lower Upper
106 100
91 201.1 164.1 246.1





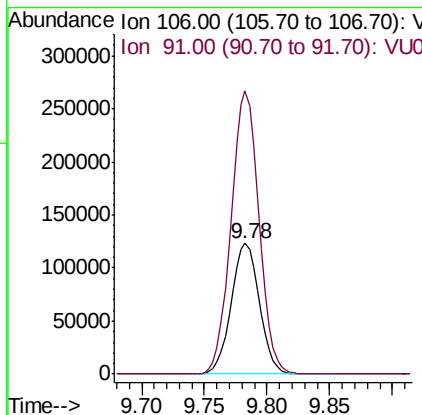
#65
o-Xylene
Concen: 12.196 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		192125		
91	214.5	107.9	323.7		

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

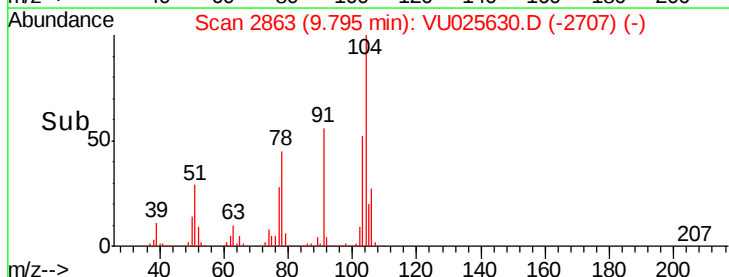
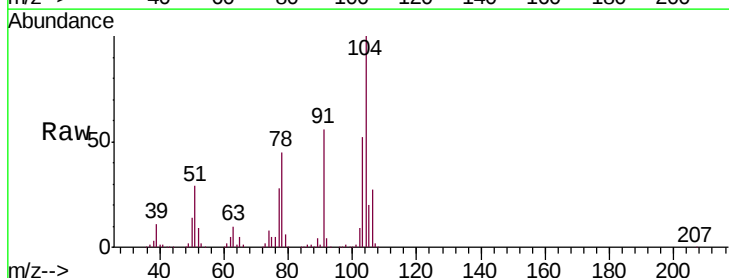
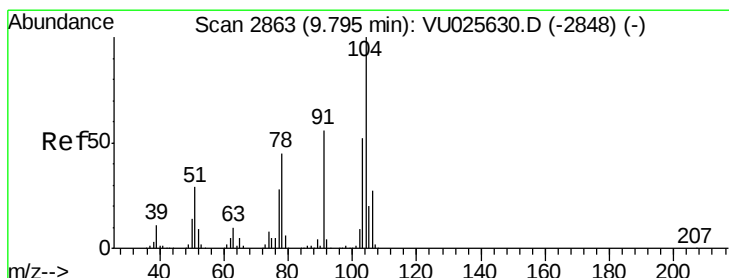
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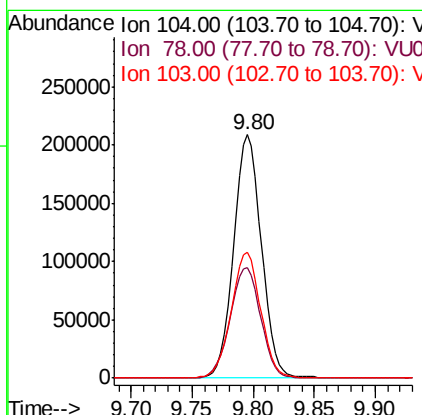
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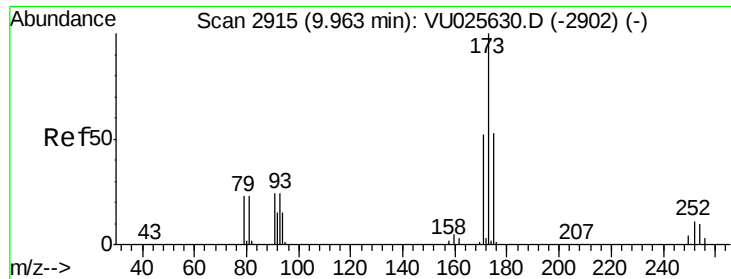
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#66
Styrene
Concen: 12.728 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		330641		
78	50.2	40.2	60.2		
103	54.9	44.2	66.4		



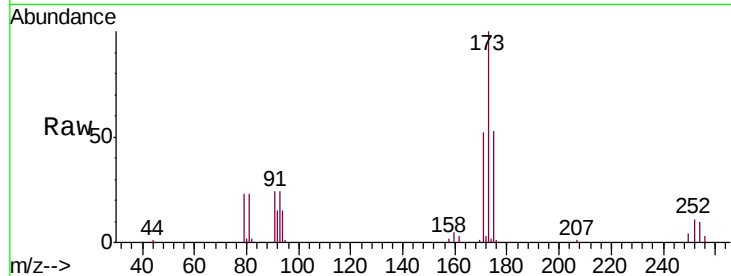


#67
Bromoform
Concen: 14.329 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	38.6	57.8
254	9.2	8.8	13.2

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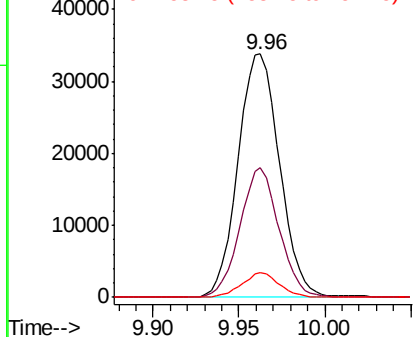


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

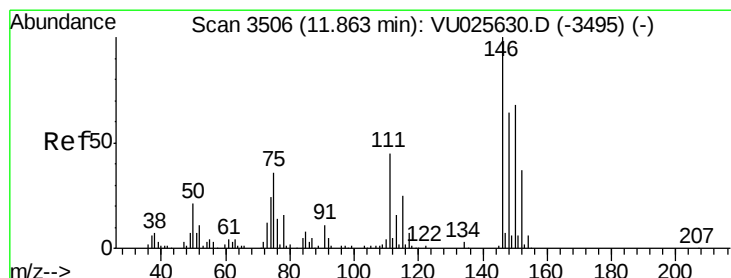
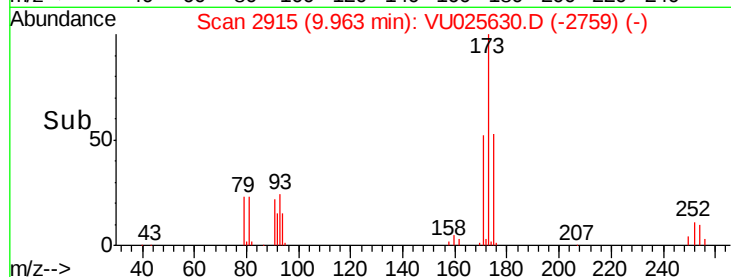
Ion 253.75 (253.45 to 254.45): V



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#68
1,2-Dichlorobenzene-d4
Concen: 14.329 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

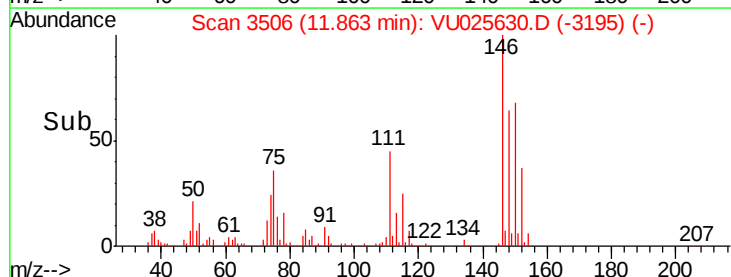
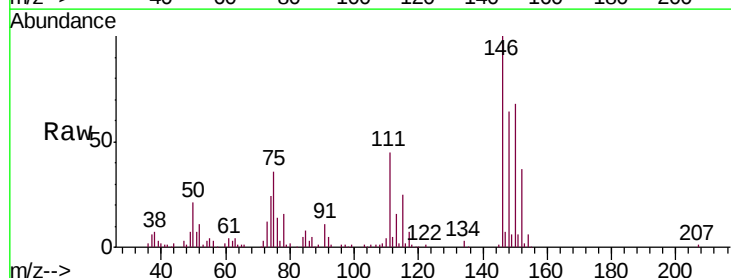
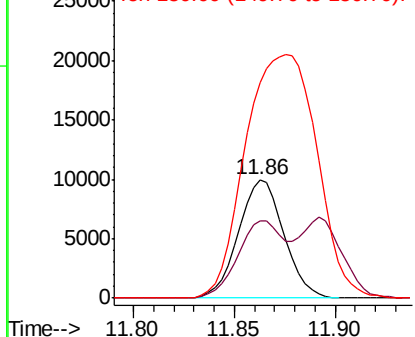
Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.8	0.0	118.8
150	321.0	0.0	0.0#

