

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035538.D
 Acq On : 29 Oct 2019 12:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Quant Time: Oct 30 05:30:16 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

MMMadoda
 10/30/2019 10:38:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	77479	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	28618	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	30140	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.40	85	137885	4.839	ug/l	99
3) Chloromethane	1.54	50	173299	5.449	ug/l	99
4) Vinyl Chloride	1.62	62	151745	4.911	ug/l	98
5) Bromomethane	1.88	94	71350	4.043	ug/l	95
6) Chloroethane	1.95	64	89025	4.985	ug/l	99
7) Trichlorofluoromethane	2.16	101	186396	4.910	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100398	4.897	ug/l	99
9) 1,1-Dichloroethene	2.61	96	96352	4.689	ug/l	99
10) Iodomethane	2.75	142	53019	2.976	ug/l	96
11) Allyl Chloride	2.96	41	161776	4.774	ug/l	100
12) Acrylonitrile	3.37	53	45810	10.341	ug/l	92
13) Acetone	2.67	43	117368	31.416	ug/l	99
14) Carbon Disulfide	2.82	76	343701	4.762	ug/l	99
15) Methylene Chloride	3.08	84	117782	4.863	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	107610	4.689	ug/l	99
17) 1,1-Dichloroethane	3.92	63	203032	4.655	ug/l	100
18) 2-Butanone	4.79	43	151495	28.754	ug/l	99
19) Cyclohexane	5.43	56	162113m	4.831	ug/l	
20) Methylcyclohexane	6.80	83	167250	4.720	ug/l	98
21) 2,2-Dichloropropane	4.72	77	172020	4.778	ug/l	98
22) cis-1,2-Dichloroethene	4.72	96	117339	4.718	ug/l	100
23) Diethyl Ether	2.41	59	82198	5.253	ug/l	97
24) tert-Butyl Alcohol	3.26	59	90411	42.021	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	262438	5.240	ug/l	99
26) Bromochloromethane	5.02	128	51899	4.918	ug/l	99
27) Chloroform	5.14	83	207367	4.551	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	172104	4.825	ug/l	99
29) 1,1-Dichloropropene	5.57	75	148978	4.850	ug/l	98
30) Carbon Tetrachloride	5.57	117	154747	4.843	ug/l	100
31) Isopropyl Ether	4.07	45	281433	4.498	ug/l	96
32) Ethyl-t-butyl ether	4.57	59	265814	4.899	ug/l	98
33) Tert-Amyl methyl ether	6.00	73	234986	5.149	ug/l	99
34) Propionitrile	4.85	54	45334	30.080	ug/l #	96
35) Benzene	5.82	78	445261	4.827	ug/l	100
36) 1,2-Dichloroethane	5.84	62	126499	5.269	ug/l	99
37) Trichloroethene	6.58	130	119842	4.652	ug/l	98
38) 1,2-Dichloropropane	6.84	63	121156	4.935	ug/l	96
39) Methacrylonitrile	5.04	41	33704	5.411	ug/l	97
40) Methyl acrylate	4.91	55	51987	5.469	ug/l	97
41) Tetrahydrofuran	5.14	42	34109	10.710	ug/l #	36
42) 1-Chlorobutane	5.50	56	203664	4.885	ug/l	98

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 Data File : VU035538.D
 Acq On : 29 Oct 2019 12:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Quant Time: Oct 30 05:30:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	59474	5.060	ug/l	94
44) Bromodichloromethane	7.15	83	151179	5.065	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	329333	27.448	ug/l	99
46) t-1,4-Dichloro-2-butene	10.87	75	42432m	8.496	ug/l	
47) Methyl methacrylate	7.01	69	102762	10.952	ug/l	99
48) Ethyl methacrylate	8.38	69	90577	5.348	ug/l	94
49) Toluene	8.01	92	263030	4.893	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	136926	5.460	ug/l	99
51) cis-1,3-Dichloropropene	7.65	75	158602	5.109	ug/l	100
52) 1,1,2-Trichloroethane	8.44	97	83252	5.112	ug/l	98
53) 1,3-Dichloropropane	8.61	76	146439	5.362	ug/l	98
54) 2-Hexanone	8.73	43	243949	30.148	ug/l	96
55) Dibromochloromethane	8.84	129	103569	5.228	ug/l	100
56) 1,2-Dibromoethane	8.96	107	77362	5.142	ug/l	97
58) Tetrachloroethene	8.58	164	112423	4.612	ug/l	98
59) Chlorobenzene	9.48	112	291955	4.839	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.57	131	113518	5.063	ug/l	98
61) Pentachloroethane	11.46	117	91786	5.035	ug/l	97
62) Hexachloroethane	12.50	117	82653	5.080	ug/l	99
63) Ethyl Benzene	9.60	91	478569	4.973	ug/l	100
64) m/p-Xylenes	9.73	106	394394	10.154	ug/l #	1
65) o-Xylene	10.13	106	183440	4.955	ug/l	99
66) Styrene	10.14	104	314348	5.065	ug/l	99
67) Bromoform	10.32	173	65747	5.569	ug/l	100
69) Isopropylbenzene	10.51	105	479029	4.954	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	112818	5.356	ug/l #	64
71) 1,2,3-Trichloropropane	10.85	75	85459m	5.817	ug/l	
72) Bromobenzene	10.81	156	130753	4.959	ug/l	99
73) n-propylbenzene	10.93	120	138970	4.984	ug/l	96
74) 2-Chlorotoluene	11.01	126	126718	5.027	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	407065	4.748	ug/l	100
76) 4-Chlorotoluene	11.13	126	129778	5.047	ug/l	97
77) tert-Butylbenzene	11.45	119	402359	4.804	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	412182	4.760	ug/l	100
79) sec-Butylbenzene	11.67	105	527198	4.697	ug/l	100
80) Nitrobenzene	13.24	77	8129	18.873	ug/l	97
81) p-Isopropyltoluene	11.82	119	422903	4.550	ug/l #	68
82) 1,3-Dichlorobenzene	11.77	146	246513	4.547	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	241386	4.485	ug/l	99
84) n-Butylbenzene	12.23	91	332839	3.930	ug/l	100
85) 1,2-Dichlorobenzene	12.24	146	232926	4.711	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	14857	5.353	ug/l	98
87) 1,2,4-Trichlorobenzene	13.87	180	87632	3.253	ug/l	96
88) Hexachlorobutadiene	14.04	225	78576	3.735	ug/l	98
89) Naphthalene	14.11	128	114389	3.249	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	89807	3.582	ug/l	99

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

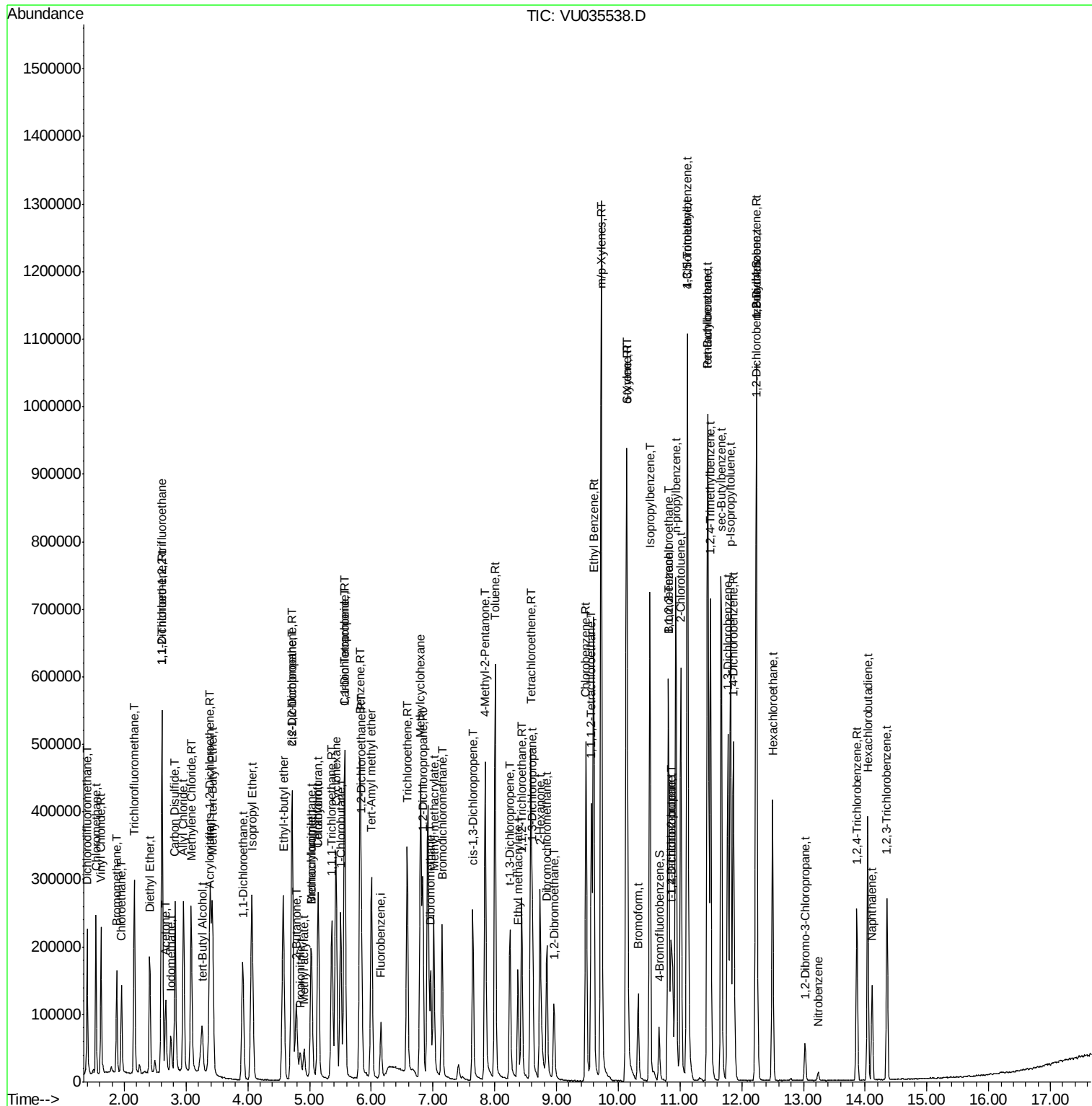
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\U102919\
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 ALS Vial : 6 Sample Multiplier: 1

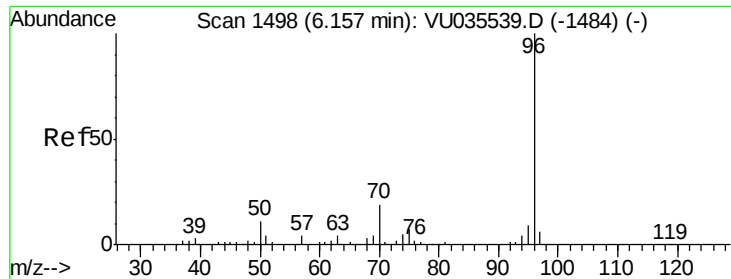
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Quant Time: Oct 30 05:30:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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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: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

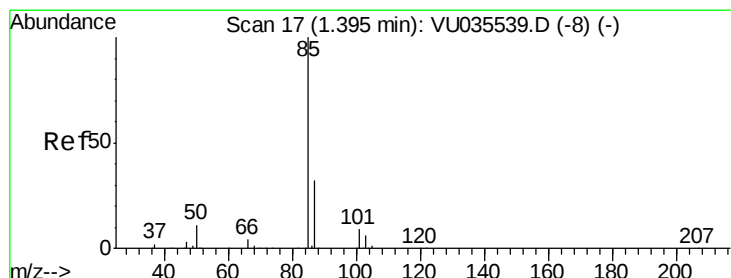
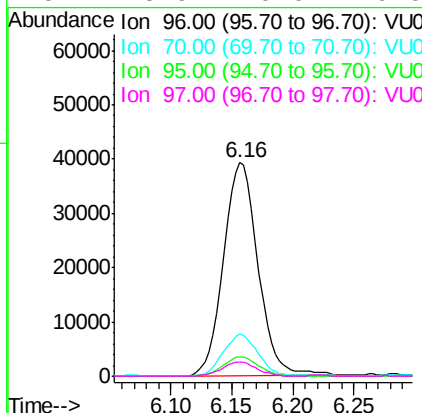
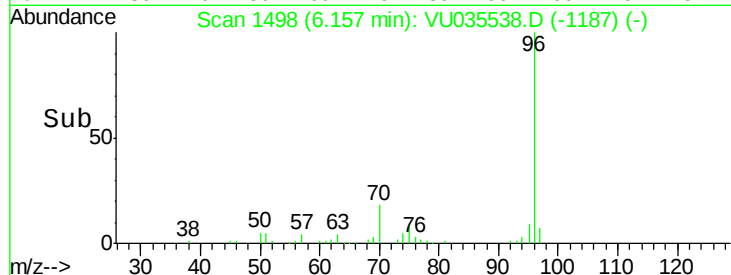
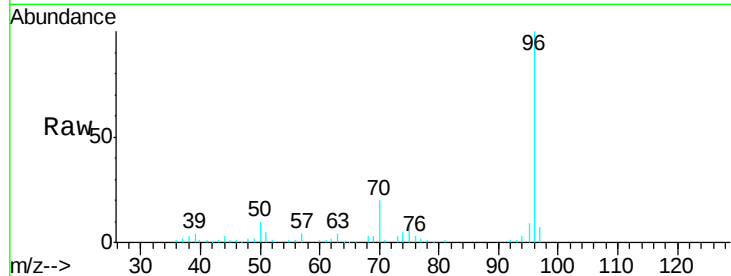
VSTDIC005

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
70	19.5	15.8	23.8	
95	9.3	7.4	11.2	
97	6.9	0.0	0.0	

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 4.839 ug/l

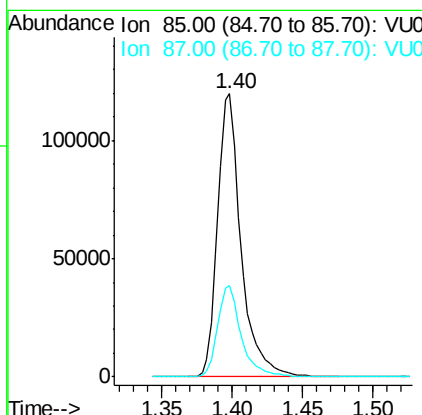
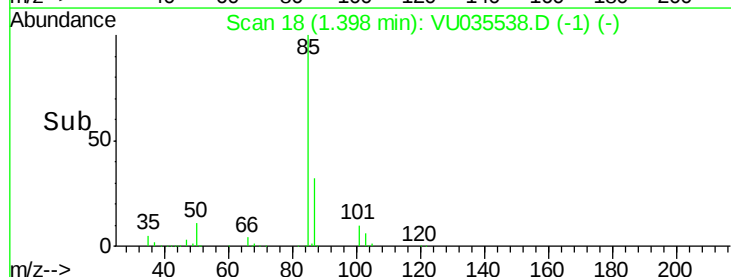
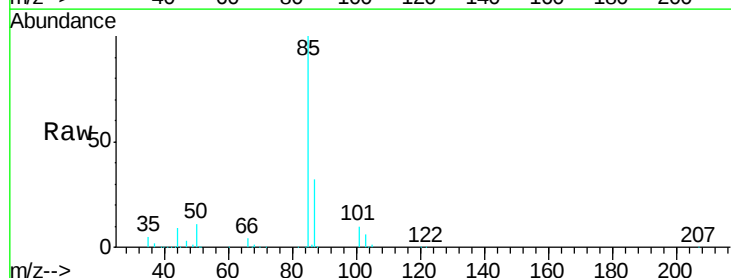
RT: 1.40 min Scan# 18

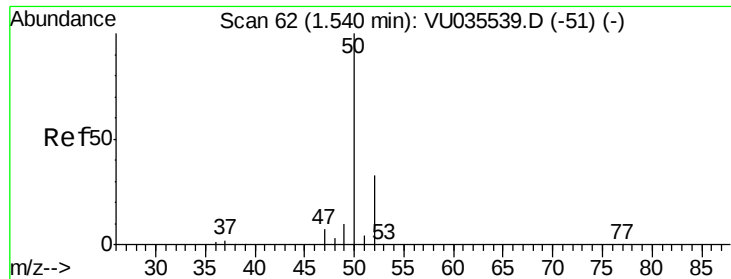
Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.1	15.8	47.4	





#3

Chloromethane

Concen: 5.449 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

Tgt Ion: 50 Resp: 173299

Ion Ratio Lower Upper

50 100

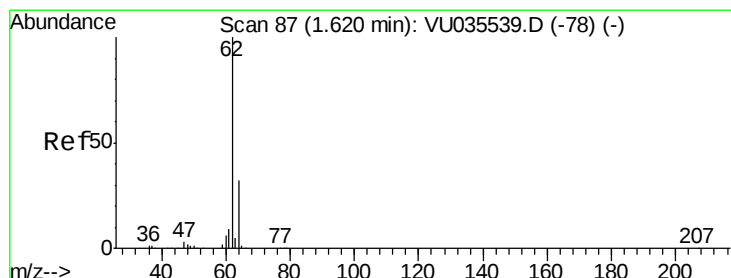
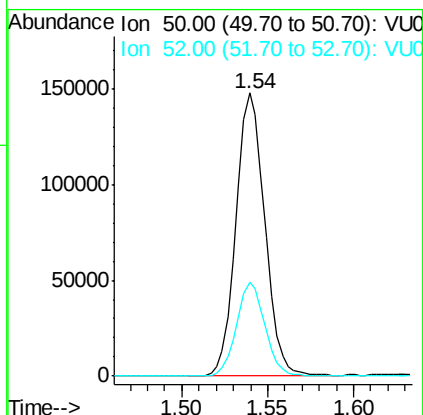
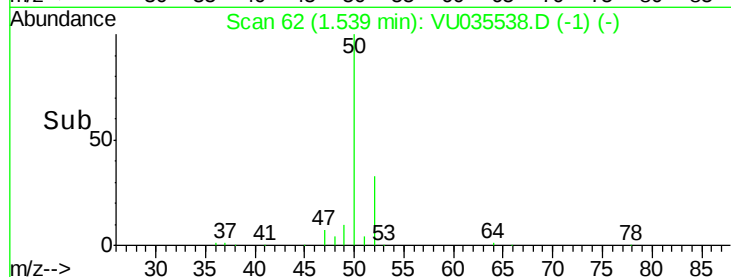
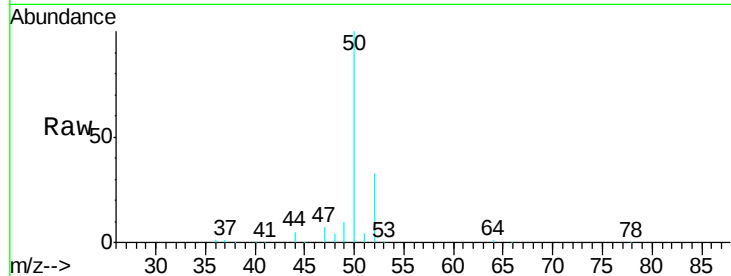
52 33.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.911 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035538.D

