

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100218\
 Data File : VU027335.D
 Acq On : 02 Oct 2018 09:17
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 6:14:43 PM

Quant Time: Oct 03 02:08:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	182499	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87646	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	83062	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
35) Dibromofluoromethane	4.88	113	59379	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	7.57	98	230175	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	10.31	95	83495	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	83746	53.593	ug/l	100
3) Chloromethane	1.33	50	104661	49.471	ug/l	100
4) Vinyl Chloride	1.40	62	98493	49.526	ug/l	100
5) Bromomethane	1.62	94	36662	42.604	ug/l	99
6) Chloroethane	1.69	64	55418	46.374	ug/l	98
7) Trichlorofluoromethane	1.88	101	105505	52.286	ug/l	97
8) Diethyl Ether	2.10	74	45576	49.032	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59509	50.782	ug/l	99
10) Methyl Iodide	2.41	142	40634	41.354	ug/l	98
11) Tert butyl alcohol	2.83	59	89588	235.057	ug/l	98
12) 1,1-Dichloroethene	2.28	96	54826	47.887	ug/l	95
13) Acrolein	2.19	56	63277	197.858	ug/l	99
14) Allyl chloride	2.59	41	131980	48.544	ug/l	99
15) Acrylonitrile	2.93	53	246564	248.556	ug/l	99
16) Acetone	2.32	43	248003	231.949	ug/l	100
17) Carbon Disulfide	2.48	76	192253	46.559	ug/l	100
18) Methyl Acetate	2.61	43	119640	49.050	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	226962	49.475	ug/l	98
20) Methylene Chloride	2.70	84	70868	47.583	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	63140	49.121	ug/l	98
22) Diisopropyl ether	3.57	45	279327	50.549	ug/l	99
23) Vinyl Acetate	3.52	43	1224282	253.694	ug/l	100
24) 1,1-Dichloroethane	3.44	63	142036	49.999	ug/l	99
25) 2-Butanone	4.26	43	364668	250.108	ug/l	99
26) 2,2-Dichloropropane	4.23	77	114811	49.186	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	71559	48.681	ug/l	98
28) Bromochloromethane	4.55	49	69936	51.028	ug/l	100
29) Tetrahydrofuran	4.64	42	229367	249.617	ug/l	99
30) Chloroform	4.67	83	126554	50.142	ug/l	100
31) Cyclohexane	5.00	56	136205	46.908	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	106465	50.086	ug/l	99
36) 1,1-Dichloropropene	5.14	75	98504	49.711	ug/l	99
37) Ethyl Acetate	4.38	43	127861	49.928	ug/l	99
38) Carbon Tetrachloride	5.13	117	90028	50.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	116195	50.164	ug/l	98
40) Benzene	5.39	78	286981	49.720	ug/l	100
41) Methacrylonitrile	4.54	41	73180	50.557	ug/l	99
42) 1,2-Dichloroethane	5.40	62	109579	51.145	ug/l	100
43) Isopropyl Acetate	5.55	43	203779	51.234	ug/l	99
44) Trichloroethene	6.19	130	62874	48.852	ug/l	99
45) 1,2-Dichloropropane	6.43	63	83771	50.318	ug/l	96
46) Dibromomethane	6.56	93	49140	52.262	ug/l	98
47) Bromodichloromethane	6.76	83	98466	50.468	ug/l	99
48) Methyl methacrylate	6.62	41	102966	52.058	ug/l	98
49) 1,4-Dioxane	6.61	88	36787	1080.972	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	670128	259.282	ug/l	99
52) Toluene	7.64	92	173684	50.839	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	115883	50.658	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	123568	50.247	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	69105	51.017	ug/l	99
56) Ethyl methacrylate	8.02	69	117147	45.382	ug/l	99
57) 1,3-Dichloropropane	8.24	76	132277	50.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	343792	241.629	ug/l	100
59) 2-Hexanone	8.36	43	521333	260.029	ug/l	99
60) Dibromochloromethane	8.48	129	70280	51.732	ug/l	99
61) 1,2-Dibromoethane	8.59	107	72573	50.391	ug/l	100
64) Tetrachloroethene	8.23	164	53819	50.090	ug/l	99
65) Chlorobenzene	9.12	112	175996	48.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63216	50.404	ug/l	99
67) Ethyl Benzene	9.25	91	323749	50.297	ug/l	99
68) m/p-Xylenes	9.38	106	242759	103.107	ug/l	100
69) o-Xylene	9.78	106	115953	51.825	ug/l	100
70) Styrene	9.79	104	193253	46.382	ug/l	99
71) Bromoform	9.96	173	50107	49.657	ug/l #	100
73) Isopropylbenzene	10.17	105	316158	49.667	ug/l	100
74) N-amyl acetate	10.02	43	182170	49.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	119380	47.761	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	108877m	47.921	ug/l	
77) Bromobenzene	10.45	156	71191	48.122	ug/l	99
78) n-propylbenzene	10.59	91	388521	50.793	ug/l	99
79) 2-Chlorotoluene	10.66	91	224103	48.524	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	265736	51.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	33352m	38.418	ug/l	
82) 4-Chlorotoluene	10.77	91	263251	50.229	ug/l	99
83) tert-Butylbenzene	11.10	119	250012	49.901	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	271289	51.245	ug/l	100
85) sec-Butylbenzene	11.32	105	323264	51.209	ug/l	98
86) p-Isopropyltoluene	11.48	119	279796	51.767	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	134969	48.181	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	137786	48.134	ug/l	99
89) n-Butylbenzene	11.89	91	263853	46.158	ug/l	100
90) Hexachloroethane	12.15	117	49965	49.043	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	131355	48.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27317	49.313	ug/l	98

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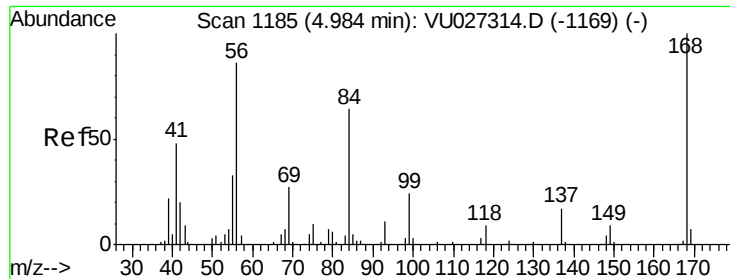
Manual Integrations
APPROVED

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10/3/2018 6:14:43 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	88139	49.955	ug/l	99
94) Hexachlorobutadiene	13.69	225	44086	49.455	ug/l	99
95) Naphthalene	13.74	128	294605	44.644	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	91518	49.788	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 108388

Ion Ratio Lower Upper

168 100

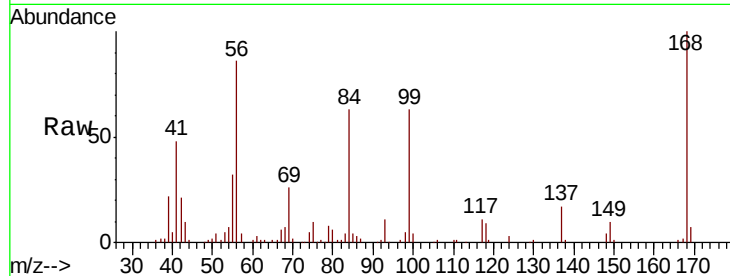
99 61.9 50.8 76.2

Manual Integrations

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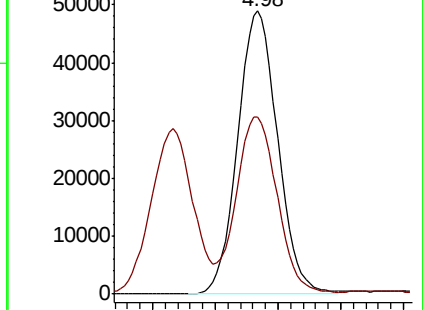
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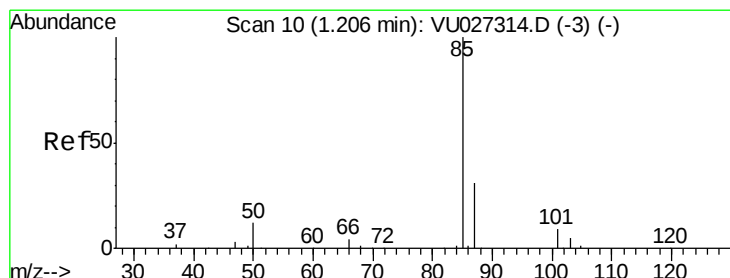
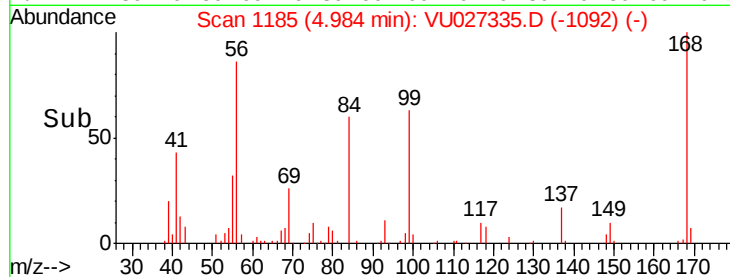


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



Time-->



#2

Dichlorodifluoromethane

Concen: 53.593 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027335.D

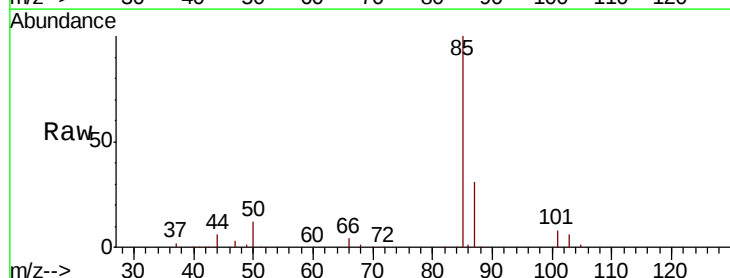
Acq: 02 Oct 2018 09:17

Tgt Ion: 85 Resp: 83746

Ion Ratio Lower Upper

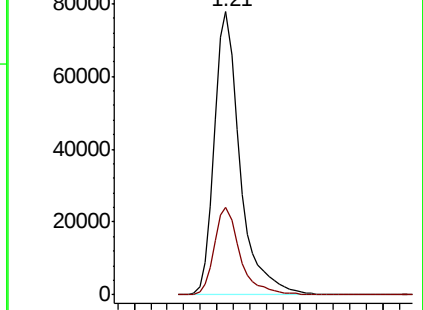
85 100

87 31.1 15.7 47.1

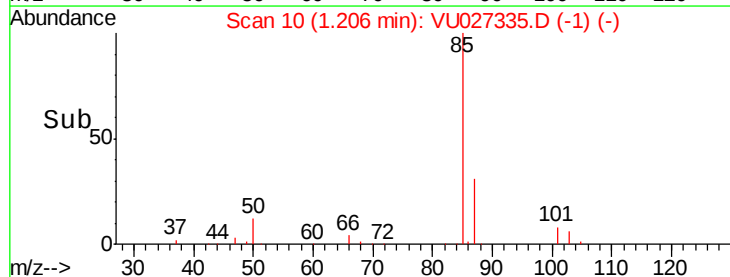


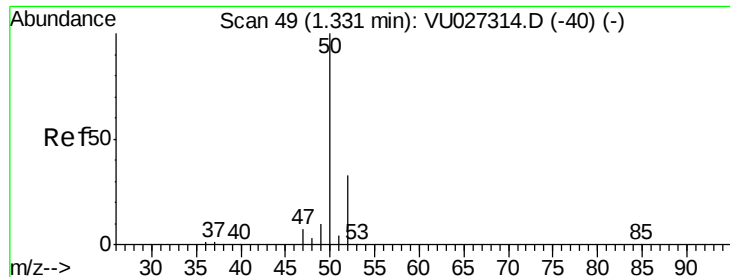
Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)



Time-->





#3

Chloromethane

Concen: 49.471 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 104661

Ion Ratio Lower Upper

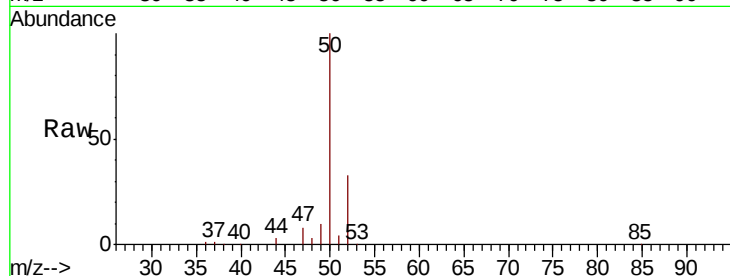
50 100

52 32.8 26.5 39.7

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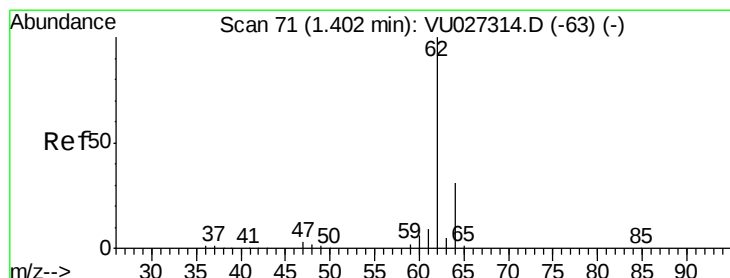
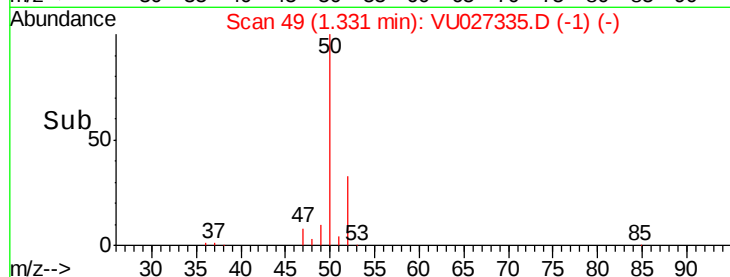
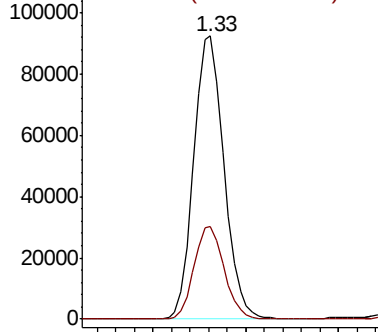
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 49.526 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027335.D

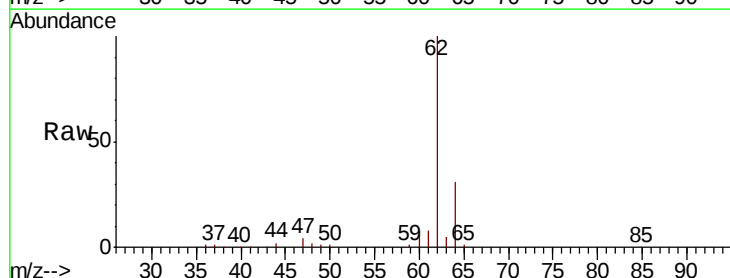
Acq: 02 Oct 2018 09:17

Tgt Ion: 62 Resp: 98493

Ion Ratio Lower Upper

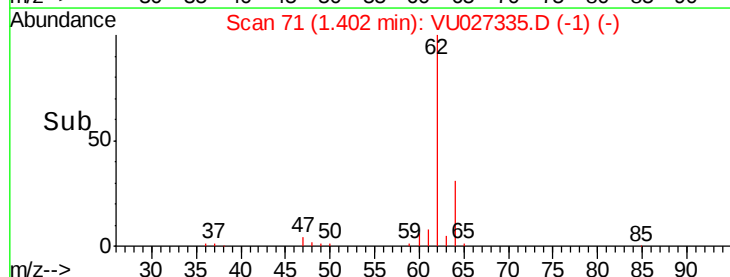
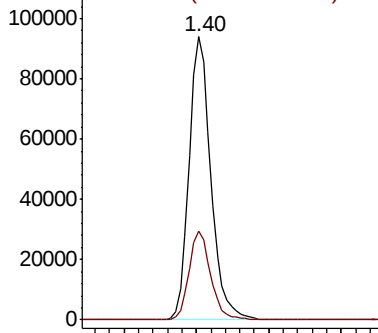
62 100

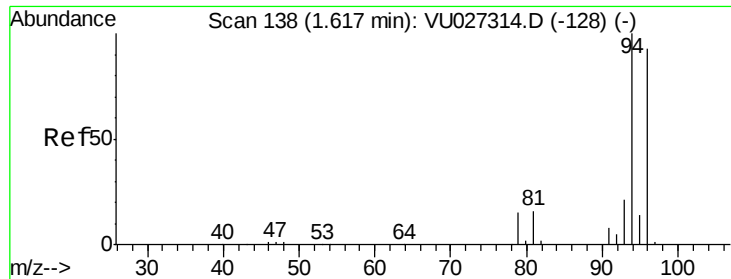
64 31.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 42.604 ug/l

RT: 1.62 min Scan# 138

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 36662

Ion Ratio Lower Upper

94 100

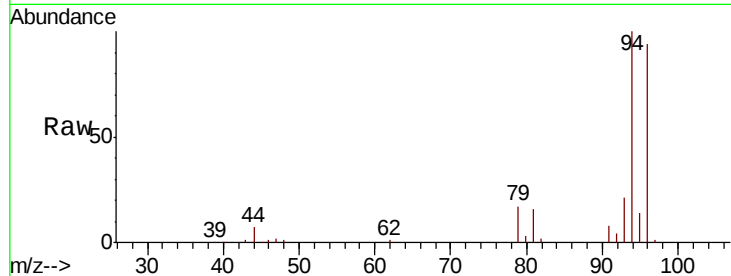
96 94.4 74.6 111.8

Manual Integrations

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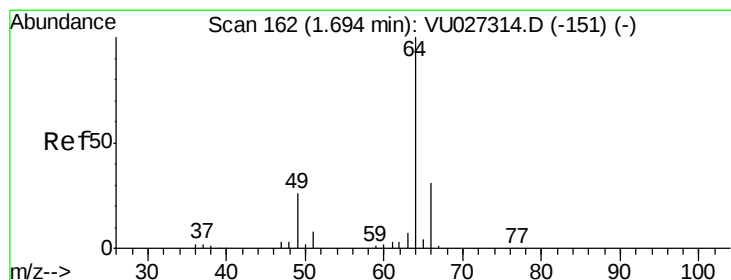
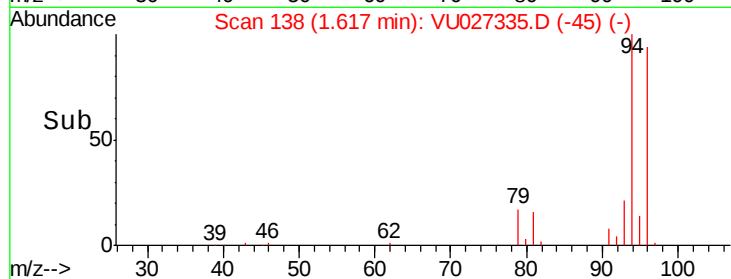
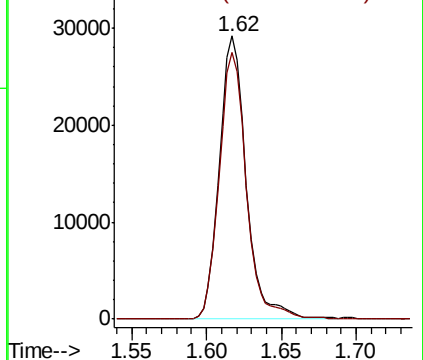
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 46.374 ug/l

RT: 1.69 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU027335.D

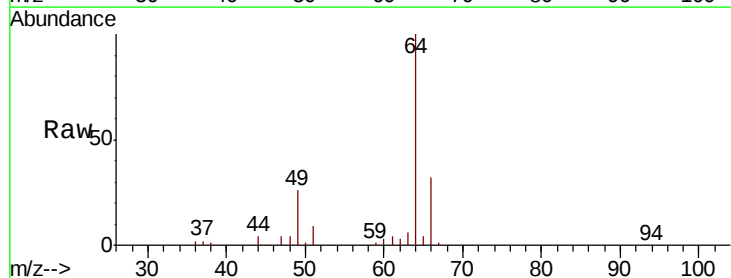
Acq: 02 Oct 2018 09:17

Tgt Ion: 64 Resp: 55418

Ion Ratio Lower Upper

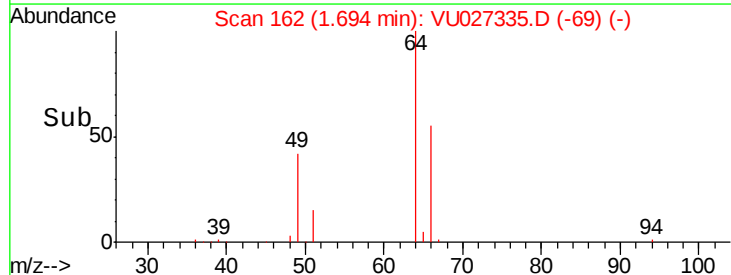
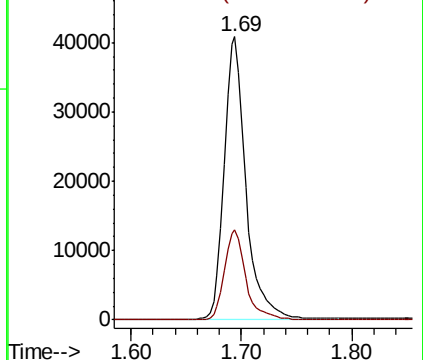
64 100

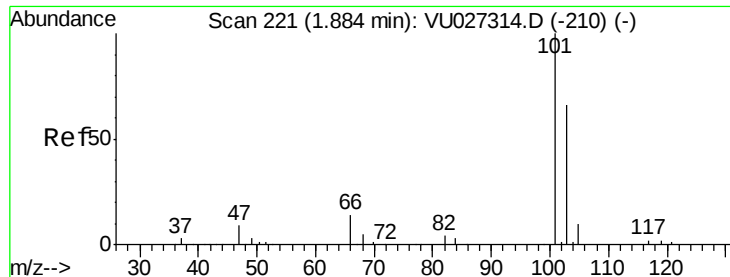
66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

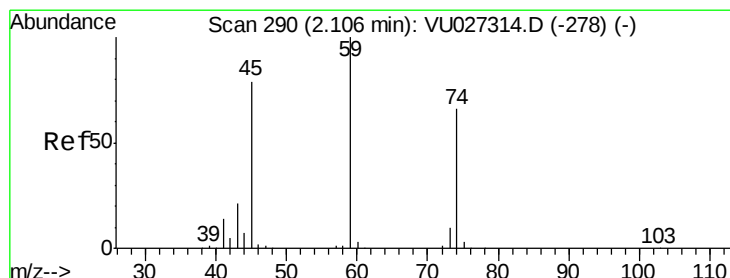
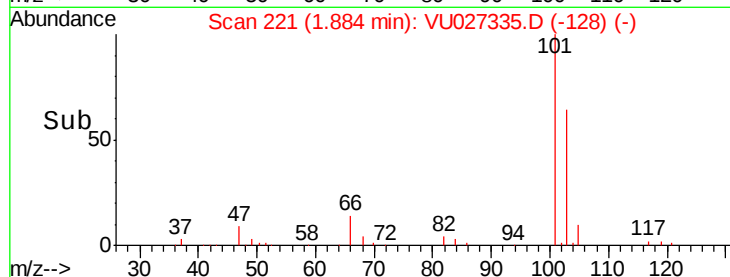
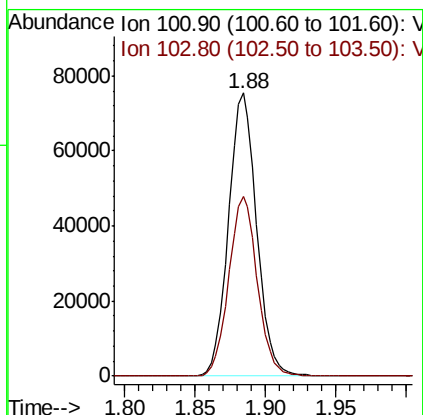
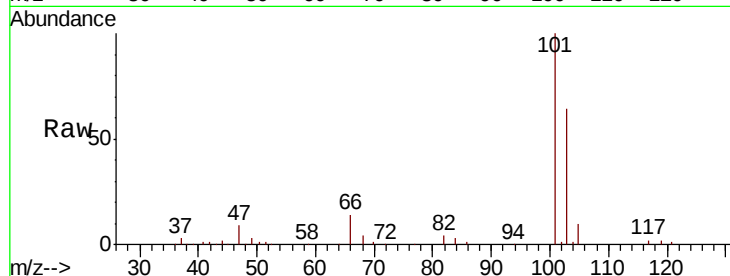
Trichlorofluoromethane
Concen: 52.286 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
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VSTDCCC050

Tot Ion:101 Resp: 105505
Ion Ratio Lower Upper
101 100
103 63.6 52.6 78.8

Manual Integrations
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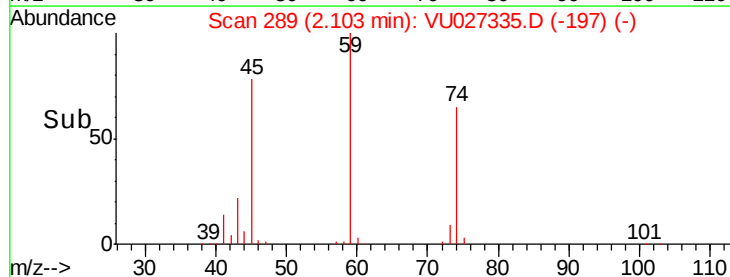
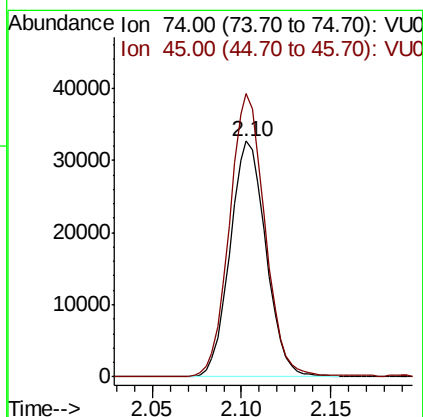
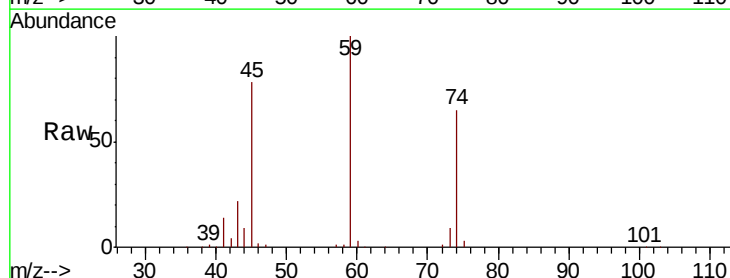
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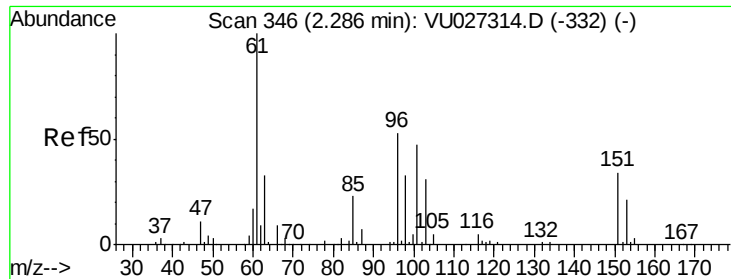


#8

Diethyl Ether
Concen: 49.032 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion: 74 Resp: 45576
Ion Ratio Lower Upper
74 100
45 118.7 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.782 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

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MSVOA_U

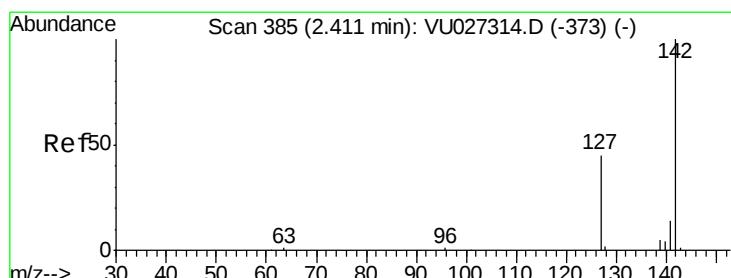
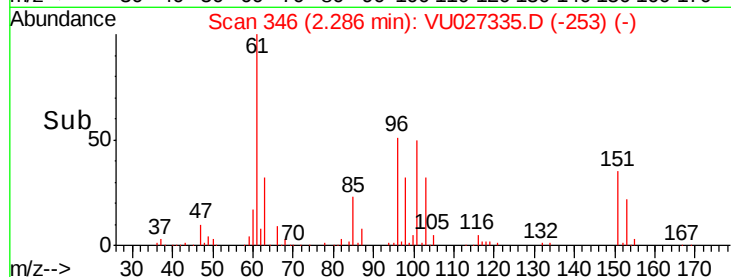
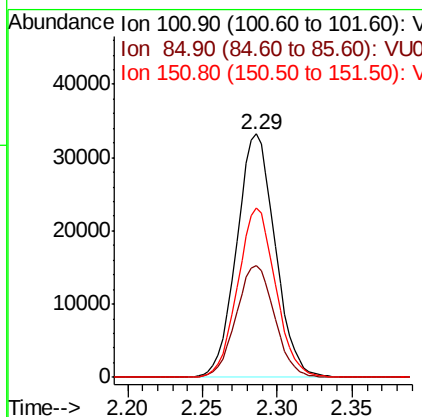
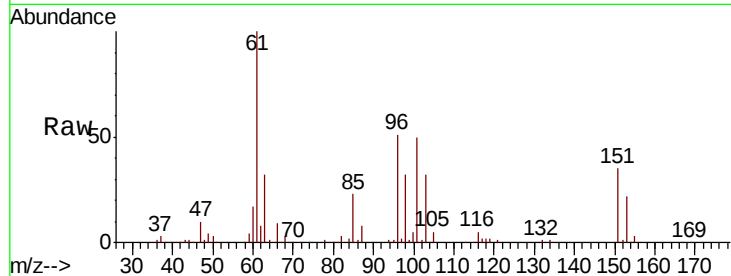
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	59509
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.5	56.3
151	68.6	55.6	83.4

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#10

Methyl Iodide

Concen: 41.354 ug/l

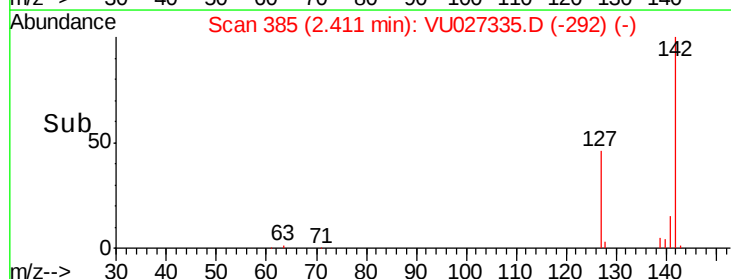
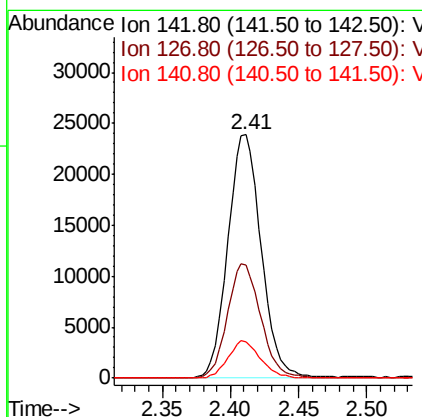
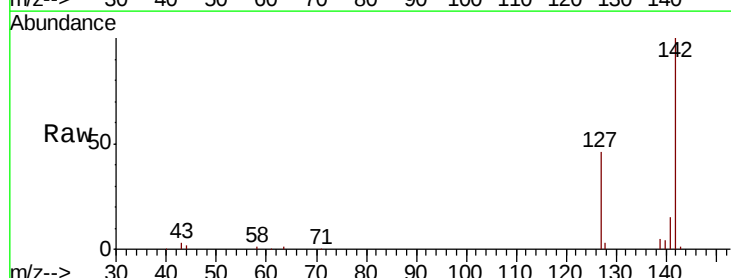
RT: 2.41 min Scan# 385

