

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121318\
 Data File : VU028632.D
 Acq On : 12 Dec 2018 01:17
 Operator : MD/SY
 Sample : J6347-07MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 11:49:02 AM

Quant Time: Dec 12 05:54:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	80523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	144761	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	68582	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
35) Dibromofluoromethane	4.88	113	50037	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	7.57	98	194179	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	10.30	95	71535	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	54437	50.437	ug/l	100
3) Chloromethane	1.33	50	93981	47.363	ug/l	98
4) Vinyl Chloride	1.40	62	71643	50.031	ug/l	99
5) Bromomethane	1.61	94	28393	49.222	ug/l	98
6) Chloroethane	1.69	64	41179	50.795	ug/l	98
7) Trichlorofluoromethane	1.88	101	76386	50.701	ug/l	99
8) Diethyl Ether	2.10	74	34134	48.426	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45081	50.031	ug/l	99
10) Methyl Iodide	2.41	142	46676	66.019	ug/l	100
11) Tert butyl alcohol	2.83	59	86417	315.645	ug/l	99
12) 1,1-Dichloroethene	2.28	96	44941	50.128	ug/l	96
13) Acrolein	2.19	56	56727	259.913	ug/l	100
14) Allyl chloride	2.59	41	105310	49.654	ug/l	99
15) Acrylonitrile	2.94	53	219663	288.993	ug/l	99
16) Acetone	2.32	43	181624	226.500	ug/l	99
17) Carbon Disulfide	2.48	76	153304	47.466	ug/l	100
18) Methyl Acetate	2.61	43	117617	56.583	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	178212	52.436	ug/l	98
20) Methylene Chloride	2.70	84	56523	47.817	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	49844	49.379	ug/l	99
22) Diisopropyl ether	3.57	45	222410	53.925	ug/l	98
23) Vinyl Acetate	3.52	43	825648	242.695	ug/l	99
24) 1,1-Dichloroethane	3.44	63	111036	51.430	ug/l	98
25) 2-Butanone	4.26	43	309811	282.717	ug/l	98
26) 2,2-Dichloropropane	4.22	77	75846	44.337	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	57969	50.738	ug/l	99
28) Bromochloromethane	4.55	49	55965	57.022	ug/l	98
29) Tetrahydrofuran	4.64	42	213782	303.759	ug/l	98
30) Chloroform	4.67	83	99649	52.958	ug/l	99
31) Cyclohexane	4.99	56	107808	51.199	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	82570	52.835	ug/l	97
36) 1,1-Dichloropropene	5.13	75	76446	48.258	ug/l	100
37) Ethyl Acetate	4.38	43	111683	54.539	ug/l	99
38) Carbon Tetrachloride	5.13	117	63614	49.824	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87833	45.449	ug/l	98
40) Benzene	5.39	78	237682	50.944	ug/l	96
41) Methacrylonitrile	4.54	41	64390	57.417	ug/l	98
42) 1,2-Dichloroethane	5.40	62	82975	50.808	ug/l	98
43) Isopropyl Acetate	5.55	43	167467	51.704	ug/l	98
44) Trichloroethene	6.18	130	50008	48.206	ug/l	98
45) 1,2-Dichloropropane	6.43	63	69813	53.212	ug/l	99
46) Dibromomethane	6.56	93	39985	51.366	ug/l	99
47) Bromodichloromethane	6.76	83	78039	51.518	ug/l	98
48) Methyl methacrylate	6.62	41	91311	56.689	ug/l	98
49) 1,4-Dioxane	6.61	88	30127	1184.558	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	588282	287.971	ug/l	99
52) Toluene	7.64	92	134569	49.010	ug/l	96
53) t-1,3-Dichloropropene	7.88	75	89582	49.655	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	95699	48.893	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	57367	52.854	ug/l	97
56) Ethyl methacrylate	8.02	69	99670	53.625	ug/l	97
57) 1,3-Dichloropropane	8.24	76	103150	51.197	ug/l	99
59) 2-Hexanone	8.36	43	456643	282.022	ug/l	100
60) Dibromochloromethane	8.48	129	54689	51.465	ug/l	100
61) 1,2-Dibromoethane	8.58	107	59689	52.442	ug/l	100
64) Tetrachloroethene	8.22	164	42520	47.284	ug/l	99
65) Chlorobenzene	9.12	112	140581	48.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49176	53.605	ug/l	98
67) Ethyl Benzene	9.25	91	262280	49.664	ug/l	100
68) m/p-Xylenes	9.37	106	192724	100.290	ug/l	100
69) o-Xylene	9.78	106	94042	50.358	ug/l	100
70) Styrene	9.79	104	155604	50.349	ug/l	100
71) Bromoform	9.96	173	41701	53.435	ug/l #	99
73) Isopropylbenzene	10.16	105	247894	50.234	ug/l	100
74) N-amyl acetate	10.01	43	143933	50.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	105694	55.756	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	93750m	57.089	ug/l	
77) Bromobenzene	10.45	156	58344	50.553	ug/l	99
78) n-propylbenzene	10.58	91	304997	49.740	ug/l	99
79) 2-Chlorotoluene	10.66	91	181671	51.434	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	206956	50.665	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	31432m	47.091	ug/l	
82) 4-Chlorotoluene	10.77	91	207767	49.639	ug/l	100
83) tert-Butylbenzene	11.10	119	198799	50.492	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	213180	50.640	ug/l	100
85) sec-Butylbenzene	11.32	105	248022	49.035	ug/l	99
86) p-Isopropyltoluene	11.48	119	207227	48.230	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	104717	48.052	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	107021	47.466	ug/l	99
89) n-Butylbenzene	11.89	91	196989	45.302	ug/l	99
90) Hexachloroethane	12.14	117	33117	50.994	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	108416	49.735	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23682	57.704	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	70229	46.937	ug/l	97

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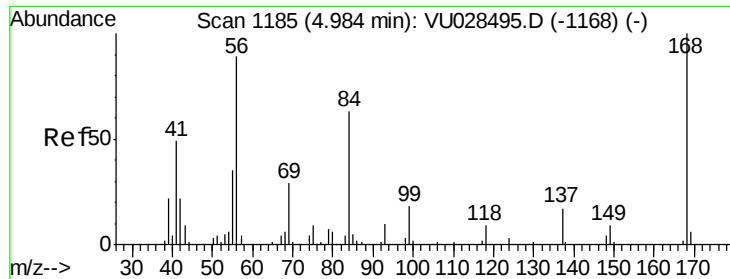
Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	27217	38.116	ug/l	95
95) Naphthalene	13.74	128	264093	50.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	73308	49.175	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion:168 Resp: 80523

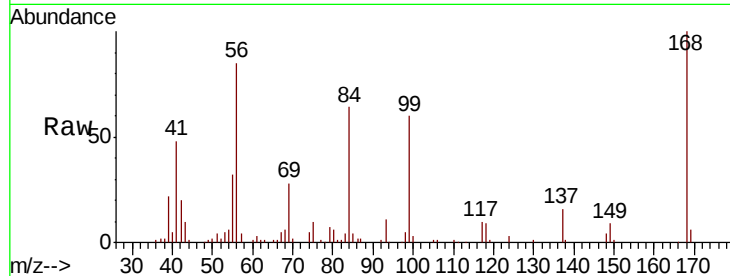
Ion Ratio Lower Upper

168 100

99 59.6 46.6 69.8

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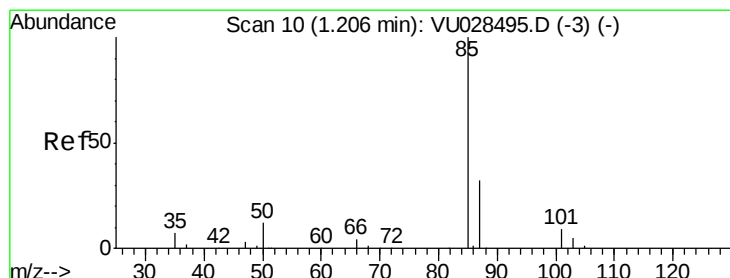
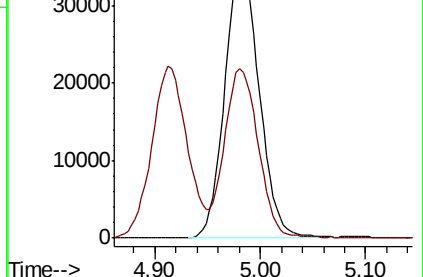
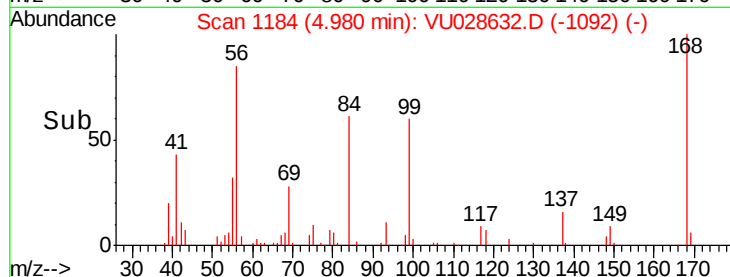


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 50.437 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU028632.D

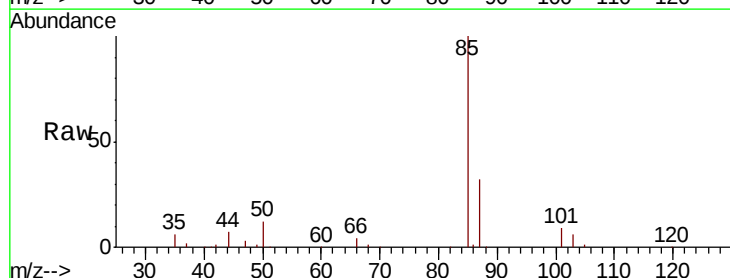
Acq: 12 Dec 2018 01:17

Tgt Ion: 85 Resp: 54437

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6

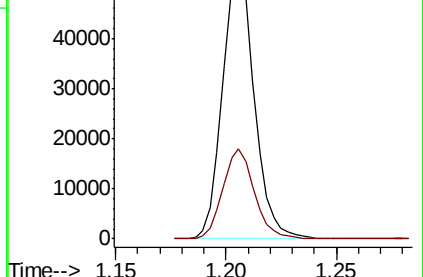
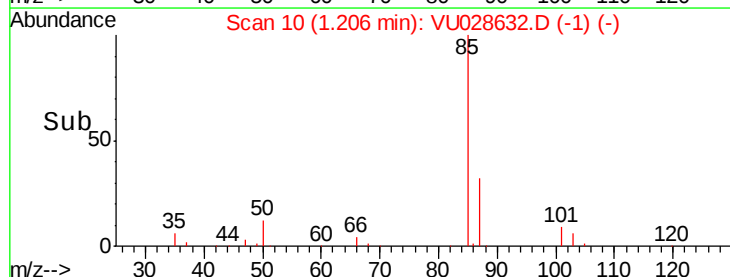


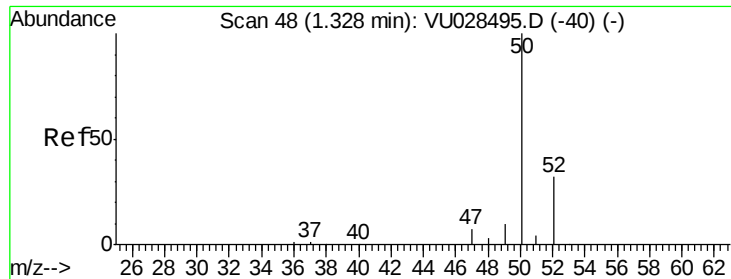
Abundance Ion 84.90 (84.60 to 85.60): VU028495.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028495.D (-3) (-)

1.21

1.15 1.20 1.25





#3

Chloromethane

Concen: 47.363 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 50 Resp: 93981

Ion Ratio Lower Upper

50 100

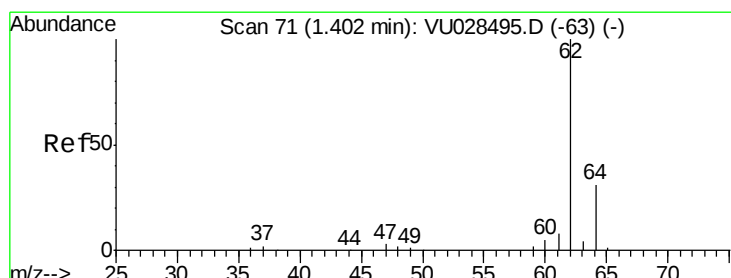
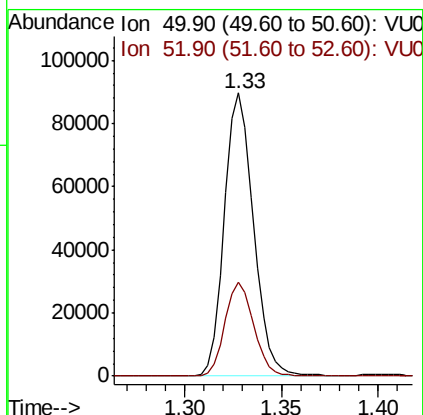
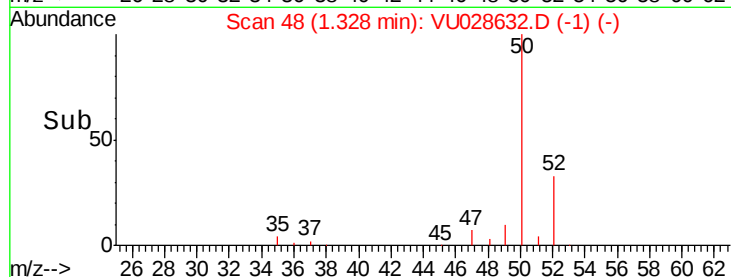
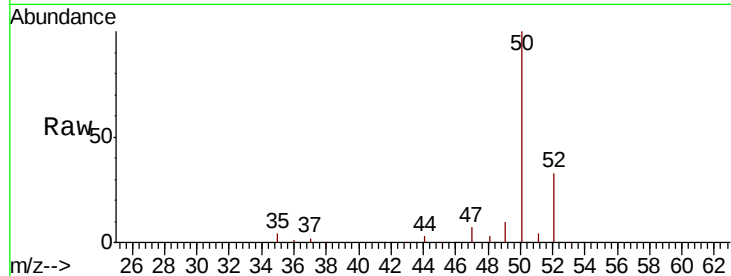
52 33.0 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.031 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028632.D

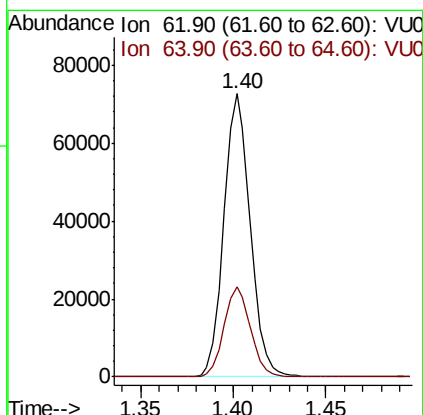
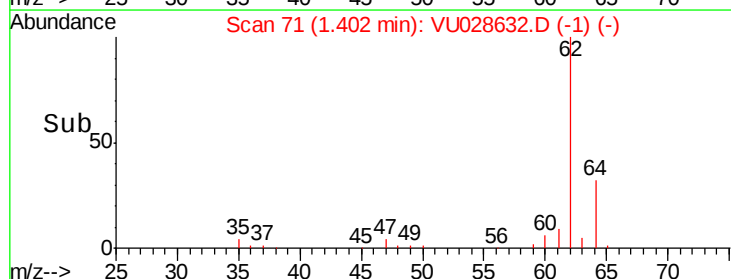
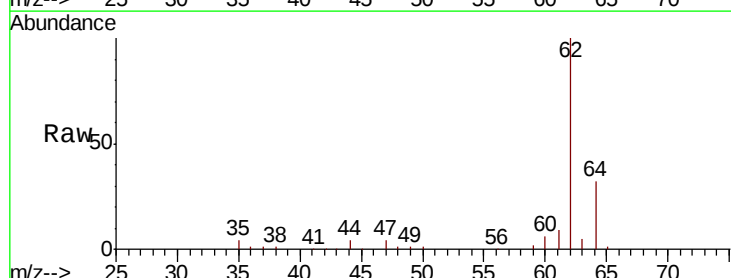
Acq: 12 Dec 2018 01:17

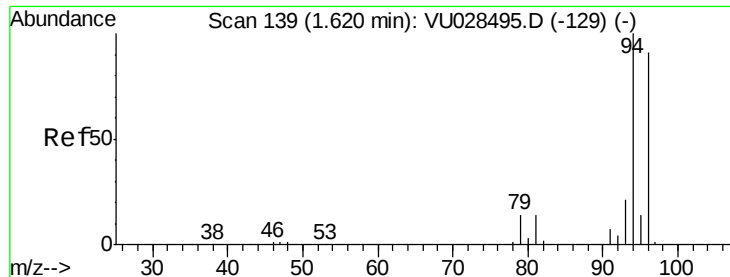
Tgt Ion: 62 Resp: 71643

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 49.222 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.01 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 94 Resp: 28393

Ion Ratio Lower Upper

94 100

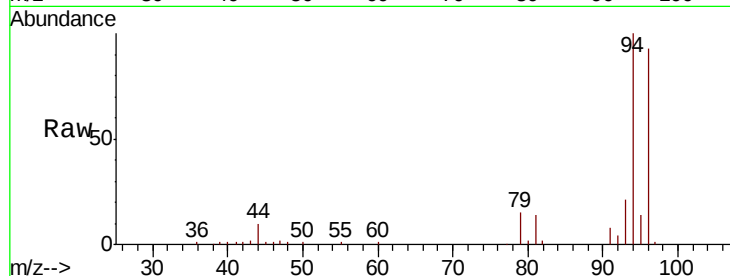
96 93.3 73.2 109.8

Manual Integrations

APPROVED

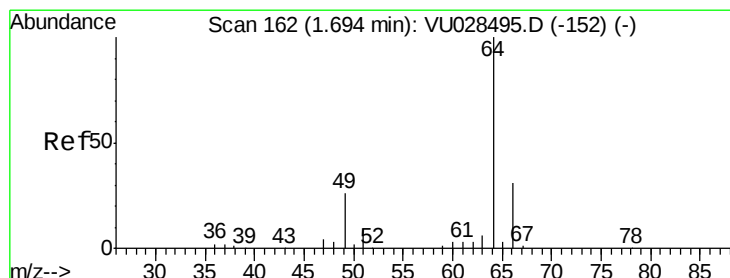
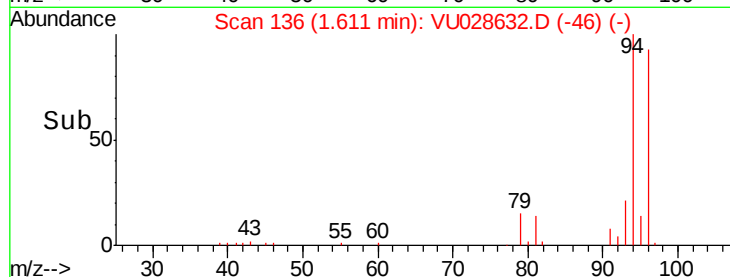
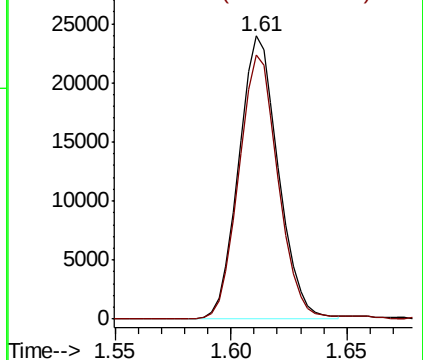
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12/12/2018 11:49:02 AM



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 50.795 ug/l

RT: 1.69 min Scan# 160

Delta R.T. -0.01 min

Lab File: VU028632.D

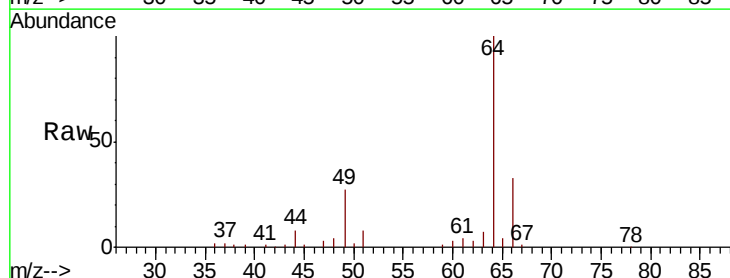
Acq: 12 Dec 2018 01:17

Tgt Ion: 64 Resp: 41179

Ion Ratio Lower Upper

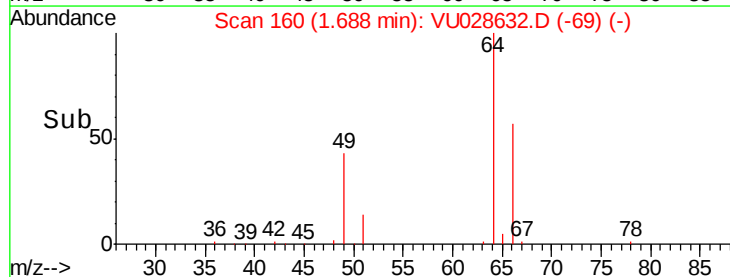
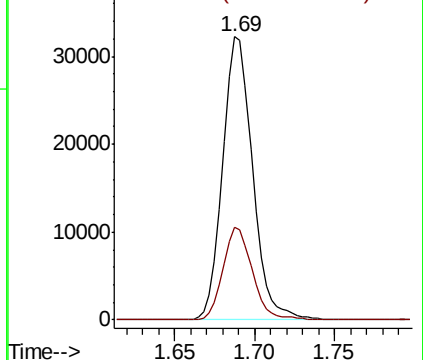
64 100

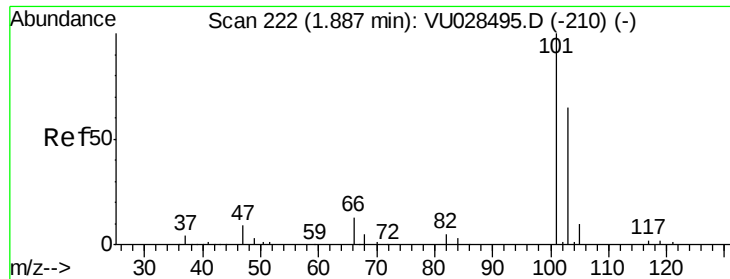
66 32.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

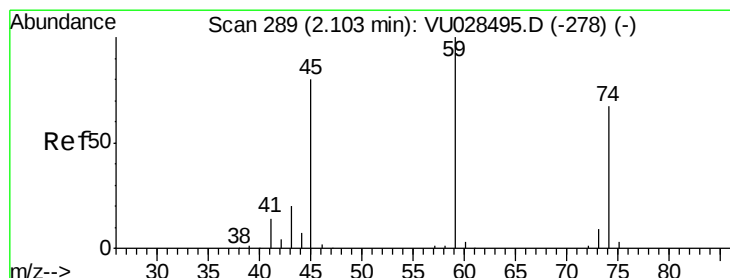
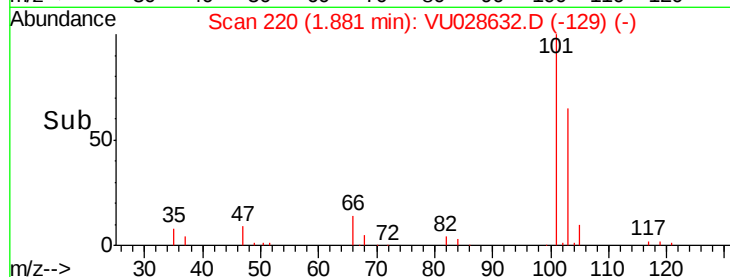
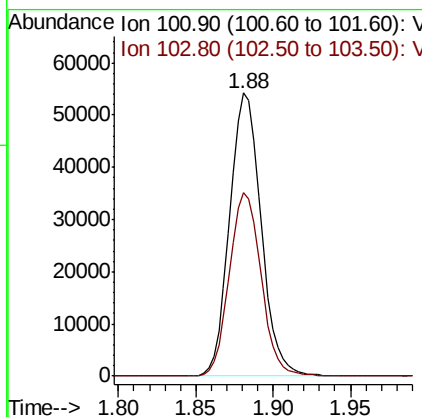
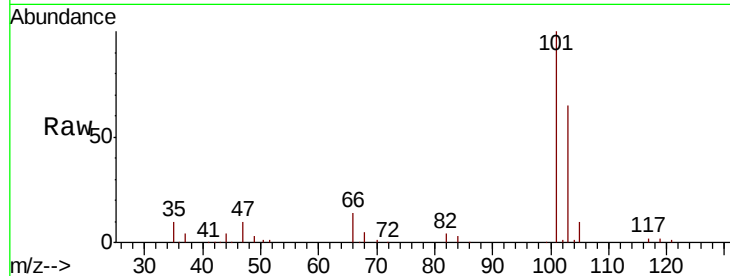
Trichlorofluoromethane
 Concen: 50.701 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

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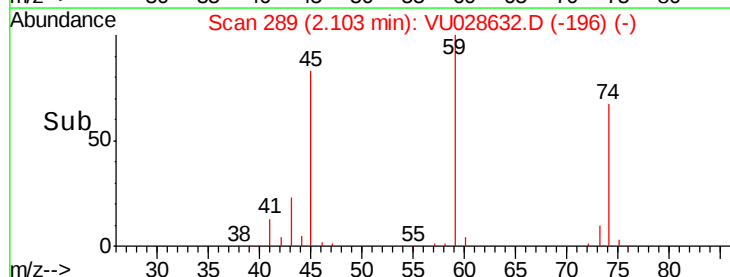
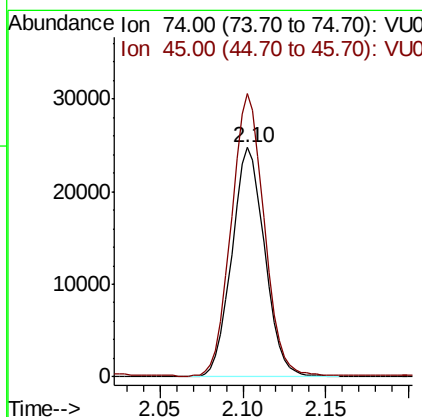
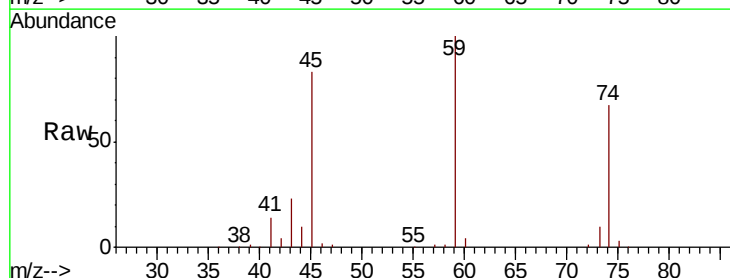
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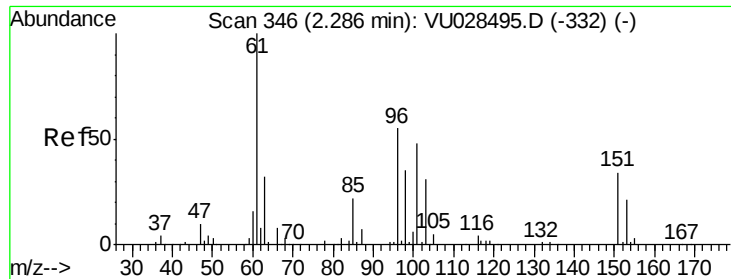


#8

Diethyl Ether
 Concen: 48.426 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	124.7	59.7	179.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.031 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion:101 Resp: 45081

Ion Ratio Lower Upper

101 100

85 46.7 36.4 54.6

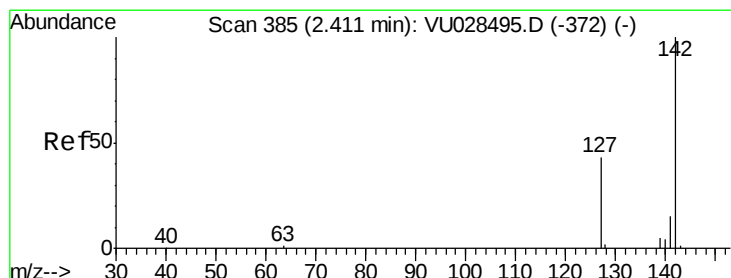
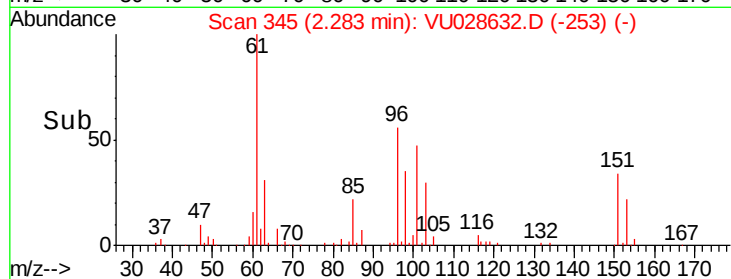
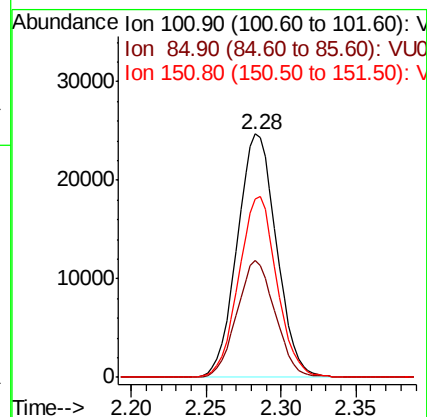
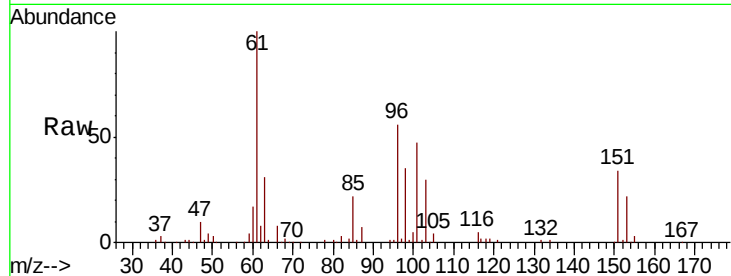
151 72.1 58.2 87.2

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#10

Methyl Iodide

Concen: 66.019 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

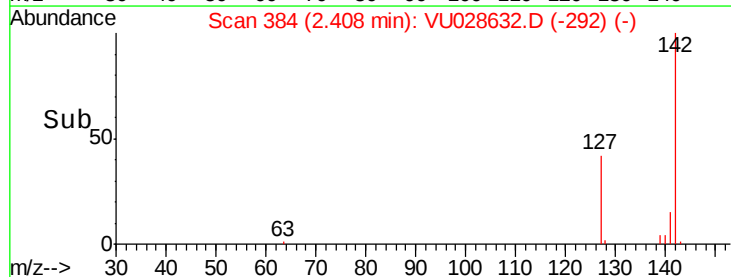
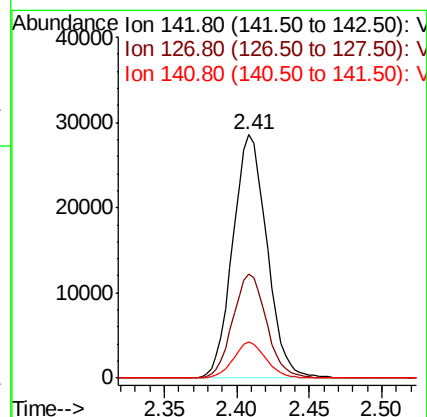
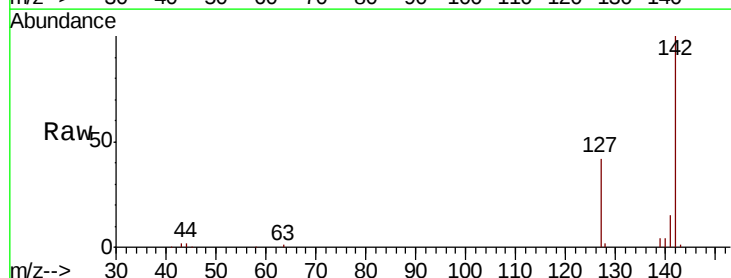
Tgt Ion:142 Resp: 46676

