

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029013.D
 Acq On : 03 Jan 2019 21:38
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 9:51:31 AM

Quant Time: Jan 04 08:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	129148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	219026	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	203745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	82740	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	4.88	113	70104	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	7.57	98	276303	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	10.30	95	98573	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	64352	50.245	ug/l	97
3) Chloromethane	1.33	50	102531	50.158	ug/l	99
4) Vinyl Chloride	1.40	62	95738	50.724	ug/l	99
5) Bromomethane	1.61	94	56624	58.893	ug/l	97
6) Chloroethane	1.68	64	55673	49.521	ug/l	99
7) Trichlorofluoromethane	1.88	101	101178	49.195	ug/l	98
8) Diethyl Ether	2.10	74	48295	48.878	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	67246	48.867	ug/l	98
10) Methyl Iodide	2.41	142	75249	58.156	ug/l	100
11) Tert butyl alcohol	2.84	59	105997	261.197	ug/l	99
12) 1,1-Dichloroethene	2.28	96	67887	50.683	ug/l	99
13) Acrolein	2.19	56	72936	239.353	ug/l	100
14) Allyl chloride	2.59	41	129863	52.840	ug/l	99
15) Acrylonitrile	2.94	53	262618	263.779	ug/l	100
16) Acetone	2.32	43	203505	202.342	ug/l	100
17) Carbon Disulfide	2.47	76	221028	49.830	ug/l	99
18) Methyl Acetate	2.62	43	122457	52.365	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	238074	50.556	ug/l	99
20) Methylene Chloride	2.70	84	83218	48.734	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	75630	48.599	ug/l	96
22) Diisopropyl ether	3.57	45	253611	52.213	ug/l	99
23) Vinyl Acetate	3.52	43	1062516	267.580	ug/l	99
24) 1,1-Dichloroethane	3.44	63	144112	51.396	ug/l	99
25) 2-Butanone	4.26	43	345649	254.452	ug/l	100
26) 2,2-Dichloropropane	4.22	77	104204	45.993	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	87397	51.348	ug/l	99
28) Bromochloromethane	4.55	49	62497	52.053	ug/l	99
29) Tetrahydrofuran	4.64	42	224322	272.270	ug/l	99
30) Chloroform	4.67	83	135438	50.712	ug/l	98
31) Cyclohexane	4.99	56	135419	51.188	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	112654	51.049	ug/l	99
36) 1,1-Dichloropropene	5.13	75	103758	47.394	ug/l	99
37) Ethyl Acetate	4.38	43	123972	51.589	ug/l	99
38) Carbon Tetrachloride	5.13	117	90809	49.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	130326	48.423	ug/l	97
40) Benzene	5.39	78	334156	48.933	ug/l	100
41) Methacrylonitrile	4.54	41	68536	53.280	ug/l	97
42) 1,2-Dichloroethane	5.40	62	102438	49.921	ug/l	99
43) Isopropyl Acetate	5.55	43	193087	52.380	ug/l	100
44) Trichloroethene	6.18	130	79772	47.146	ug/l	99
45) 1,2-Dichloropropane	6.43	63	89995	49.904	ug/l	98
46) Dibromomethane	6.56	93	57326	49.726	ug/l	100
47) Bromodichloromethane	6.76	83	105618	49.760	ug/l	99
48) Methyl methacrylate	6.62	41	97328	54.223	ug/l	99
49) 1,4-Dioxane	6.61	88	45895	1078.928	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	649245	258.793	ug/l	100
52) Toluene	7.64	92	204426	49.173	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	123208	48.321	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	135758	49.274	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	83691	50.251	ug/l	99
56) Ethyl methacrylate	8.02	69	133967	52.212	ug/l	99
57) 1,3-Dichloropropane	8.24	76	141899	49.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.12	63	314925	279.090	ug/l	99
59) 2-Hexanone	8.36	43	503795	255.828	ug/l	100
60) Dibromochloromethane	8.48	129	80891	49.025	ug/l	99
61) 1,2-Dibromoethane	8.58	107	89844	49.740	ug/l	100
64) Tetrachloroethene	8.22	164	70991	48.369	ug/l	99
65) Chlorobenzene	9.12	112	218857	47.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	74726	50.419	ug/l	98
67) Ethyl Benzene	9.25	91	380019	49.839	ug/l	100
68) m/p-Xylenes	9.37	106	296266	100.001	ug/l	99
69) o-Xylene	9.78	106	145272	50.890	ug/l	99
70) Styrene	9.79	104	238852	51.040	ug/l	100
71) Bromoform	9.96	173	66440	50.346	ug/l #	98
73) Isopropylbenzene	10.16	105	373025	50.173	ug/l	100
74) N-amyl acetate	10.01	43	173492	54.153	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	147011	49.337	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	125815m	51.122	ug/l	
77) Bromobenzene	10.45	156	96382	49.746	ug/l	99
78) n-propylbenzene	10.58	91	444923	50.780	ug/l	100
79) 2-Chlorotoluene	10.66	91	259902	48.900	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	312377	50.313	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	44165m	46.282	ug/l	
82) 4-Chlorotoluene	10.77	91	297982	48.894	ug/l	99
83) tert-Butylbenzene	11.10	119	304361	49.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	318848	51.438	ug/l	99
85) sec-Butylbenzene	11.32	105	375877	50.789	ug/l	100
86) p-Isopropyltoluene	11.48	119	320084	50.756	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	171925	48.378	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	171343	46.709	ug/l	99
89) n-Butylbenzene	11.89	91	289588	51.449	ug/l	99
90) Hexachloroethane	12.14	117	52902	49.865	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	171588	47.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	30247	52.777	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	111817	48.936	ug/l	99
94) Hexachlorobutadiene	13.69	225	49967	47.809	ug/l	99
95) Naphthalene	13.74	128	395431	50.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	117909	50.124	ug/l	99

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

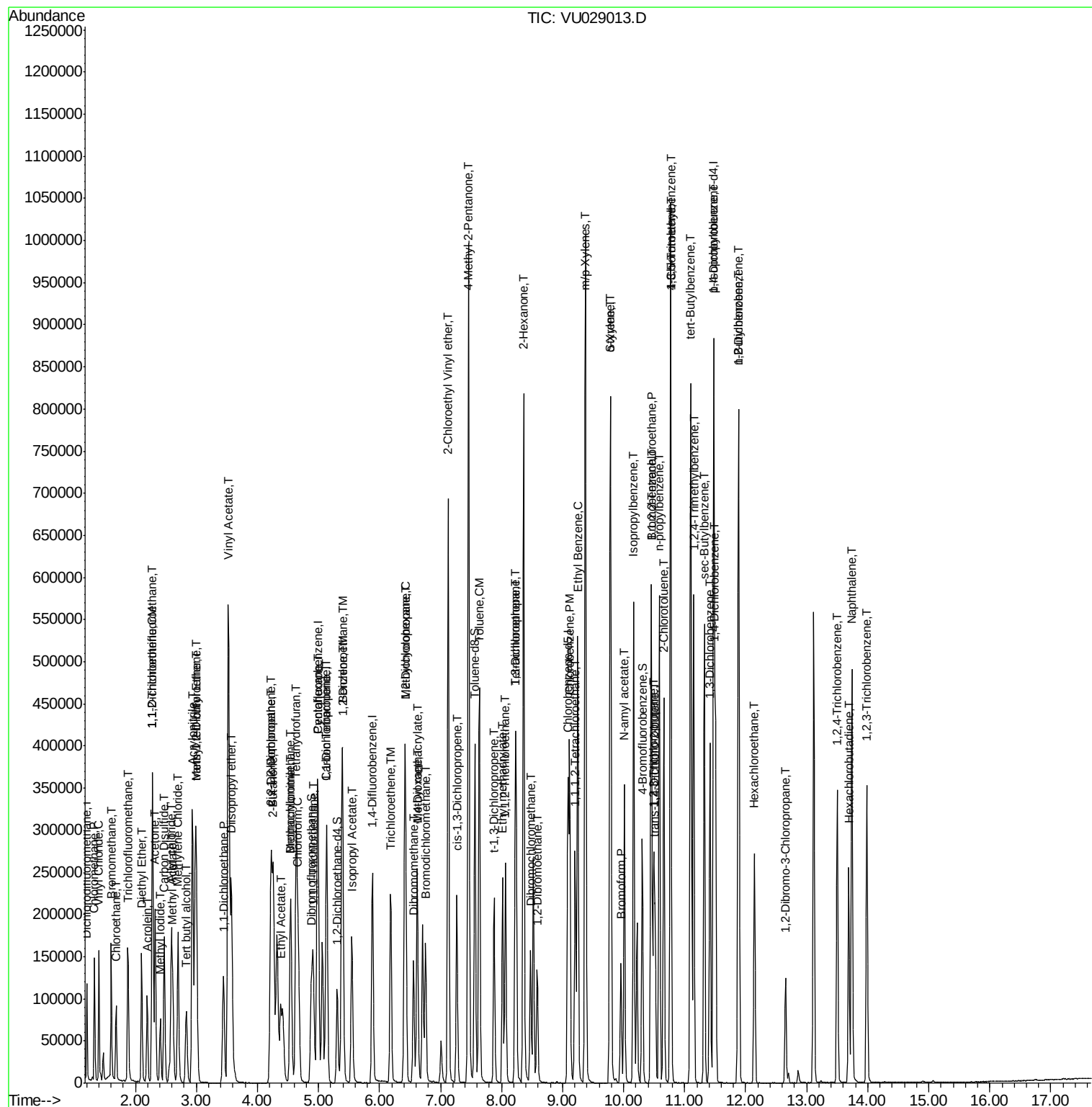
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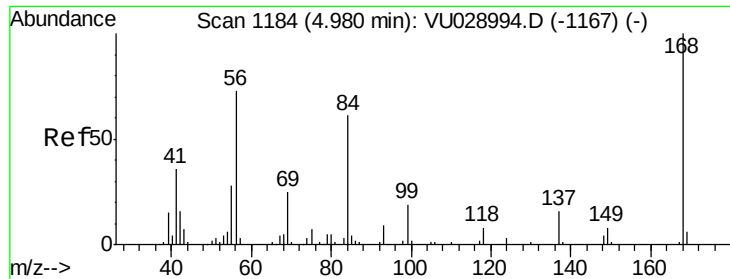
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 129148

Ion Ratio Lower Upper

168 100

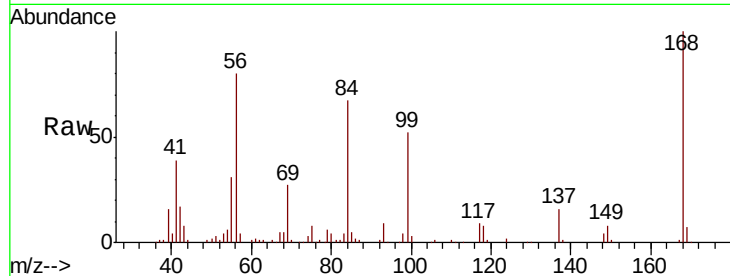
99 51.9 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU029013.D (-1091) (-)

4.98

60000

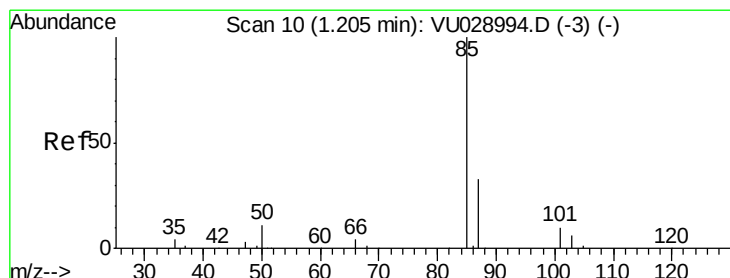
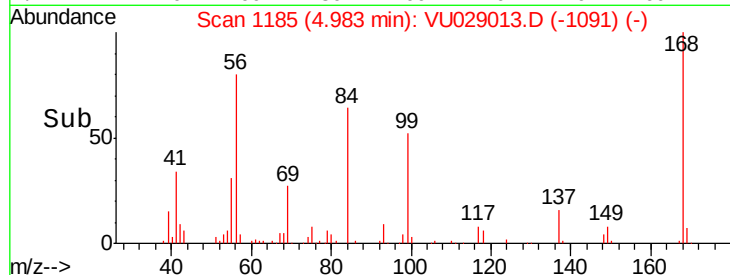
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.245 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU029013.D

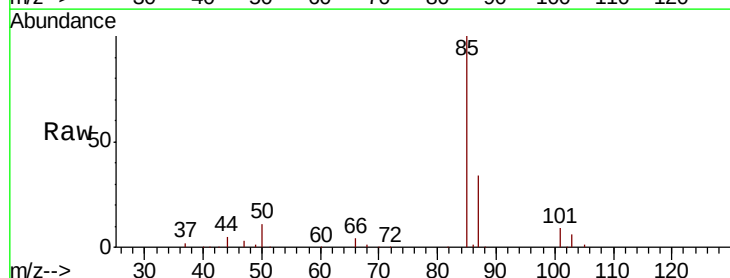
Acq: 03 Jan 2019 21:38

Tgt Ion: 85 Resp: 64352

Ion Ratio Lower Upper

85 100

87 34.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU029013.D (-1) (-)

1.21

60000

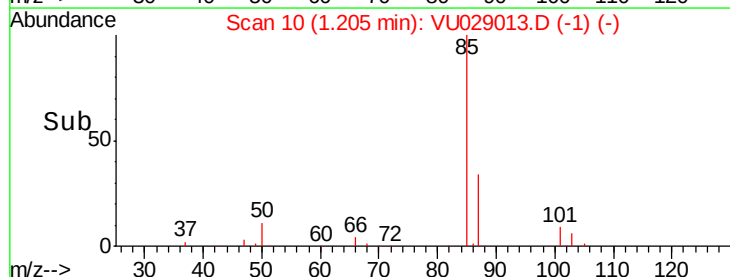
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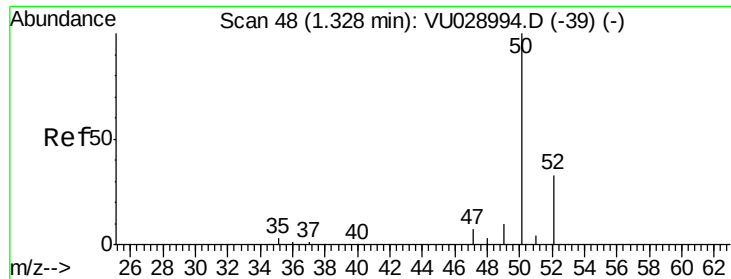
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 50.158 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 102531

Ion Ratio Lower Upper

50 100

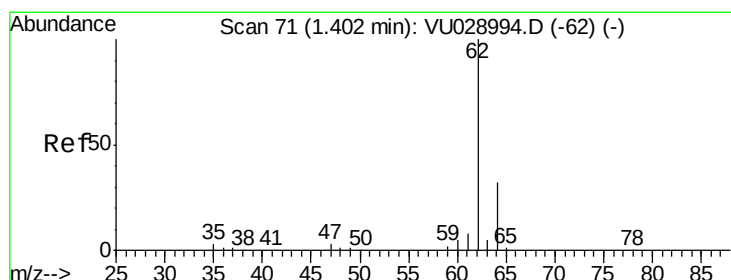
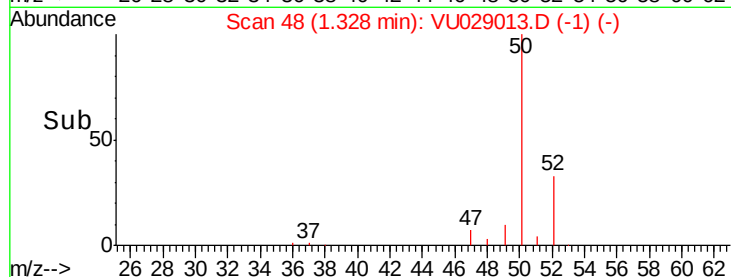
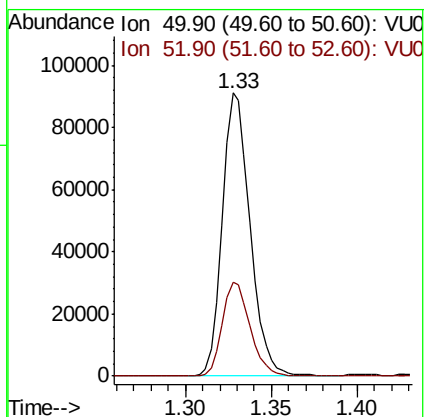
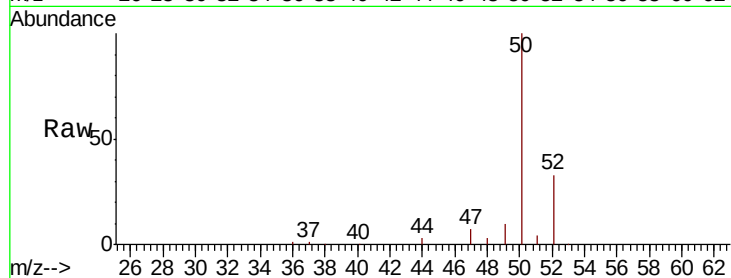
52 33.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.724 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU029013.D

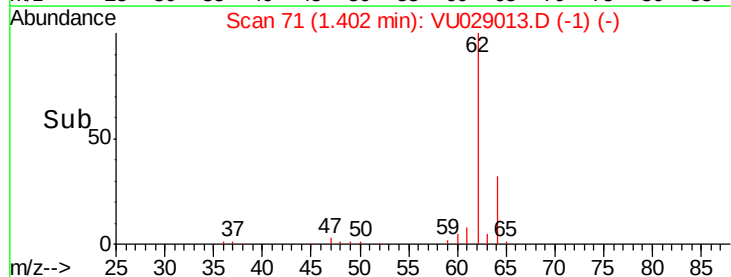
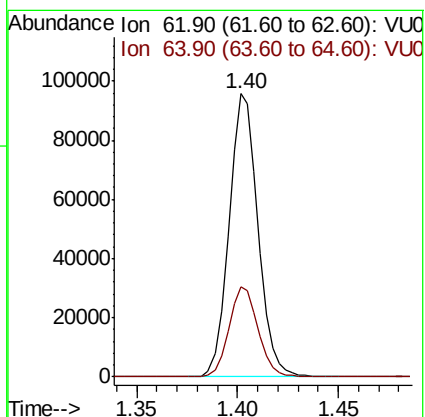
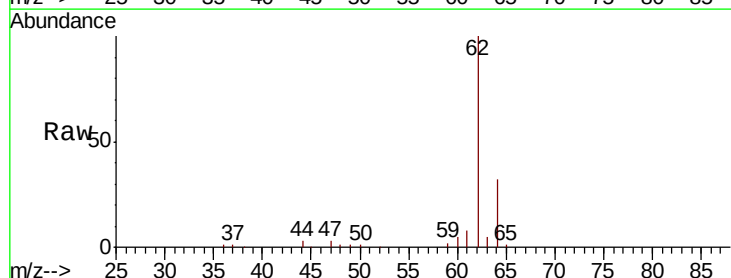
Acq: 03 Jan 2019 21:38

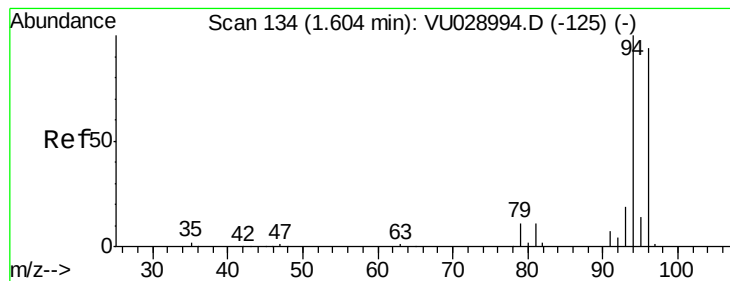
Tgt Ion: 62 Resp: 95738

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 58.893 ug/l

RT: 1.61 min Scan# 135

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 56624

Ion Ratio Lower Upper

94 100

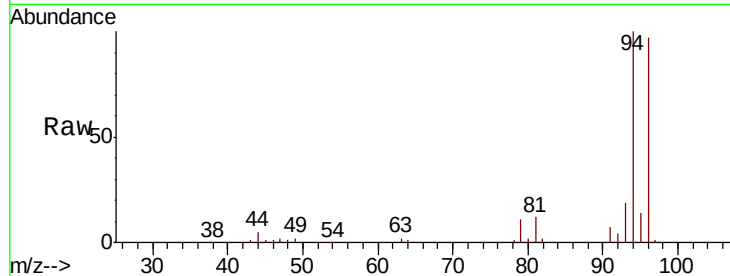
96 96.9 75.5 113.3

Manual Integrations

APPROVED

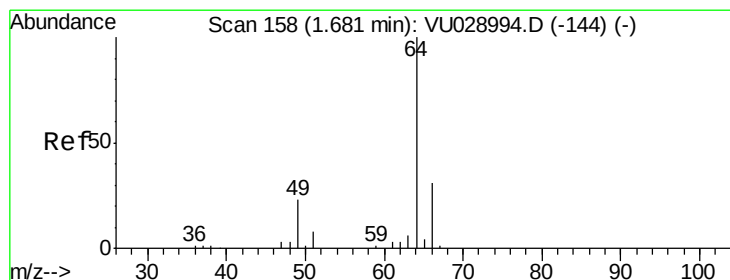
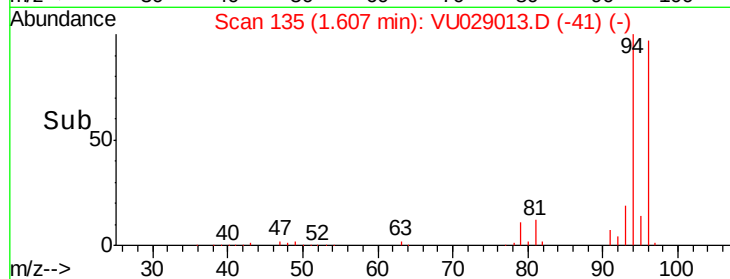
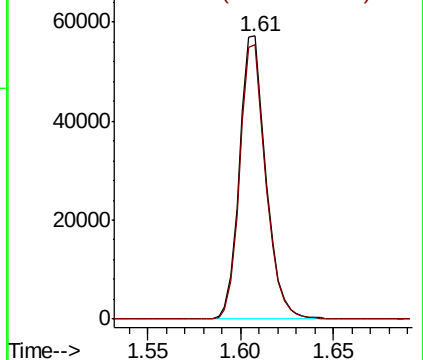
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 49.521 ug/l

RT: 1.68 min Scan# 159

Delta R.T. 0.00 min

Lab File: VU029013.D

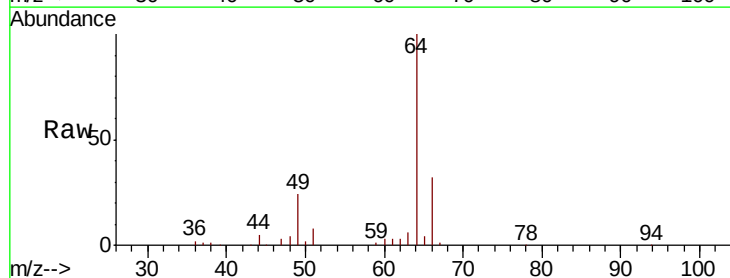
Acq: 03 Jan 2019 21:38

Tgt Ion: 64 Resp: 55673

Ion Ratio Lower Upper

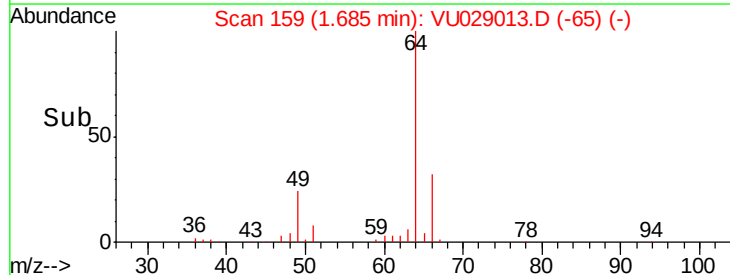
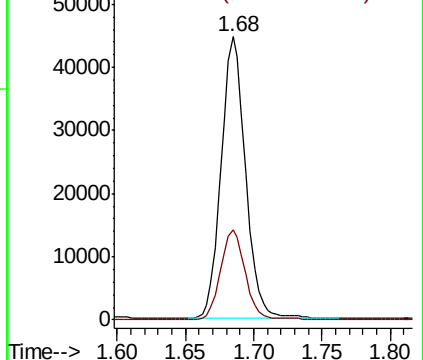
64 100

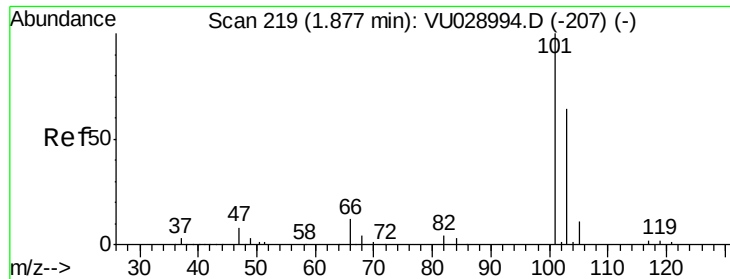
66 31.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

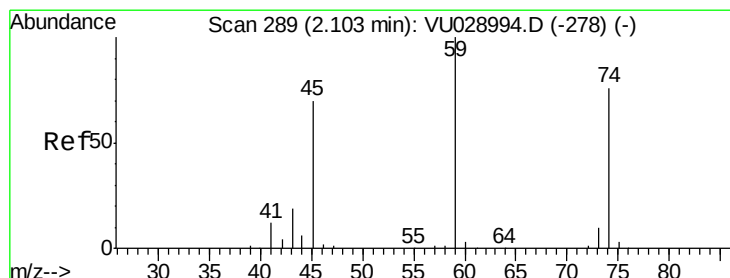
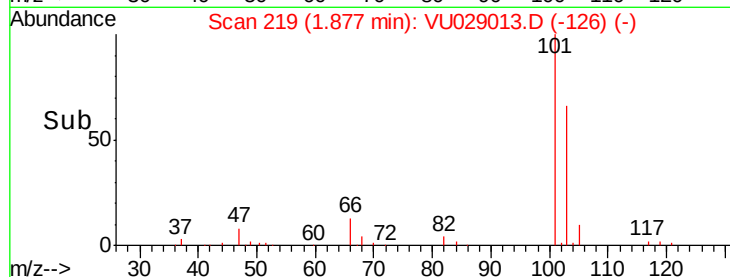
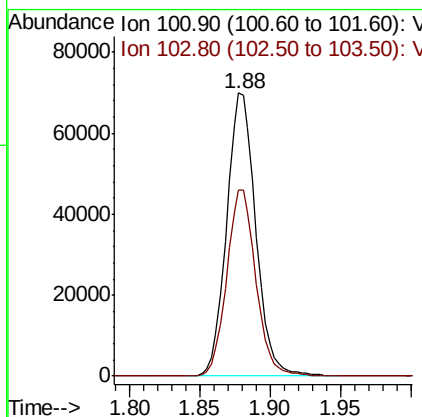
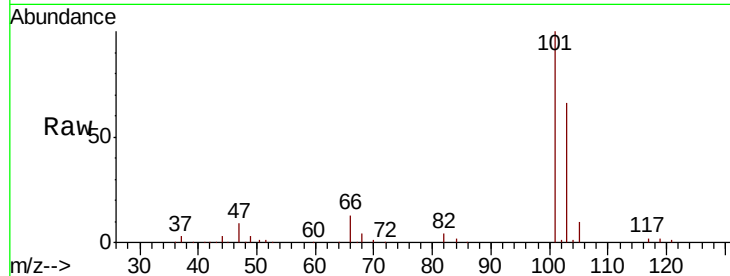
Trichlorofluoromethane
Concen: 49.195 ug/l
RT: 1.88 min Scan# 219
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

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Tgt Ion: 101 Resp: 101178
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

Manual Integrations
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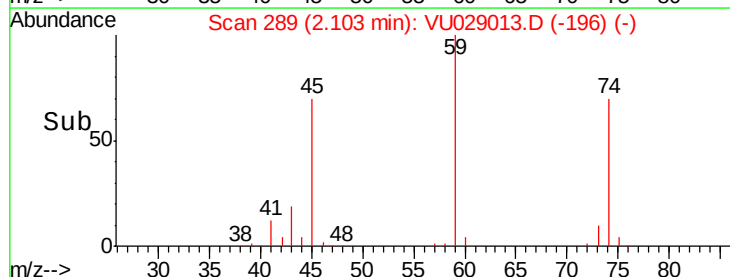
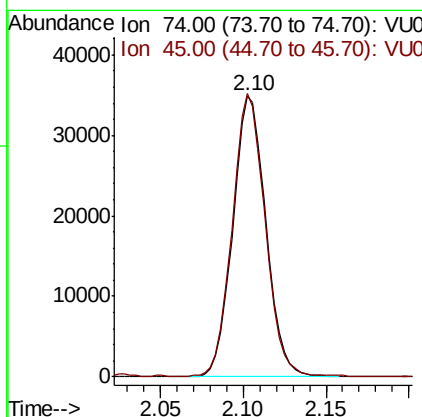
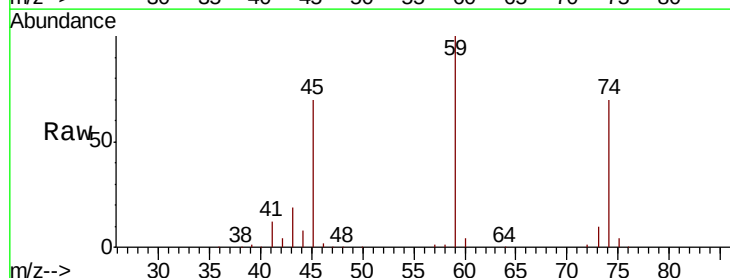
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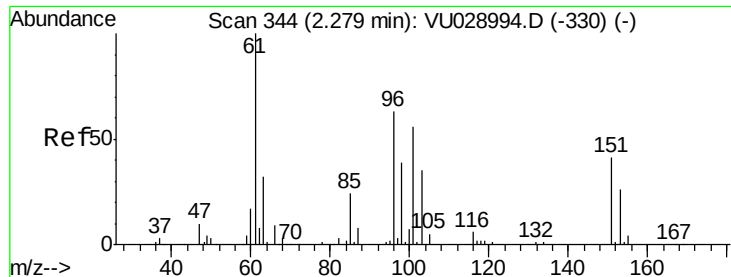


#8

Diethyl Ether
Concen: 48.878 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 74 Resp: 48295
Ion Ratio Lower Upper
74 100
45 100.4 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.867 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

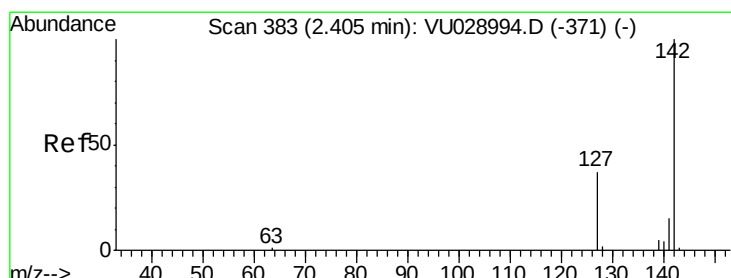
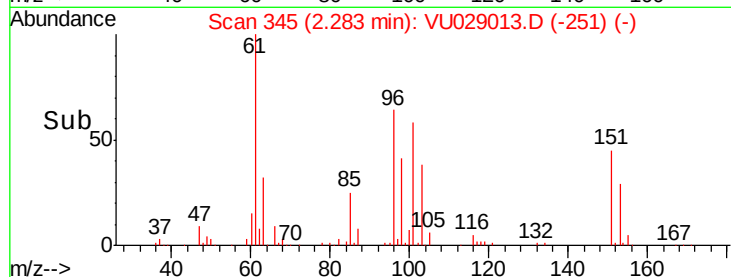
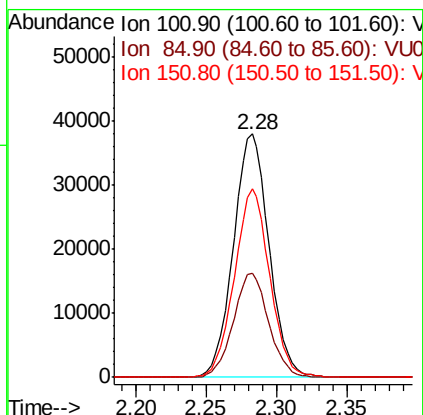
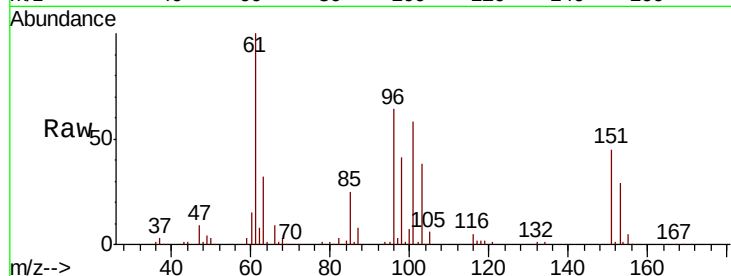
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	67246
Ion Ratio	Lower	Upper	
101	100		
85	42.4	35.1	52.7
151	76.5	60.2	90.2