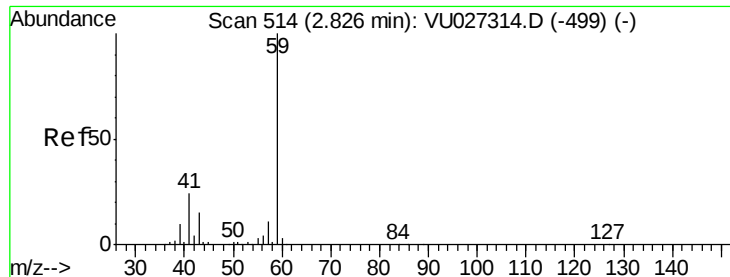
Delta R.T. 0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion:	142	Resp:	40634
Ion Ratio	Lower	Upper	
142	100		
127	46.8	36.3	54.5
141	14.6	11.6	17.4





#11

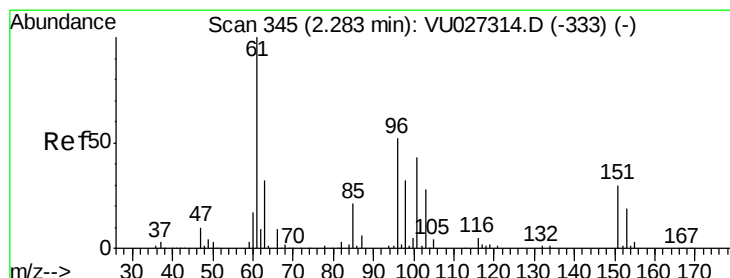
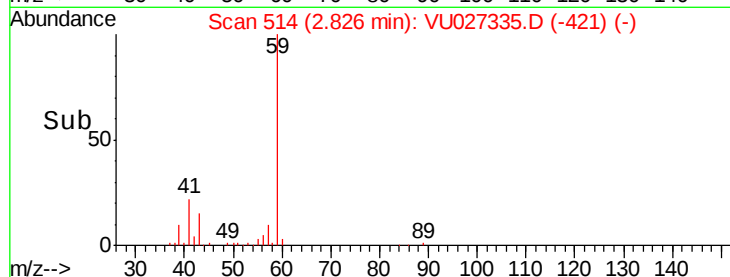
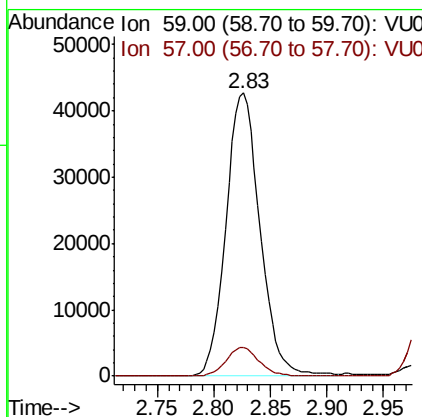
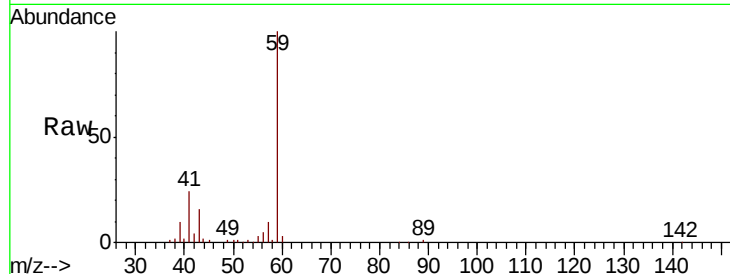
Tert butyl alcohol
Concen: 235.057 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

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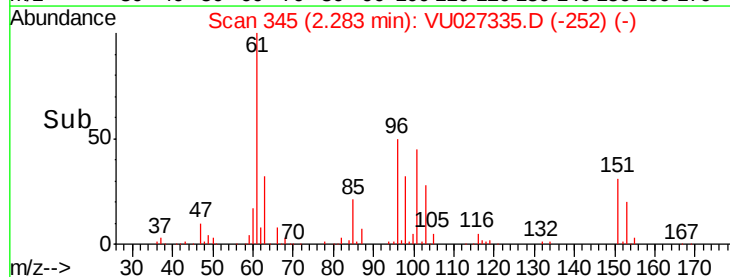
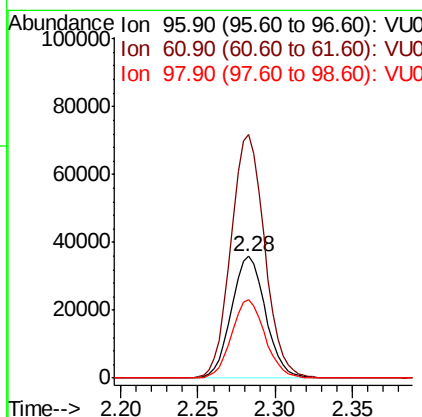
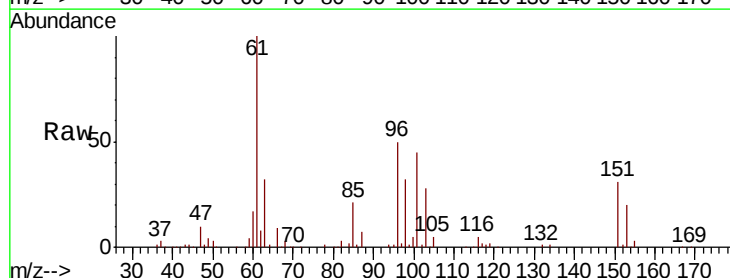
MMDadoda
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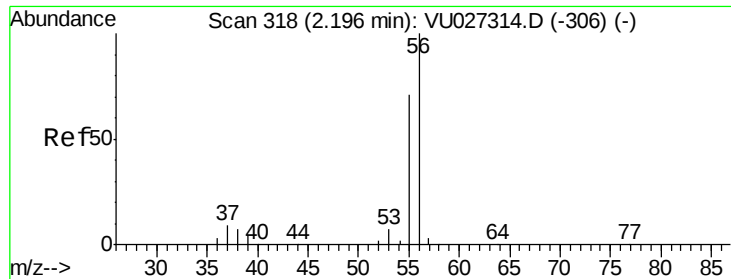


#12

1,1-Dichloroethene
Concen: 47.887 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	200.2	153.0	229.6
98	64.3	49.3	73.9





#13

Acrolein

Concen: 197.858 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 63277

Ion Ratio Lower Upper

56 100

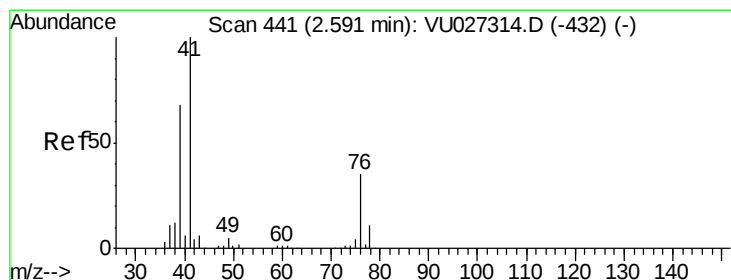
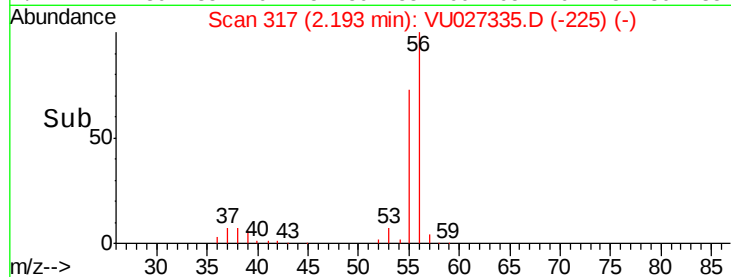
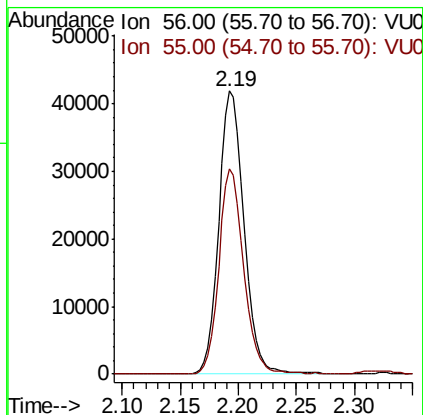
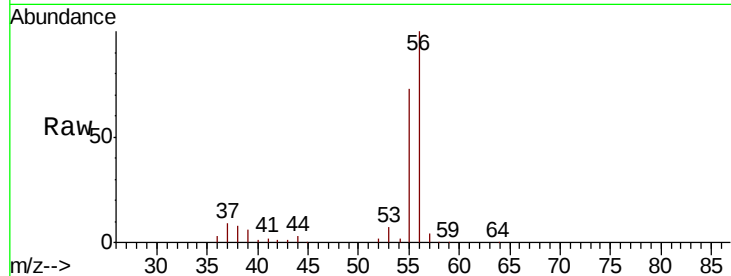
55 71.2 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 48.544 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

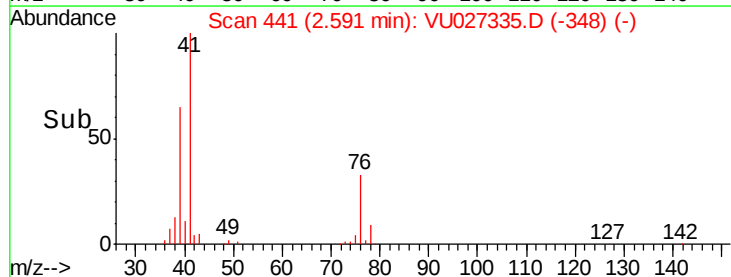
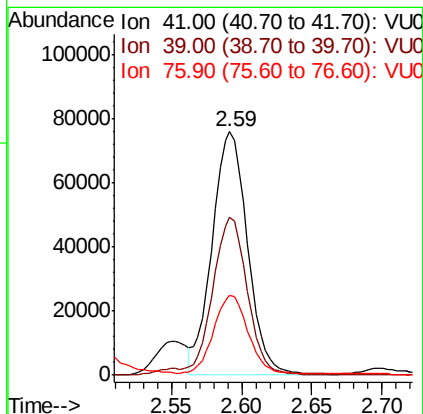
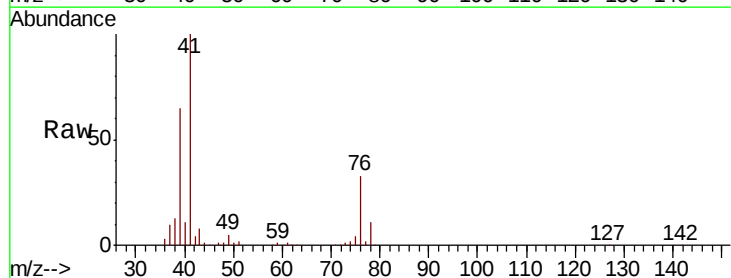
Tgt Ion: 41 Resp: 131980

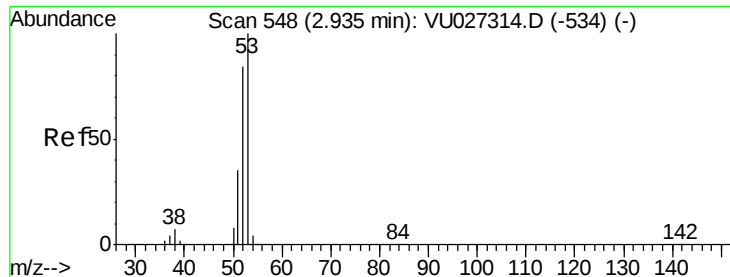
Ion Ratio Lower Upper

41 100

39 65.5 51.8 77.8

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 248.556 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

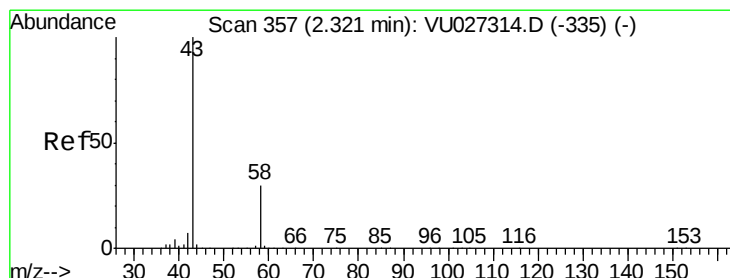
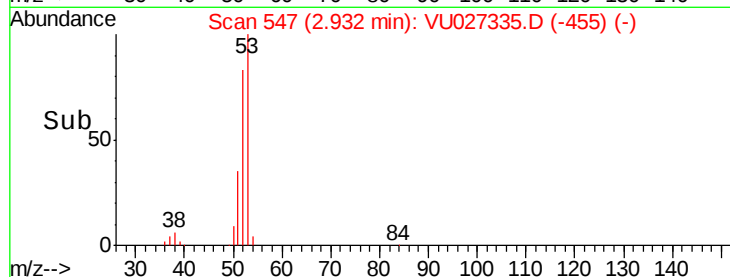
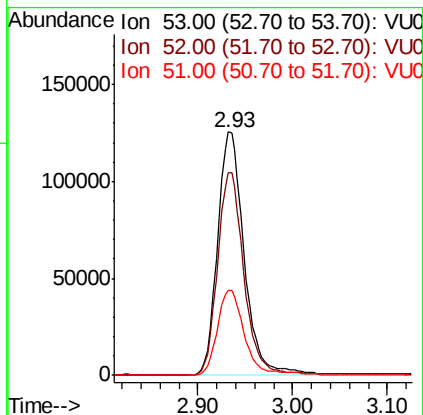
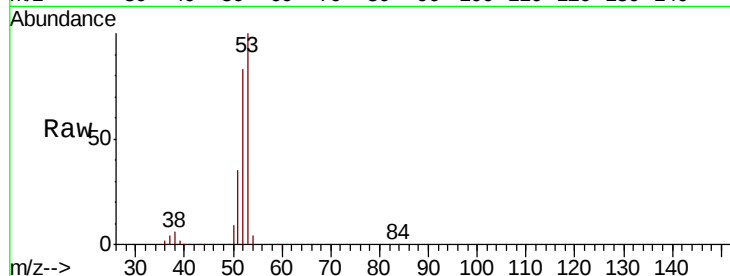
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	246564
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	36.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 231.949 ug/l

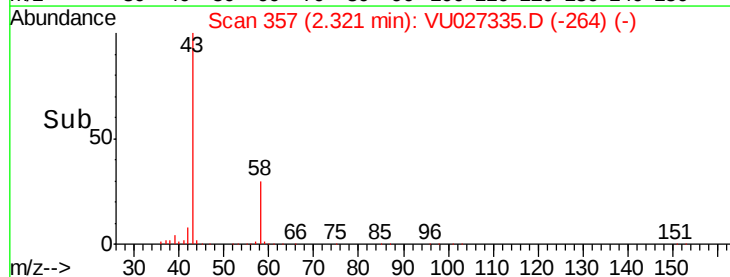
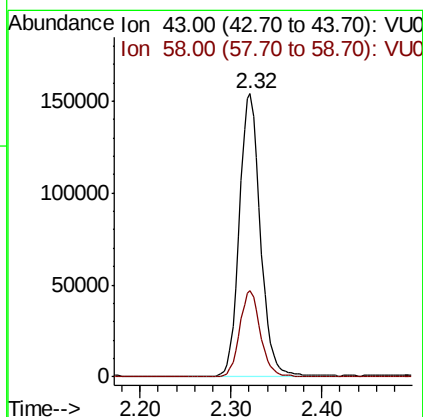
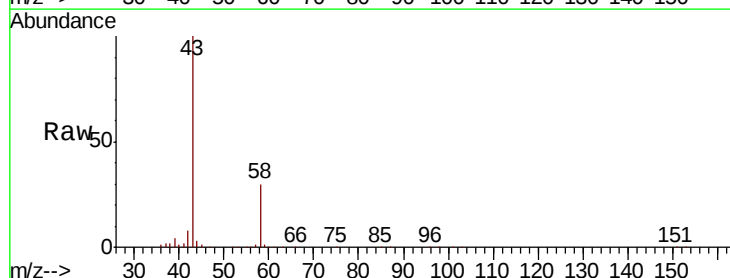
RT: 2.32 min Scan# 357

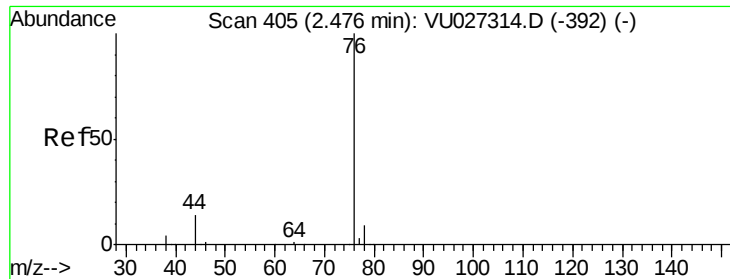
Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion:	43	Resp:	248003
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.2	36.4





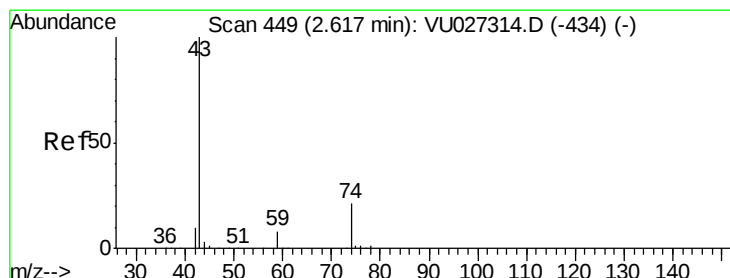
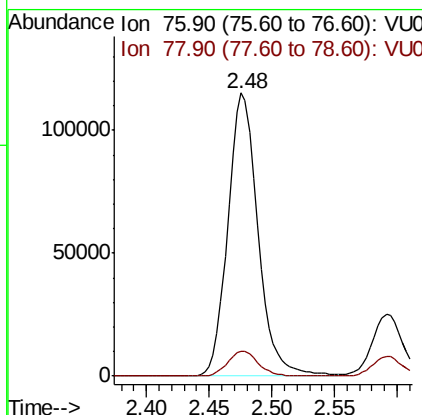
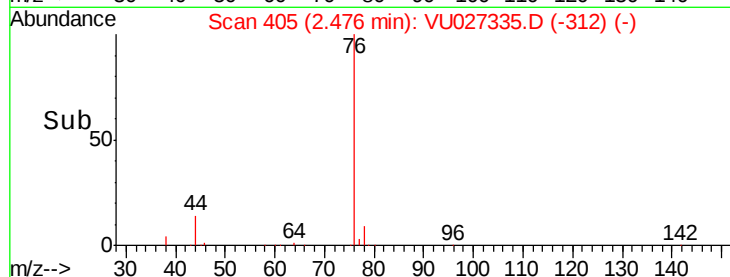
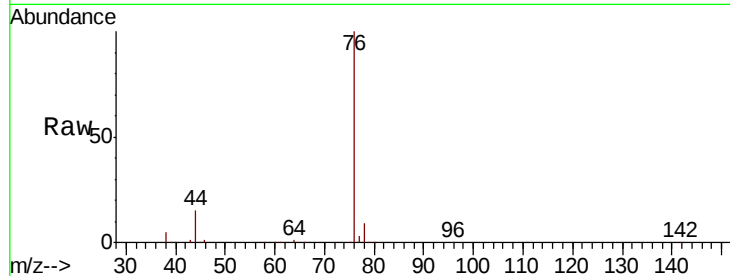
#17
Carbon Disulfide
Concen: 46.559 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

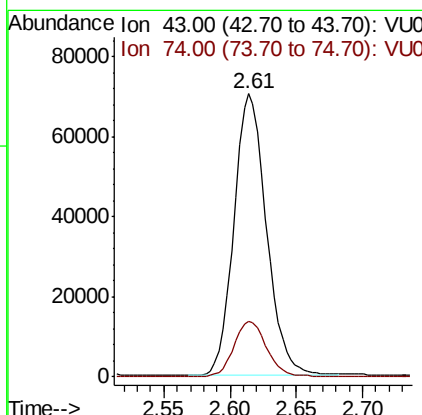
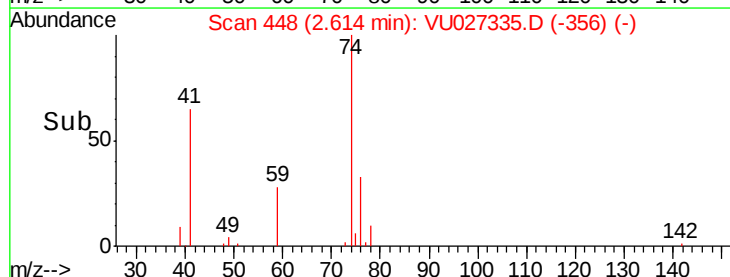
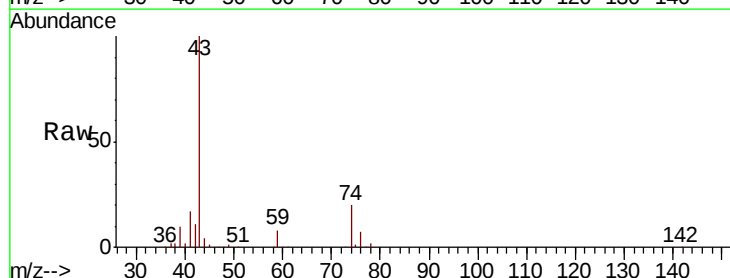
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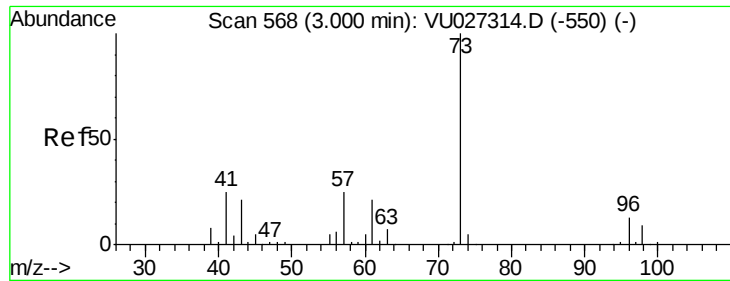
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#18
Methyl Acetate
Concen: 49.050 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	16.5	24.7





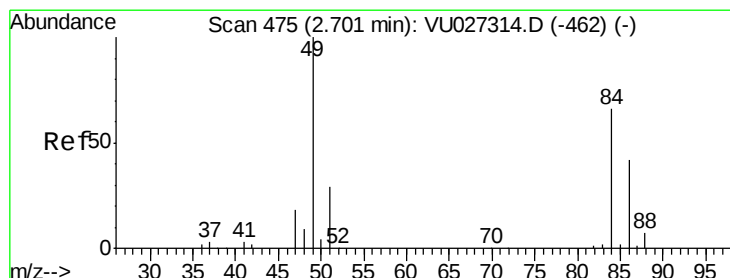
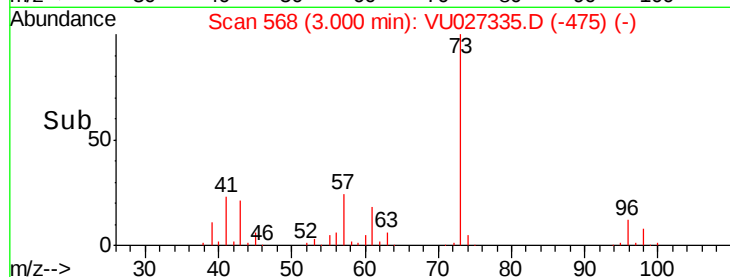
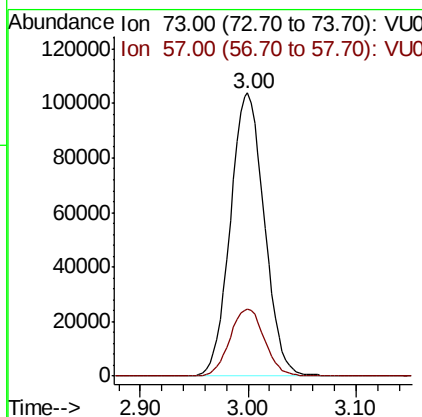
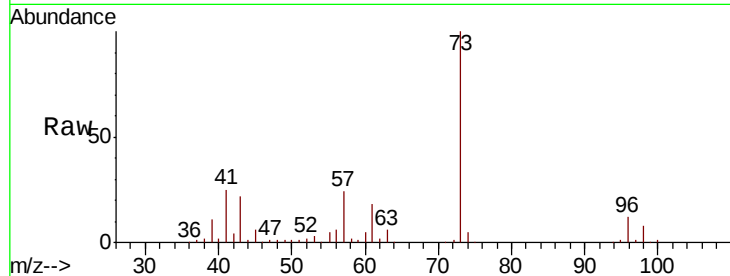
#19
Methyl tert-butyl Ether
Concen: 49.475 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 226962
Ion Ratio Lower Upper
73 100
57 23.9 20.0 30.0

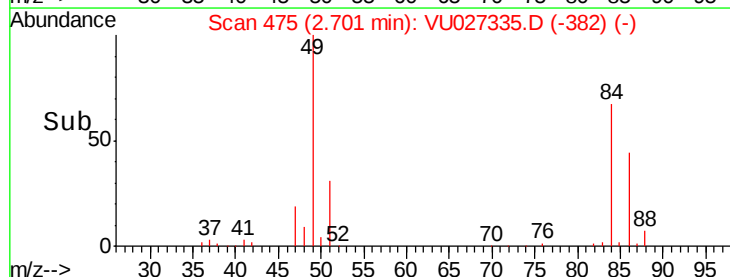
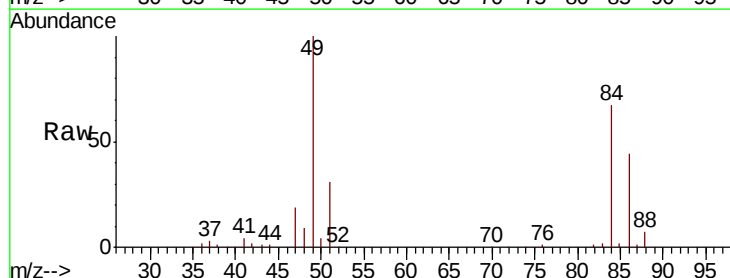
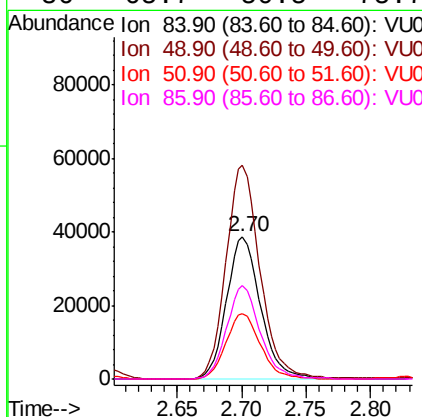
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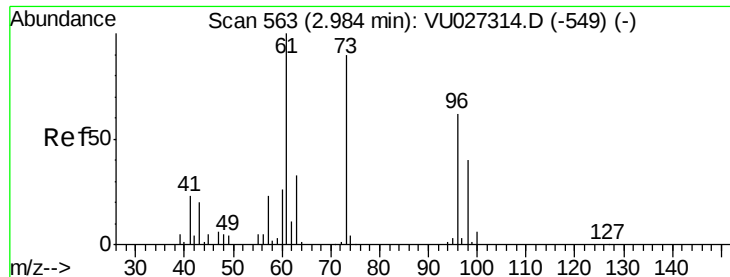
MMDadoda
10/3/2018 6:14:43 PM



#20
Methylene Chloride
Concen: 47.583 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion: 84 Resp: 70868
Ion Ratio Lower Upper
84 100
49 150.2 120.5 180.7
51 46.2 35.1 52.7
86 65.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.121 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

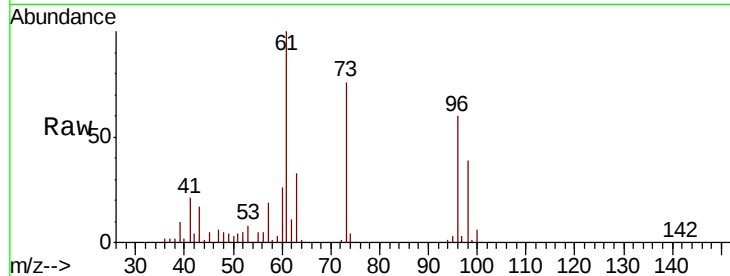
ClientSampleId :

VSTDCCC050

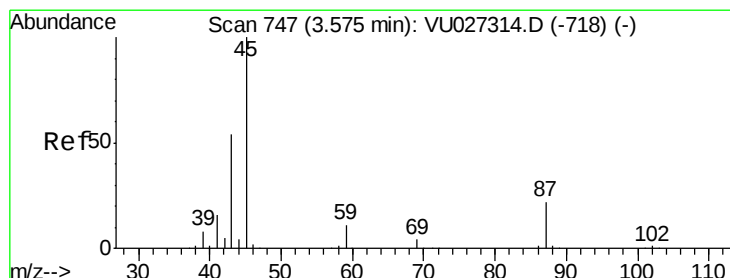
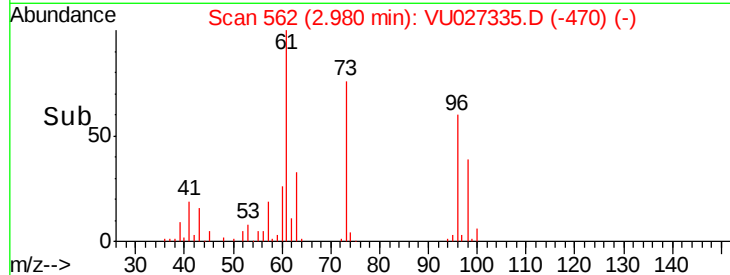
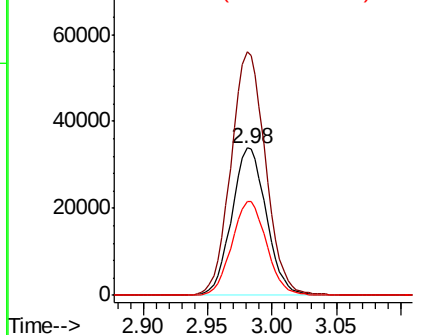
Tot Ion:	96	Resp:	63140
Ion	Ratio	Lower	Upper
96	100		
61	165.3	129.4	194.2
98	63.7	51.2	76.8

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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



#22

Diisopropyl ether

Concen: 50.549 ug/l

RT: 3.57 min Scan# 746

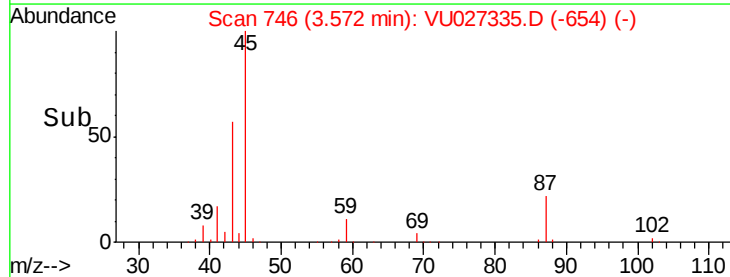
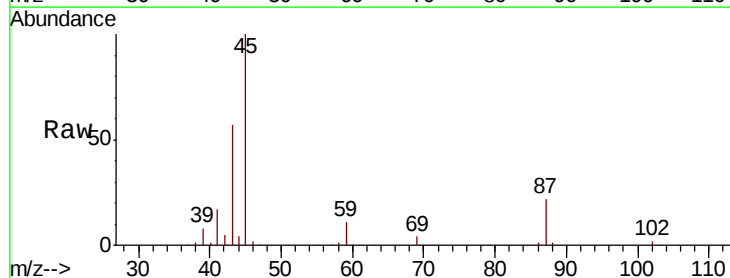
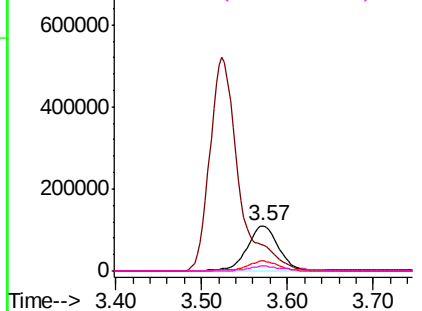
Delta R.T. -0.00 min

