

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035540.D
 Acq On : 29 Oct 2019 14:44
 Operator : JC/SP
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

MMDadoda

10/30/2019 10:38:58 AM

Quant Time: Oct 30 05:34:25 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Oct 30 05:08:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	82434	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	30430	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	33403	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.39	85	437255	14.423	ug/l	100
3) Chloromethane	1.54	50	500062	14.780	ug/l	99
4) Vinyl Chloride	1.62	62	484581	14.741	ug/l	99
5) Bromomethane	1.87	94	243285	12.956	ug/l	99
6) Chloroethane	1.95	64	277190	14.587	ug/l	99
7) Trichlorofluoromethane	2.16	101	590187	14.611	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	316933	14.529	ug/l	99
9) 1,1-Dichloroethene	2.61	96	304681	13.938	ug/l	99
10) Iodomethane	2.75	142	245410	12.947	ug/l	98
11) Allyl Chloride	2.96	41	523363	14.517	ug/l	100
12) Acrylonitrile	3.37	53	155264	32.943	ug/l	97
13) Acetone	2.67	43	375269	94.410	ug/l	98
14) Carbon Disulfide	2.82	76	1084515	14.122	ug/l	99
15) Methylene Chloride	3.08	84	361114	14.014	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	337993	13.841	ug/l	99
17) 1,1-Dichloroethane	3.92	63	643438	13.866	ug/l	99
18) 2-Butanone	4.78	43	509507	90.893	ug/l	100
19) Cyclohexane	5.43	56	561740m	15.734	ug/l	
20) Methylcyclohexane	6.80	83	579183	15.363	ug/l	100
21) 2,2-Dichloropropane	4.72	77	548334	14.316	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	387222	14.634	ug/l	100
23) Diethyl Ether	2.41	59	259514	15.586	ug/l	99
24) tert-Butyl Alcohol	3.26	59	268123	117.126	ug/l	98
25) Methyl tert-Butyl Ether	3.43	73	835618	15.681	ug/l	99
26) Bromochloromethane	5.02	128	161650	14.399	ug/l	100
27) Chloroform	5.14	83	642262	13.249	ug/l	98
28) 1,1,1-Trichloroethane	5.36	97	539318	14.211	ug/l	99
29) 1,1-Dichloropropene	5.57	75	485723	14.861	ug/l	99
30) Carbon Tetrachloride	5.56	117	490028	14.414	ug/l	99
31) Isopropyl Ether	4.07	45	972341	14.607	ug/l	99
32) Ethyl-t-butyl ether	4.57	59	915317	15.857	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	813248	16.748	ug/l	100
34) Propionitrile	4.85	54	138193	86.182	ug/l	97
35) Benzene	5.82	78	1430489	14.577	ug/l	99
36) 1,2-Dichloroethane	5.84	62	398754	15.610	ug/l	100
37) Trichloroethene	6.58	130	389355	14.206	ug/l	100
38) 1,2-Dichloropropane	6.83	63	384102	14.705	ug/l	100
39) Methacrylonitrile	5.04	41	116753	17.617	ug/l	99
40) Methyl acrylate	4.91	55	184141	18.209	ug/l	98
41) Tetrahydrofuran	5.13	42	116608	34.415	ug/l #	39
42) 1-Chlorobutane	5.50	56	679254	15.312	ug/l	99

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Manual Integrations
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Quant Time: Oct 30 05:34:25 2019
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 QLast Update : Wed Oct 30 05:08:49 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	193230	15.452	ug/l	99
44) Bromodichloromethane	7.15	83	474971	14.957	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	1139042	89.228	ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	212824m	40.053	ug/l	
47) Methyl methacrylate	7.01	69	358162	35.876	ug/l	97
48) Ethyl methacrylate	8.38	69	339876	18.863	ug/l	99
49) Toluene	8.01	92	895970	15.665	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	465129	17.432	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	543175	16.445	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	268786	15.511	ug/l	99
53) 1,3-Dichloropropane	8.61	76	467786	16.098	ug/l	100
54) 2-Hexanone	8.73	43	835555	97.054	ug/l	99
55) Dibromochloromethane	8.84	129	338870	16.077	ug/l	99
56) 1,2-Dibromoethane	8.96	107	261980	16.366	ug/l	99
58) Tetrachloroethene	8.58	164	362226	13.965	ug/l	98
59) Chlorobenzene	9.48	112	1003640	15.635	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	365947	15.341	ug/l	99
61) Pentachloroethane	11.46	117	292753	15.094	ug/l	99
62) Hexachloroethane	12.50	117	273710	15.811	ug/l	99
63) Ethyl Benzene	9.60	91	1713112	16.730	ug/l	100
64) m/p-Xylenes	9.72	106	1355798	32.809	ug/l #	1
65) o-Xylene	10.13	106	641056	16.274	ug/l	100
66) Styrene	10.14	104	1109328	16.800	ug/l	99
67) Bromoform	10.32	173	215169	17.131	ug/l	100
69) Isopropylbenzene	10.51	105	1697925	16.504	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	362420	16.172	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	241258m	15.434	ug/l	
72) Bromobenzene	10.81	156	431242	15.373	ug/l	99
73) n-propylbenzene	10.93	120	487519	16.434	ug/l	100
74) 2-Chlorotoluene	11.01	126	423613	15.793	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	1433303	15.712	ug/l	100
76) 4-Chlorotoluene	11.12	126	436790	15.967	ug/l	97
77) tert-Butylbenzene	11.45	119	1417032	15.901	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	1451190	15.751	ug/l	100
79) sec-Butylbenzene	11.67	105	1844383	15.445	ug/l	99
80) Nitrobenzene	13.24	77	36394	79.416	ug/l	95
81) p-Isopropyltoluene	11.82	119	1530627	15.478	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	831185	14.411	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	817725	14.281	ug/l	100
84) n-Butylbenzene	12.23	91	1326882	14.727	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	779719	14.821	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	51656	17.494	ug/l	98
87) 1,2,4-Trichlorobenzene	13.86	180	369681	12.899	ug/l	99
88) Hexachlorobutadiene	14.04	225	269798	12.054	ug/l	99
89) Naphthalene	14.11	128	582623	15.554	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	355214	13.318	ug/l	99

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

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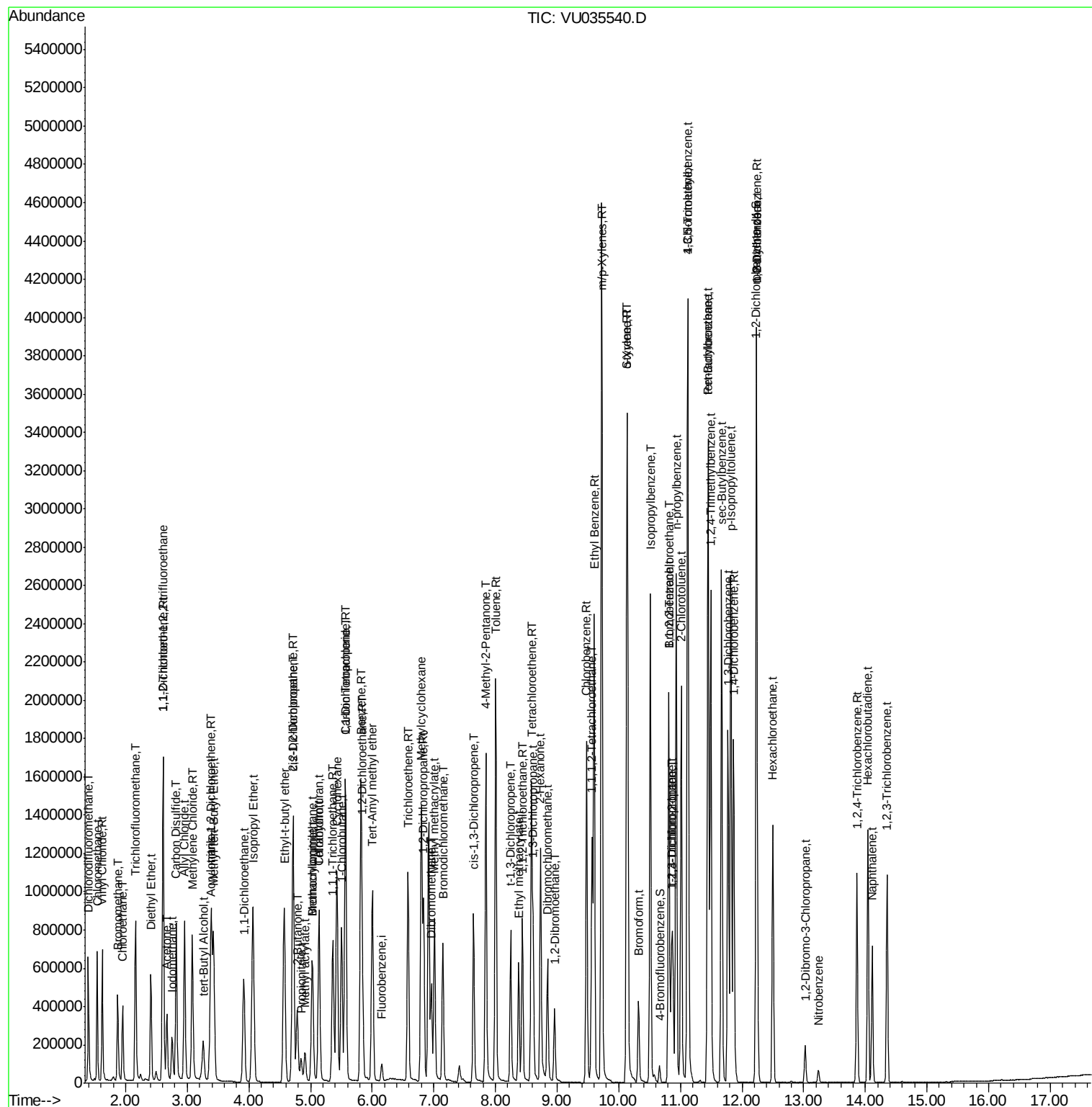
Instrument :
MSVOA_U
ClientSampleID :
VSTDIC015

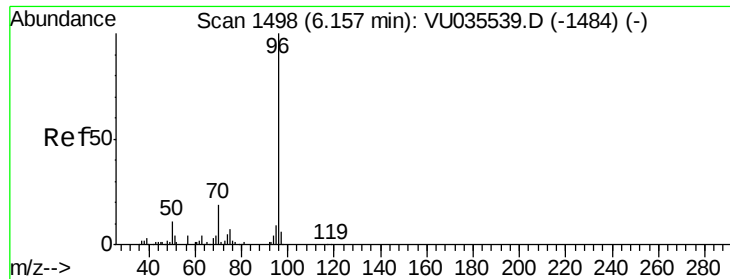
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 96 Resp: 82434

Ion Ratio Lower Upper

96 100

70 18.1 15.8 23.8

95 9.1 7.4 11.2

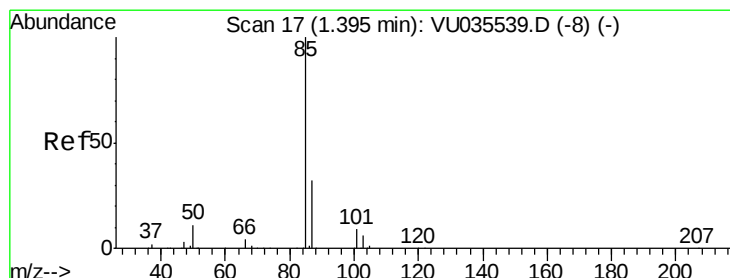
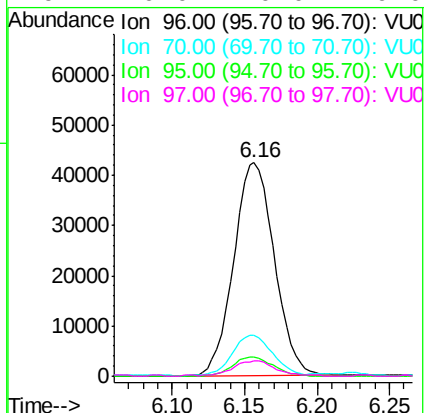
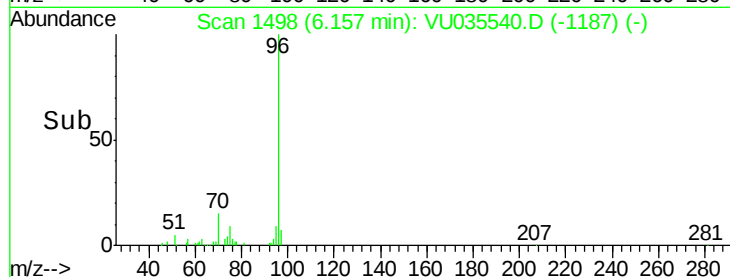
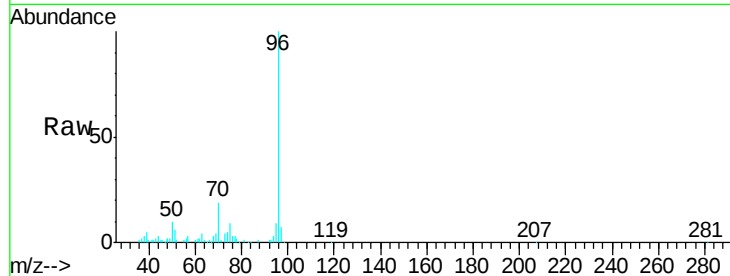
97 0.0 0.0 0.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 14.423 ug/l

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU035540.D

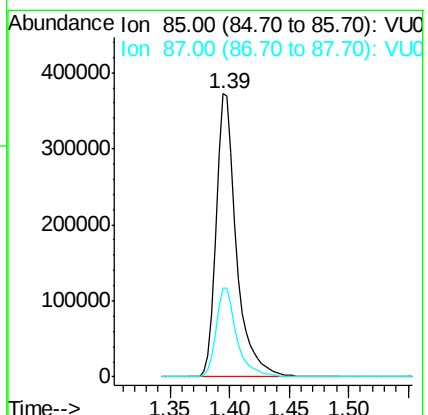
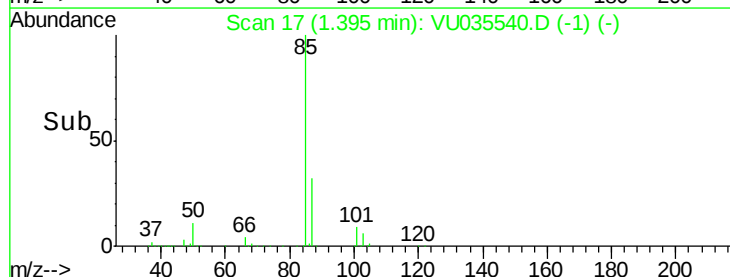
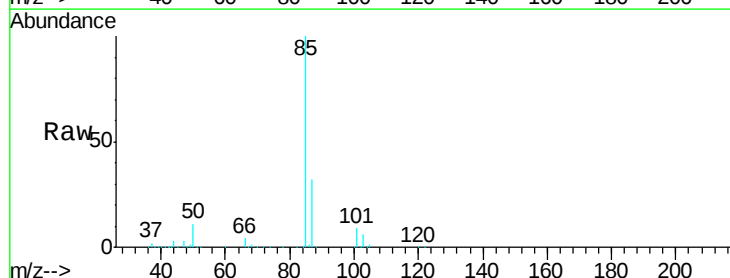
Acq: 29 Oct 2019 14:44

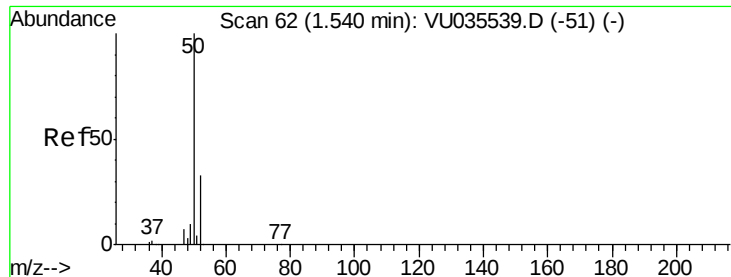
Tgt Ion: 85 Resp: 437255

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4





#3

Chloromethane

Concen: 14.780 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 50 Resp: 500062

Ion Ratio Lower Upper

50 100

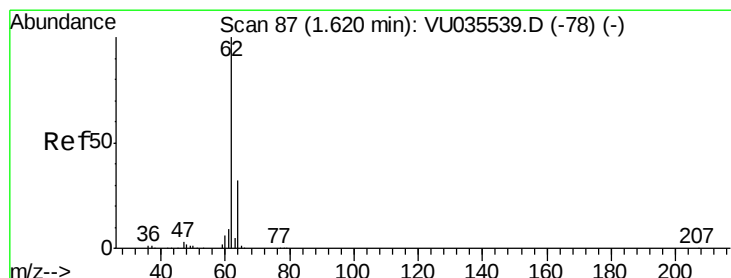
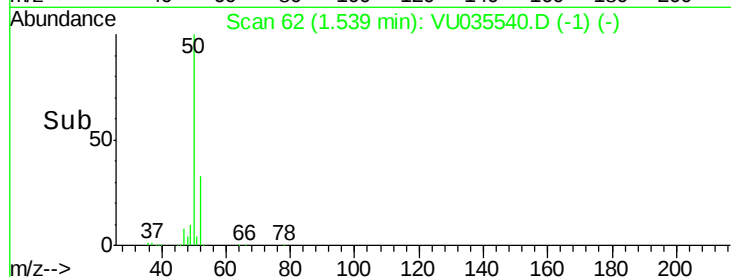
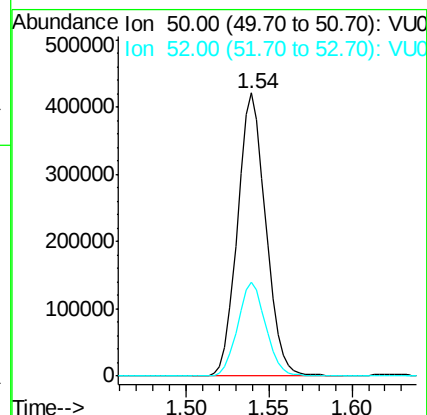
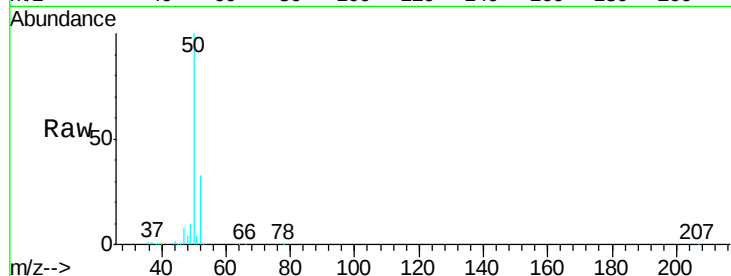
52 33.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 14.741 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035540.D

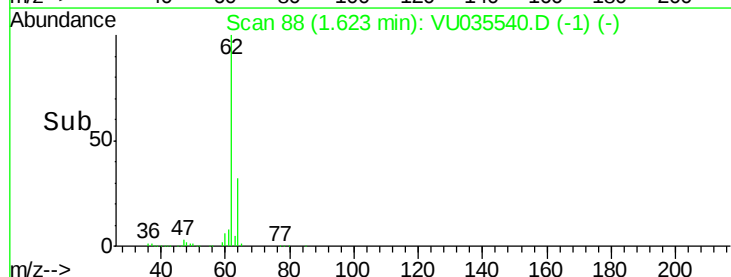
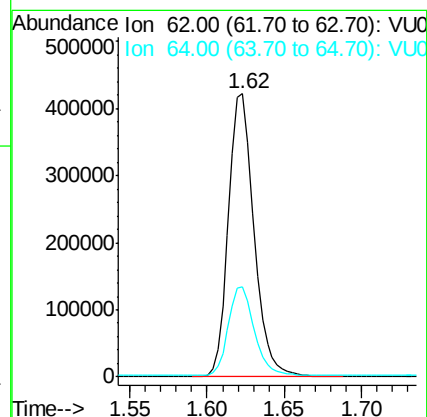
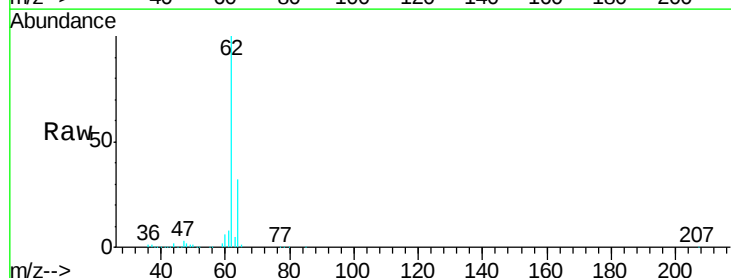
Acq: 29 Oct 2019 14:44

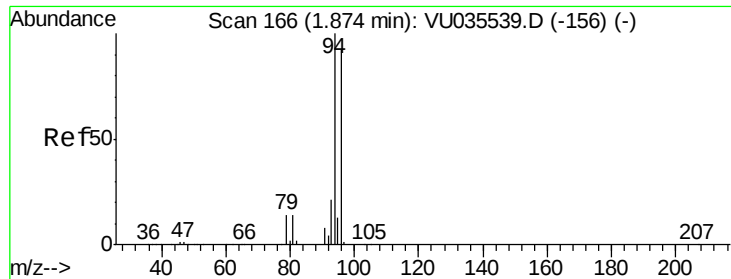
Tgt Ion: 62 Resp: 484581

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 12.956 ug/l

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 94 Resp: 243285

Ion Ratio Lower Upper

94 100

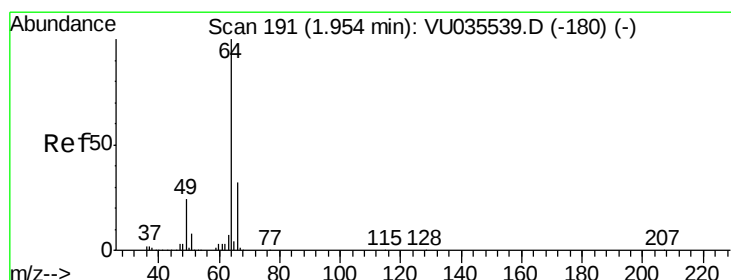
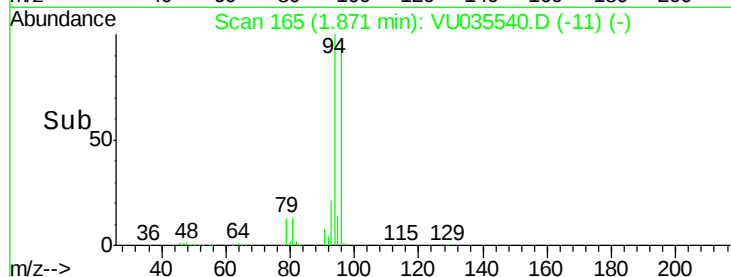
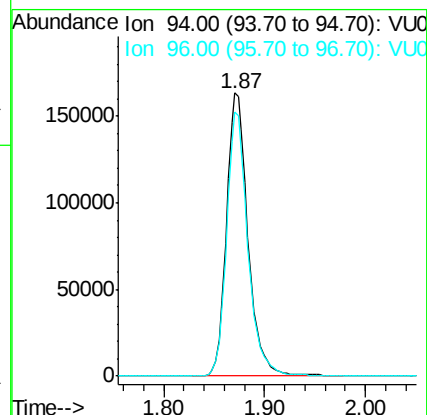
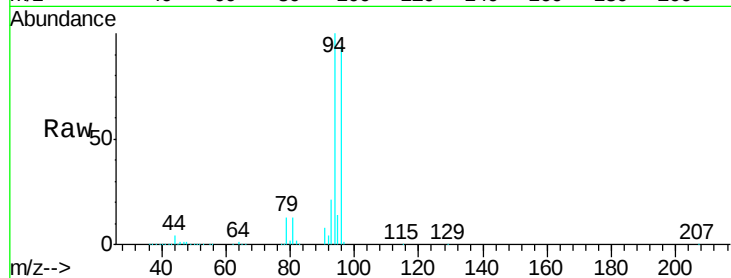
96 93.5 73.8 110.8

Manual Integrations

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#6

Chloroethane

Concen: 14.587 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035540.D

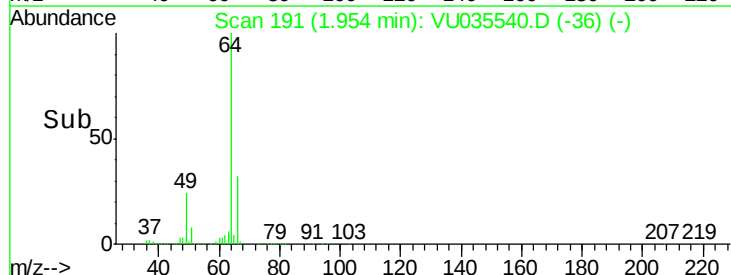
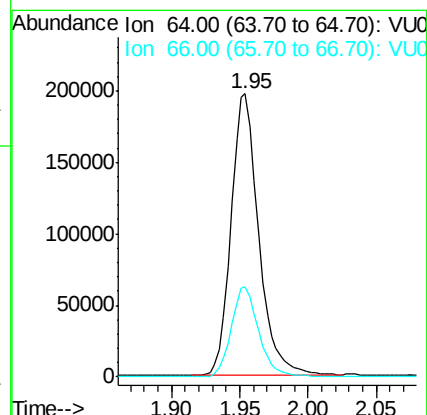
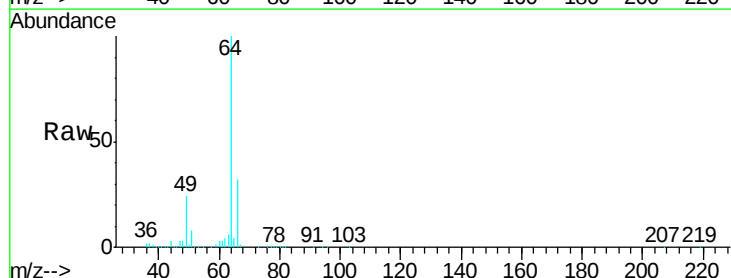
Acq: 29 Oct 2019 14:44

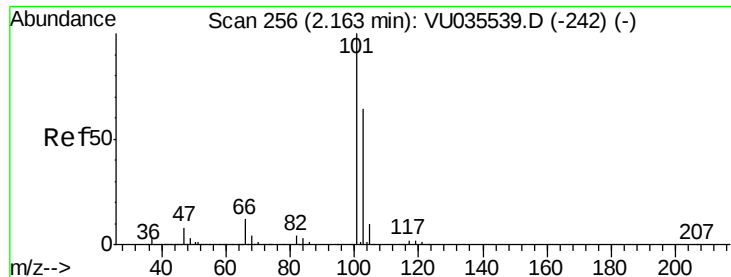
Tgt Ion: 64 Resp: 277190

Ion Ratio Lower Upper

64 100

66 32.0 25.9 38.9





#7

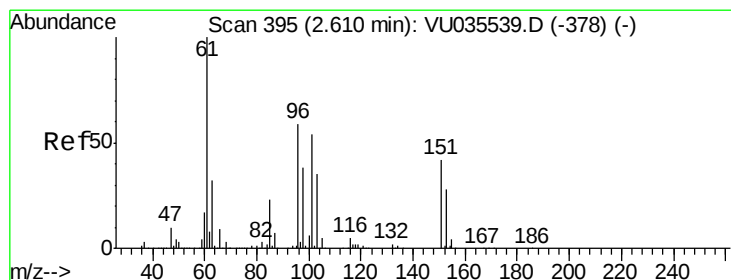
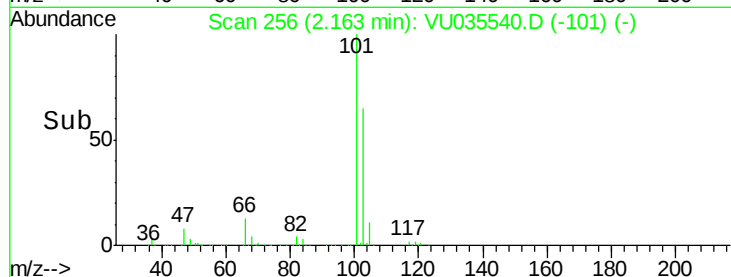
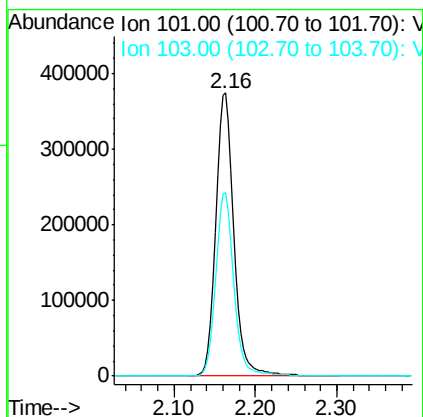
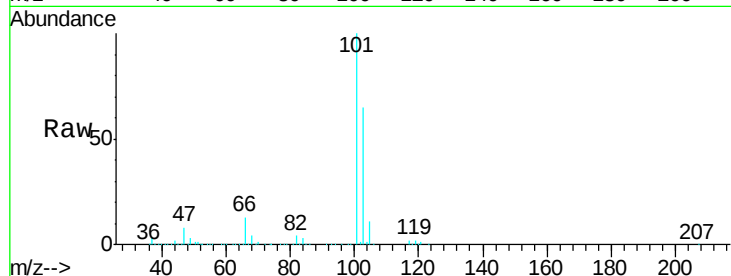
Trichlorofluoromethane
Concen: 14.611 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.0	76.6

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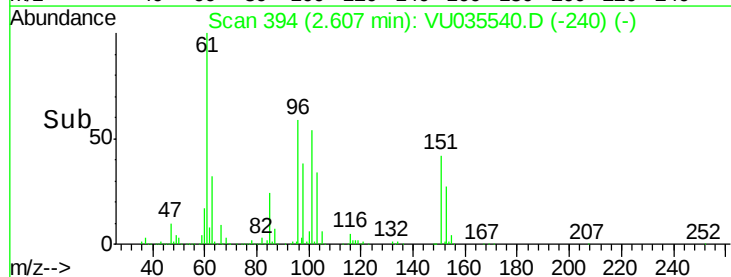
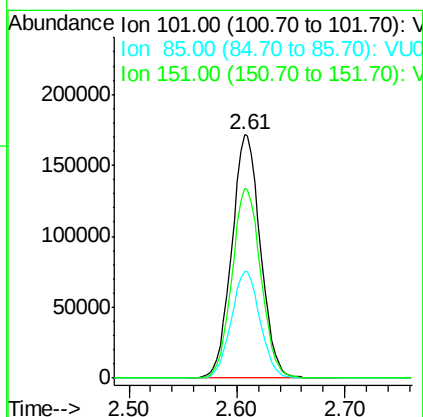
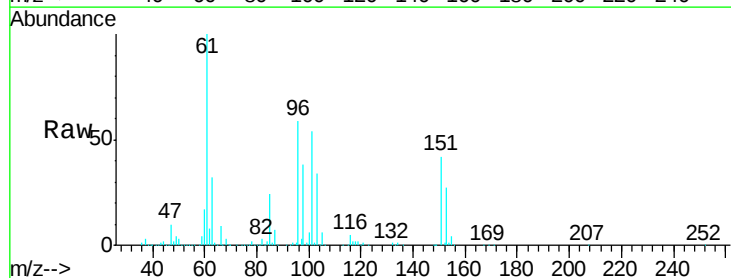
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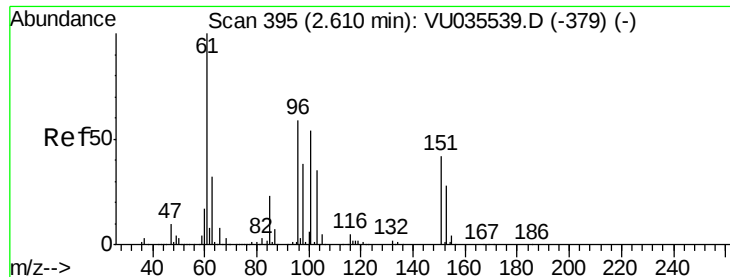