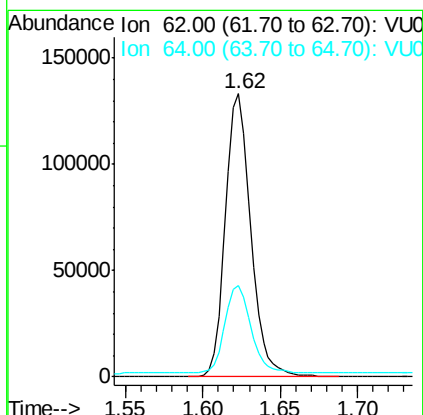
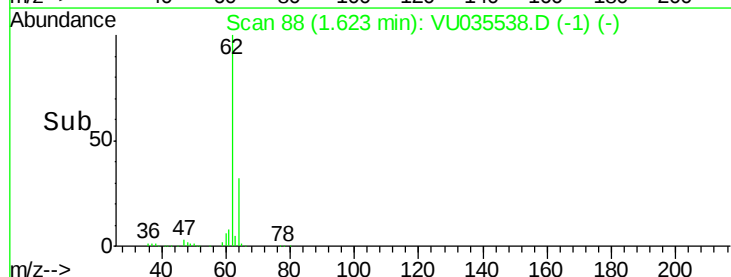
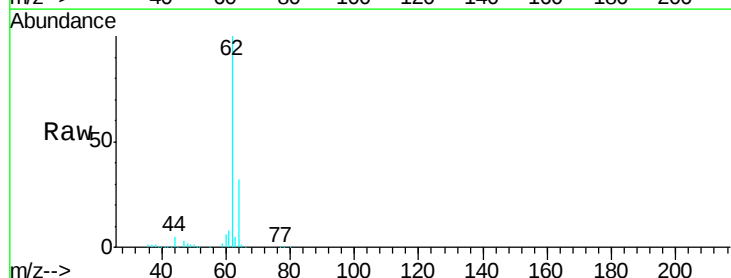
Acq: 29 Oct 2019 12:56

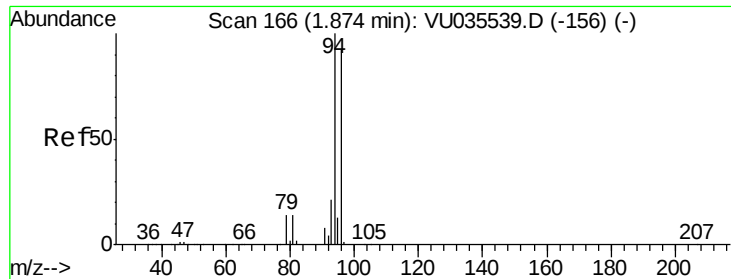
Tgt Ion: 62 Resp: 151745

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 4.043 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

Tgt Ion: 94 Resp: 71350

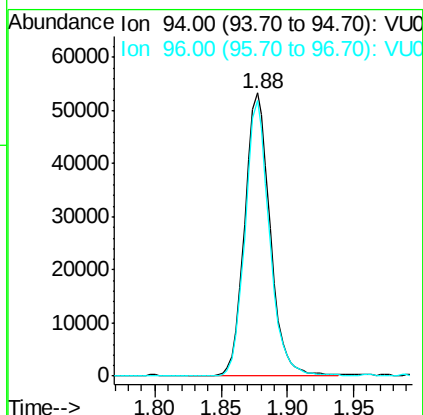
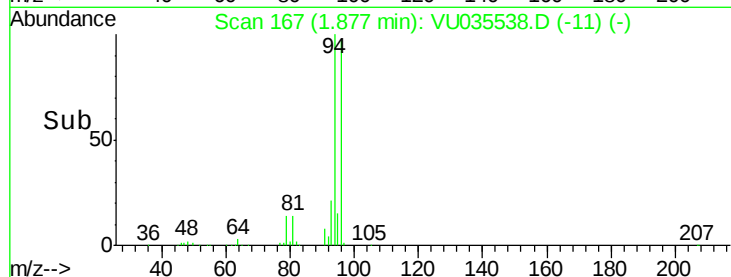
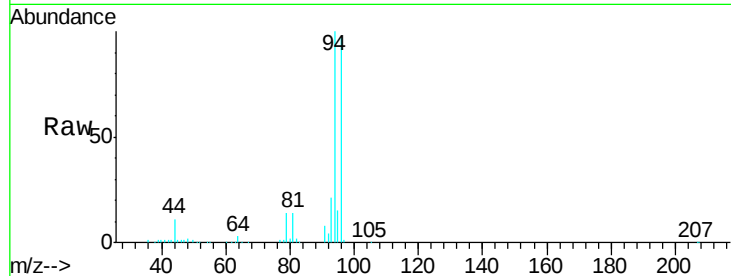
Ion Ratio Lower Upper

94 100

96 97.4 73.8 110.8

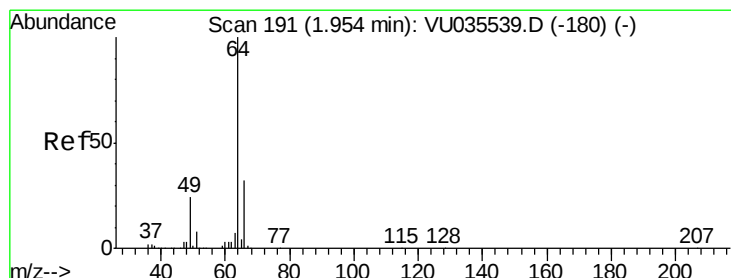
Manual Integrations

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#6

Chloroethane

Concen: 4.985 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035538.D

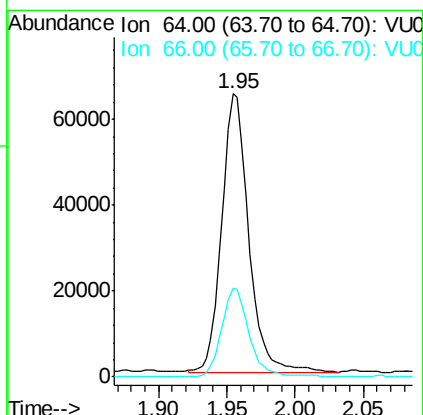
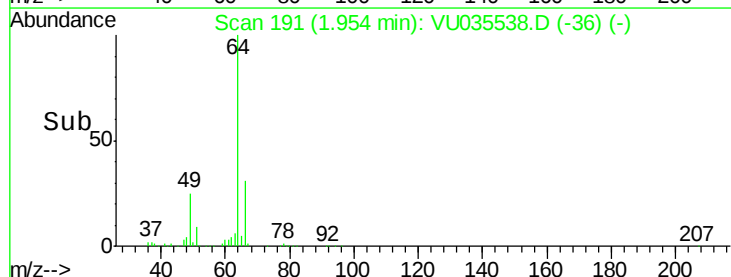
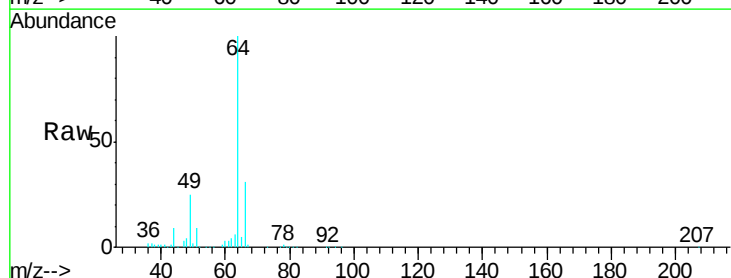
Acq: 29 Oct 2019 12:56

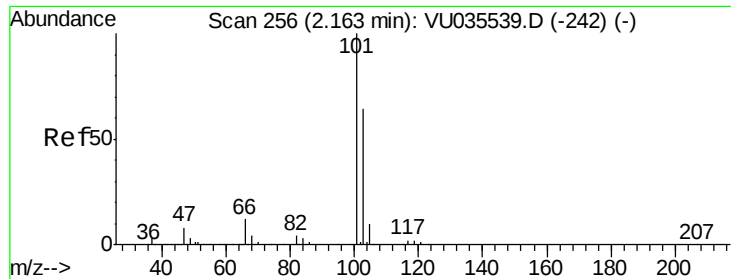
Tgt Ion: 64 Resp: 89025

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9





#7

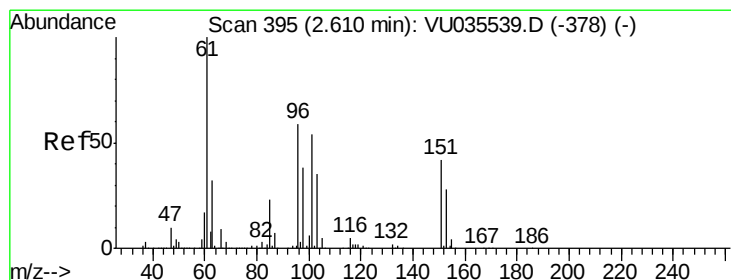
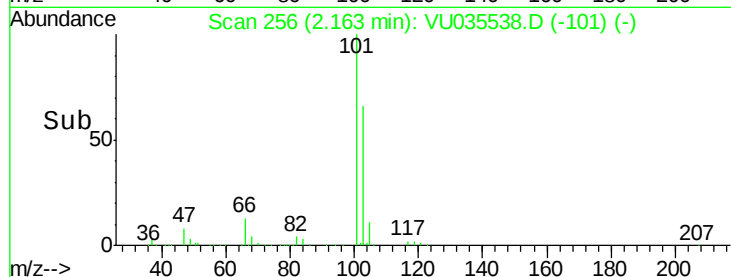
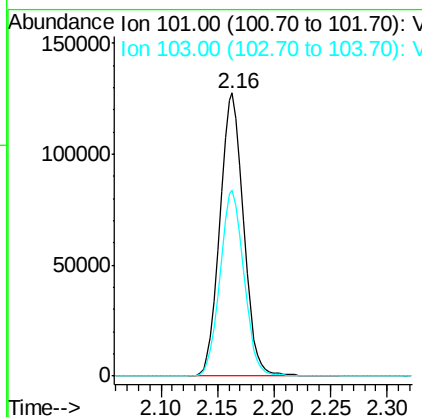
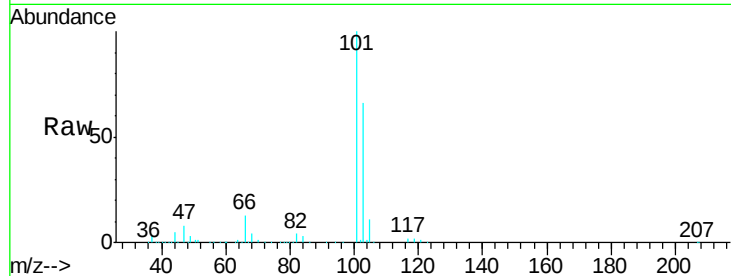
Trichlorofluoromethane
Concen: 4.910 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	186396		
103	65.9	51.0	76.6	

Manual Integrations
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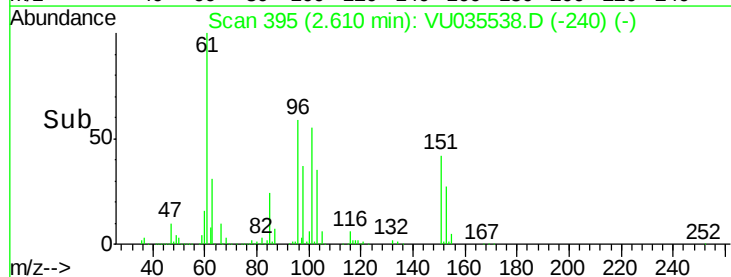
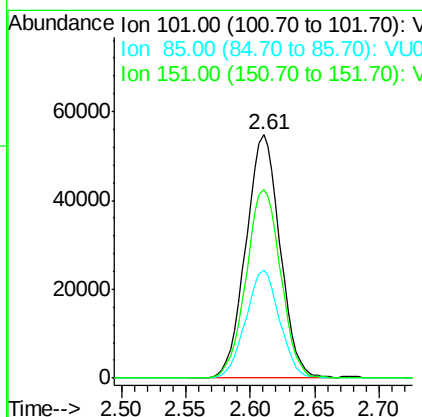
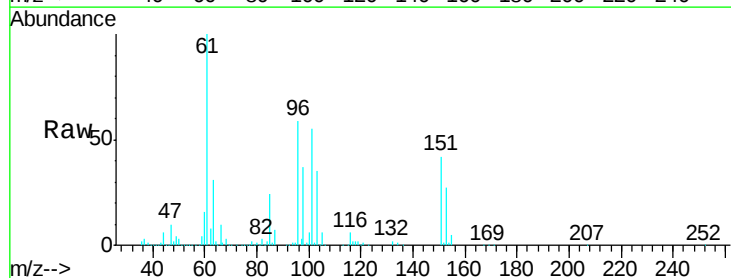
MMDadoda
10/30/2019 10:38:47 AM

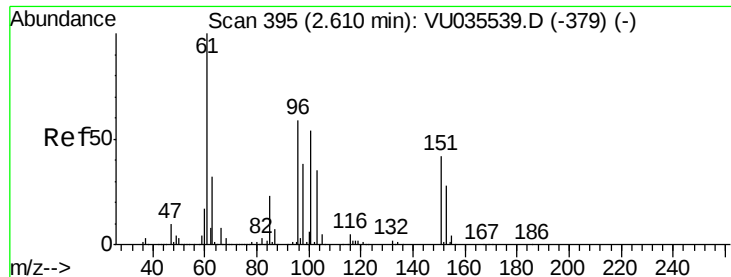


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.897 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	100398		
85	44.5	35.8	53.6	
151	78.8	61.8	92.6	





#9

1,1-Dichloroethene

Concen: 4.689 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

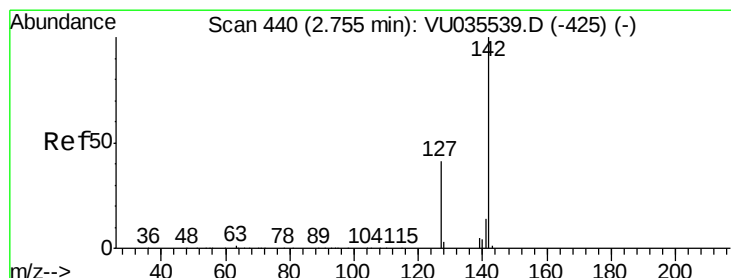
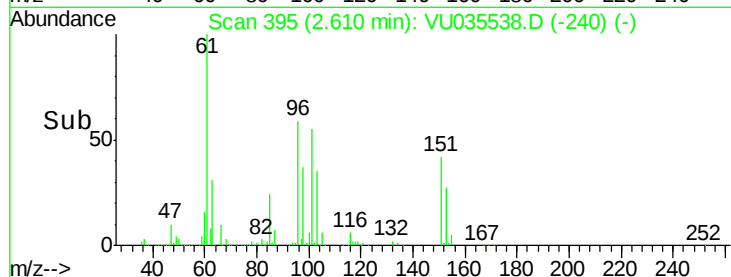
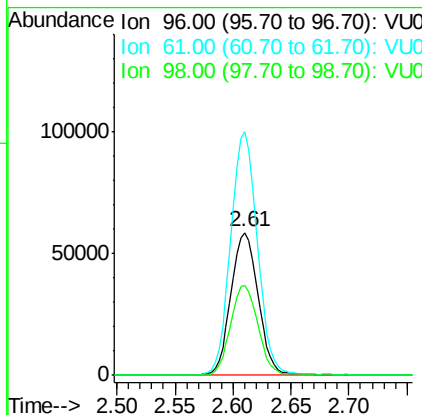
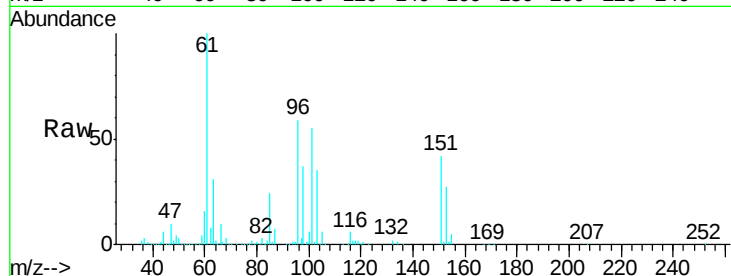
VSTDIC005

Tgt Ion:	96	Resp:	96352
Ion	Ratio	Lower	Upper
96	100		
61	170.4	0.0	508.8
98	63.4	0.0	130.4

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#10

Iodomethane

Concen: 2.976 ug/l

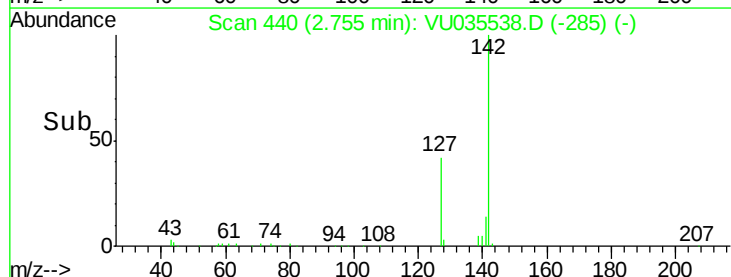
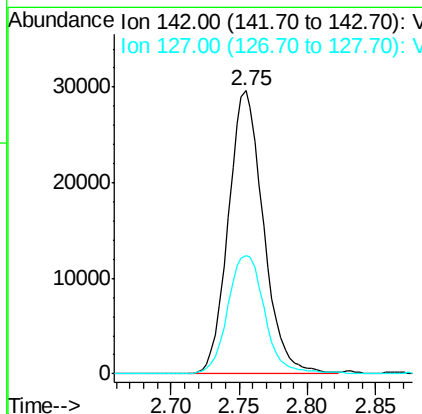
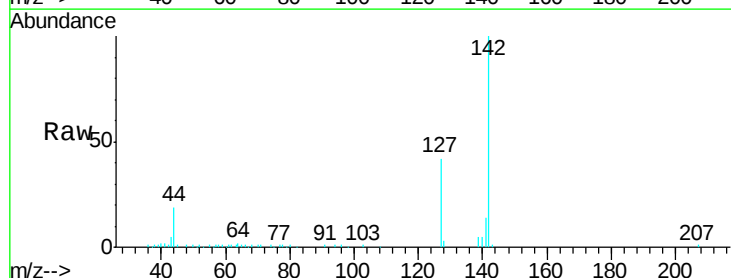
RT: 2.75 min Scan# 440

