

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027163.D
 Acq On : 26 Sep 2018 09:19
 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
 9/27/2018 3:33:17 PM

Quant Time: Sep 27 01:16:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133554	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	78169	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	4.88	113	54773	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
50) Toluene-d8	7.57	98	205714	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	10.31	95	76271	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	44577	43.596	ug/l	99
3) Chloromethane	1.33	50	75728	42.957	ug/l	99
4) Vinyl Chloride	1.40	62	72310	43.942	ug/l	99
5) Bromomethane	1.61	94	53766	57.375	ug/l	97
6) Chloroethane	1.69	64	46743	44.457	ug/l	100
7) Trichlorofluoromethane	1.88	101	82720	44.260	ug/l	99
8) Diethyl Ether	2.10	74	42617	47.373	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.28	101	52464	45.654	ug/l	98
10) Methyl Iodide	2.41	142	48446	33.991	ug/l	98
11) Tert butyl alcohol	2.83	59	96467	267.017	ug/l	99
12) 1,1-Dichloroethene	2.28	96	47417	43.838	ug/l	93
13) Acrolein	2.19	56	75646	388.423	ug/l	98
14) Allyl chloride	2.59	41	120377	54.871	ug/l	98
15) Acrylonitrile	2.94	53	245313	269.411	ug/l	99
16) Acetone	2.32	43	260559	315.554	ug/l	100
17) Carbon Disulfide	2.47	76	146175	41.485	ug/l	100
18) Methyl Acetate	2.61	43	130847	58.324	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	217926	54.828	ug/l	100
20) Methylene Chloride	2.70	84	65041	46.076	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	54384	47.093	ug/l	97
22) Diisopropyl ether	3.57	45	269742	57.485	ug/l	97
23) Vinyl Acetate	3.52	43	1162036	290.518	ug/l	99
24) 1,1-Dichloroethane	3.44	63	132559	51.293	ug/l	98
25) 2-Butanone	4.26	43	368944	278.529	ug/l	98
26) 2,2-Dichloropropane	4.22	77	104790	51.992	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	65395	50.143	ug/l	95
28) Bromochloromethane	4.55	49	74262	59.611	ug/l	94
29) Tetrahydrofuran	4.64	42	225840	281.840	ug/l	97
30) Chloroform	4.67	83	119719	49.906	ug/l	99
31) Cyclohexane	5.00	56	114476	48.714	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	95824	50.030	ug/l	99
36) 1,1-Dichloropropene	5.13	75	84705	47.522	ug/l	99
37) Ethyl Acetate	4.38	43	129521	53.677	ug/l	98
38) Carbon Tetrachloride	5.13	117	79283	46.741	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	100315	51.789	ug/l	97
40) Benzene	5.39	78	262671	48.476	ug/l	99
41) Methacrylonitrile	4.54	41	73838	58.922	ug/l	96
42) 1,2-Dichloroethane	5.40	62	105964	51.760	ug/l	98
43) Isopropyl Acetate	5.55	43	205287	58.337	ug/l	98
44) Trichloroethene	6.19	130	55101	47.766	ug/l	97
45) 1,2-Dichloropropane	6.43	63	80234	51.967	ug/l	99
46) Dibromomethane	6.56	93	46617	49.994	ug/l	97
47) Bromodichloromethane	6.76	83	95970	50.900	ug/l	96
48) Methyl methacrylate	6.62	41	101410	52.888	ug/l	98
49) 1,4-Dioxane	6.61	88	36935	970.971	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	674685	285.071	ug/l	100
52) Toluene	7.64	92	158224	50.943	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	111747	55.162	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	119065	53.455	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	67158	51.030	ug/l	99
56) Ethyl methacrylate	8.02	69	114597	50.177	ug/l	96
57) 1,3-Dichloropropane	8.24	76	127984	52.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	328452	253.383	ug/l	98
59) 2-Hexanone	8.36	43	527193	284.566	ug/l	98
60) Dibromochloromethane	8.48	129	66660	51.638	ug/l	99
61) 1,2-Dibromoethane	8.59	107	68605	50.102	ug/l	99
64) Tetrachloroethene	8.23	164	46181	47.002	ug/l	99
65) Chlorobenzene	9.12	112	163874	48.471	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	59322	50.943	ug/l	99
67) Ethyl Benzene	9.25	91	299178	53.814	ug/l	99
68) m/p-Xylenes	9.38	106	221003	98.186	ug/l	98
69) o-Xylene	9.78	106	107854	54.754	ug/l	98
70) Styrene	9.79	104	180676	49.156	ug/l	99
71) Bromoform	9.96	173	48778	54.167	ug/l #	99
73) Isopropylbenzene	10.17	105	292425	55.267	ug/l	100
74) N-amyl acetate	10.02	43	181268	59.185	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	121332	49.875	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	109127m	51.643	ug/l	
77) Bromobenzene	10.45	156	65589	50.727	ug/l	94
78) n-propylbenzene	10.59	91	354853	56.680	ug/l	99
79) 2-Chlorotoluene	10.66	91	210517	53.533	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	245277	56.157	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	33545m	50.802	ug/l	
82) 4-Chlorotoluene	10.77	91	242062	54.897	ug/l	98
83) tert-Butylbenzene	11.10	119	236704	54.816	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	252244	56.748	ug/l	98
85) sec-Butylbenzene	11.32	105	297219	56.386	ug/l	100
86) p-Isopropyltoluene	11.48	119	253370	51.203	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	121801	50.622	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	124303	47.401	ug/l	98
89) n-Butylbenzene	11.89	91	233601	48.782	ug/l	99
90) Hexachloroethane	12.15	117	47624	49.683	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	124340	48.649	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26728	53.856	ug/l	96

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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	77400	52.551	ug/l	98
94) Hexachlorobutadiene	13.69	225	39174	50.267	ug/l	97
95) Naphthalene	13.74	128	282927	49.160	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	83668	52.972	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: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 78314

Ion Ratio Lower Upper

168 100

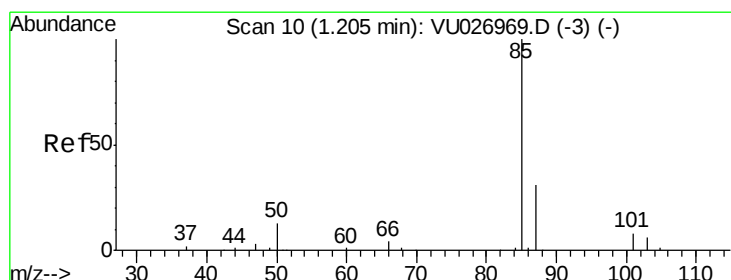
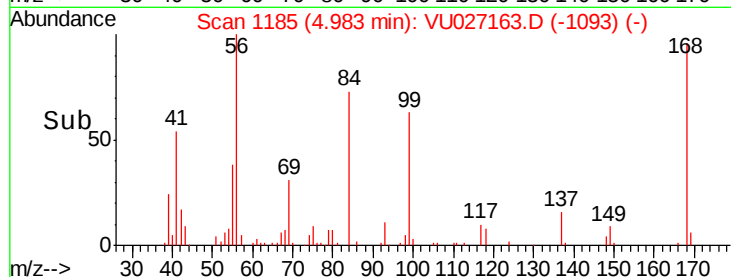
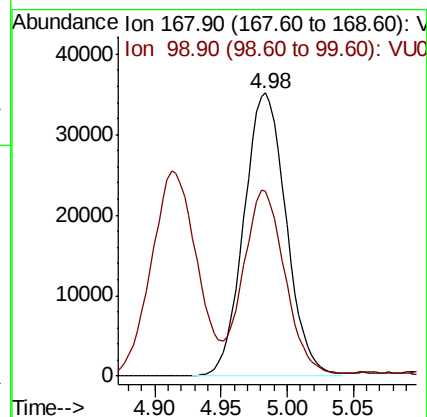
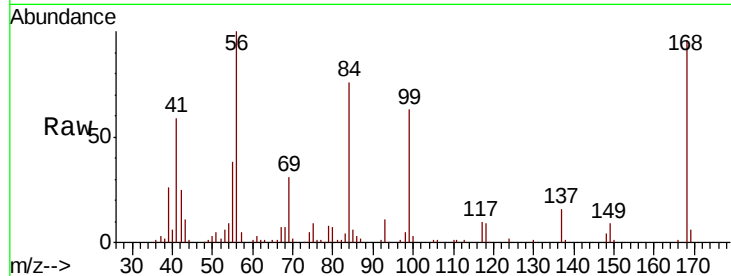
99 64.3 48.1 72.1

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#2

Dichlorodifluoromethane

Concen: 43.596 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027163.D

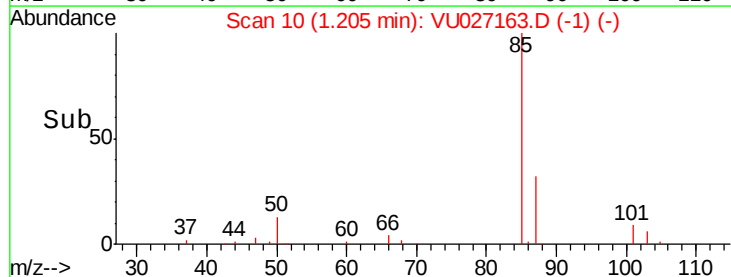
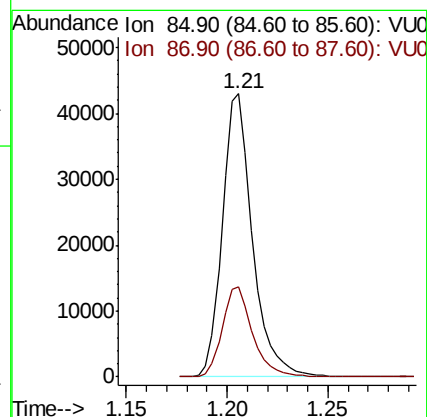
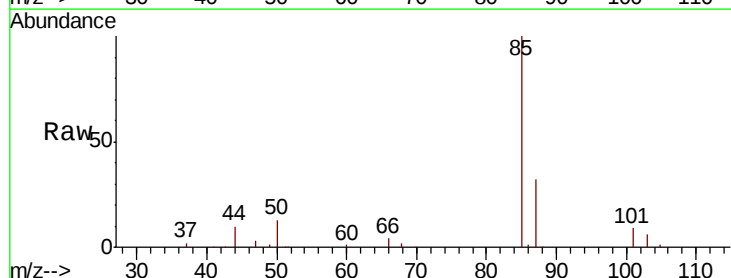
Acq: 26 Sep 2018 09:19

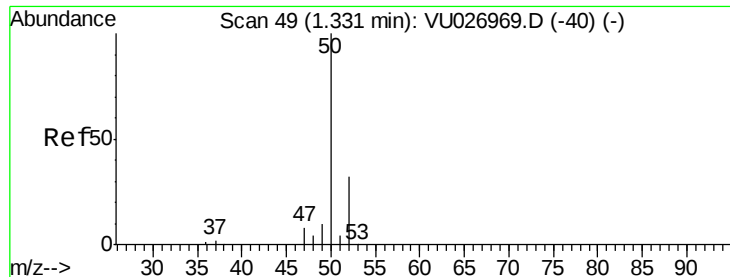
Tgt Ion: 85 Resp: 44577

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.7





#3

Chloromethane

Concen: 42.957 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 75728

Ion Ratio Lower Upper

50 100

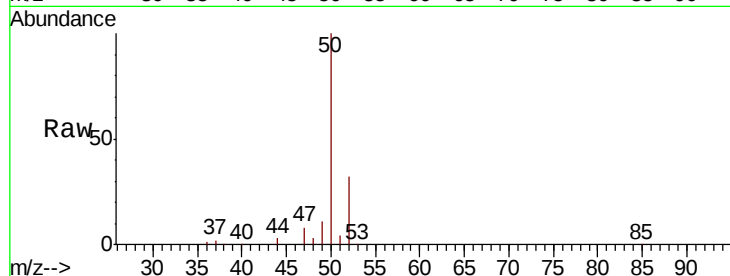
52 31.8 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU027163.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VU027163.D (-1) (-)

1.33

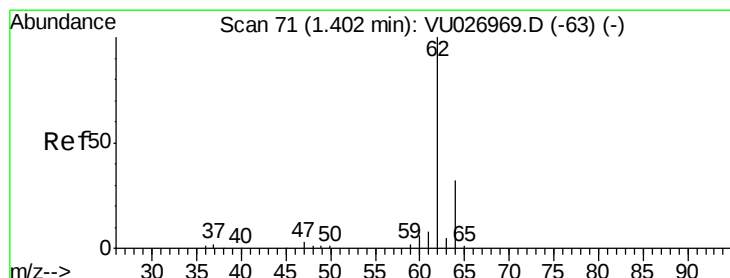
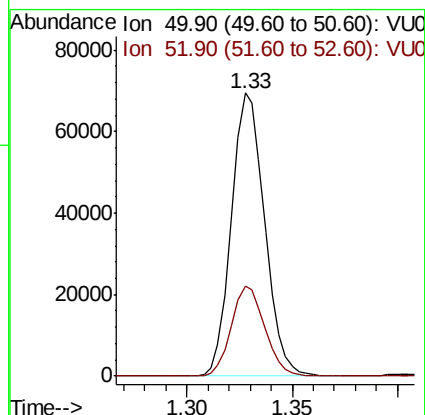
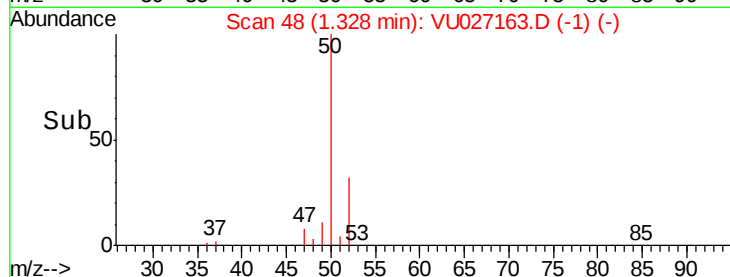
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 43.942 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027163.D

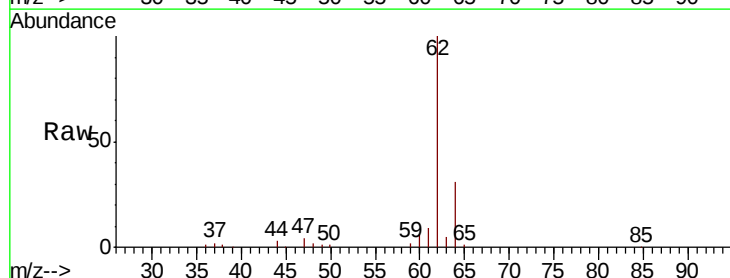
Acq: 26 Sep 2018 09:19

Tgt Ion: 62 Resp: 72310

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU027163.D (-1) (-)

Ion 63.90 (63.60 to 64.60): VU027163.D (-1) (-)

1.40

80000

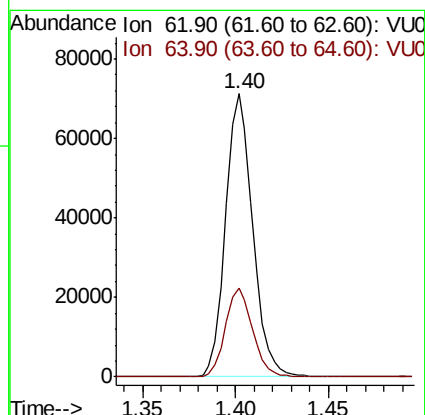
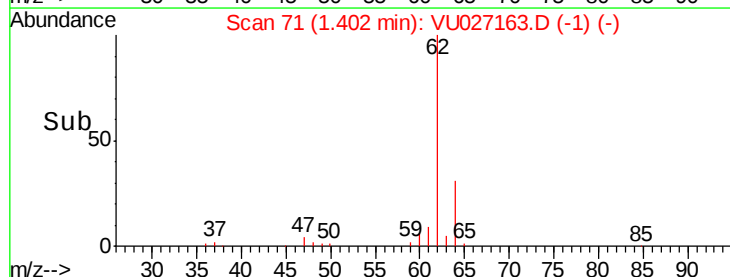
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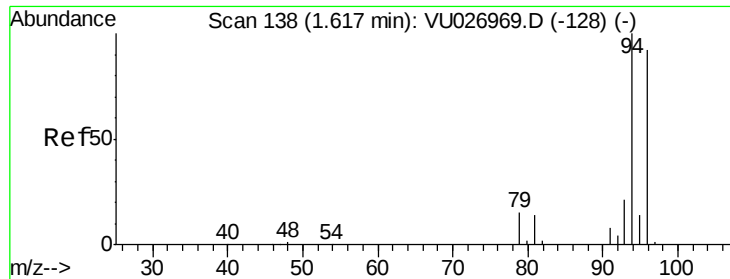
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20000

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Time-->





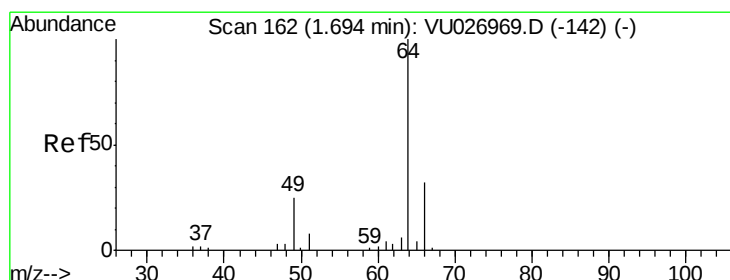
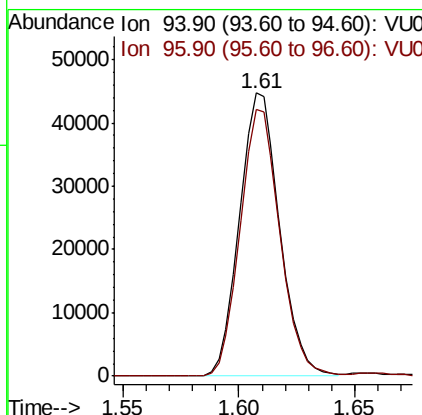
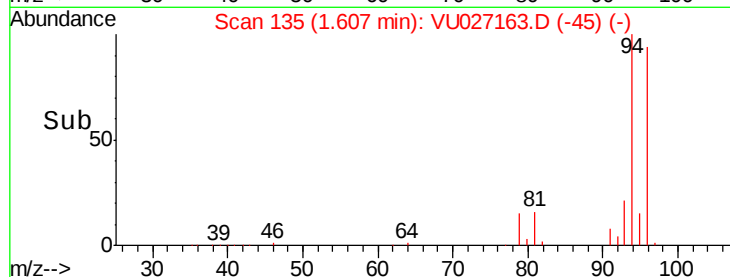
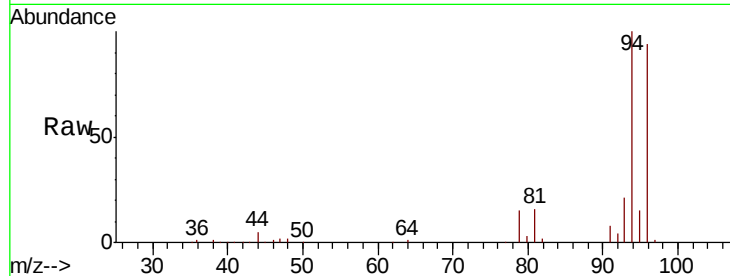
#5
Bromomethane
Concen: 57.375 ug/l
RT: 1.61 min Scan# 135
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

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Tot Ion: 94 Resp: 53766
Ion Ratio Lower Upper
94 100
96 94.2 73.2 109.8

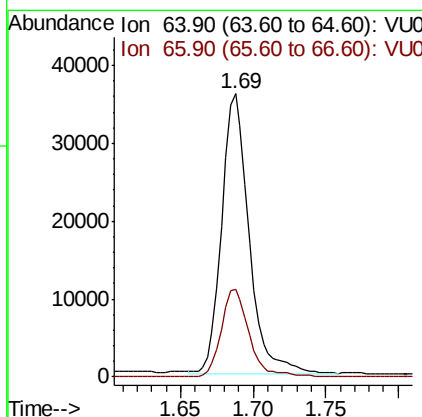
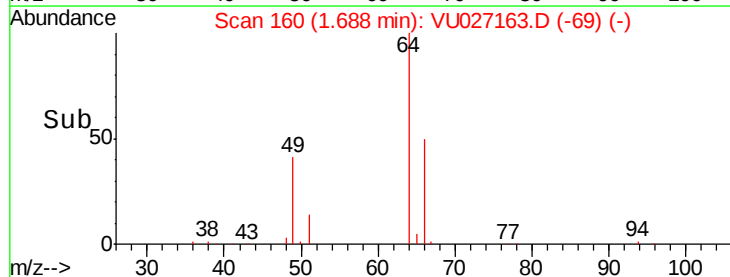
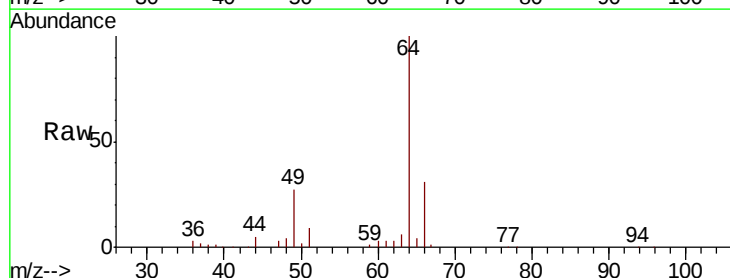
Manual Integrations
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#6
Chloroethane
Concen: 44.457 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 64 Resp: 46743
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9





#7

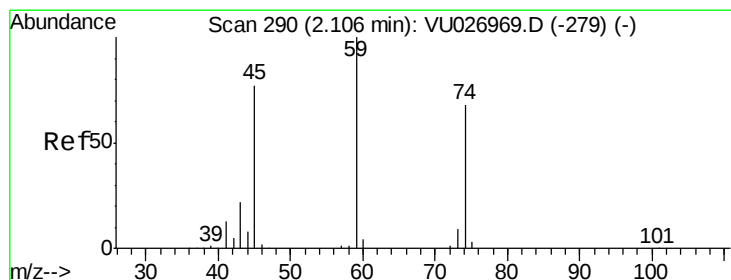
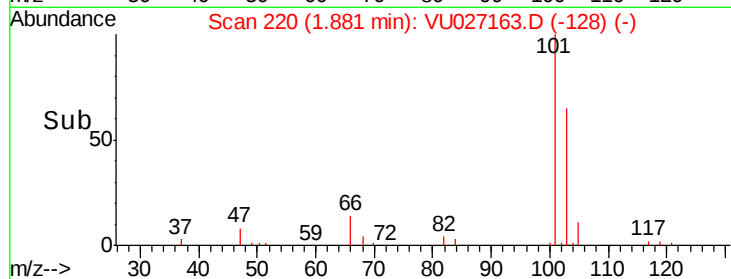
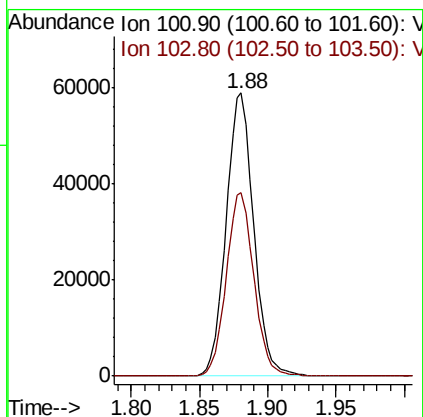
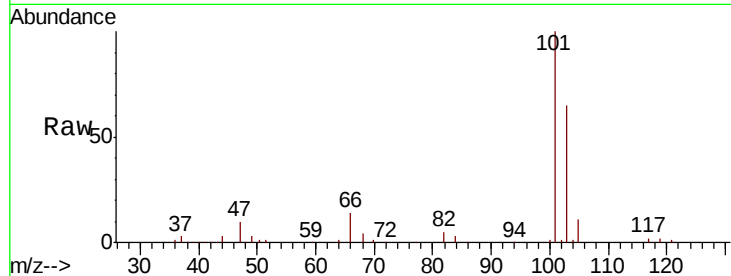
Trichlorofluoromethane
 Concen: 44.260 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 82720
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2

Manual Integrations
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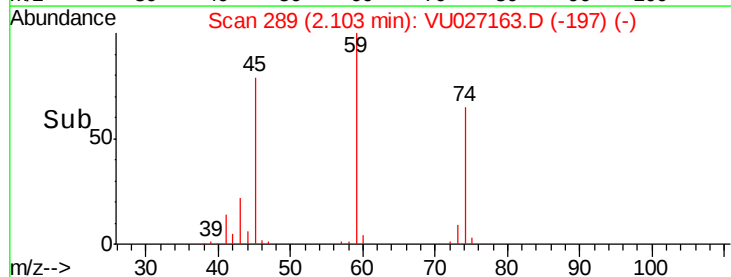
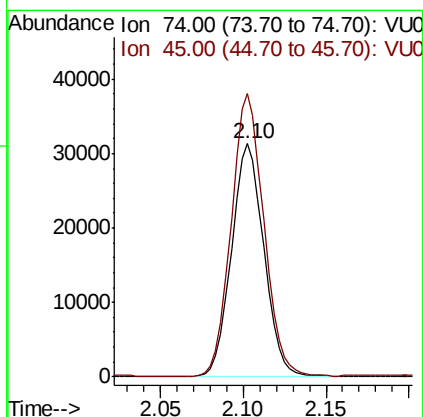
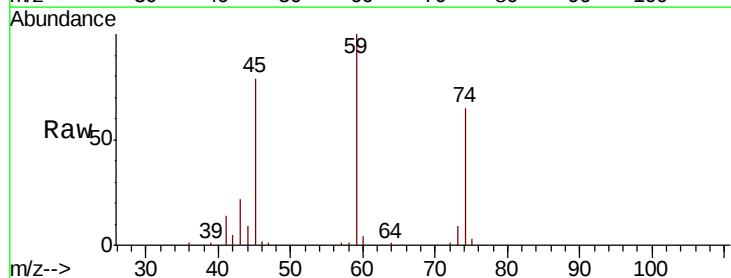
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 9/27/2018 3:33:17 PM



#8

Diethyl Ether
 Concen: 47.373 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 74 Resp: 42617
 Ion Ratio Lower Upper
 74 100
 45 122.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.654 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

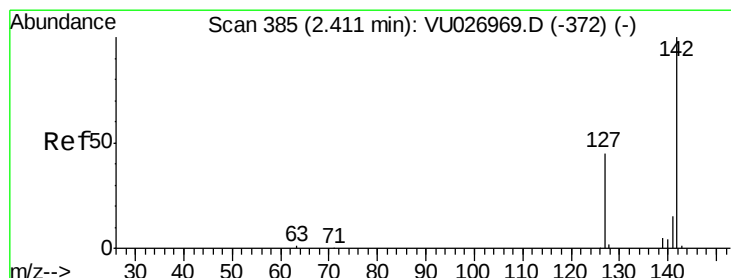
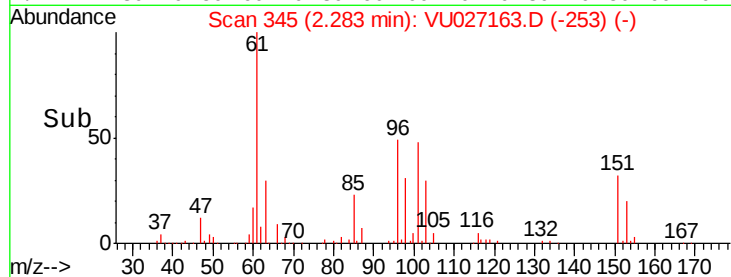
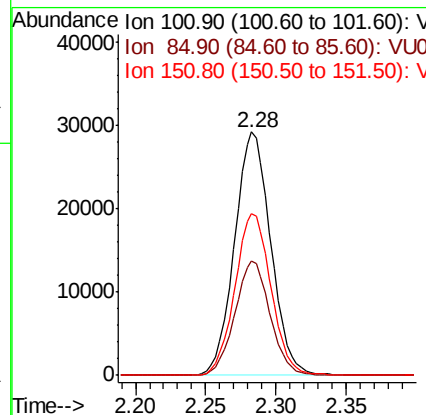
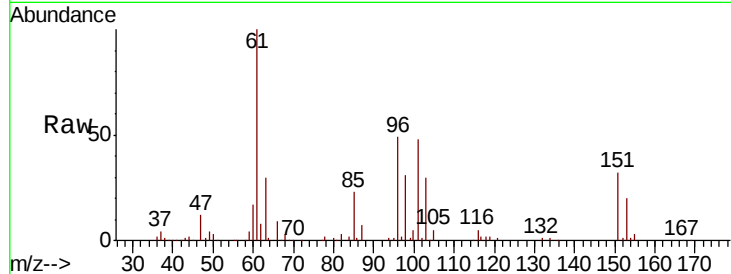
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	52464
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.2	54.2
151	66.3	54.5	81.7

Manual Integrations
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#10

Methyl Iodide

Concen: 33.991 ug/l

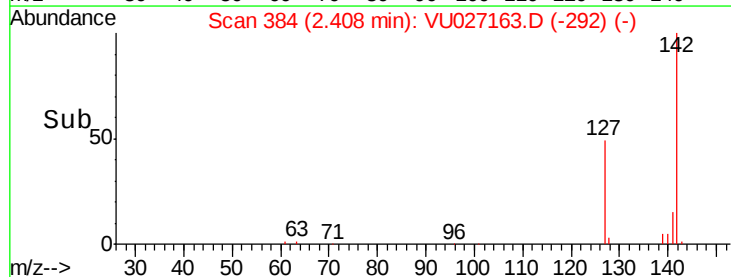
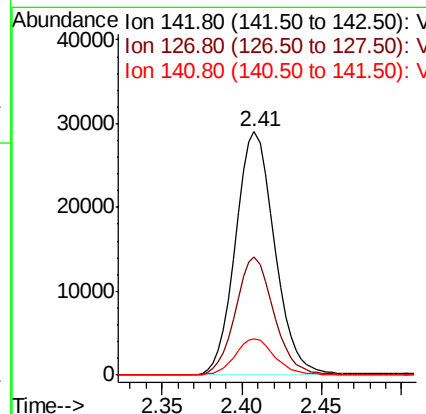
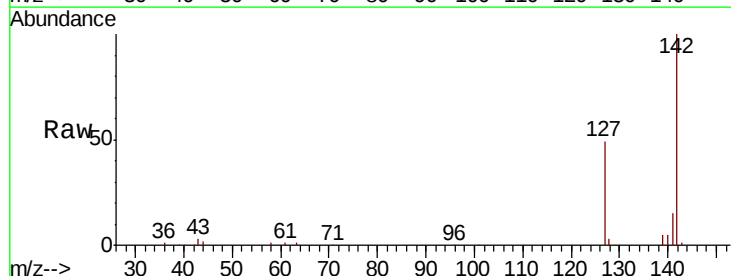
RT: 2.41 min Scan# 384