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.529 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.8	53.6
151	78.6	61.8	92.6





#9

1,1-Dichloroethene

Concen: 13.938 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

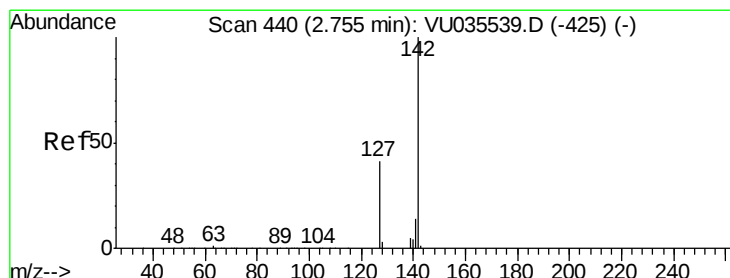
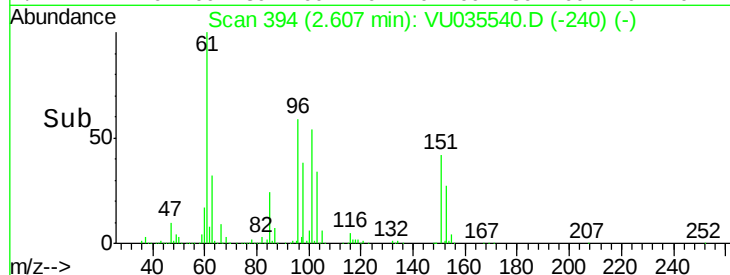
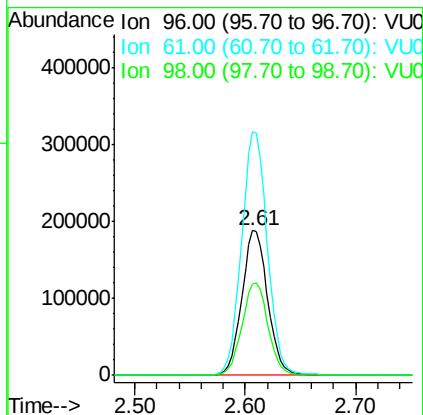
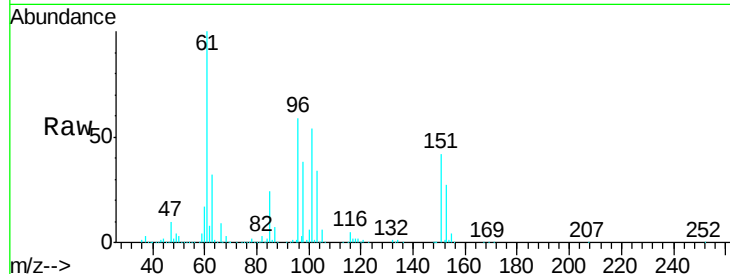
VSTDIC015

Tgt Ion:	96	Resp:	304681
Ion	Ratio	Lower	Upper
96	100		
61	168.4	0.0	508.8
98	63.4	0.0	130.4

Manual Integrations
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#10

Iodomethane

Concen: 12.947 ug/l

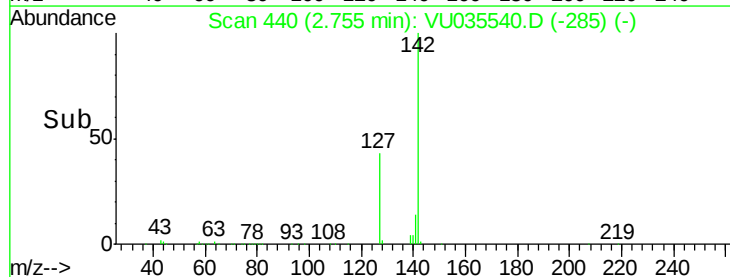
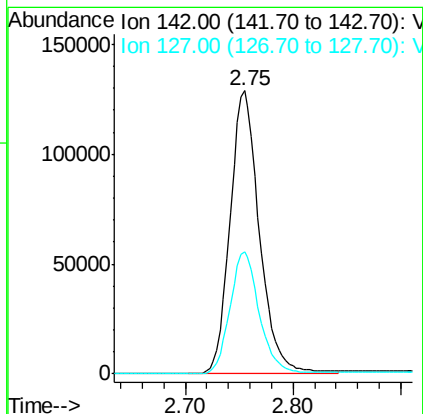
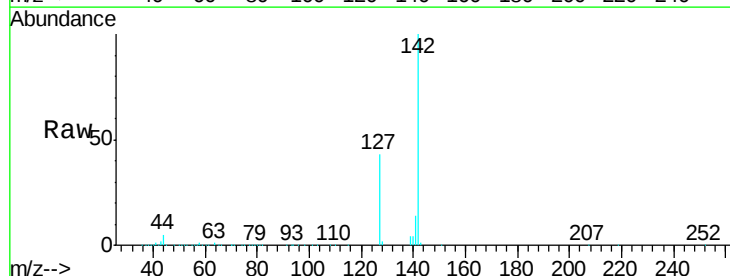
RT: 2.75 min Scan# 440

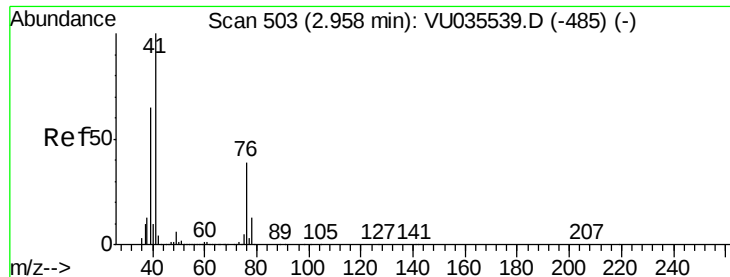
Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Tgt Ion:	142	Resp:	245410
Ion	Ratio	Lower	Upper
142	100		
127	43.1	33.4	50.0





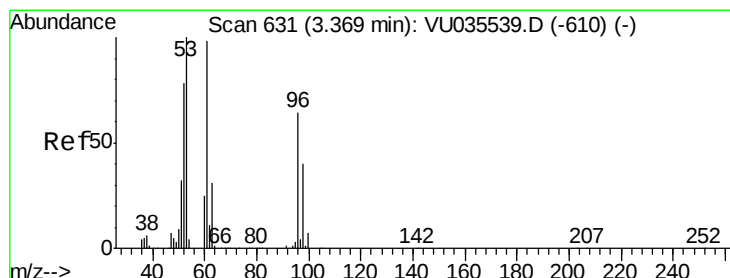
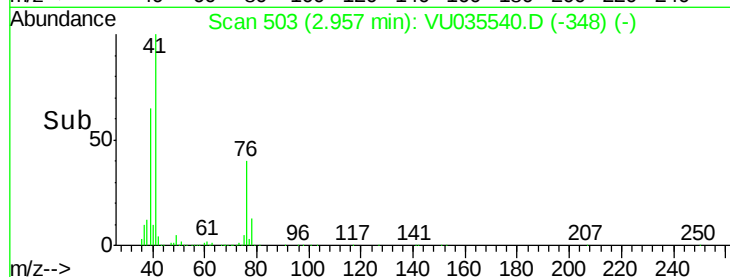
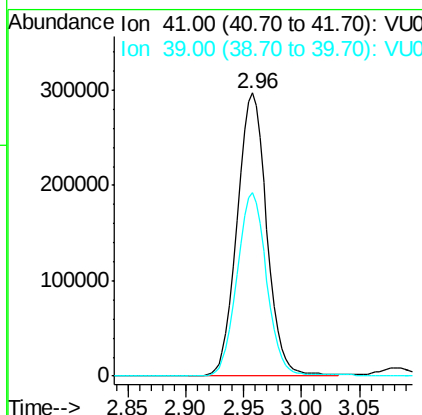
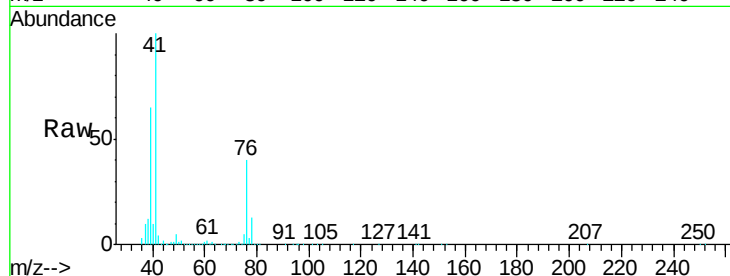
#11
 Allyl Chloride
 Concen: 14.517 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 523363
 Ion Ratio Lower Upper
 41 100
 39 65.0 52.0 78.0

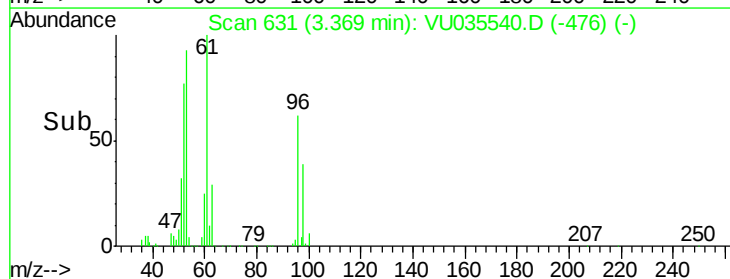
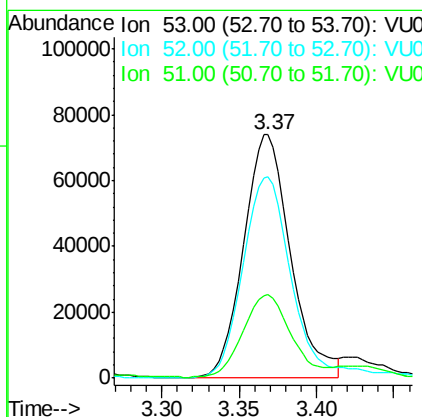
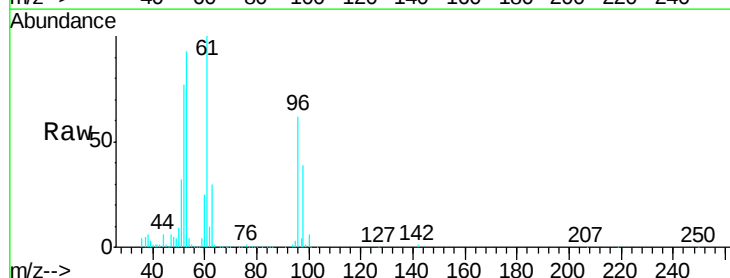
Manual Integrations
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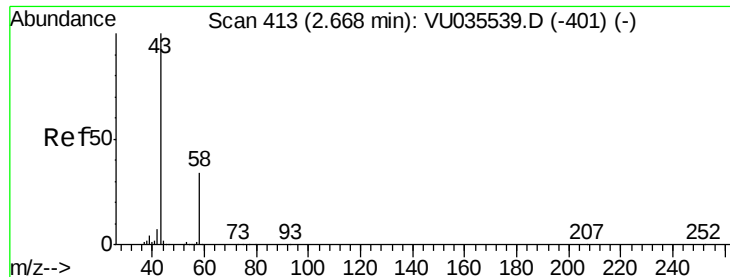
MMDadoda
 10/30/2019 10:38:58 AM



#12
 Acrylonitrile
 Concen: 32.943 ug/l
 RT: 3.37 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 53 Resp: 155264
 Ion Ratio Lower Upper
 53 100
 52 87.4 67.4 101.0
 51 34.9 27.0 40.4





#13

Acetone

Concen: 94.410 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 375269

Ion Ratio Lower Upper

43 100

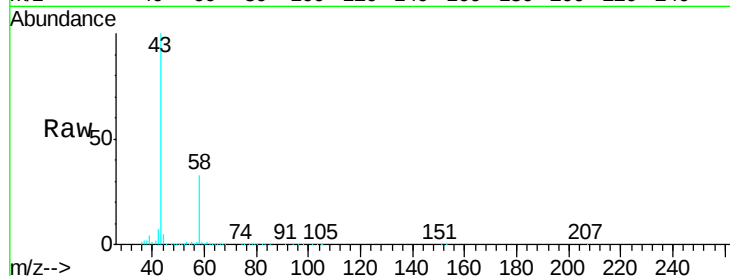
58 33.4 27.6 41.4

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Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-401) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-401) (-)

250000

200000

150000

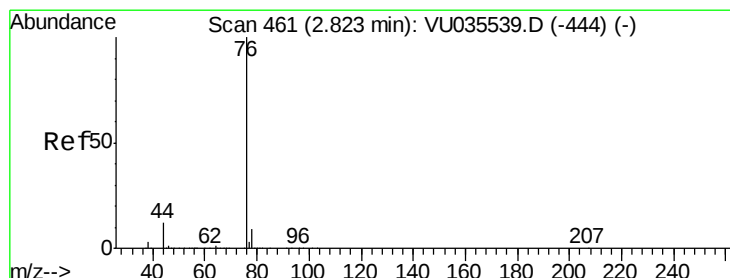
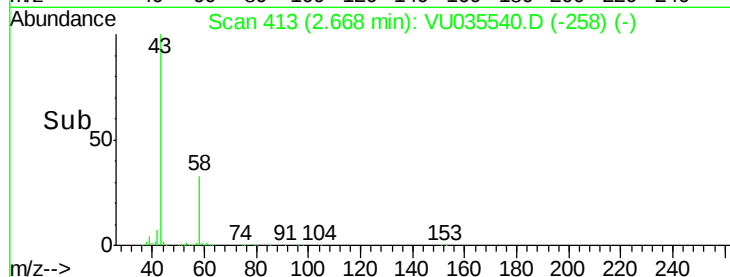
100000

50000

0

2.60 2.70 2.80

Time-->



#14

Carbon Disulfide

Concen: 14.122 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035540.D

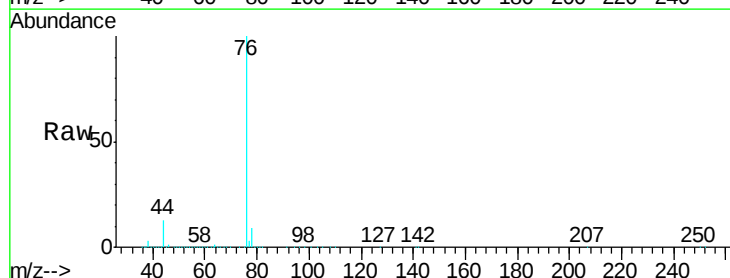
Acq: 29 Oct 2019 14:44

Tgt Ion: 76 Resp: 1084515

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-444) (-)

600000

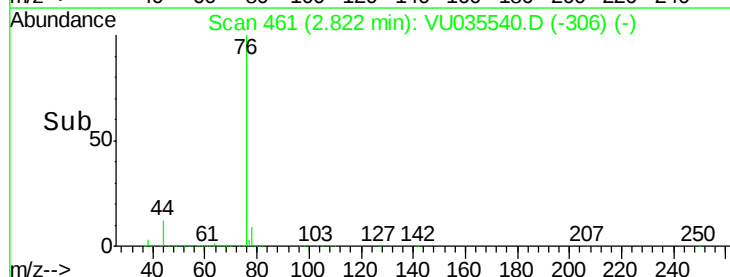
400000

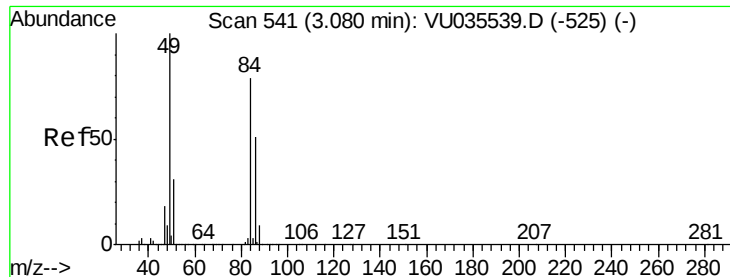
200000

0

2.70 2.80 2.90

Time-->





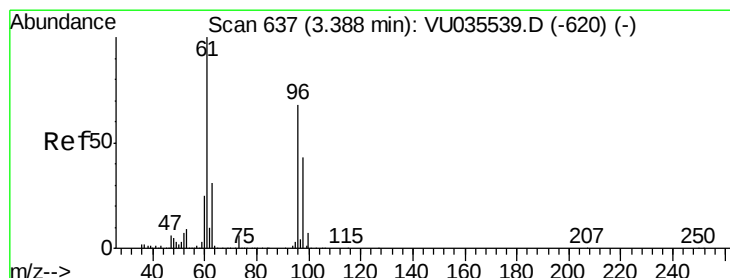
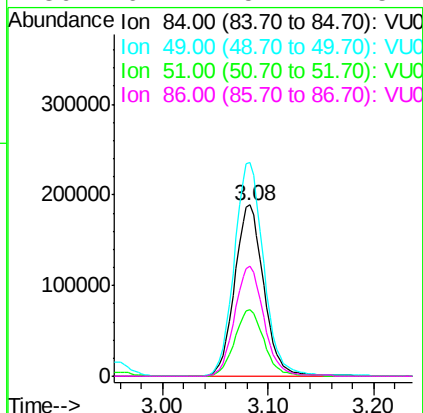
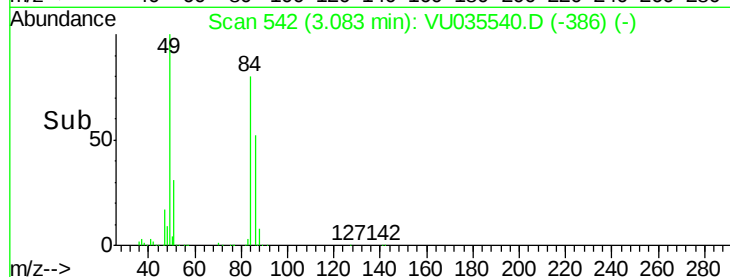
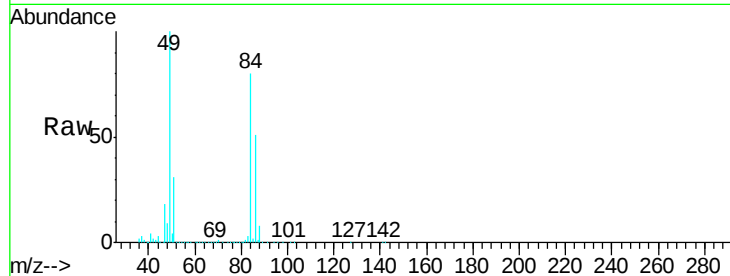
#15
Methylene Chloride
Concen: 14.014 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:	84	Resp:	361114
Ion	Ratio	Lower	Upper
84	100		
49	124.7	101.5	152.3
51	38.8	0.0	78.6
86	64.2	52.2	78.2

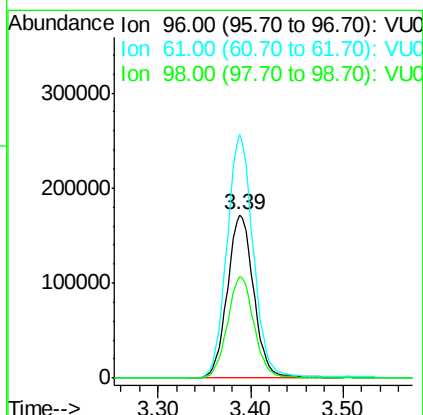
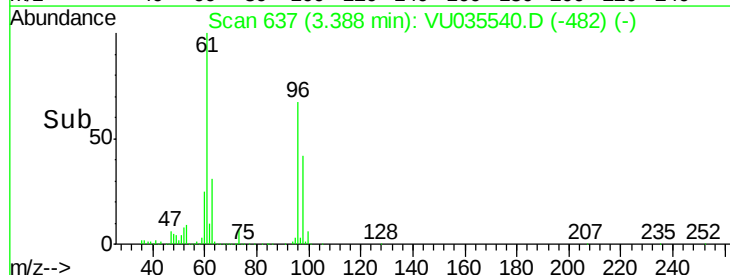
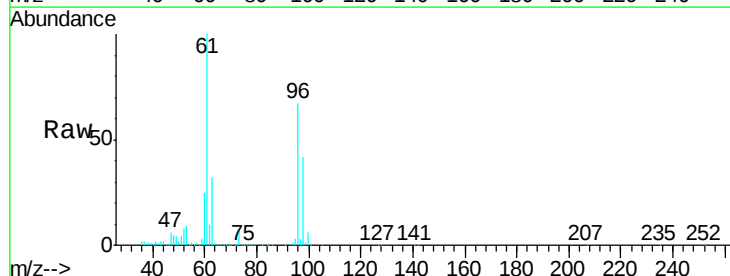
Manual Integrations
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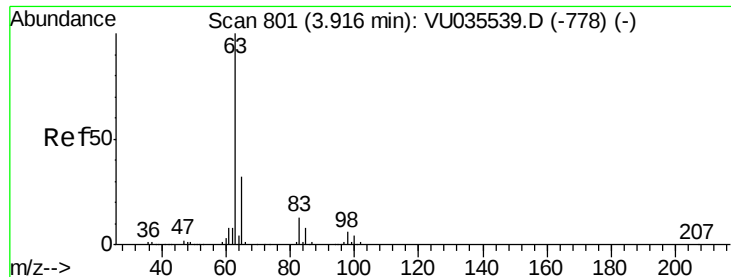
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#16
trans-1,2-Dichloroethene
Concen: 13.841 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:	96	Resp:	337993
Ion	Ratio	Lower	Upper
96	100		
61	149.2	117.8	176.8
98	62.1	50.2	75.2





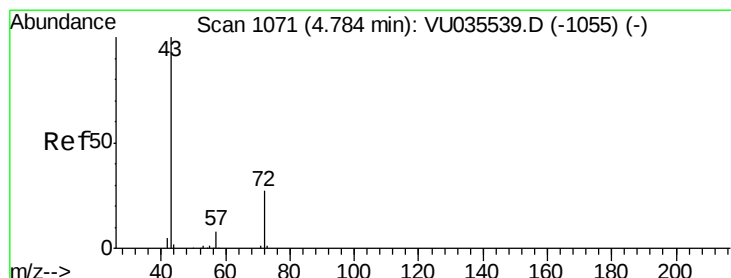
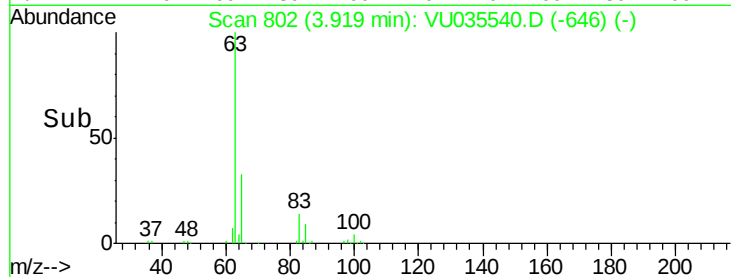
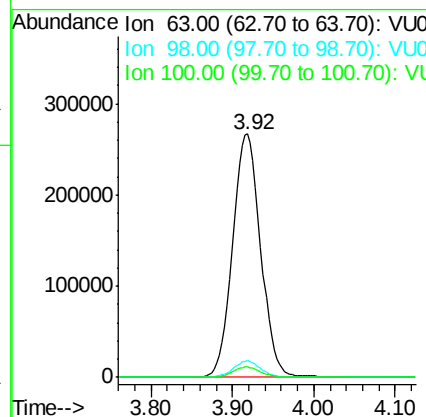
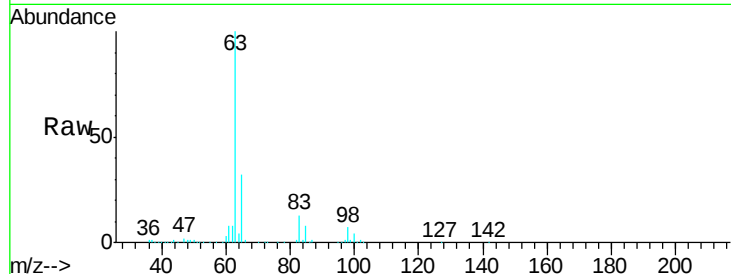
#17
 1,1-Dichloroethane
 Concen: 13.866 ug/l
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion	Ratio	Resp Lower	Resp Upper
63	100		
98	6.7	3.1	9.3
100	4.2	2.1	6.3

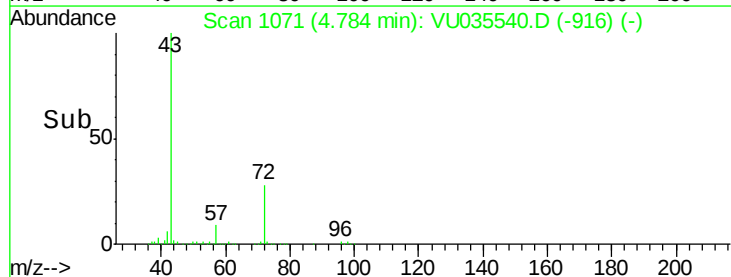
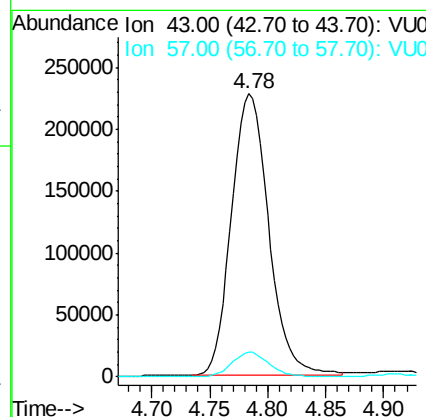
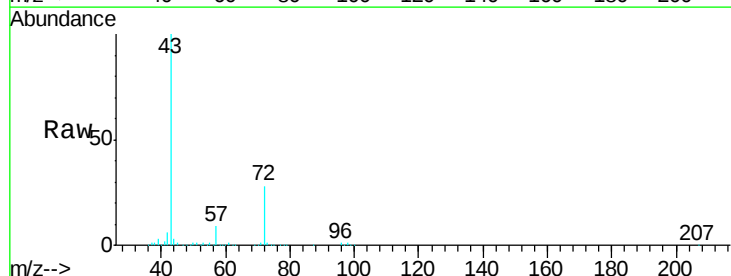
Manual Integrations
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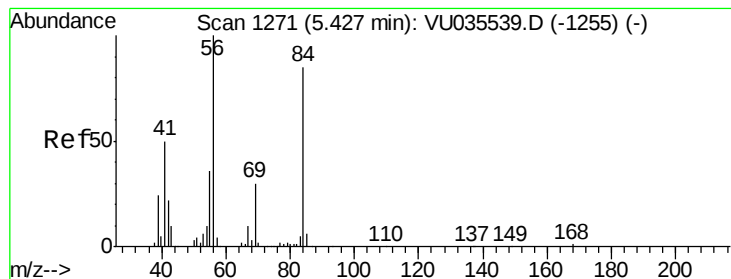
MM Dadoda
 10/30/2019 10:38:58 AM



#18
 2-Butanone
 Concen: 90.893 ug/l
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
57	8.6	0.0	17.0





#19

Cyclohexane

Concen: 15.734 ug/l m

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

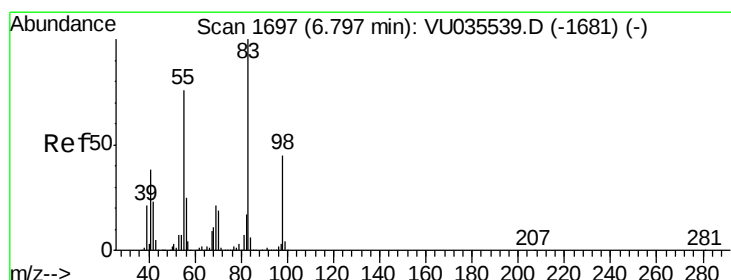
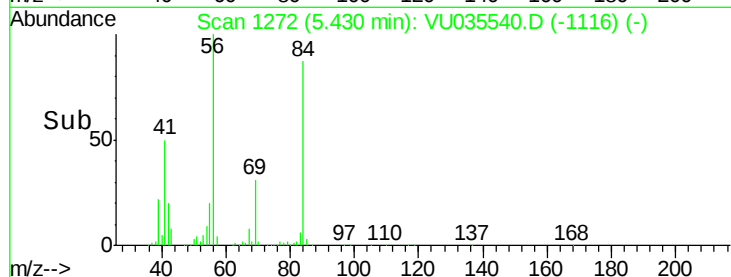
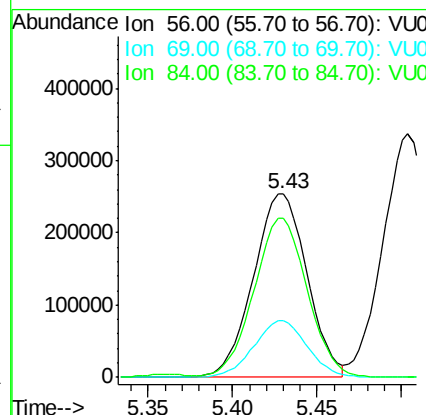
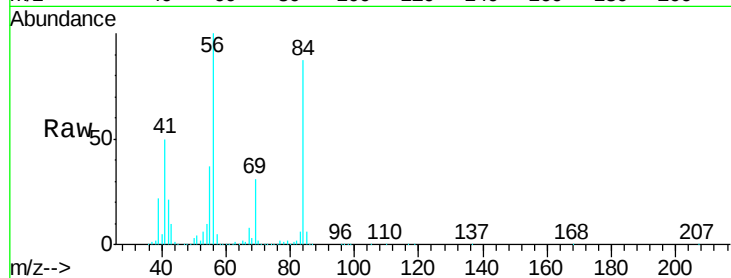
Tgt Ion:	56	Resp:	561740
Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.4	39.6
84	84.6	72.9	109.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Manual Integrations
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#20

Methylcyclohexane

Concen: 15.363 ug/l

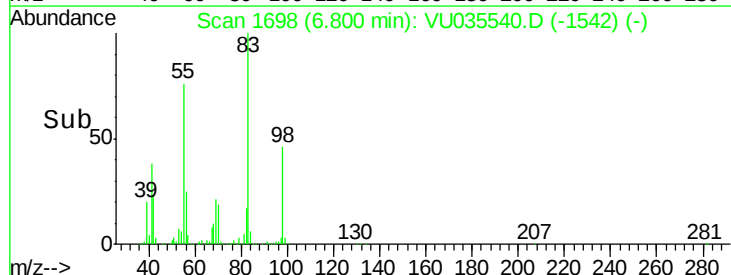
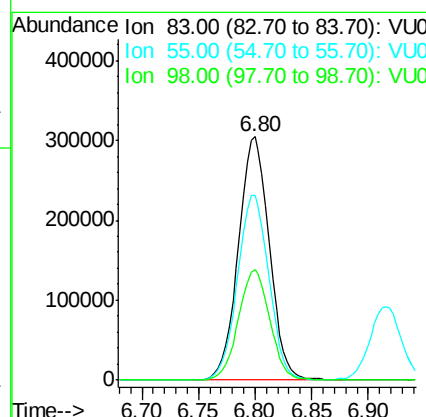
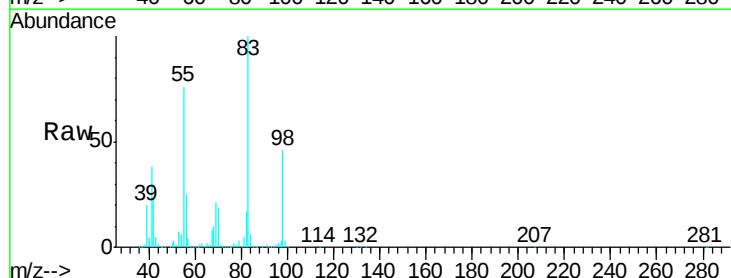
RT: 6.80 min Scan# 1698