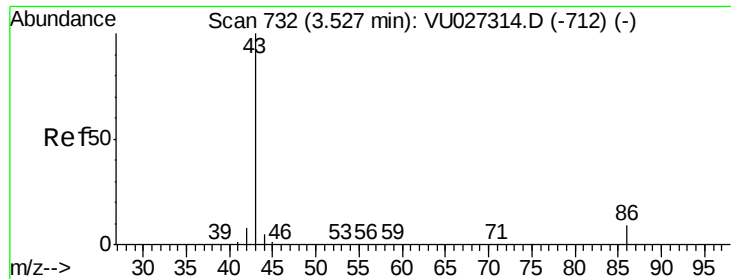
Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion:	45	Resp:	279327
Ion	Ratio	Lower	Upper
45	100		
43	55.0	43.4	65.2
87	22.0	17.5	26.3
59	10.5	8.6	13.0

Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 253.694 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1224282

Ion Ratio Lower Upper

43 100

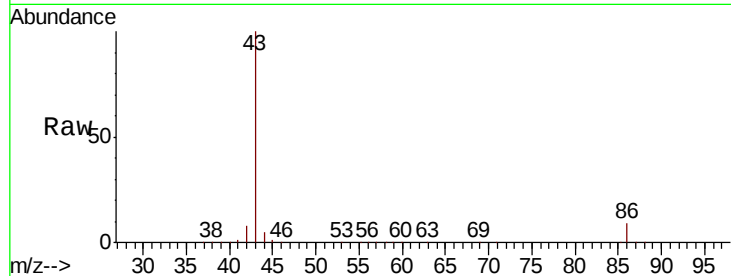
86 8.6 7.0 10.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU027335.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027335.D (-639) (-)

3.52

500000

400000

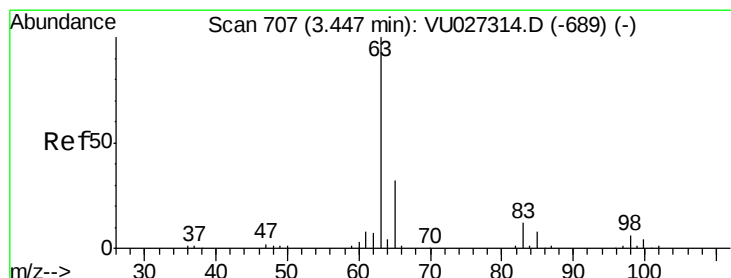
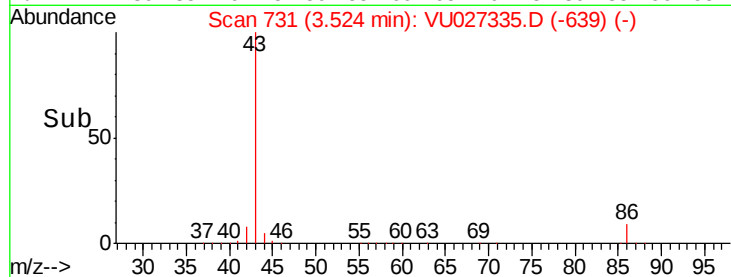
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.999 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

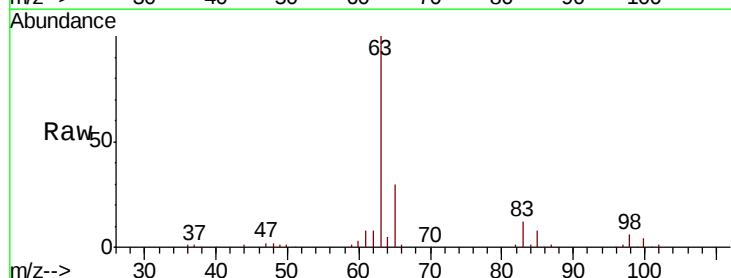
Tgt Ion: 63 Resp: 142036

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU027335.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027335.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027335.D (-614) (-)

3.44

80000

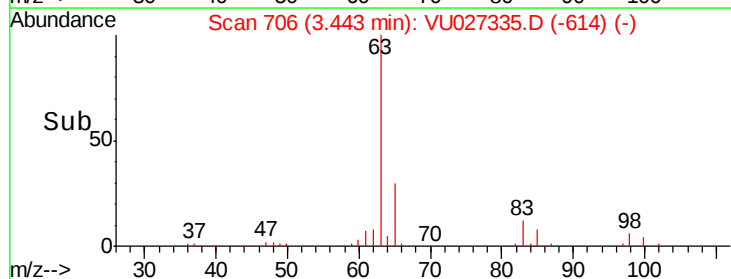
60000

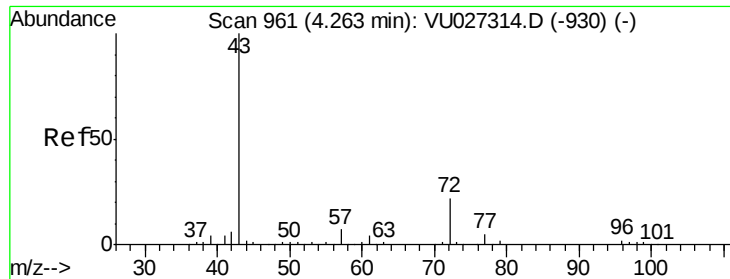
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.108 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 364668

Ion Ratio Lower Upper

43 100

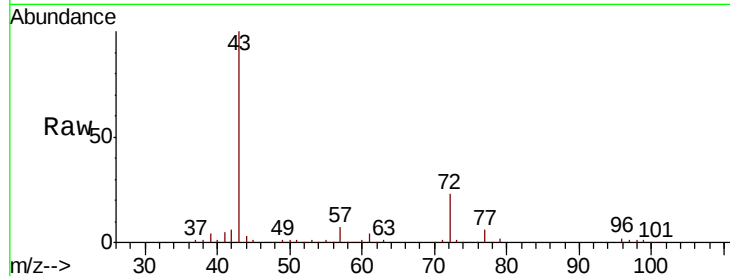
72 22.7 17.8 26.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

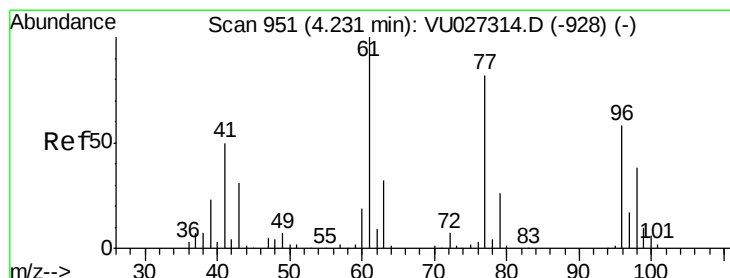
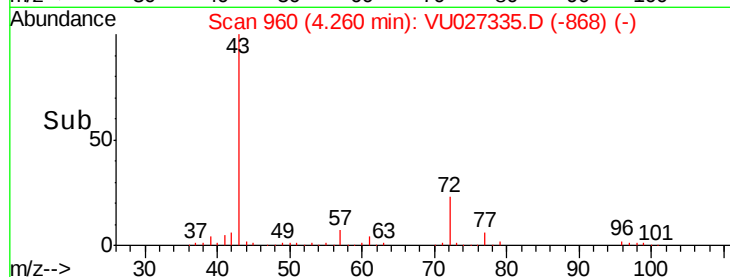
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 49.186 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027335.D

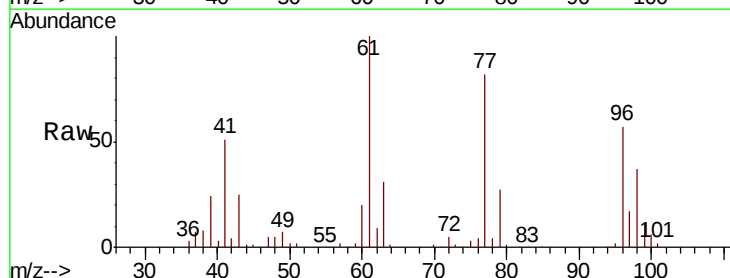
Acq: 02 Oct 2018 09:17

Tgt Ion: 77 Resp: 114811

Ion Ratio Lower Upper

77 100

97 20.6 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

50000

40000

30000

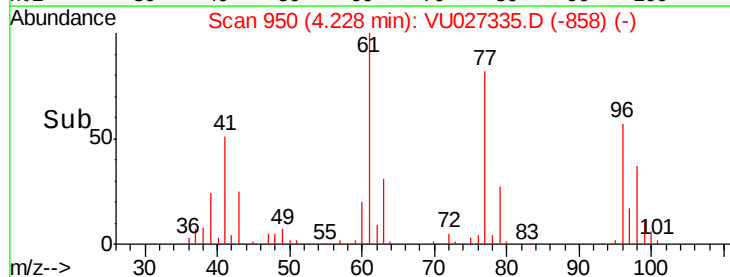
20000

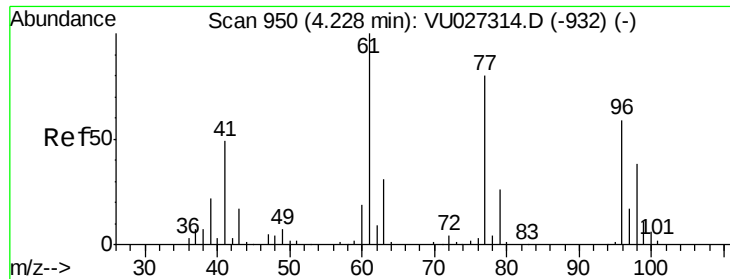
10000

0

4.10 4.20 4.30

Time-->





#27

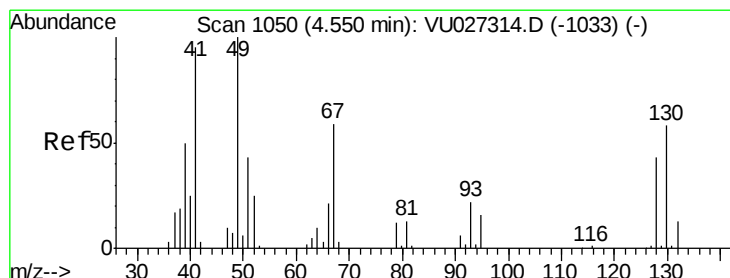
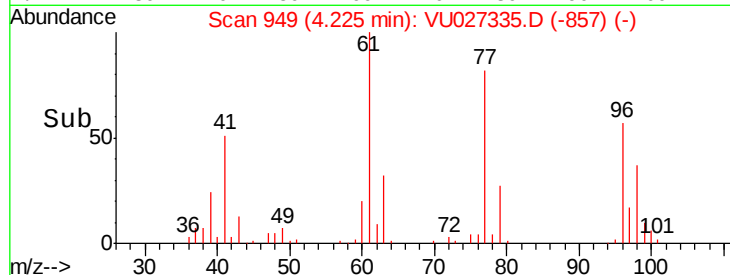
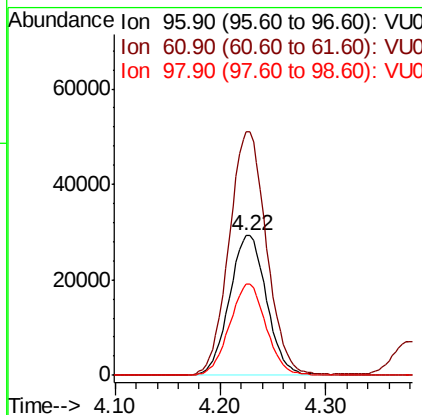
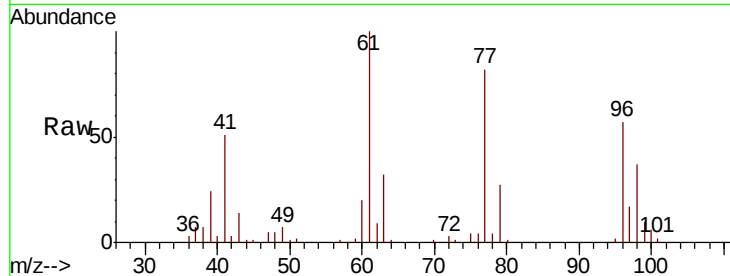
cis-1,2-Dichloroethene
 Concen: 48.681 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.7	0.0	343.8
98	63.9	0.0	129.0

Manual Integrations
 APPROVED

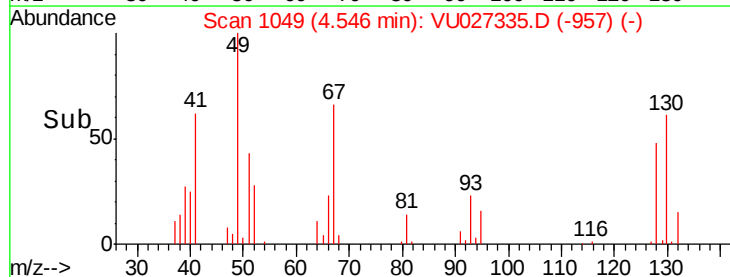
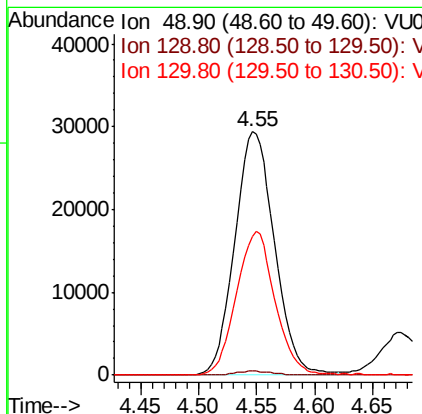
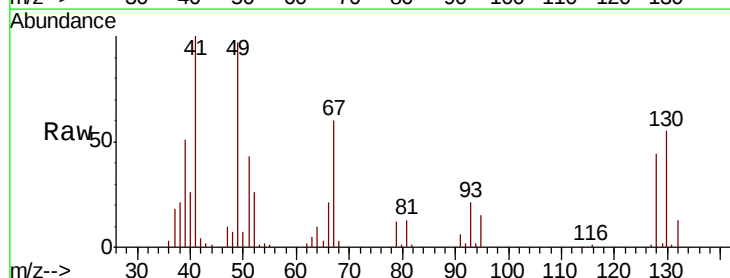
MMDadoda
 10/3/2018 6:14:43 PM

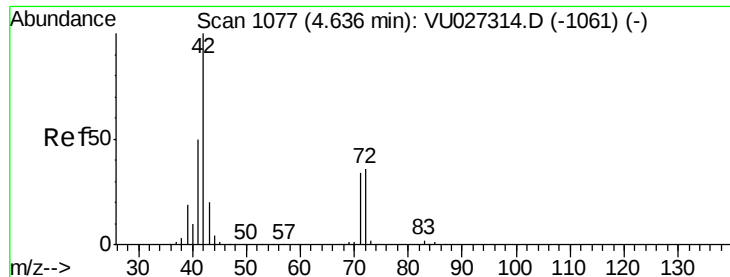


#28

Bromochloromethane
 Concen: 51.028 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.0
130	57.3	46.1	69.1





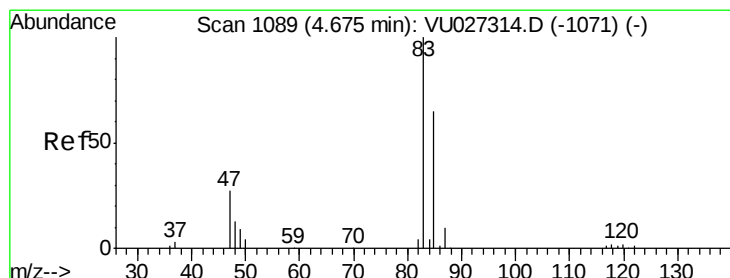
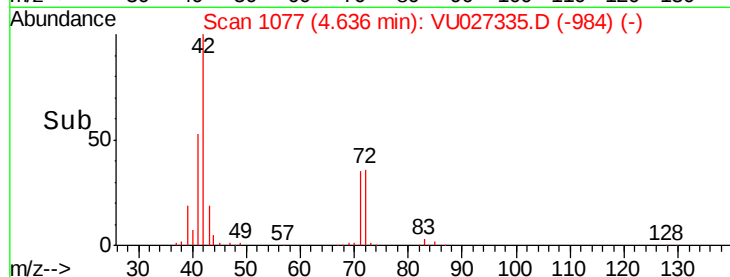
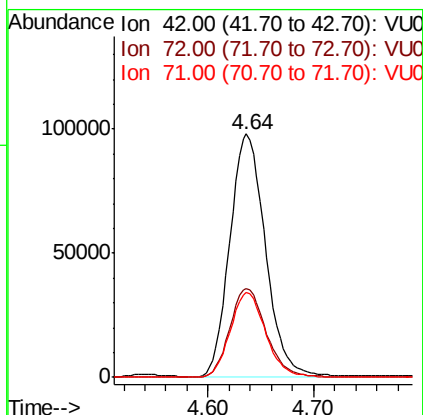
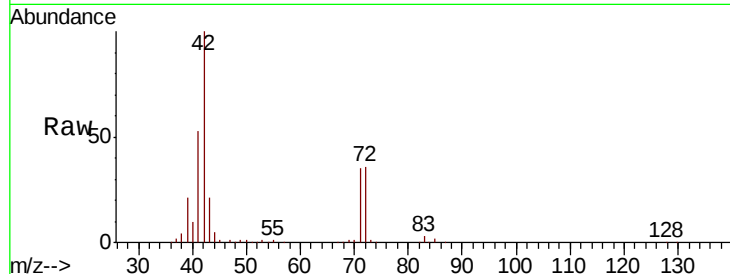
#29
Tetrahydrofuran
Concen: 249.617 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.1	45.1
71	34.9	27.7	41.5

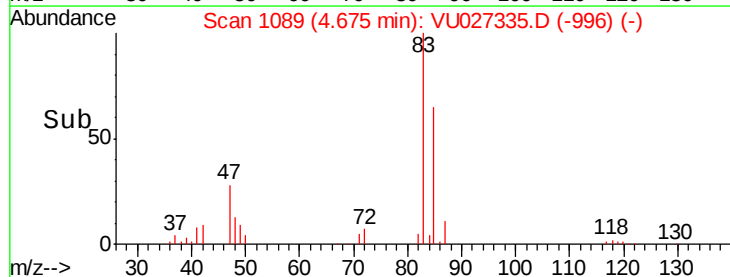
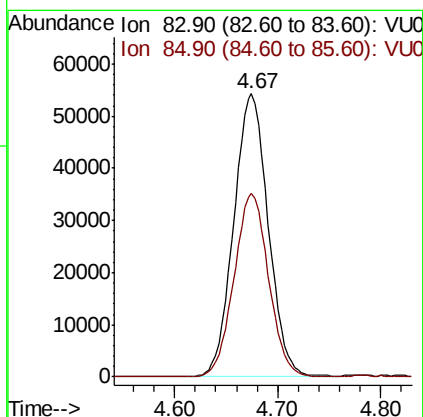
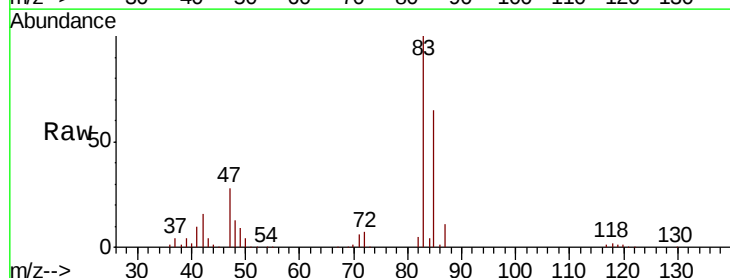
Manual Integrations
APPROVED

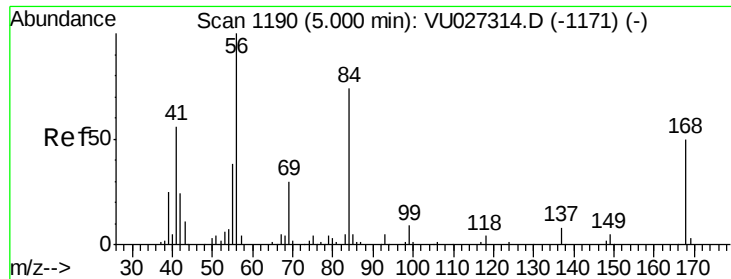
MMDadoda
10/3/2018 6:14:43 PM



#30
Chloroform
Concen: 50.142 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.6





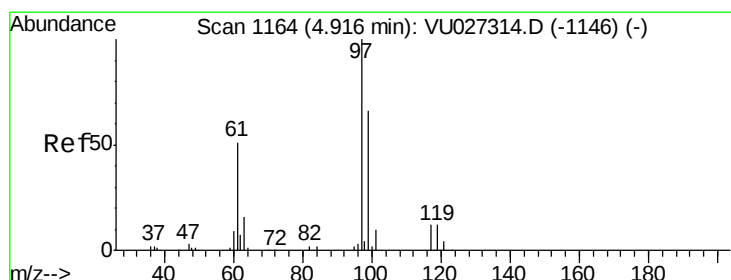
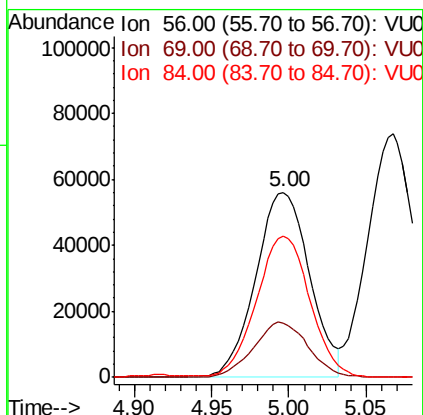
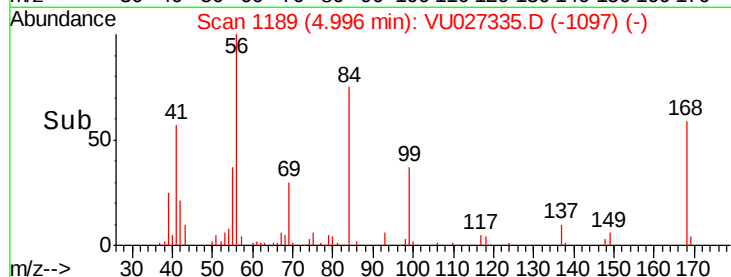
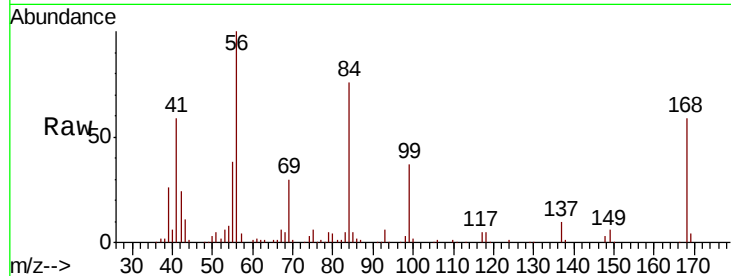
#31
Cyclohexane
Concen: 46.908 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.1	36.1
84	75.6	59.1	88.7

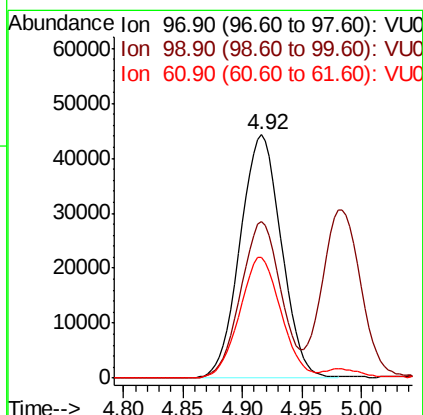
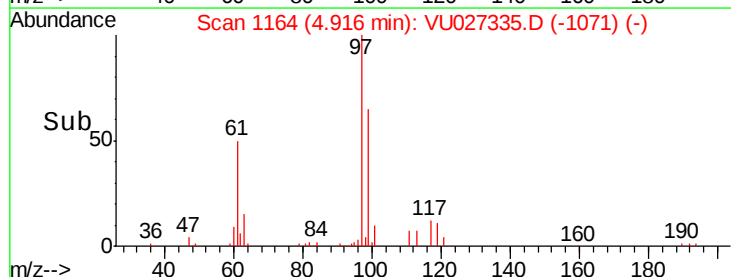
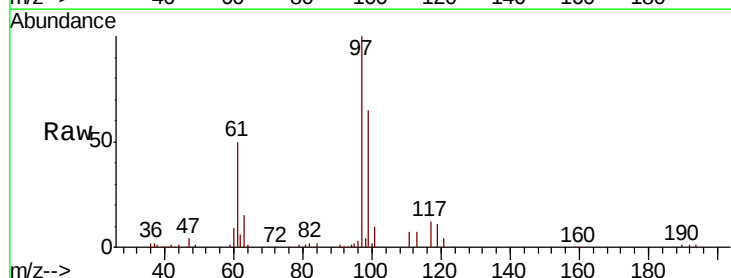
Manual Integrations
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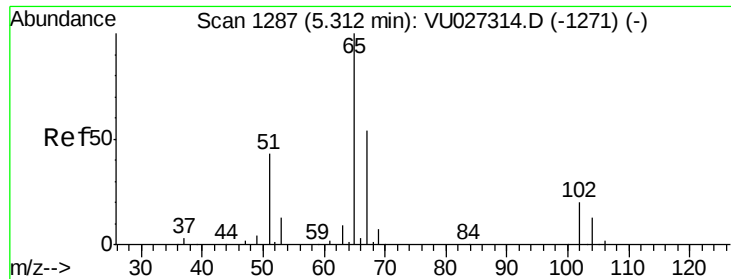
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#32
1,1,1-Trichloroethane
Concen: 50.086 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.1	76.7
61	49.8	39.6	59.4





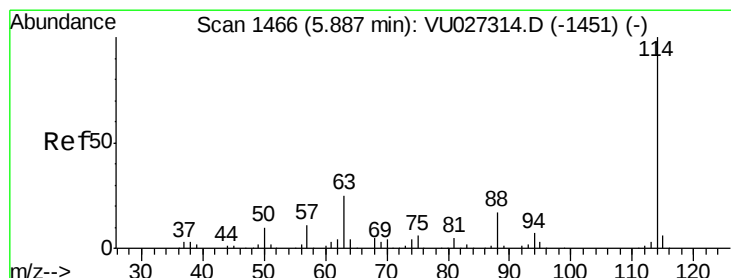
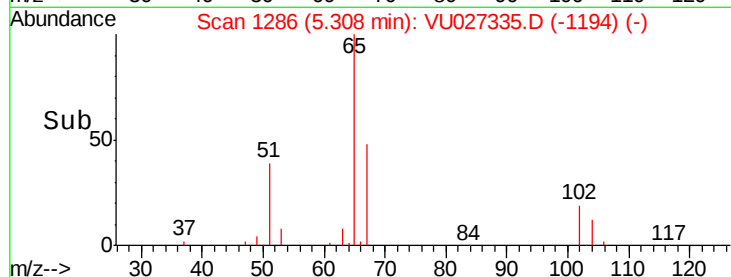
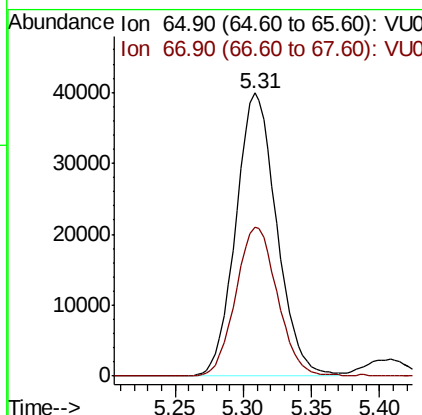
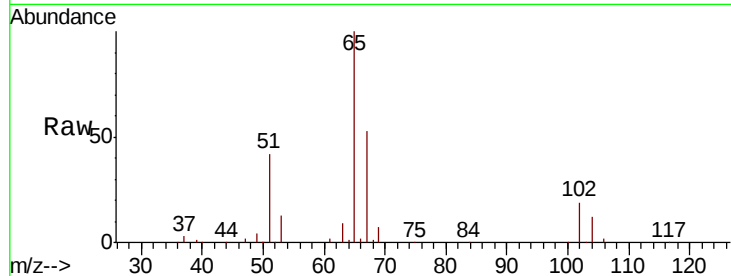
#33
 1,2-Dichloroethane-d4
 Concen: 45.893 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8

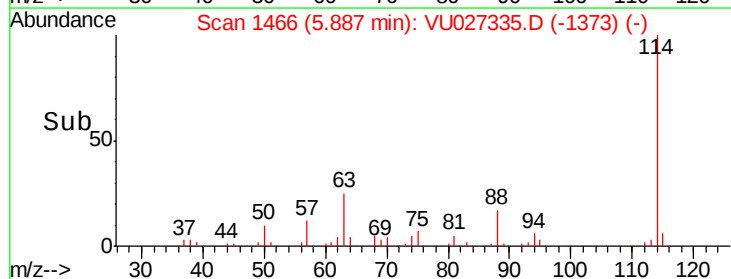
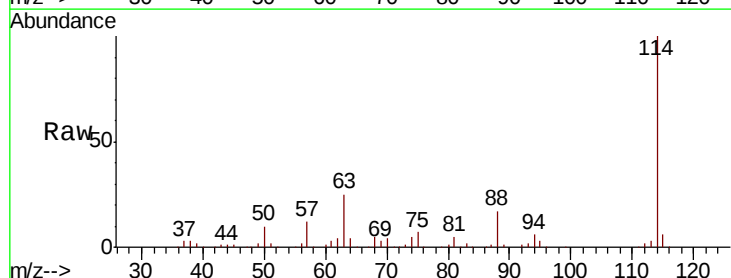
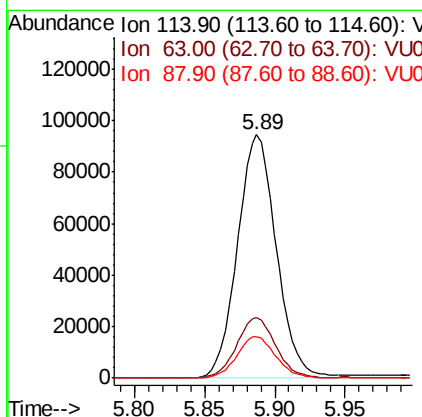
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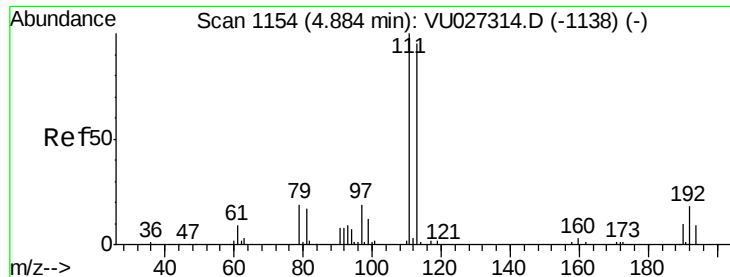
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	50.2
88	17.1	0.0	33.8