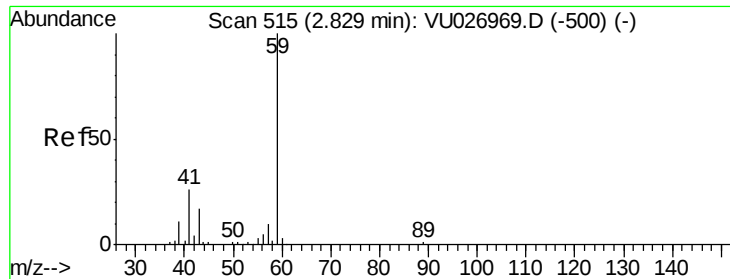
Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:	142	Resp:	48446
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.7	55.1
141	15.0	11.8	17.6





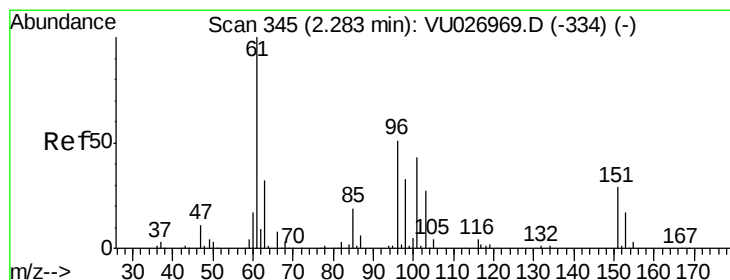
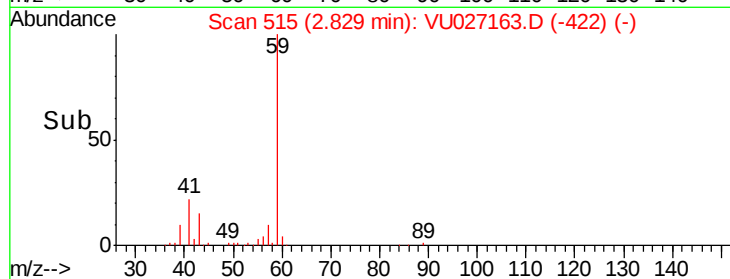
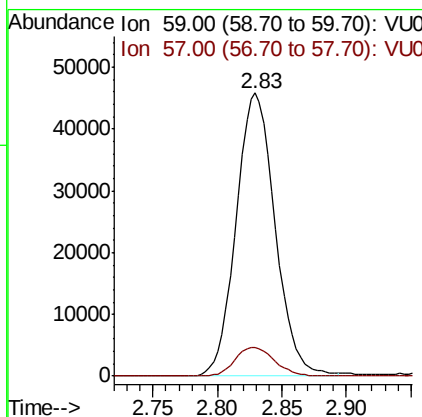
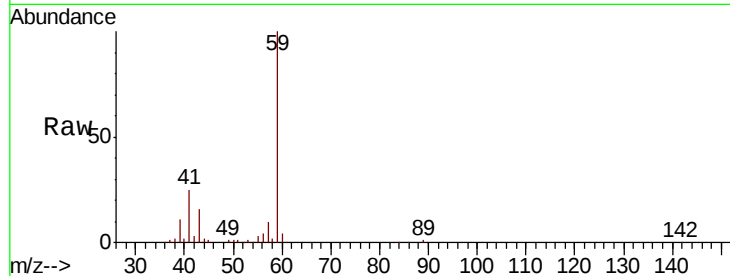
#11
Tert butyl alcohol
Concen: 267.017 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	96467
Ion Ratio	100	Lower	Upper
57	10.3	8.5	12.7

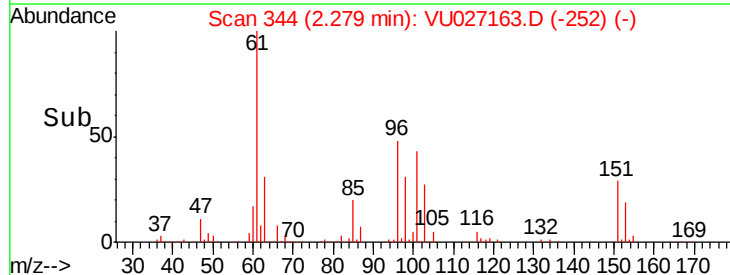
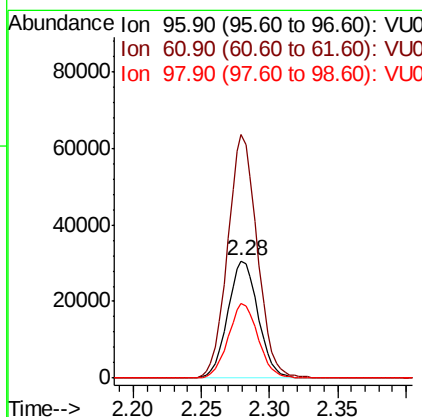
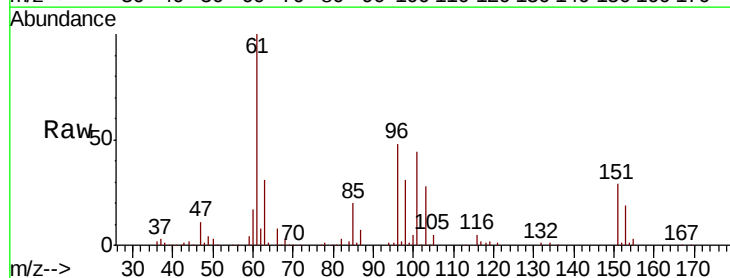
Manual Integrations
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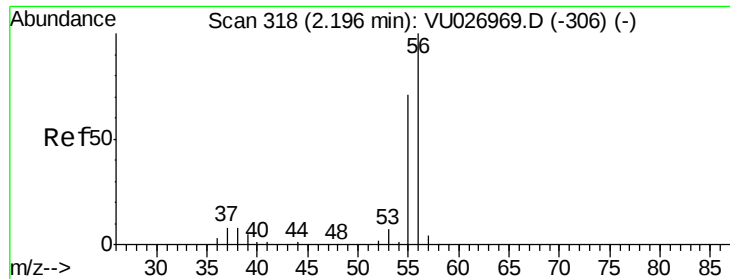
MMDadoda
9/27/2018 3:33:17 PM



#12
1,1-Dichloroethene
Concen: 43.838 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	96	Resp	47417
Ion Ratio	100	Lower	Upper
61	207.9	156.1	234.1
98	63.9	51.4	77.0





#13

Acrolein

Concen: 388.423 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 75646

Ion Ratio Lower Upper

56 100

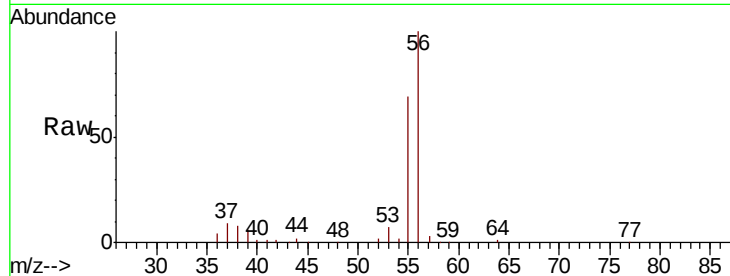
55 69.7 57.1 85.7

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VU027163.D (-225) (-)

Ion 55.00 (54.70 to 55.70): VU027163.D (-225) (-)

2.19

60000

50000

40000

30000

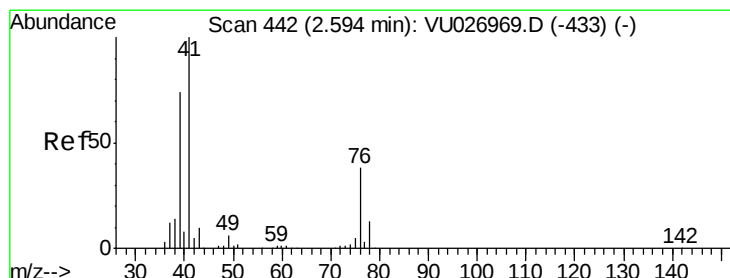
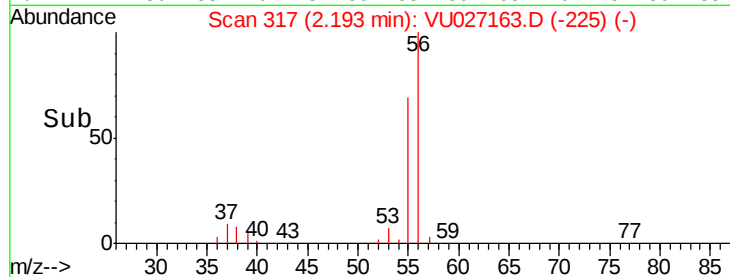
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 54.871 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.01 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

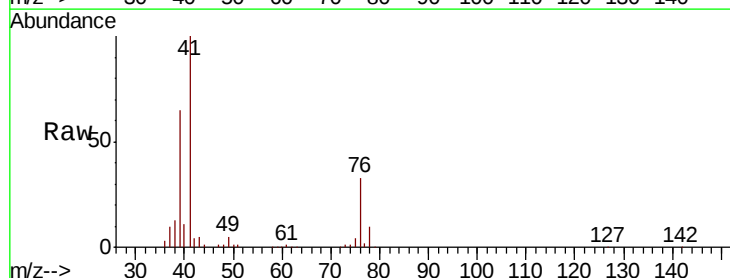
Tgt Ion: 41 Resp: 120377

Ion Ratio Lower Upper

41 100

39 67.0 55.7 83.5

76 32.6 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VU027163.D (-349) (-)

Ion 39.00 (38.70 to 39.70): VU027163.D (-349) (-)

Ion 75.90 (75.60 to 76.60): VU027163.D (-349) (-)

2.59

80000

60000

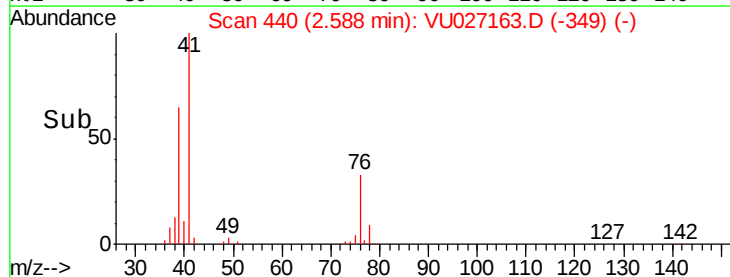
40000

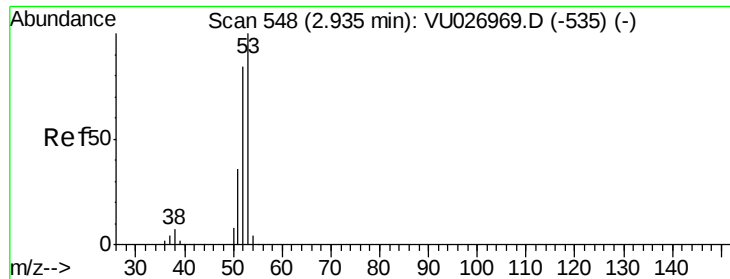
20000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 269.411 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

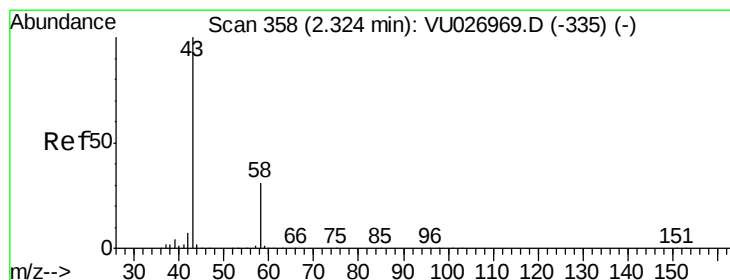
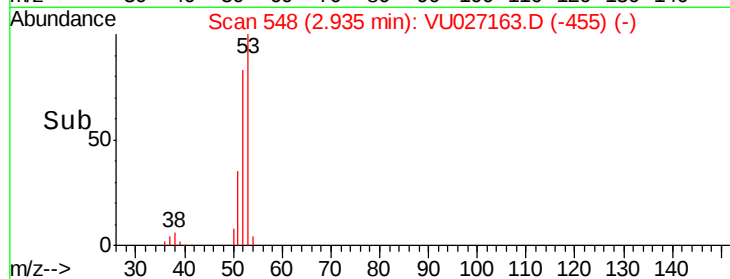
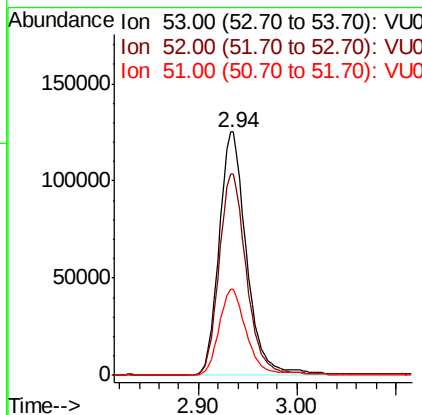
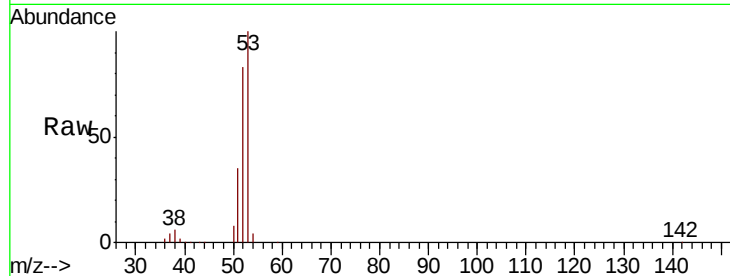
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	245313
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.7	98.5
51	36.0	27.4	41.2

Manual Integrations
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#16

Acetone

Concen: 315.554 ug/l

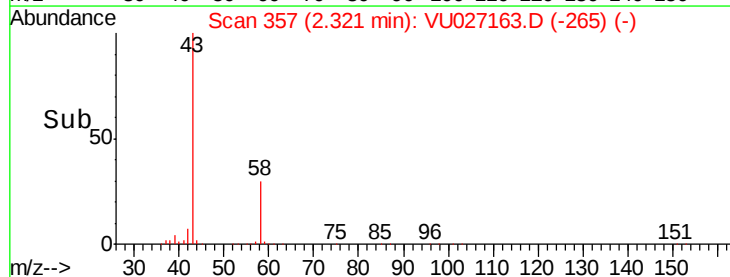
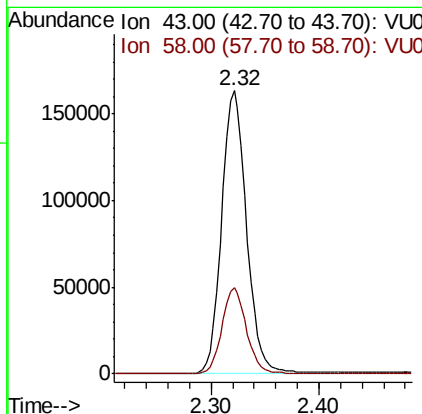
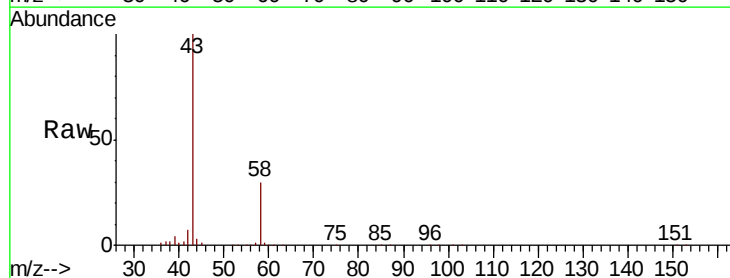
RT: 2.32 min Scan# 357

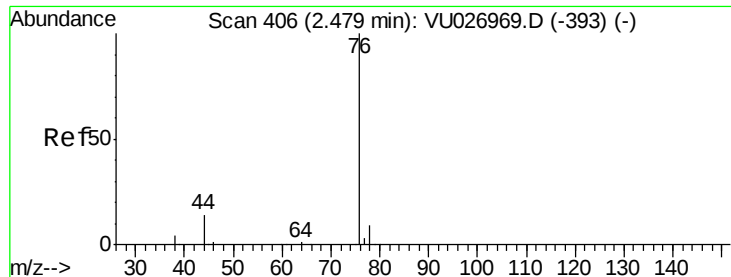
Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:	43	Resp:	260559
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	36.8





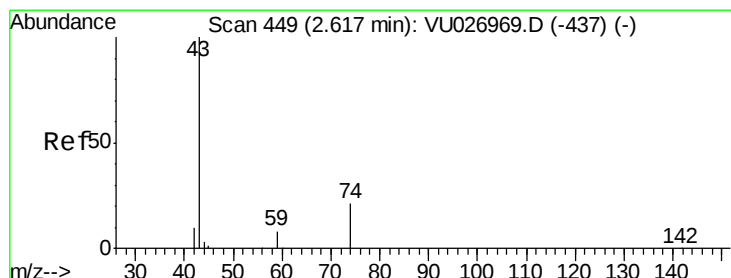
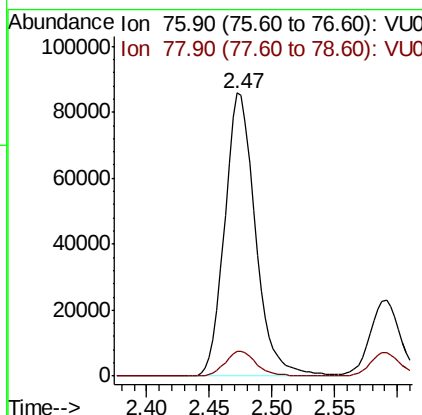
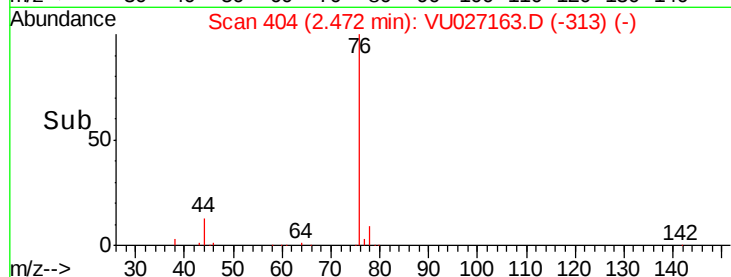
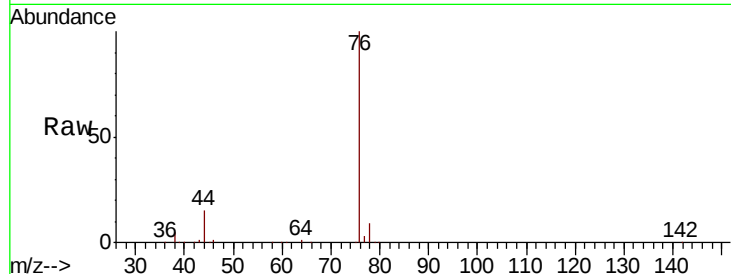
#17
Carbon Disulfide
Concen: 41.485 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

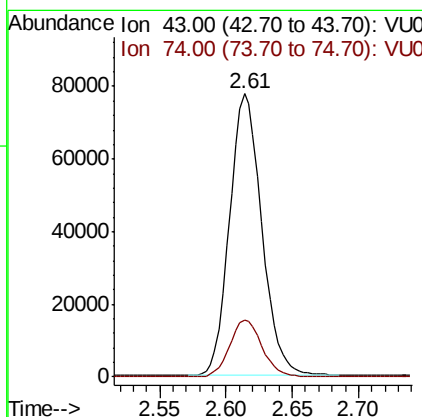
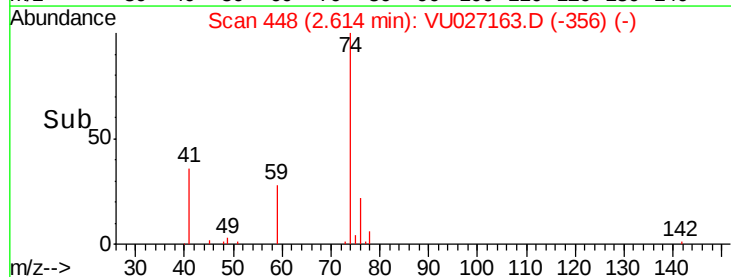
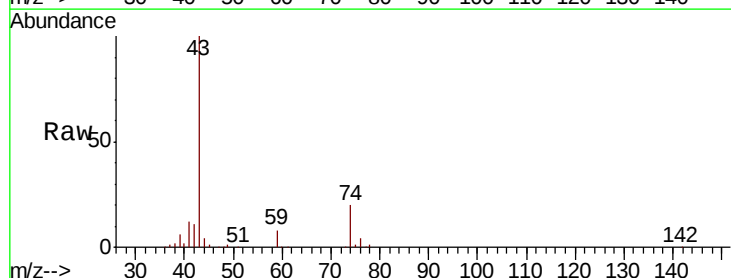
Manual Integrations
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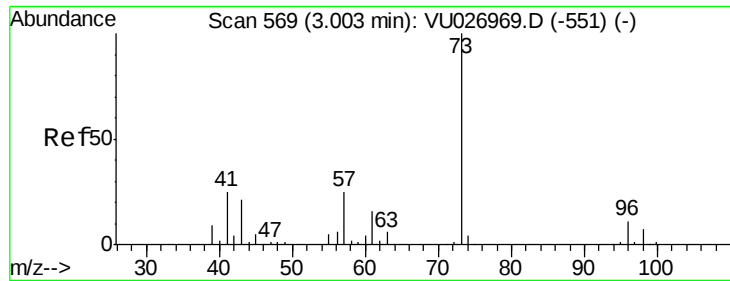
MMDadoda
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#18
Methyl Acetate
Concen: 58.324 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.6	25.0





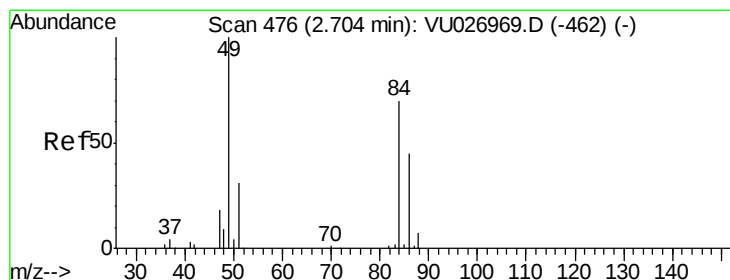
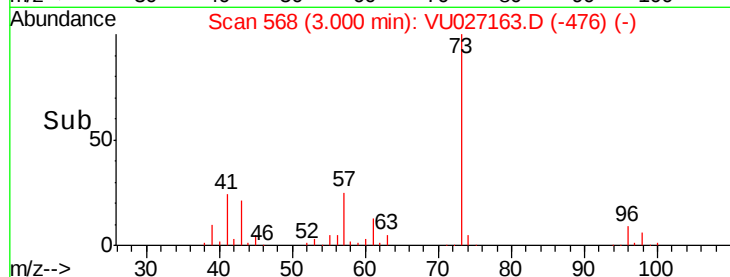
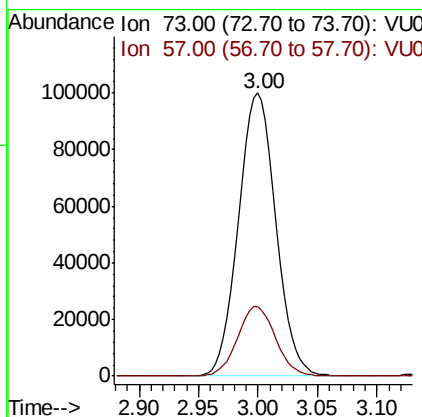
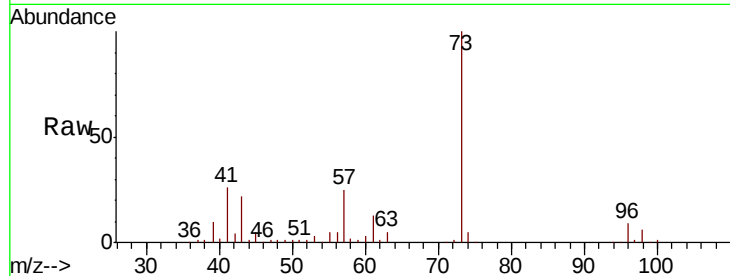
#19
Methvl tert-butvl Ether
Concen: 54.828 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.8	29.6

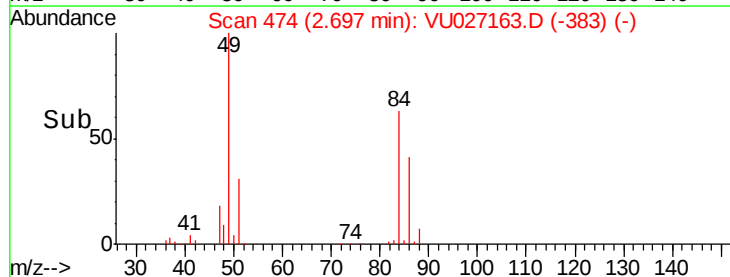
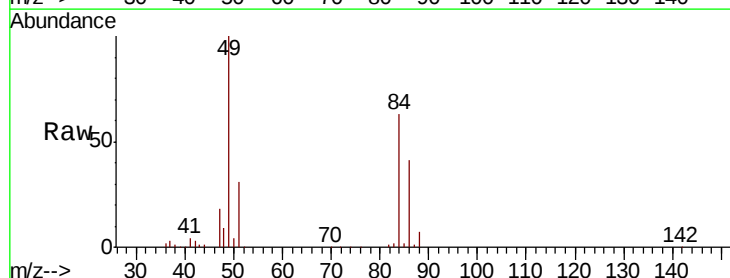
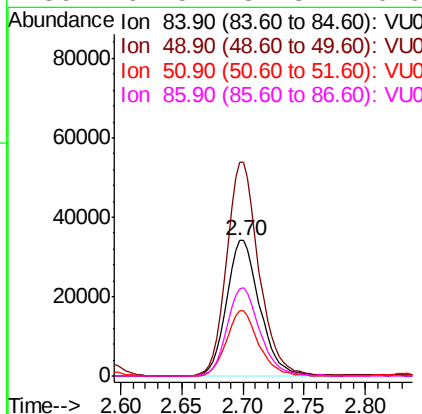
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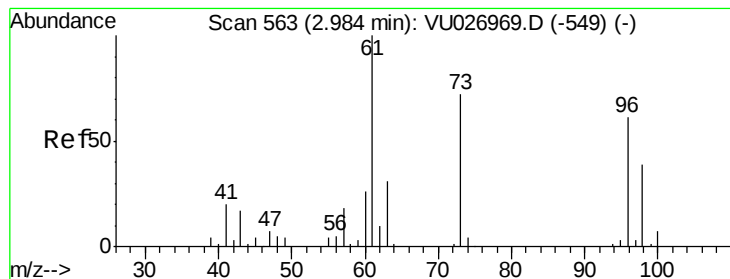
MMDadoda
9/27/2018 3:33:17 PM



#20
Methylene Chloride
Concen: 46.076 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.01 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	157.7	114.9	172.3
51	48.3	35.8	53.8
86	64.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.093 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 54384

Ion Ratio Lower Upper

96 100

61 160.8 131.8 197.6

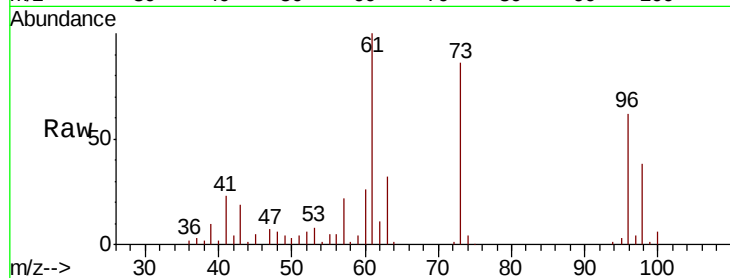
98 61.5 50.9 76.3

Manual Integrations

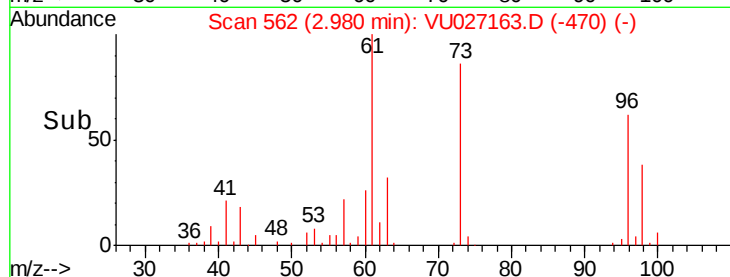
APPROVED

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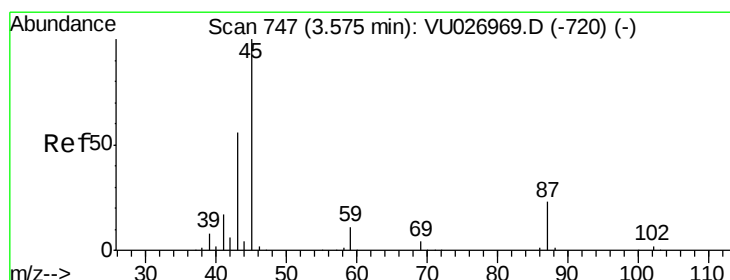
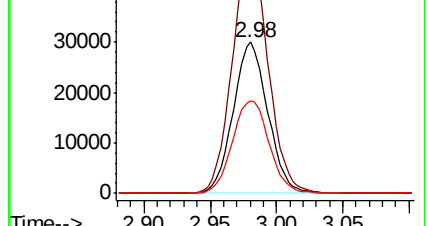


Abundance Ion 95.90 (95.60 to 96.60): VU027163.D (-470) (-)



Ion 60.90 (60.60 to 61.60): VU027163.D (-470) (-)

Ion 97.90 (97.60 to 98.60): VU027163.D (-470) (-)



#22

Diisopropyl ether

Concen: 57.485 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion: 45 Resp: 269742

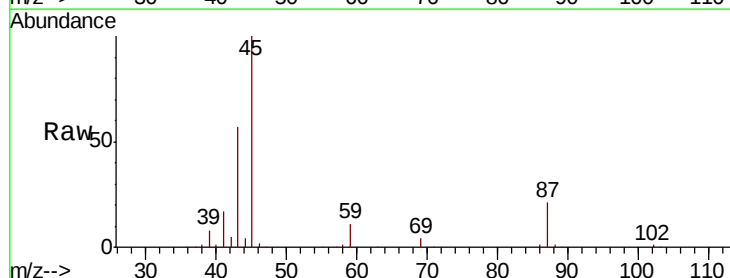
Ion Ratio Lower Upper

45 100

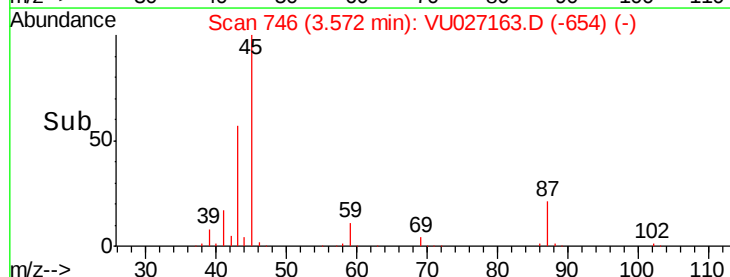
43 55.5 45.8 68.6

87 21.2 18.6 28.0

59 10.7 9.0 13.4



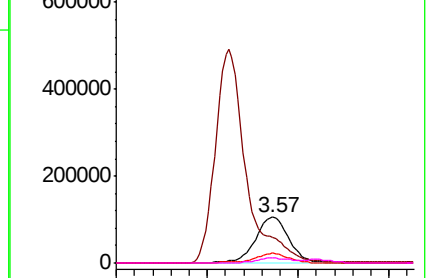
Abundance Ion 45.00 (44.70 to 45.70): VU027163.D (-654) (-)

