

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090619\
 Data File : VU034271.D
 Acq On : 05 Sep 2019 09:14
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:21:22 PM

Quant Time: Sep 06 04:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	297228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	436974	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	440694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	256207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3641	1.257	ug/l	89
3) Chloromethane	1.32	50	5264	1.232	ug/l	94
4) Vinyl Chloride	1.40	62	4622	1.203	ug/l	95
6) Chloroethane	1.69	64	3379	1.416	ug/l	97
7) Trichlorofluoromethane	1.88	101	6154	1.346	ug/l	98
8) Diethyl Ether	2.10	74	2642	1.339	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.28	101	4129	1.415	ug/l	99
12) 1,1-Dichloroethene	2.27	96	3756	1.278	ug/l	95
14) Allyl chloride	2.58	41	7155	1.290	ug/l	96
15) Acrylonitrile	2.94	53	11192	5.491	ug/l	95
16) Acetone	2.31	43	13925	7.136	ug/l	95
17) Carbon Disulfide	2.47	76	9013	1.018	ug/l	96
18) Methyl Acetate	2.61	43	7218	1.432	ug/l	91
19) Methyl tert-butyl Ether	2.99	73	12388	1.258	ug/l	94
20) Methylene Chloride	2.69	84	5454	1.485	ug/l	91
21) trans-1,2-Dichloroethene	2.97	96	3841	1.211	ug/l	94
22) Diisopropyl ether	3.56	45	11685	1.131	ug/l #	55
23) Vinyl Acetate	3.52	43	45925	5.220	ug/l	96
24) 1,1-Dichloroethane	3.43	63	8146	1.342	ug/l	99
25) 2-Butanone	4.26	43	13372	4.930	ug/l	96
26) 2,2-Dichloropropane	4.21	77	6597m	1.337	ug/l	
27) cis-1,2-Dichloroethene	4.21	96	4373	1.207	ug/l	92
28) Bromochloromethane	4.53	49	3403	1.131	ug/l #	99
29) Tetrahydrofuran	4.63	42	8642	5.165	ug/l	96
30) Chloroform	4.66	83	8922	1.461	ug/l	86
32) 1,1,1-Trichloroethane	4.90	97	6487	1.306	ug/l #	51
36) 1,1-Dichloropropene	5.12	75	5332	1.288	ug/l #	88
37) Ethyl Acetate	4.38	43	5910m	1.257	ug/l	
38) Carbon Tetrachloride	5.12	117	5931	1.458	ug/l	91
39) Methylcyclohexane	6.39	83	5187	1.082	ug/l	97
40) Benzene	5.37	78	16890	1.331	ug/l	94
41) Methacrylonitrile	4.55	41	2602	1.068	ug/l #	57
42) 1,2-Dichloroethane	5.40	62	5946	1.358	ug/l	97
43) Isopropyl Acetate	5.54	43	8352	1.162	ug/l #	86

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Quant Time: Sep 06 04:27:27 2019
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 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	6.17	130	4630	1.375	ug/l	99
45) 1,2-Dichloropropane	6.42	63	4838	1.372	ug/l	93
46) Dibromomethane	6.55	93	2944	1.297	ug/l	94
47) Bromodichloromethane	6.74	83	6445	1.440	ug/l	94
48) Methyl methacrylate	6.61	41	4342	1.261	ug/l #	81
49) 1,4-Dioxane	6.61	88	1725	20.407	ug/l	97
51) 4-Methyl-2-Pentanone	7.45	43	28329	5.688	ug/l	94
52) Toluene	7.62	92	9527	1.212	ug/l	99
53) t-1,3-Dichloropropene	7.87	75	5855	1.193	ug/l #	83
54) cis-1,3-Dichloropropene	7.25	75	6319	1.175	ug/l	96
55) 1,1,2-Trichloroethane	8.05	97	4669	1.385	ug/l	97
56) Ethyl methacrylate	8.01	69	4513	0.907	ug/l #	86
57) 1,3-Dichloropropane	8.23	76	7326	1.290	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.12	63	6826	3.801	ug/l	95
59) 2-Hexanone	8.36	43	19981	5.321	ug/l	84
60) Dibromochloromethane	8.46	129	4375	1.205	ug/l	86
61) 1,2-Dibromoethane	8.58	107	4235	1.206	ug/l	98
64) Tetrachloroethene	8.21	164	4377	1.449	ug/l	94
65) Chlorobenzene	9.10	112	11387	1.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	4703	1.394	ug/l #	64
67) Ethyl Benzene	9.23	91	17851	1.149	ug/l	95
68) m/p-Xylenes	9.36	106	11955	2.016	ug/l	94
69) o-Xylene	9.77	106	6143	1.078	ug/l	97
70) Styrene	9.78	104	9662	0.984	ug/l	98
71) Bromoform	9.95	173	3625	1.233	ug/l #	96
73) Isopropylbenzene	10.15	105	16212	0.966	ug/l	98
74) N-amyl acetate	10.01	43	5638	0.805	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	10.44	83	7748	1.193	ug/l	98
76) 1,2,3-Trichloropropane	10.48	75	5910m	1.057	ug/l	
77) Bromobenzene	10.44	156	4984	1.095	ug/l	93
78) n-propylbenzene	10.57	91	17891	0.915	ug/l	98
79) 2-Chlorotoluene	10.64	91	11560	0.984	ug/l	97
80) 1,3,5-Trimethylbenzene	10.76	105	11681	0.821	ug/l	96
82) 4-Chlorotoluene	10.76	91	12760	0.942	ug/l	98
83) tert-Butylbenzene	11.08	119	13190	0.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	11925	0.844	ug/l	97
85) sec-Butylbenzene	11.31	105	14185	0.845	ug/l	97
86) p-Isopropyltoluene	11.46	119	13203	0.868	ug/l	94
87) 1,3-Dichlorobenzene	11.40	146	8956	1.107	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	10325m	1.258	ug/l	
89) n-Butylbenzene	11.87	91	10447	0.780	ug/l	91
90) Hexachloroethane	12.13	117	2476	0.952	ug/l	95
91) 1,2-Dichlorobenzene	11.87	146	8693	1.118	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1010m	0.785	ug/l	
93) 1,2,4-Trichlorobenzene	13.51	180	2568m	0.540	ug/l	
94) Hexachlorobutadiene	13.67	225	3061	1.025	ug/l	95
95) Naphthalene	13.76	128	6048m	0.461	ug/l	
96) 1,2,3-Trichlorobenzene	13.98	180	3823m	0.766	ug/l	

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ClientSampleId :
VSTDICC001

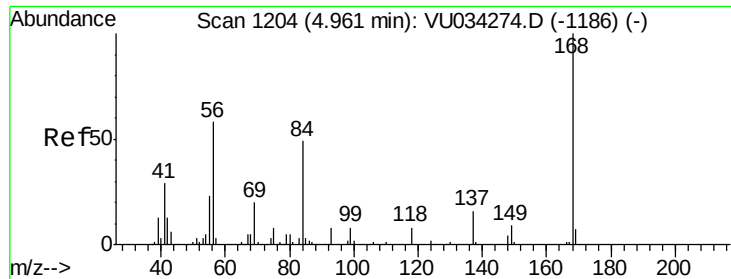
Manual Integrations
APPROVED

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Quant Time: Sep 06 04:27:27 2019
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Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 297228

Ion Ratio Lower Upper

168 100

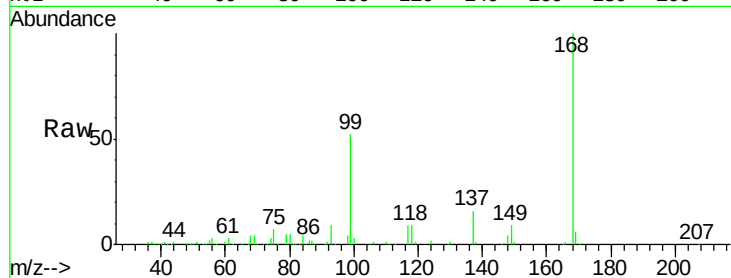
99 51.9 41.6 62.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU034271.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034271.D (-1186) (-)

4.96

150000

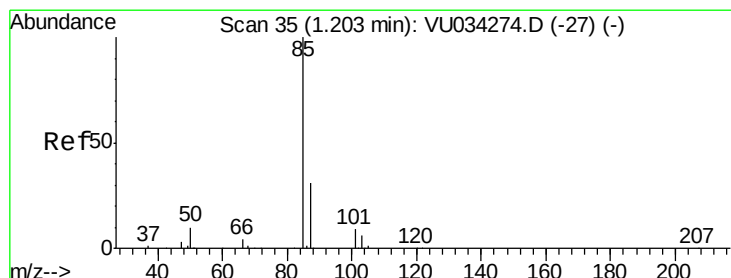
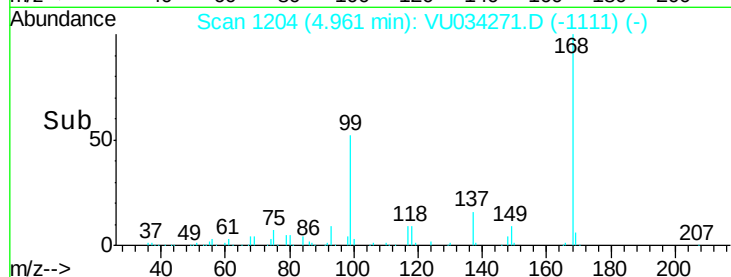
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 1.257 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034271.D

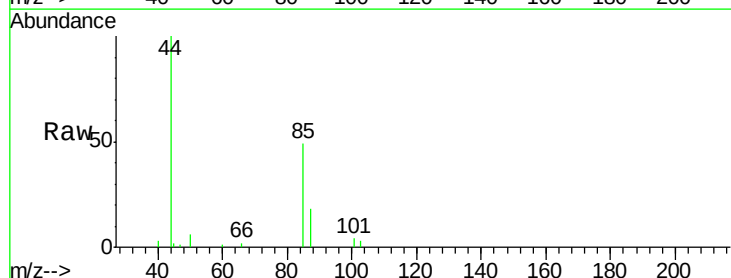
Acq: 05 Sep 2019 09:14

Tgt Ion: 85 Resp: 3641

Ion Ratio Lower Upper

85 100

87 37.3 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034271.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034271.D (-27) (-)

1.20

4000

3000

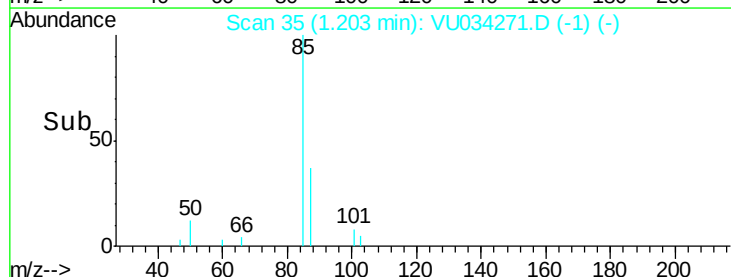
2000

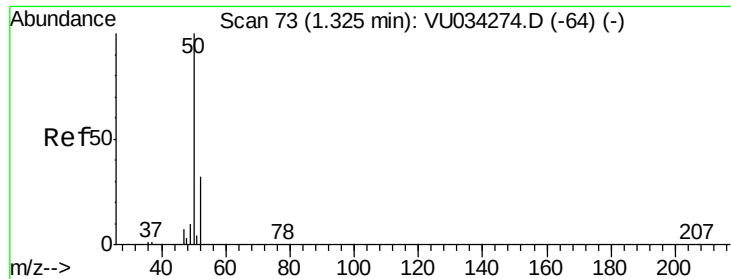
1000

0

1.18 1.20 1.22 1.24

Time-->





#3

Chloromethane

Concen: 1.232 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5264

Ion Ratio Lower Upper

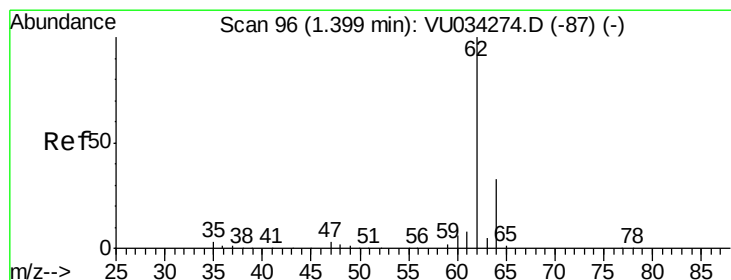
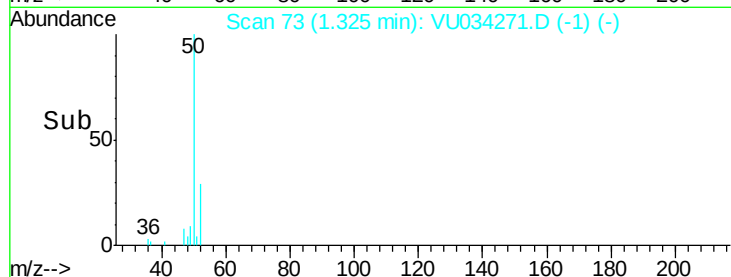
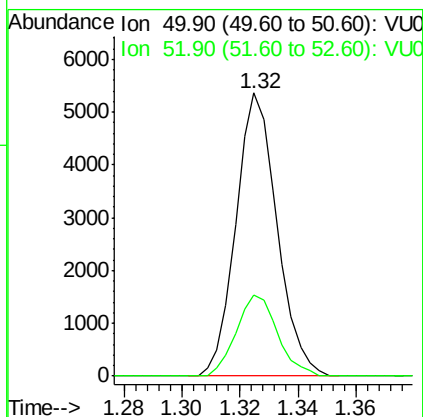
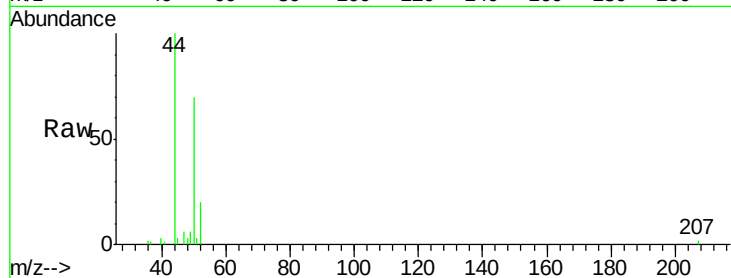
50 100

52 28.7 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 1.203 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034271.D

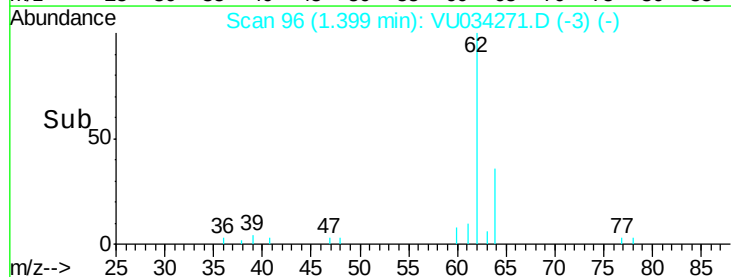
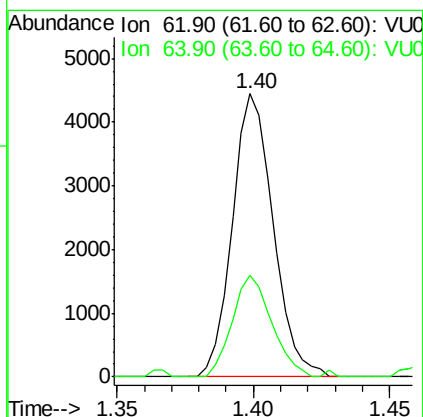
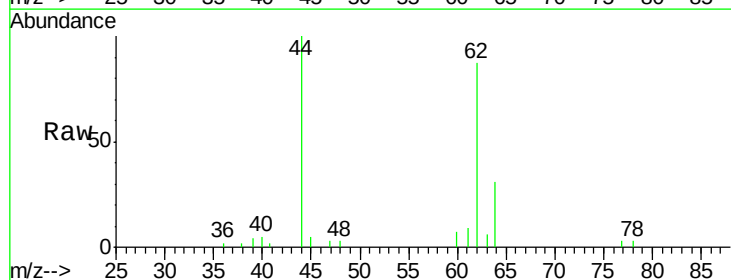
Acq: 05 Sep 2019 09:14

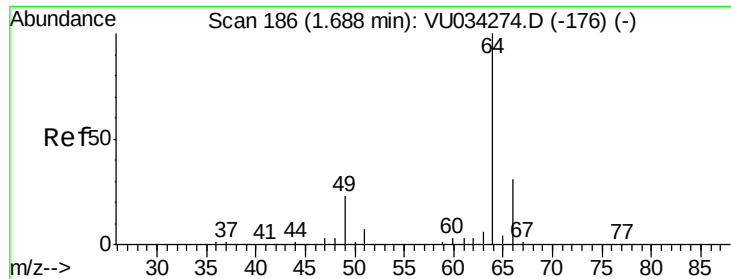
Tgt Ion: 62 Resp: 4622

Ion Ratio Lower Upper

62 100

64 35.7 26.2 39.4





#6

Chloroethane

Concen: 1.416 ug/l

RT: 1.69 min Scan# 188

Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3379

Ion Ratio Lower Upper

64 100

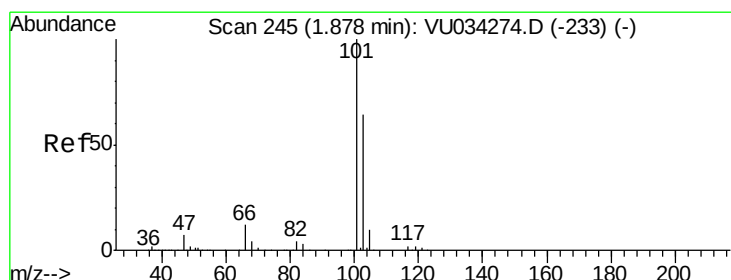
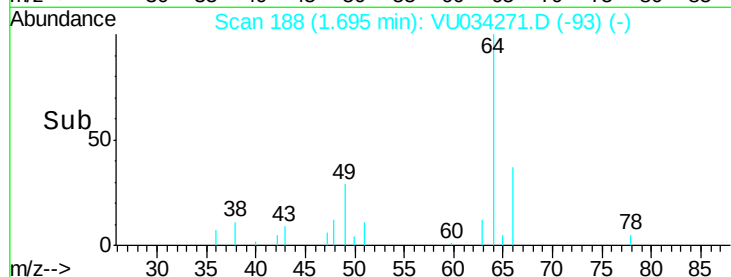
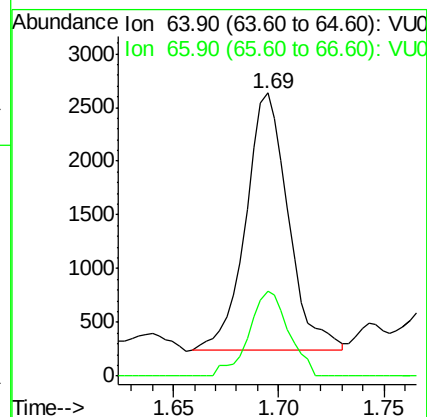
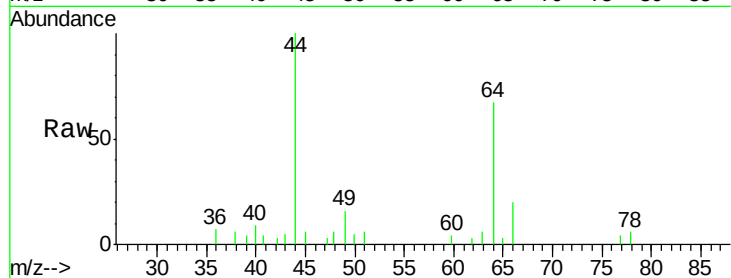
66 32.9 25.0 37.6

Manual Integrations

APPROVED

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#7

Trichlorofluoromethane

Concen: 1.346 ug/l

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU034271.D

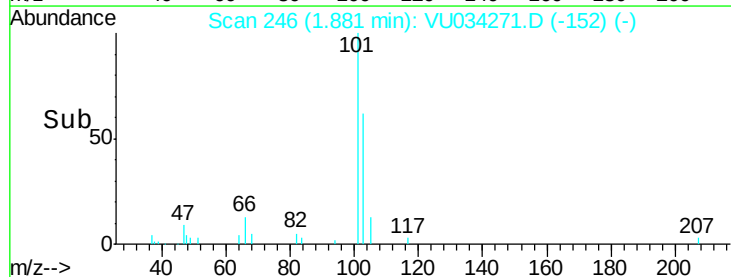
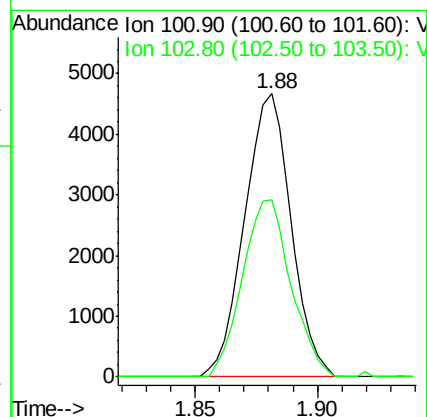
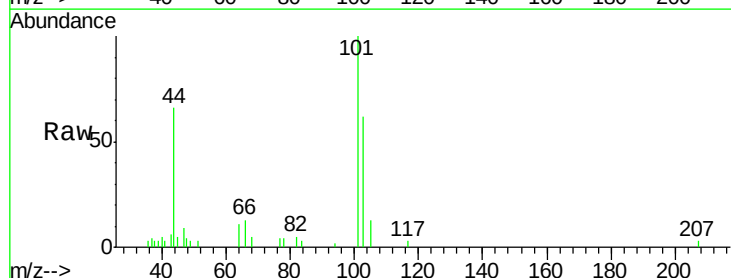
Acq: 05 Sep 2019 09:14

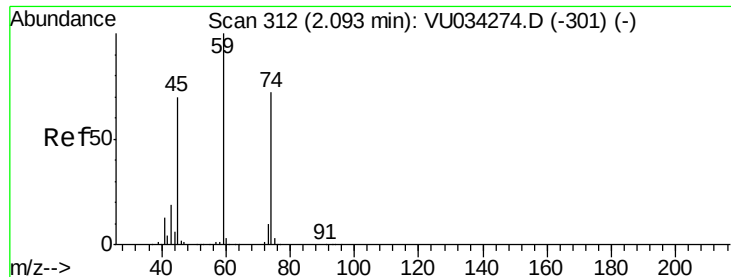
Tgt Ion: 101 Resp: 6154

Ion Ratio Lower Upper

101 100

103 62.4 51.0 76.6





#8

Diethyl Ether

Concen: 1.339 ug/l

RT: 2.10 min Scan# 313

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2642

Ion Ratio Lower Upper

74 100

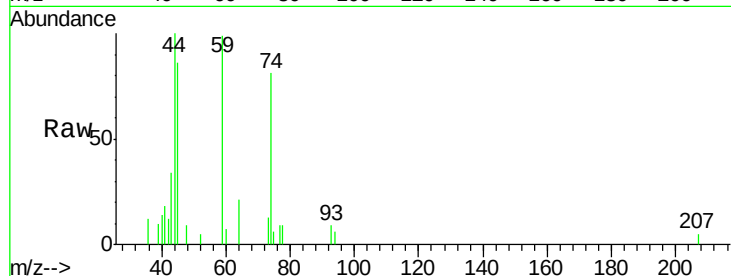
45 104.0 48.2 144.6

Manual Integrations

APPROVED

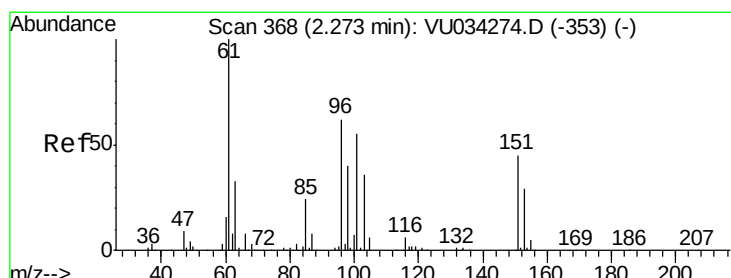
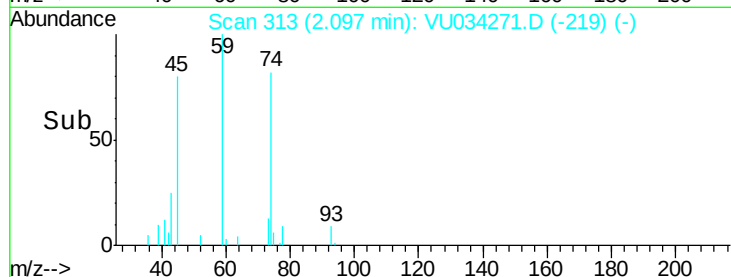
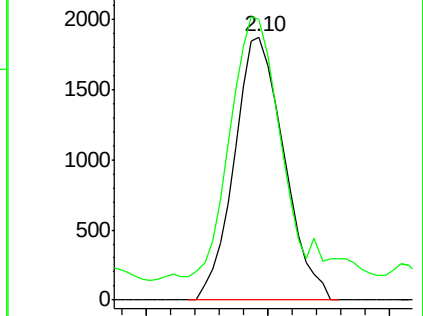
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Abundance Ion 74.00 (73.70 to 74.70): VU034271.D (-219) (-)

Ion 45.00 (44.70 to 45.70): VU034271.D (-219) (-)



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.415 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

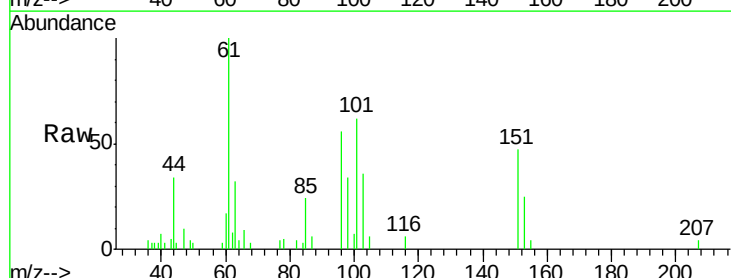
Tgt Ion: 101 Resp: 4129

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

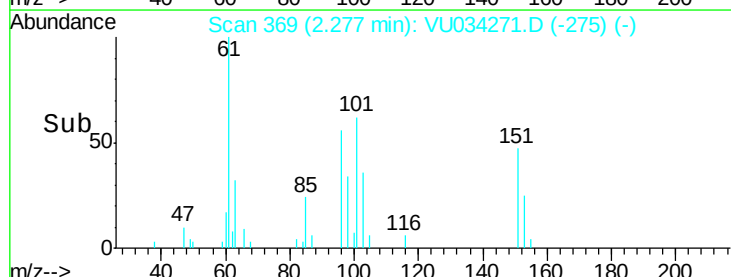
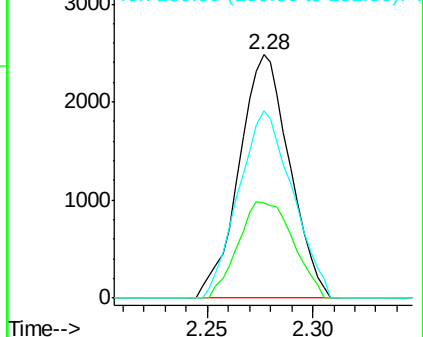
151 81.9 64.4 96.6

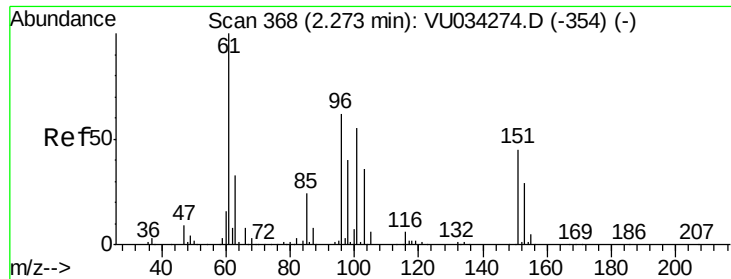


Abundance Ion 100.90 (100.60 to 101.60): VU034271.D (-275) (-)

Ion 84.90 (84.60 to 85.60): VU034271.D (-275) (-)

Ion 150.80 (150.50 to 151.50): VU034271.D (-275) (-)





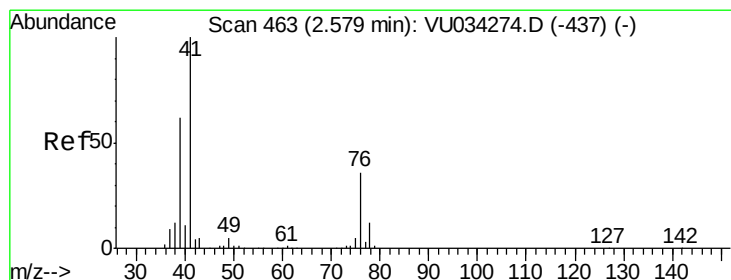
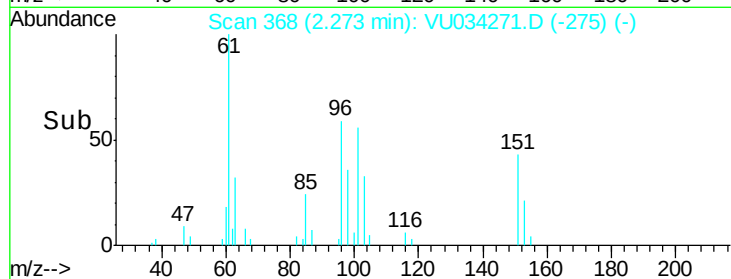
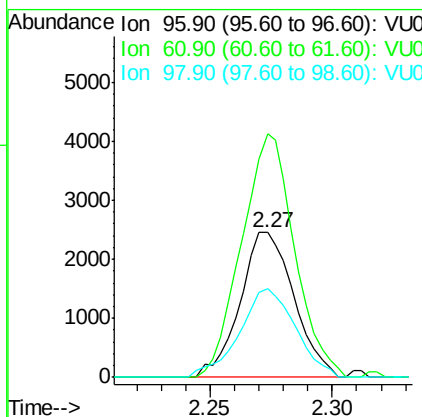
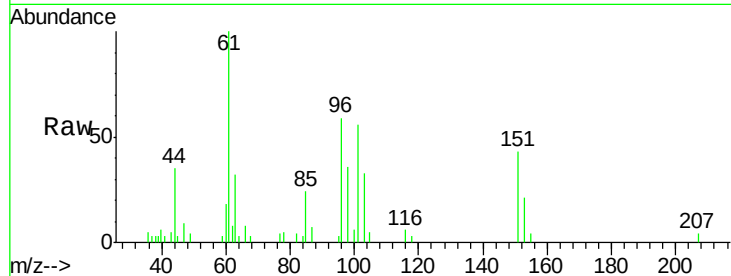
#12
 1,1-Dichloroethene
 Concen: 1.278 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.2	130.0	195.0
98	61.1	52.2	78.4