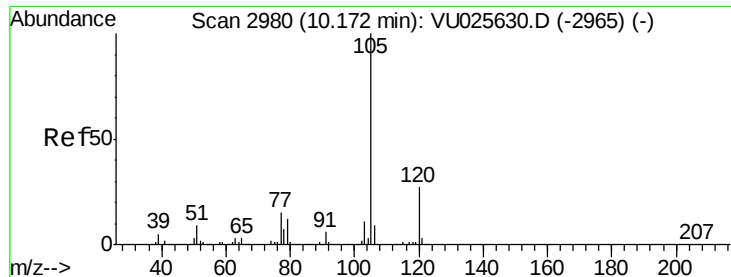
Abundance

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: 12.770 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

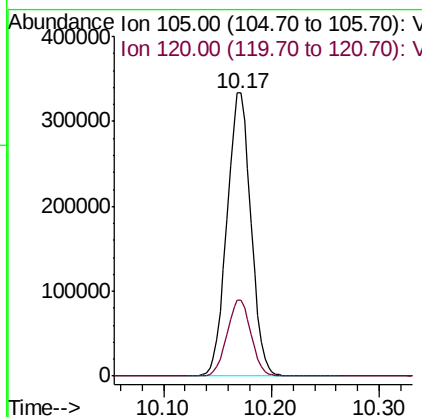
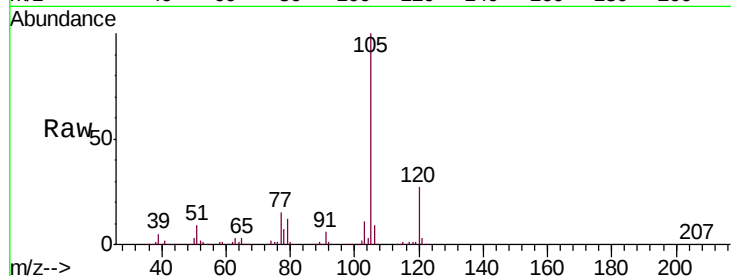
Tot Ion: 105 Resp: 518151

Ion Ratio Lower Upper

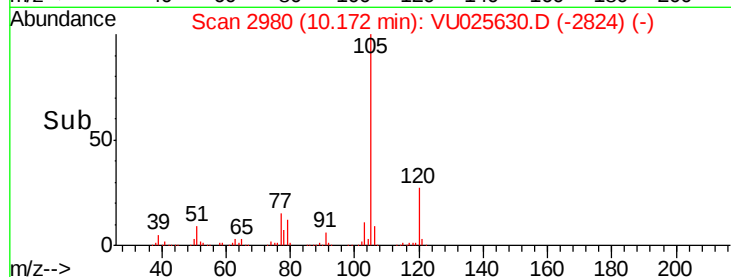
105 100

120 26.9 13.1 39.3

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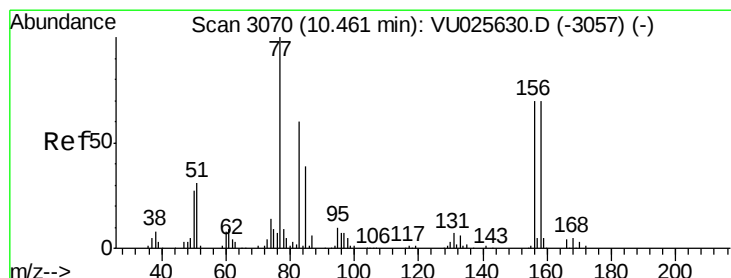


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#70

1,1,2,2-Tetrachloroethane

Concen: 12.342 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

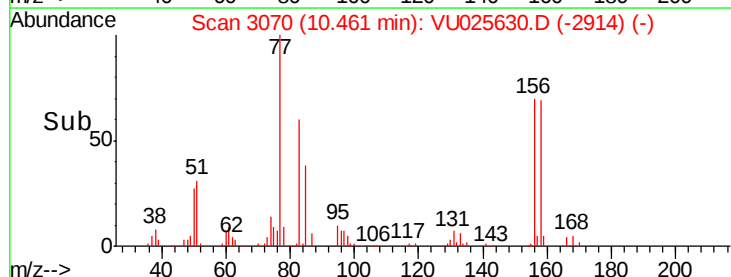
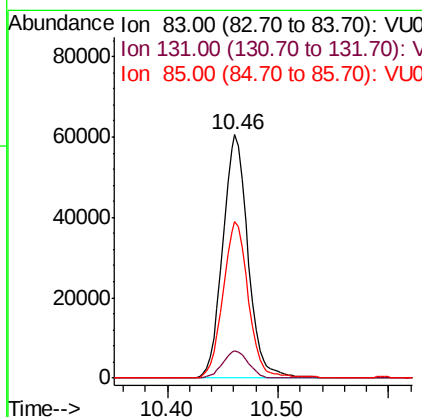
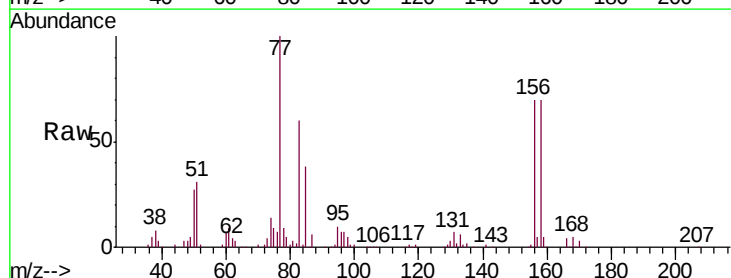
Tgt Ion: 83 Resp: 96371

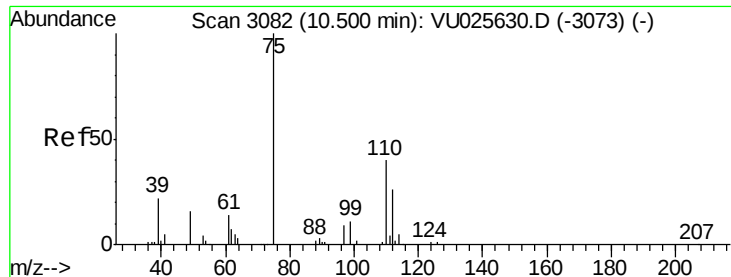
Ion Ratio Lower Upper

83 100

131 11.4 7.9 11.9

85 64.7 51.8 77.6





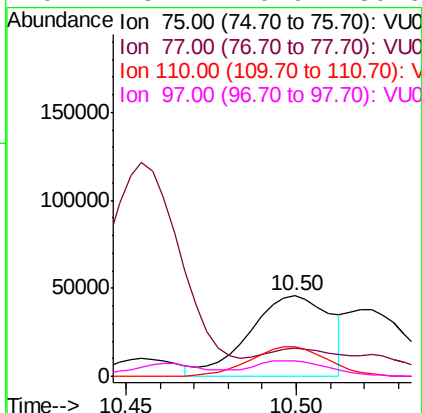
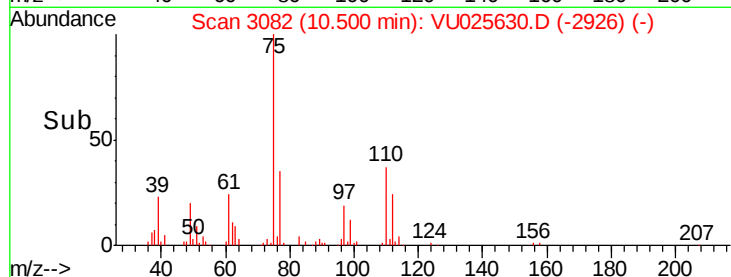
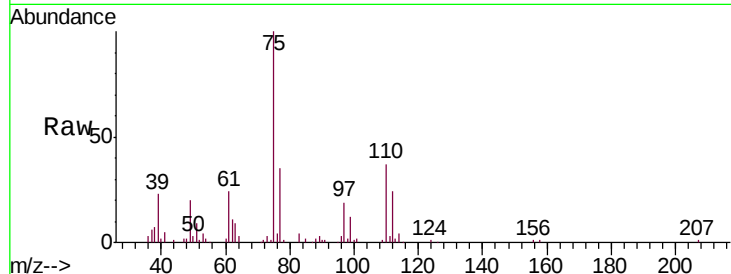
#71
1,2,3-Trichloropropane
Concen: 13.613 ug/l m
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	48.7	0.0	0.0#
110	34.8	0.0	74.0
97	18.2	0.0	39.6