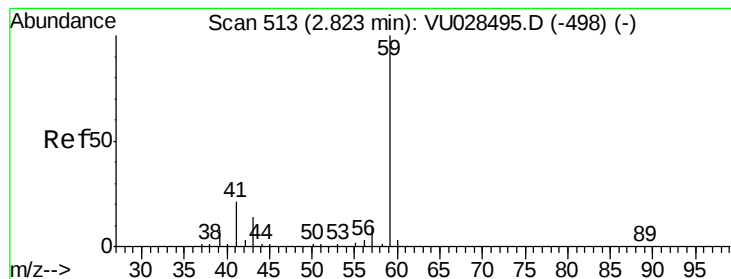
Ion Ratio Lower Upper

142 100

127 42.0 33.5 50.3

141 14.0 11.2 16.8





#11

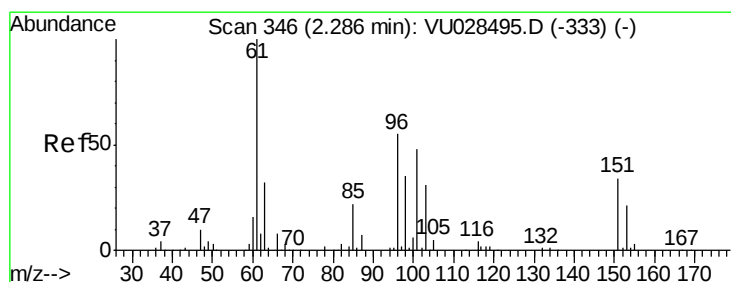
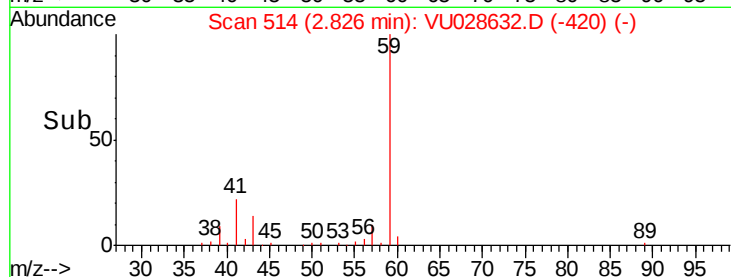
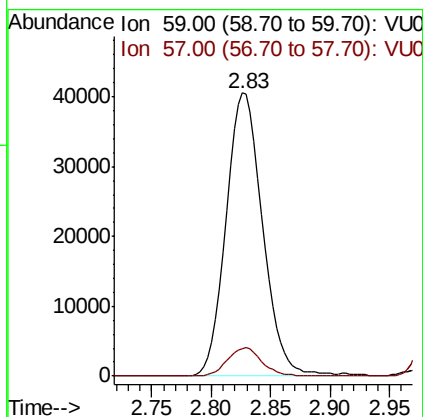
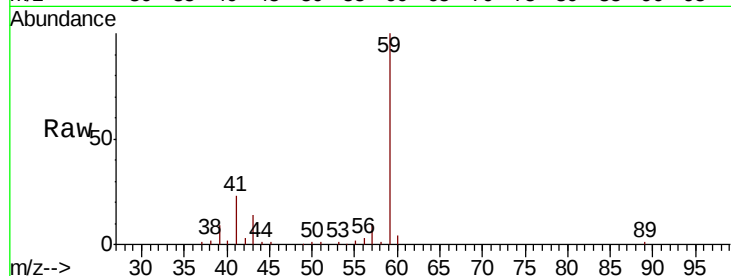
Tert butyl alcohol
 Concen: 315.645 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.0	12.0

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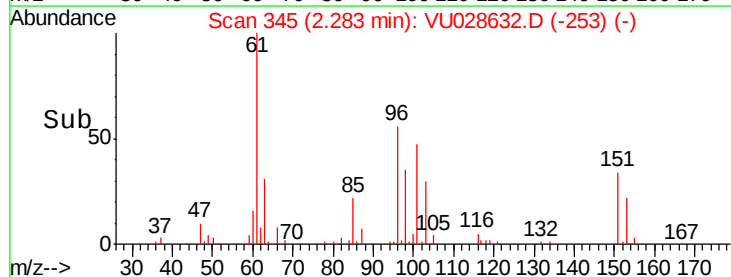
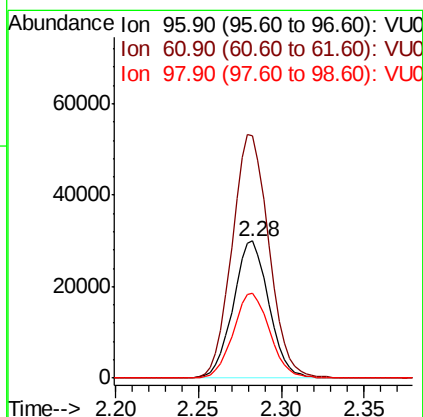
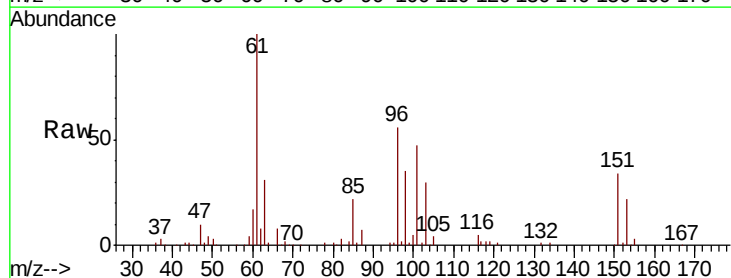
MMDadoda
 12/12/2018 11:49:02 AM

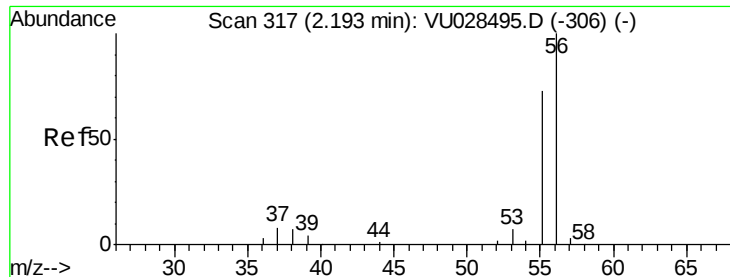


#12

1,1-Dichloroethene
 Concen: 50.128 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.3	146.4	219.6
98	62.0	51.8	77.8





#13

Acrolein

Concen: 259.913 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 56 Resp: 56727

Ion Ratio Lower Upper

56 100

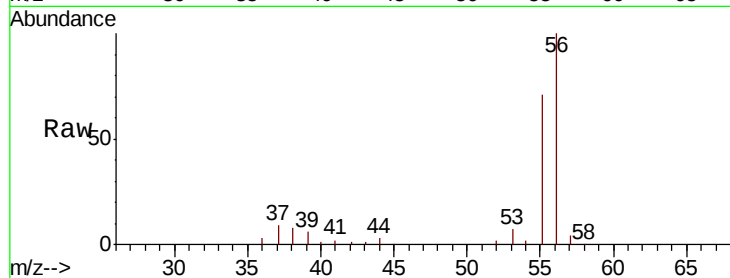
55 71.5 57.5 86.3

Manual Integrations

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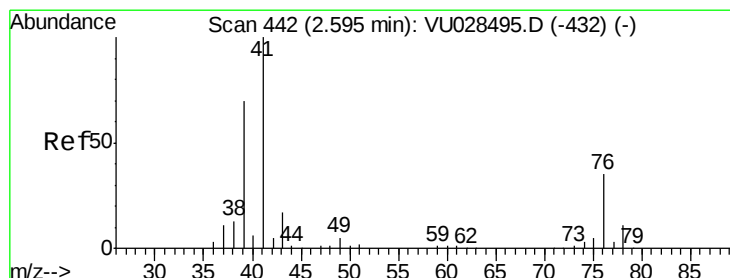
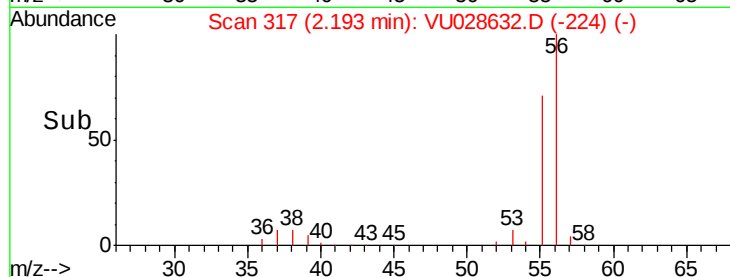
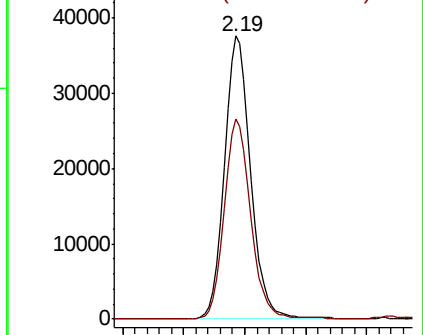
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 49.654 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

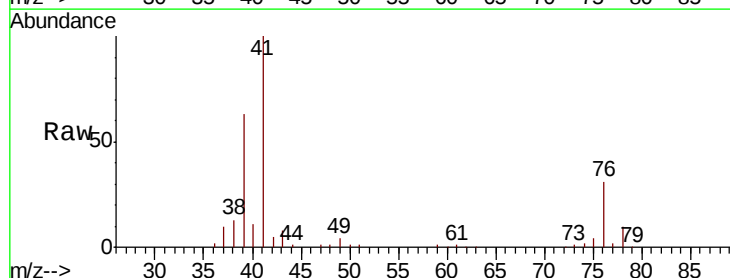
Tgt Ion: 41 Resp: 105310

Ion Ratio Lower Upper

41 100

39 63.7 50.8 76.2

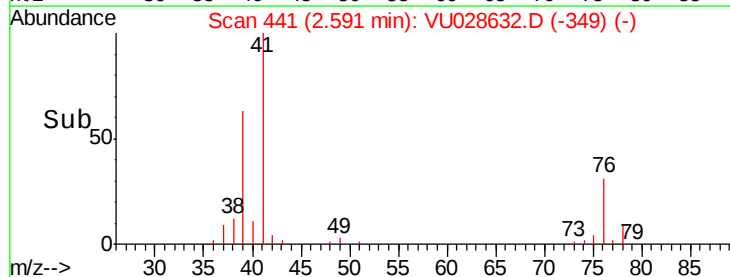
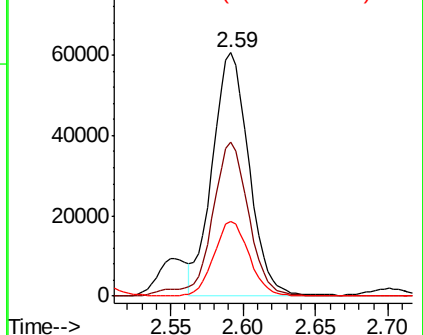
76 30.0 24.8 37.2

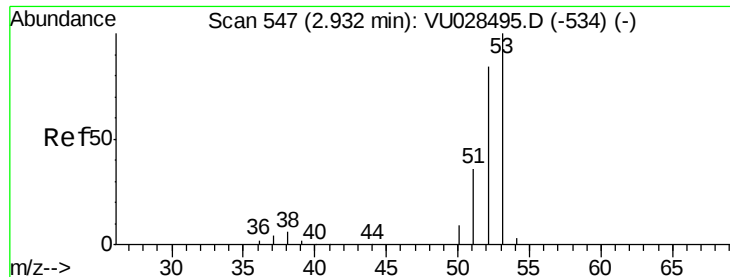


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 288.993 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

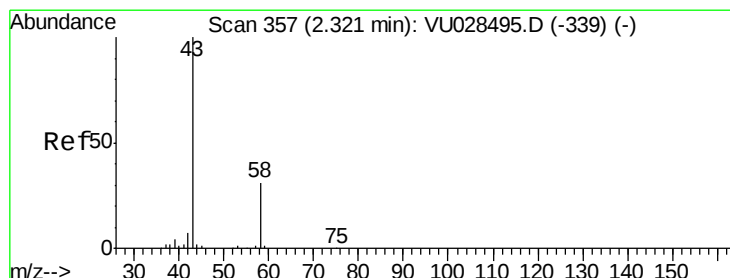
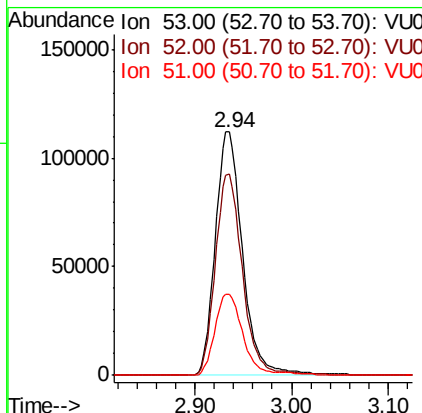
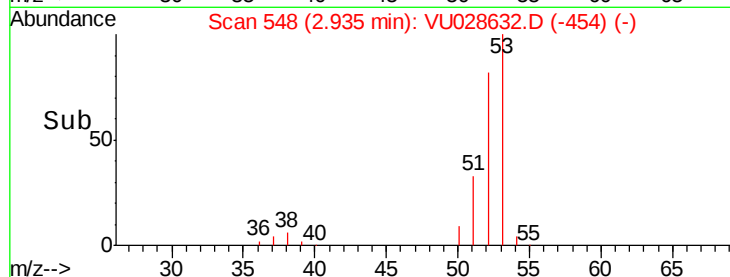
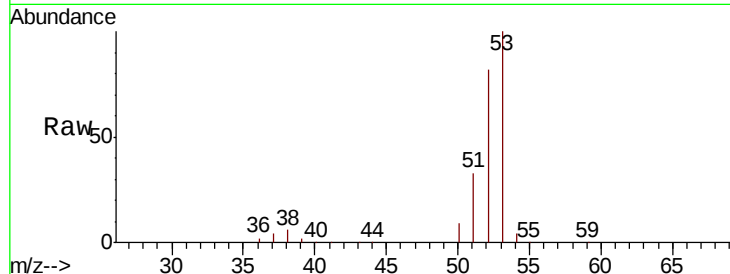
ClientSampleId :

P001-SW001-01MS

Tot Ion:	53	Resp:	219663
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.1	99.1
51	33.6	28.1	42.1

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#16

Acetone

Concen: 226.500 ug/l

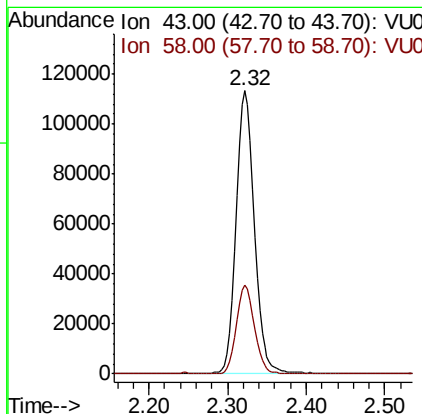
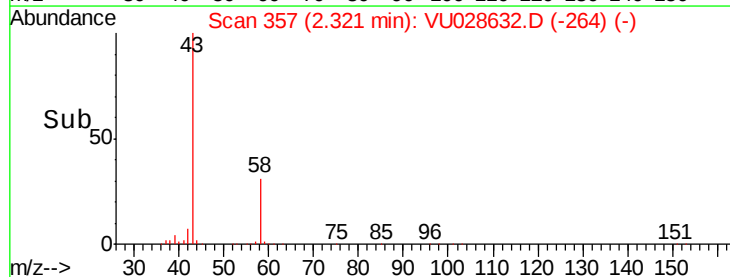
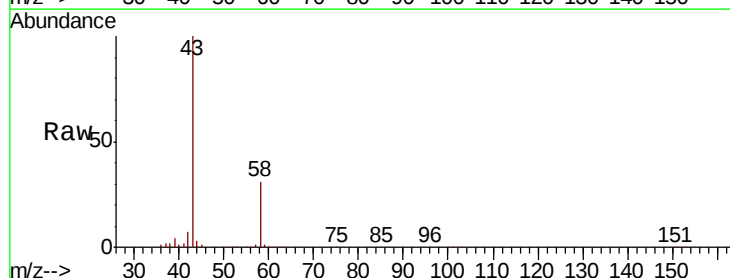
RT: 2.32 min Scan# 357

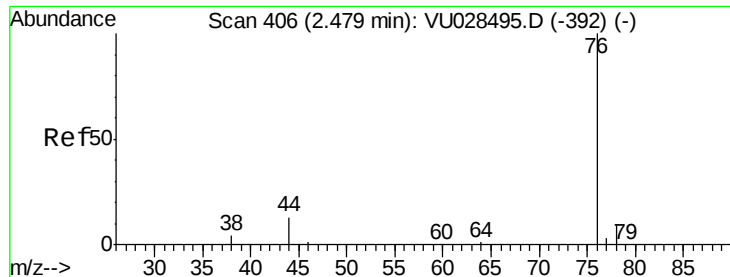
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	43	Resp:	181624
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.6	37.0





#17

Carbon Disulfide

Concen: 47.466 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 76 Resp: 153304

Ion Ratio Lower Upper

76 100

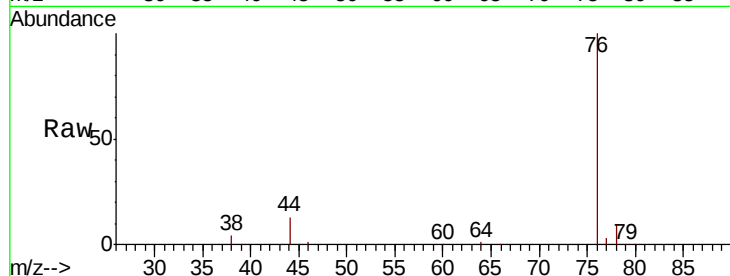
78 9.1 7.2 10.8

Manual Integrations

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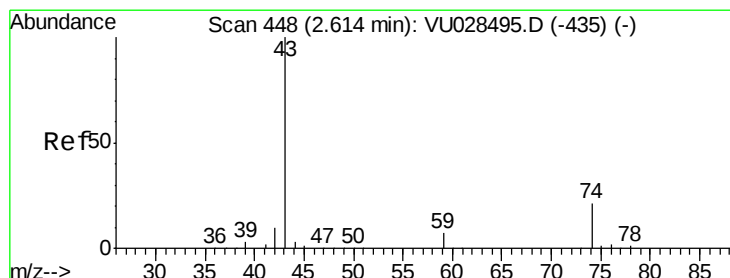
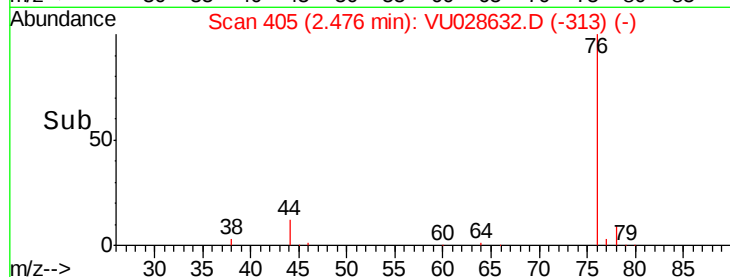
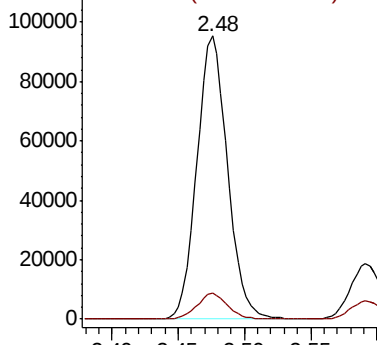
MMDadoda

12/12/2018 11:49:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 56.583 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028632.D

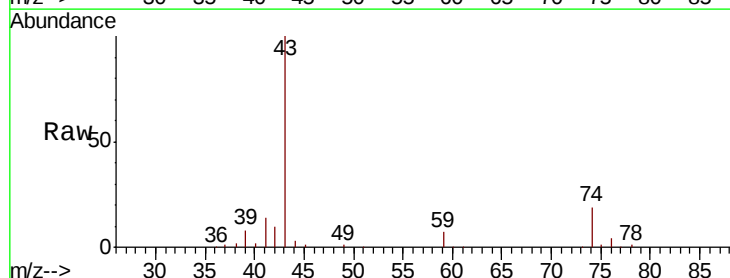
Acq: 12 Dec 2018 01:17

Tgt Ion: 43 Resp: 117617

Ion Ratio Lower Upper

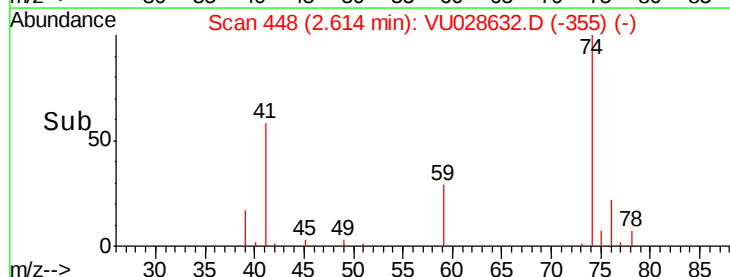
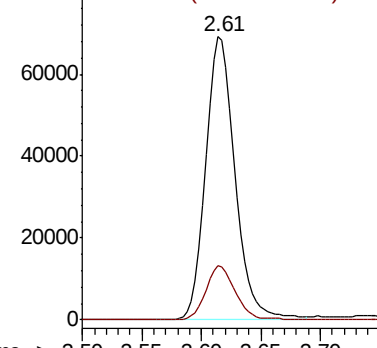
43 100

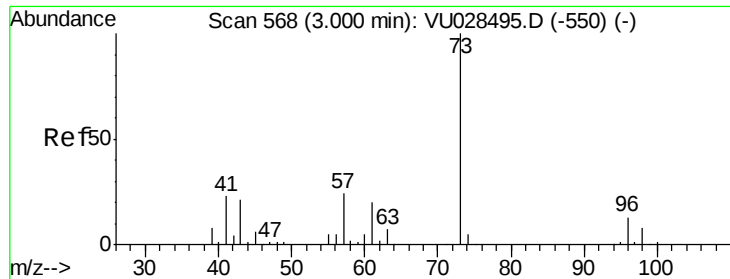
74 19.3 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





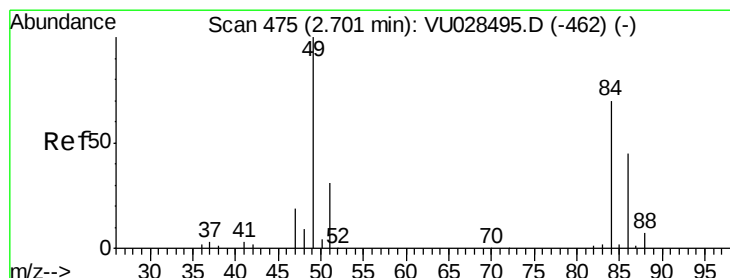
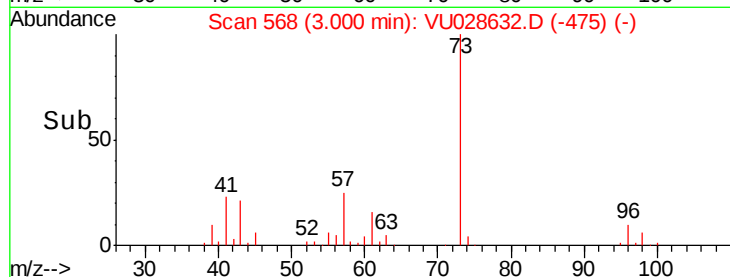
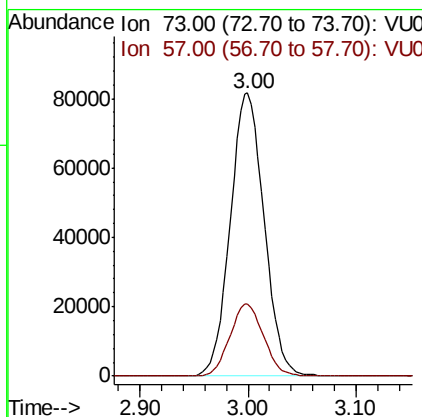
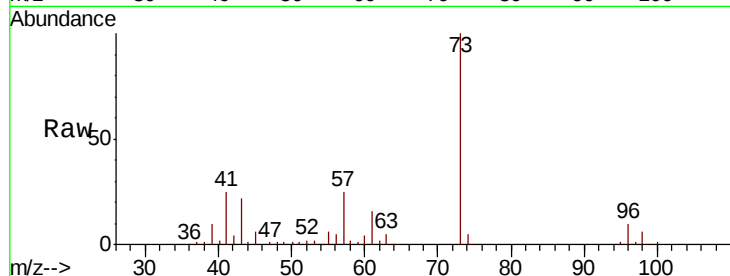
#19
Methvl tert-butvl Ether
Concen: 52.436 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion: 73 Resp: 178212
Ion Ratio Lower Upper
73 100
57 25.4 19.4 29.2

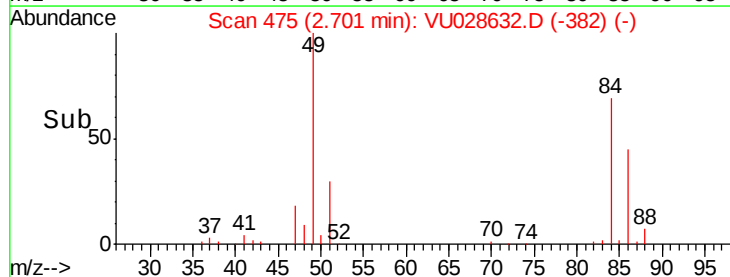
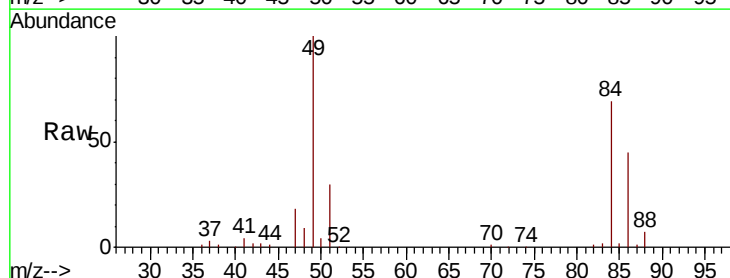
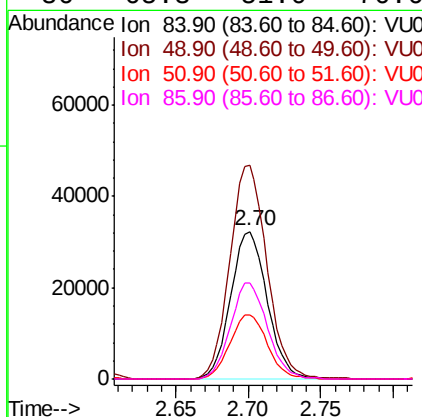
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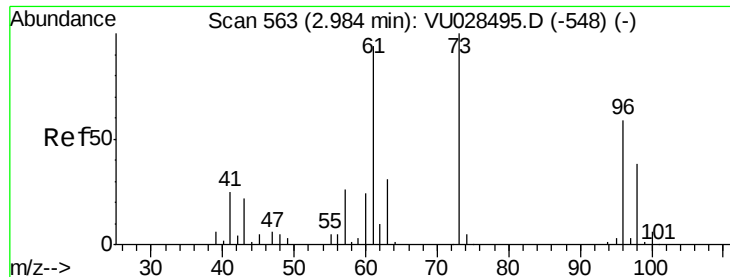
MMDadoda
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#20
Methylene Chloride
Concen: 47.817 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion: 84 Resp: 56523
Ion Ratio Lower Upper
84 100
49 144.9 114.0 171.0
51 43.7 35.1 52.7
86 65.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.379 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 96 Resp: 49844

Ion Ratio Lower Upper

96 100

61 160.2 127.0 190.4

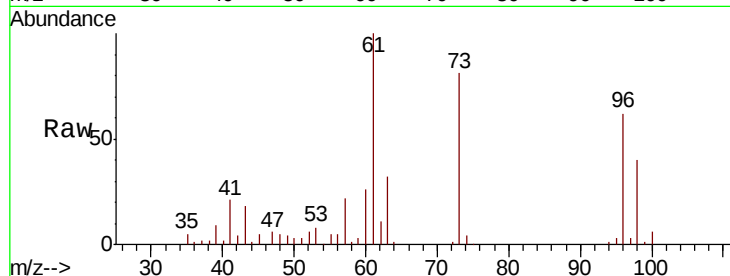
98 64.9 51.9 77.9

Manual Integrations

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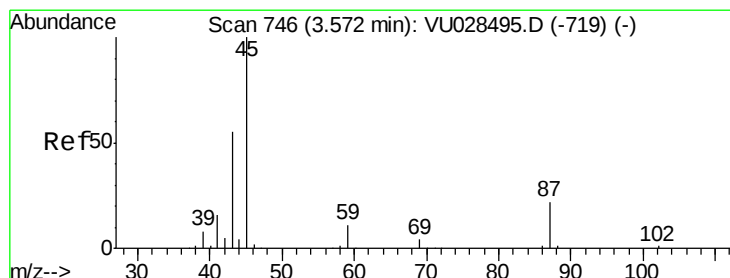
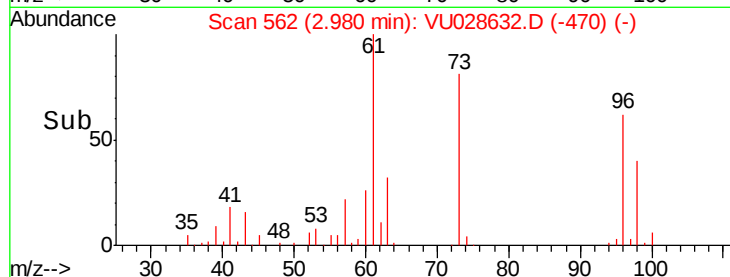
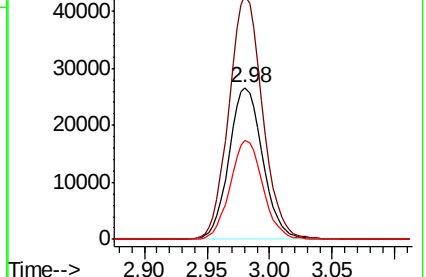
12/12/2018 11:49:02 AM



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-548) (-)



#22

Diisopropyl ether

Concen: 53.925 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion: 45 Resp: 222410

Ion Ratio Lower Upper

45 100

43 55.1 45.3 67.9

87 21.2 17.6 26.4

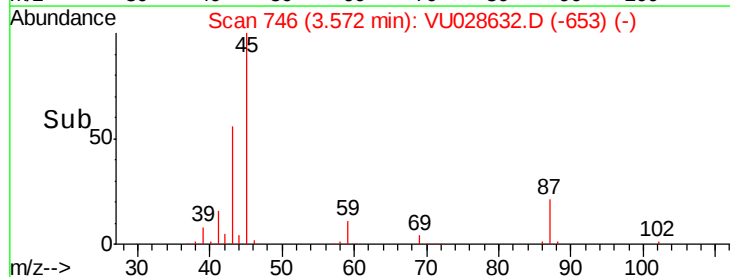
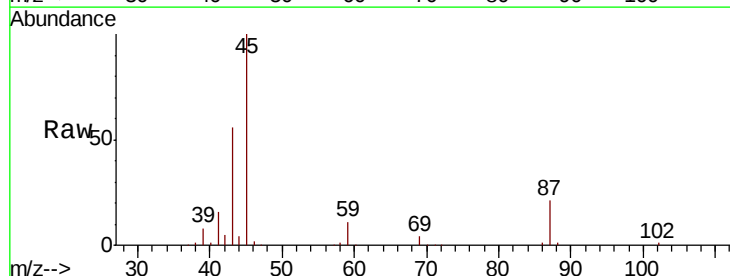
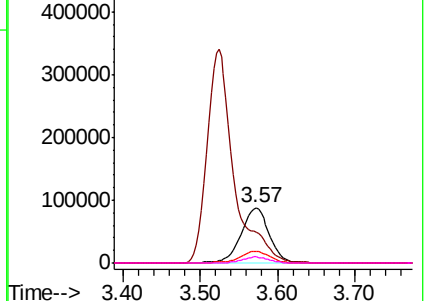
59 10.7 8.8 13.2