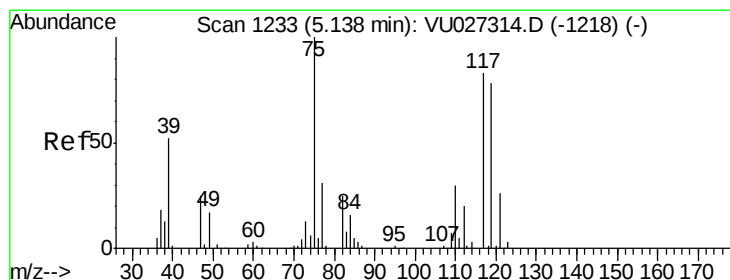
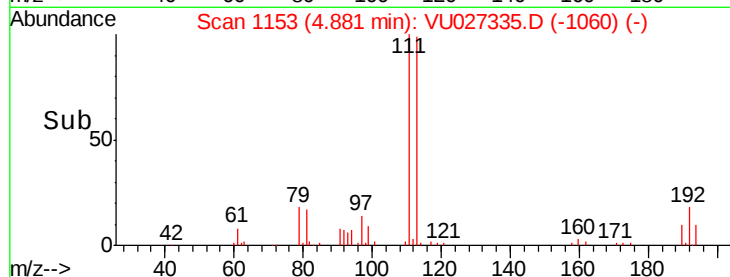
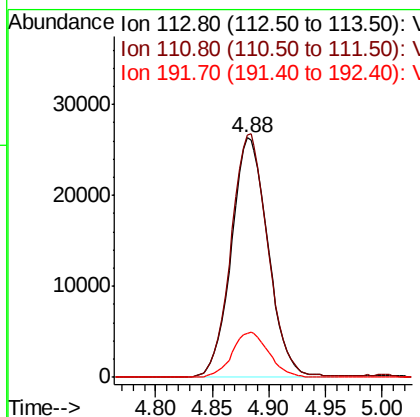
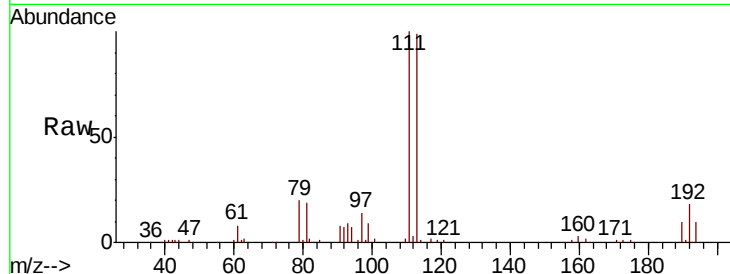
#35
 Dibromofluoromethane
 Concen: 47.476 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	18.8	15.4	23.0

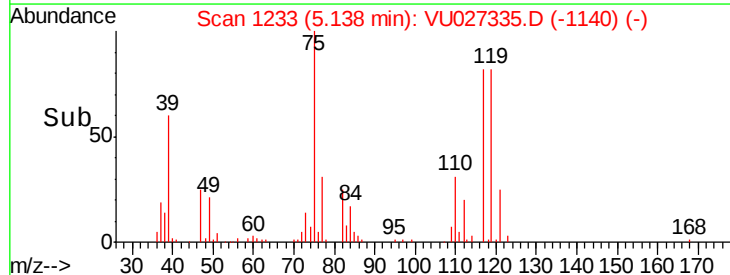
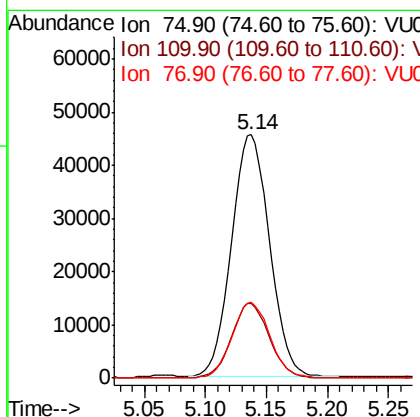
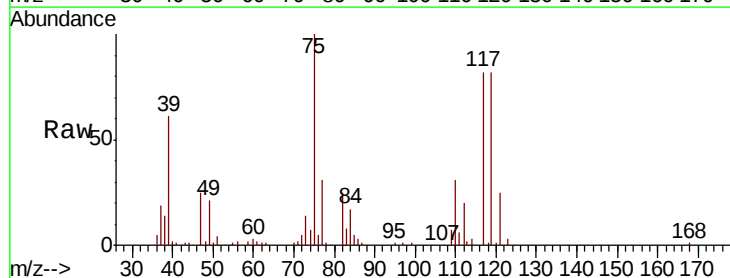
Manual Integrations
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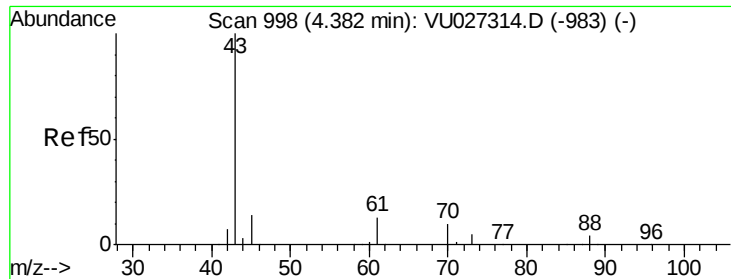
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#36
 1,1-Dichloropropene
 Concen: 49.711 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.7	15.5	46.5
77	31.4	25.4	38.0





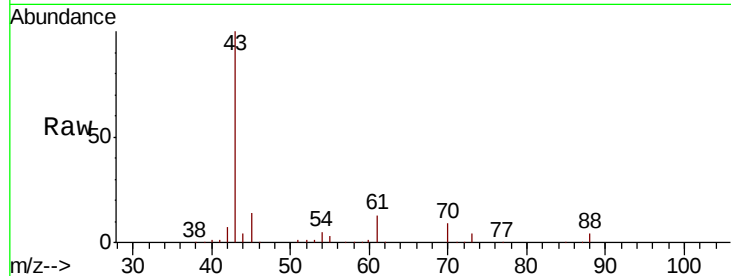
#37
Ethyl Acetate
Concen: 49.928 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

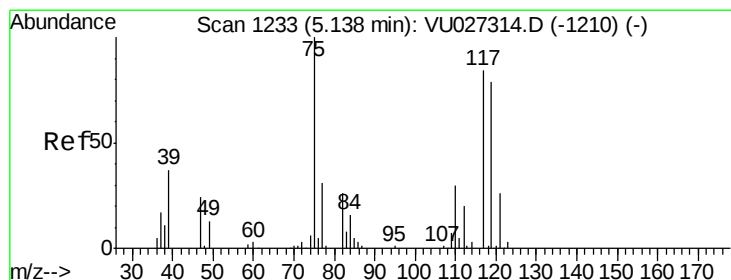
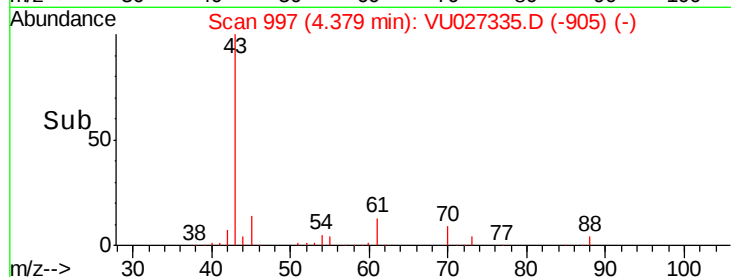
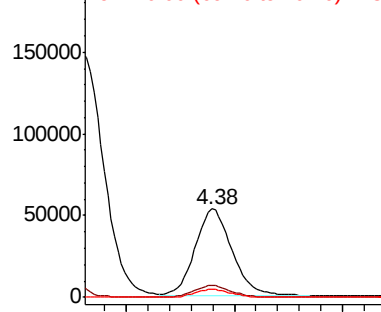
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	8.9	7.4	11.2

Manual Integrations
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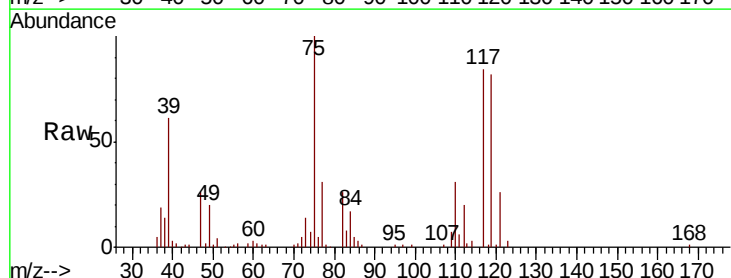


Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-983) (-)

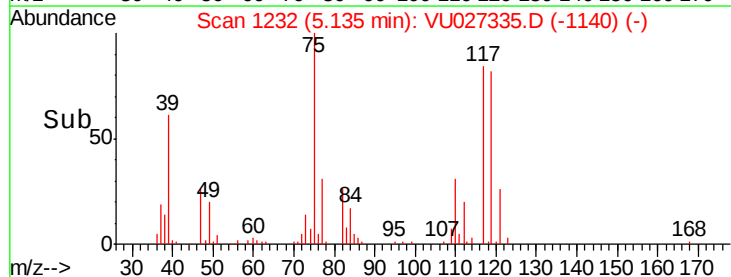
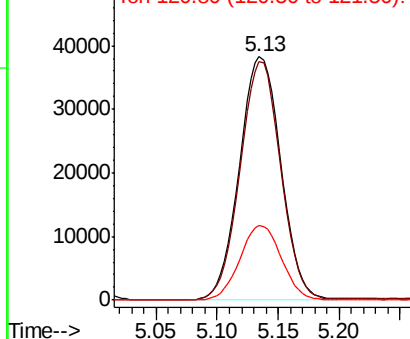


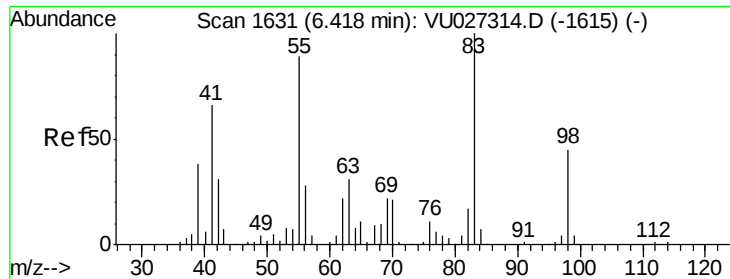
#38
Carbon Tetrachloride
Concen: 50.297 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.5	111.7
121	30.7	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): VU027314.D (-1210) (-)





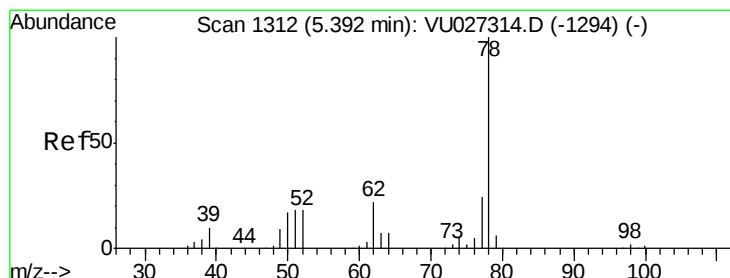
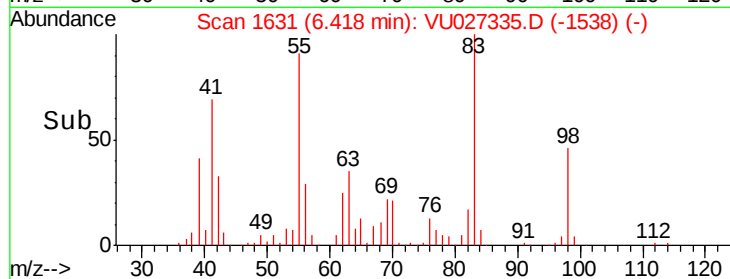
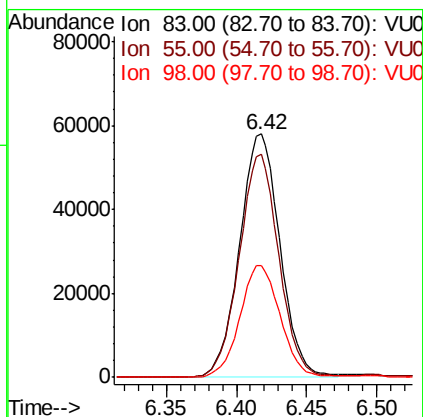
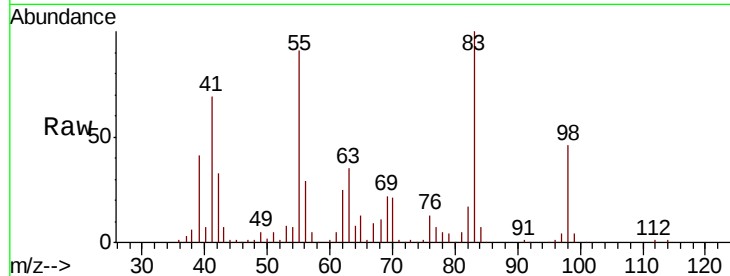
#39
Methylvlcvclohexane
Concen: 50.164 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	116195
Ion Ratio	100		
Lower	71.1		
Upper	106.7		
83	45.7	36.3	54.5

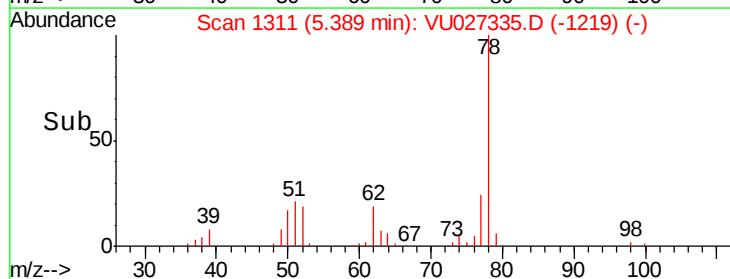
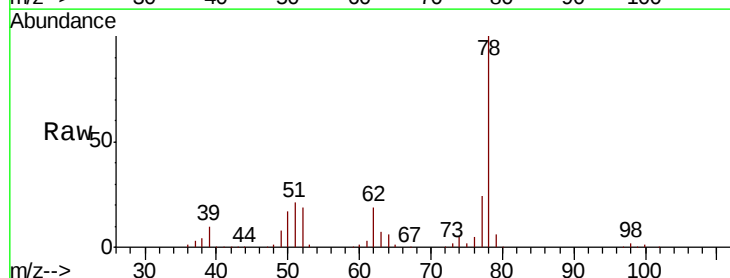
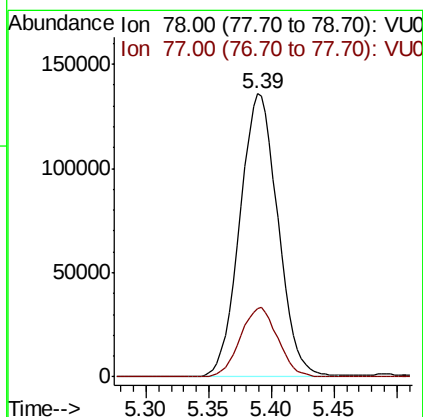
Manual Integrations
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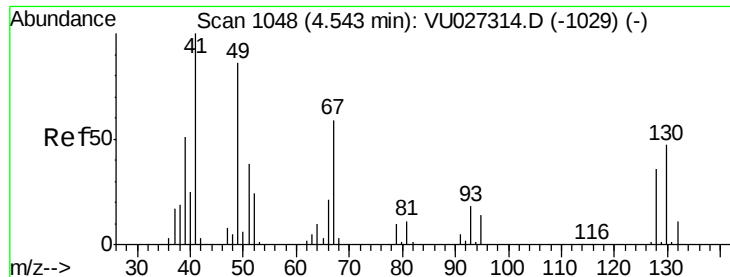
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#40
Benzene
Concen: 49.720 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	78	Resp	286981
Ion Ratio	100		
Lower	19.3		
Upper	28.9		
78	24.2	19.3	28.9





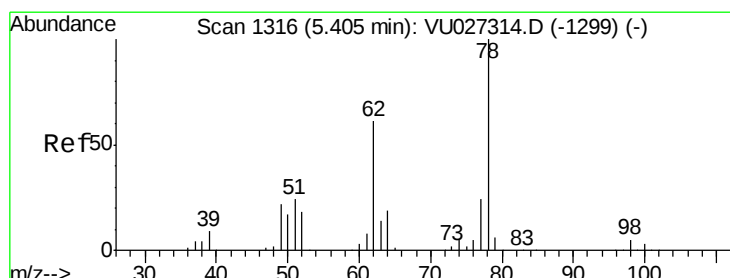
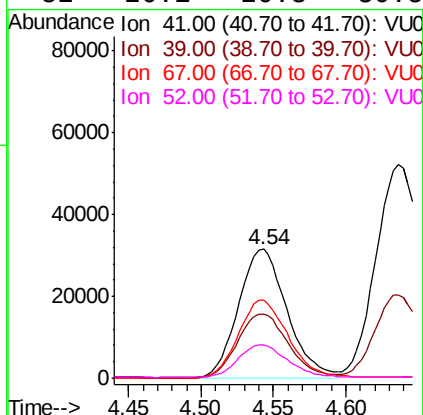
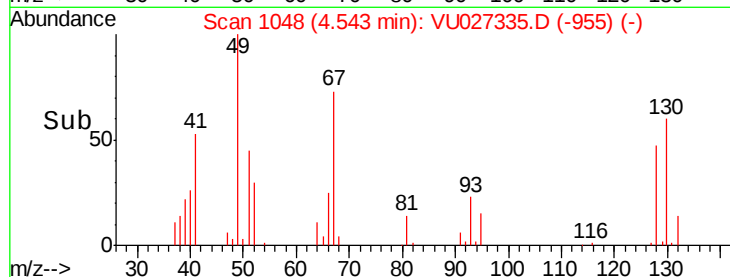
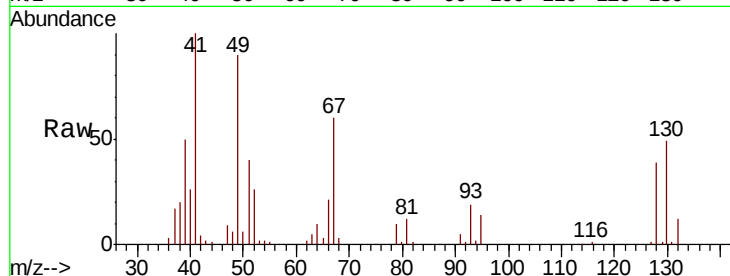
#41
Methacrylonitrile
Concen: 50.557 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	41.1	61.7	
67	63.0	50.4	75.6	
52	26.1	20.3	30.5	

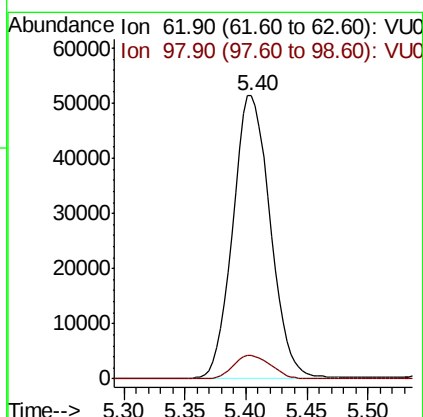
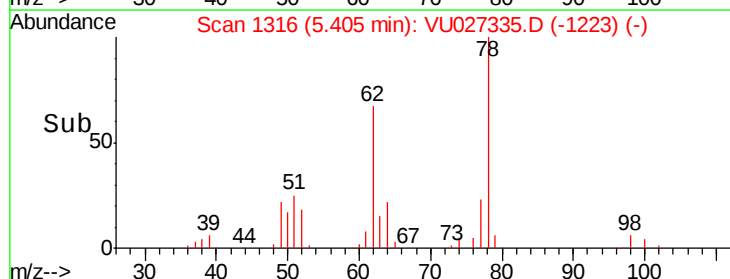
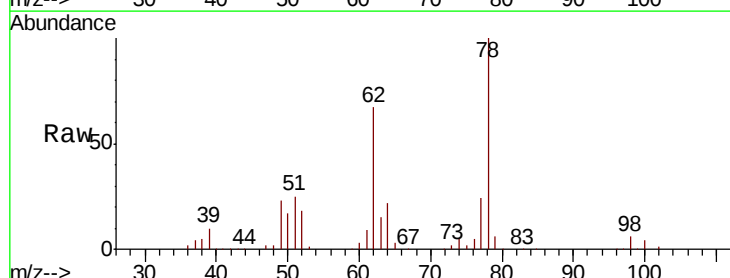
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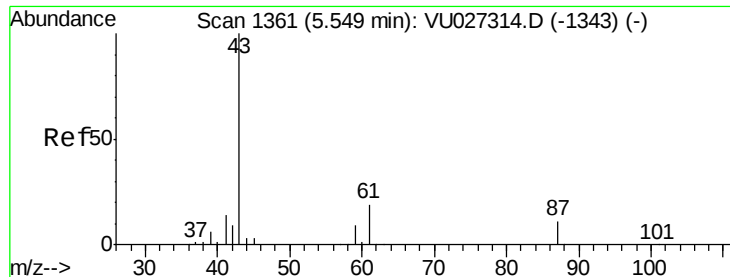
MMDadoda
10/3/2018 6:14:43 PM



#42
1,2-Dichloroethane
Concen: 51.145 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.8	





#43

Isopropyl Acetate

Concen: 51.234 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 203779

Ion Ratio Lower Upper

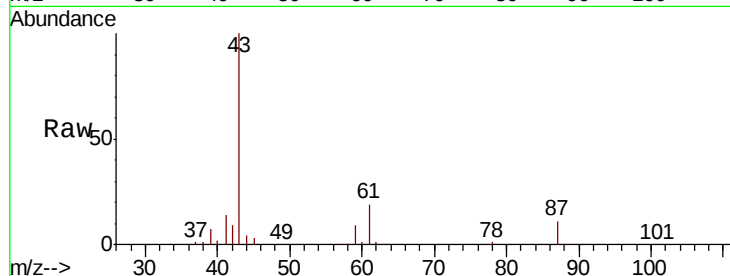
43 100

61 18.7 15.3 22.9

87 10.5 8.6 13.0

Manual Integrations
APPROVED

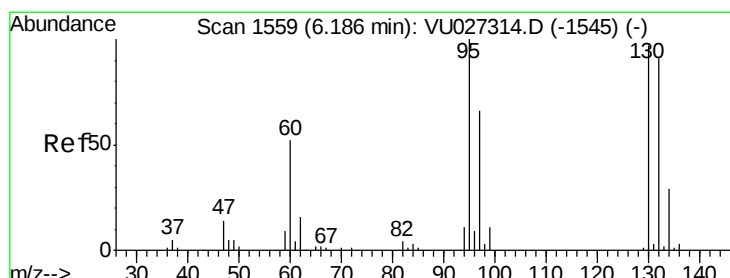
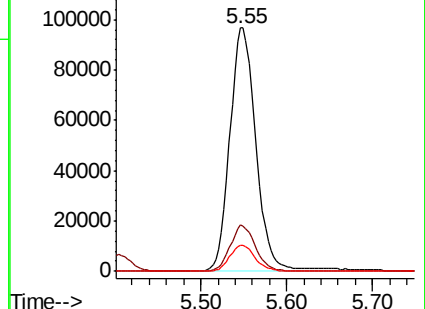
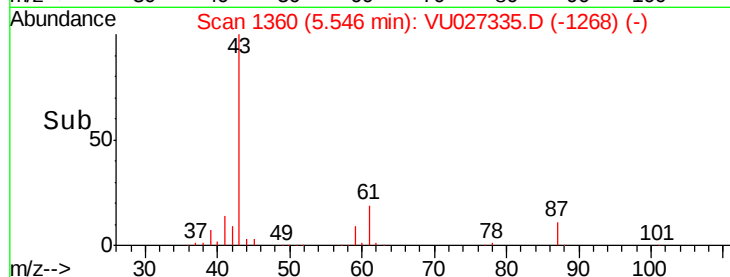
MMDadoda
10/3/2018 6:14:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VU027335.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027335.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027335.D (-1268) (-)



#44

Trichloroethene

Concen: 48.852 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027335.D

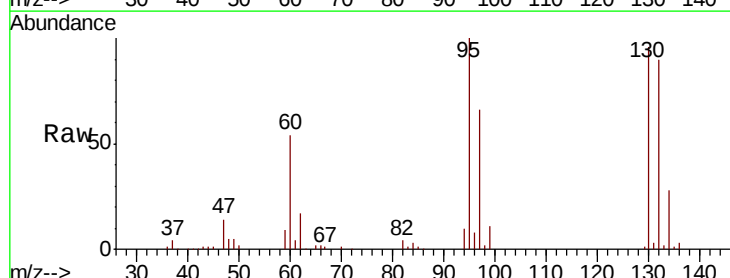
Acq: 02 Oct 2018 09:17

Tgt Ion: 130 Resp: 62874

Ion Ratio Lower Upper

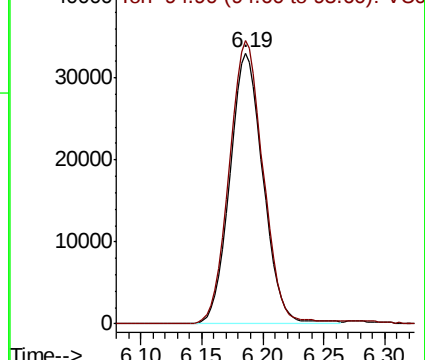
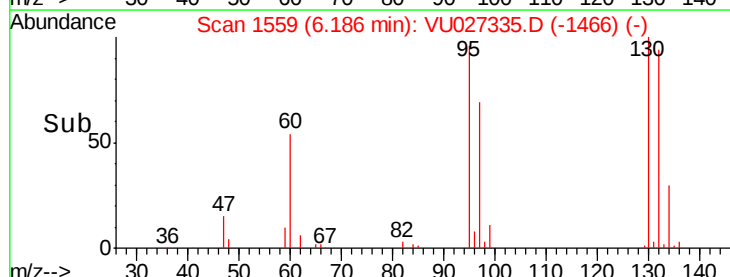
130 100

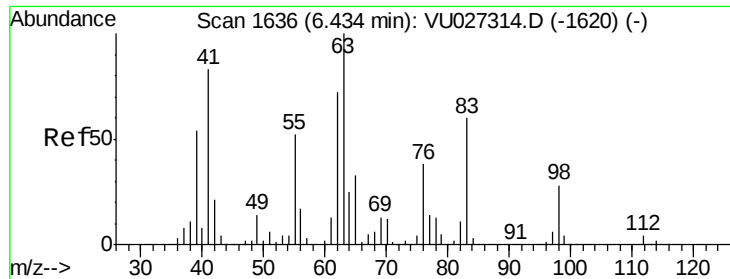
95 104.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027335.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU027335.D (-1466) (-)





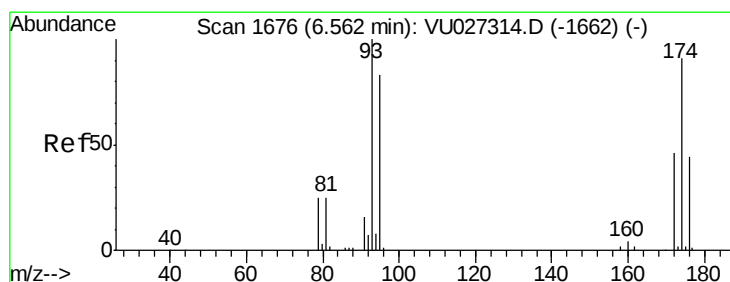
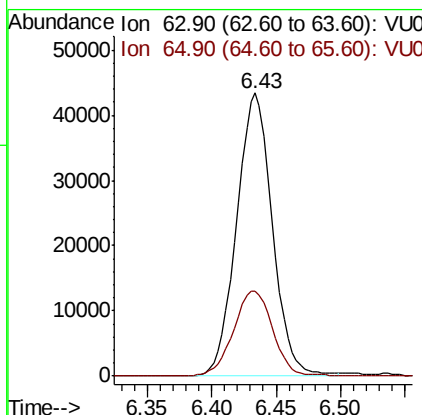
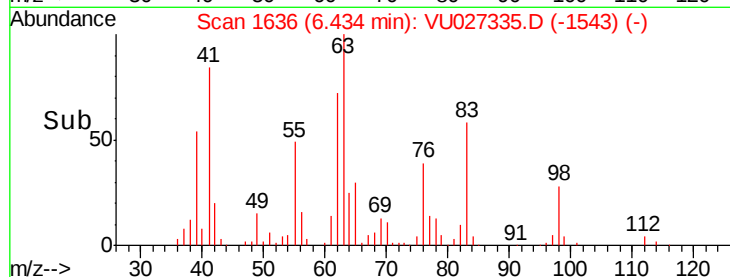
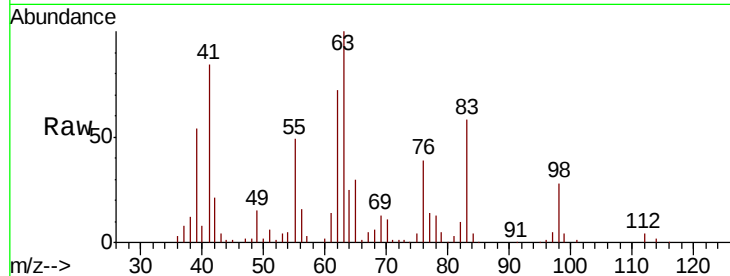
#45
 1,2-Dichloropropane
 Concen: 50.318 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 83771
 Ion Ratio Lower Upper
 63 100
 65 30.0 26.0 39.0

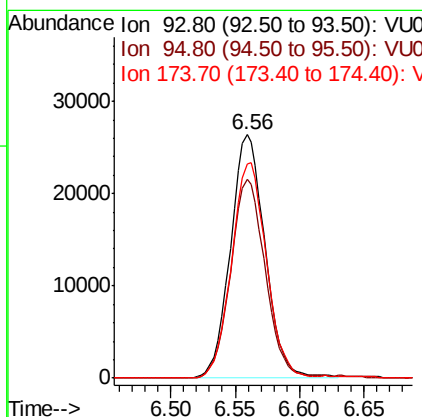
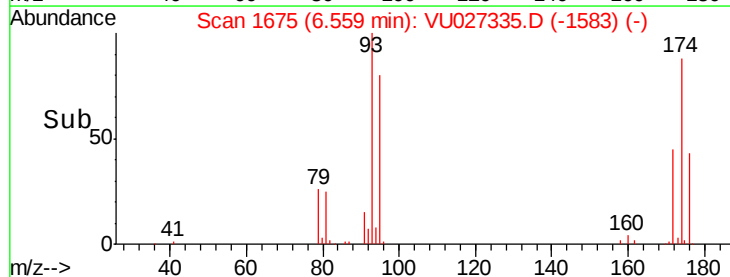
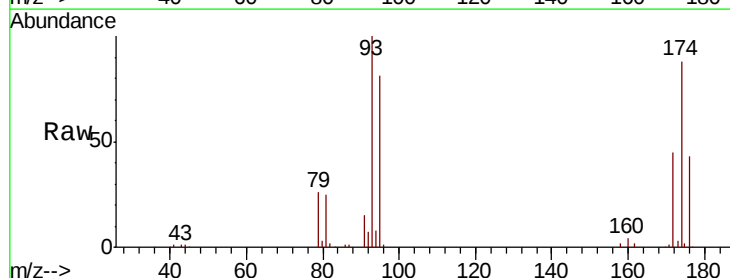
Manual Integrations
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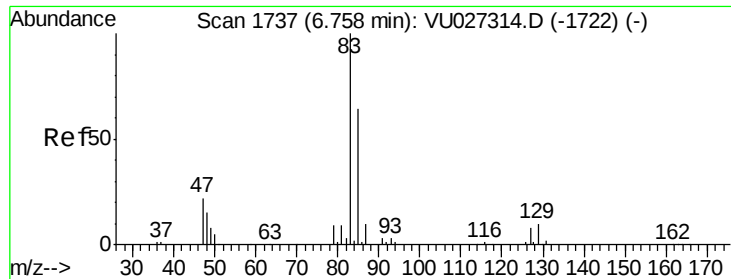
MMDadoda
 10/3/2018 6:14:43 PM



#46
 Dibromomethane
 Concen: 52.262 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion: 93 Resp: 49140
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.5 99.7
 174 89.1 72.5 108.7