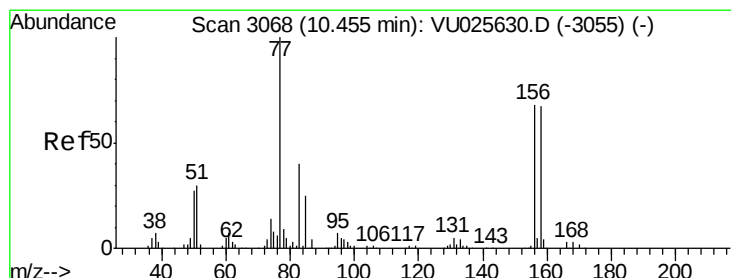
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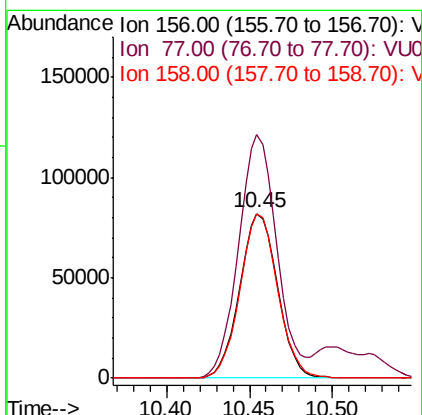
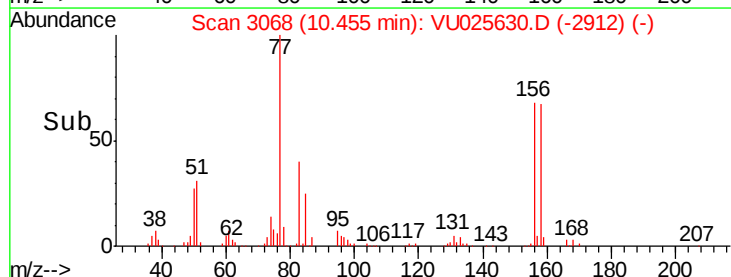
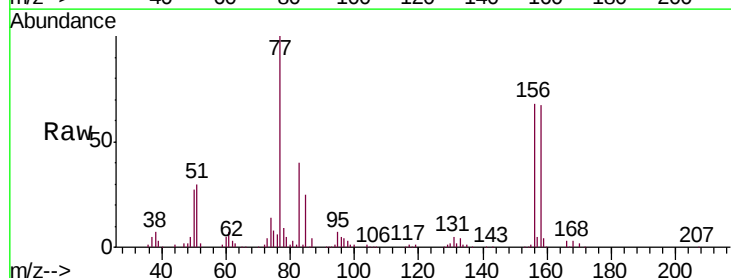
apatel

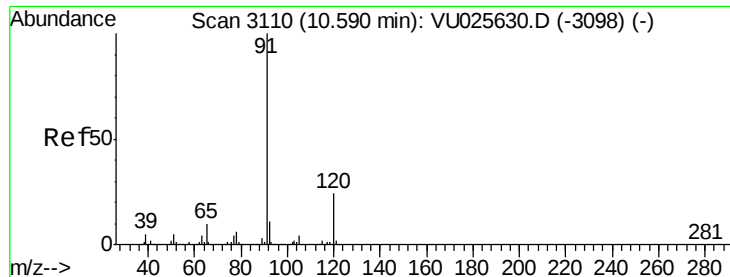
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#72
Bromobenzene
Concen: 12.916 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
156	100		
77	149.2	0.0	309.8
158	99.0	0.0	193.0





#73

n-propylbenzene

Concen: 13.436 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

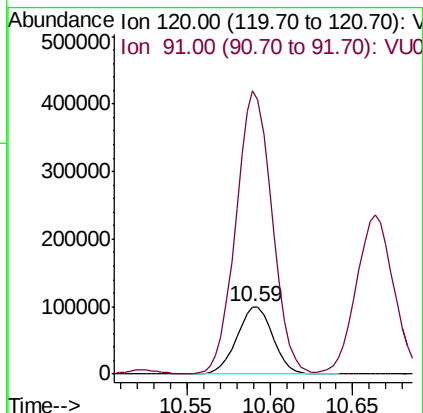
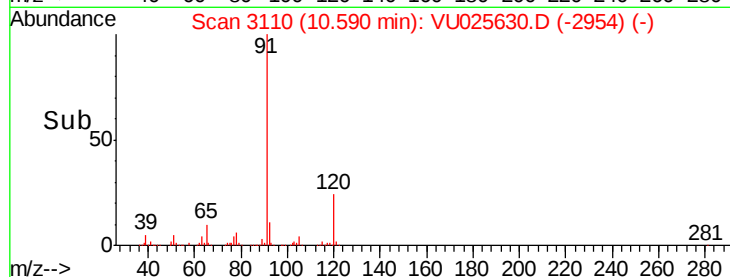
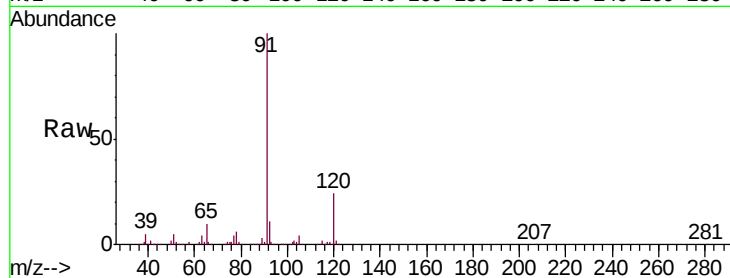
Tot Ion:120 Resp: 150711

Ion Ratio Lower Upper

120 100

91 420.2 352.2 528.4

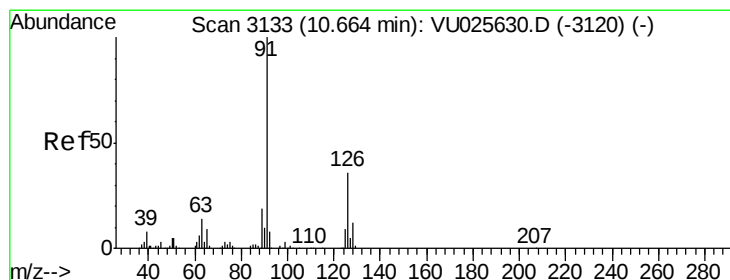
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#74

2-Chlorotoluene

Concen: 13.160 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025630.D

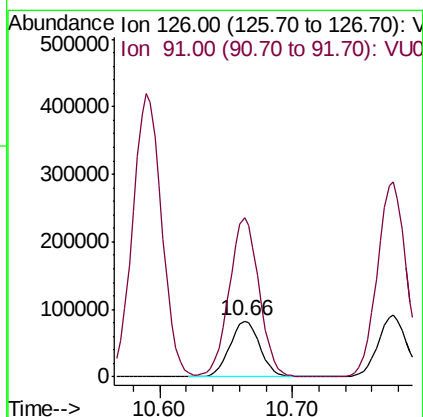
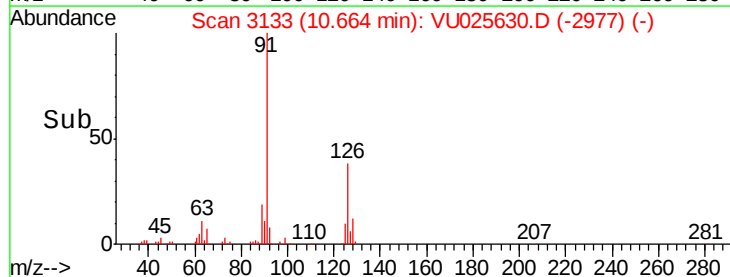
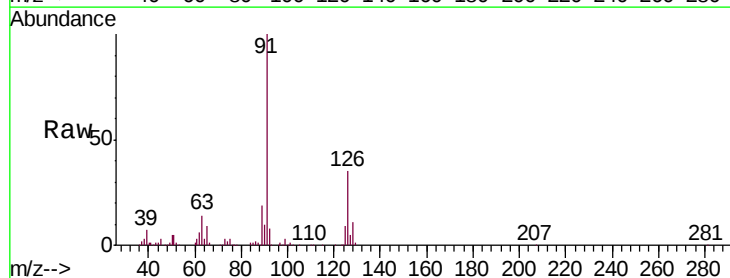
Acq: 25 Jul 2018 11:26