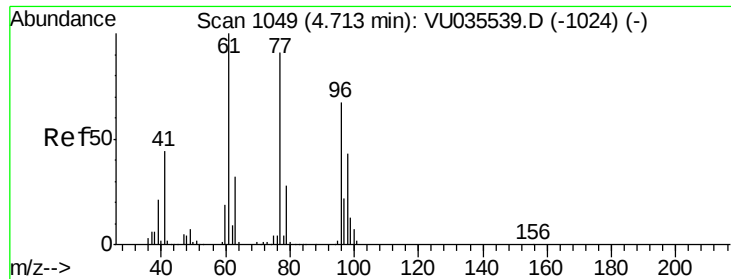
Delta R.T. 0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Tgt Ion:	83	Resp:	579183
Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.2	91.8
98	45.8	36.7	55.1





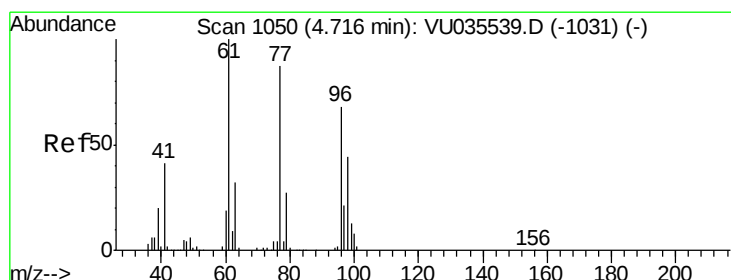
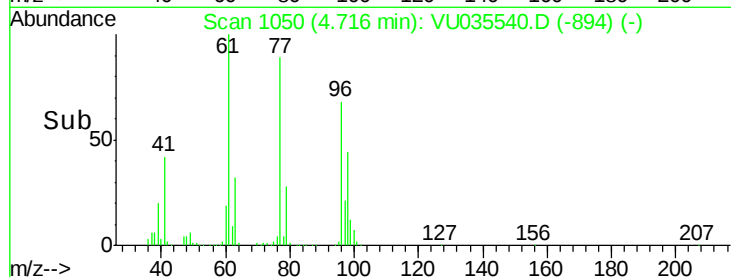
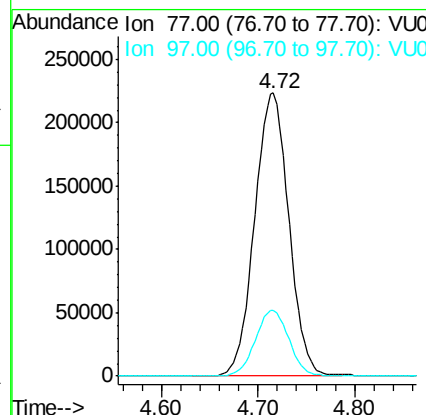
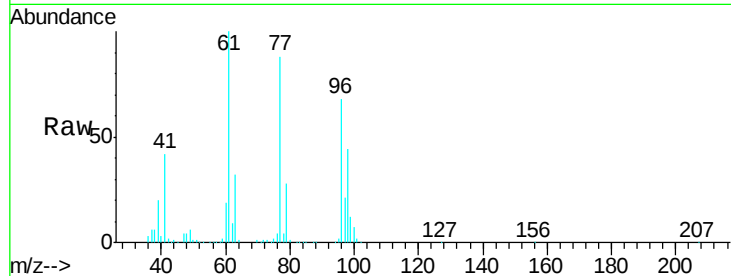
#21
 2,2-Dichloropropane
 Concen: 14.316 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC015

Tgt Ion: 77 Resp: 548334
 Ion Ratio Lower Upper
 77 100
 97 22.9 18.8 28.2

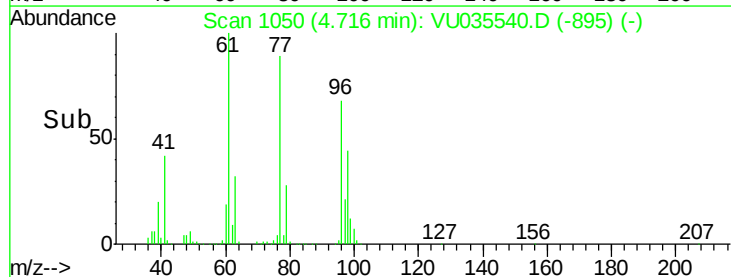
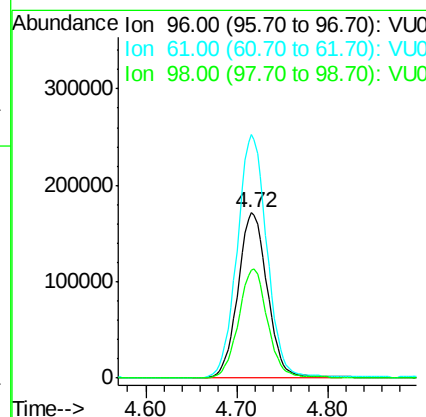
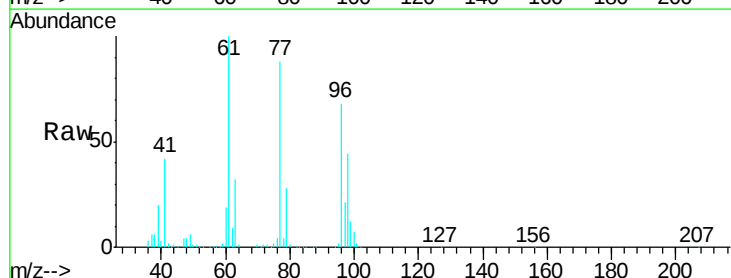
Manual Integrations
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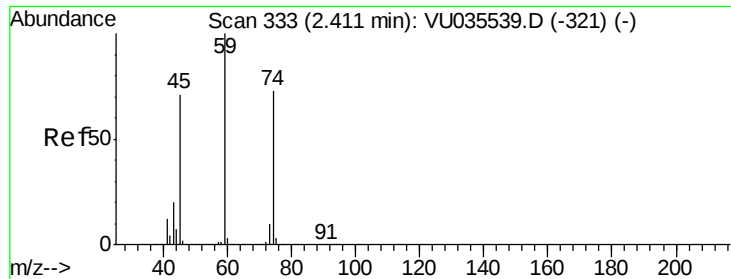
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#22
 cis-1,2-Dichloroethene
 Concen: 14.634 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 96 Resp: 387222
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 370.5
 98 64.7 31.8 95.4





#23
Diethyl Ether
Concen: 15.586 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

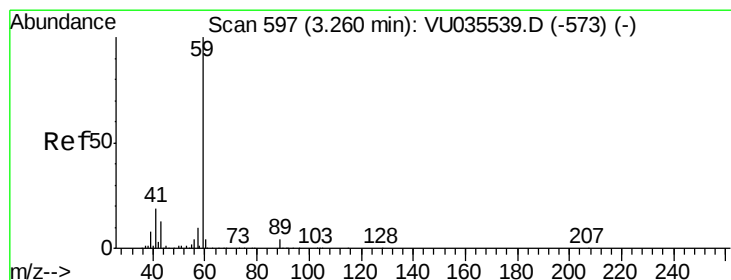
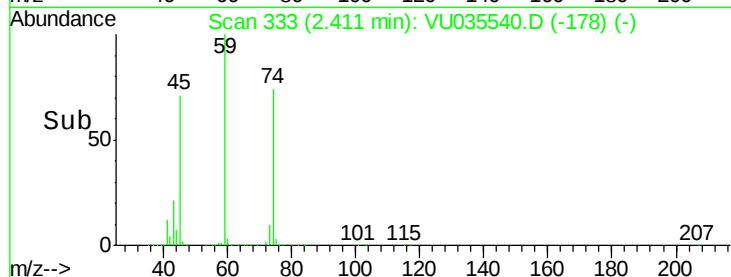
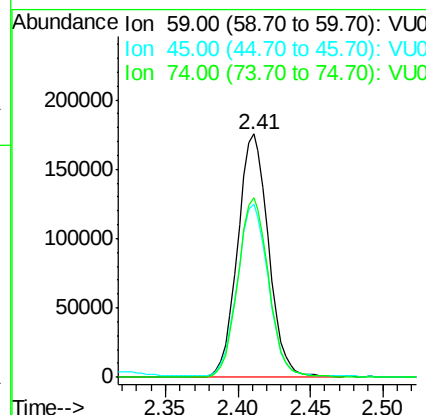
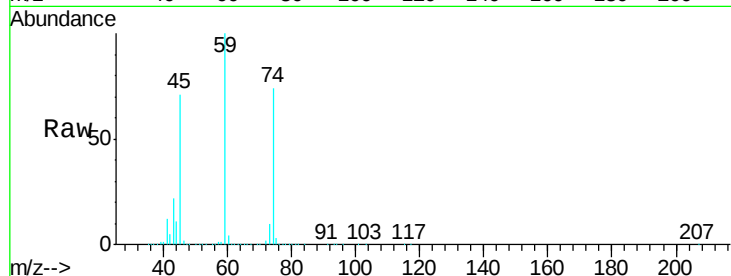
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
59	100		
45	71.5	56.9	85.3
74	73.7	59.5	89.3

Manual Integrations
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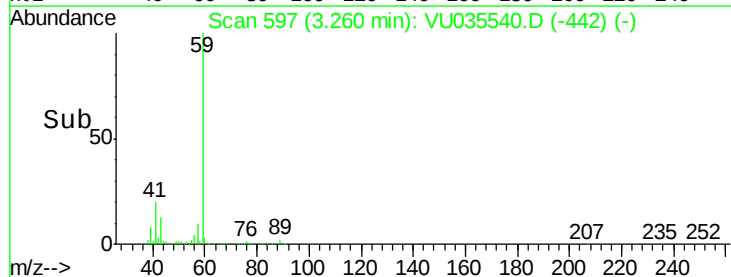
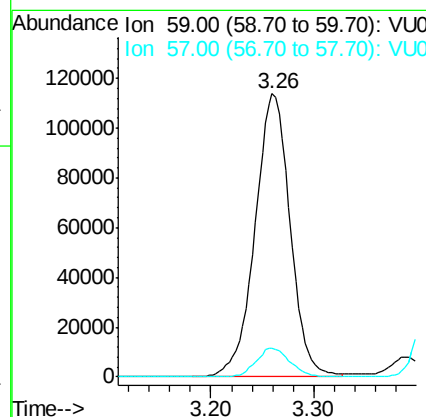
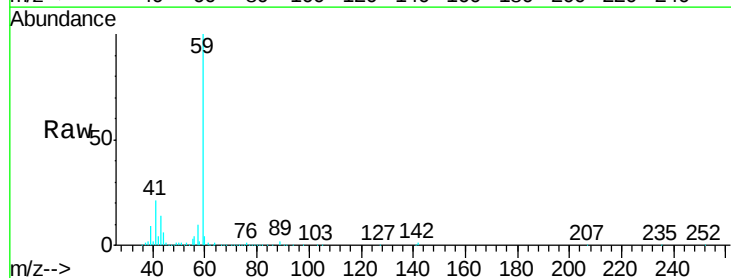
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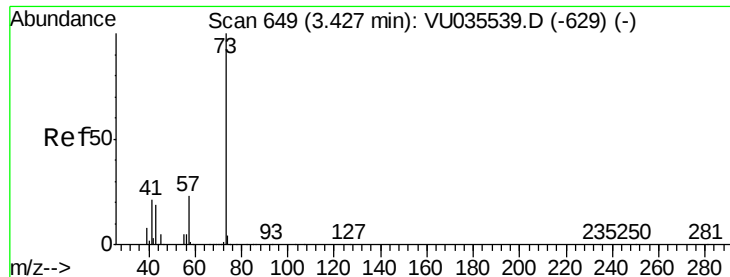
10/30/2019 10:38:58 AM



#24
tert-Butyl Alcohol
Concen: 117.126 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.4	11.0





#25

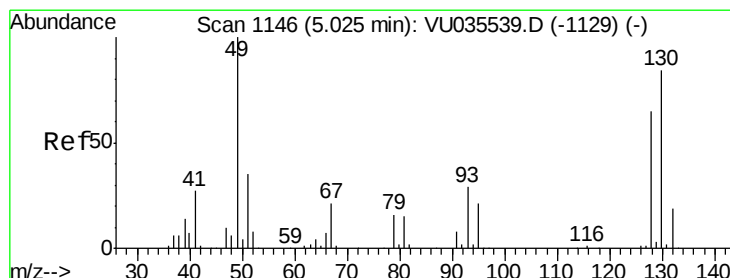
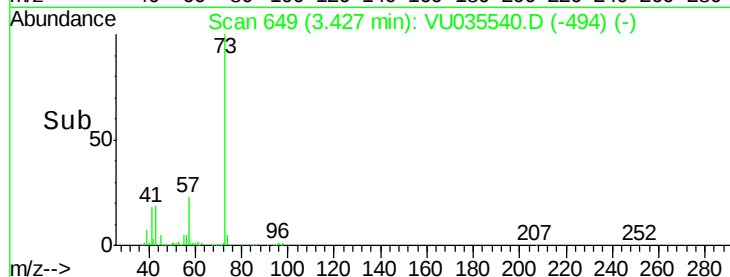
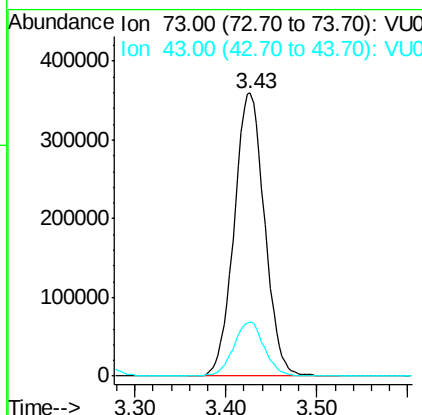
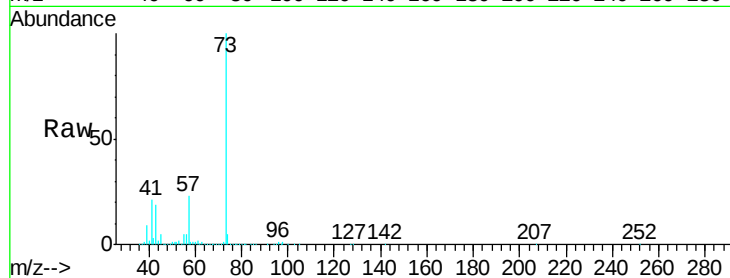
Methyl tert-Butyl Ether
Concen: 15.681 ug/l
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.4	23.2

Manual Integrations
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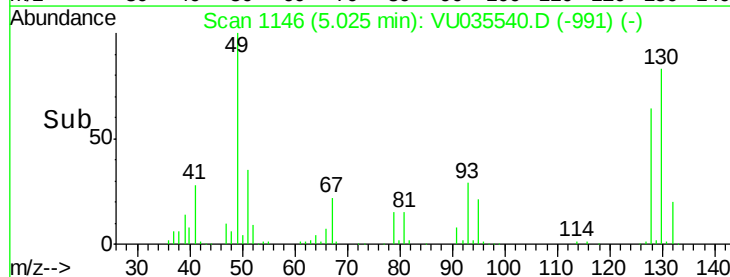
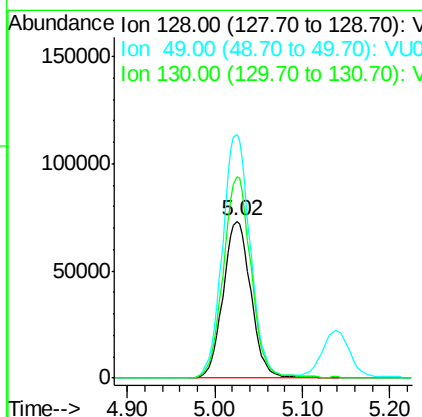
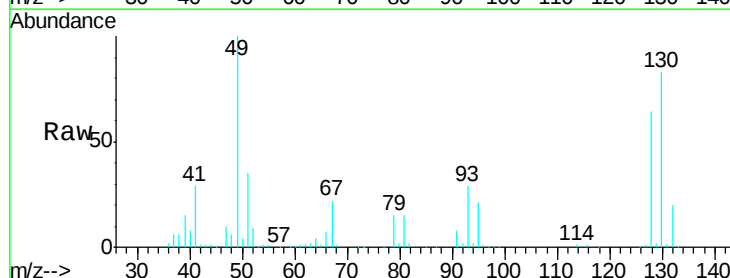
MMDadoda
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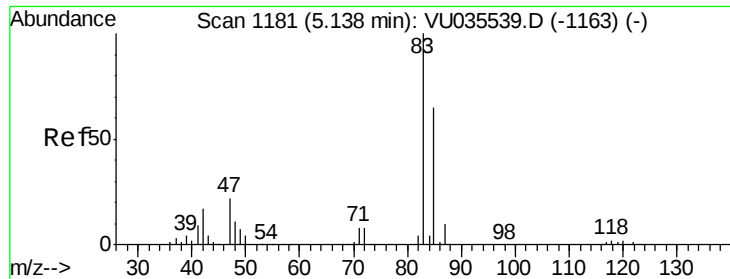


#26

Bromochloromethane
Concen: 14.399 ug/l
RT: 5.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
128	100		
49	154.5	0.0	309.0
130	127.7	101.8	152.8





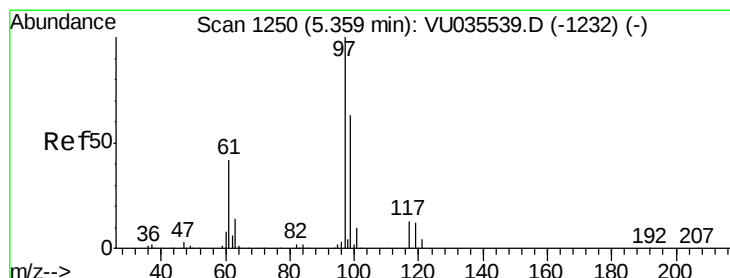
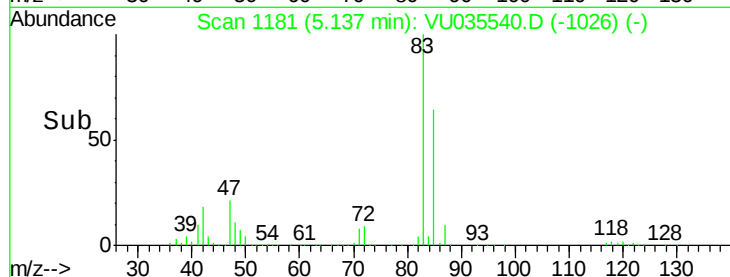
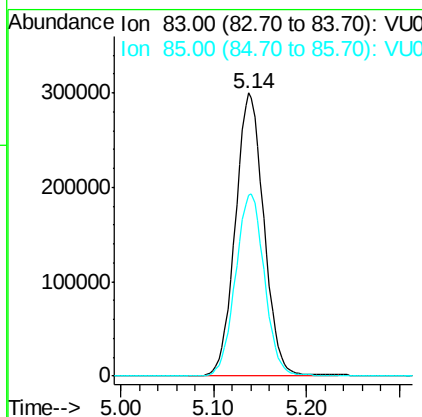
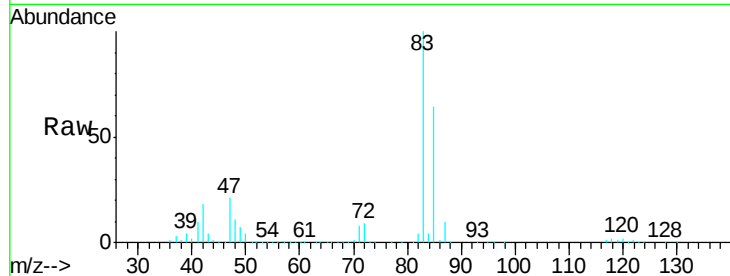
#27
Chloroform
Concen: 13.249 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	642262		
85	64.0	0.0	130.6	

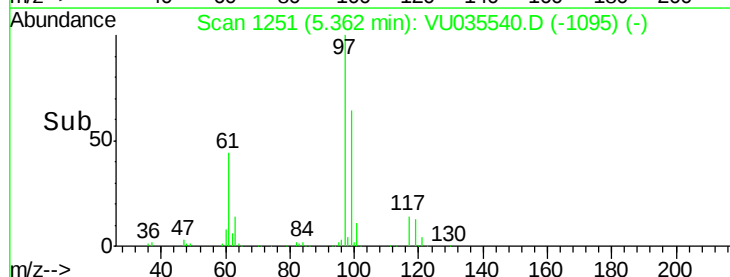
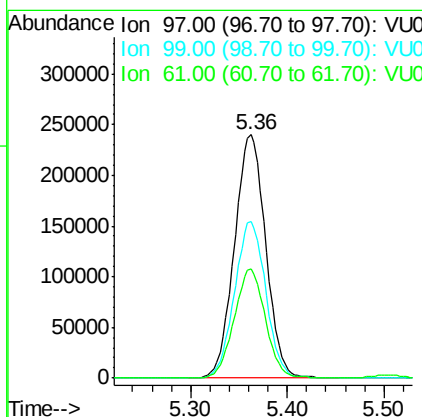
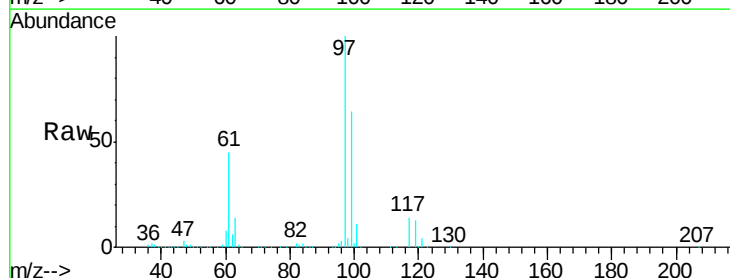
Manual Integrations
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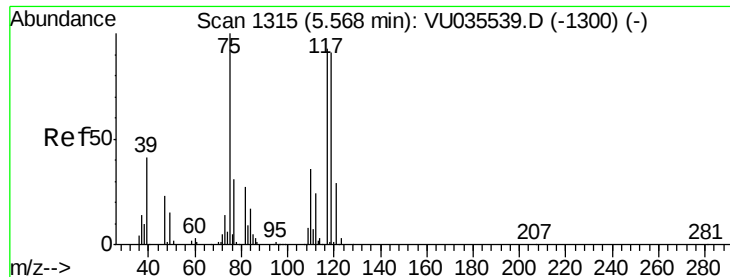
MMDadoda
10/30/2019 10:38:58 AM



#28
1,1,1-Trichloroethane
Concen: 14.211 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	539318		
99	64.4	32.6	97.7	
61	44.4	21.8	65.4	





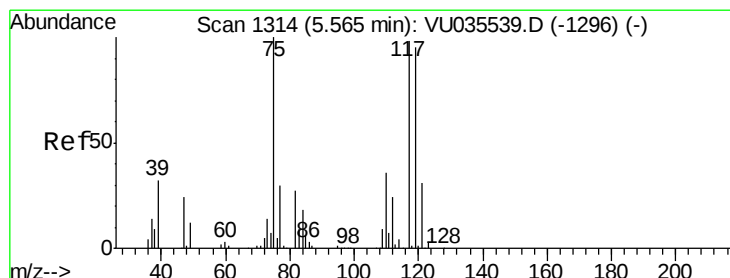
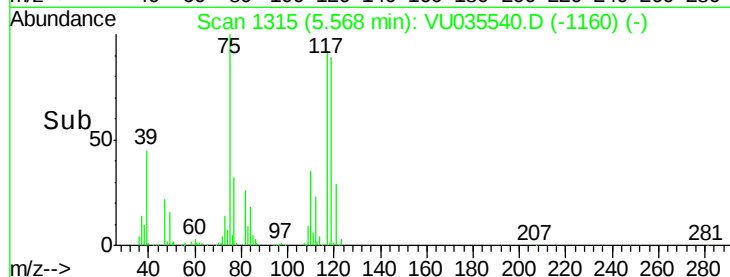
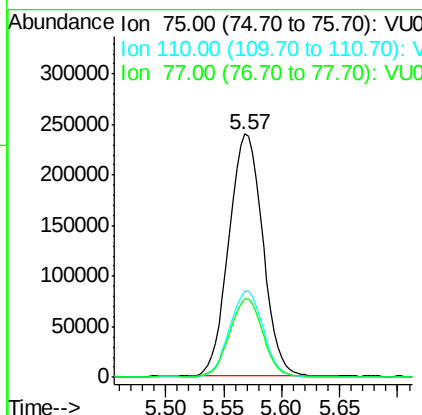
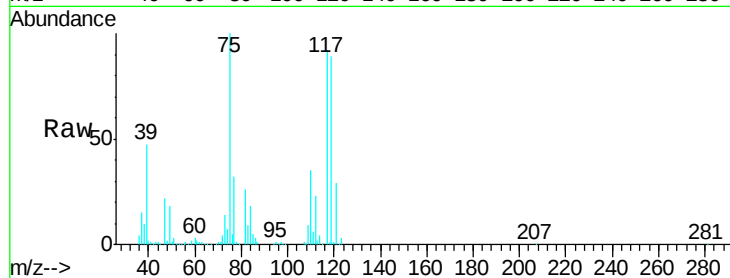
#29
 1,1-Dichloropropene
 Concen: 14.861 ug/l
 RT: 5.57 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC015

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.3	54.8
77	31.1	24.6	37.0

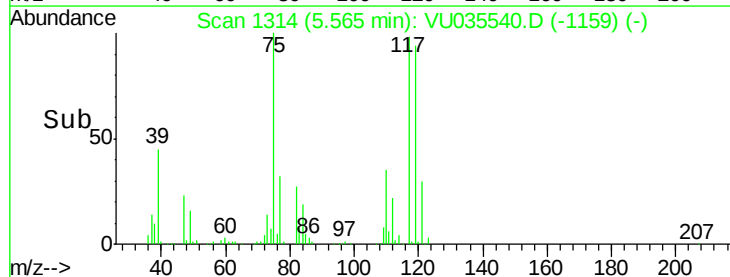
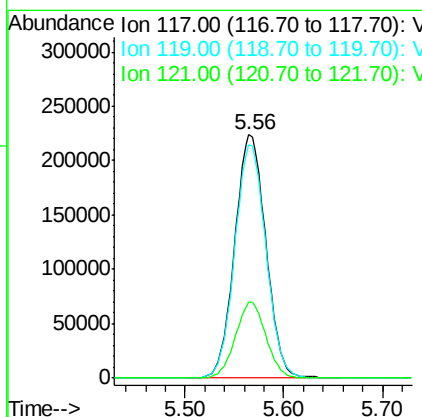
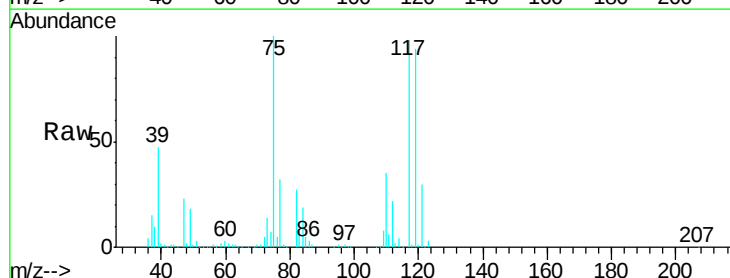
Manual Integrations
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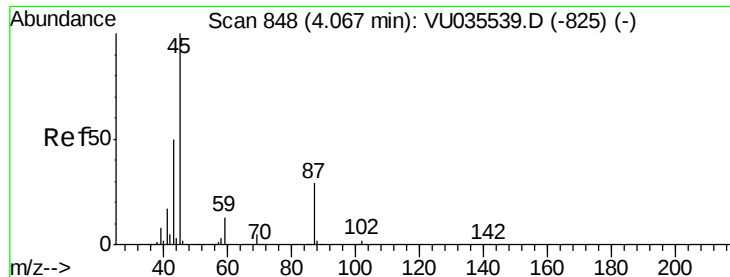
MMDadoda
 10/30/2019 10:38:58 AM



#30
 Carbon Tetrachloride
 Concen: 14.414 ug/l
 RT: 5.56 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	31.0	25.2	37.8





#31

Isopropyl Ether

Concen: 14.607 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 45 Resp: 972341

Ion Ratio Lower Upper

45 100

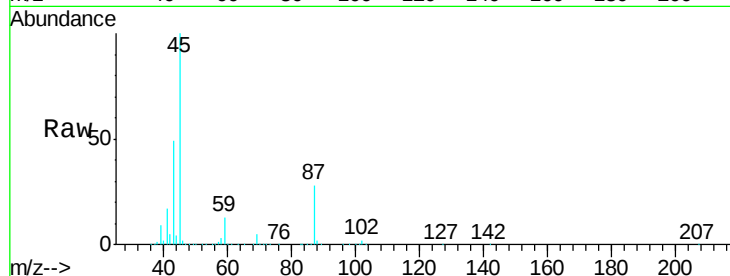
43 49.8 25.3 75.8

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Abundance Ion 45.00 (44.70 to 45.70): VU035539.D (-825) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-825) (-)

400000

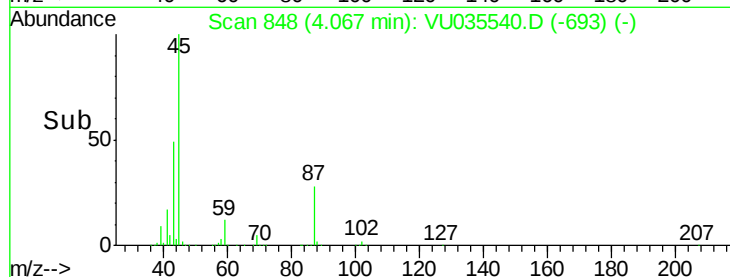
300000

200000

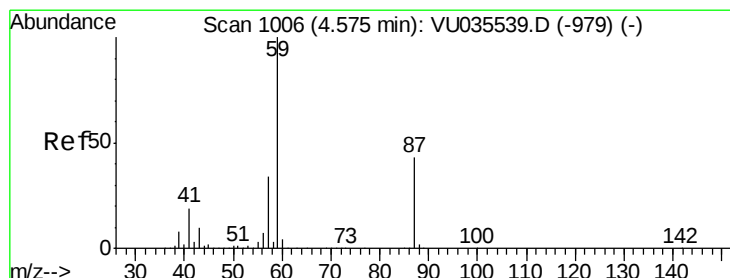
100000

0

Time-->



Time-->



#32

Ethyl-t-butyl ether

Concen: 15.857 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035540.D

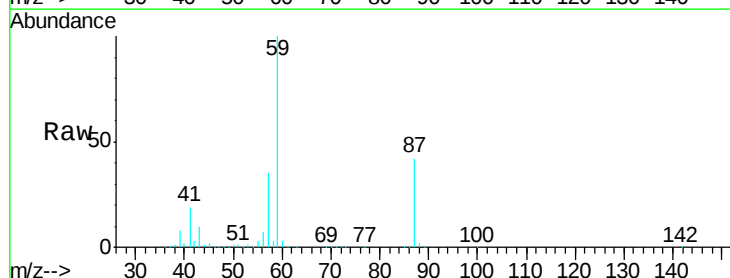
Acq: 29 Oct 2019 14:44

Tgt Ion: 59 Resp: 915317

Ion Ratio Lower Upper

59 100

87 42.0 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)