Manual Integrations
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#10

Methyl Iodide

Concen: 58.156 ug/l

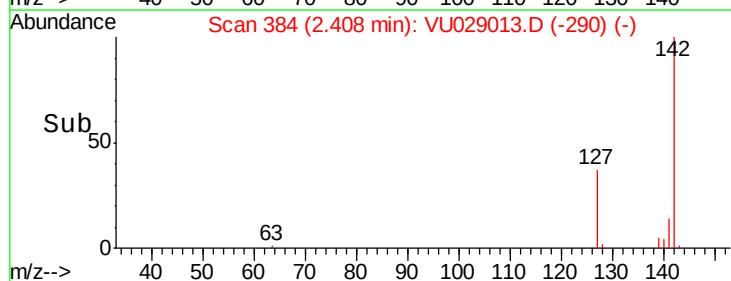
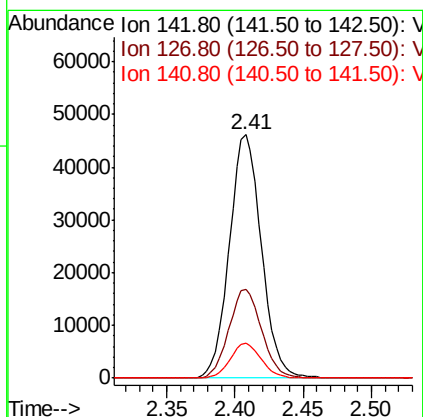
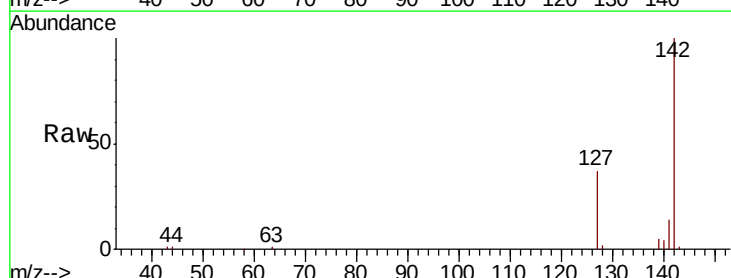
RT: 2.41 min Scan# 384

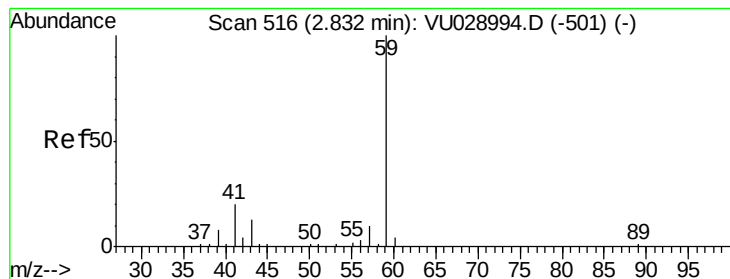
Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion:	142	Resp:	75249
Ion Ratio	Lower	Upper	
142	100		
127	37.3	29.8	44.6
141	13.9	11.5	17.3





#11

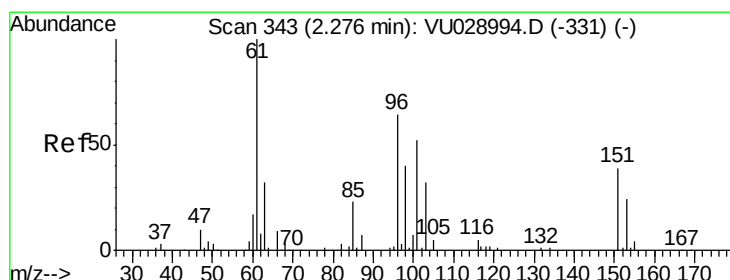
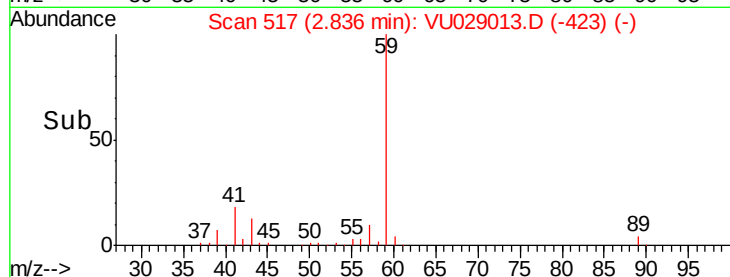
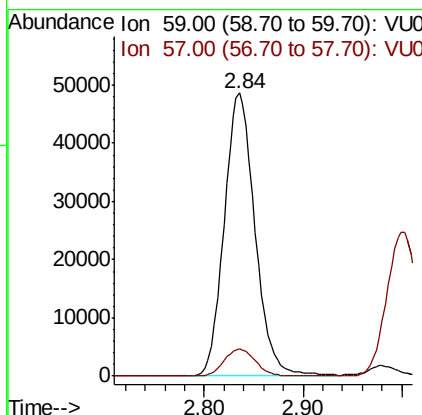
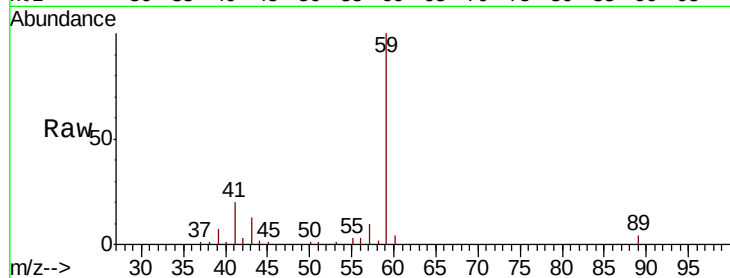
Tert butyl alcohol
Concen: 261.197 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.9	11.9

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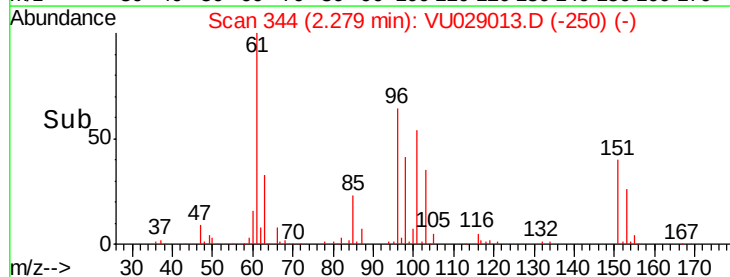
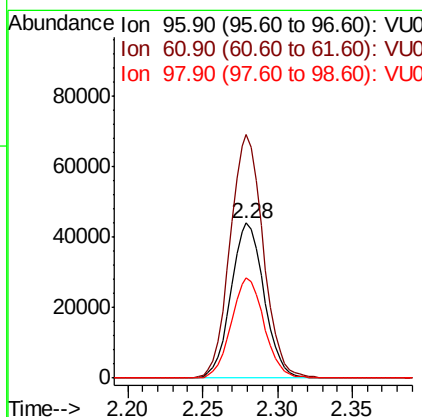
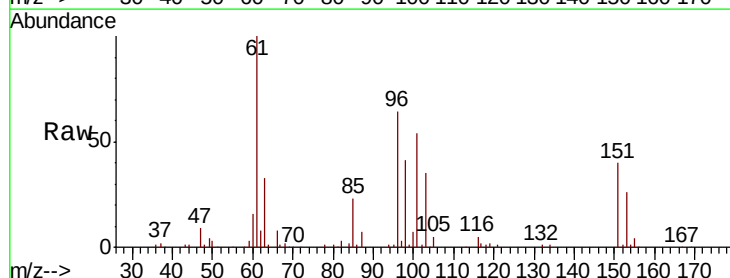
MMDadoda
1/4/2019 9:51:31 AM

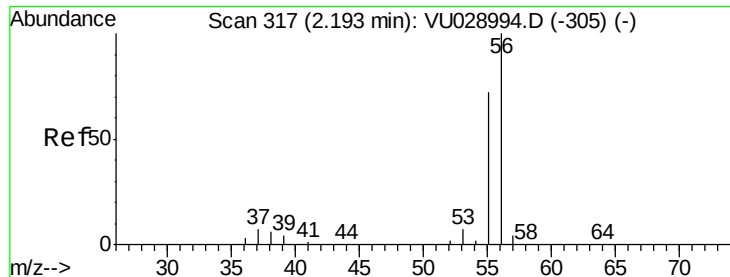


#12

1,1-Dichloroethene
Concen: 50.683 ug/l
RT: 2.28 min Scan# 344
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	125.4	188.0
98	64.3	49.7	74.5





#13

Acrolein

Concen: 239.353 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 72936

Ion Ratio Lower Upper

56 100

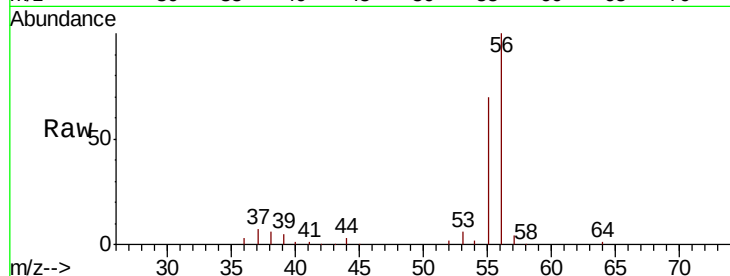
55 70.8 56.5 84.7

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Abundance Ion 56.00 (55.70 to 56.70): VU029013.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU029013.D (-224) (-)

2.19

50000

40000

30000

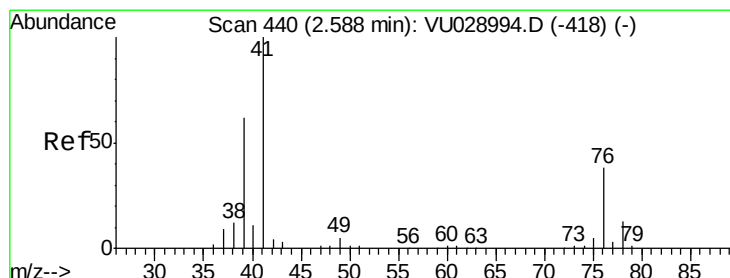
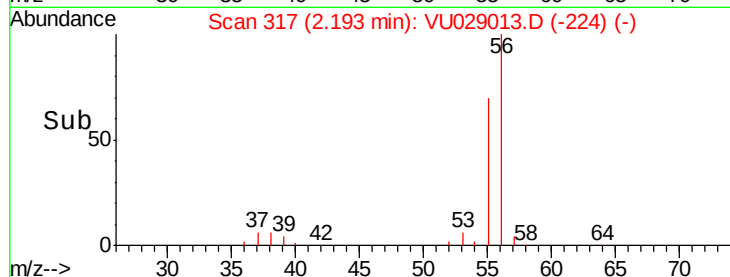
20000

10000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Allyl chloride

Concen: 52.840 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

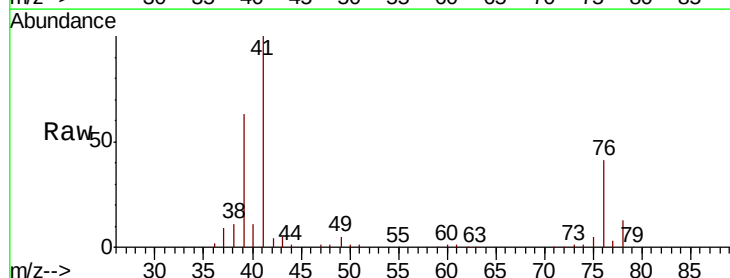
Tgt Ion: 41 Resp: 129863

Ion Ratio Lower Upper

41 100

39 56.0 45.0 67.6

76 34.6 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VU029013.D (-347) (-)

Ion 39.00 (38.70 to 39.70): VU029013.D (-347) (-)

Ion 75.90 (75.60 to 76.60): VU029013.D (-347) (-)

150000

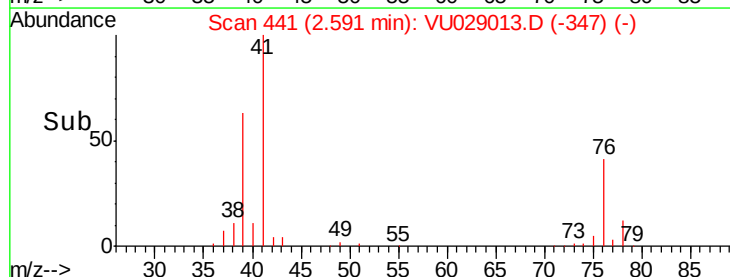
100000

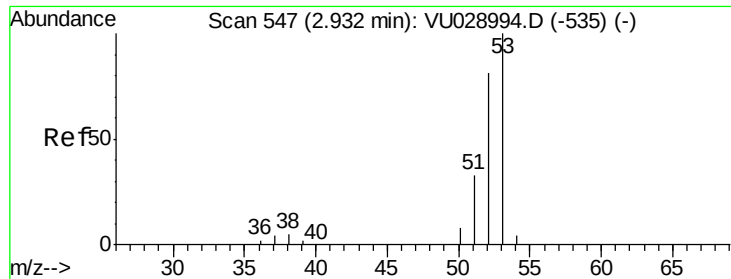
50000

0

Time-->

2.50 2.55 2.60 2.70





#15

Acrylonitrile

Concen: 263.779 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

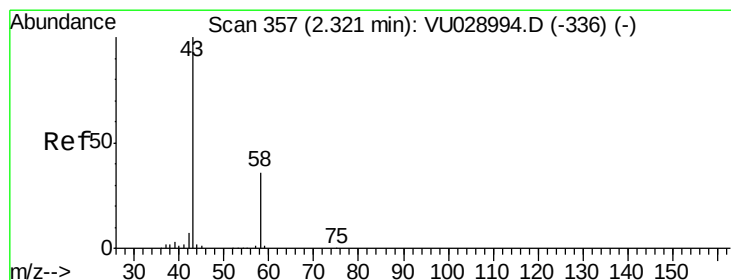
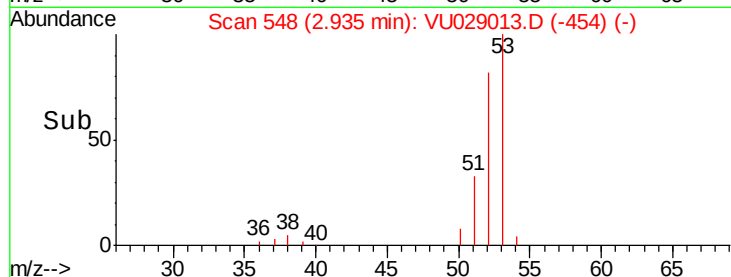
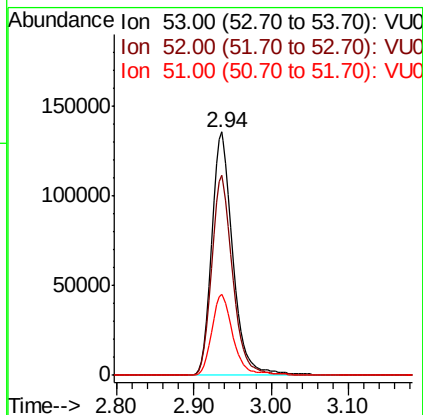
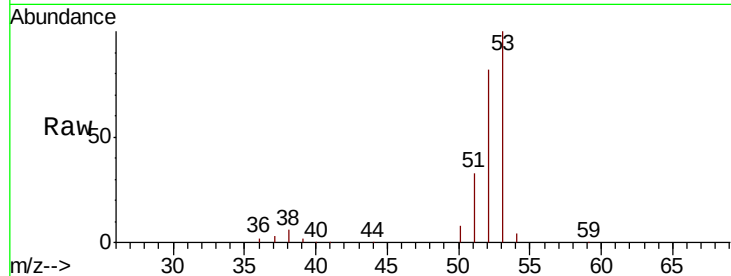
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	262618
Ion	Ratio	Lower	Upper
53	100		
52	81.3	64.8	97.2
51	33.8	27.3	40.9

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#16

Acetone

Concen: 202.342 ug/l

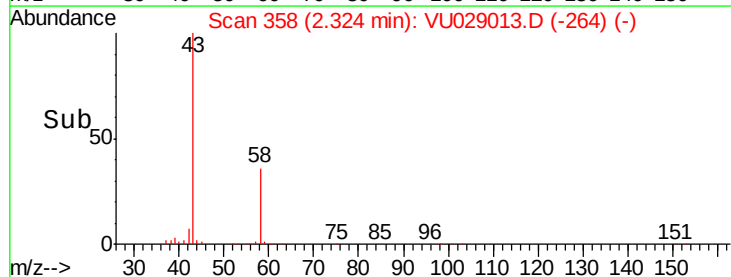
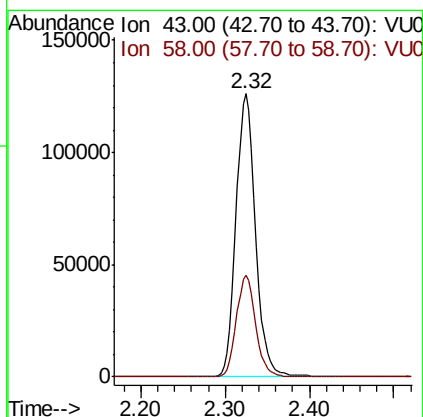
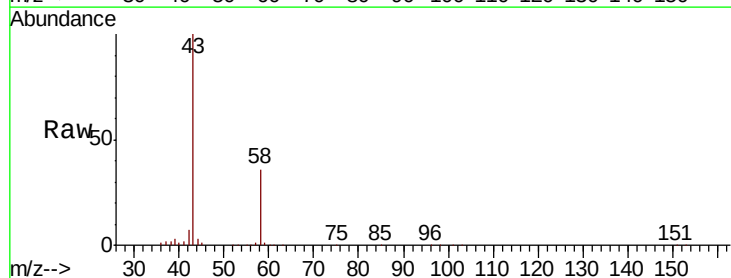
RT: 2.32 min Scan# 358

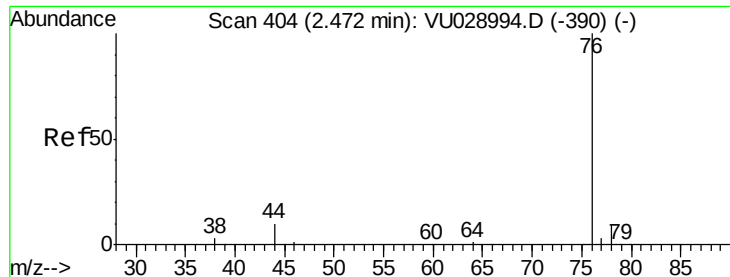
Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion:	43	Resp:	203505
Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8





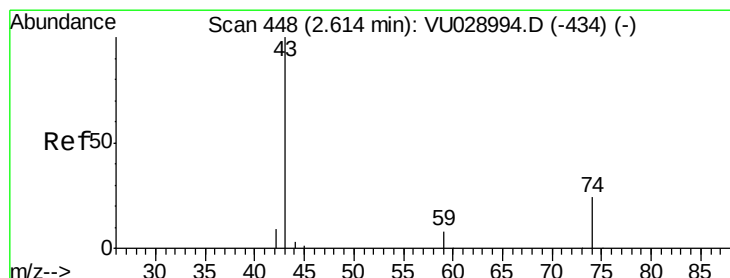
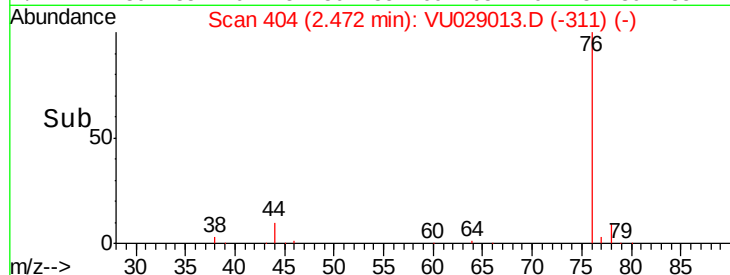
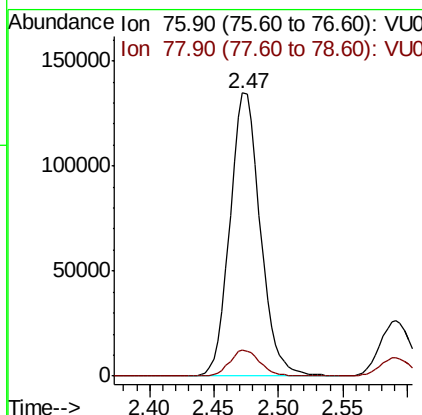
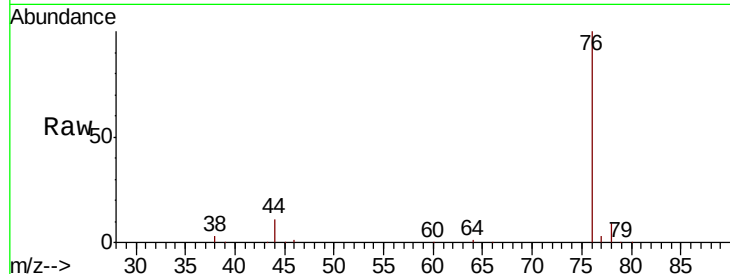
#17
Carbon Disulfide
Concen: 49.830 ug/l
RT: 2.47 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 221028
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

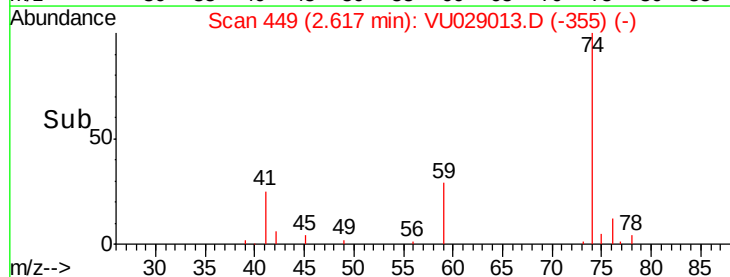
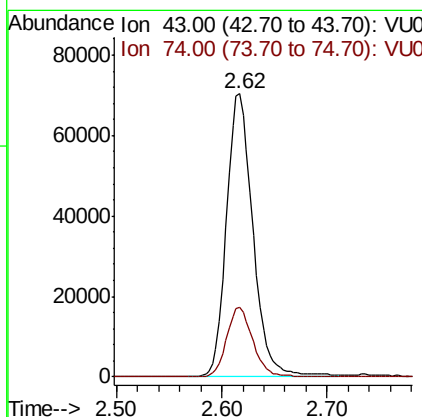
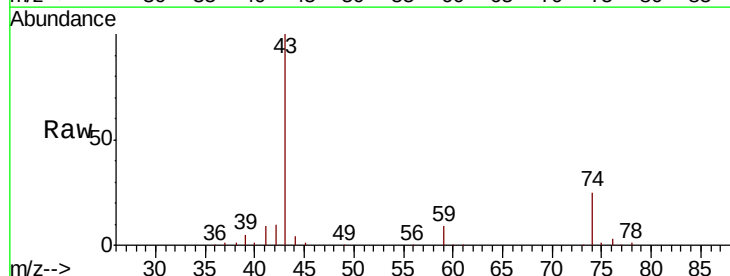
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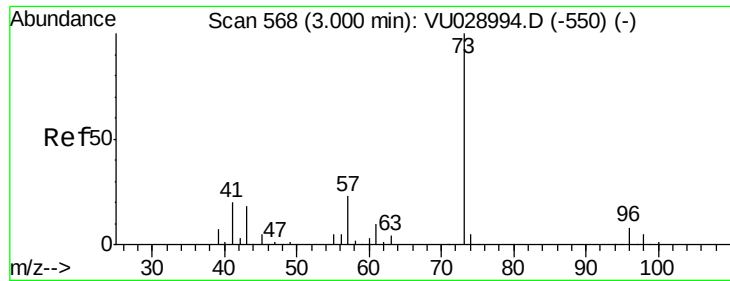
MMDadoda
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#18
Methyl Acetate
Concen: 52.365 ug/l
RT: 2.62 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 43 Resp: 122457
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3





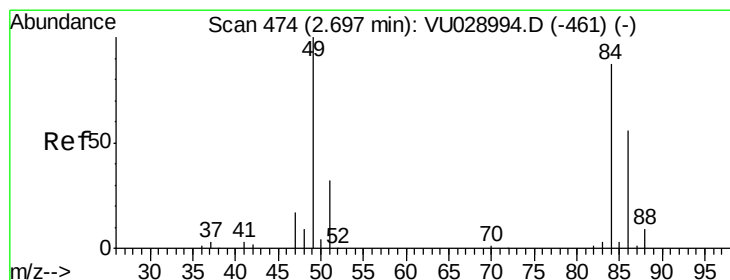
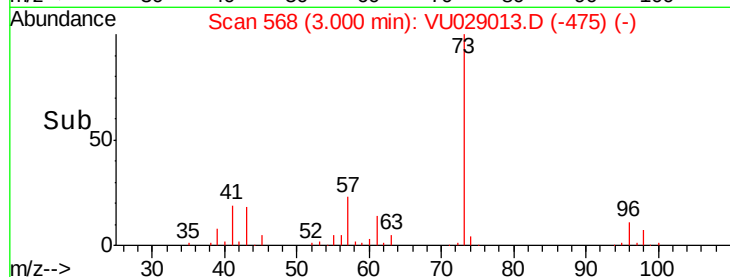
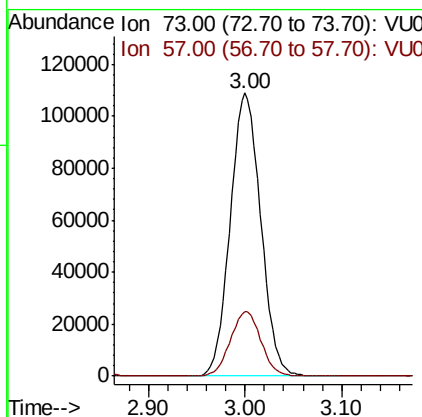
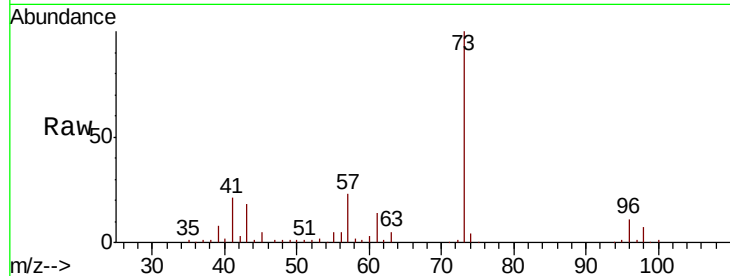
#19
Methyl tert-butyl Ether
Concen: 50.556 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 238074
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0

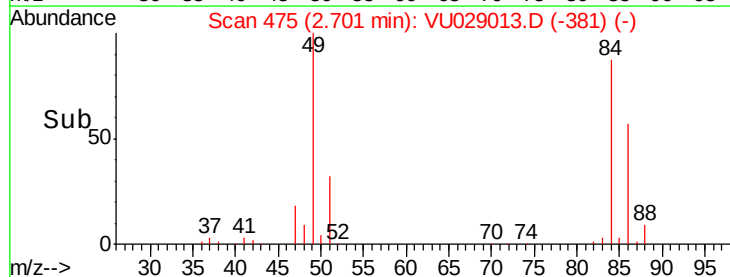
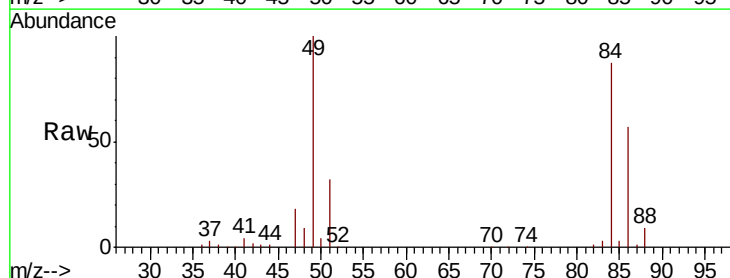
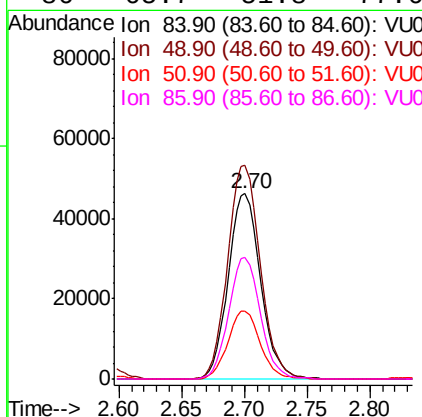
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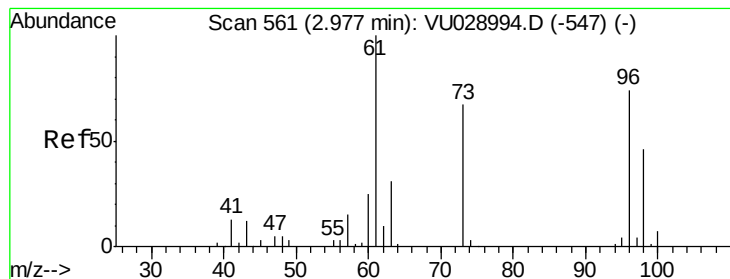
MMDadoda
1/4/2019 9:51:31 AM



#20
Methylene Chloride
Concen: 48.734 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 84 Resp: 83218
Ion Ratio Lower Upper
84 100
49 115.4 91.9 137.9
51 36.6 29.2 43.8
86 65.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 48.599 ug/l

RT: 2.98 min Scan# 562

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 75630

Ion Ratio Lower Upper

96 100

61 138.9 107.7 161.5

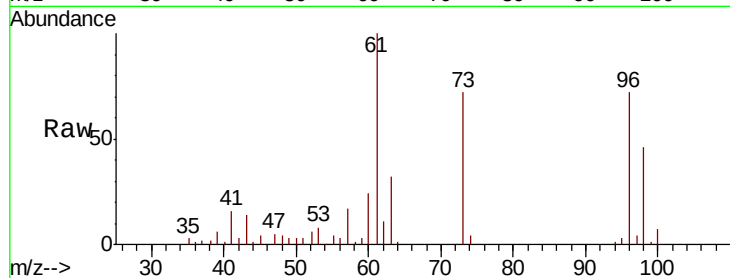
98 64.5 49.2 73.8

Manual Integrations

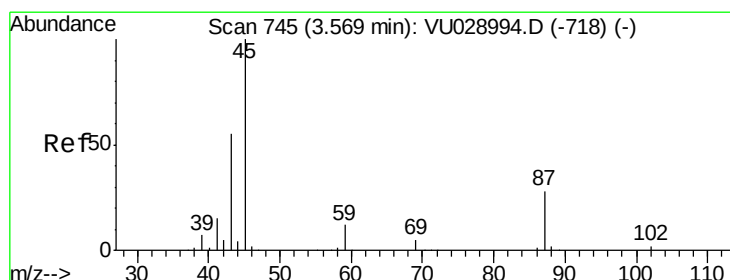
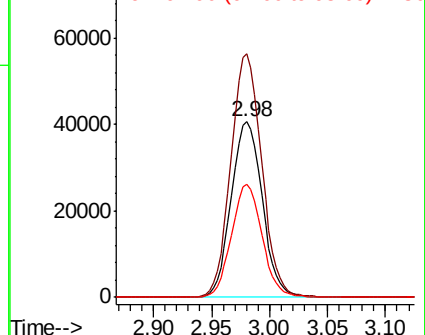
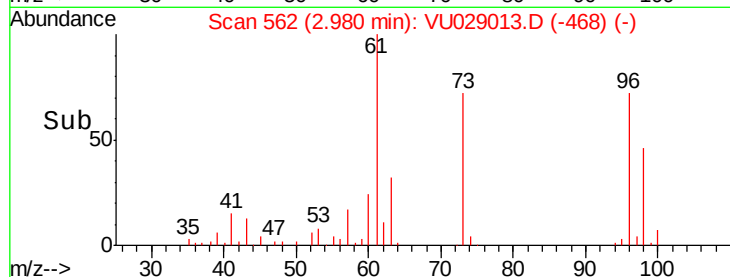
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Abundance Ion 95.90 (95.60 to 96.60): VU029013.D (-468) (-)



#22

Diisopropyl ether

Concen: 52.213 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion: 45 Resp: 253611