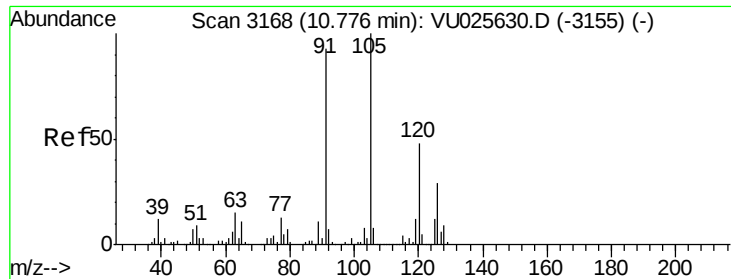
Tgt Ion:126 Resp: 130517

Ion Ratio Lower Upper

126 100

91 283.7 0.0 613.0





#75

1,3,5-Trimethylbenzene

Concen: 13.605 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

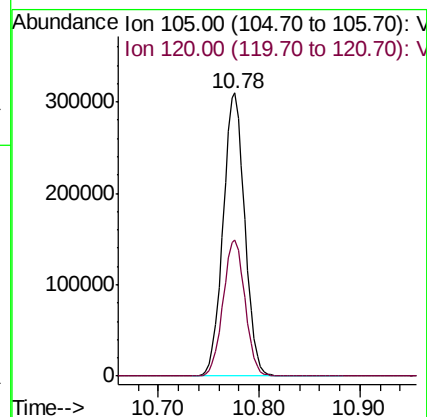
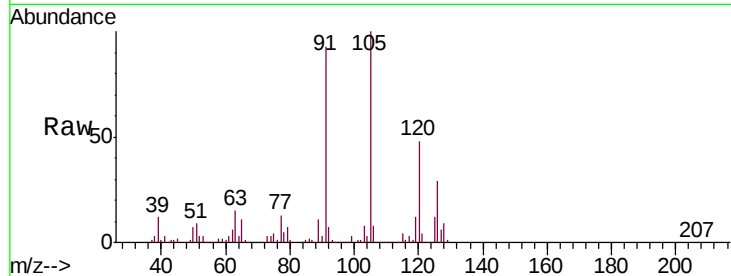
Tot Ion:105 Resp: 465104

Ion Ratio Lower Upper

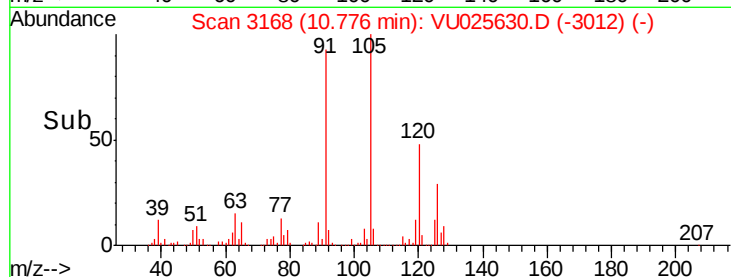
105 100

120 48.8 39.0 58.6

Manual Integrations
APPROVED

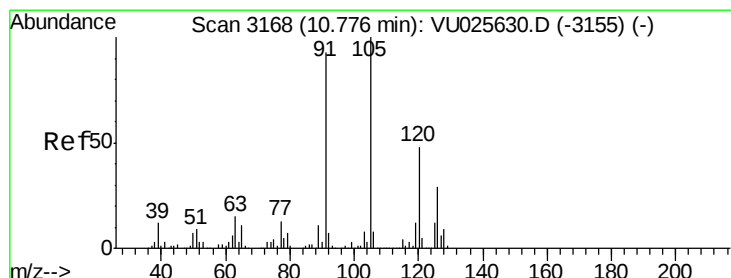


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#76

4-Chlorotoluene

Concen: 13.377 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025630.D

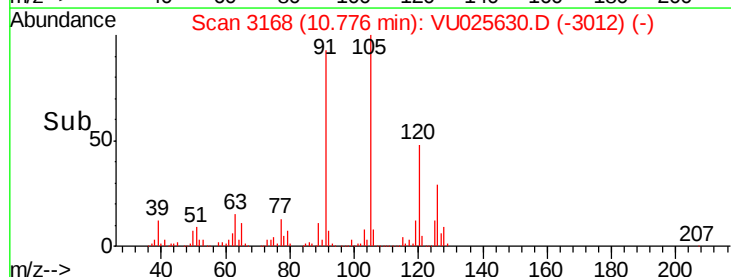
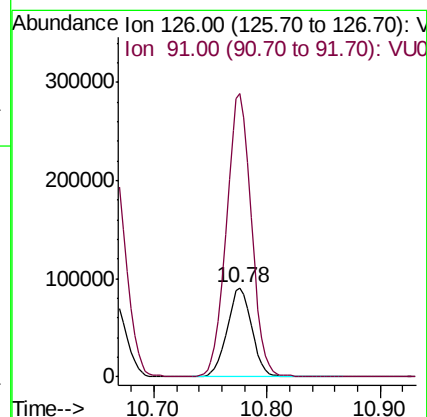
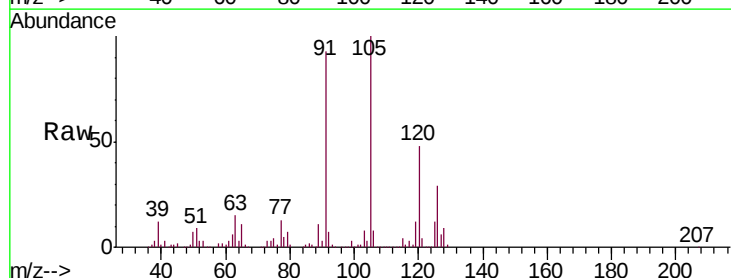
Acq: 25 Jul 2018 11:26

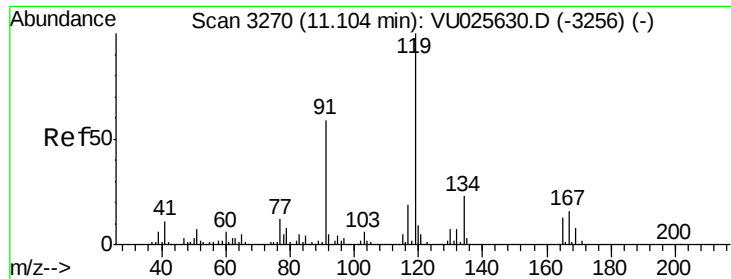
Tgt Ion:126 Resp: 137442

Ion Ratio Lower Upper

126 100

91 323.0 0.0 667.2



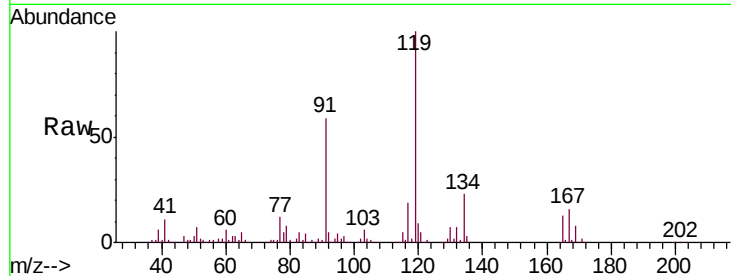


#77
 tert-Butylbenzene
 Concen: 14.026 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

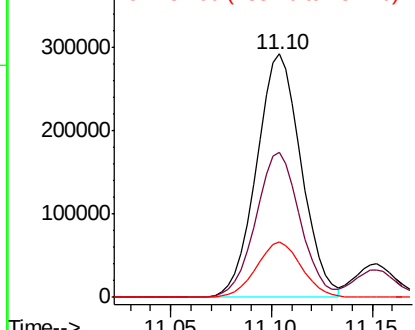
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.9	19.1	28.7