#47

Bromodichloromethane

Concen: 50.468 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

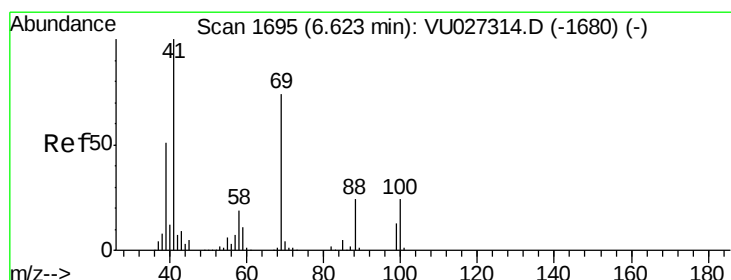
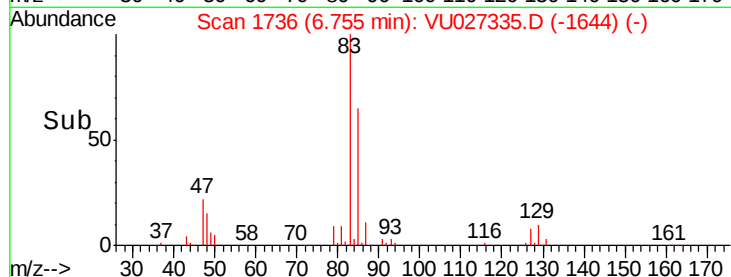
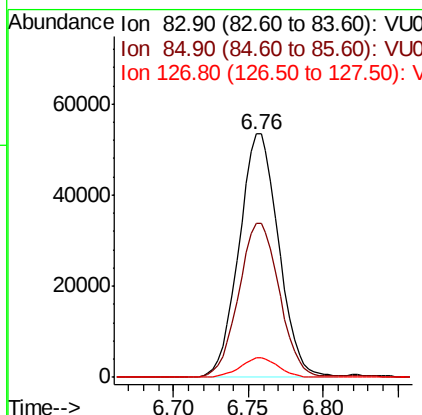
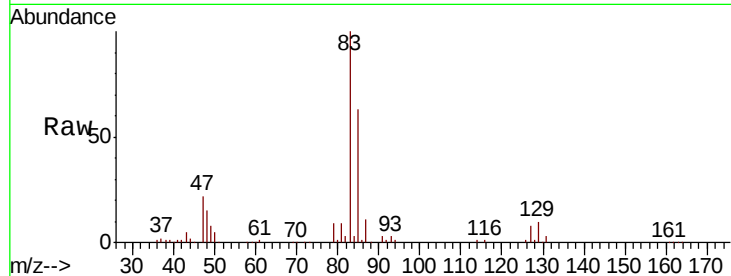
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	98466
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.4	77.0
127	8.0	6.3	9.5

Manual Integrations
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MMDadoda
10/3/2018 6:14:43 PM



#48

Methyl methacrylate

Concen: 52.058 ug/l

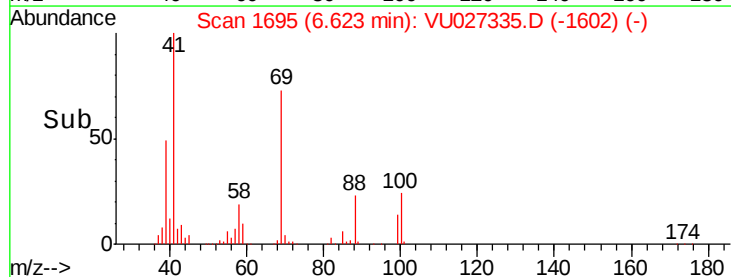
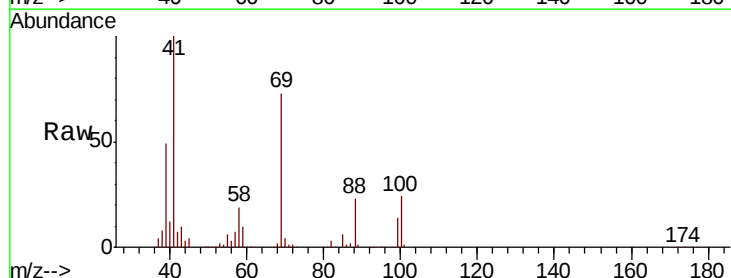
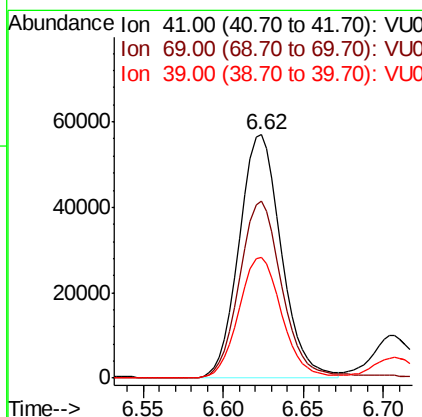
RT: 6.62 min Scan# 1695

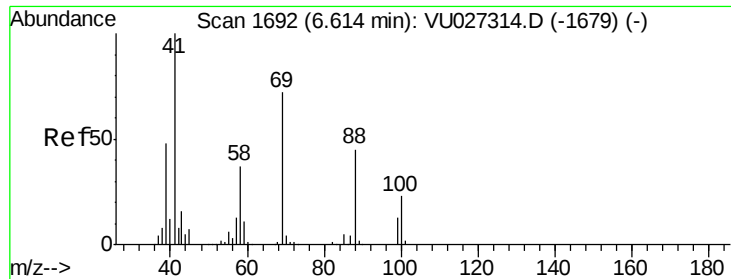
Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion:	41	Resp:	102966
Ion Ratio	Lower	Upper	
41	100		
69	73.5	61.0	91.4
39	50.4	39.9	59.9





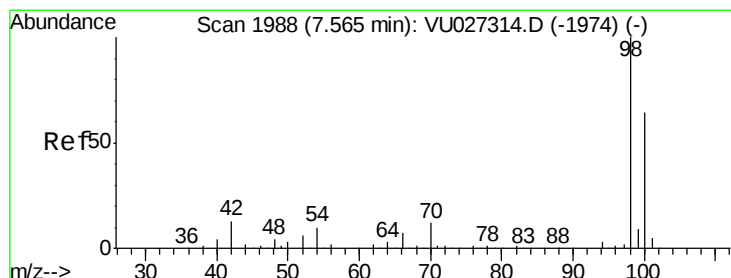
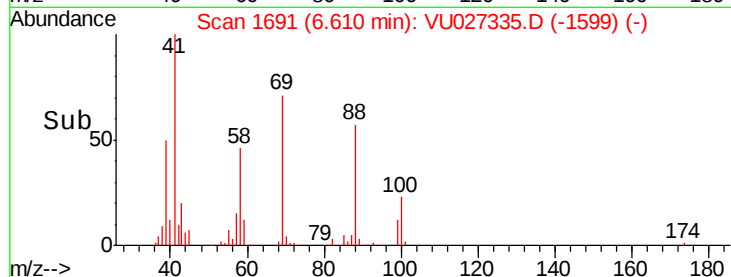
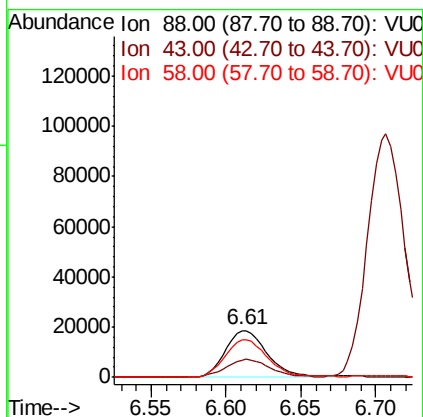
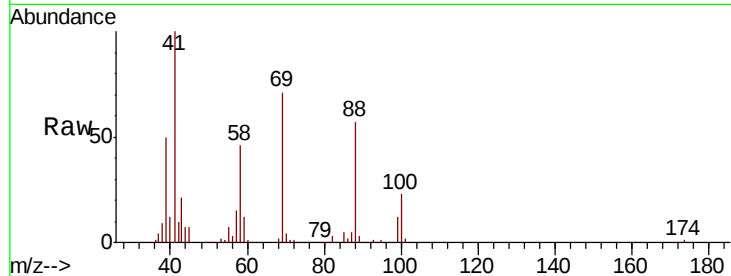
#49
1,4-Dioxane
Concen: 1080.972 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	36787
Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.8	46.2
58	82.4	67.0	100.6

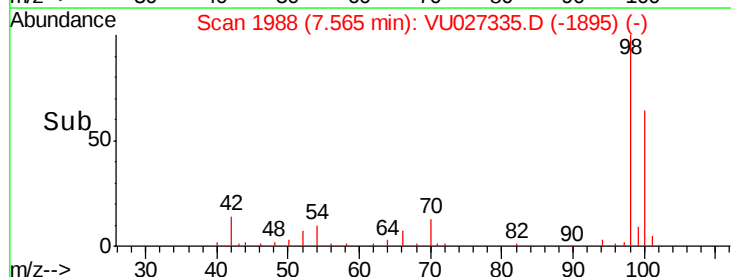
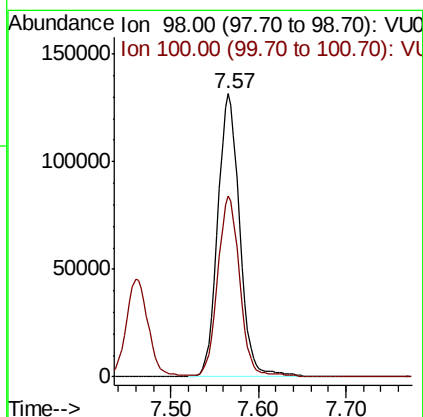
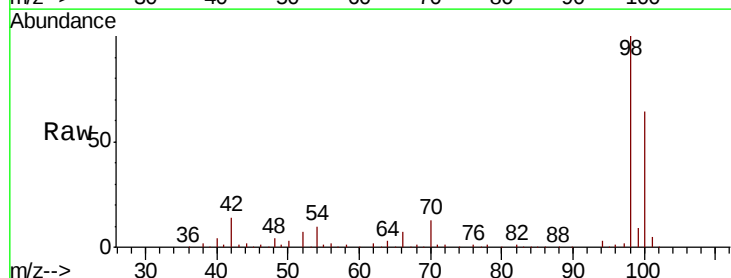
Manual Integrations
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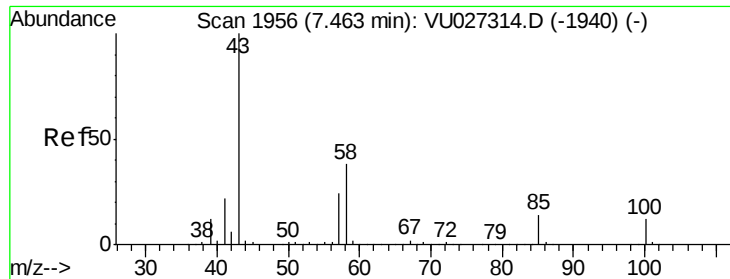
MMDadoda
10/3/2018 6:14:43 PM



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	98	Resp	230175
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 259.282 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 670128

Ion Ratio Lower Upper

43 100

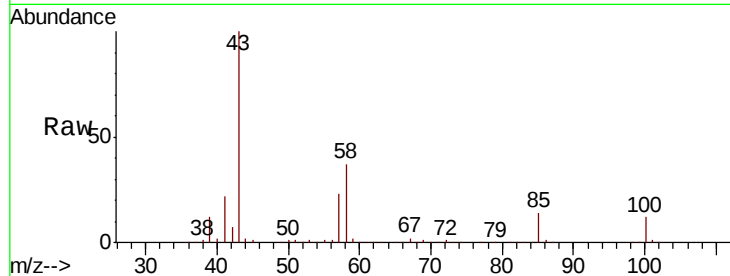
58 37.0 29.8 44.8

Manual Integrations

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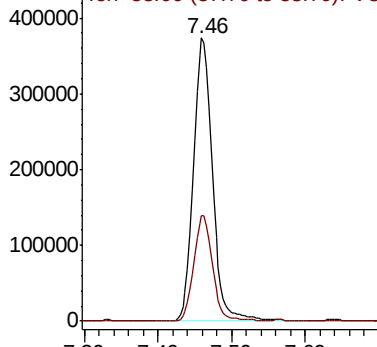
MMDadoda

10/3/2018 6:14:43 PM

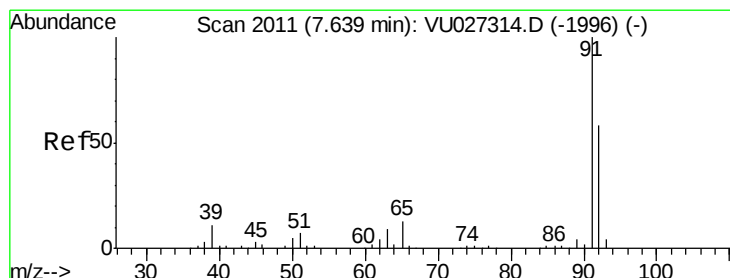
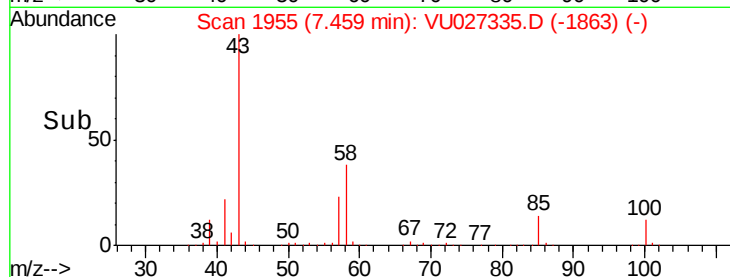


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 7.30 7.40 7.50 7.60



#52

Toluene

Concen: 50.839 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027335.D

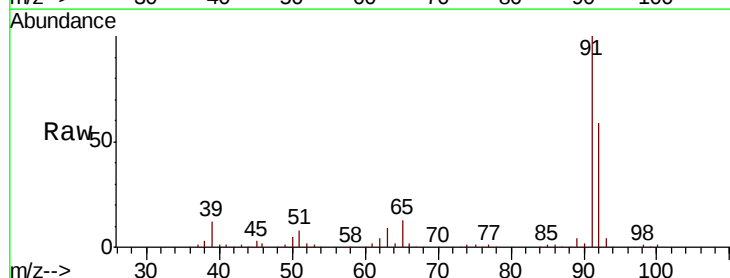
Acq: 02 Oct 2018 09:17

Tgt Ion: 92 Resp: 173684

Ion Ratio Lower Upper

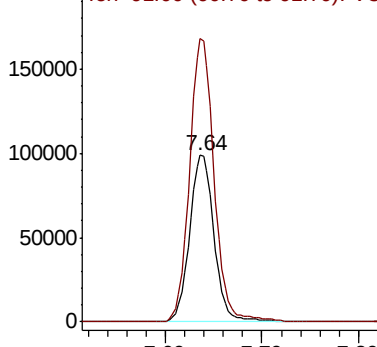
92 100

91 169.9 138.6 208.0

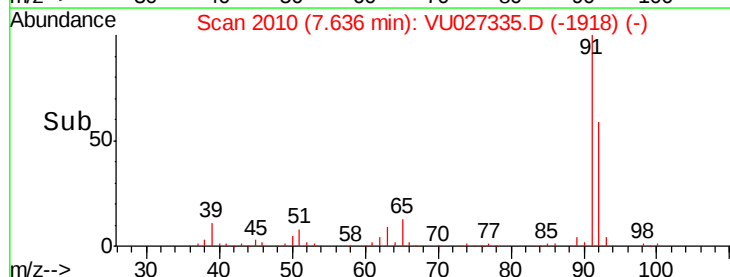


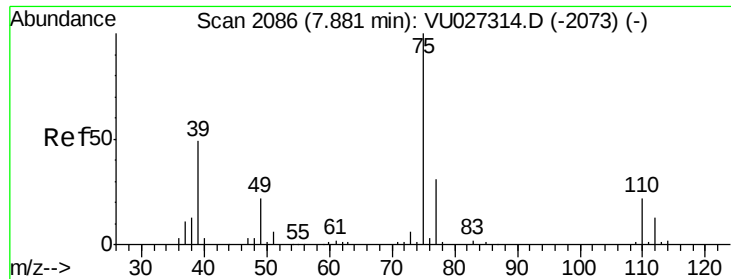
Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time--> 7.60 7.70 7.80





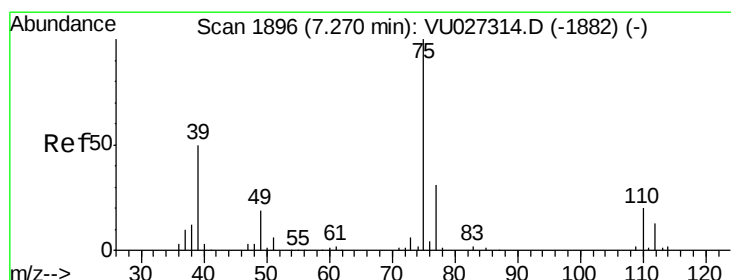
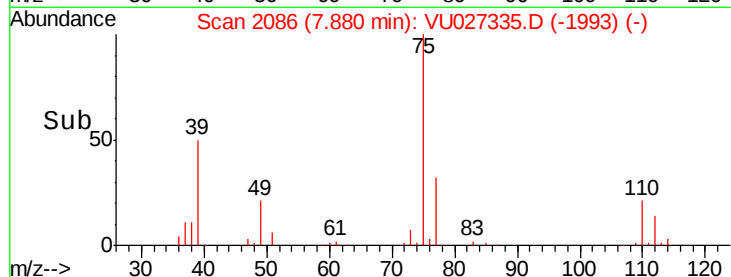
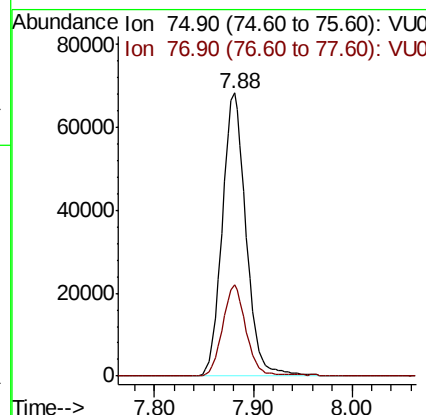
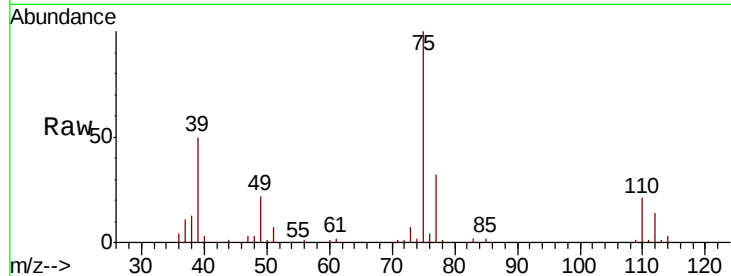
#53
t-1,3-Dichloropropene
Concen: 50.658 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 115883
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6

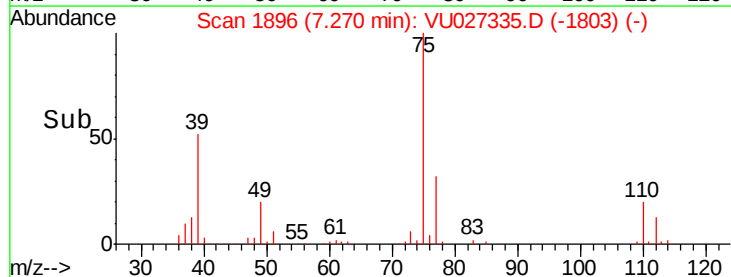
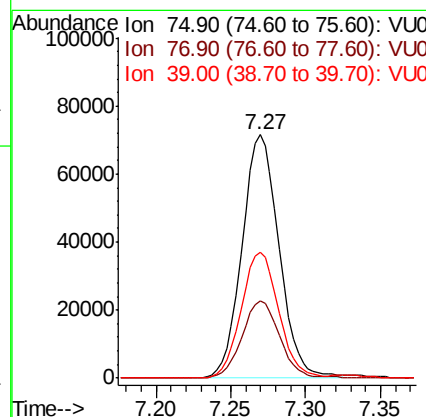
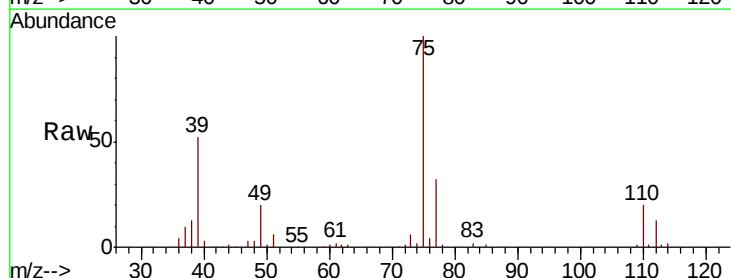
Manual Integrations
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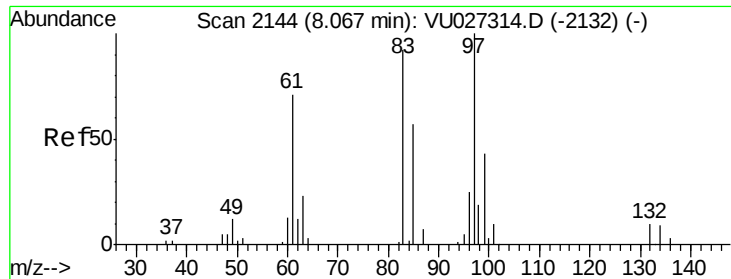
MMDadoda
10/3/2018 6:14:43 PM



#54
cis-1,3-Dichloropropene
Concen: 50.247 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion: 75 Resp: 123568
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 51.4 40.1 60.1





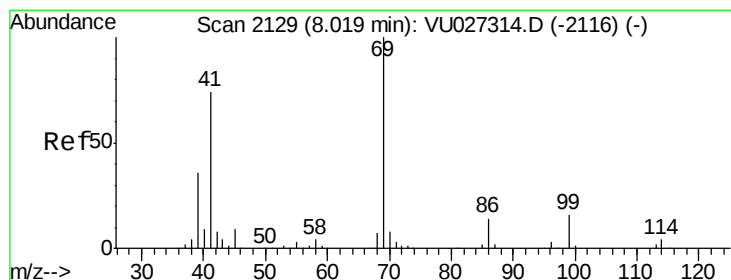
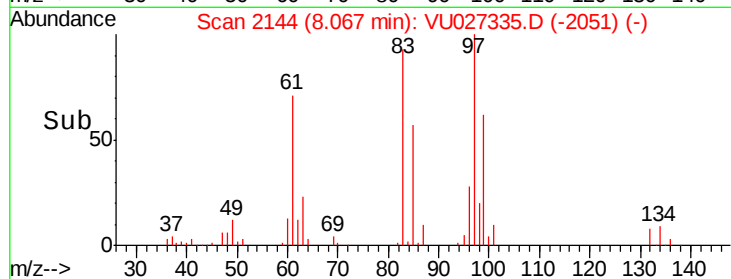
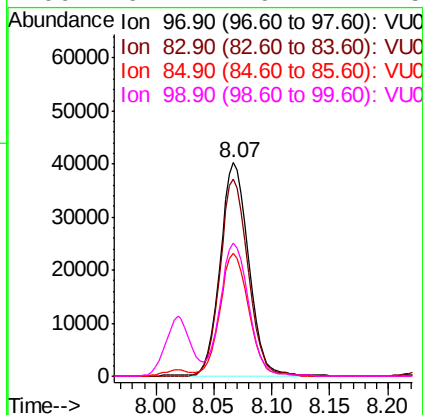
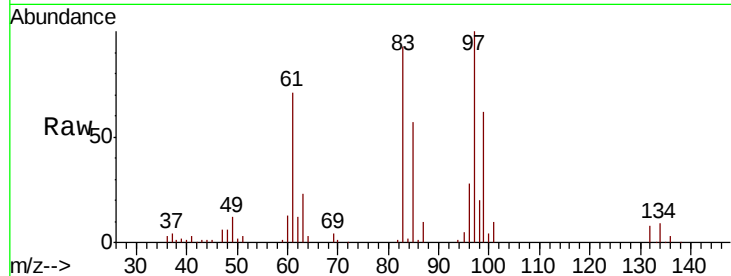
#55
 1,1,2-Trichloroethane
 Concen: 51.017 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	69105
Ion	Ratio	Lower	Upper
97	100		
83	92.5	73.0	109.6
85	57.4	47.3	70.9
99	62.1	49.7	74.5

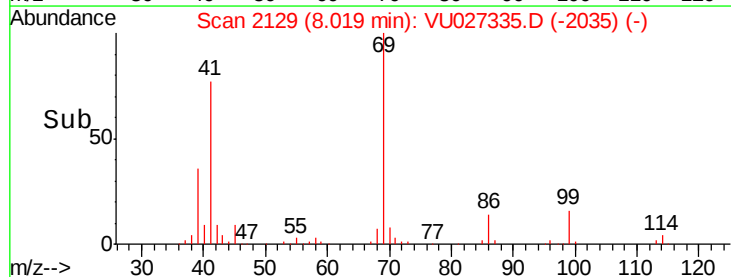
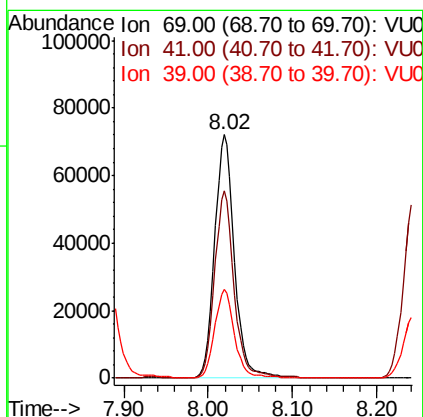
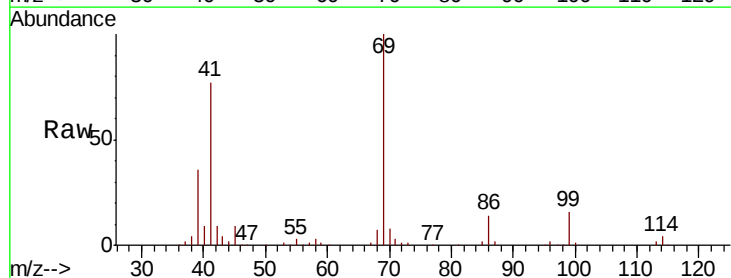
Manual Integrations
 APPROVED

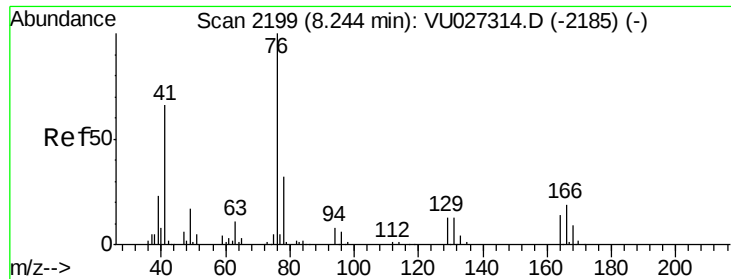
MMDadoda
 10/3/2018 6:14:43 PM



#56
 Ethyl methacrylate
 Concen: 45.382 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion:	69	Resp:	117147
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.0	90.0
39	36.4	29.5	44.3





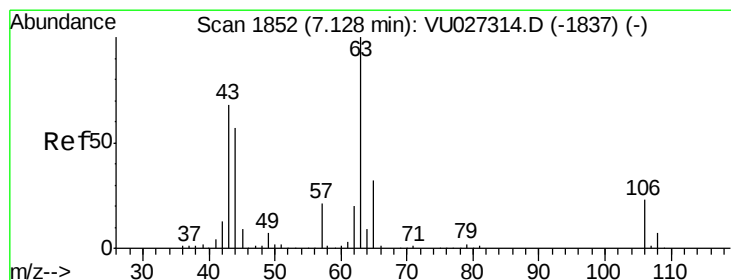
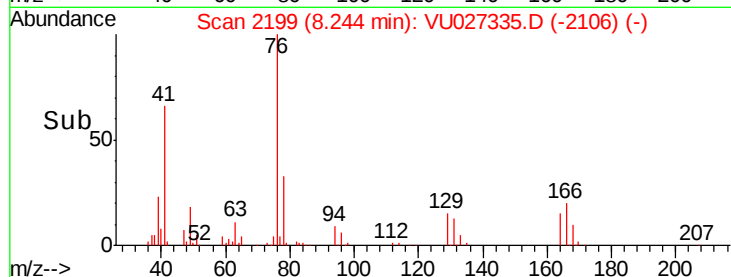
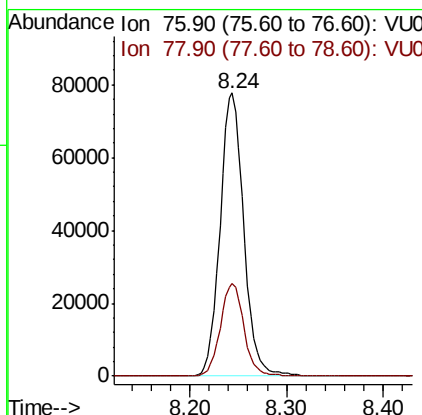
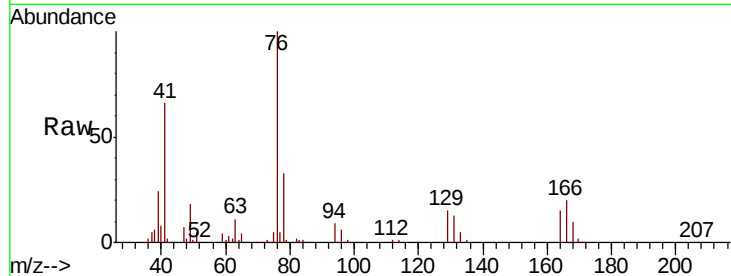
#57
 1,3-Dichloropropane
 Concen: 50.304 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

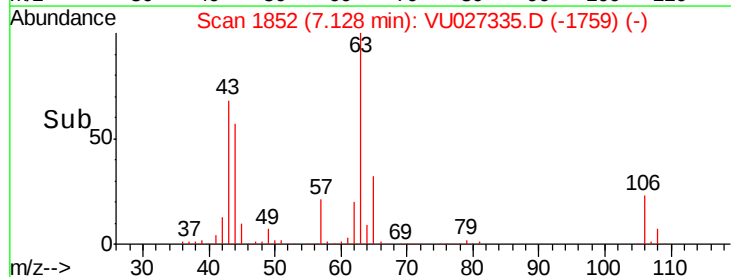
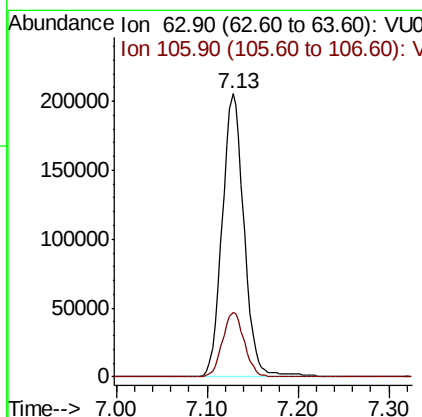
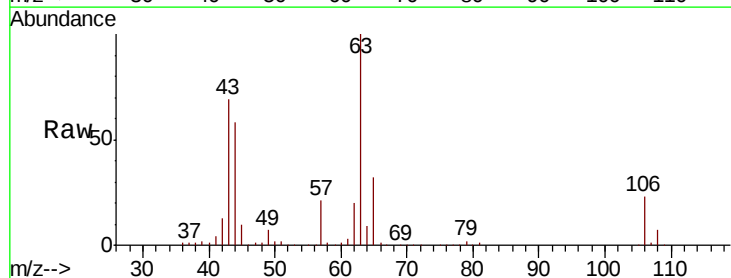
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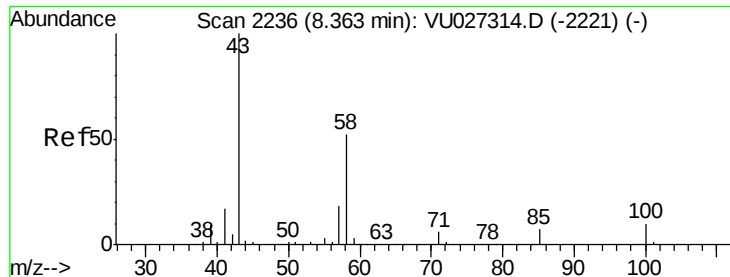
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.629 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.0	18.5	27.7