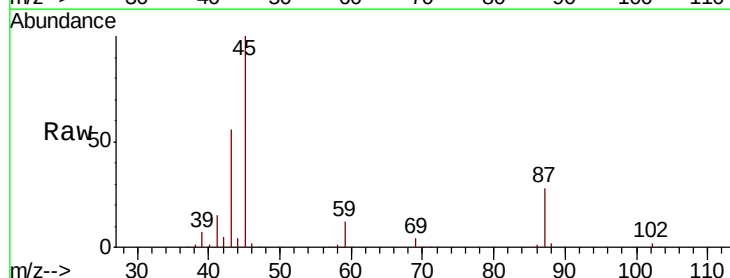
Ion Ratio Lower Upper

45 100

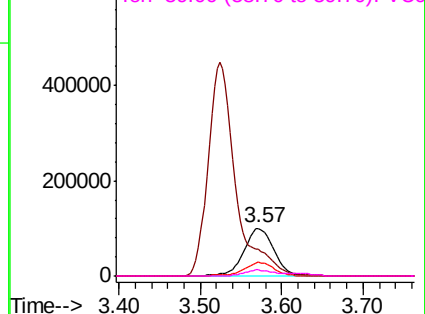
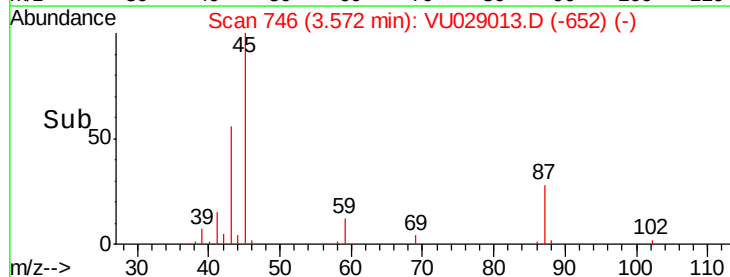
43 54.6 44.7 67.1

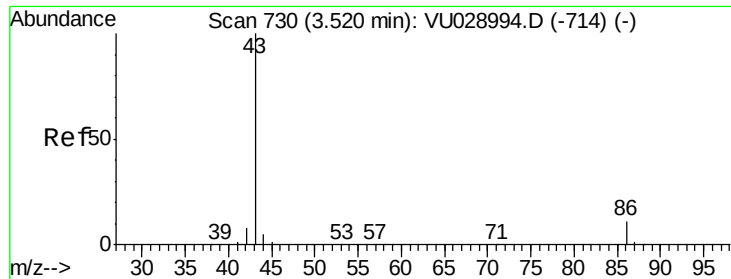
87 28.4 22.2 33.2

59 12.3 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VU029013.D (-652) (-)





#23

Vinyl Acetate

Concen: 267.580 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1062516

Ion Ratio Lower Upper

43 100

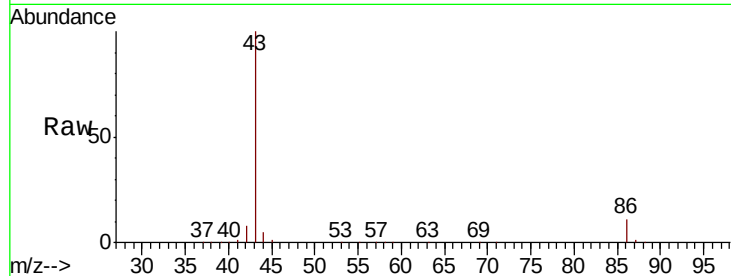
86 10.5 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU028994.D (-714) (-)

3.52

500000

400000

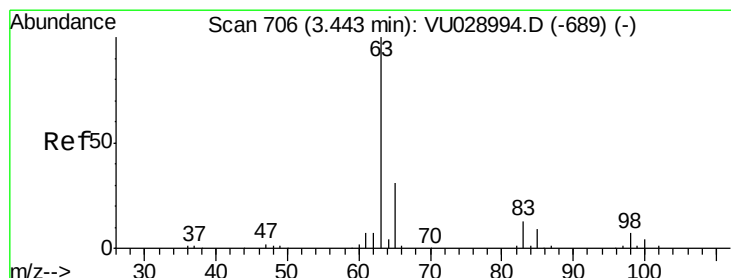
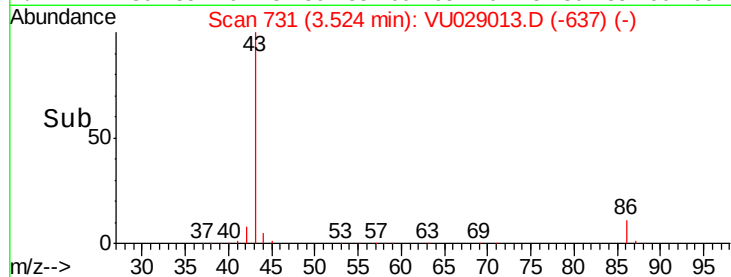
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.396 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

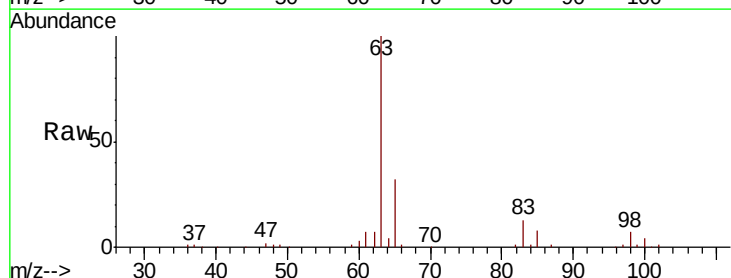
Tgt Ion: 63 Resp: 144112

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU028994.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU028994.D (-689) (-)

3.44

80000

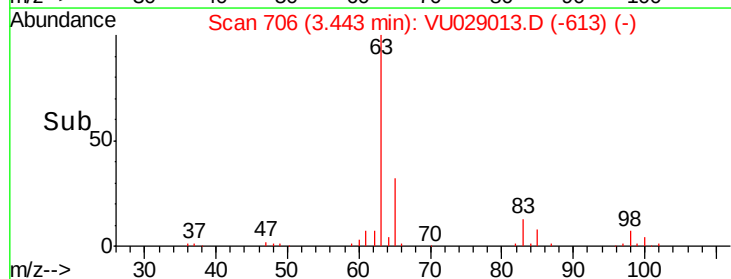
60000

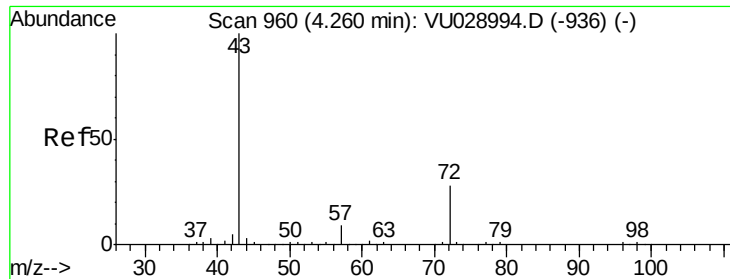
40000

20000

0

Time-->





#25

2-Butanone

Concen: 254.452 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 345649

Ion Ratio Lower Upper

43 100

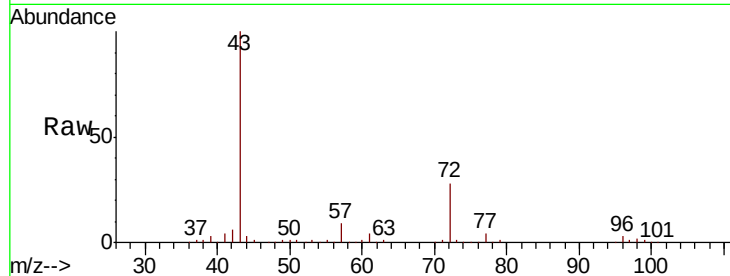
72 28.2 22.6 33.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU028994.D (-936) (-)

4.26

150000

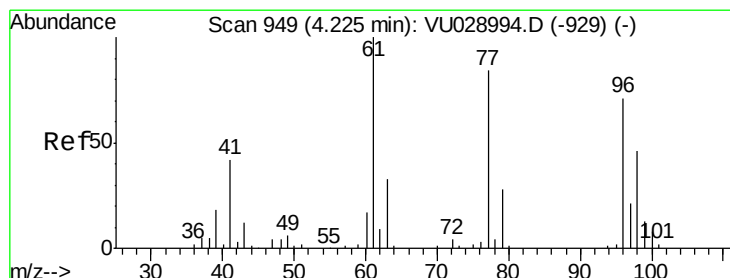
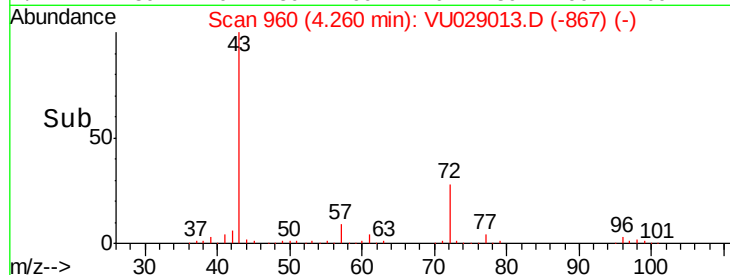
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 45.993 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU029013.D

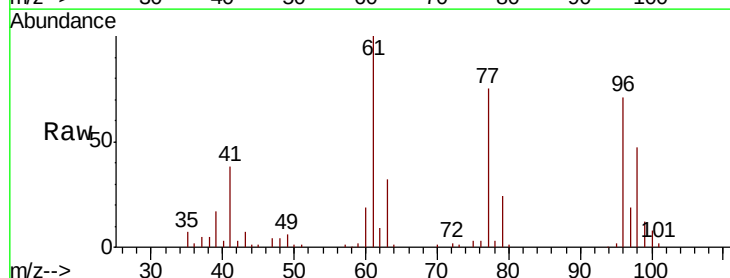
Acq: 03 Jan 2019 21:38

Tgt Ion: 77 Resp: 104204

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028994.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU028994.D (-929) (-)

4.22

40000

30000

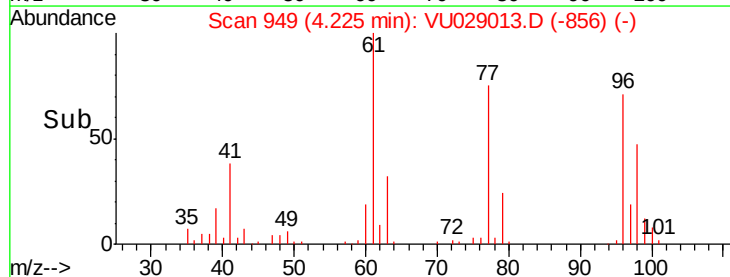
20000

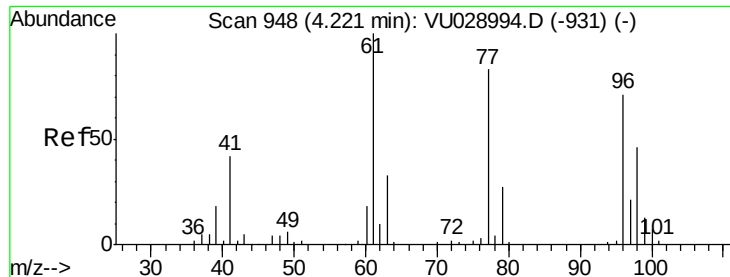
10000

0

4.10 4.20 4.30

Time-->





#27

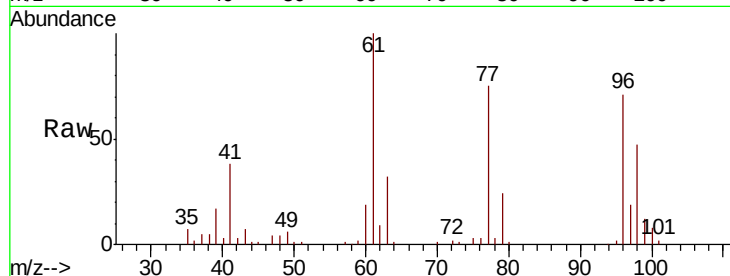
cis-1,2-Dichloroethene
 Concen: 51.348 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	87397		
61	141.2	0.0	285.6	
98	64.8	0.0	130.2	

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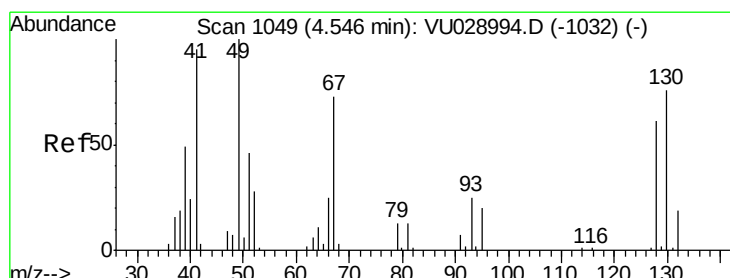
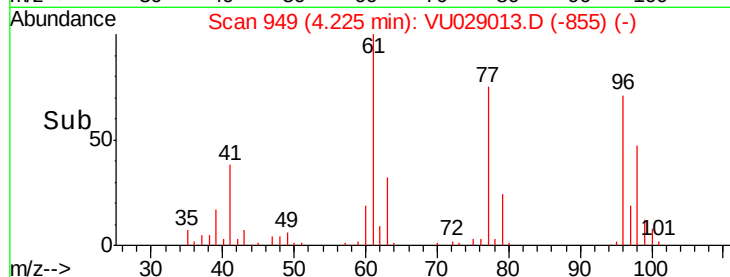
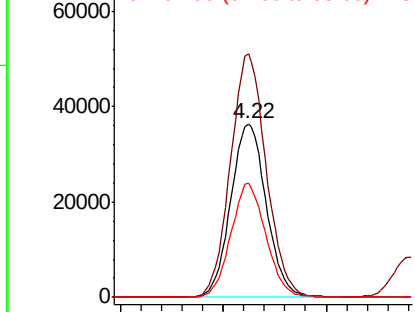


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

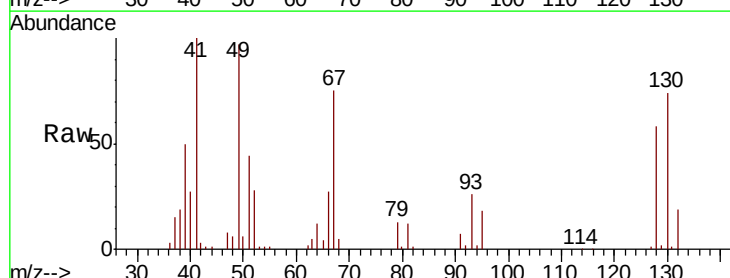
Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane
 Concen: 52.053 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	62497		
129	1.7	0.0	3.4	
130	77.4	62.9	94.3	

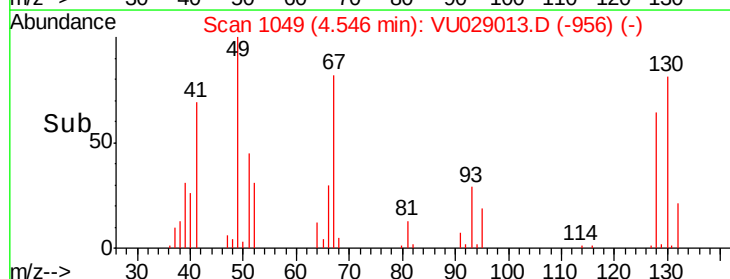
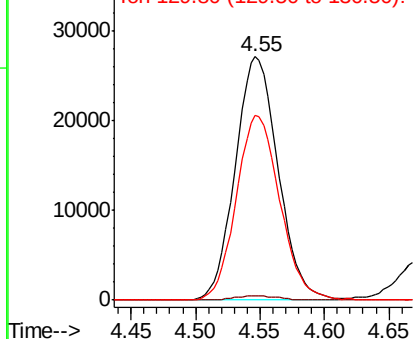


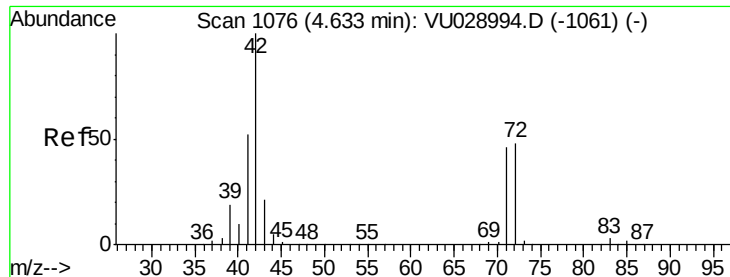
Abundance

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





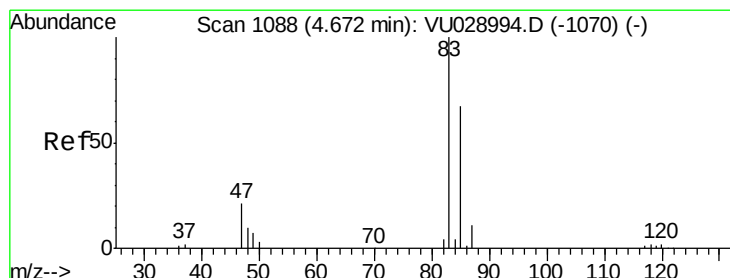
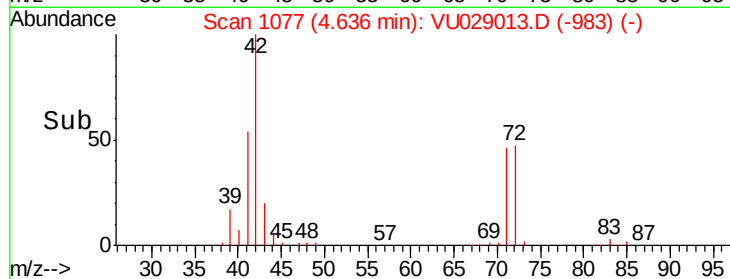
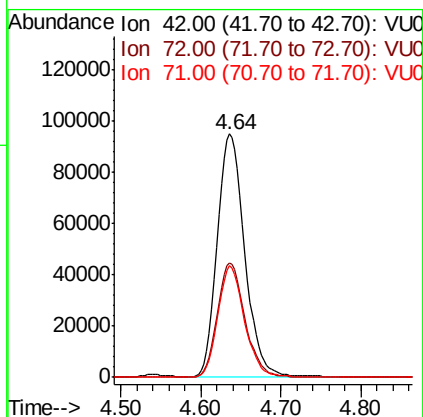
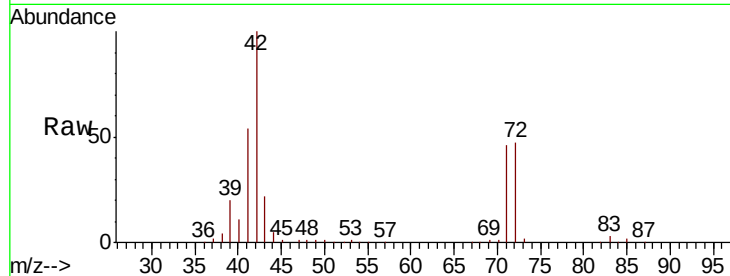
#29
Tetrahydrofuran
Concen: 272.270 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.3	57.5
71	44.5	36.1	54.1

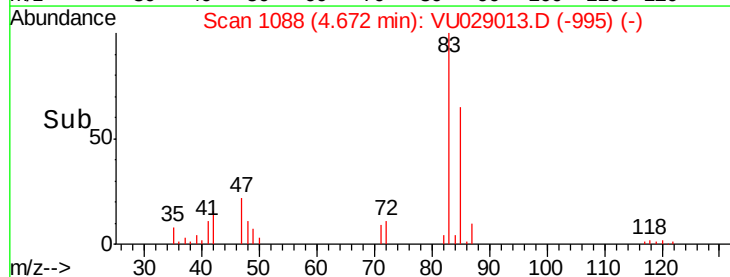
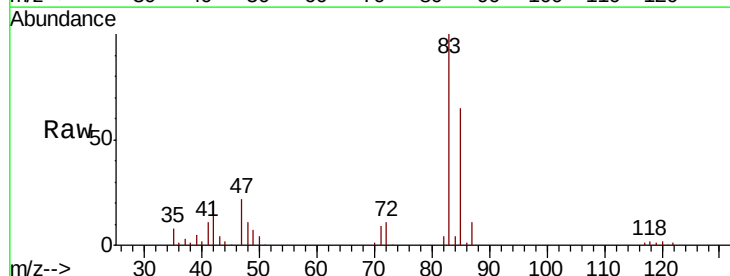
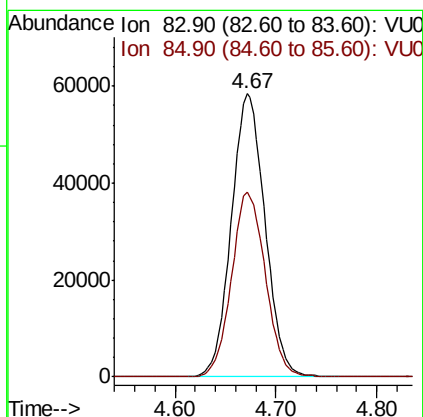
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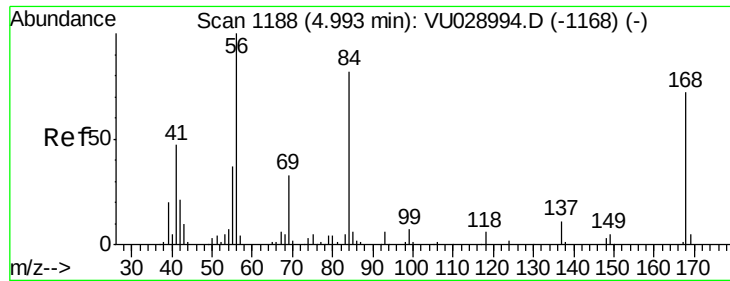
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#30
Chloroform
Concen: 50.712 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.4	80.0





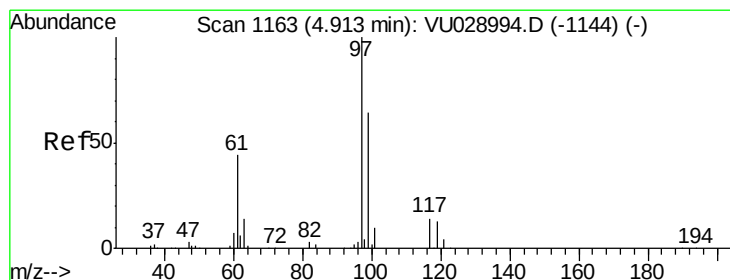
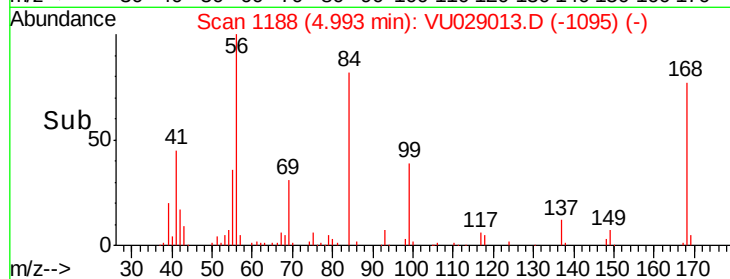
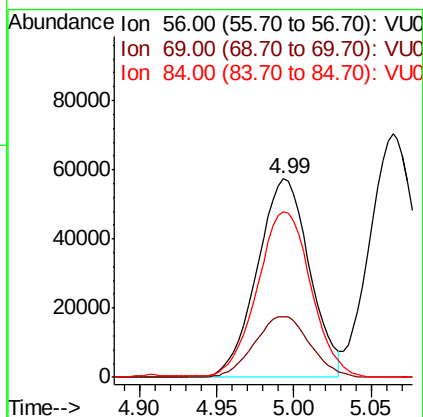
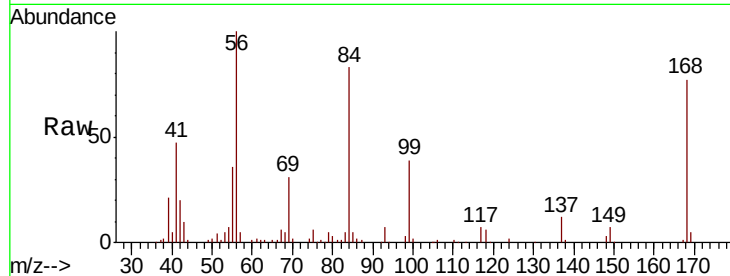
#31
Cyclohexane
Concen: 51.188 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.7	40.1
84	82.7	65.7	98.5

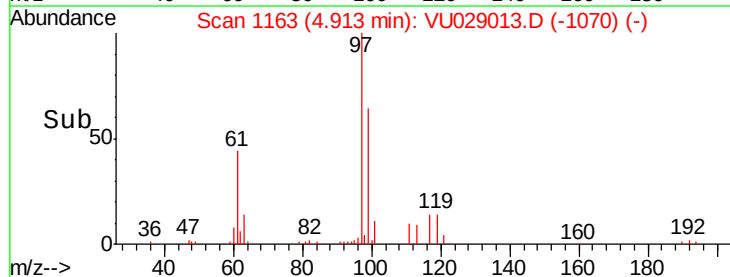
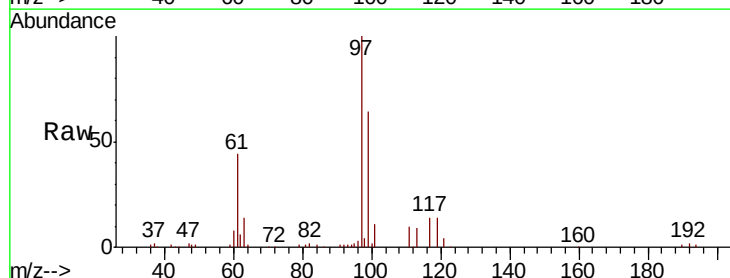
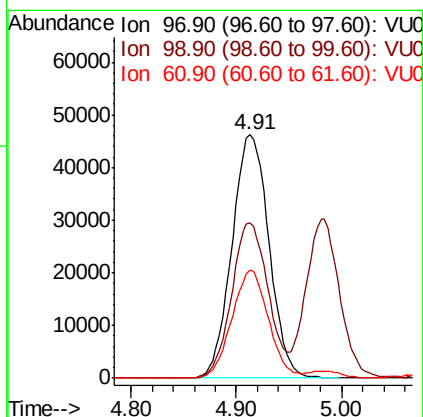
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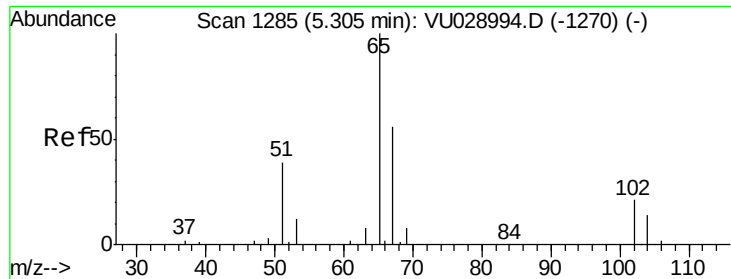
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#32
1,1,1-Trichloroethane
Concen: 51.049 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.4
61	43.7	34.4	51.6





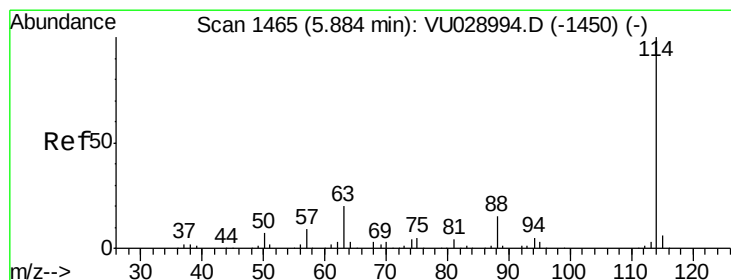
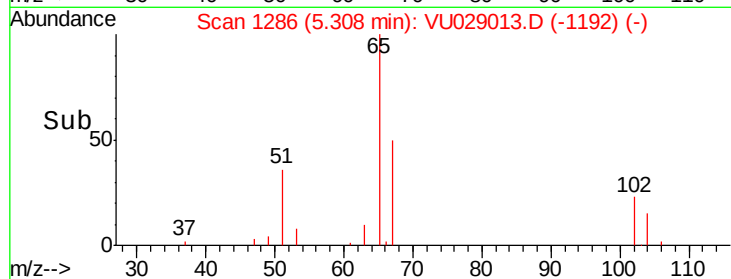
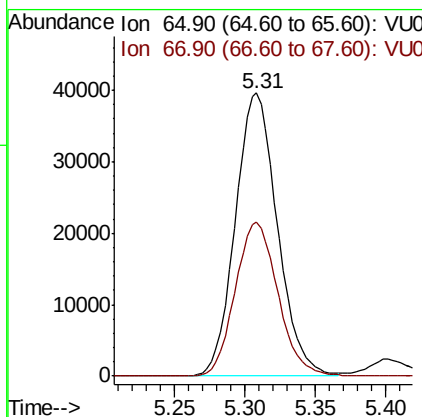
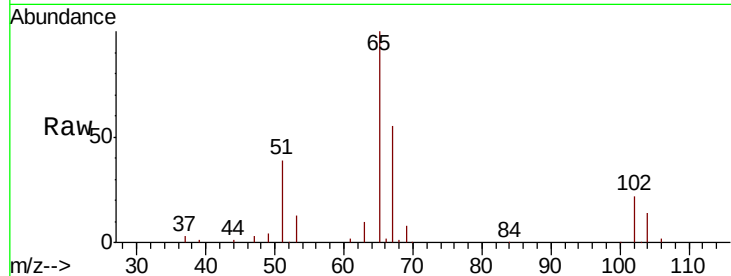
#33
 1,2-Dichloroethane-d4
 Concen: 51.825 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 82740
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0

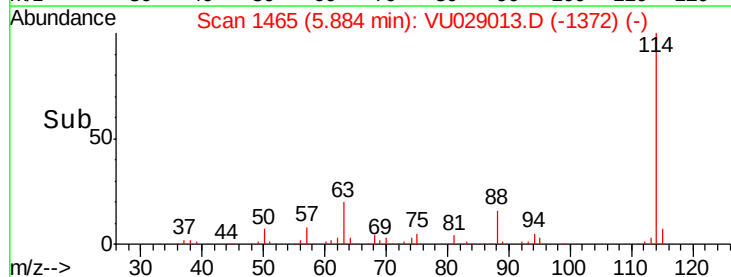
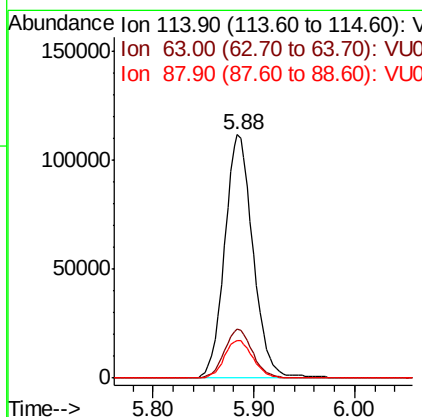
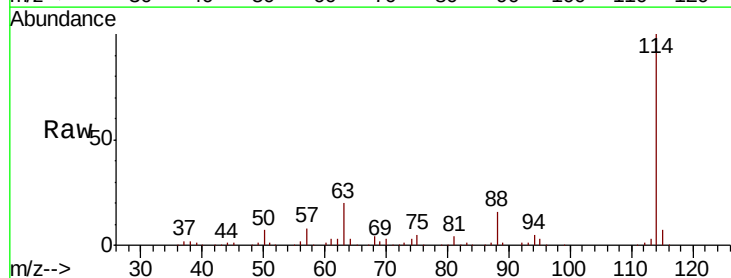
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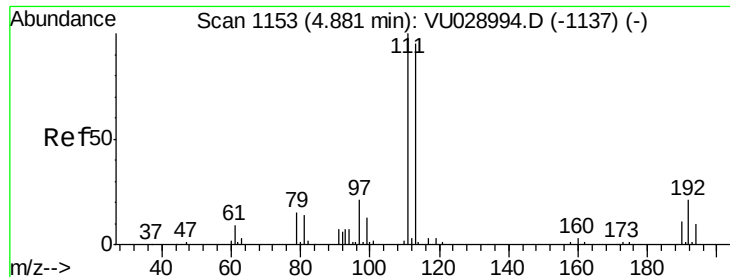
MMDadoda
 1/4/2019 9:51:31 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 114 Resp: 219026
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 15.7 0.0 30.4