Manual Integrations
 APPROVED



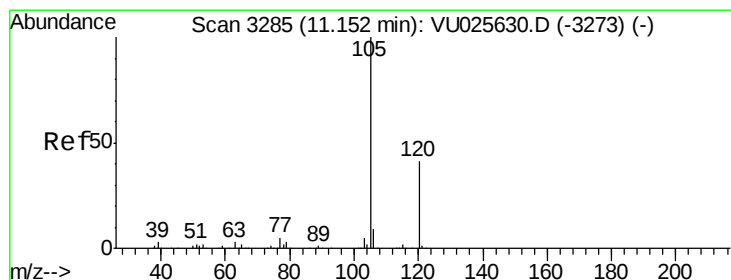
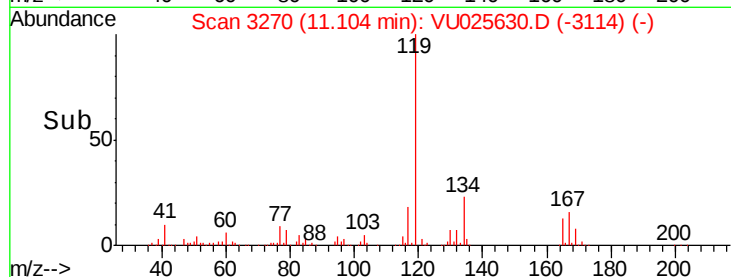
Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V



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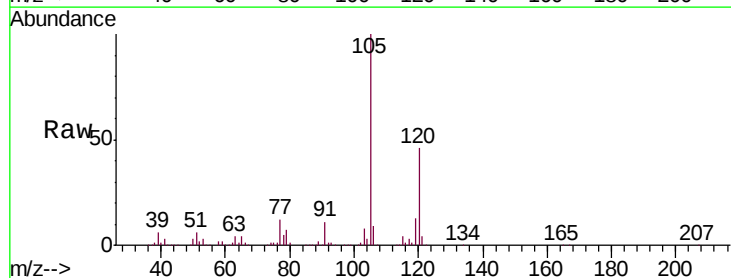
apatel

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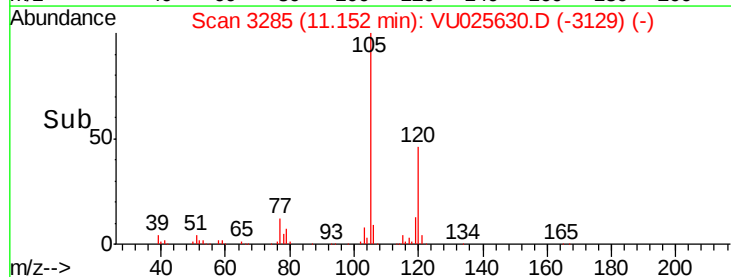
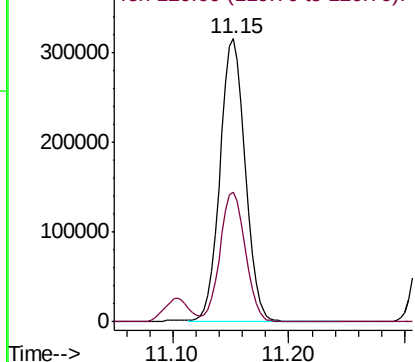


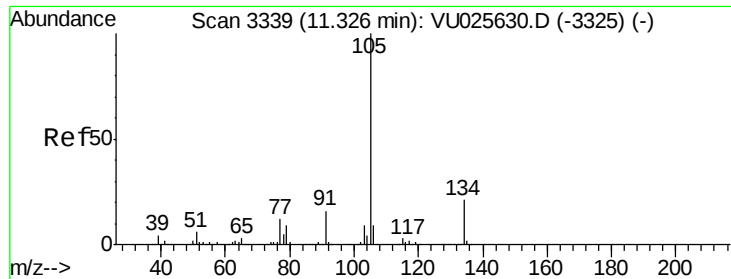
#78
 1,2,4-Trimethylbenzene
 Concen: 13.777 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	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: 13.325 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

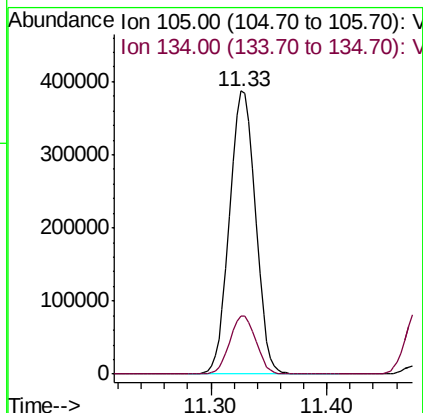
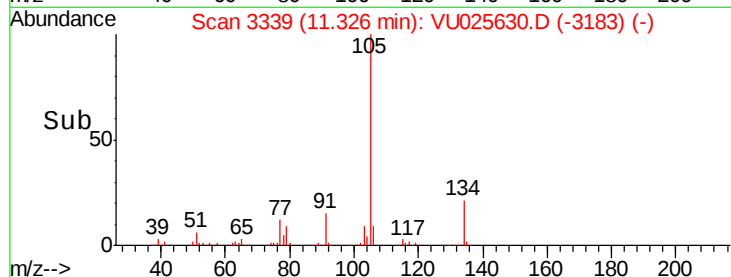
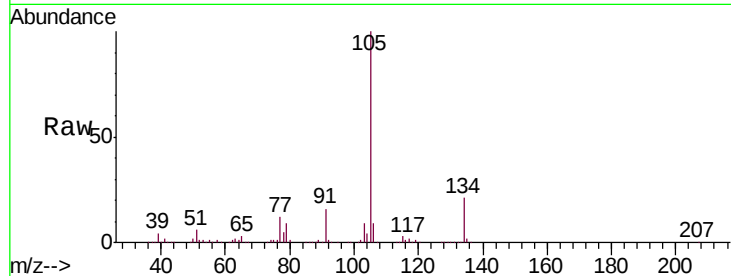
Tot Ion: 105 Resp: 597592

Ion Ratio Lower Upper

105 100

134 20.7 15.6 23.4

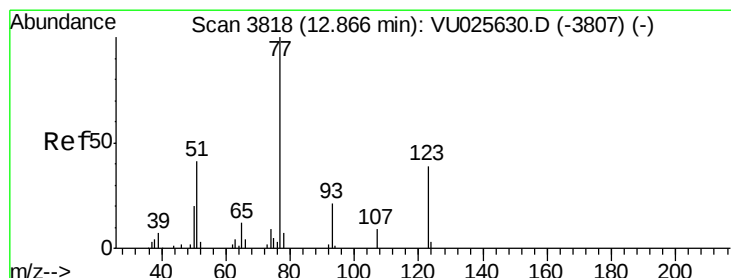
Manual Integrations
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#80

Nitrobenzene

Concen: 61.882 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

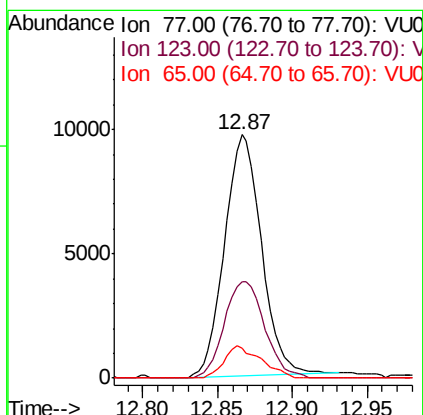
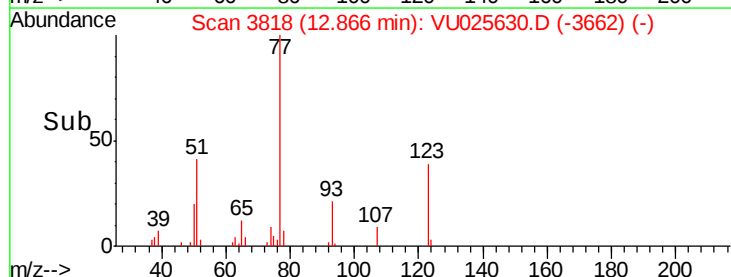
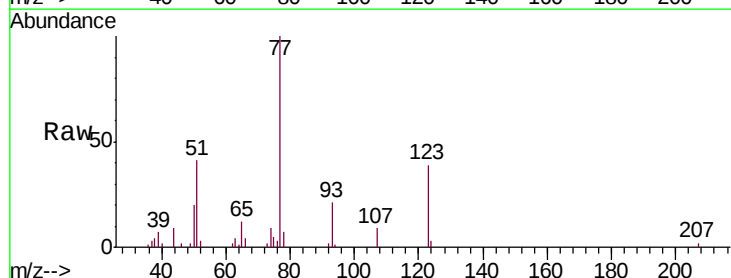
Tgt Ion: 77 Resp: 16782