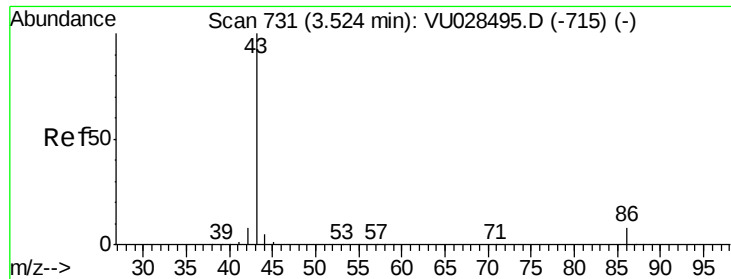
Abundance Ion 45.00 (44.70 to 45.70): VU028495.D (-719) (-)

Ion 43.00 (42.70 to 43.70): VU028495.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU028495.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU028495.D (-719) (-)





#23

Vinyl Acetate

Concen: 242.695 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleID :

P001-SW001-01MS

Tot Ion: 43 Resp: 825648

Ion Ratio Lower Upper

43 100

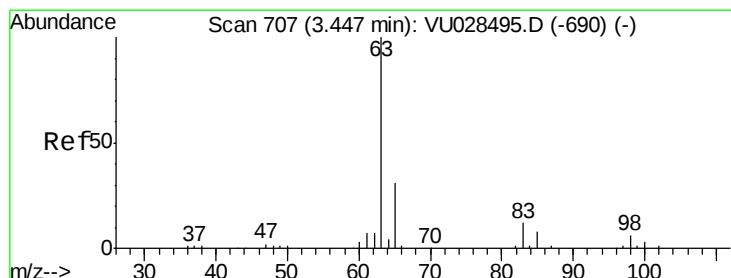
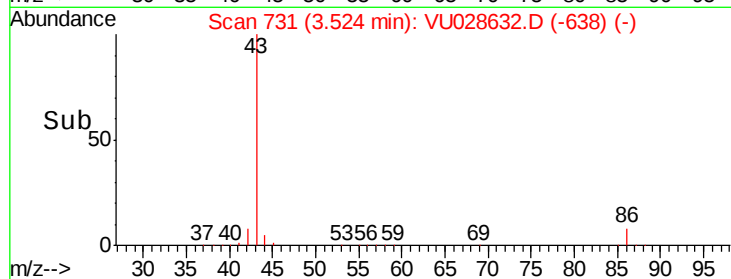
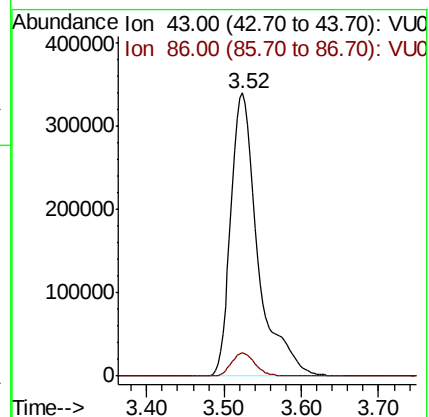
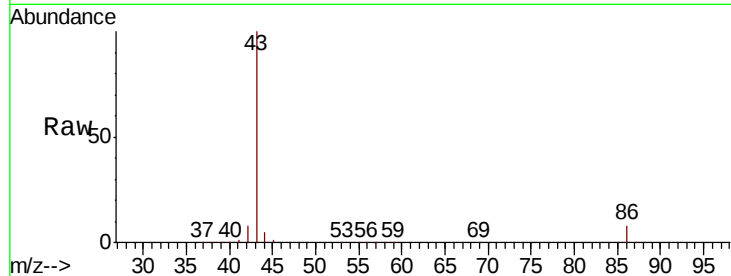
86 8.3 6.8 10.2

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#24

1,1-Dichloroethane

Concen: 51.430 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

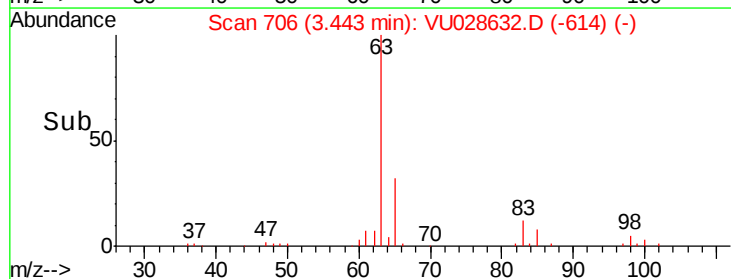
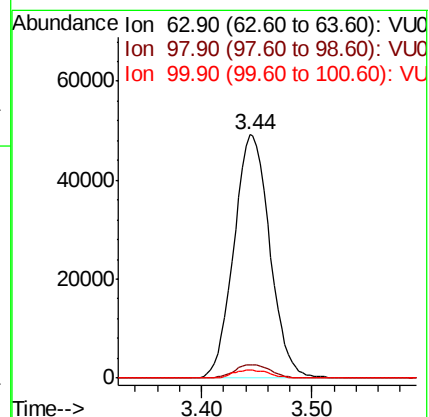
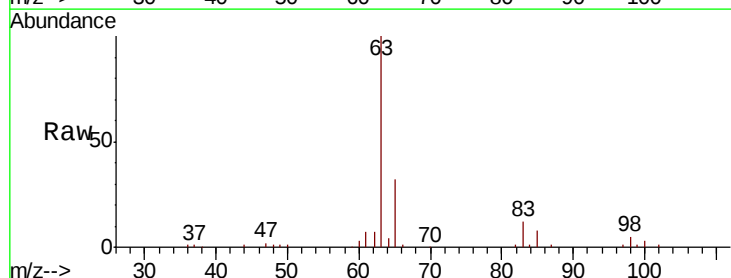
Tgt Ion: 63 Resp: 111036

Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 3.2 1.7 5.1





#25

2-Butanone

Concen: 282.717 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 43 Resp: 309811

Ion Ratio Lower Upper

43 100

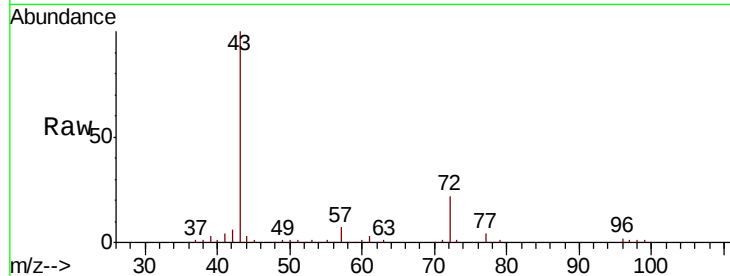
72 22.3 18.6 28.0

Manual Integrations

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MMDadoda

12/12/2018 11:49:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-930) (-)

Ion 72.00 (71.70 to 72.70): VU028495.D (-930) (-)

150000

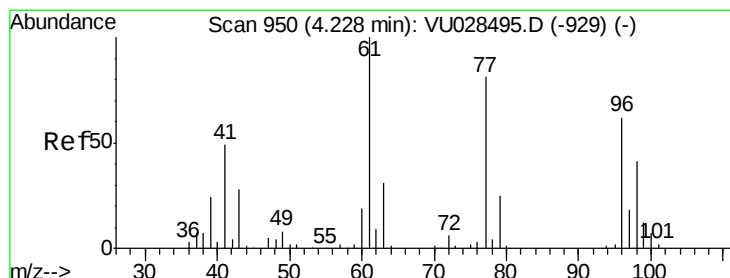
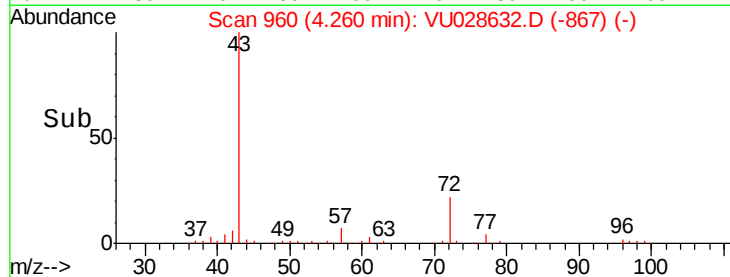
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 44.337 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028632.D

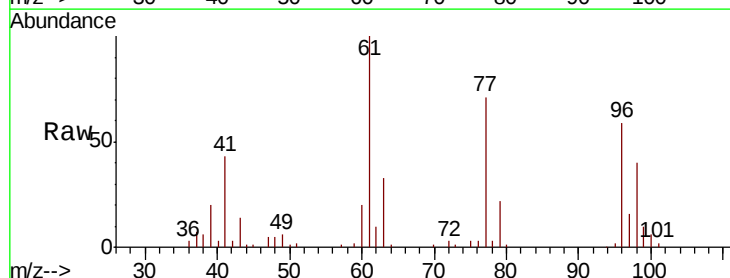
Acq: 12 Dec 2018 01:17

Tgt Ion: 77 Resp: 75846

Ion Ratio Lower Upper

77 100

97 22.3 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VU028495.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU028495.D (-929) (-)

30000

25000

20000

15000

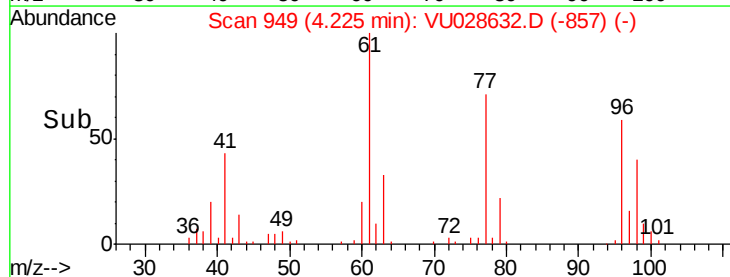
10000

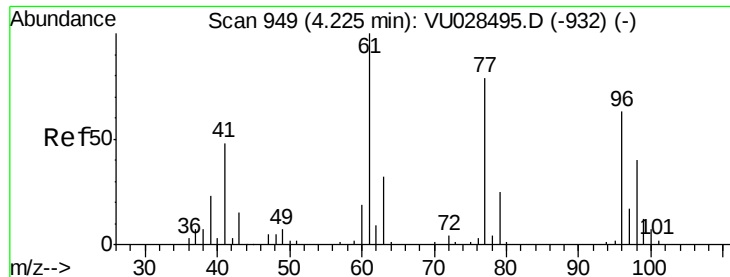
5000

0

4.10 4.20 4.30

Time-->





#27

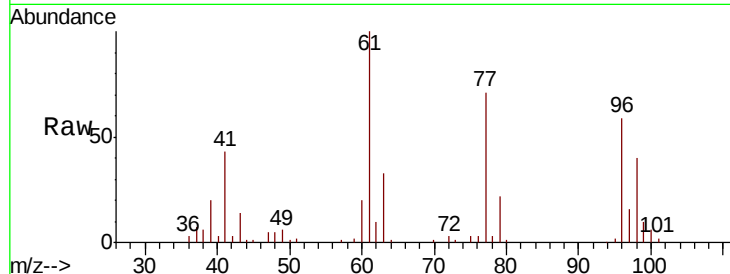
cis-1,2-Dichloroethene
Concen: 50.738 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	332.4
98	64.9	0.0	129.0

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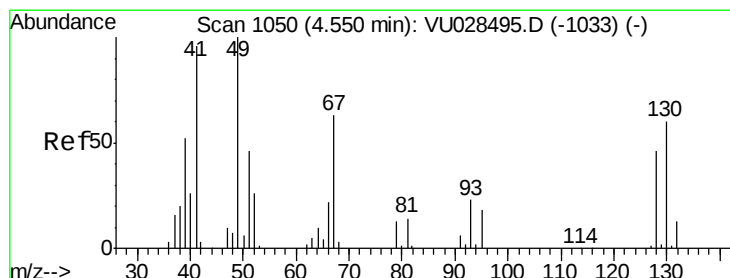
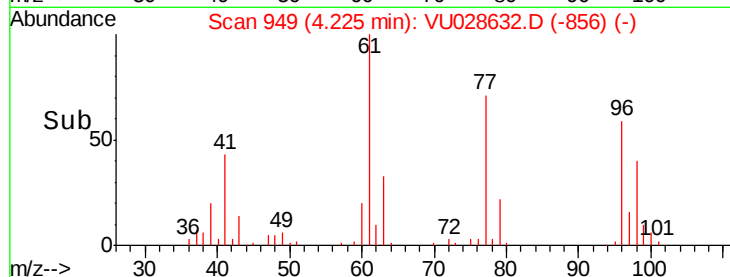
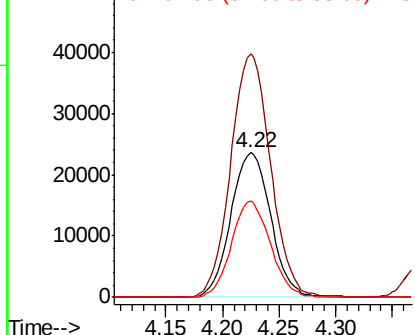


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

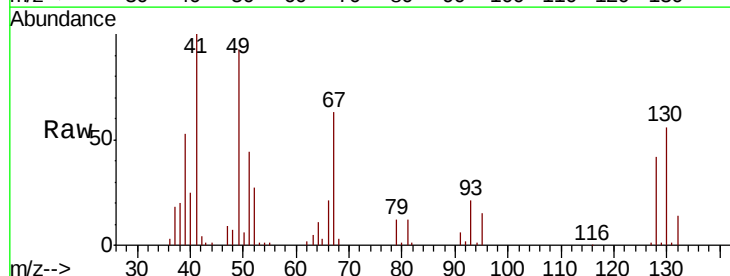
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
Concen: 57.022 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	58.2	47.8	71.8

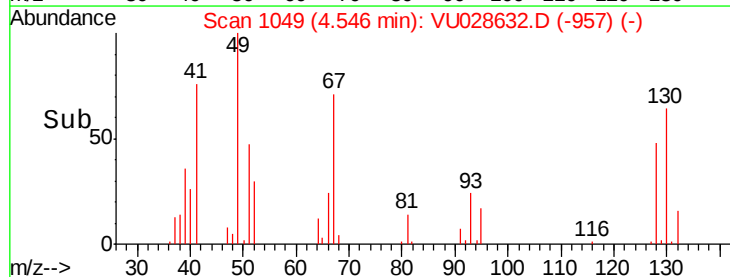
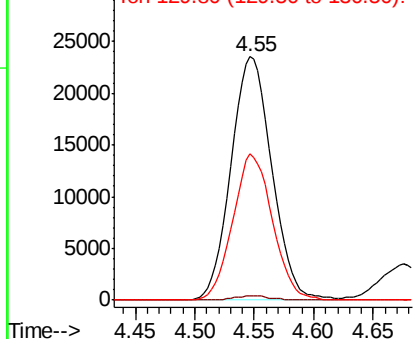


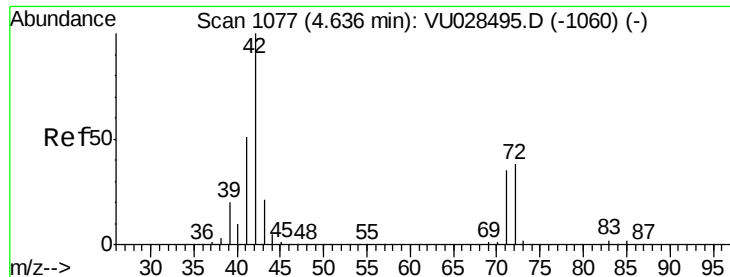
Abundance

Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





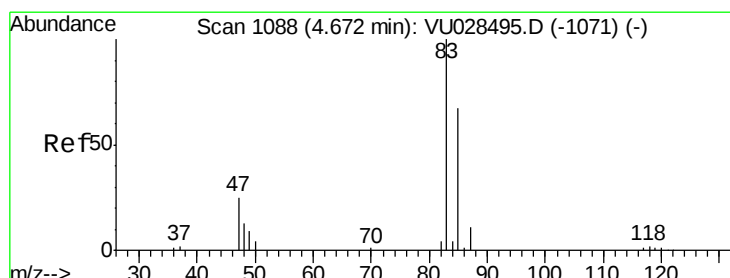
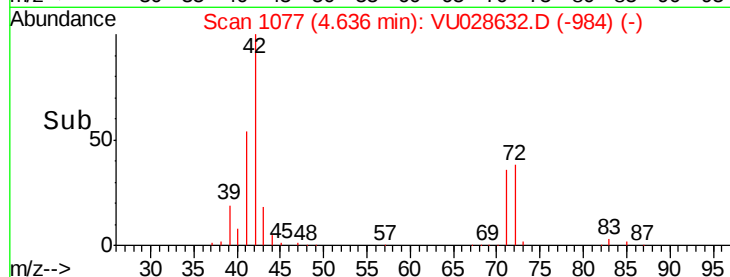
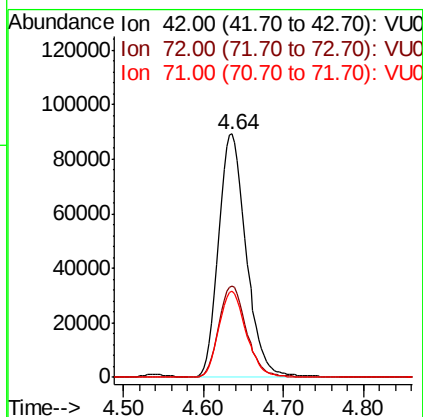
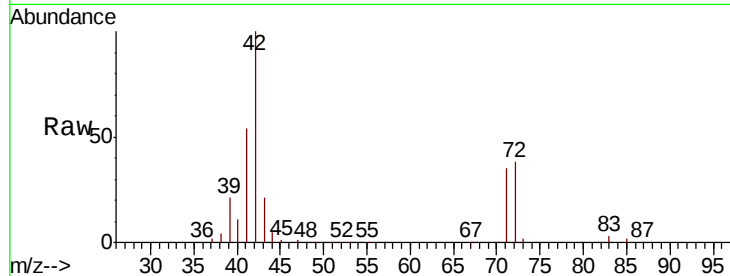
#29
Tetrahydrofuran
Concen: 303.759 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	31.4	47.0
71	34.9	28.6	43.0

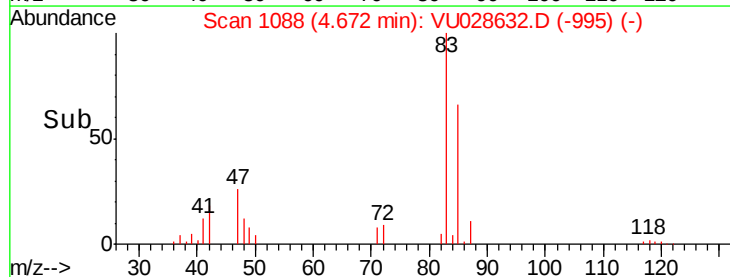
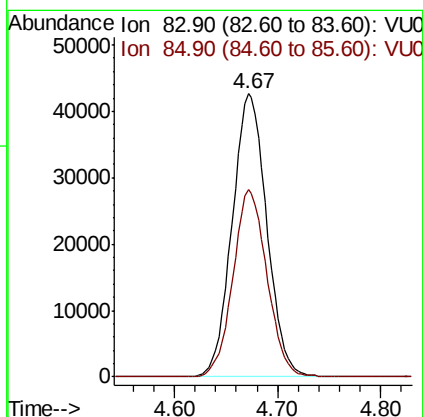
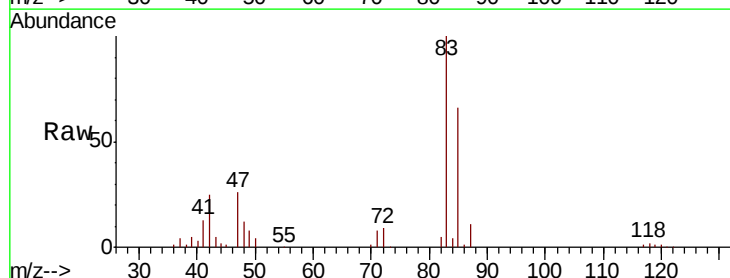
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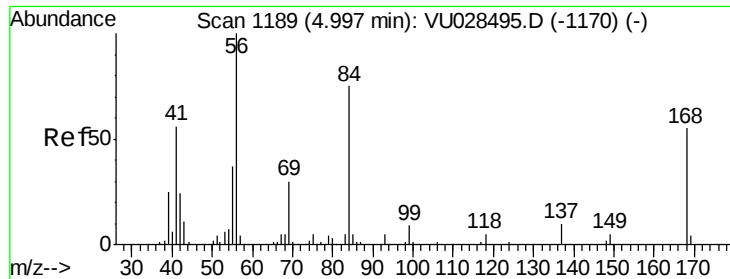
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#30
Chloroform
Concen: 52.958 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.6	80.4





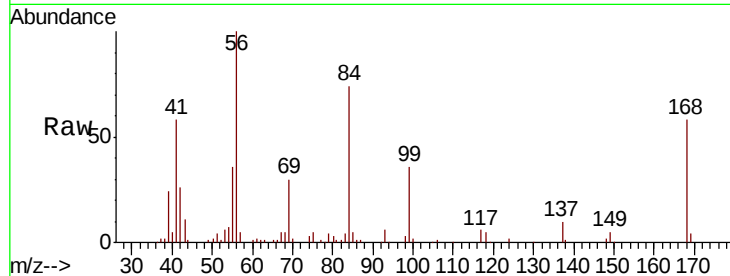
#31
Cyclohexane
Concen: 51.199 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

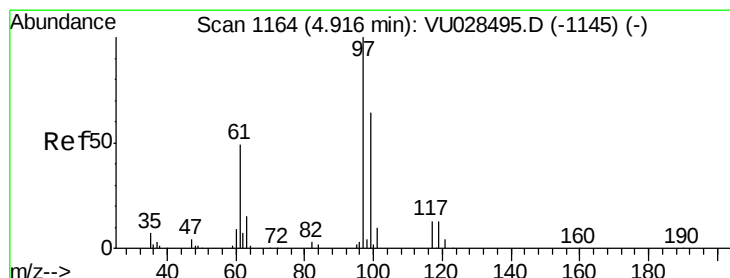
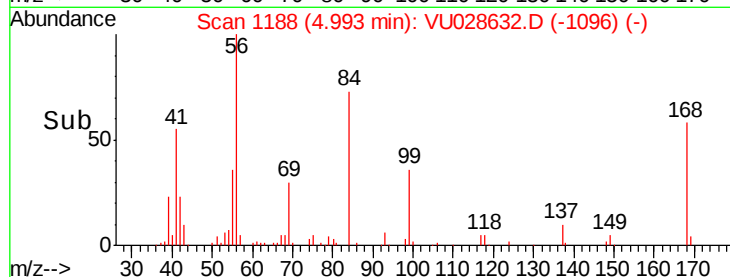
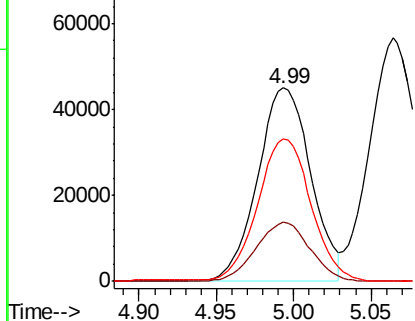
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.0	36.0
84	73.0	59.7	89.5

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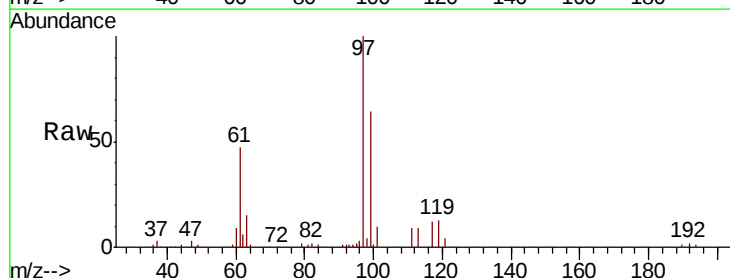


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

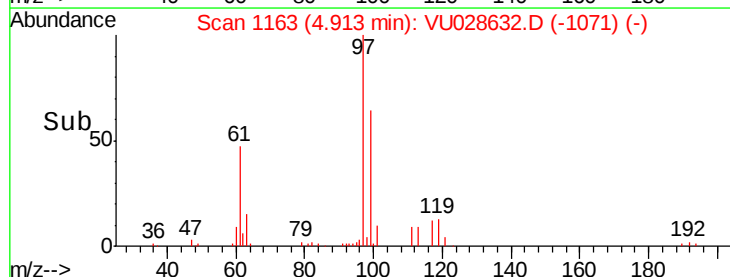
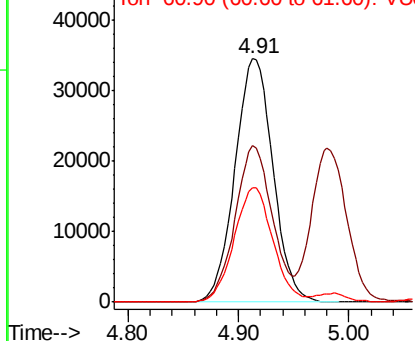


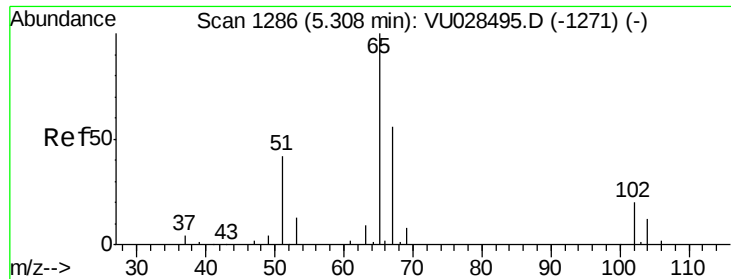
#32
1,1,1-Trichloroethane
Concen: 52.835 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.3	78.5
61	47.8	39.0	58.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





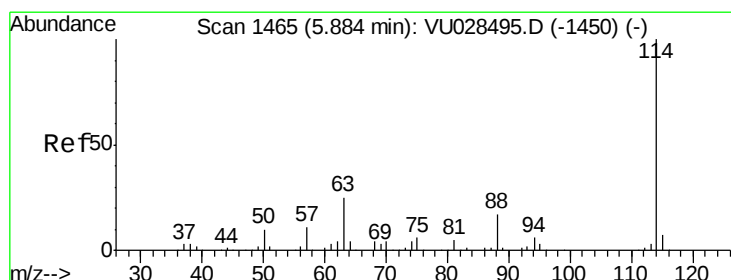
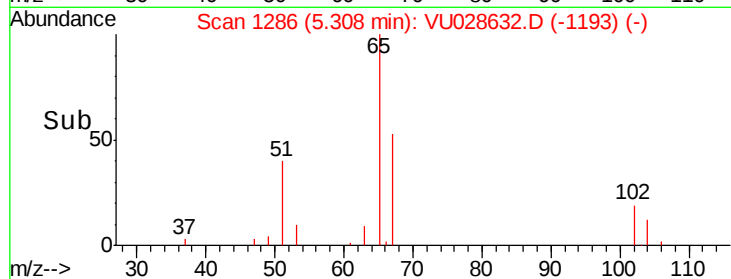
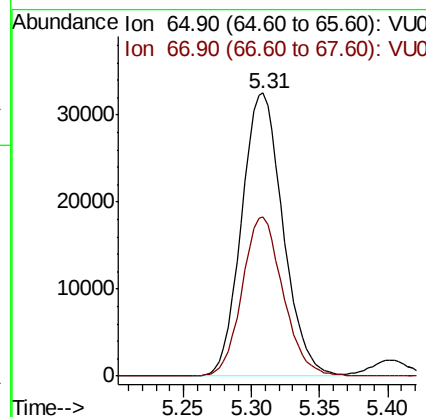
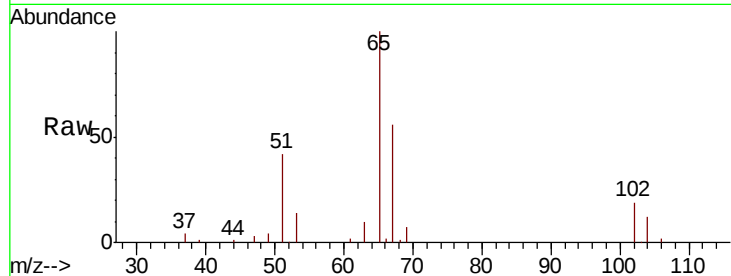
#33
 1,2-Dichloroethane-d4
 Concen: 55.811 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.6

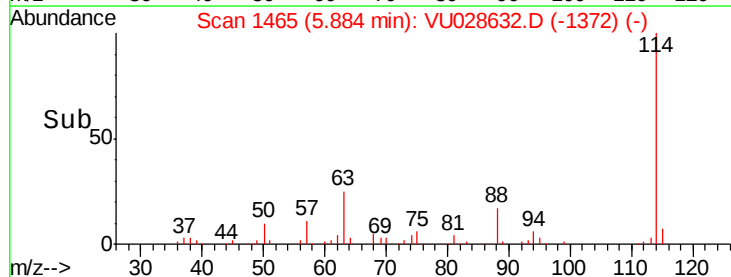
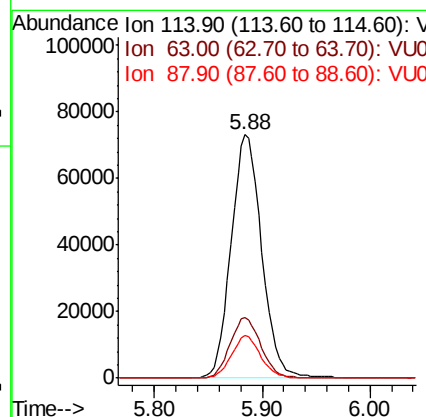
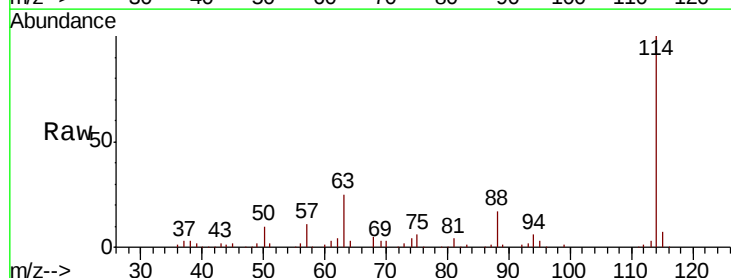
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.3	0.0	33.4





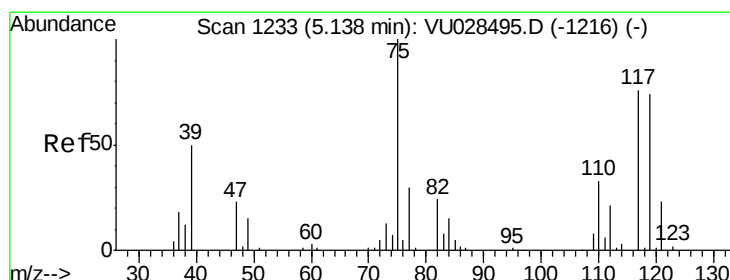
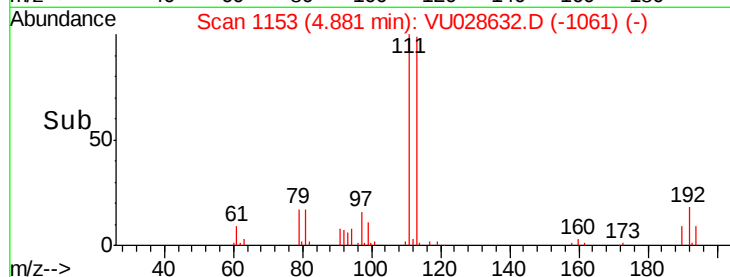
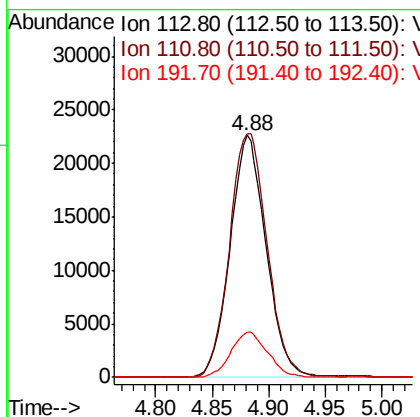
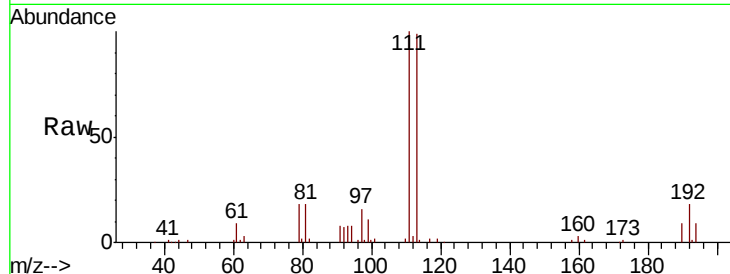
#35
 Dibromofluoromethane
 Concen: 54.926 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.4	125.0
192	19.0	14.8	22.2