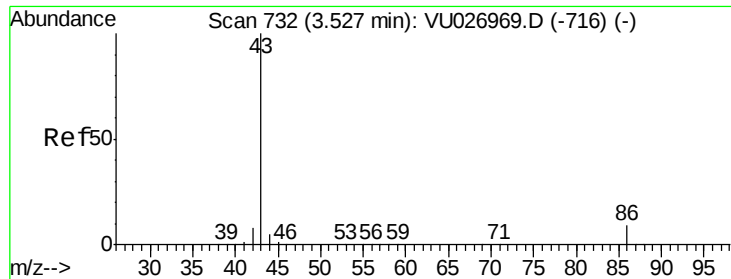


Ion 43.00 (42.70 to 43.70): VU027163.D (-654) (-)

Ion 87.00 (86.70 to 87.70): VU027163.D (-654) (-)

Ion 59.00 (58.70 to 59.70): VU027163.D (-654) (-)





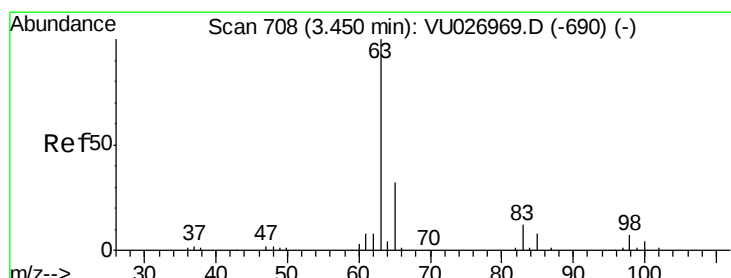
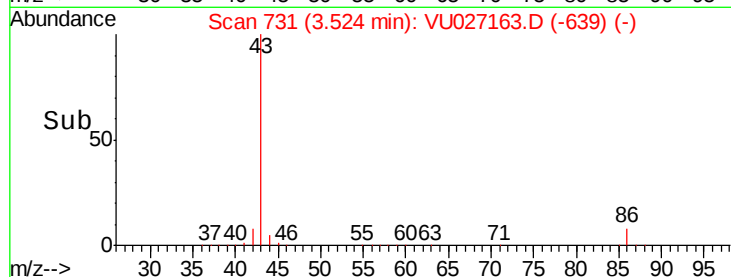
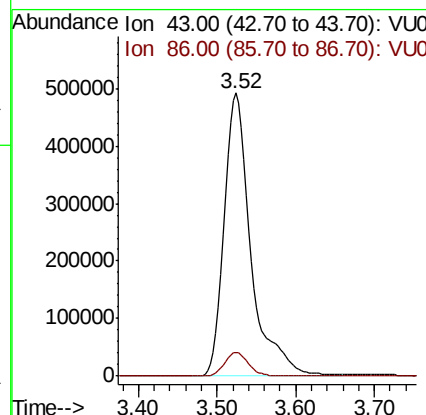
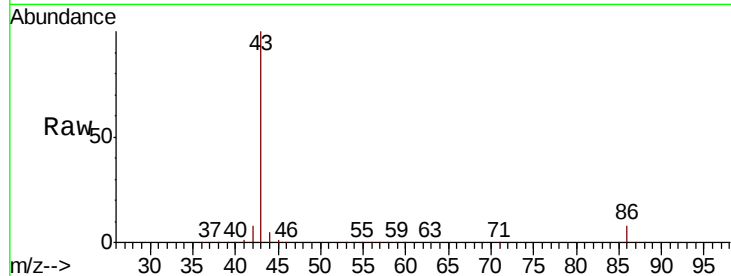
#23
 Vinyl Acetate
 Concen: 290.518 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 1162036
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.2 10.8

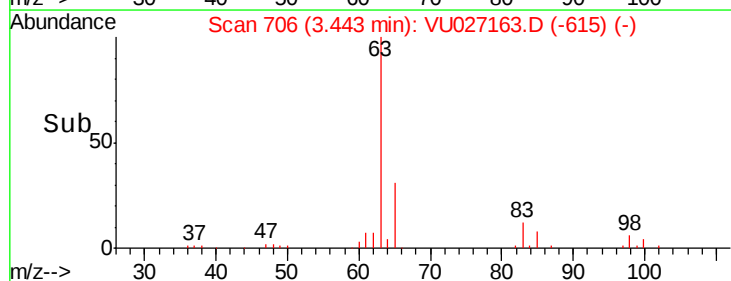
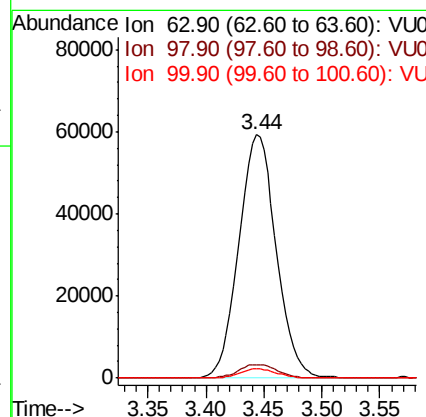
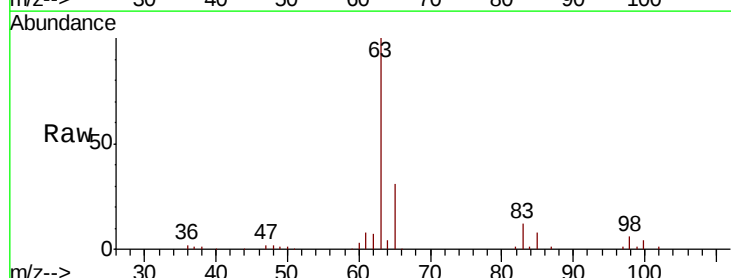
Manual Integrations
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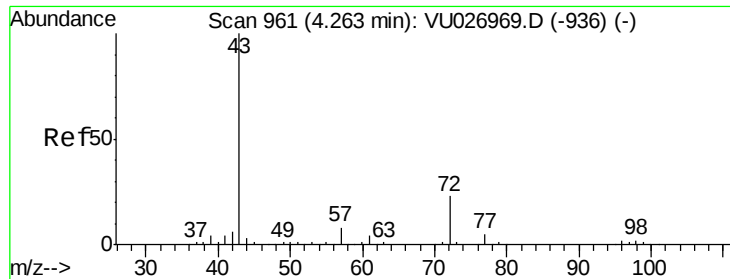
MMDadoda
 9/27/2018 3:33:17 PM



#24
 1,1-Dichloroethane
 Concen: 51.293 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 63 Resp: 132559
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.8
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 278.529 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 368944

Ion Ratio Lower Upper

43 100

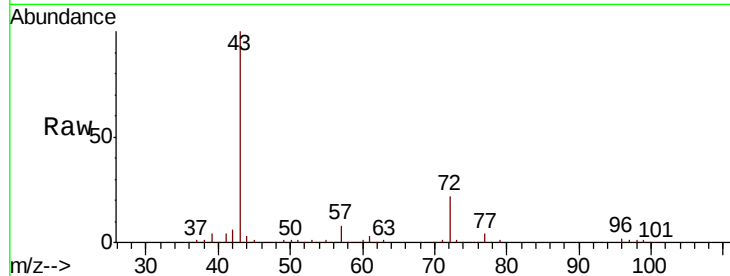
72 21.9 18.4 27.6

Manual Integrations

APPROVED

MMDadoda

9/27/2018 3:33:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

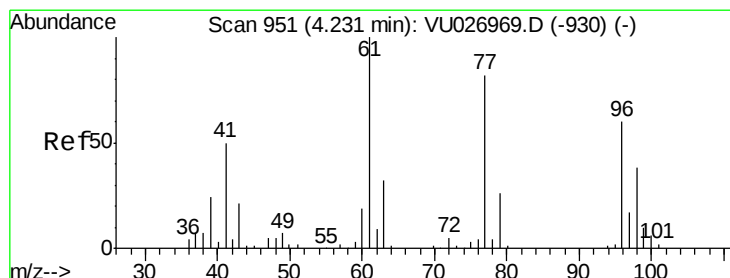
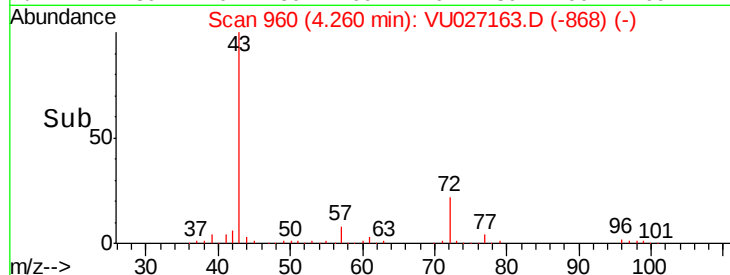
100000

50000

0

4.15 4.20 4.25 4.30 4.35

Time-->



#26

2,2-Dichloropropane

Concen: 51.992 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU027163.D

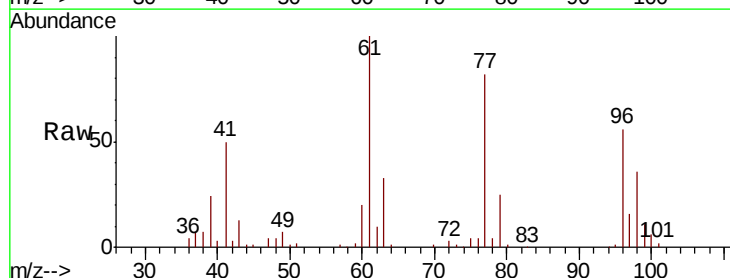
Acq: 26 Sep 2018 09:19

Tgt Ion: 77 Resp: 104790

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

40000

30000

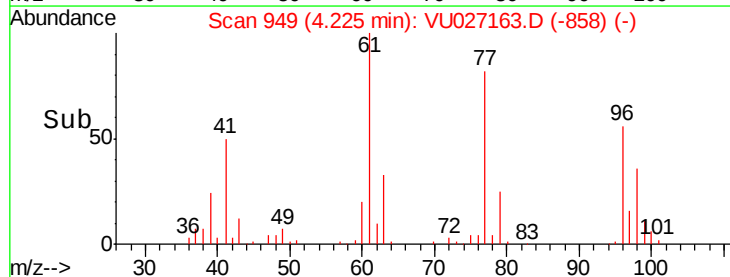
20000

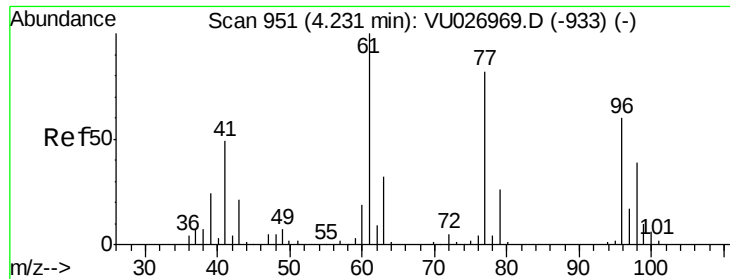
10000

0

4.10 4.20 4.30

Time-->





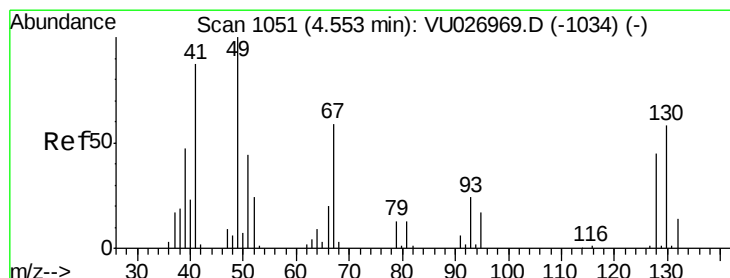
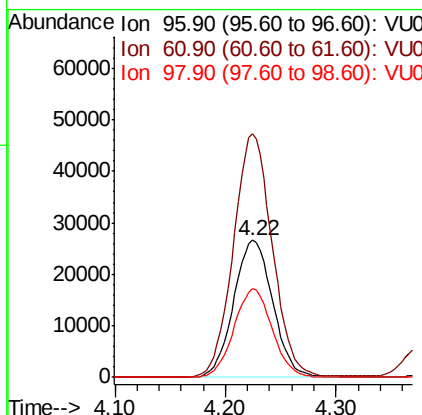
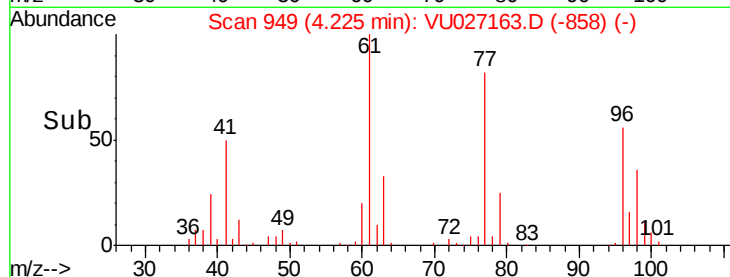
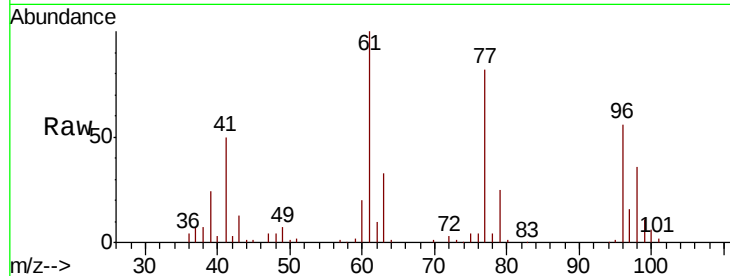
#27
 cis-1,2-Dichloroethene
 Concen: 50.143 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	176.7	0.0	337.2
98	63.2	0.0	127.6

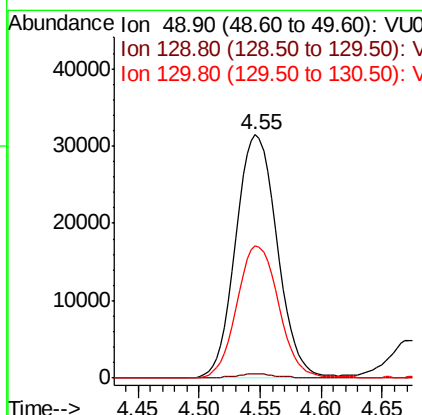
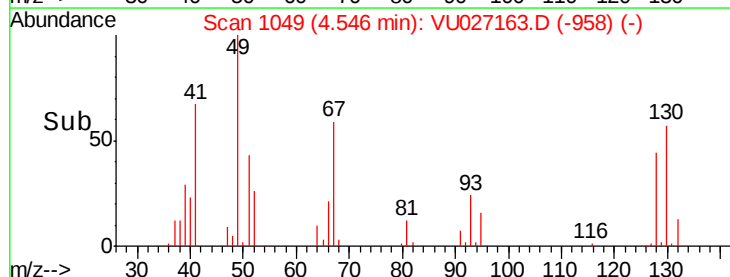
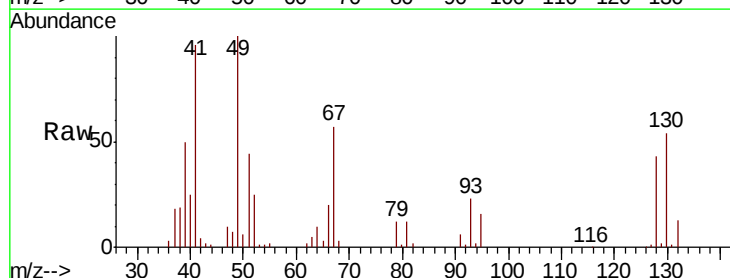
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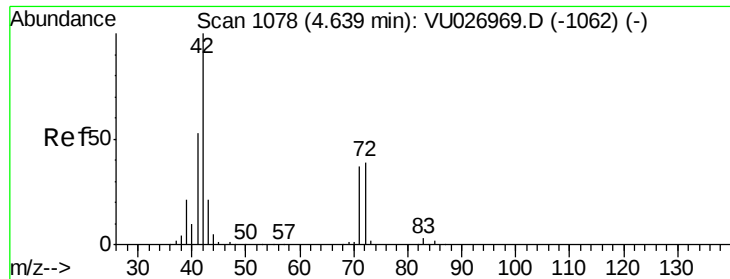
MMDadoda
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#28
 Bromochloromethane
 Concen: 59.611 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	54.8	47.8	71.8





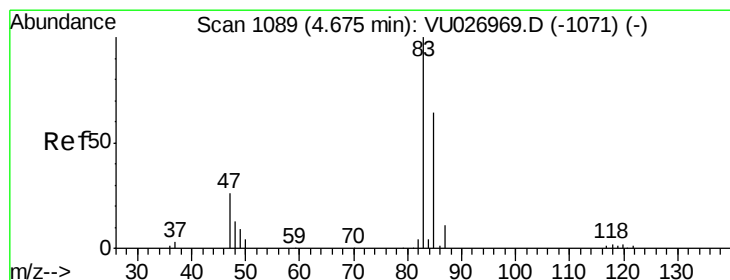
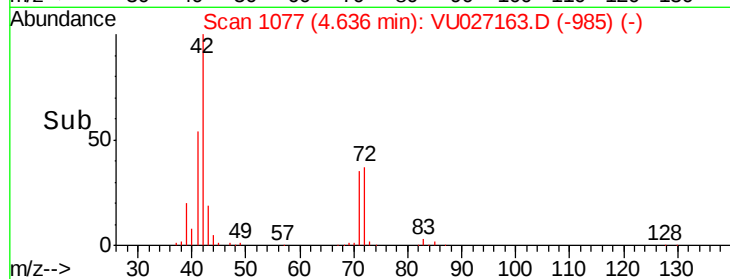
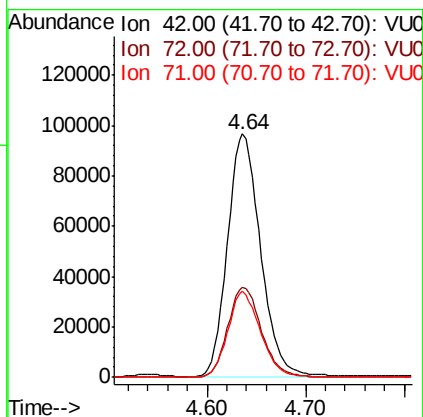
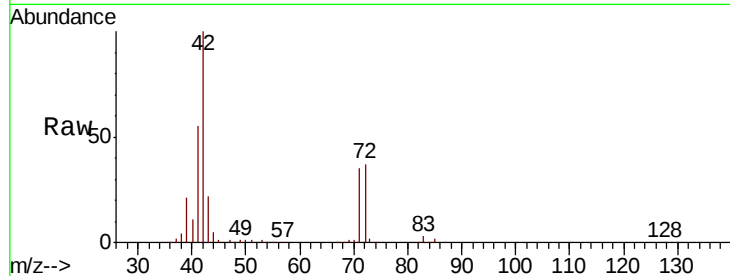
#29
Tetrahydrofuran
Concen: 281.840 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.7	47.5
71	34.9	29.6	44.4

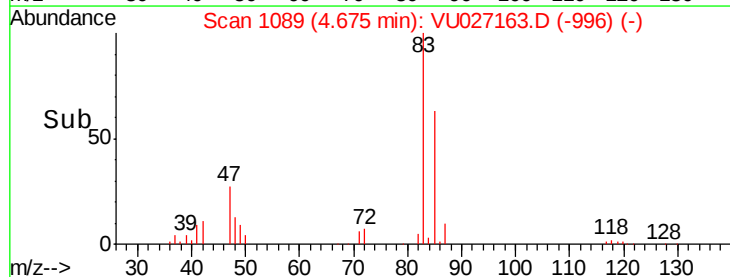
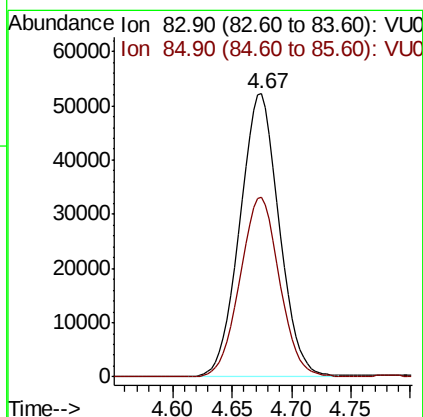
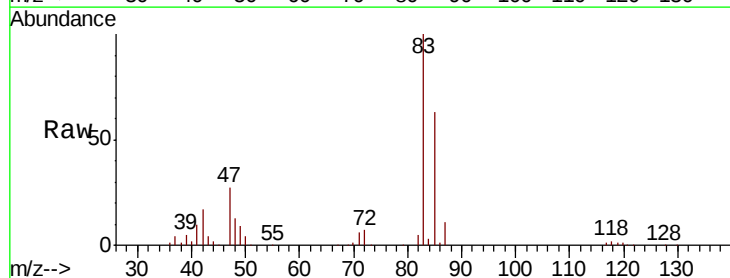
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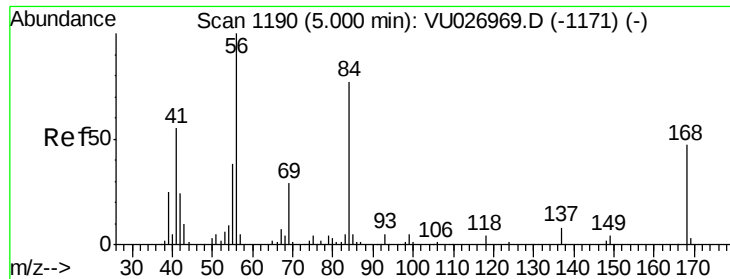
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#30
Chloroform
Concen: 49.906 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.5	77.3





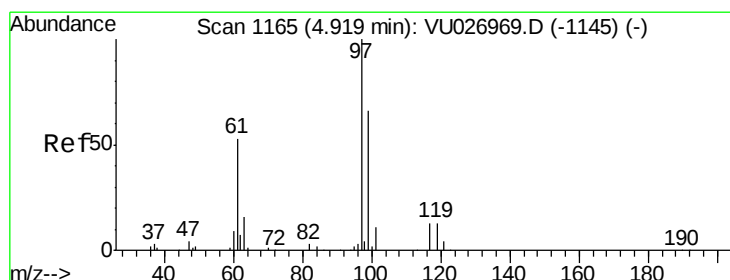
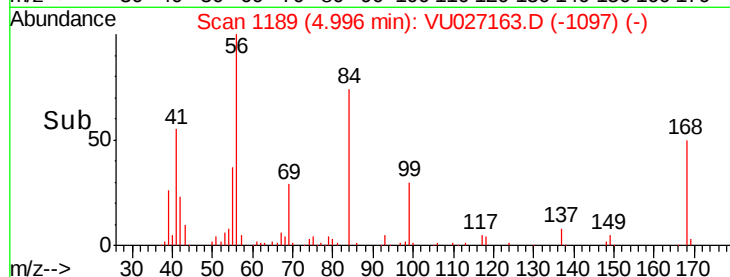
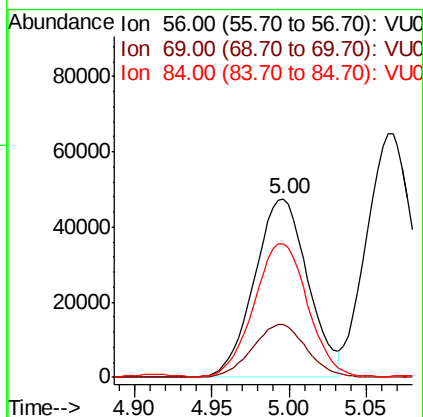
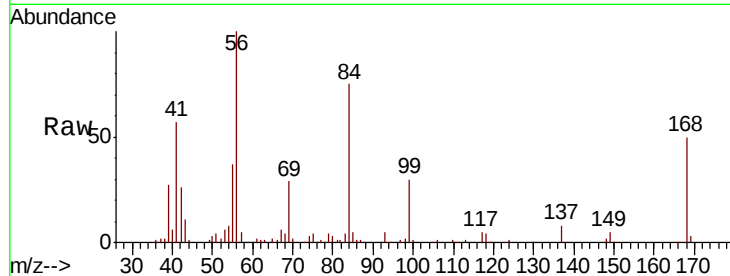
#31
Cyclohexane
Concen: 48.714 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.0	34.4
84	74.4	61.4	92.2

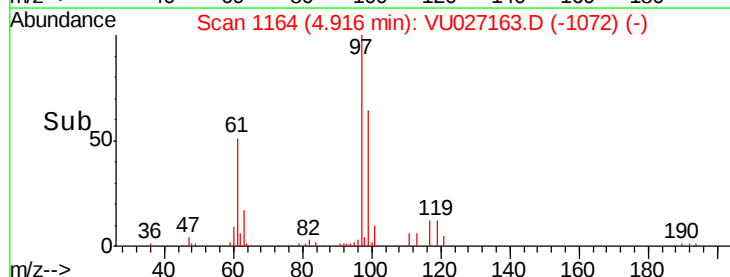
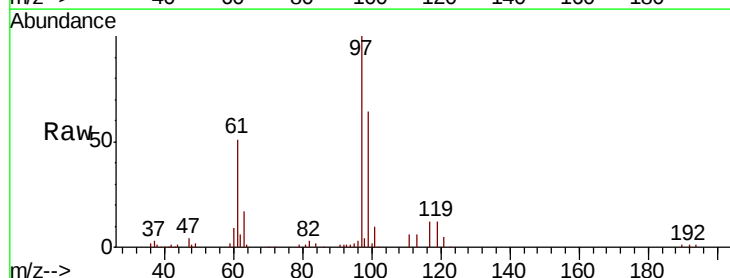
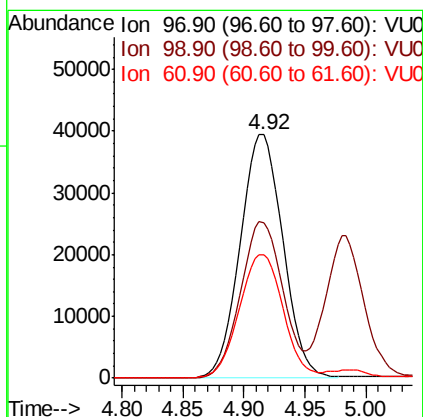
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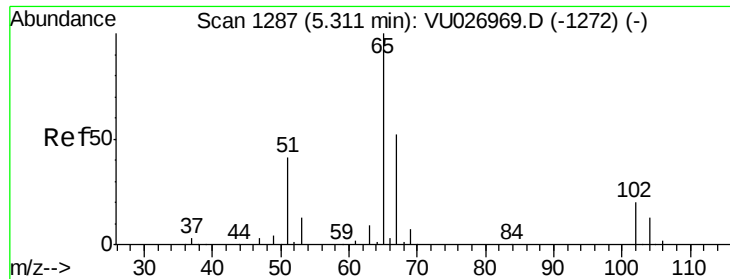
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#32
1,1,1-Trichloroethane
Concen: 50.030 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	51.8	41.1	61.7





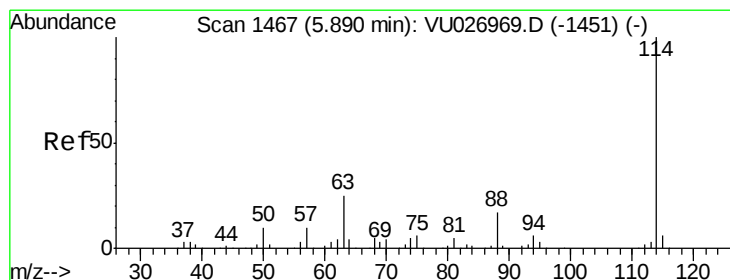
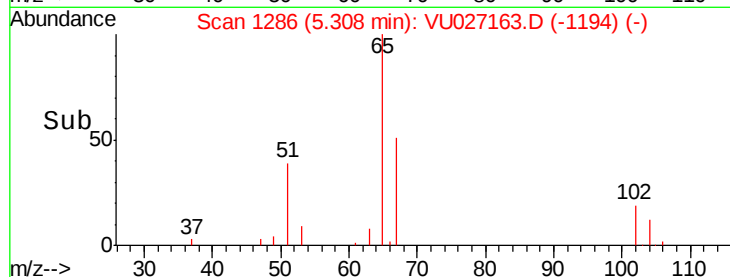
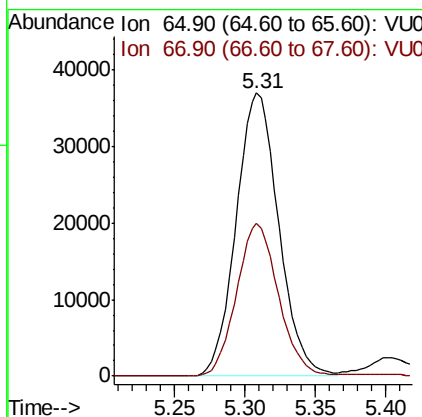
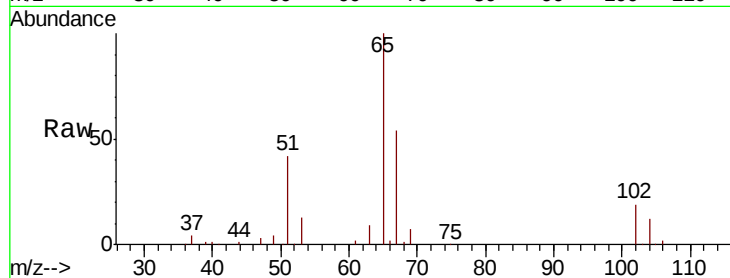
#33
 1,2-Dichloroethane-d4
 Concen: 49.593 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.6

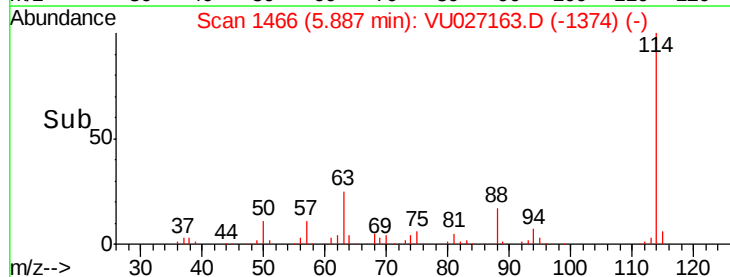
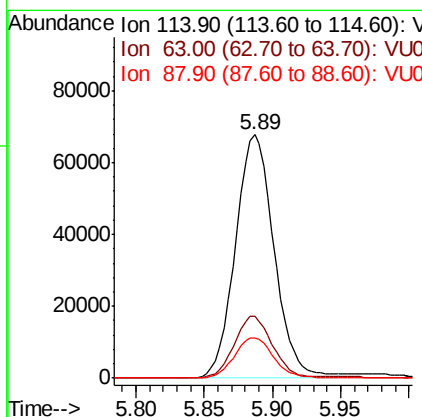
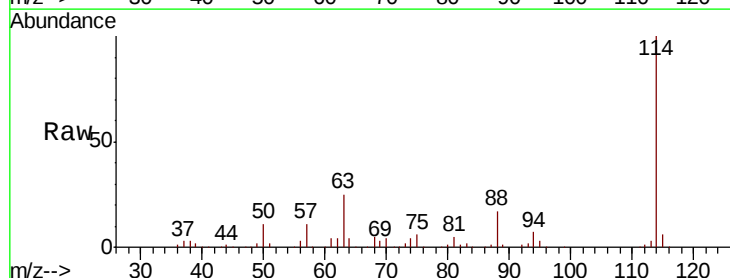
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	16.5	0.0	33.8