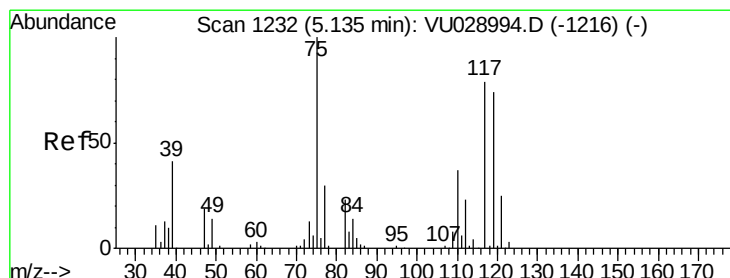
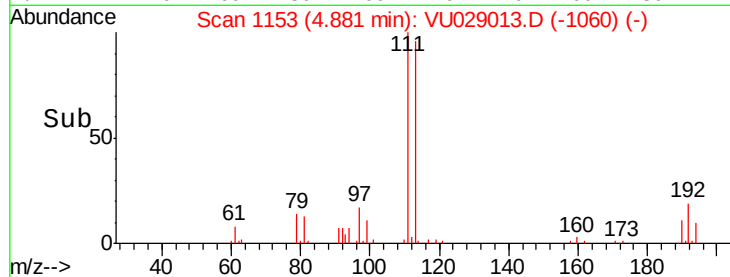
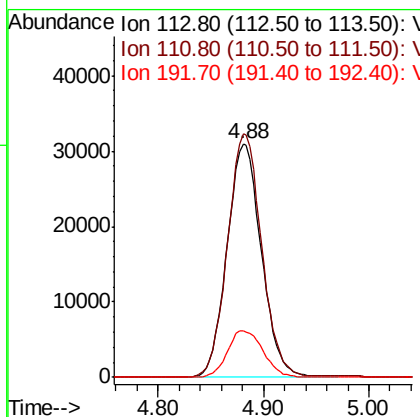
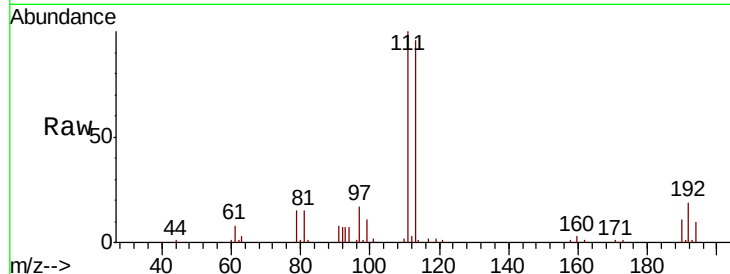
#35
 Dibromofluoromethane
 Concen: 49.376 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	70104		
111	103.5	81.4	122.2	
192	20.7	16.8	25.2	

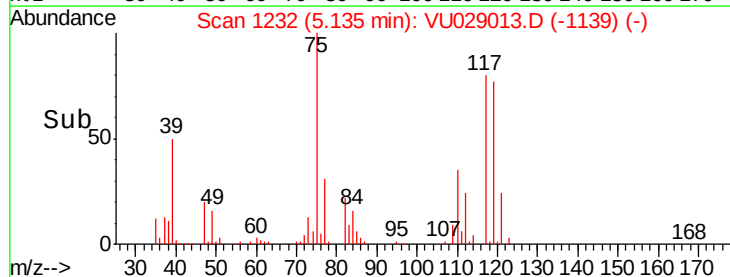
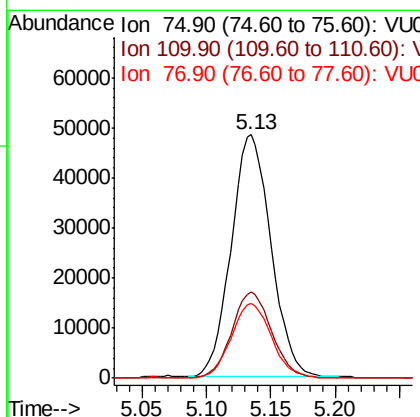
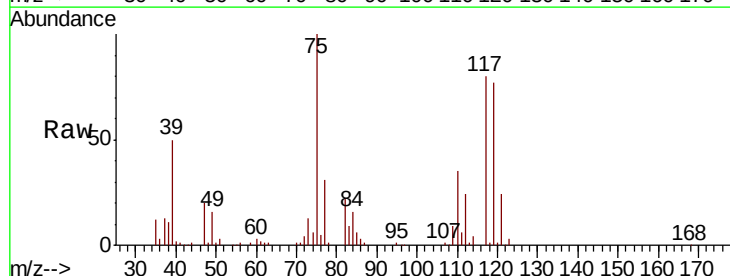
Manual Integrations
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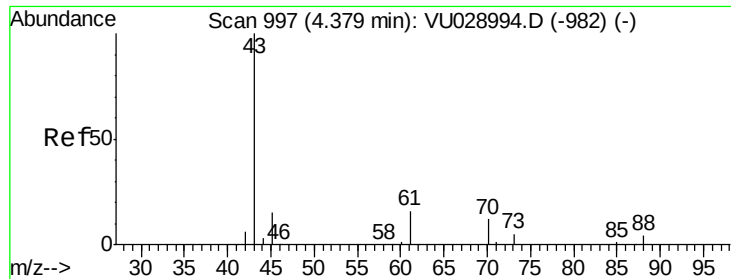
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 47.394 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103758		
110	35.7	18.4	55.4	
77	31.2	25.1	37.7	





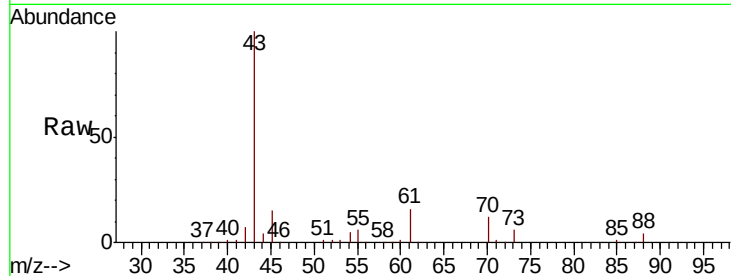
#37
Ethyl Acetate
Concen: 51.589 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

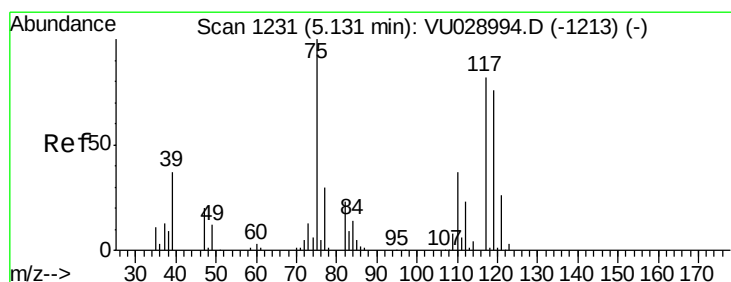
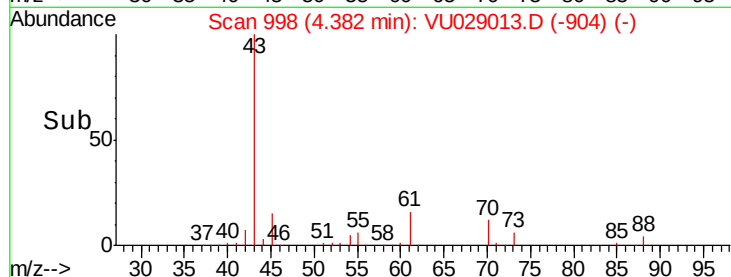
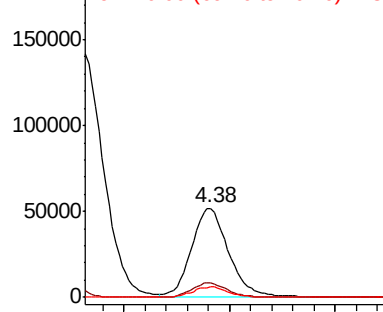
Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.6	18.8
70	11.5	9.3	13.9

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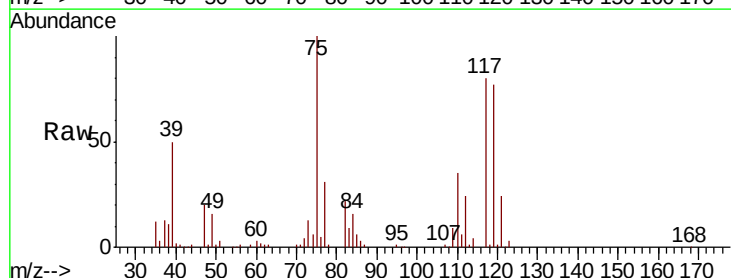


Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-982) (-)

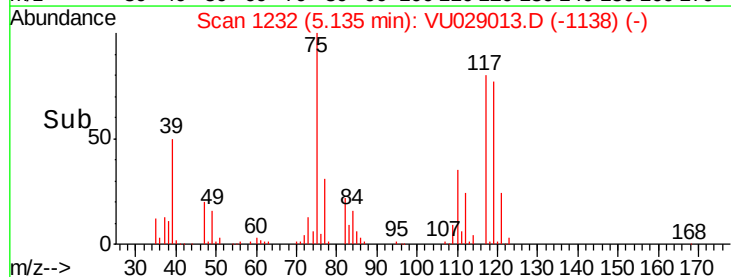
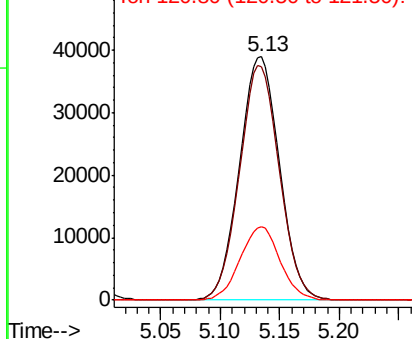


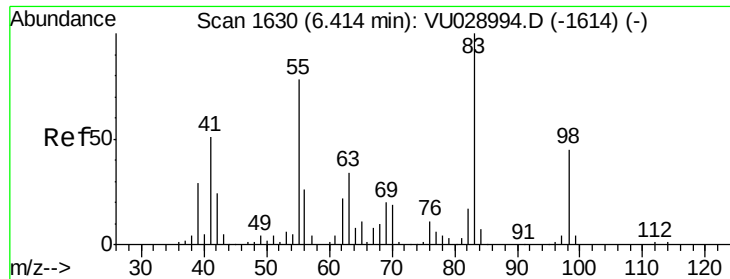
#38
Carbon Tetrachloride
Concen: 49.732 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	111.8
121	30.3	25.0	37.6



Abundance Ion 116.80 (116.50 to 117.50): VU028994.D (-1213) (-)





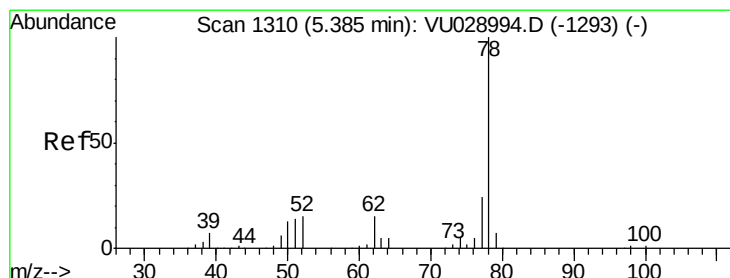
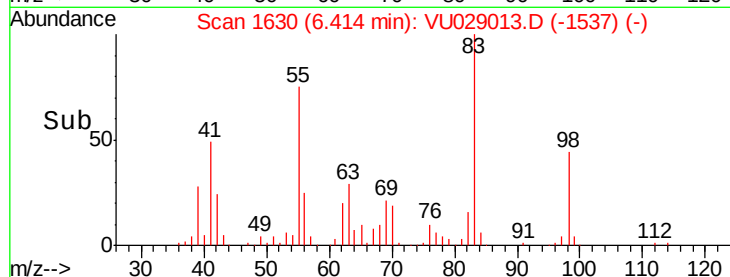
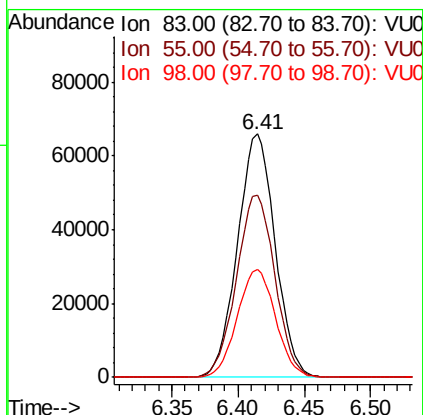
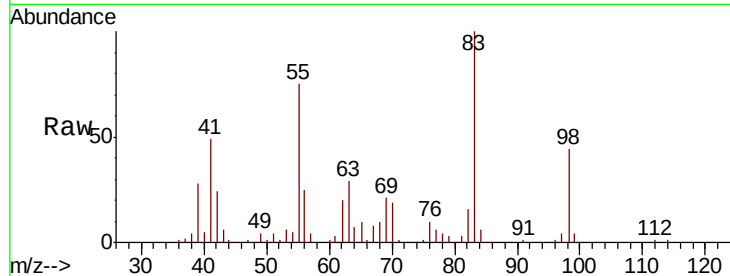
#39
Methylcyclohexane
Concen: 48.423 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	130326		
55	74.7	62.4	93.6	
98	44.4	36.2	54.2	

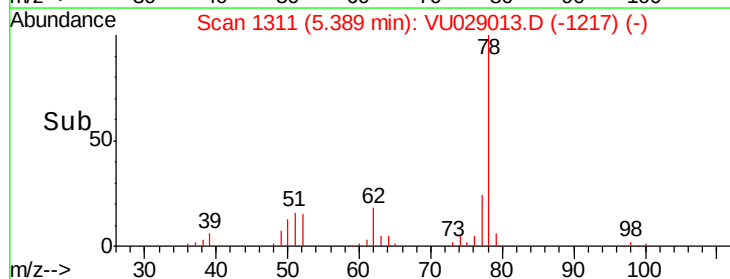
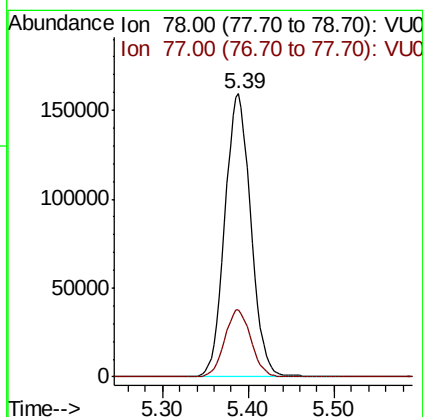
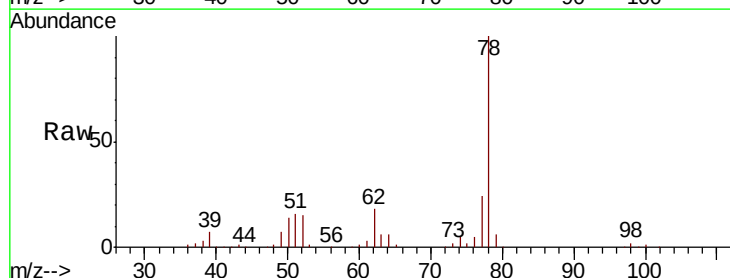
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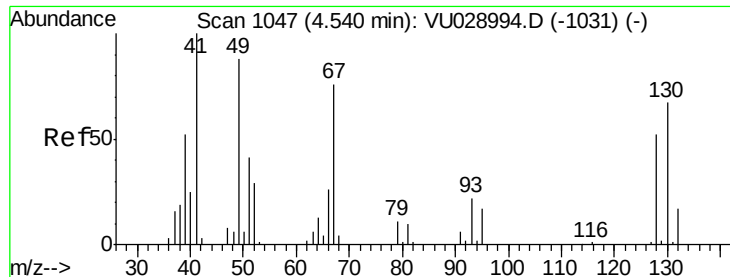
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#40
Benzene
Concen: 48.933 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	334156		
77	23.7	18.9	28.3	





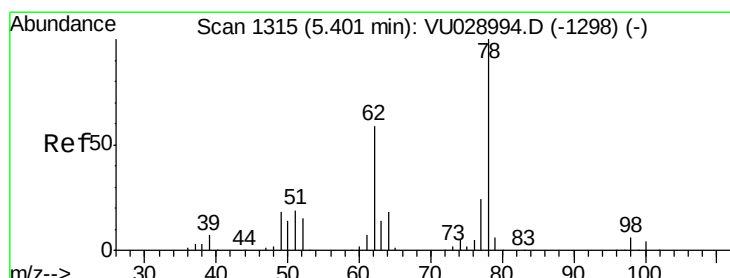
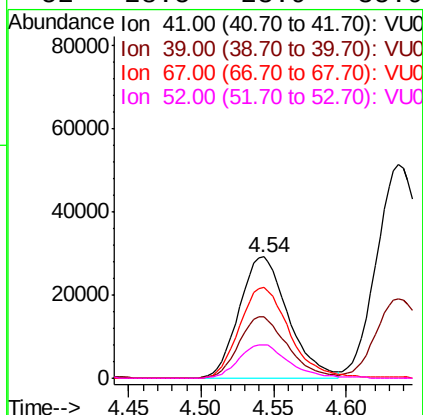
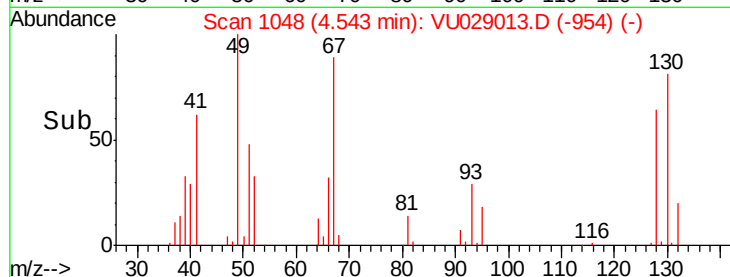
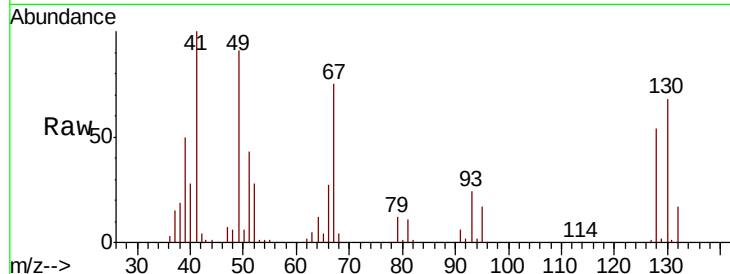
#41
Methacrylonitrile
Concen: 53.280 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.3	63.5
67	77.0	64.4	96.6
52	28.5	23.9	35.9

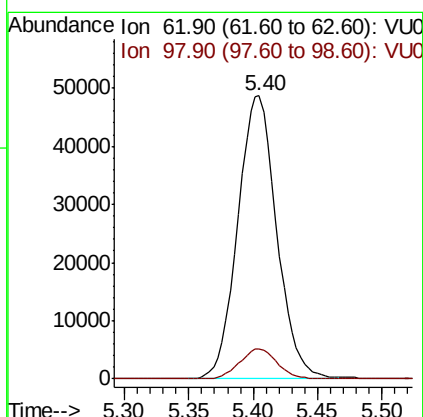
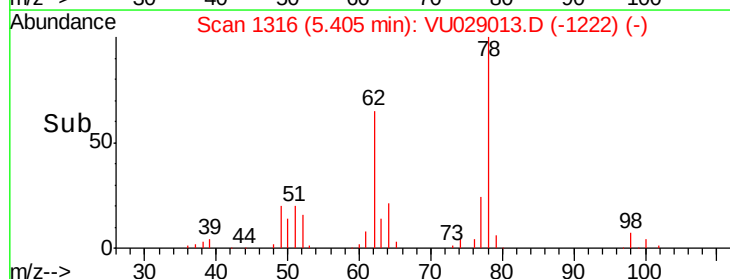
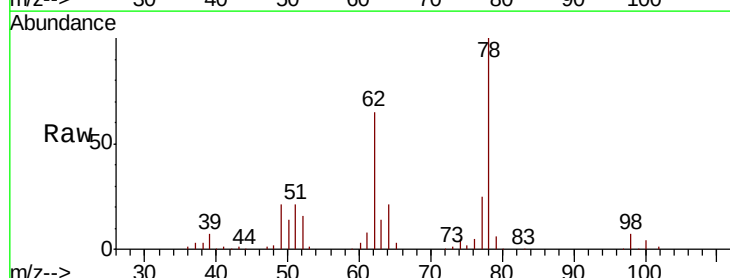
Manual Integrations
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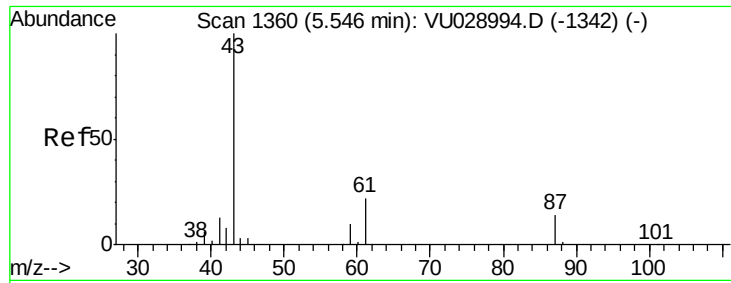
MMDadoda
1/4/2019 9:51:31 AM



#42
1,2-Dichloroethane
Concen: 49.921 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





#43

Isopropyl Acetate

Concen: 52.380 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

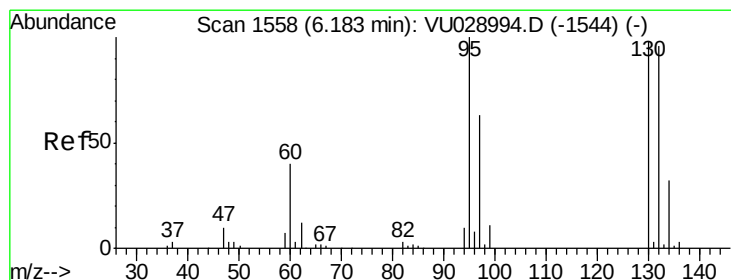
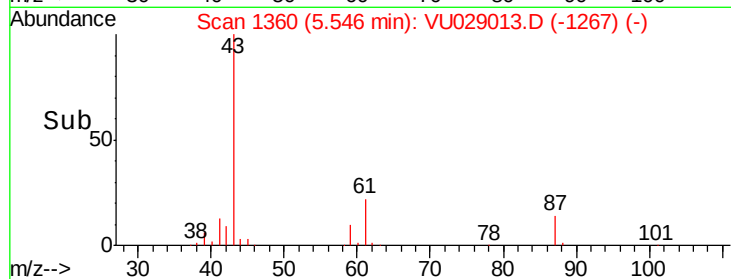
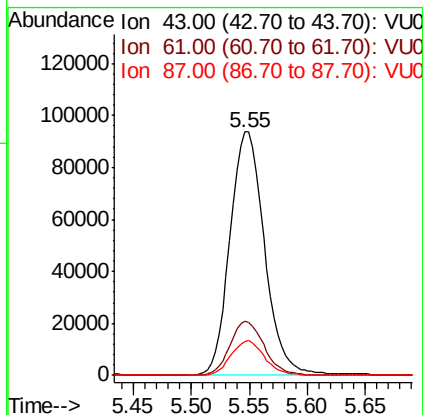
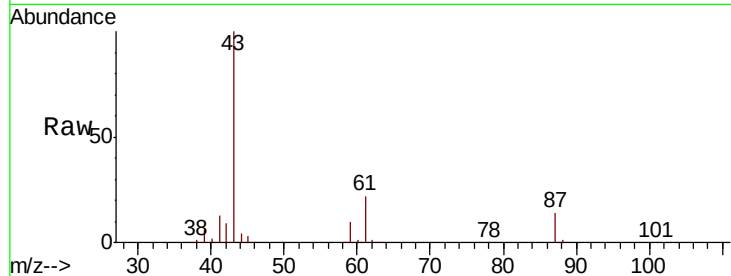
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	193087
Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.8	26.6
87	14.0	11.3	16.9

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#44

Trichloroethene

Concen: 47.146 ug/l

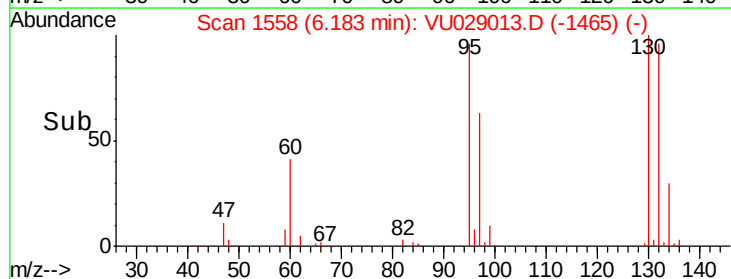
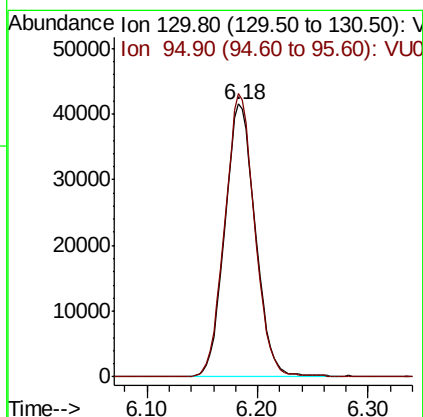
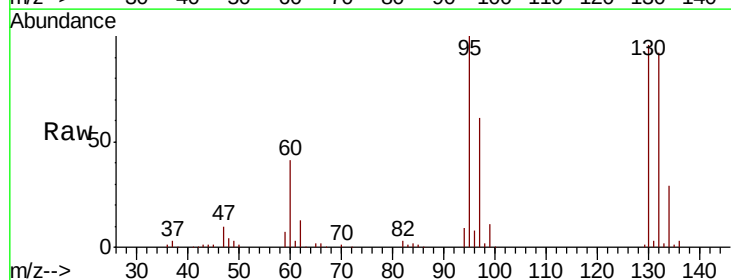
RT: 6.18 min Scan# 1558

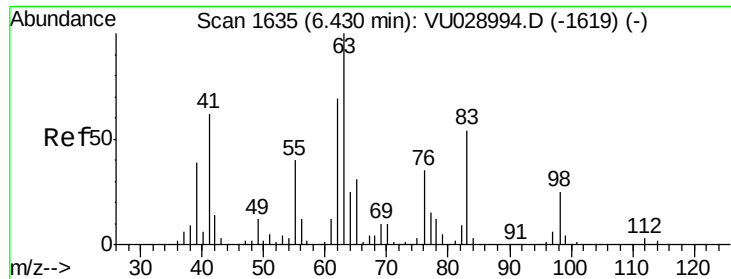
Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion:	130	Resp:	79772
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	205.0





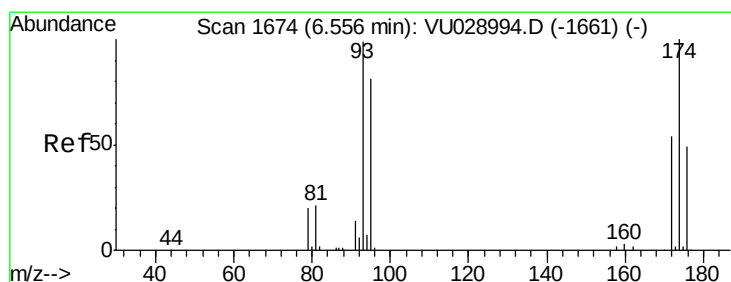
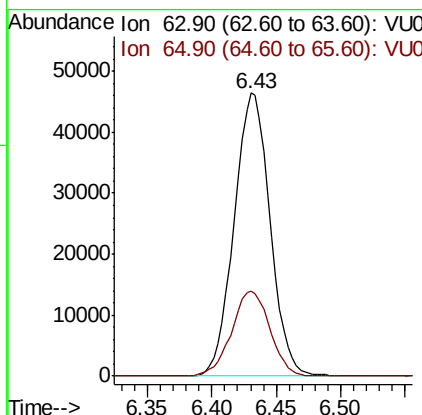
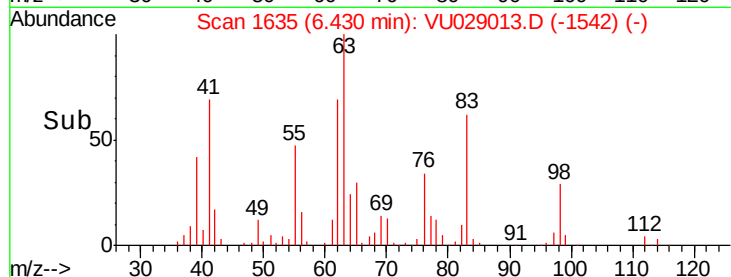
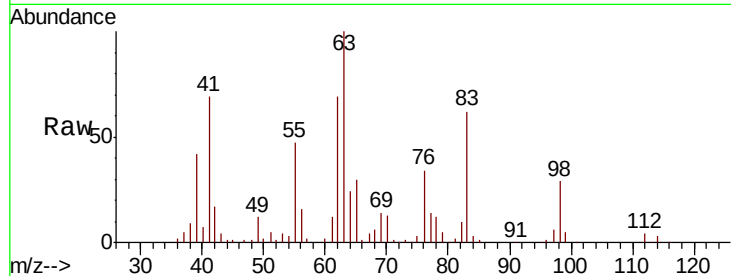
#45
 1,2-Dichloropropane
 Concen: 49.904 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 89995
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.1 37.7

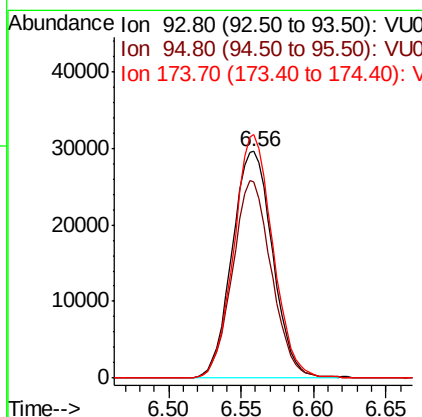
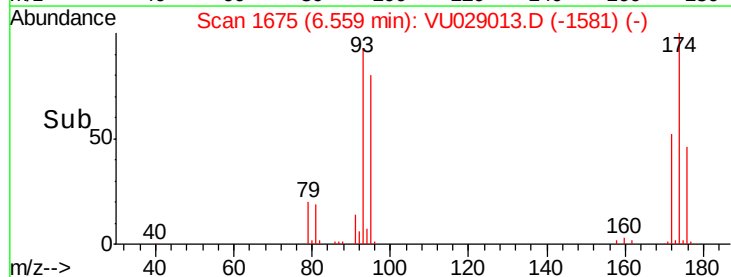
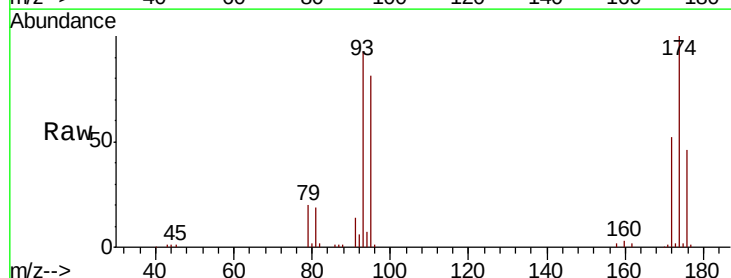
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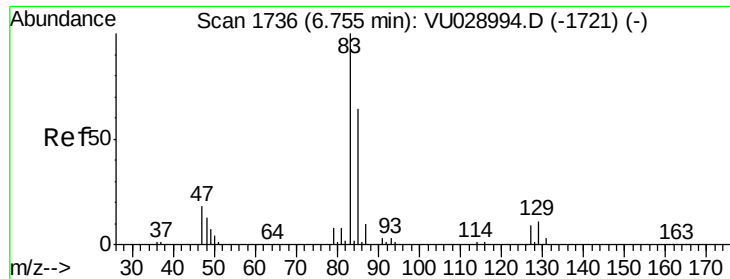
MMDadoda
 1/4/2019 9:51:31 AM



#46
 Dibromomethane
 Concen: 49.726 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 93 Resp: 57326
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.2 100.8
 174 103.3 82.6 123.8