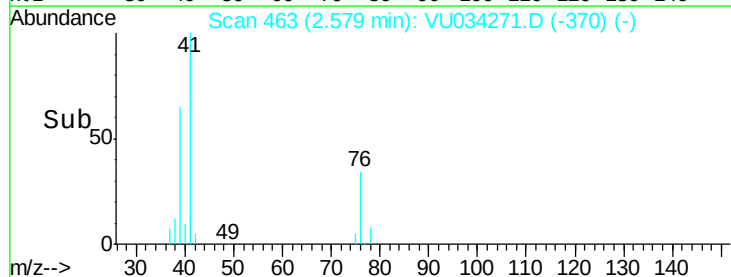
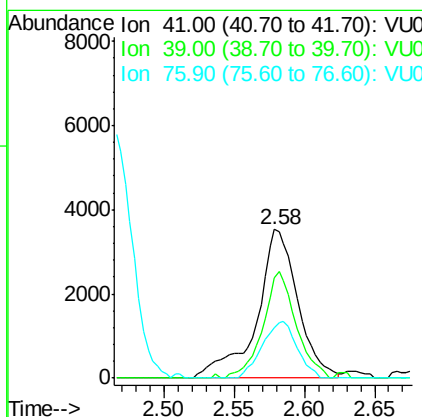
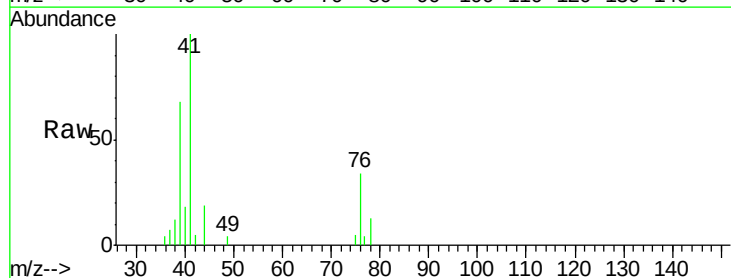
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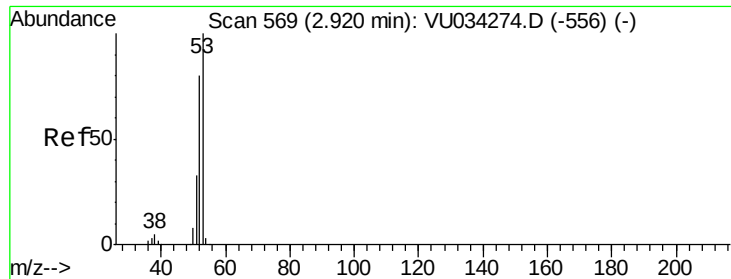
MMDadoda
 9/6/2019 3:21:22 PM



#14
 Allyl chloride
 Concen: 1.290 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.5	65.3
76	32.4	27.0	40.6





#15

Acrylonitrile

Concen: 5.491 ug/l

RT: 2.94 min Scan# 574

Delta R.T. 0.02 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

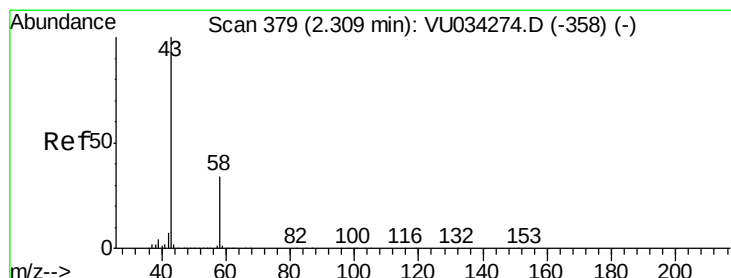
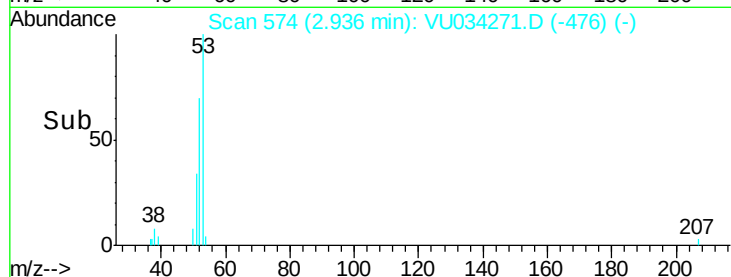
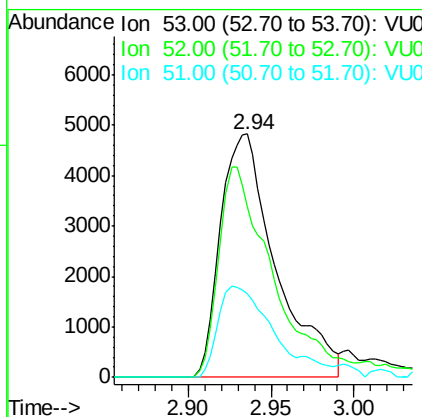
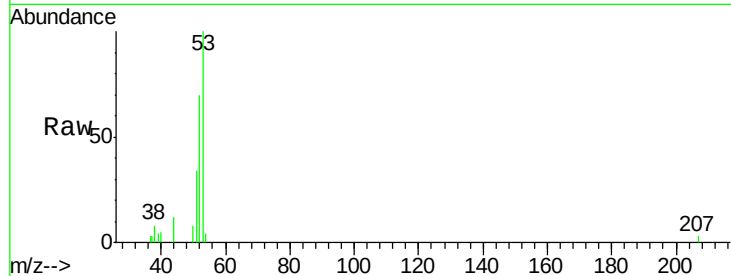
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	11192
Ion	Ratio	Lower	Upper
53	100		
52	84.6	64.1	96.1
51	37.7	27.4	41.0

Manual Integrations
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#16

Acetone

Concen: 7.136 ug/l

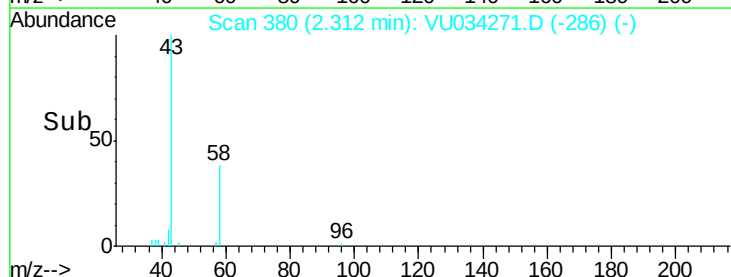
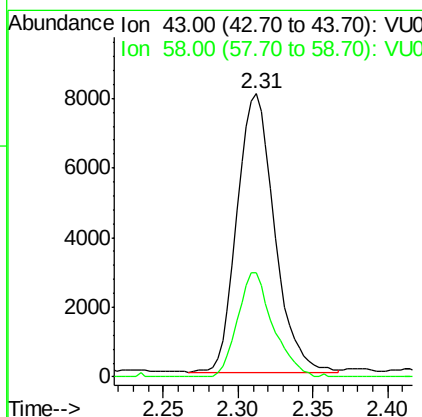
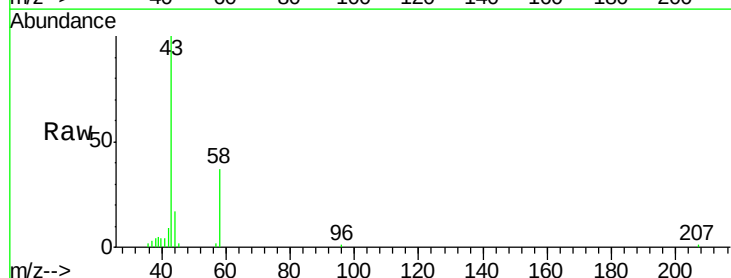
RT: 2.31 min Scan# 380

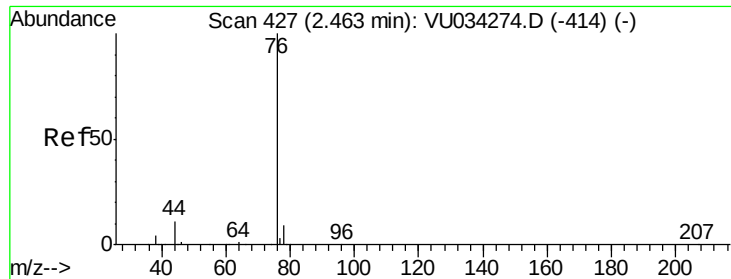
Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion:	43	Resp:	13925
Ion	Ratio	Lower	Upper
43	100		
58	37.6	27.6	41.4





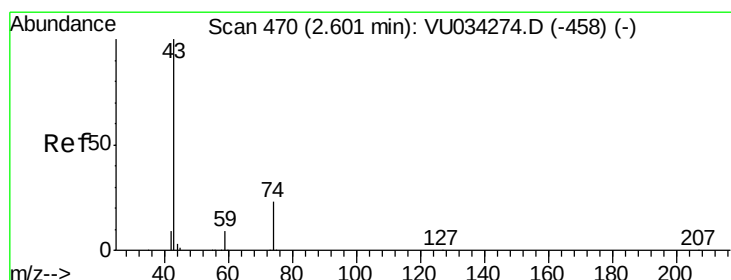
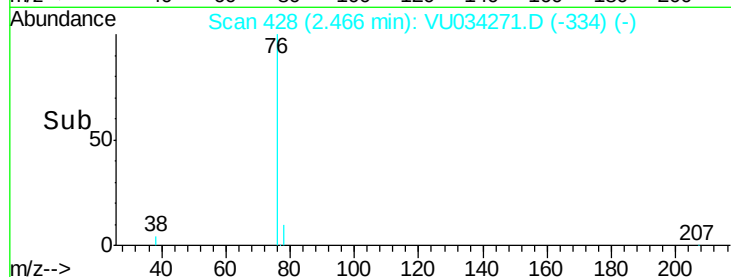
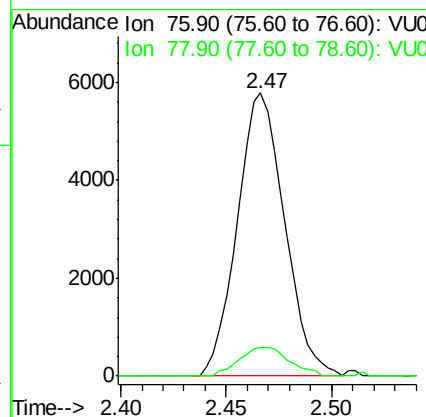
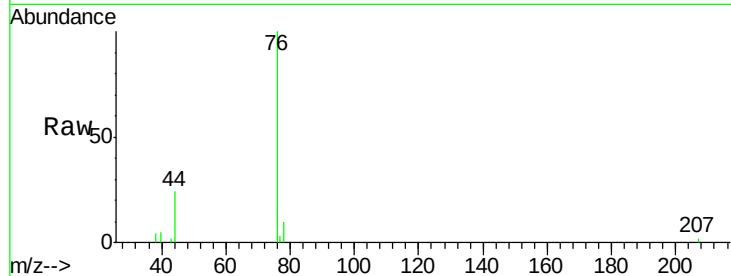
#17
Carbon Disulfide
Concen: 1.018 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.2	10.8

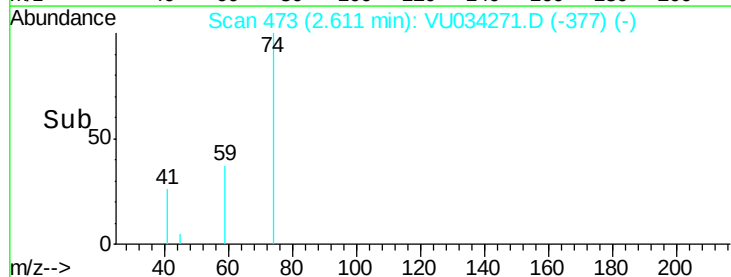
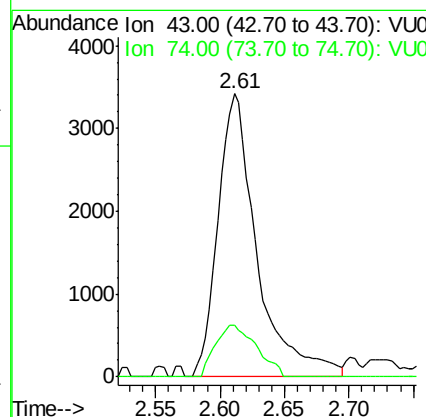
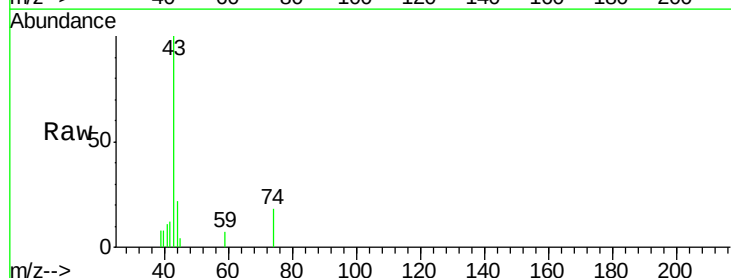
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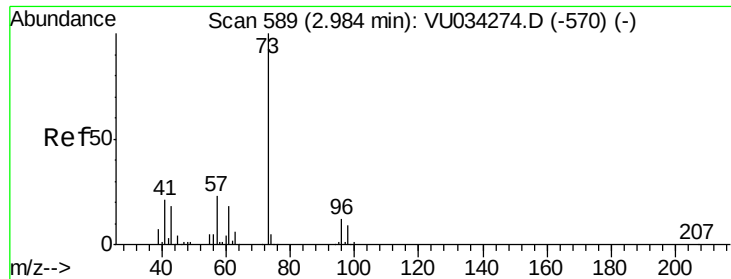
MMDadoda
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#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 2.61 min Scan# 473
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	18.9	28.3





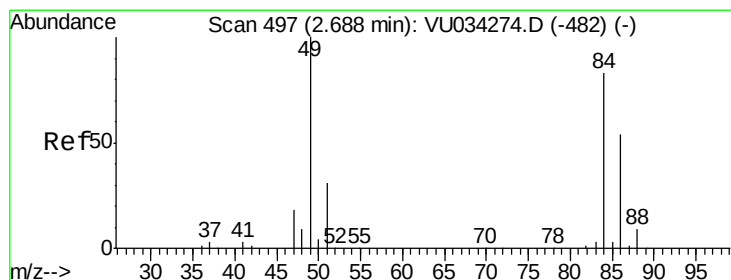
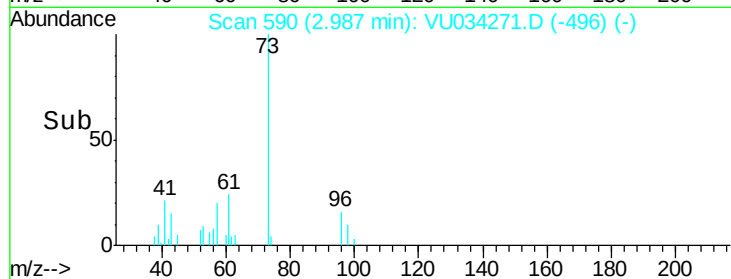
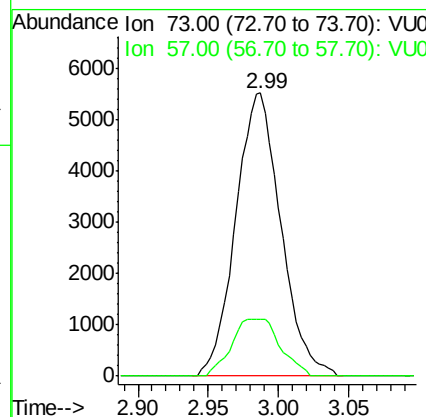
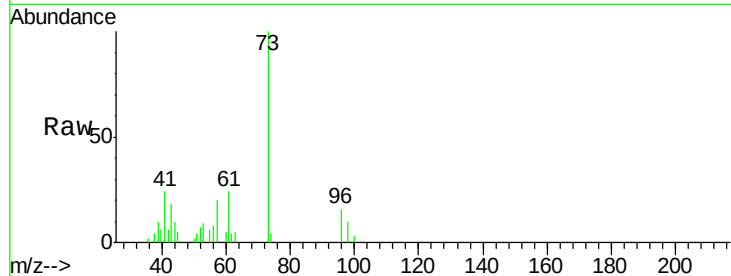
#19
Methyl tert-butyl Ether
Concen: 1.258 ug/l
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	18.2	27.4

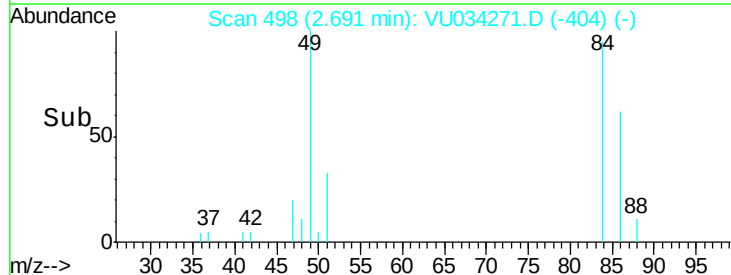
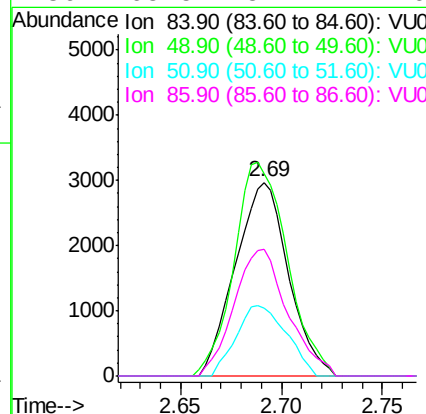
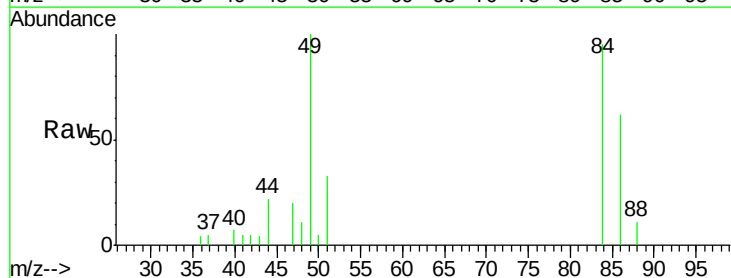
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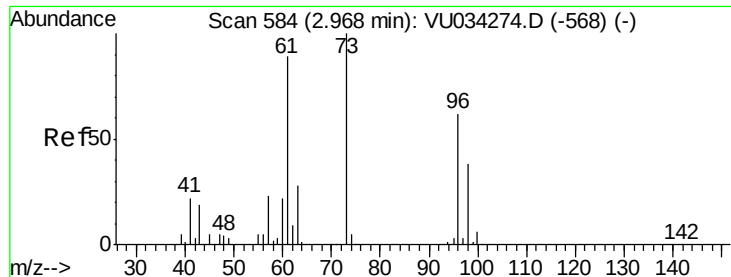
MMDadoda
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#20
Methylene Chloride
Concen: 1.485 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.8	96.0	144.0
51	35.0	30.0	45.0
86	65.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 1.211 ug/l

RT: 2.97 min Scan# 585

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 3841

Ion Ratio Lower Upper

96 100

61 134.3 114.8 172.2

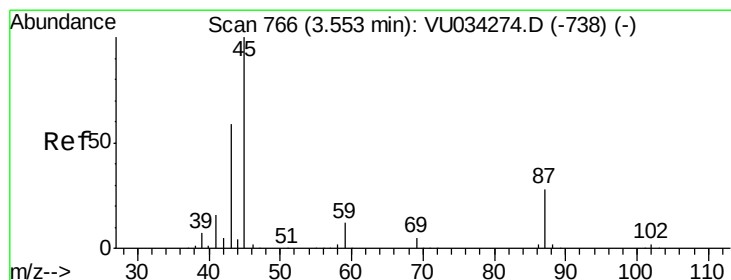
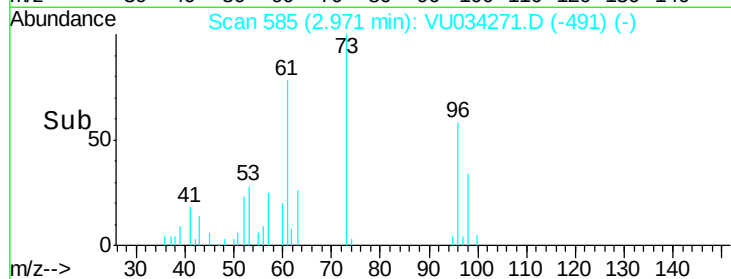
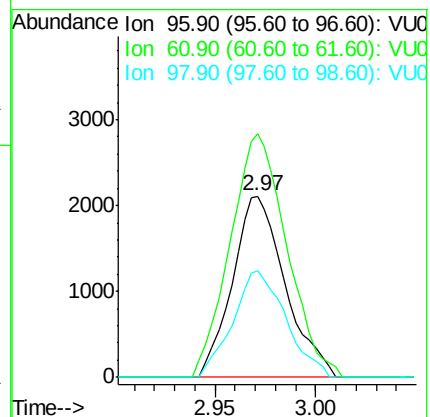
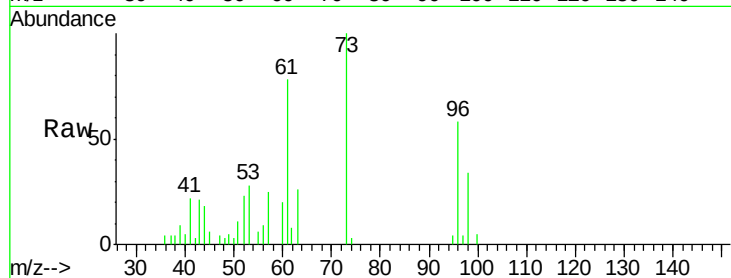
98 59.1 49.8 74.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 1.131 ug/l

RT: 3.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion: 45 Resp: 11685

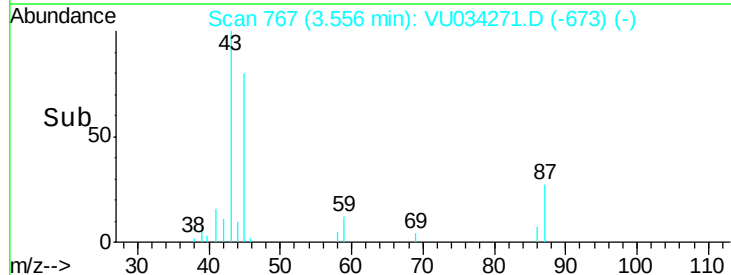
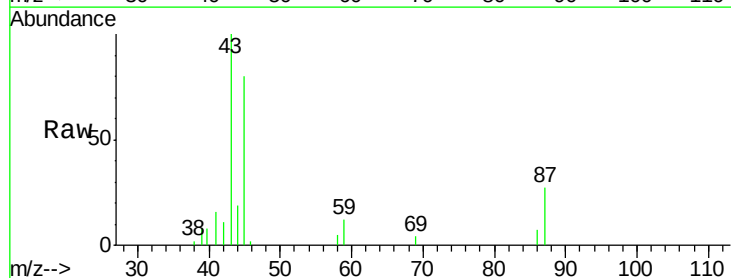
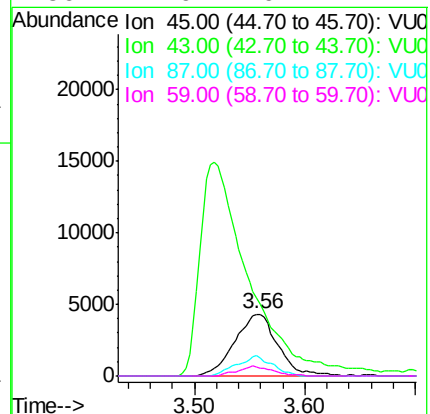
Ion Ratio Lower Upper

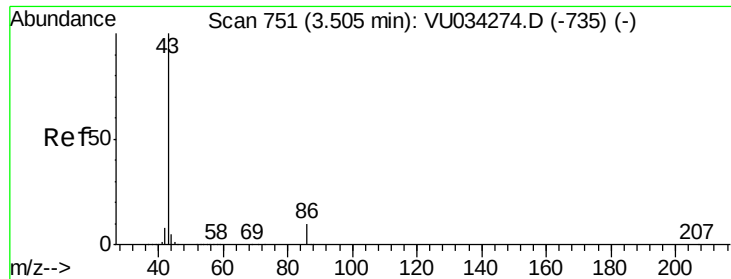
45 100

43 110.8 47.5 71.3#

87 33.7 22.2 33.4#

59 14.9 9.4 14.2#





#23

Vinyl Acetate

Concen: 5.220 ug/l

RT: 3.52 min Scan# 755

Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 45925

Ion Ratio Lower Upper

43 100

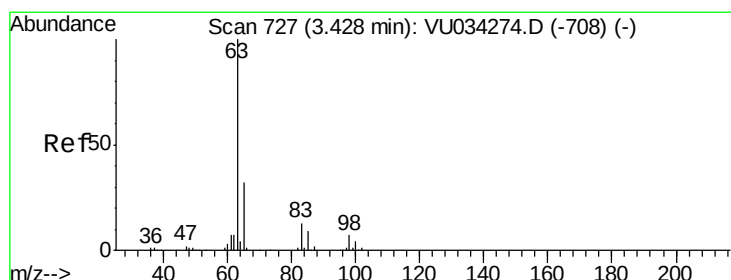
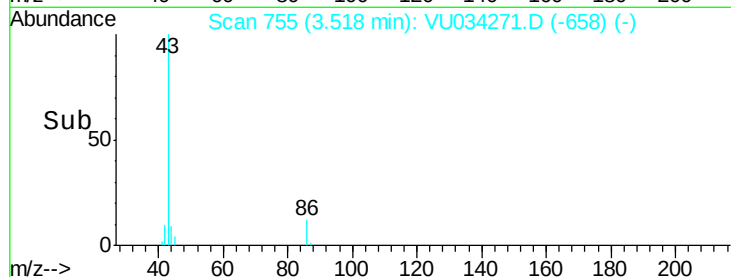
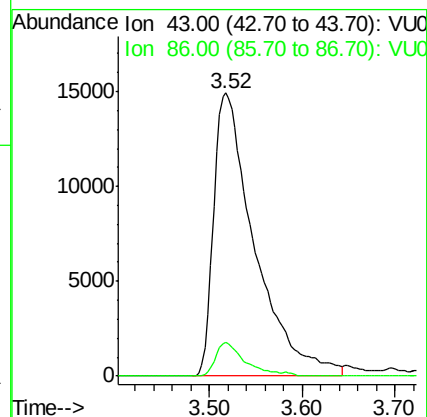
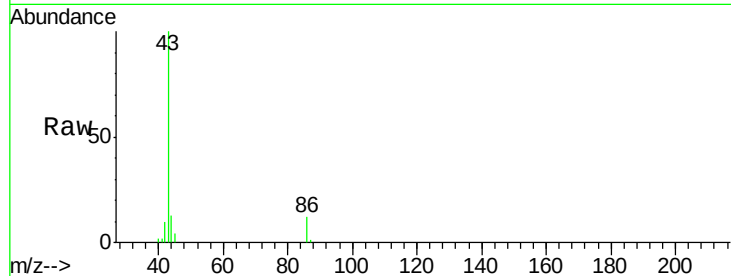
86 11.9 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.342 ug/l

RT: 3.43 min Scan# 728

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

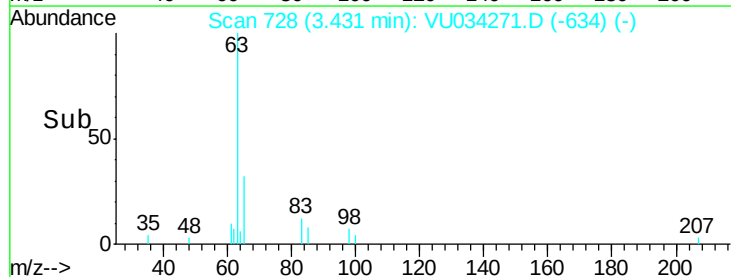
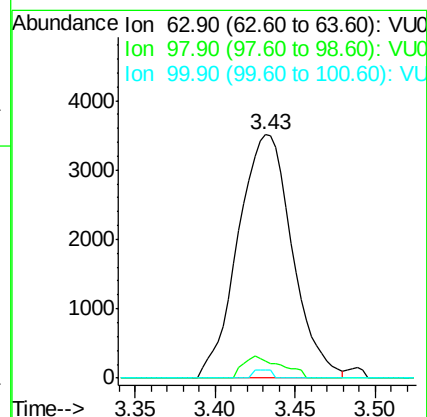
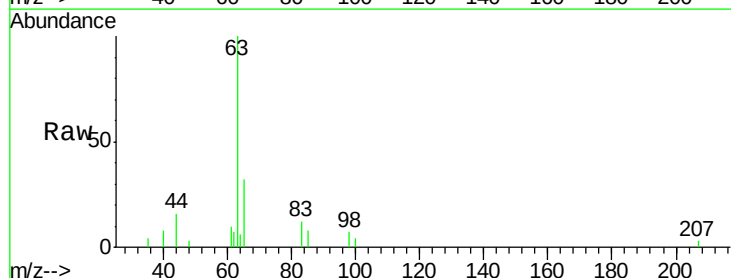
Tgt Ion: 63 Resp: 8146

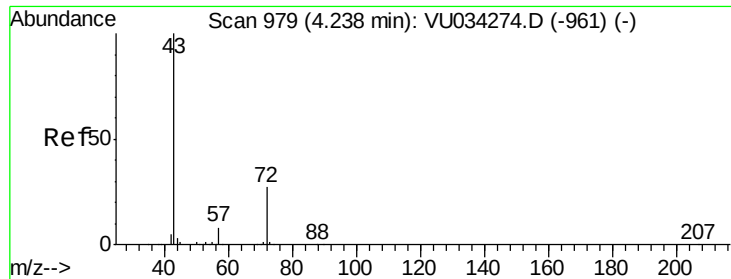
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 4.930 ug/l