Ion 87.00 (86.70 to 87.70): VU035539.D (-979) (-)

400000

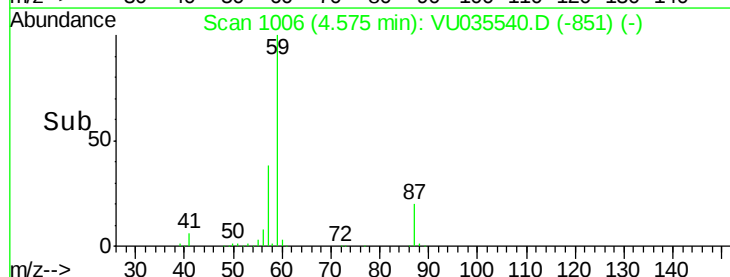
300000

200000

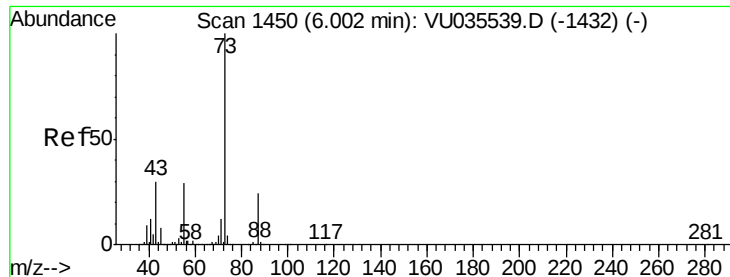
100000

0

Time-->



Time-->



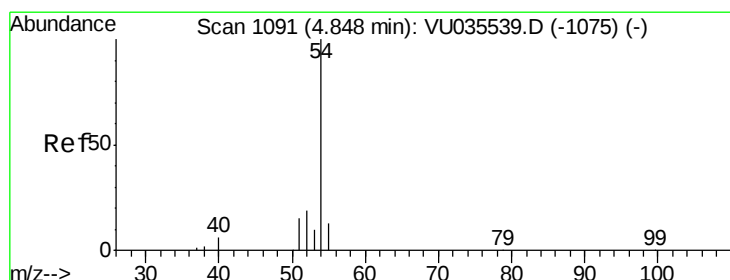
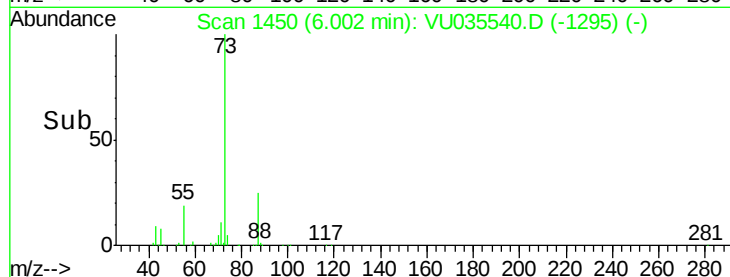
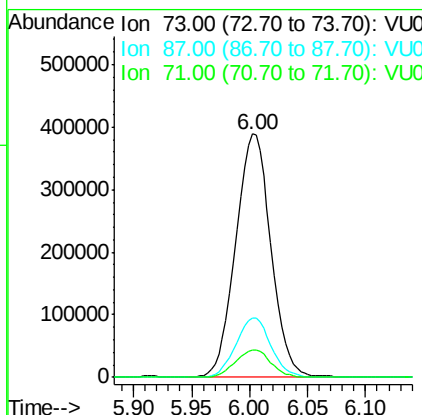
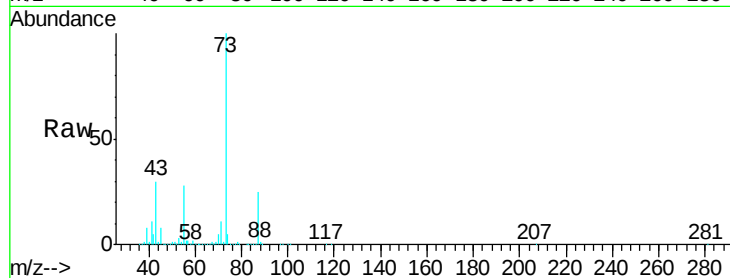
#33
Tert-Amyl methyl ether
Concen: 16.748 ug/l
RT: 6.00 min Scan# 1450
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 73 Resp: 813248
Ion Ratio Lower Upper
73 100
87 24.5 19.5 29.3
71 11.4 9.4 14.2

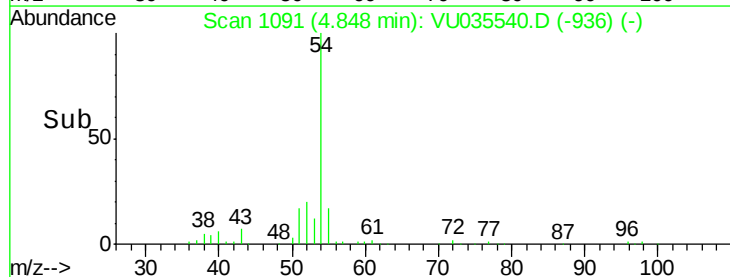
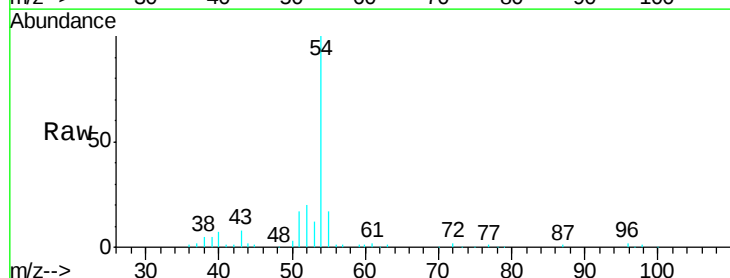
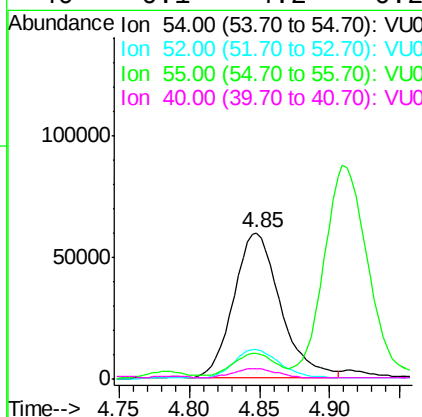
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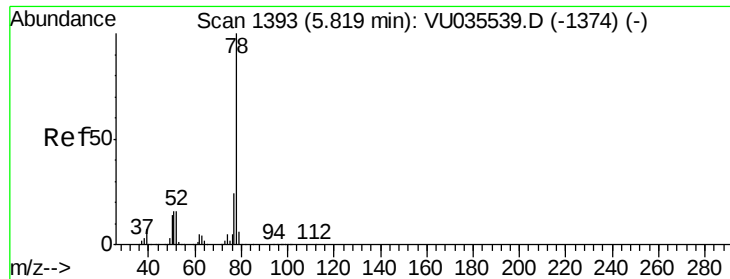
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#34
Propionitrile
Concen: 86.182 ug/l
RT: 4.85 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 54 Resp: 138193
Ion Ratio Lower Upper
54 100
52 20.1 14.6 21.8
55 14.3 11.7 17.5
40 6.1 4.2 6.2





#35

Benzene

Concen: 14.577 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 78 Resp: 1430489

Ion Ratio Lower Upper

78 100

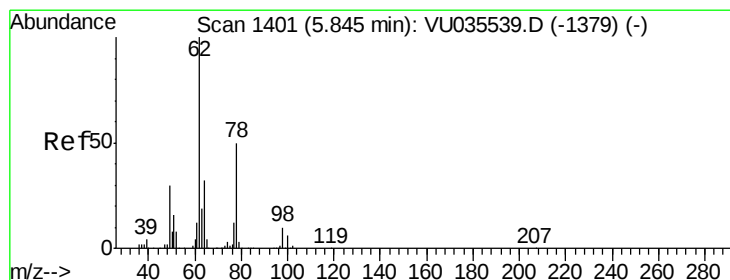
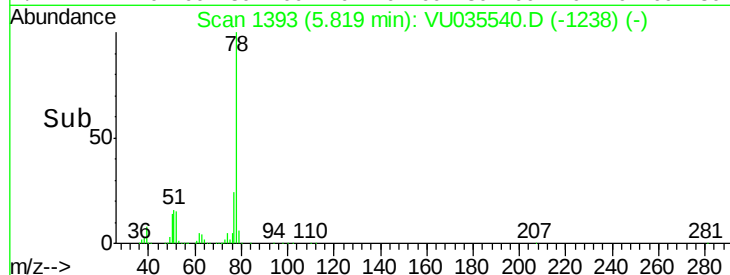
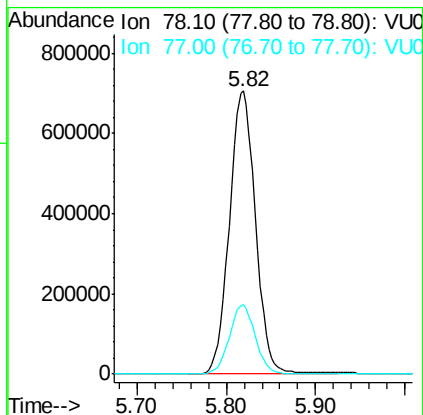
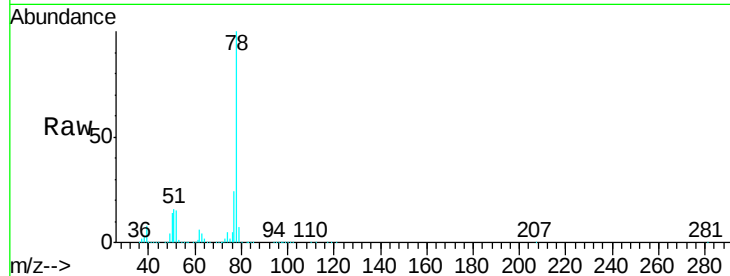
77 24.3 19.0 28.4

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#36

1,2-Dichloroethane

Concen: 15.610 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU035540.D

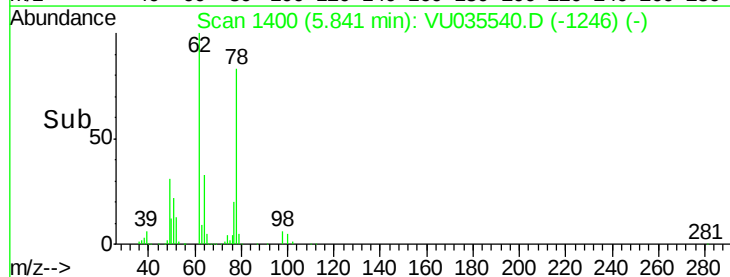
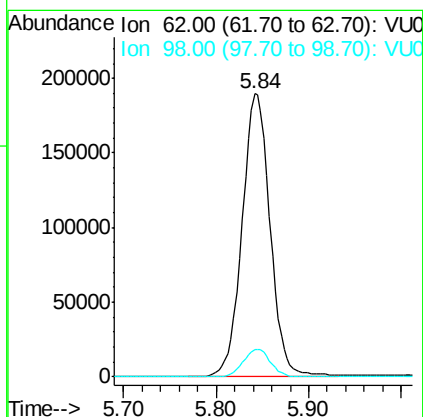
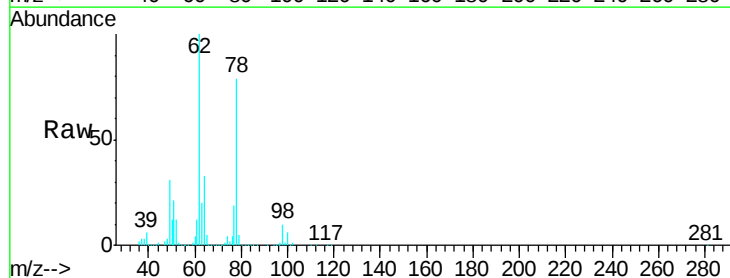
Acq: 29 Oct 2019 14:44

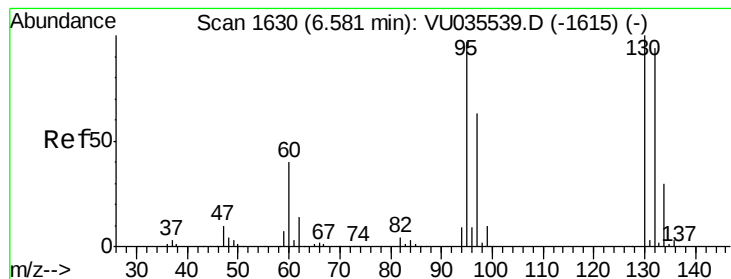
Tgt Ion: 62 Resp: 398754

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3





#37

Trichloroethene

Concen: 14.206 ug/l

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:130 Resp: 389355

Ion Ratio Lower Upper

130 100

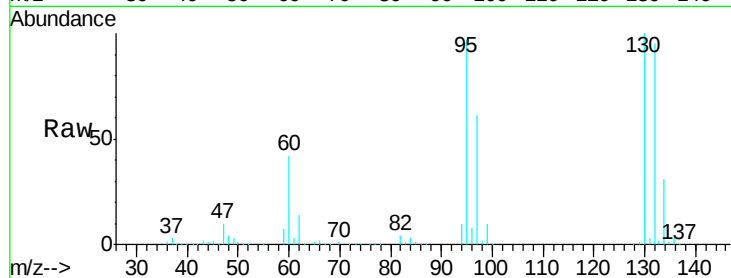
95 97.2 77.5 116.3

Manual Integrations

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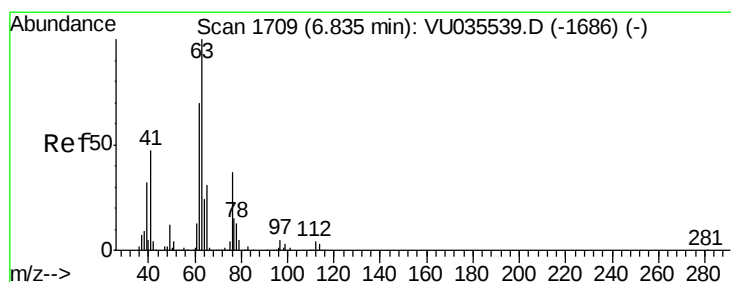
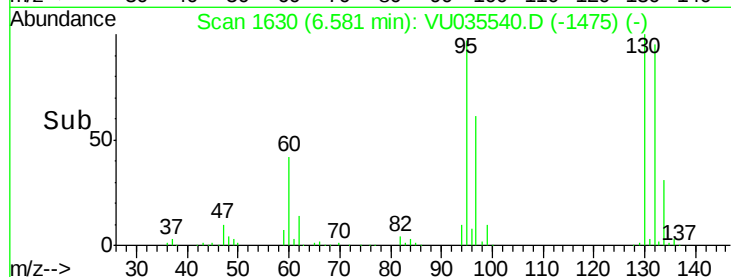
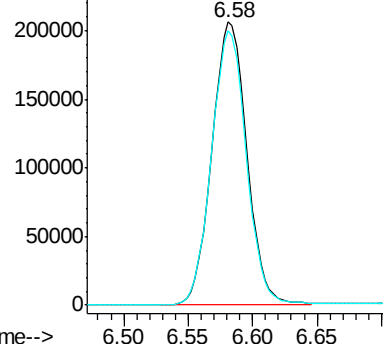
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 14.705 ug/l

RT: 6.83 min Scan# 1709

Delta R.T. -0.00 min

Lab File: VU035540.D

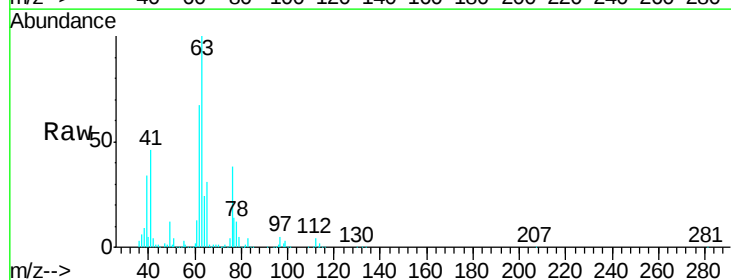
Acq: 29 Oct 2019 14:44

Tgt Ion: 63 Resp: 384102

Ion Ratio Lower Upper

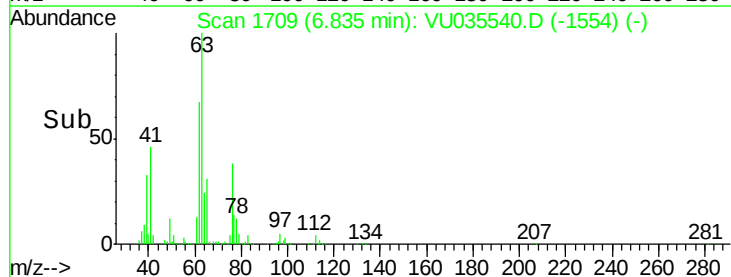
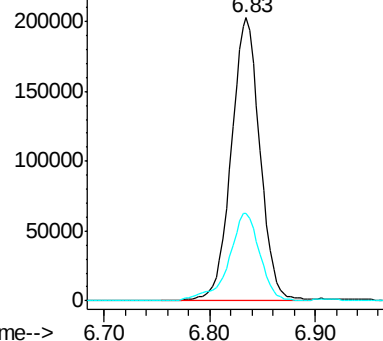
63 100

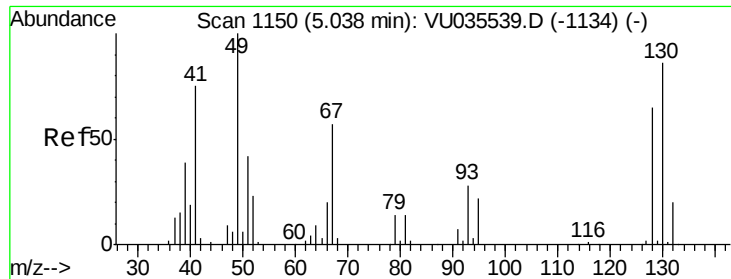
65 31.1 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





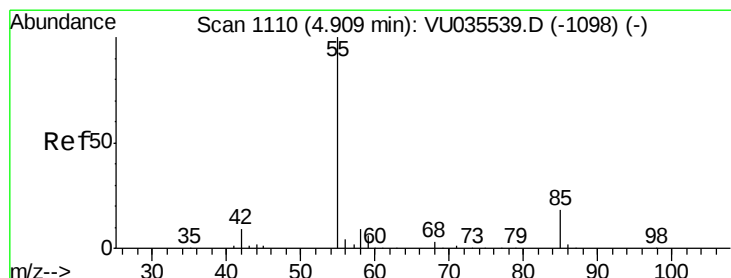
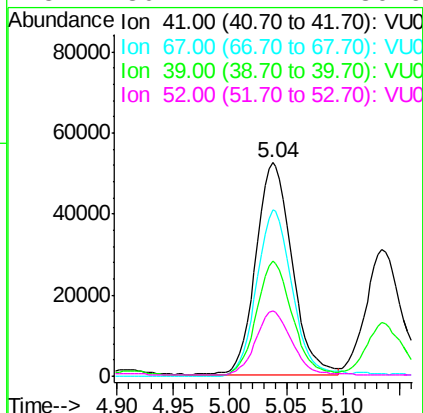
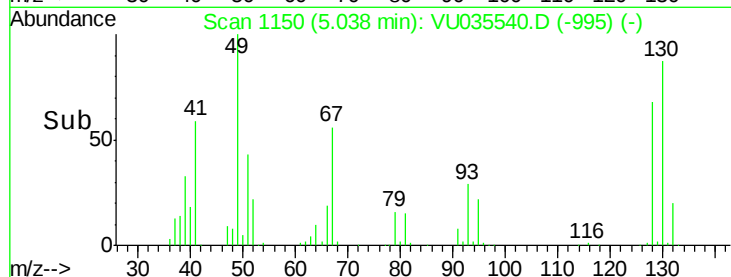
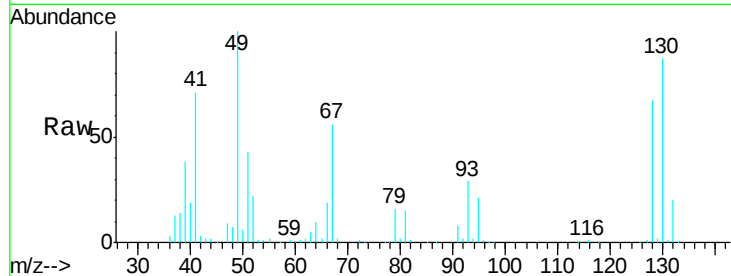
#39
Methacrylonitrile
Concen: 17.617 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
41	100		
67	77.3	61.5	92.3
39	52.8	41.3	61.9
52	30.2	24.4	36.6

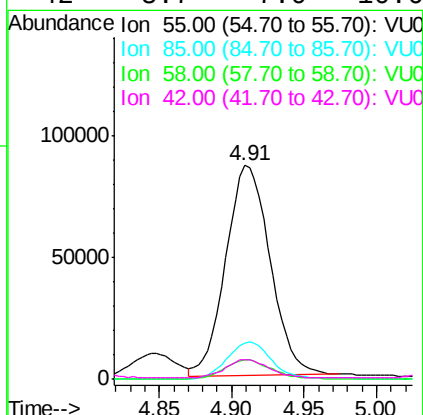
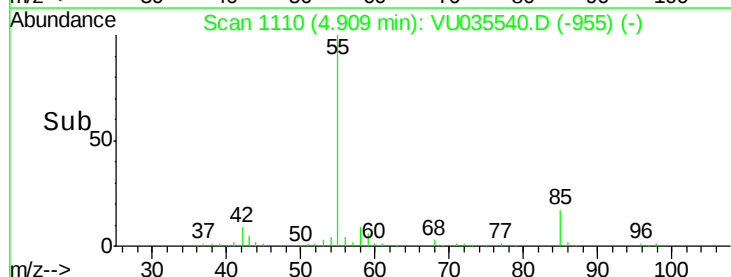
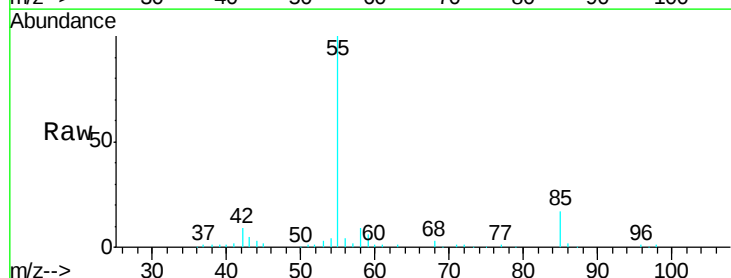
Manual Integrations
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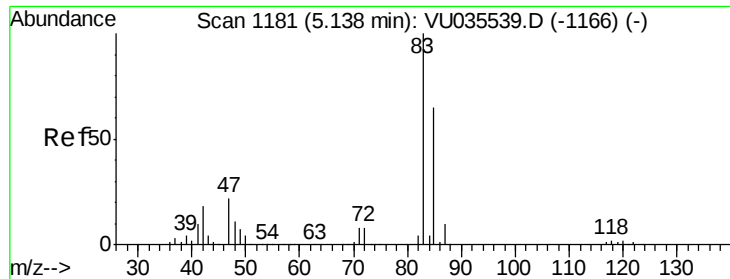
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#40
Methyl acrylate
Concen: 18.209 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.4	13.5	20.3
58	9.6	6.6	10.0
42	8.7	7.0	10.6





#41

Tetrahydrofuran

Concen: 34.415 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 116608
Ion Ratio Lower Upper

42 100

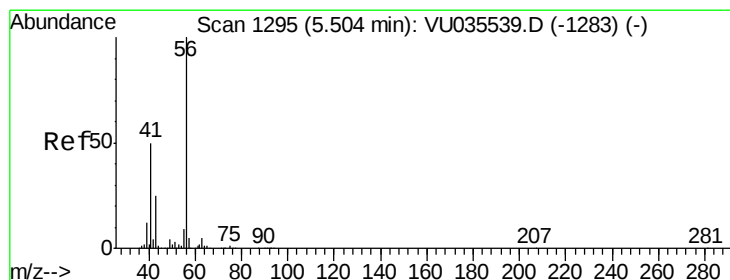
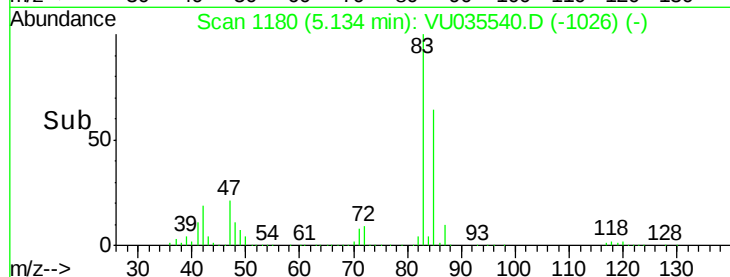
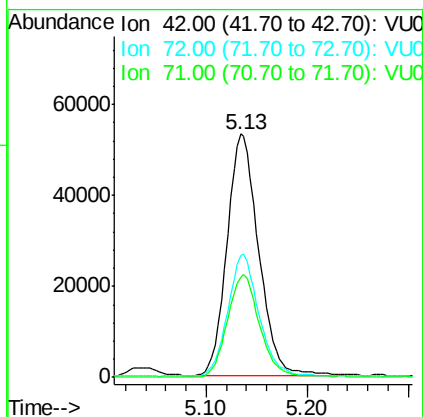
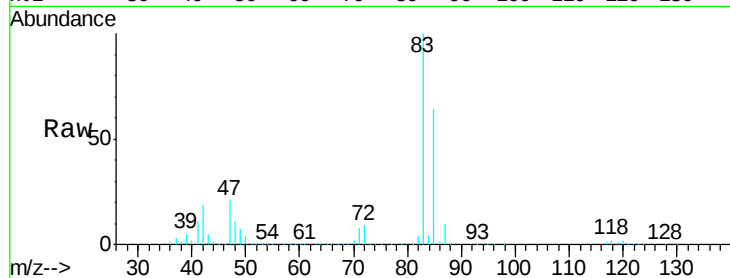
72 49.0 89.9 134.9#

71 42.7 3.7 5.5#

Manual Integrations
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#42

1-Chlorobutane

Concen: 15.312 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

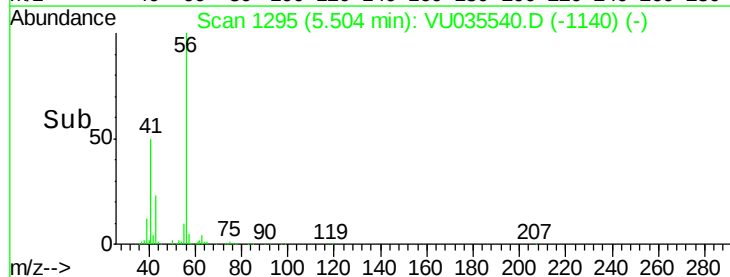
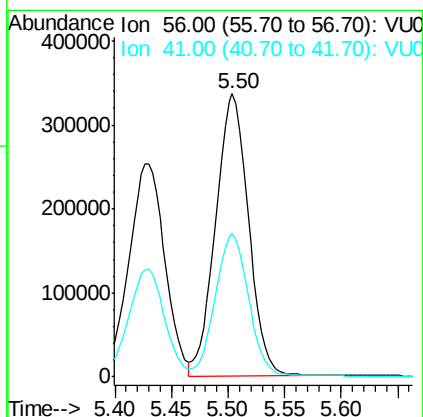
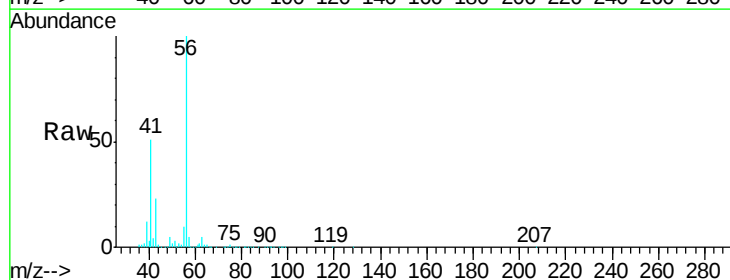
Lab File: VU035540.D

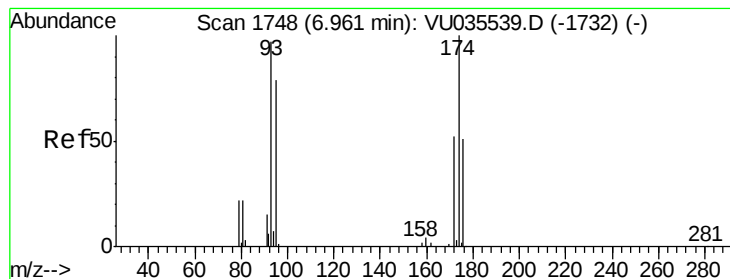
Acq: 29 Oct 2019 14:44

Tgt Ion: 56 Resp: 679254
Ion Ratio Lower Upper

56 100

41 51.4 25.5 76.5





#43

Dibromomethane

Concen: 15.452 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tgt Ion: 93 Resp: 193230

Ion Ratio Lower Upper

93 100

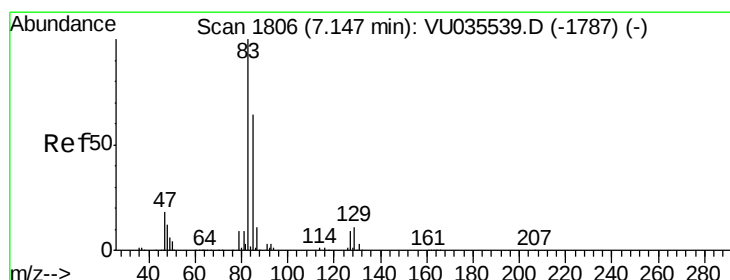
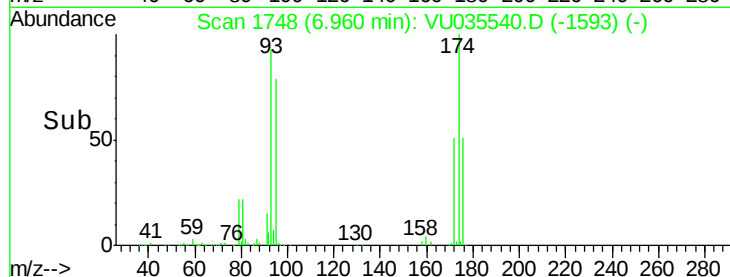
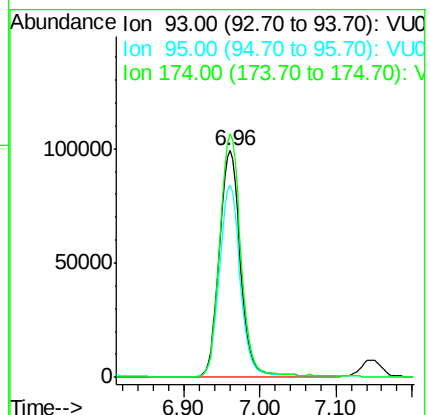
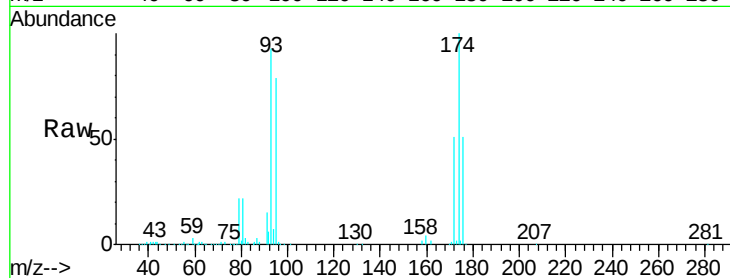
95 81.8 65.1 97.7