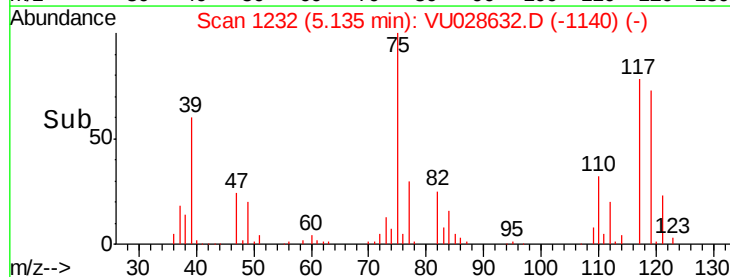
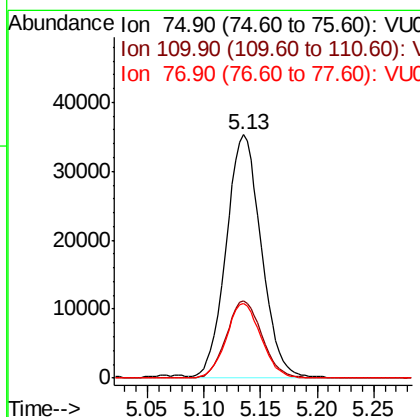
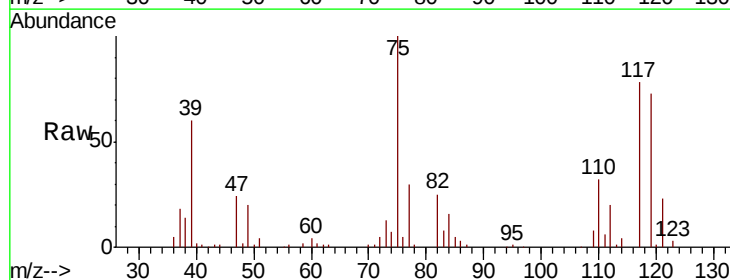
Manual Integrations
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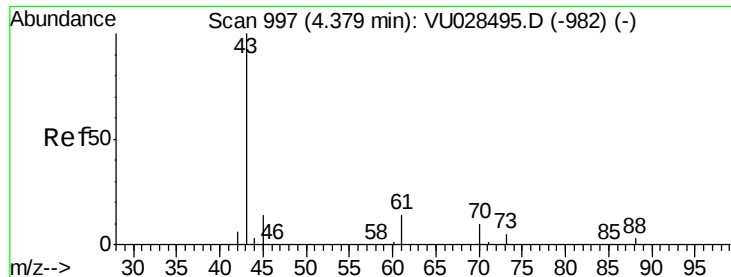
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#36
 1,1-Dichloropropene
 Concen: 48.258 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.1	48.2
77	30.3	24.5	36.7





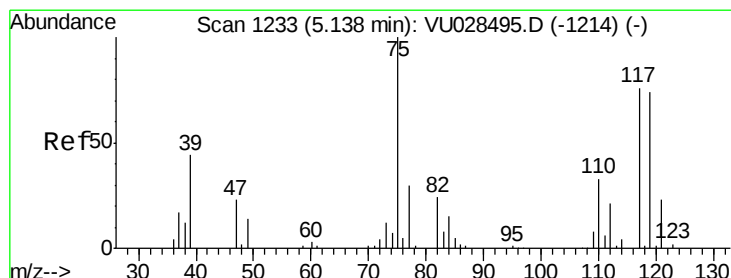
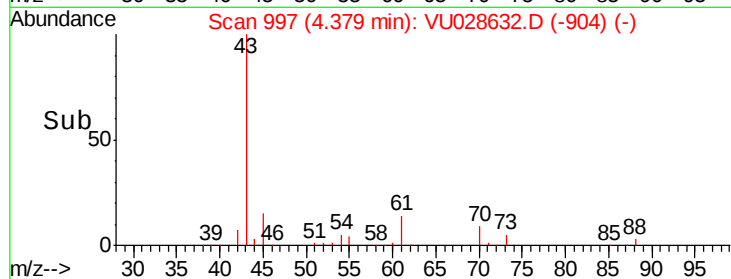
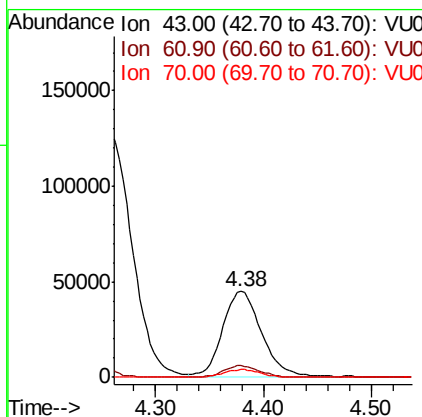
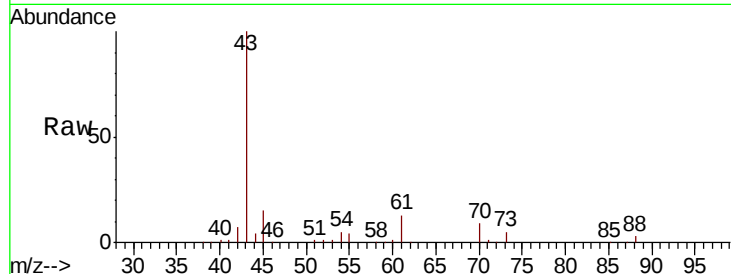
#37
Ethyl Acetate
Concen: 54.539 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	8.7	7.4	11.0

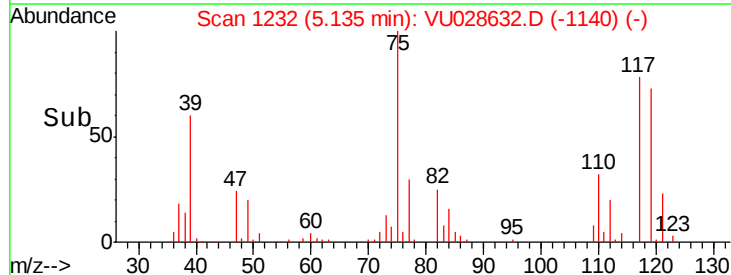
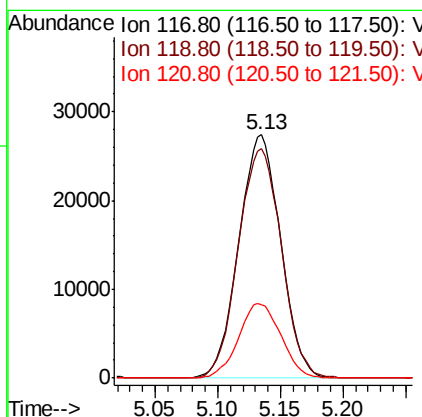
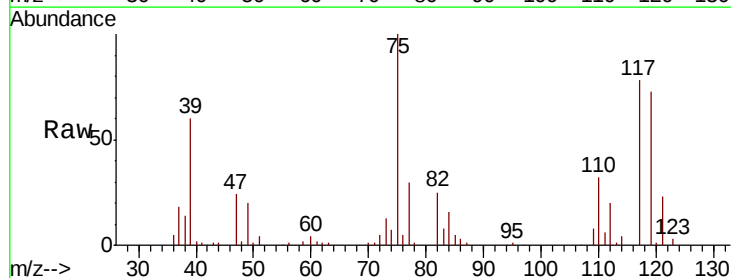
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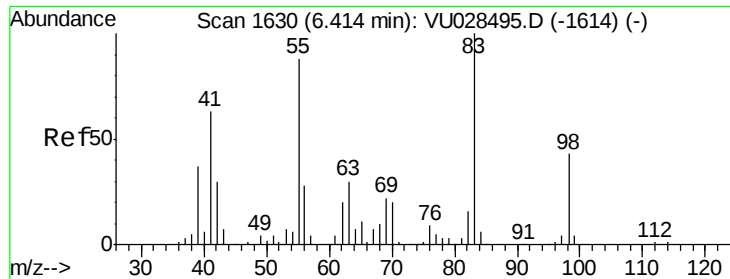
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#38
Carbon Tetrachloride
Concen: 49.824 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.6	116.4
121	30.1	24.6	36.8





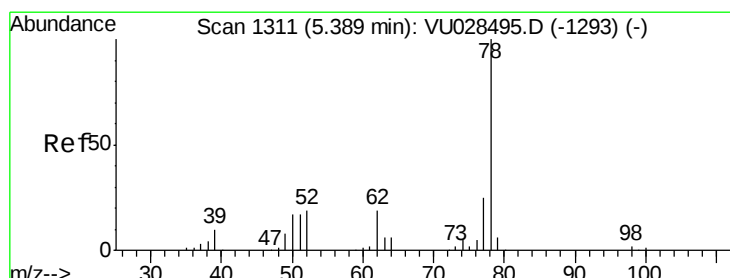
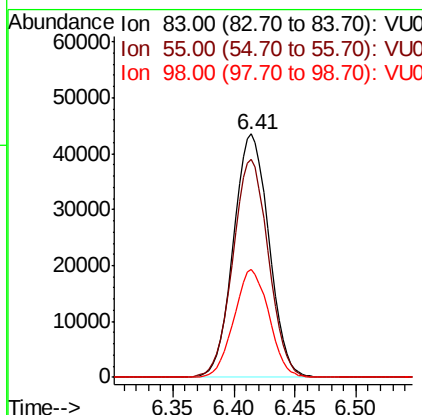
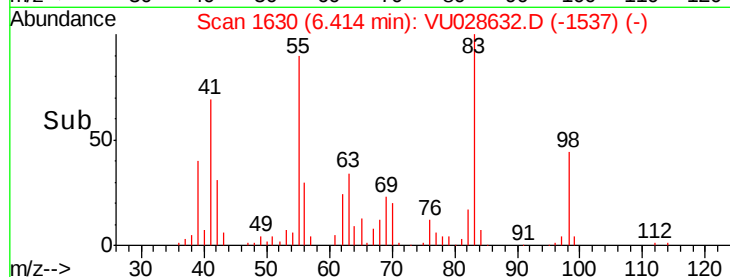
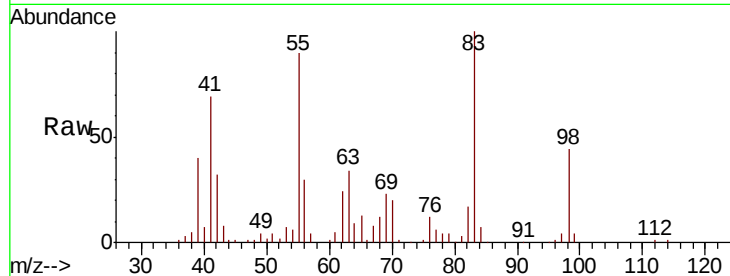
#39
Methylvlcvclohexane
Concen: 45.449 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.6	70.2	105.2
98	44.1	34.2	51.4

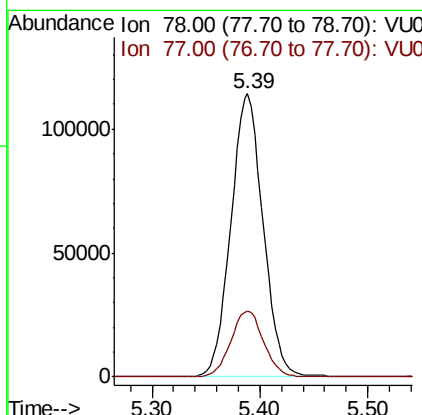
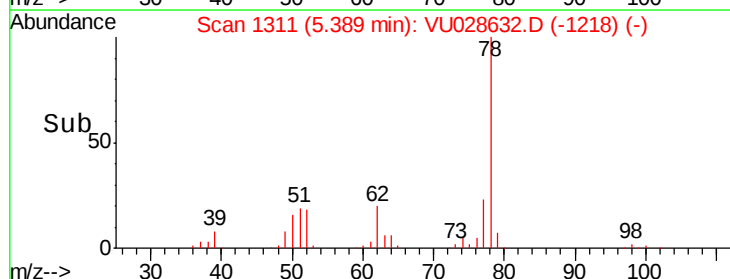
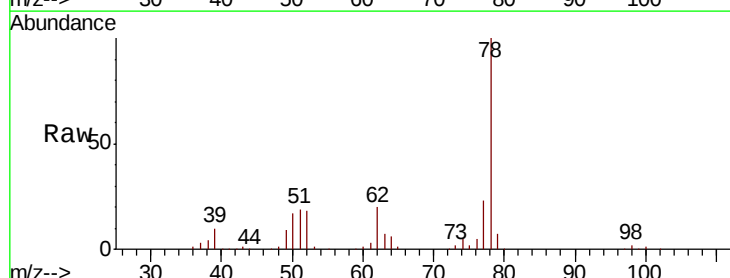
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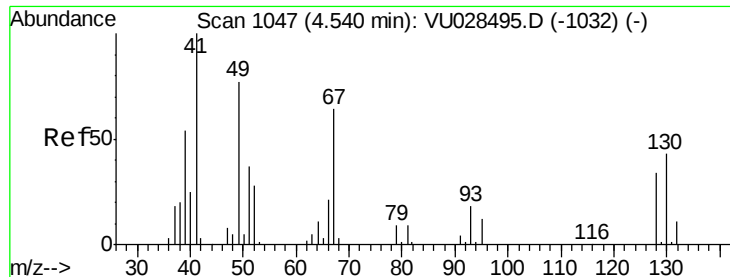
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#40
Benzene
Concen: 50.944 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.9	29.9





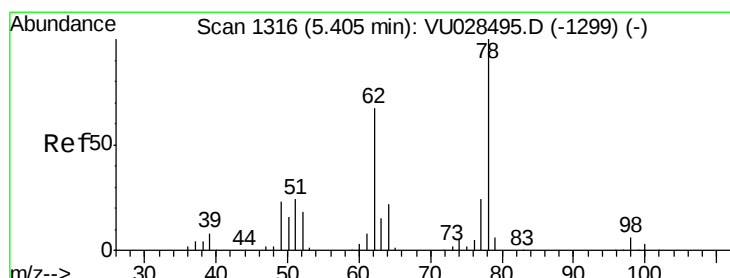
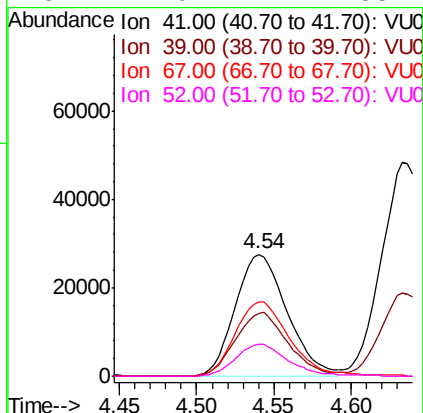
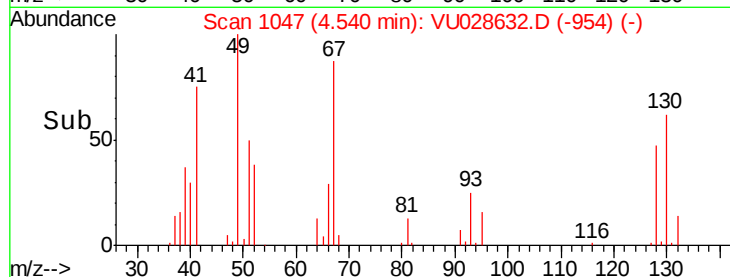
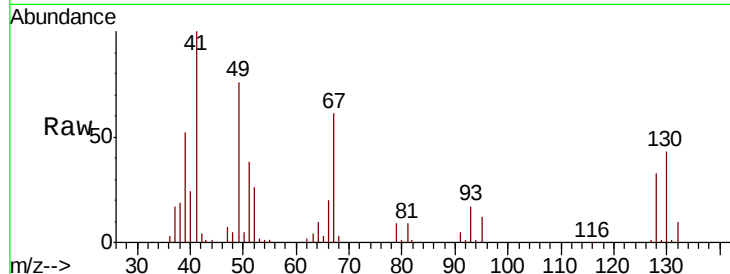
#41
Methacrylonitrile
Concen: 57.417 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	43.3	64.9	
67	64.2	53.6	80.4	
52	27.0	22.1	33.1	

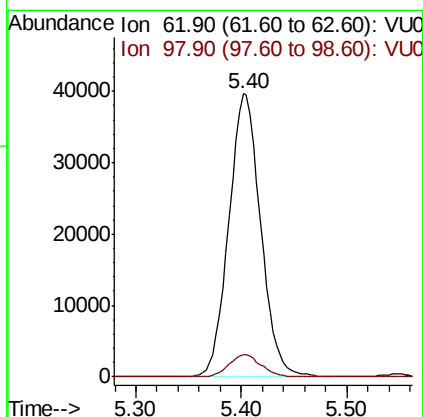
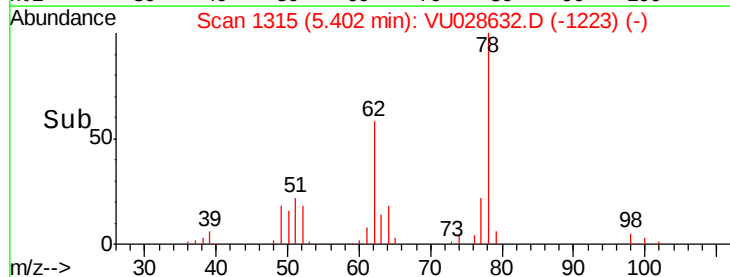
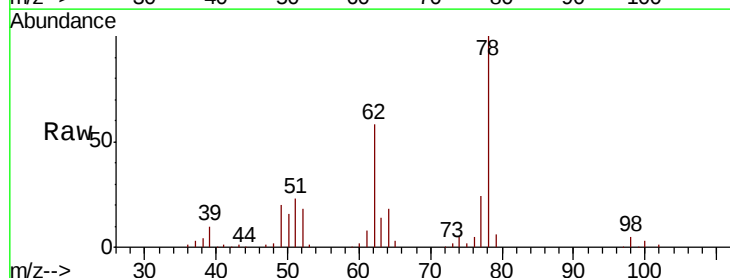
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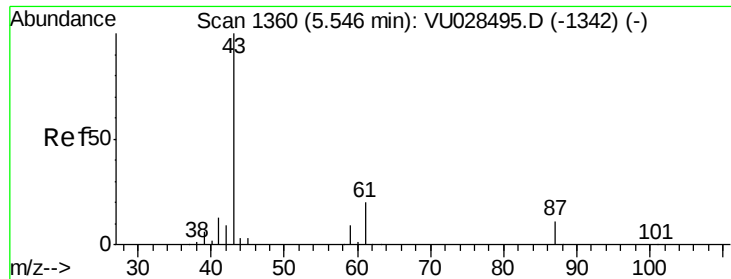
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.808 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	17.2	





#43

Isopropyl Acetate

Concen: 51.704 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

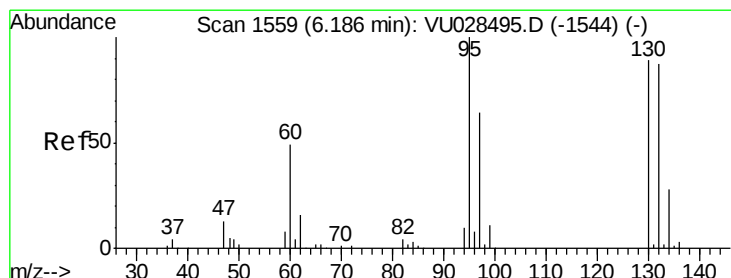
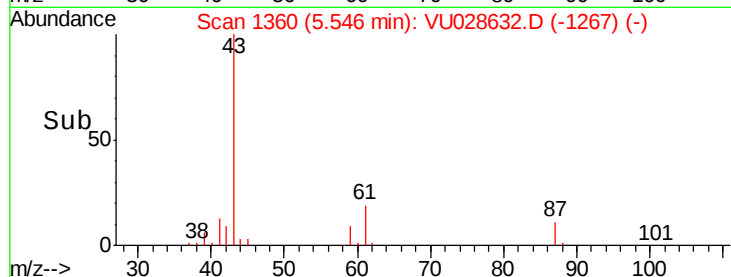
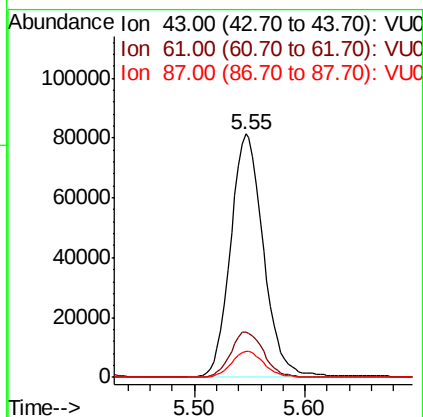
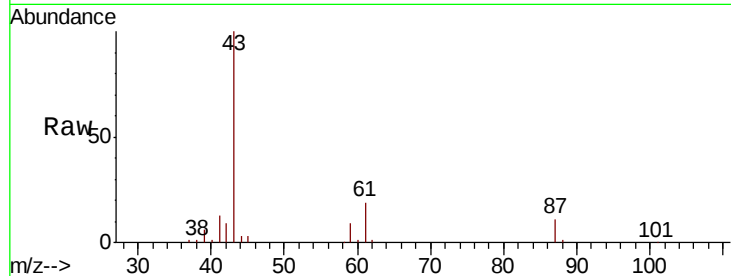
ClientSampleId :

P001-SW001-01MS

Tot Ion:	43	Resp:	167467
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.5	23.3
87	10.6	8.7	13.1

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#44

Trichloroethene

Concen: 48.206 ug/l

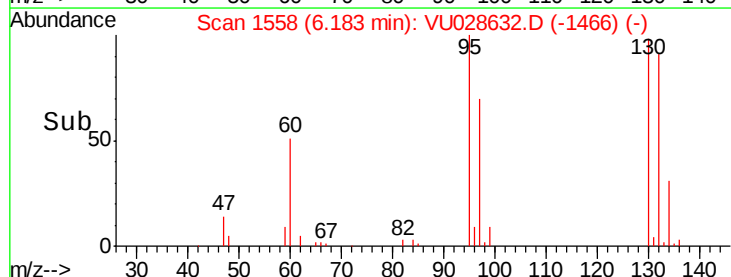
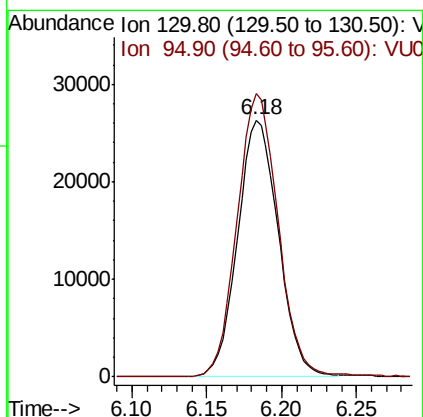
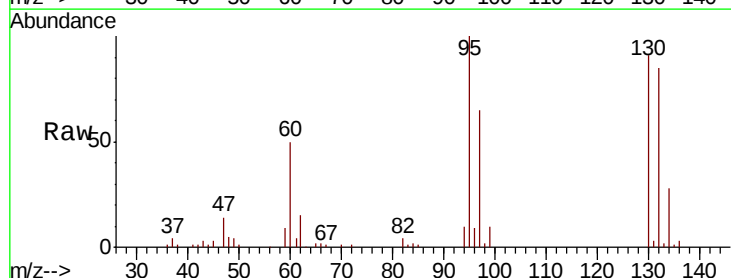
RT: 6.18 min Scan# 1558

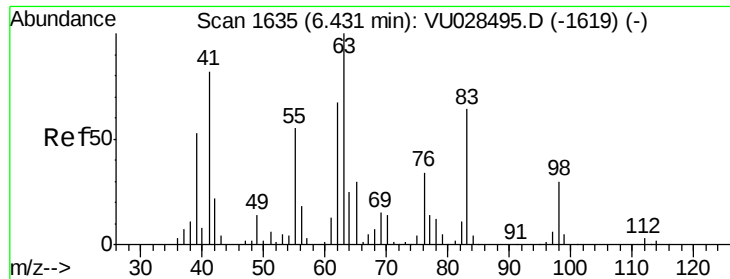
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	130	Resp:	50008
Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	224.0





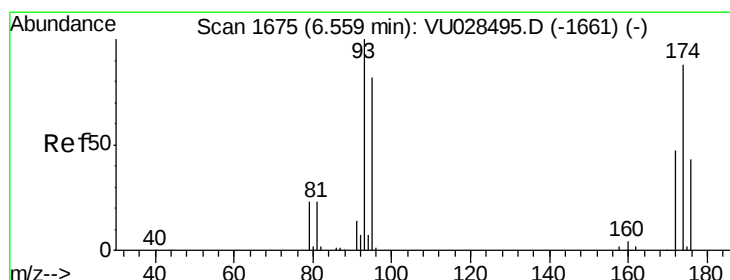
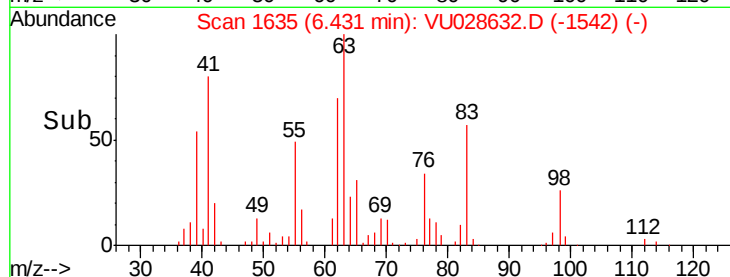
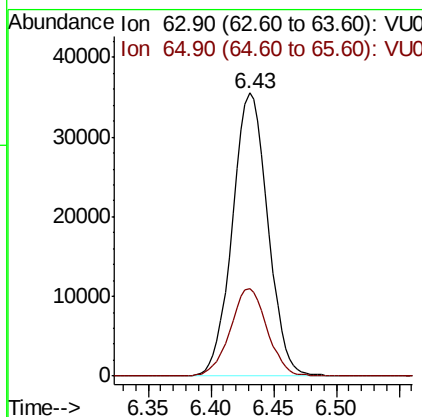
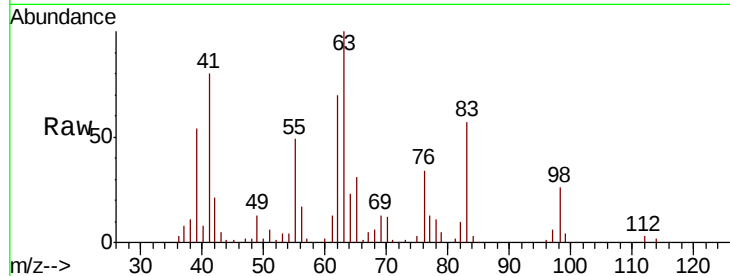
#45
 1,2-Dichloropropane
 Concen: 53.212 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion: 63 Resp: 69813
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4

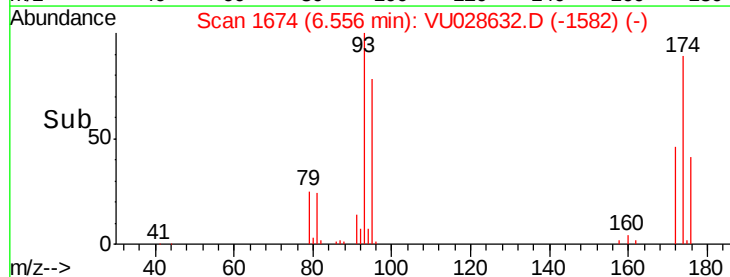
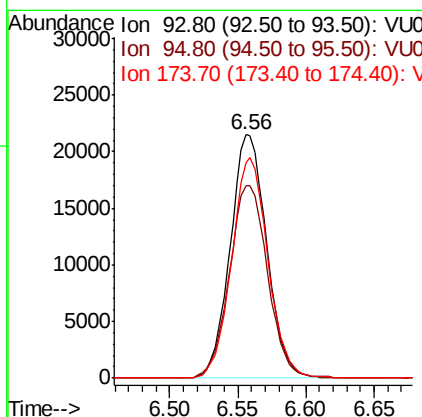
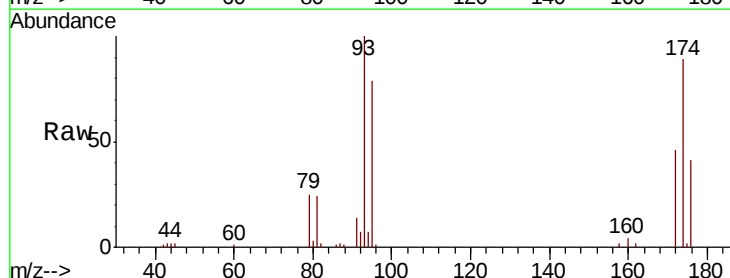
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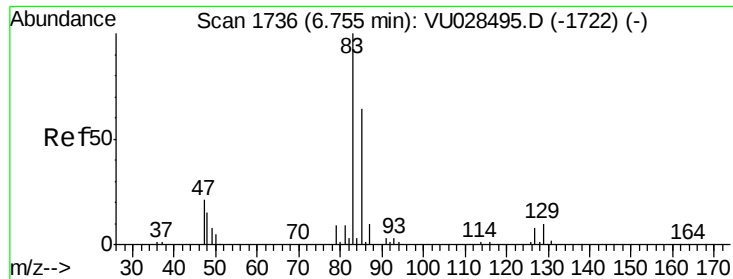
MMDadoda
 12/12/2018 11:49:02 AM



#46
 Dibromomethane
 Concen: 51.366 ug/l
 RT: 6.56 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion: 93 Resp: 39985
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.4 98.2
 174 90.0 72.2 108.4





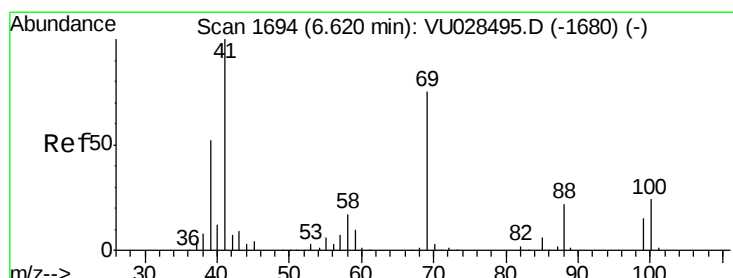
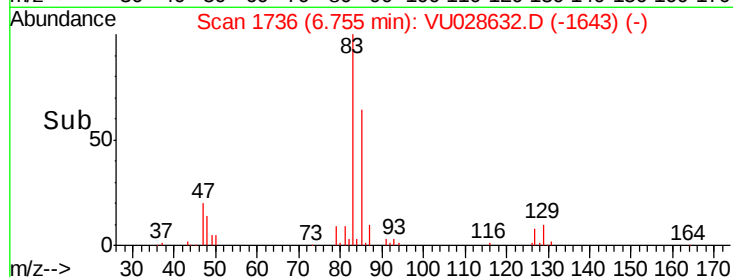
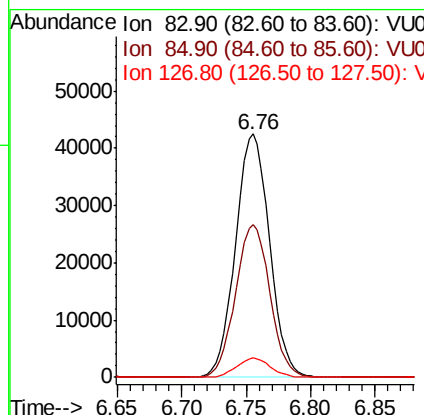
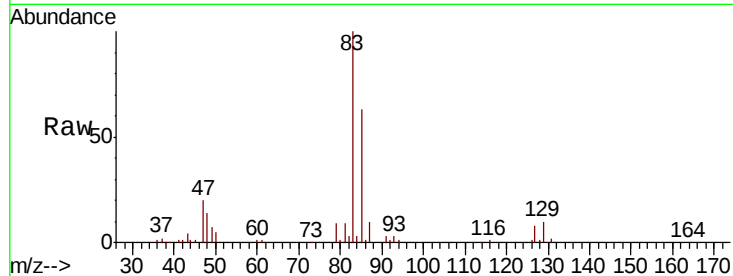
#47
Bromodichloromethane
Concen: 51.518 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3
127	7.8	6.2	9.4