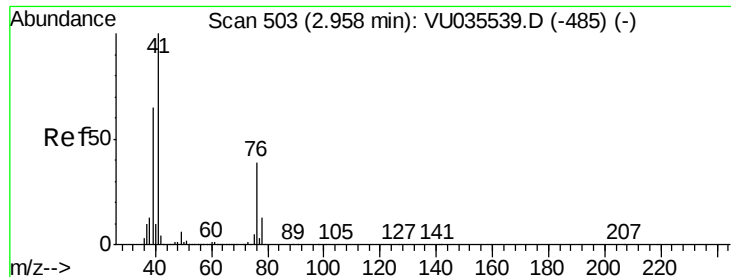
Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion:	142	Resp:	53019
Ion	Ratio	Lower	Upper
142	100		
127	44.1	33.4	50.0





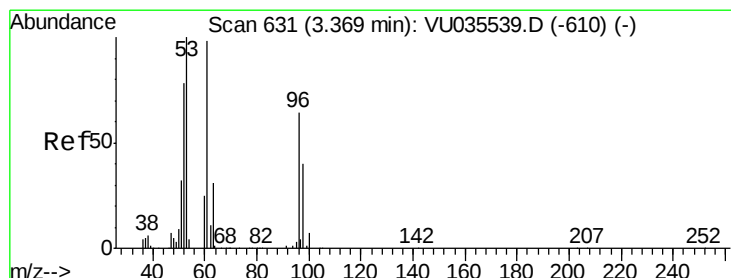
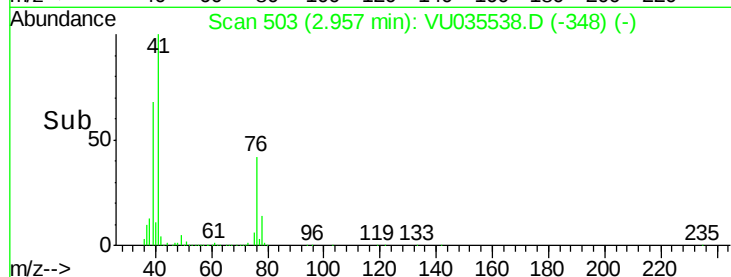
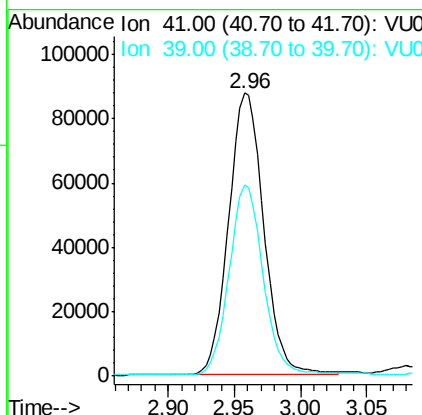
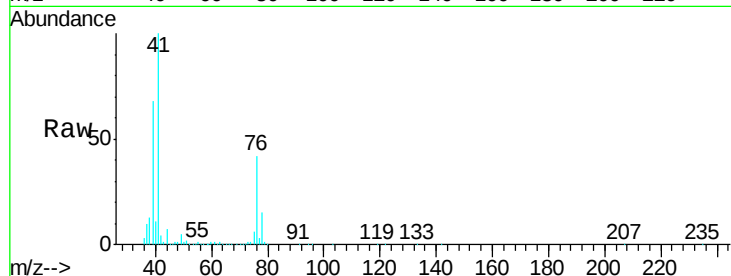
#11
 Allyl Chloride
 Concen: 4.774 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC005

Tgt Ion: 41 Resp: 161776
 Ion Ratio Lower Upper
 41 100
 39 65.3 52.0 78.0

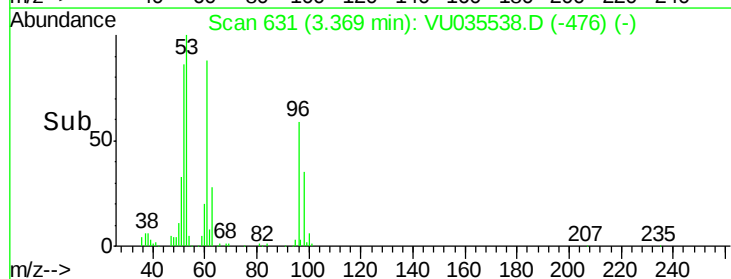
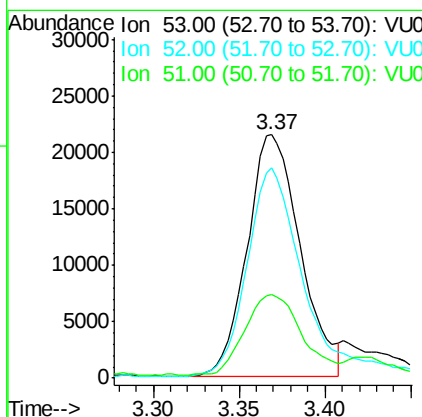
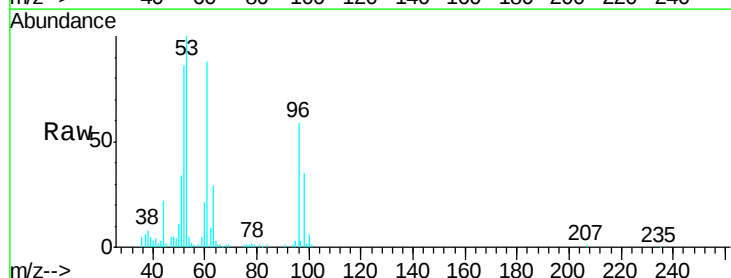
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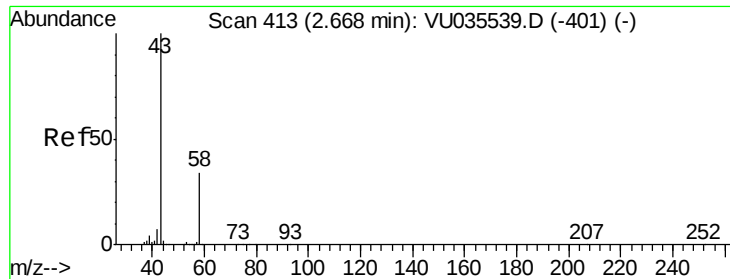
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#12
 Acrylonitrile
 Concen: 10.341 ug/l
 RT: 3.37 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 53 Resp: 45810
 Ion Ratio Lower Upper
 53 100
 52 93.5 67.4 101.0
 51 35.3 27.0 40.4





#13

Acetone

Concen: 31.416 ug/l

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

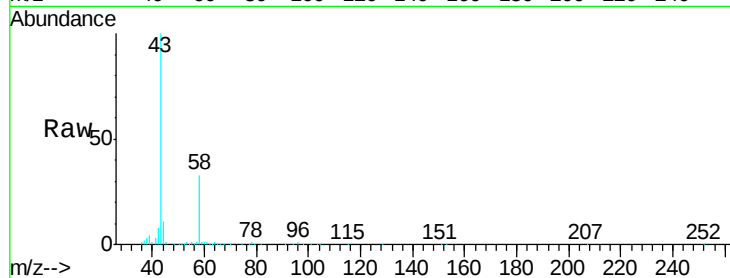
Tgt Ion: 43 Resp: 117368

Ion Ratio Lower Upper

43 100

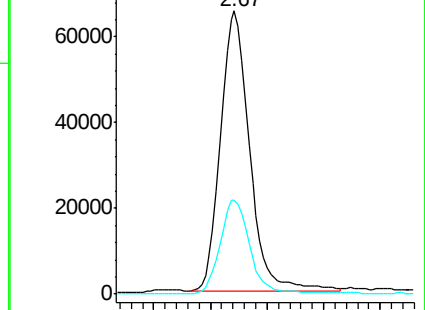
58 33.7 27.6 41.4

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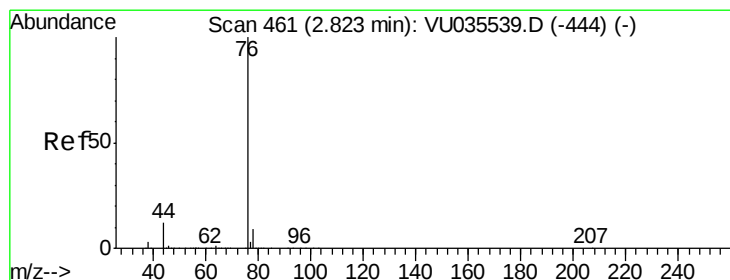
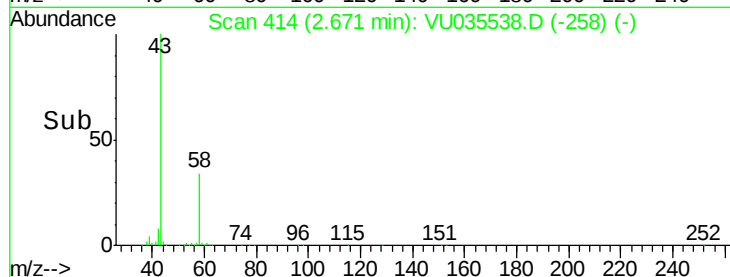
Abundance Ion 43.00 (42.70 to 43.70): VU035538.D (-258) (-)

Ion 58.00 (57.70 to 58.70): VU035538.D (-258) (-)



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#14

Carbon Disulfide

Concen: 4.762 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035538.D

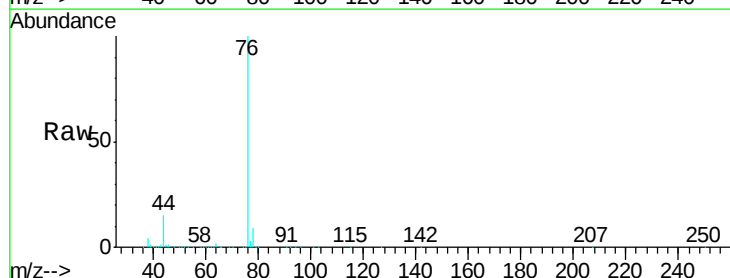
Acq: 29 Oct 2019 12:56

Tgt Ion: 76 Resp: 343701

Ion Ratio Lower Upper

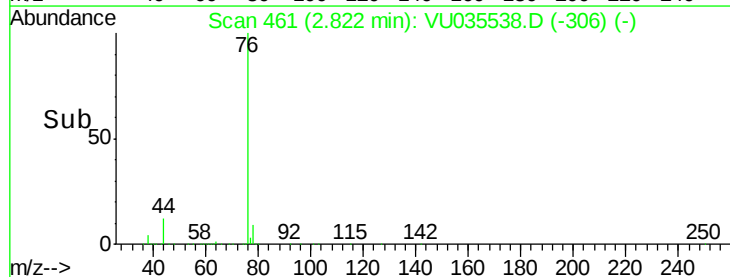
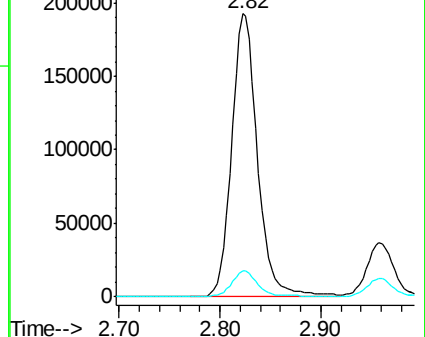
76 100

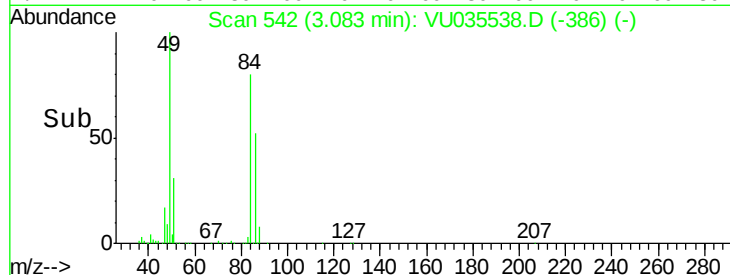
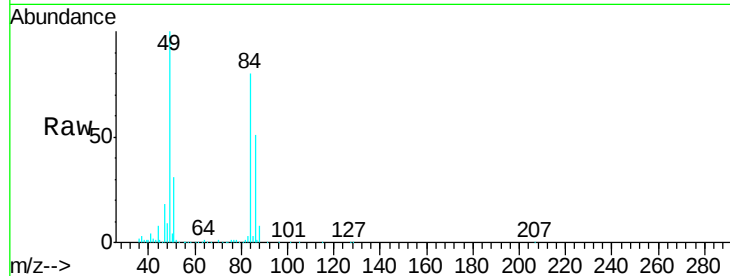
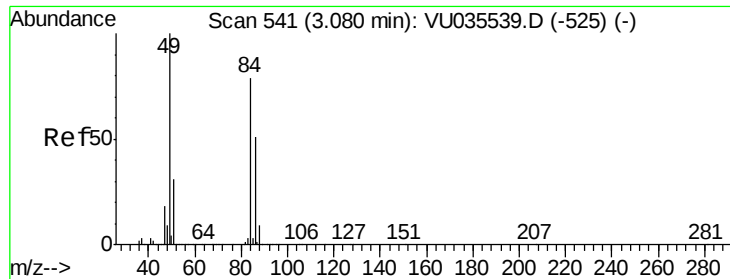
78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU035538.D (-306) (-)

Ion 78.00 (77.70 to 78.70): VU035538.D (-306) (-)





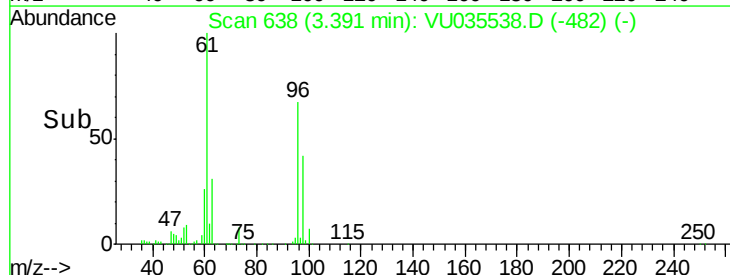
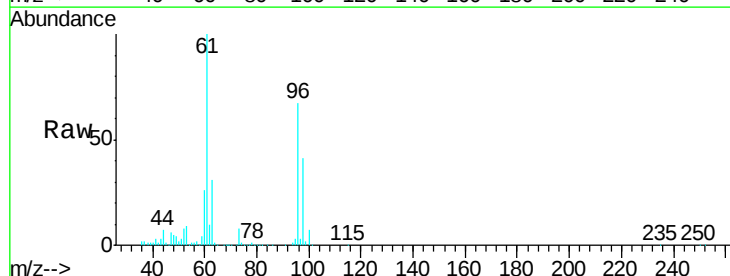
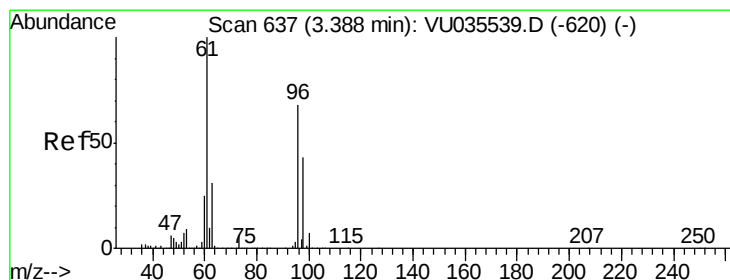
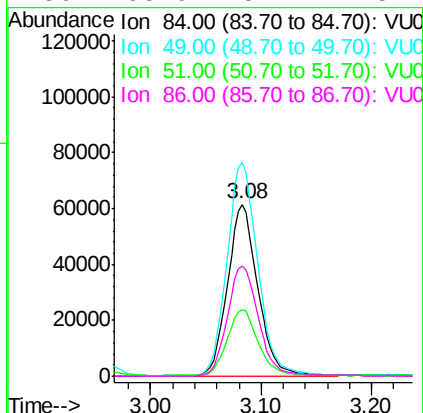
#15
Methylene Chloride
Concen: 4.863 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.2	101.5	152.3
51	38.3	0.0	78.6
86	63.9	52.2	78.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

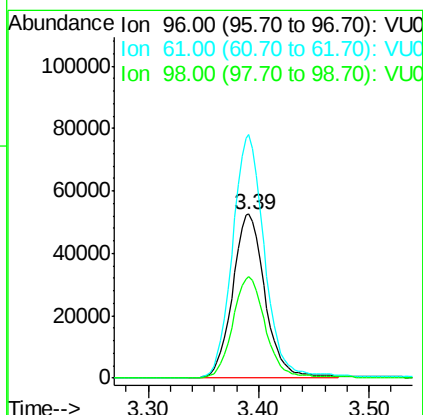
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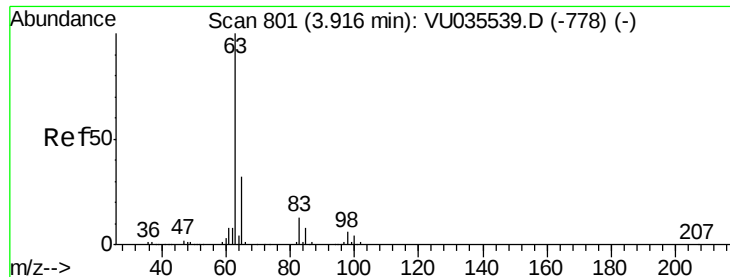
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#16
trans-1,2-Dichloroethene
Concen: 4.689 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.7	117.8	176.8
98	61.6	50.2	75.2





#17

1,1-Dichloroethane

Concen: 4.655 ug/l

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

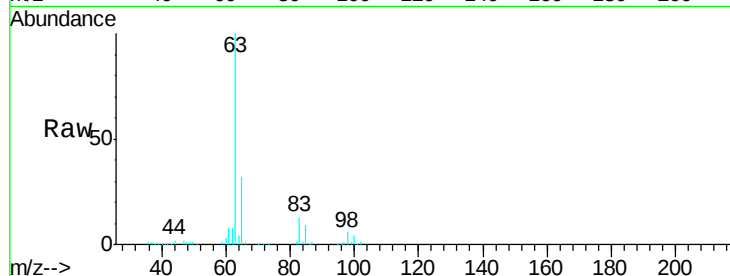
VSTDIC005

Tgt Ion:	63	Resp:	203032
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.1	9.3
100	4.3	2.1	6.3