#35

Dibromofluoromethane

Concen: 47.314 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

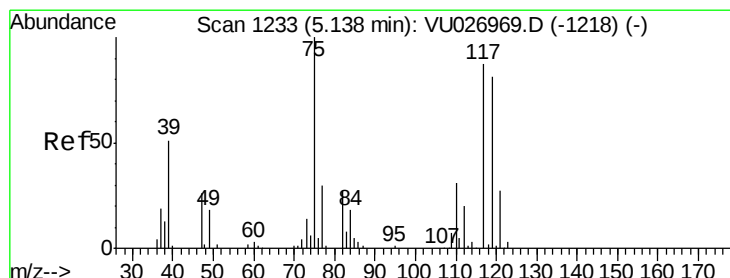
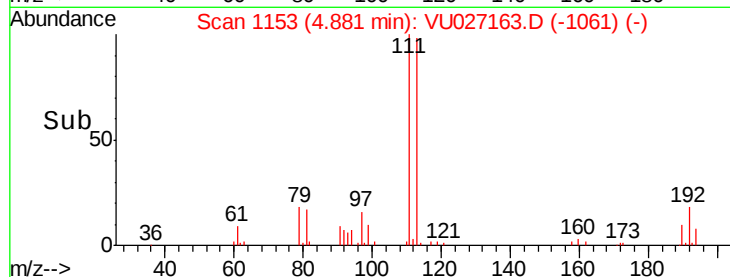
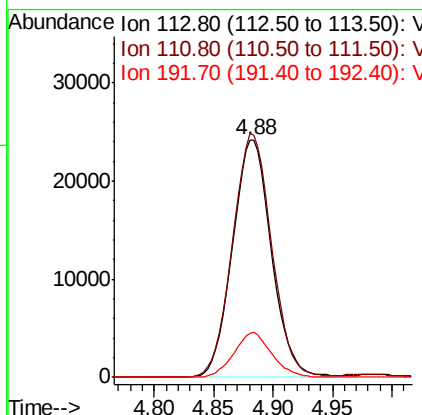
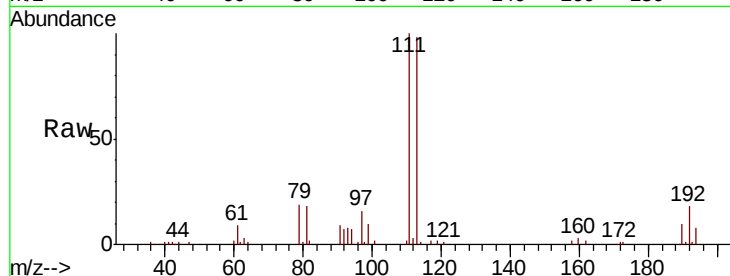
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	54773
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	18.4	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 47.522 ug/l

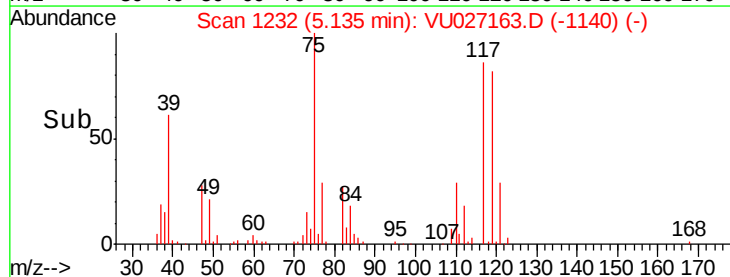
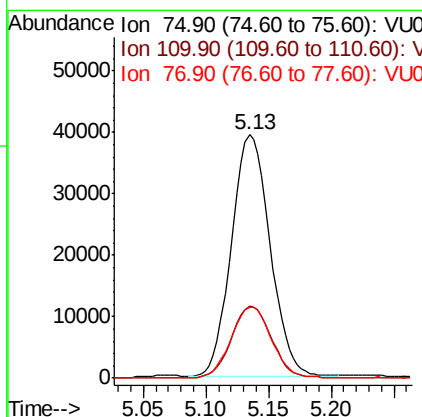
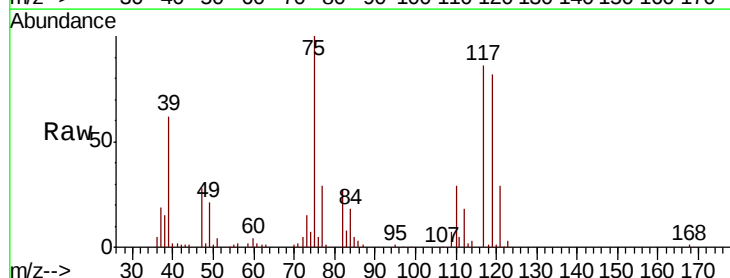
RT: 5.13 min Scan# 1232

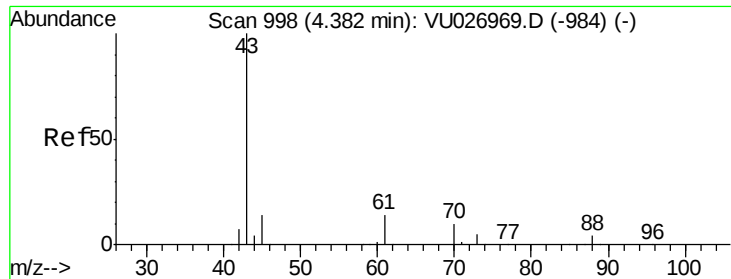
Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:	75	Resp:	84705
Ion	Ratio	Lower	Upper
75	100		
110	30.9	16.1	48.2
77	30.8	24.6	36.8





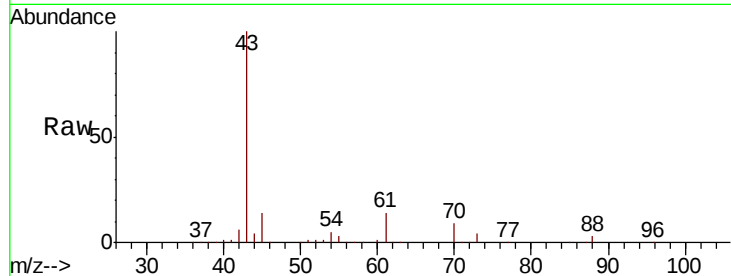
#37
Ethyl Acetate
Concen: 53.677 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

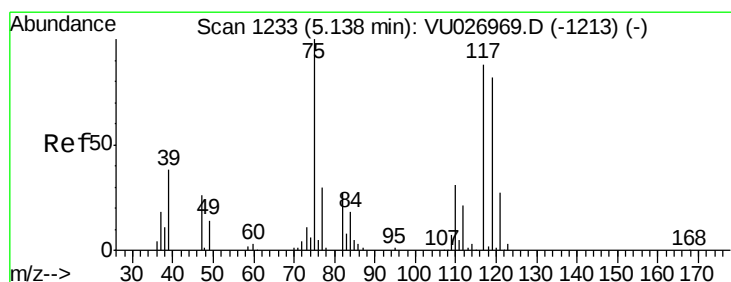
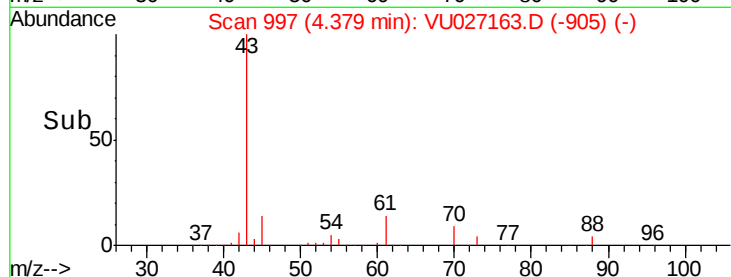
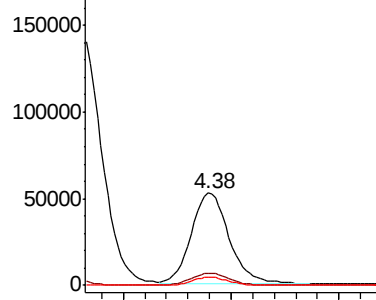
Tot Ion:	43	Resp:	129521
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	8.5	7.4	11.0

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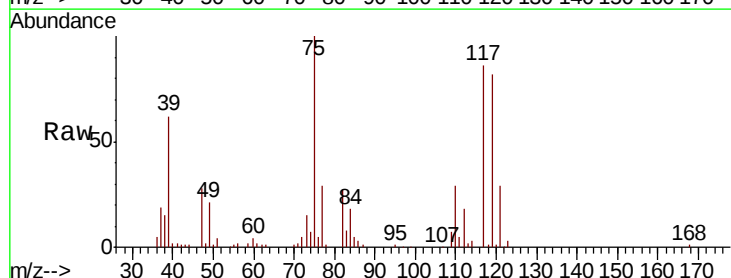


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

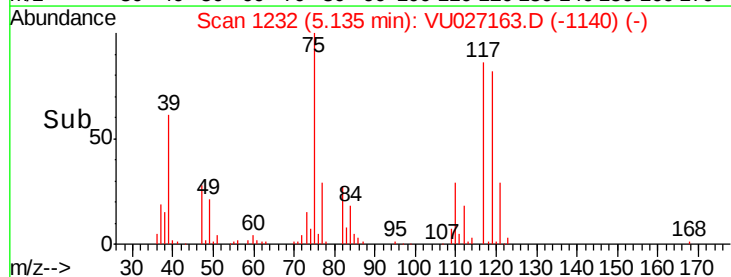
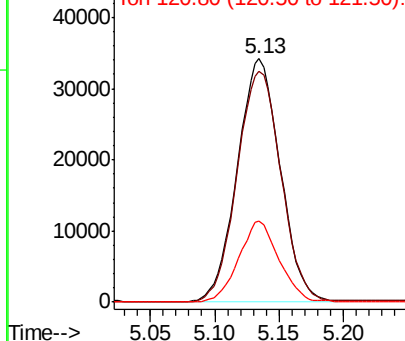


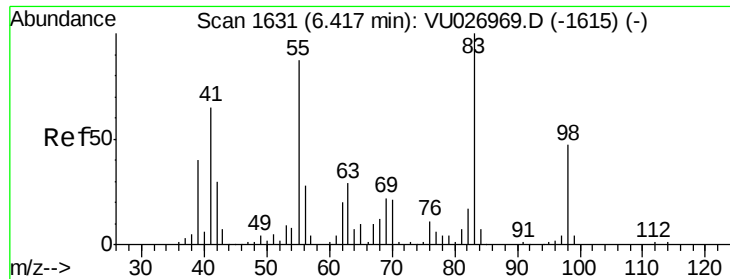
#38
Carbon Tetrachloride
Concen: 46.741 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:	117	Resp:	79283
Ion	Ratio	Lower	Upper
117	100		
119	94.6	74.4	111.6
121	33.4	24.2	36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





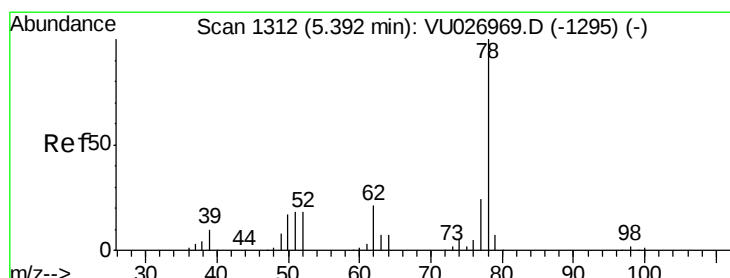
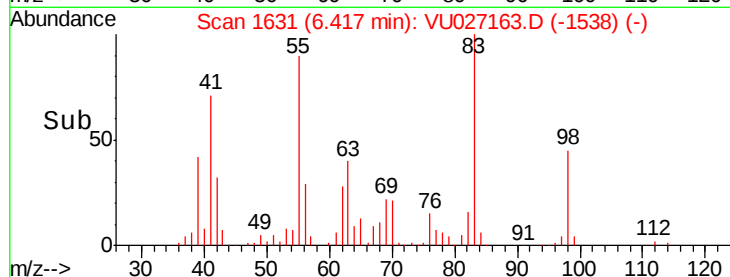
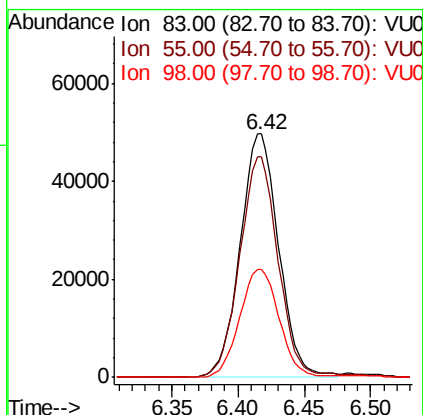
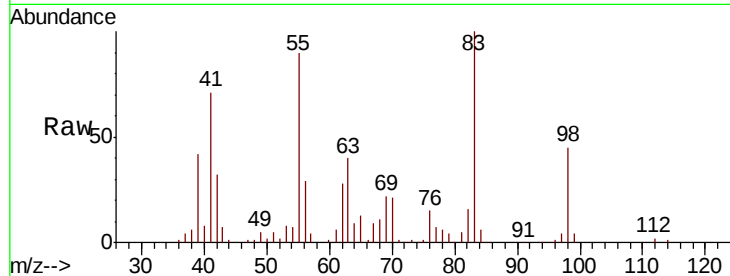
#39
Methylvlcvclohexane
Concen: 51.789 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.4	69.9	104.9
98	44.5	37.5	56.3

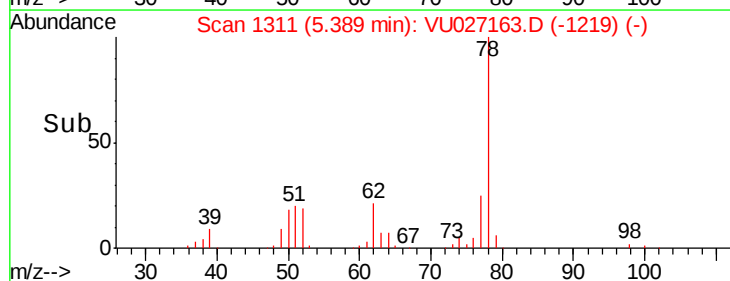
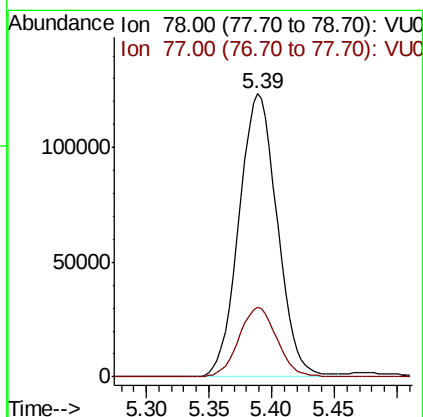
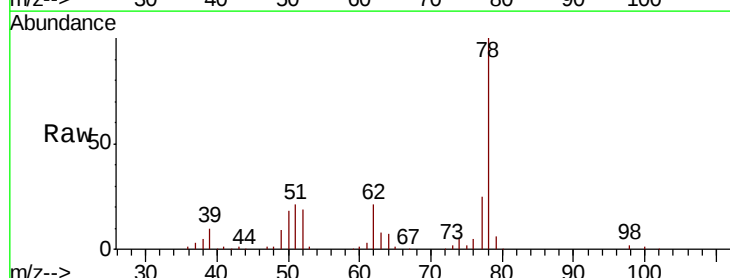
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#40
Benzene
Concen: 48.476 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





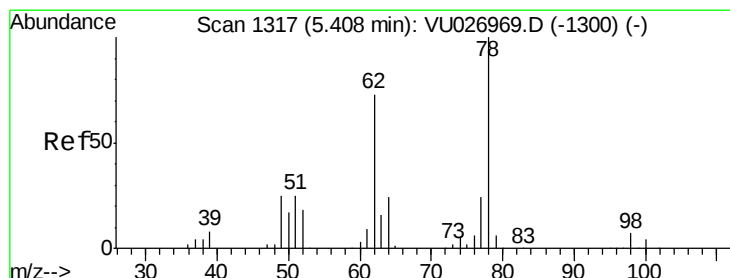
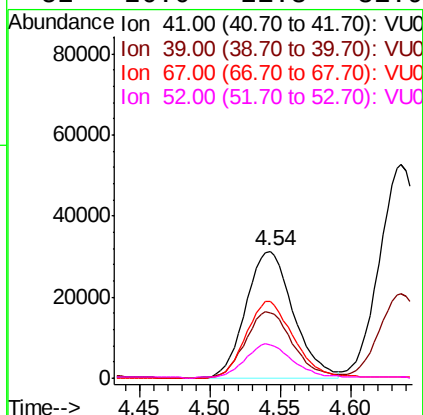
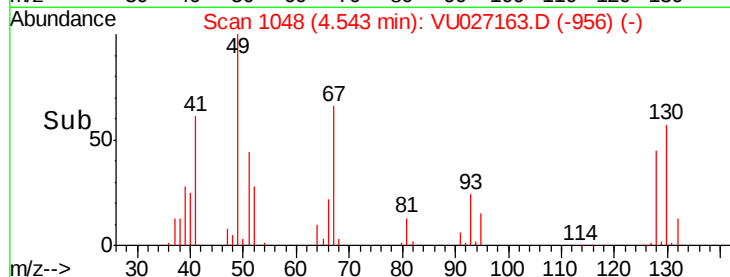
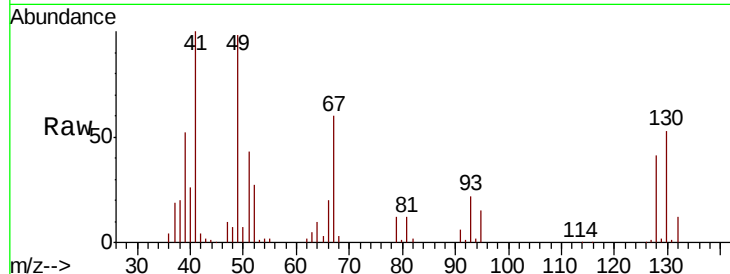
#41
Methacrylonitrile
Concen: 58.922 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.7	42.9	64.3	
67	61.1	52.4	78.6	
52	26.0	21.3	31.9	

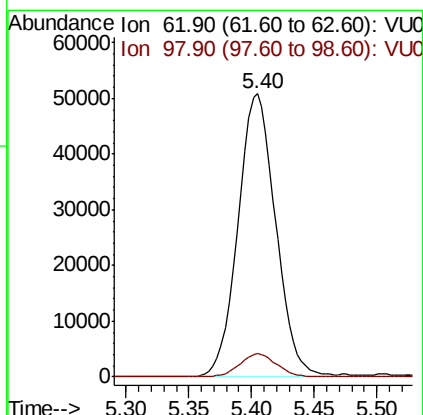
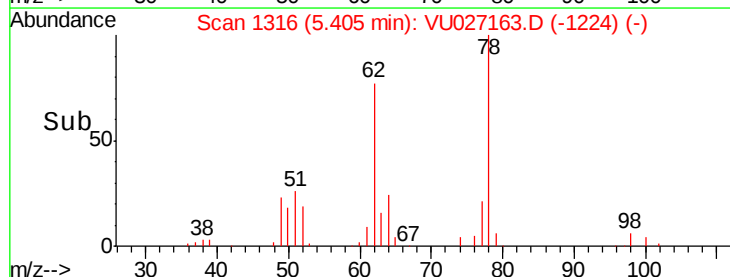
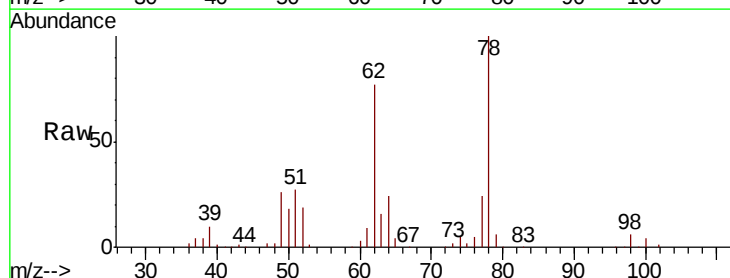
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#42
1,2-Dichloroethane
Concen: 51.760 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	17.0	





#43

Isopropyl Acetate

Concen: 58.337 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

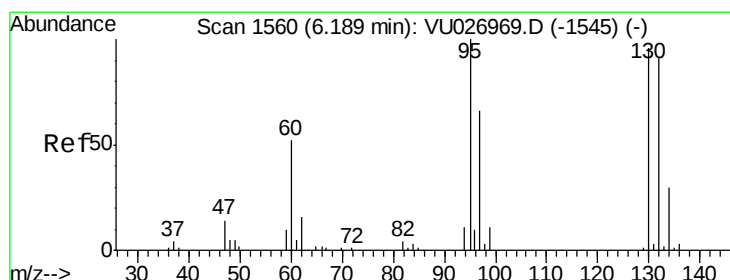
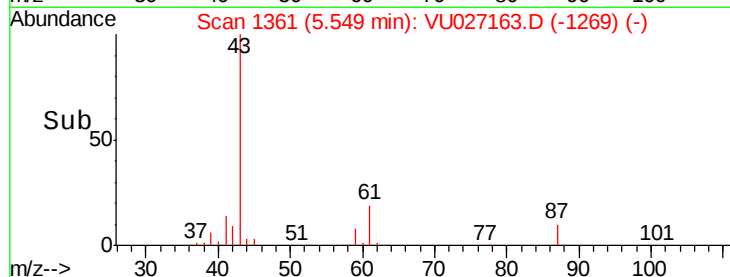
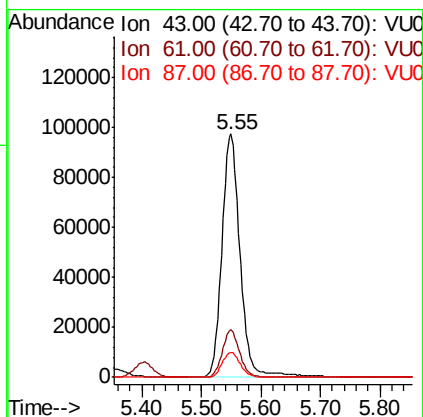
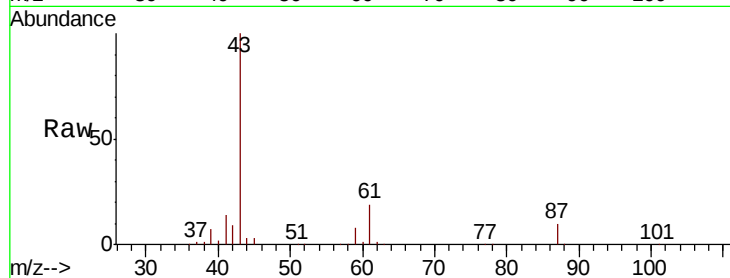
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	205287
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.7	23.5
87	10.3	9.0	13.4

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#44

Trichloroethene

Concen: 47.766 ug/l

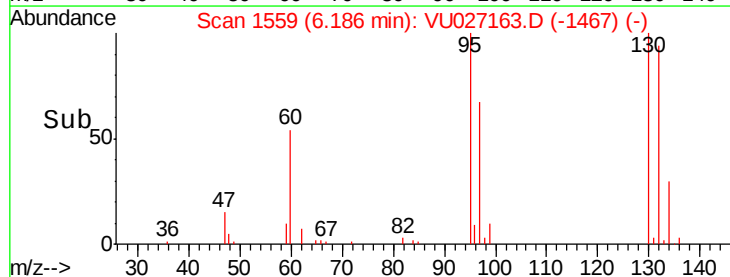
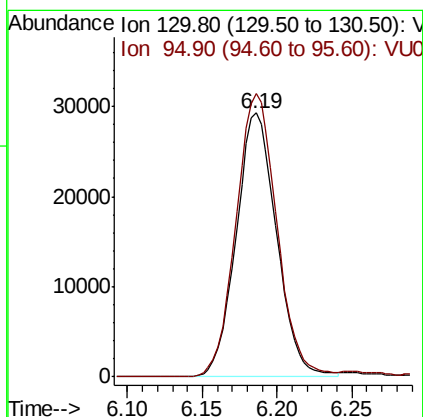
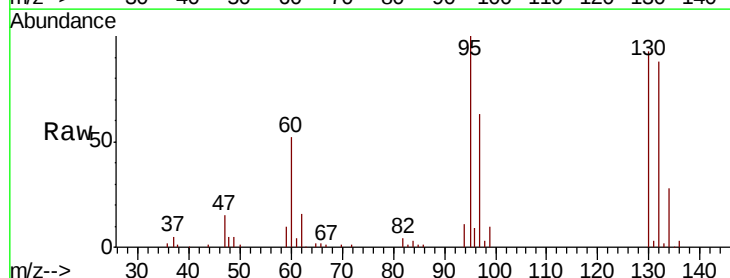
RT: 6.19 min Scan# 1559

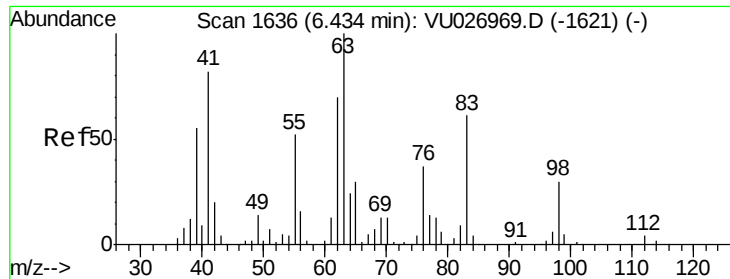
Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:	130	Resp:	55101
Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	208.8





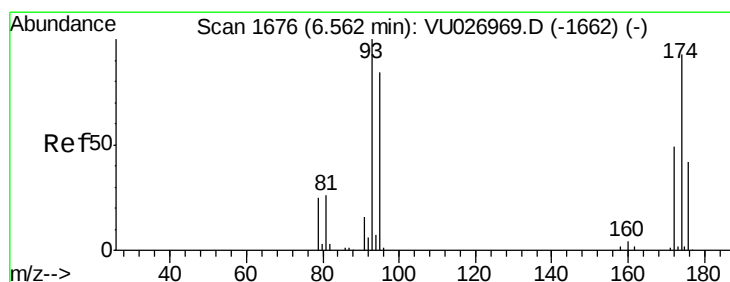
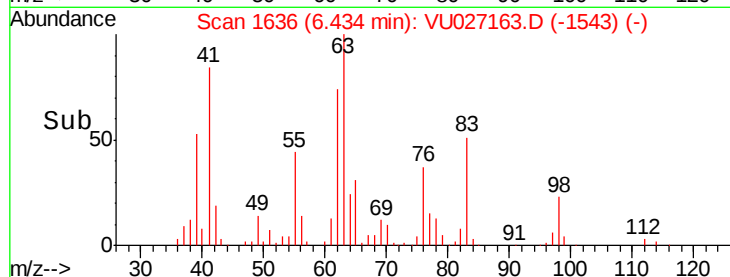
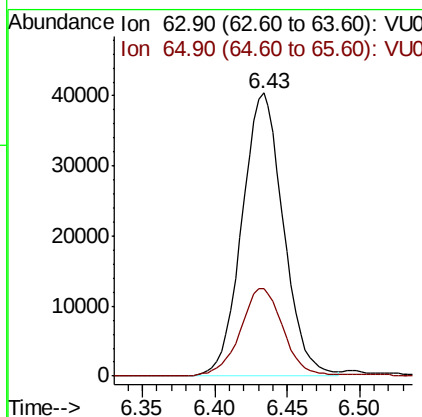
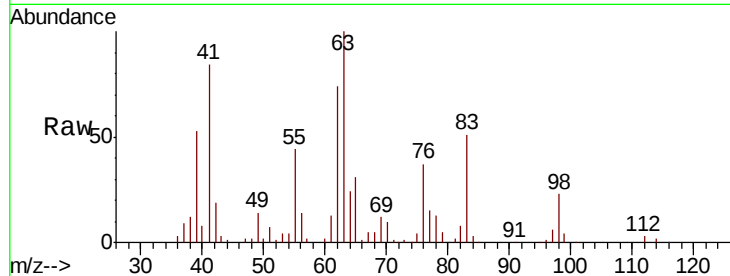
#45
 1,2-Dichloropropane
 Concen: 51.967 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 80234
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5

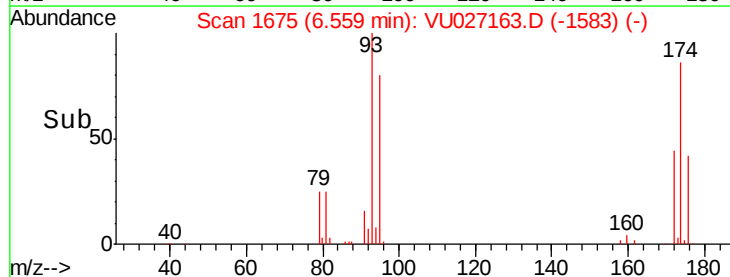
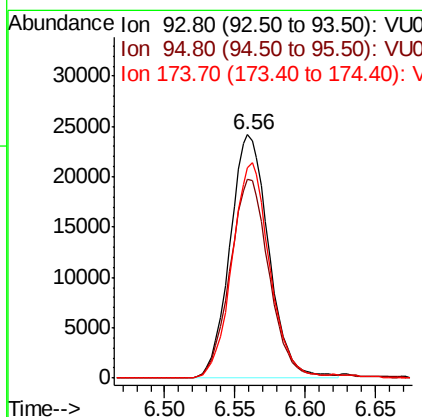
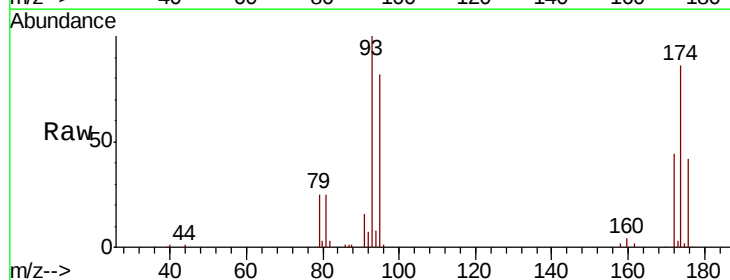
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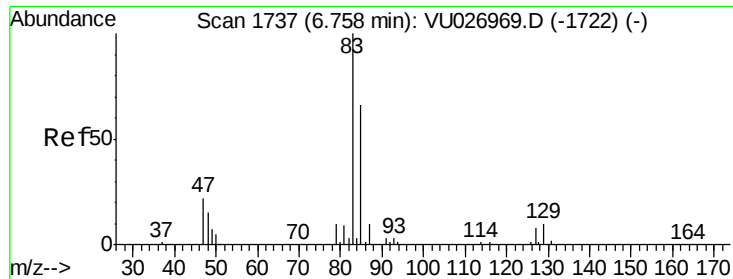
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#46
 Dibromomethane
 Concen: 49.994 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 93 Resp: 46617
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.4
 174 85.5 71.7 107.5