174 106.5 84.2 126.4

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#44

Bromodichloromethane

Concen: 14.957 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

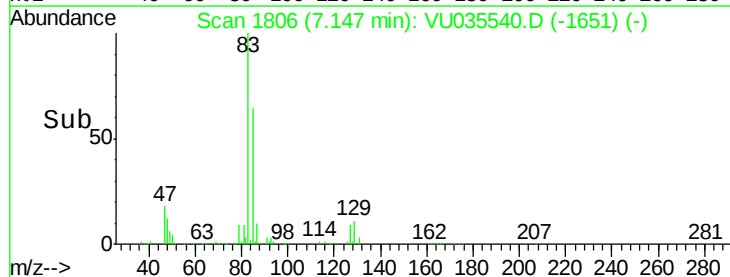
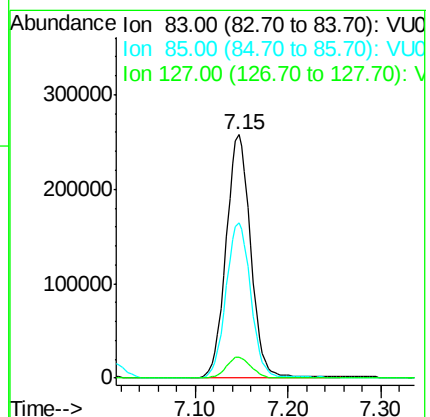
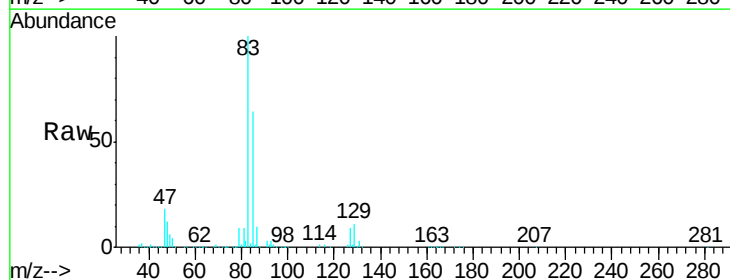
Tgt Ion: 83 Resp: 474971

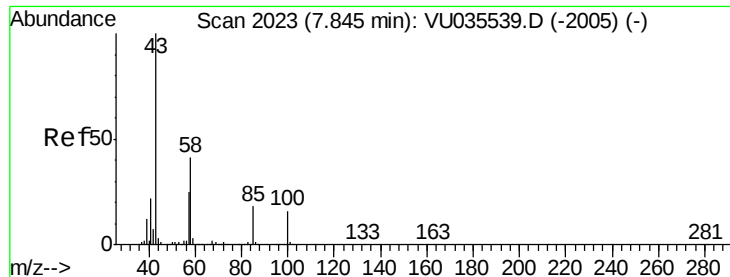
Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

127 8.8 7.0 10.4





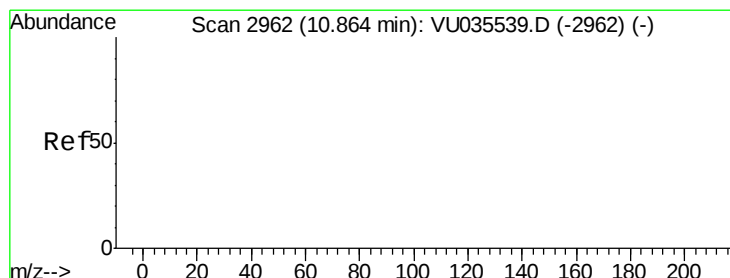
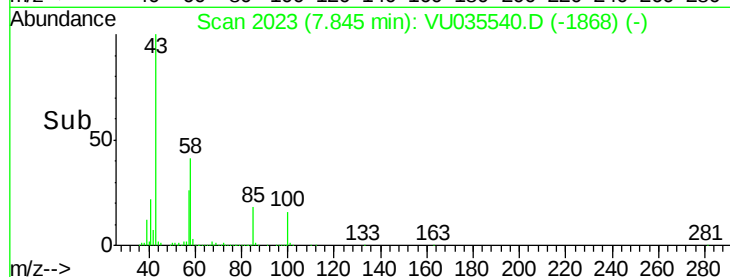
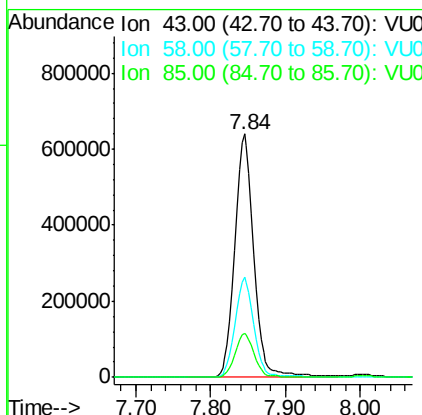
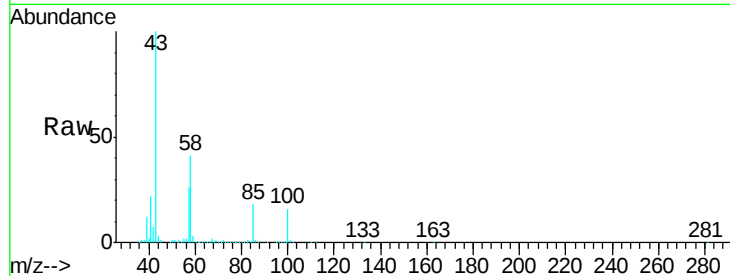
#45
 4-Methyl-2-Pentanone
 Concen: 89.228 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 1139042
 Ion Ratio Lower Upper
 43 100
 58 41.1 20.6 61.8
 85 18.1 14.5 21.7

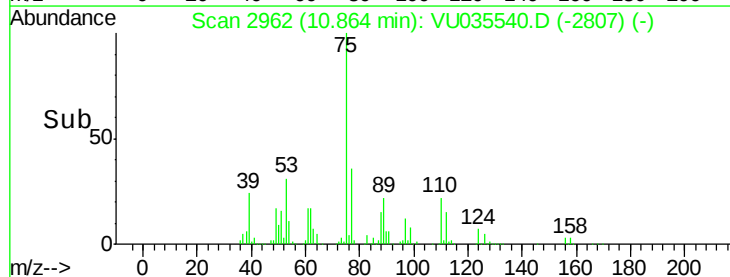
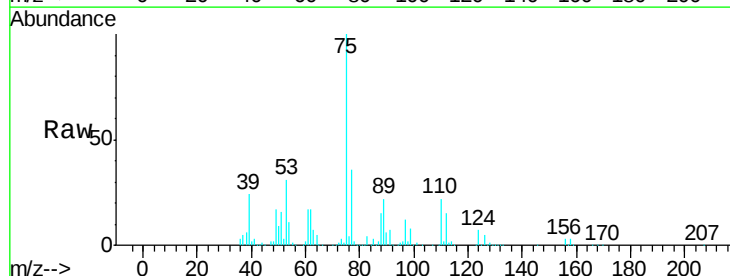
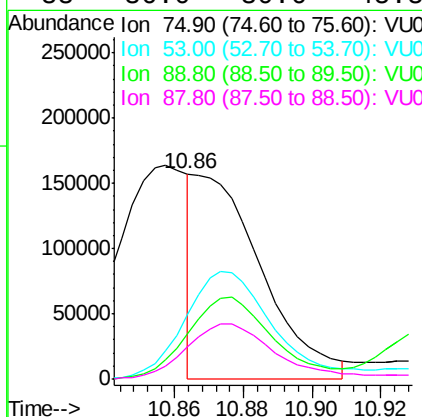
Manual Integrations
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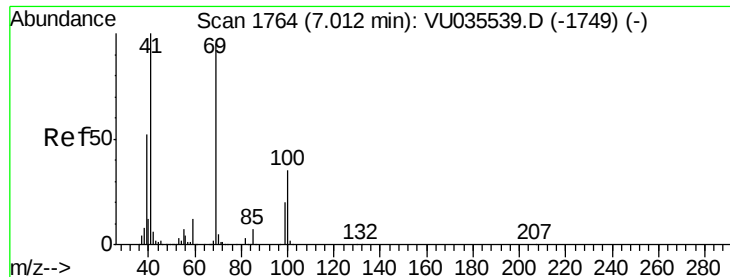
MMDadoda
 10/30/2019 10:38:58 AM



#46
 t-1,4-Dichloro-2-butene
 Concen: 40.053 ug/l m
 RT: 10.86 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 75 Resp: 212824
 Ion Ratio Lower Upper
 75 100
 53 69.2 54.1 81.1
 89 51.0 38.2 57.4
 88 36.0 30.6 45.8





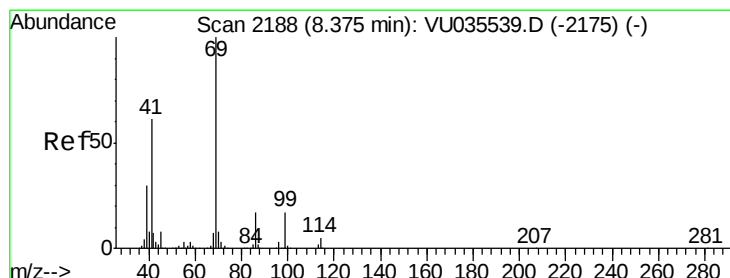
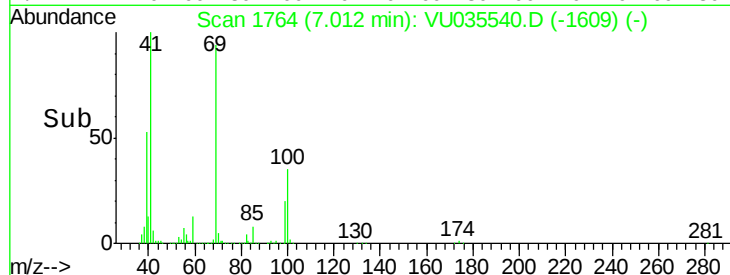
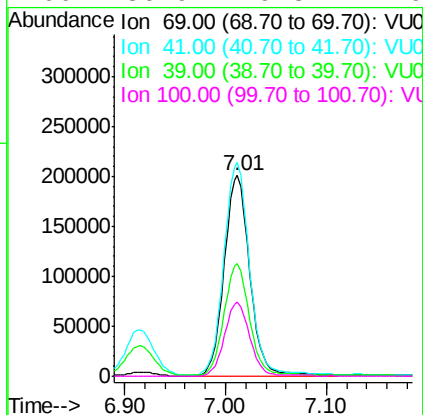
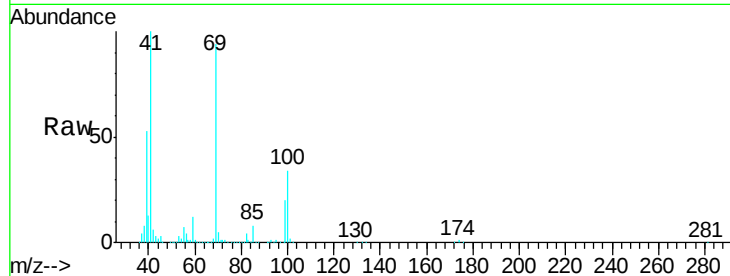
#47
Methyl methacrylate
Concen: 35.876 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
69	100		
41	104.2	0.0	216.8
39	55.0	45.1	67.7
100	36.9	29.8	44.6

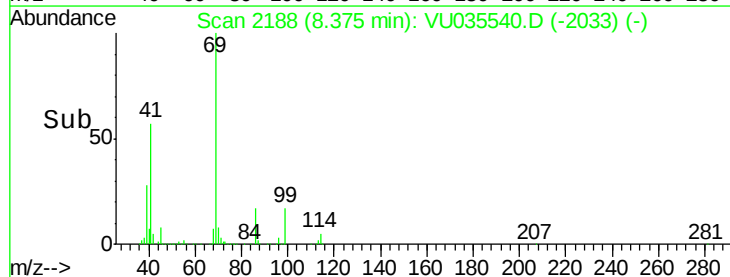
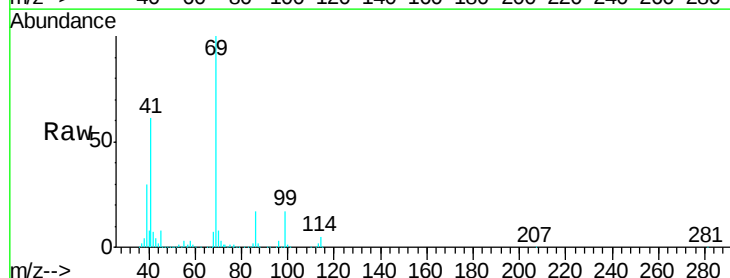
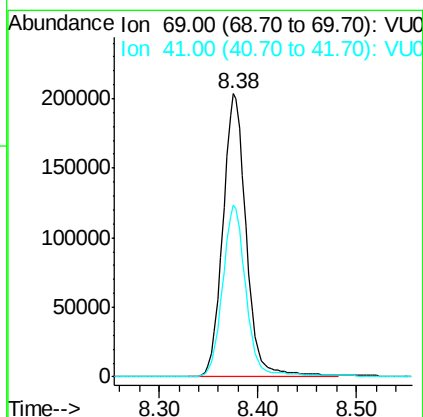
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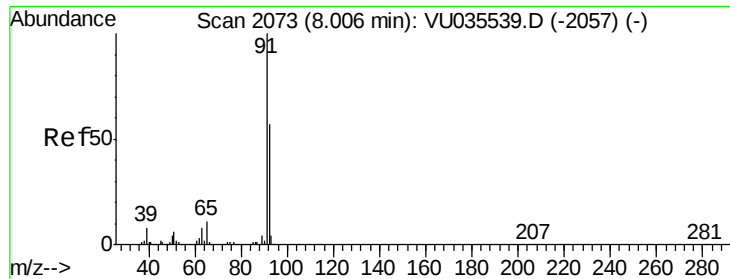
MMDadoda
10/30/2019 10:38:58 AM



#48
Ethyl methacrylate
Concen: 18.863 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	30.4	91.2





#49

Toluene

Concen: 15.665 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tgt Ion: 92 Resp: 895970

Ion Ratio Lower Upper

92 100

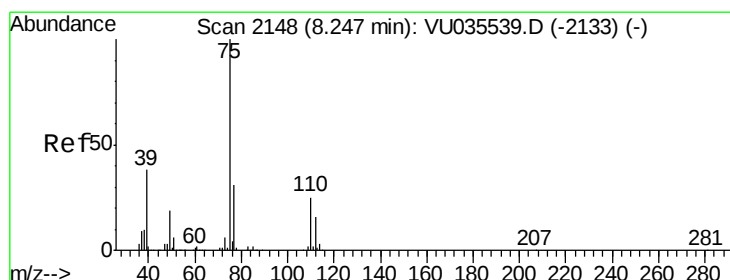
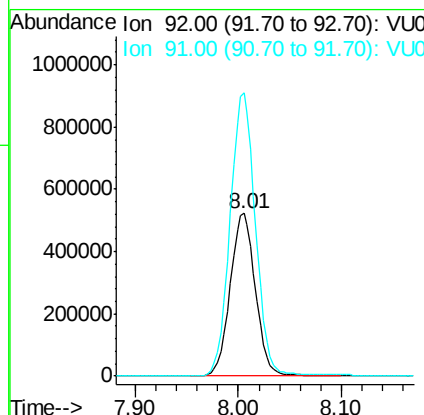
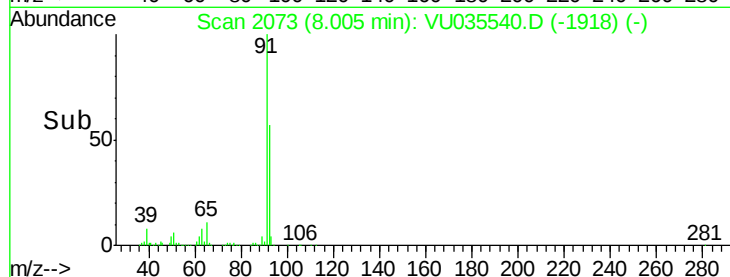
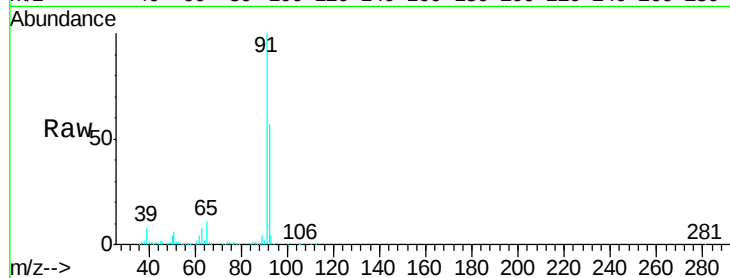
91 176.0 141.4 212.0

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#50

t-1,3-Dichloropropene

Concen: 17.432 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035540.D

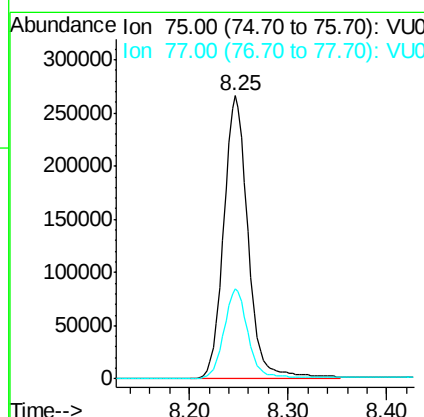
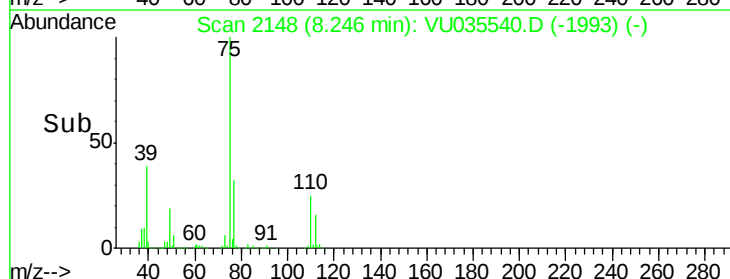
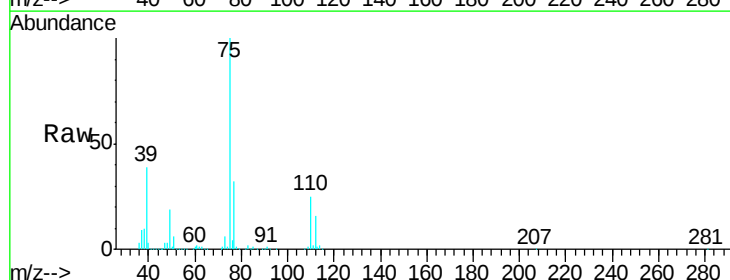
Acq: 29 Oct 2019 14:44

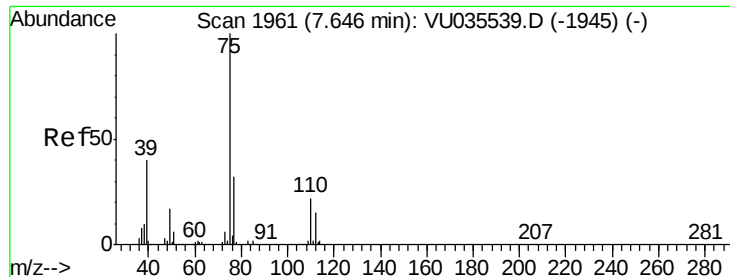
Tgt Ion: 75 Resp: 465129

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8





#51

cis-1,3-Dichloropropene
Concen: 16.445 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

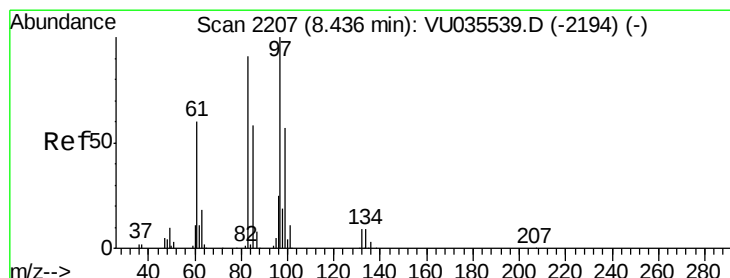
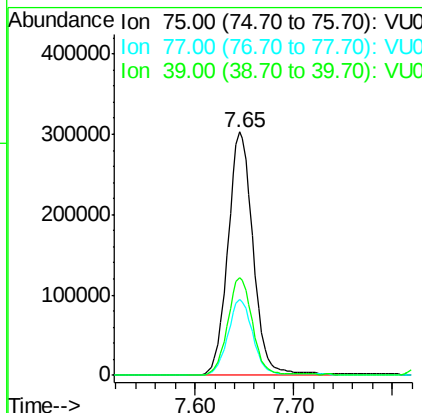
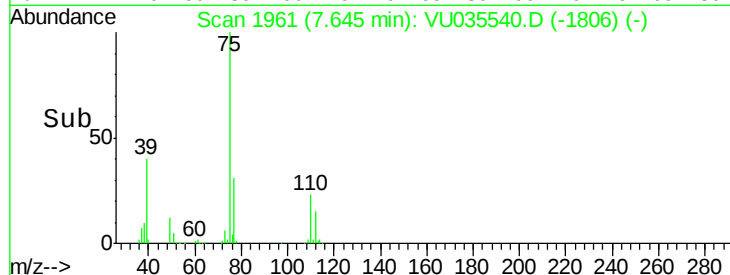
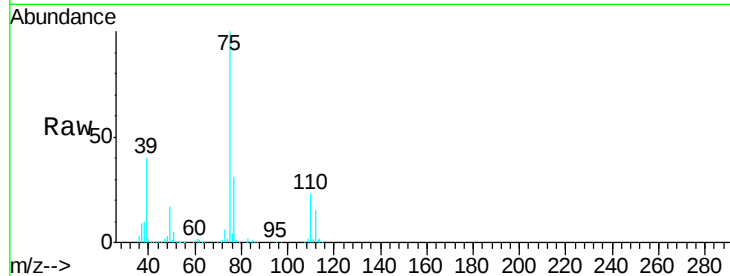
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	40.3	32.1	48.1

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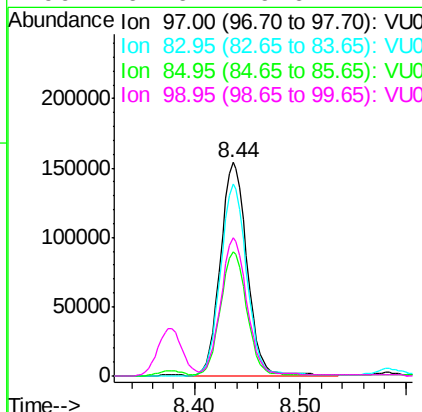
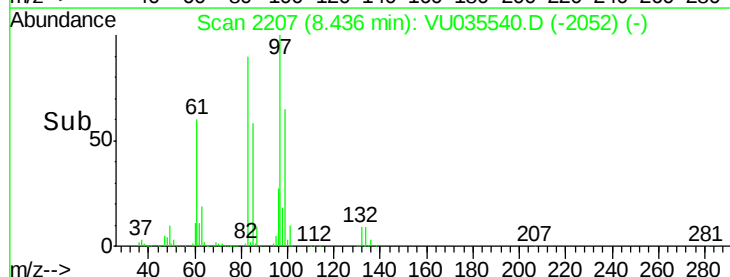
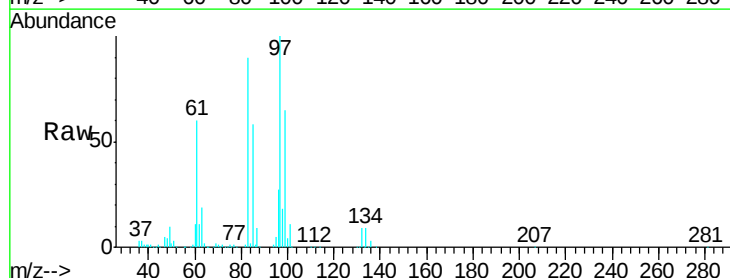
10/30/2019 10:38:58 AM

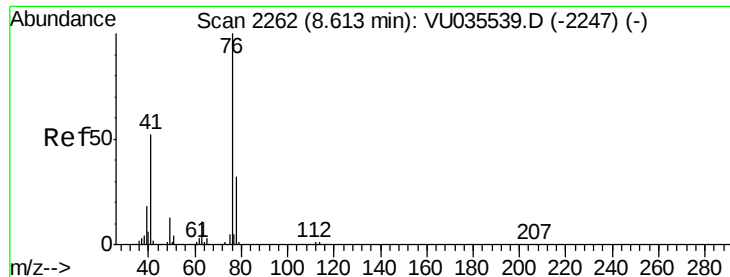


#52

1,1,2-Trichloroethane
Concen: 15.511 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	72.6	108.8
85	57.9	46.4	69.6
99	64.6	49.6	74.4





#53

1,3-Dichloropropane

Concen: 16.098 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tgt Ion: 76 Resp: 467786

Ion Ratio Lower Upper

76 100

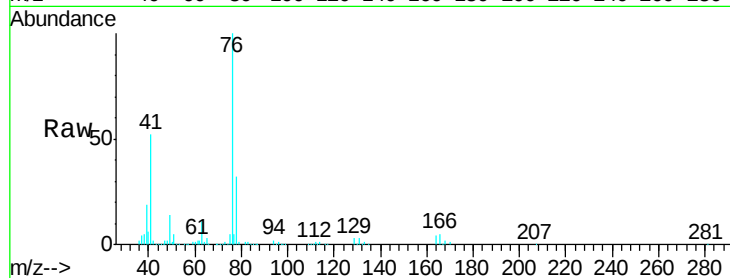
78 32.2 25.6 38.4

Manual Integrations

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Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-2247) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-2247) (-)

8.61

250000

200000

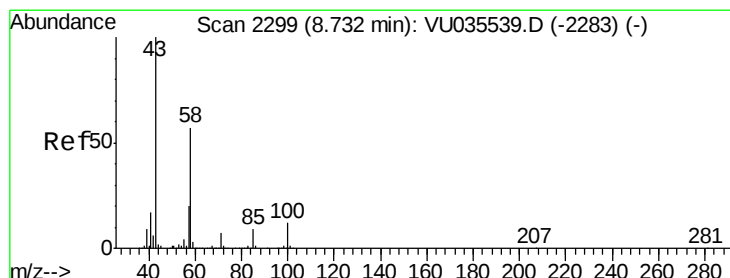
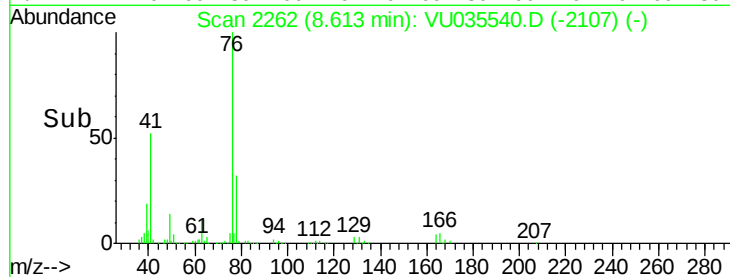
150000

100000

50000

0

Time-->



#54

2-Hexanone

Concen: 97.054 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

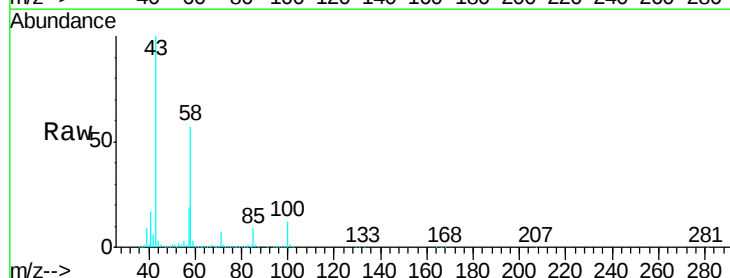
Tgt Ion: 43 Resp: 835555

Ion Ratio Lower Upper

43 100

58 57.7 37.2 77.2

57 19.5 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-2283) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-2283) (-)

Ion 57.00 (56.70 to 57.70): VU035539.D (-2283) (-)

8.73

600000

500000

400000

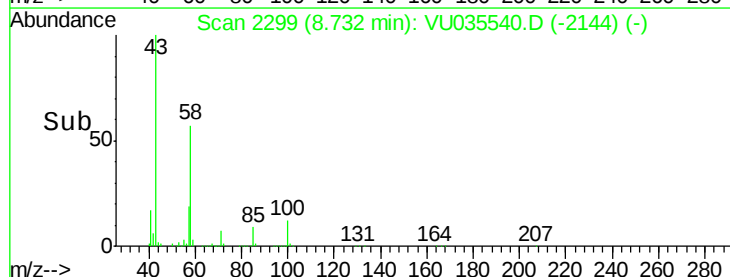
300000

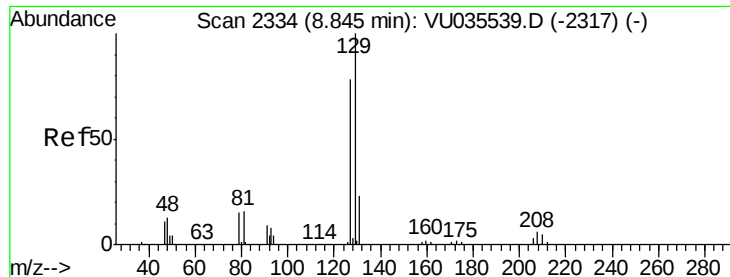
200000

100000

0

Time-->





#55

Dibromochloromethane

Concen: 16.077 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:129 Resp: 338870

Ion Ratio Lower Upper

129 100

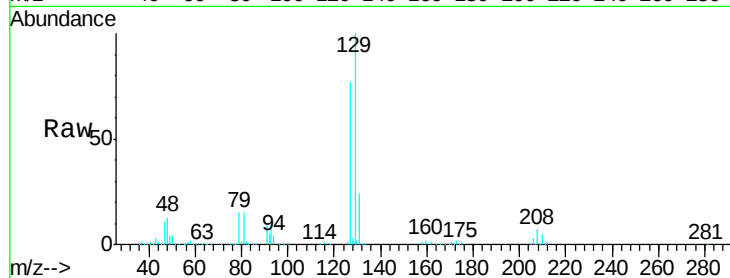
127 77.4 62.3 93.5

Manual Integrations

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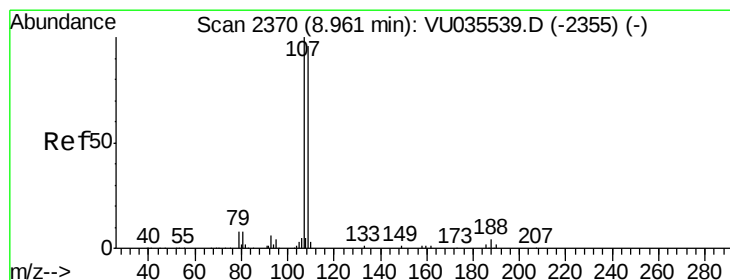
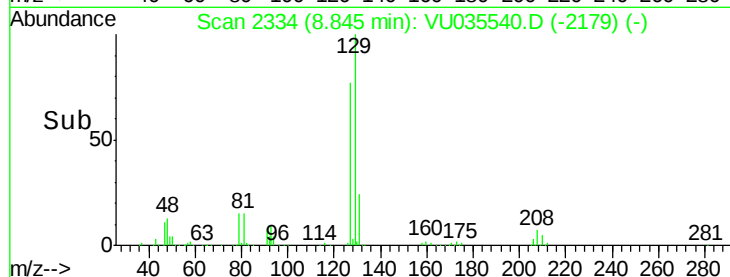
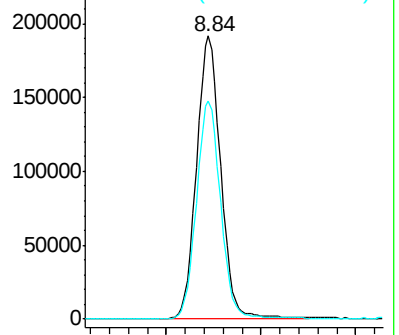
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 16.366 ug/l