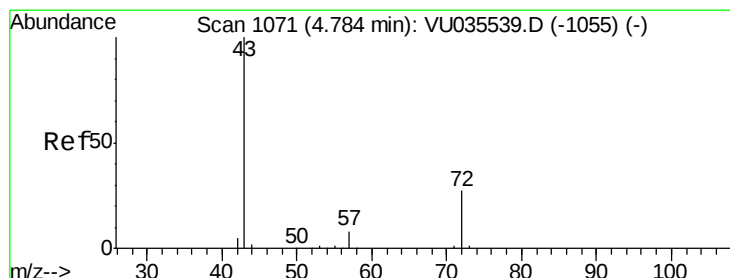
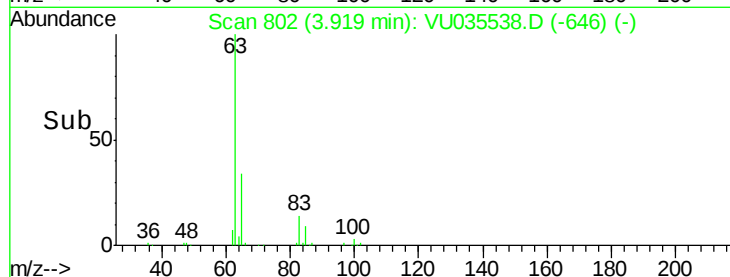
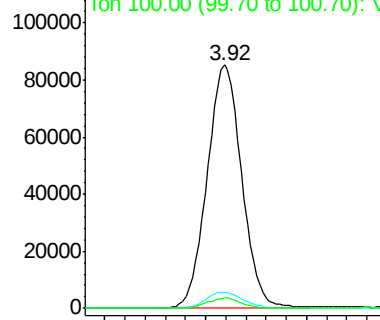
Manual Integrations
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Abundance Ion 63.00 (62.70 to 63.70): VU035538.D (-646) (-)



#18

2-Butanone

Concen: 28.754 ug/l

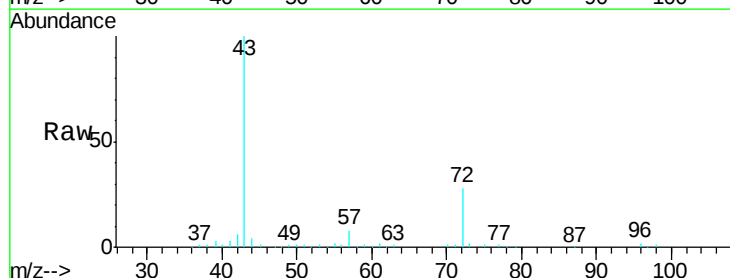
RT: 4.79 min Scan# 1072

Delta R.T. 0.00 min

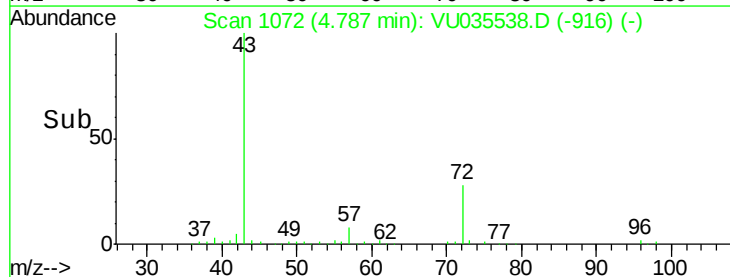
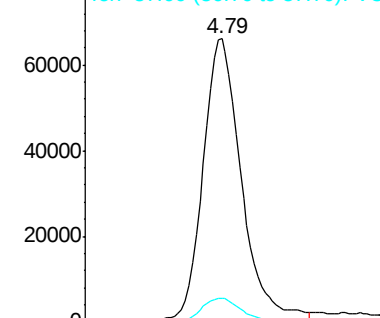
Lab File: VU035538.D

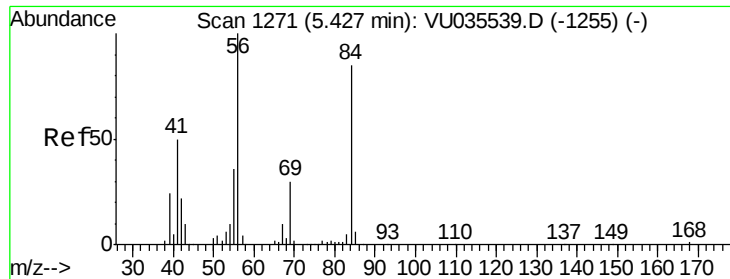
Acq: 29 Oct 2019 12:56

Tgt Ion:	43	Resp:	151495
Ion Ratio	Lower	Upper	
43	100		
57	8.2	0.0	17.0



Abundance Ion 43.00 (42.70 to 43.70): VU035538.D (-916) (-)





#19

Cyclohexane

Concen: 4.831 ug/l m

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU035538.D

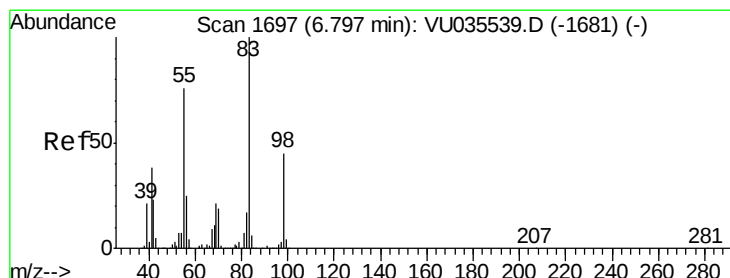
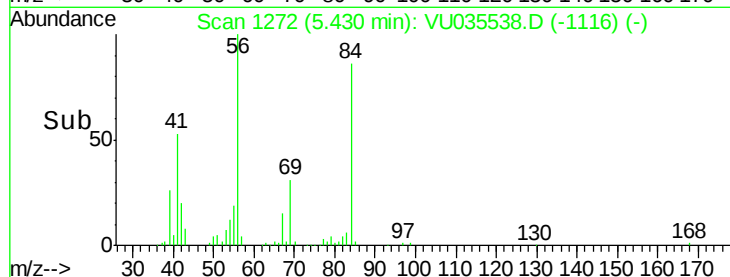
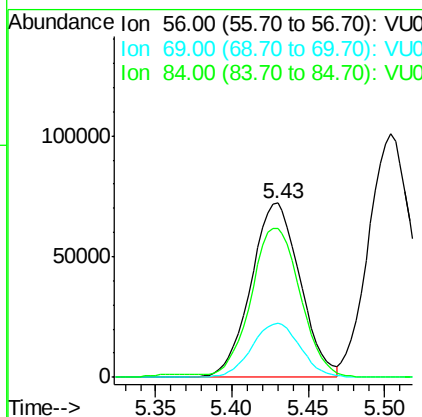
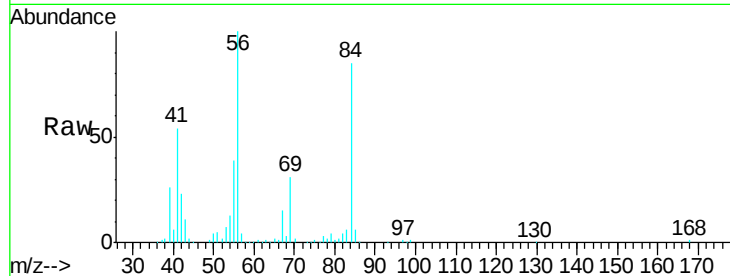
Acq: 29 Oct 2019 12:56

Tgt Ion:	56	Resp:	162113
Ion Ratio	Lower	Upper	
56	100		
69	30.5	26.4	39.6
84	83.8	72.9	109.3

Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Manual Integrations
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#20

Methylcyclohexane

Concen: 4.720 ug/l

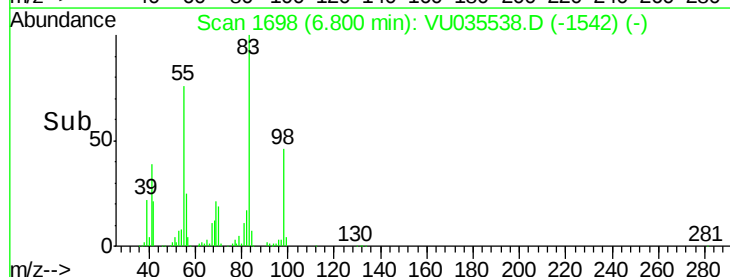
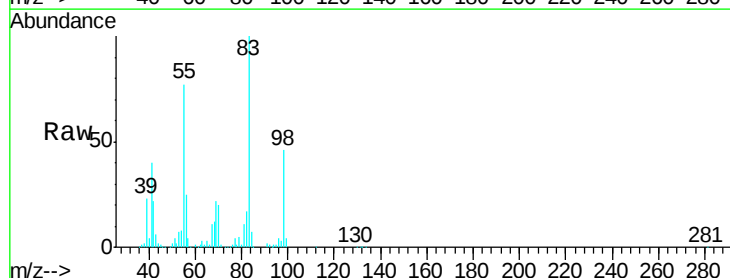
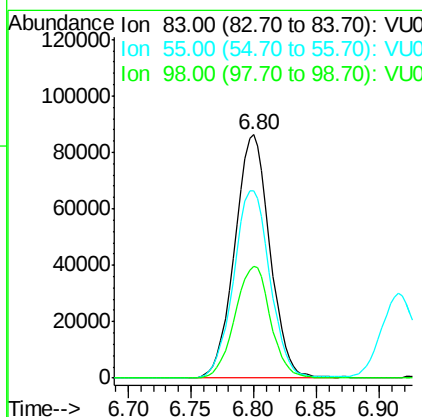
RT: 6.80 min Scan# 1698

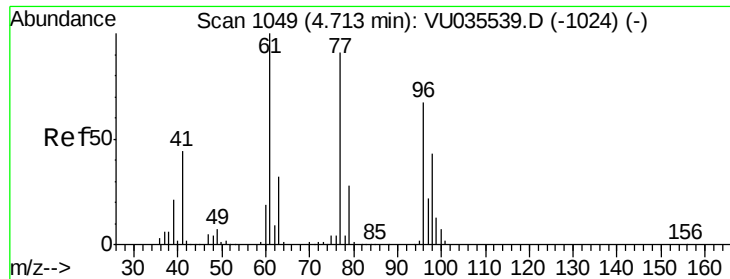
Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion:	83	Resp:	167250
Ion Ratio	Lower	Upper	
83	100		
55	79.4	61.2	91.8
98	46.4	36.7	55.1





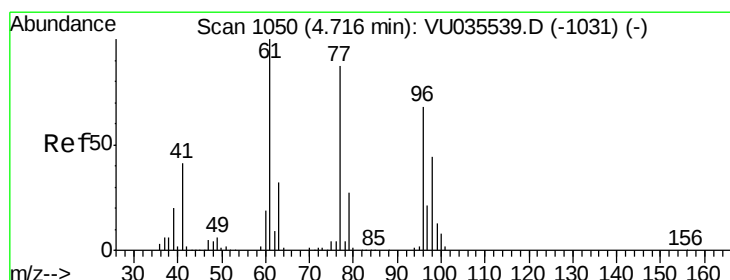
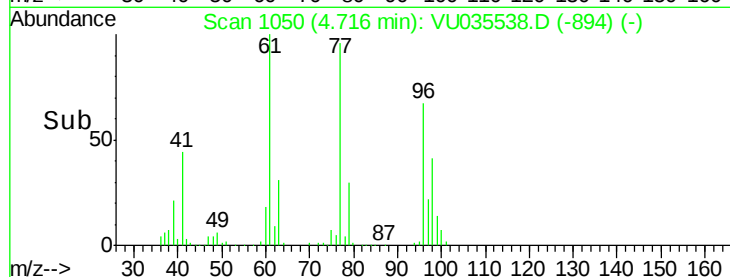
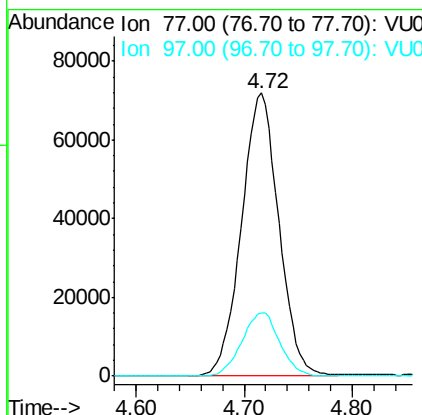
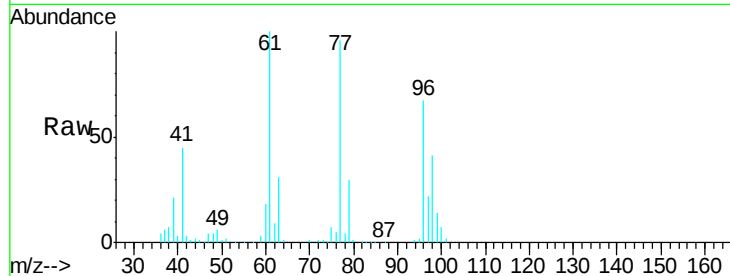
#21
 2,2-Dichloropropane
 Concen: 4.778 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 77 Resp: 172020
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.8 28.2

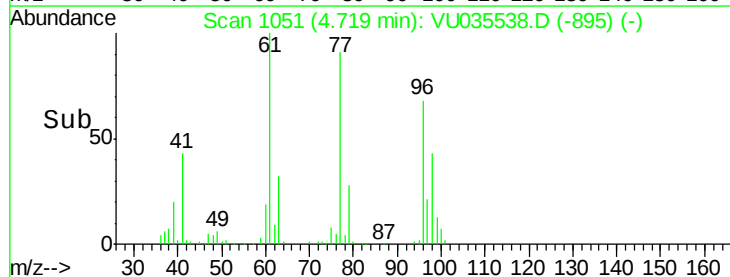
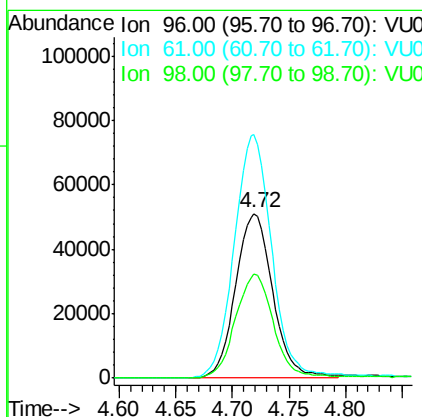
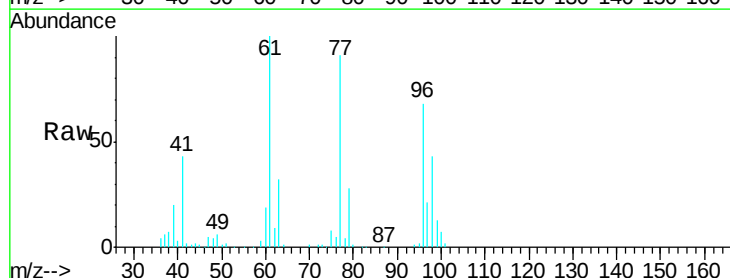
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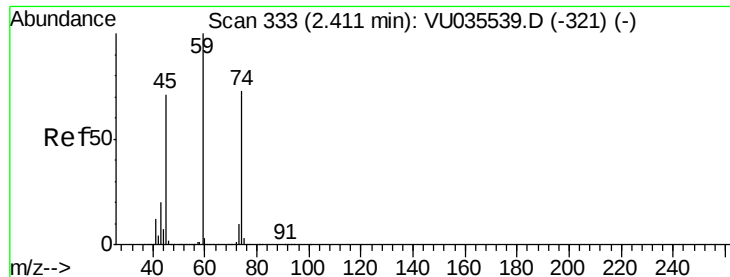
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#22
 cis-1,2-Dichloroethene
 Concen: 4.718 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 96 Resp: 117339
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 370.5
 98 64.8 31.8 95.4





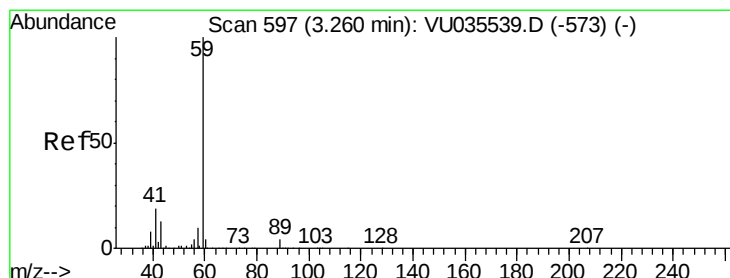
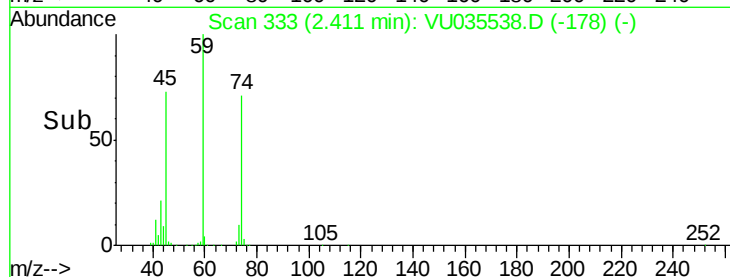
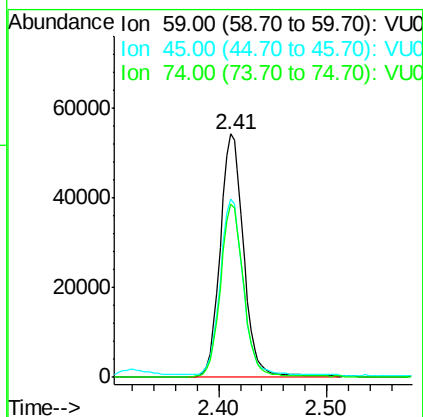
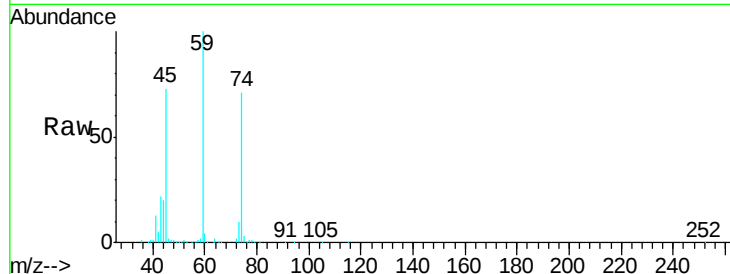
#23
Diethyl Ether
Concen: 5.253 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
59	100		
45	70.0	56.9	85.3
74	70.4	59.5	89.3