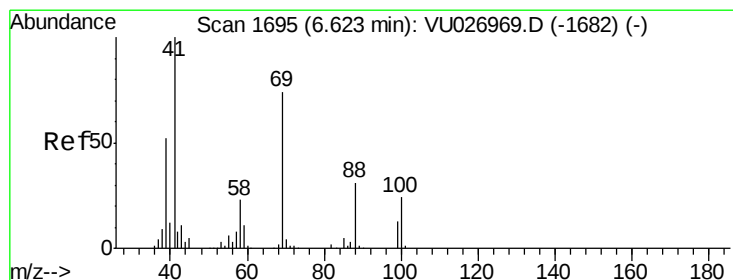
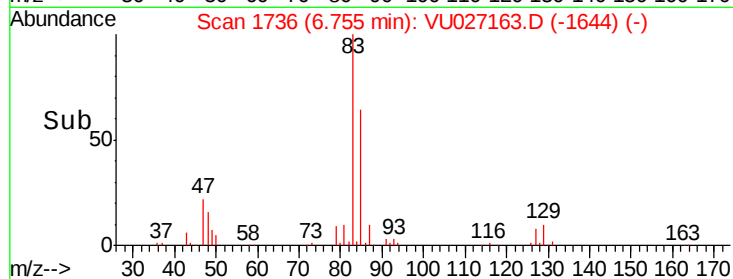
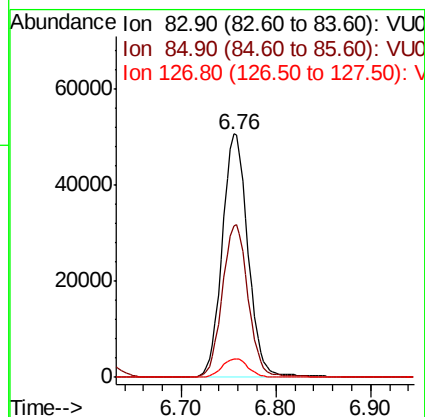
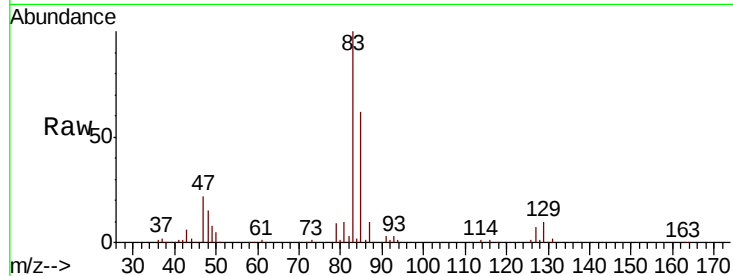
#47
Bromodichloromethane
Concen: 50.900 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	95970
Ion Ratio	100	Lower	Upper
83	100		
85	62.2	52.5	78.7
127	7.4	6.3	9.5

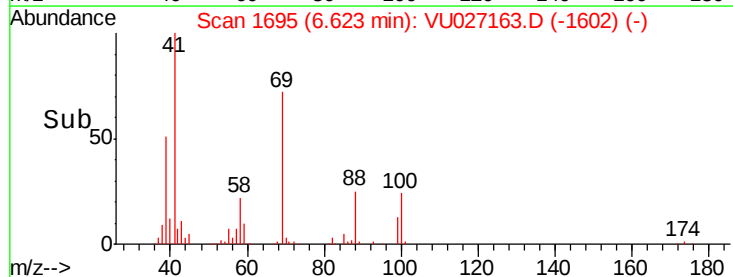
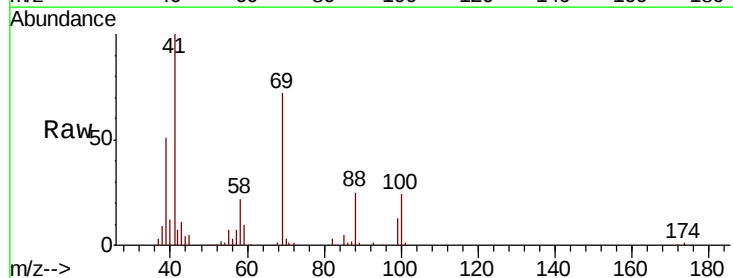
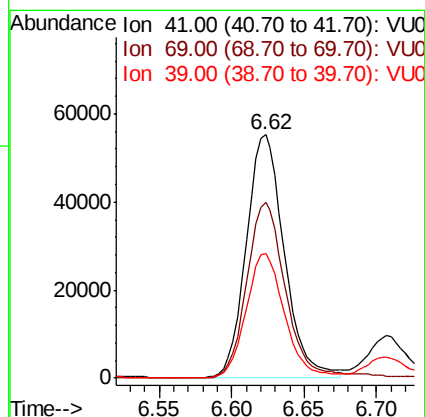
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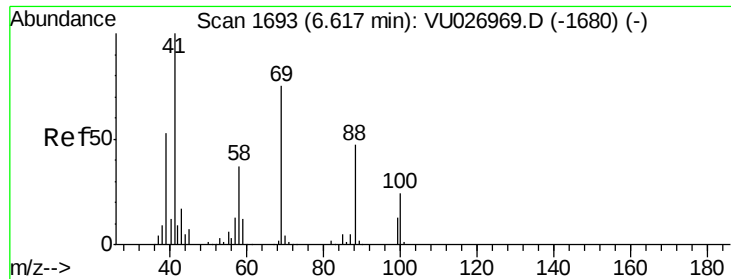
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#48
Methyl methacrylate
Concen: 52.888 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	41	Resp	101410
Ion Ratio	100	Lower	Upper
41	100		
69	74.9	60.6	90.8
39	51.6	42.8	64.2





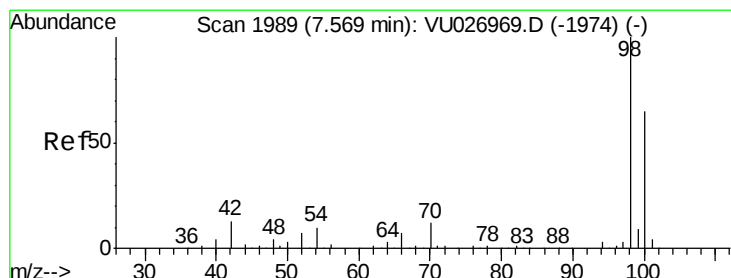
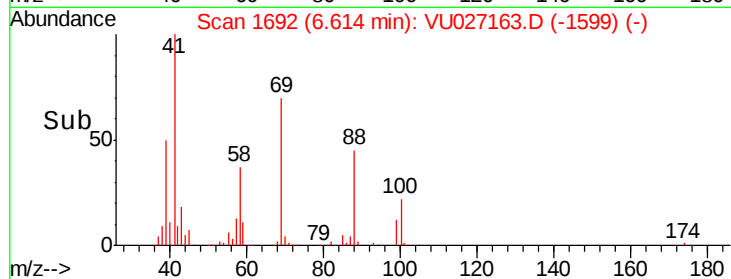
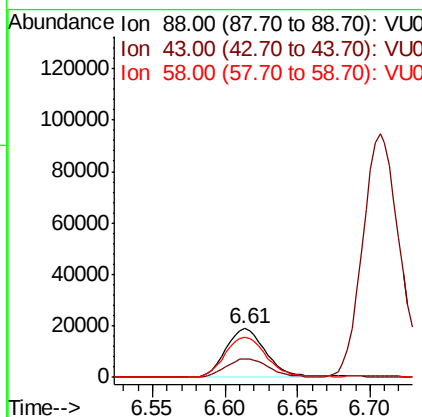
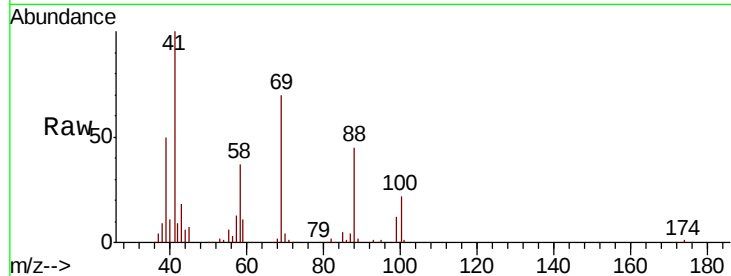
#49
1,4-Dioxane
Concen: 970.971 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	29.8	44.8
58	84.8	63.9	95.9

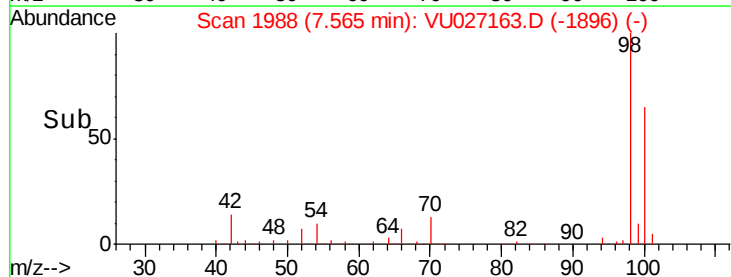
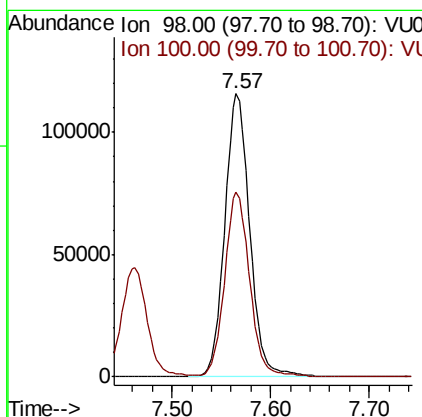
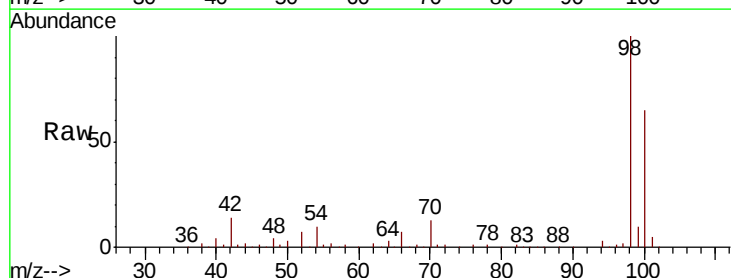
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#50
Toluene-d8
Concen: 46.628 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 285.071 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 674685

Ion Ratio Lower Upper

43 100

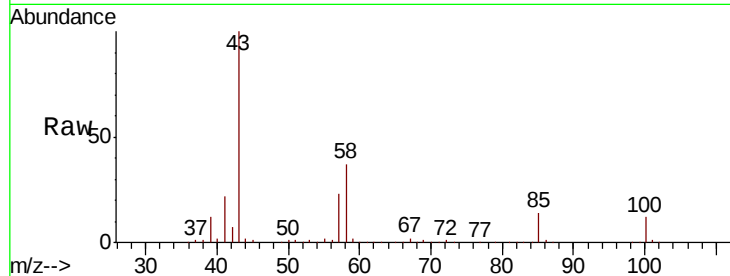
58 37.1 29.8 44.6

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Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

400000

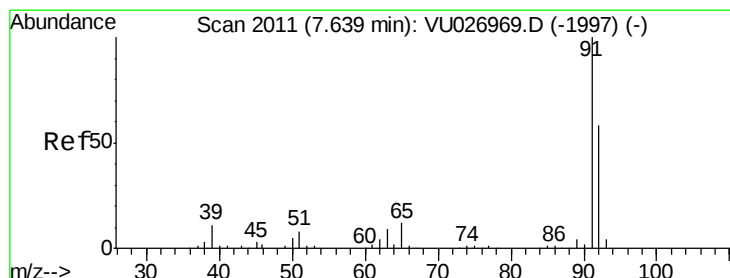
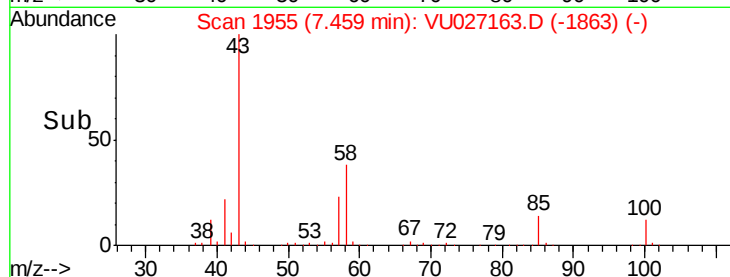
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.943 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027163.D

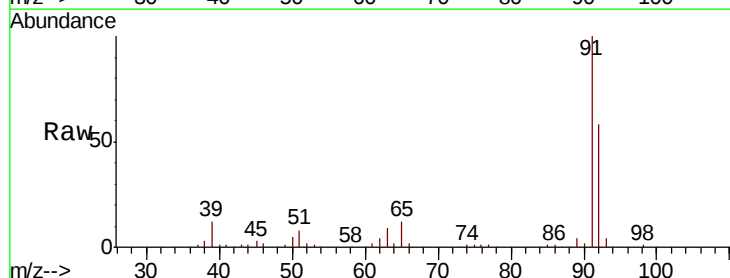
Acq: 26 Sep 2018 09:19

Tgt Ion: 92 Resp: 158224

Ion Ratio Lower Upper

92 100

91 172.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

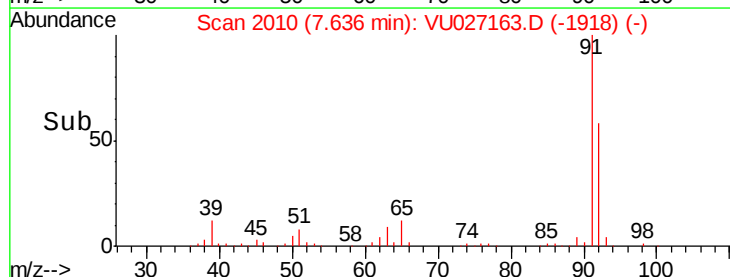
150000

100000

50000

0

Time-->





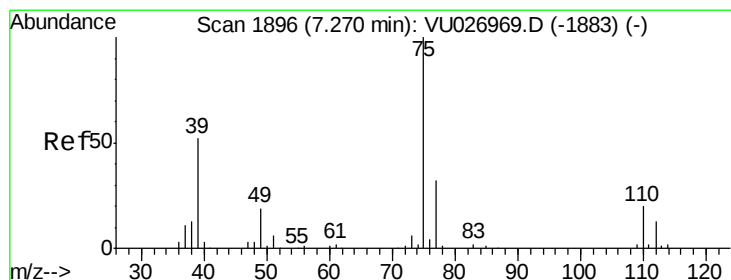
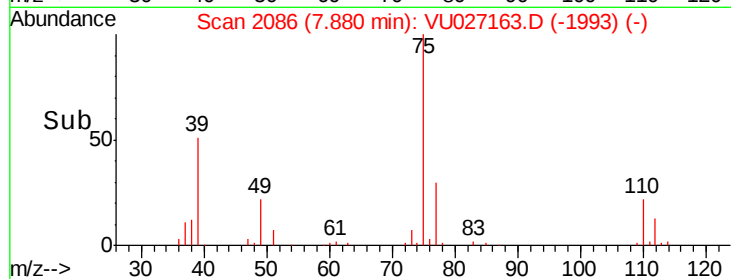
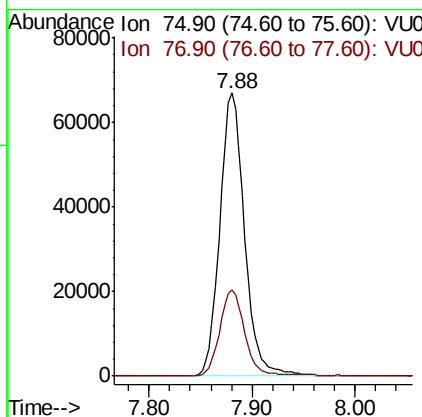
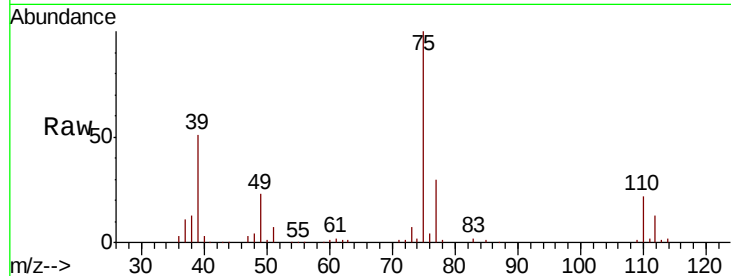
#53
t-1,3-Dichloropropene
Concen: 55.162 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 111747
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9

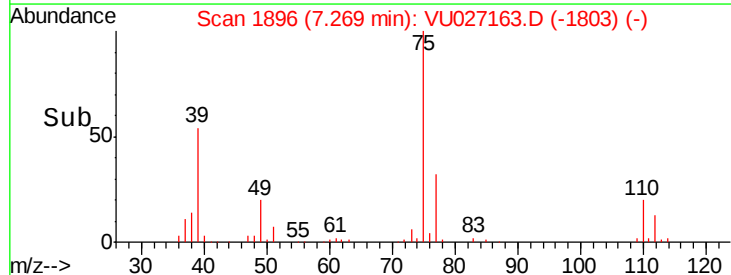
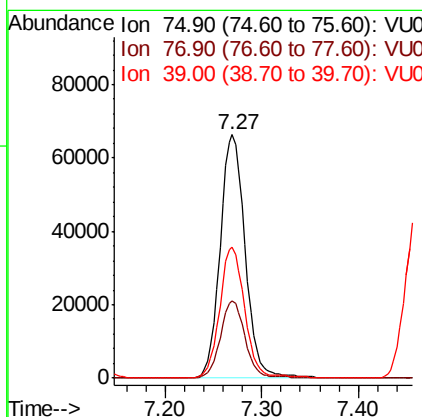
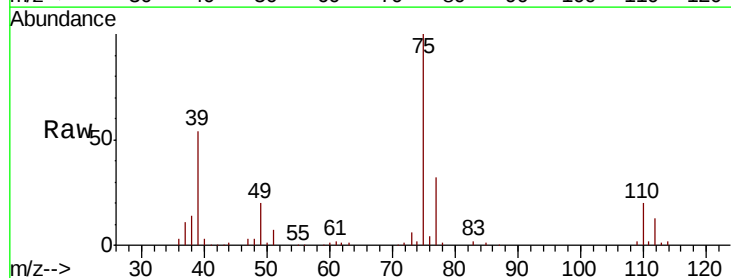
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#54
cis-1,3-Dichloropropene
Concen: 53.455 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 75 Resp: 119065
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 53.5 41.6 62.4





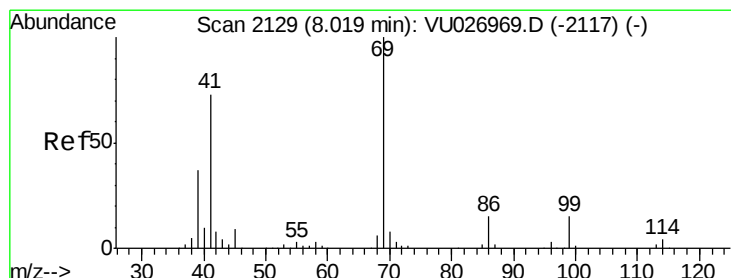
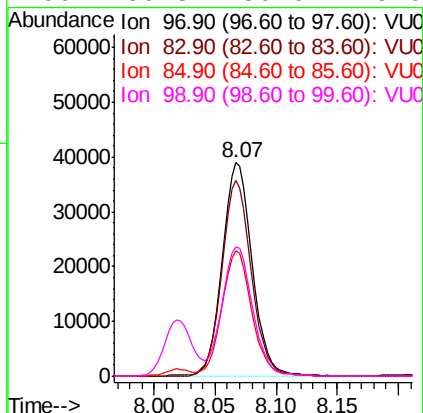
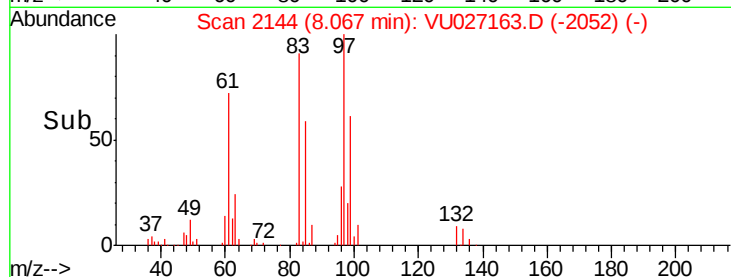
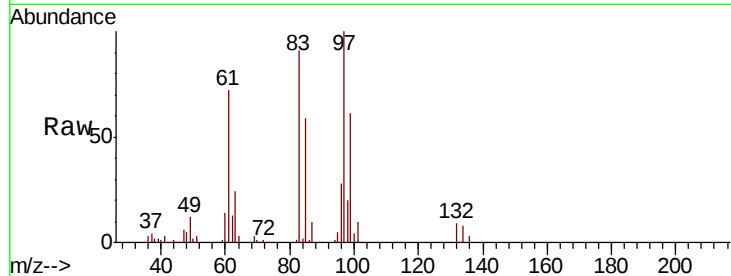
#55
 1,1,2-Trichloroethane
 Concen: 51.030 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	67158
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.1	109.7
85	58.6	46.7	70.1
99	60.8	50.0	75.0

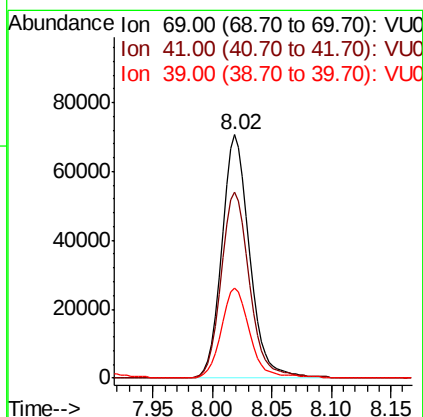
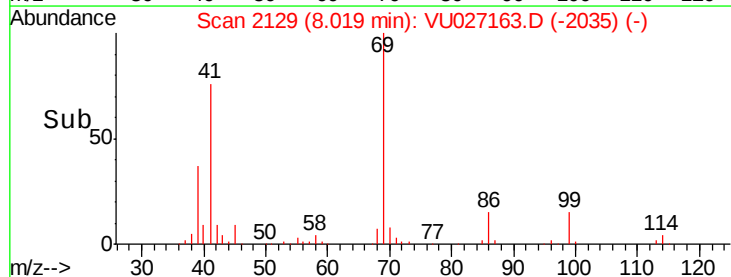
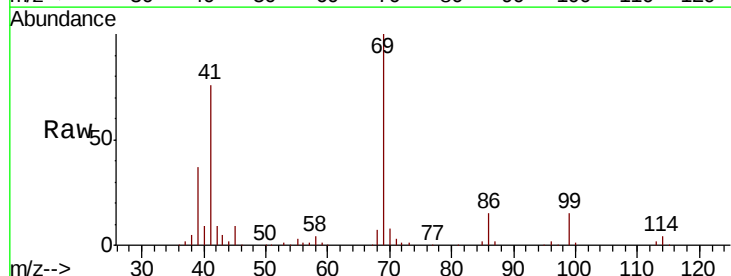
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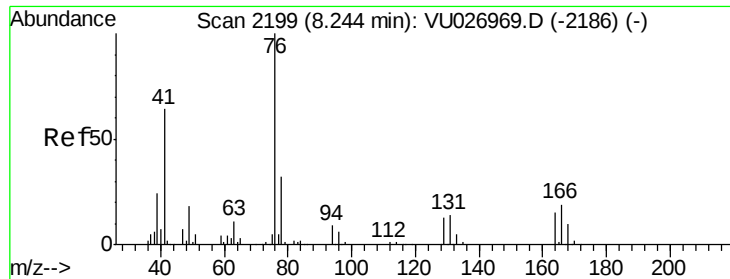
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#56
 Ethyl methacrylate
 Concen: 50.177 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion:	69	Resp:	114597
Ion	Ratio	Lower	Upper
69	100		
41	78.8	59.0	88.4
39	37.1	30.2	45.4





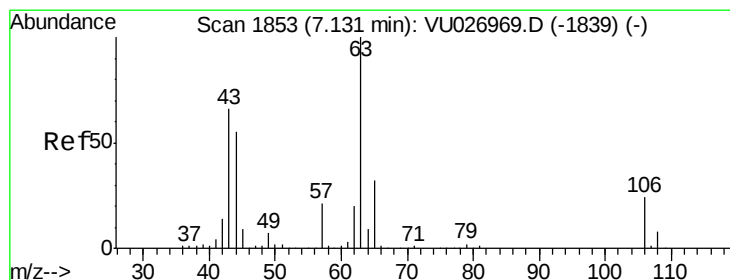
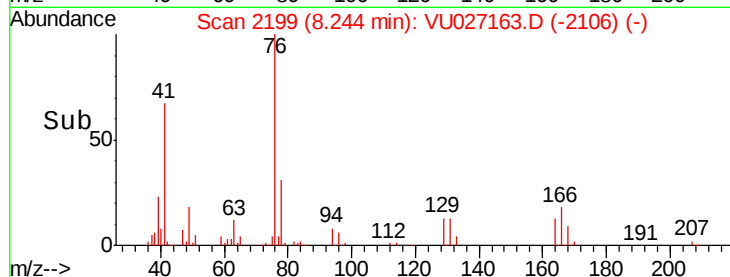
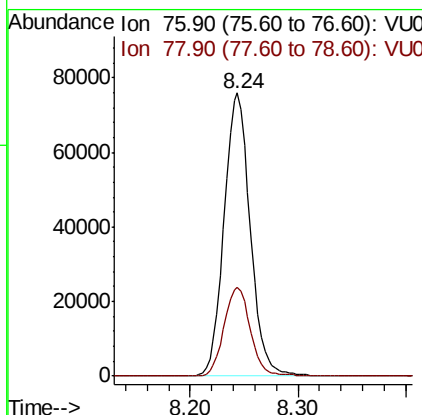
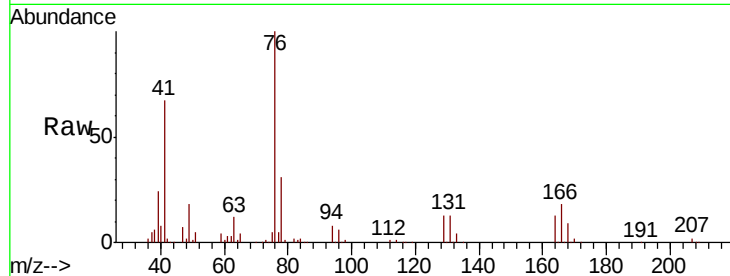
#57
 1,3-Dichloropropane
 Concen: 52.286 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 127984
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

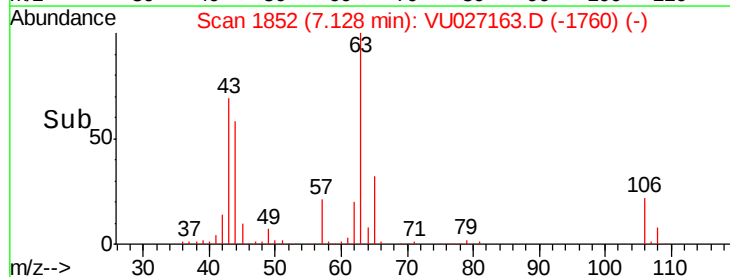
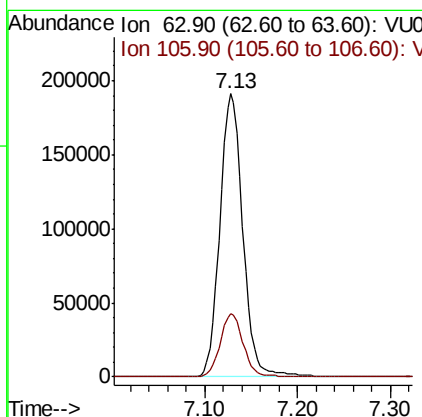
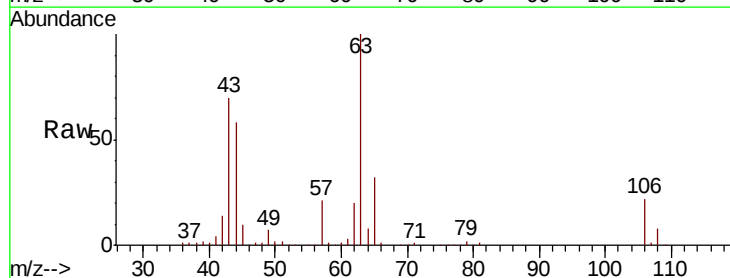
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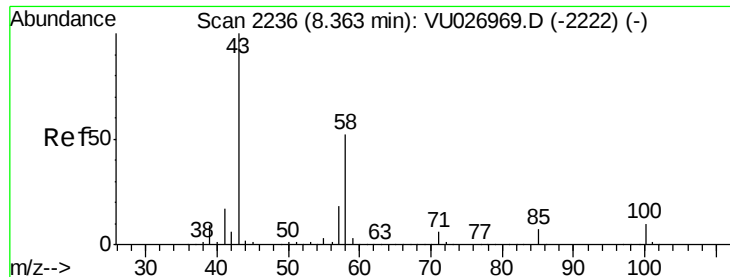
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.383 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion: 63 Resp: 328452
 Ion Ratio Lower Upper
 63 100
 106 22.5 18.7 28.1