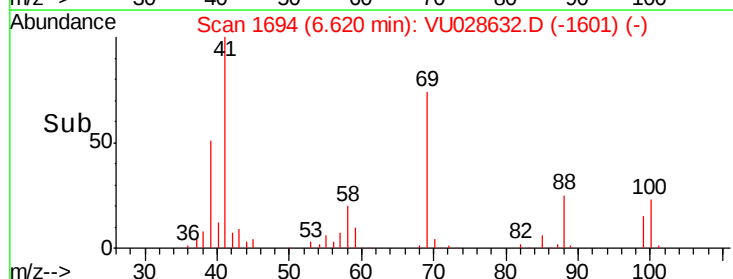
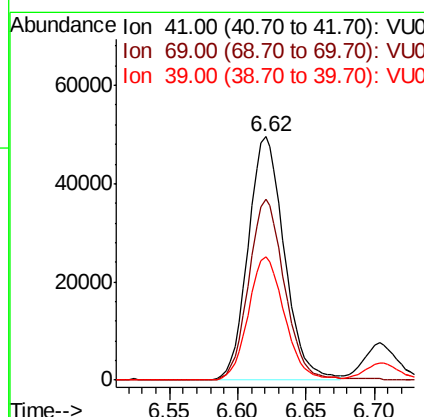
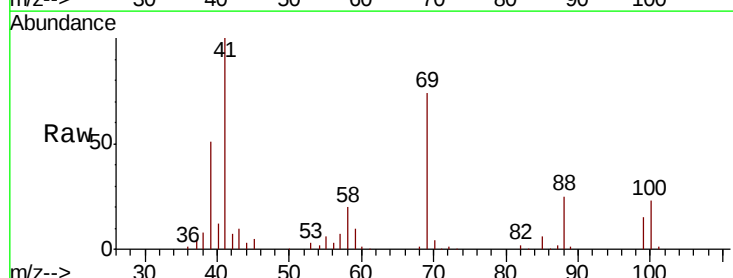
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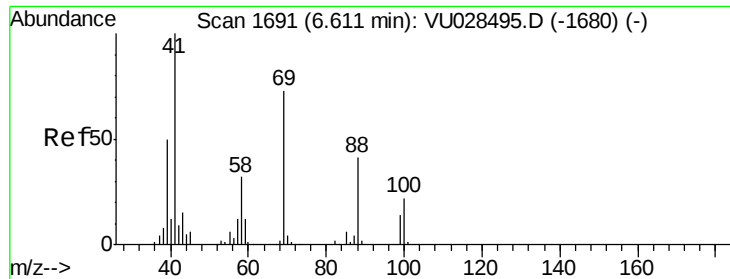
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#48
Methyl methacrylate
Concen: 56.689 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.4	60.4	90.6
39	50.9	41.1	61.7





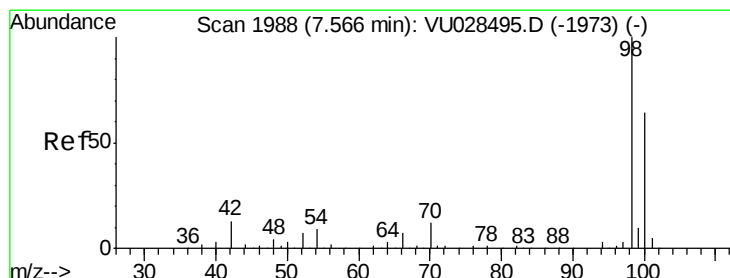
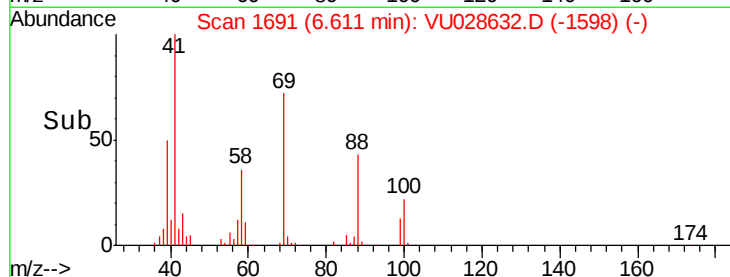
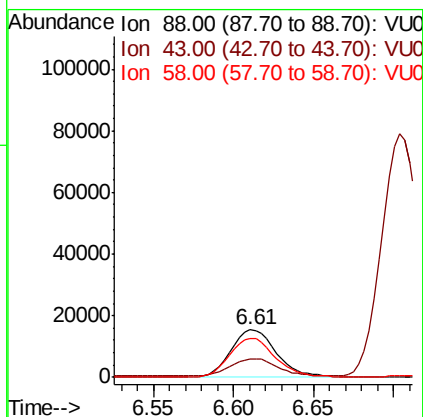
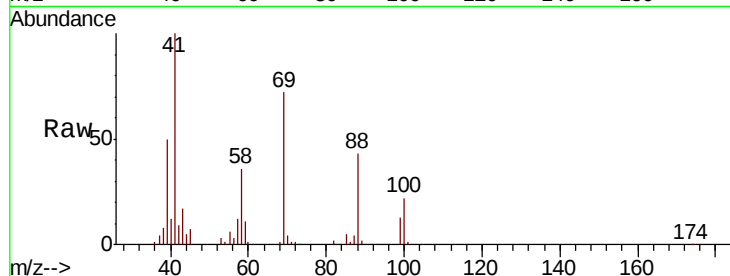
#49
1,4-Dioxane
Concen: 1184.558 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.9	46.3
58	82.8	62.4	93.6

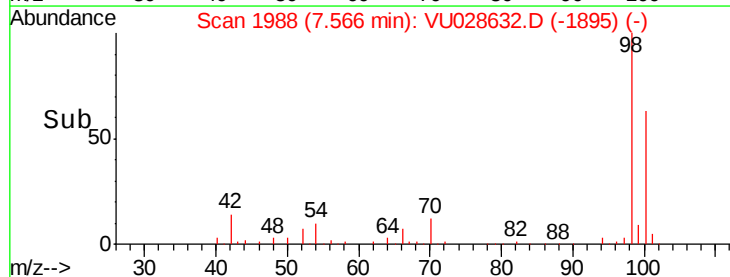
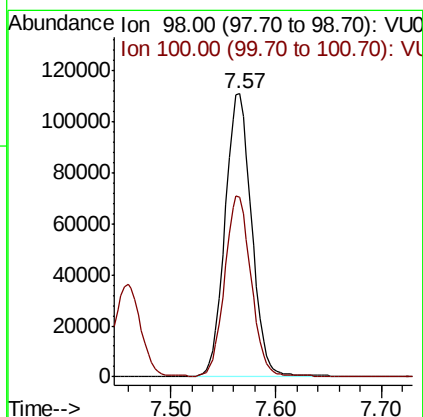
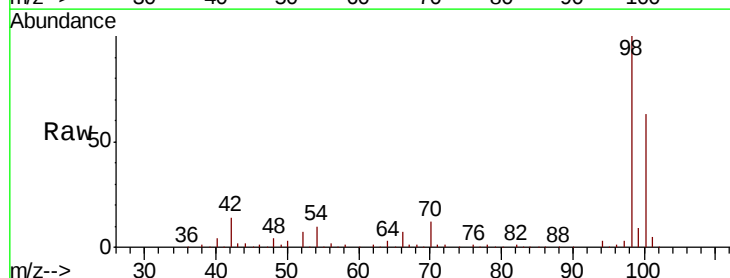
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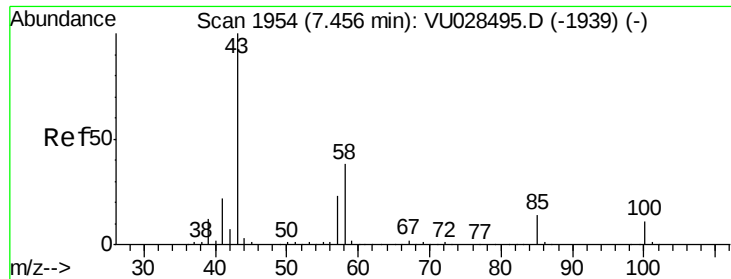
MMDadoda
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#50
Toluene-d8
Concen: 53.883 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.0	76.6





#51

4-Methyl-2-Pentanone

Concen: 287.971 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 43 Resp: 588282

Ion Ratio Lower Upper

43 100

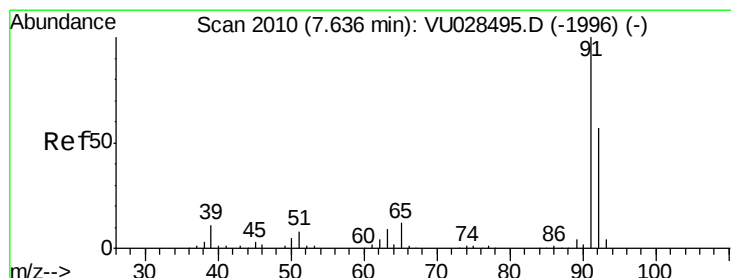
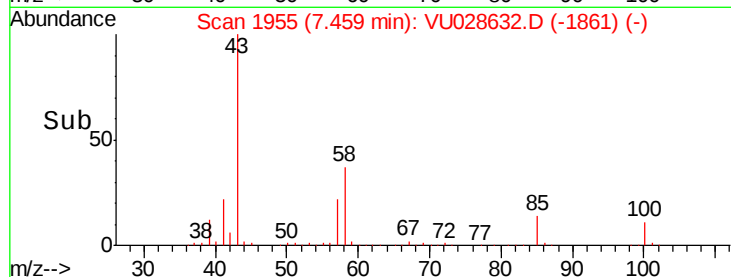
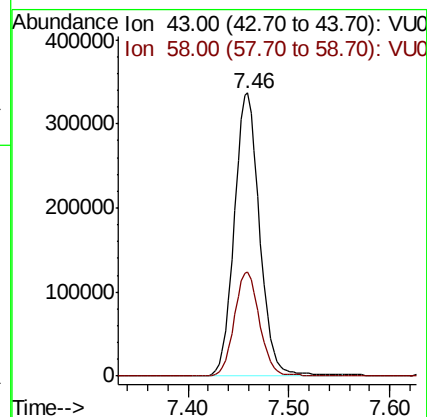
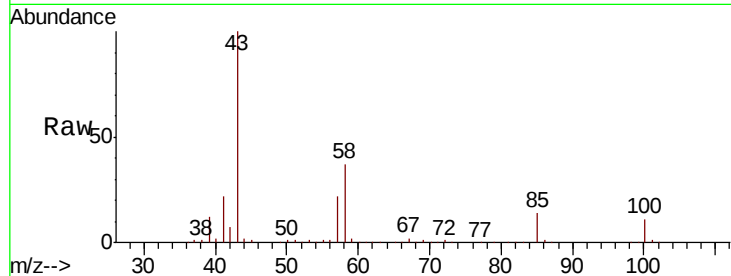
58 36.8 30.2 45.2

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#52

Toluene

Concen: 49.010 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028632.D

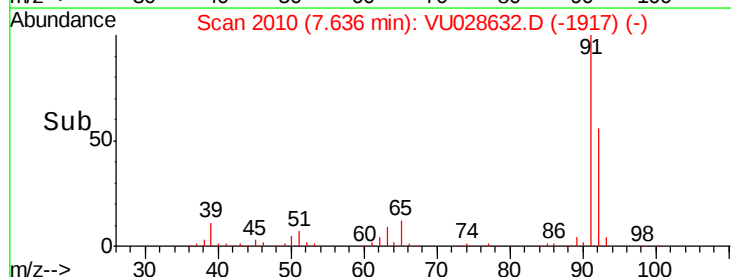
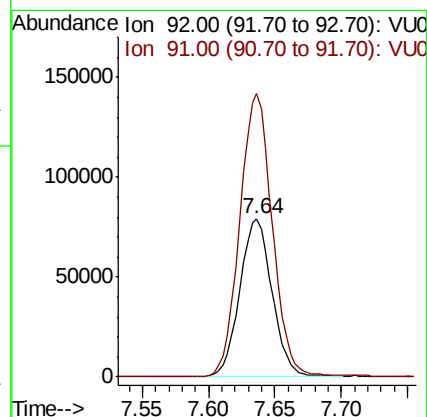
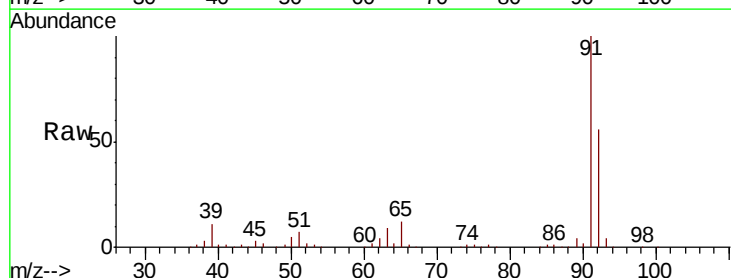
Acq: 12 Dec 2018 01:17

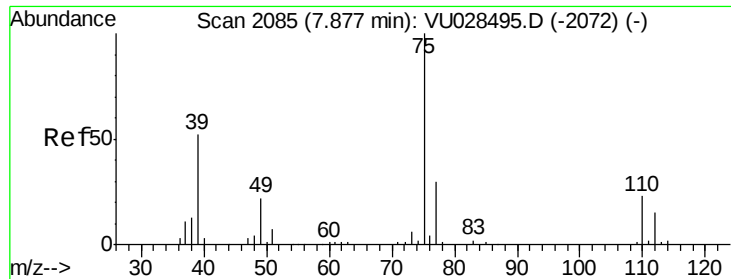
Tgt Ion: 92 Resp: 134569

Ion Ratio Lower Upper

92 100

91 180.7 140.2 210.4





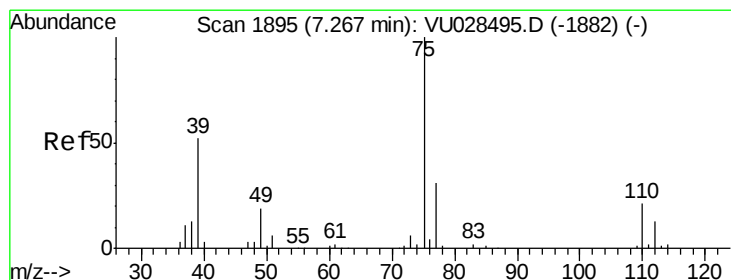
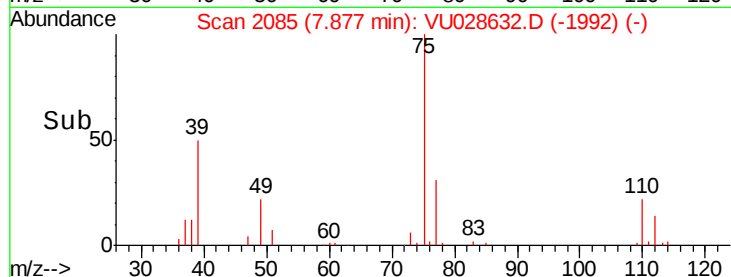
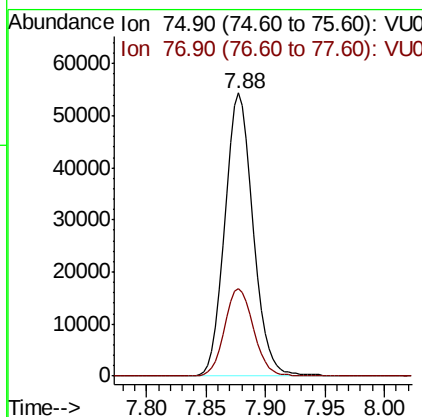
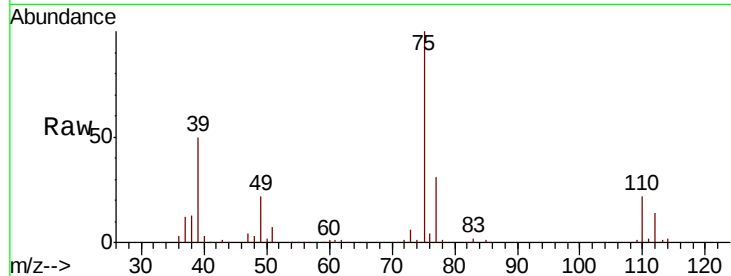
#53
t-1,3-Dichloropropene
Concen: 49.655 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion: 75 Resp: 89582
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4

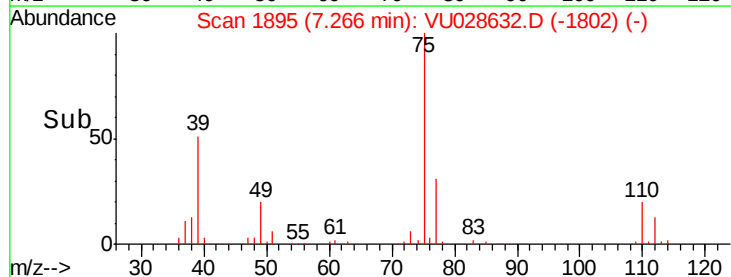
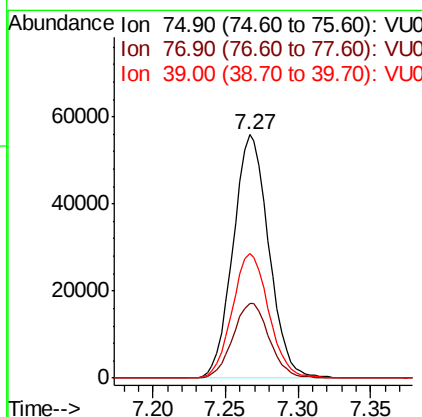
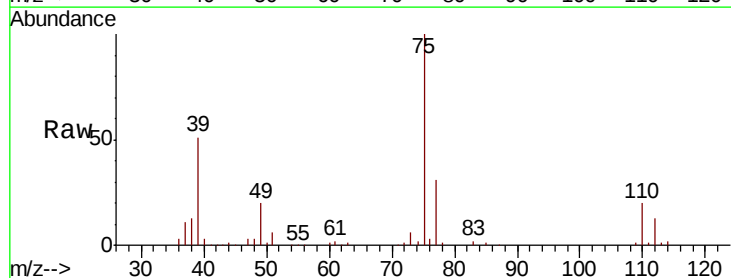
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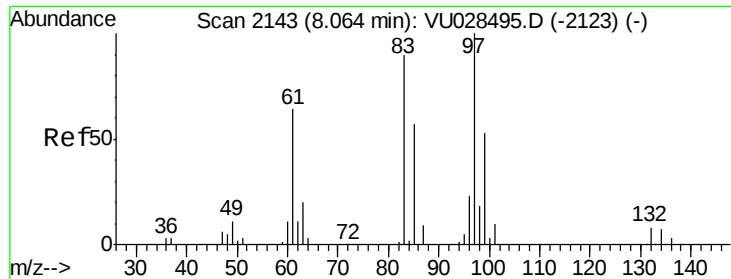
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#54
cis-1,3-Dichloropropene
Concen: 48.893 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion: 75 Resp: 95699
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4
39 51.4 41.3 61.9





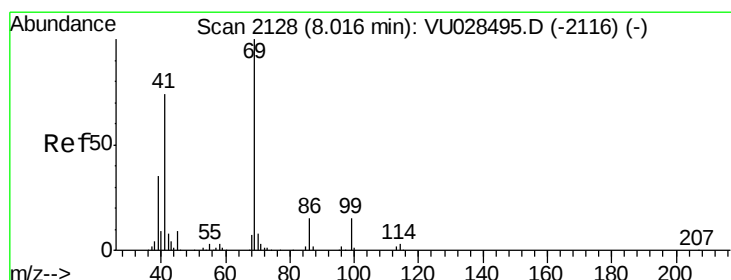
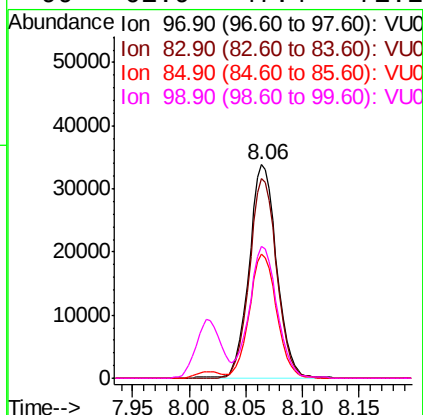
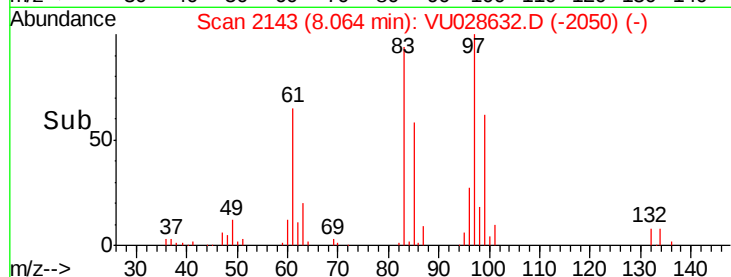
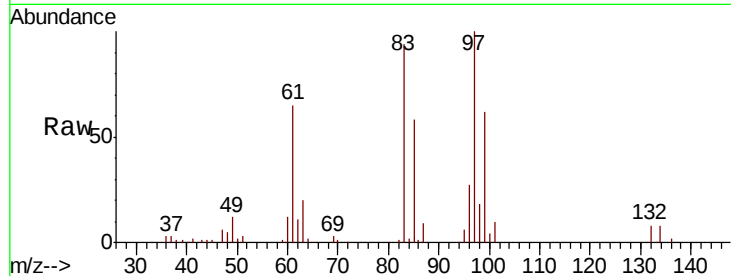
#55
 1,1,2-Trichloroethane
 Concen: 52.854 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion:	97	Resp:	57367
Ion	Ratio	Lower	Upper
97	100		
83	93.7	72.4	108.6
85	58.0	46.0	69.0
99	61.9	47.4	71.2

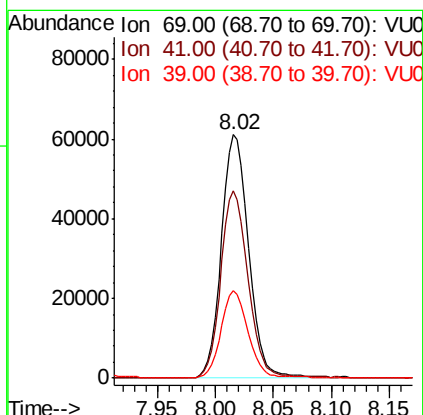
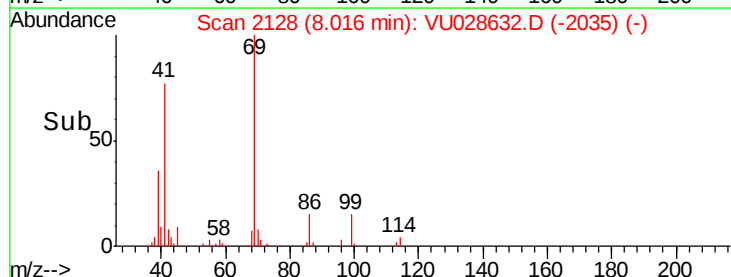
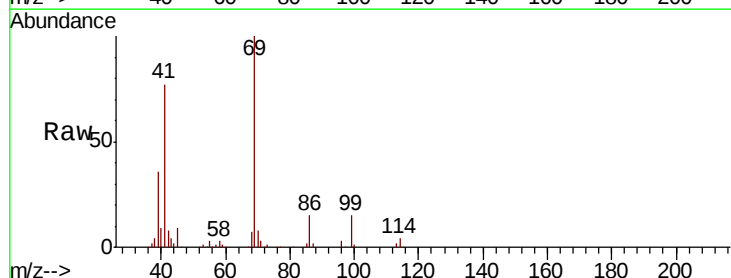
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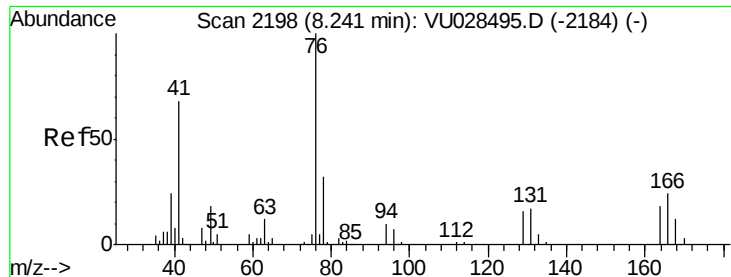
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#56
 Ethyl methacrylate
 Concen: 53.625 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion:	69	Resp:	99670
Ion	Ratio	Lower	Upper
69	100		
41	77.1	59.1	88.7
39	35.4	28.4	42.6





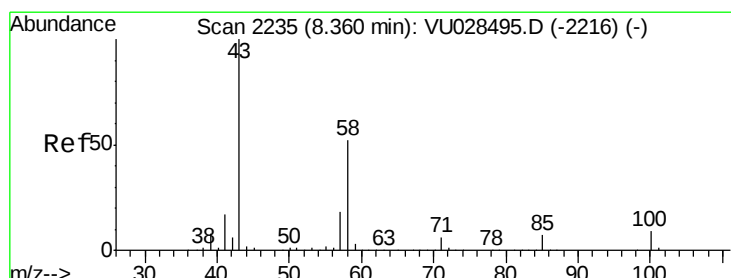
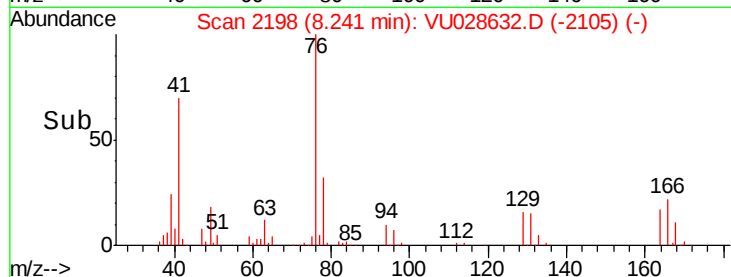
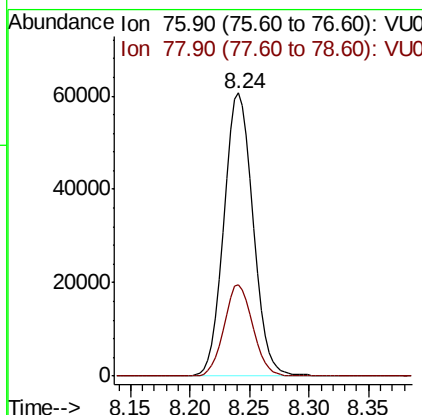
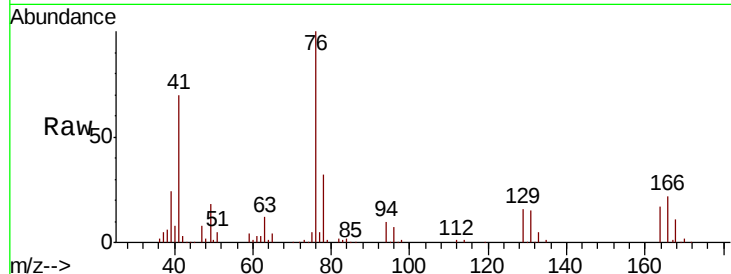
#57
 1,3-Dichloropropane
 Concen: 51.197 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.2	37.8

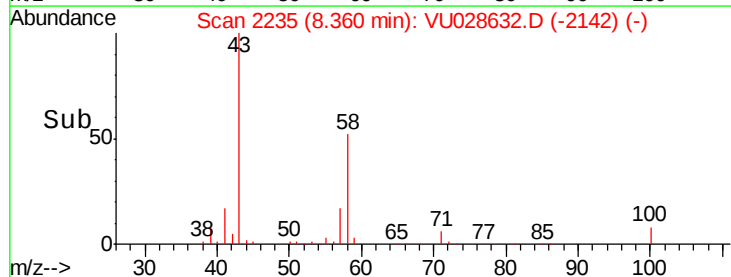
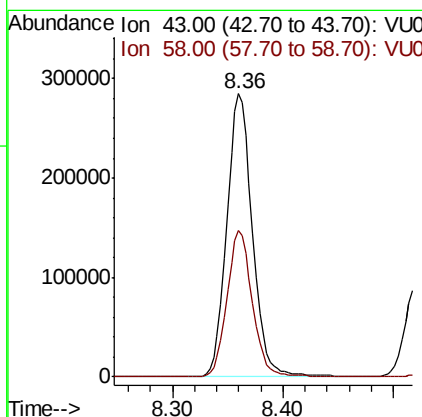
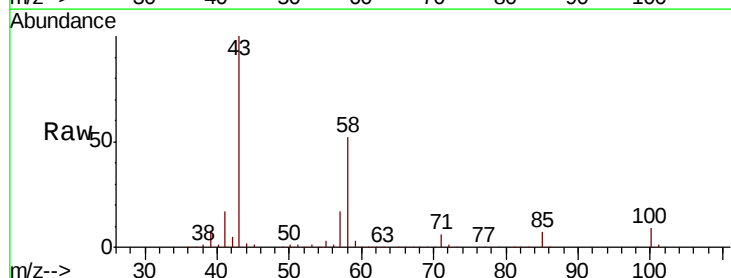
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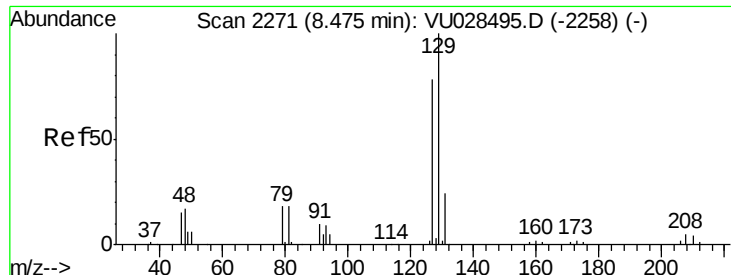
MMDadoda
 12/12/2018 11:49:02 AM



#59
 2-Hexanone
 Concen: 282.022 ug/l
 RT: 8.36 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.6