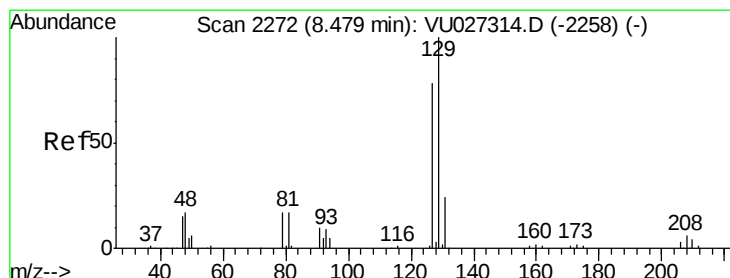
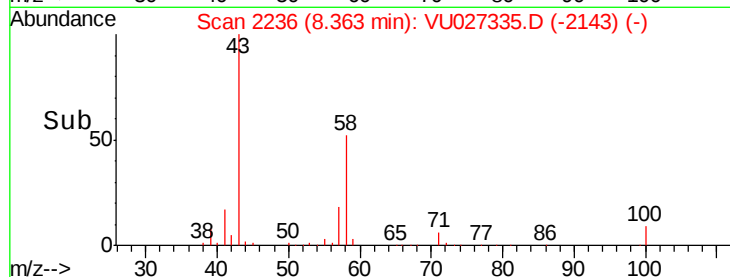
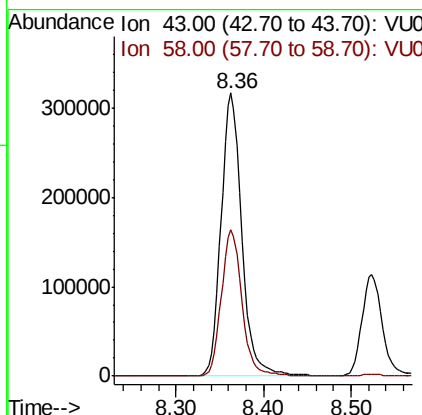
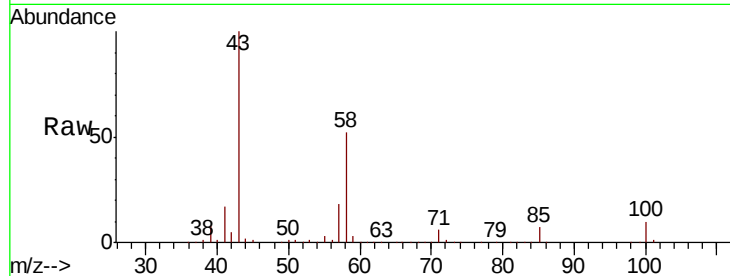
#59
2-Hexanone
Concen: 260.029 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	521333
Ion Ratio	100	Lower	Upper
58	51.5	26.1	78.3

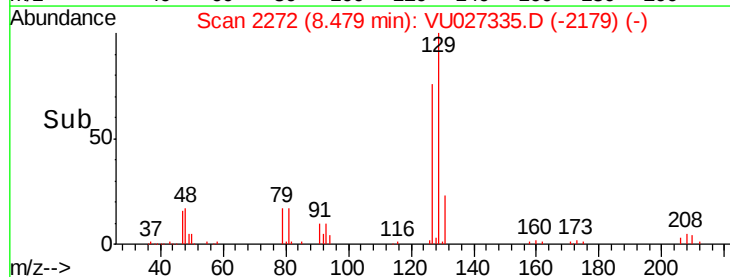
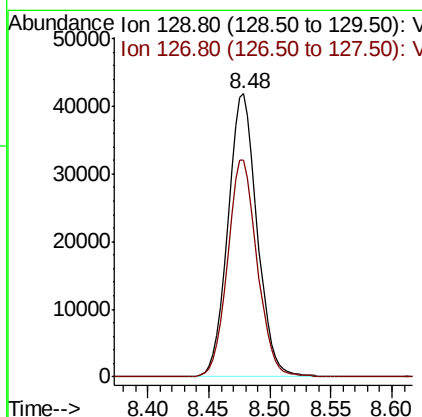
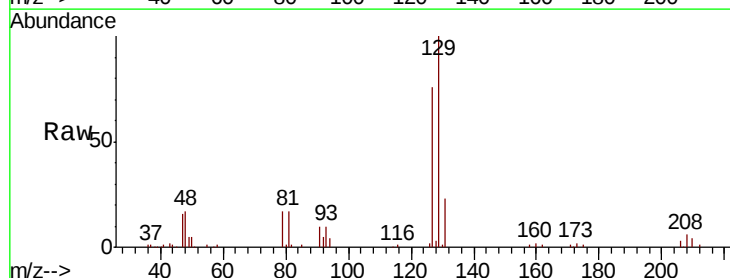
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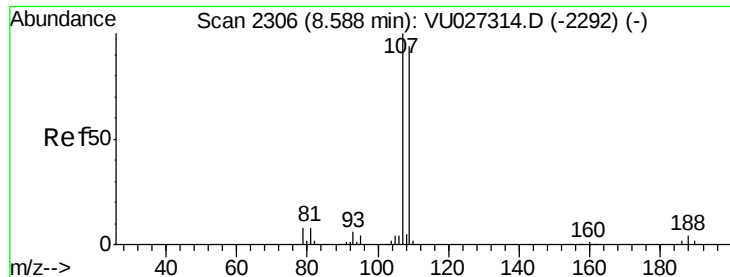
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#60
Dibromochloromethane
Concen: 51.732 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	129	Resp	70280
Ion Ratio	100	Lower	Upper
127	77.3	39.1	117.2





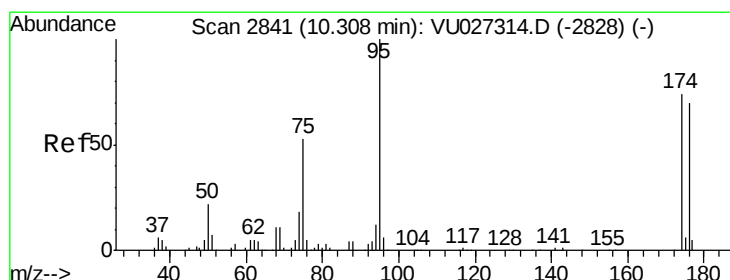
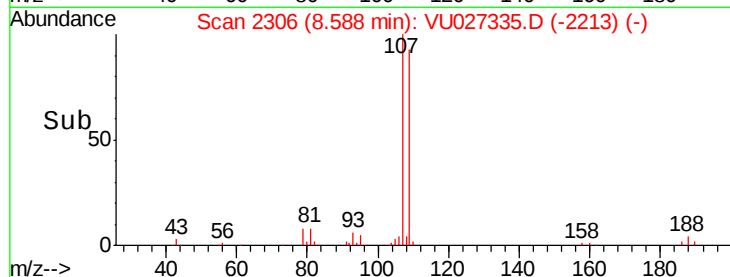
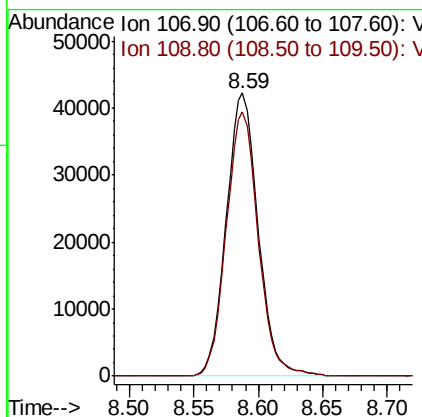
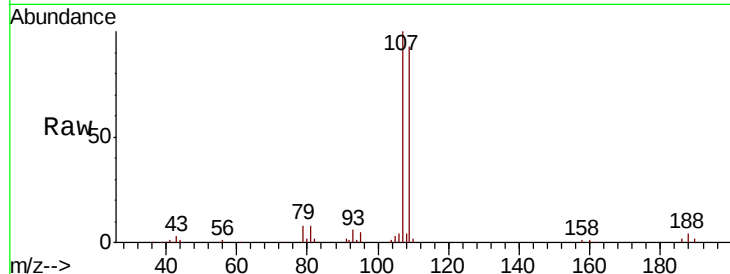
#61
 1,2-Dibromoethane
 Concen: 50.391 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:107 Resp: 72573
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.5 111.7

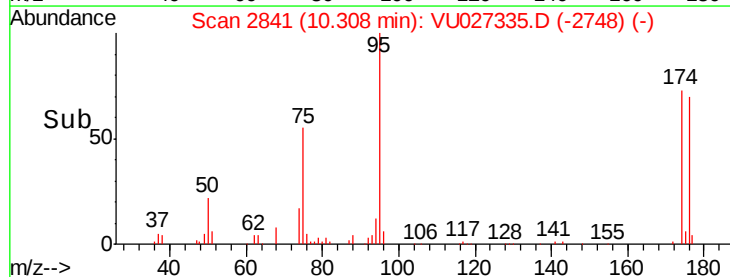
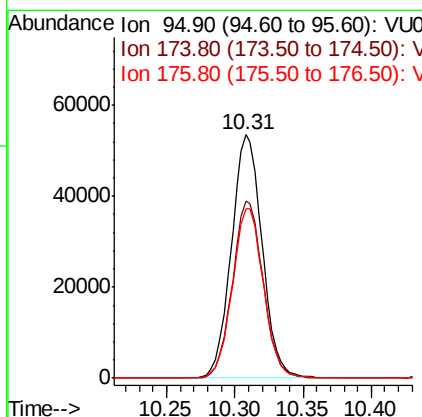
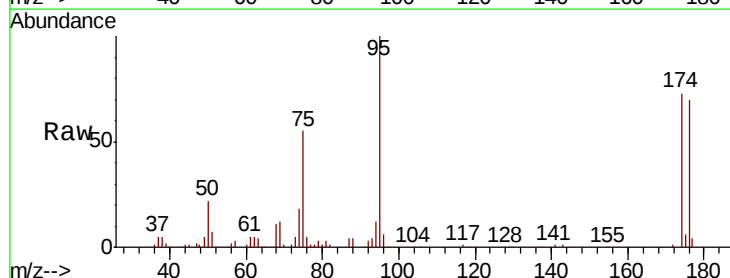
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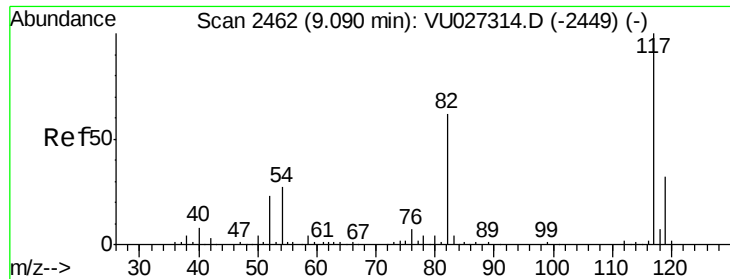
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#62
 4-Bromofluorobenzene
 Concen: 47.995 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion: 95 Resp: 83495
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 147.8
 176 70.3 0.0 140.8





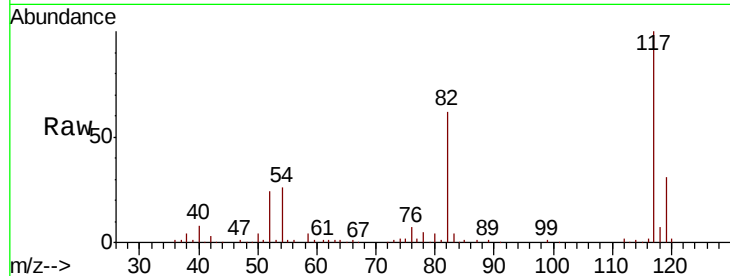
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.2	73.8
119	31.1	25.7	38.5

Manual Integrations
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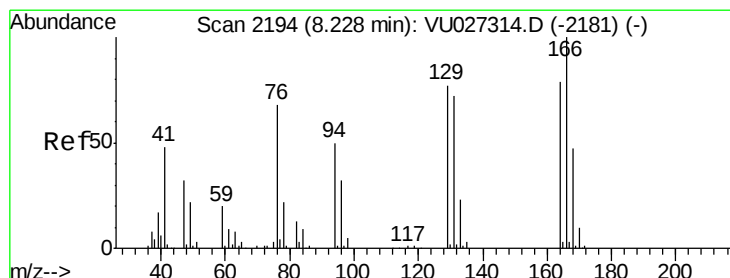
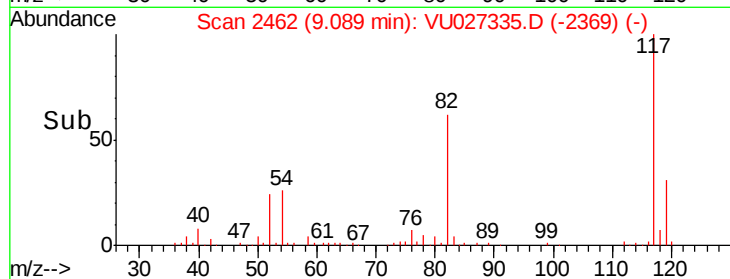
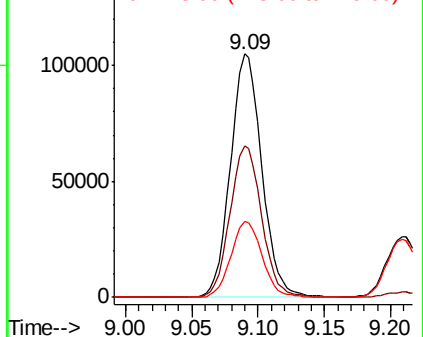


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.090 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.0	151.6
129	95.7	78.0	117.0
131	93.0	72.6	109.0

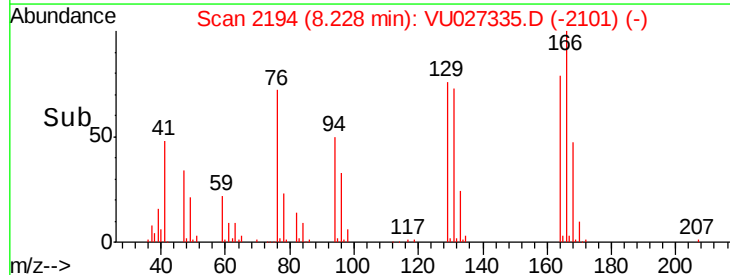
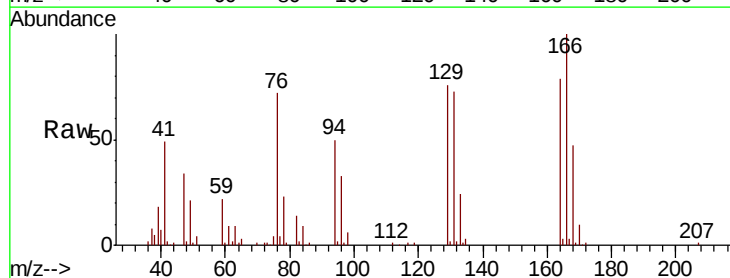
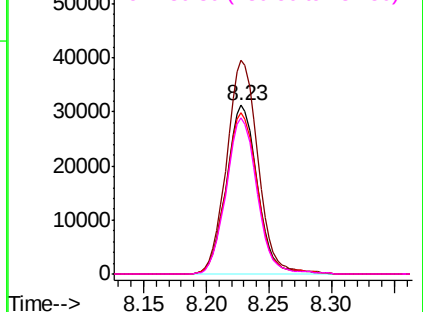
Abundance

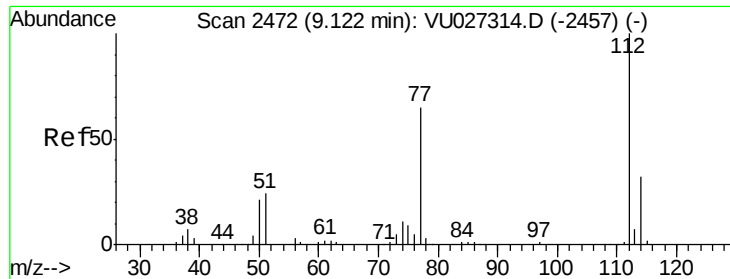
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





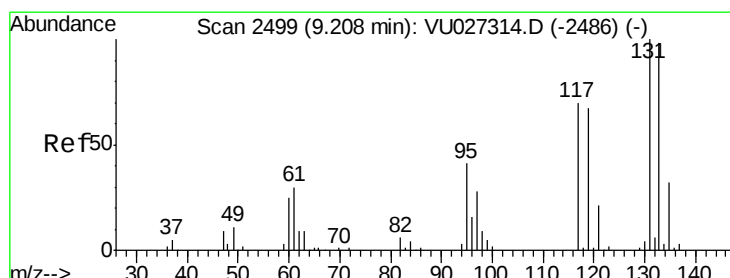
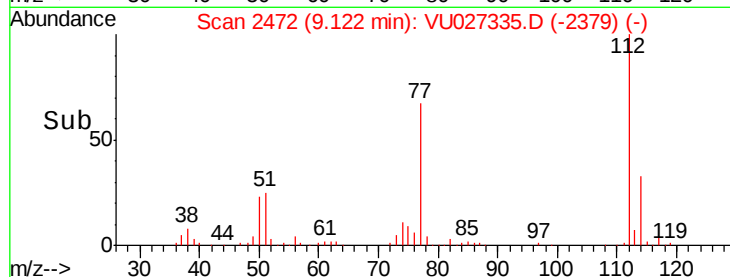
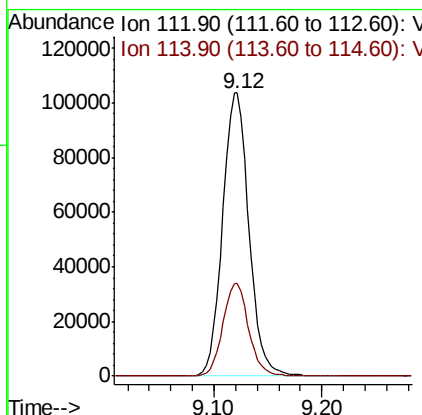
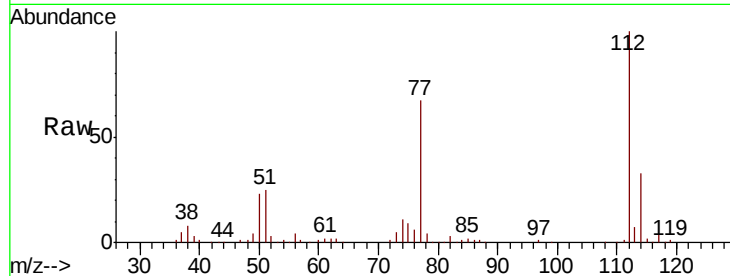
#65
Chlorobenzene
Concen: 48.444 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 175996
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

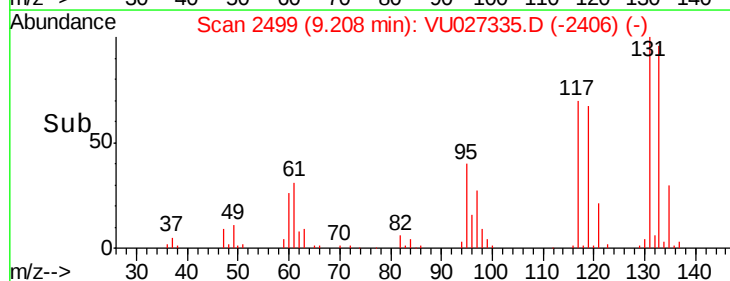
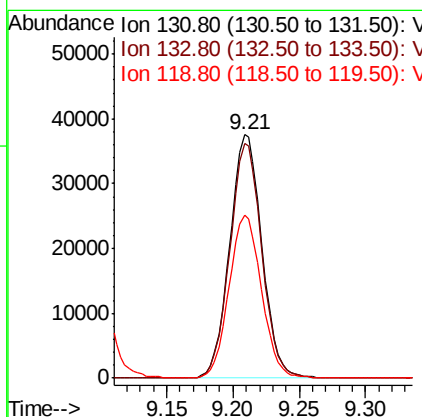
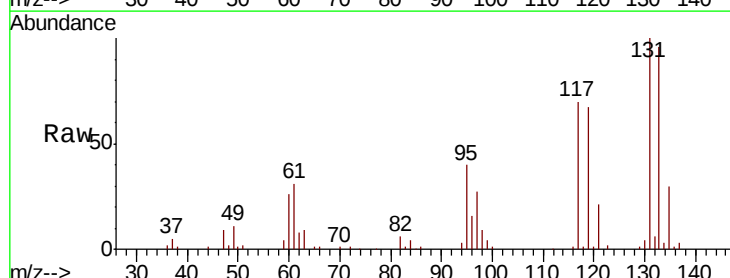
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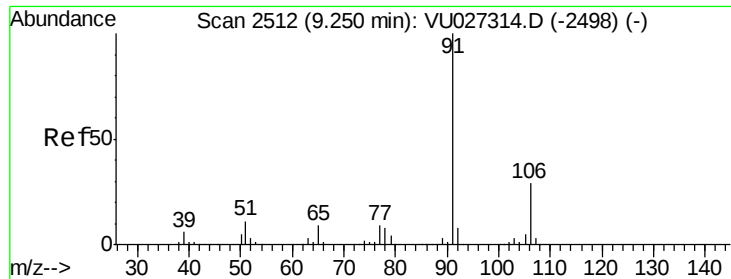
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.404 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion:131 Resp: 63216
Ion Ratio Lower Upper
131 100
133 95.8 48.5 145.6
119 67.6 33.5 100.4





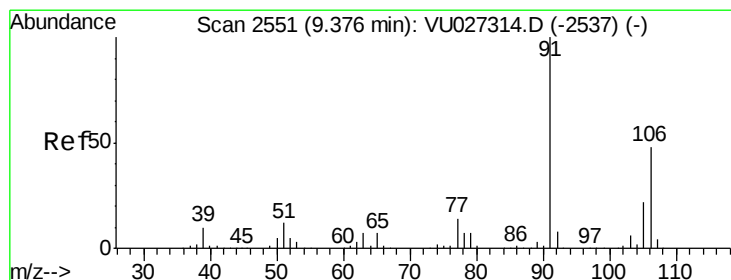
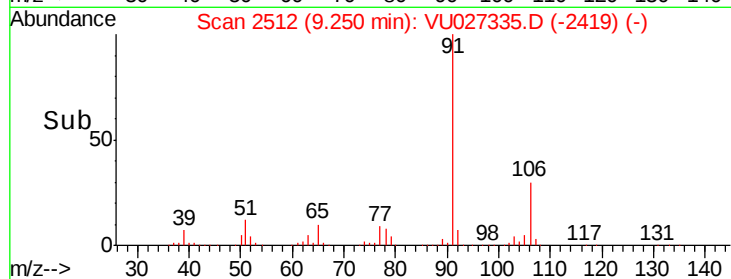
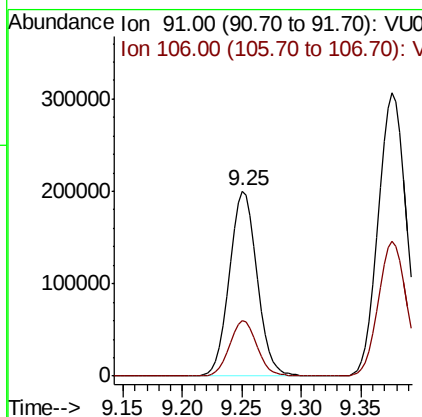
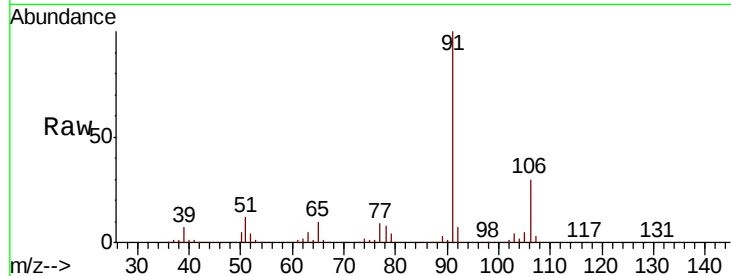
#67
Ethyl Benzene
Concen: 50.297 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 323749
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4

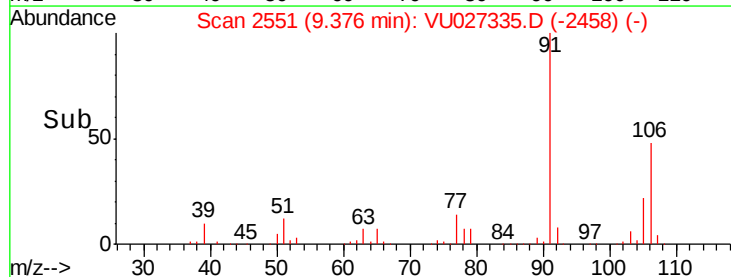
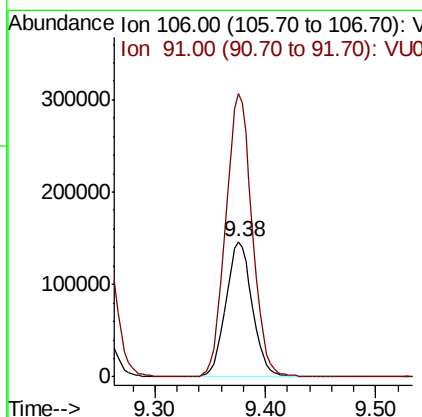
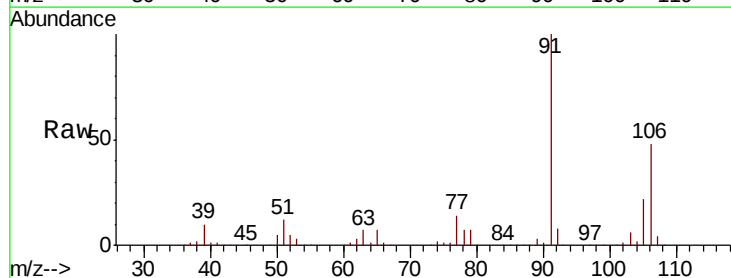
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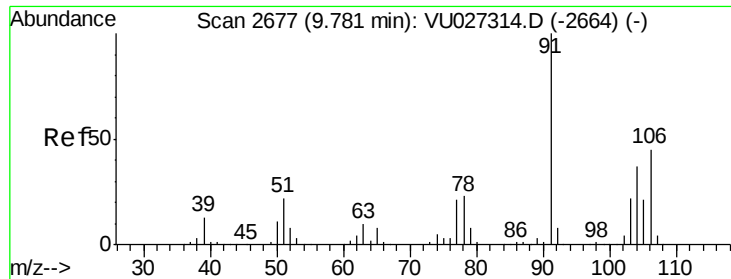
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#68
m/p-Xylenes
Concen: 103.107 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion: 106 Resp: 242759
Ion Ratio Lower Upper
106 100
91 209.4 168.1 252.1





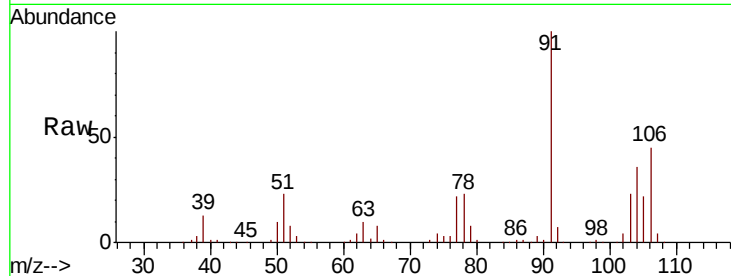
#69
o-Xylene
Concen: 51.825 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

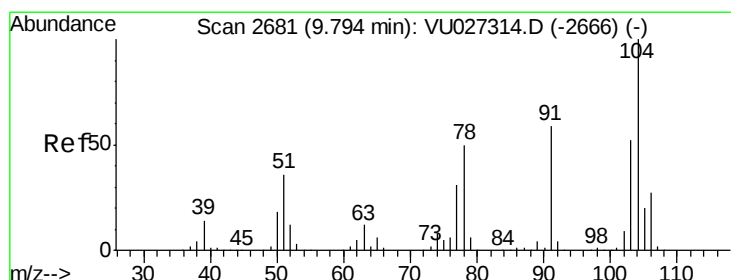
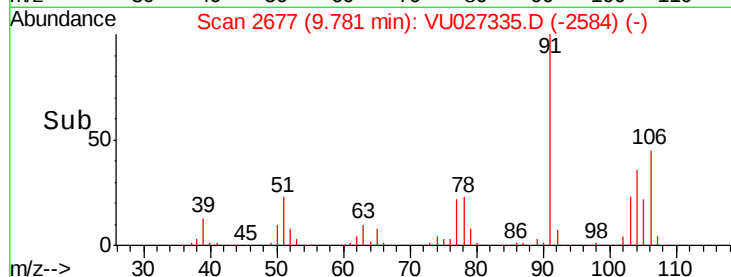
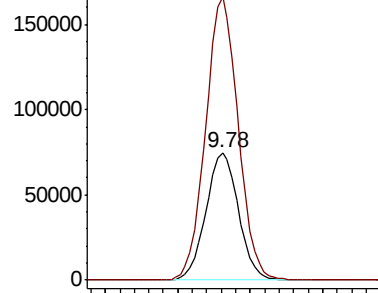
Tot Ion:106 Resp: 115953
Ion Ratio Lower Upper
106 100
91 222.6 111.7 334.9

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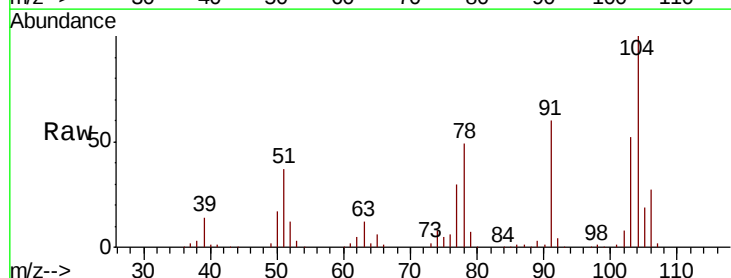


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

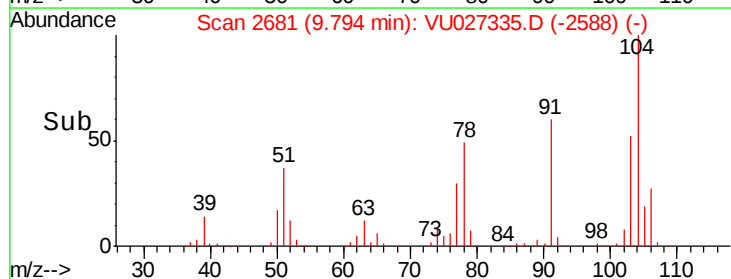
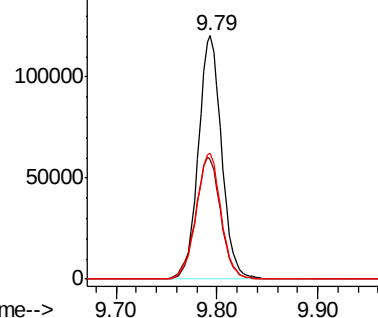


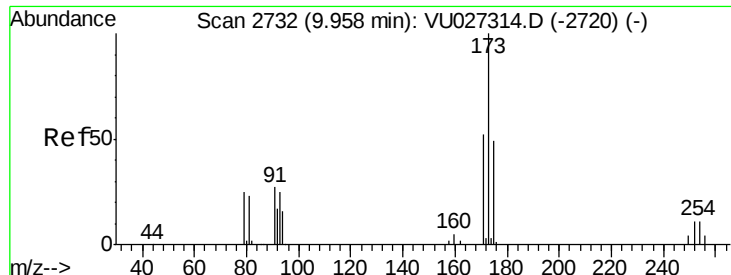
#70
Styrene
Concen: 46.382 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion:104 Resp: 193253
Ion Ratio Lower Upper
104 100
78 54.3 42.9 64.3
103 55.1 43.9 65.9



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





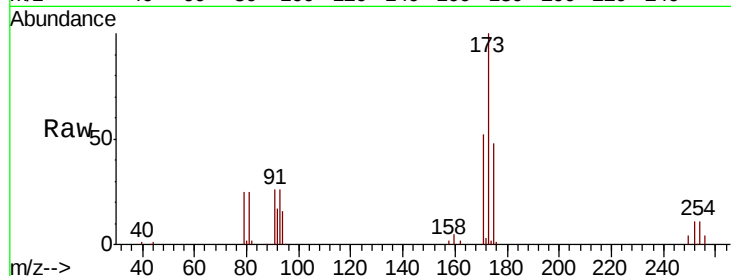
#71
Bromoform
Concen: 49.657 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.0	0.0	0.0