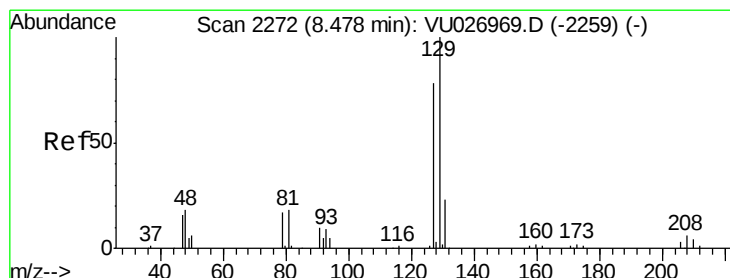
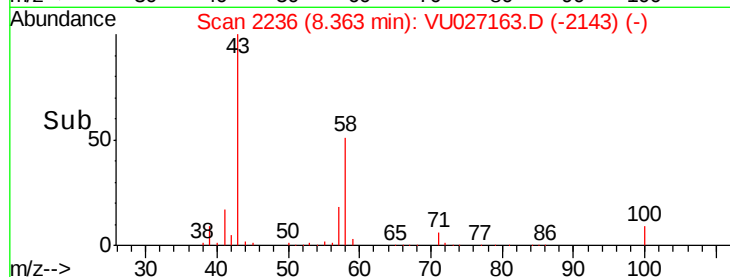
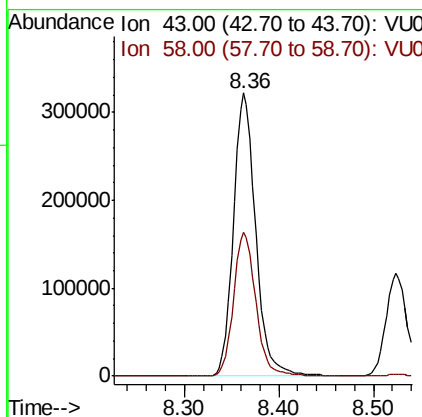
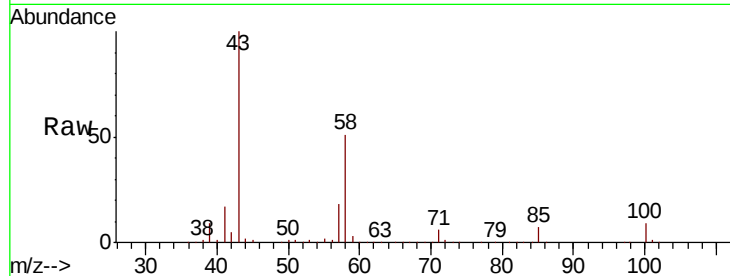
#59
2-Hexanone
Concen: 284.566 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 527193
Ion Ratio Lower Upper
43 100
58 50.9 26.1 78.2

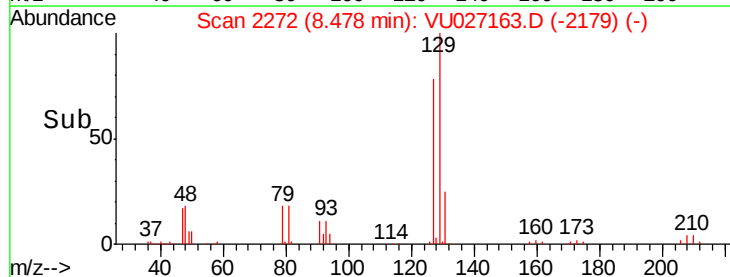
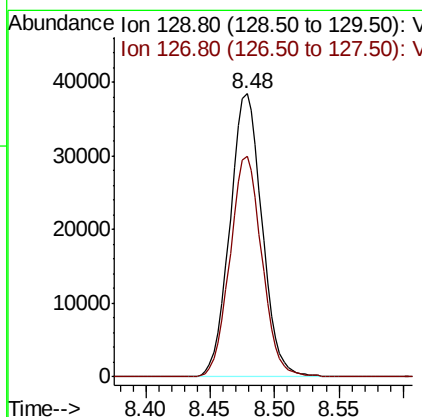
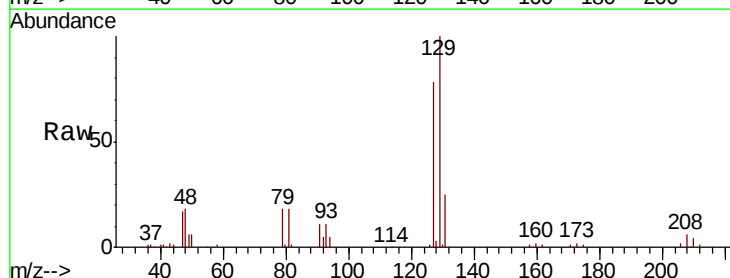
Manual Integrations
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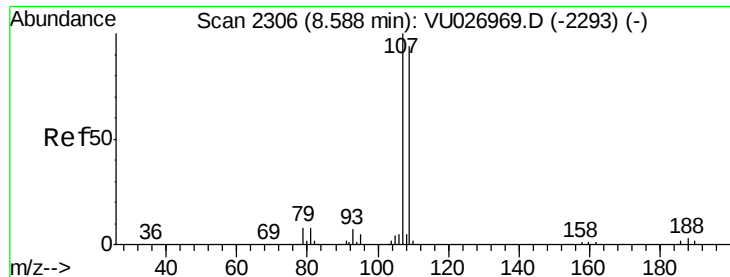
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#60
Dibromochloromethane
Concen: 51.638 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 129 Resp: 66660
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.102 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 68605

Ion Ratio Lower Upper

107 100

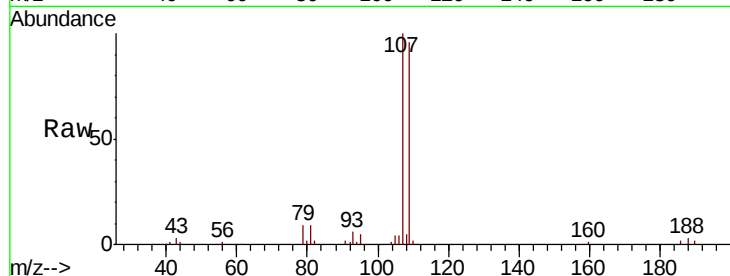
109 92.8 75.0 112.6

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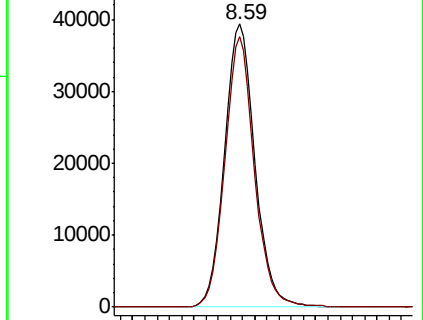
MMDadoda

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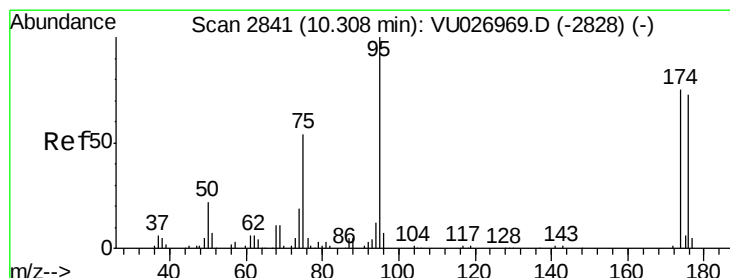
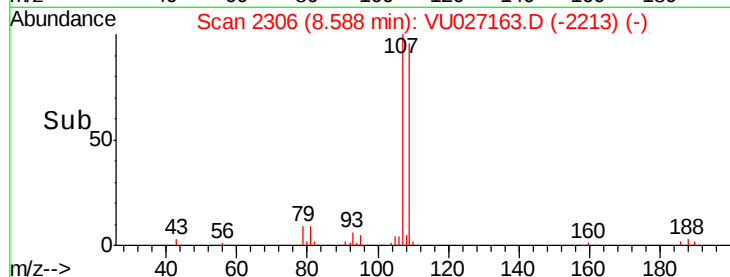


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.382 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

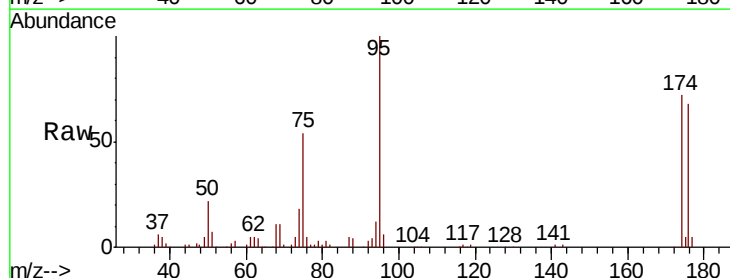
Tgt Ion: 95 Resp: 76271

Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.2

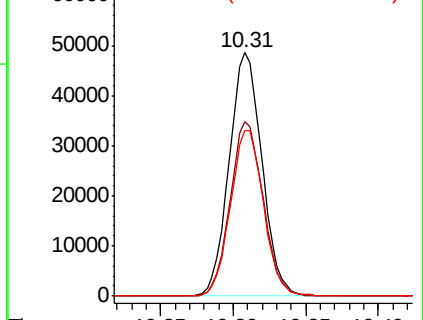
176 68.6 0.0 145.2



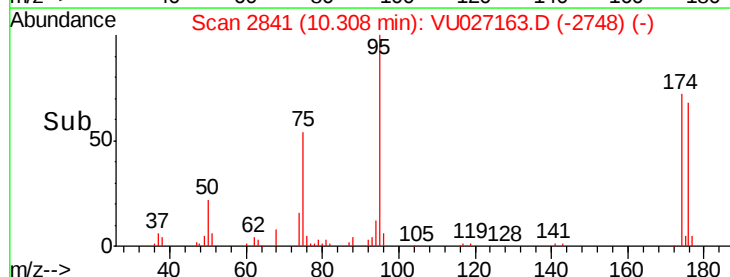
Abundance Ion 94.90 (94.60 to 95.60): VU0

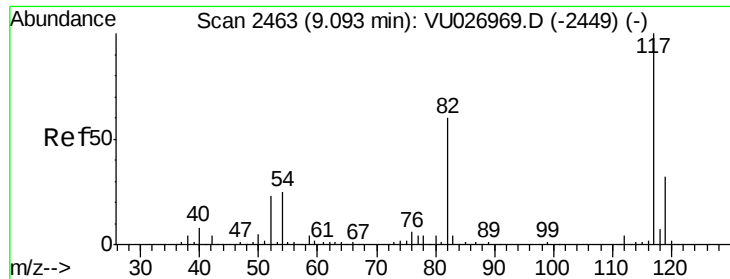
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





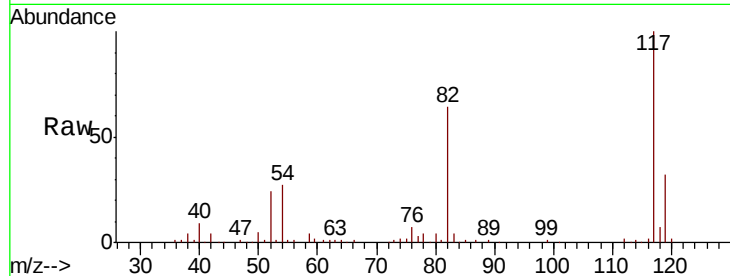
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	127507		
82	63.7	48.0	72.0	
119	31.9	25.8	38.8	

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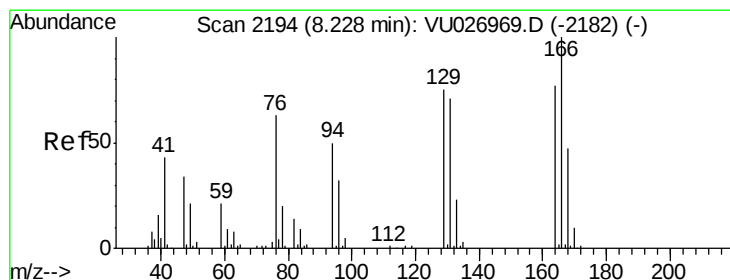
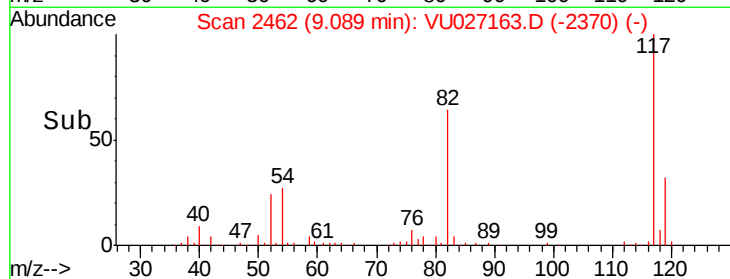
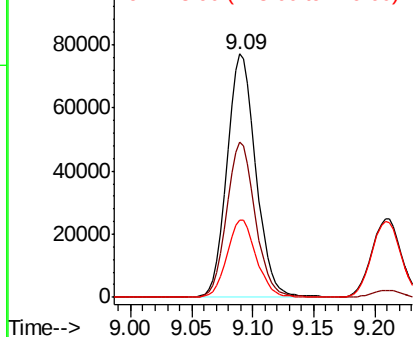


Abundance

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: 47.002 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	46181		
166	128.0	104.4	156.6	
129	98.4	78.7	118.1	
131	92.5	73.9	110.9	

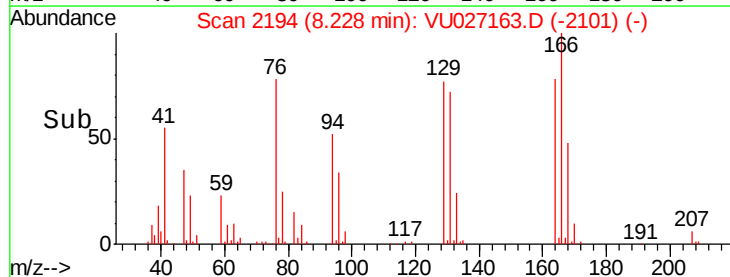
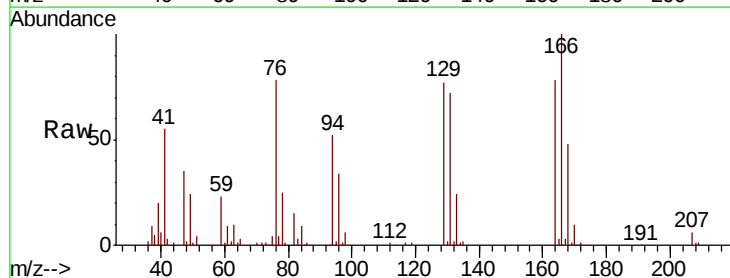
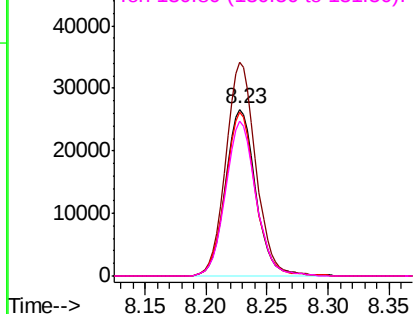
Abundance

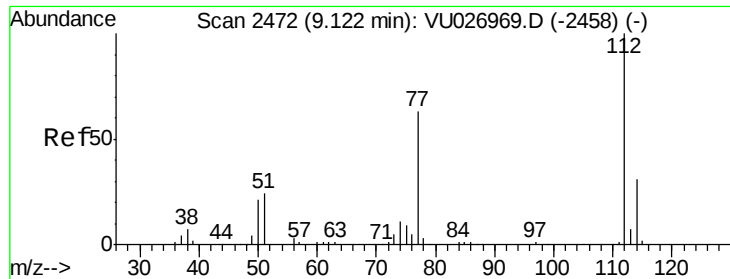
Ion 163.80 (163.50 to 164.50): V

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





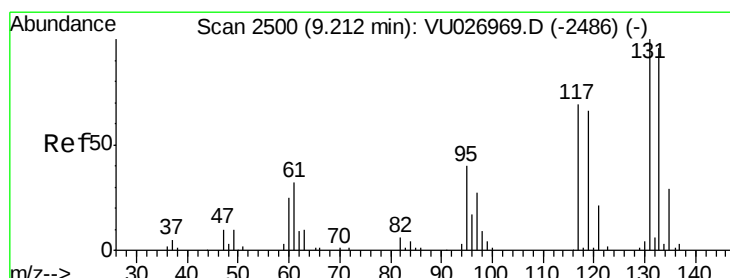
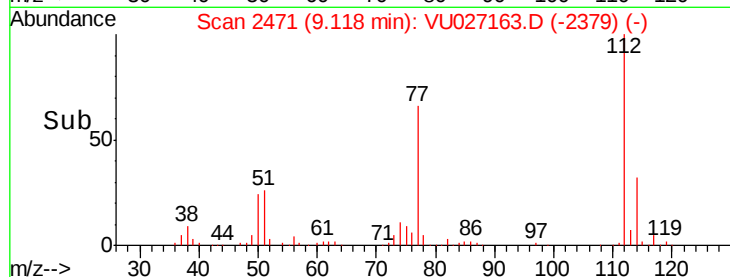
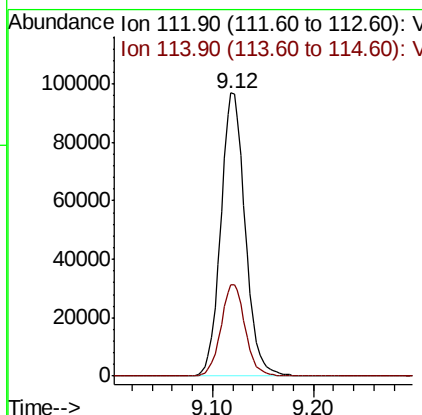
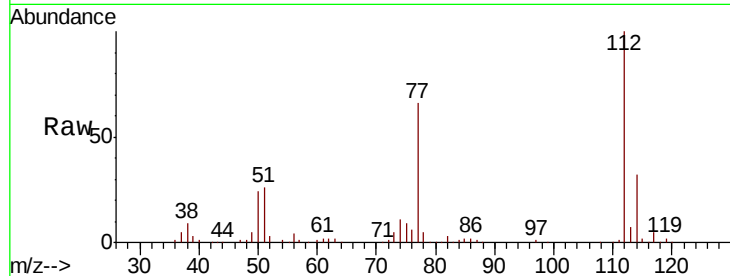
#65
Chlorobenzene
Concen: 48.471 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 163874
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6

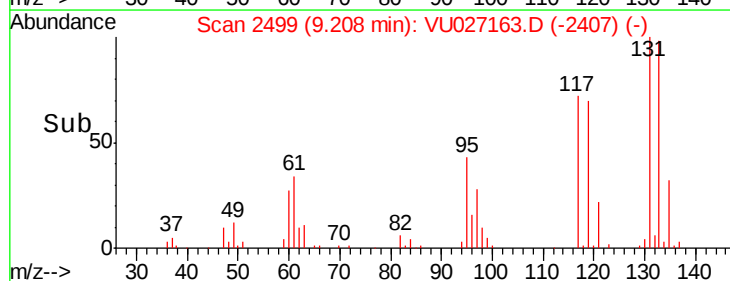
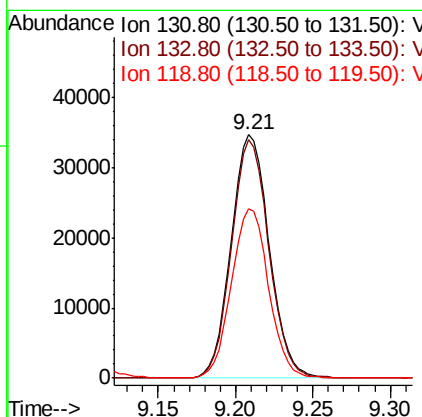
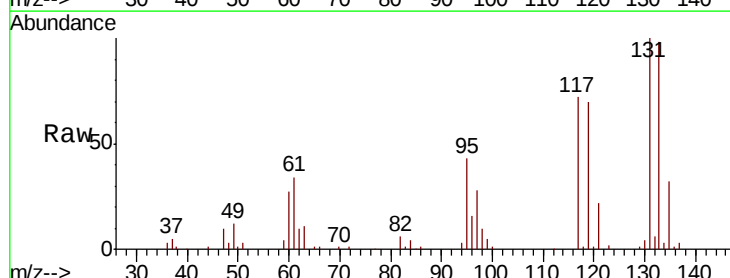
Manual Integrations
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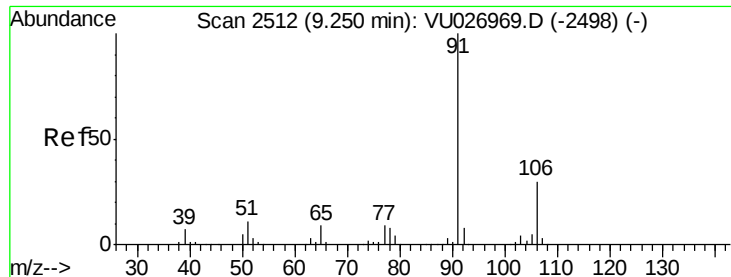
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.943 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:131 Resp: 59322
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 68.0 33.4 100.1





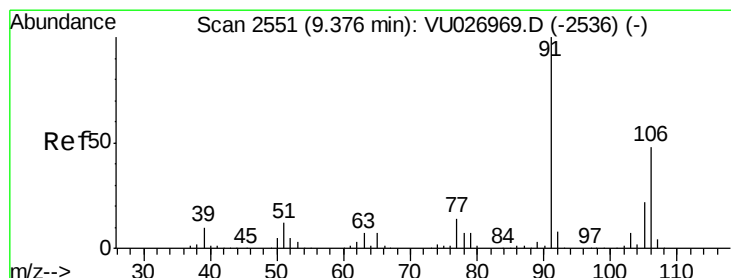
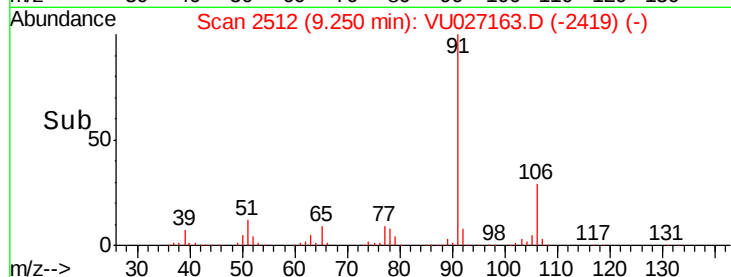
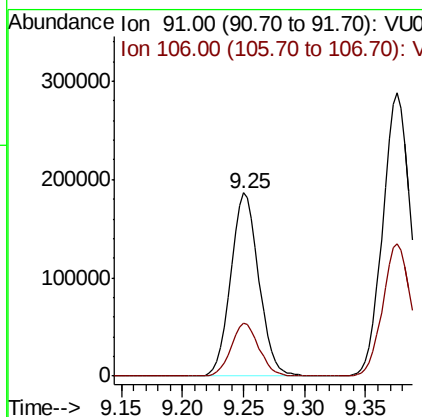
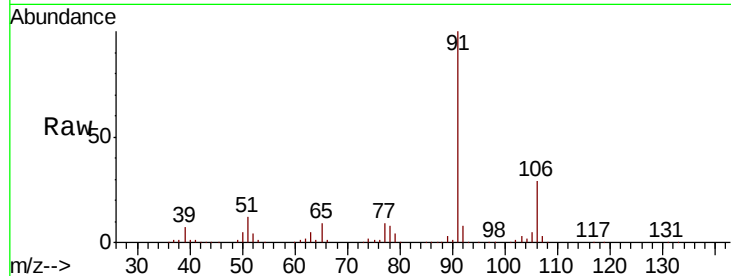
#67
Ethyl Benzene
Concen: 53.814 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 299178
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8

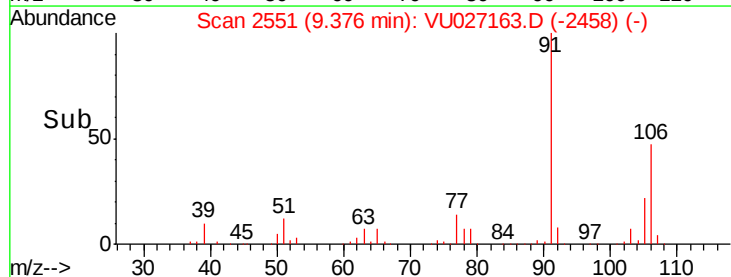
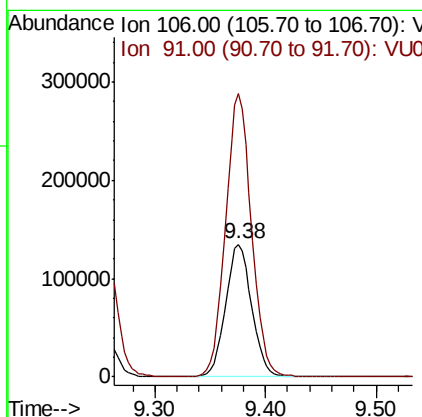
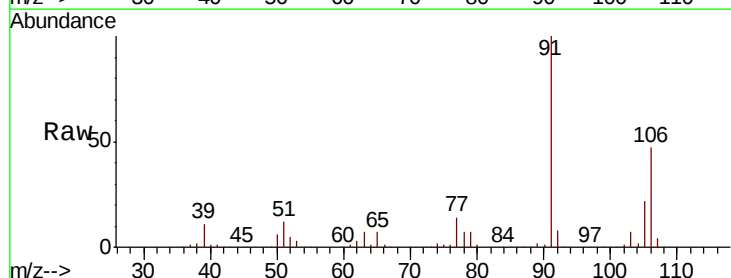
Manual Integrations
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#68
m/p-Xylenes
Concen: 98.186 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion: 106 Resp: 221003
Ion Ratio Lower Upper
106 100
91 211.2 166.5 249.7





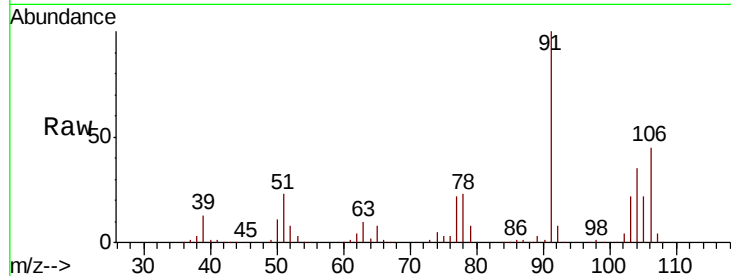
#69
o-Xylene
Concen: 54.754 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

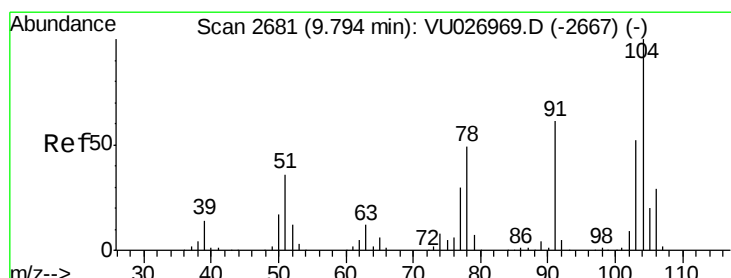
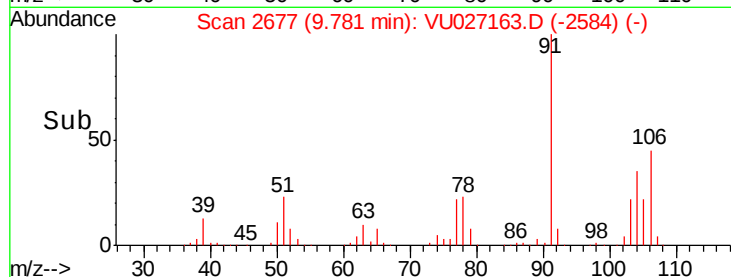
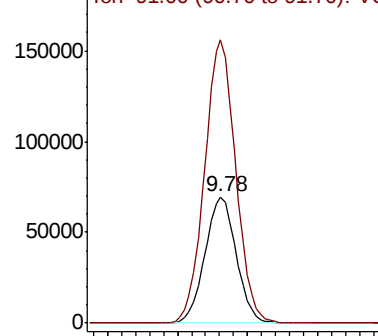
Tot Ion:106 Resp: 107854
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6

Manual Integrations
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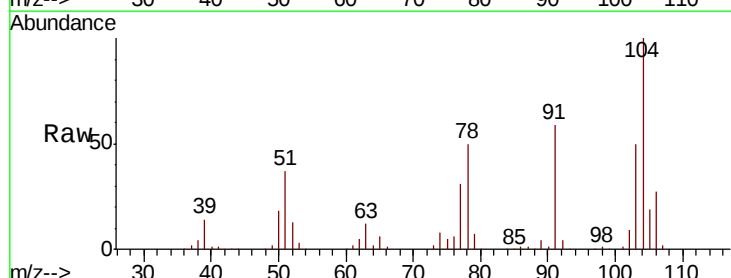


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

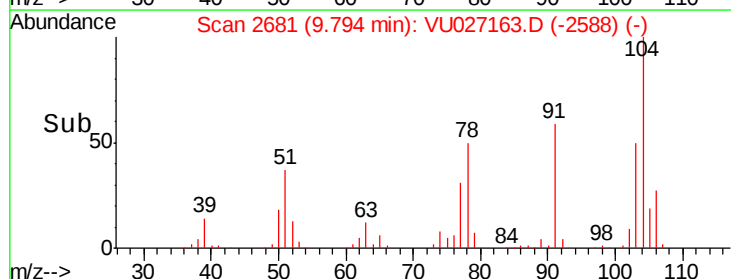
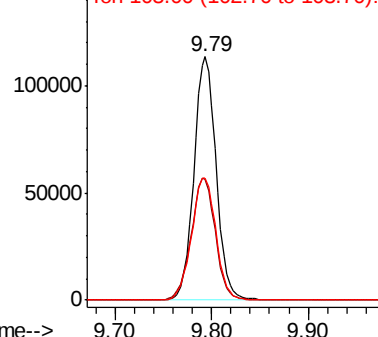


#70
Styrene
Concen: 49.156 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:104 Resp: 180676
Ion Ratio Lower Upper
104 100
78 54.7 43.0 64.4
103 55.2 44.1 66.1



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: 54.167 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 48778

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

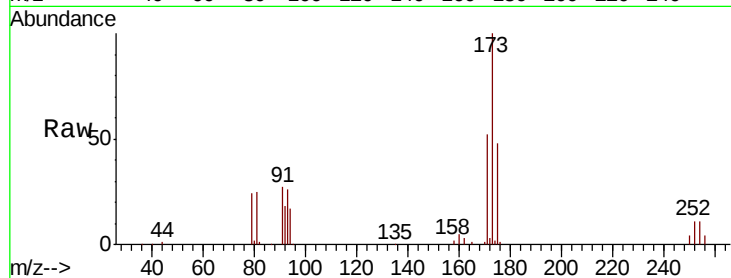
254 0.0 0.0 0.0

Manual Integrations

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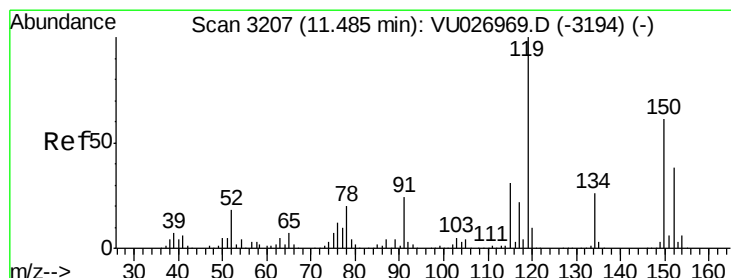
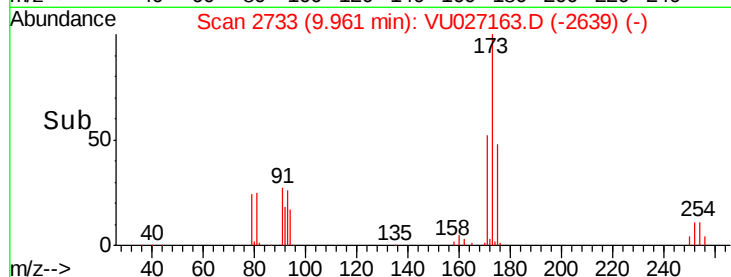
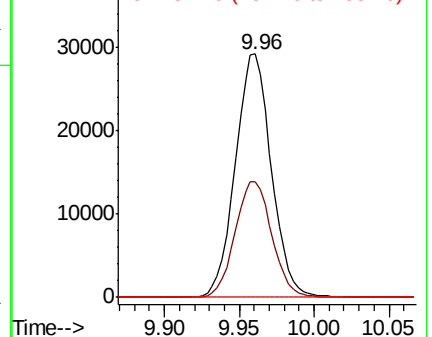