RT: 4.26 min Scan# 987

Delta R.T. 0.03 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 13372

Ion Ratio Lower Upper

43 100

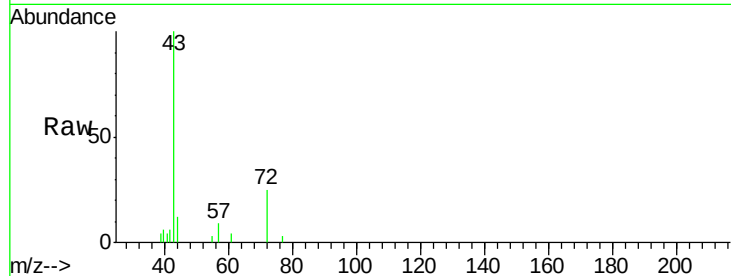
72 25.2 21.8 32.6

Manual Integrations

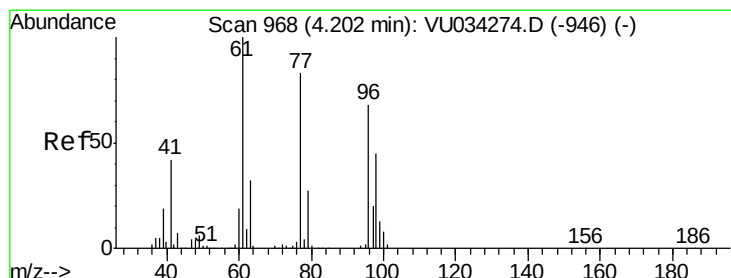
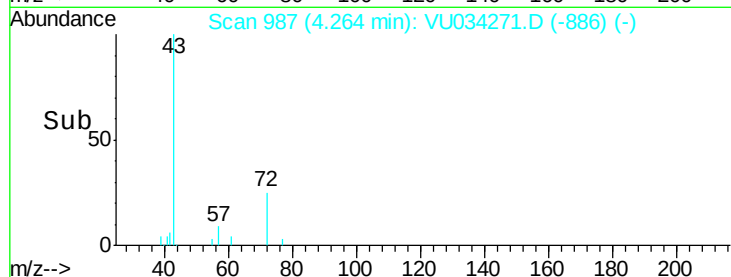
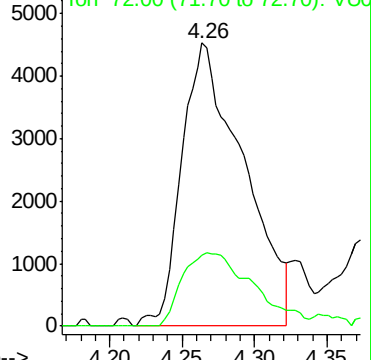
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Abundance Ion 43.00 (42.70 to 43.70): VU034271.D (-961) (-)



#26

2,2-Dichloropropane

Concen: 1.337 ug/l m

RT: 4.21 min Scan# 971

Delta R.T. 0.01 min

Lab File: VU034271.D

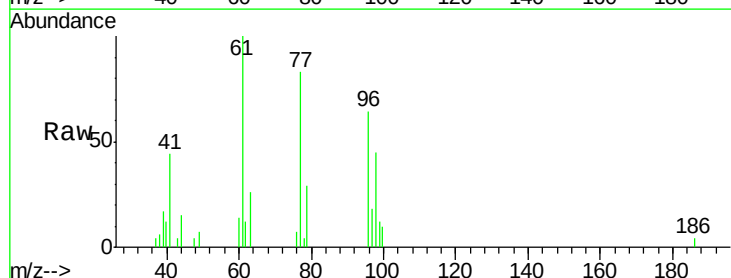
Acq: 05 Sep 2019 09:14

Tgt Ion: 77 Resp: 6597

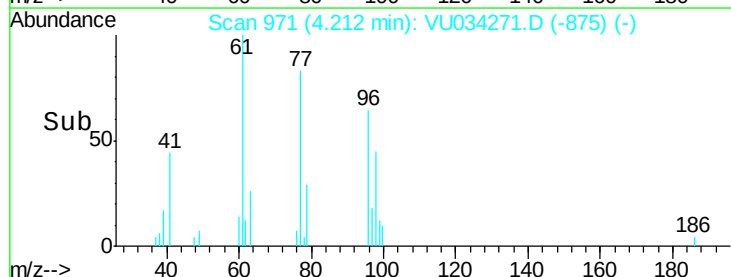
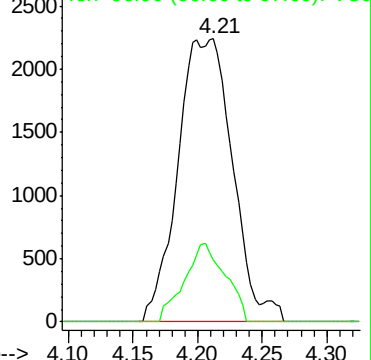
Ion Ratio Lower Upper

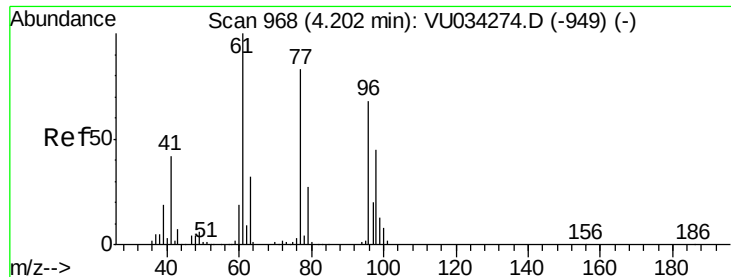
77 100

97 20.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034271.D (-946) (-)





#27

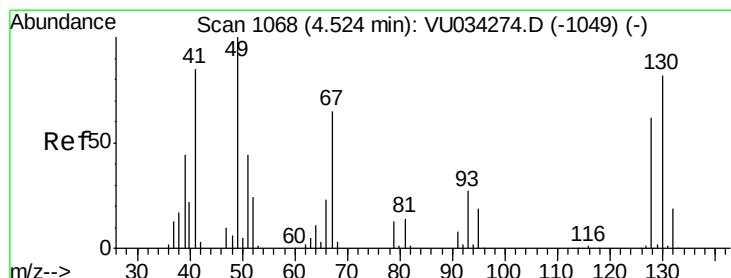
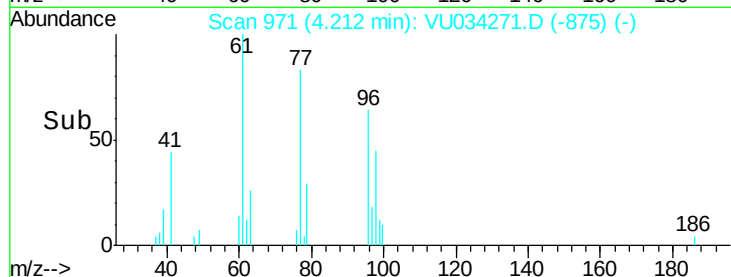
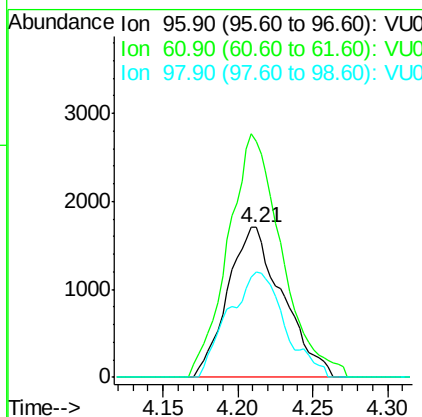
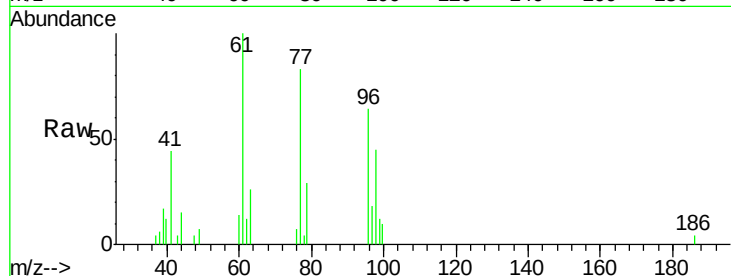
cis-1,2-Dichloroethene
Concen: 1.207 ug/l
RT: 4.21 min Scan# 971
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	297.4
98	71.4	0.0	130.0

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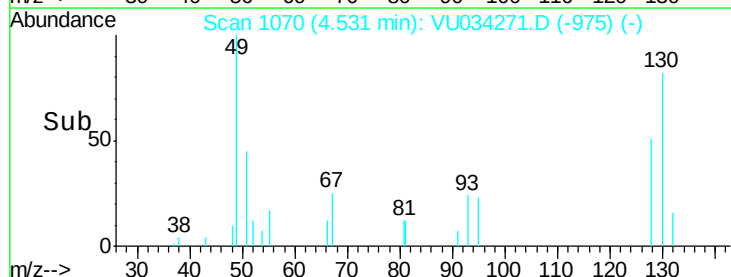
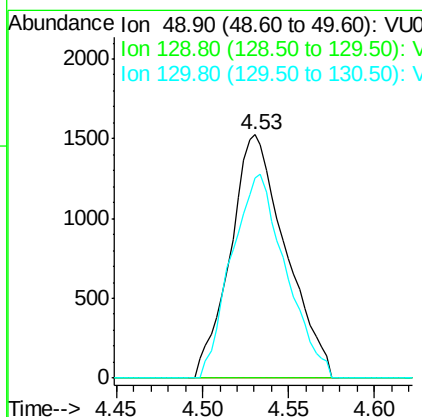
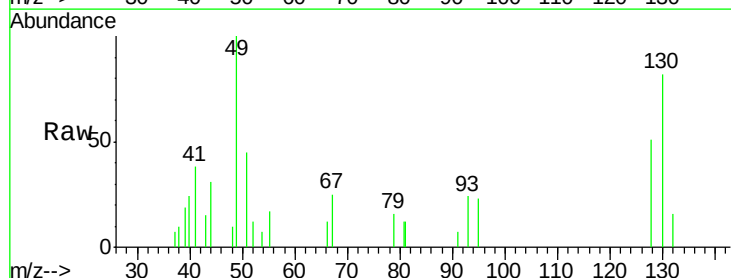
MMDadoda
9/6/2019 3:21:22 PM

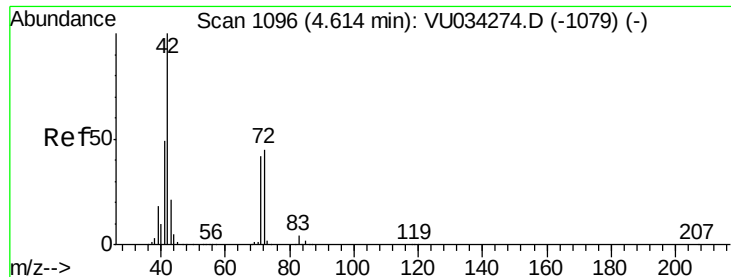


#28

Bromochloromethane
Concen: 1.131 ug/l
RT: 4.53 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	82.2	65.2	97.8





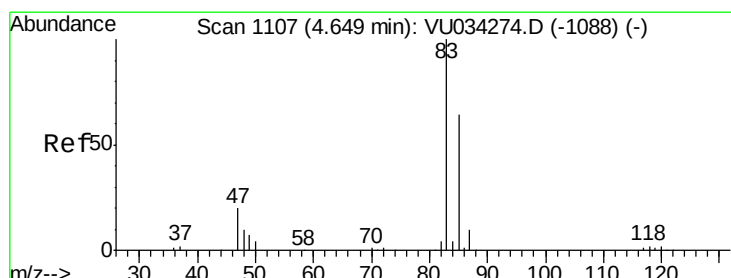
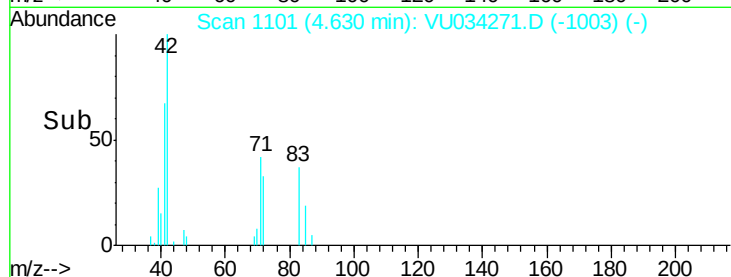
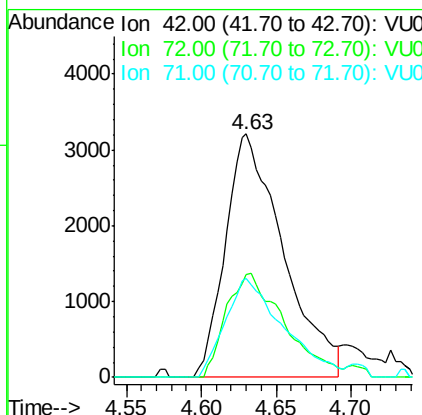
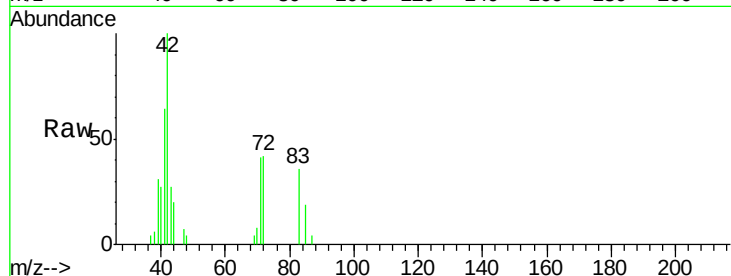
#29
Tetrahydrofuran
Concen: 5.165 ug/l
RT: 4.63 min Scan# 1101
Delta R.T. 0.02 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	36.6	54.8
71	41.1	34.3	51.5

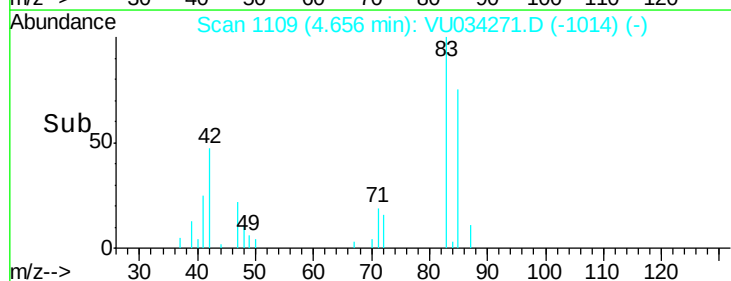
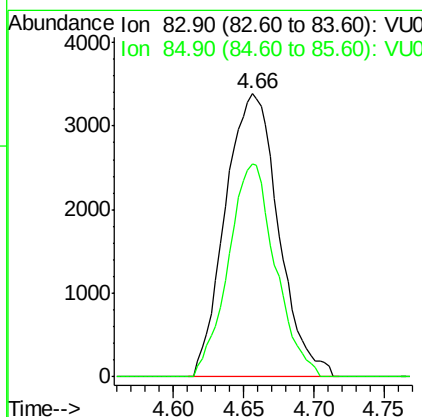
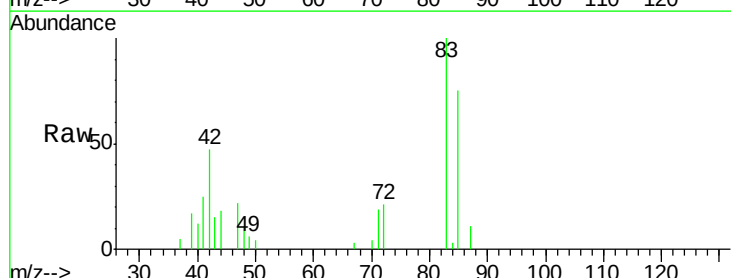
Manual Integrations
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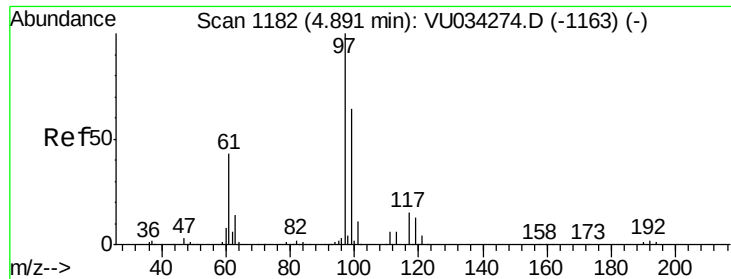
MMDadoda
9/6/2019 3:21:22 PM



#30
Chloroform
Concen: 1.461 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	75.0	51.5	77.3





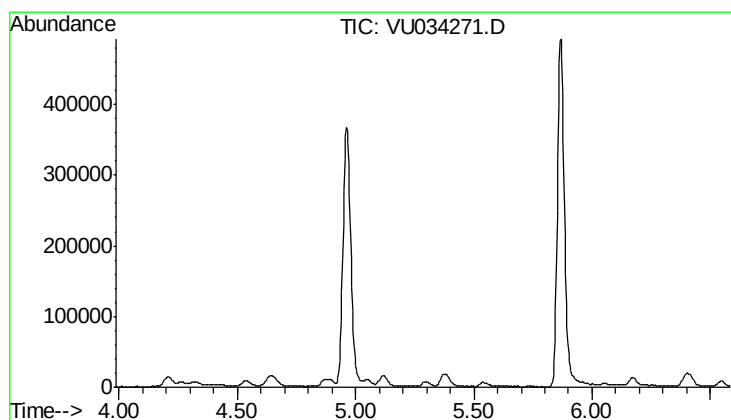
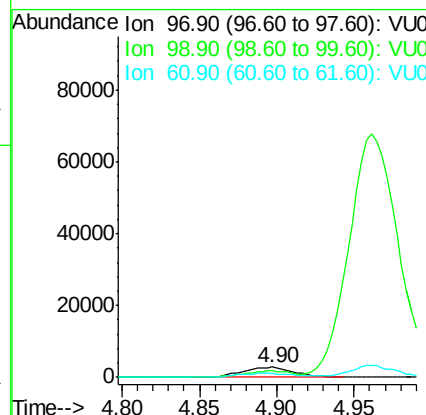
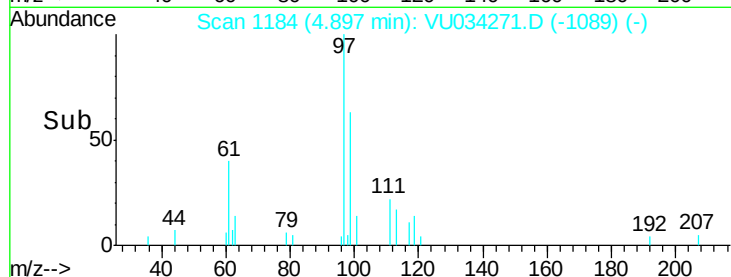
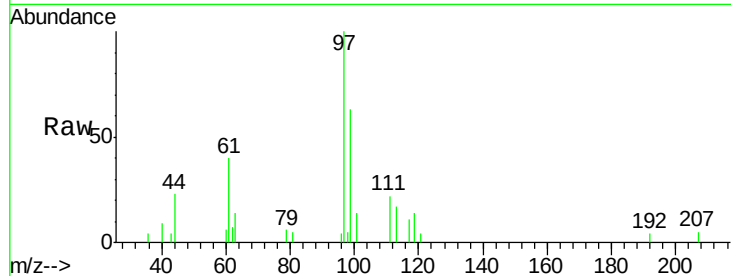
#32
 1,1,1-Trichloroethane
 Concen: 1.306 ug/l
 RT: 4.90 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		6487		
99	0.0	50.9	76.3#		
61	44.2	34.7	52.1		

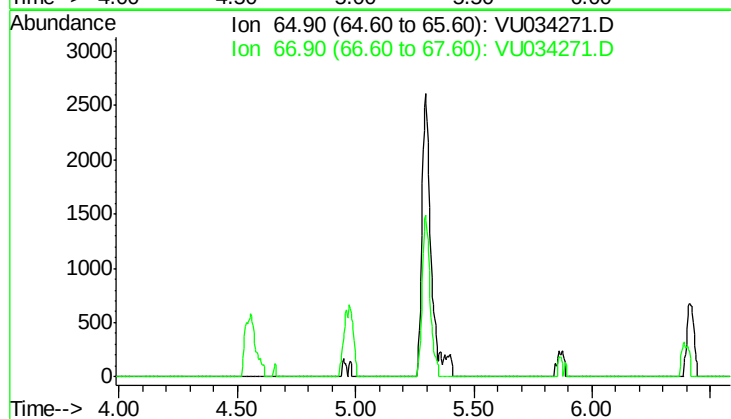
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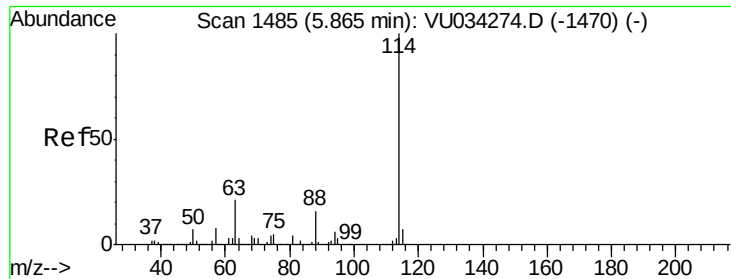
MMDadoda
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#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 5.29 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Sig	Exp Ratio
65	100	
67	56.2	





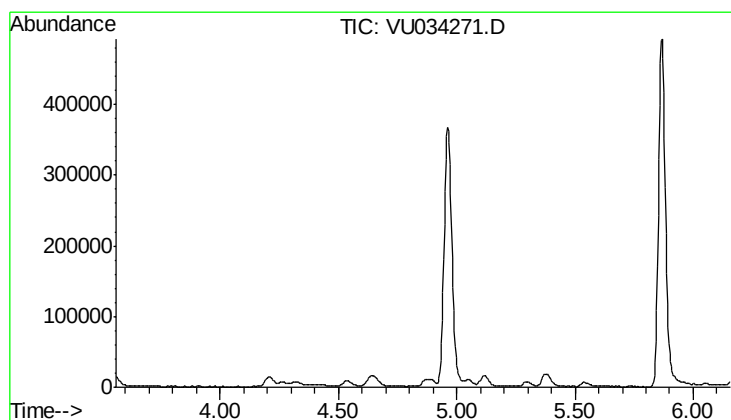
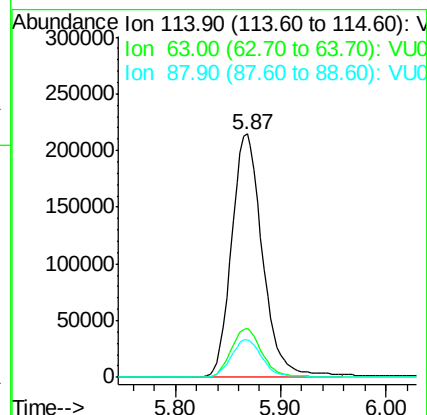
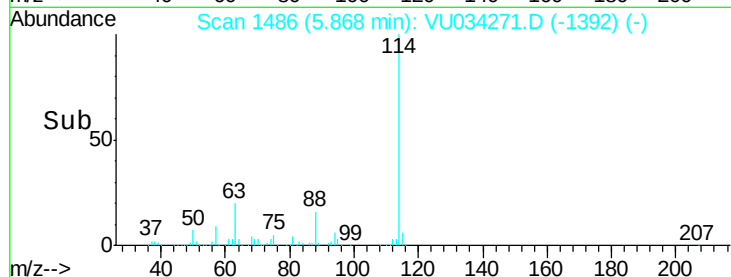
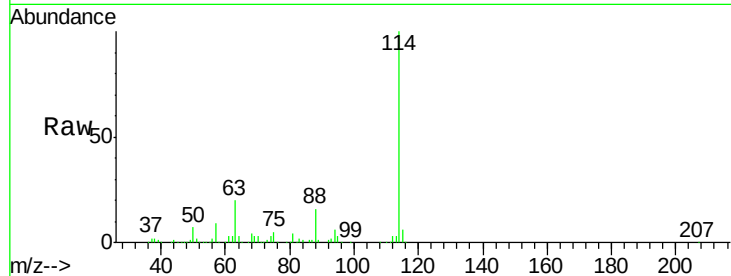
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.9	0.0	42.4
88	15.7	0.0	32.4

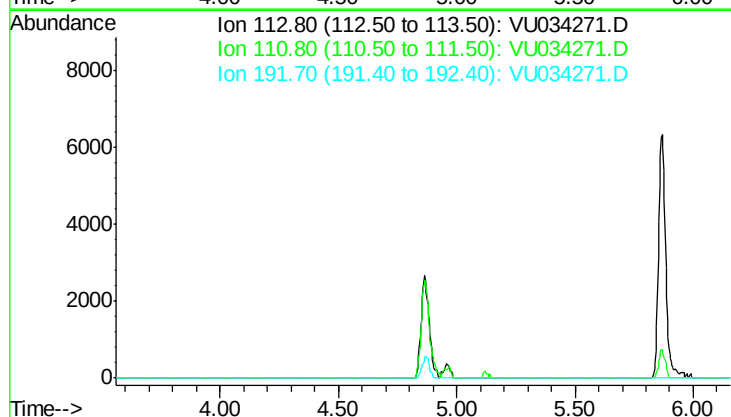
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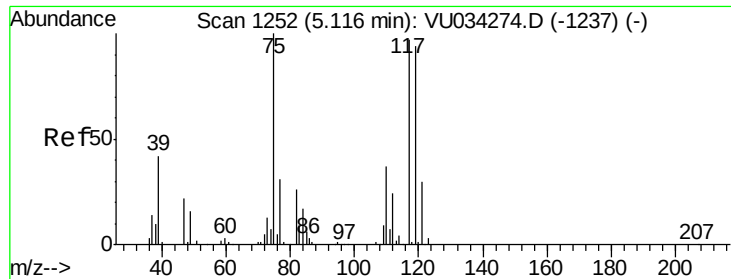
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.86 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Exp Ratio
113	100
111	101.9
192	22.3





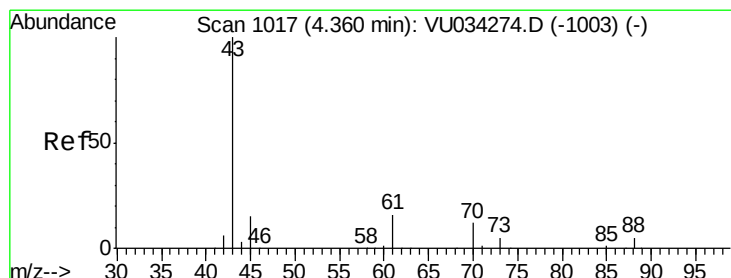
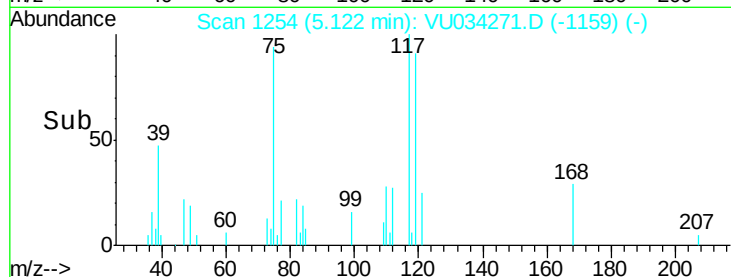
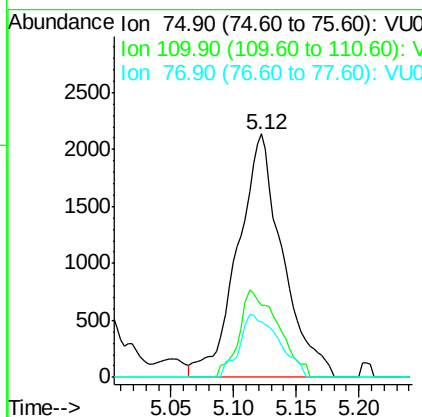
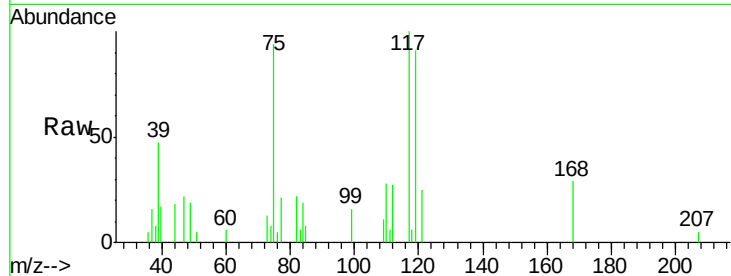
#36
 1,1-Dichloropropene
 Concen: 1.288 ug/l
 RT: 5.12 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.0	18.3	54.9
77	22.6	24.9	37.3#

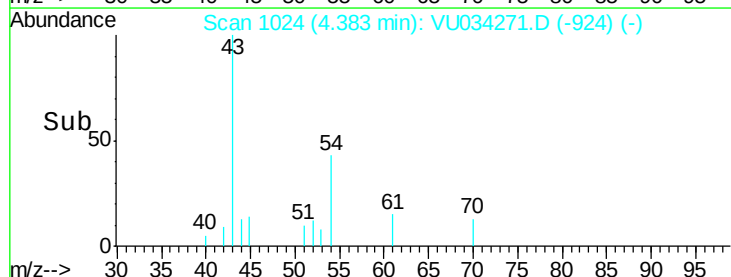
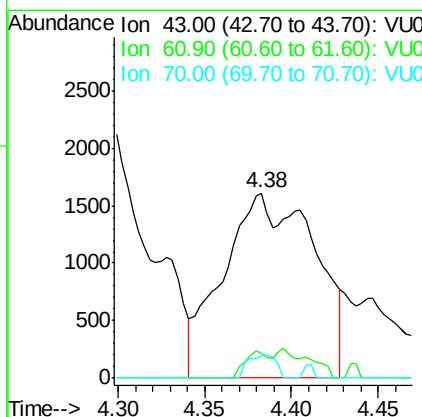
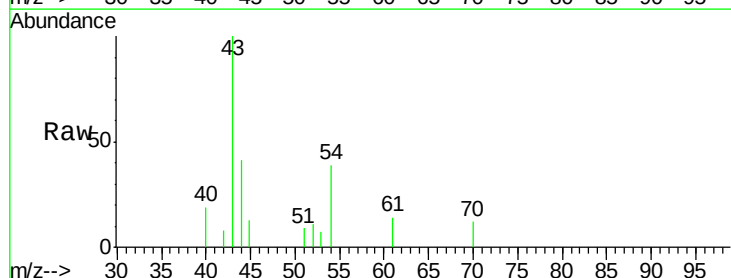
Manual Integrations
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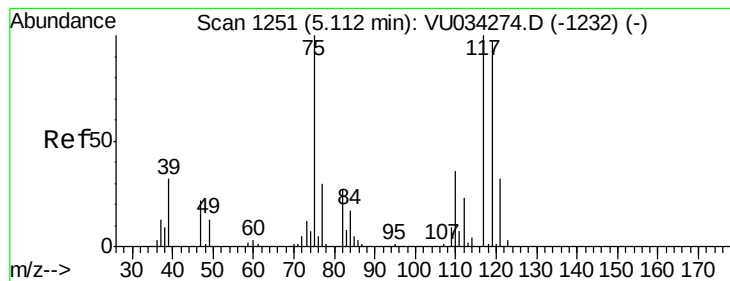
MMDadoda
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#37
 Ethyl Acetate
 Concen: 1.257 ug/l m
 RT: 4.38 min Scan# 1024
 Delta R.T. 0.02 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.1	12.3	18.5#
70	3.9	9.1	13.7#