RT: 8.96 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VU035540.D

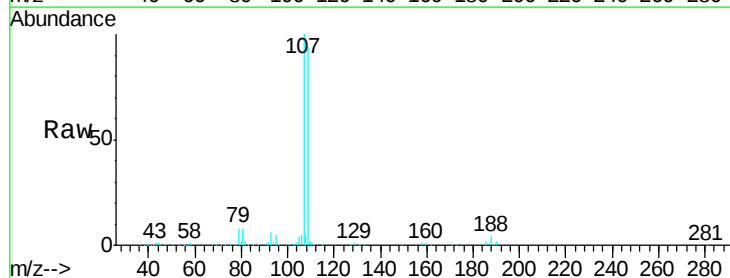
Acq: 29 Oct 2019 14:44

Tgt Ion:107 Resp: 261980

Ion Ratio Lower Upper

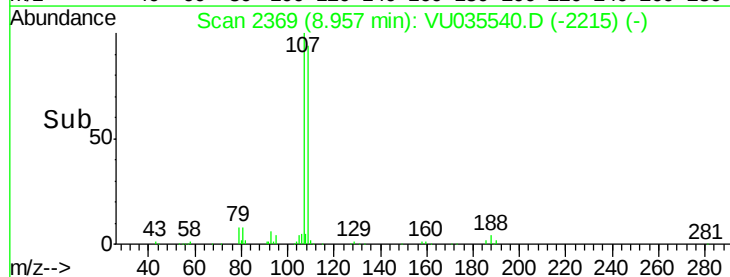
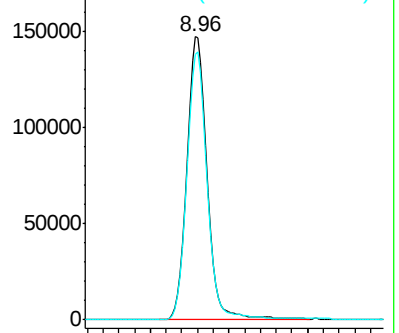
107 100

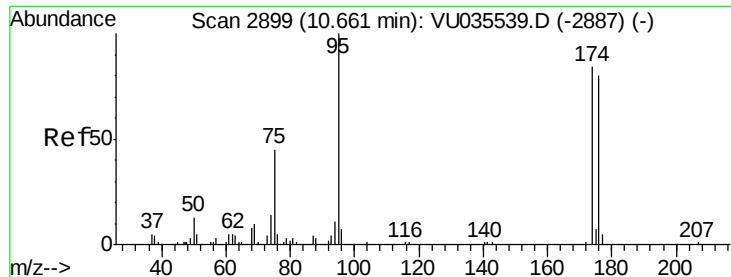
109 94.7 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

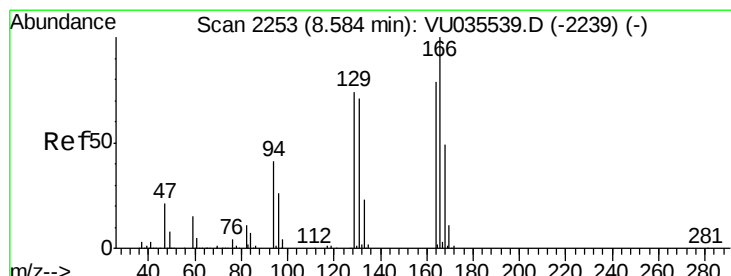
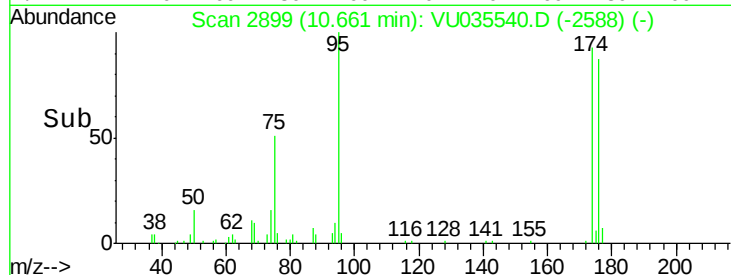
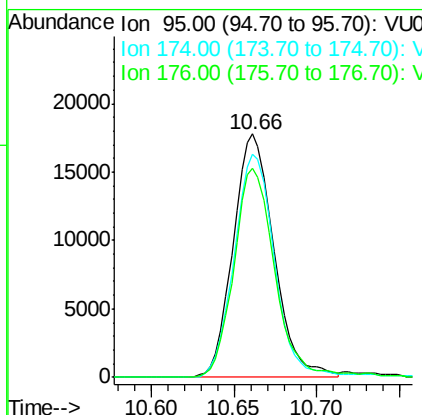
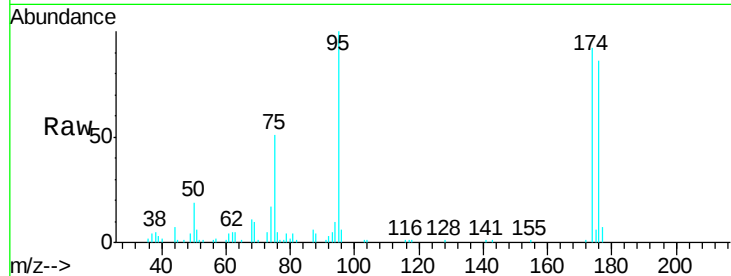
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 95 Resp: 30430
Ion Ratio Lower Upper
95 100
174 90.7 70.2 105.4
176 86.0 67.7 101.5

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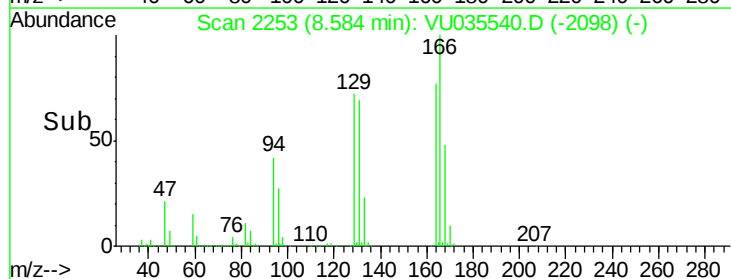
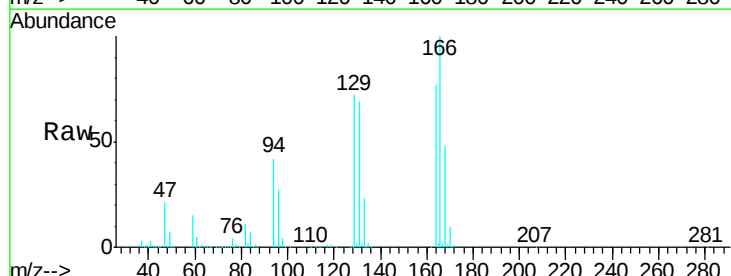
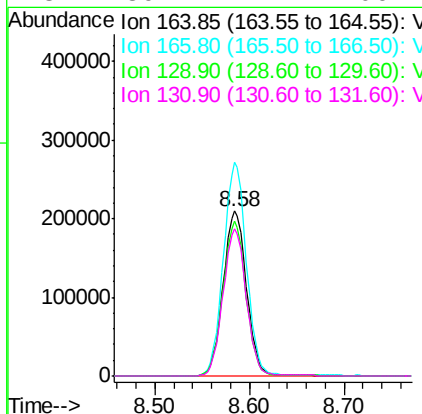
MMDadoda

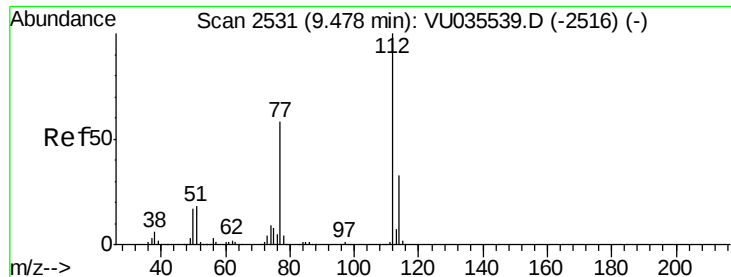
10/30/2019 10:38:58 AM



#58
Tetrachloroethene
Concen: 13.965 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion: 164 Resp: 362226
Ion Ratio Lower Upper
164 100
166 129.5 100.6 151.0
129 93.7 74.1 111.1
131 89.4 71.1 106.7





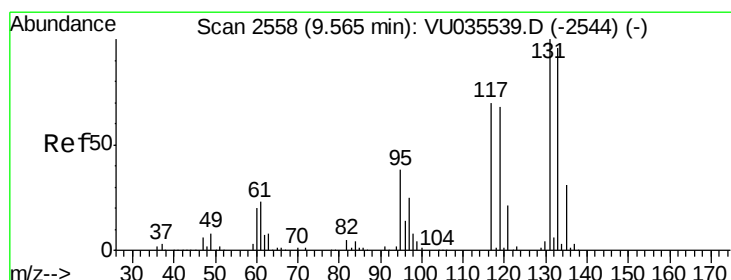
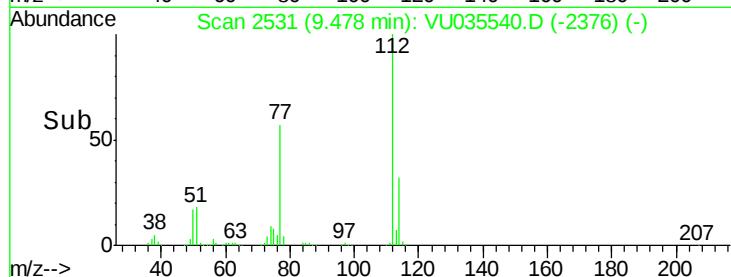
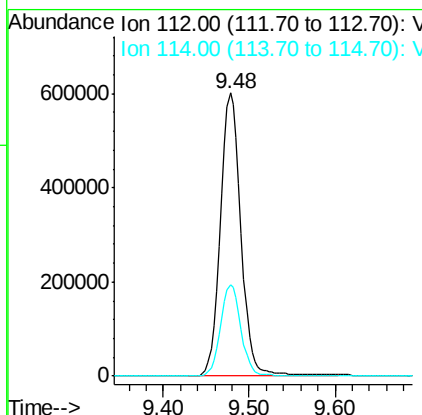
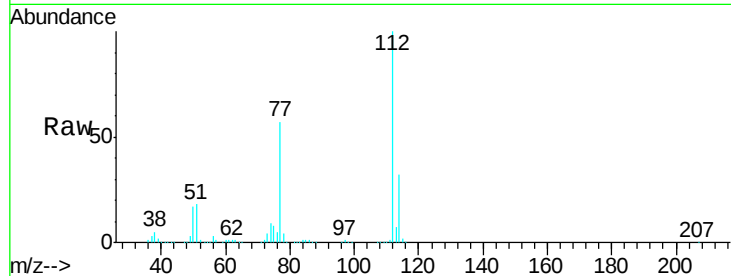
#59
Chlorobenzene
Concen: 15.635 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 1003640
Ion Ratio Lower Upper
112 100
114 32.1 26.5 39.7

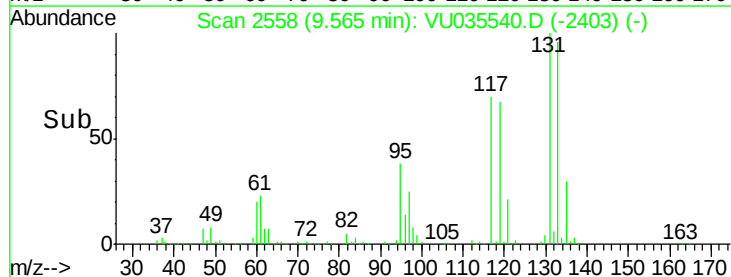
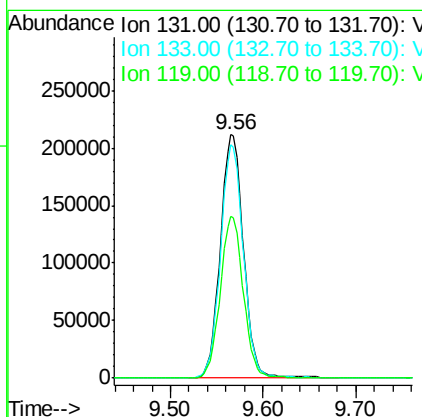
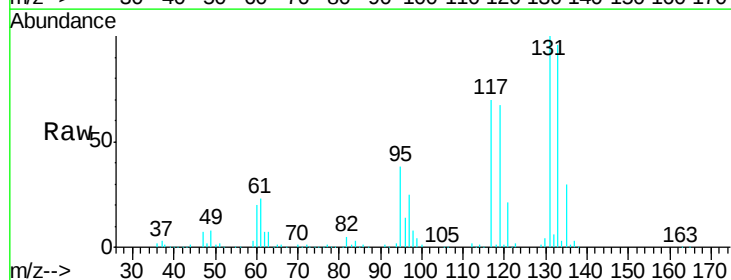
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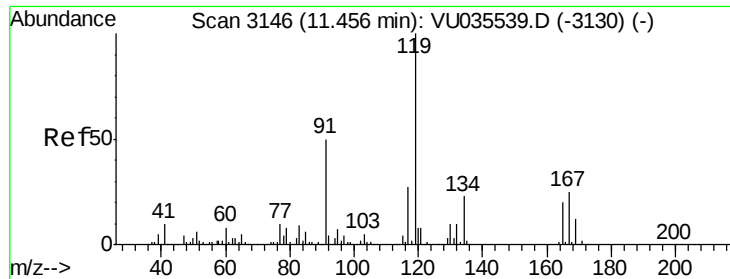
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#60
1,1,1,2-Tetrachloroethane
Concen: 15.341 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:131 Resp: 365947
Ion Ratio Lower Upper
131 100
133 94.5 76.9 115.3
119 66.2 53.6 80.4





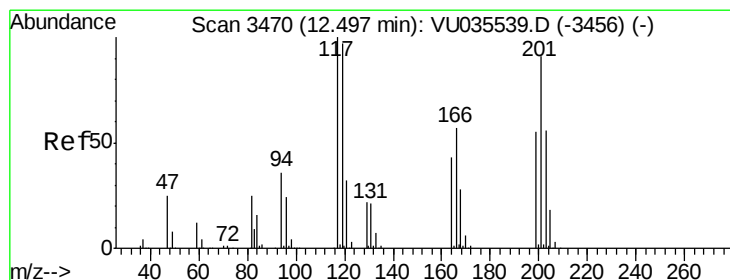
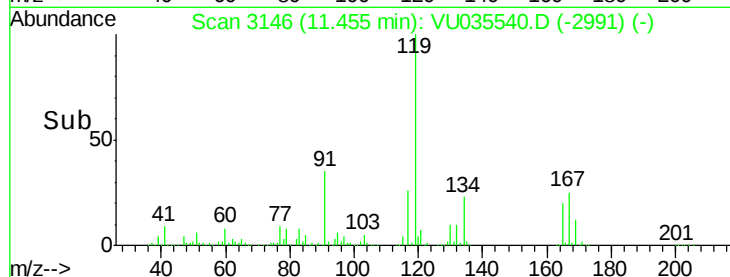
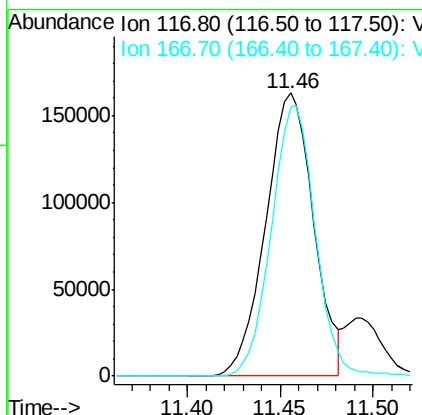
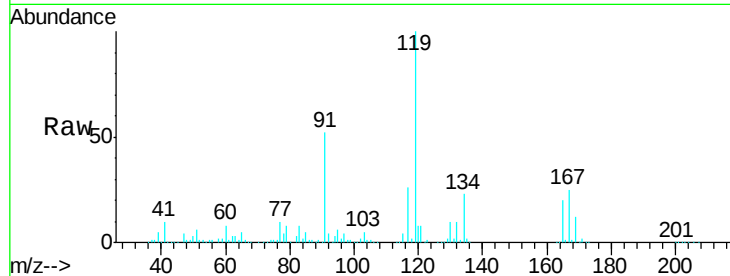
#61
 Pentachloroethane
 Concen: 15.094 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion:117 Resp: 292753
 Ion Ratio Lower Upper
 117 100
 167 88.0 69.8 104.6

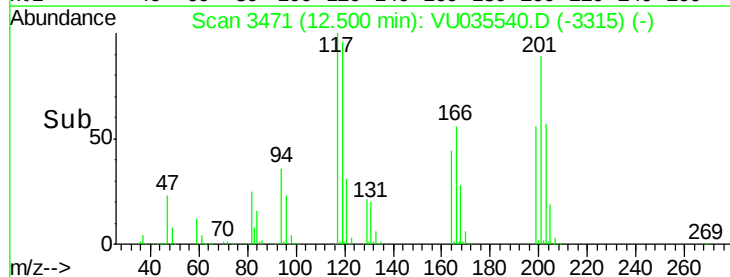
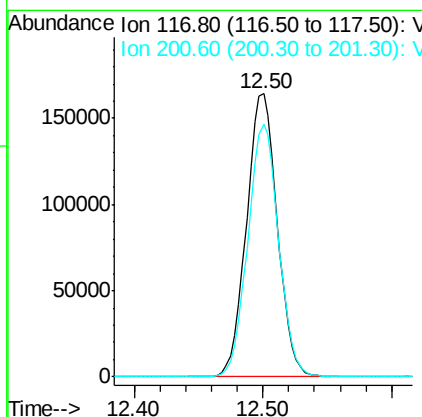
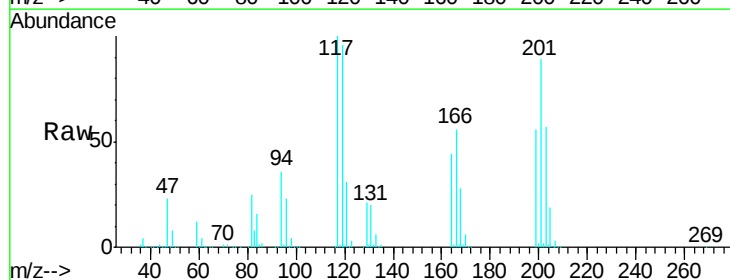
Manual Integrations
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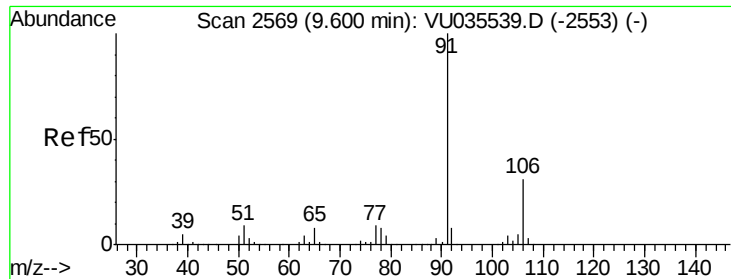
MMDadoda
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#62
 Hexachloroethane
 Concen: 15.811 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion:117 Resp: 273710
 Ion Ratio Lower Upper
 117 100
 201 89.2 71.8 107.8





#63

Ethyl Benzene

Concen: 16.730 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 1713112

Ion Ratio Lower Upper

91 100

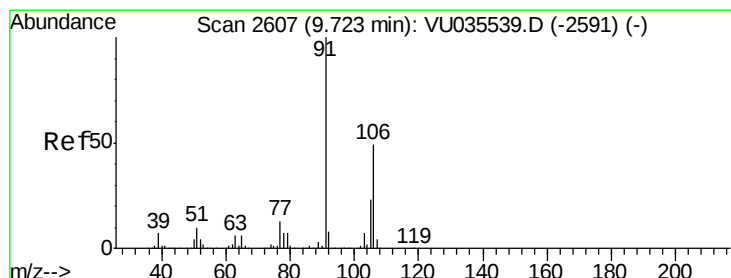
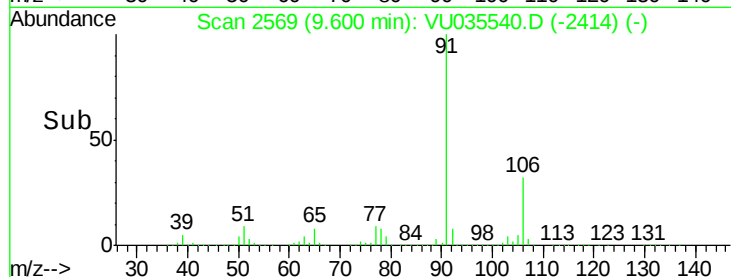
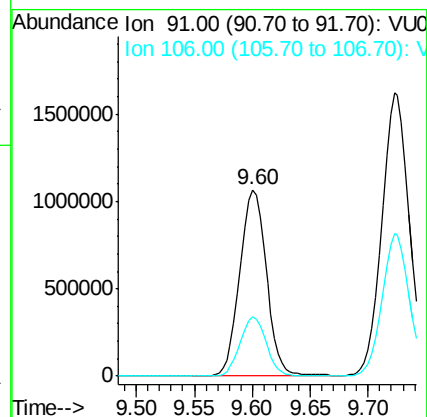
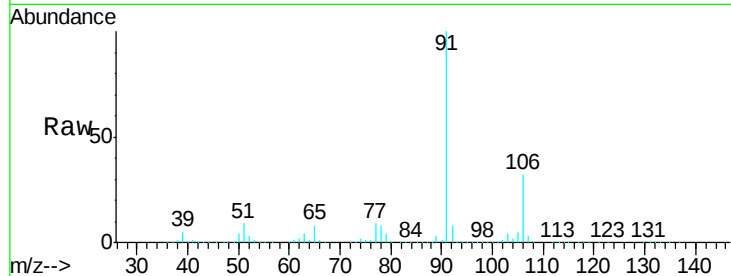
106 31.7 25.2 37.8

Manual Integrations

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#64

m/p-Xylenes

Concen: 32.809 ug/l

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035540.D

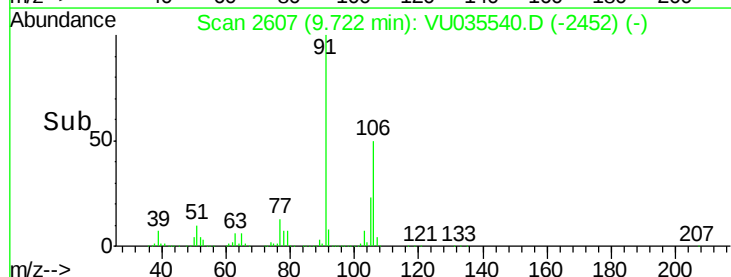
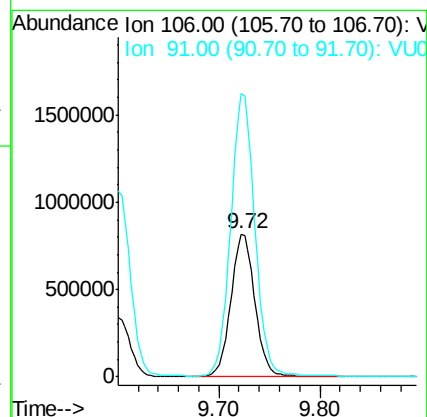
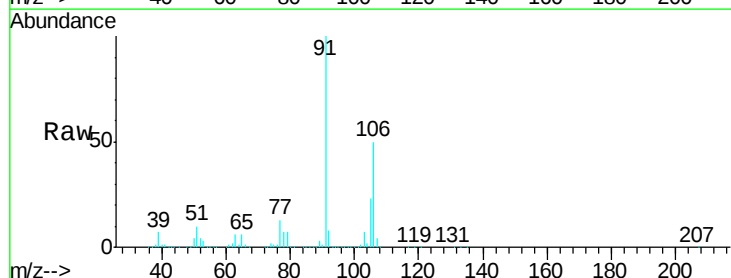
Acq: 29 Oct 2019 14:44

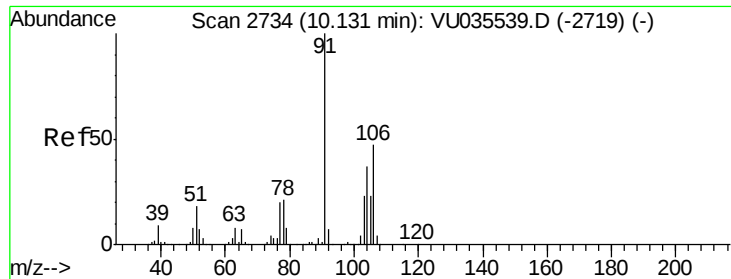
Tgt Ion: 106 Resp: 1355798

Ion Ratio Lower Upper

106 100

91 203.4 81.0 121.4#





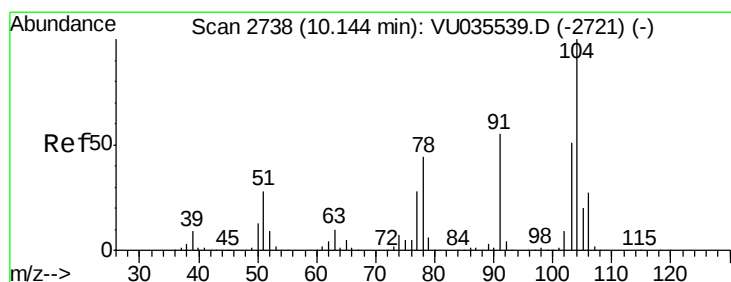
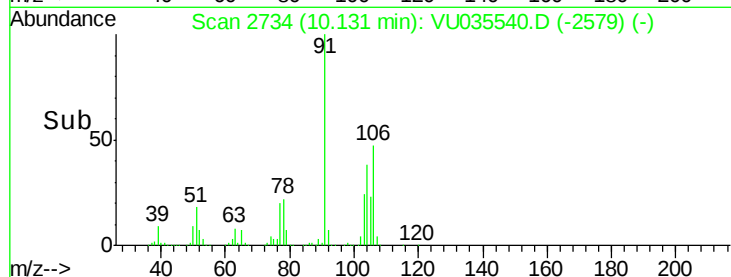
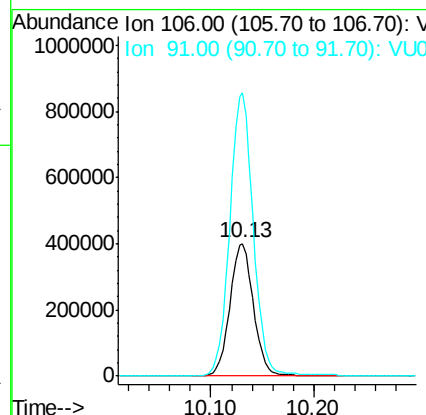
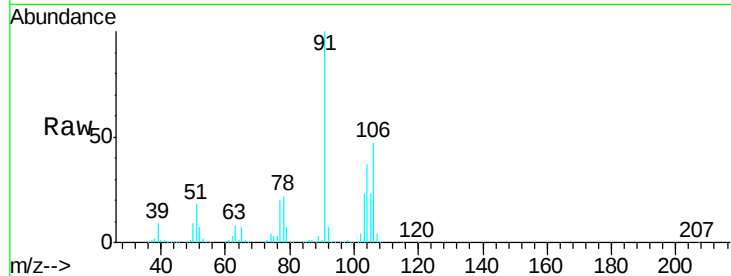
#65
o-Xylene
Concen: 16.274 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 641056
Ion Ratio Lower Upper
106 100
91 213.6 107.1 321.1

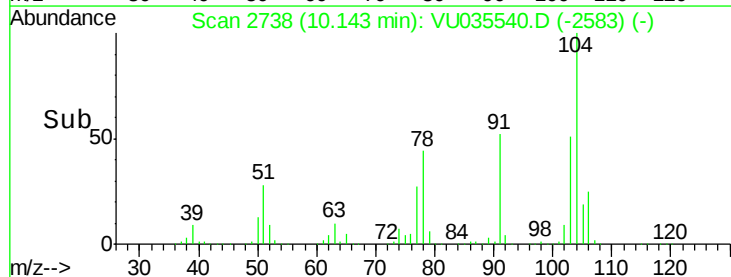
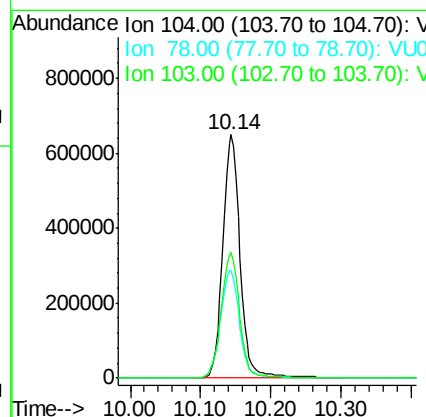
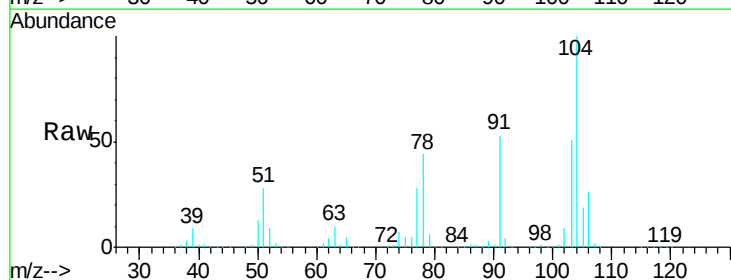
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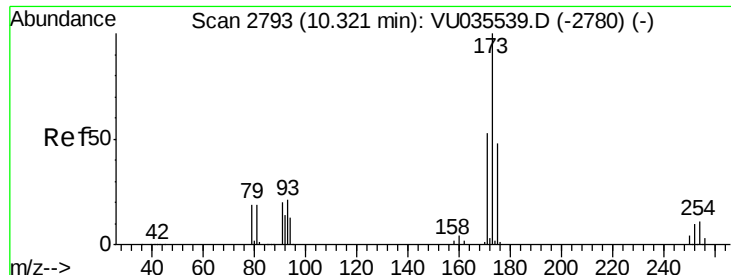
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#66
Styrene
Concen: 16.800 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:104 Resp: 1109328
Ion Ratio Lower Upper
104 100
78 48.8 38.6 58.0
103 55.5 43.6 65.4





#67

Bromoform

Concen: 17.131 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:173 Resp: 215169