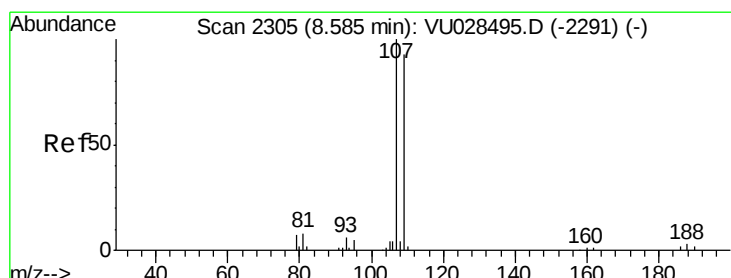
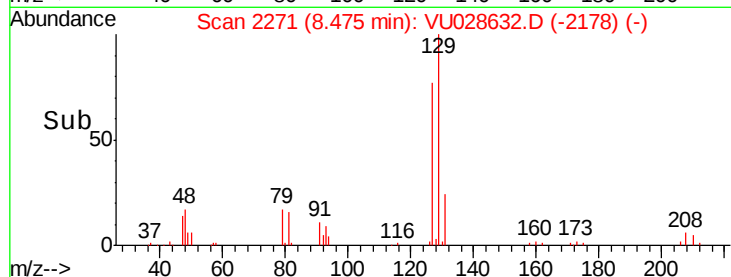
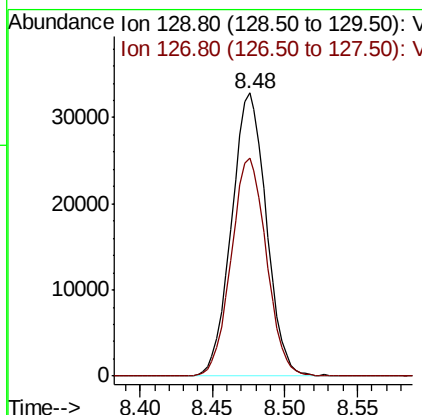
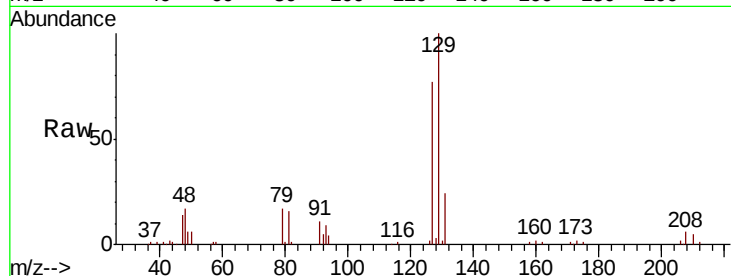
#60
Dibromochloromethane
Concen: 51.465 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion:129 Resp: 54689
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

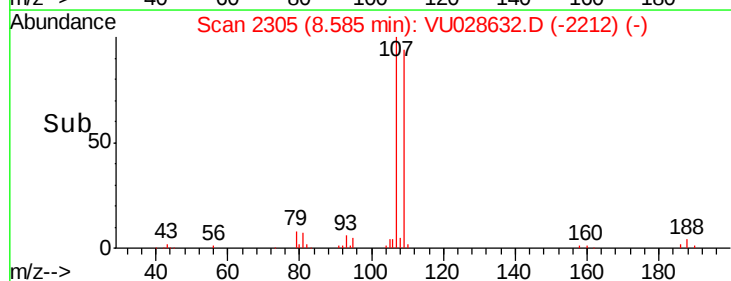
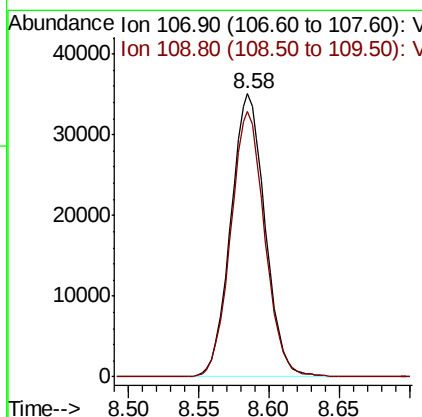
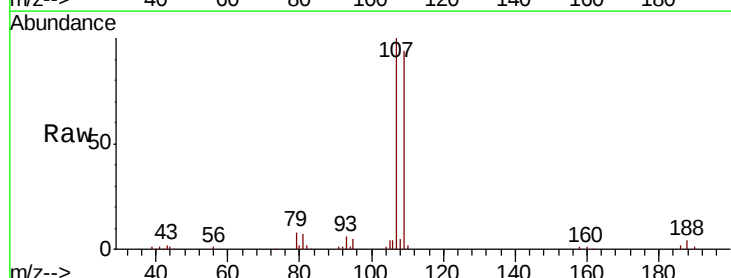
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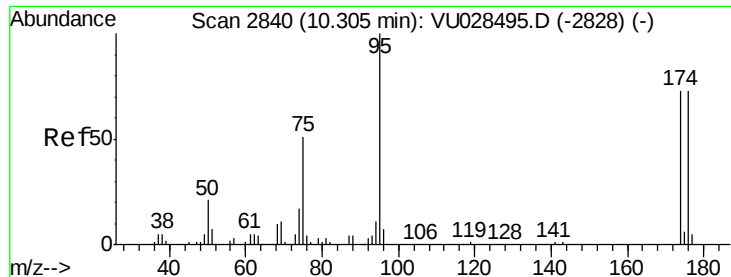
MMDadoda
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#61
1,2-Dibromoethane
Concen: 52.442 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion:107 Resp: 59689
Ion Ratio Lower Upper
107 100
109 93.2 74.5 111.7





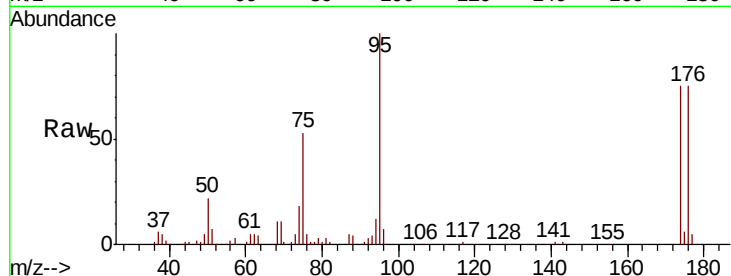
#62
4-Bromofluorobenzene
Concen: 53.109 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	95	Resp	71535
Ion Ratio	100	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	73.9	0.0	145.2

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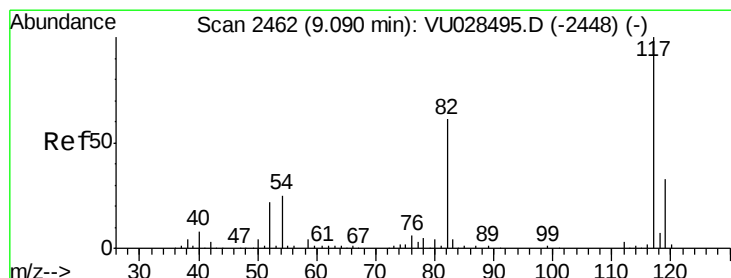
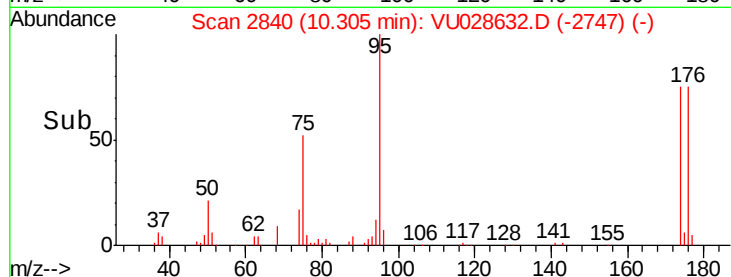
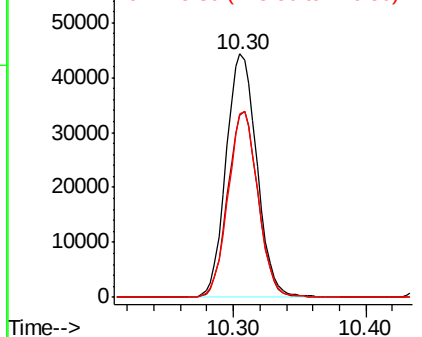


Abundance

Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

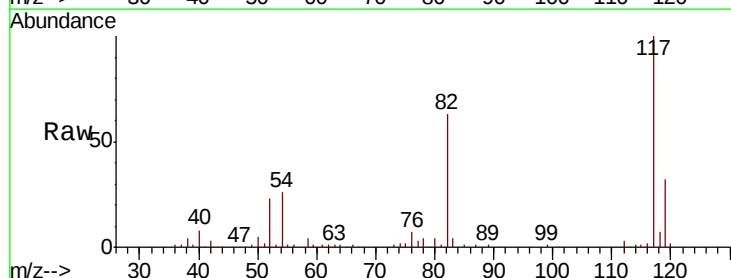
Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	117	Resp	134816
Ion Ratio	100	Lower	Upper
117	100		
82	62.9	48.9	73.3
119	32.3	26.2	39.4

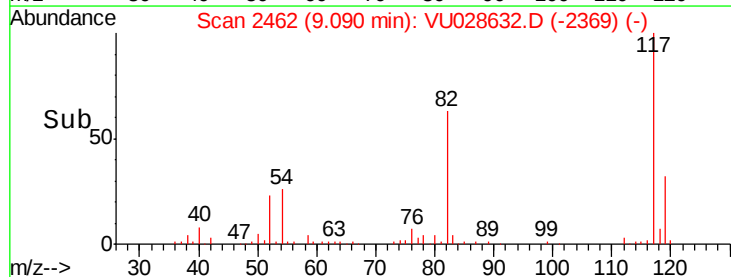
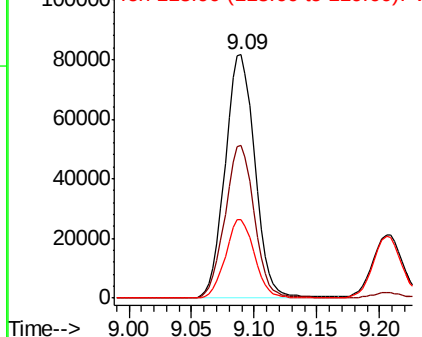


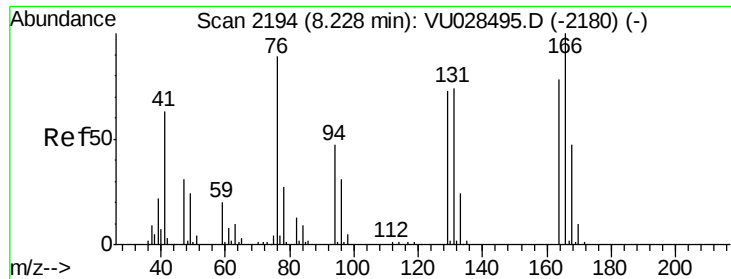
Abundance

Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#64

Tetrachloroethene

Concen: 47.284 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028632.D

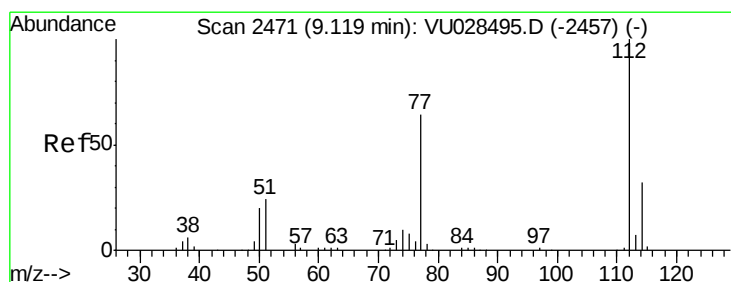
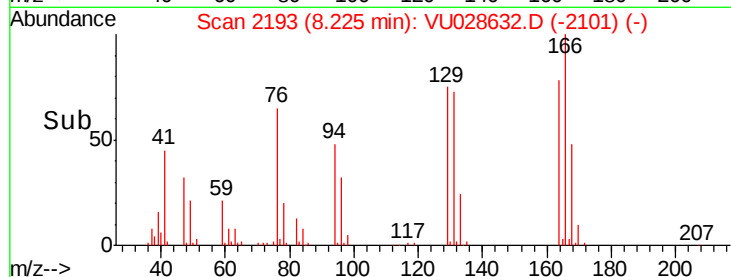
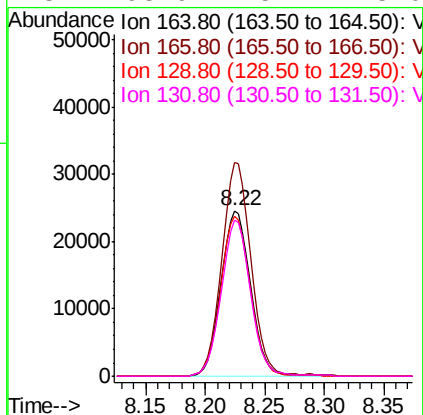
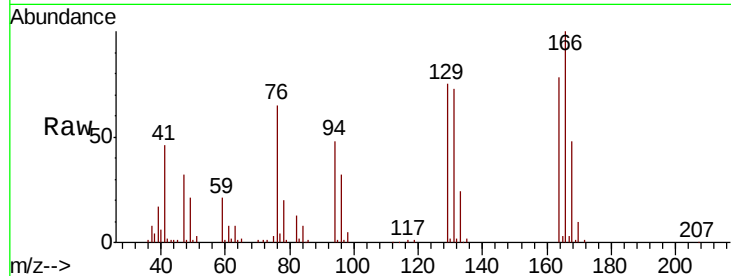
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion:	164	Resp:	42520
Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.9	152.9
129	96.4	74.9	112.3
131	93.9	75.4	113.0

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#65

Chlorobenzene

Concen: 48.935 ug/l

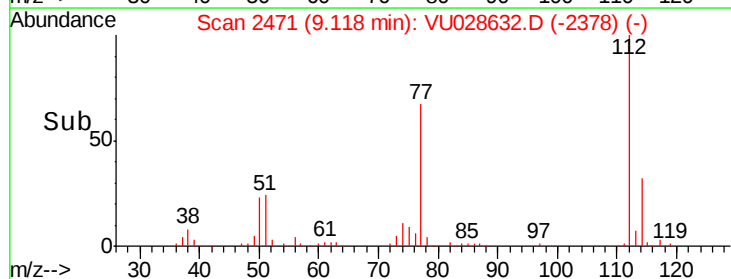
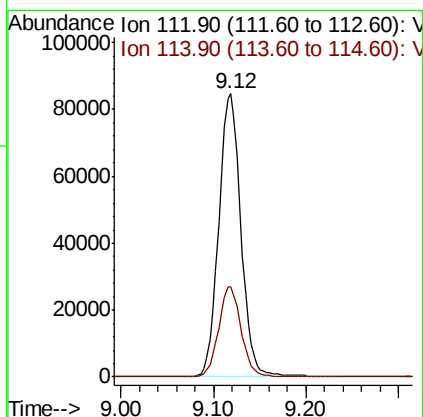
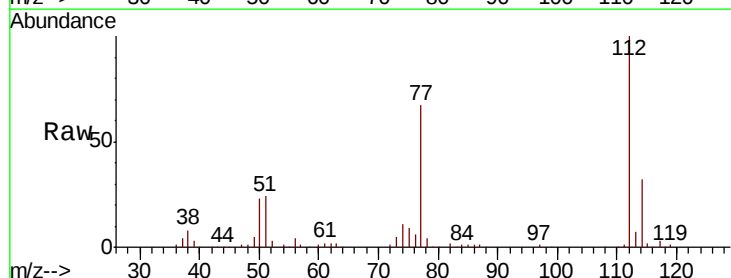
RT: 9.12 min Scan# 2471

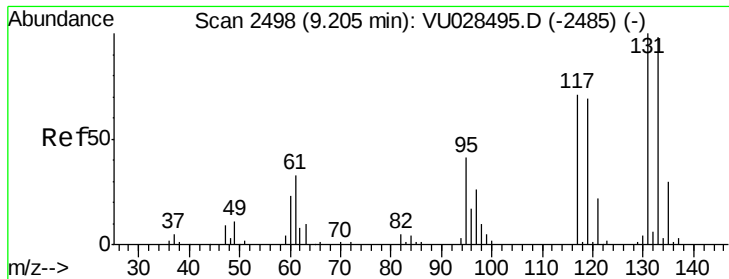
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	112	Resp:	140581
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 53.605 ug/l

RT: 9.21 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

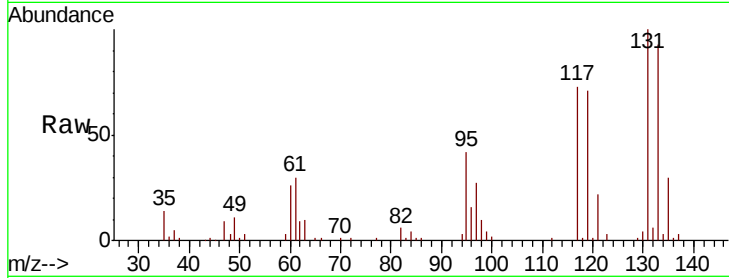
ClientSampleId :

P001-SW001-01MS

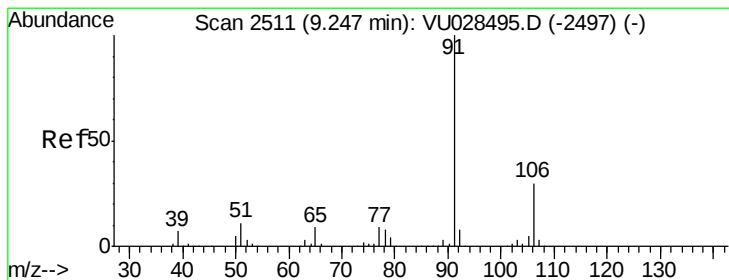
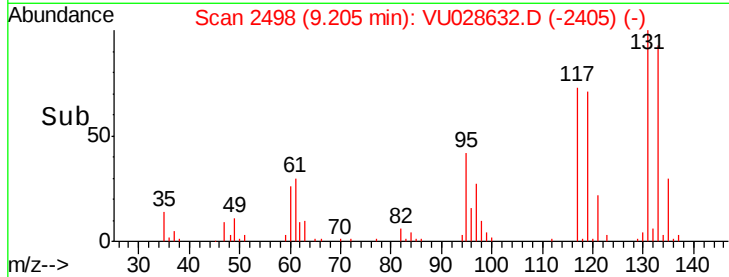
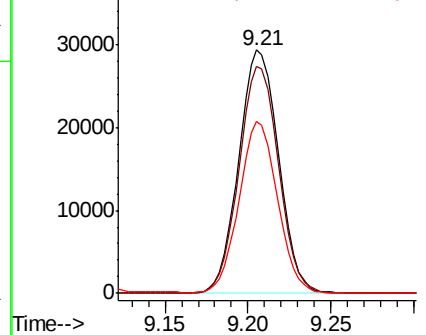
Tot Ion:	131	Resp:	49176
Ion Ratio	Lower	Upper	
131	100		
133	93.0	48.0	144.0
119	68.3	34.6	103.9

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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.664 ug/l

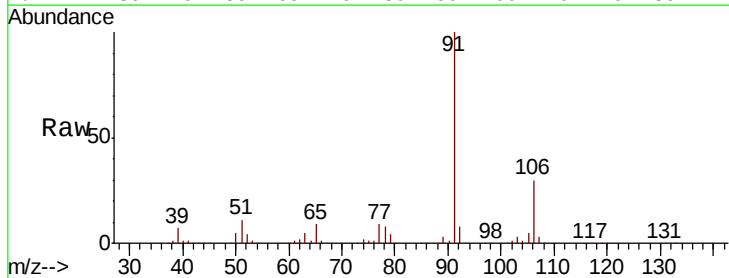
RT: 9.25 min Scan# 2511

Delta R.T. -0.00 min

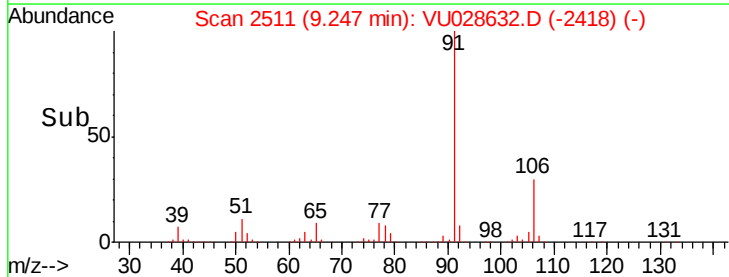
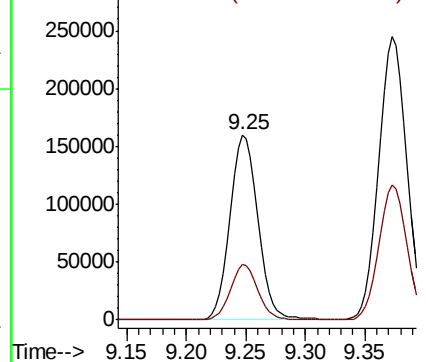
Lab File: VU028632.D

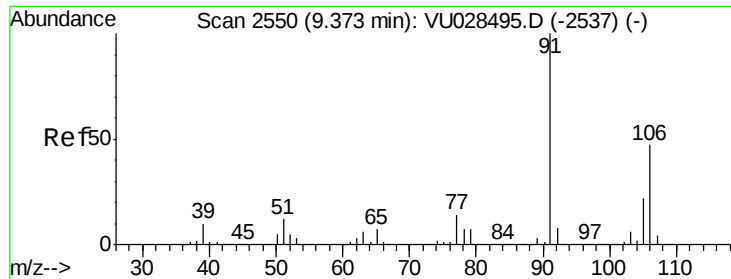
Acq: 12 Dec 2018 01:17

Tgt Ion:	91	Resp:	262280
Ion Ratio	Lower	Upper	
91	100		
106	30.0	24.1	36.1



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





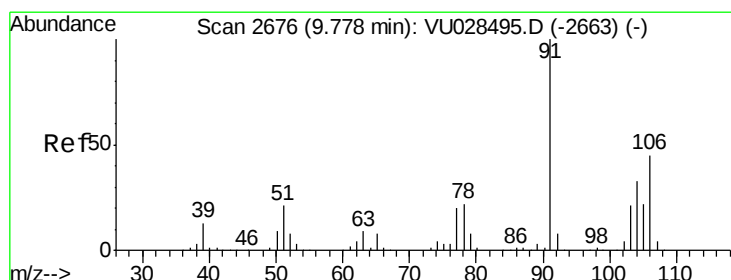
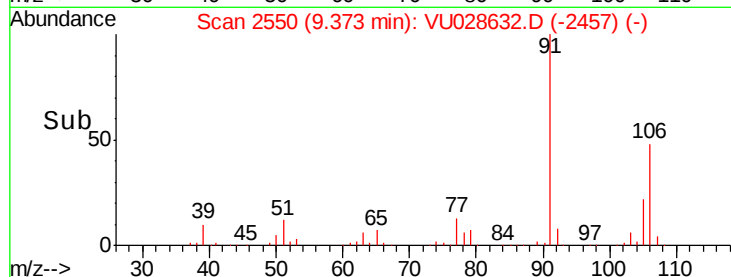
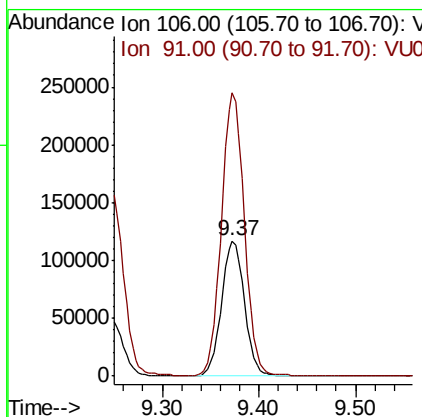
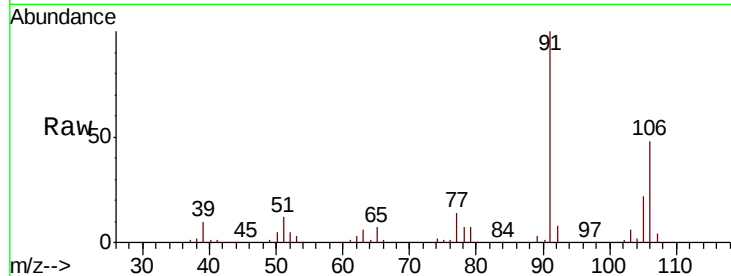
#68
m/p-Xylenes
Concen: 100.290 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion:106 Resp: 192724
Ion Ratio Lower Upper
106 100
91 209.5 167.4 251.0

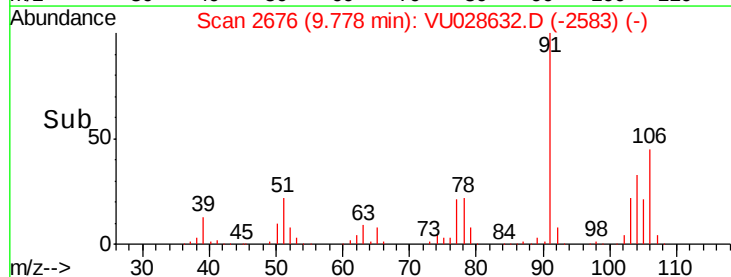
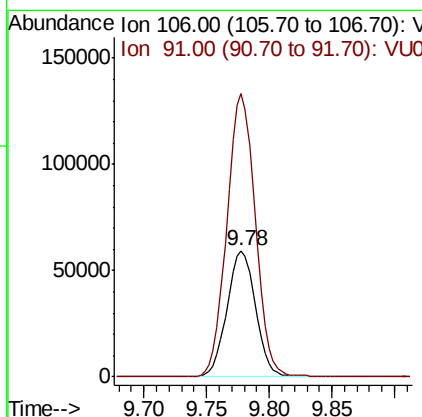
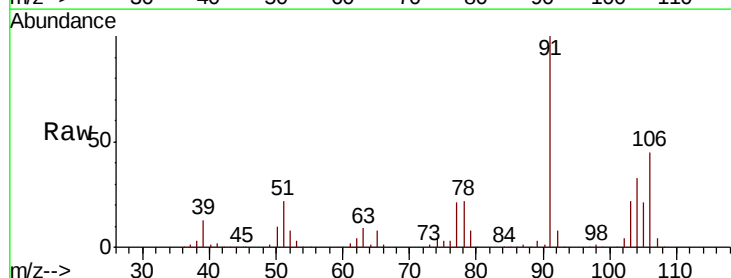
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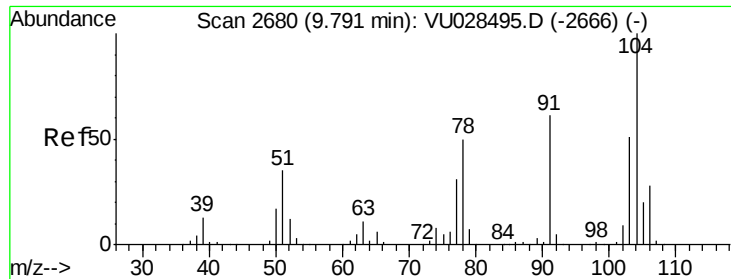
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#69
o-Xylene
Concen: 50.358 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion:106 Resp: 94042
Ion Ratio Lower Upper
106 100
91 223.3 111.3 334.0





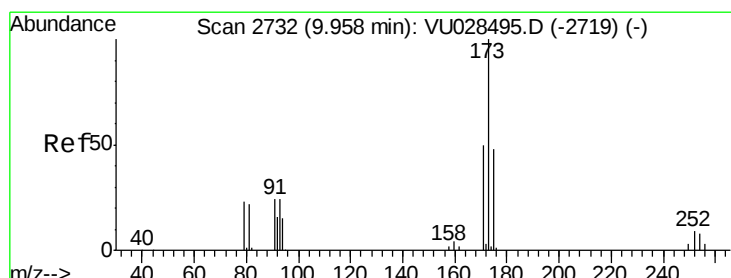
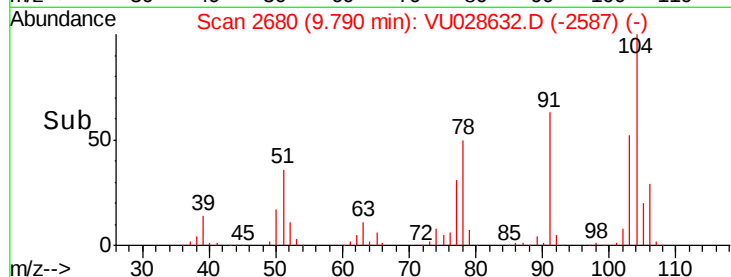
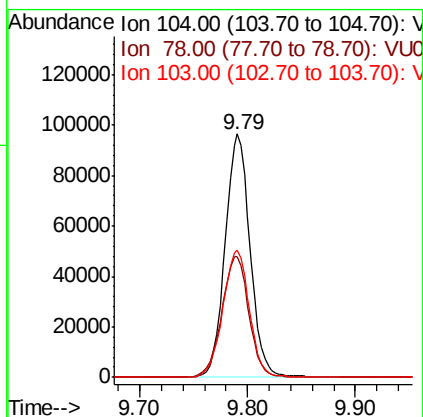
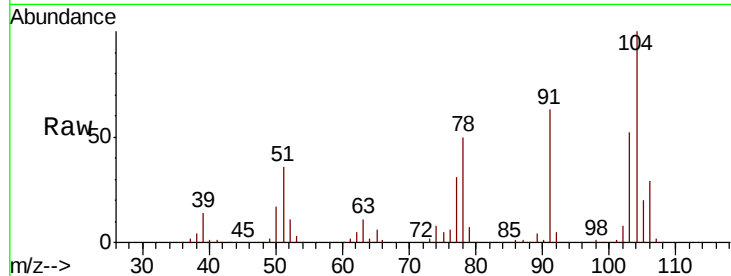
#70
Stvrene
Concen: 50.349 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.8	43.0	64.6
103	55.5	44.2	66.4

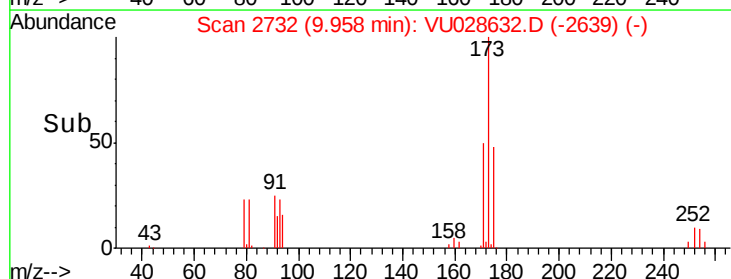
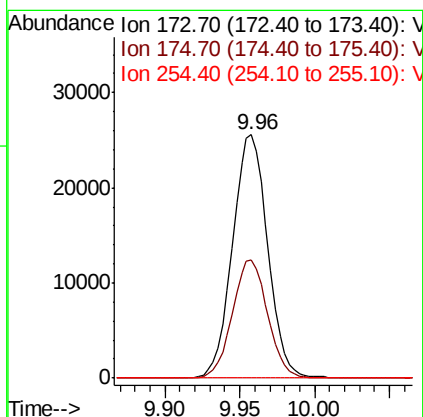
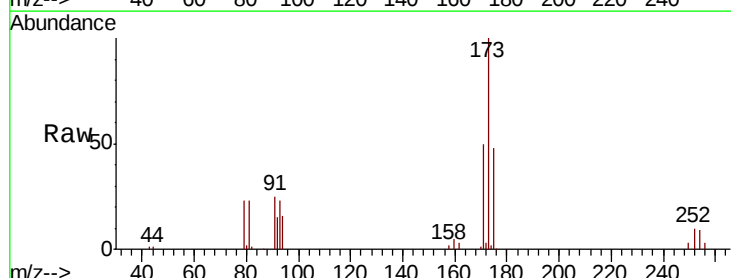
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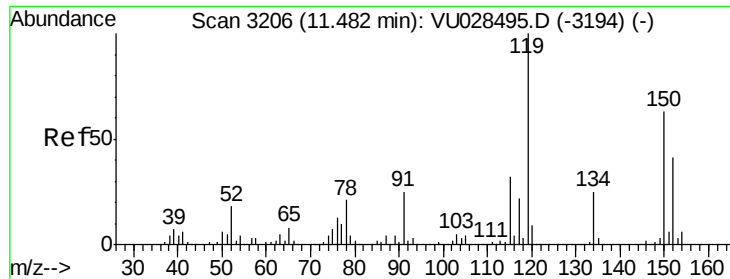
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#71
Bromoform
Concen: 53.435 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.8
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion:152 Resp: 64310