#38

Carbon Tetrachloride

Concen: 1.458 ug/l

RT: 5.12 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

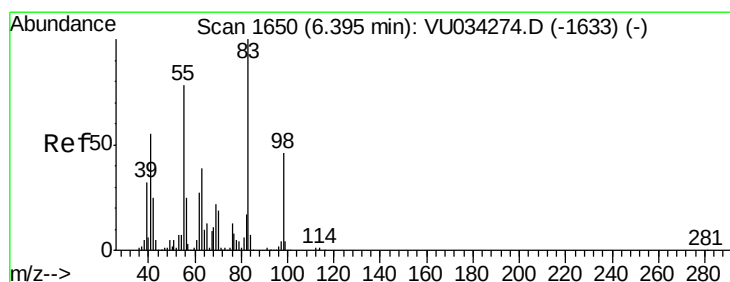
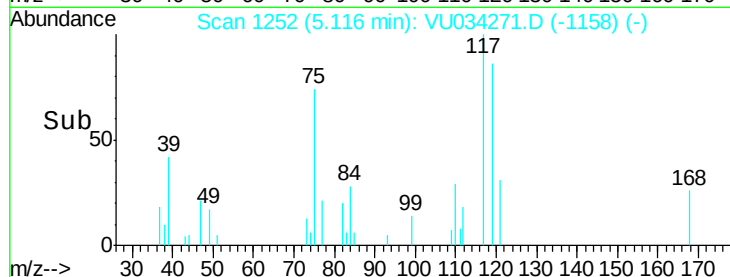
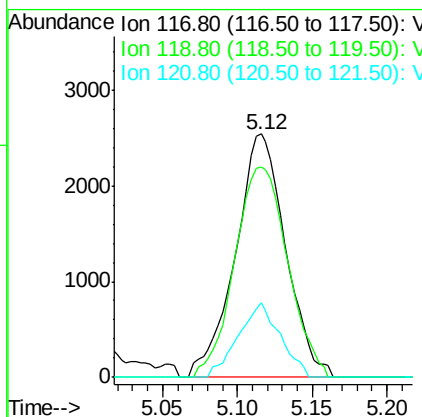
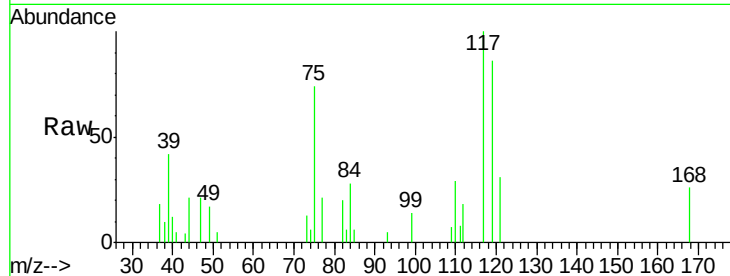
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	5931
Ion	Ratio	Lower	Upper
117	100		
119	86.2	77.8	116.6
121	30.5	25.2	37.8

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#39

Methylcyclohexane

Concen: 1.082 ug/l

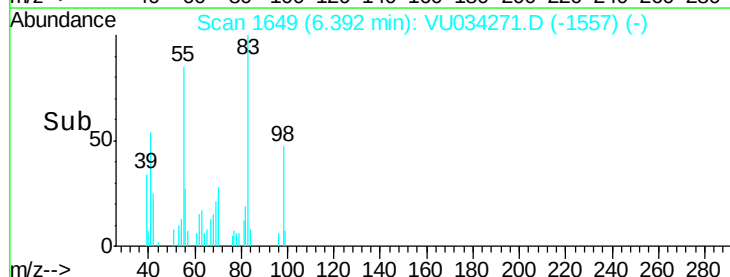
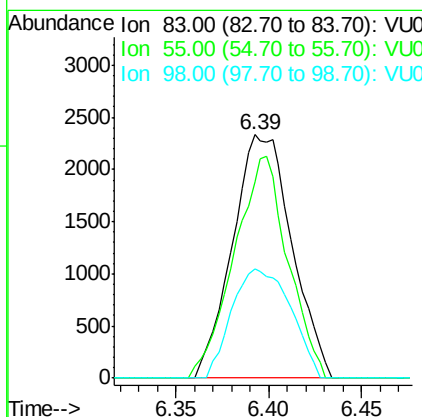
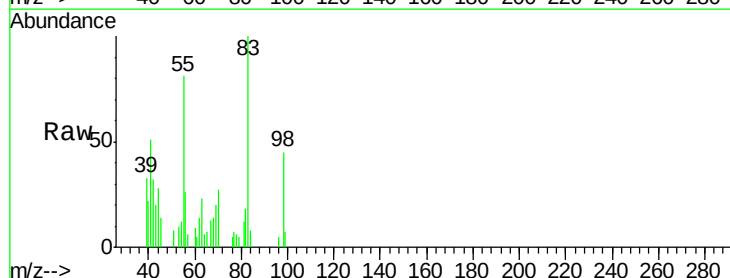
RT: 6.39 min Scan# 1649

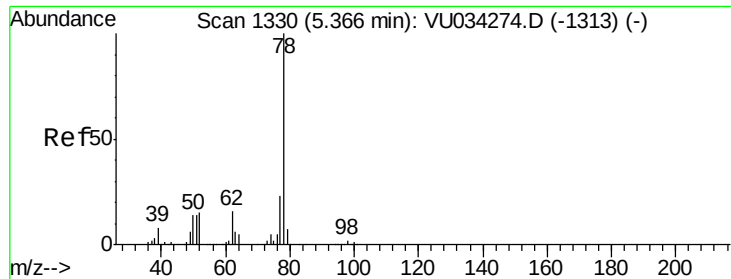
Delta R.T. -0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion:	83	Resp:	5187
Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.1	93.1
98	44.9	37.0	55.6





#40

Benzene

Concen: 1.331 ug/l

RT: 5.37 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 16890

Ion Ratio Lower Upper

78 100

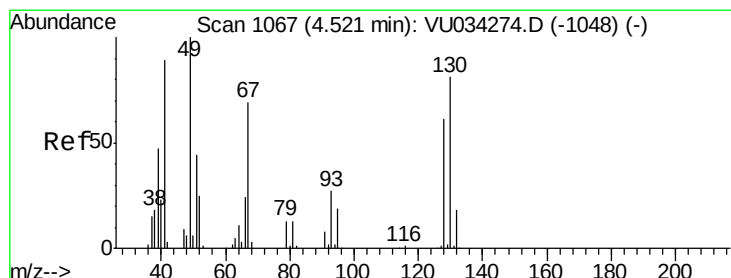
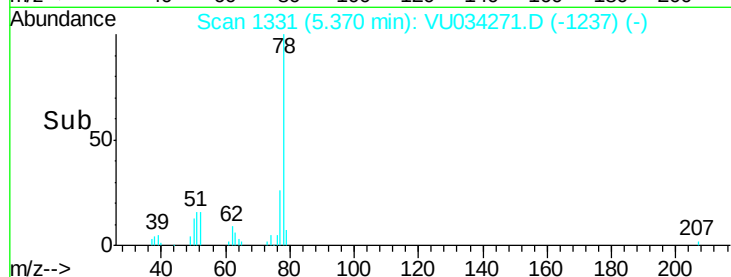
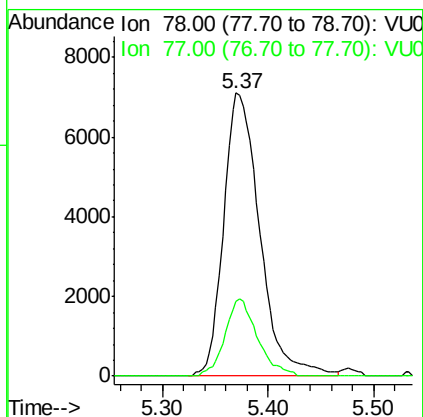
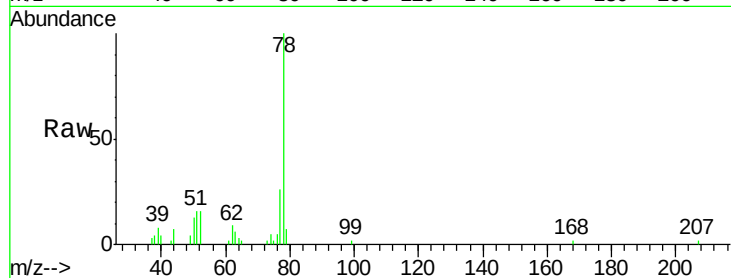
77 26.4 18.7 28.1

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#41

Methacrylonitrile

Concen: 1.068 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.03 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion: 41 Resp: 2602

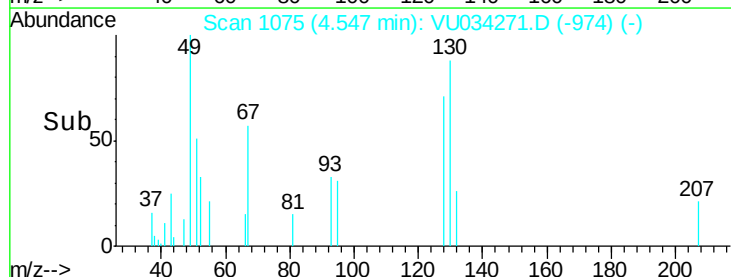
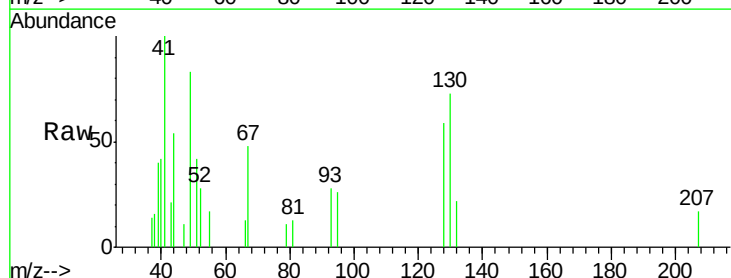
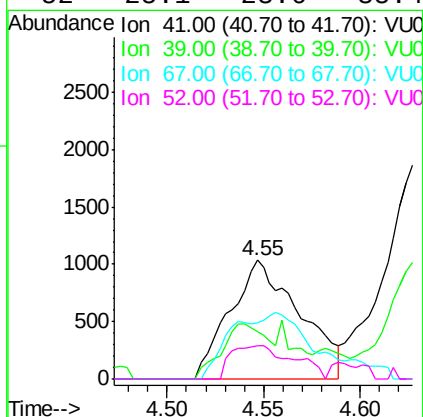
Ion Ratio Lower Upper

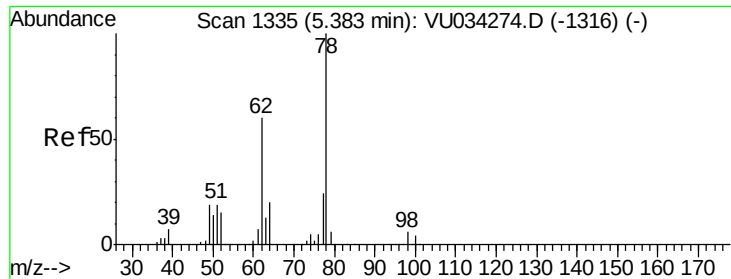
41 100

39 30.9 41.0 61.4#

67 21.1 62.4 93.6#

52 25.1 23.6 35.4





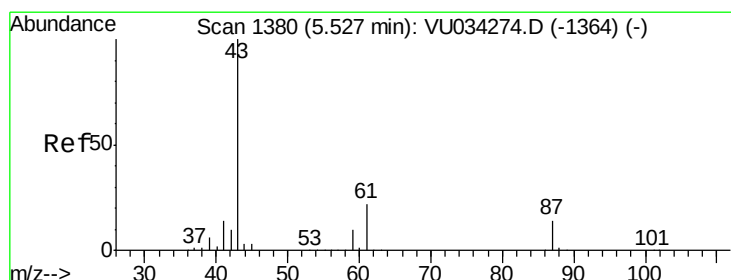
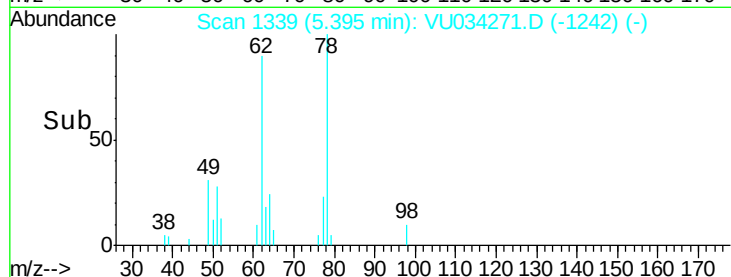
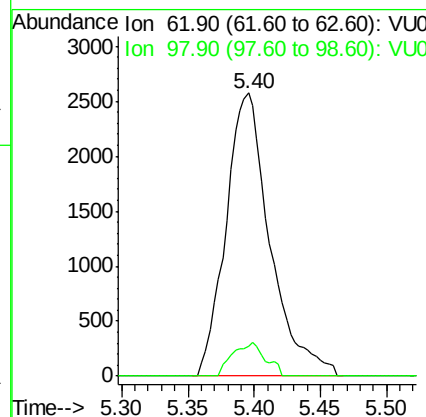
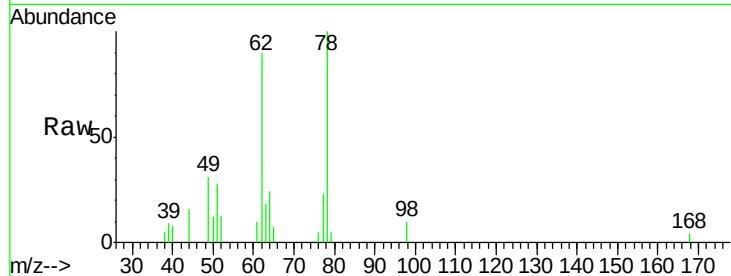
#42
 1,2-Dichloroethane
 Concen: 1.358 ug/l
 RT: 5.40 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	5946		
98	8.9	0.0	20.0	

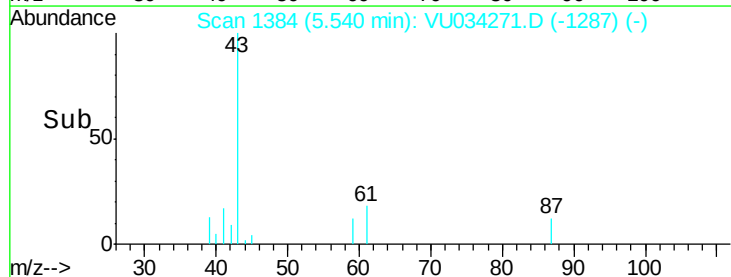
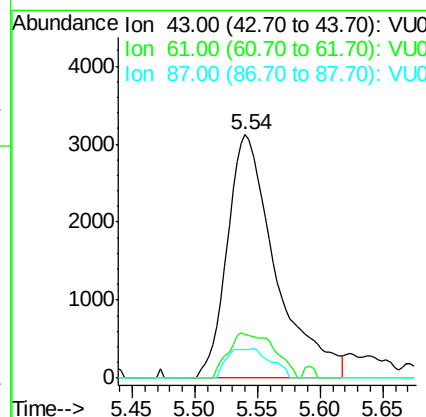
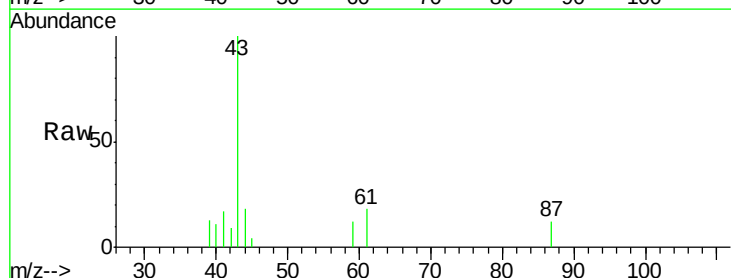
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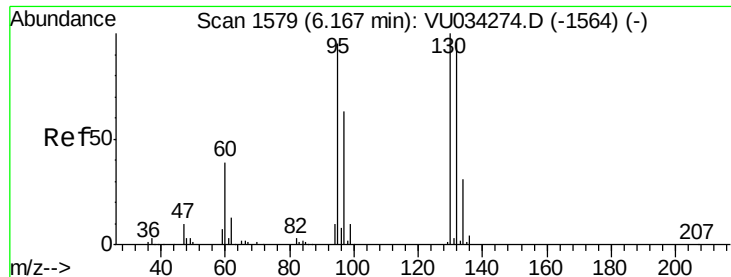
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#43
 Isopropyl Acetate
 Concen: 1.162 ug/l
 RT: 5.54 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	8352		
61	17.7	17.1	25.7	
87	4.0	11.1	16.7#	





#44

Trichloroethene

Concen: 1.375 ug/l

RT: 6.17 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4630

Ion Ratio Lower Upper

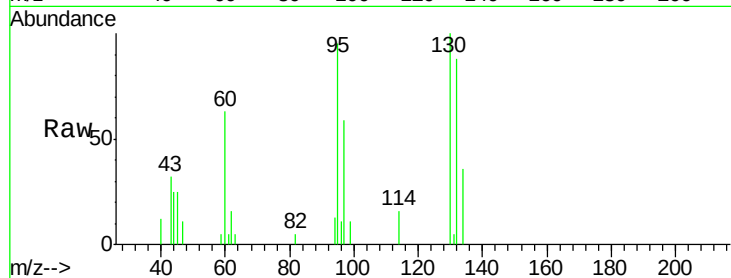
130 100

95 95.4 0.0 189.2

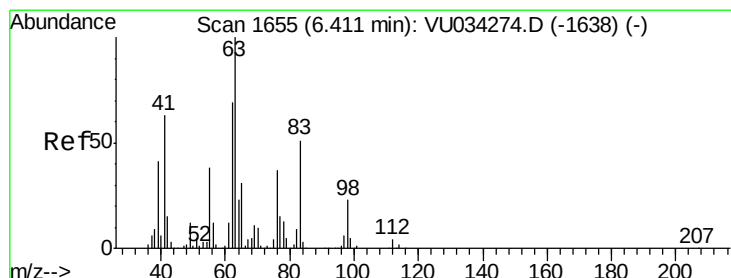
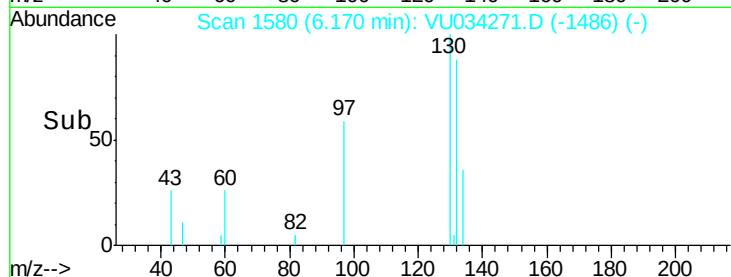
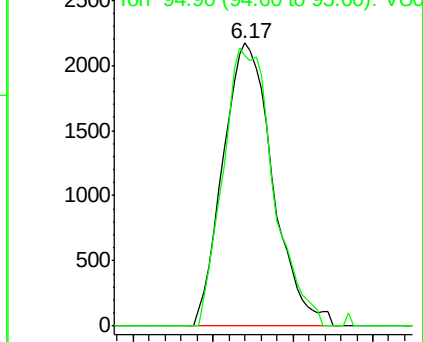
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Abundance Ion 129.80 (129.50 to 130.50): VU034271.D (-1486) (-)



#45

1,2-Dichloropropane

Concen: 1.372 ug/l

RT: 6.42 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VU034271.D

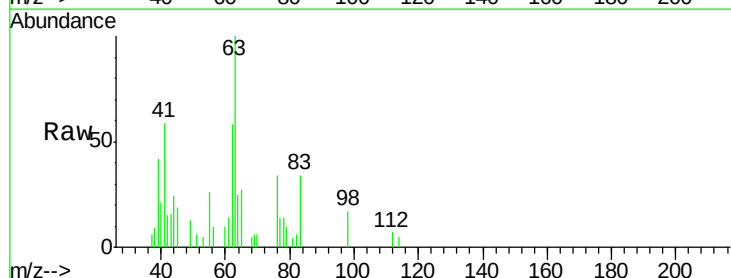
Acq: 05 Sep 2019 09:14

Tgt Ion: 63 Resp: 4838

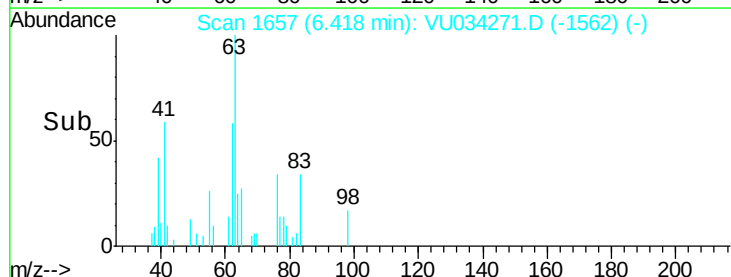
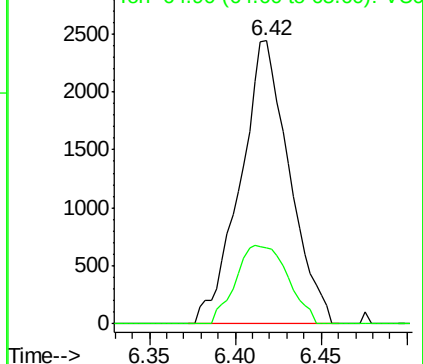
Ion Ratio Lower Upper

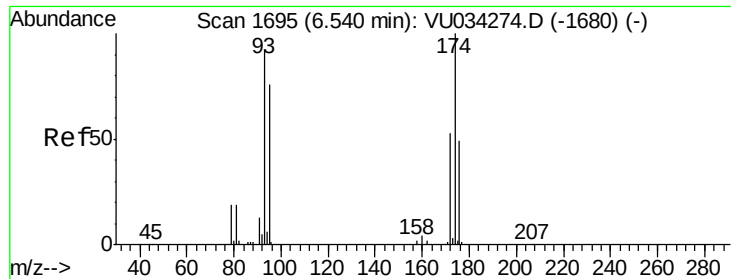
63 100

65 26.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034271.D (-1562) (-)





#46

Dibromomethane

Concen: 1.297 ug/l

RT: 6.55 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

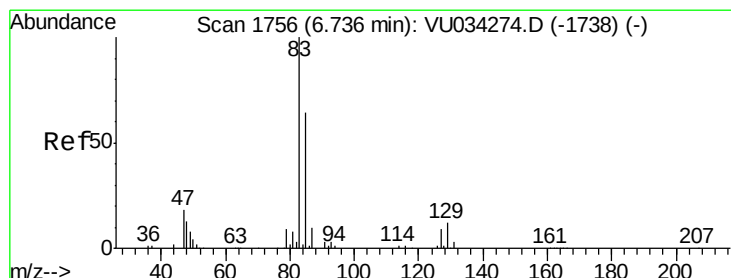
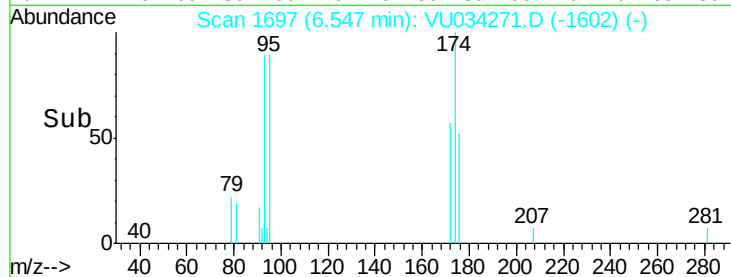
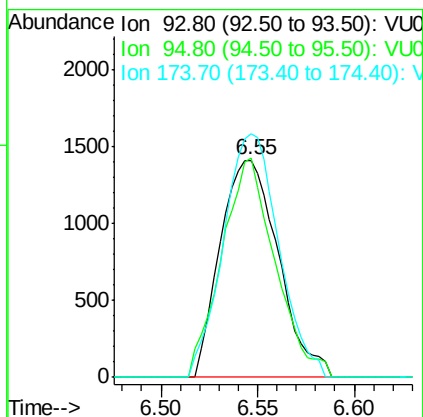
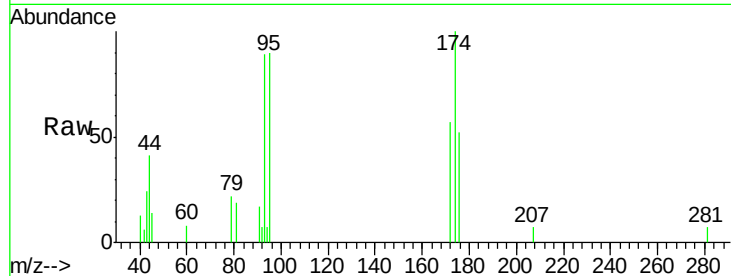
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	2944
Ion	Ratio	Lower	Upper
93	100		
95	92.9	66.5	99.7
174	106.9	87.8	131.6

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#47

Bromodichloromethane

Concen: 1.440 ug/l

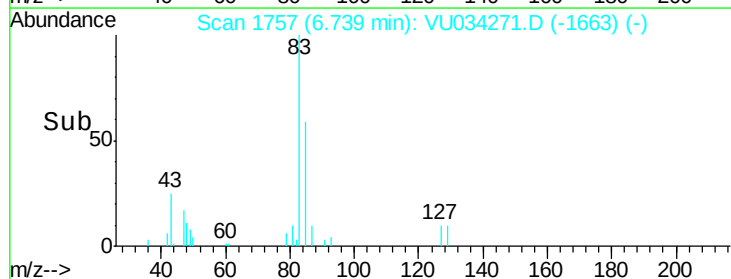
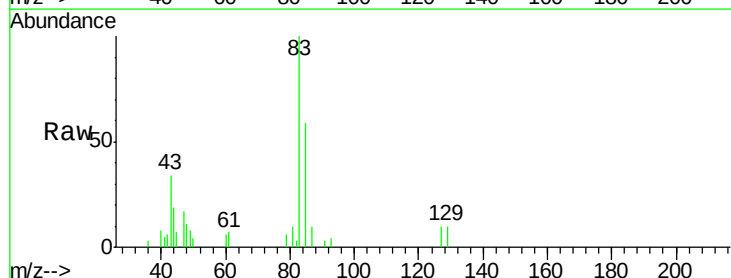
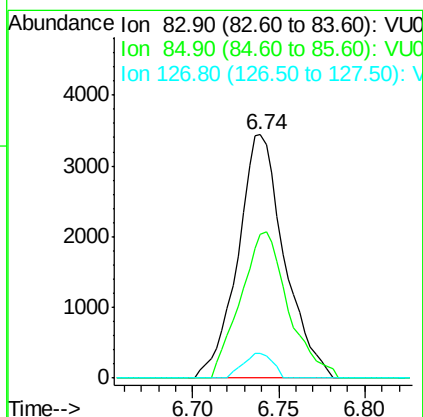
RT: 6.74 min Scan# 1757

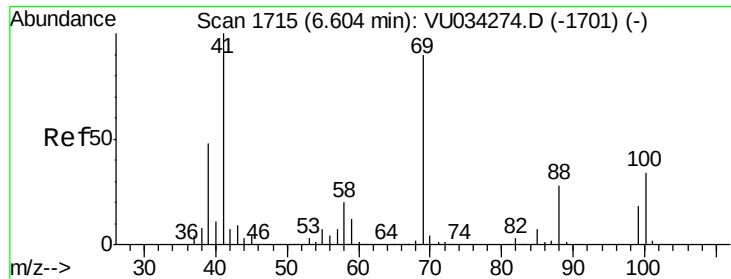
Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion:	83	Resp:	6445
Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.1	76.7
127	10.2	7.2	10.8





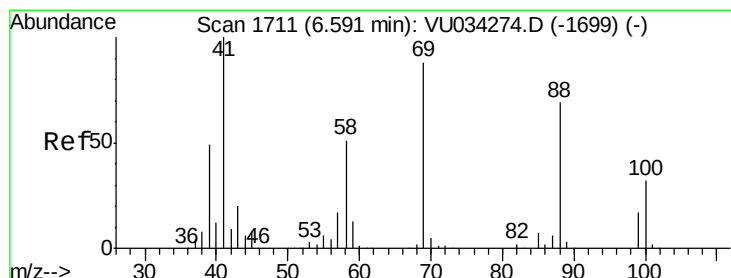
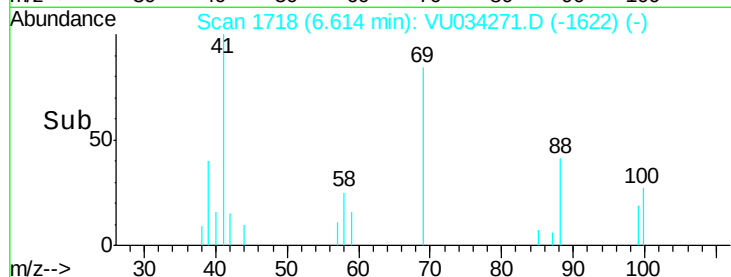
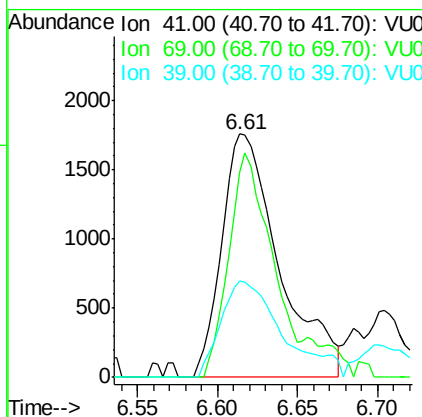
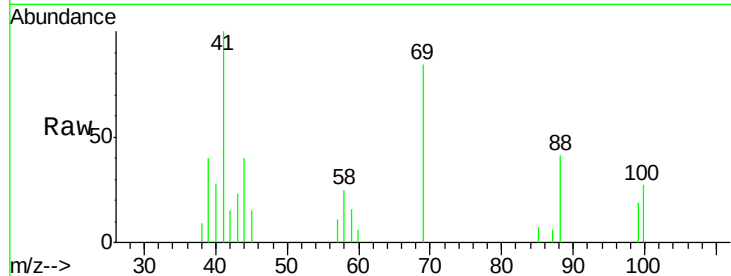
#48
Methvl methacrylate
Concen: 1.261 ug/l
RT: 6.61 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	68.3	72.8	109.2#
39	42.1	38.6	58.0