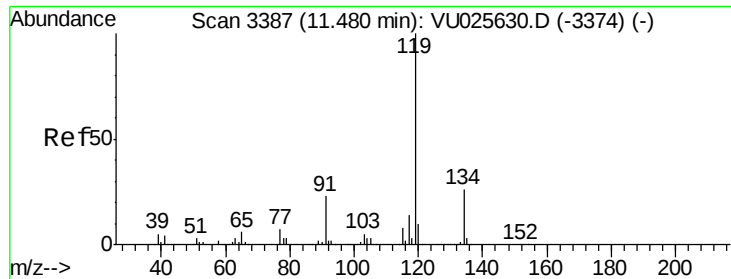
Ion Ratio Lower Upper

77 100

123 43.5 19.4 68.6

65 13.3 11.2 14.2



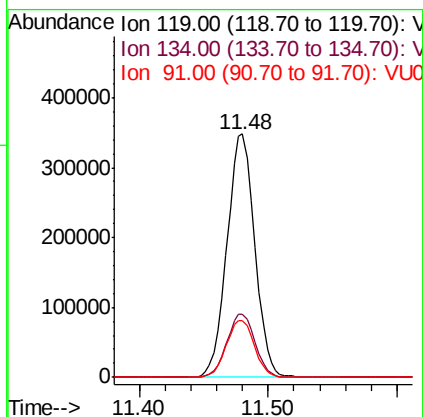
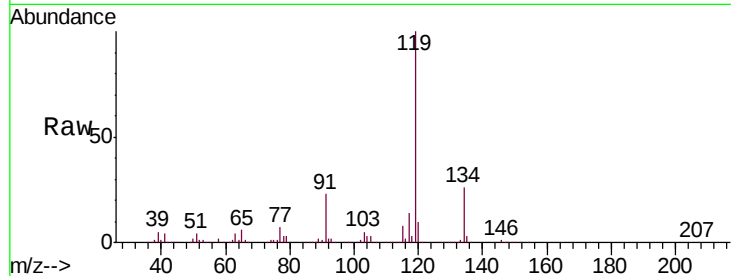


#81
p-Isopropyltoluene
Concen: 14.088 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

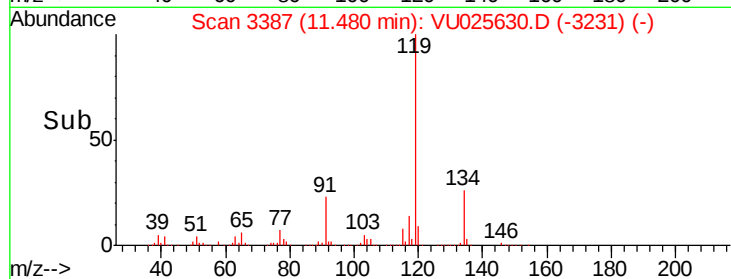
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.9	31.3
91	23.9	18.2	27.2

Manual Integrations
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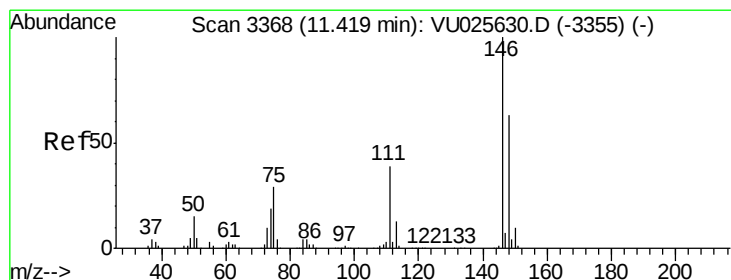


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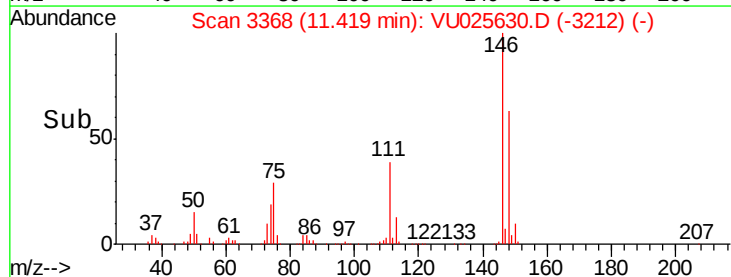
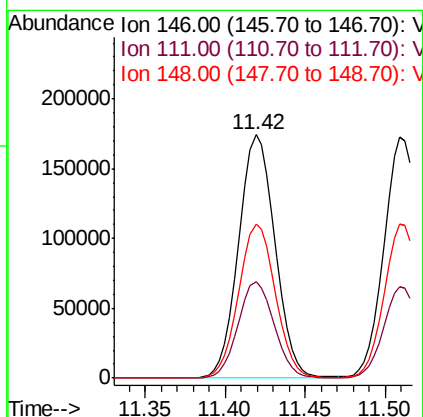
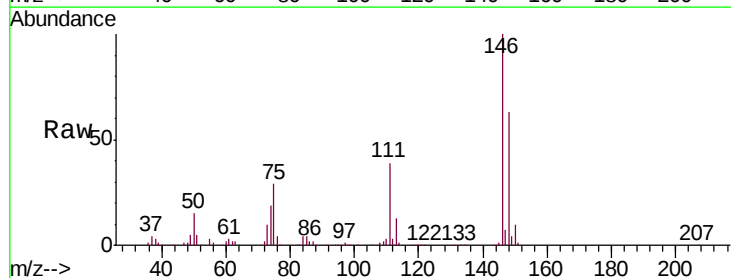
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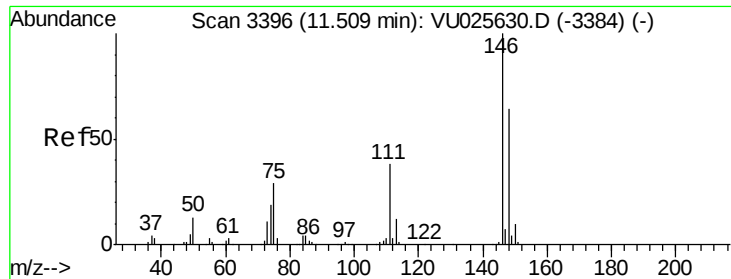
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#82
1,3-Dichlorobenzene
Concen: 13.398 ug/l
RT: 11.42 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	31.8	47.6
148	63.8	51.0	76.4



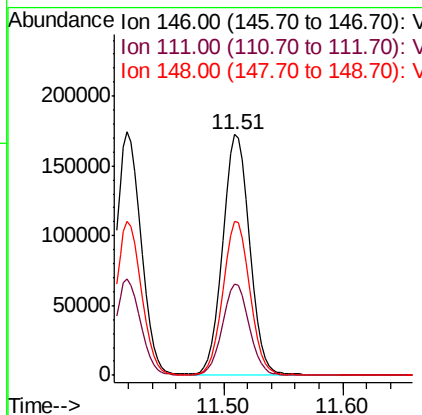
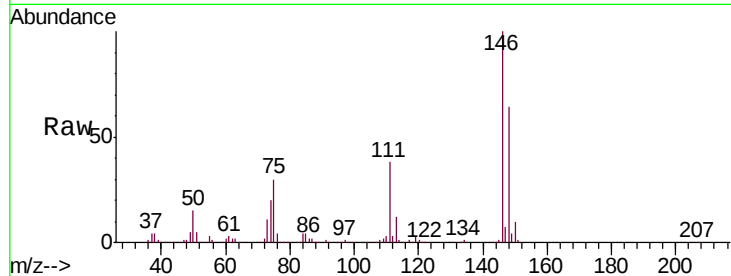


#83
 1,4-Dichlorobenzene
 Concen: 13.496 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

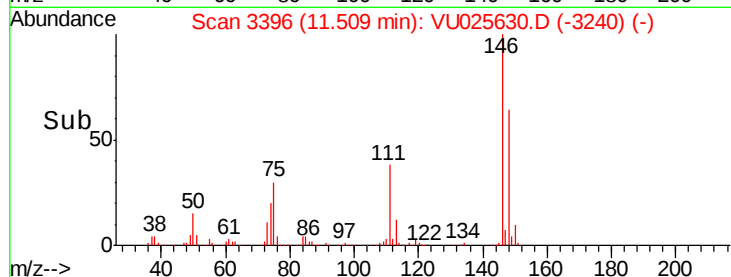
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:	146	Resp:	271758
Ion Ratio	Lower	Upper	
146	100		
111	37.7	30.1	45.1
148	64.0	50.6	76.0