Ion Ratio Lower Upper

152 100

115 84.2 42.7 128.1

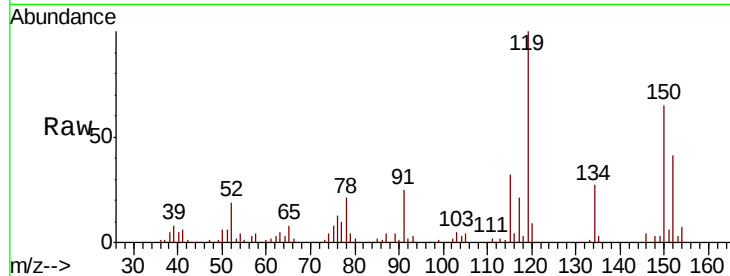
150 174.7 0.0 346.0

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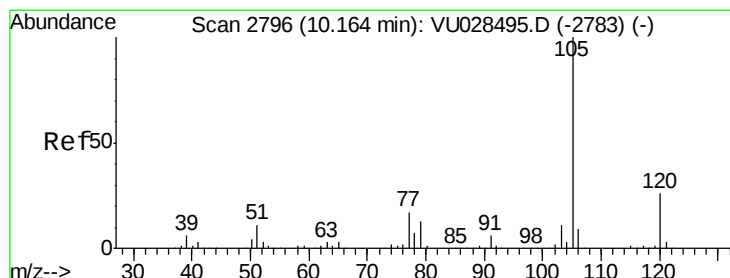
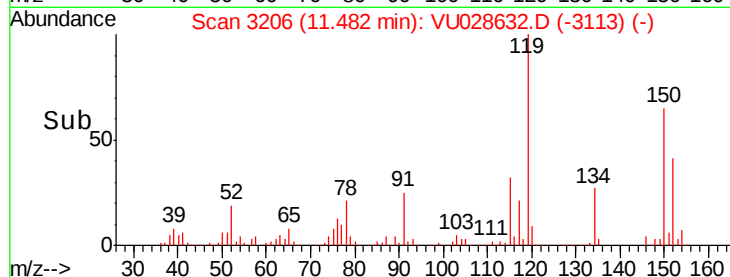
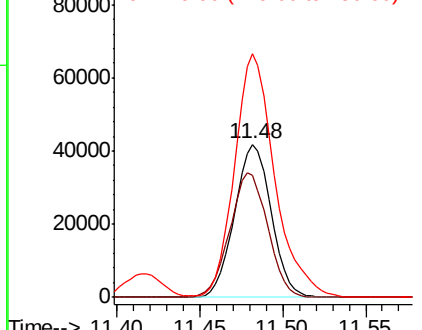
12/12/2018 11:49:02 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.234 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028632.D

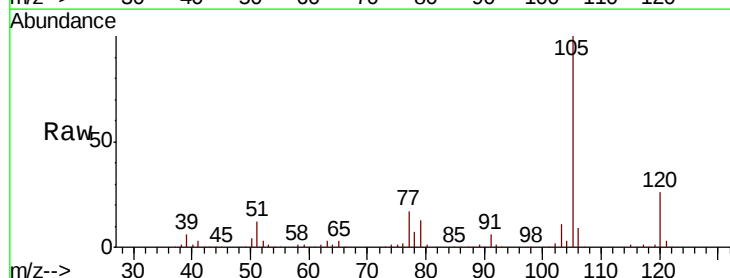
Acq: 12 Dec 2018 01:17

Tgt Ion:105 Resp: 247894

Ion Ratio Lower Upper

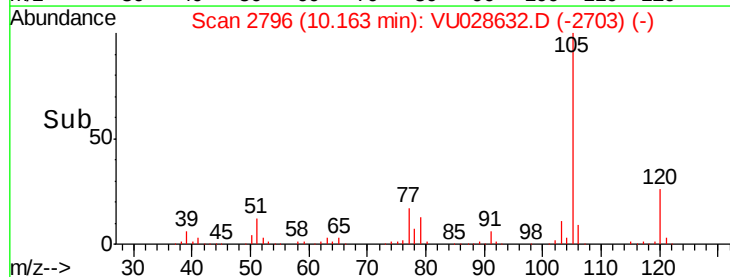
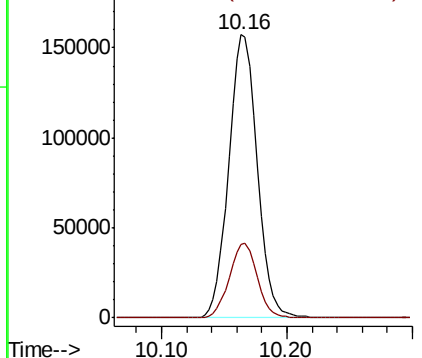
105 100

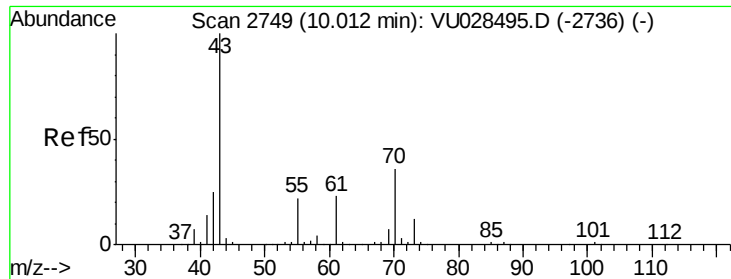
120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.565 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

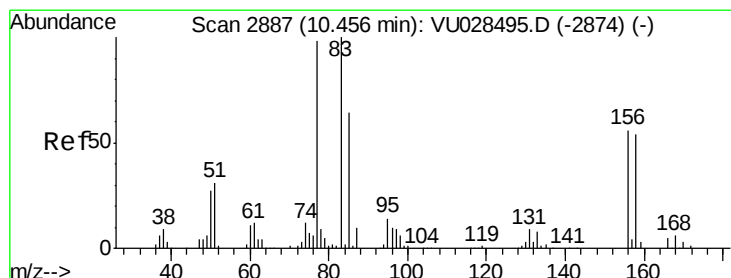
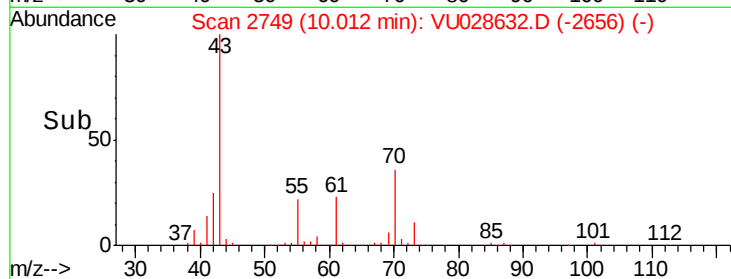
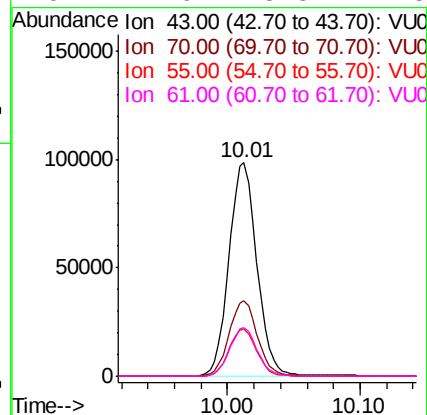
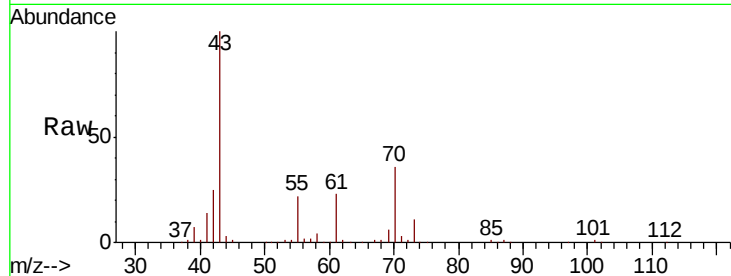
ClientSampleId :

P001-SW001-01MS

Tot Ion:	43	Resp:	143933
Ion	Ratio	Lower	Upper
43	100		
70	36.0	29.3	43.9
55	22.3	18.0	27.0
61	22.6	18.3	27.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 55.756 ug/l

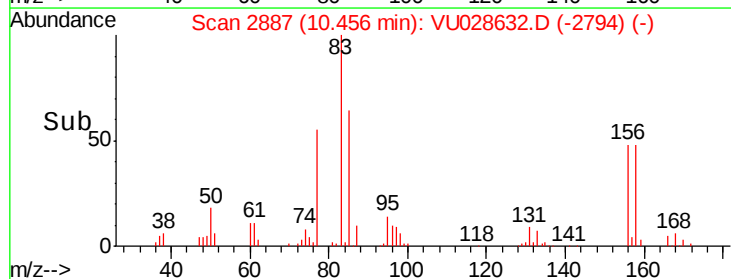
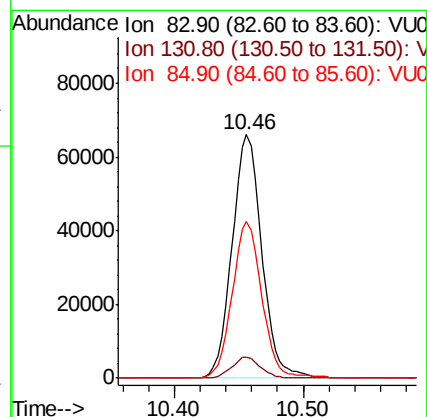
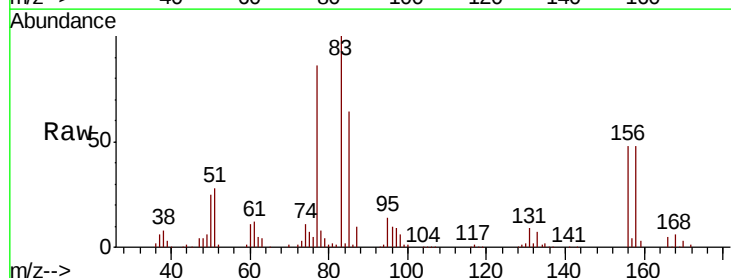
RT: 10.46 min Scan# 2887

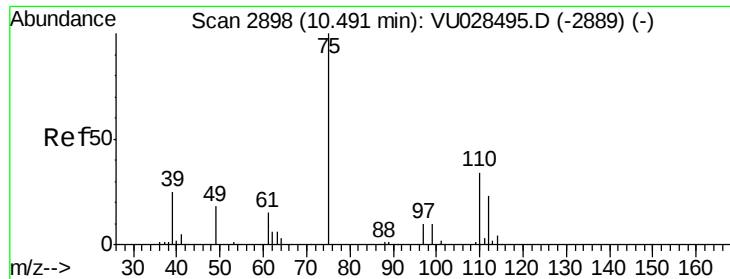
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	83	Resp:	105694
Ion	Ratio	Lower	Upper
83	100		
131	8.2	4.2	12.4
85	63.9	31.8	95.4





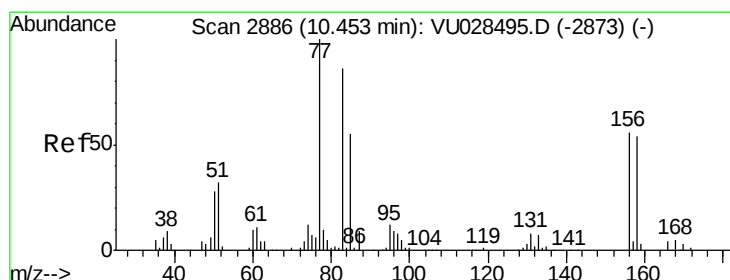
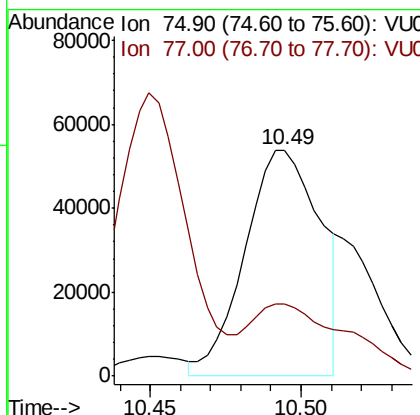
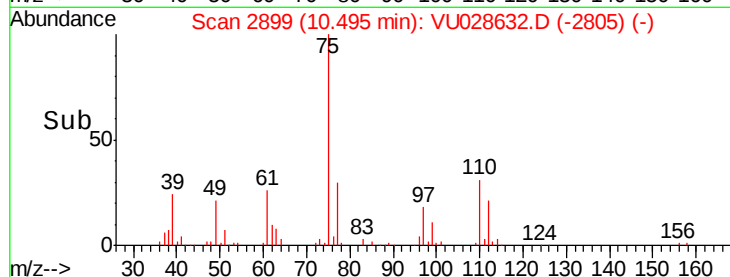
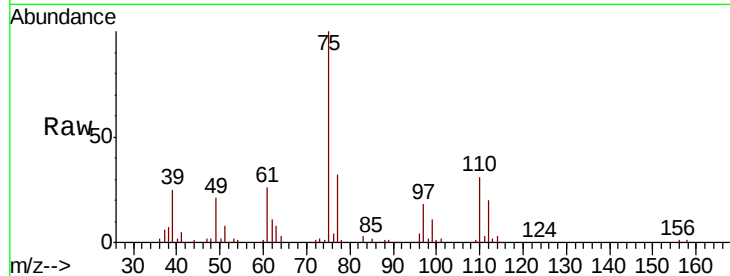
#76
 1,2,3-Trichloropropane
 Concen: 57.089 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion: 75 Resp: 93750
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.8 62.4

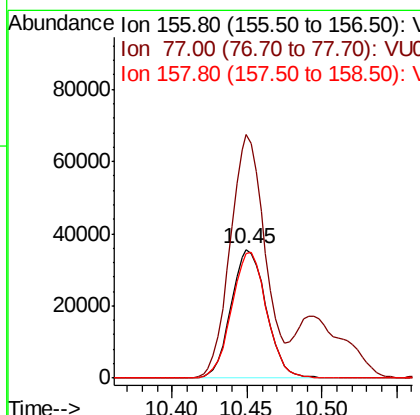
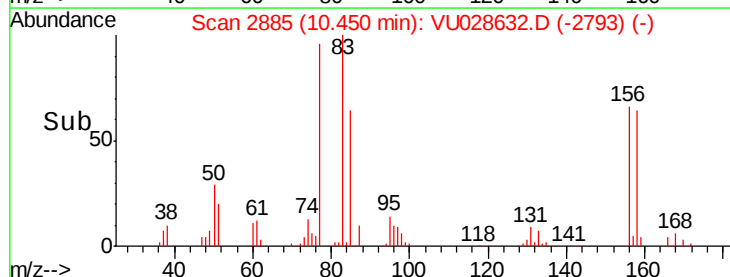
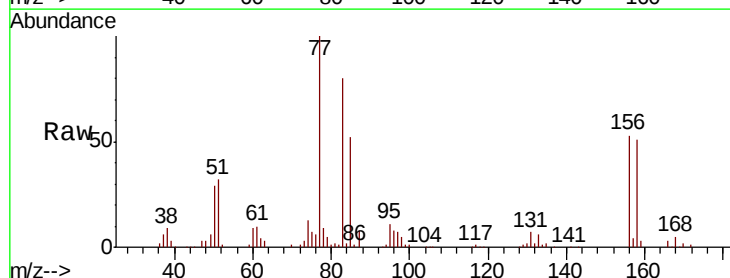
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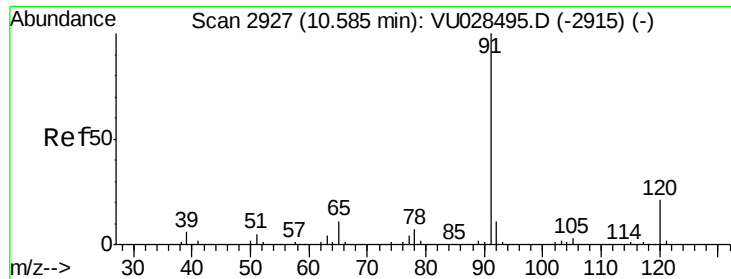
MMDadoda
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#77
 Bromobenzene
 Concen: 50.553 ug/l
 RT: 10.45 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion: 156 Resp: 58344
 Ion Ratio Lower Upper
 156 100
 77 186.1 92.4 277.2
 158 97.5 48.4 145.3





#78

n-propylbenzene

Concen: 49.740 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 91 Resp: 304997

Ion Ratio Lower Upper

91 100

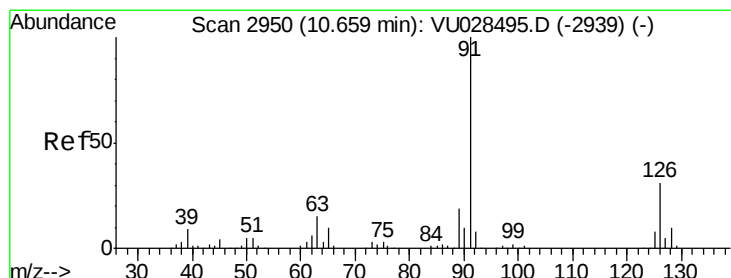
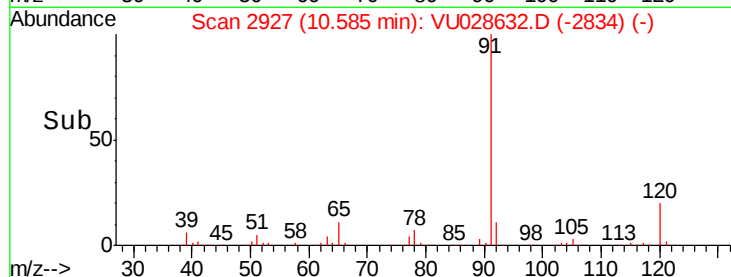
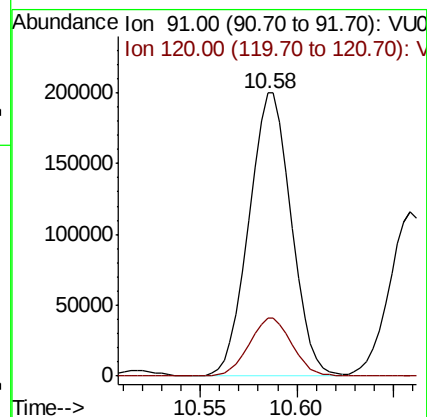
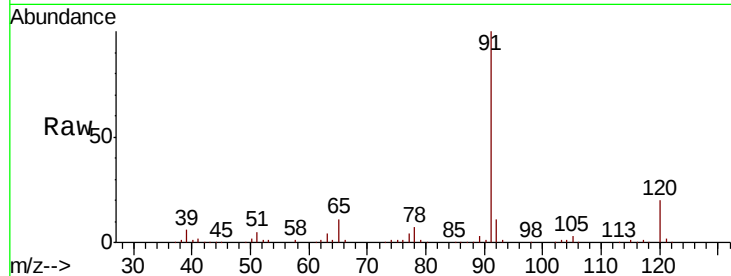
120 20.6 10.6 31.8

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#79

2-Chlorotoluene

Concen: 51.434 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028632.D

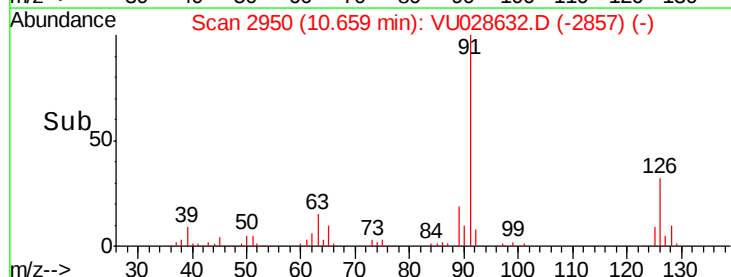
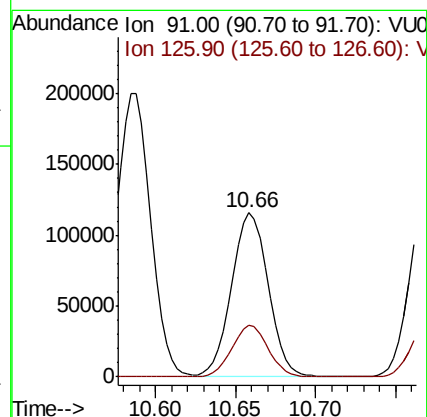
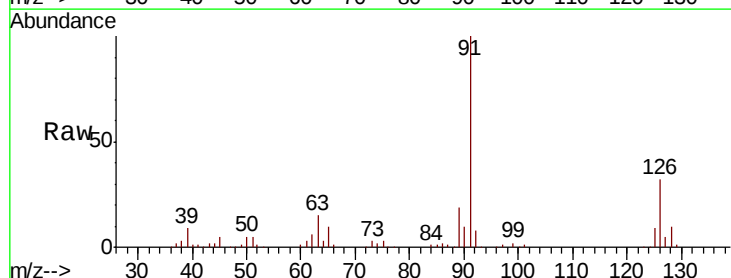
Acq: 12 Dec 2018 01:17

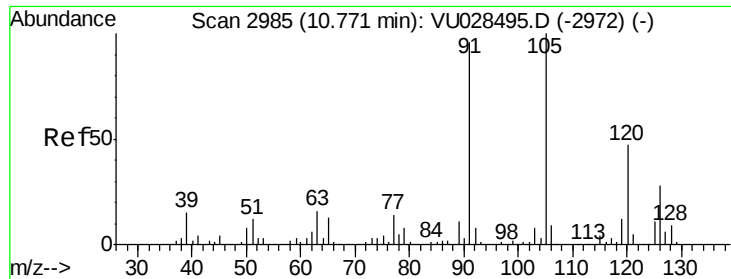
Tgt Ion: 91 Resp: 181671

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.8





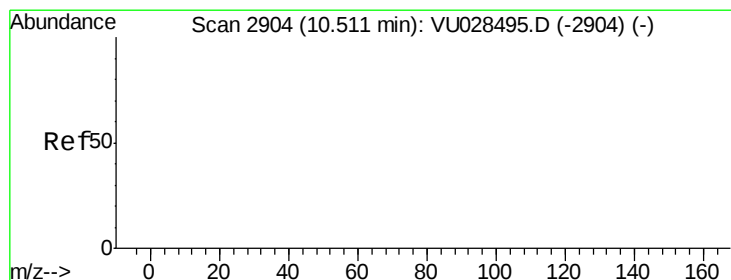
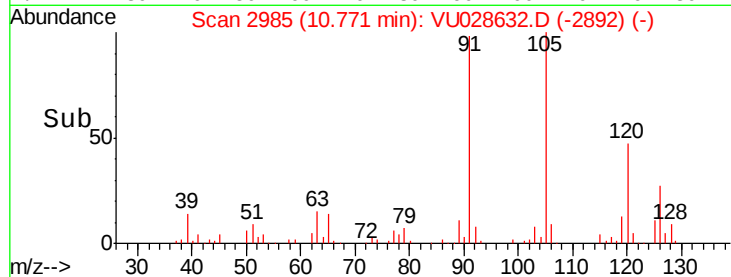
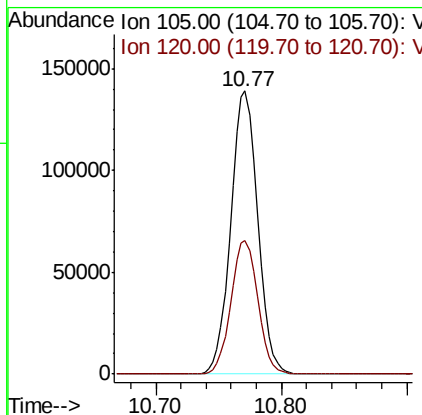
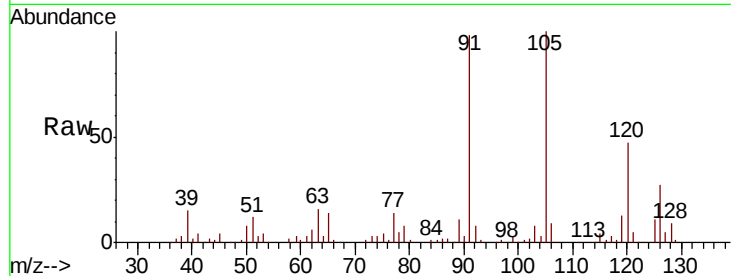
#80
 1,3,5-Trimethylbenzene
 Concen: 50.665 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion: 105 Resp: 206956
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1

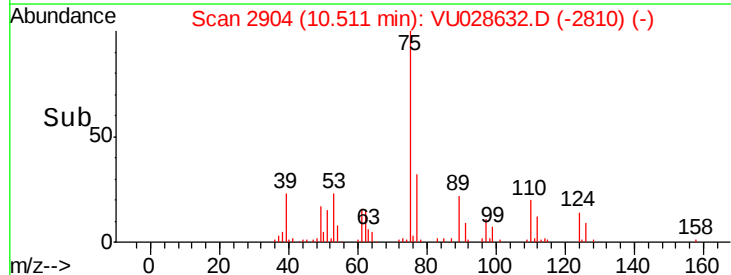
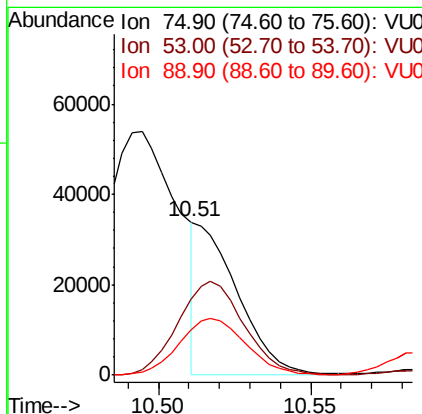
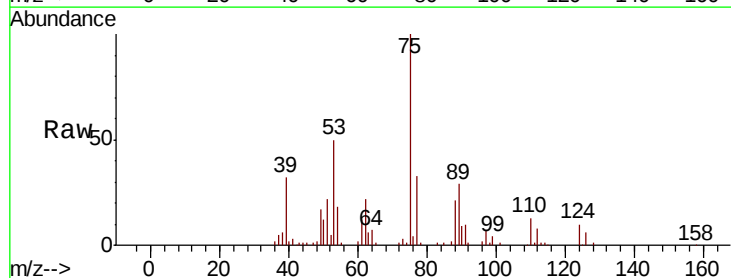
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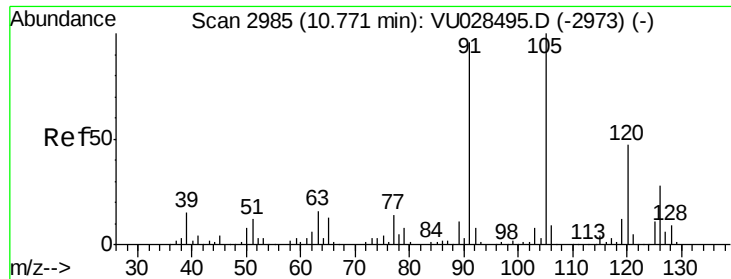
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.091 ug/l m
 RT: 10.51 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion: 75 Resp: 31432
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 49.639 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 91 Resp: 207767

Ion Ratio Lower Upper

91 100

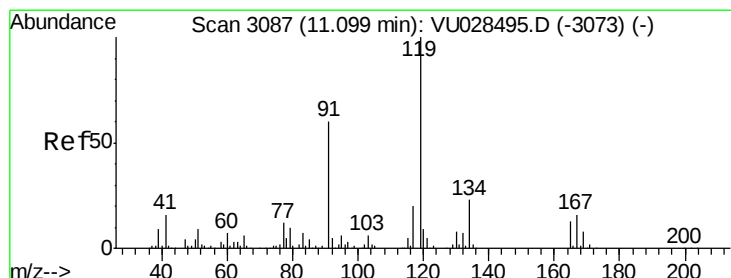
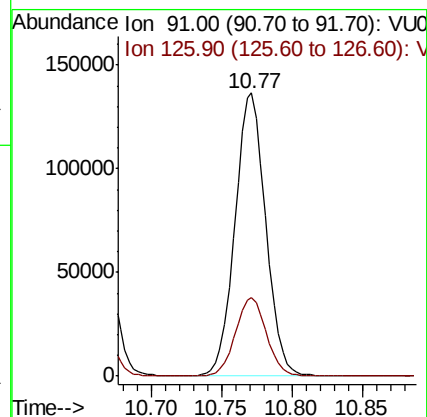
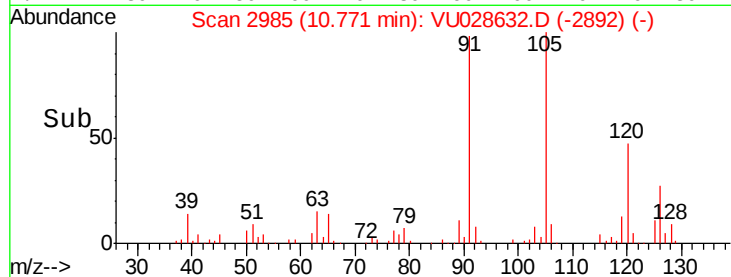
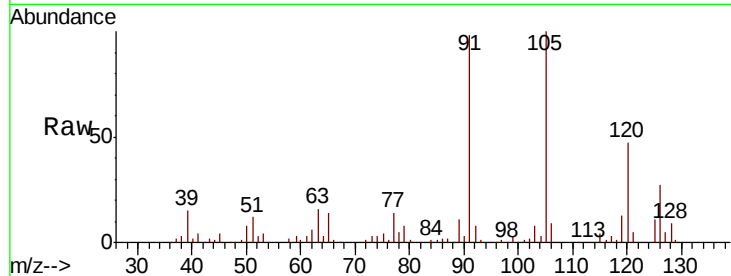
126 28.0 14.1 42.3

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#83

tert-Butylbenzene

Concen: 50.492 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

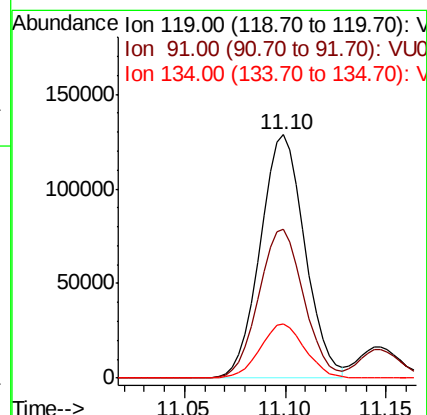
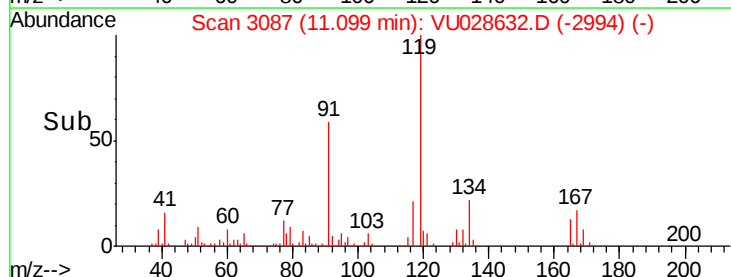
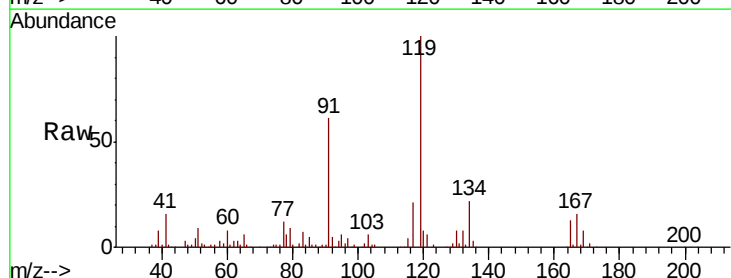
Tgt Ion: 119 Resp: 198799