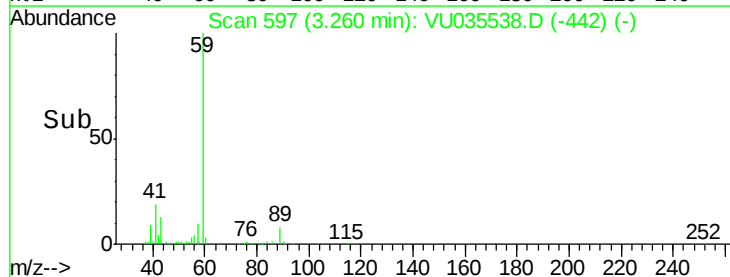
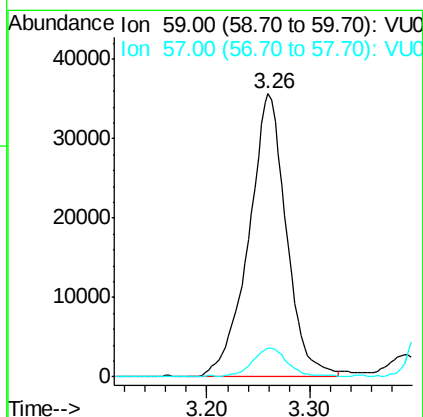
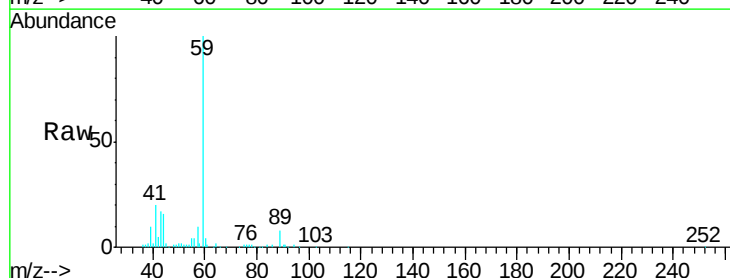
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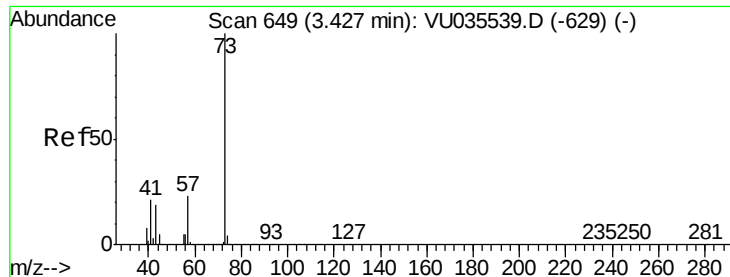
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#24
tert-Butyl Alcohol
Concen: 42.021 ug/l
RT: 3.26 min Scan# 597
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.4	11.0





#25

Methyl tert-Butyl Ether

Concen: 5.240 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 262438

Ion Ratio Lower Upper

73 100

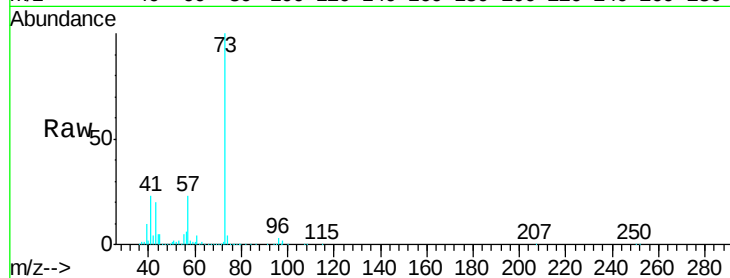
43 19.7 15.4 23.2

Manual Integrations

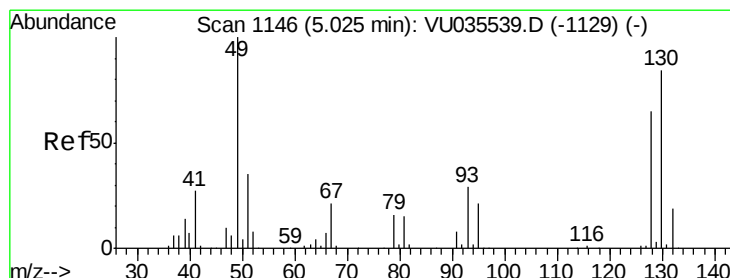
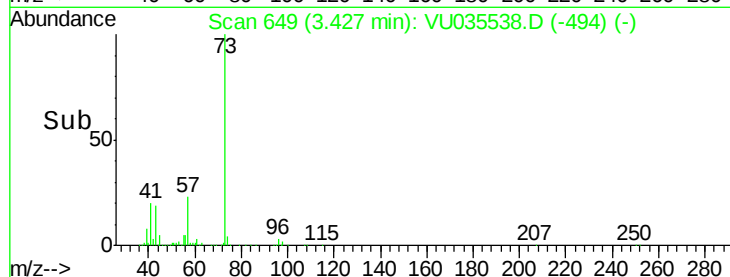
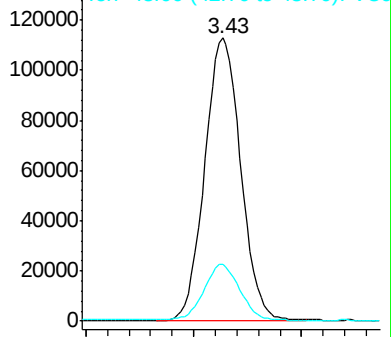
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Abundance Ion 73.00 (72.70 to 73.70): VU035538.D (-494) (-)



#26

Bromochloromethane

Concen: 4.918 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

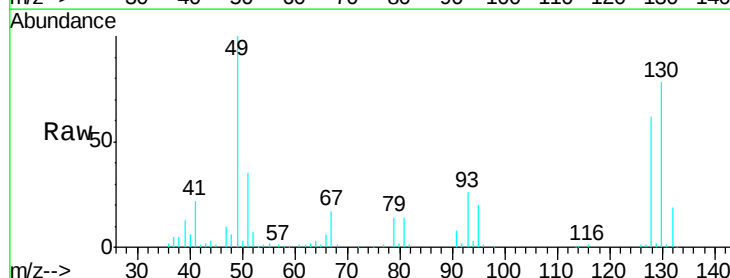
Tgt Ion: 128 Resp: 51899

Ion Ratio Lower Upper

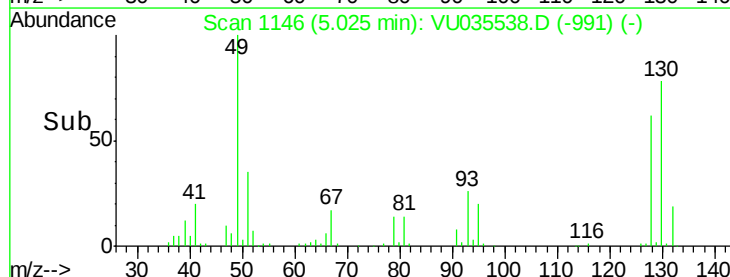
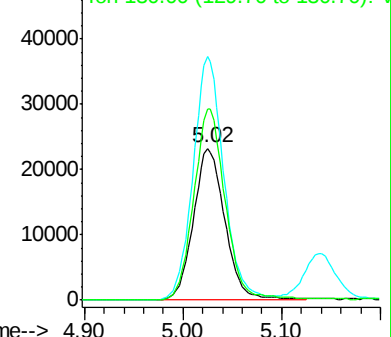
128 100

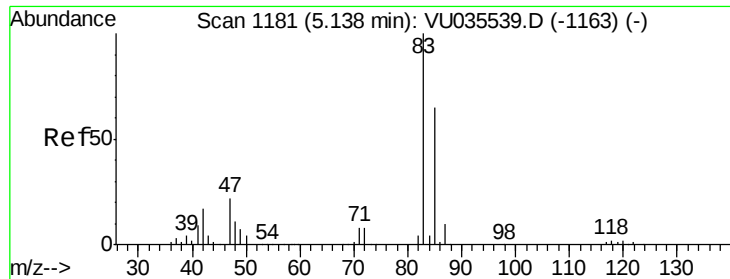
49 155.6 0.0 309.0

130 126.1 101.8 152.8



Abundance Ion 128.00 (127.70 to 128.70): VU035538.D (-991) (-)





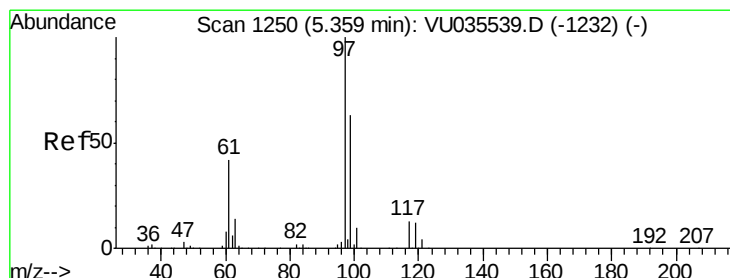
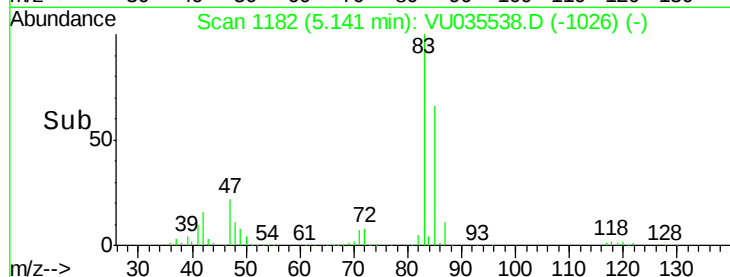
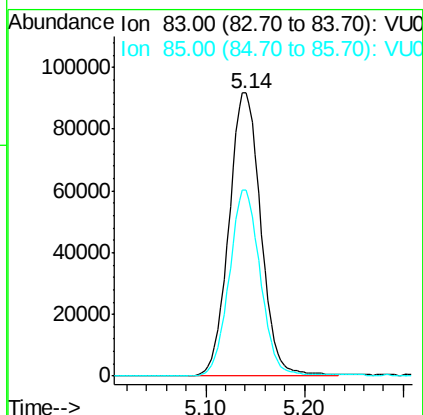
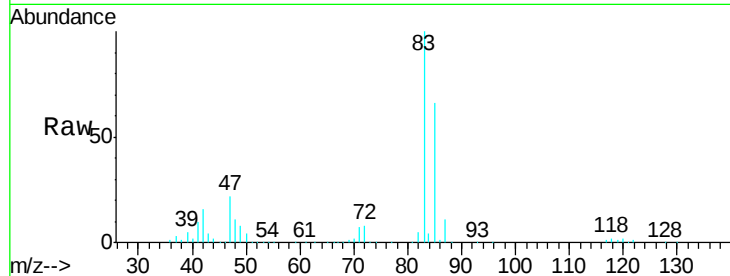
#27
Chloroform
Concen: 4.551 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	207367		
85	65.9	0.0	130.6	

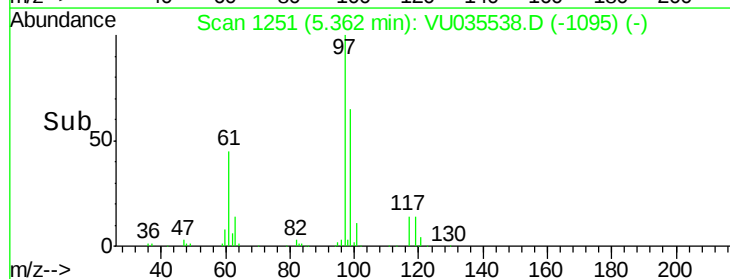
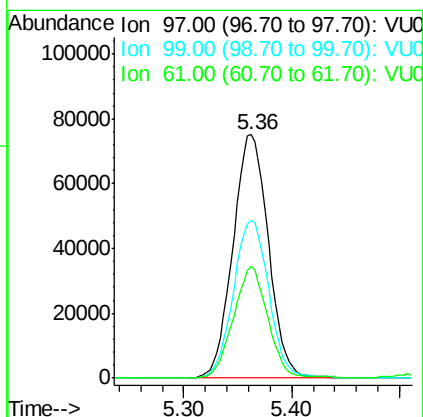
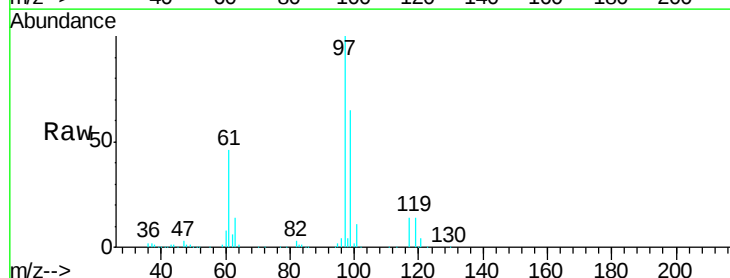
Manual Integrations
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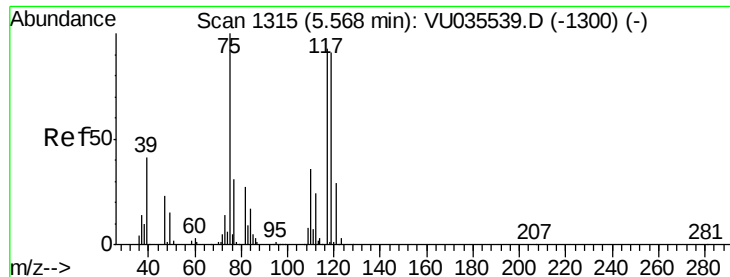
MMDadoda
10/30/2019 10:38:47 AM



#28
1,1,1-Trichloroethane
Concen: 4.825 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	172104		
99	65.1	32.6	97.7	
61	44.6	21.8	65.4	





#29

1,1-Dichloropropene

Concen: 4.850 ug/l

RT: 5.57 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 148978
Ion Ratio Lower Upper

75 100

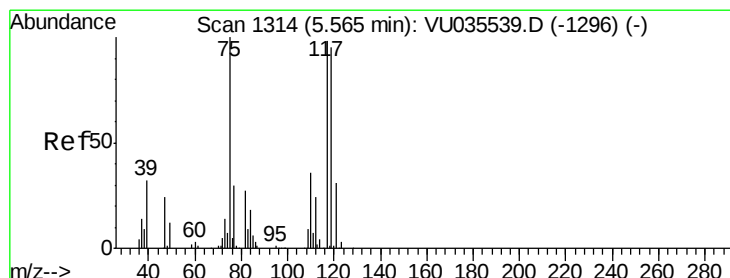
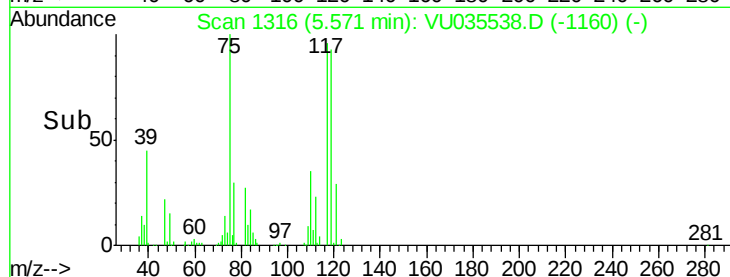
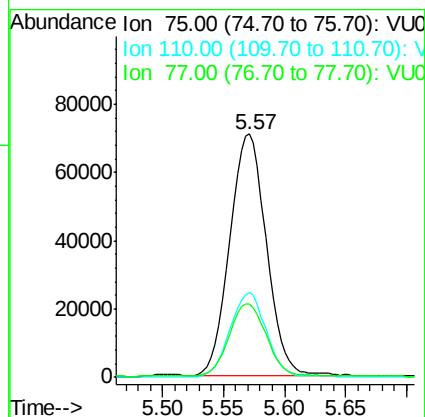
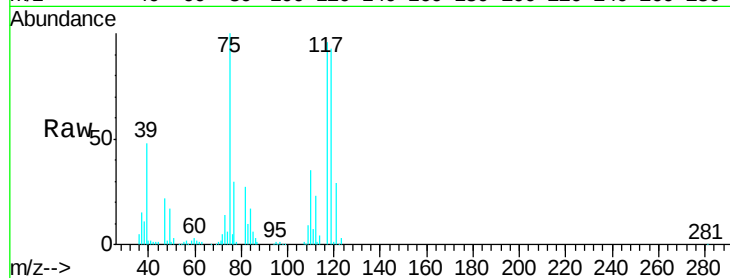
110 34.8 18.3 54.8

77 30.6 24.6 37.0

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#30

Carbon Tetrachloride

Concen: 4.843 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VU035538.D

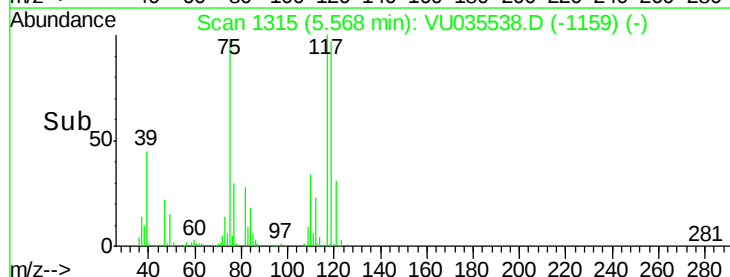
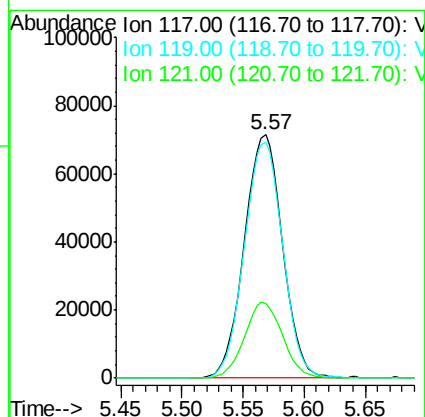
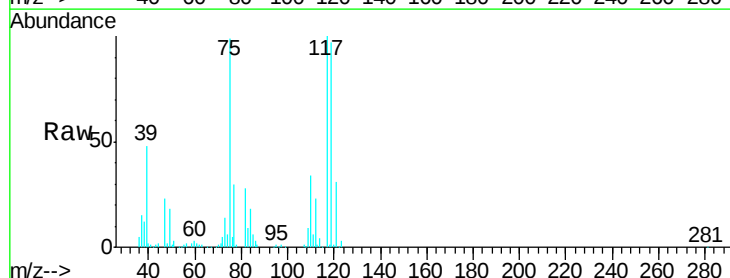
Acq: 29 Oct 2019 12:56