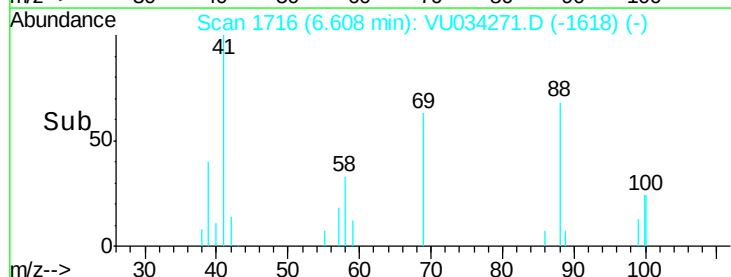
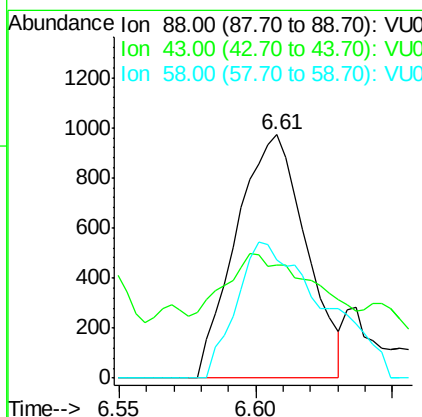
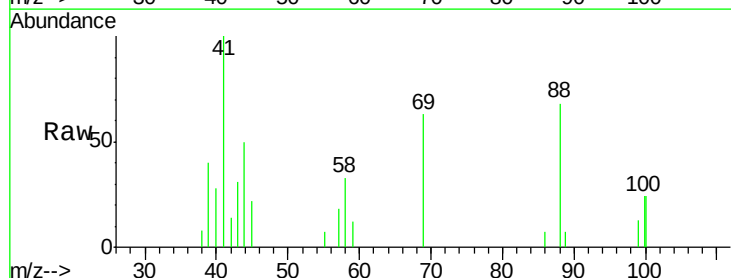
Manual Integrations
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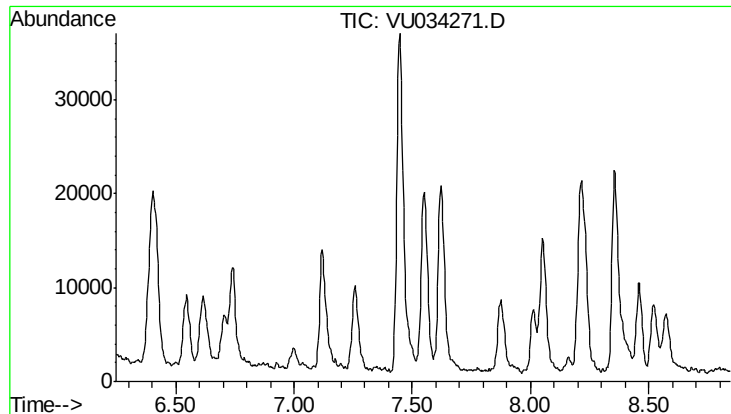
MMDadoda
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#49
1,4-Dioxane
Concen: 20.407 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. 0.02 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.8	35.6
58	70.1	58.4	87.6





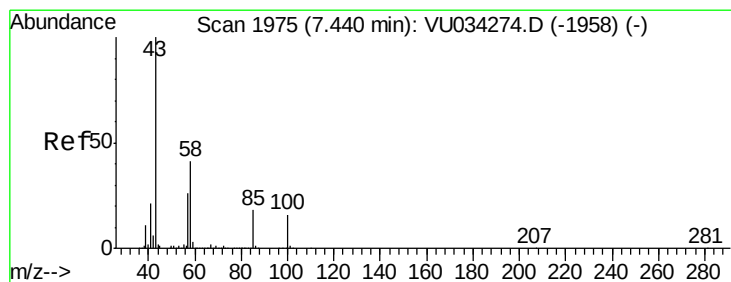
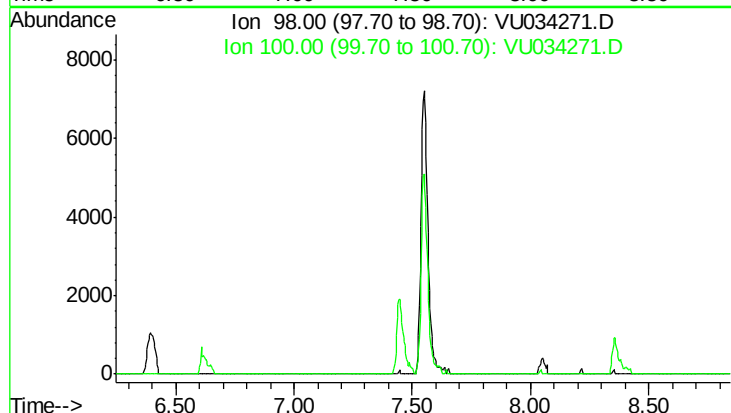
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.55 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.6

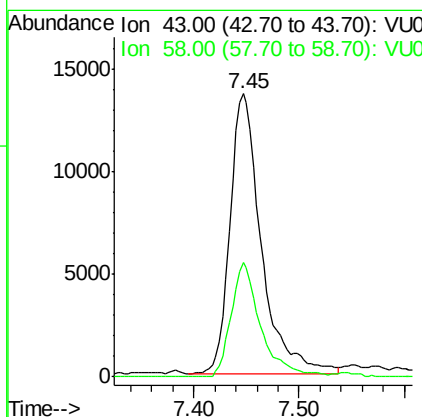
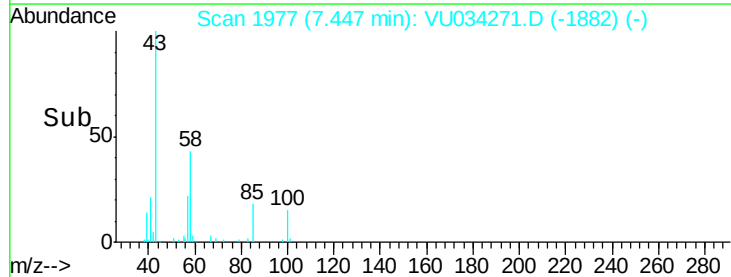
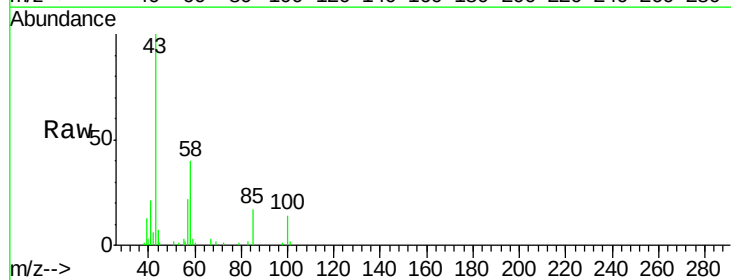
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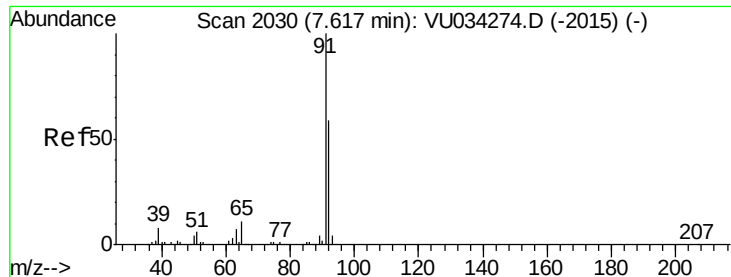
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 5.688 ug/l
RT: 7.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion: 43 Resp: 28329
Ion Ratio Lower Upper
43 100
58 37.2 33.0 49.4





#52

Toluene

Concen: 1.212 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9527

Ion Ratio Lower Upper

92 100

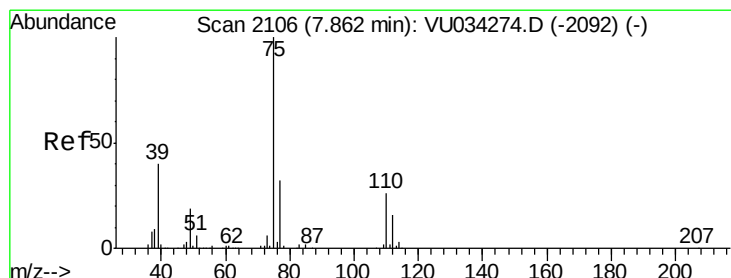
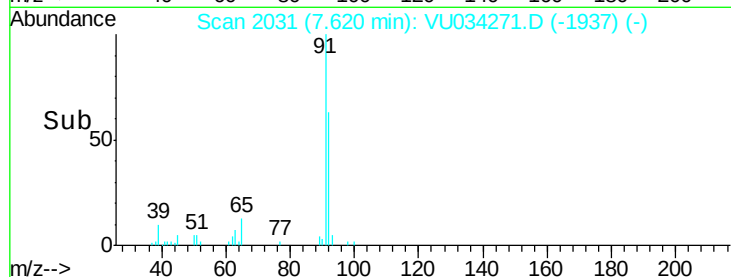
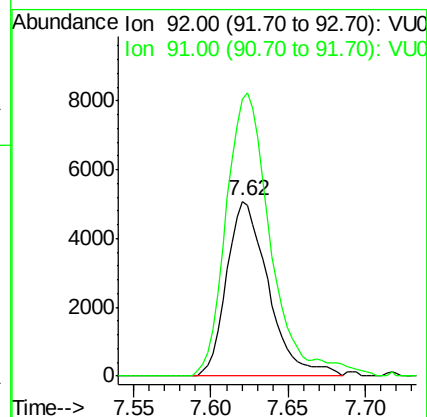
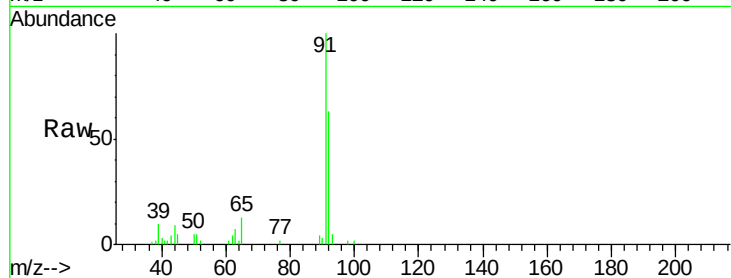
91 172.5 136.6 205.0

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#53

t-1,3-Dichloropropene

Concen: 1.193 ug/l

RT: 7.87 min Scan# 2110

Delta R.T. 0.01 min

Lab File: VU034271.D

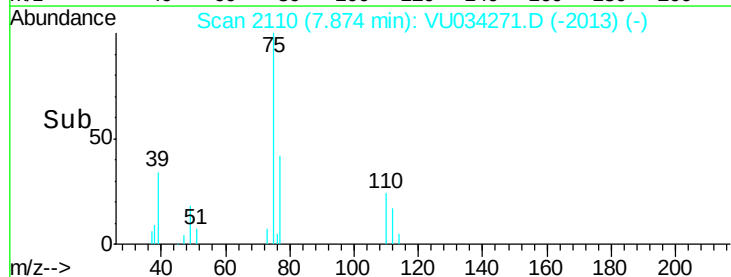
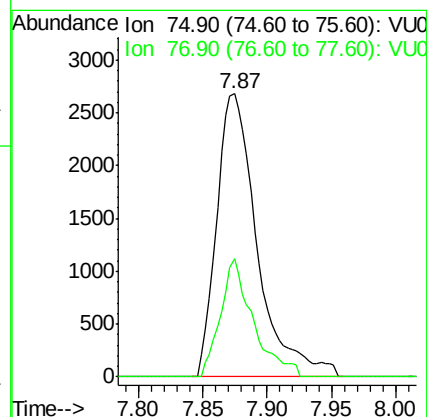
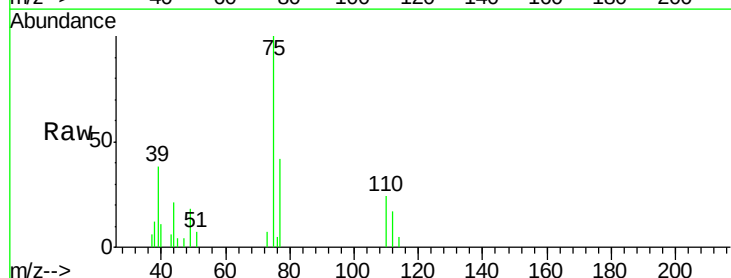
Acq: 05 Sep 2019 09:14

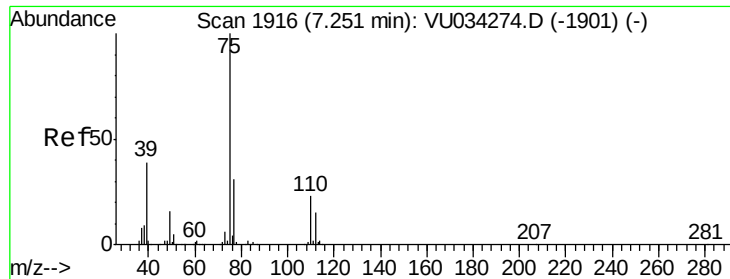
Tgt Ion: 75 Resp: 5855

Ion Ratio Lower Upper

75 100

77 41.8 25.7 38.5#





#54

cis-1,3-Dichloropropene

Concen: 1.175 ug/l

RT: 7.25 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

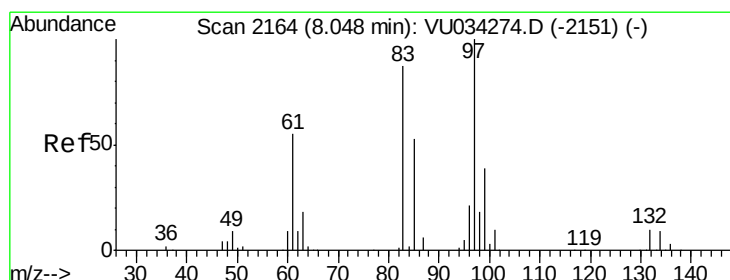
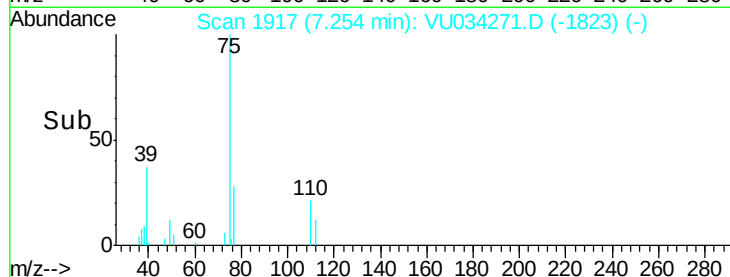
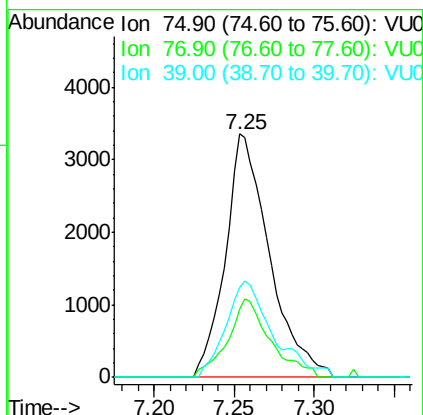
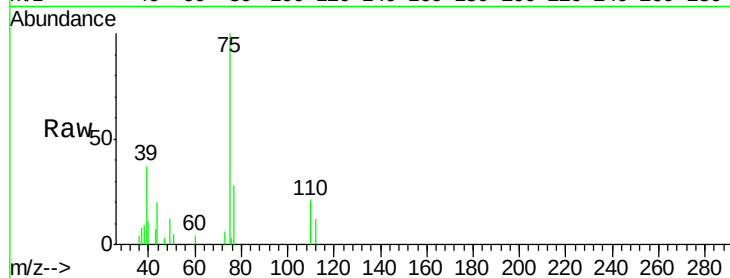
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6319
Ion	Ratio	Lower	Upper
75	100		
77	28.1	25.1	37.7
39	37.1	31.2	46.8

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#55

1,1,2-Trichloroethane

Concen: 1.385 ug/l

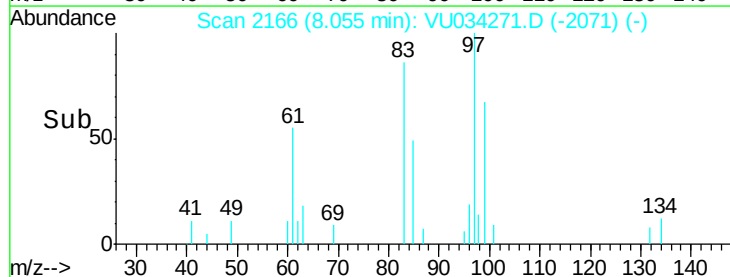
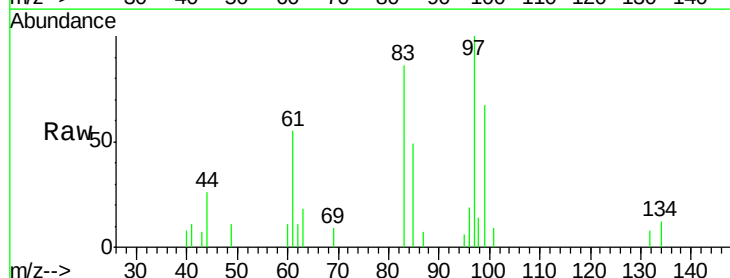
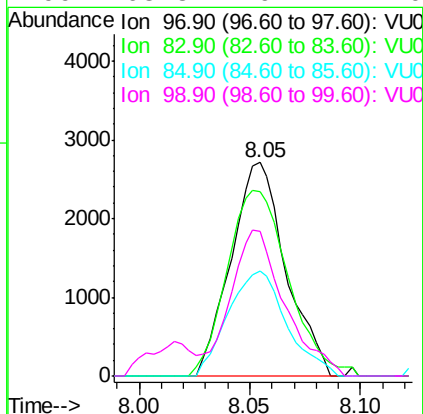
RT: 8.05 min Scan# 2166

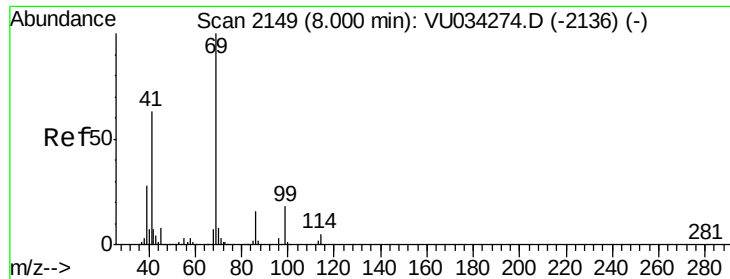
Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion:	97	Resp:	4669
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.0	103.6
85	49.4	44.2	66.2
99	63.8	49.4	74.0





#56

Ethyl methacrylate

Concen: 0.907 ug/l

RT: 8.01 min Scan# 2153

Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

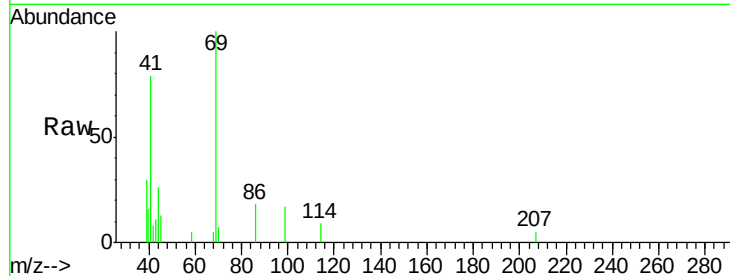
ClientSampleId :

VSTDIC001

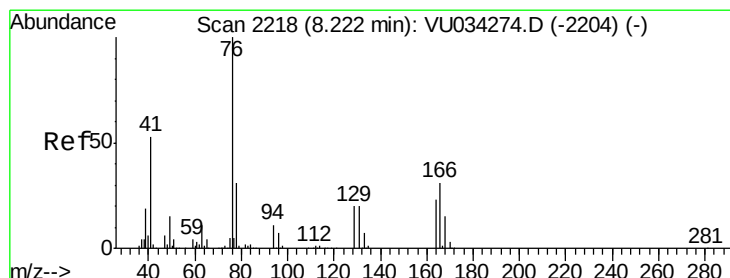
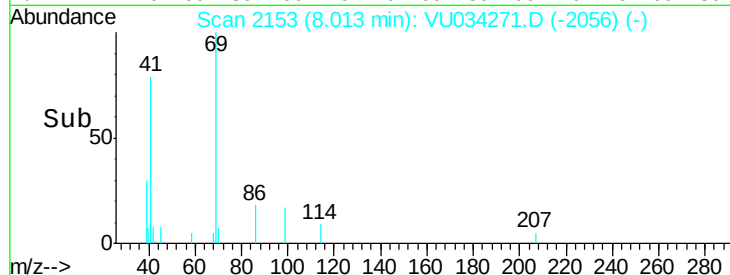
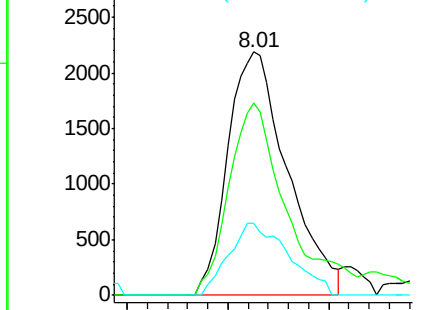
Tot Ion:	69	Resp:	4513
Ion	Ratio	Lower	Upper
69	100		
41	76.4	49.5	74.3#
39	29.6	22.5	33.7

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Abundance Ion 69.00 (68.70 to 69.70): VU034271.D (-2153) (-)



#57

1,3-Dichloropropane

Concen: 1.290 ug/l

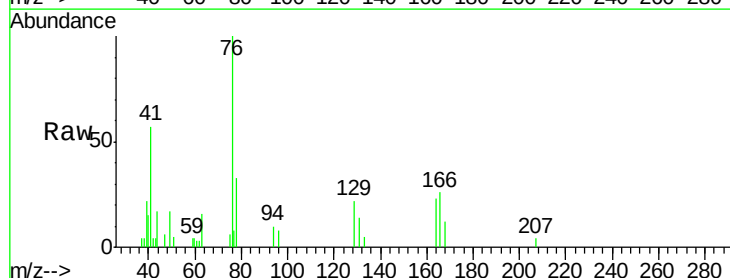
RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

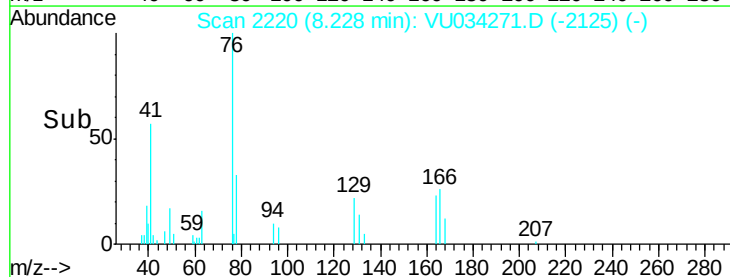
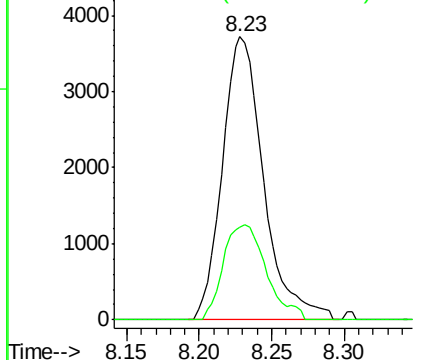
Lab File: VU034271.D

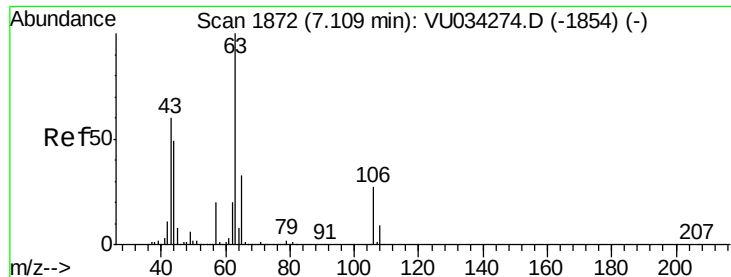
Acq: 05 Sep 2019 09:14

Tgt Ion:	76	Resp:	7326
Ion	Ratio	Lower	Upper
76	100		
78	34.9	25.4	38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034271.D (-2220) (-)





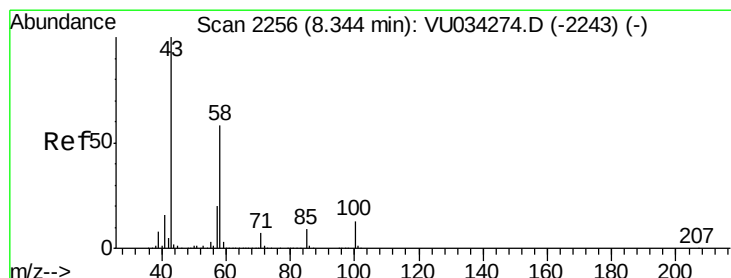
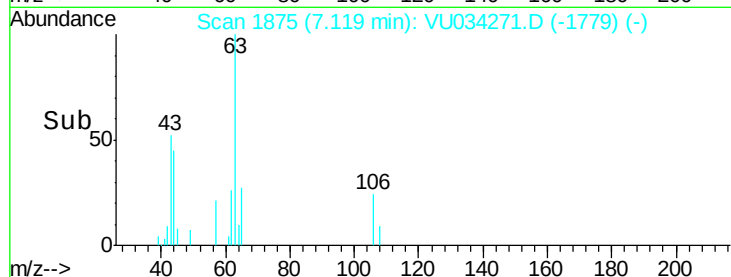
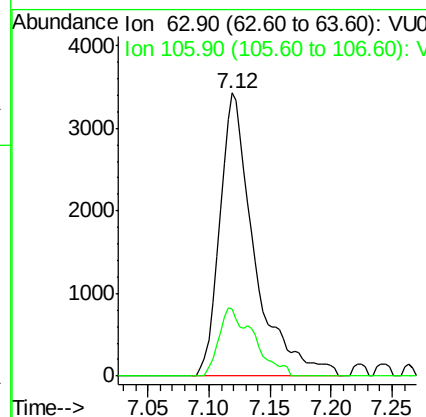
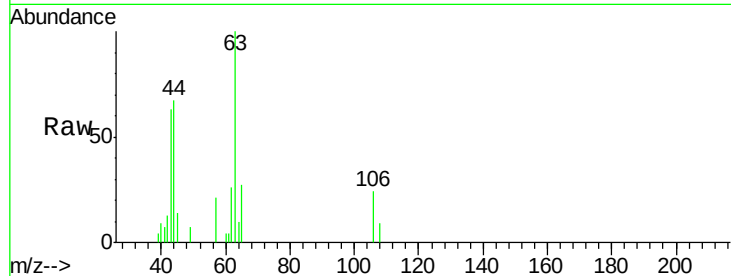
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.801 ug/l
 RT: 7.12 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 6826
 Ion Ratio Lower Upper
 63 100
 106 24.3 21.6 32.4

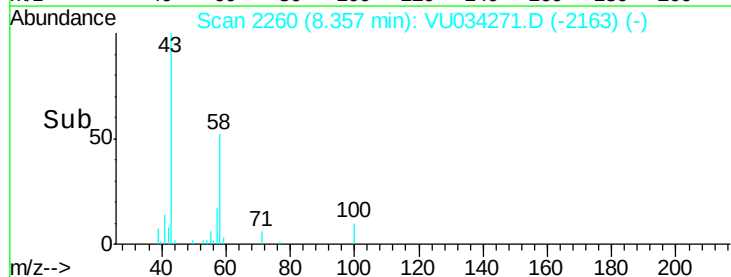
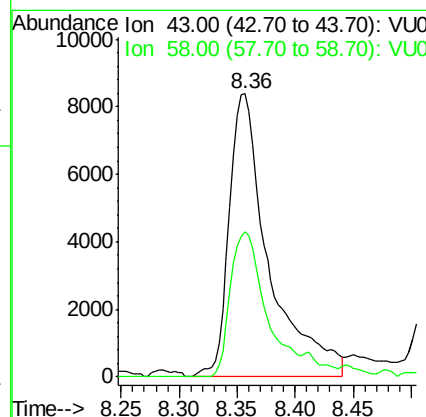
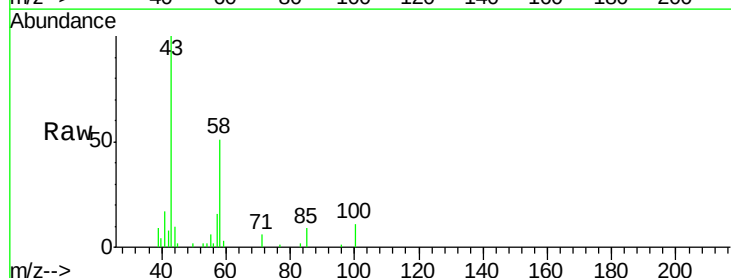
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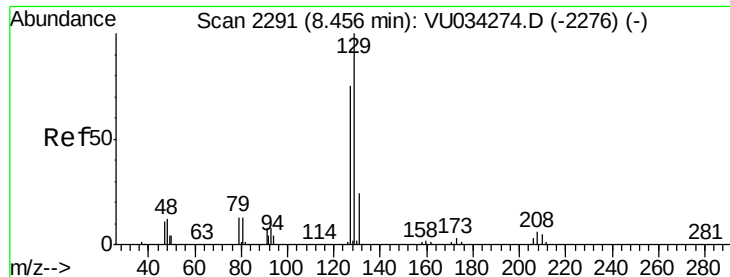
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#59
 2-Hexanone
 Concen: 5.321 ug/l
 RT: 8.36 min Scan# 2260
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion: 43 Resp: 19981
 Ion Ratio Lower Upper
 43 100
 58 45.5 28.8 86.5





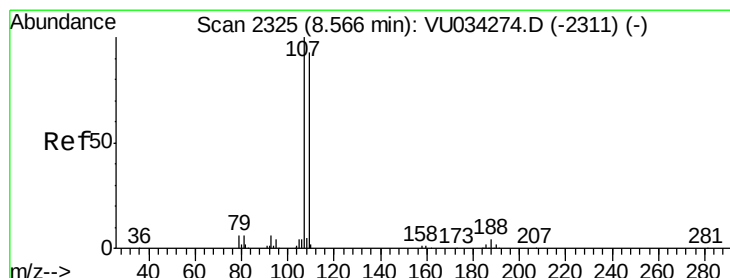
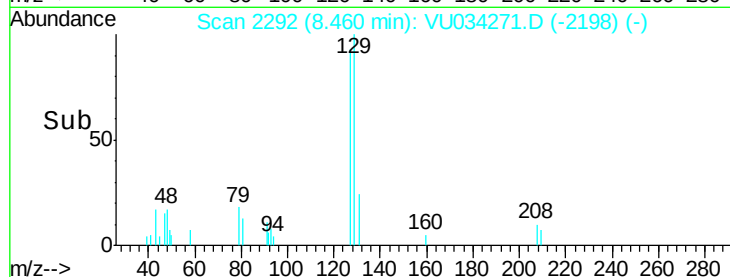
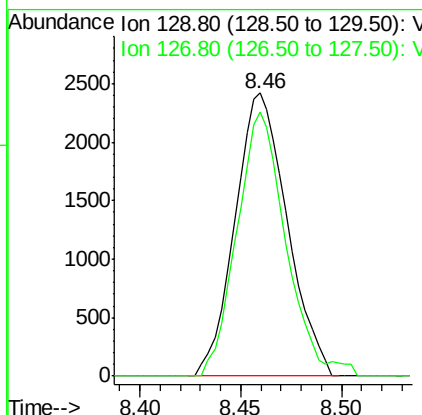
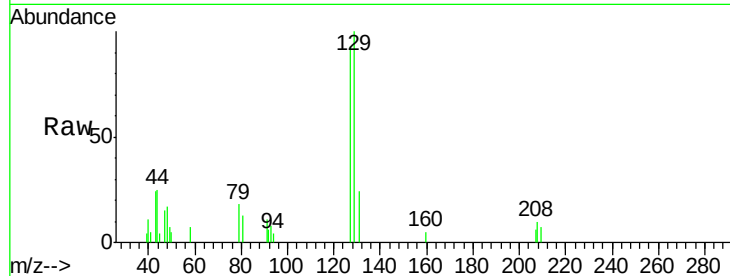
#60
Dibromochloromethane
Concen: 1.205 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	87.7	37.9	113.7