Abundance

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: VU027163.D

Acq: 26 Sep 2018 09:19

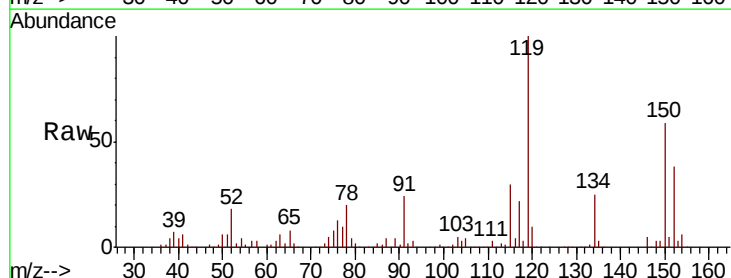
Tgt Ion:152 Resp: 69557

Ion Ratio Lower Upper

152 100

115 90.3 44.9 134.5

150 174.9 0.0 355.8

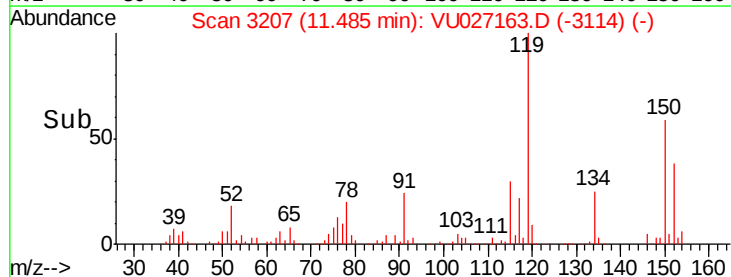
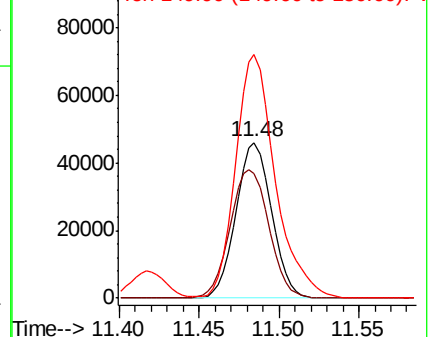


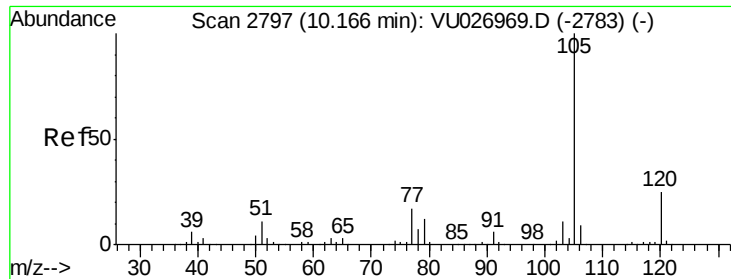
Abundance

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





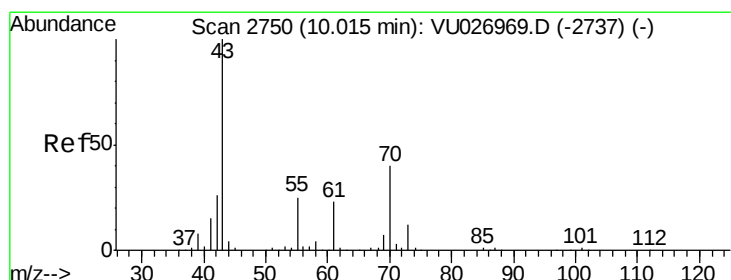
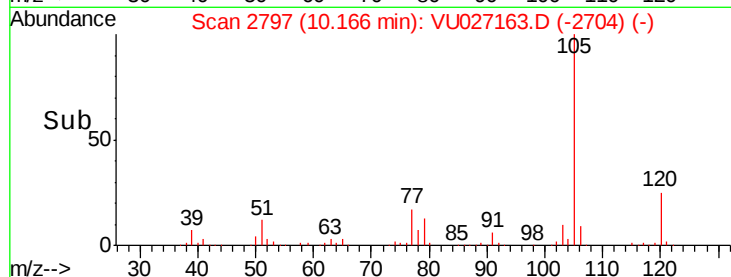
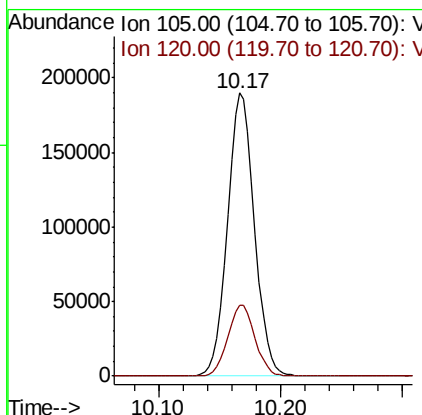
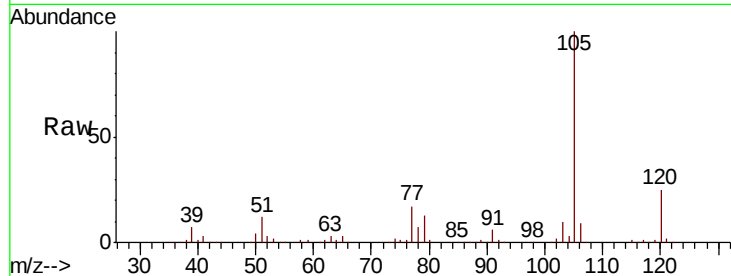
#73
Isopropylbenzene
Concen: 55.267 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.4

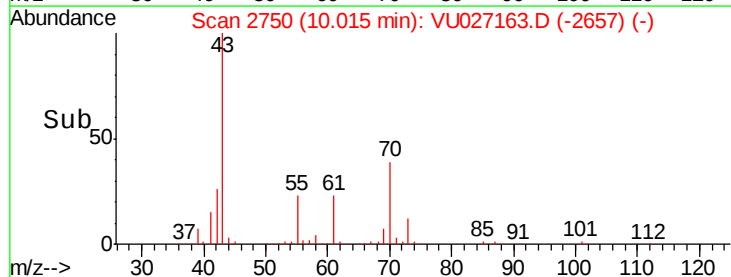
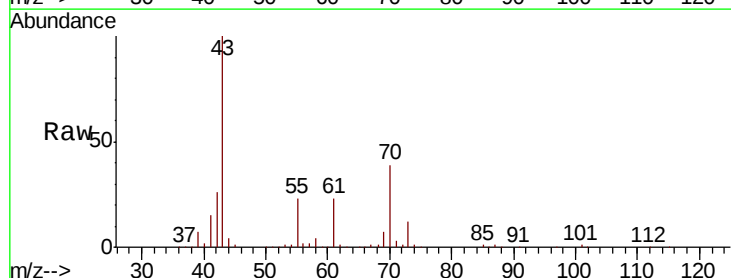
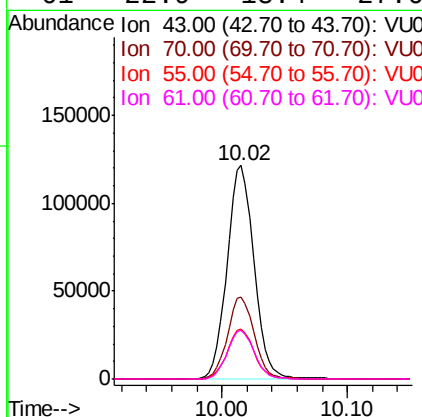
Manual Integrations
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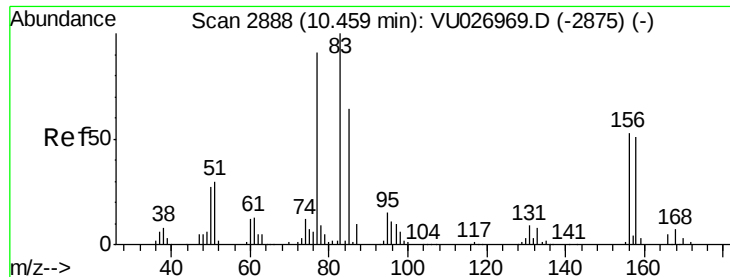
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#74
N-ethyl acetate
Concen: 59.185 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.8	47.8
55	23.5	19.9	29.9
61	22.9	18.4	27.6





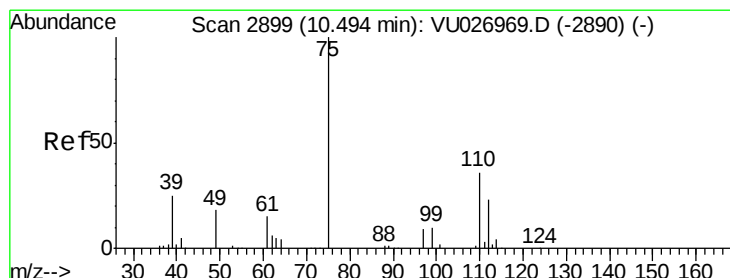
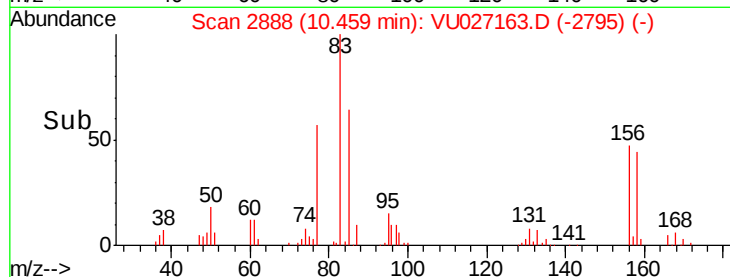
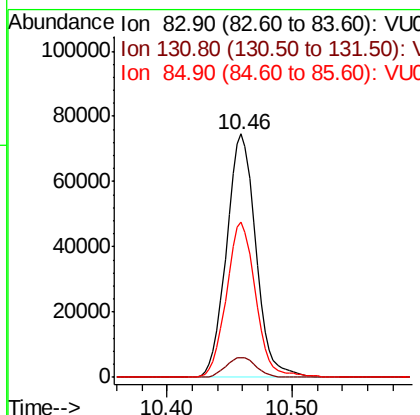
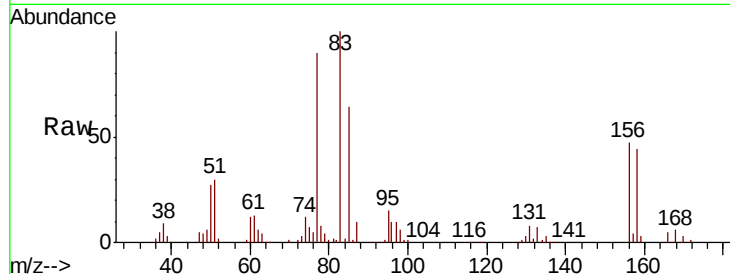
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.875 ug/l
 RT: 10.46 min Scan# 2888
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	8.4	4.3	12.8	
85	63.5	31.9	95.7	

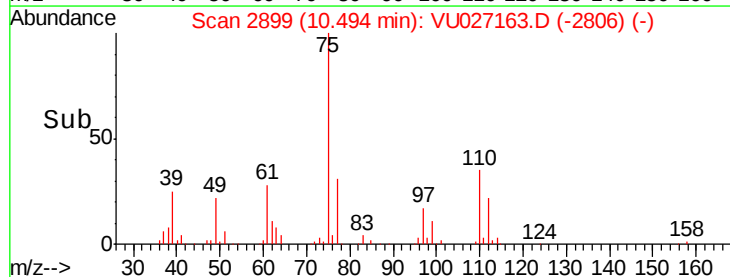
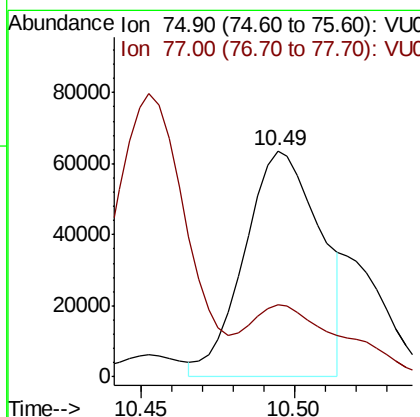
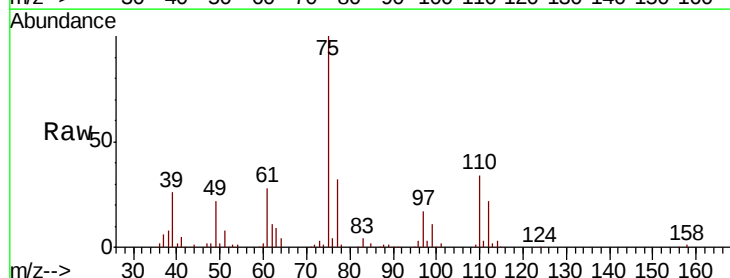
Manual Integrations
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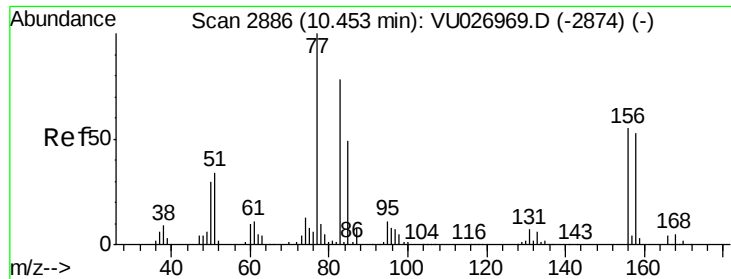
MMDadoda
 9/27/2018 3:33:17 PM



#76
 1,2,3-Trichloropropane
 Concen: 51.643 ug/l m
 RT: 10.49 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	39.1	20.9	62.8	





#77

Bromobenzene

Concen: 50.727 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Instrument :

MSVOA_U

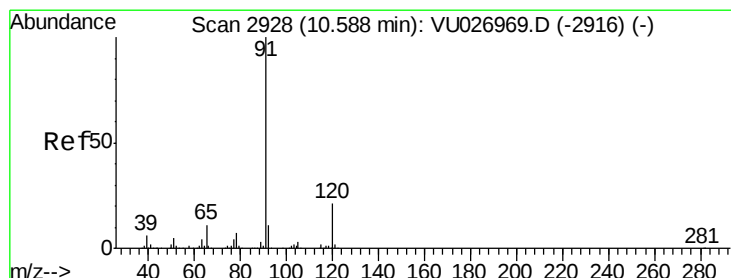
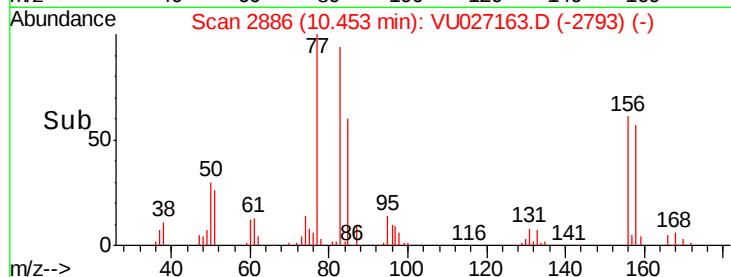
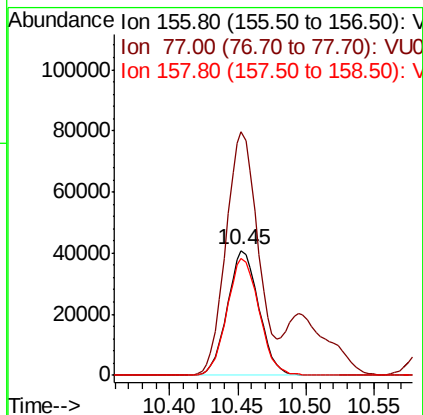
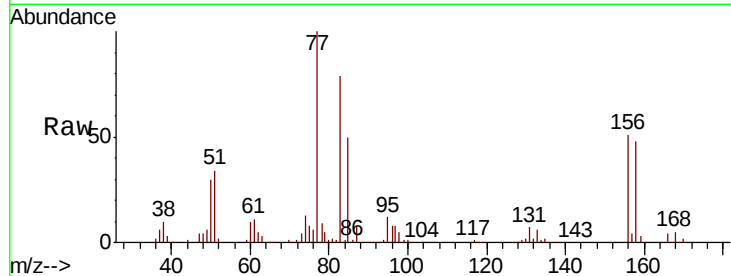
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	65589
Ion	Ratio	Lower	Upper
156	100		
77	198.2	92.3	276.9
158	95.4	48.1	144.3

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#78

n-propylbenzene

Concen: 56.680 ug/l

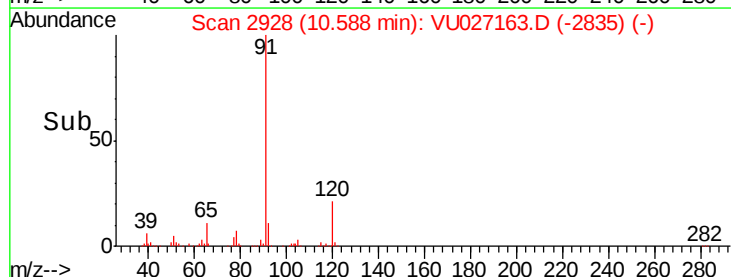
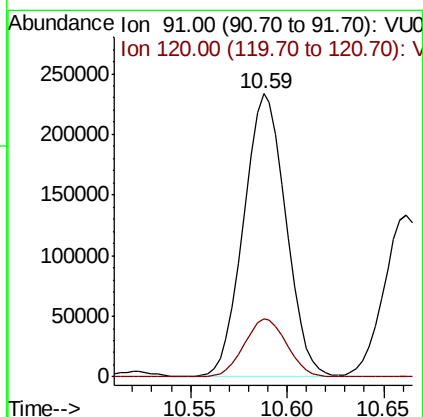
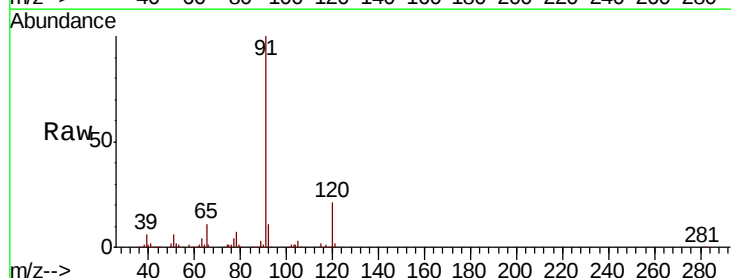
RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion:	91	Resp:	354853
Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.6	31.8





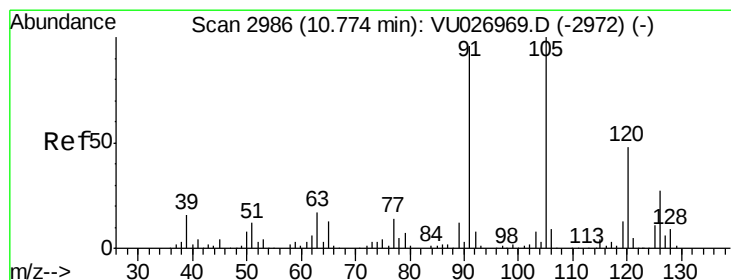
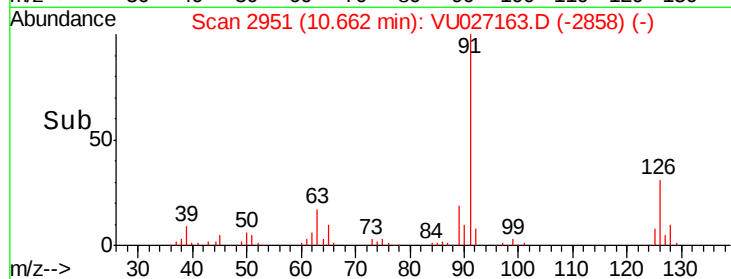
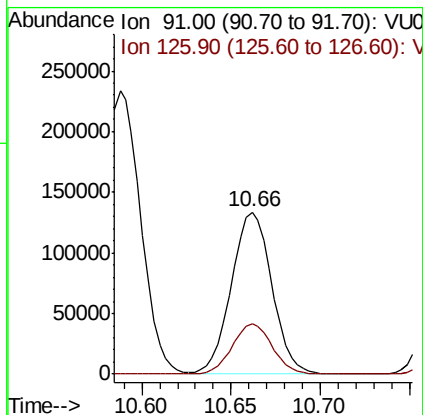
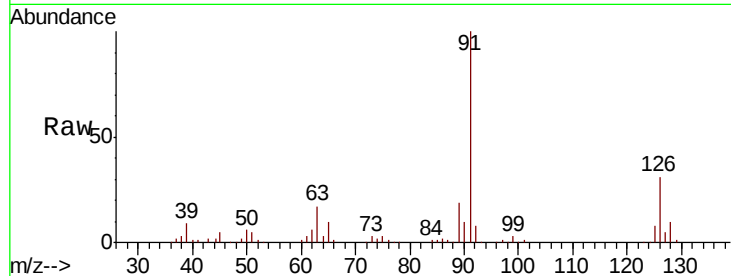
#79
 2-Chlorotoluene
 Concen: 53.533 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.8	47.3

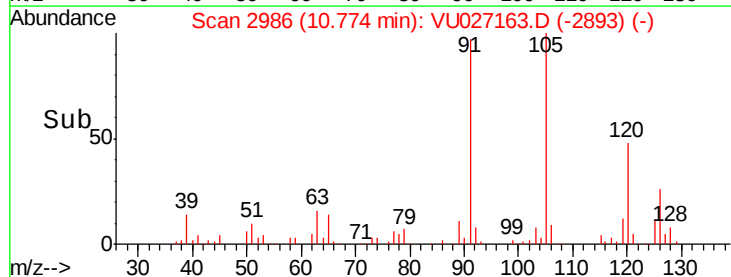
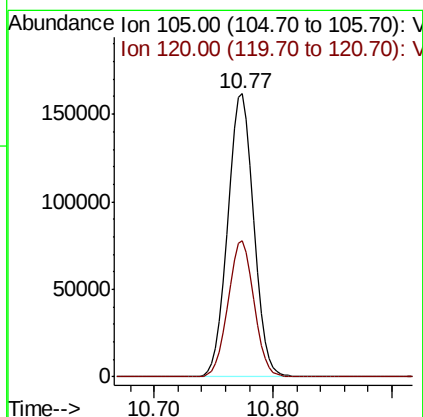
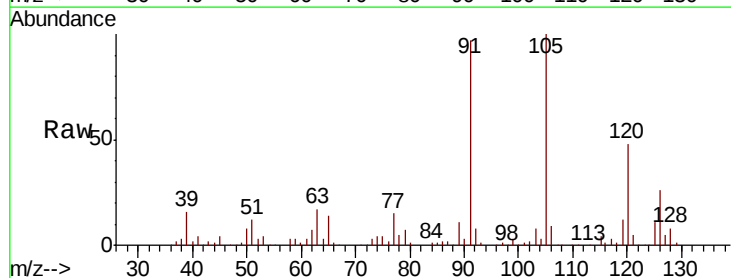
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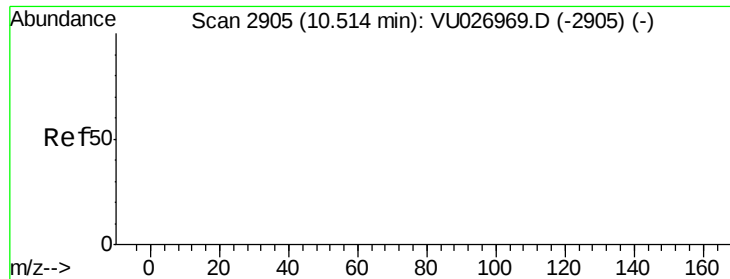
MMDadoda
 9/27/2018 3:33:17 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 56.157 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.9	71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.802 ug/l

RT: 10.51 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU027163.D

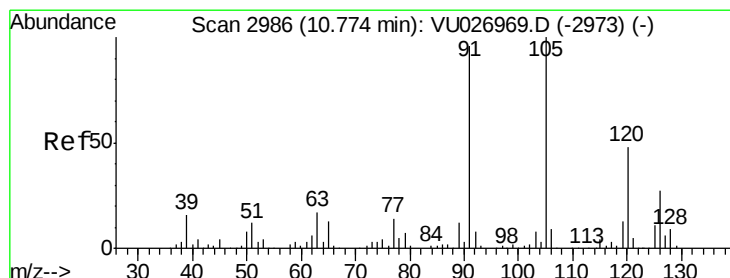
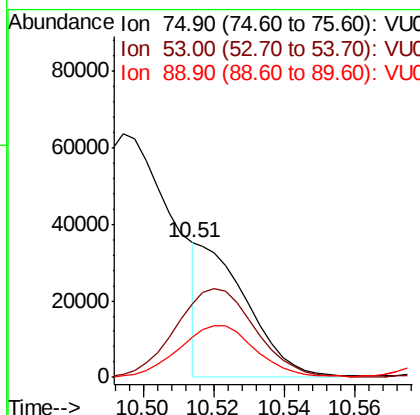
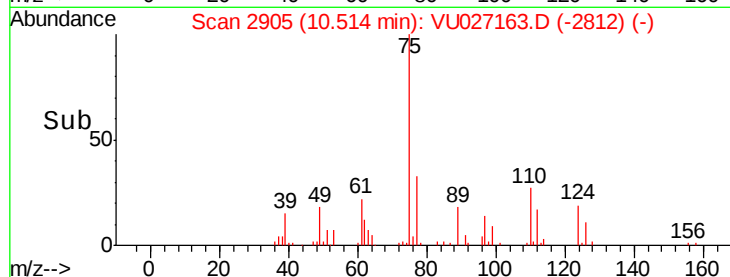
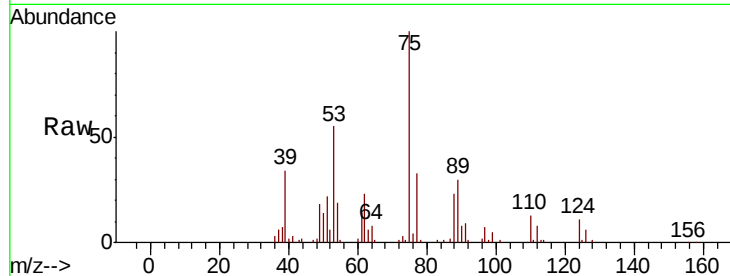
Acq: 26 Sep 2018 09:19

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

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#82

4-Chlorotoluene

Concen: 54.897 ug/l

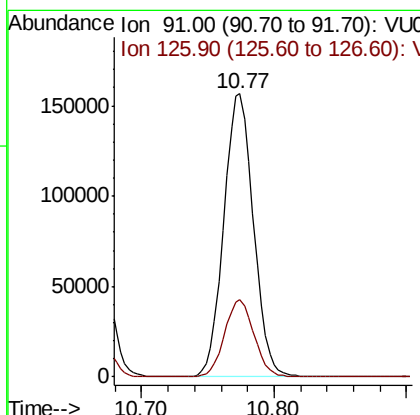
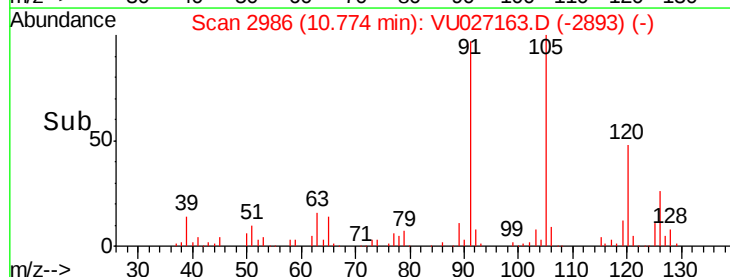
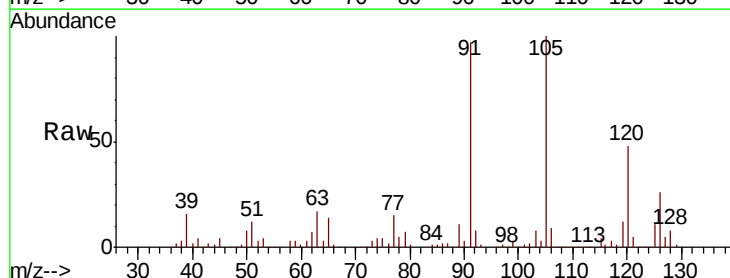
RT: 10.77 min Scan# 2986

Delta R.T. -0.00 min

Lab File: VU027163.D

Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.2	14.1	42.2





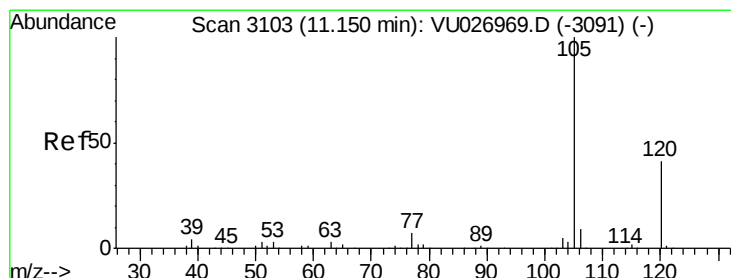
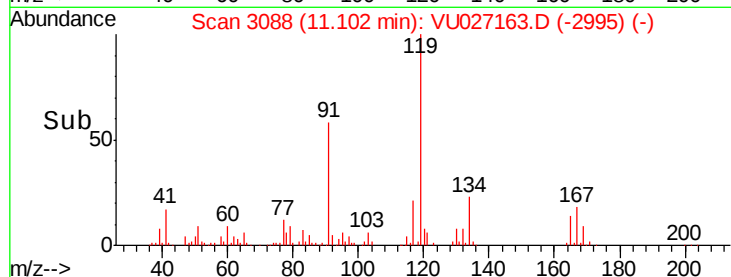
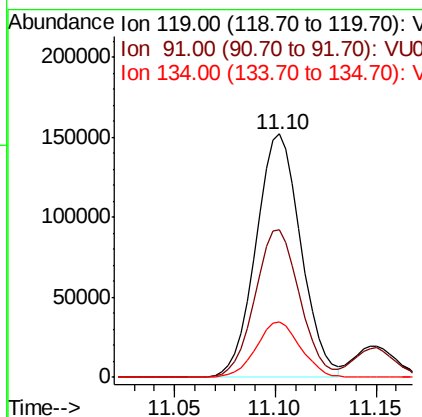
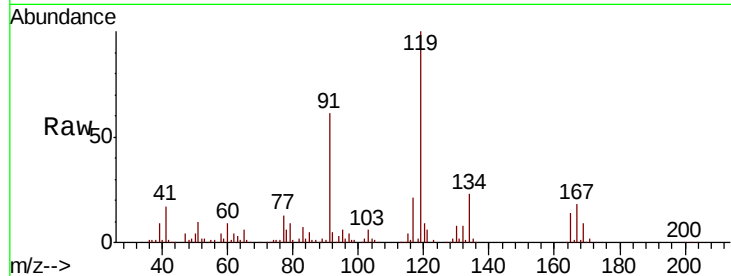
#83
 tert-Butylbenzene
 Concen: 54.816 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	236704		
91	60.6	29.8	89.4	
134	22.4	11.5	34.4	