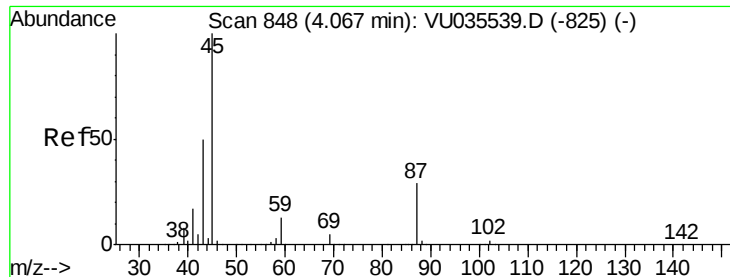
Tgt Ion: 117 Resp: 154747
Ion Ratio Lower Upper

117 100

119 96.9 77.3 115.9

121 30.8 25.2 37.8





#31

Isopropyl Ether

Concen: 4.498 ug/l

RT: 4.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

Tgt Ion: 45 Resp: 281433

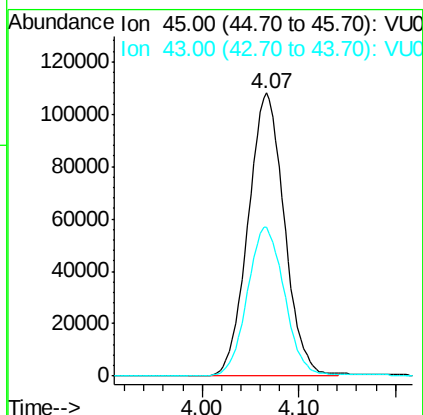
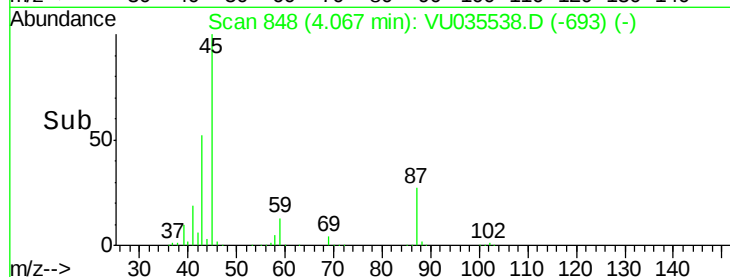
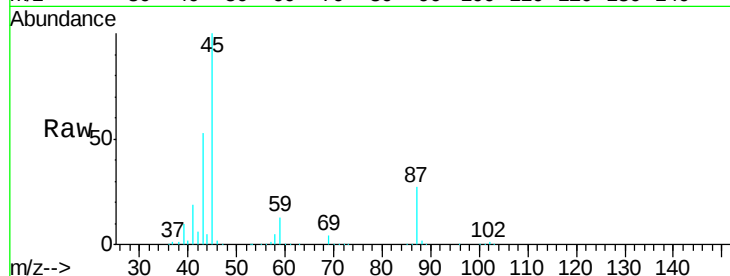
Ion Ratio Lower Upper

45 100

43 53.5 25.3 75.8

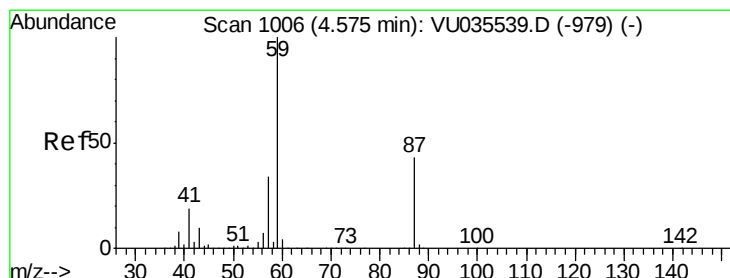
Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 4.899 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035538.D

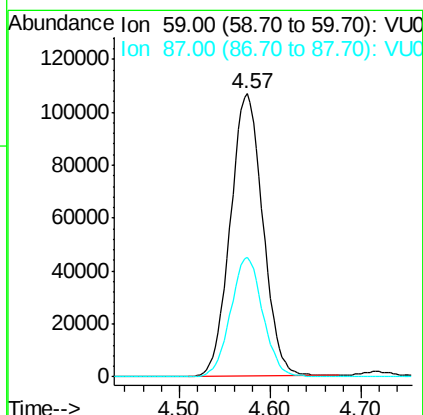
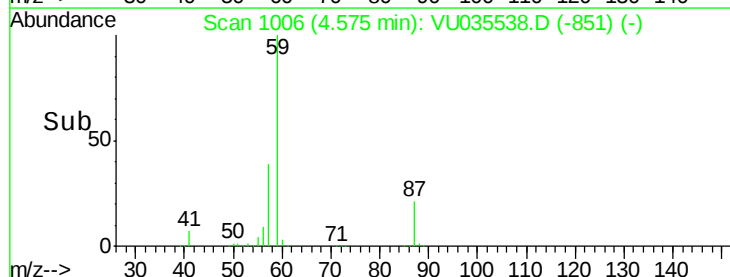
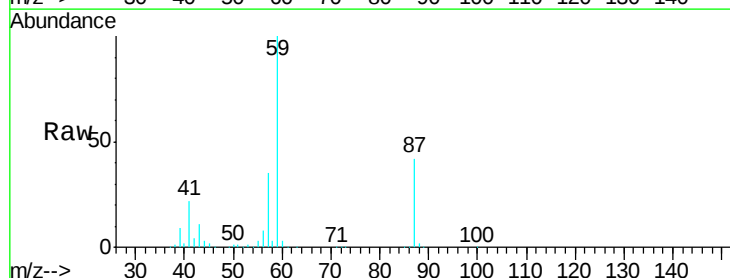
Acq: 29 Oct 2019 12:56

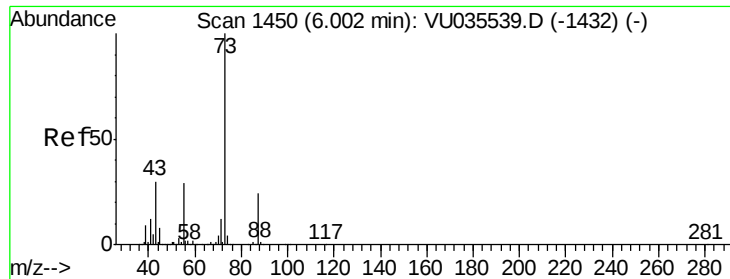
Tgt Ion: 59 Resp: 265814

Ion Ratio Lower Upper

59 100

87 41.4 33.9 50.9





#33

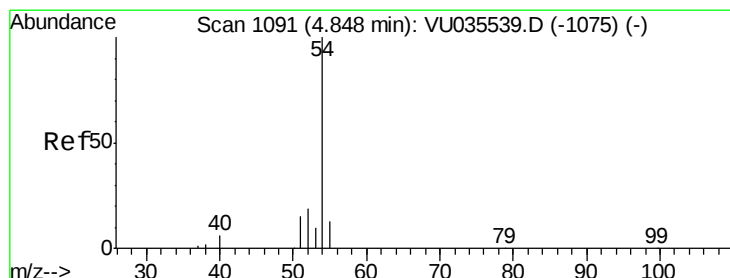
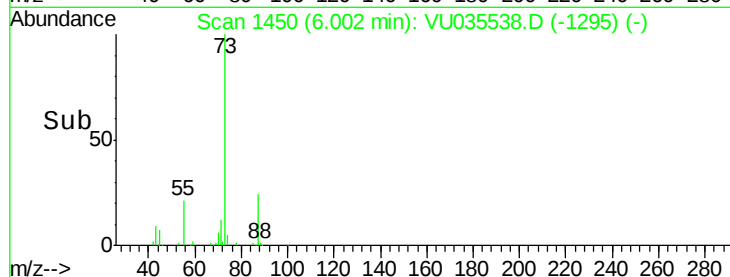
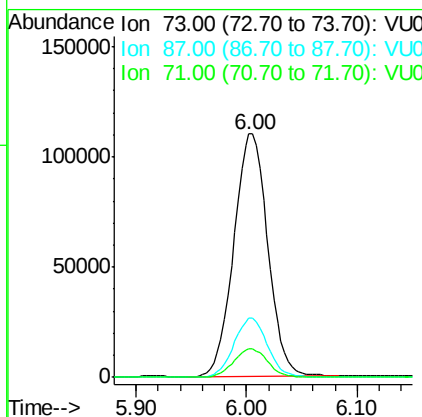
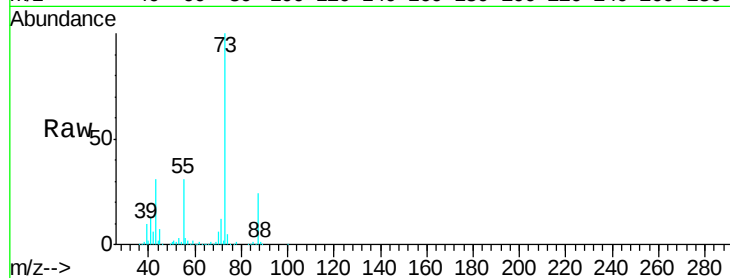
Tert-Amyl methyl ether
 Concen: 5.149 ug/l
 RT: 6.00 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.5	29.3
71	11.8	9.4	14.2

Manual Integrations
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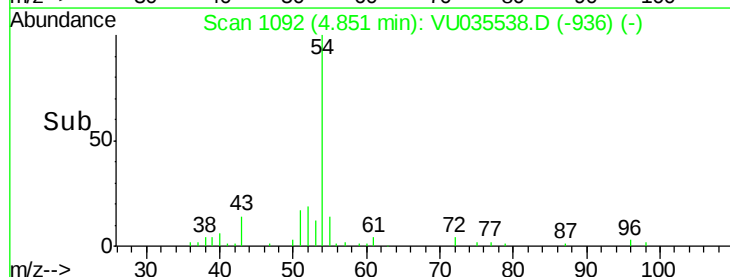
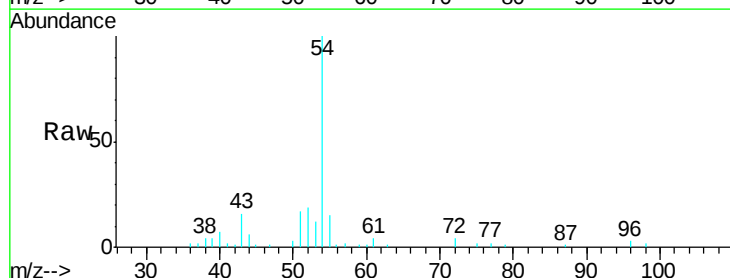
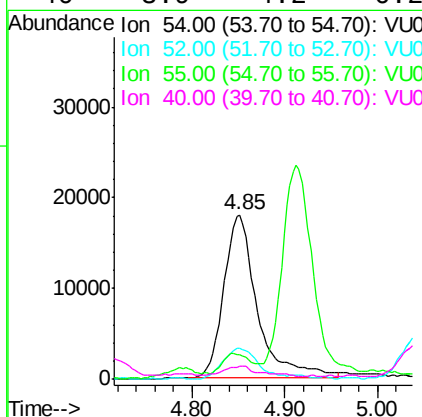
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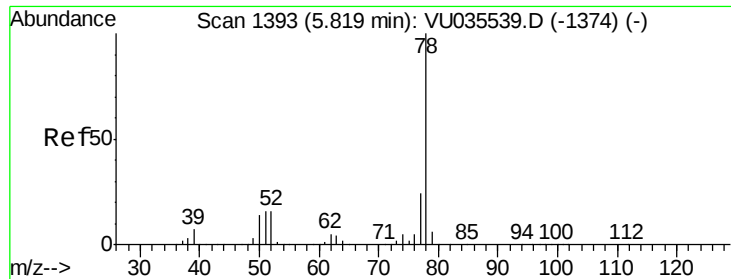


#34

Propionitrile
 Concen: 30.080 ug/l
 RT: 4.85 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.7	14.6	21.8
55	12.1	11.7	17.5
40	3.9	4.2	6.2#





#35

Benzene

Concen: 4.827 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 78 Resp: 445261

Ion Ratio Lower Upper

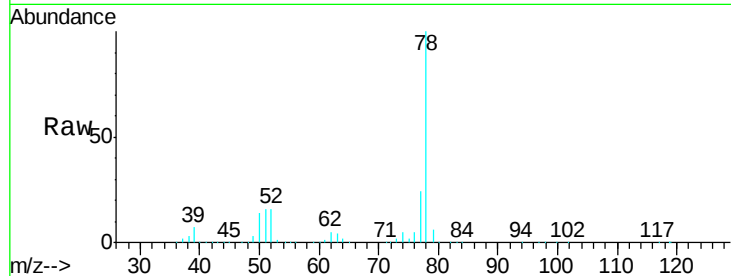
78 100

77 23.5 19.0 28.4

Manual Integrations
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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

250000

200000

150000

100000

50000

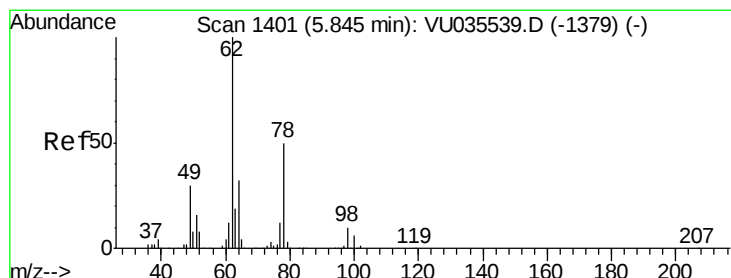
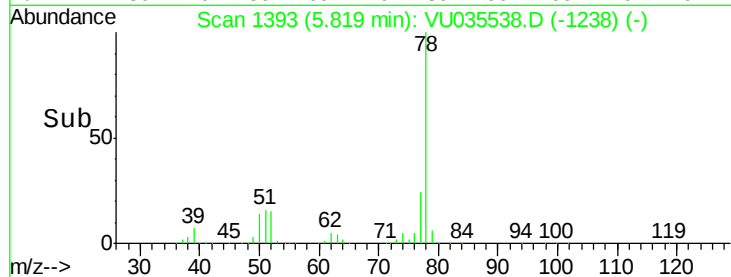
0

5.70

5.80

5.90

Time-->



#36

1,2-Dichloroethane

Concen: 5.269 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035538.D

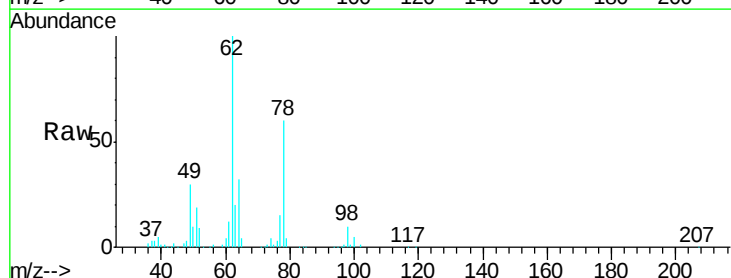
Acq: 29 Oct 2019 12:56

Tgt Ion: 62 Resp: 126499

Ion Ratio Lower Upper

62 100

98 9.2 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

60000

40000

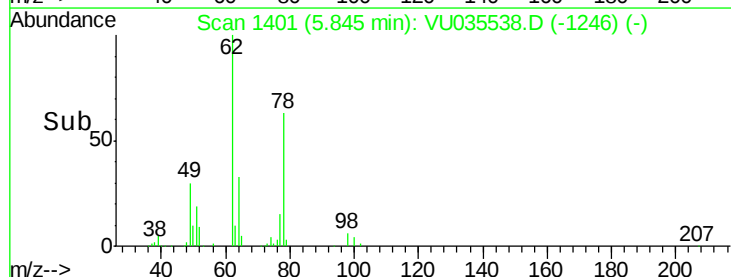
20000

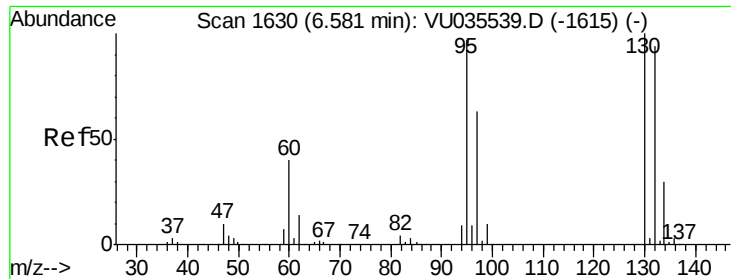
0

5.80

5.90

Time-->





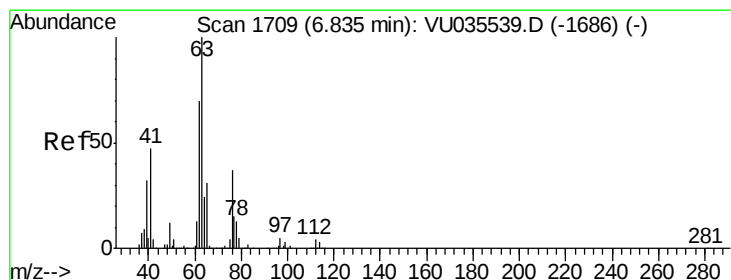
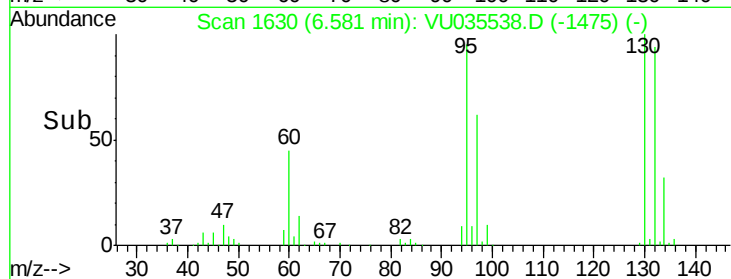
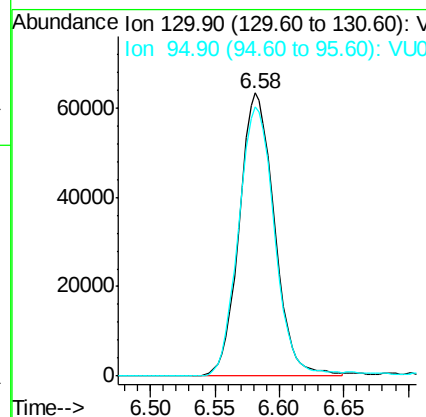
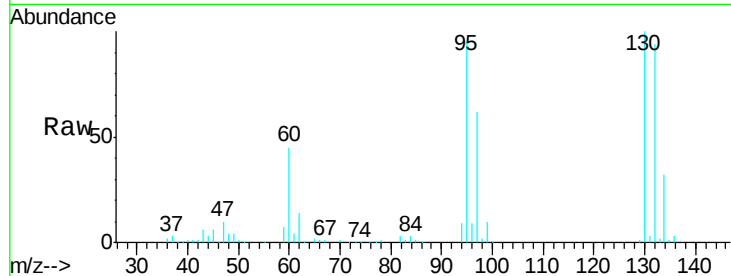
#37
 Trichloroethene
 Concen: 4.652 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 130 Resp: 119842
 Ion Ratio Lower Upper
 130 100
 95 95.2 77.5 116.3