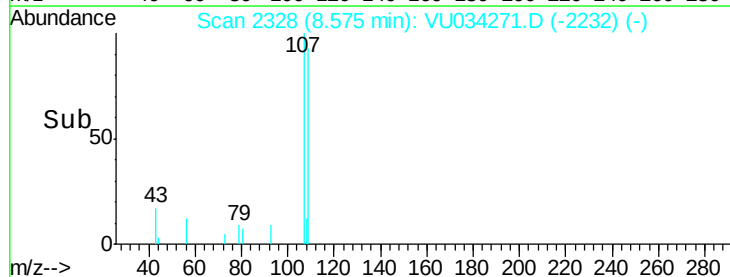
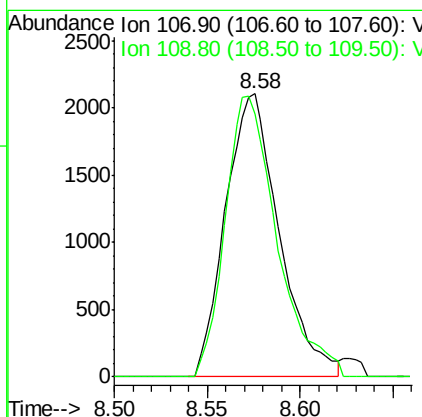
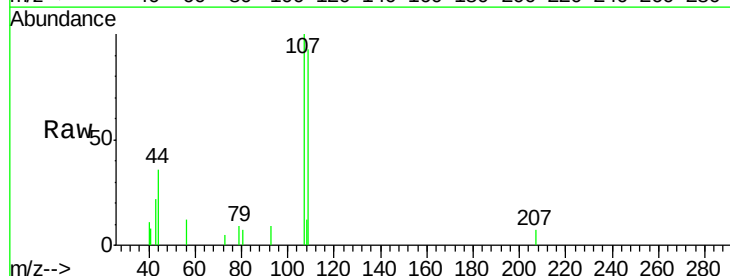
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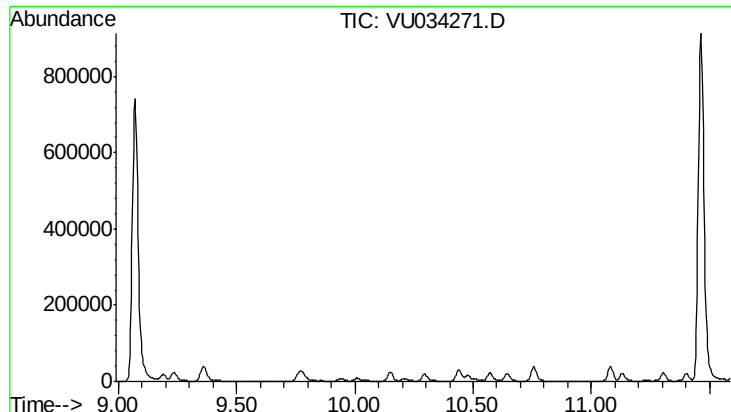
MMDadoda
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#61
1,2-Dibromoethane
Concen: 1.206 ug/l
RT: 8.58 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.0	112.6





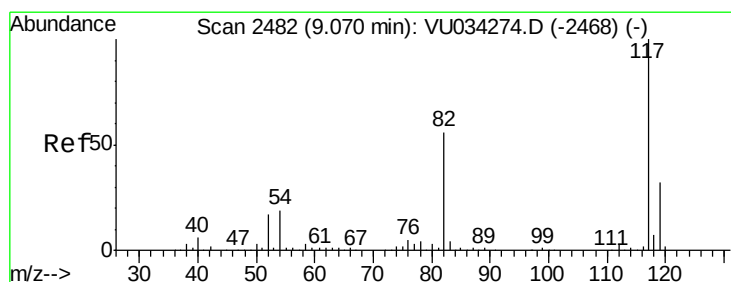
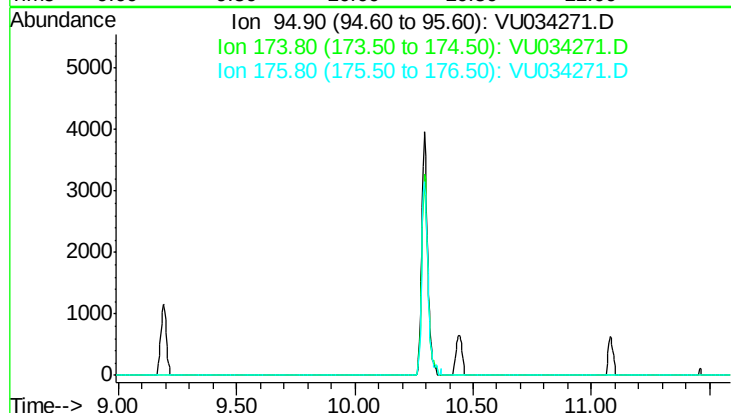
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 10.29 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tot Ion	95
Siq	Exp Ratio
95	100
174	87.6
176	84.0

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

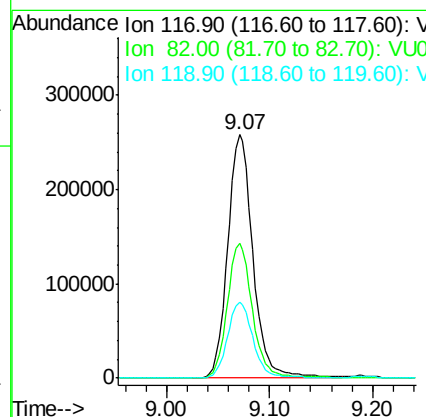
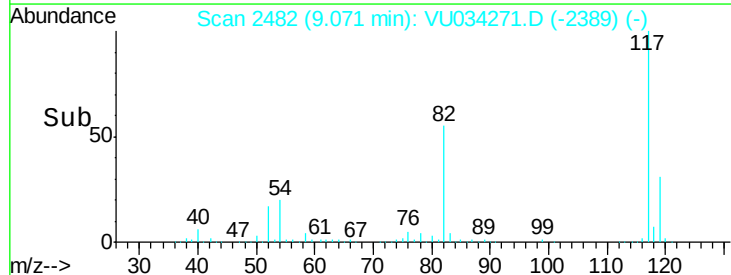
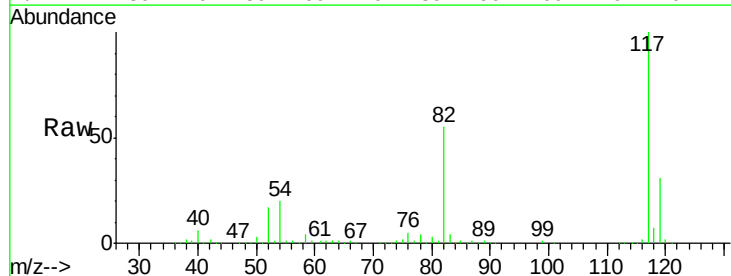
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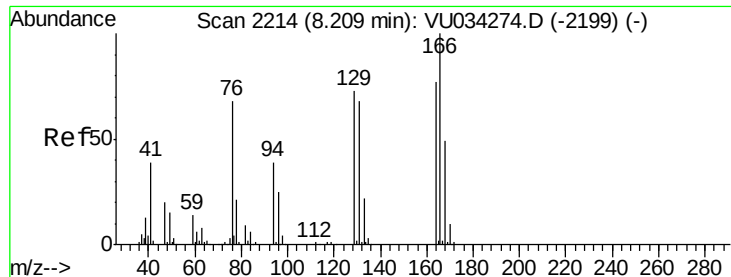
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	117	Resp	440694
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	31.4	25.9	38.9





#64

Tetrachloroethene

Concen: 1.449 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4377

Ion Ratio Lower Upper

164 100

166 127.1 103.7 155.5

129 83.7 75.8 113.8

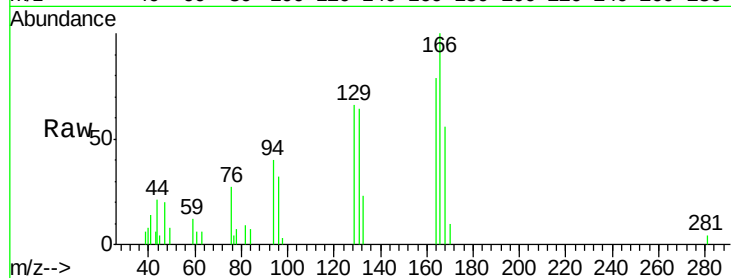
131 81.6 70.7 106.1

Manual Integrations

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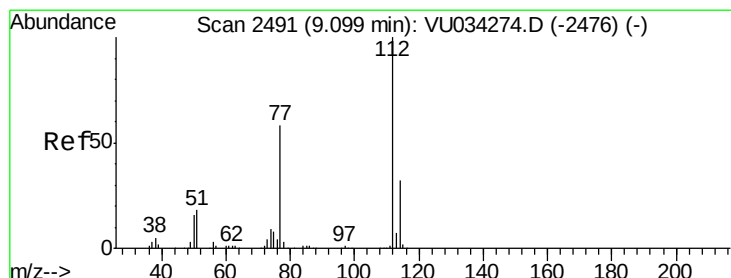
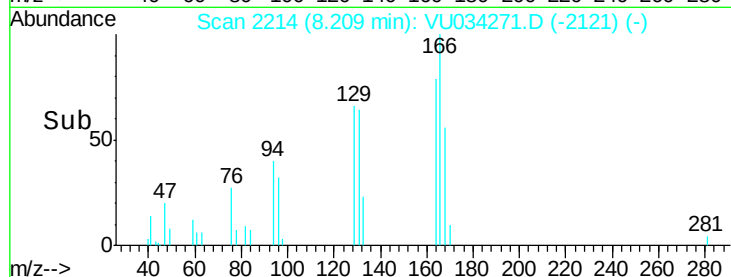
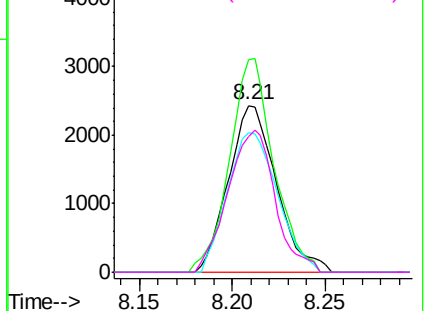


Abundance Ion 163.80 (163.50 to 164.50): V

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: 1.233 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034271.D

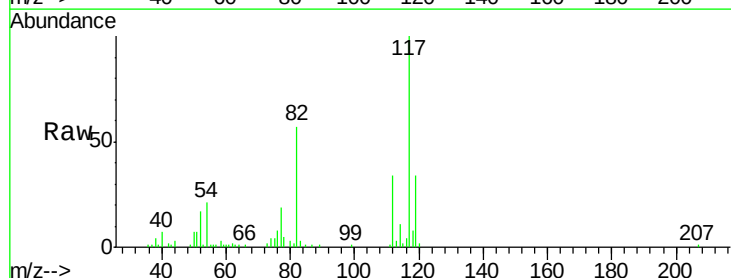
Acq: 05 Sep 2019 09:14

Tgt Ion:112 Resp: 11387

Ion Ratio Lower Upper

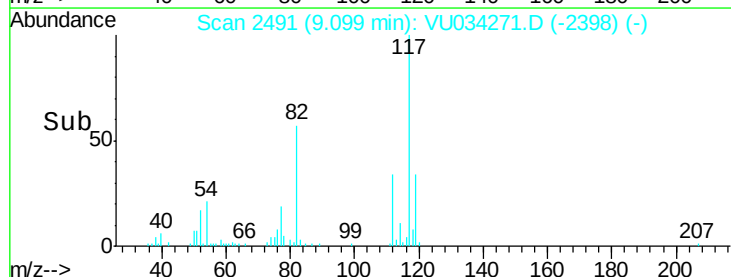
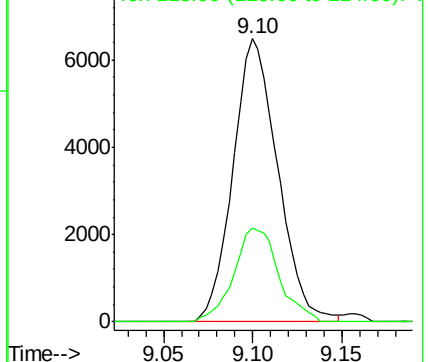
112 100

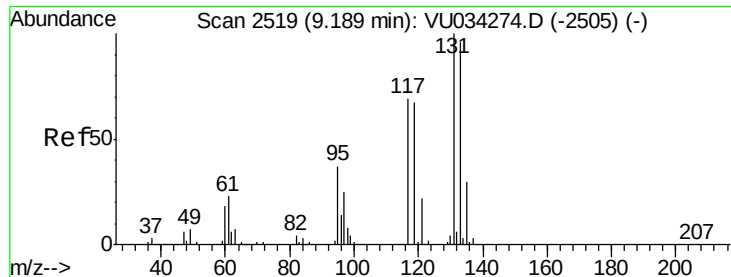
114 33.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.394 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

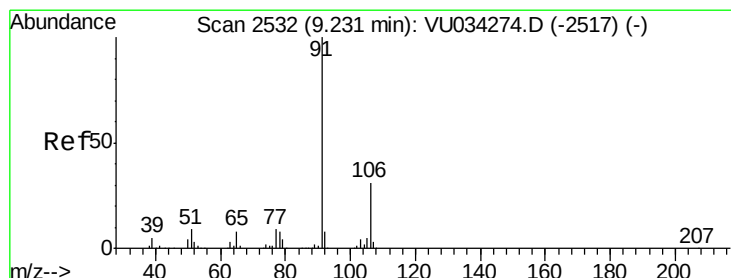
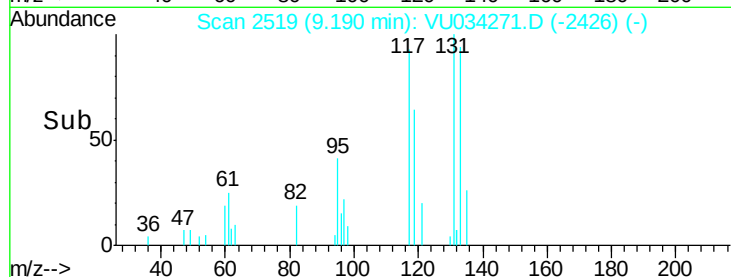
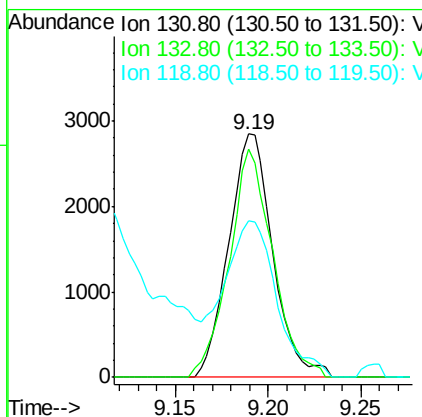
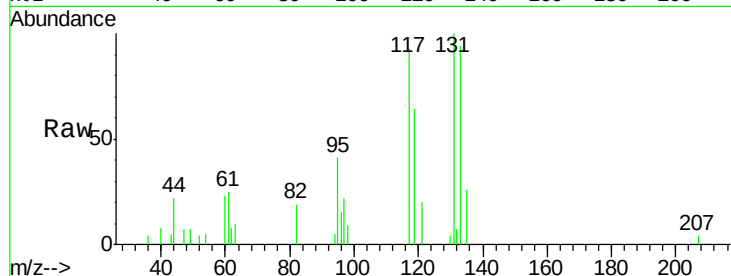
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.6	47.9	143.7
119	0.0	33.1	99.5#

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#67

Ethyl Benzene

Concen: 1.149 ug/l

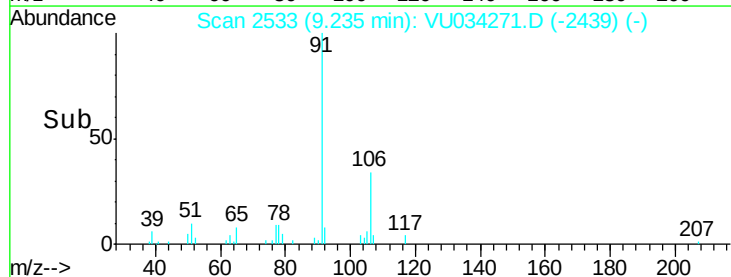
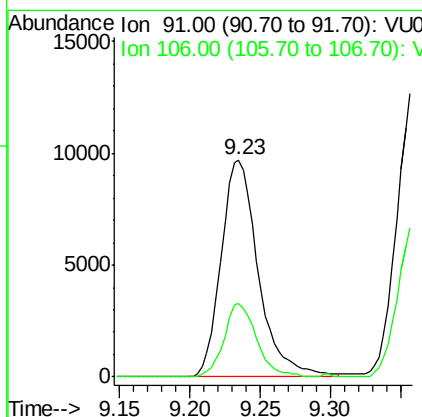
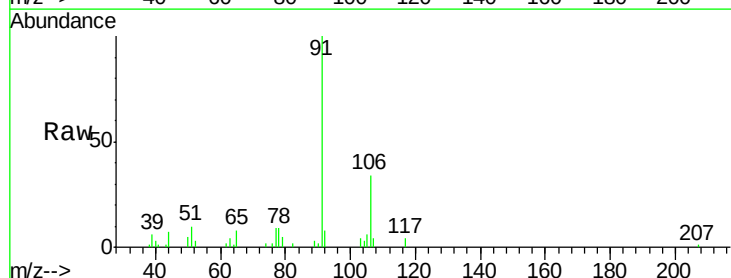
RT: 9.23 min Scan# 2533

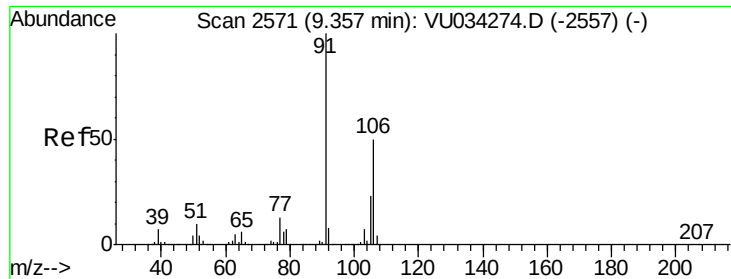
Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.9	24.8	37.2





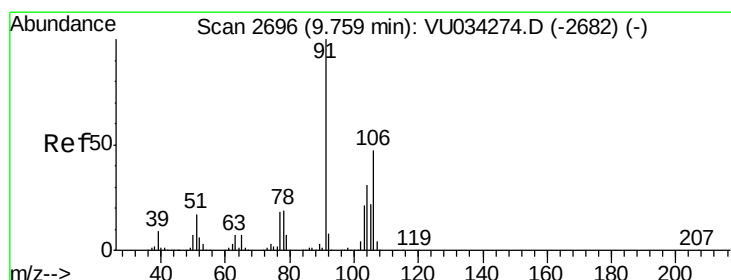
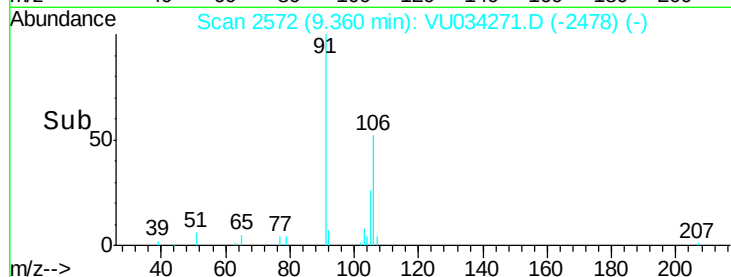
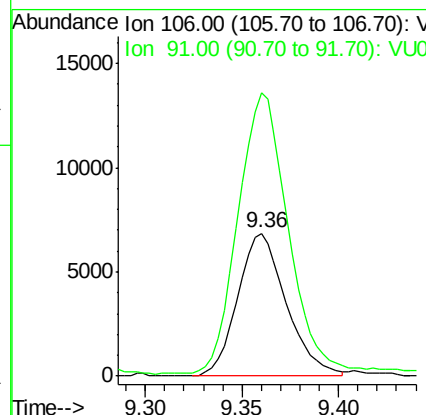
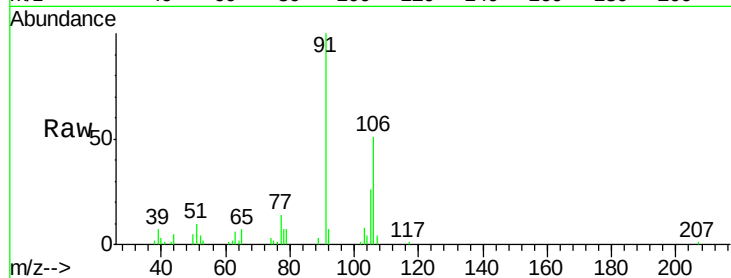
#68
m/p-Xylenes
Concen: 2.016 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		11955		
91	208.9	160.1	240.1		

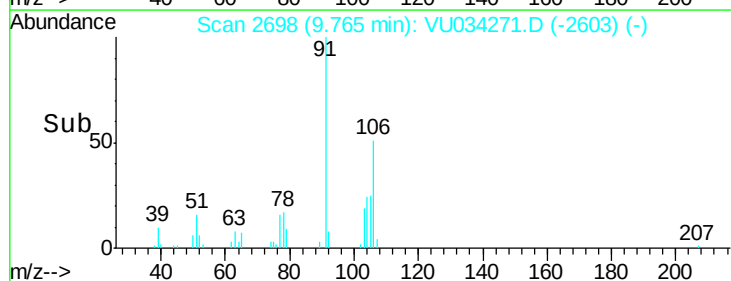
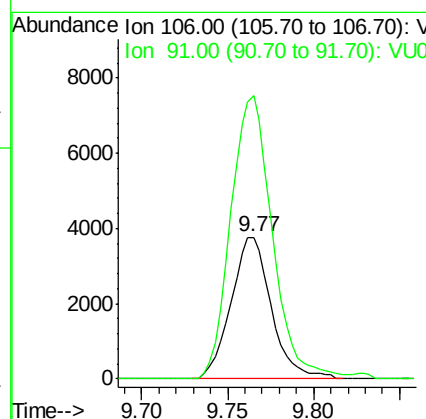
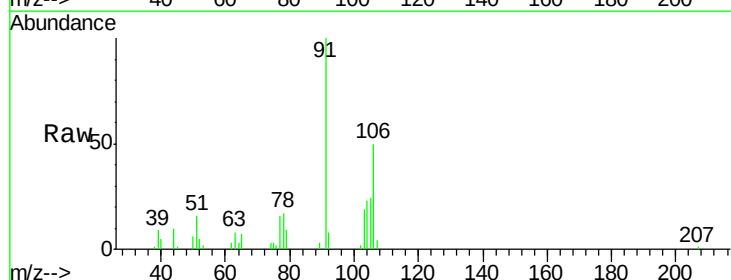
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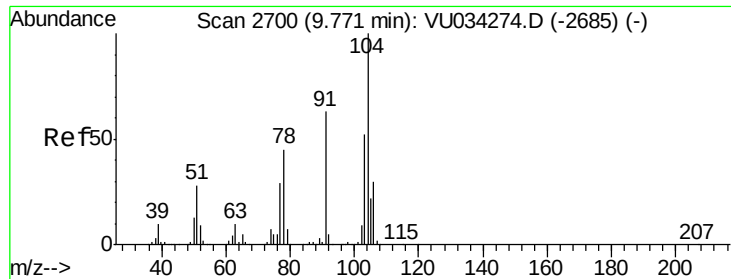
MMDadoda
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#69
o-Xylene
Concen: 1.078 ug/l
RT: 9.77 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		6143		
91	206.1	105.1	315.3		





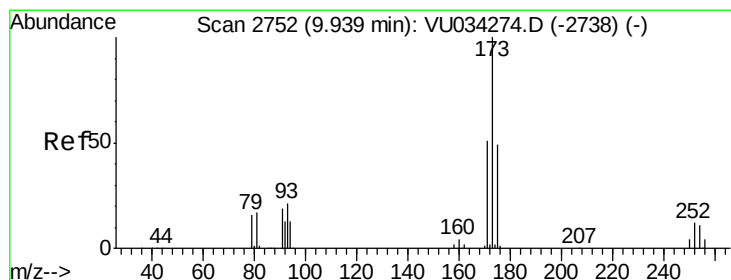
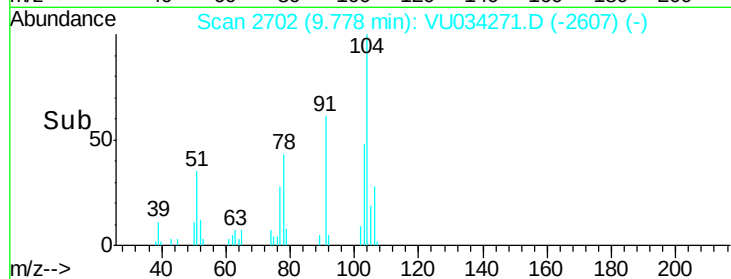
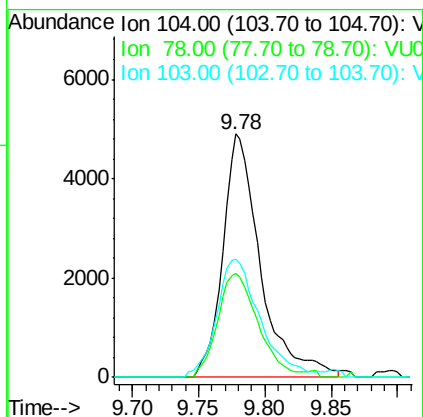
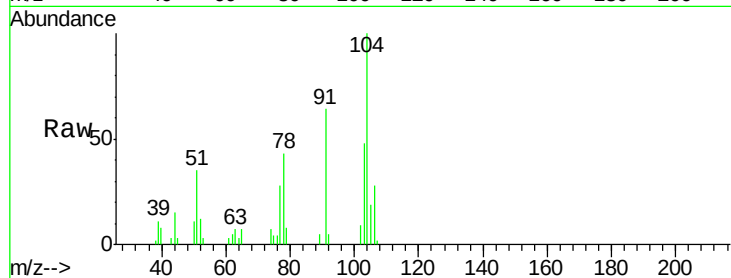
#70
Stvrene
Concen: 0.984 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.2	38.6	57.8
103	56.2	44.2	66.4

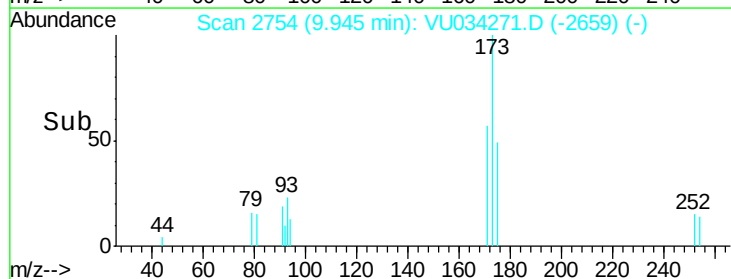
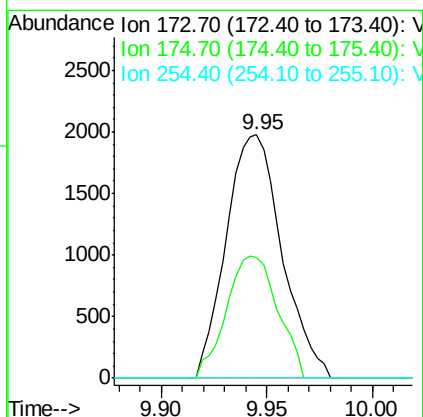
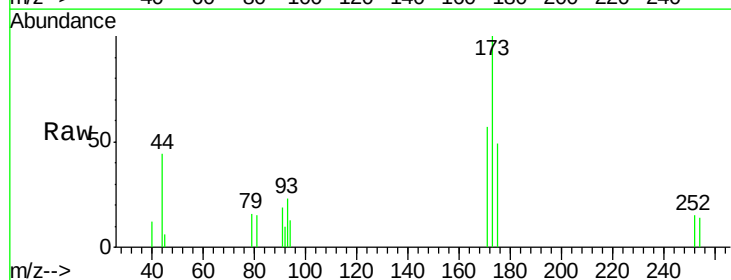
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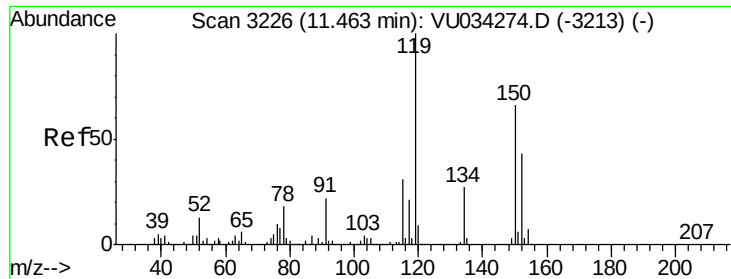
MMDadoda
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#71
Bromoform
Concen: 1.233 ug/l
RT: 9.95 min Scan# 2754
Delta R.T. 0.01 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	24.4	73.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