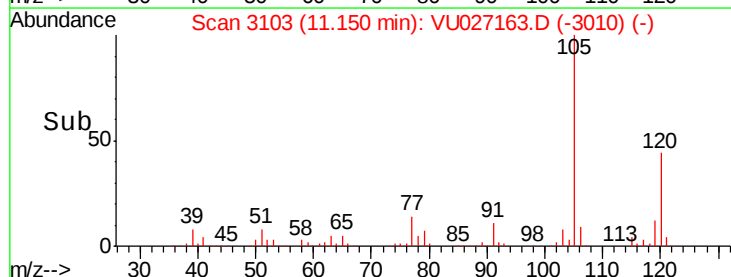
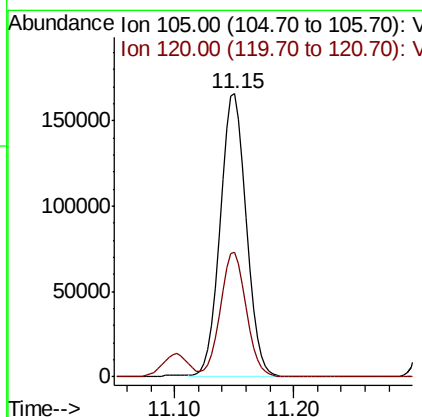
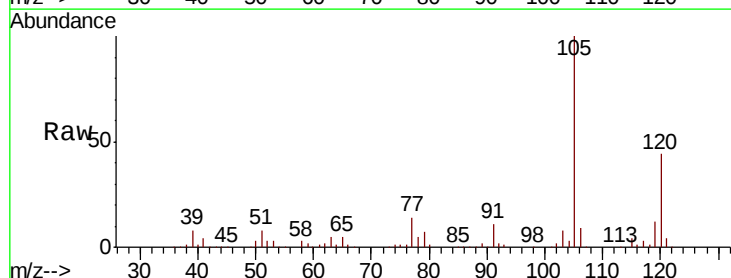
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.748 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252244		
120	43.5	22.4	67.2	





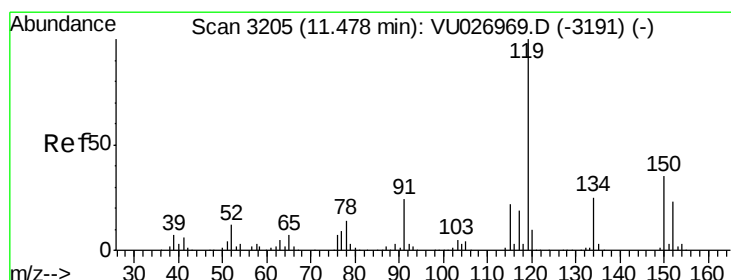
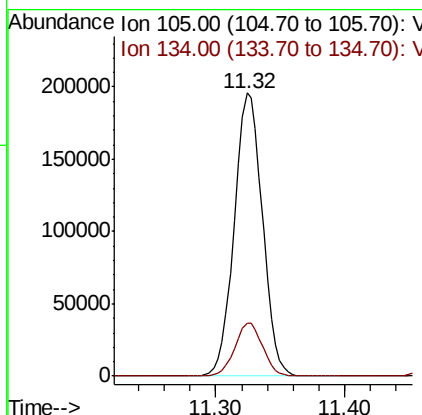
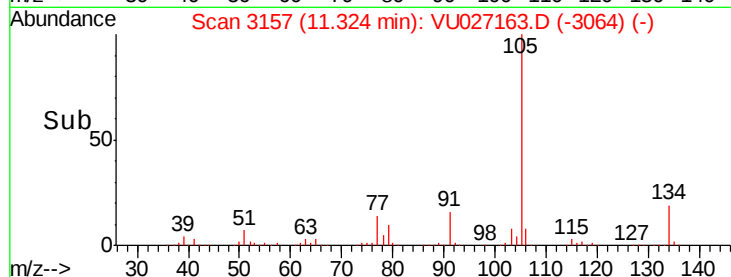
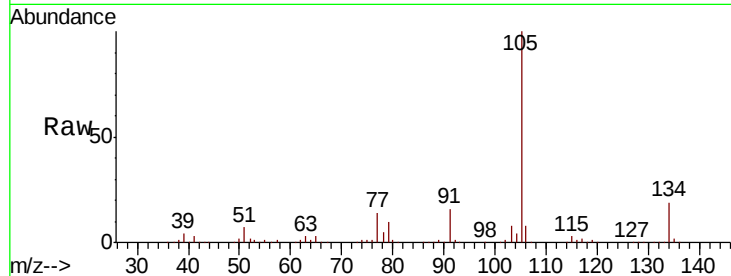
#85
 sec-Butylbenzene
 Concen: 56.386 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.4	28.2

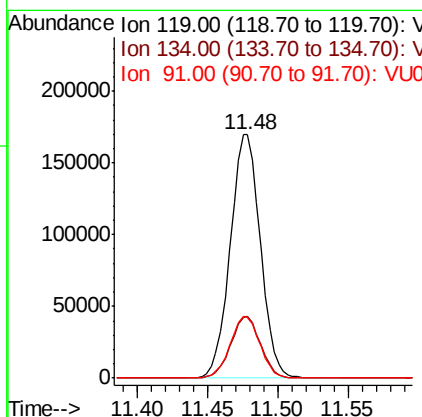
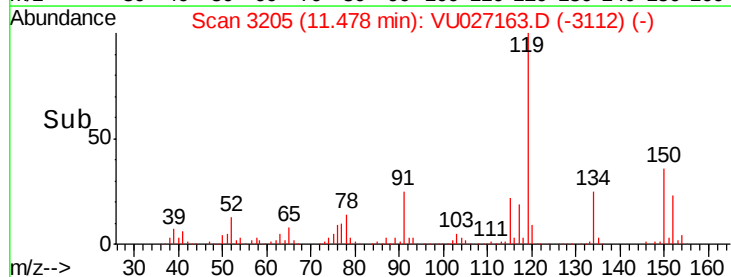
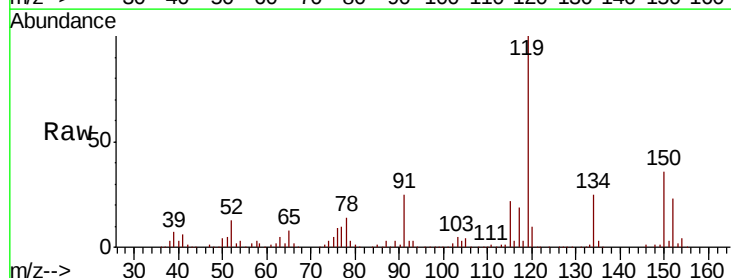
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#86
 p-Isopropyltoluene
 Concen: 51.203 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.3
91	25.1	12.3	36.8





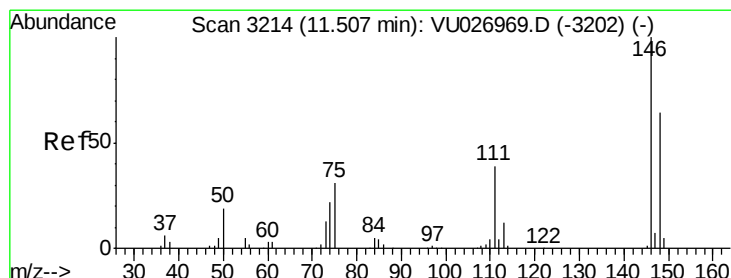
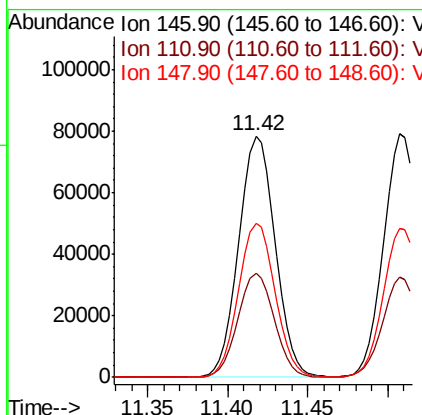
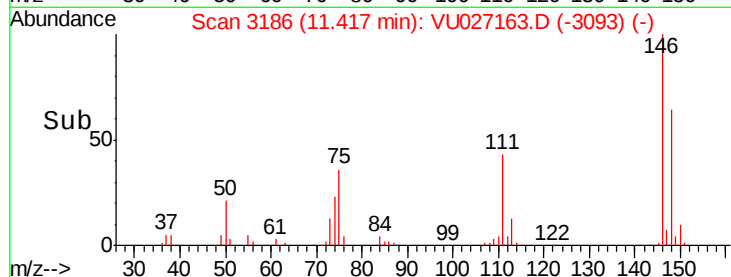
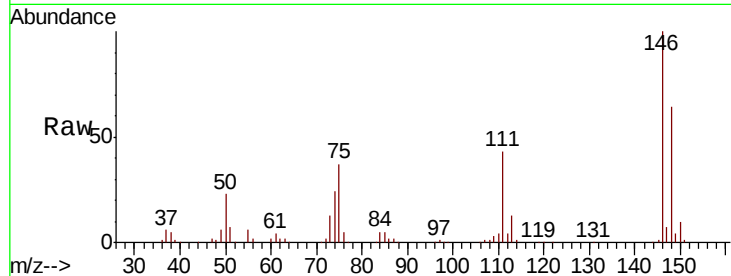
#87
 1,3-Dichlorobenzene
 Concen: 50.622 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.2
148	64.1	32.0	96.2

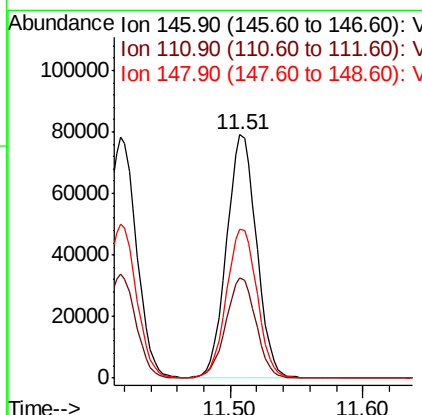
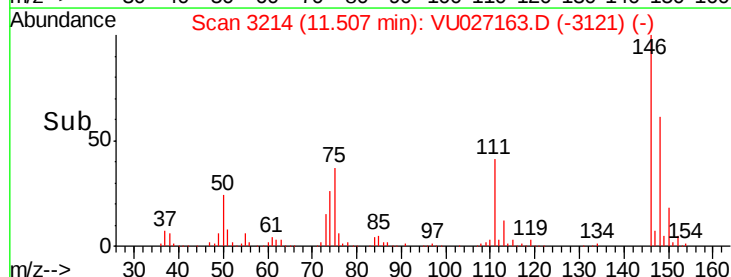
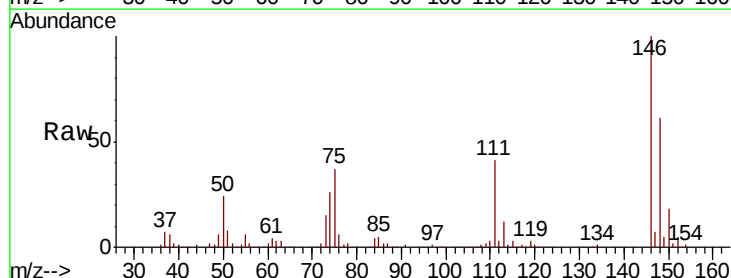
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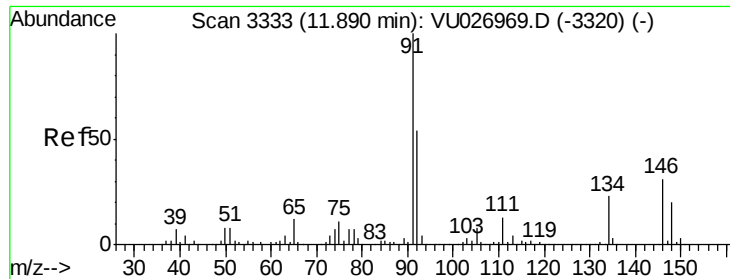
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#88
 1,4-Dichlorobenzene
 Concen: 47.401 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.9
148	62.9	31.9	95.9





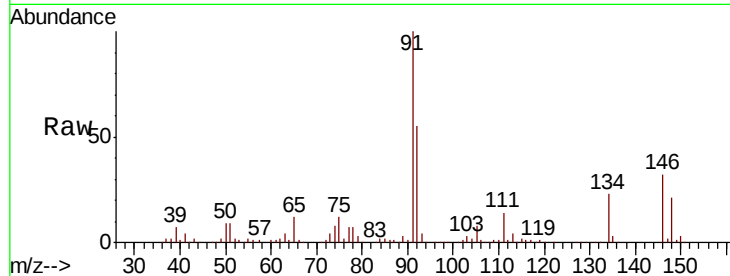
#89
n-Butylbenzene
Concen: 48.782 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	22.8	11.7	35.0

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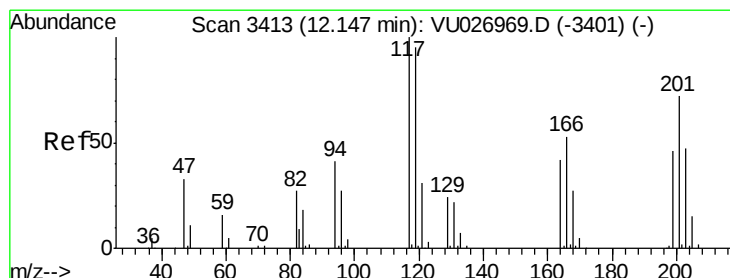
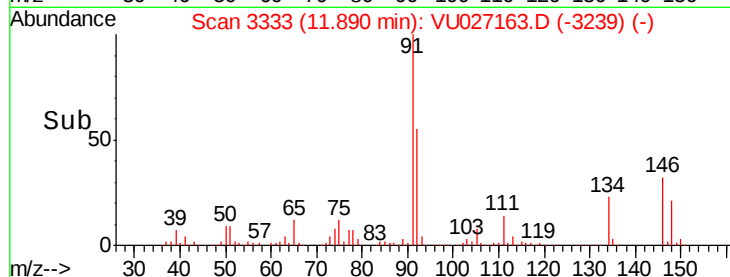
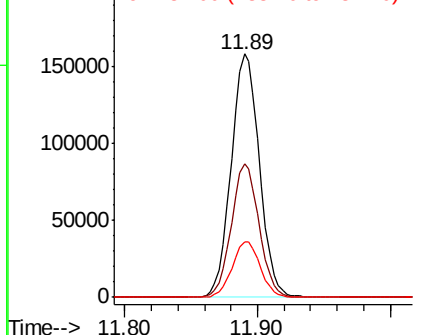


Abundance

Ion 91.00 (90.70 to 91.70): VU026969.D (-3320) (-)

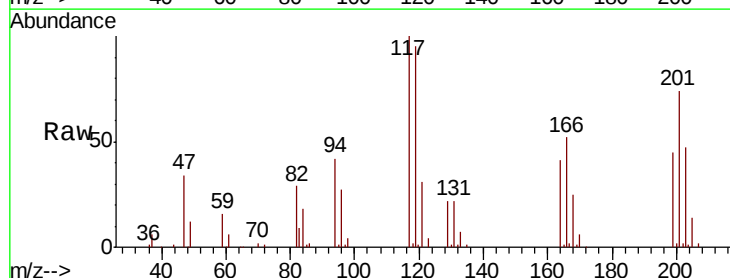
Ion 92.00 (91.70 to 92.70): VU026969.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU026969.D (-3320) (-)



#90
Hexachloroethane
Concen: 49.683 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

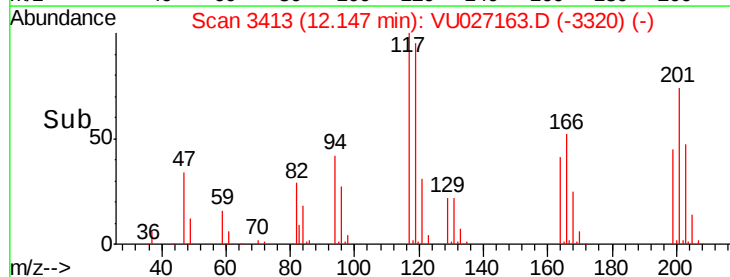
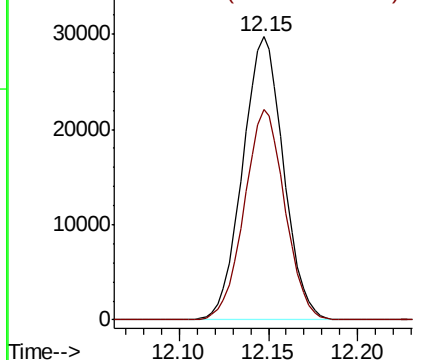
Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.8	36.8	110.3



Abundance

Ion 116.80 (116.50 to 117.50): VU026969.D (-3401) (-)

Ion 200.70 (200.40 to 201.40): VU026969.D (-3401) (-)





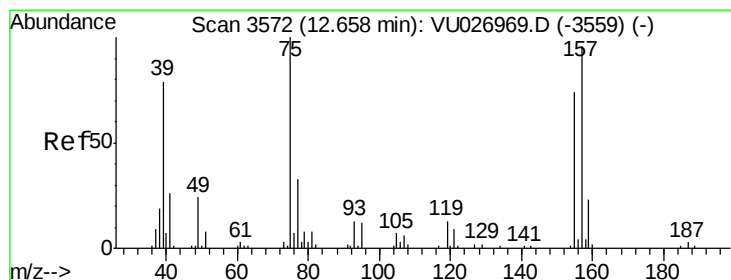
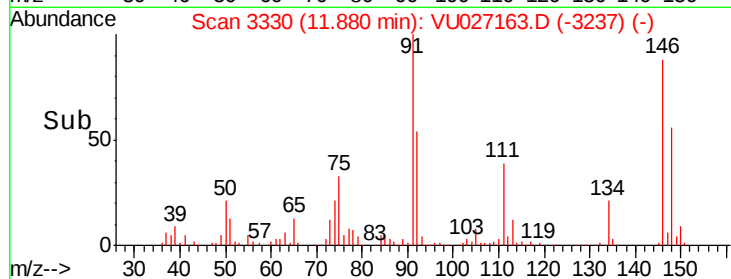
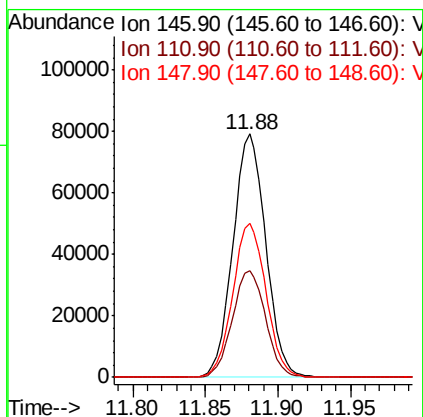
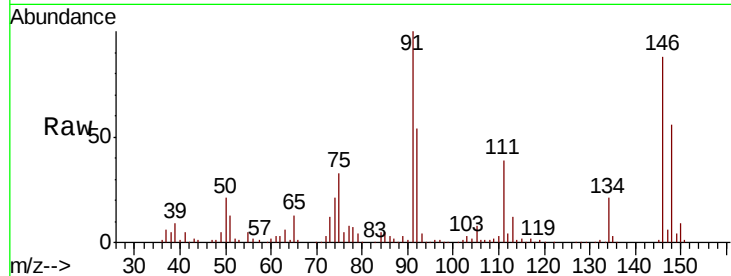
#91
 1,2-Dichlorobenzene
 Concen: 48.649 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.3
148	64.0	31.9	95.7

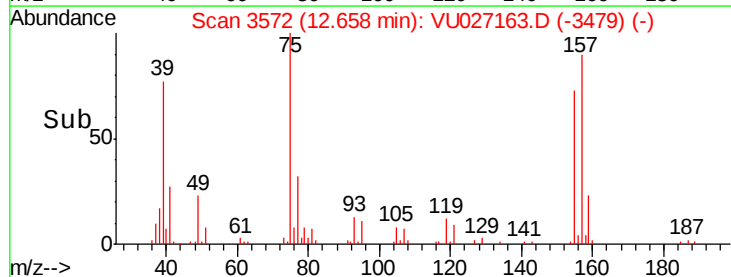
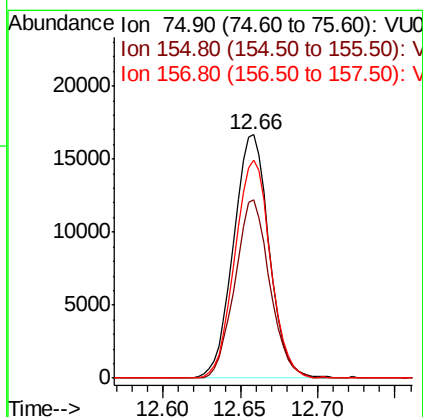
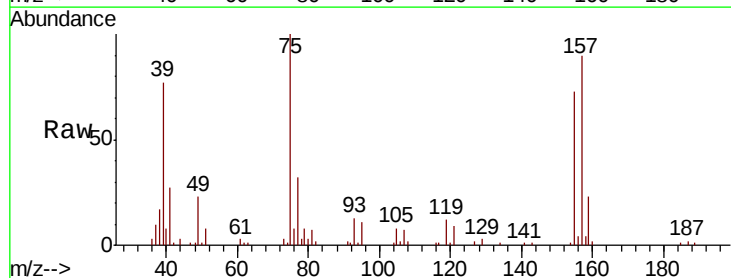
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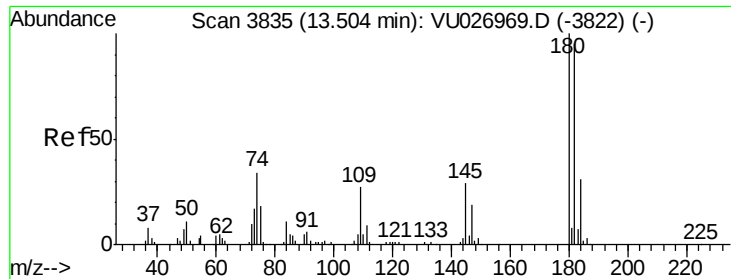
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.856 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	36.6	109.8
157	89.0	47.4	142.2





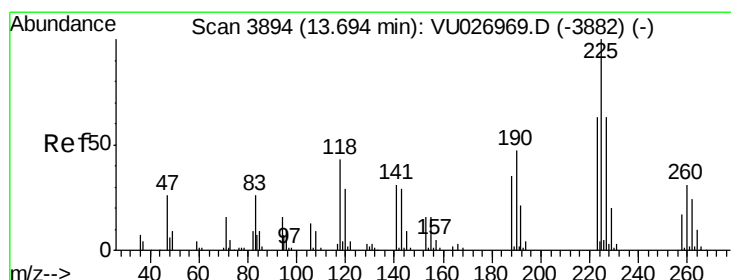
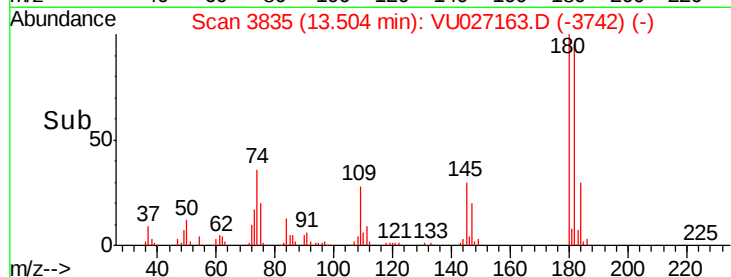
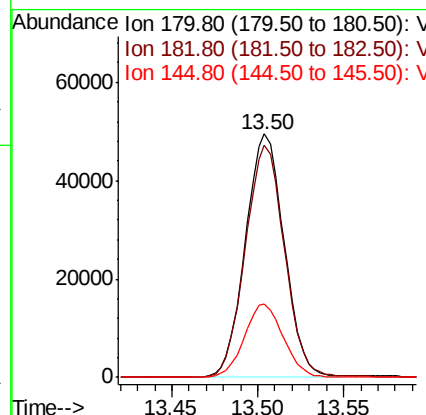
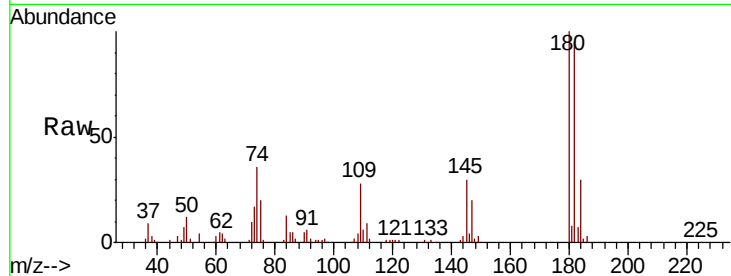
#93
 1,2,4-Trichlorobenzene
 Concen: 52.551 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.2
145	30.4	14.9	44.5

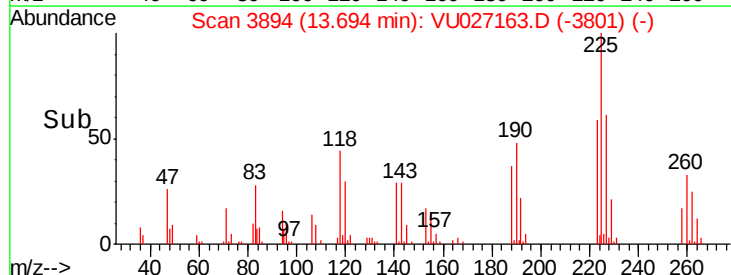
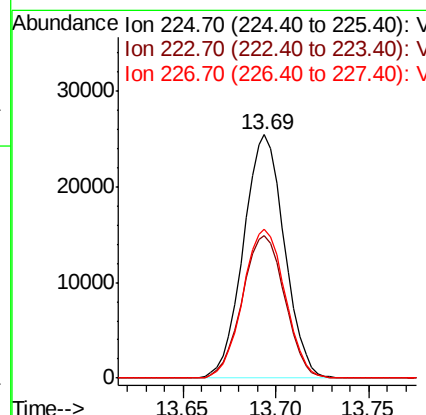
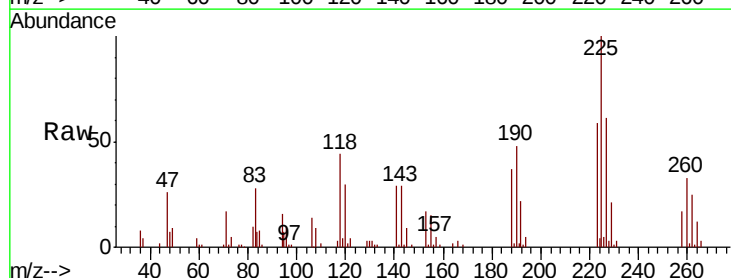
Manual Integrations
 APPROVED

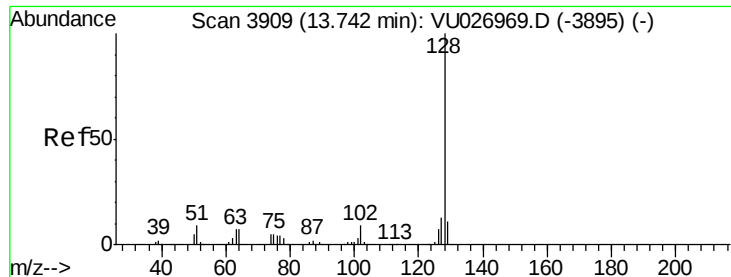
MMDadoda
 9/27/2018 3:33:17 PM



#94
 Hexachlorobutadiene
 Concen: 50.267 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027163.D
 Acq: 26 Sep 2018 09:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.9	95.7
227	62.9	32.1	96.5





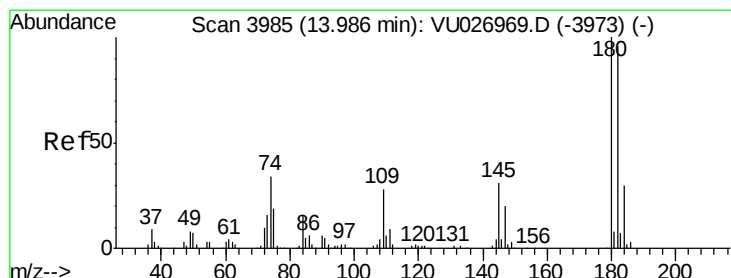
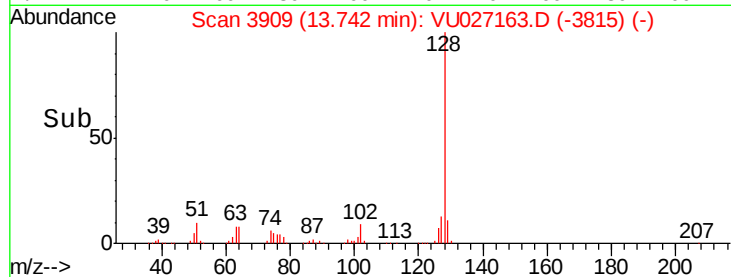
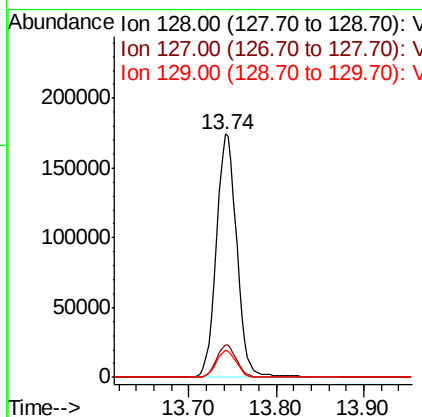
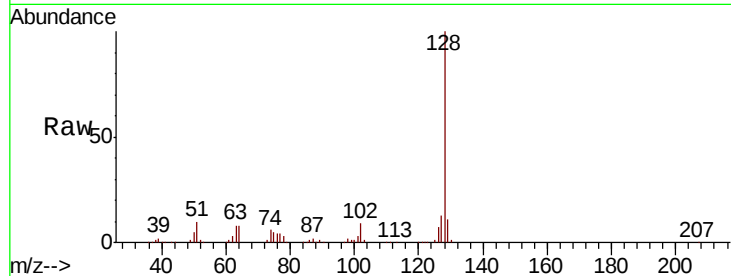
#95
Naphthalene
Concen: 49.160 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	282927
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.9	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 52.972 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027163.D
Acq: 26 Sep 2018 09:19

Tgt Ion:	180	Resp:	83668
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.5	142.5
145	31.5	15.4	46.4