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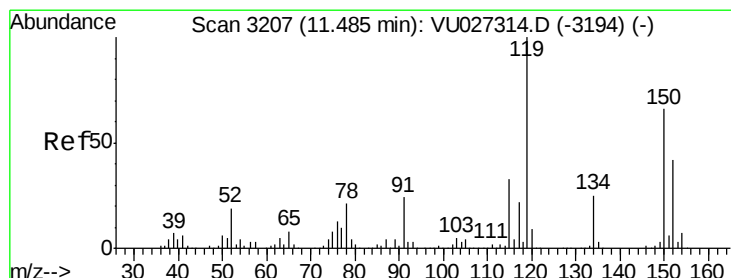
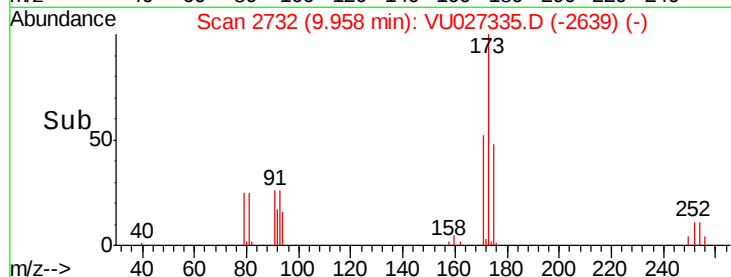
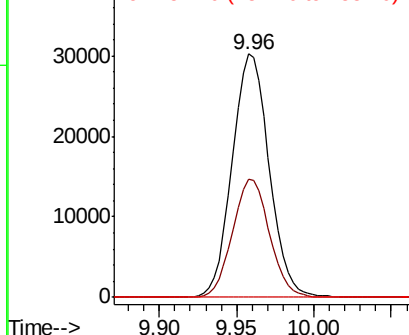


Abundance

Ion 172.70 (172.40 to 173.40): V

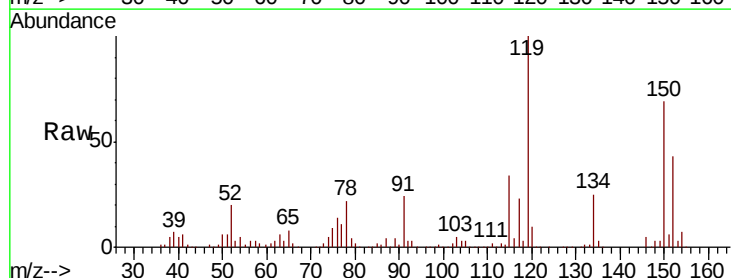
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.5	43.4	130.2
150	172.9	0.0	349.2

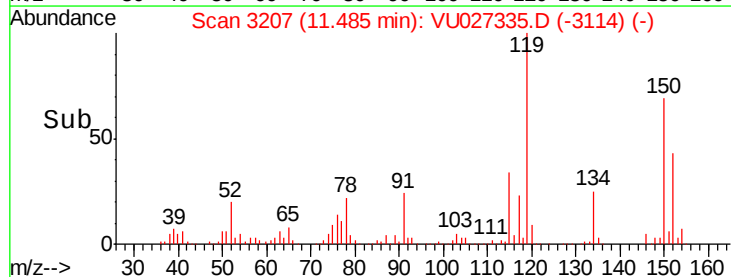
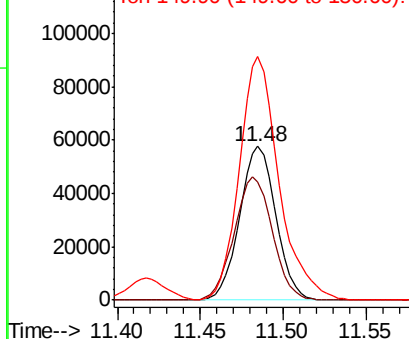


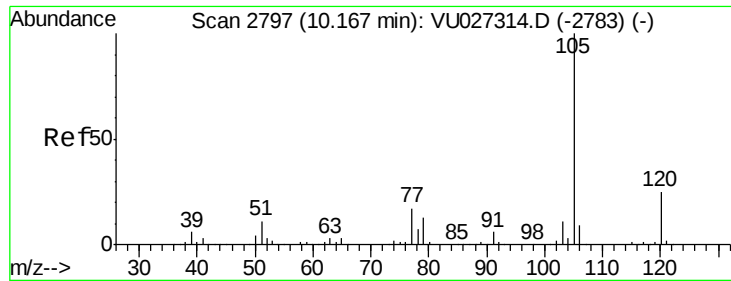
Abundance

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: 49.667 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 316158

Ion Ratio Lower Upper

105 100

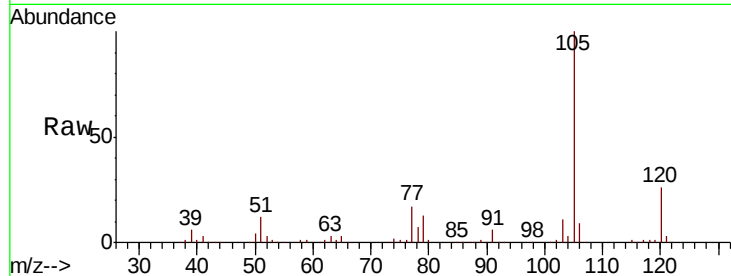
120 25.4 12.6 37.8

Manual Integrations

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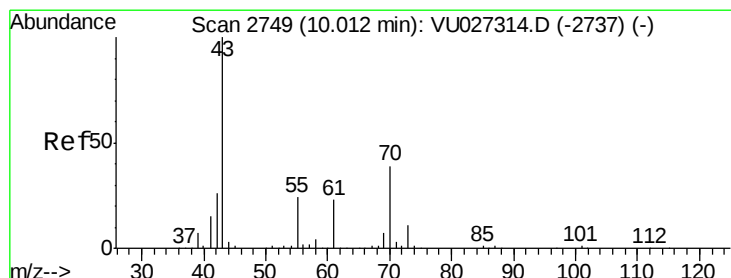
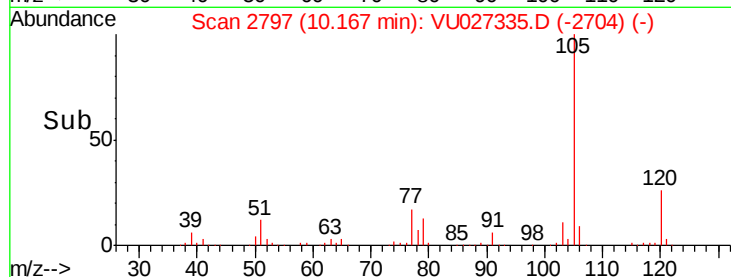
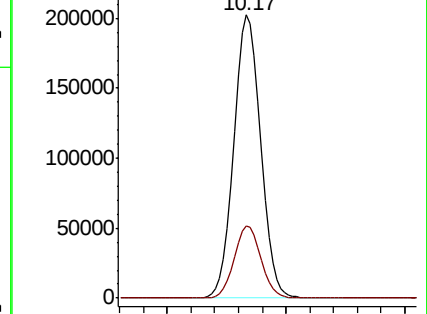
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.989 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion: 43 Resp: 182170

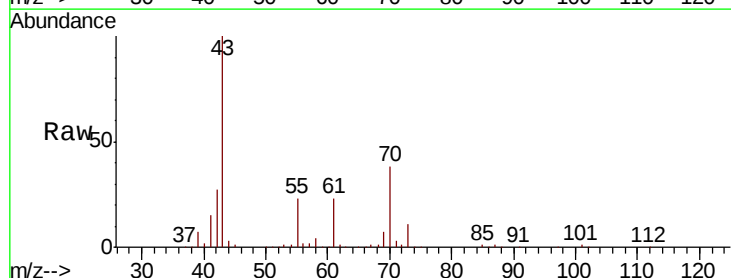
Ion Ratio Lower Upper

43 100

70 38.0 31.3 46.9

55 23.5 19.0 28.6

61 22.7 18.5 27.7

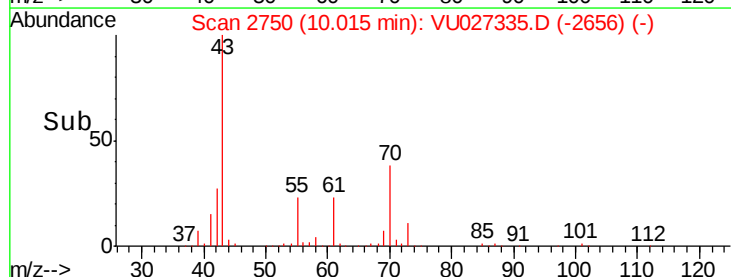
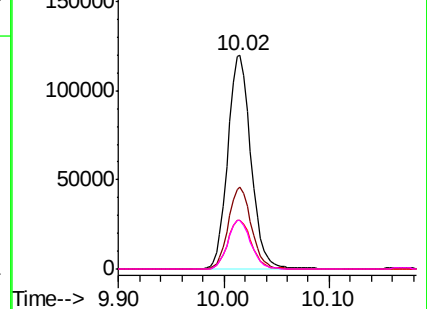


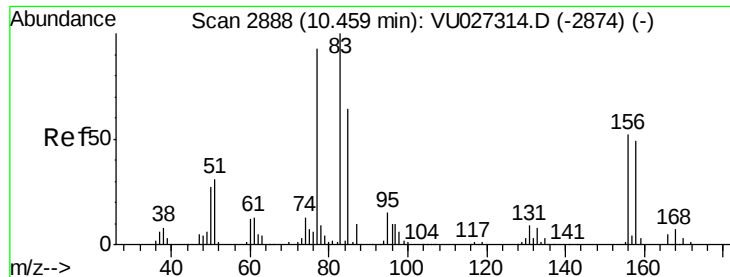
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





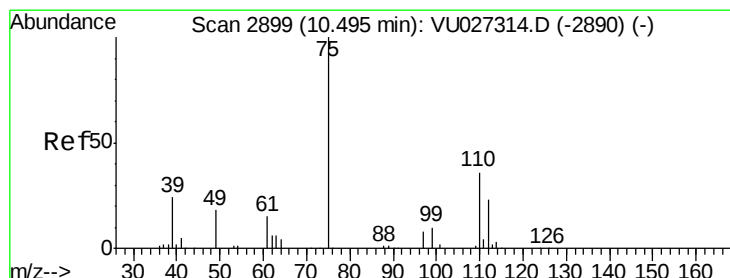
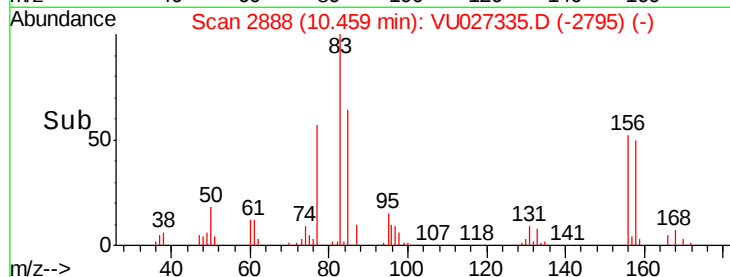
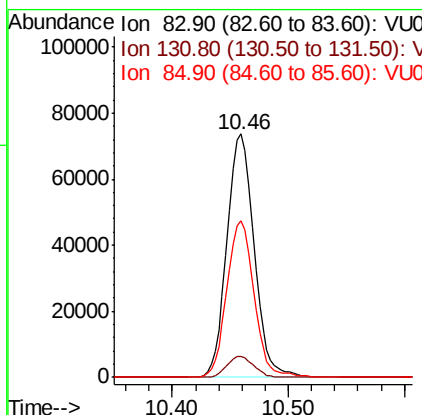
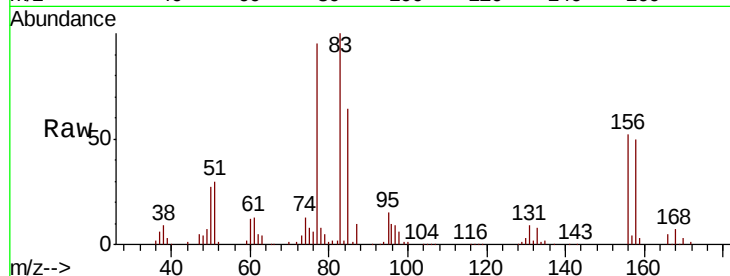
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.761 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	119380
Ion Ratio	100	Lower	Upper
83	100		
131	8.4	4.4	13.2
85	64.4	32.0	96.0

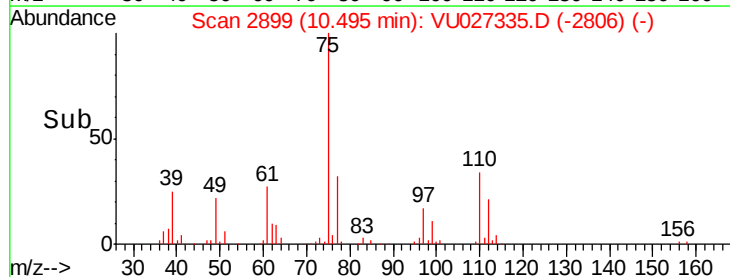
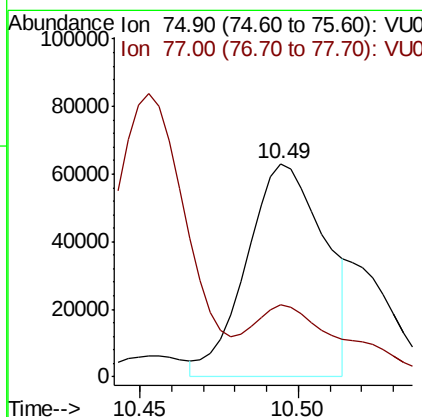
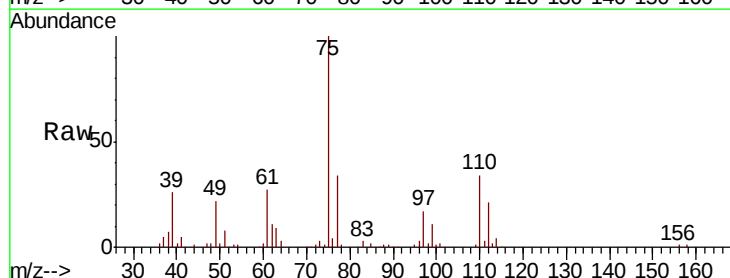
Manual Integrations
 APPROVED

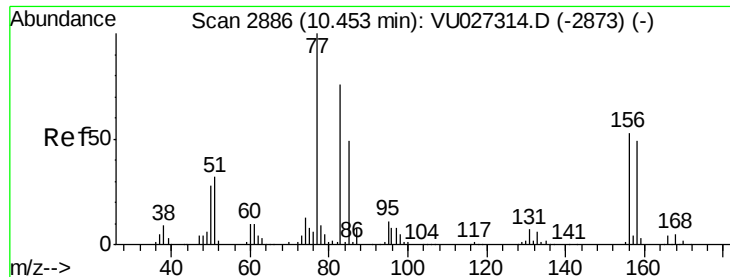
MMDadoda
 10/3/2018 6:14:43 PM



#76
 1,2,3-Trichloropropane
 Concen: 47.921 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	75	Resp	108877
Ion Ratio	100	Lower	Upper
75	100		
77	39.5	20.3	60.9





#77

Bromobenzene

Concen: 48.122 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

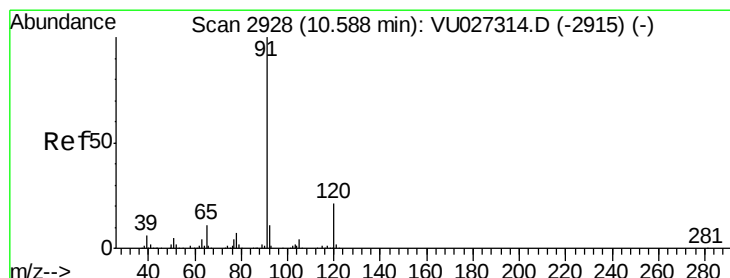
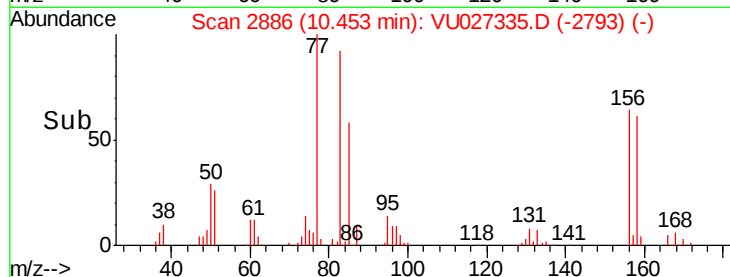
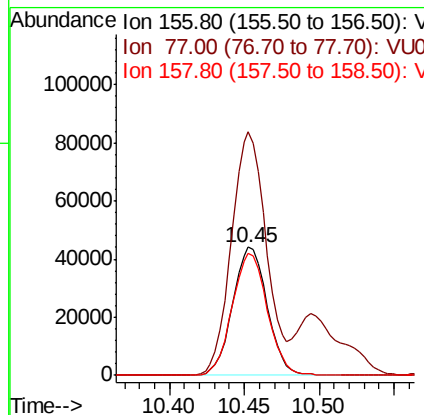
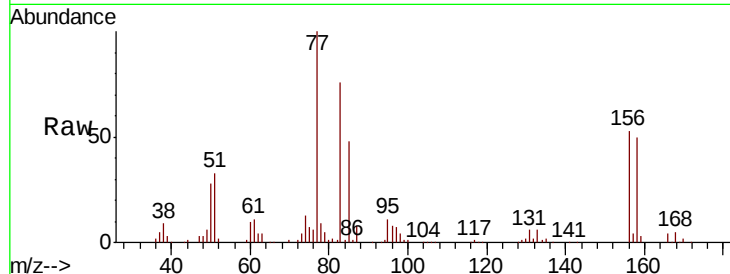
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.0	94.8	284.4
158	96.5	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.793 ug/l

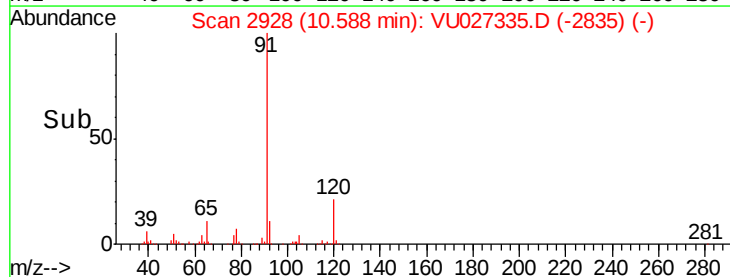
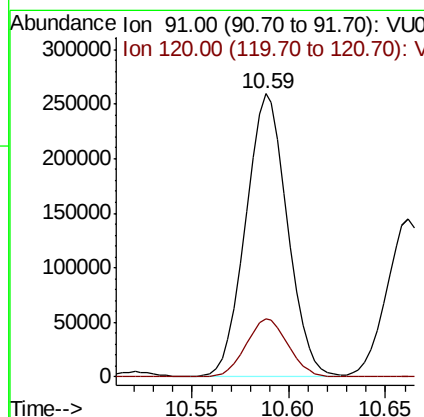
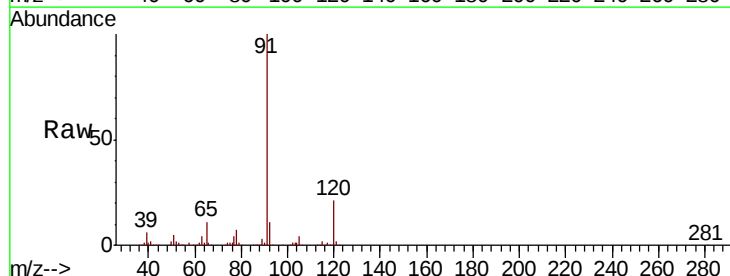
RT: 10.59 min Scan# 2928

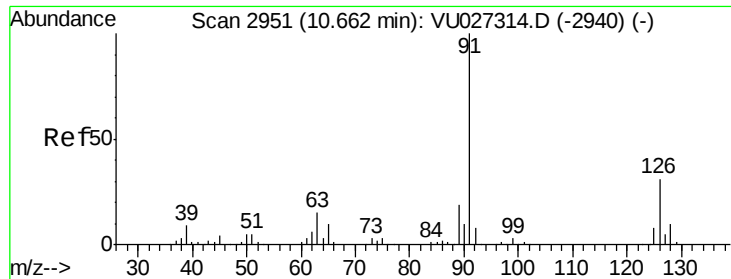
Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.6	31.8





#79

2-Chlorotoluene

Concen: 48.524 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 224103

Ion Ratio Lower Upper

91 100

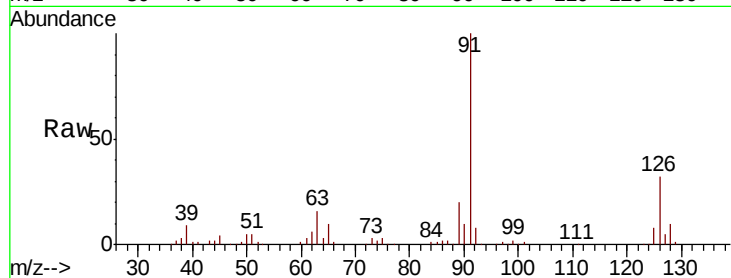
126 31.6 15.7 47.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU027335.D (-2858) (-)

Ion 125.90 (125.60 to 126.60): VU027335.D (-2858) (-)

300000

250000

200000

150000

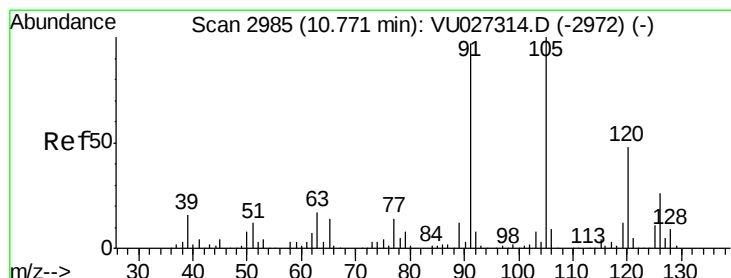
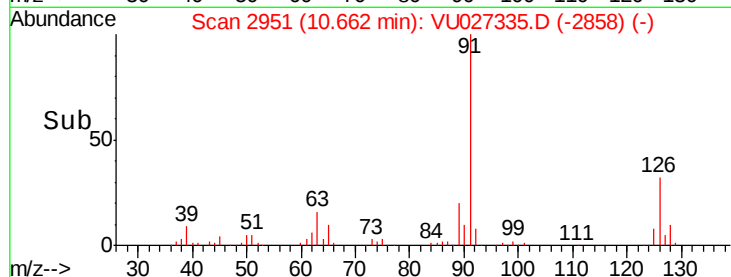
100000

50000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.275 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027335.D

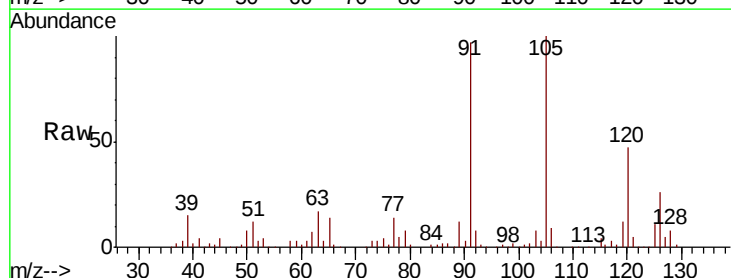
Acq: 02 Oct 2018 09:17

Tgt Ion: 105 Resp: 265736

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VU027335.D (-2892) (-)

Ion 120.00 (119.70 to 120.70): VU027335.D (-2892) (-)

200000

150000

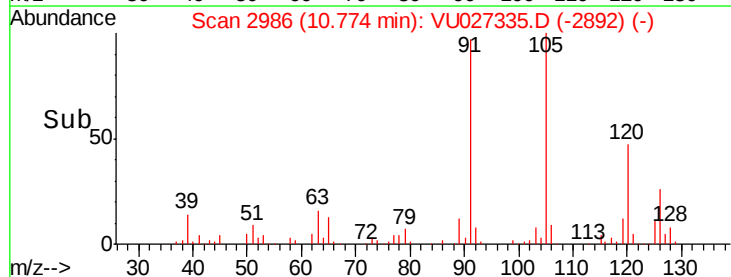
100000

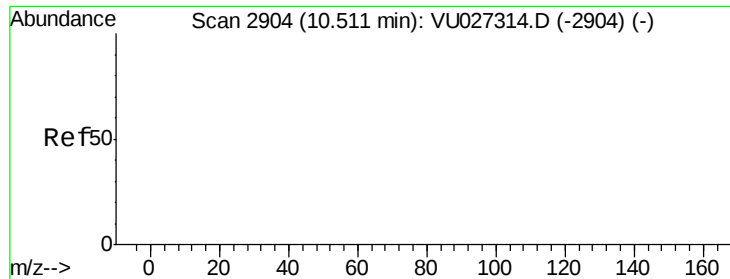
50000

0

10.70 10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 38.418 ug/l m

RT: 10.51 min Scan# 2905

Delta R.T. 0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

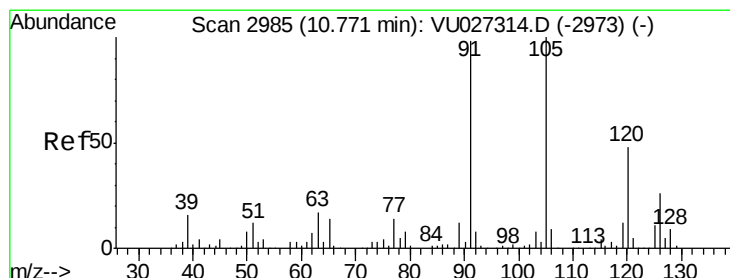
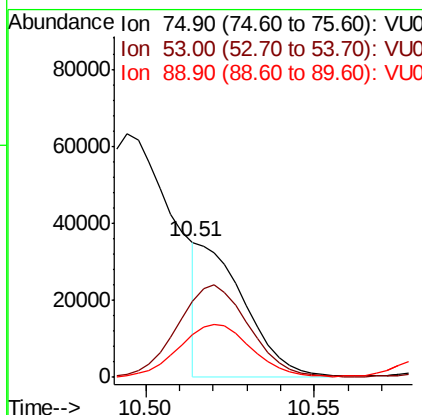
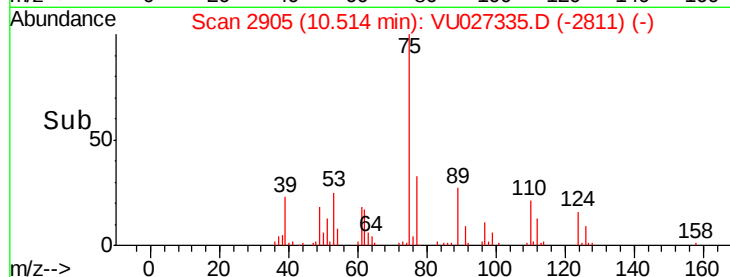
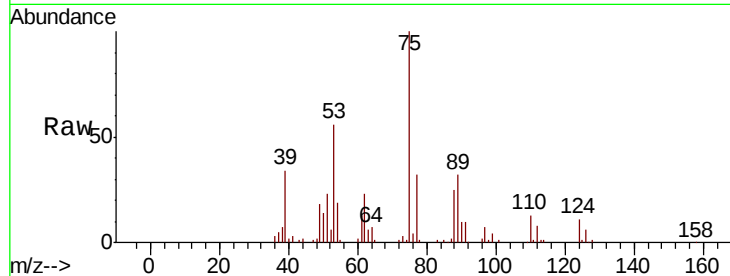
Instrument :
MSVOA_U

ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.229 ug/l

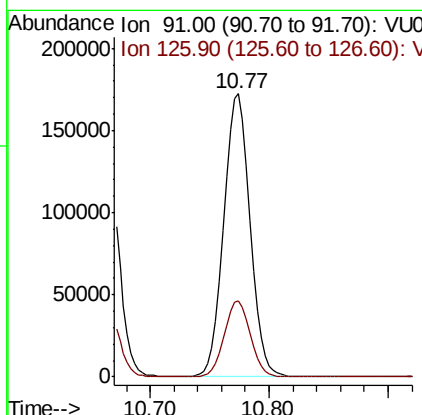
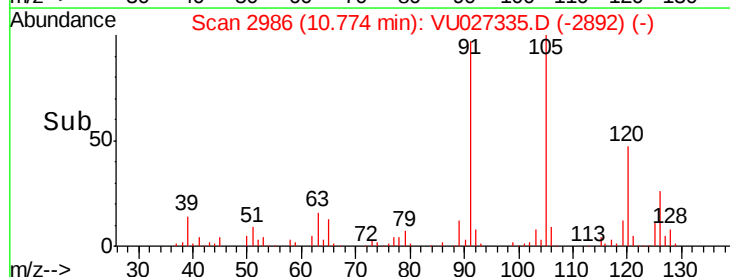
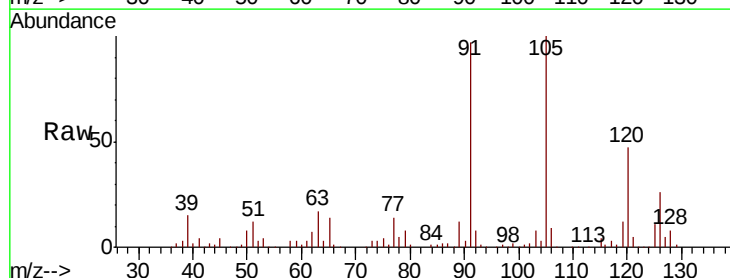
RT: 10.77 min Scan# 2986

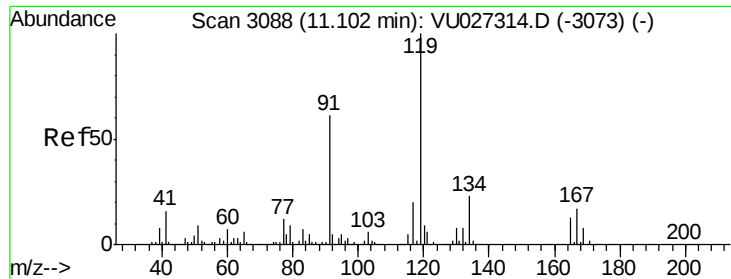
Delta R.T. 0.00 min

Lab File: VU027335.D

Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.8	13.6	40.8





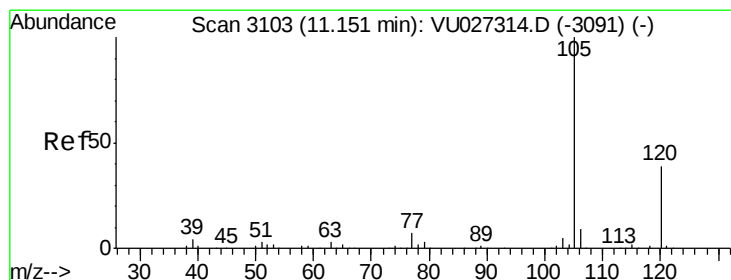
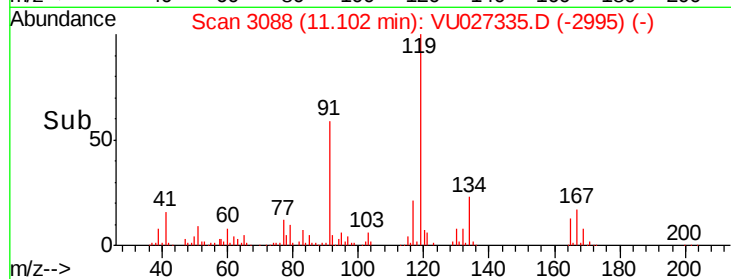
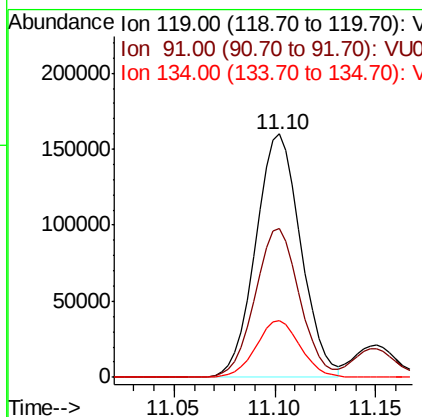
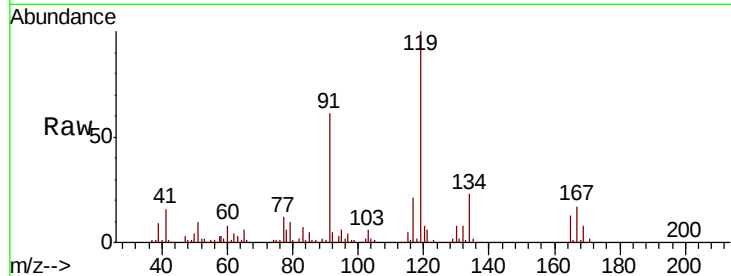
#83
tert-Butylbenzene
Concen: 49.901 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	250012		
91	60.7	30.3	91.0	
134	22.8	11.5	34.4	