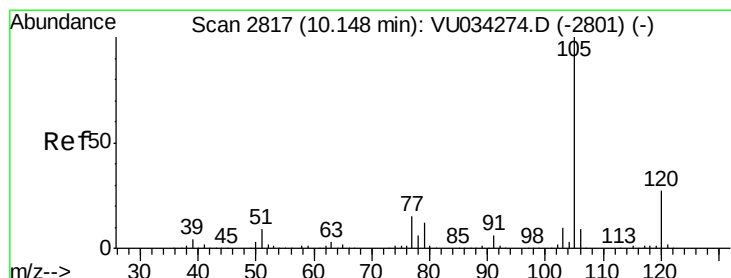
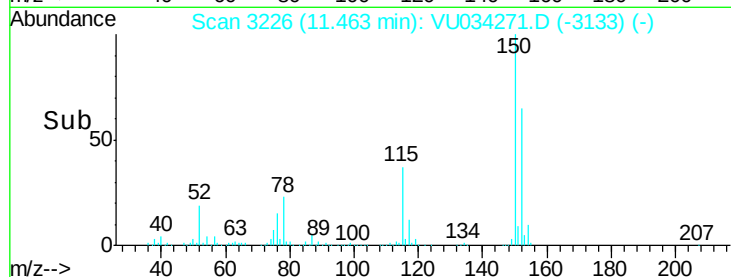
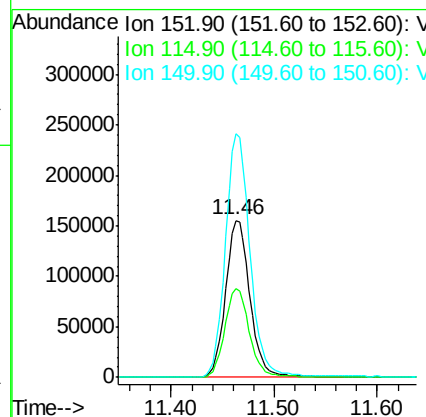
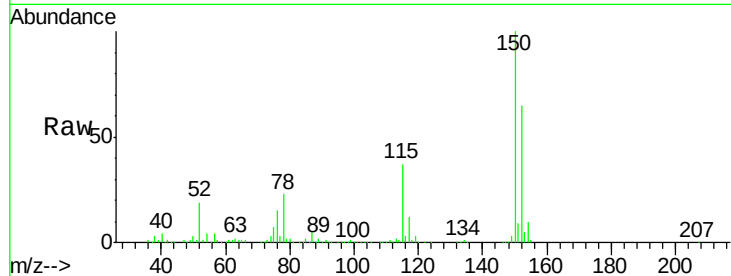
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	256207		
115	57.3	39.1	117.3	
150	156.7	0.0	345.4	

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.966 ug/l

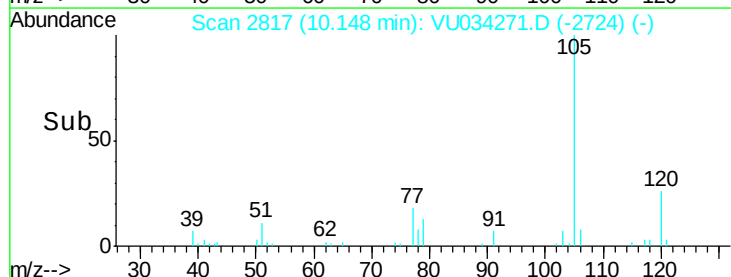
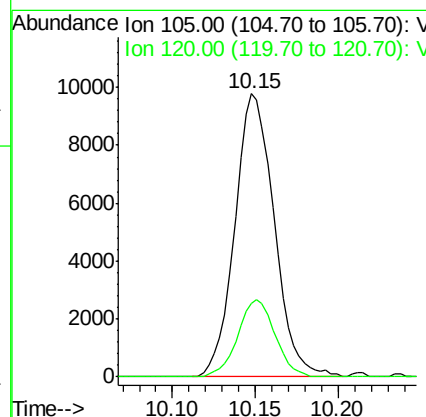
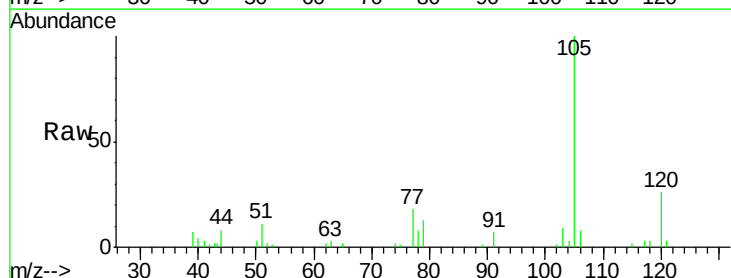
RT: 10.15 min Scan# 2817

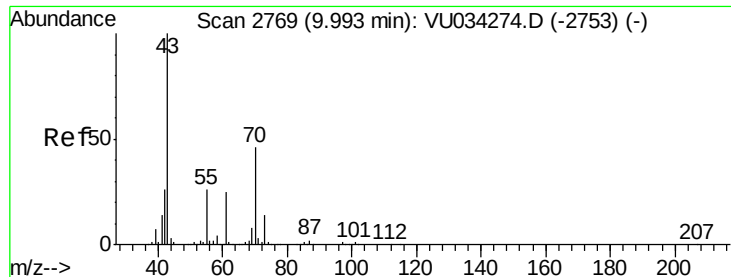
Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16212		
120	25.7	13.4	40.2	





#74

N-amvl acetate

Concen: 0.805 ug/l

RT: 10.01 min Scan# 2773

Delta R.T. 0.01 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5638

Ion Ratio Lower Upper

43 100

70 34.5 36.4 54.6#

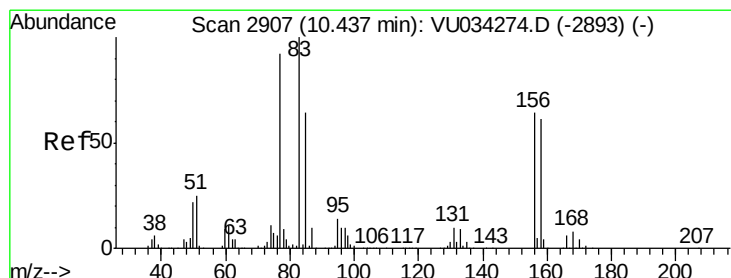
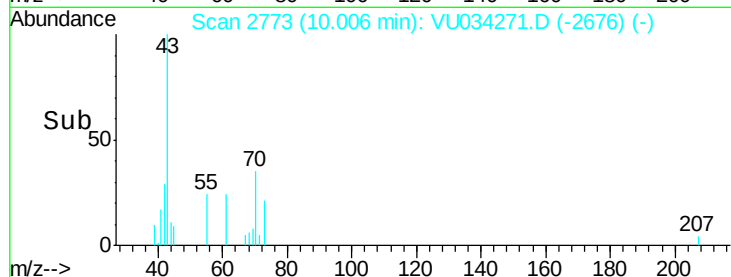
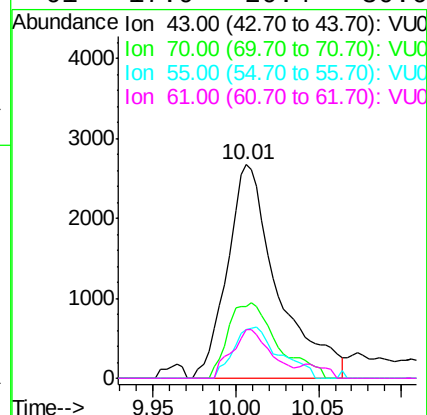
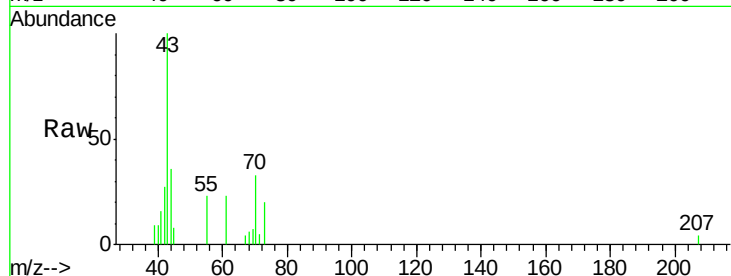
55 21.5 21.2 31.8

61 17.9 20.4 30.6#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.193 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

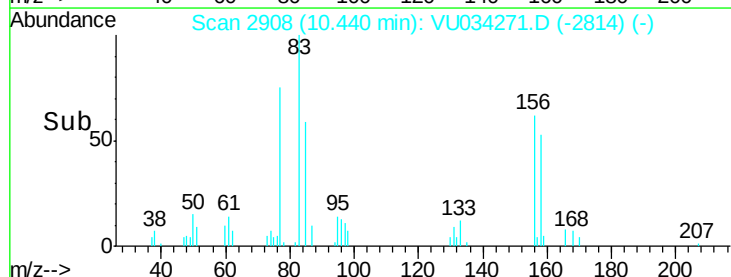
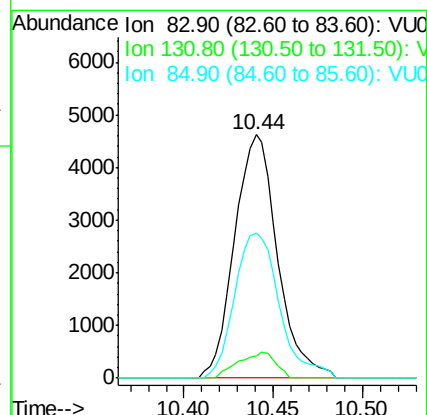
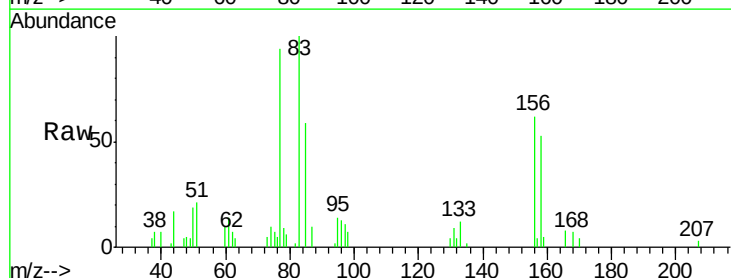
Tgt Ion: 83 Resp: 7748

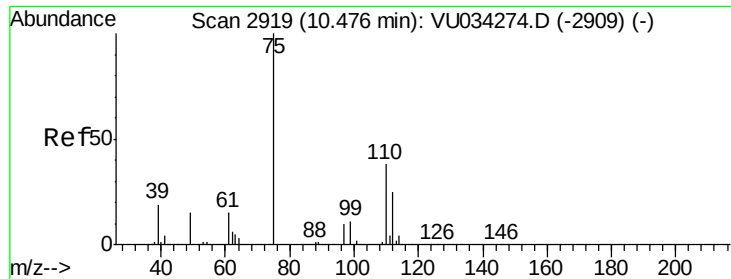
Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.2

85 62.3 32.0 96.2





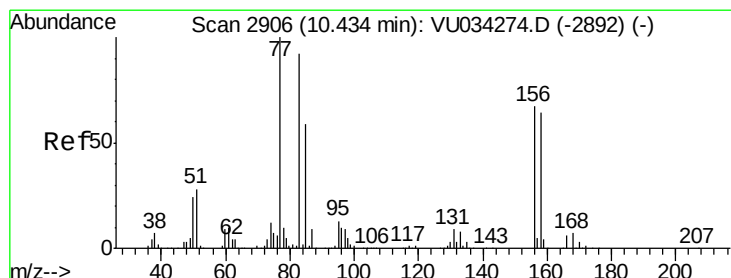
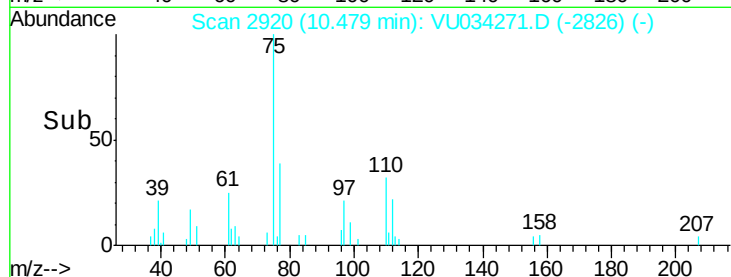
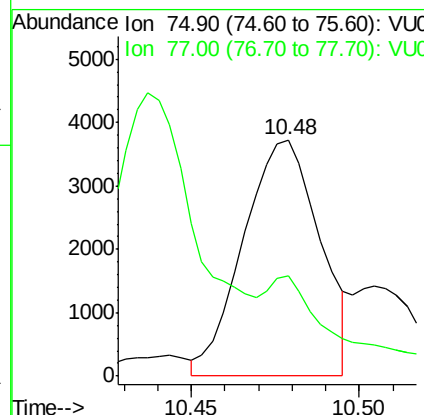
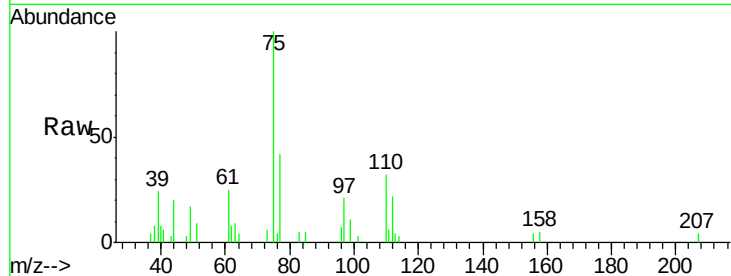
#76
 1,2,3-Trichloropropane
 Concen: 1.057 ug/l m
 RT: 10.48 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 5910
 Ion Ratio Lower Upper
 75 100
 77 12.5 20.8 62.2#

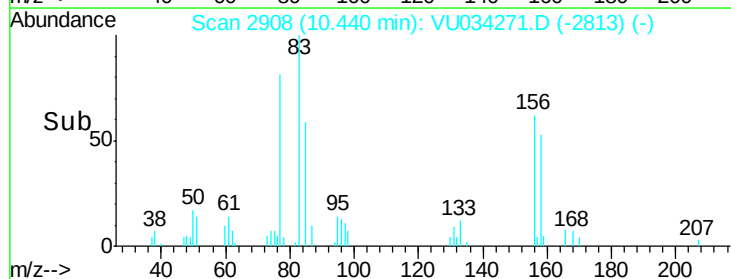
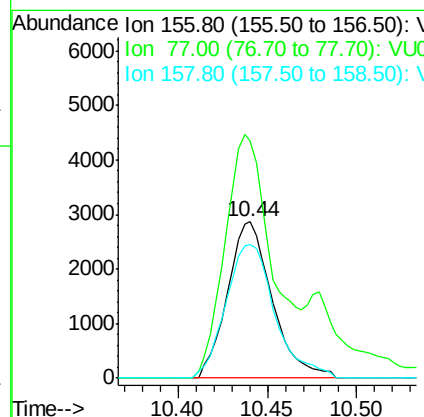
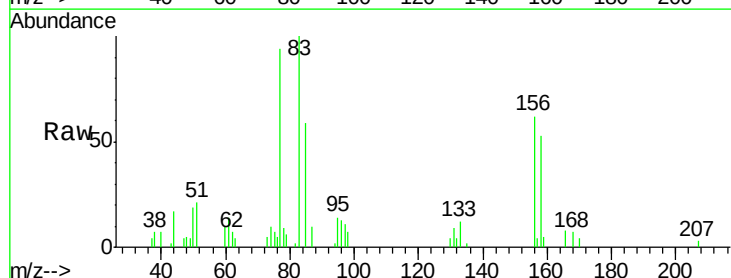
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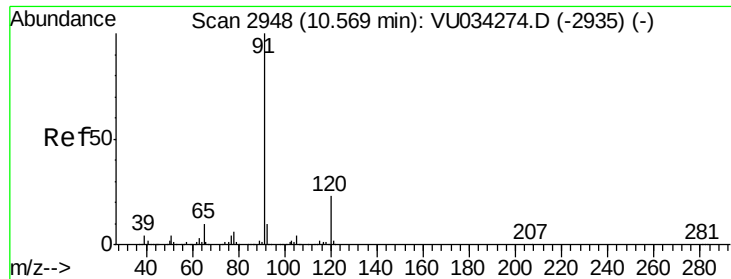
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#77
 Bromobenzene
 Concen: 1.095 ug/l
 RT: 10.44 min Scan# 2908
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion: 156 Resp: 4984
 Ion Ratio Lower Upper
 156 100
 77 164.7 75.6 226.9
 158 93.8 48.2 144.6





#78

n-propylbenzene

Concen: 0.915 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU034271.D

Acq: 05 Sep 2019 09:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17891

Ion Ratio Lower Upper

91 100

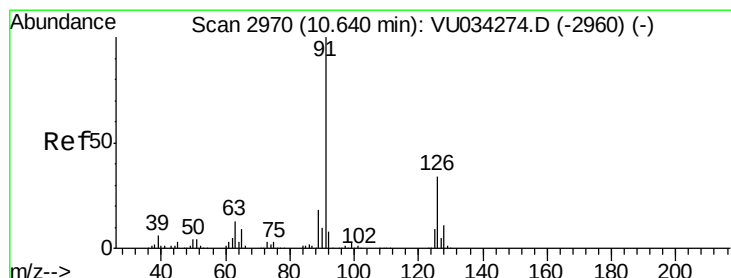
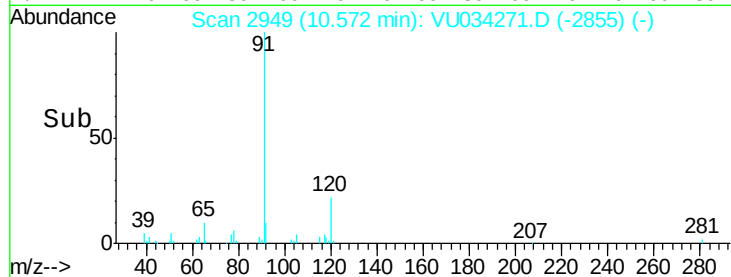
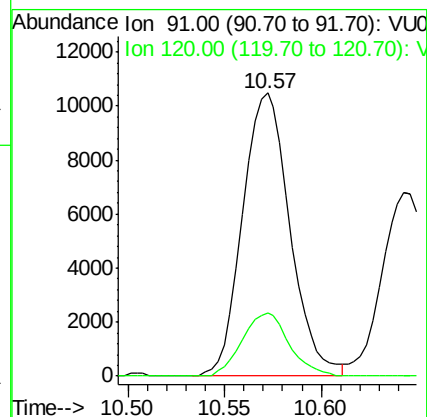
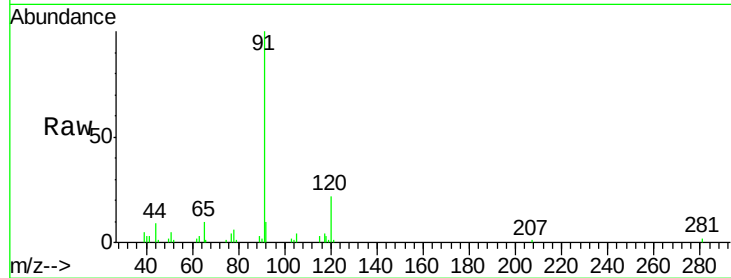
120 22.1 11.7 35.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 0.984 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU034271.D

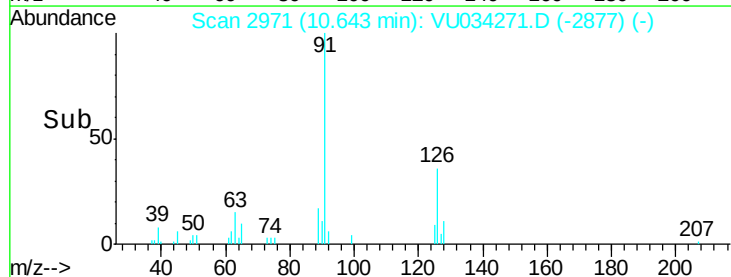
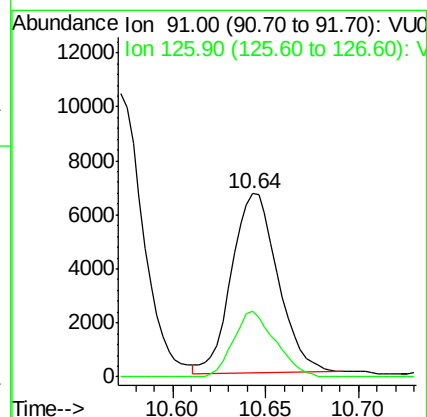
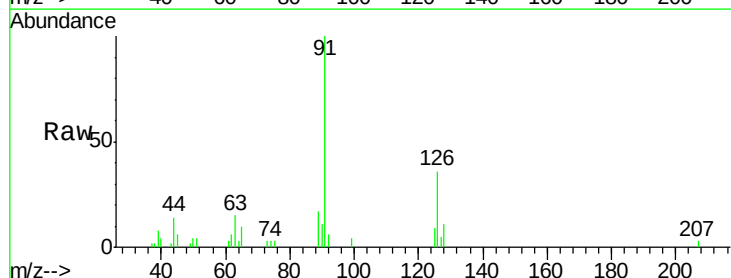
Acq: 05 Sep 2019 09:14

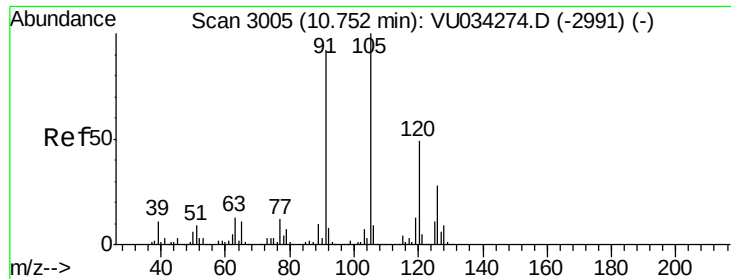
Tgt Ion: 91 Resp: 11560

Ion Ratio Lower Upper

91 100

126 33.0 17.3 51.9





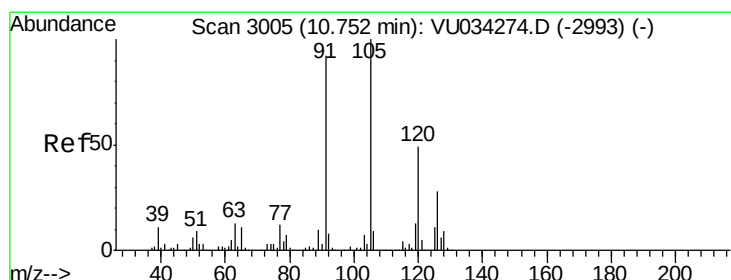
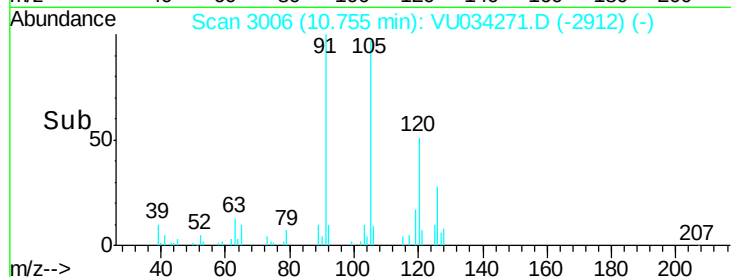
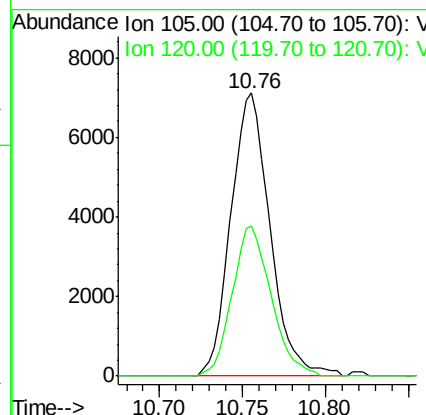
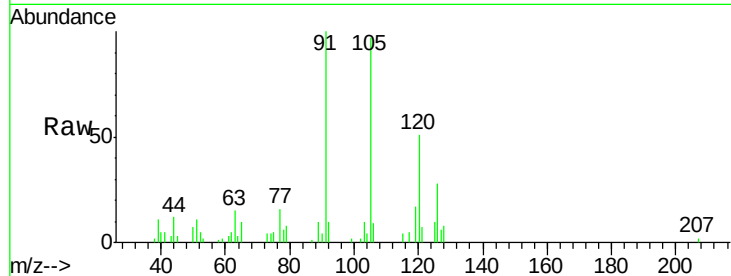
#80
 1,3,5-Trimethylbenzene
 Concen: 0.821 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 11681
 Ion Ratio Lower Upper
 105 100
 120 52.8 24.9 74.7

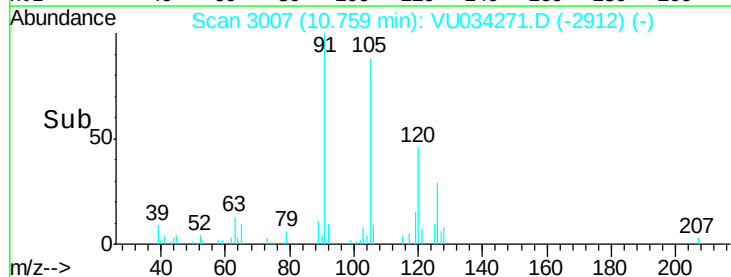
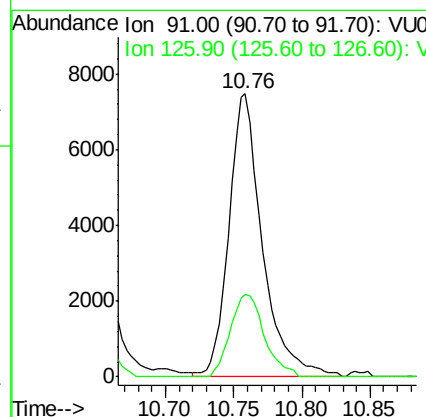
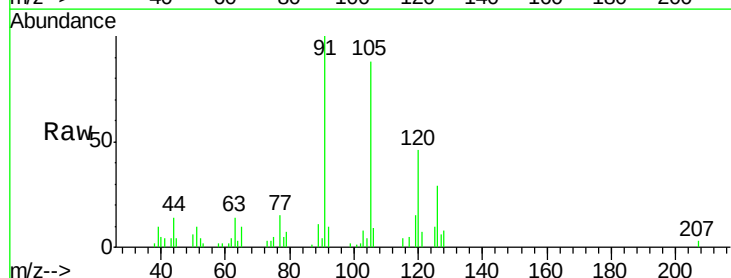
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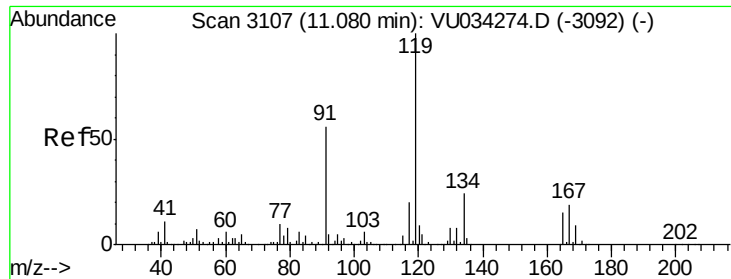
MMDadoda
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#82
 4-Chlorotoluene
 Concen: 0.942 ug/l
 RT: 10.76 min Scan# 3007
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion: 91 Resp: 12760
 Ion Ratio Lower Upper
 91 100
 126 29.7 15.3 45.8





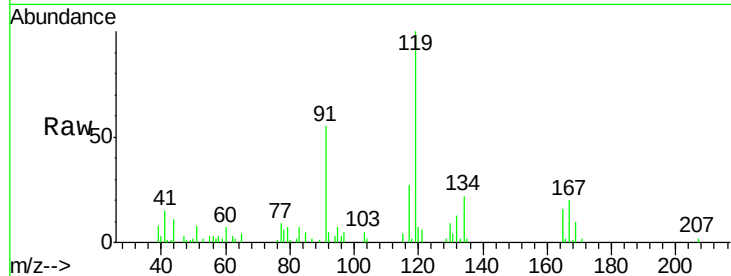
#83
 tert-Butylbenzene
 Concen: 0.941 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

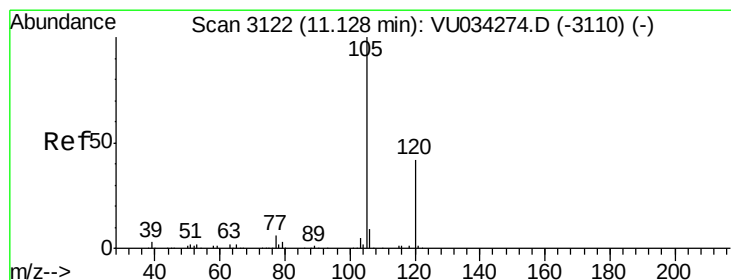
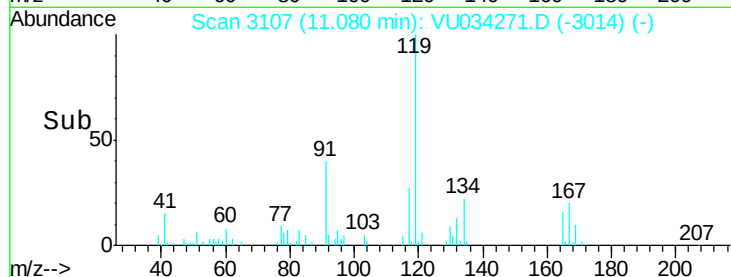
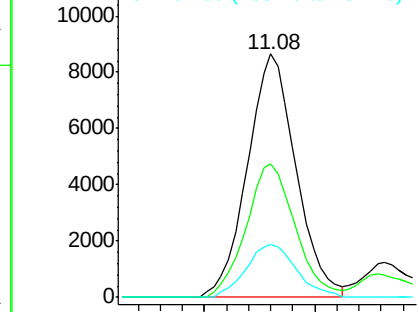
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.8	83.4
134	22.3	11.7	35.0

Manual Integrations
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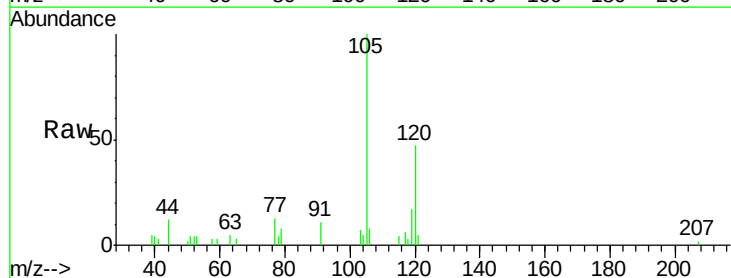


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

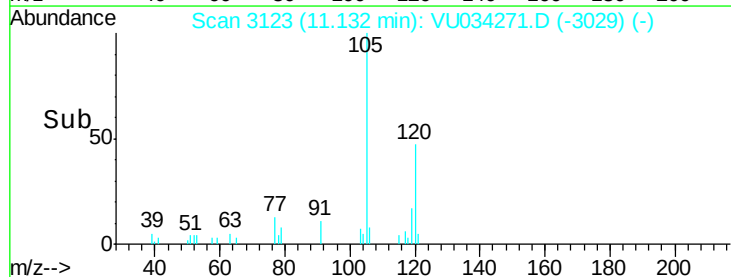
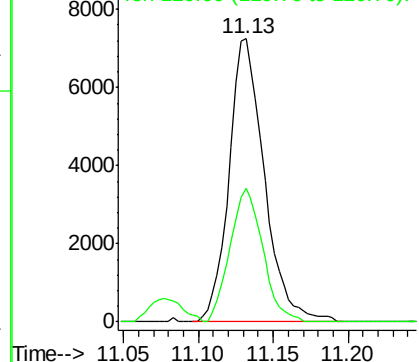