Manual Integrations
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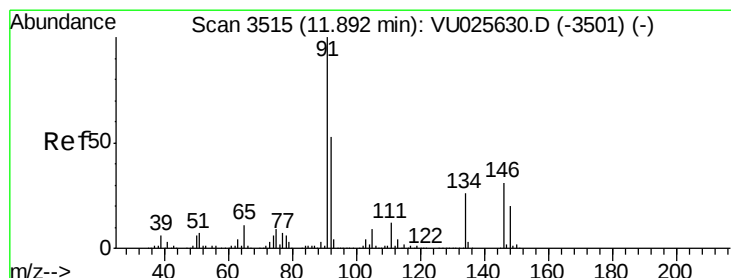


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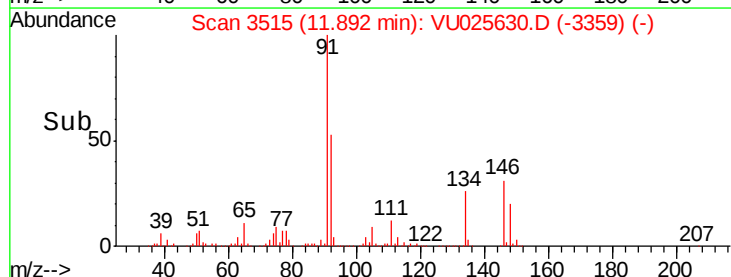
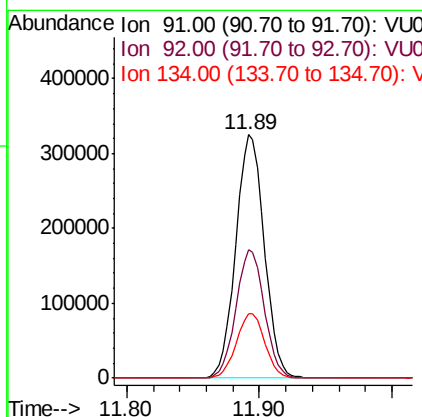
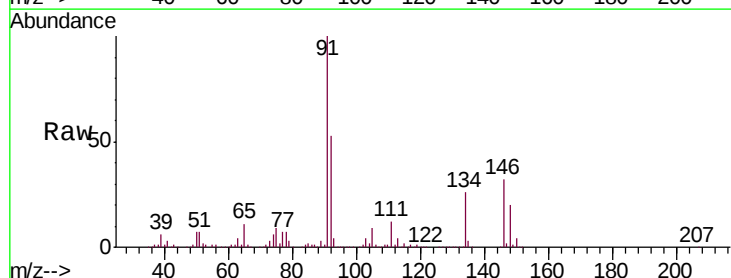
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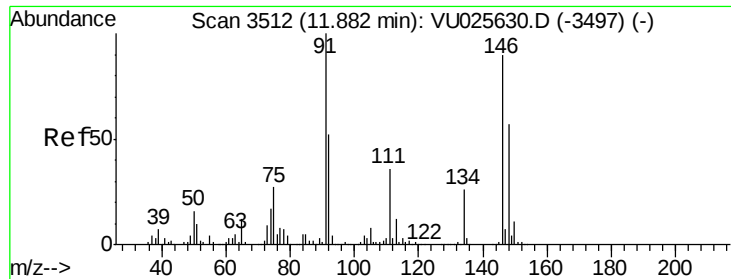
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#84
 n-Butylbenzene
 Concen: 13.475 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion:	91	Resp:	484822
Ion Ratio	Lower	Upper	
91	100		
92	52.3	42.2	63.2
134	26.6	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 13.708 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025630.D

Acq: 25 Jul 2018 11:26

Instrument :

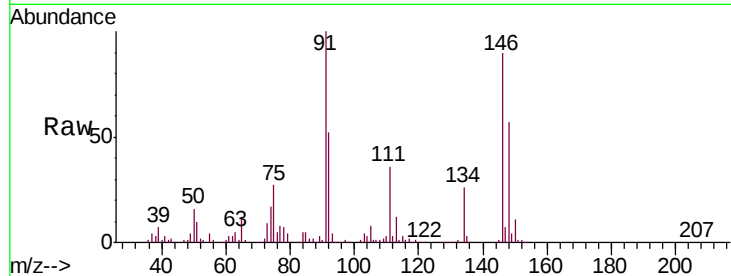
MSVOA_U

ClientSampled :

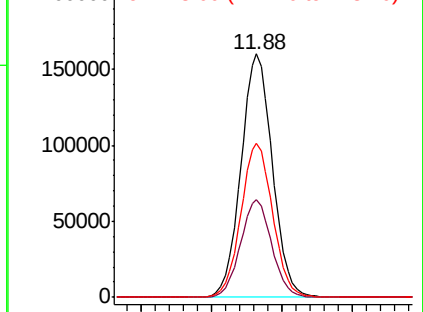
VSTDICCC010

Tot Ion:	146	Resp:	249533
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.7	62.1
148	64.0	31.9	95.5

Manual Integrations
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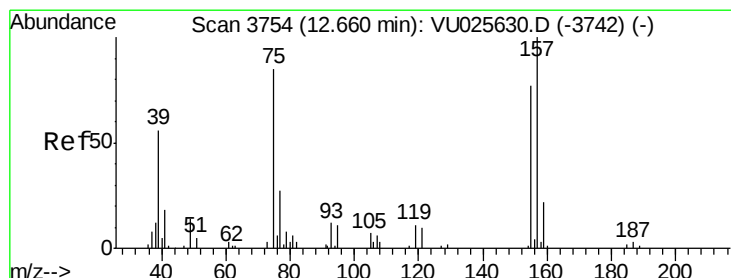
Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



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#86

1,2-Dibromo-3-Chloropropane

Concen: 15.217 ug/l

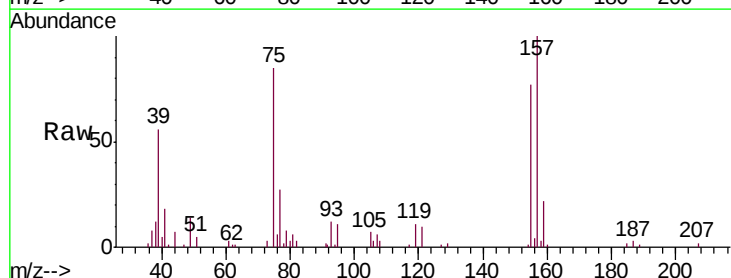
RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

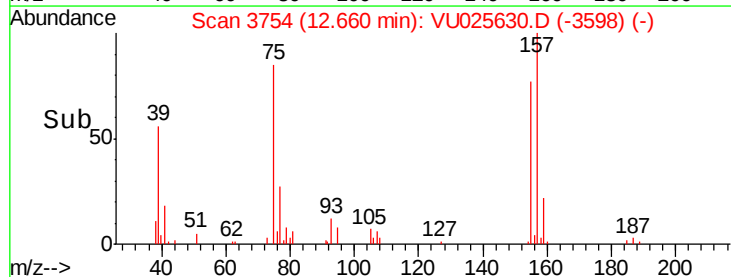
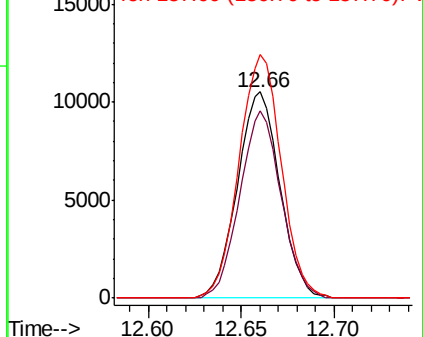
Lab File: VU025630.D

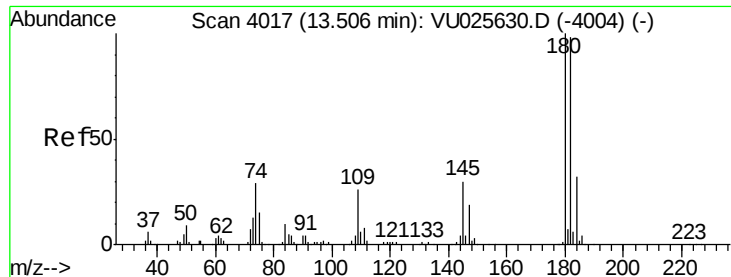
Acq: 25 Jul 2018 11:26

Tgt Ion:	75	Resp:	16768
Ion Ratio	Lower	Upper	
75	100		
155	88.3	65.8	98.6
157	117.5	83.5	125.3



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 155.00 (154.70 to 155.70): V
Ion 157.00 (156.70 to 157.70): V