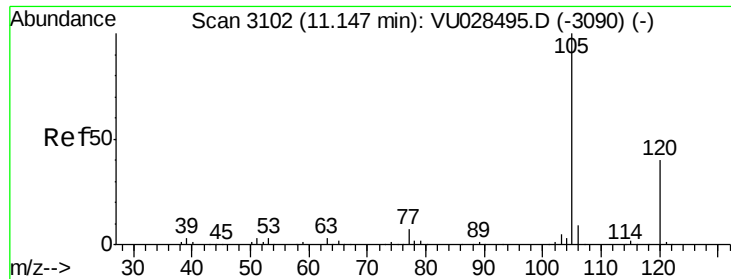
Ion Ratio Lower Upper

119 100

91 61.7 30.3 91.0

134 22.2 11.2 33.5





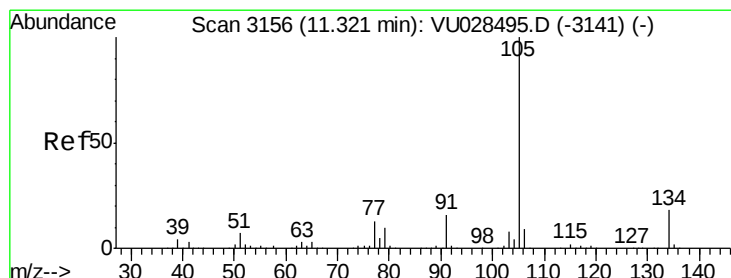
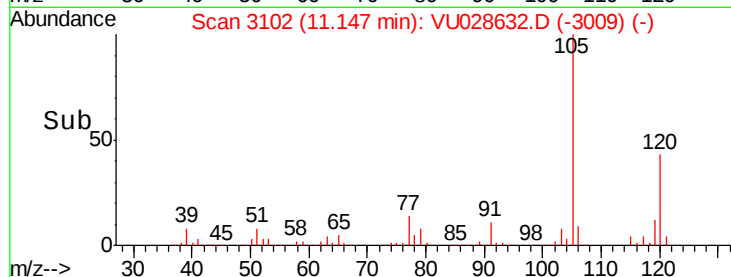
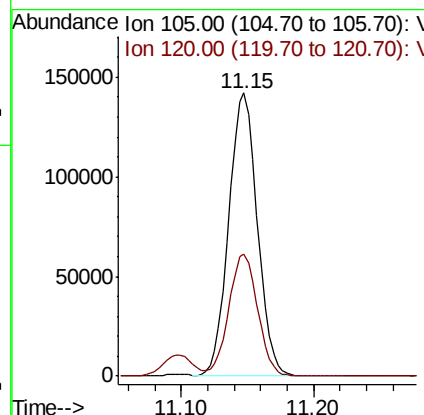
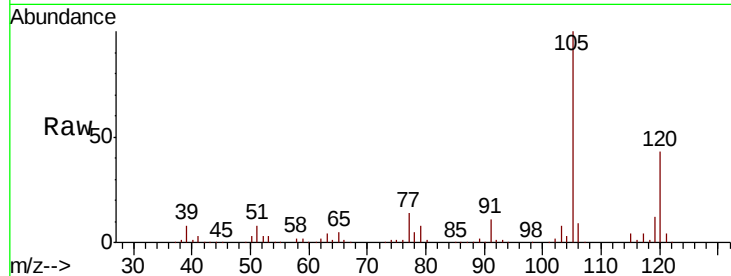
#84
 1,2,4-Trimethylbenzene
 Concen: 50.640 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.8	65.4

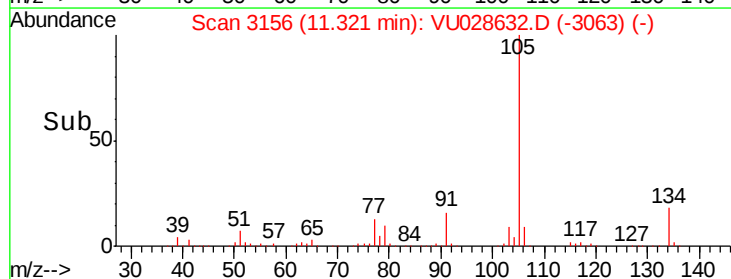
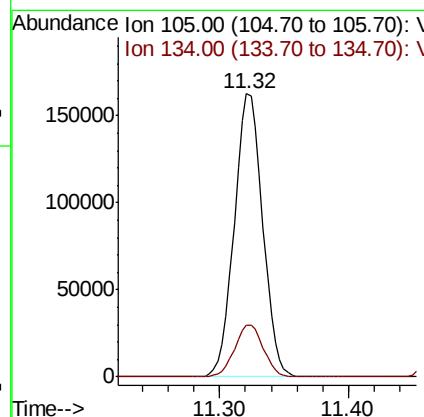
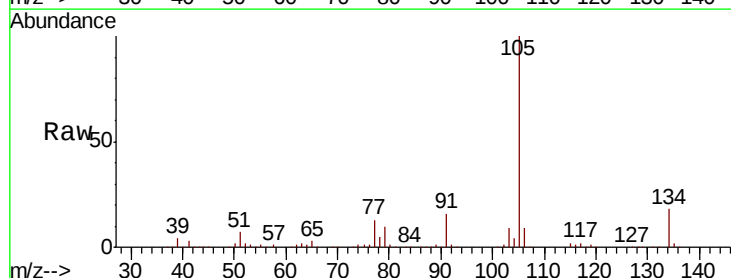
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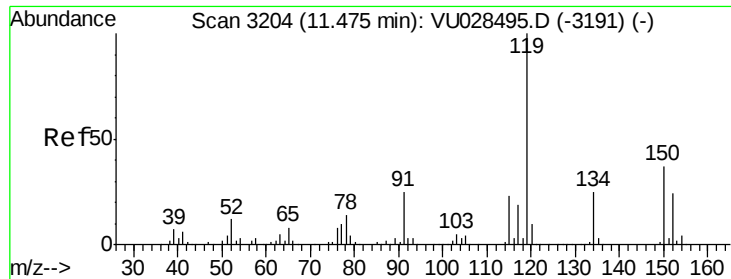
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#85
 sec-Butylbenzene
 Concen: 49.035 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.2	27.6





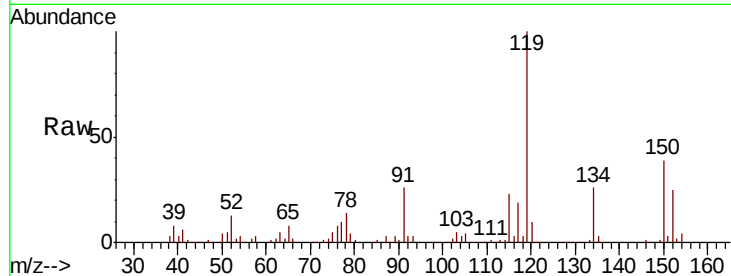
#86
 p-Isopropyltoluene
 Concen: 48.230 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.1
91	25.1	12.6	37.6

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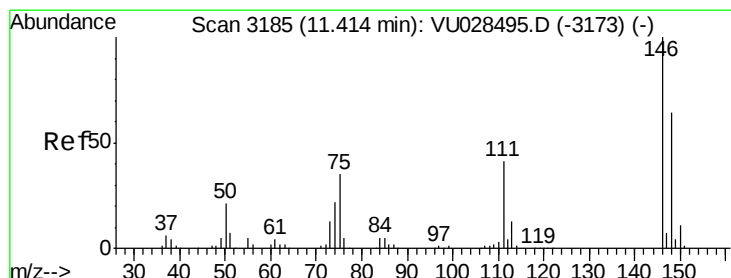
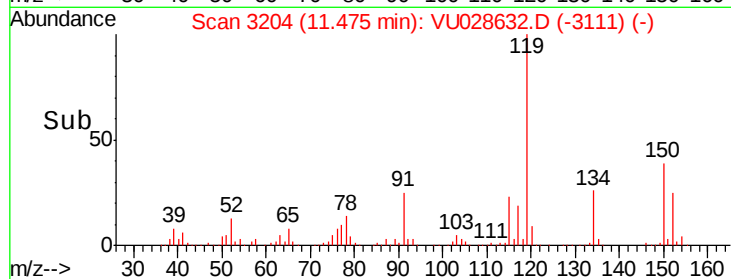
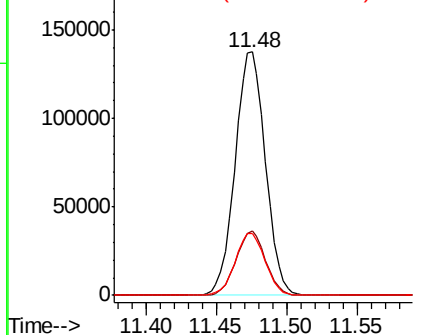


Abundance

Ion 119.00 (118.70 to 119.70): V

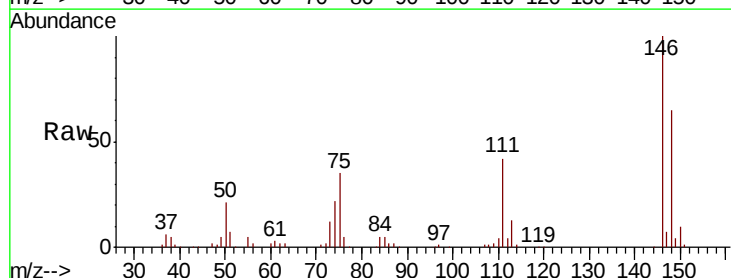
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87
 1,3-Dichlorobenzene
 Concen: 48.052 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	65.4	31.9	95.7

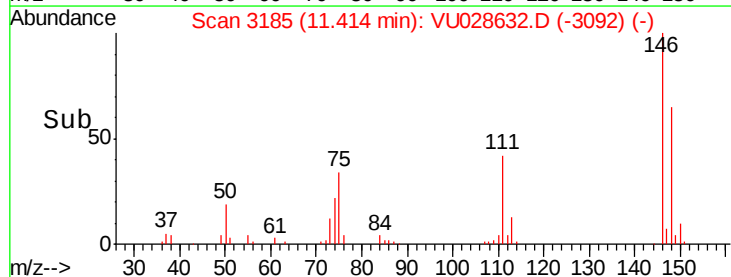
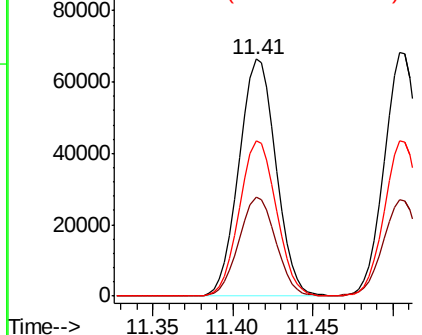


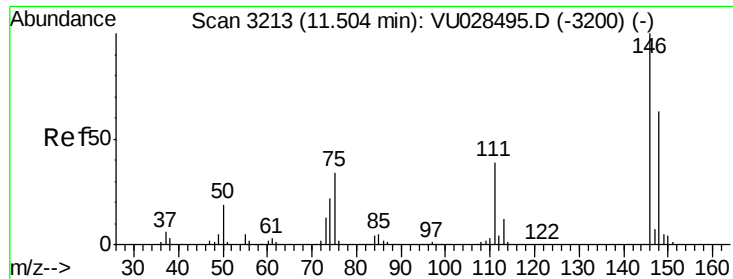
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 47.466 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

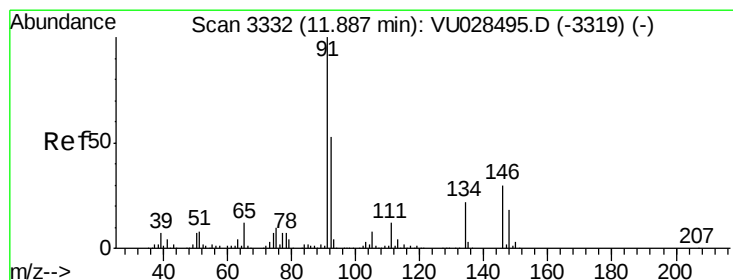
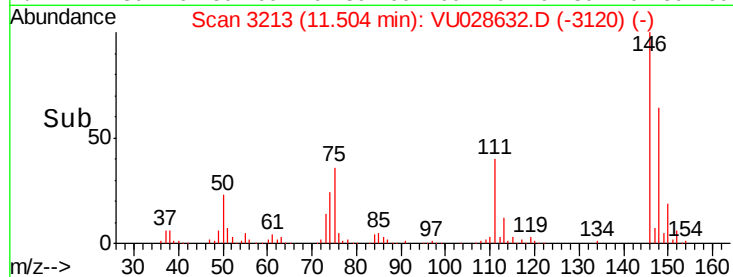
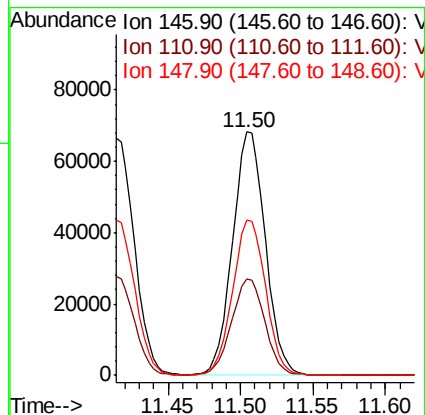
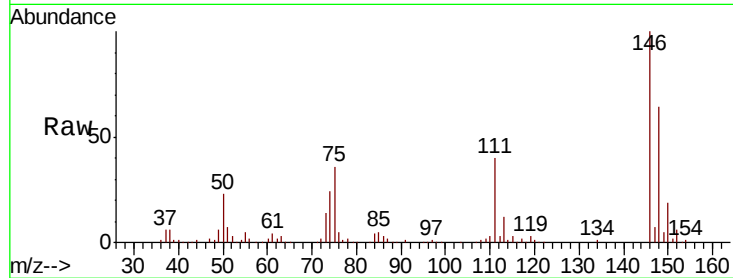
ClientSampleId :

P001-SW001-01MS

Tot Ion:	146	Resp:	107021
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.2	60.5
148	64.1	31.6	95.0

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#89

n-Butylbenzene

Concen: 45.302 ug/l

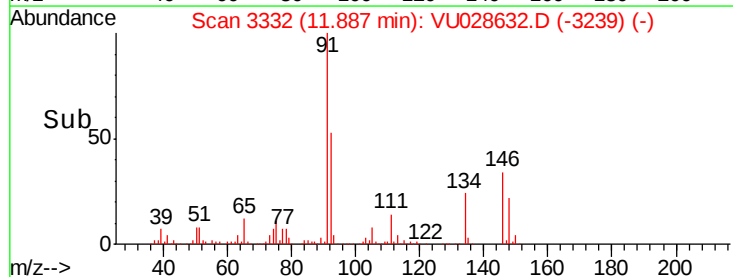
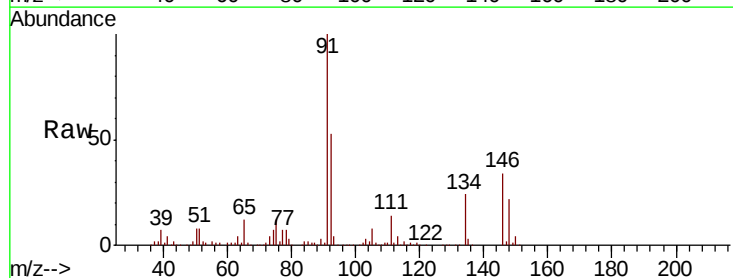
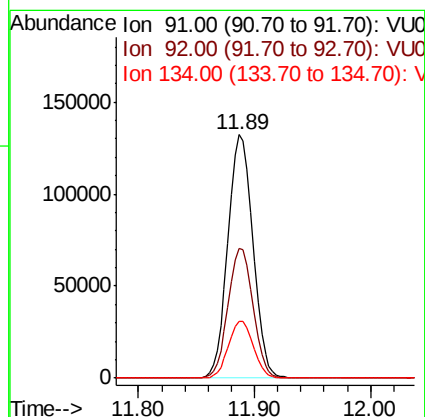
RT: 11.89 min Scan# 3332

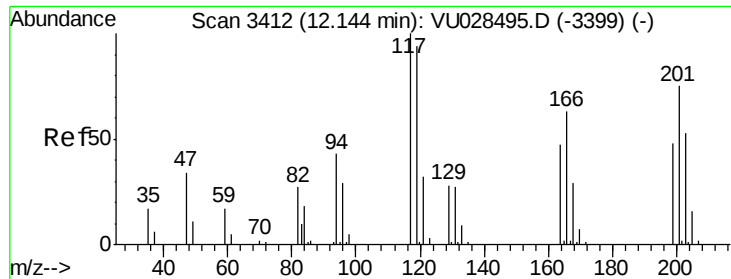
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	91	Resp:	196989
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.3	78.9
134	23.4	11.3	33.8





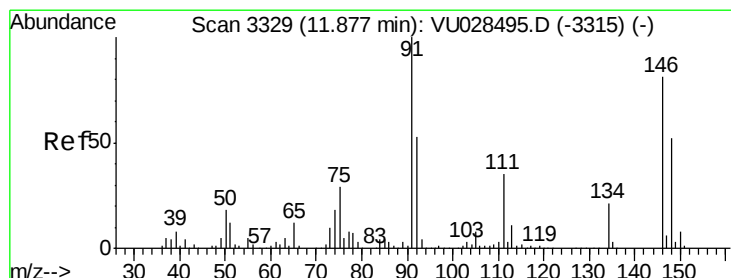
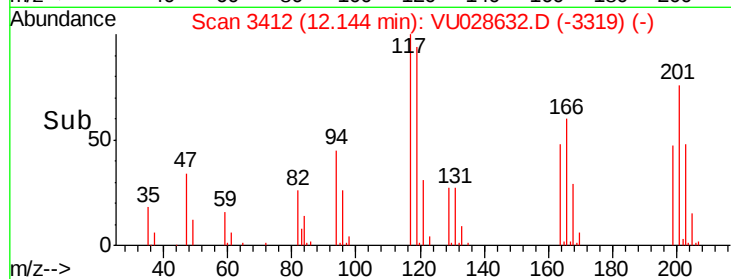
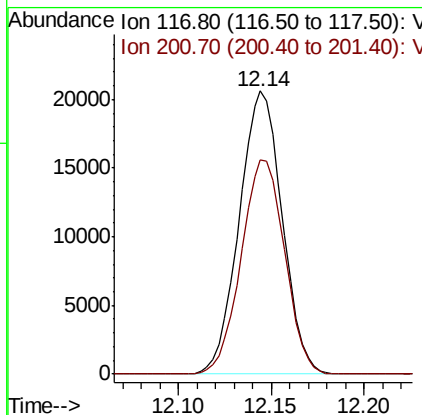
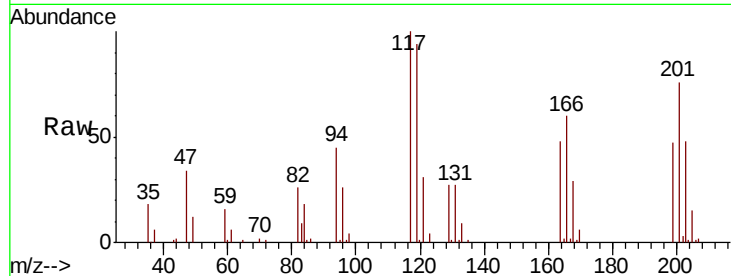
#90
Hexachloroethane
Concen: 50.994 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Instrument :
MSVOA_U
ClientSampleId :
P001-SW001-01MS

Tot Ion:117 Resp: 33117
Ion Ratio Lower Upper
117 100
201 76.6 38.1 114.5

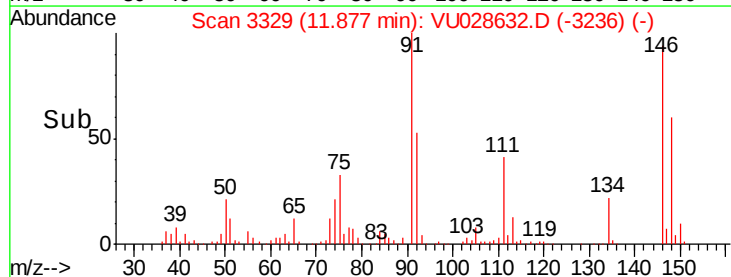
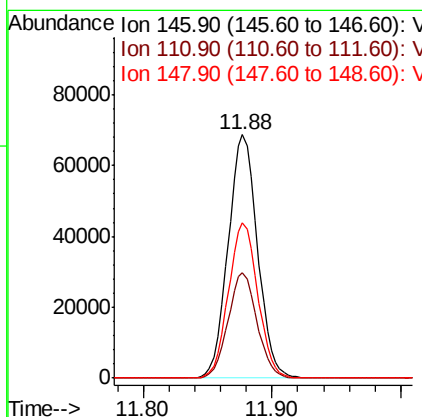
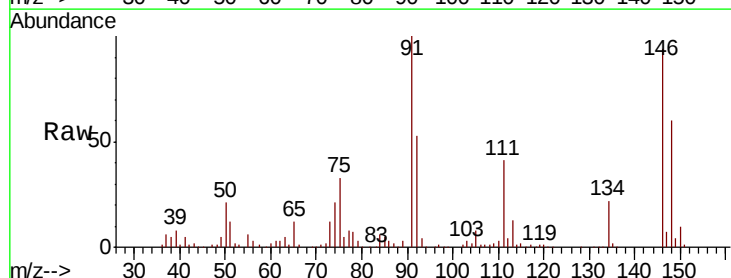
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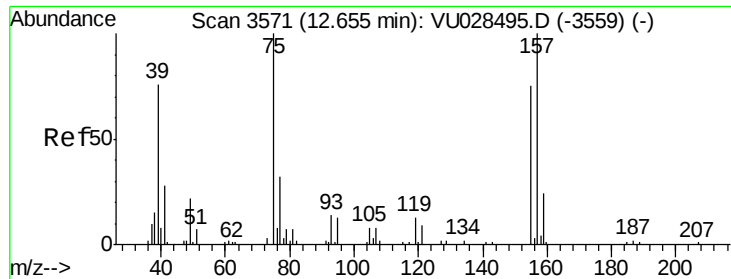
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#91
1,2-Dichlorobenzene
Concen: 49.735 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028632.D
Acq: 12 Dec 2018 01:17

Tgt Ion:146 Resp: 108416
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.4
148 63.6 31.4 94.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 57.704 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

ClientSampleId :

P001-SW001-01MS

Tot Ion: 75 Resp: 23682

Ion Ratio Lower Upper

75 100

155 77.5 38.1 114.5

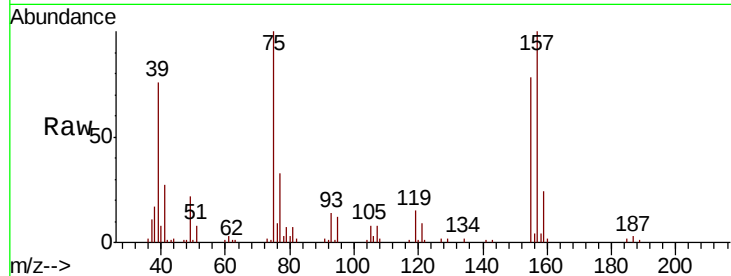
157 99.8 48.7 146.1

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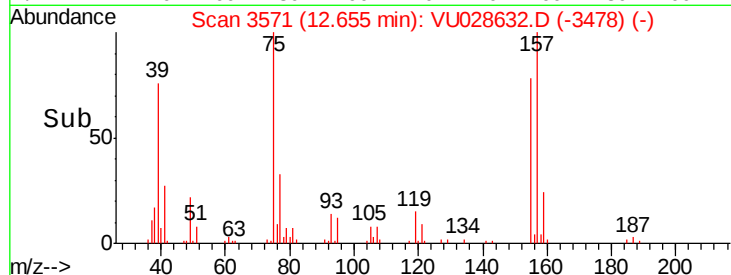


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-3559) (-)

Ion 154.80 (154.50 to 155.50): VU028495.D (-3559) (-)

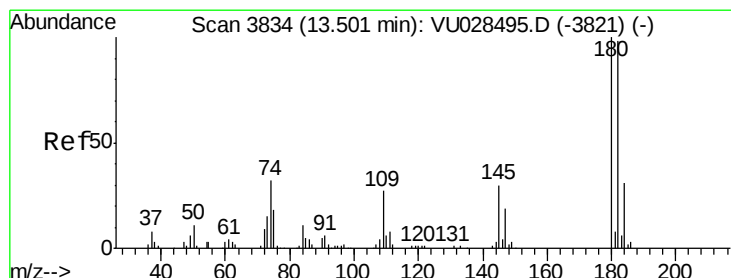
Ion 156.80 (156.50 to 157.50): VU028495.D (-3559) (-)

Time-->



Abundance

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 46.937 ug/l

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

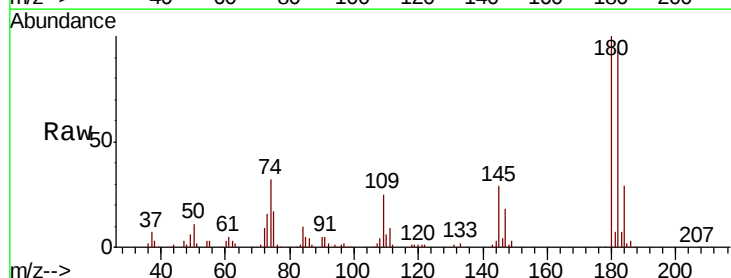
Tgt Ion: 180 Resp: 70229

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 29.5 15.0 45.1

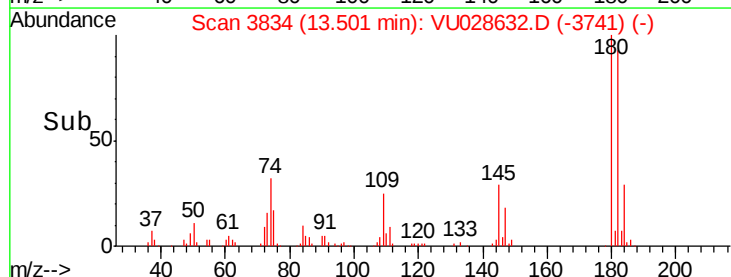


Abundance Ion 179.80 (179.50 to 180.50): VU028495.D (-3821) (-)

Ion 181.80 (181.50 to 182.50): VU028495.D (-3821) (-)

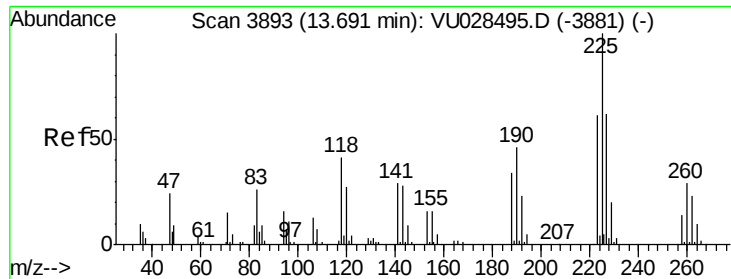
Ion 144.80 (144.50 to 145.50): VU028495.D (-3821) (-)

Time-->



Abundance

Time-->



#94

Hexachlorobutadiene

Concen: 38.116 ug/l

RT: 13.69 min Scan# 3893

Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Instrument :

MSVOA_U

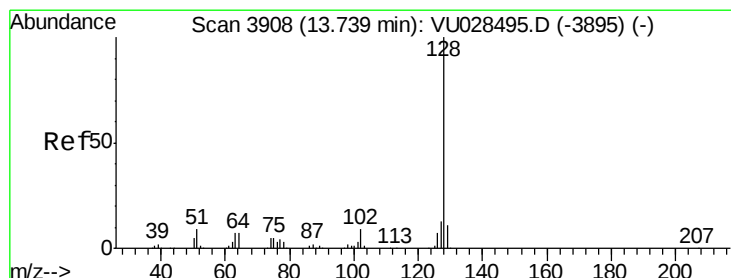
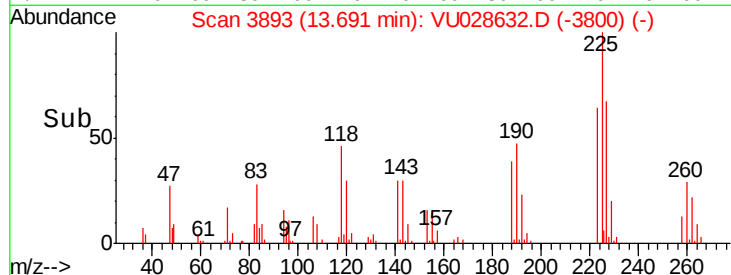
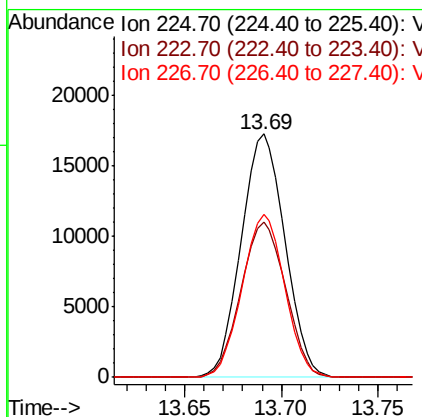
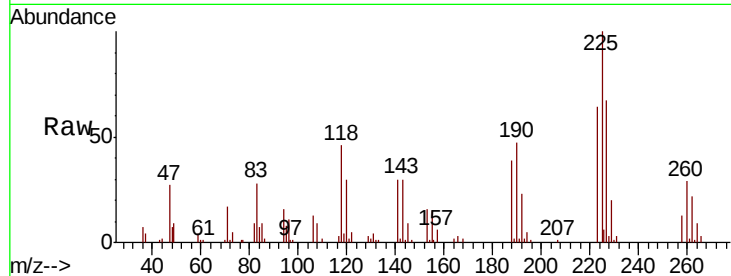
ClientSampleId :

P001-SW001-01MS

Tot Ion:	225	Resp:	27217
Ion Ratio		Lower	Upper
225	100		
223	64.9	30.4	91.2
227	65.0	30.7	92.1

Manual Integrations
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#95

Naphthalene

Concen: 50.488 ug/l

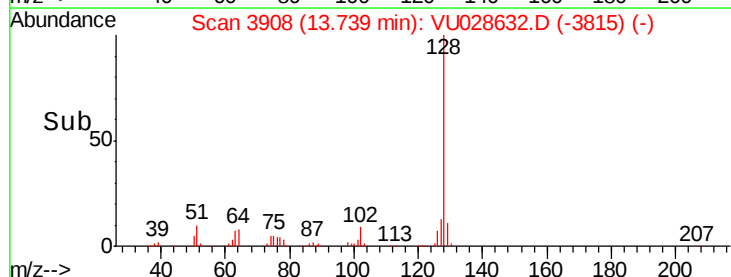
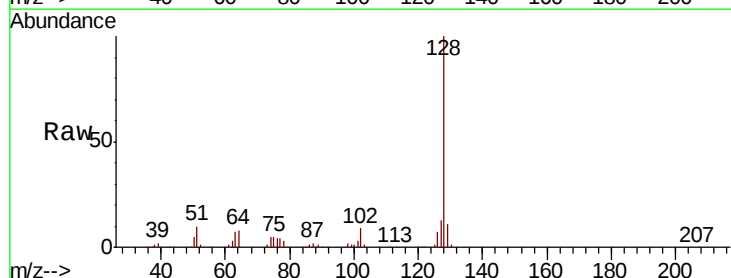
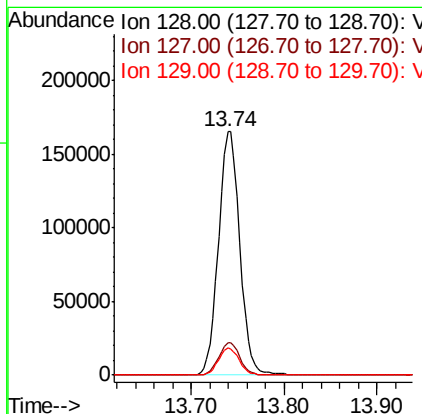
RT: 13.74 min Scan# 3908

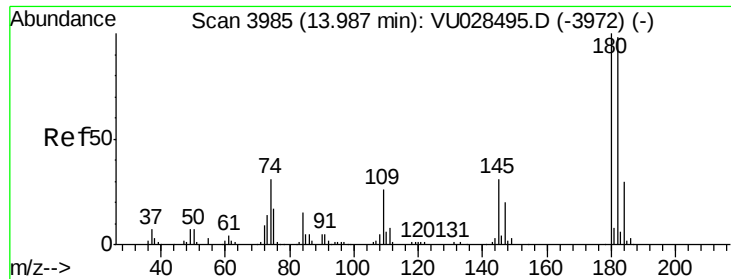
Delta R.T. -0.00 min

Lab File: VU028632.D

Acq: 12 Dec 2018 01:17

Tgt Ion:	128	Resp:	264093
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 49.175 ug/l
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU028632.D
 Acq: 12 Dec 2018 01:17

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SW001-01MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.2	144.6
145	31.0	15.8	47.3

Manual Integrations
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