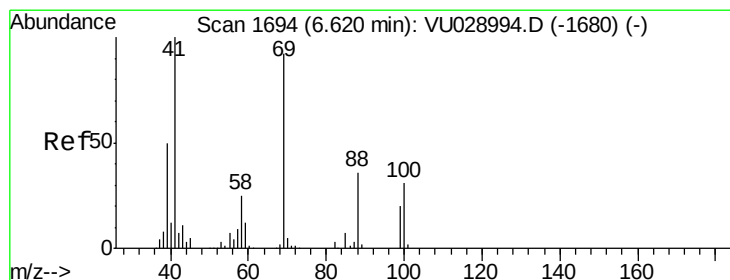
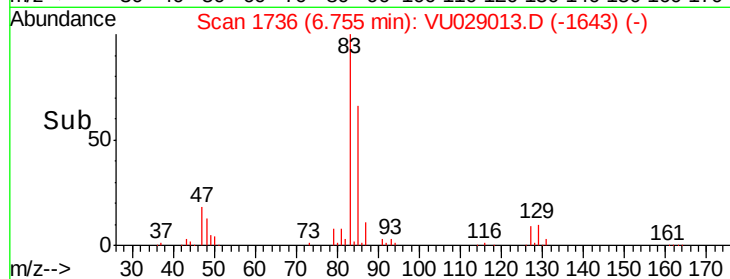
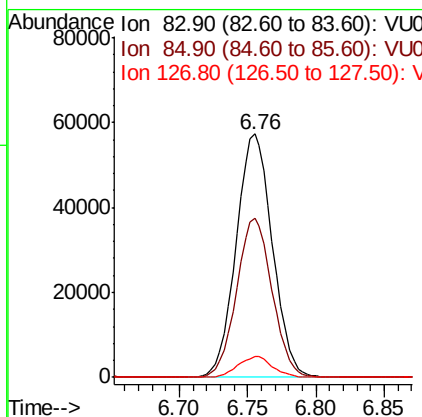
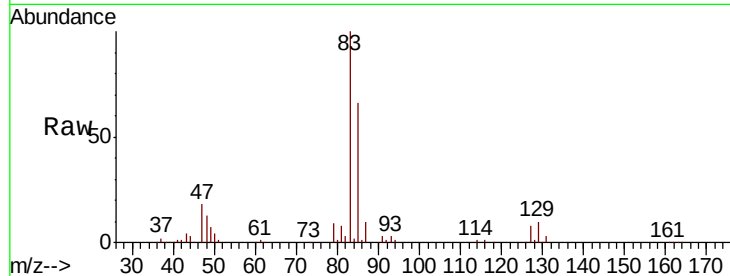
#47
Bromodichloromethane
Concen: 49.760 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	105618		
85	65.5	51.4	77.2	
127	8.5	7.0	10.4	

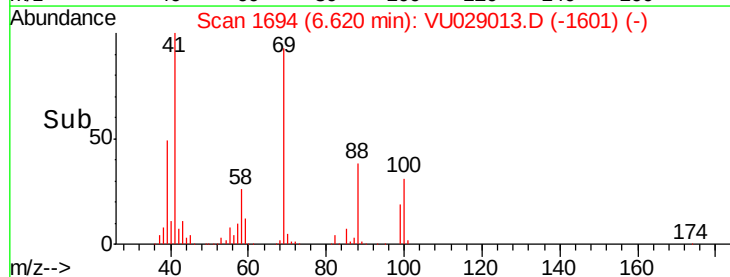
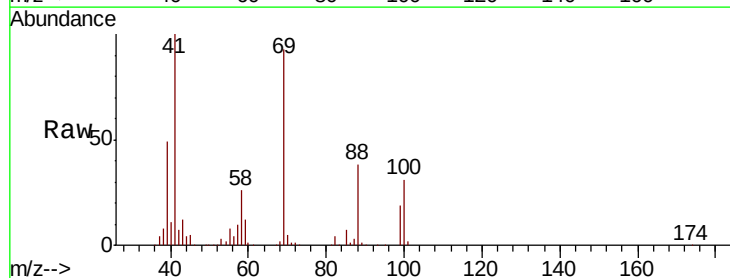
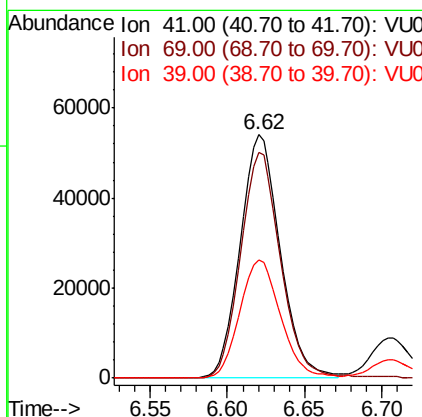
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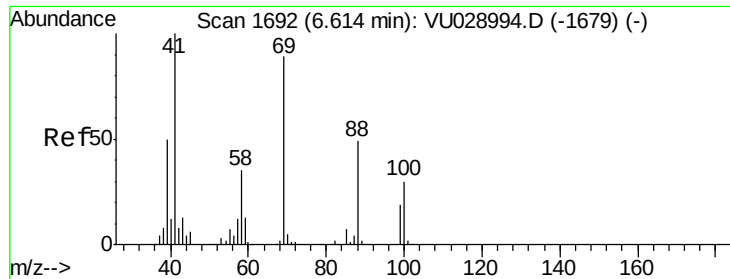
MMDadoda
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#48
Methyl methacrylate
Concen: 54.223 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	97328		
69	93.0	73.6	110.4	
39	49.6	39.6	59.4	





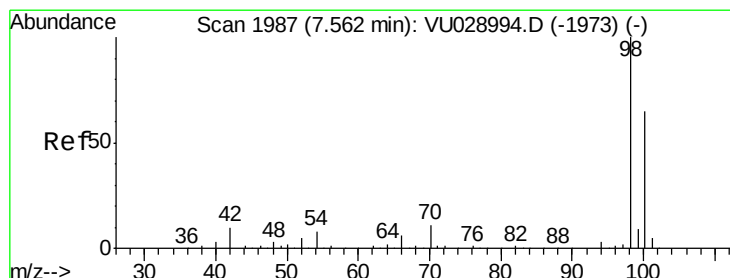
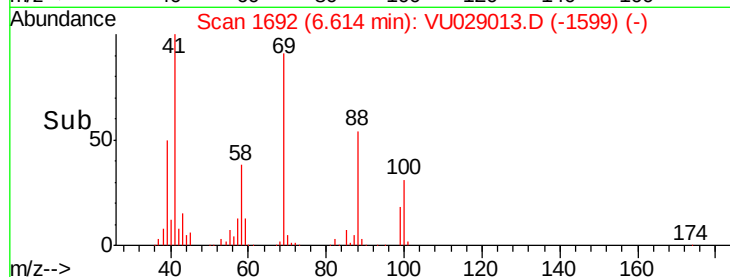
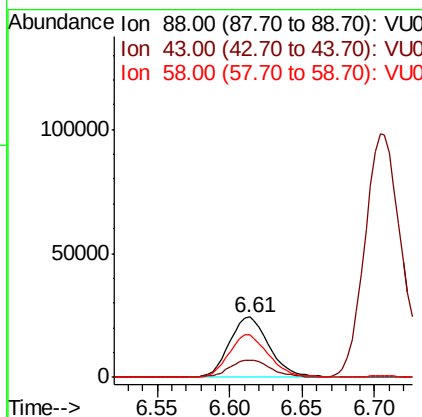
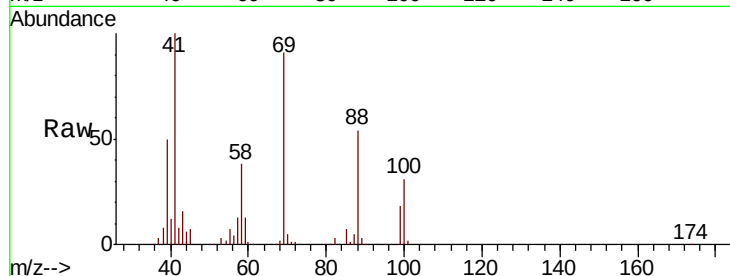
#49
1,4-Dioxane
Concen: 1078.928 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.4
58	72.0	57.9	86.9

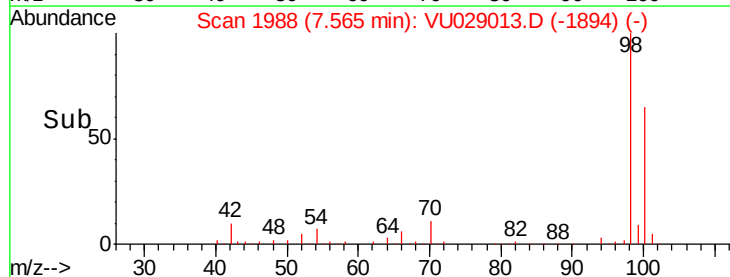
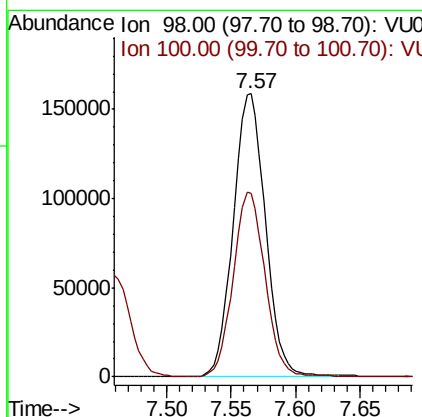
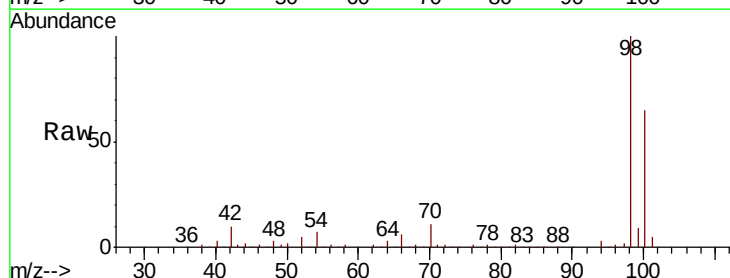
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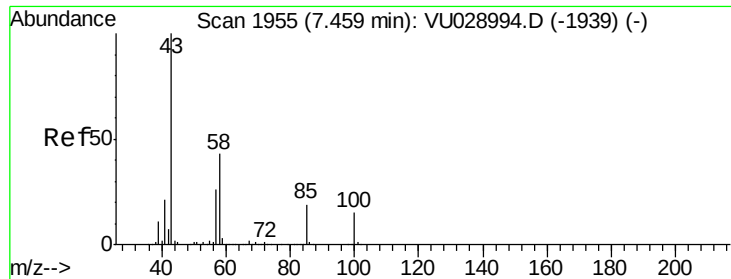
MMDadoda
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#50
Toluene-d8
Concen: 49.294 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





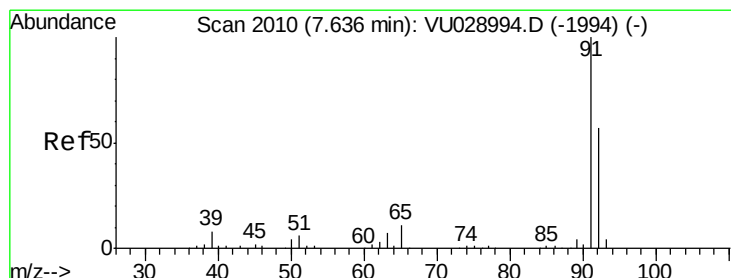
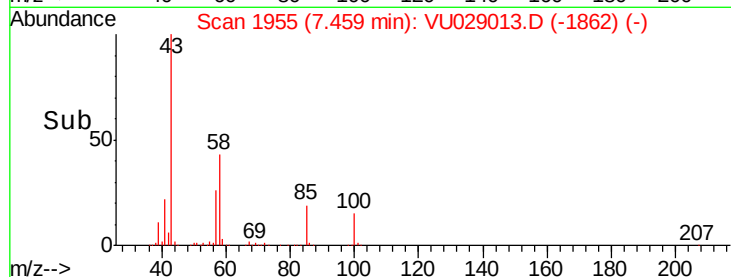
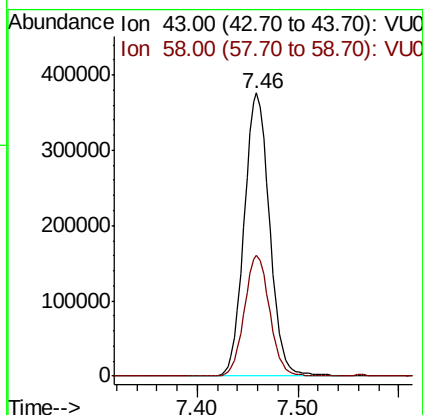
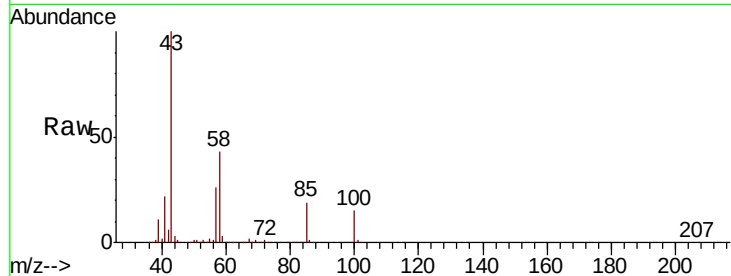
#51
 4-Methyl-2-Pentanone
 Concen: 258.793 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 649245
 Ion Ratio Lower Upper
 43 100
 58 42.7 33.9 50.9

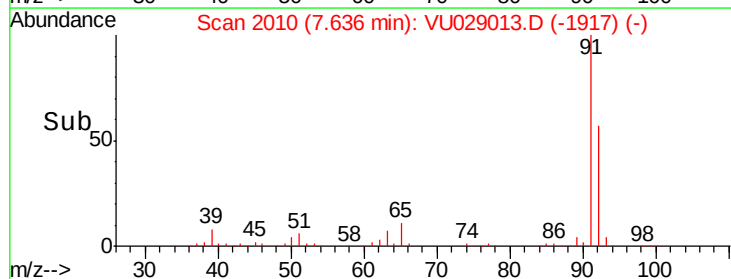
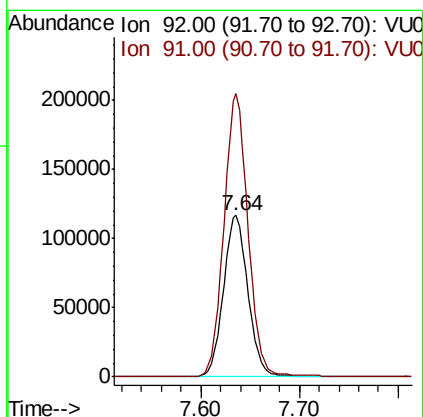
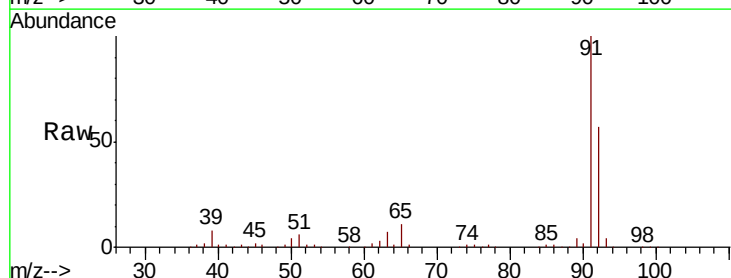
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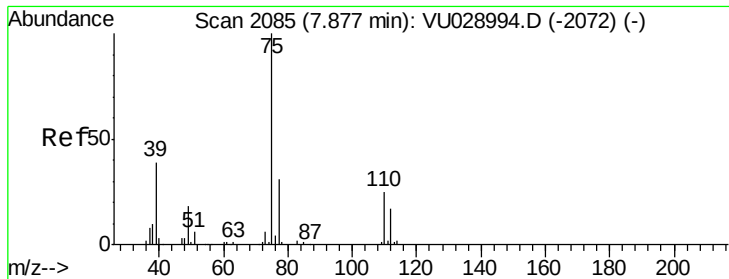
MMDadoda
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#52
 Toluene
 Concen: 49.173 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 92 Resp: 204426
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.8 209.8





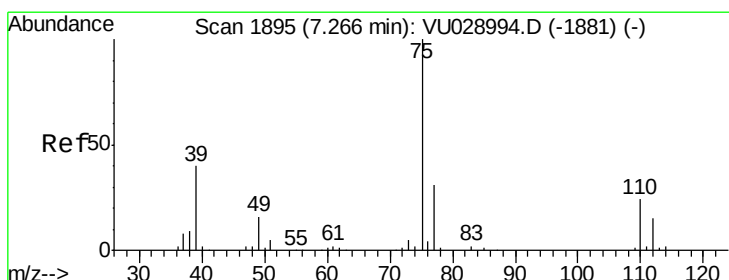
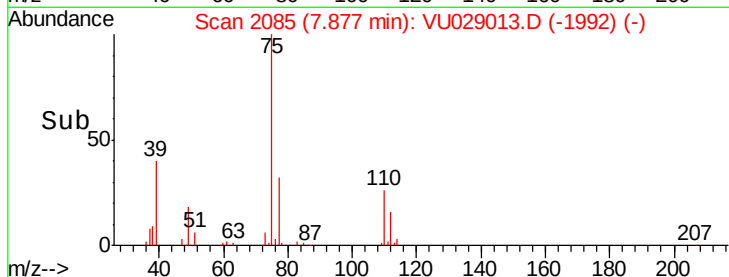
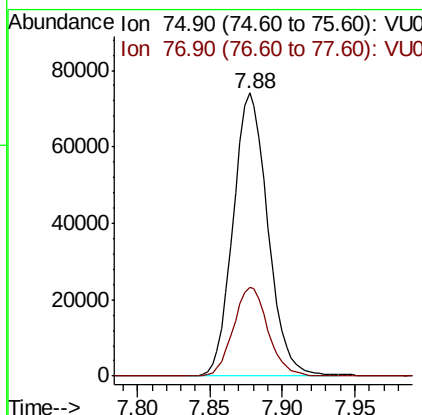
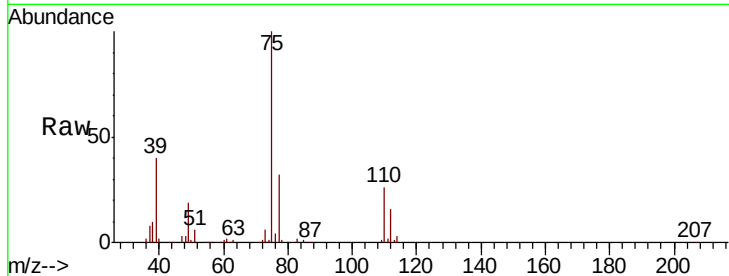
#53
t-1,3-Dichloropropene
Concen: 48.321 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 123208
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

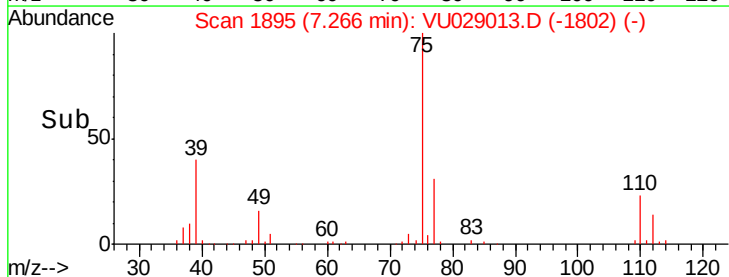
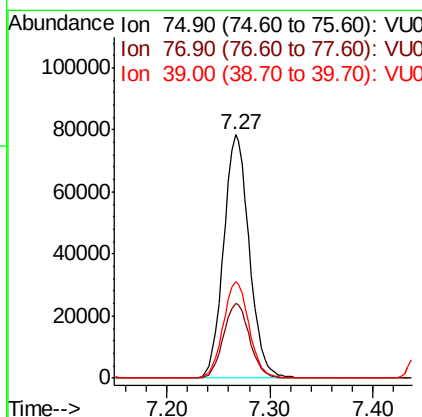
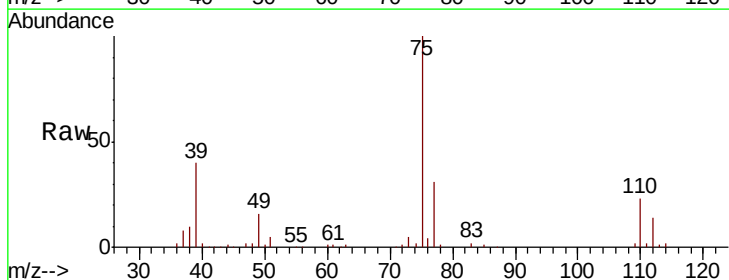
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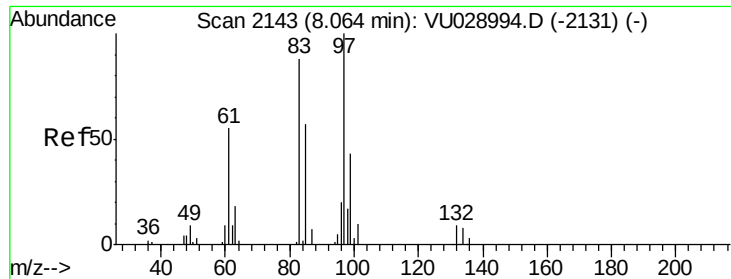
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.274 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 75 Resp: 135758
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 39.6 32.2 48.4





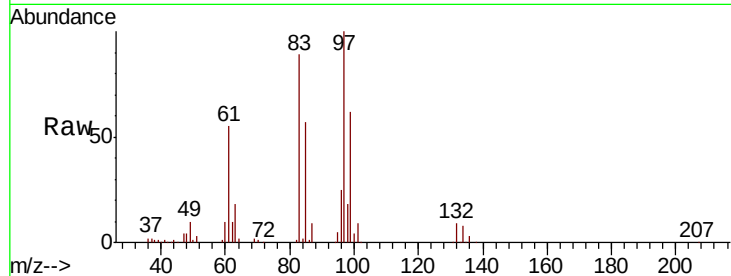
#55
 1,1,2-Trichloroethane
 Concen: 50.251 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	83691
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.8	104.8
85	57.0	47.3	70.9
99	62.1	49.7	74.5

Manual Integrations
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MMDadoda
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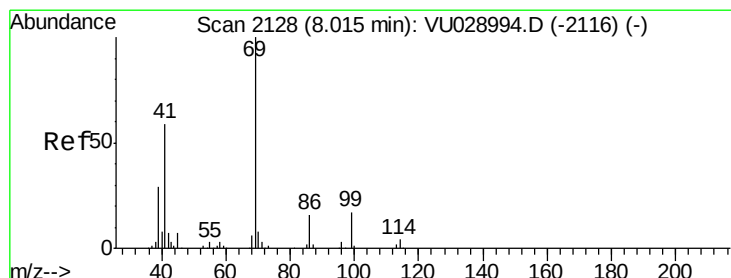
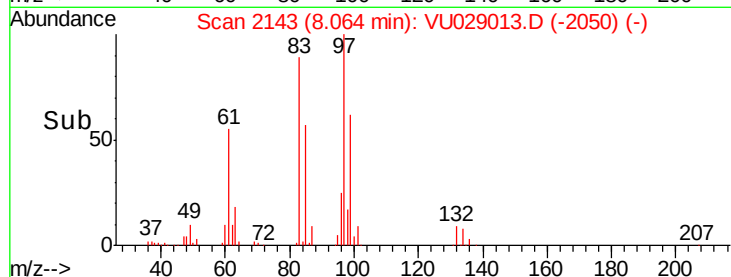
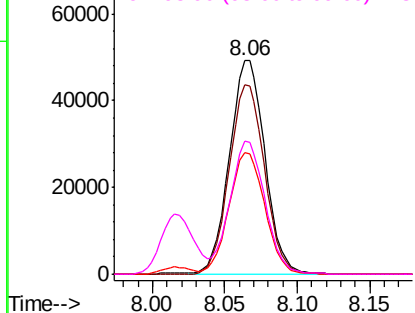


Abundance Ion 96.90 (96.60 to 97.60): VU028994.D (-2131) (-)

Ion 82.90 (82.60 to 83.60): VU028994.D (-2131) (-)

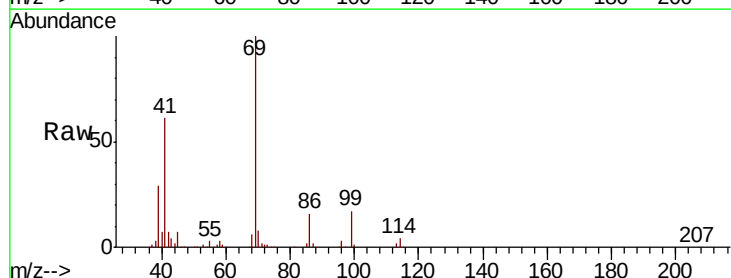
Ion 84.90 (84.60 to 85.60): VU028994.D (-2131) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-2131) (-)



#56
 Ethyl methacrylate
 Concen: 52.212 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

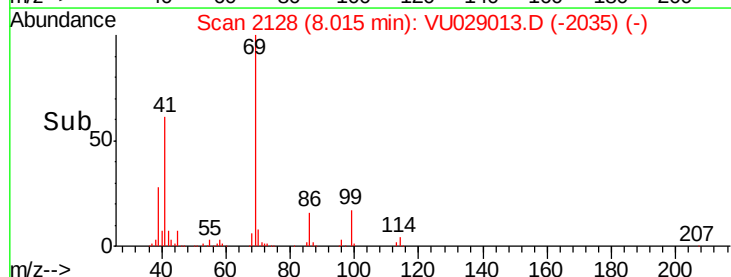
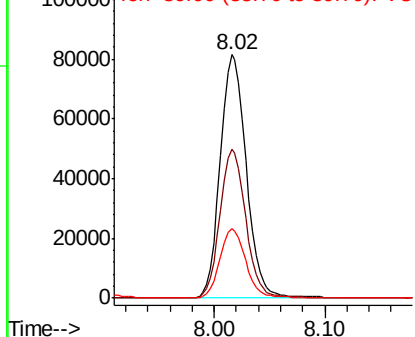
Tgt Ion:	69	Resp:	133967
Ion	Ratio	Lower	Upper
69	100		
41	60.7	47.5	71.3
39	28.5	22.5	33.7

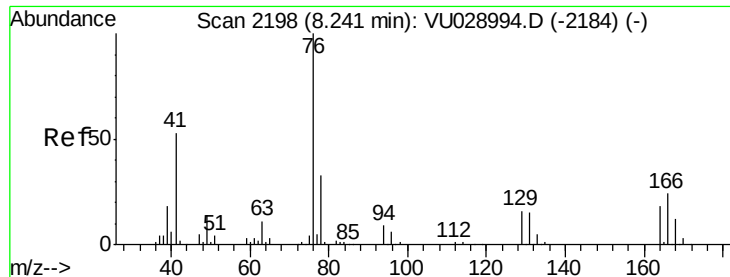


Abundance Ion 69.00 (68.70 to 69.70): VU028994.D (-2116) (-)

Ion 41.00 (40.70 to 41.70): VU028994.D (-2116) (-)

Ion 39.00 (38.70 to 39.70): VU028994.D (-2116) (-)





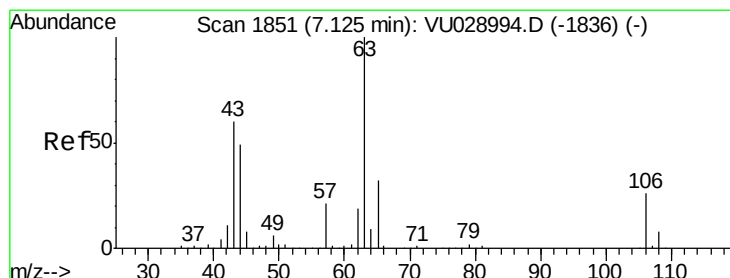
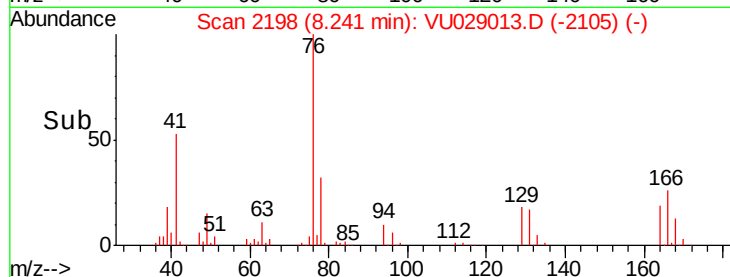
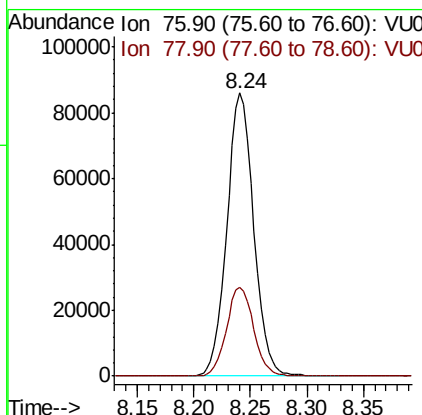
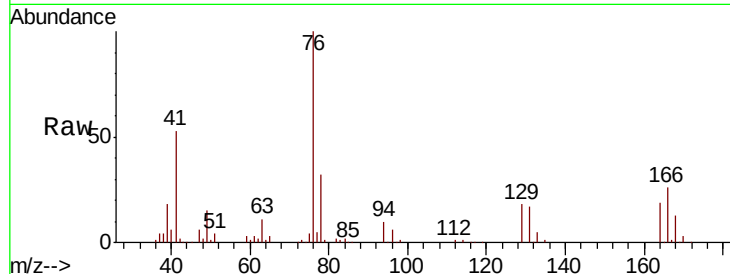
#57
 1,3-Dichloropropane
 Concen: 49.793 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 141899
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0

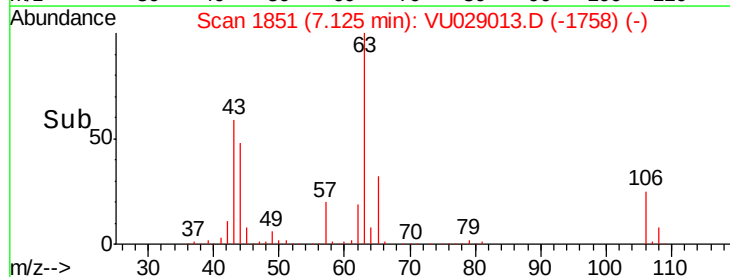
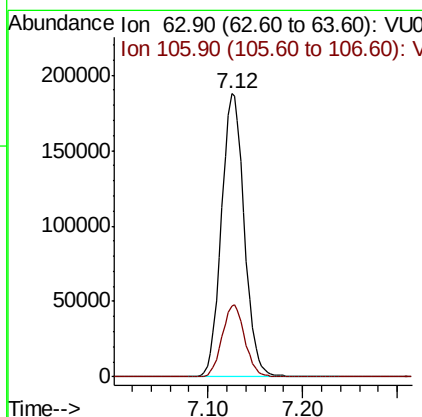
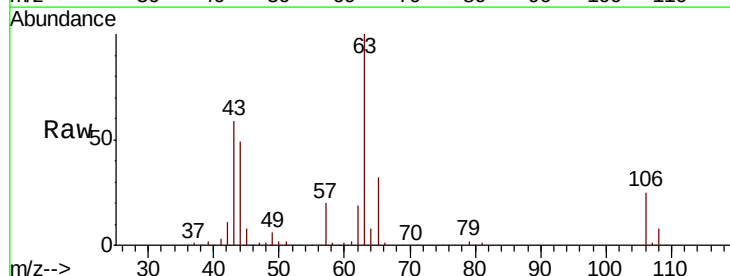
Manual Integrations
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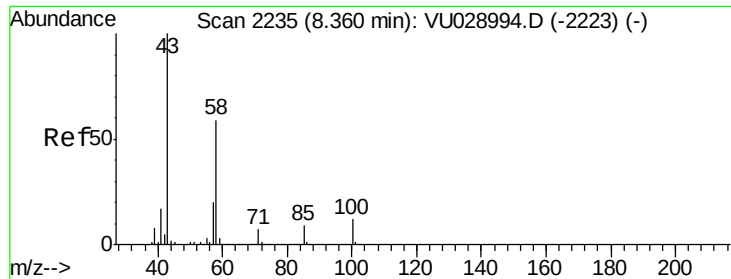
MMDadoda
 1/4/2019 9:51:31 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.090 ug/l
 RT: 7.12 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 63 Resp: 314925
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 31.0