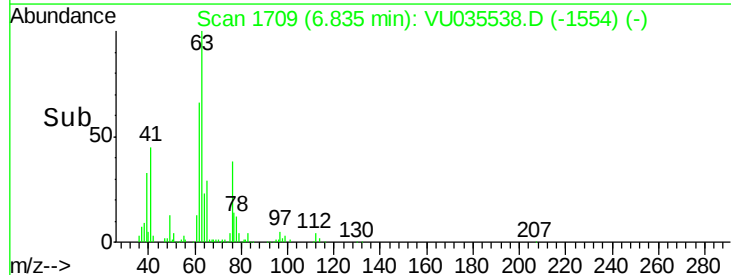
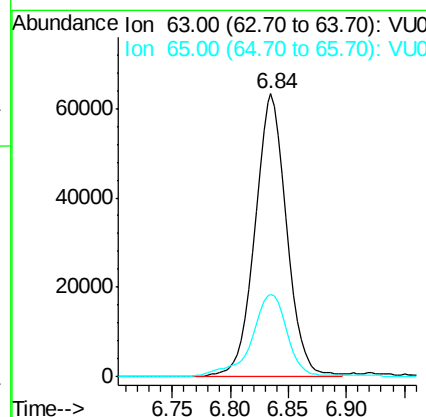
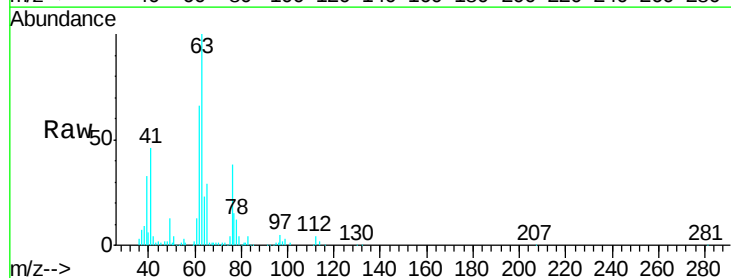
Manual Integrations
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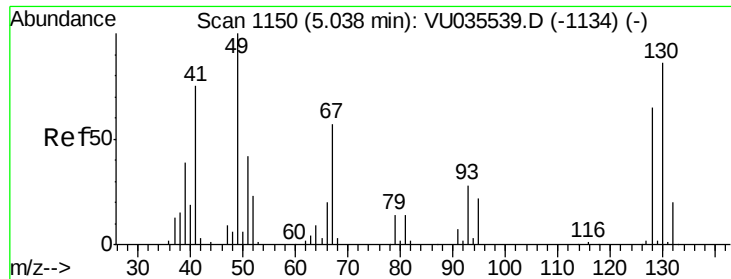
MMDadoda
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#38
 1,2-Dichloropropane
 Concen: 4.935 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 63 Resp: 121156
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.0 37.6





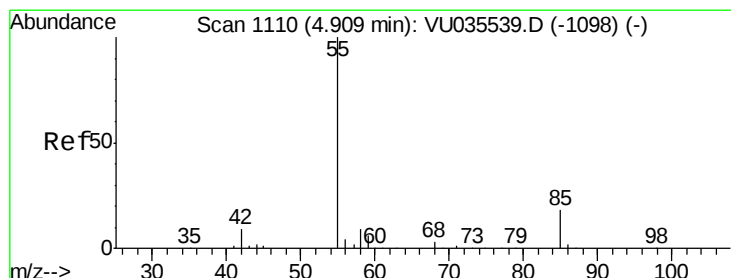
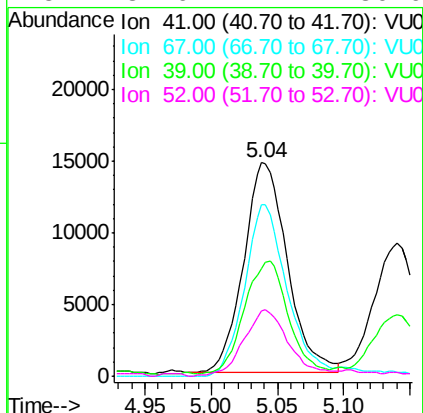
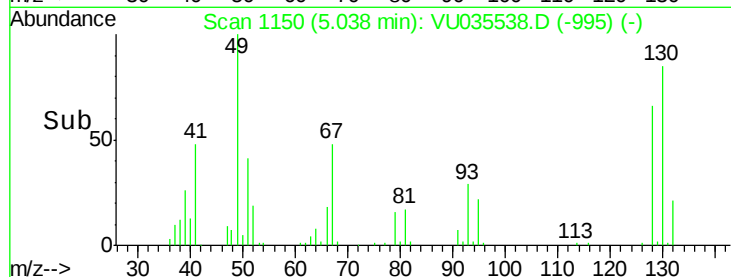
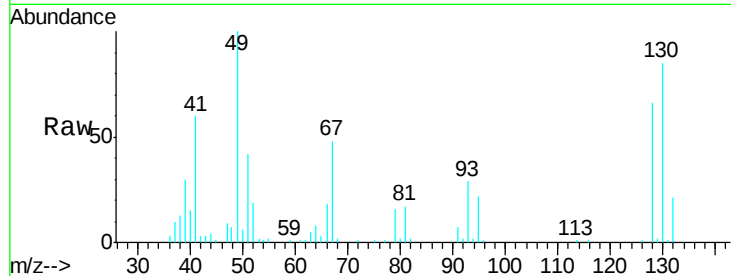
#39
Methacrylonitrile
Concen: 5.411 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
41	100		
67	79.0	61.5	92.3
39	52.9	41.3	61.9
52	32.6	24.4	36.6

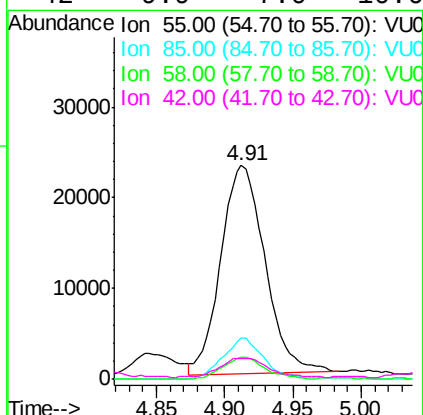
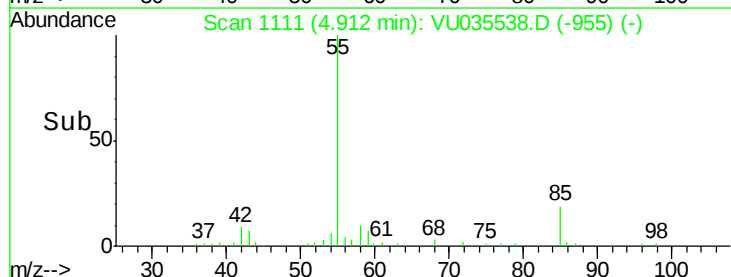
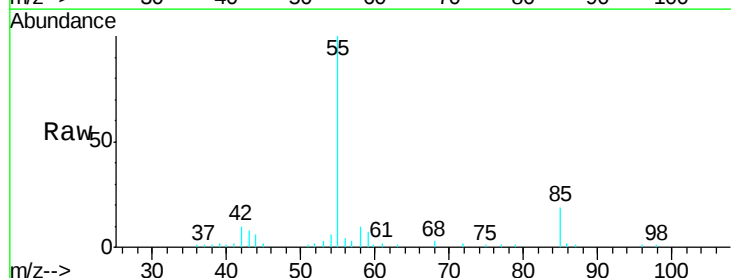
Manual Integrations
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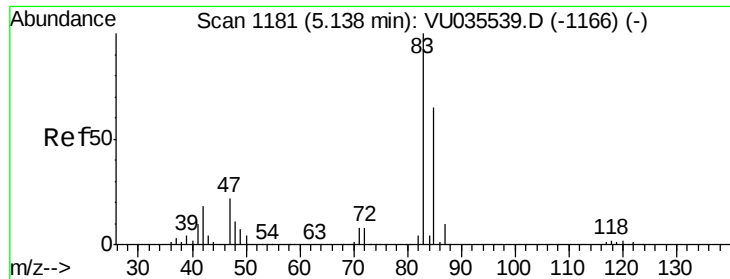
MMDadoda
10/30/2019 10:38:47 AM



#40
Methyl acrylate
Concen: 5.469 ug/l
RT: 4.91 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
55	100		
85	18.0	13.5	20.3
58	9.8	6.6	10.0
42	9.9	7.0	10.6





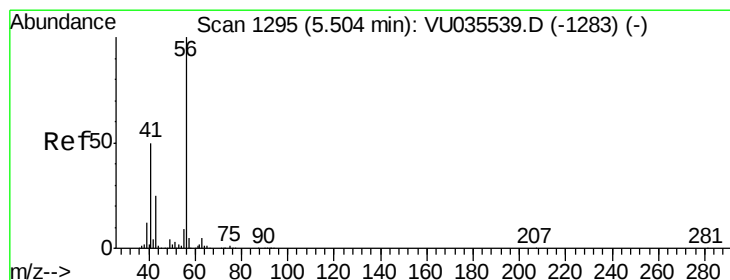
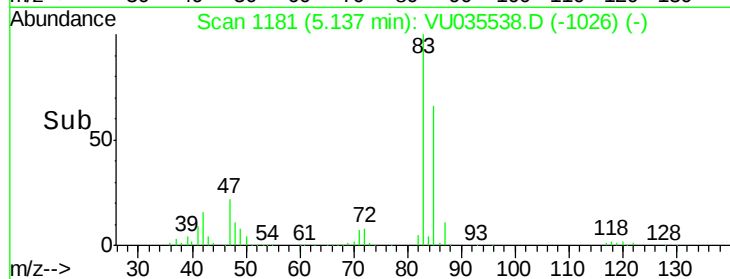
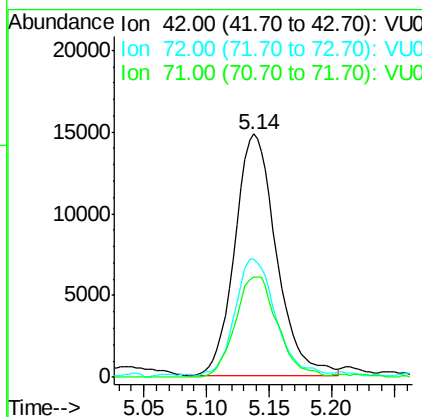
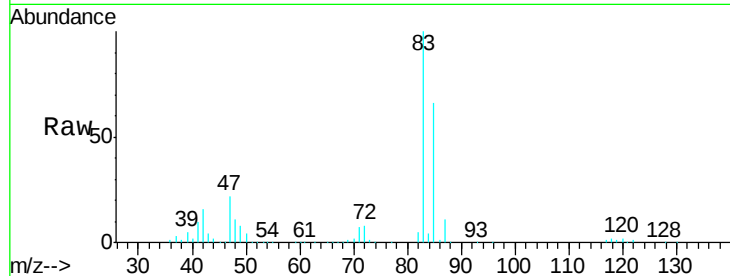
#41
Tetrahydrofuran
Concen: 10.710 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.6	89.9	134.9#
71	42.4	3.7	5.5#

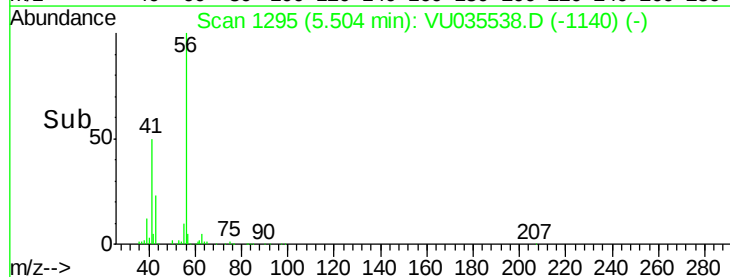
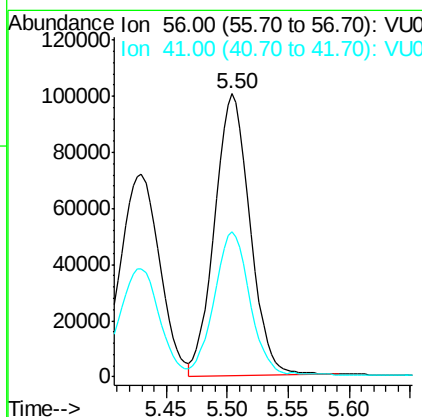
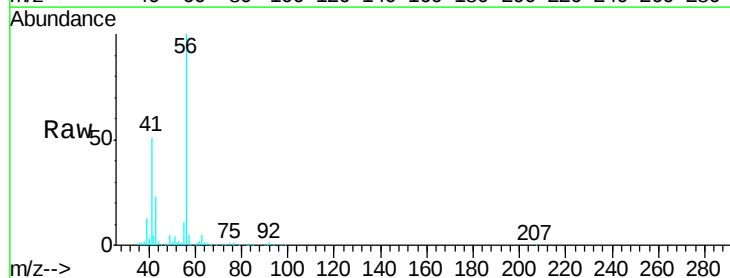
Manual Integrations
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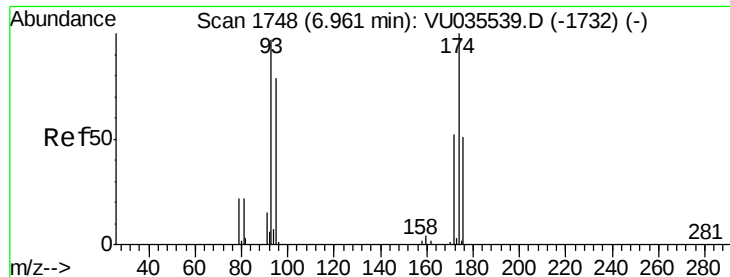
MMDadoda
10/30/2019 10:38:47 AM



#42
1-Chlorobutane
Concen: 4.885 ug/l
RT: 5.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
56	100		
41	49.9	25.5	76.5





#43

Dibromomethane

Concen: 5.060 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

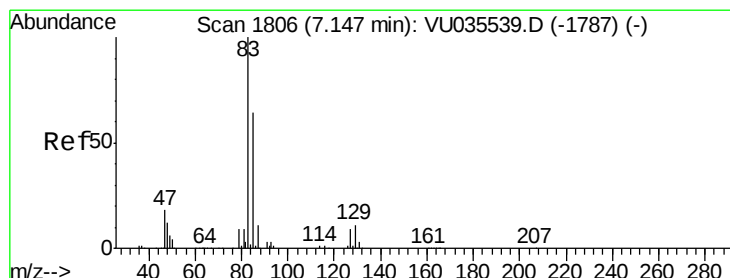
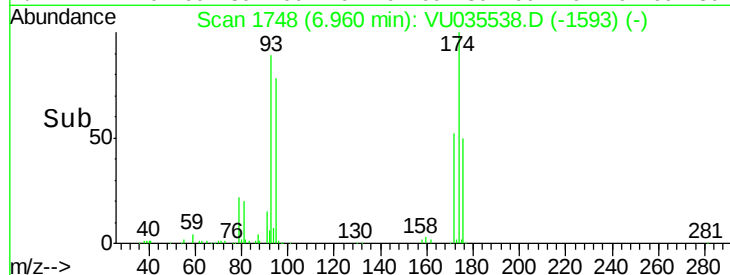
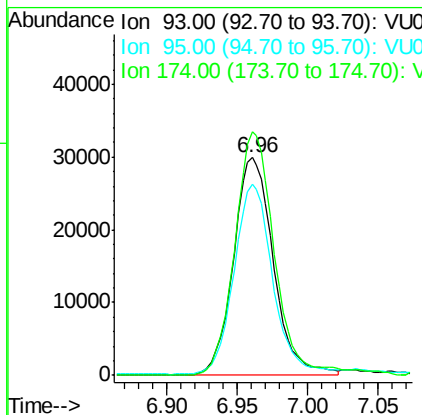
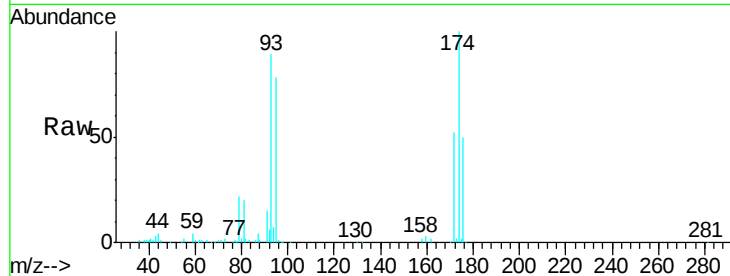
ClientSampleId :

VSTDIC005

Tgt Ion:	93	Resp:	59474
Ion	Ratio	Lower	Upper
93	100		
95	84.9	65.1	97.7
174	112.5	84.2	126.4

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#44

Bromodichloromethane

Concen: 5.065 ug/l

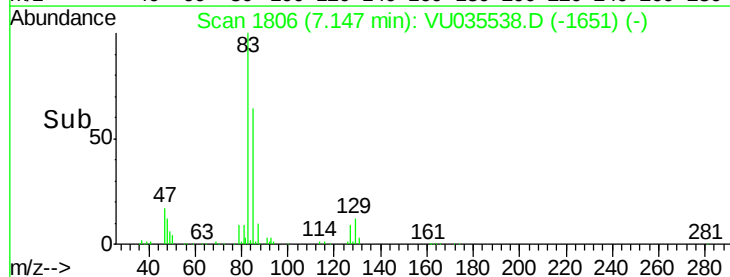
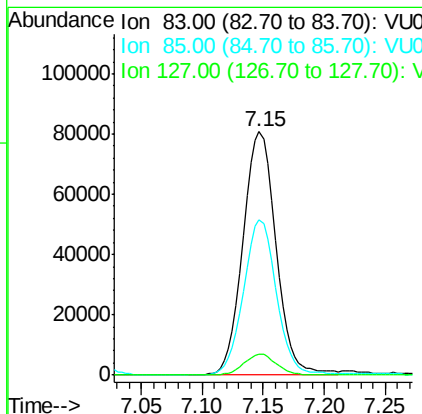
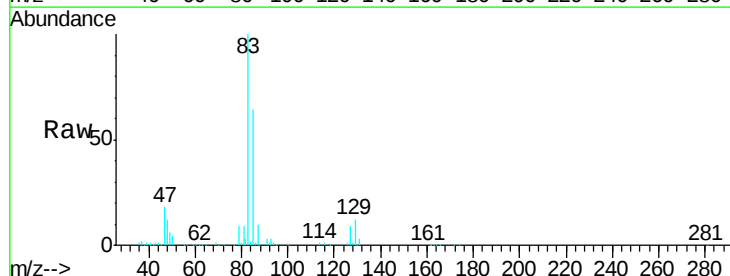
RT: 7.15 min Scan# 1806