Ion Ratio Lower Upper

173 100

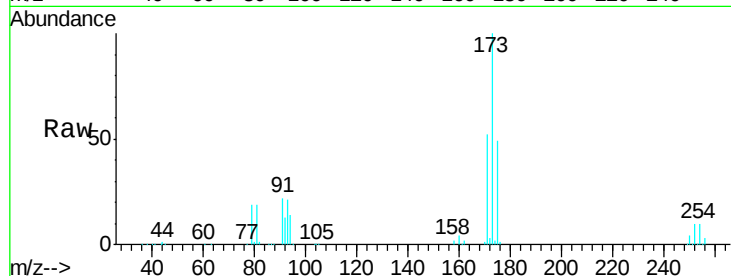
175 48.2 38.7 58.1

254 10.0 8.2 12.2

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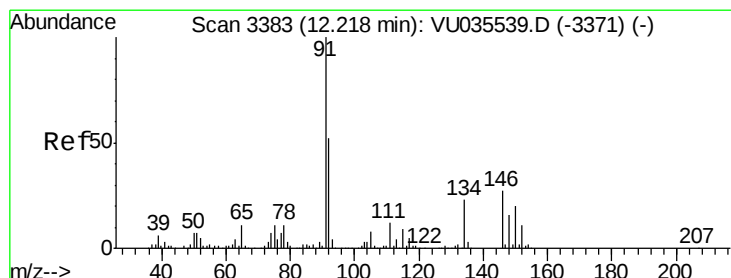
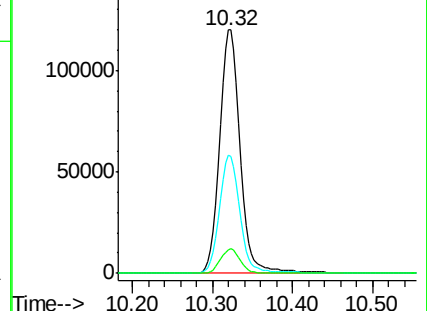
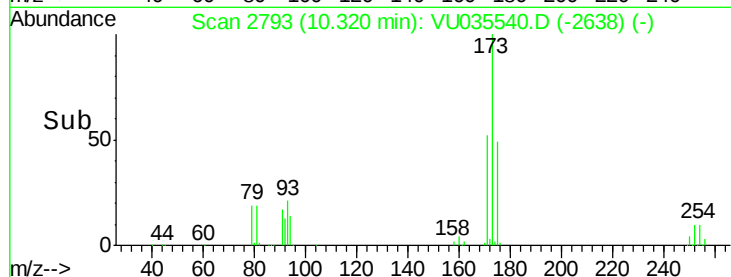
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Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.979 ug/l

RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

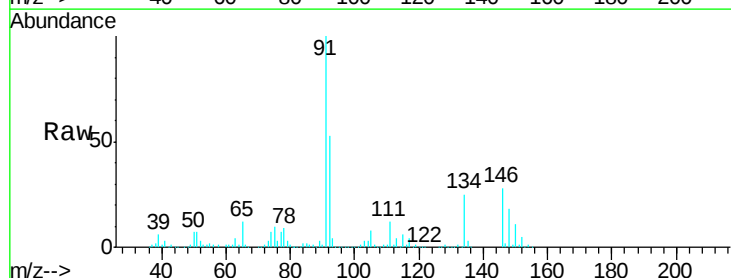
Tgt Ion:152 Resp: 33403

Ion Ratio Lower Upper

152 100

115 149.3 0.0 250.6

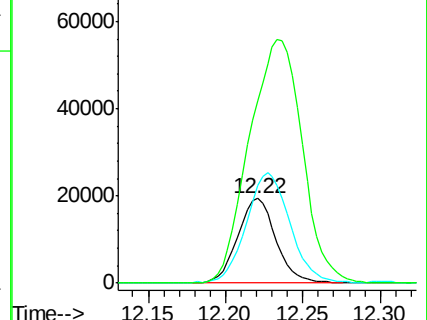
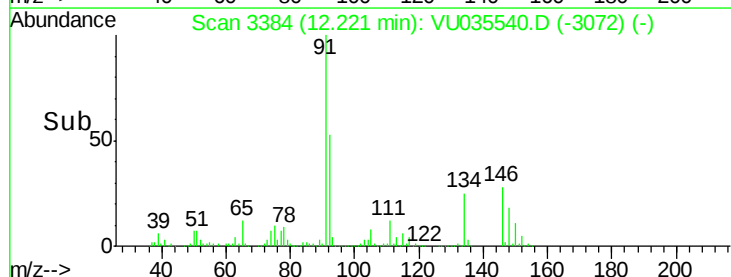
150 397.3 0.0 656.8

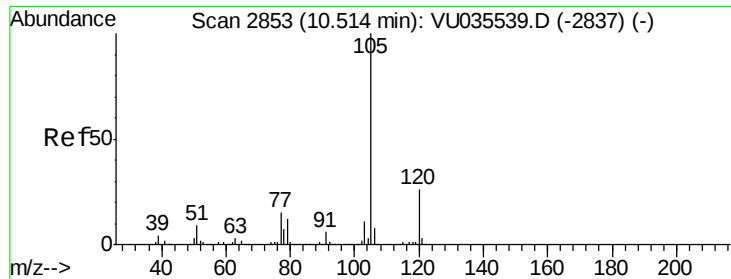


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 16.504 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 1697925

Ion Ratio Lower Upper

105 100

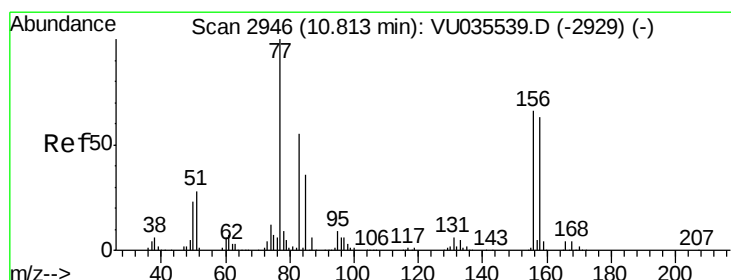
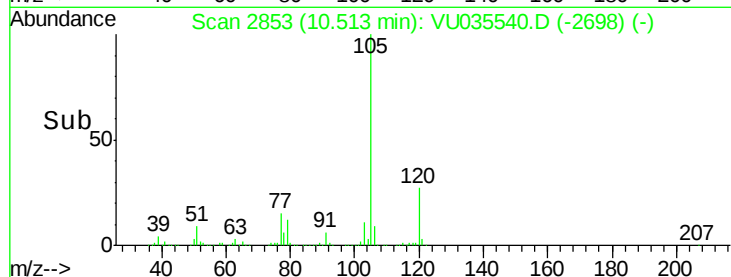
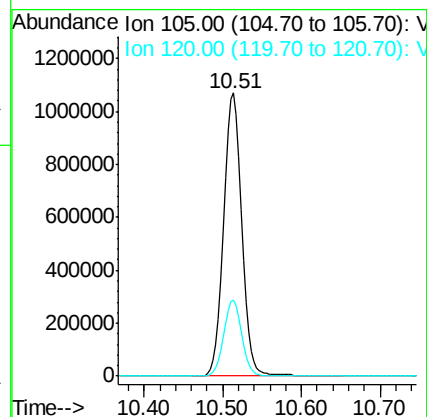
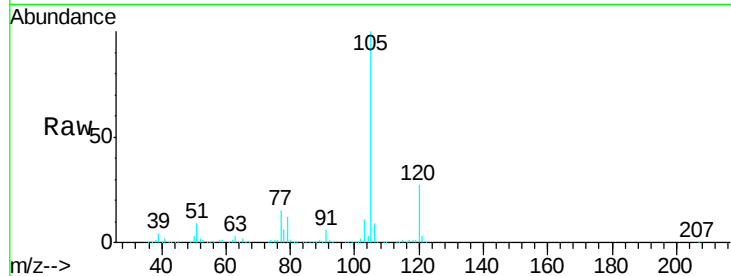
120 26.7 13.2 39.5

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#70

1,1,2,2-Tetrachloroethane

Concen: 16.172 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

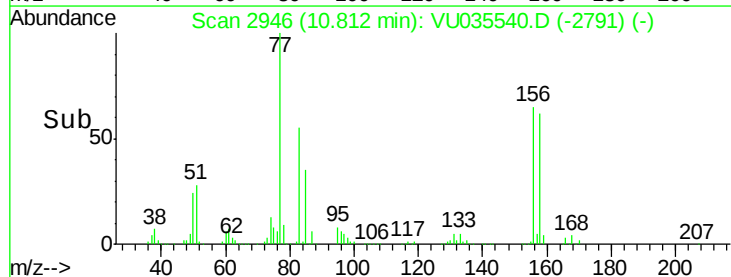
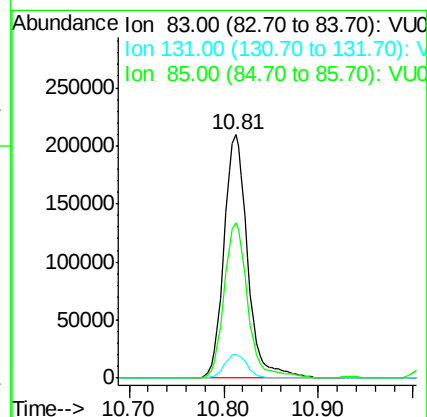
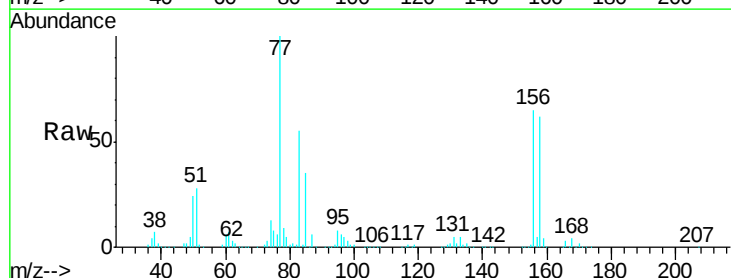
Tgt Ion: 83 Resp: 362420

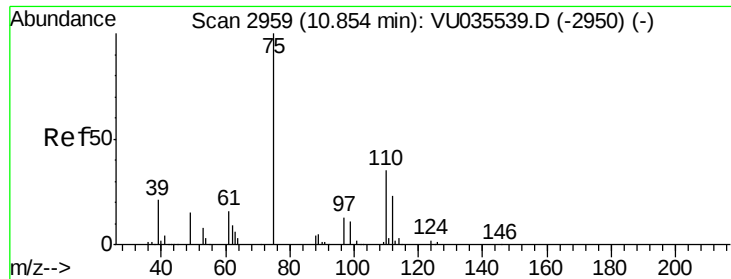
Ion Ratio Lower Upper

83 100

131 9.7 0.0 0.0#

85 64.2 33.5 50.3#





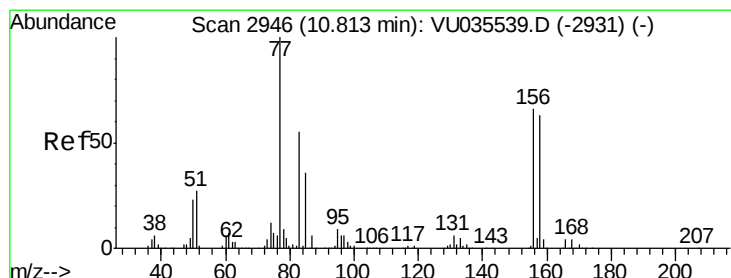
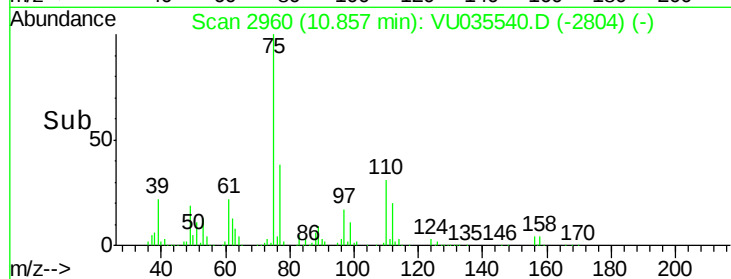
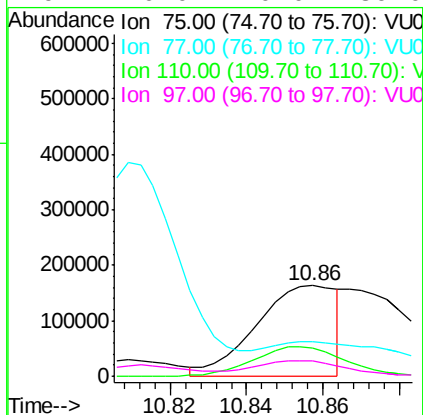
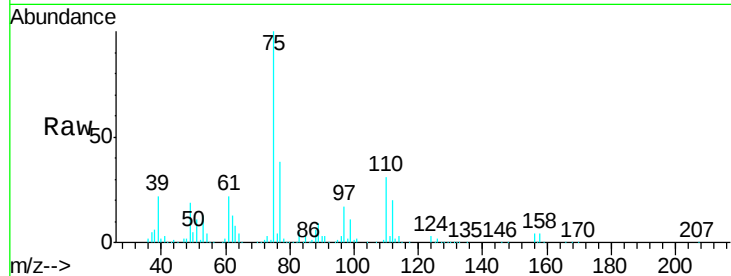
#71
 1,2,3-Trichloropropane
 Concen: 15.434 ug/l m
 RT: 10.86 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion	Ratio	Lower	Upper
75	100		
77	60.4	0.0	68.6
110	37.3	0.0	77.2
97	20.0	0.0	39.0

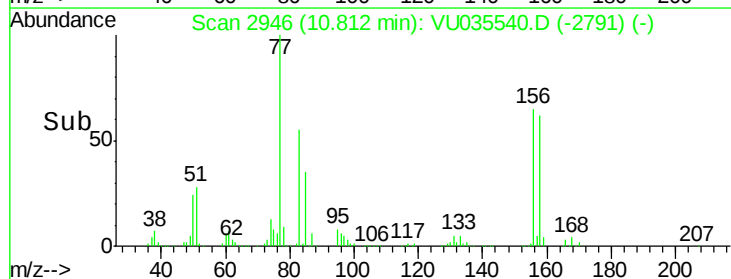
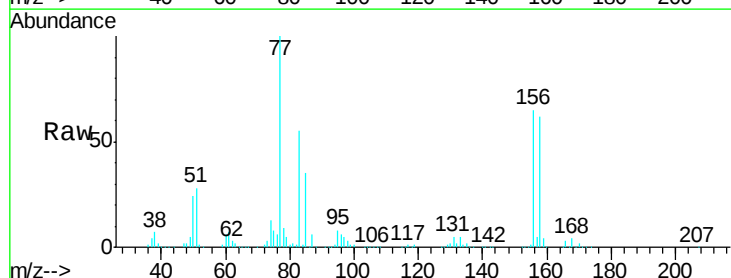
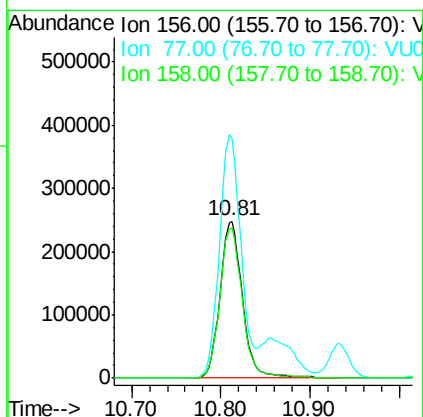
Manual Integrations
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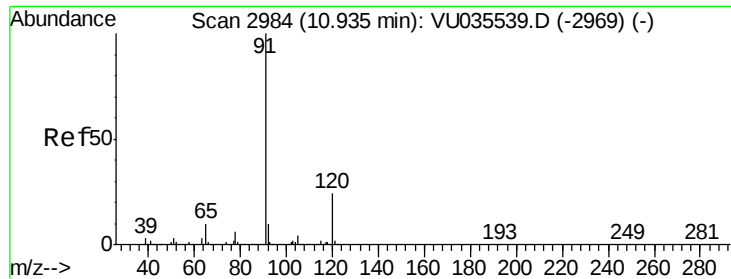
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#72
 Bromobenzene
 Concen: 15.373 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Lower	Upper
156	100		
77	148.8	0.0	300.4
158	95.4	0.0	194.4





#73

n-propylbenzene

Concen: 16.434 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tgt Ion:120 Resp: 487519

Ion Ratio Lower Upper

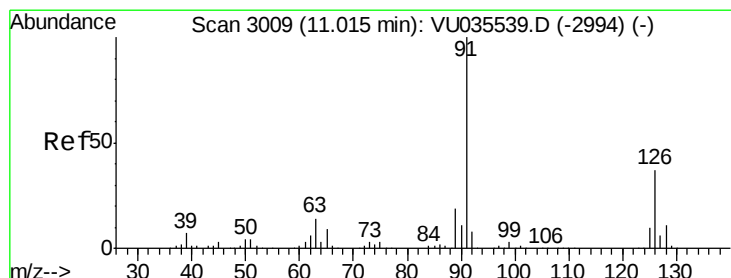
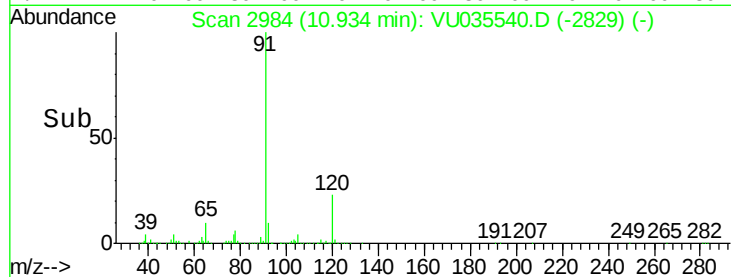
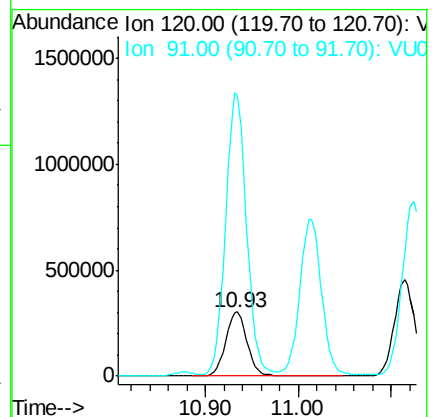
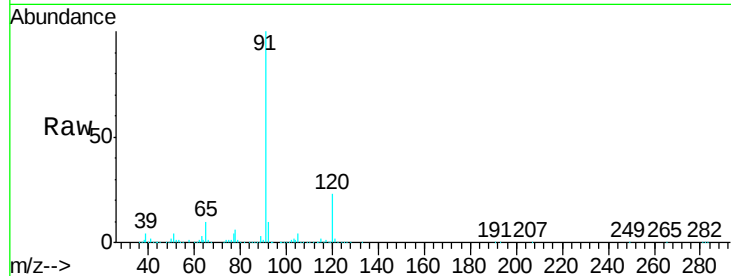
120 100

91 425.0 340.6 510.8

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#74

2-Chlorotoluene

Concen: 15.793 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035540.D

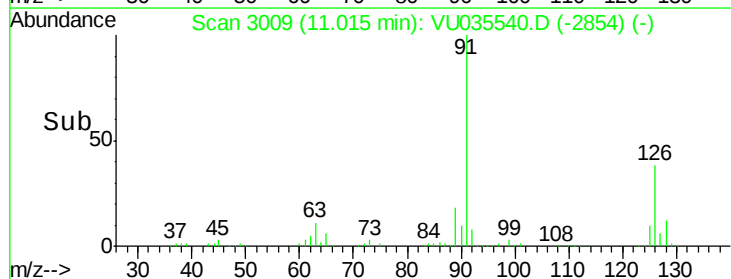
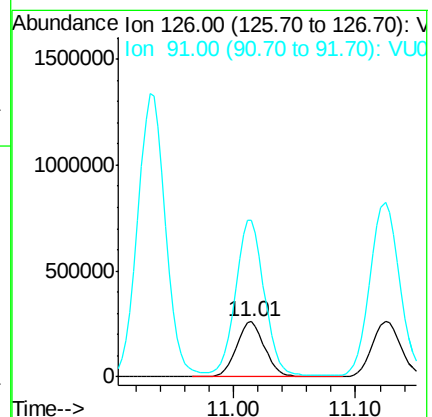
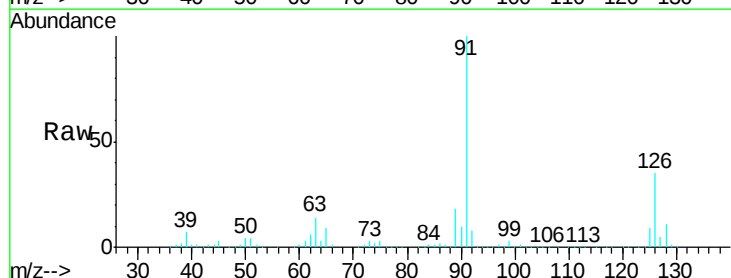
Acq: 29 Oct 2019 14:44

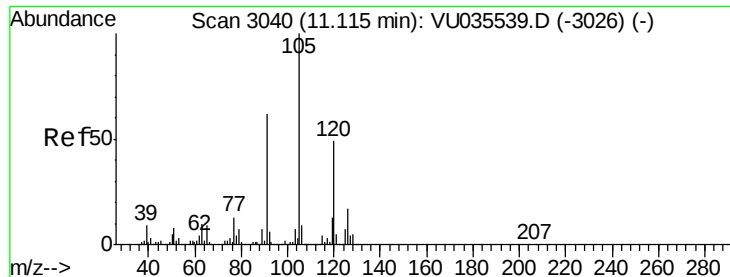
Tgt Ion:126 Resp: 423613

Ion Ratio Lower Upper

126 100

91 286.4 0.0 574.2





#75

1,3,5-Trimethylbenzene

Concen: 15.712 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

VSTDIC015

Tgt Ion:105 Resp: 1433303

Ion Ratio Lower Upper

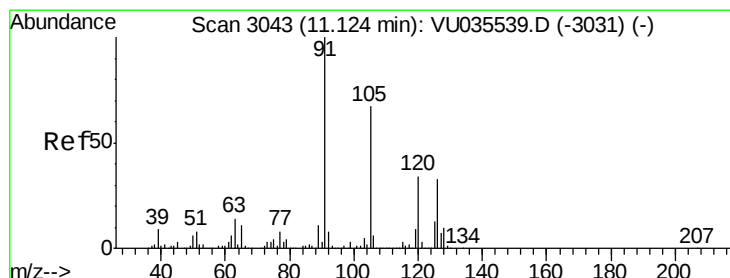
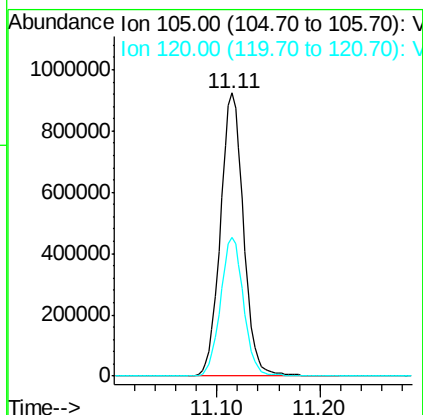
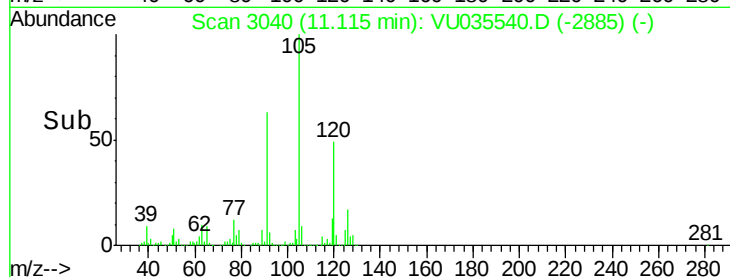
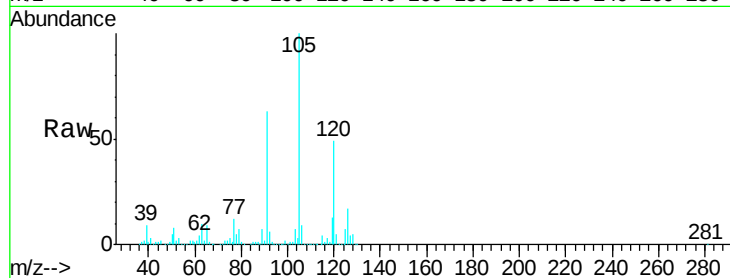
105 100

120 49.2 39.4 59.2

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#76

4-Chlorotoluene

Concen: 15.967 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035540.D

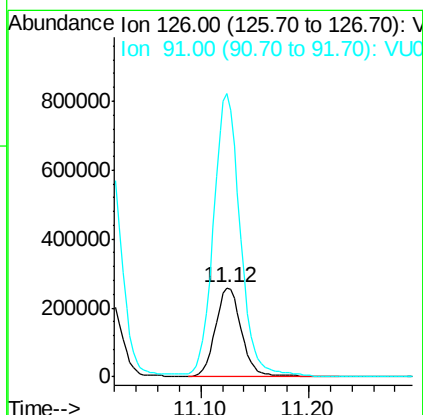
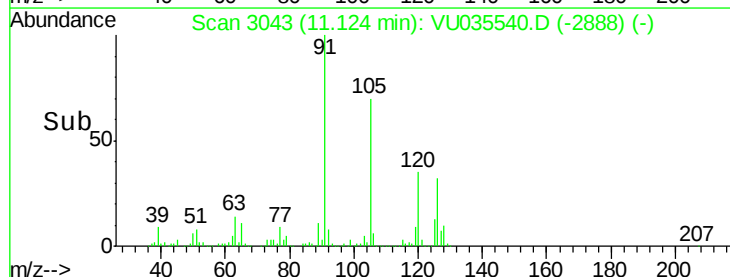
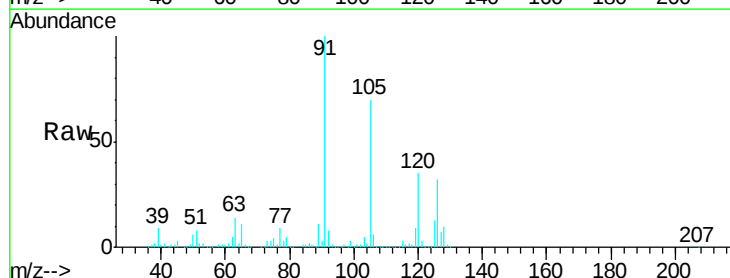
Acq: 29 Oct 2019 14:44

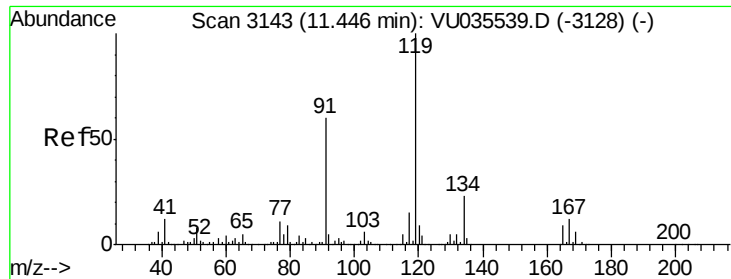
Tgt Ion:126 Resp: 436790

Ion Ratio Lower Upper

126 100

91 325.3 0.0 637.0





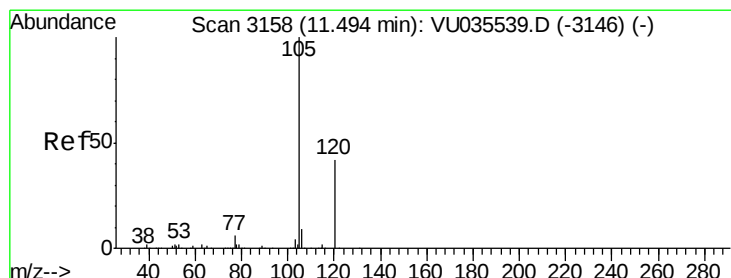
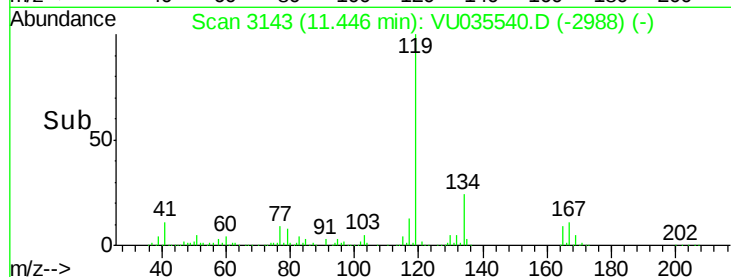
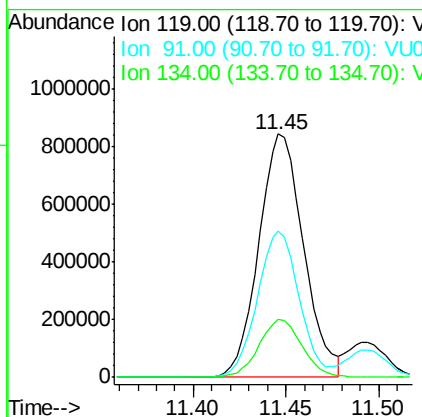
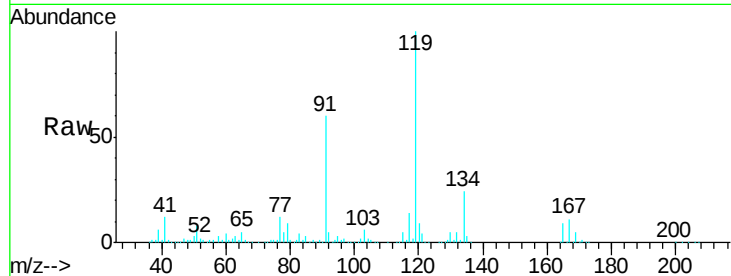
#77
 tert-Butylbenzene
 Concen: 15.901 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC015

Tgt Ion:119 Resp: 1417032
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.9 83.7
 134 23.0 18.3 27.5

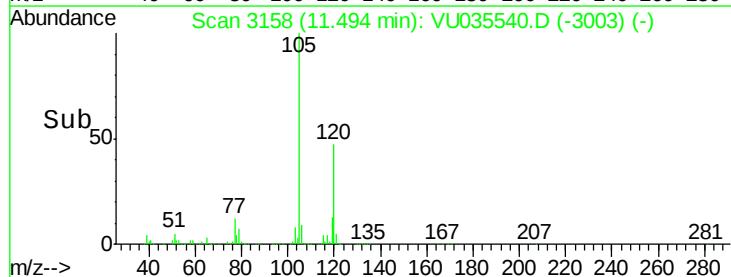
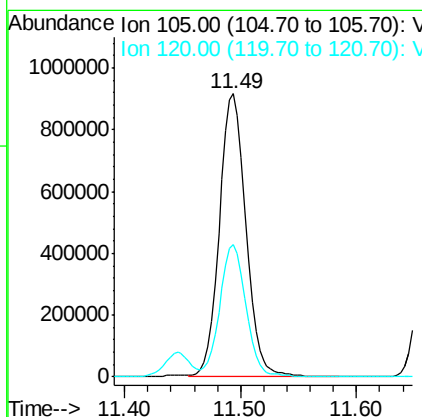
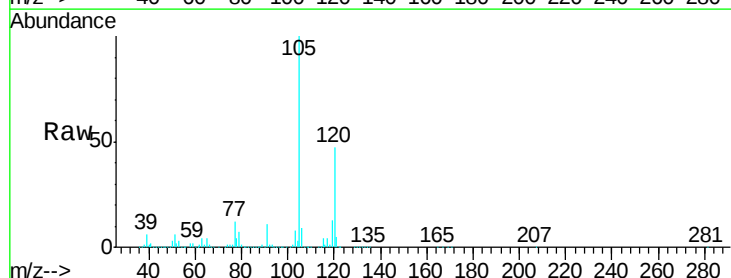
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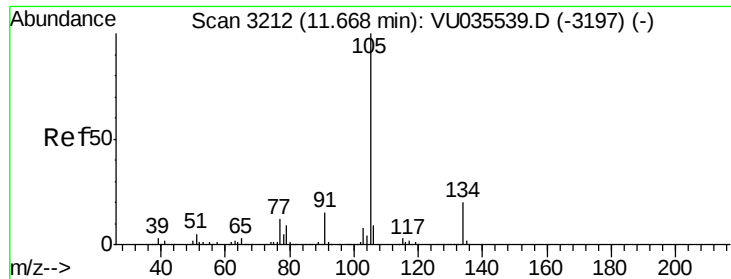
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#78
 1,2,4-Trimethylbenzene
 Concen: 15.751 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion:105 Resp: 1451190
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.5