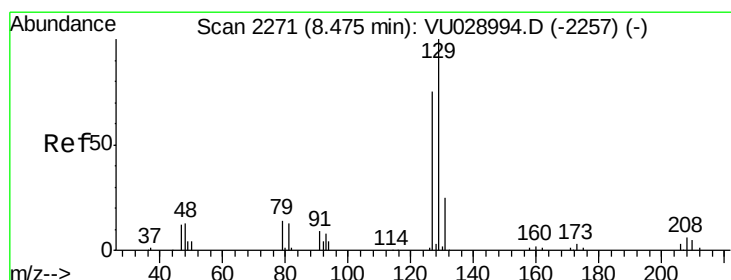
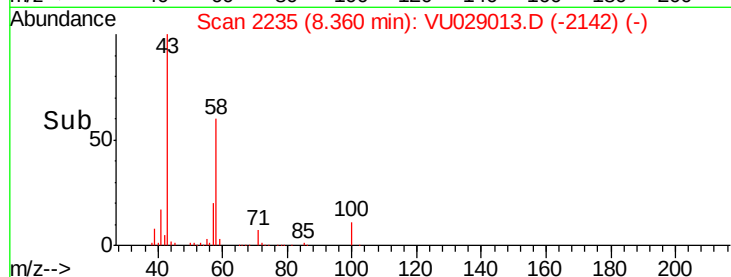
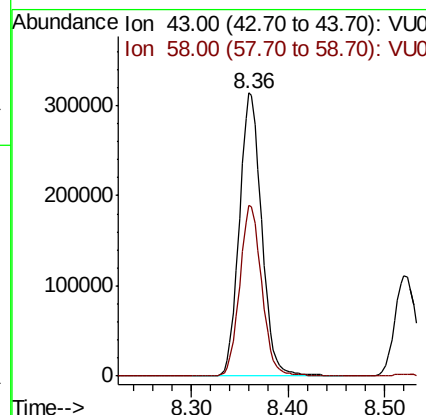
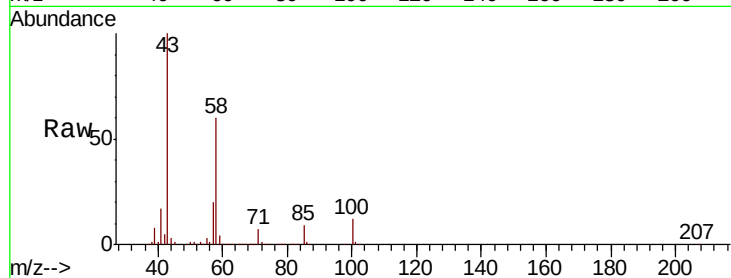
#59
2-Hexanone
Concen: 255.828 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 503795
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.4

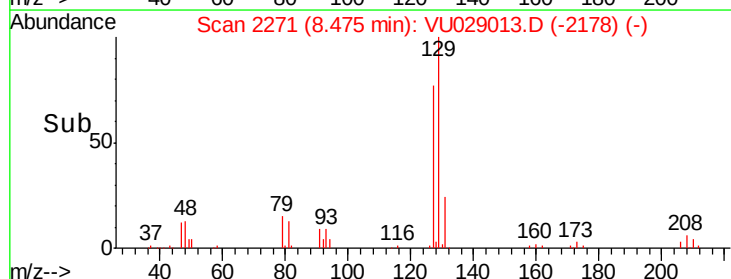
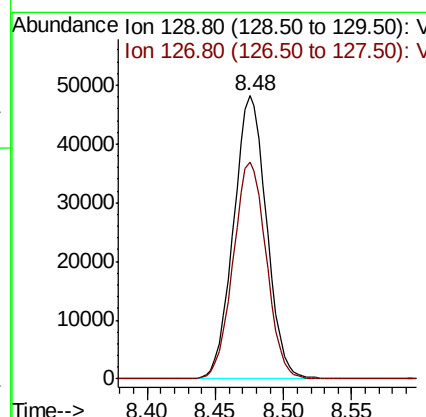
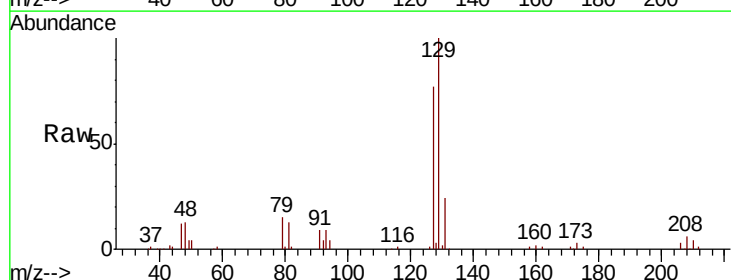
Manual Integrations
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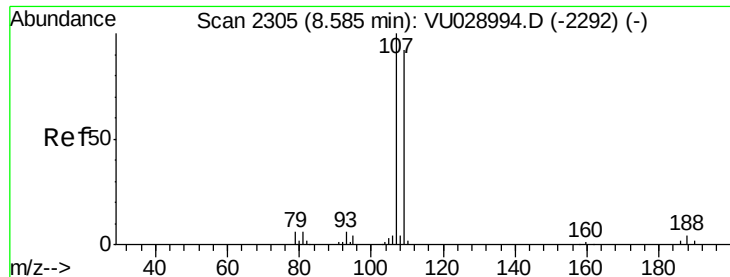
MMDadoda
1/4/2019 9:51:31 AM



#60
Dibromochloromethane
Concen: 49.025 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 129 Resp: 80891
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.0





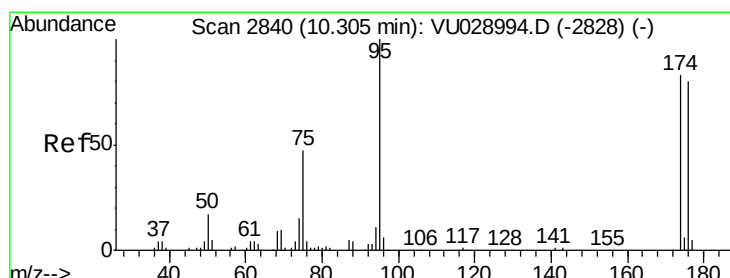
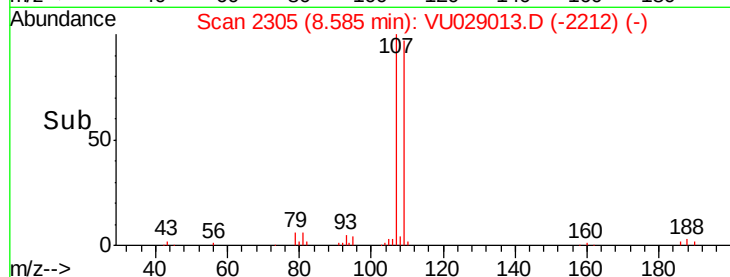
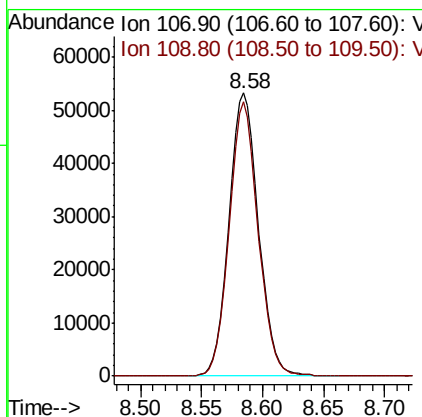
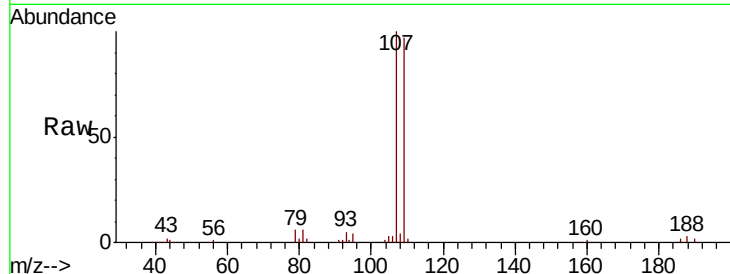
#61
 1,2-Dibromoethane
 Concen: 49.740 ug/l
 RT: 8.58 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 89844
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3

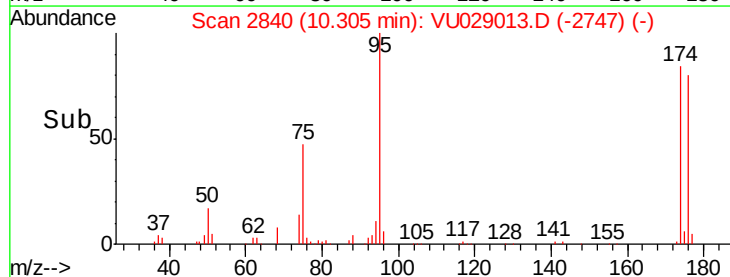
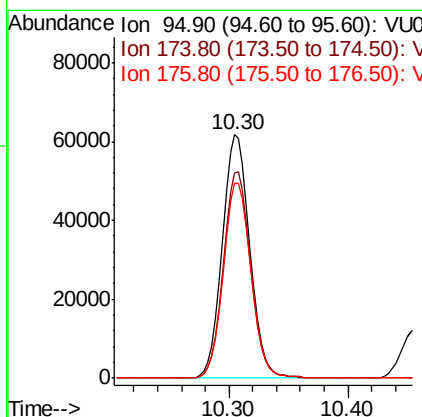
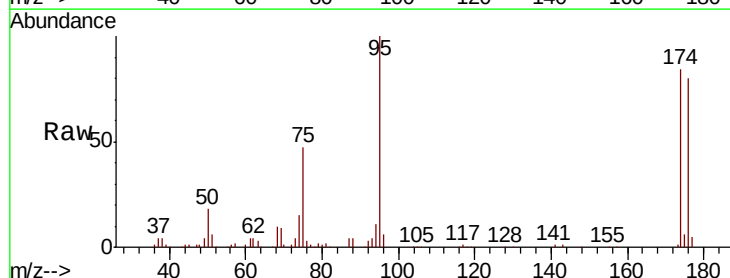
Manual Integrations
 APPROVED

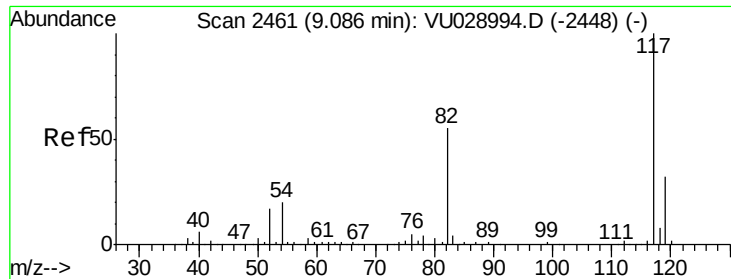
MMDadoda
 1/4/2019 9:51:31 AM



#62
 4-Bromofluorobenzene
 Concen: 48.934 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 95 Resp: 98573
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 170.6
 176 80.8 0.0 165.0





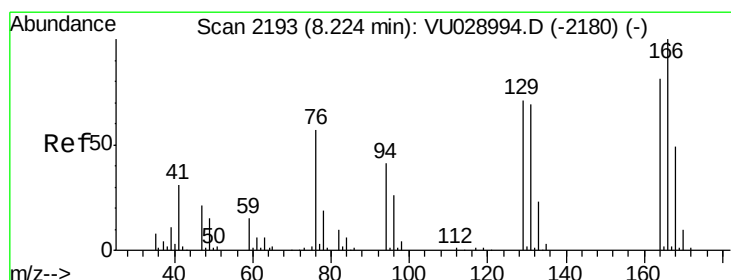
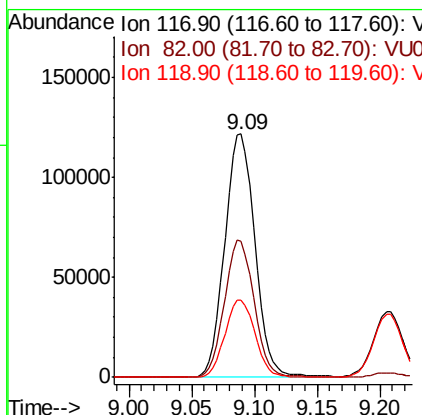
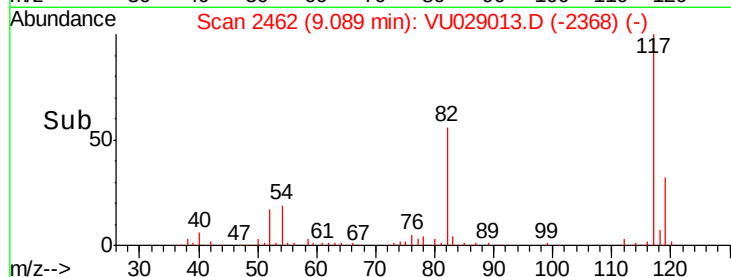
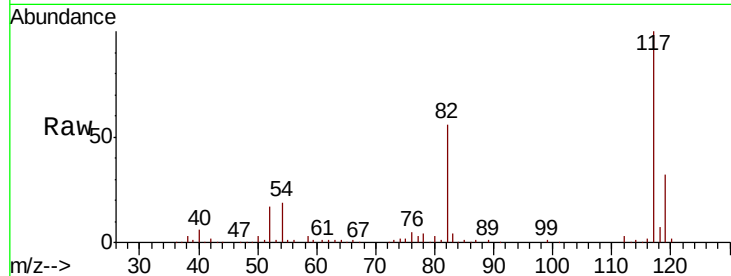
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	203745		
82	55.7	43.9	65.9	
119	31.8	26.0	39.0	

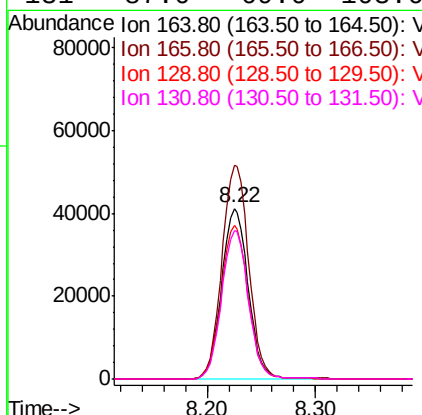
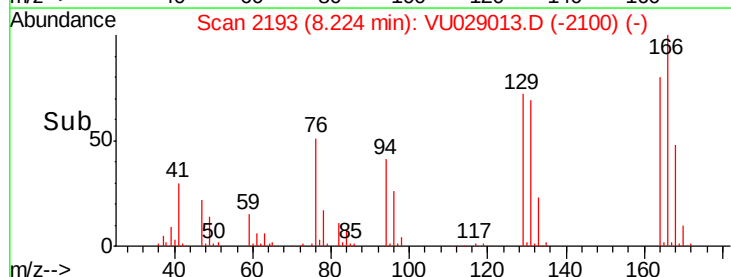
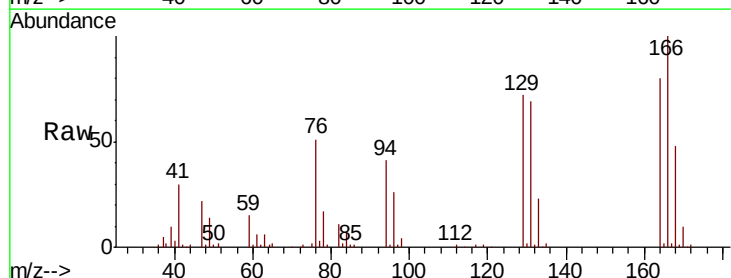
Manual Integrations
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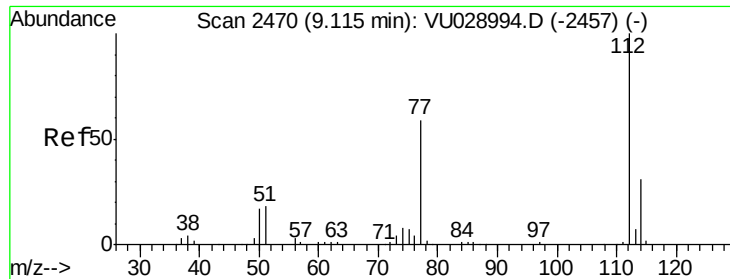
MMDadoda
1/4/2019 9:51:31 AM



#64
Tetrachloroethene
Concen: 48.369 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70991		
166	125.3	99.4	149.0	
129	90.4	70.5	105.7	
131	87.0	69.0	103.6	





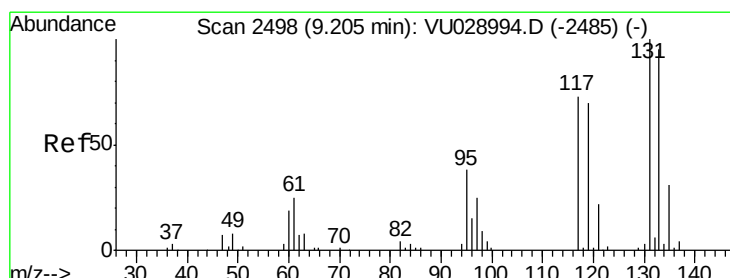
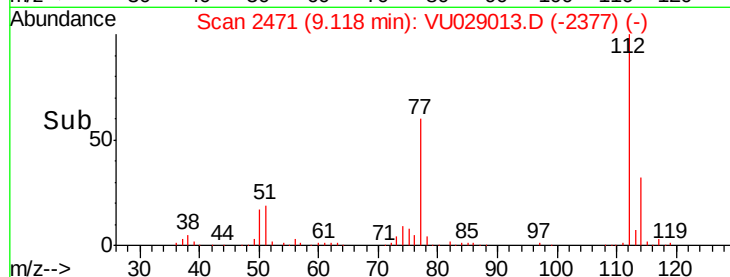
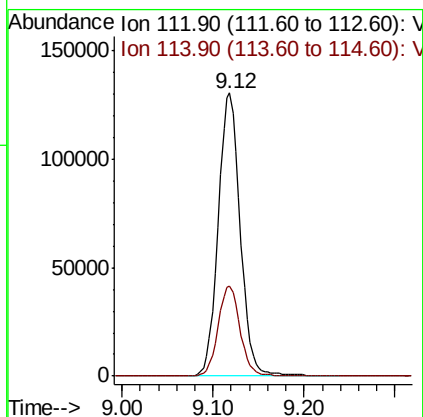
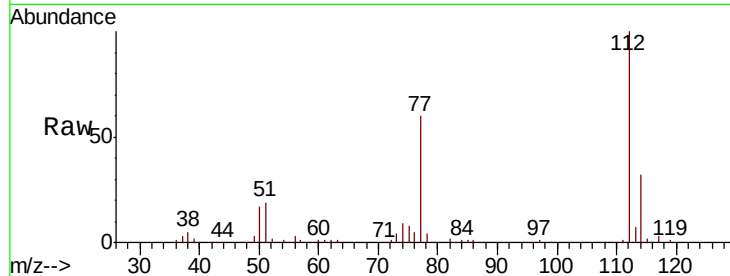
#65
Chlorobenzene
Concen: 47.921 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 218857
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

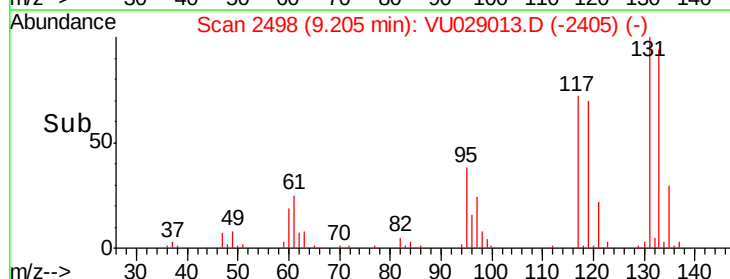
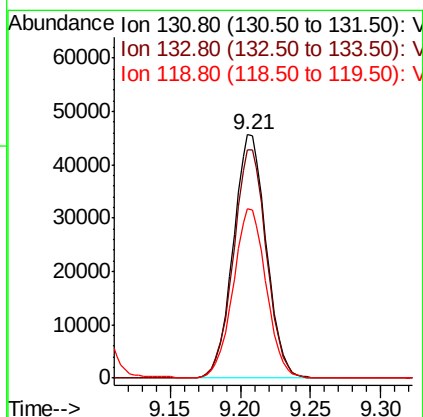
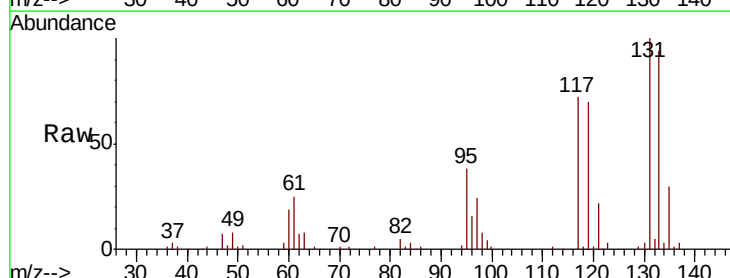
Manual Integrations
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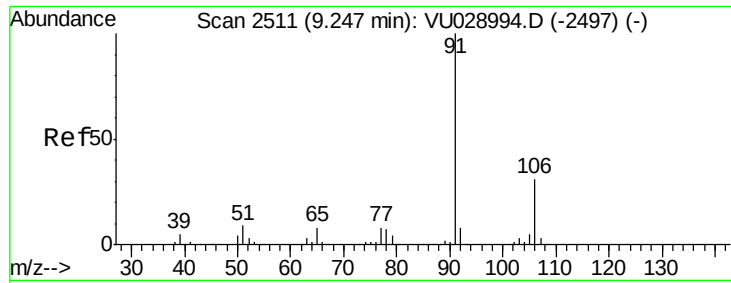
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.419 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion:131 Resp: 74726
Ion Ratio Lower Upper
131 100
133 94.2 48.2 144.6
119 69.8 35.4 106.3





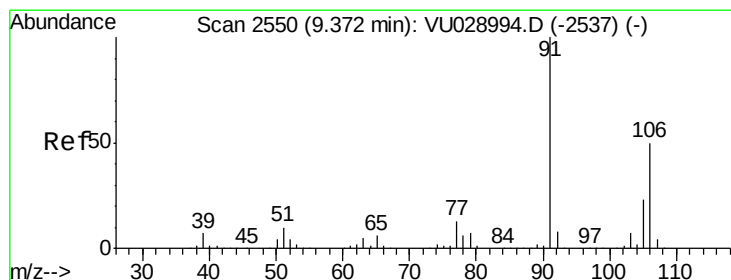
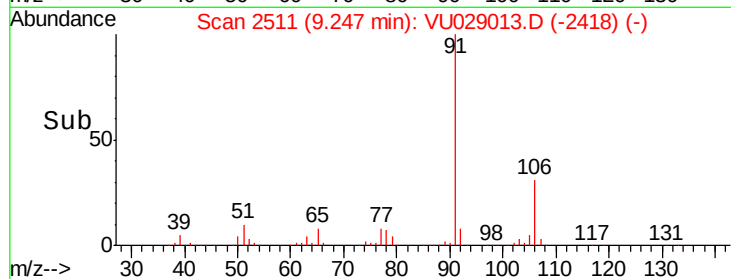
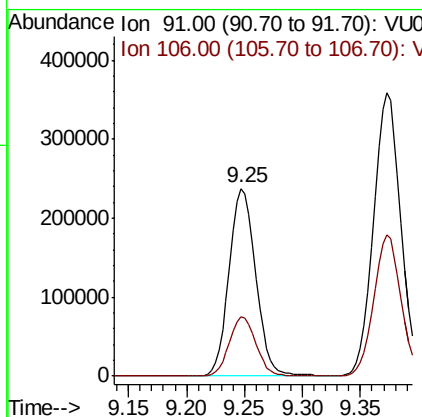
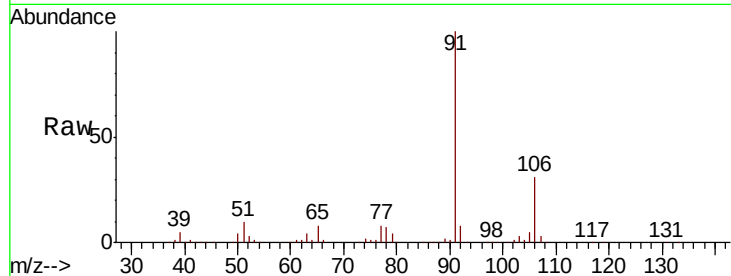
#67
Ethyl Benzene
 Concen: 49.839 ug/l
 RT: 9.25 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 380019
 Ion Ratio Lower Upper
 91 100
 106 31.4 25.0 37.4

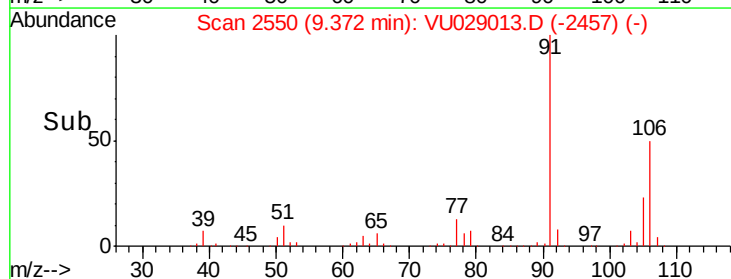
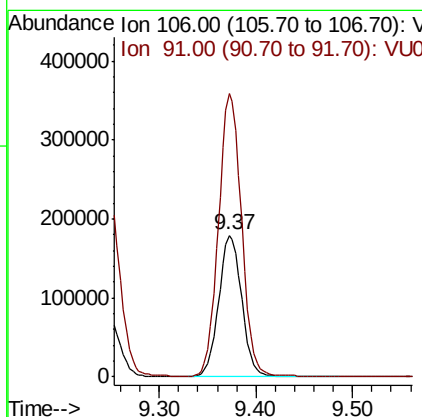
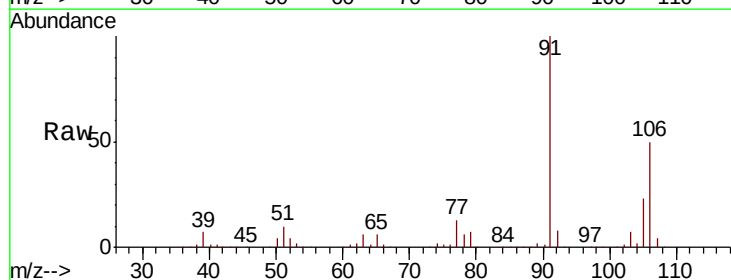
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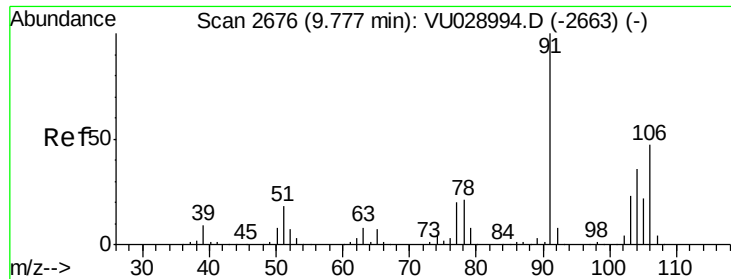
MMDadoda
 1/4/2019 9:51:31 AM



#68
m/p-Xylenes
 Concen: 100.001 ug/l
 RT: 9.37 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 106 Resp: 296266
 Ion Ratio Lower Upper
 106 100
 91 200.8 161.7 242.5





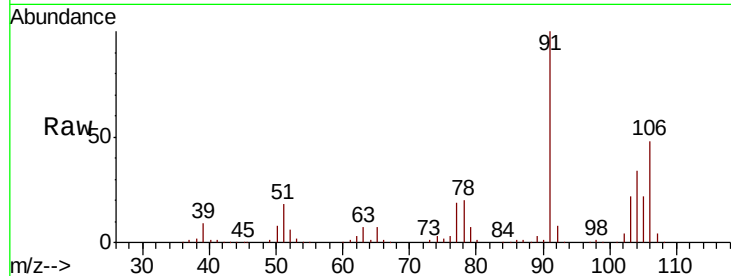
#69
o-Xylene
Concen: 50.890 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

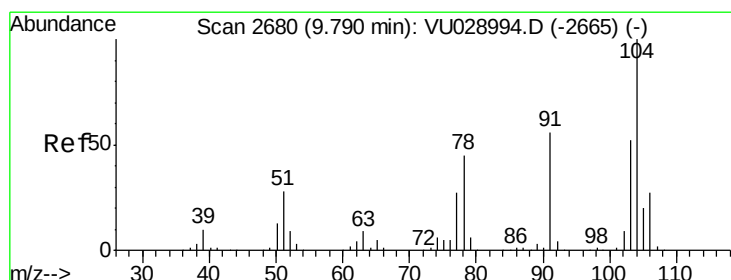
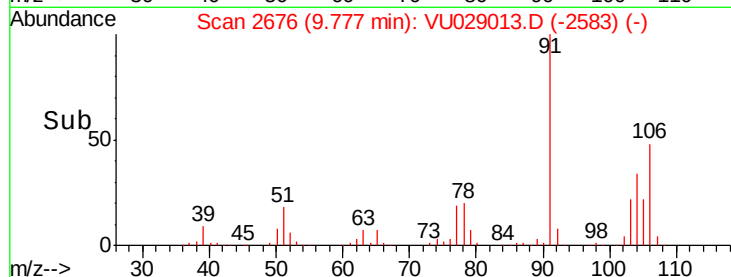
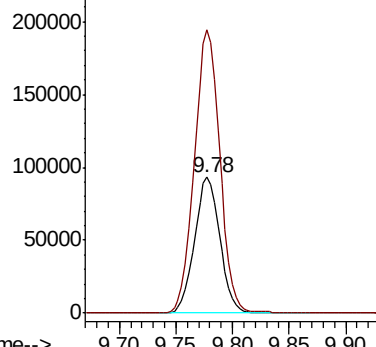
Tgt Ion:106 Resp: 145272
Ion Ratio Lower Upper
106 100
91 210.0 106.1 318.3

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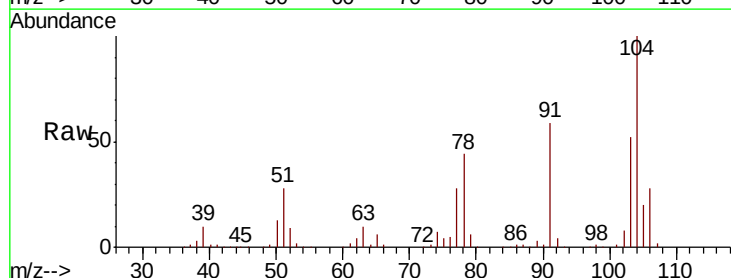


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

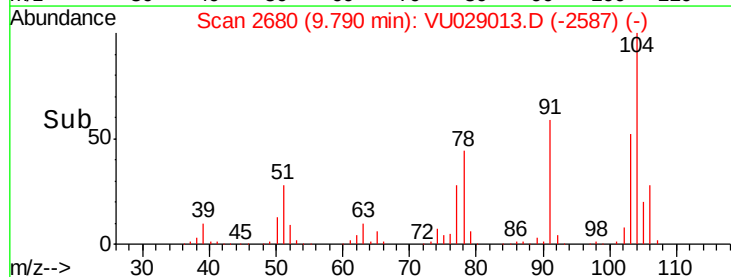
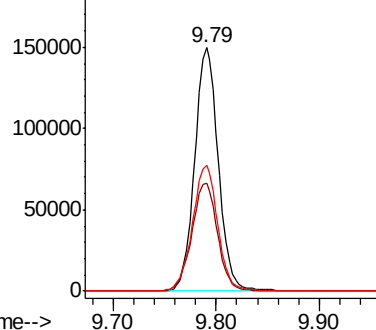


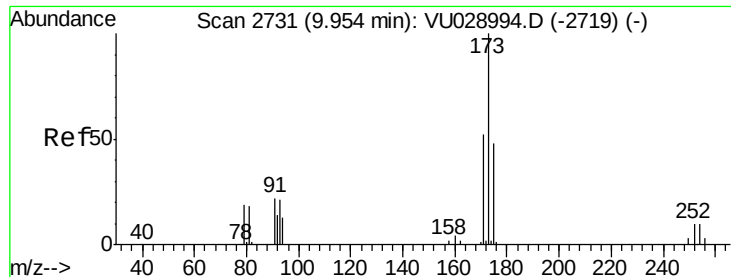
#70
Styrene
Concen: 51.040 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion:104 Resp: 238852
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 55.4 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.346 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 66440

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.2

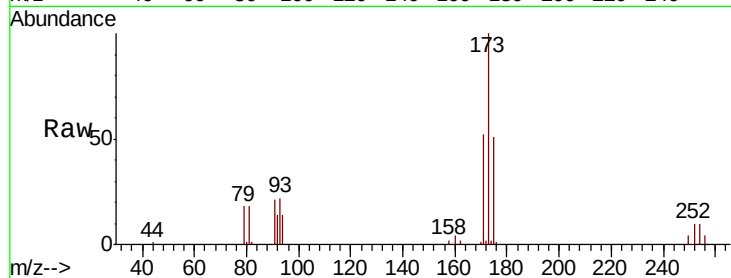
254 0.0 0.0 0.0

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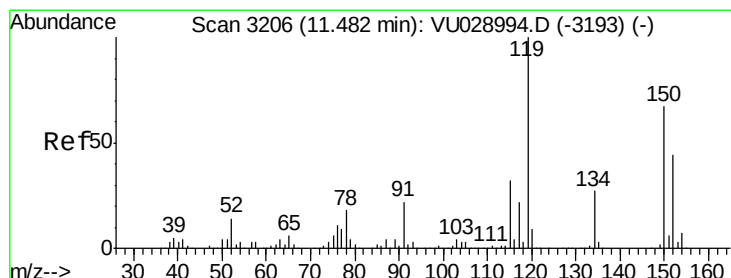
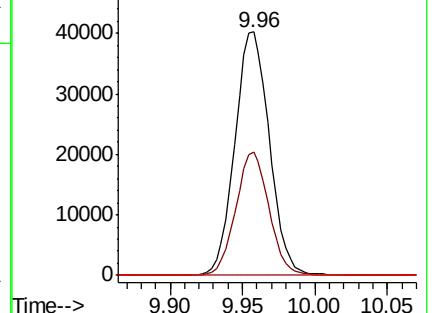
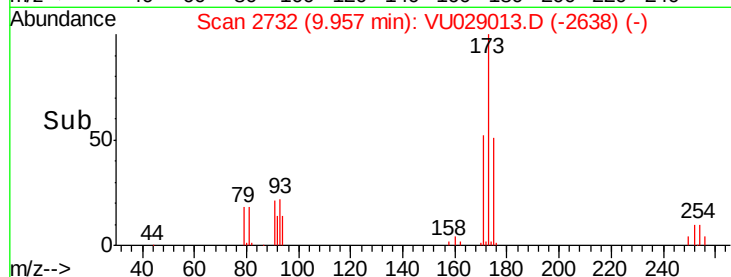
1/4/2019 9:51:31 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