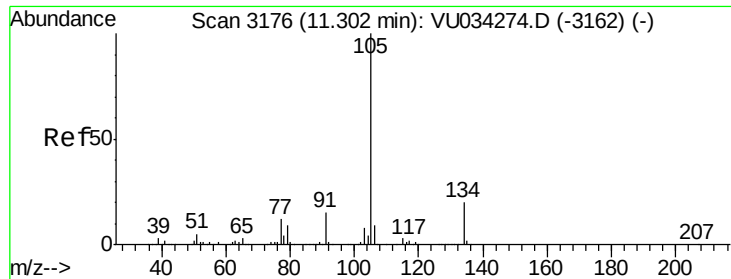
#84
 1,2,4-Trimethylbenzene
 Concen: 0.844 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.9	68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





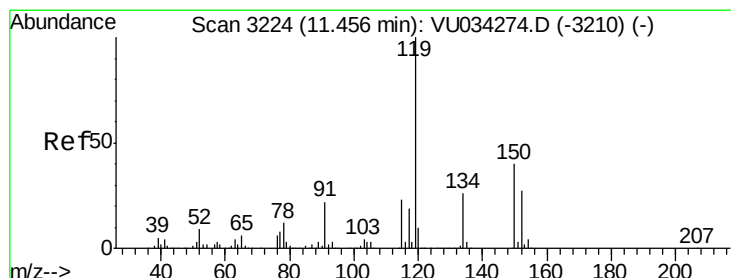
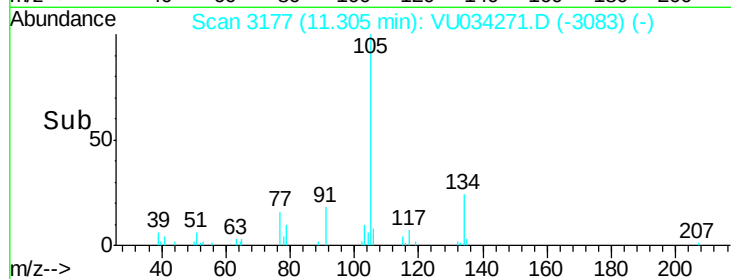
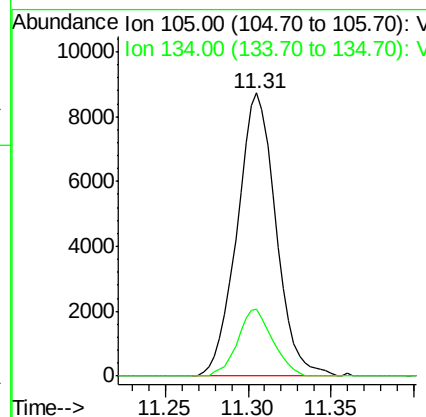
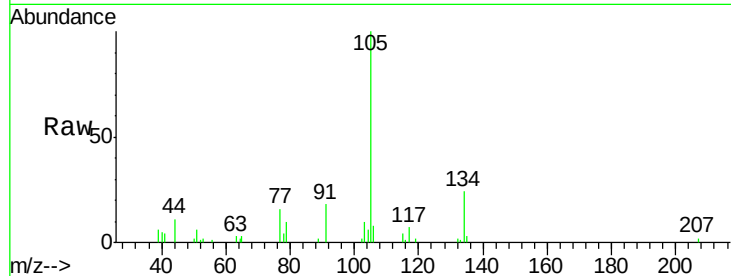
#85
 sec-Butylbenzene
 Concen: 0.845 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.1	30.3

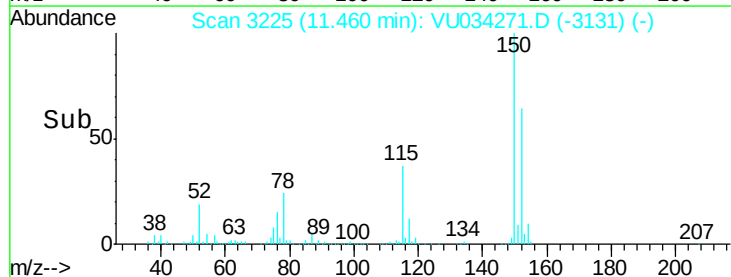
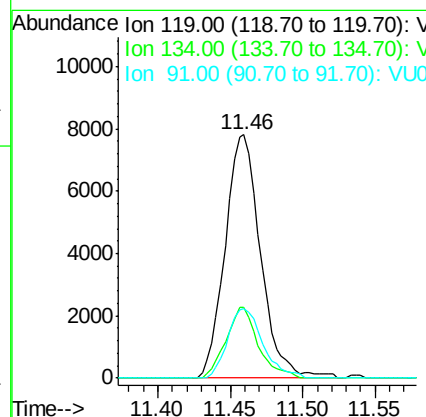
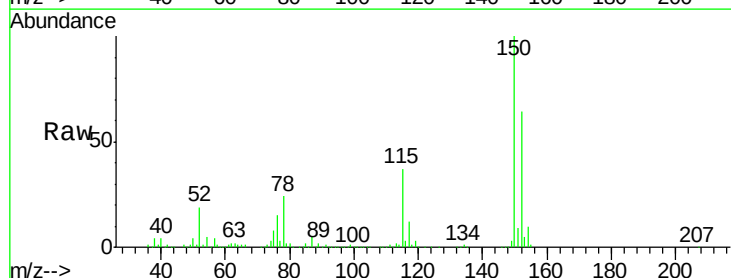
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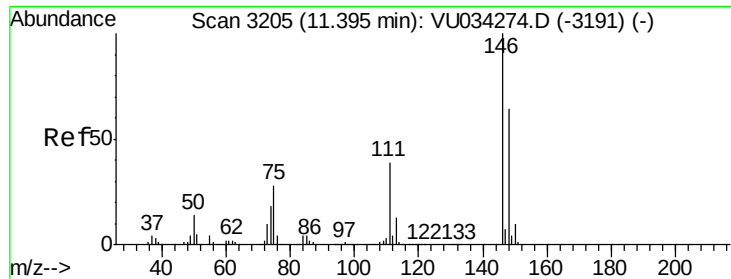
MMDadoda
 9/6/2019 3:21:22 PM



#86
 p-Isopropyltoluene
 Concen: 0.868 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	28.3	11.2	33.6





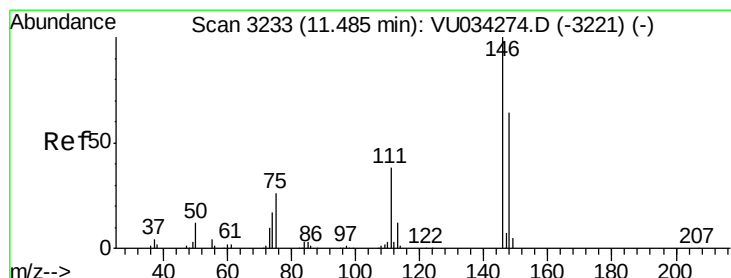
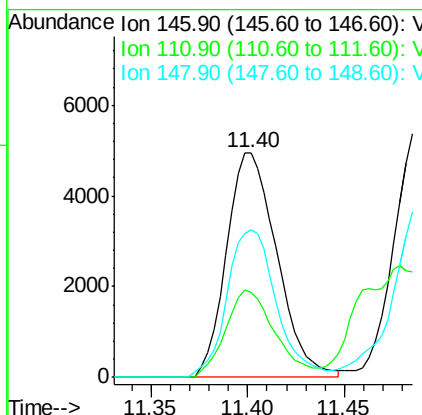
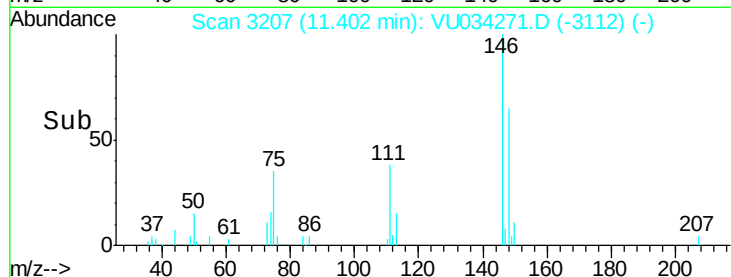
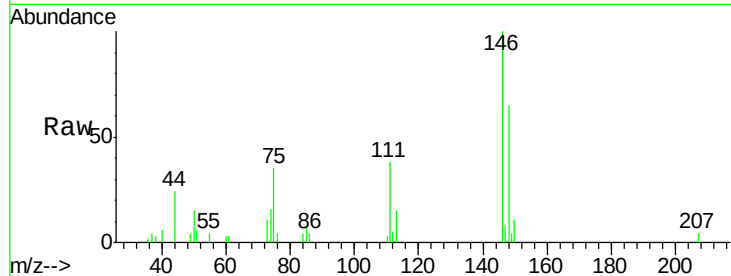
#87
 1,3-Dichlorobenzene
 Concen: 1.107 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.5	58.5
148	64.5	32.1	96.3

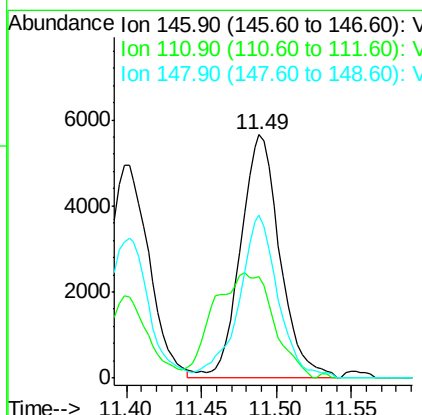
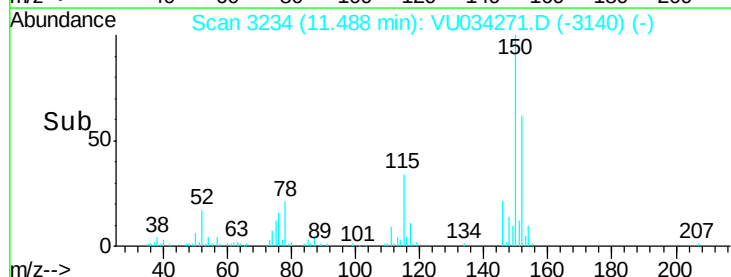
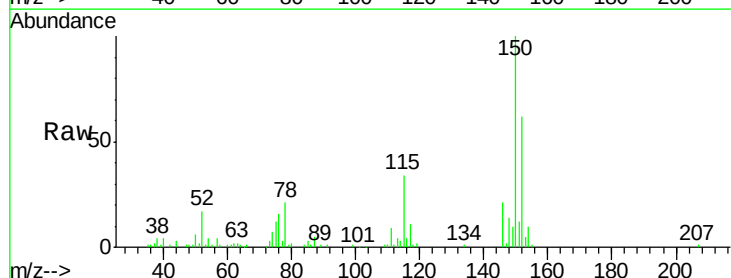
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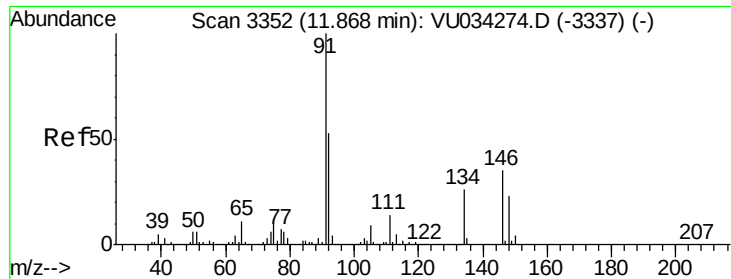
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#88
 1,4-Dichlorobenzene
 Concen: 1.258 ug/l m
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.2	19.1	57.3
148	55.9	32.0	96.0





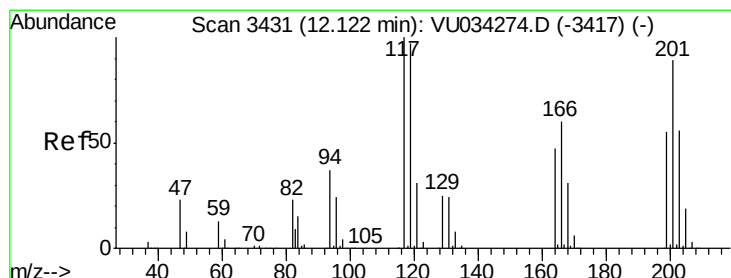
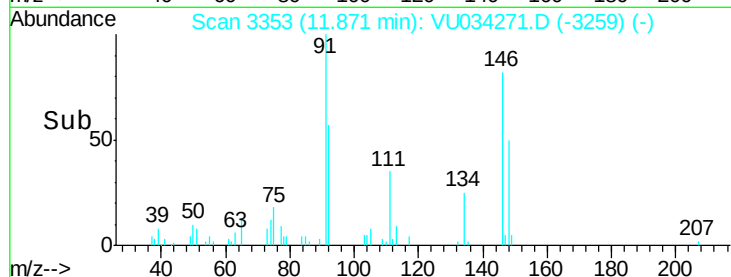
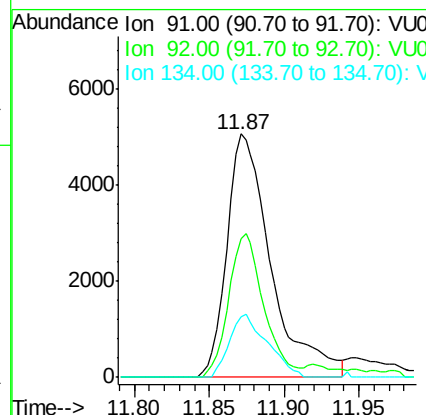
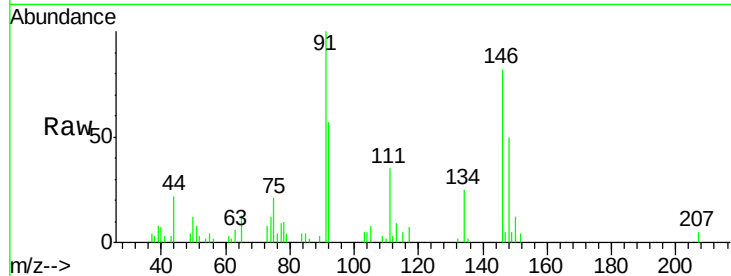
#89
n-Butylbenzene
Concen: 0.780 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.7	26.5	79.4
134	22.1	13.2	39.6

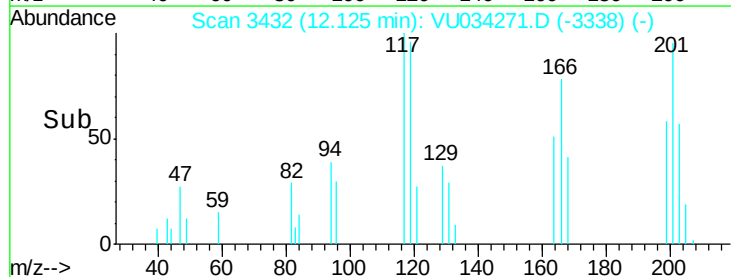
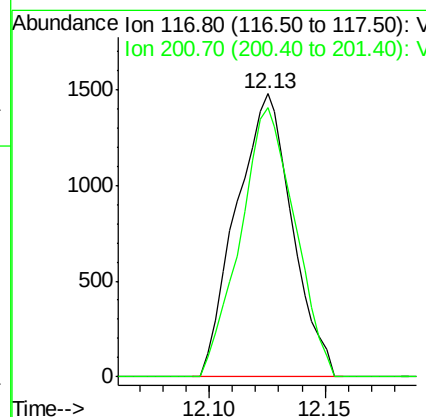
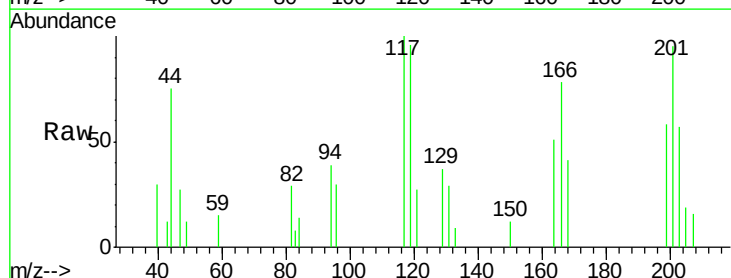
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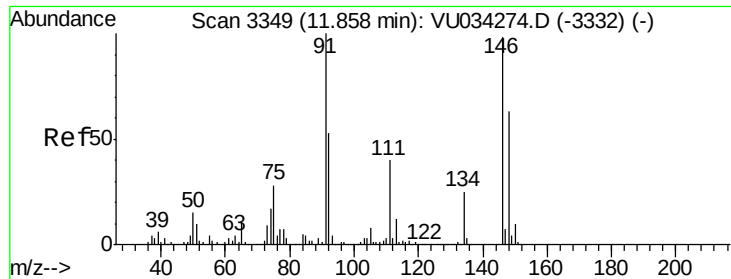
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#90
Hexachloroethane
Concen: 0.952 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.0	44.1	132.4





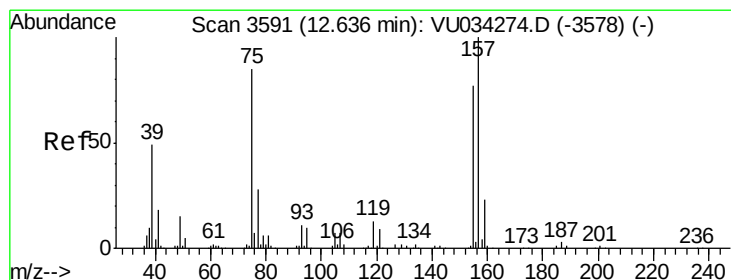
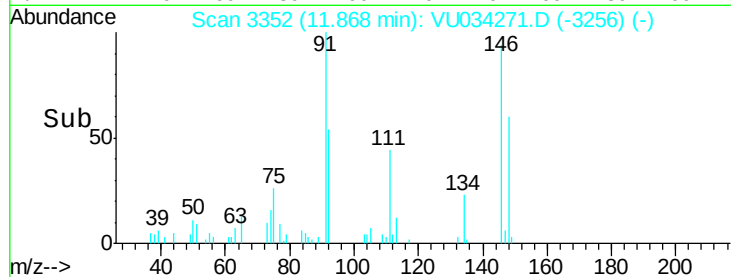
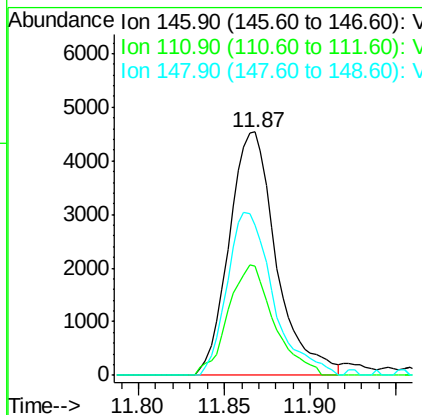
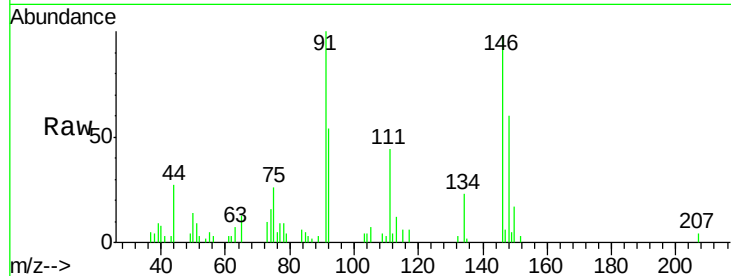
#91
 1,2-Dichlorobenzene
 Concen: 1.118 ug/l
 RT: 11.87 min Scan# 3352
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.0	60.0
148	65.0	31.6	94.8

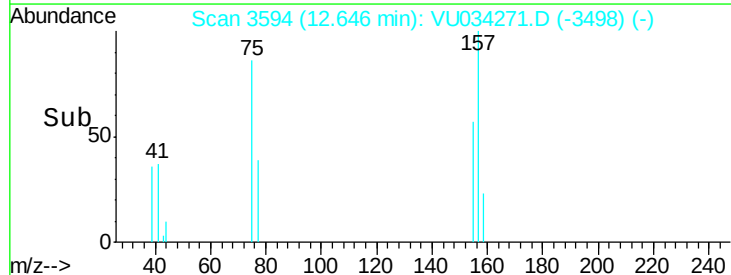
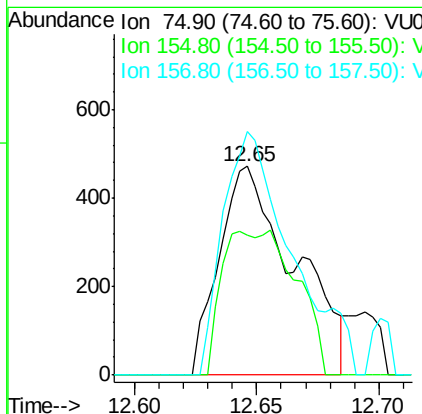
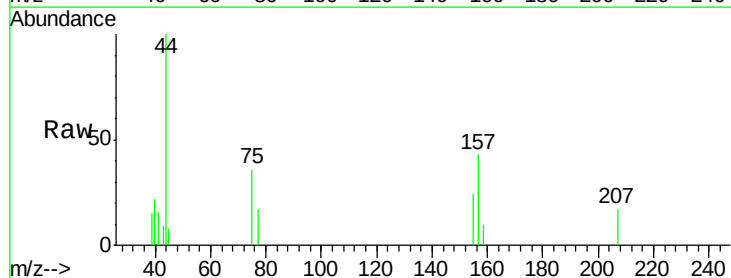
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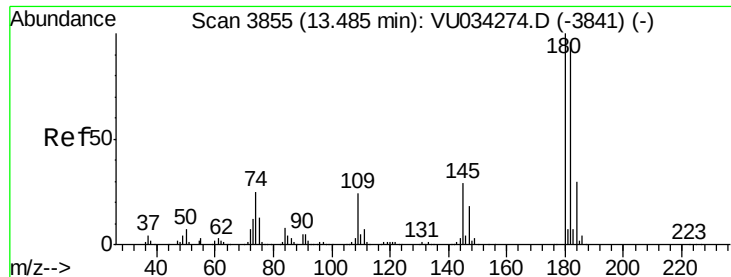
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.785 ug/l m
 RT: 12.65 min Scan# 3594
 Delta R.T. 0.01 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	32.0	44.6	134.0#
157	106.6	58.2	174.6





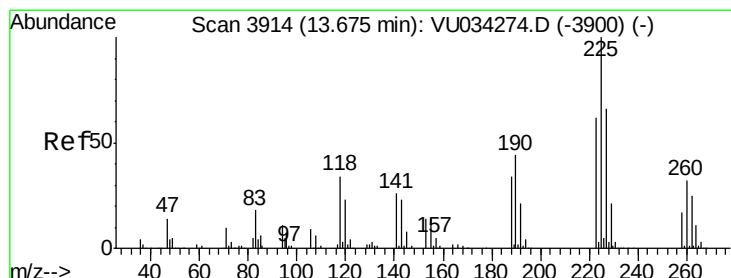
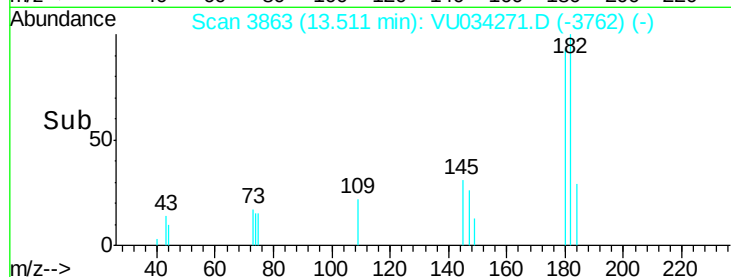
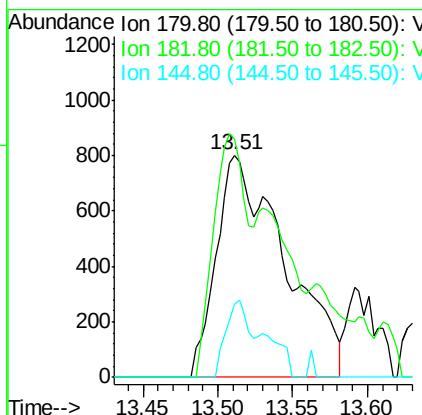
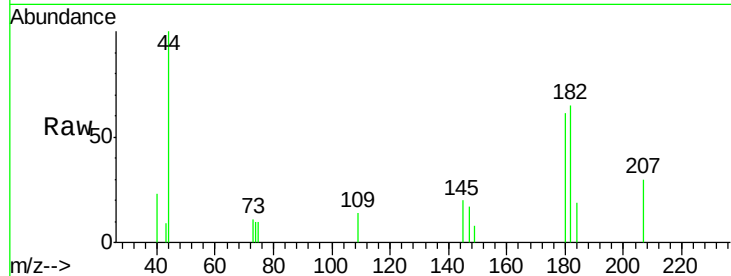
#93
 1,2,4-Trichlorobenzene
 Concen: 0.540 ug/l m
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.03 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	54.4	47.9	143.8
145	11.6	14.4	43.0#

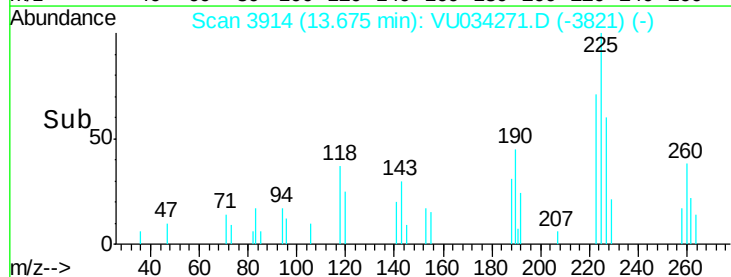
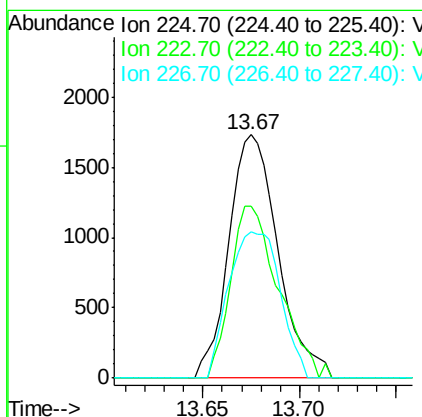
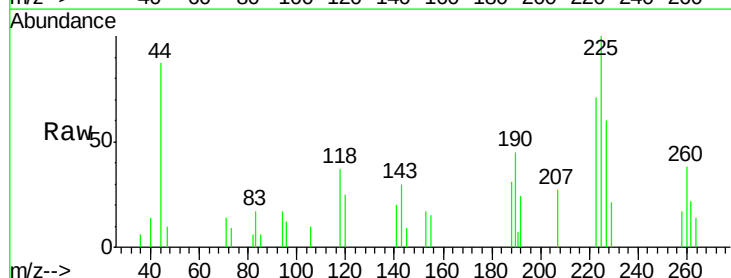
Manual Integrations
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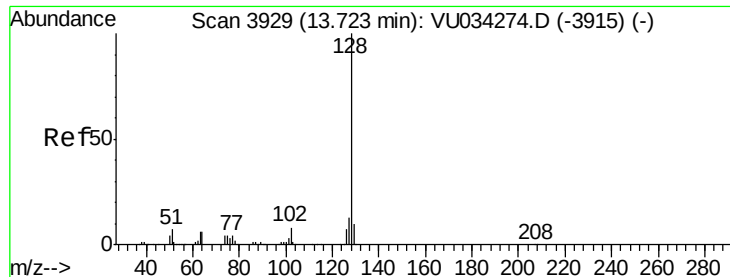
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#94
 Hexachlorobutadiene
 Concen: 1.025 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034271.D
 Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.0	31.6	94.7
227	63.1	32.3	96.8





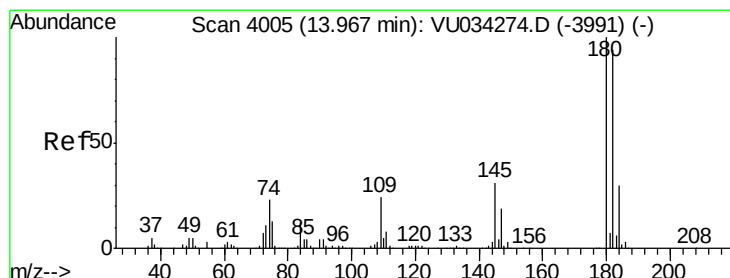
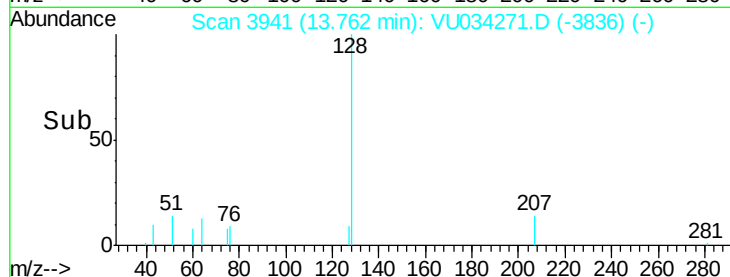
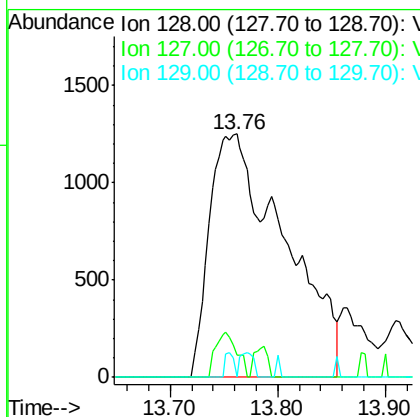
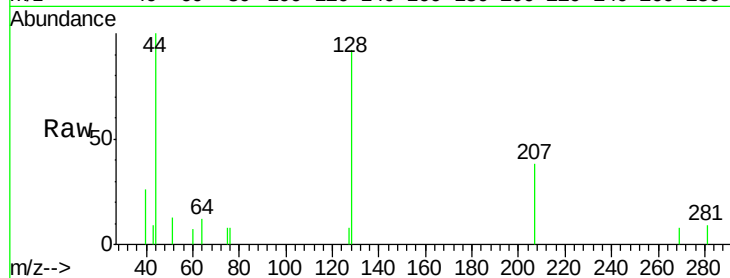
#95
Naphthalene
Concen: 0.461 ug/l m
RT: 13.76 min Scan# 3941
Delta R.T. 0.04 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	1.9	8.4	12.6#

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.766 ug/l m
RT: 13.98 min Scan# 4010
Delta R.T. 0.02 min
Lab File: VU034271.D
Acq: 05 Sep 2019 09:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	62.9	48.4	145.0
145	21.0	15.4	46.4