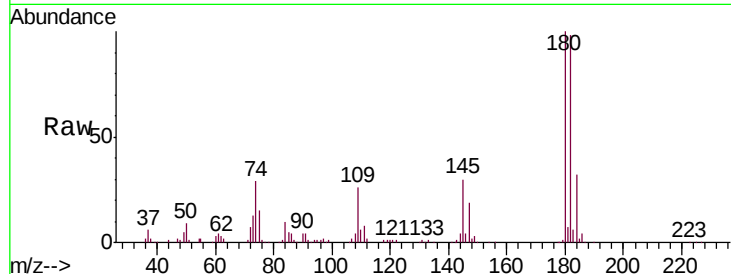


#87
 1,2,4-Trichlorobenzene
 Concen: 13.963 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.1	115.7
145	29.2	23.3	34.9

Manual Integrations
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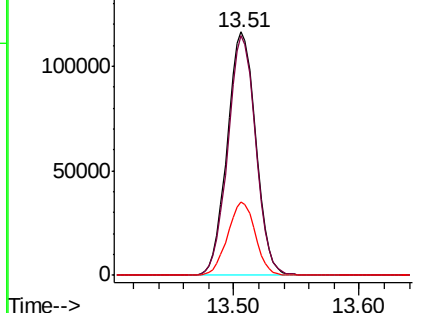
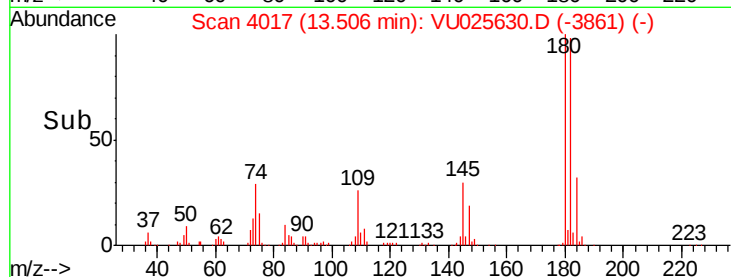


Abundance

Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

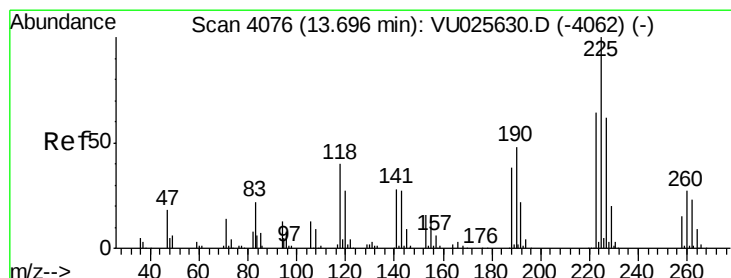
Ion 144.80 (144.50 to 145.50): V



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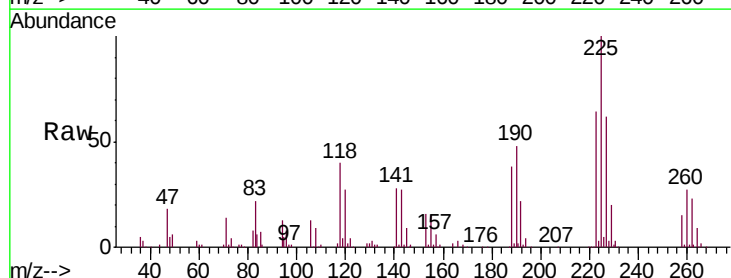
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#88
 Hexachlorobutadiene
 Concen: 13.373 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025630.D
 Acq: 25 Jul 2018 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	75.8
227	63.2	51.8	77.6

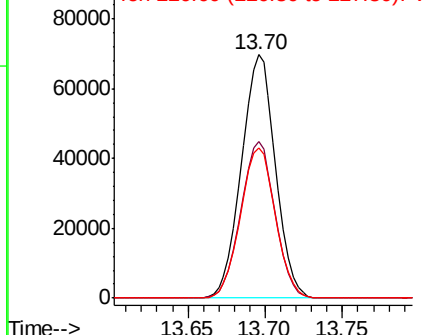
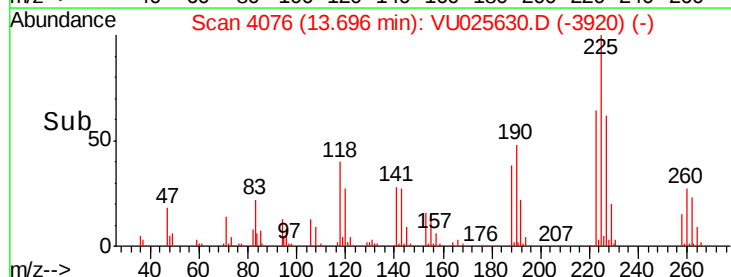


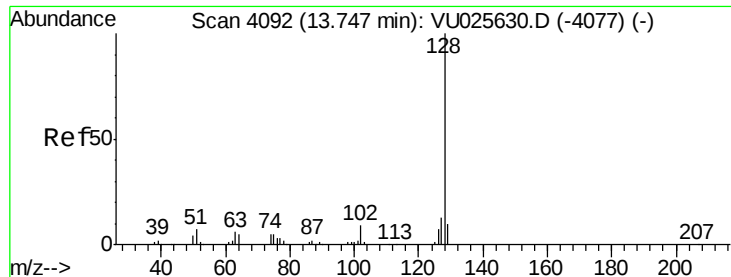
Abundance

Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





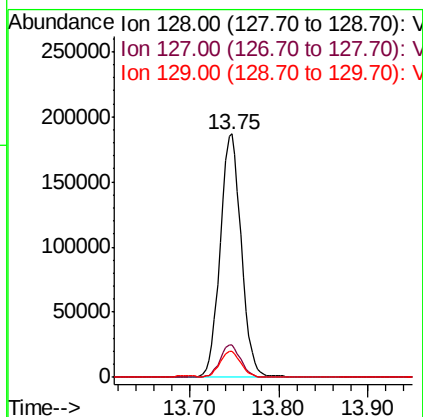
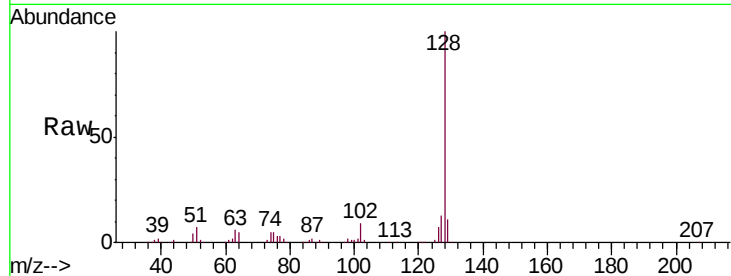
#89
Naphthalene
Concen: 15.426 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion:	128	Resp:	305872
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.7	8.7	13.1

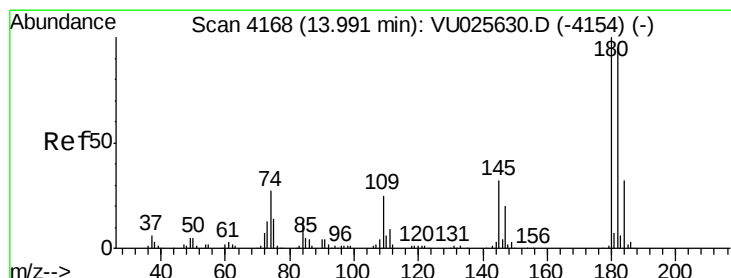
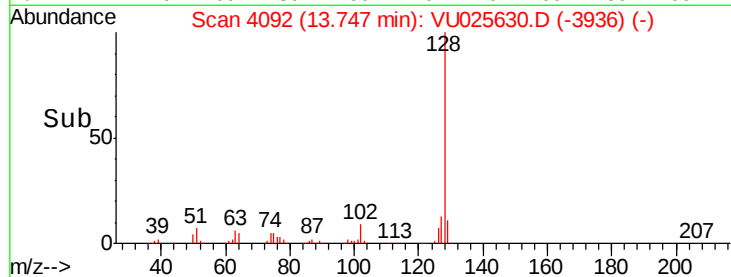
Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 13.388 ug/l
RT: 13.99 min Scan# 4168
Delta R.T. 0.00 min
Lab File: VU025630.D
Acq: 25 Jul 2018 11:26

Tgt Ion:	180	Resp:	165466
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.8	115.2
145	31.5	24.6	36.8