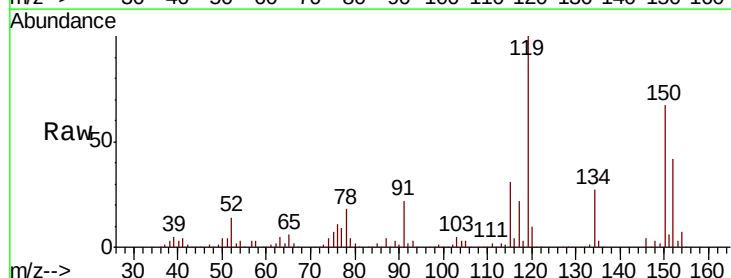
Tgt Ion:152 Resp: 100446

Ion Ratio Lower Upper

152 100

115 80.1 40.1 120.3

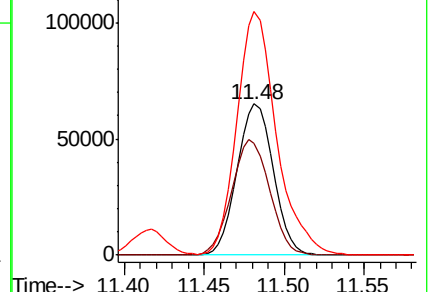
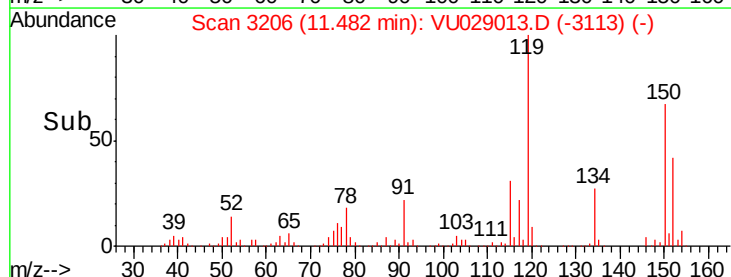
150 175.5 0.0 345.2

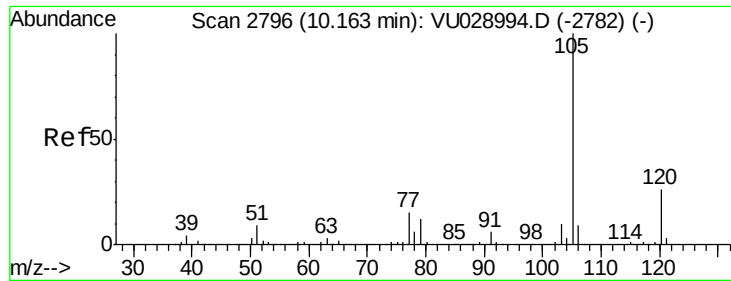


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.173 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 373025

Ion Ratio Lower Upper

105 100

120 26.5

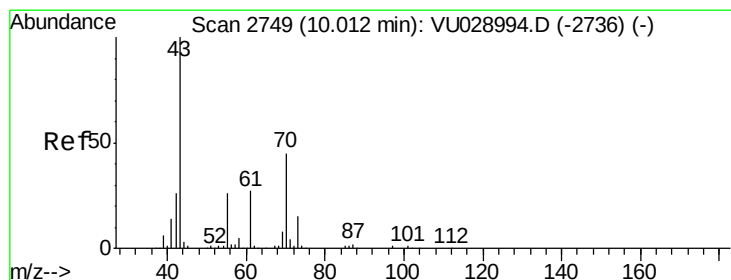
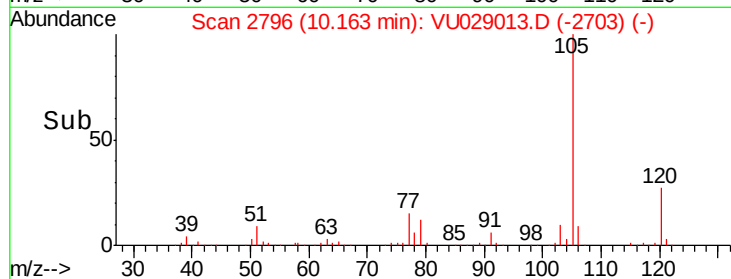
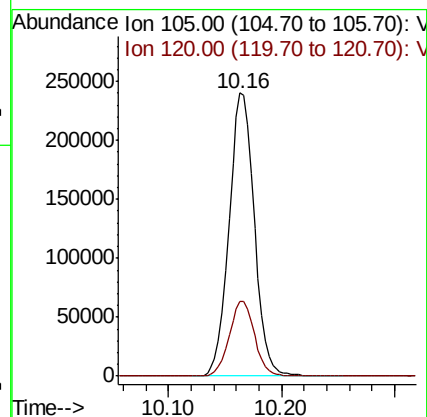
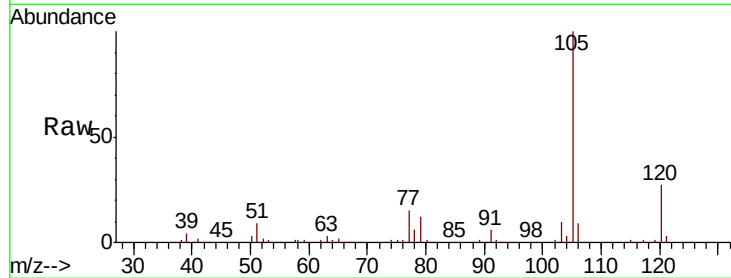
13.2 39.5

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1/4/2019 9:51:31 AM



#74

N-ethyl acetate

Concen: 54.153 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion: 43 Resp: 173492

Ion Ratio Lower Upper

43 100

70 45.2

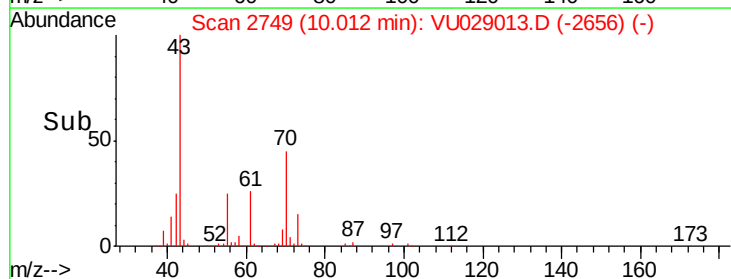
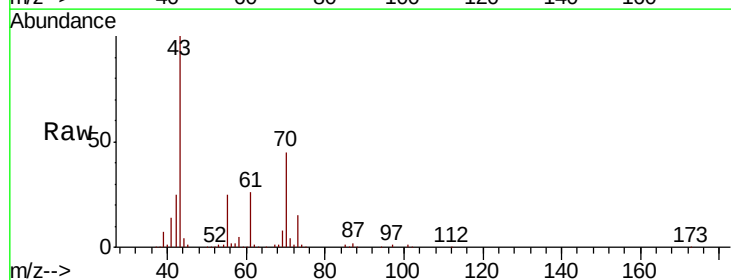
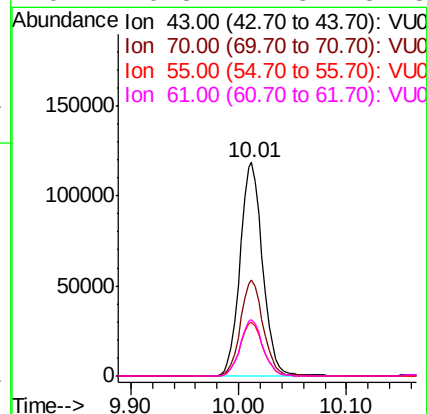
55 25.6

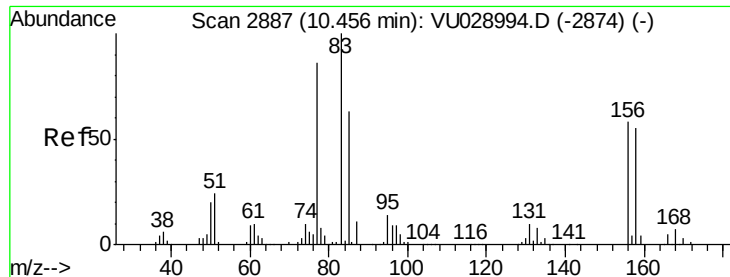
61 26.3

36.3 54.5

20.5 30.7

21.8 32.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.337 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

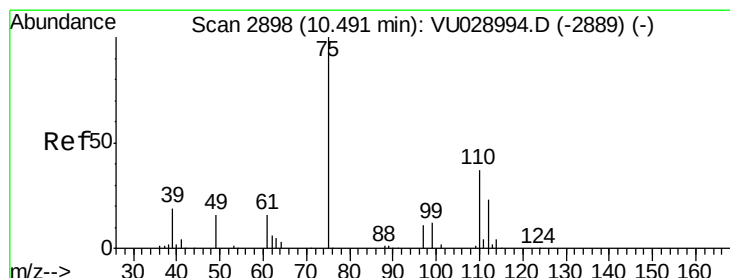
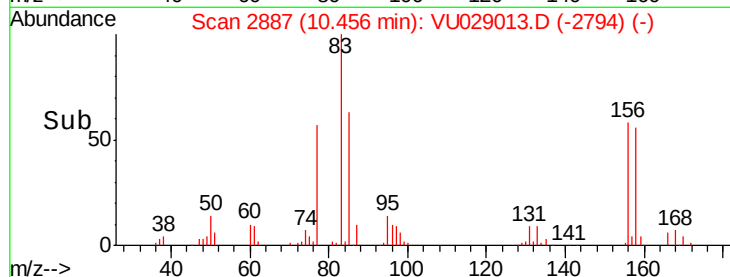
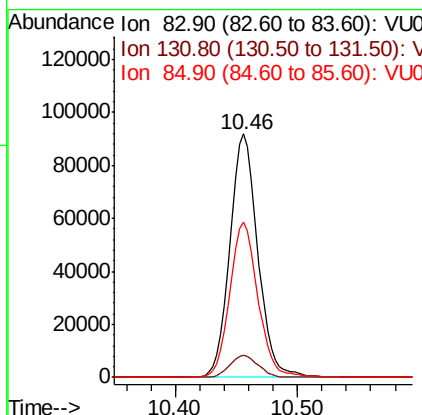
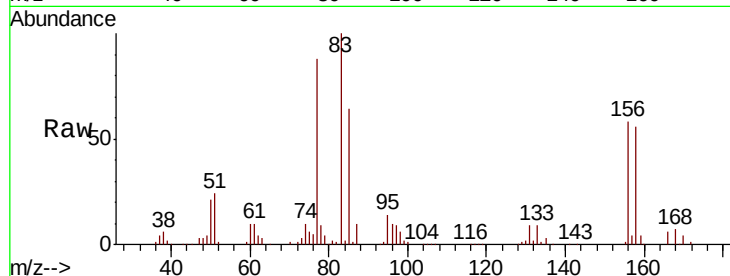
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	147011
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.7	14.1
85	64.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.122 ug/l m

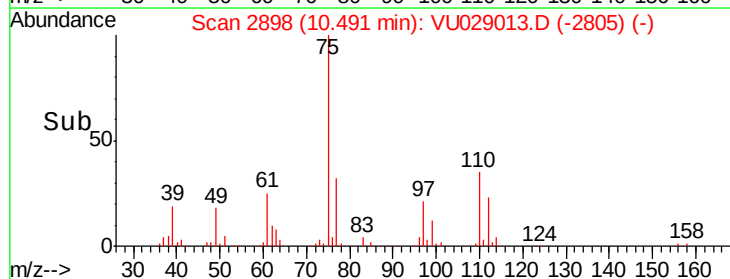
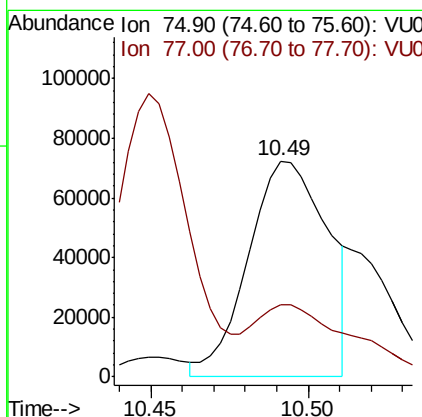
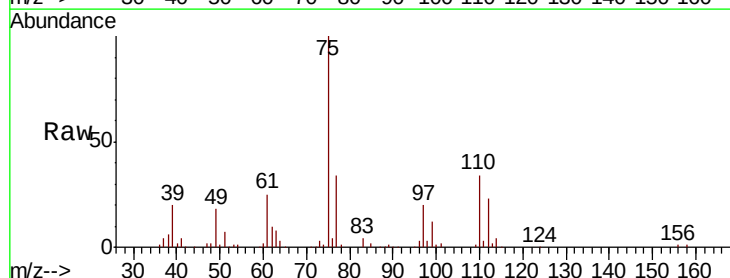
RT: 10.49 min Scan# 2898

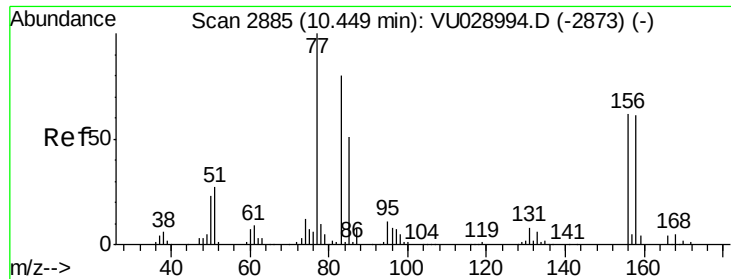
Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion:	75	Resp:	125815
Ion Ratio	Lower	Upper	
75	100		
77	41.5	20.9	62.8





#77

Bromobenzene

Concen: 49.746 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Instrument :

MSVOA_U

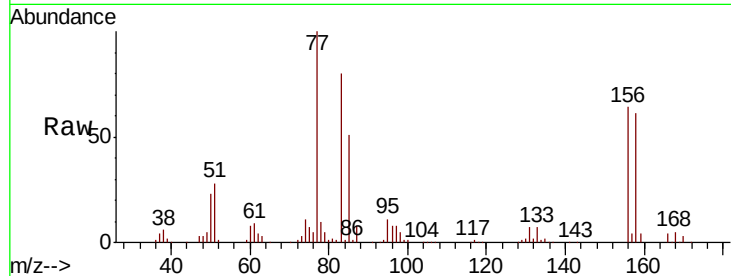
ClientSampleId :

VSTDCCC050EC

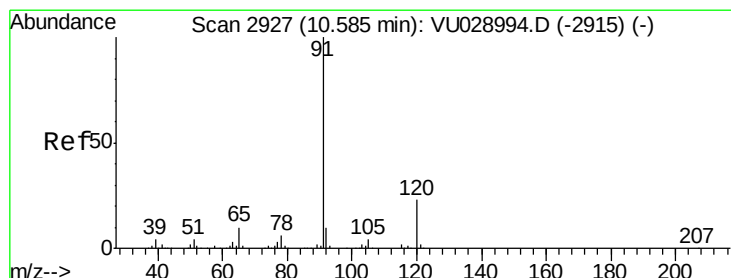
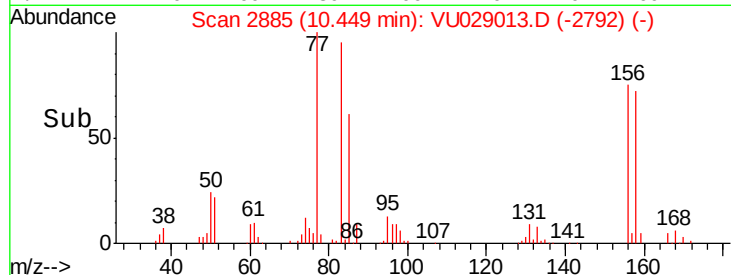
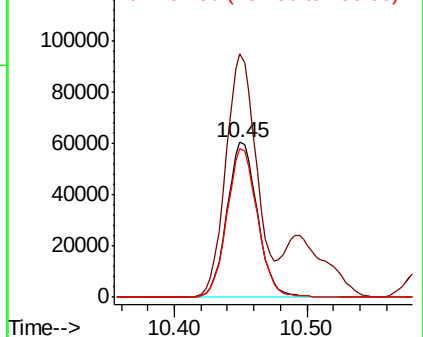
Tgt Ion: 156 Resp: 96382
 Ion Ratio Lower Upper
 156 100
 77 157.2 79.0 237.2
 158 96.1 48.9 146.6

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Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.780 ug/l

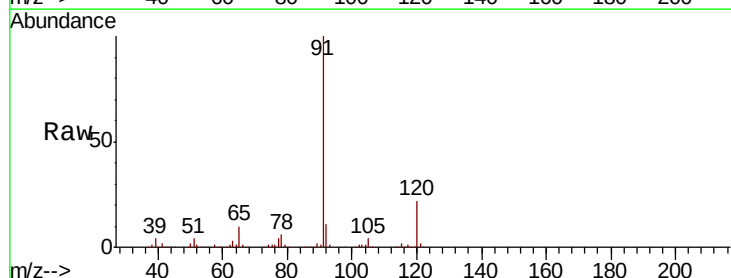
RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

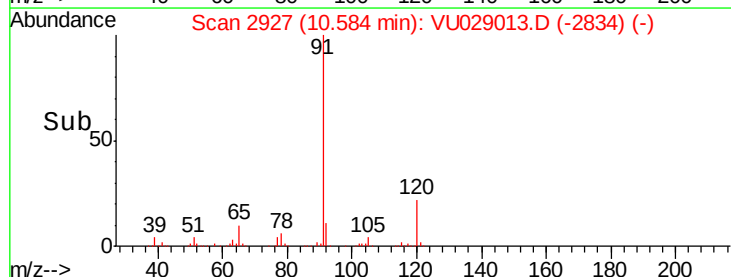
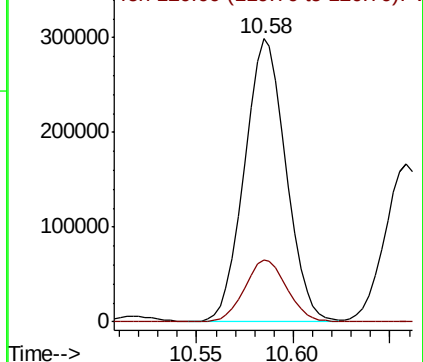
Lab File: VU029013.D

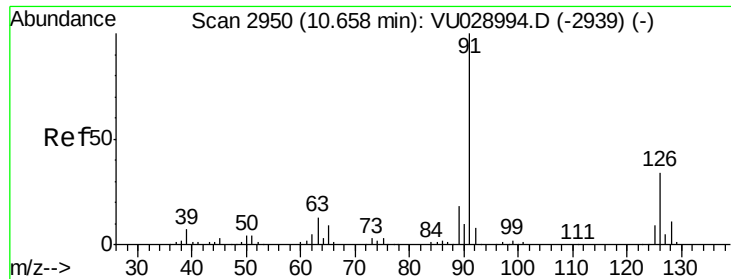
Acq: 03 Jan 2019 21:38

Tgt Ion: 91 Resp: 444923
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 120.00 (119.70 to 120.70): V





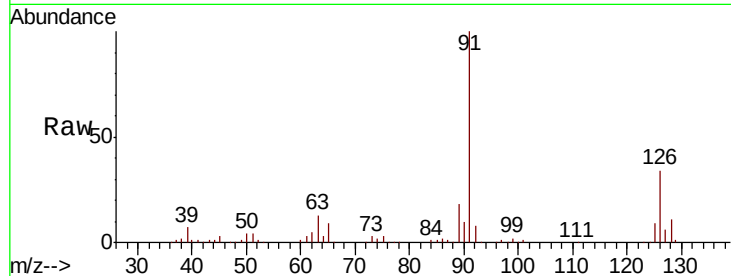
#79
 2-Chlorotoluene
 Concen: 48.900 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

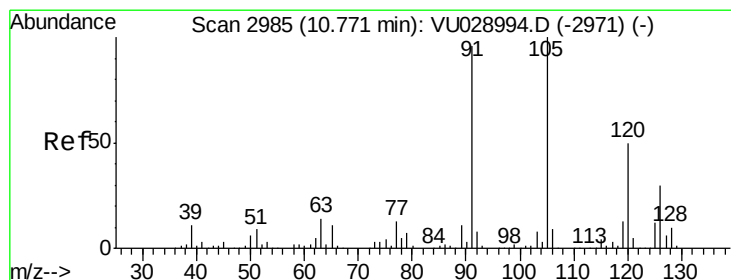
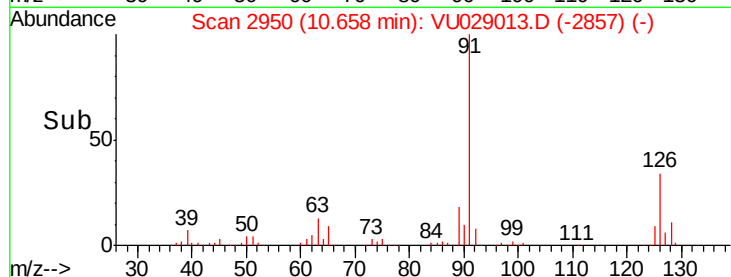
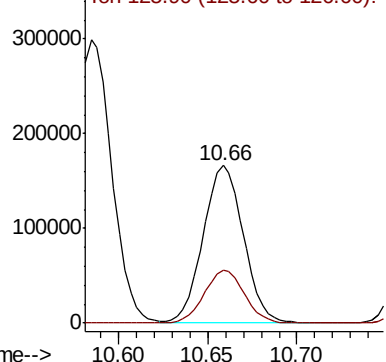
Tgt Ion: 91 Resp: 259902
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.8 50.4

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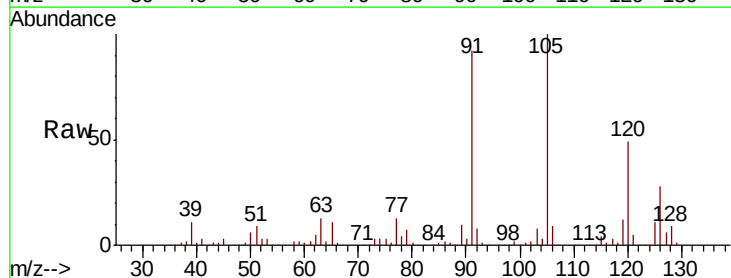


Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2939) (-)
 Ion 125.90 (125.60 to 126.60): VU028994.D (-2939) (-)

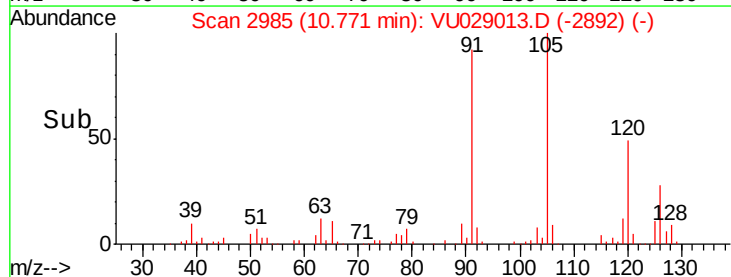
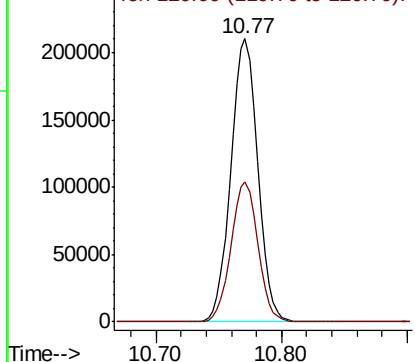


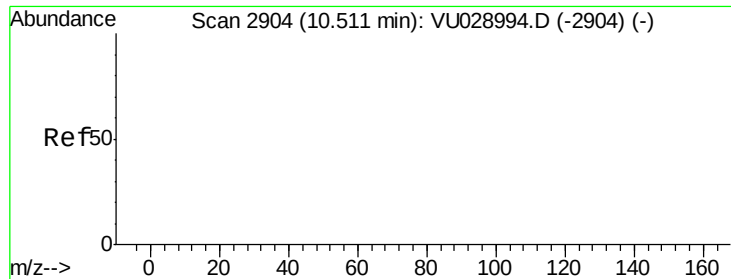
#80
 1,3,5-Trimethylbenzene
 Concen: 50.313 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion: 105 Resp: 312377
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)
 Ion 120.00 (119.70 to 120.70): VU028994.D (-2971) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.282 ug/l

RT: 10.51 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

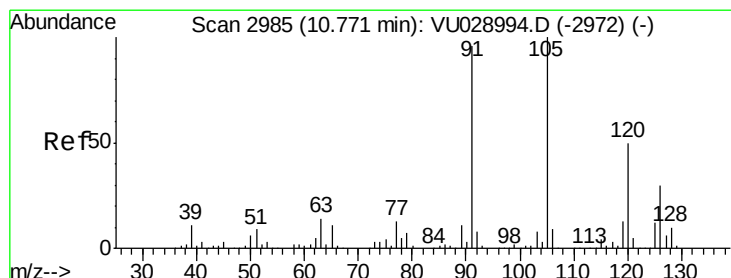
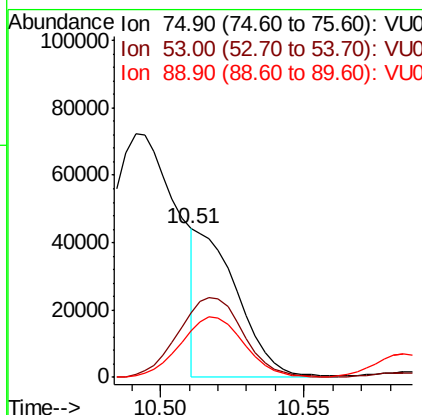
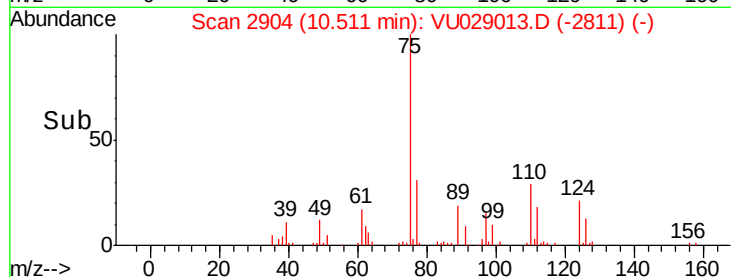
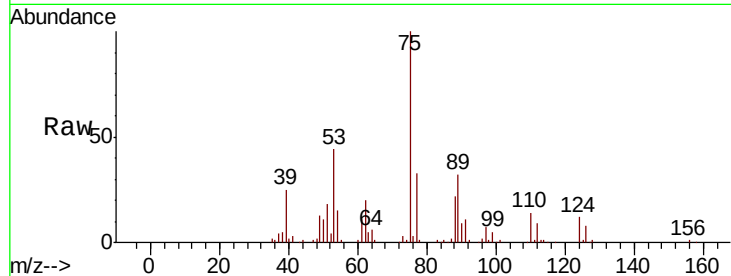
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

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#82

4-Chlorotoluene

Concen: 48.894 ug/l

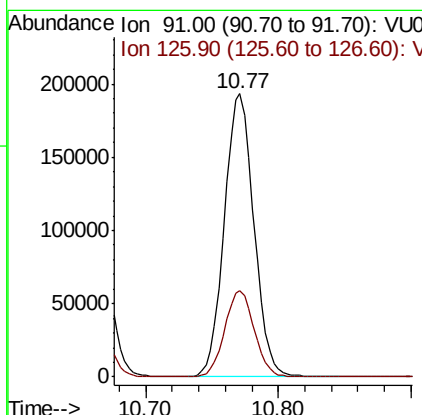
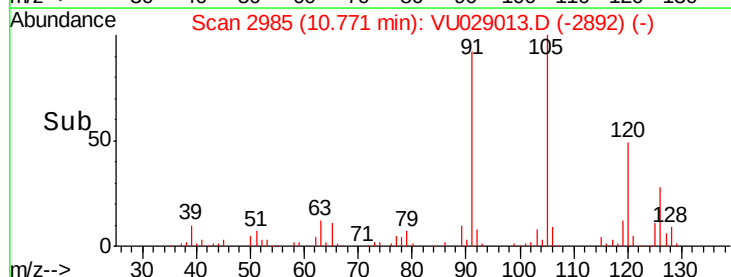
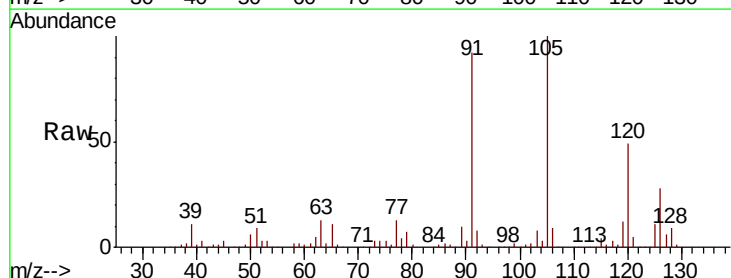
RT: 10.77 min Scan# 2985

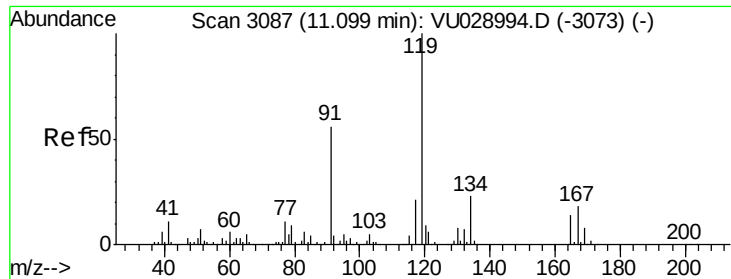
Delta R.T. -0.00 min

Lab File: VU029013.D

Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





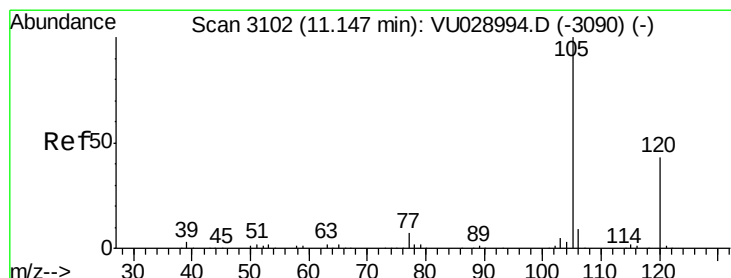
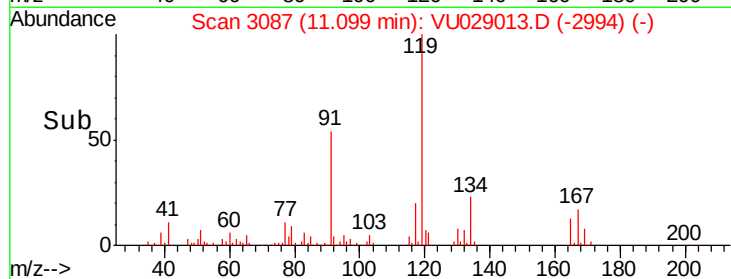
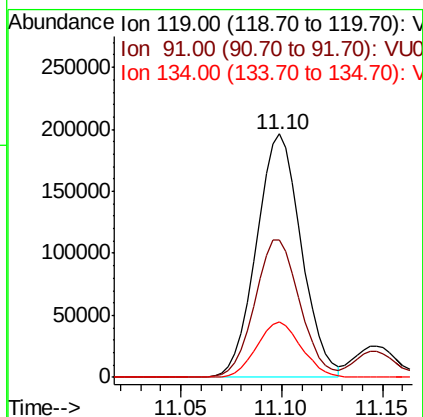
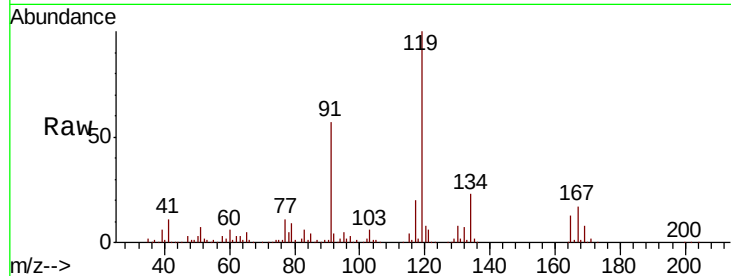
#83
 tert-Butylbenzene
 Concen: 49.737 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	304361		
91	56.9	28.2	84.6	
134	22.7	11.3	33.8	