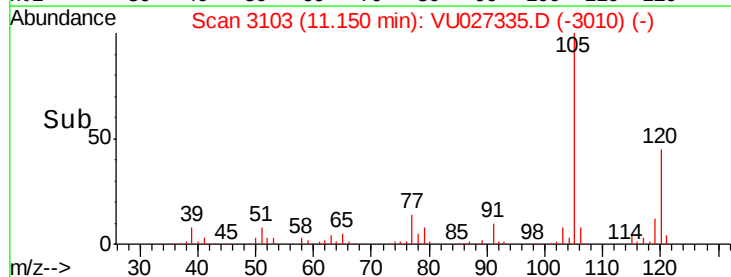
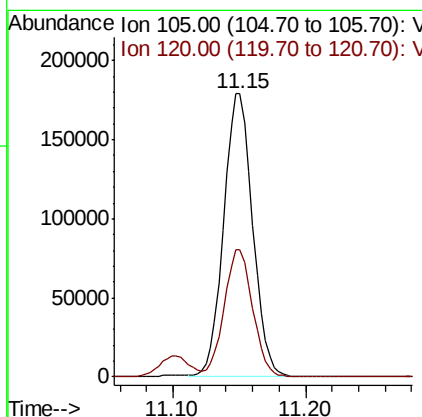
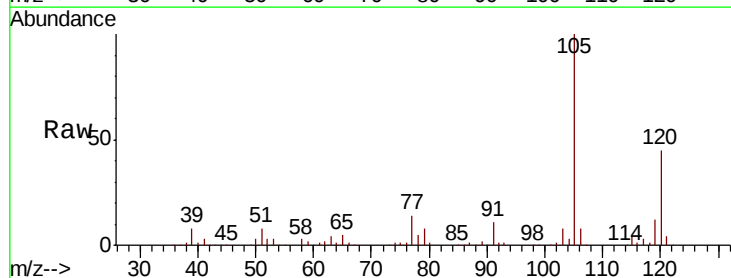
Manual Integrations
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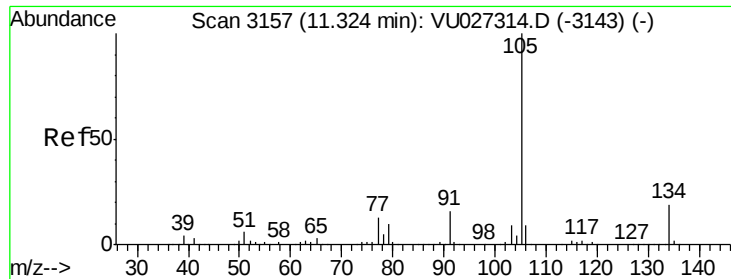
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.245 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271289		
120	44.4	22.1	66.5	





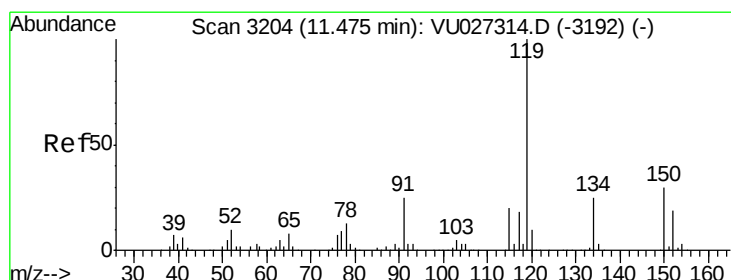
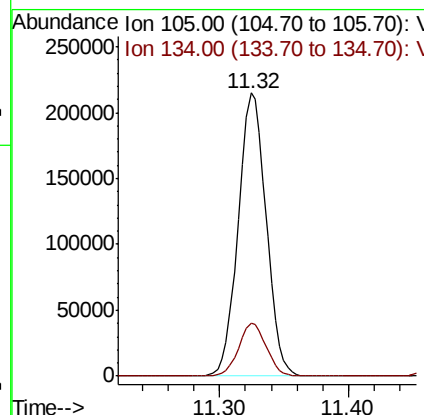
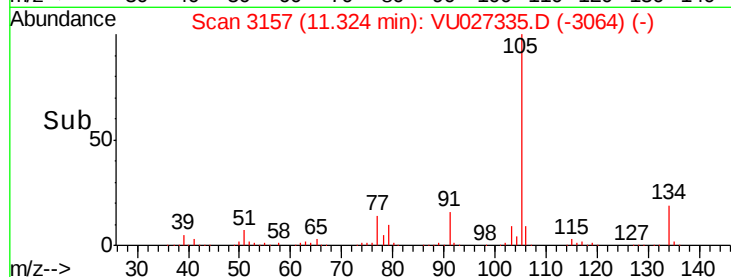
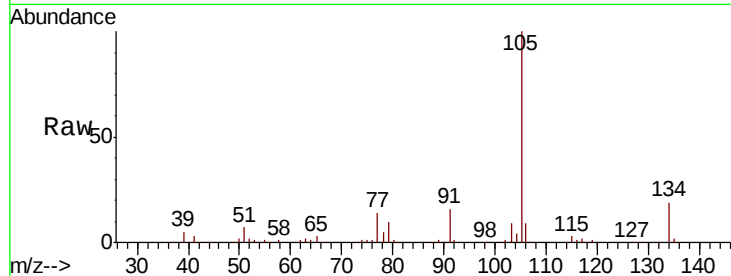
#85
 sec-Butylbenzene
 Concen: 51.209 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.4	9.6	28.6

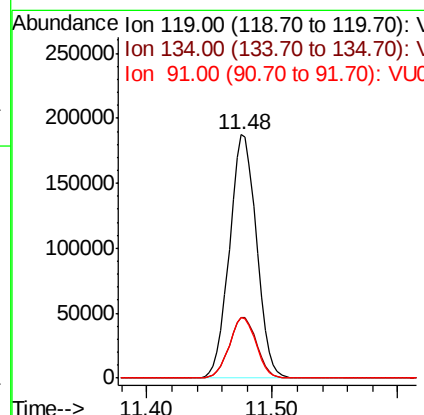
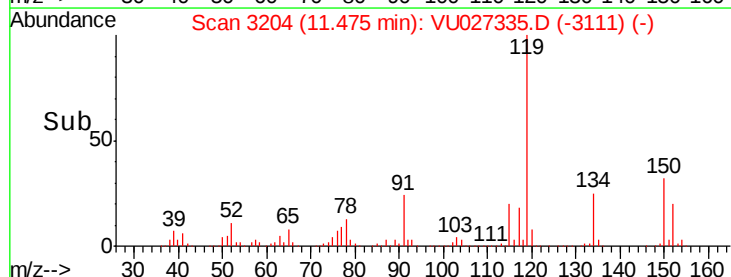
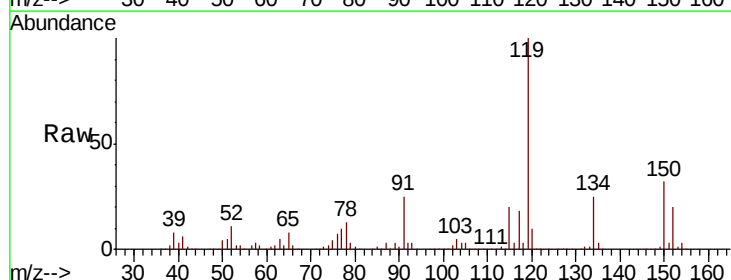
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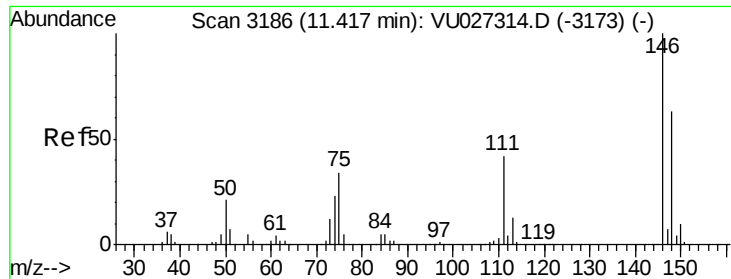
MMDadoda
 10/3/2018 6:14:43 PM



#86
 p-Isopropyltoluene
 Concen: 51.767 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	24.6	12.2	36.4





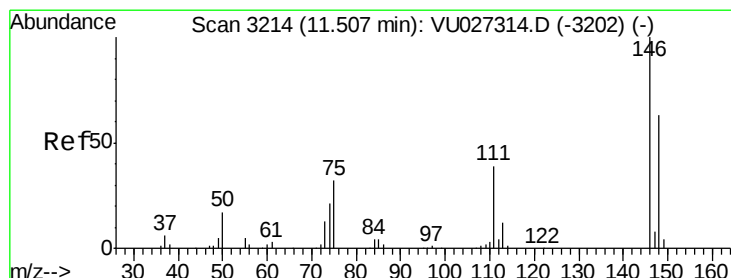
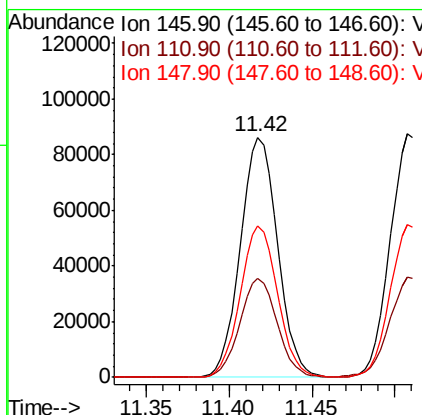
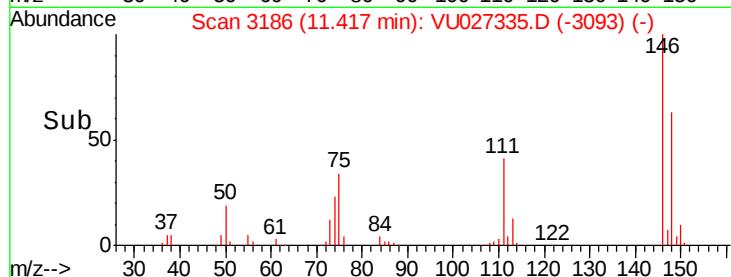
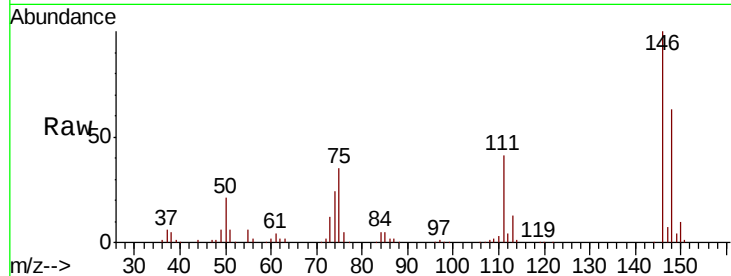
#87
 1,3-Dichlorobenzene
 Concen: 48.181 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	63.1	31.6	94.8

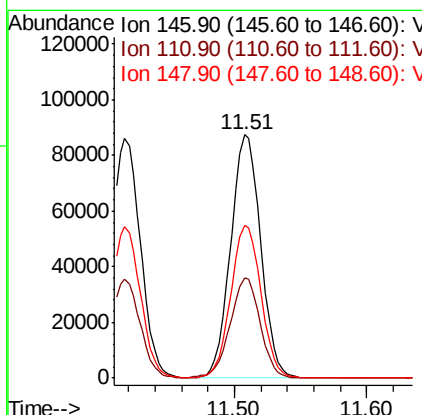
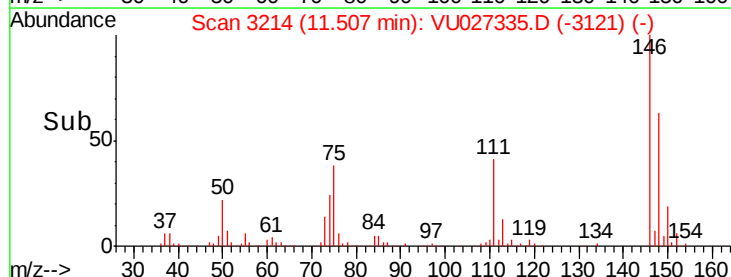
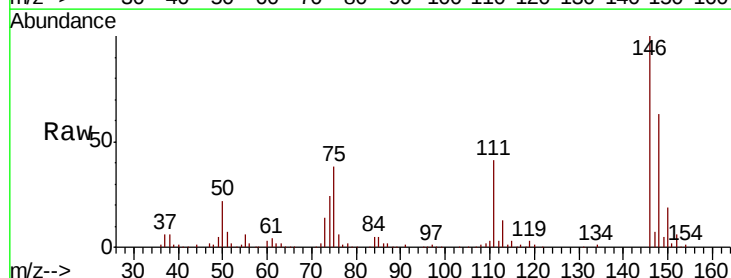
Manual Integrations
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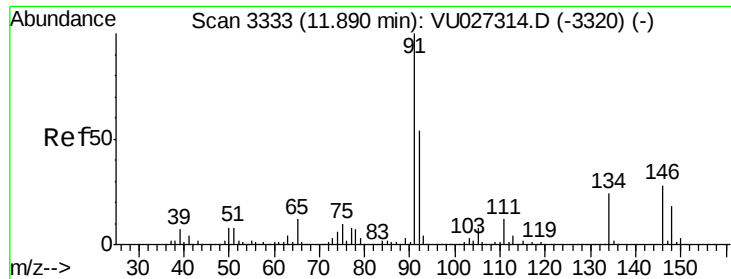
MMDadoda
 10/3/2018 6:14:43 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.134 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	63.1	31.9	95.5





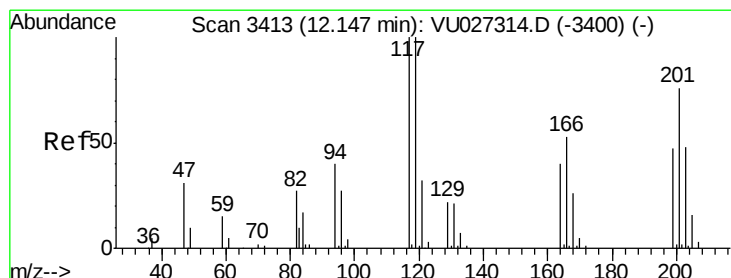
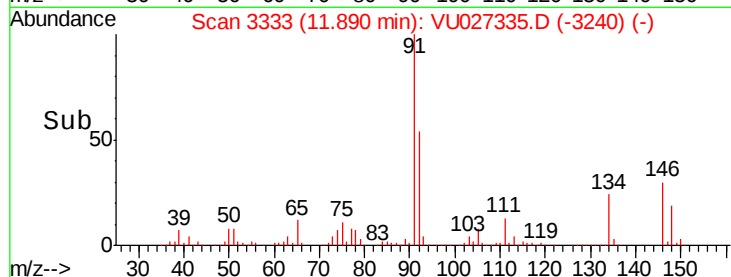
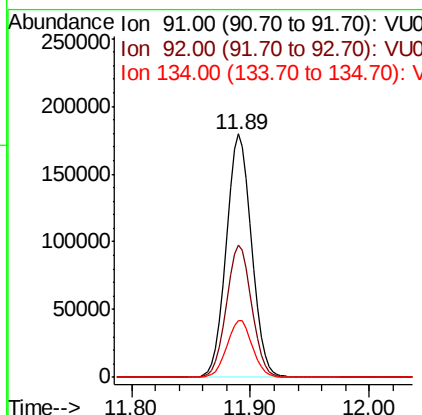
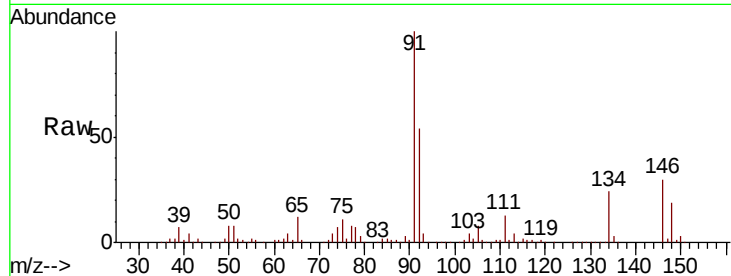
#89
n-Butylbenzene
Concen: 46.158 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	81.0
134	23.5	11.7	35.1

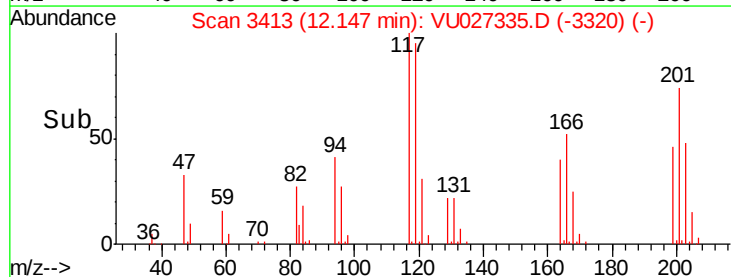
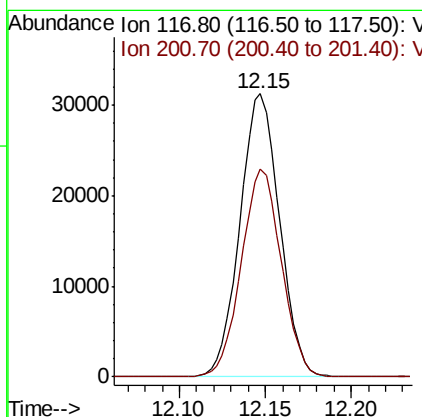
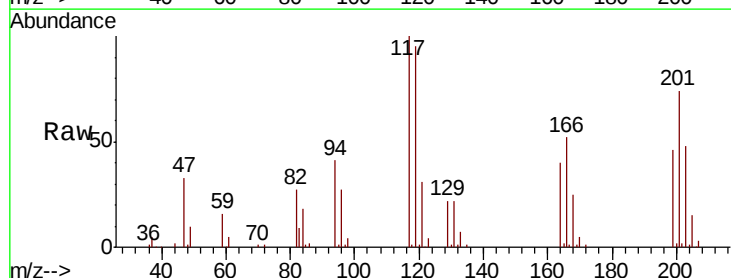
Manual Integrations
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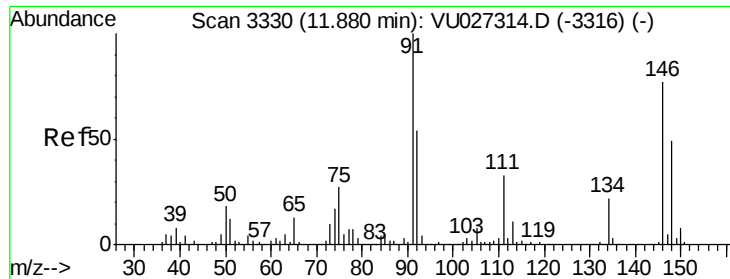
MMDadoda
10/3/2018 6:14:43 PM



#90
Hexachloroethane
Concen: 49.043 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	37.9	113.6





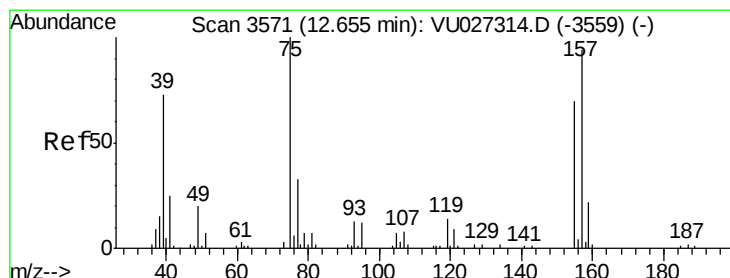
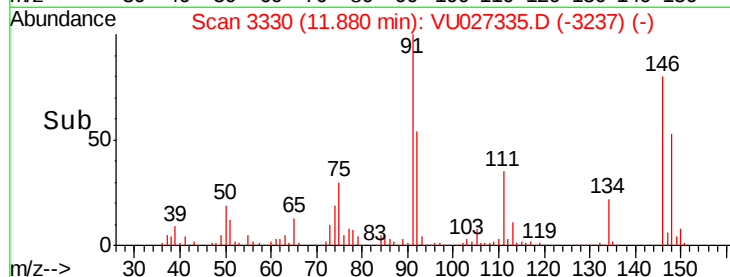
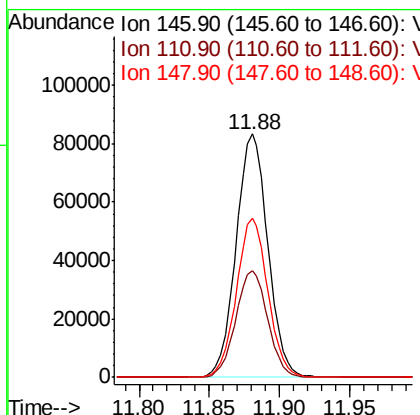
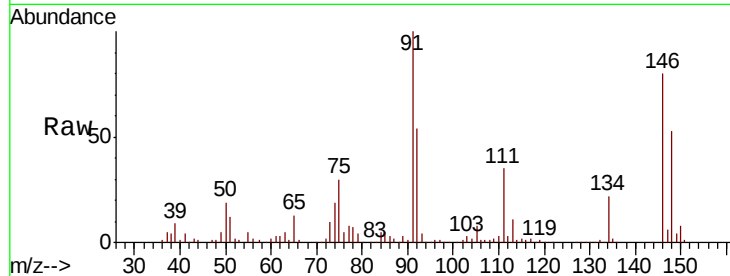
#91
 1,2-Dichlorobenzene
 Concen: 48.173 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	64.7	31.9	95.5

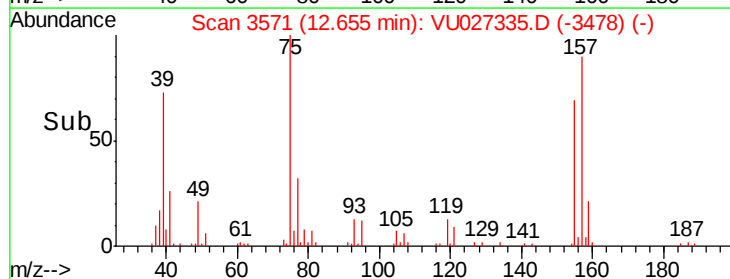
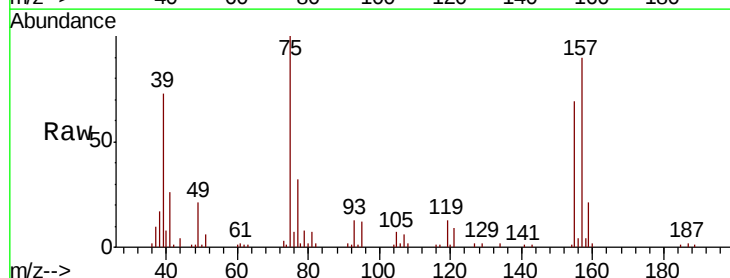
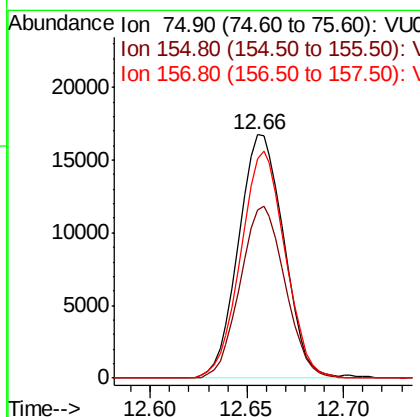
Manual Integrations
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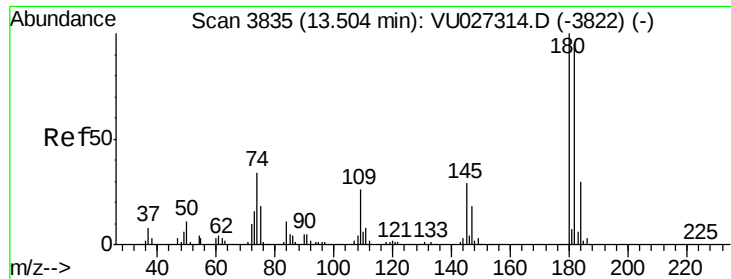
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.313 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.8	35.9	107.8
157	91.4	46.9	140.6





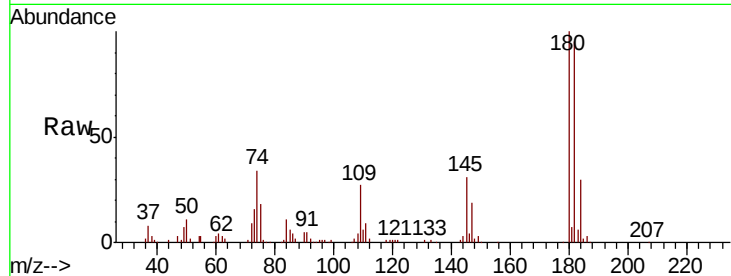
#93
 1,2,4-Trichlorobenzene
 Concen: 49.955 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.4	142.3	
145	29.8	14.6	44.0	

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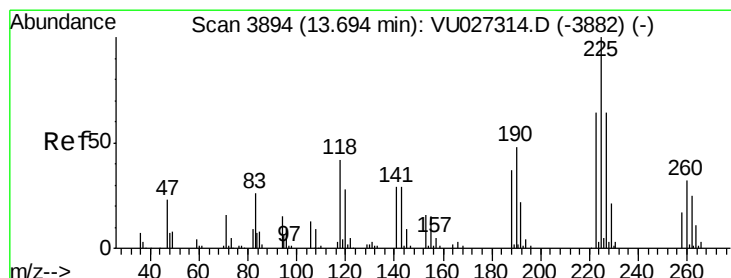
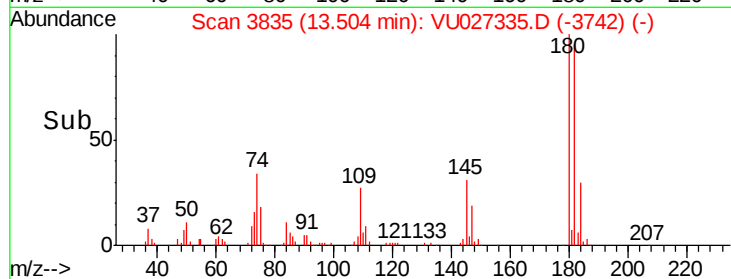
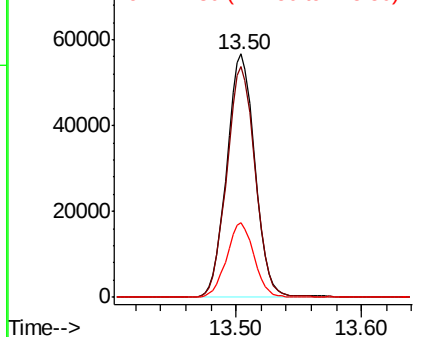


Abundance

Ion 179.80 (179.50 to 180.50): V

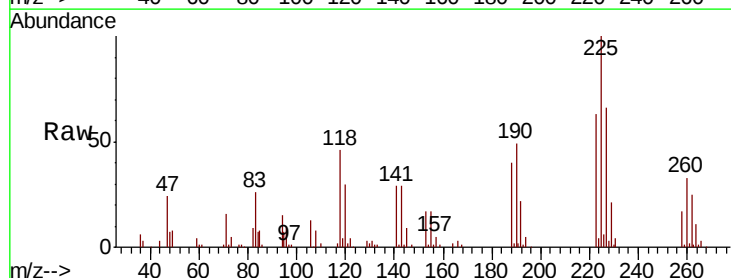
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.455 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027335.D
 Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	31.8	95.3	
227	64.9	31.9	95.7	

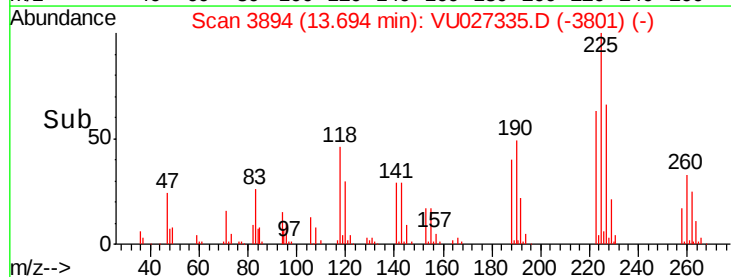
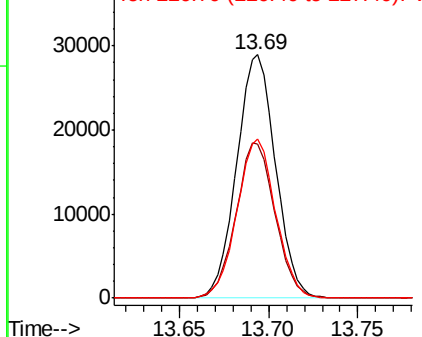


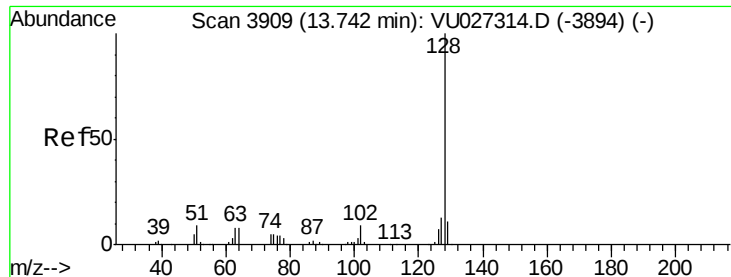
Abundance

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





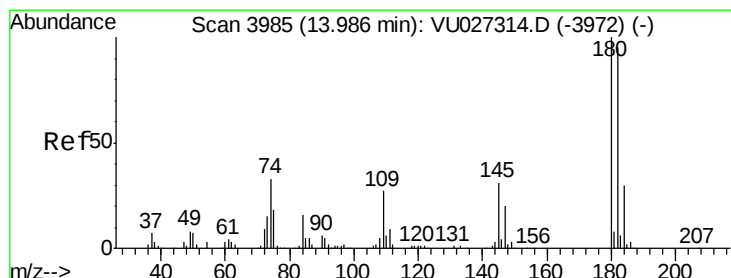
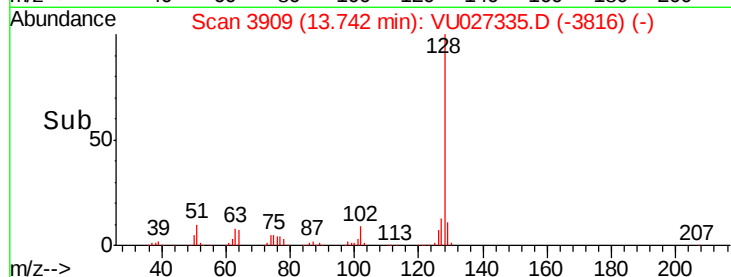
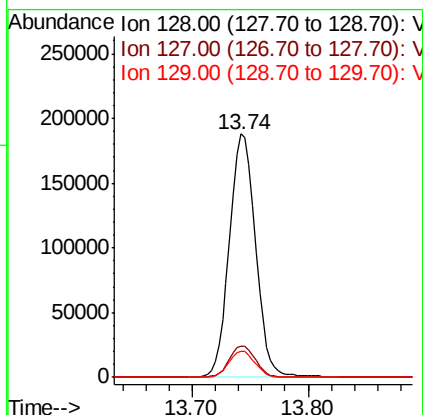
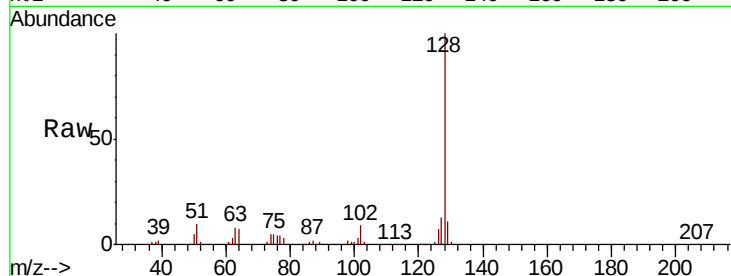
#95
Naphthalene
Concen: 44.644 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 49.788 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027335.D
Acq: 02 Oct 2018 09:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	32.1	15.9	47.7