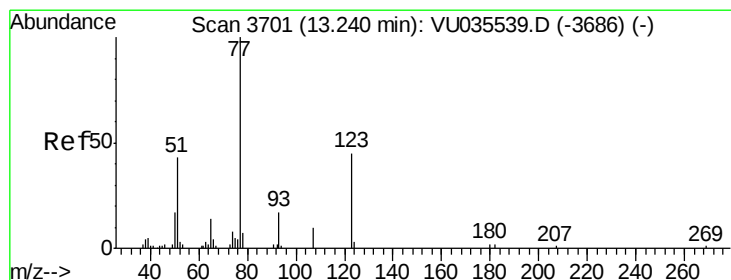
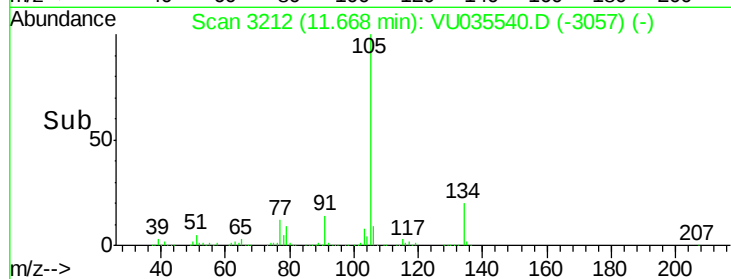
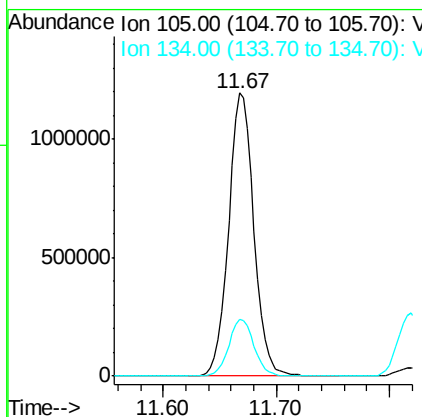
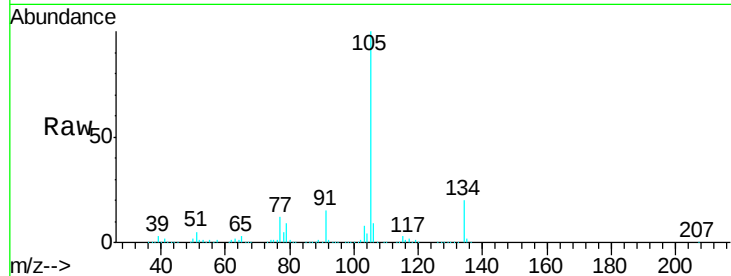
#79
 sec-Butylbenzene
 Concen: 15.445 ug/l
 RT: 11.67 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 105 Resp: 1844383
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.9 23.9

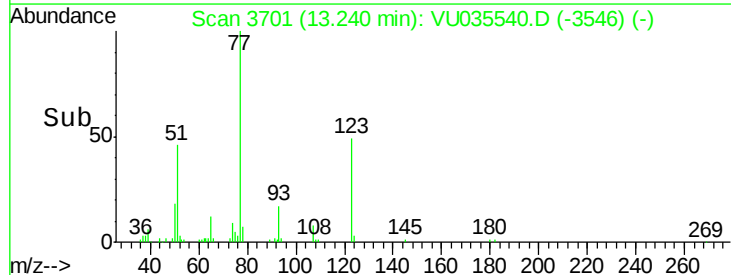
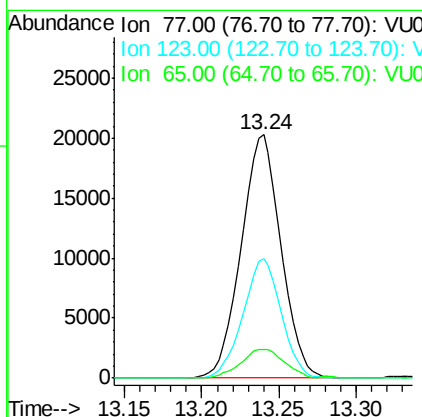
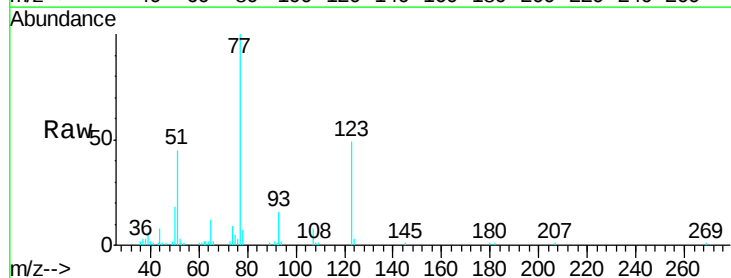
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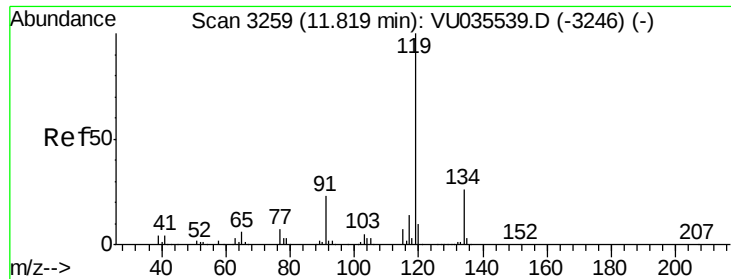
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#80
 Nitrobenzene
 Concen: 79.416 ug/l
 RT: 13.24 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 77 Resp: 36394
 Ion Ratio Lower Upper
 77 100
 123 47.0 18.9 67.1
 65 12.9 11.2 14.2





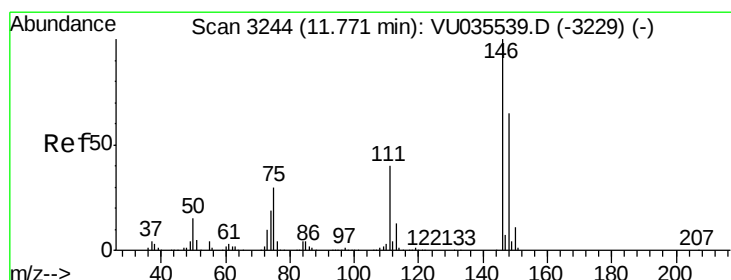
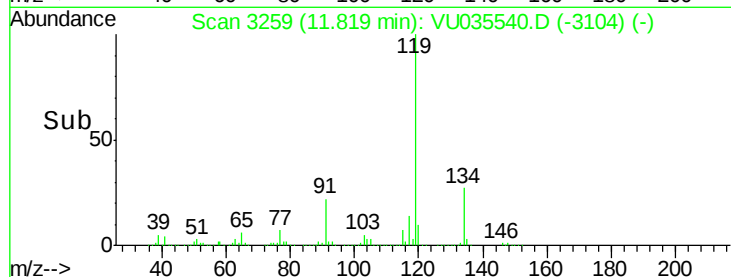
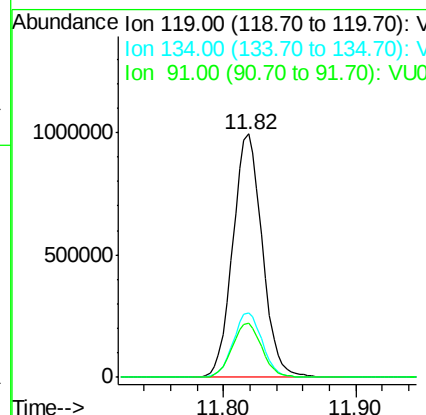
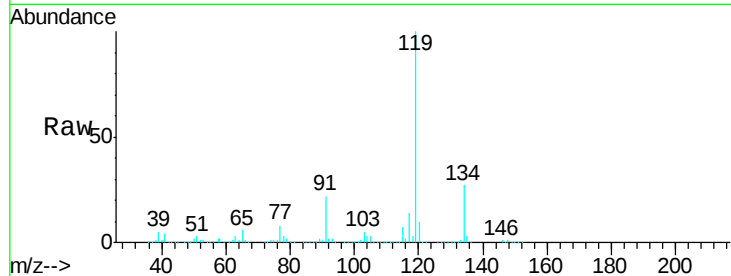
#81
p-Isopropyltoluene
Concen: 15.478 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampled :
VSTDIC015

Tgt Ion:119 Resp: 1530627
Ion Ratio Lower Upper
119 100
134 26.6 17.0 25.4#
91 22.4 41.3 61.9#

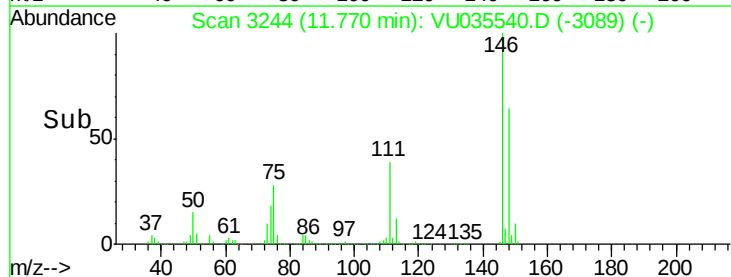
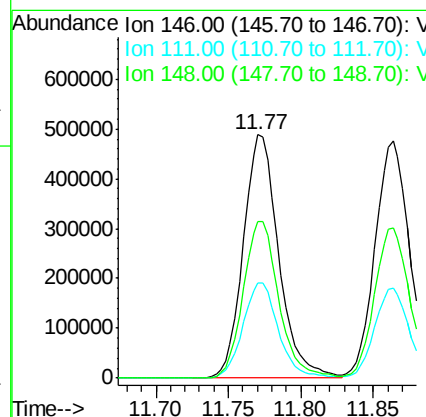
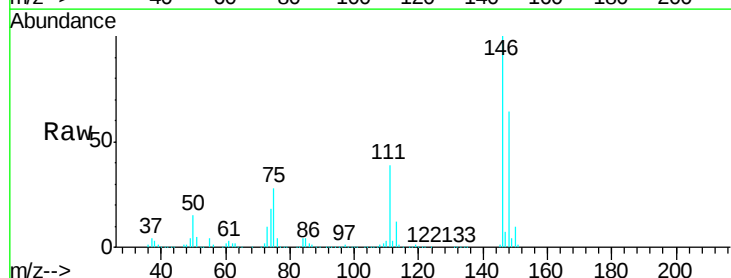
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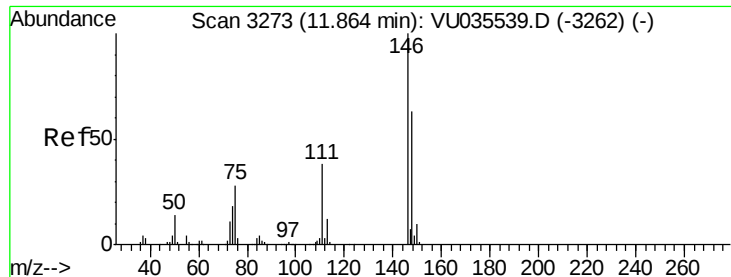
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#82
1,3-Dichlorobenzene
Concen: 14.411 ug/l
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion:146 Resp: 831185
Ion Ratio Lower Upper
146 100
111 39.3 31.8 47.6
148 64.6 50.9 76.3





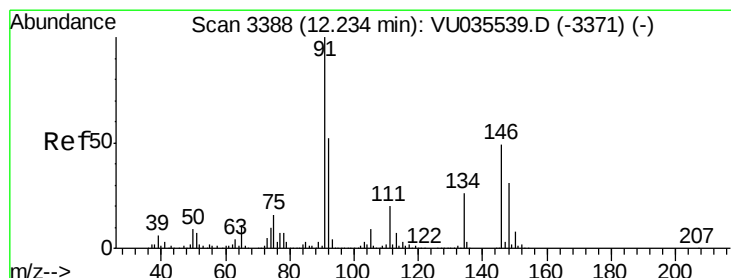
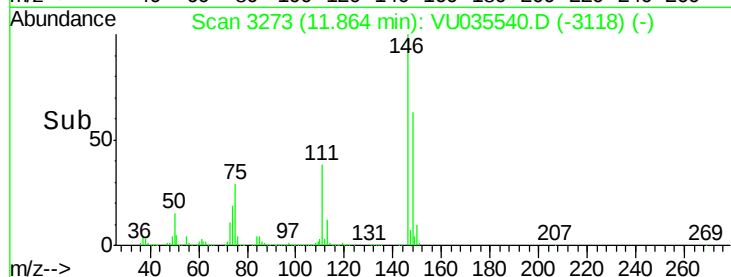
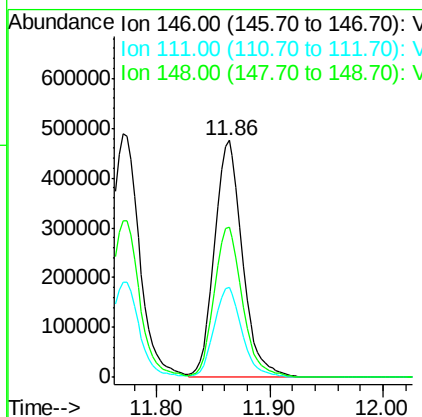
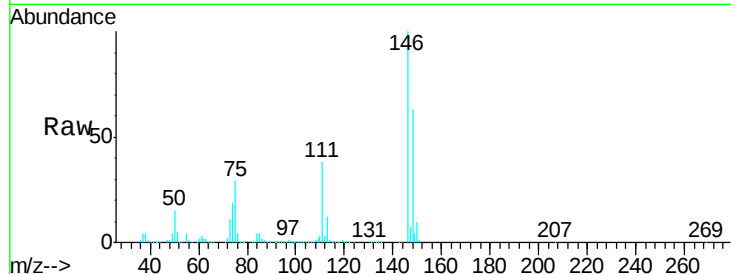
#83
 1,4-Dichlorobenzene
 Concen: 14.281 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC015

Tgt Ion: 146 Resp: 817725
 Ion Ratio Lower Upper
 146 100
 111 38.0 30.1 45.1
 148 64.0 51.0 76.4

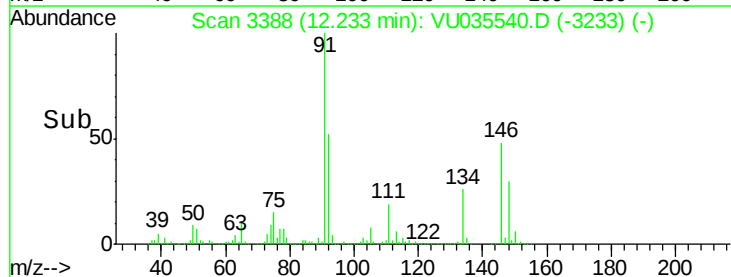
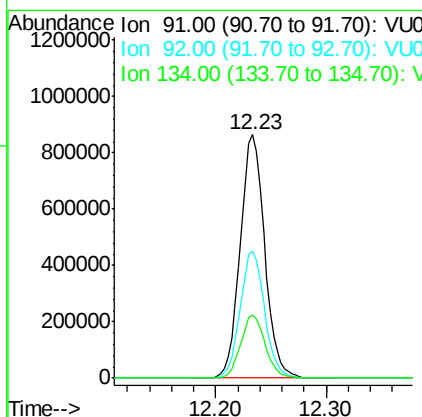
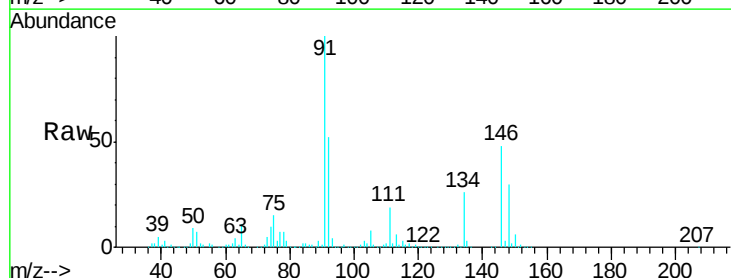
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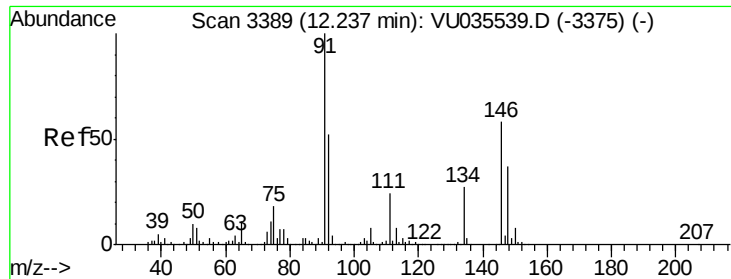
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#84
 n-Butylbenzene
 Concen: 14.727 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035540.D
 Acq: 29 Oct 2019 14:44

Tgt Ion: 91 Resp: 1326882
 Ion Ratio Lower Upper
 91 100
 92 52.1 41.4 62.0
 134 25.9 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 14.821 ug/l

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

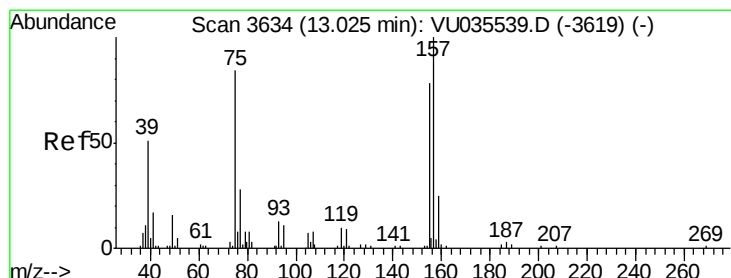
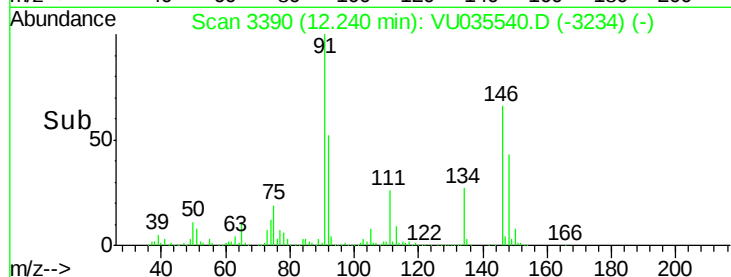
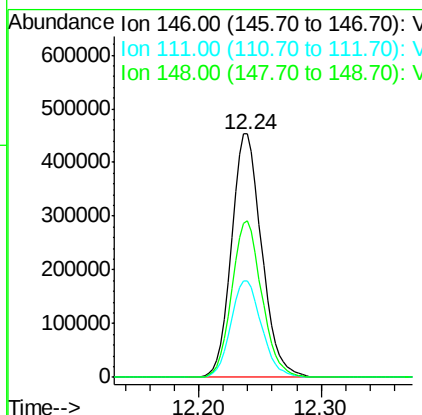
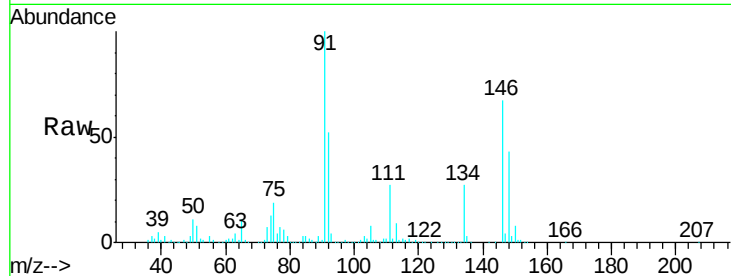
VSTDIC015

Tgt Ion:	146	Resp:	779719
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.5	61.5
148	64.0	32.0	96.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 17.494 ug/l

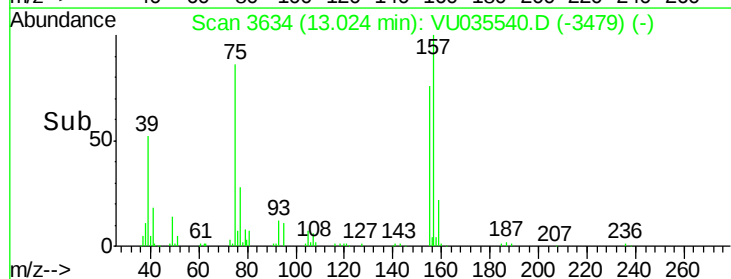
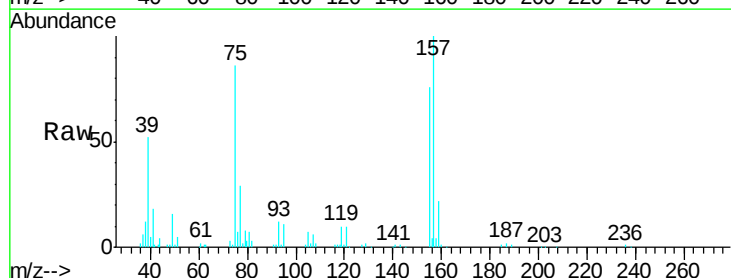
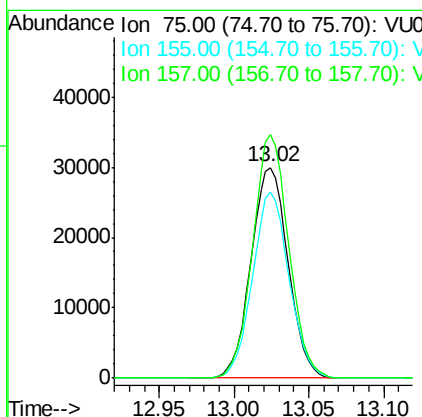
RT: 13.02 min Scan# 3634

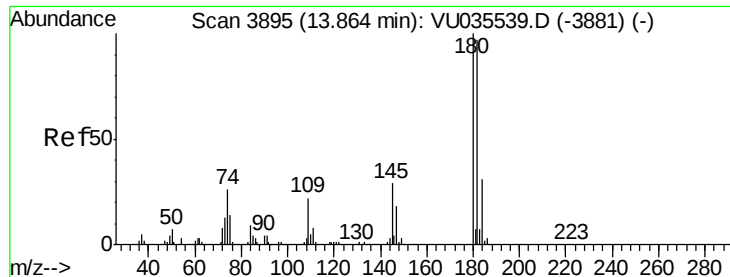
Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Tgt Ion:	75	Resp:	51656
Ion Ratio	Lower	Upper	
75	100		
155	86.9	71.3	106.9
157	112.0	91.2	136.8





#87

1,2,4-Trichlorobenzene

Concen: 12.899 ug/l

RT: 13.86 min Scan# 3895

Delta R.T. -0.00 min

Lab File: VU035540.D

Acq: 29 Oct 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

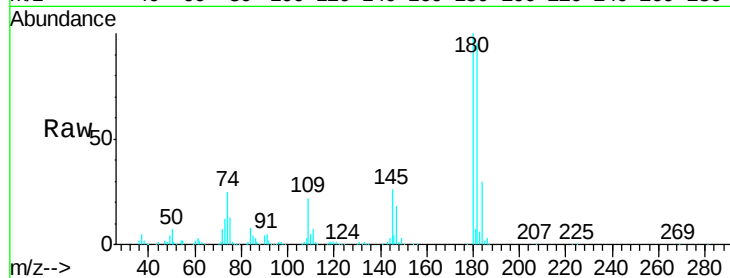
VSTDIC015

Tgt Ion:	180	Resp:	369681
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.4	116.0
145	27.1	22.6	33.8

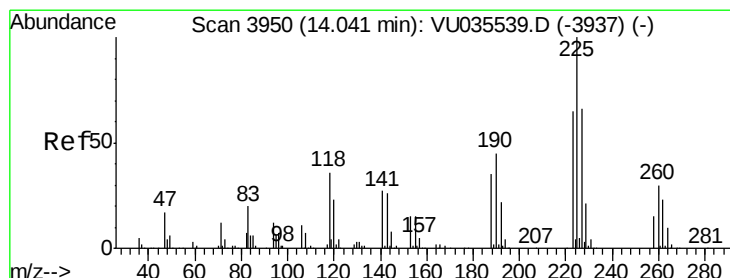
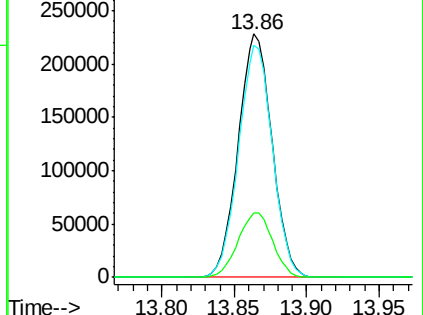
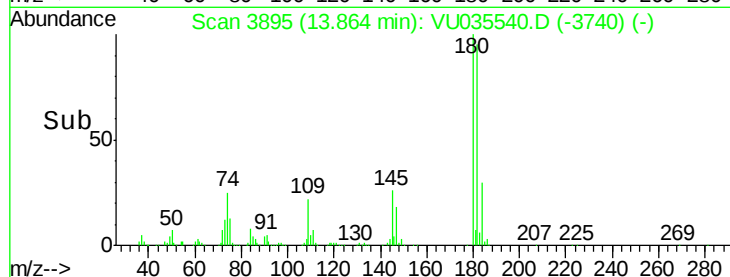
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Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 12.054 ug/l

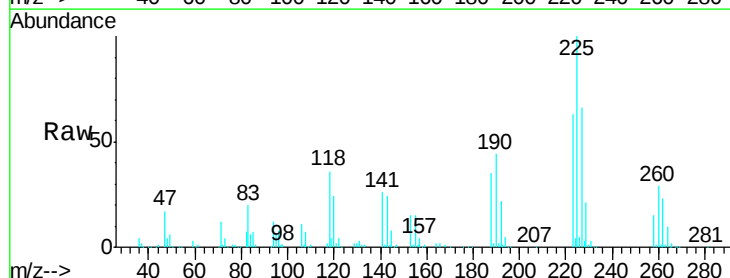
RT: 14.04 min Scan# 3950

Delta R.T. -0.00 min

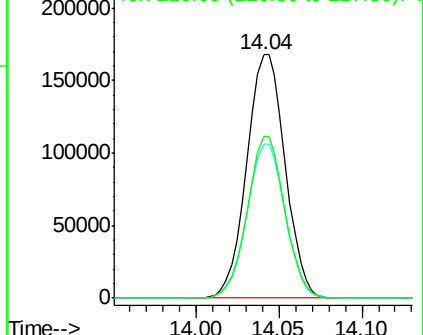
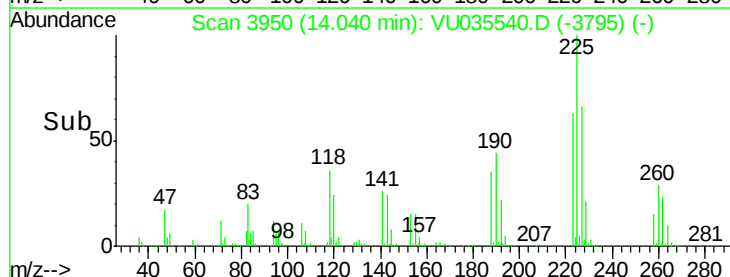
Lab File: VU035540.D

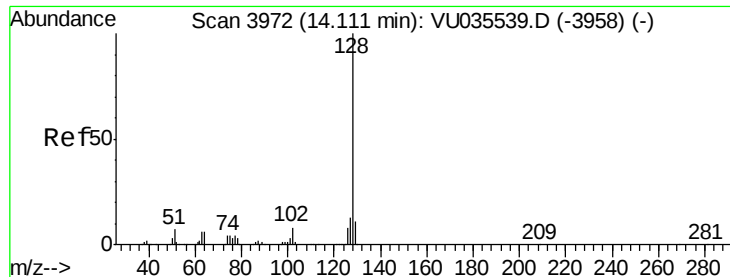
Acq: 29 Oct 2019 14:44

Tgt Ion:	225	Resp:	269798
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.7	76.1
227	64.6	52.2	78.4



Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V





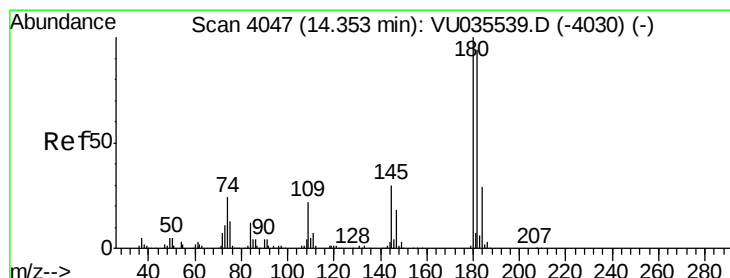
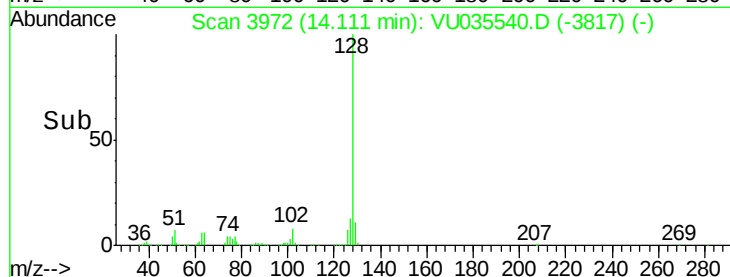
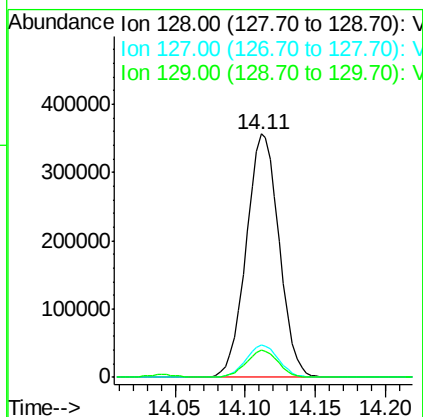
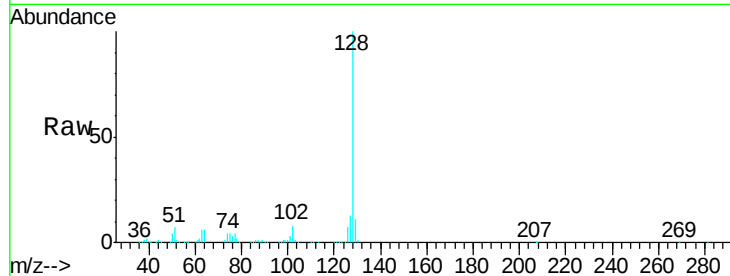
#89
Naphthalene
Concen: 15.554 ug/l
RT: 14.11 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	582623		
127	13.1	10.3	15.5	
129	10.8	8.6	13.0	

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#90
1,2,3-Trichlorobenzene
Concen: 13.318 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. -0.00 min
Lab File: VU035540.D
Acq: 29 Oct 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	355214		
182	96.0	75.8	113.8	
145	30.1	23.7	35.5	