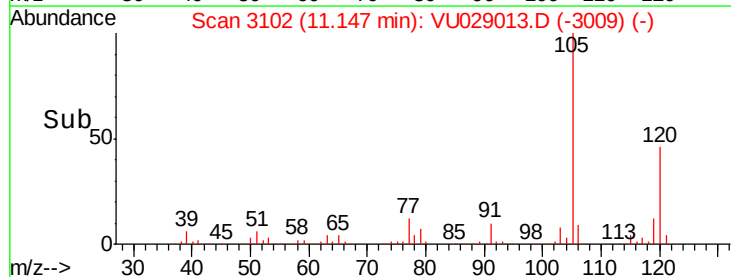
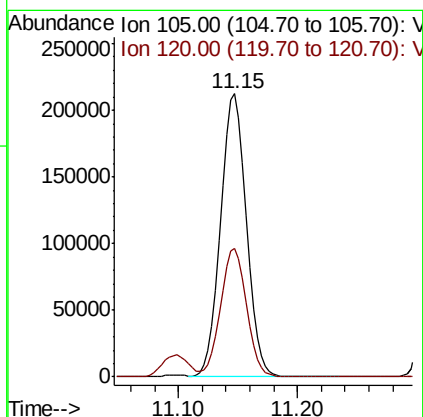
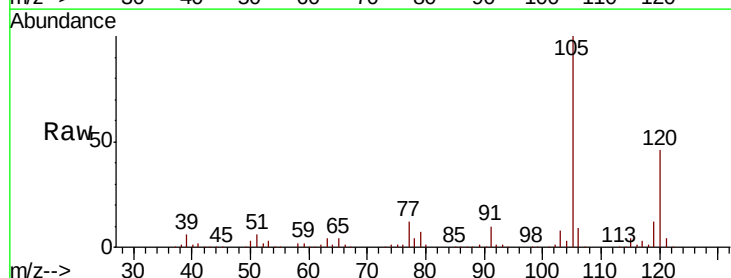
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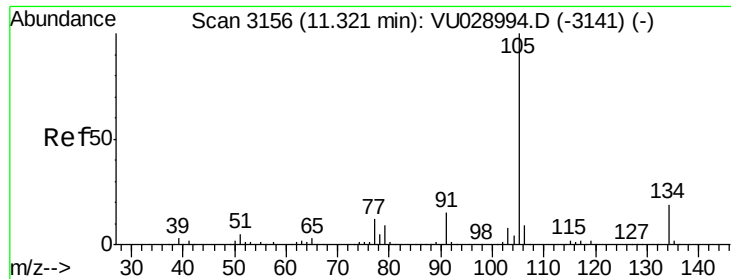
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.438 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318848		
120	45.8	23.1	69.3	





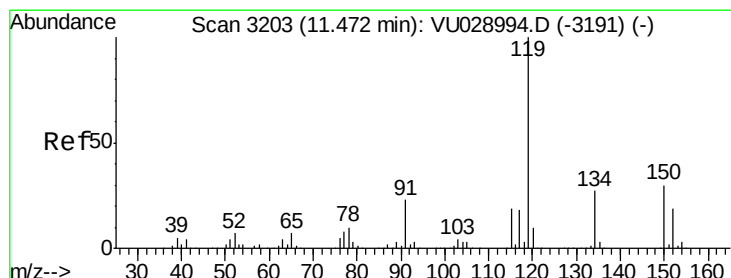
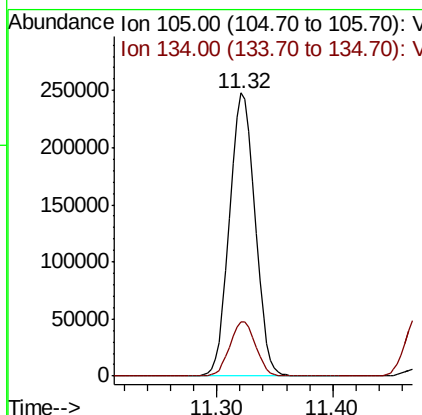
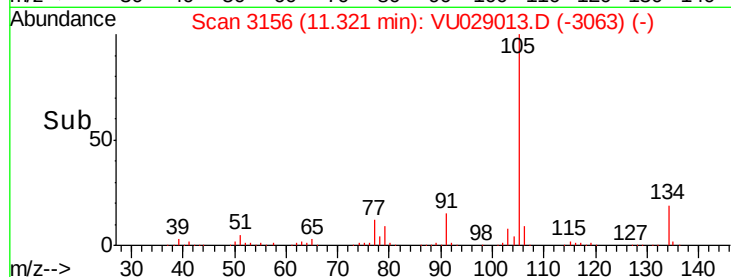
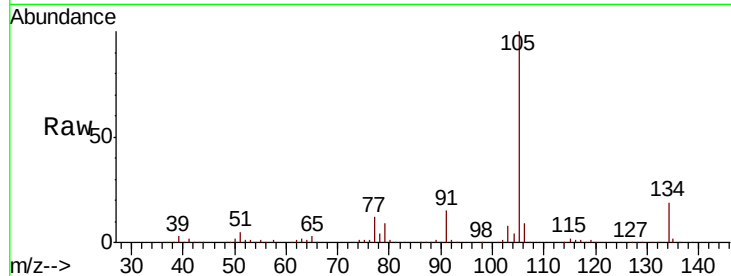
#85
 sec-Butylbenzene
 Concen: 50.789 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 375877
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

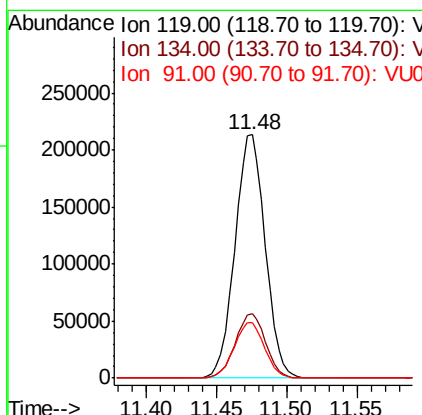
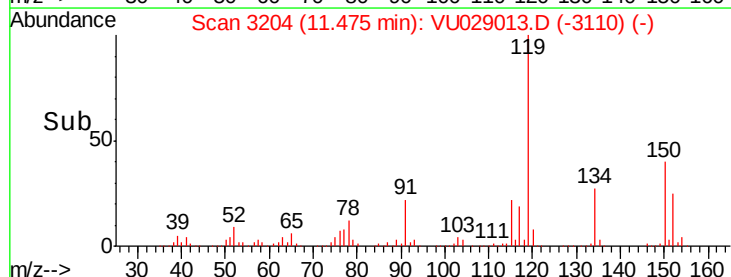
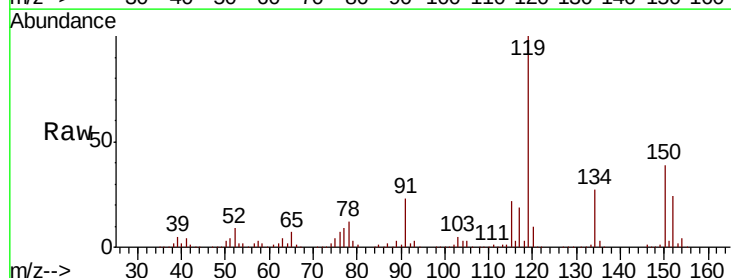
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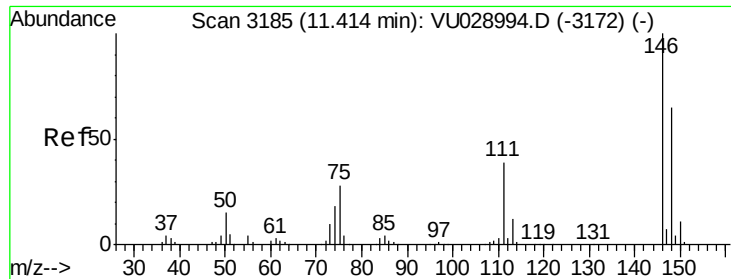
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#86
 p-Isopropyltoluene
 Concen: 50.756 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion:119 Resp: 320084
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 23.0 11.3 33.8





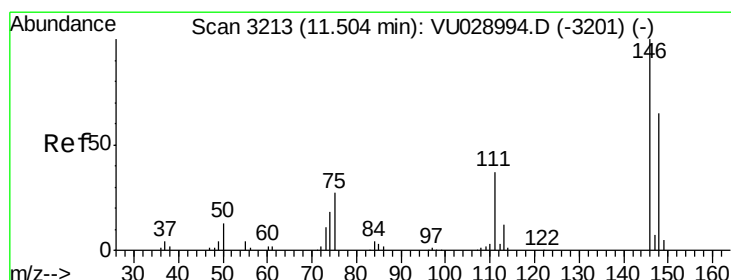
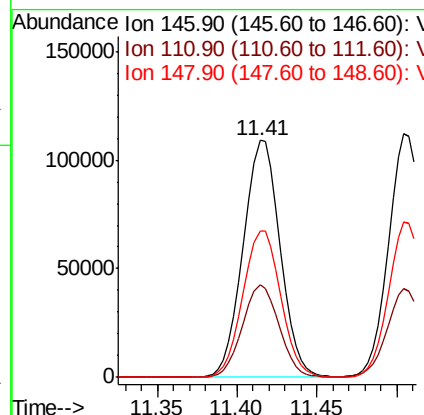
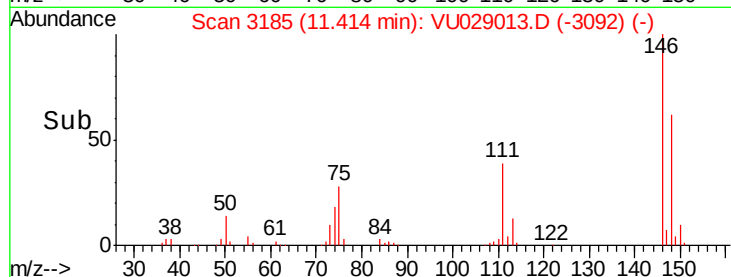
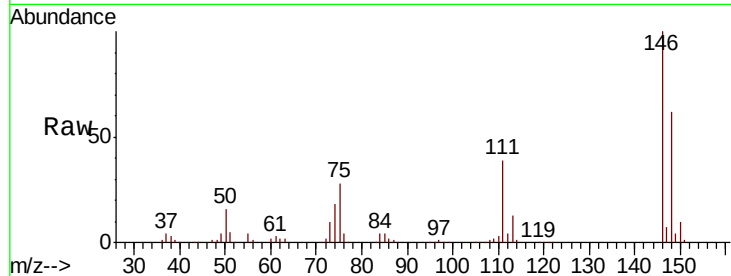
#87
 1,3-Dichlorobenzene
 Concen: 48.378 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.8
148	63.0	32.5	97.5

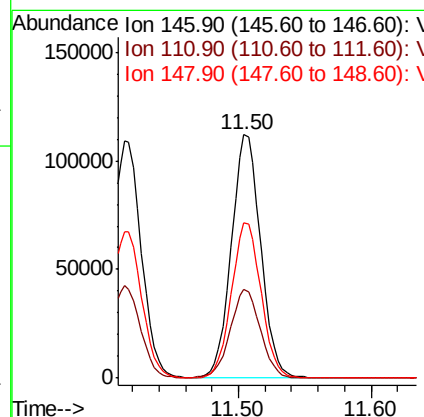
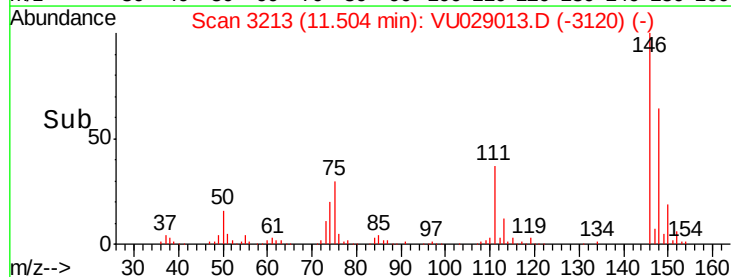
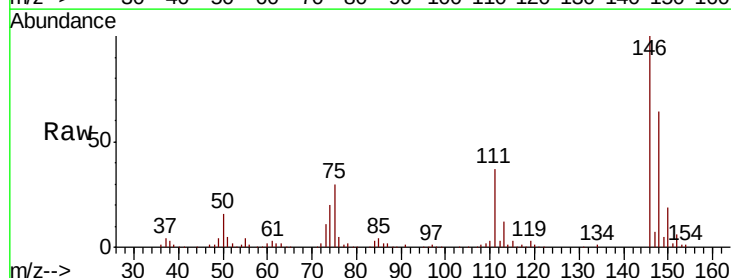
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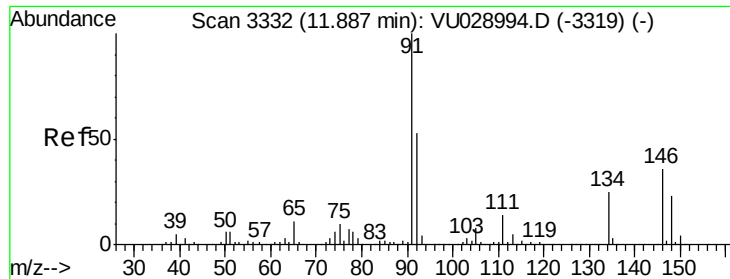
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#88
 1,4-Dichlorobenzene
 Concen: 46.709 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	64.7	32.6	98.0





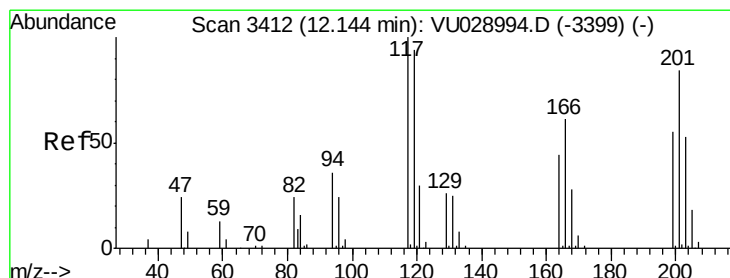
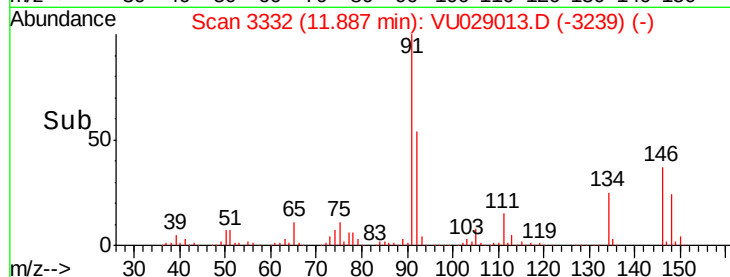
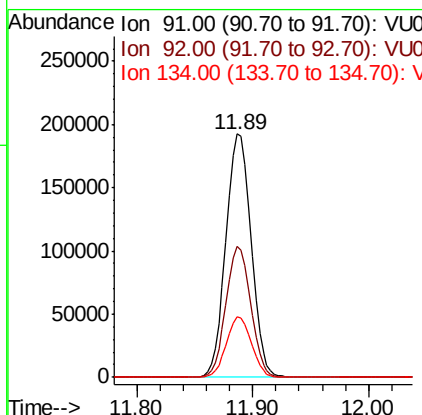
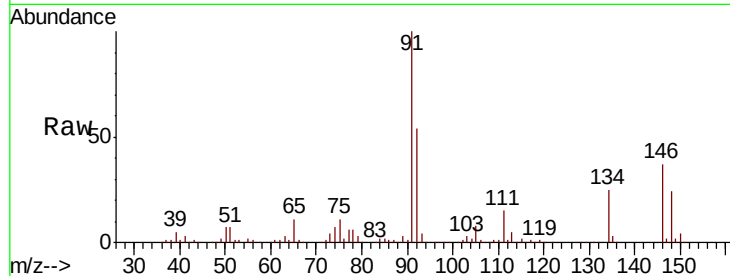
#89
n-Butylbenzene
Concen: 51.449 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 289588
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 24.8 12.6 37.6

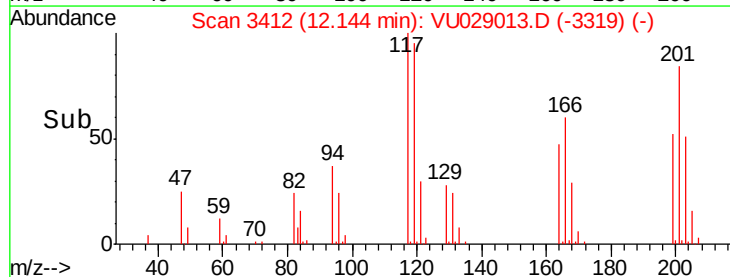
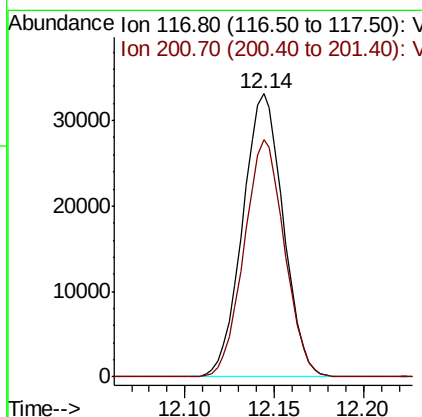
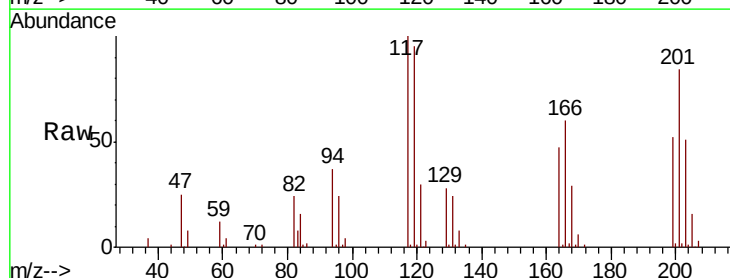
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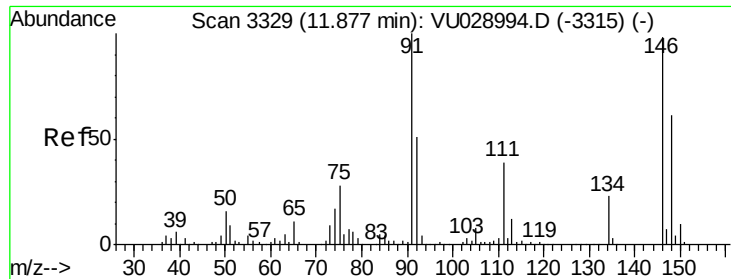
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#90
Hexachloroethane
Concen: 49.865 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion: 117 Resp: 52902
Ion Ratio Lower Upper
117 100
201 83.0 42.4 127.3





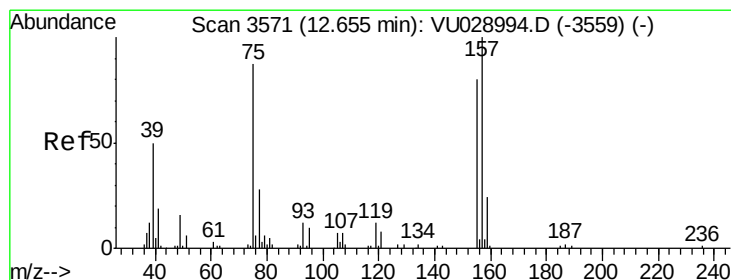
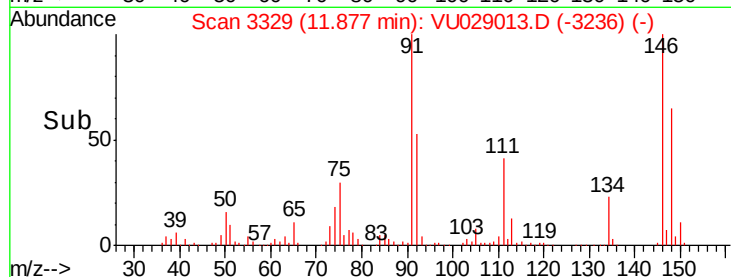
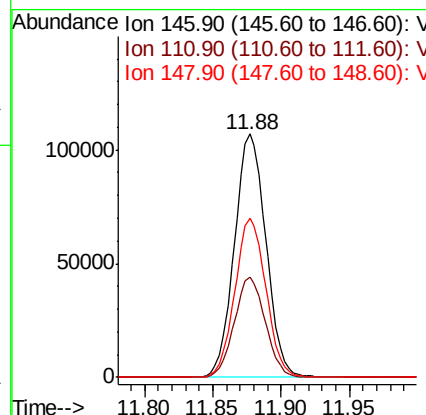
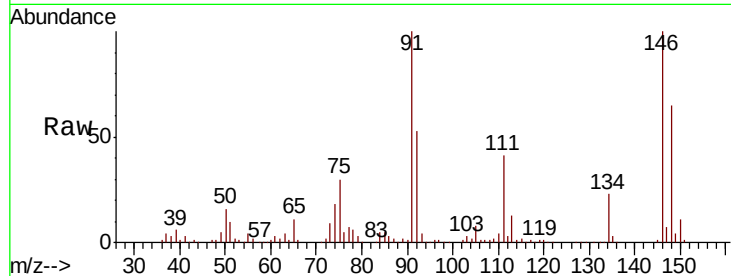
#91
 1,2-Dichlorobenzene
 Concen: 47.936 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	64.4	31.6	94.8

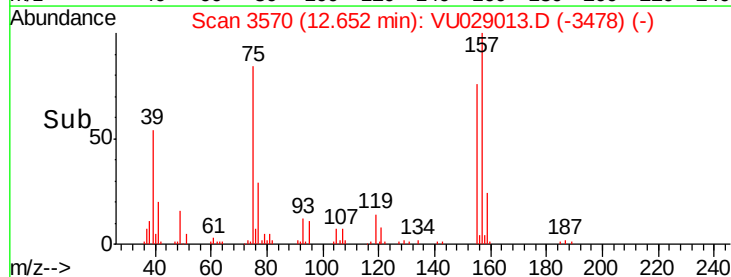
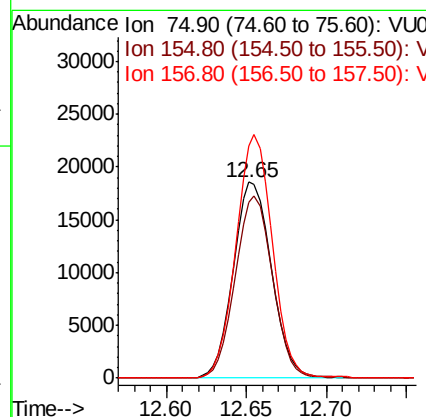
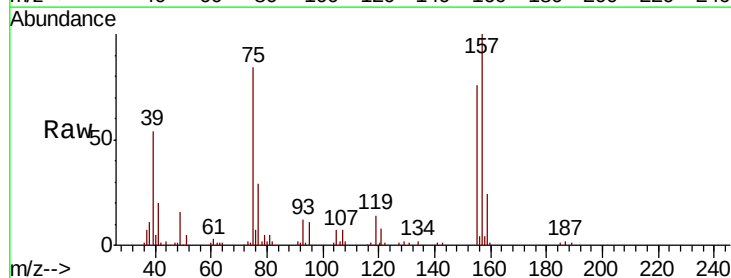
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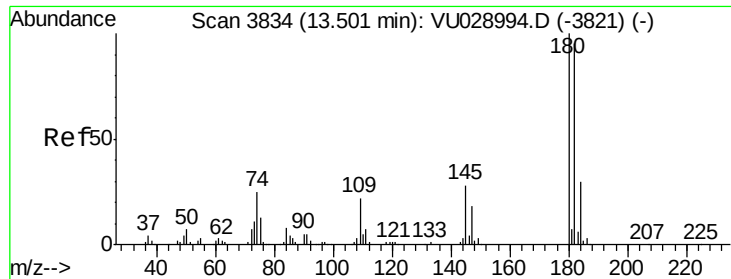
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.777 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.2	46.3	138.8
157	117.5	57.4	172.0





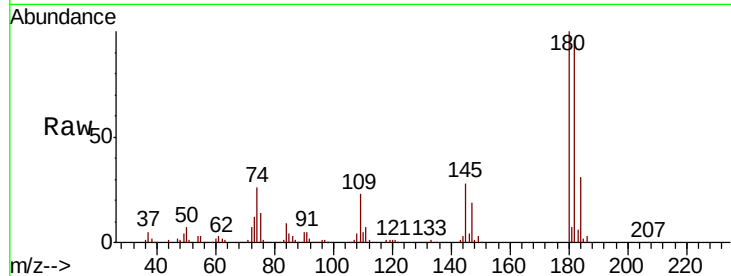
#93
 1,2,4-Trichlorobenzene
 Concen: 48.936 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.5	142.6
145	28.2	14.0	42.0

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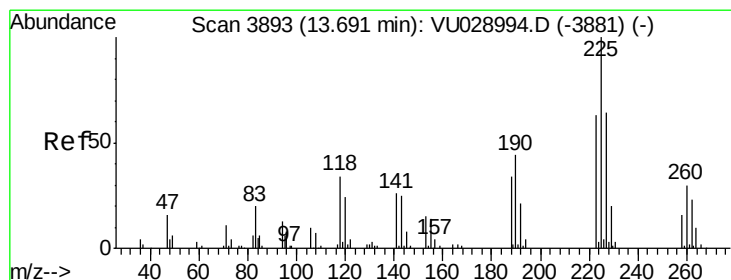
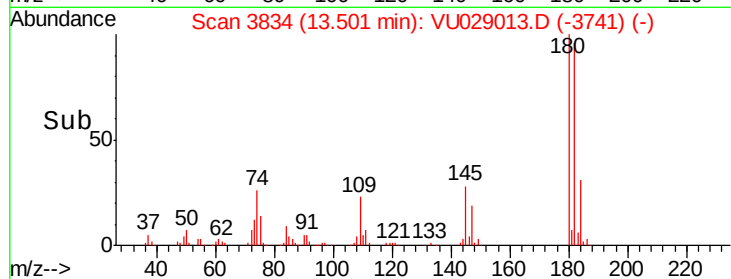
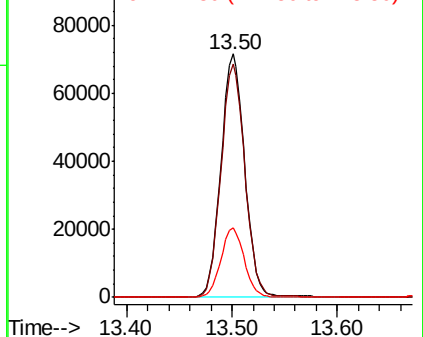


Abundance

Ion 179.80 (179.50 to 180.50): V

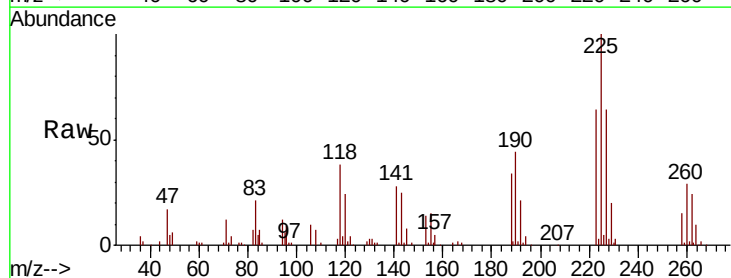
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.809 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU029013.D
 Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.4	94.0
227	62.7	31.9	95.5

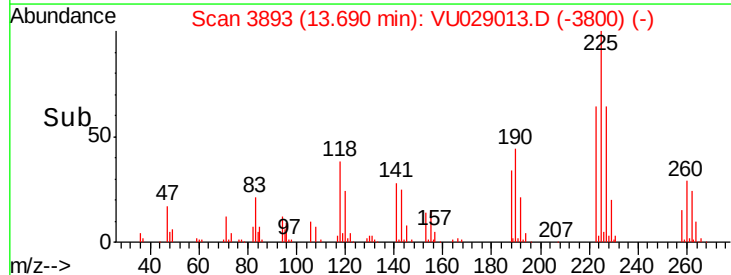
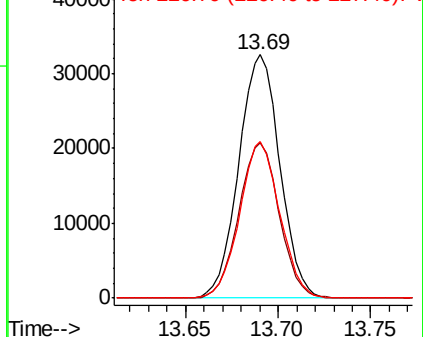


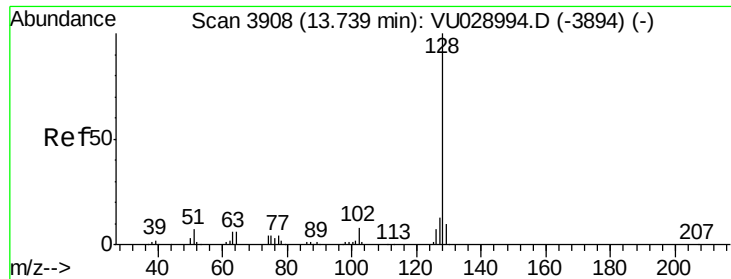
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





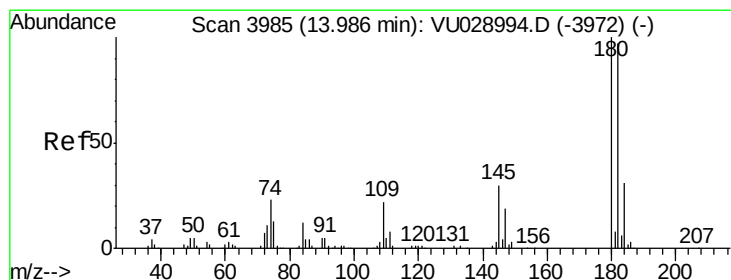
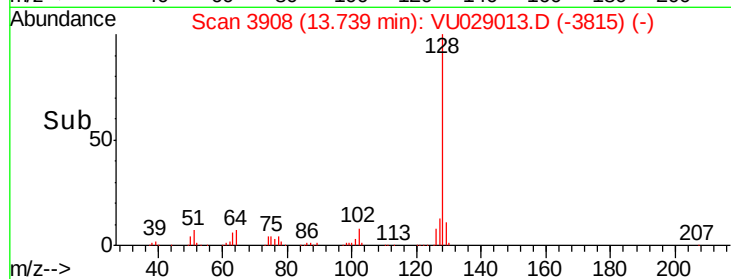
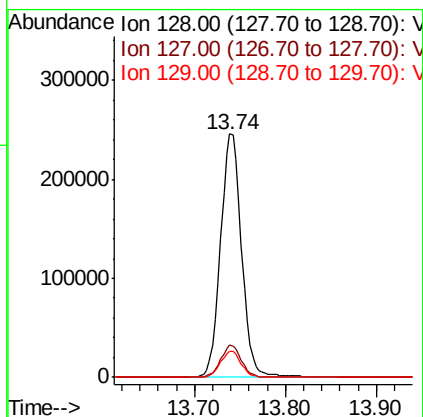
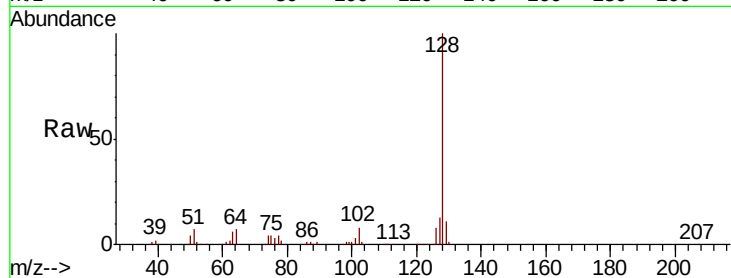
#95
Naphthalene
Concen: 50.873 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. -0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	395431		
127	12.9	10.1	15.1	
129	10.6	8.5	12.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.124 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029013.D
Acq: 03 Jan 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117909		
182	94.6	48.1	144.3	
145	30.0	14.8	44.4	