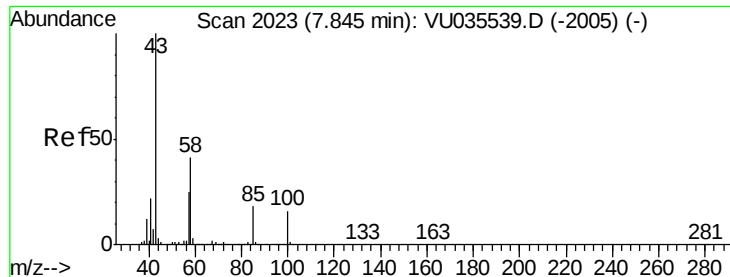
Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion:	83	Resp:	151179
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.6	7.0	10.4





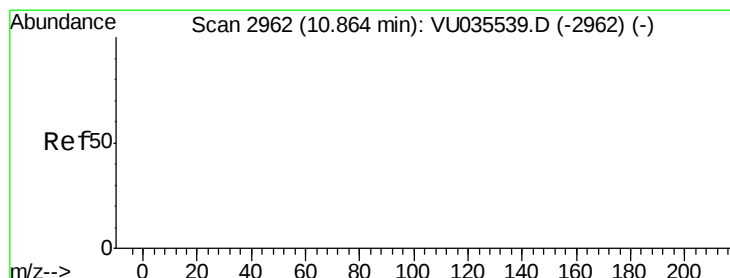
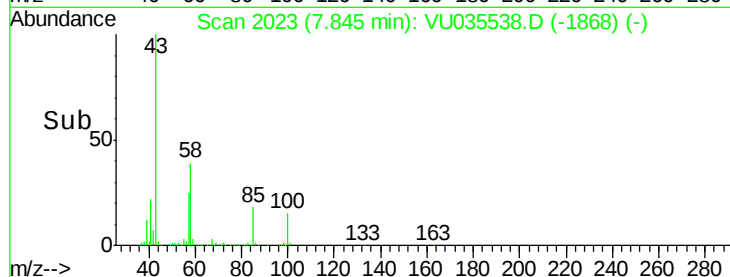
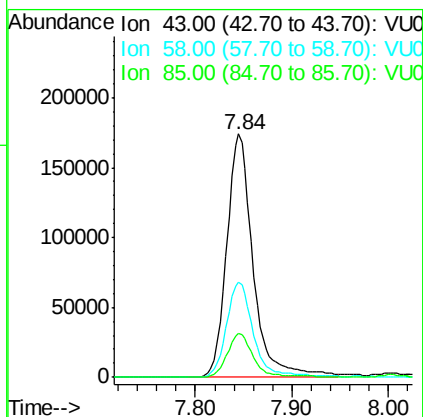
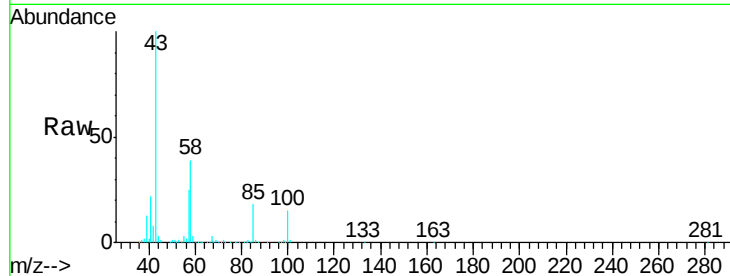
#45
 4-Methyl-2-Pentanone
 Concen: 27.448 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.6	61.8
85	17.5	14.5	21.7

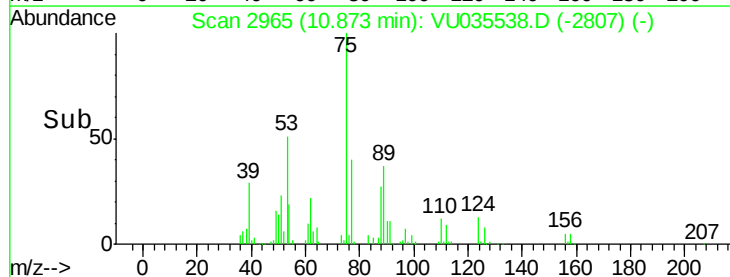
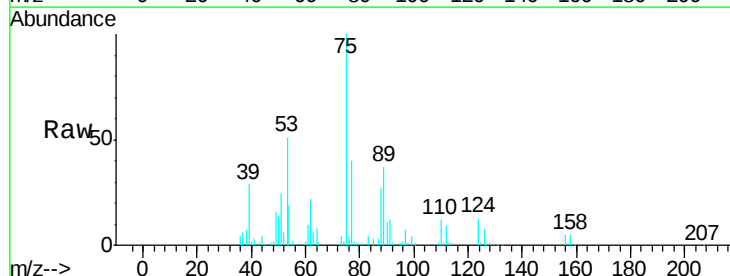
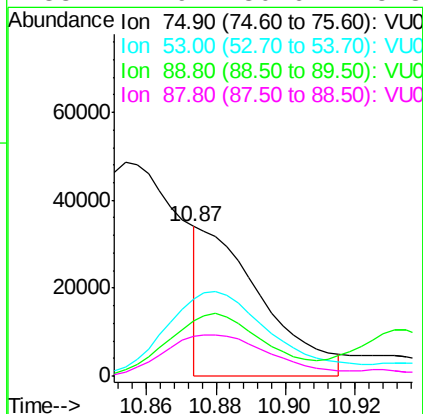
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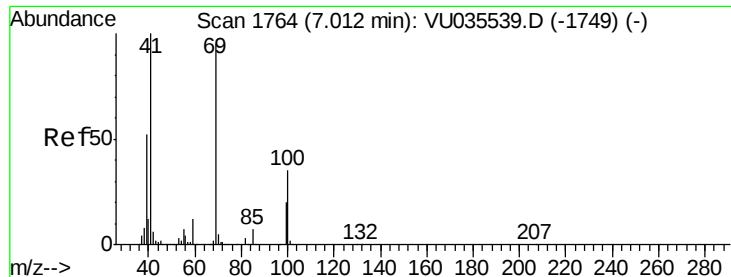
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#46
 t-1,4-Dichloro-2-butene
 Concen: 8.496 ug/l m
 RT: 10.87 min Scan# 2965
 Delta R.T. 0.01 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.1	54.1	81.1#
89	65.2	38.2	57.4#
88	47.9	30.6	45.8#





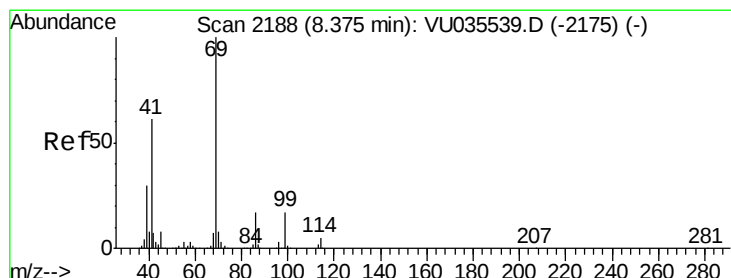
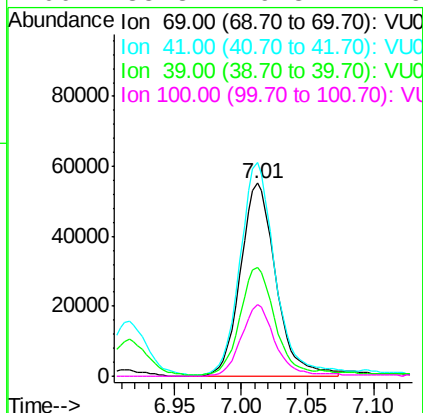
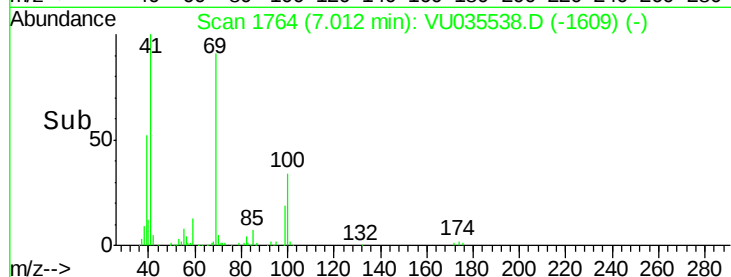
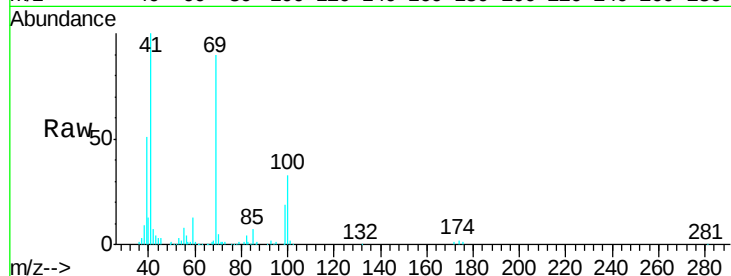
#47
Methyl methacrylate
Concen: 10.952 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
69	100		
41	108.6	0.0	216.8
39	54.7	45.1	67.7
100	35.3	29.8	44.6

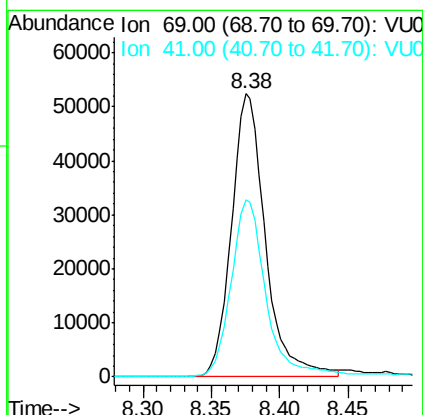
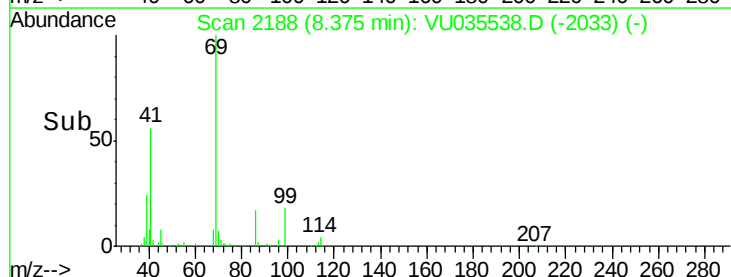
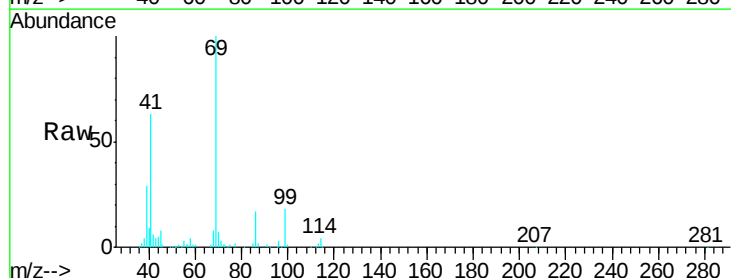
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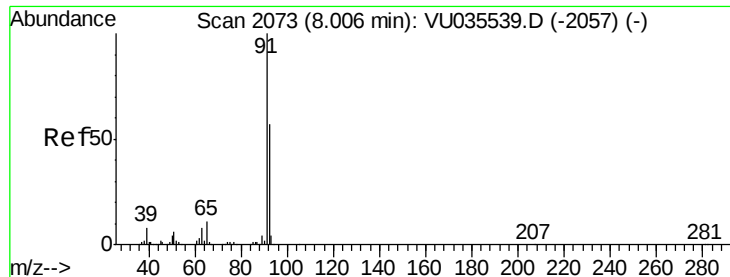
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#48
Ethyl methacrylate
Concen: 5.348 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.5	30.4	91.2





#49

Toluene

Concen: 4.893 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 92 Resp: 263030

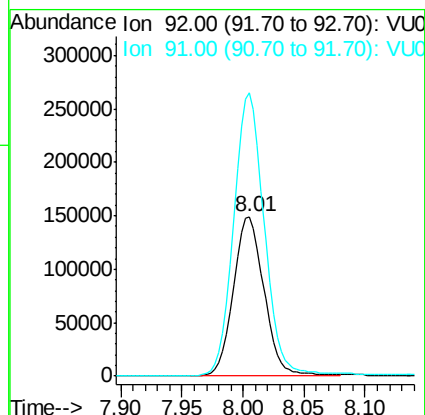
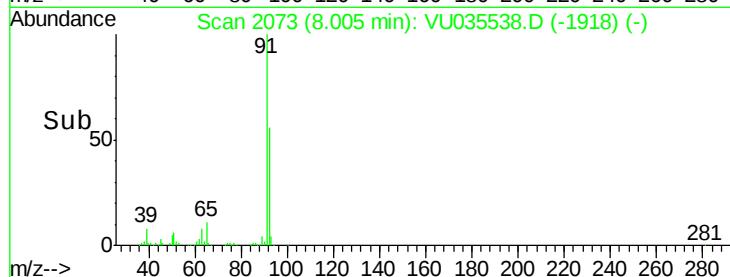
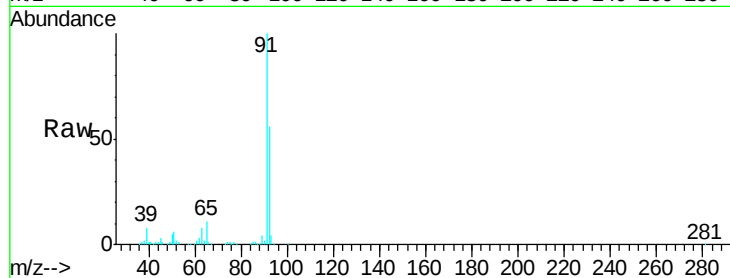
Ion Ratio Lower Upper

92 100

91 178.4 141.4 212.0

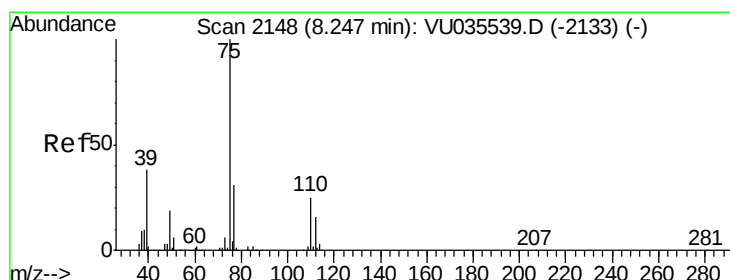
Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 5.460 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035538.D

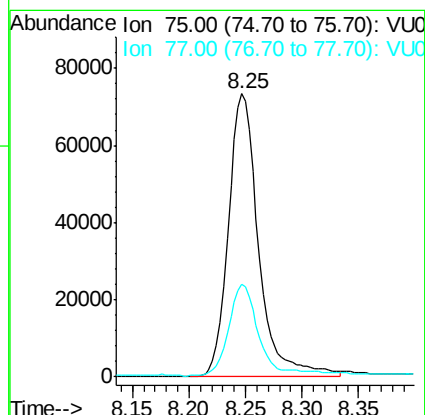
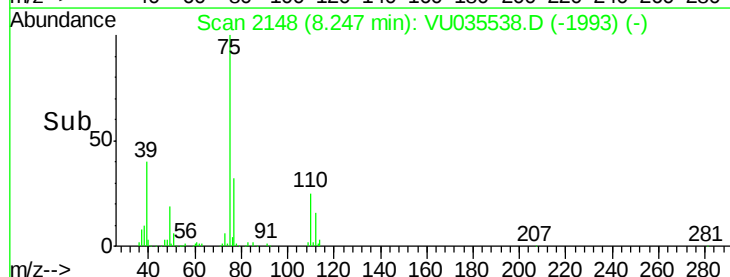
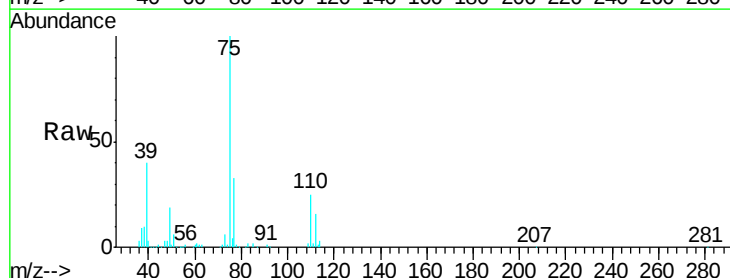
Acq: 29 Oct 2019 12:56

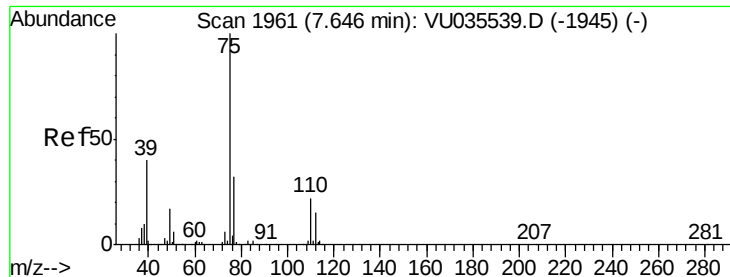
Tgt Ion: 75 Resp: 136926

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8





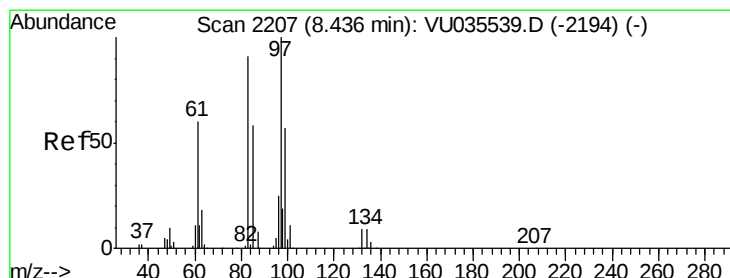
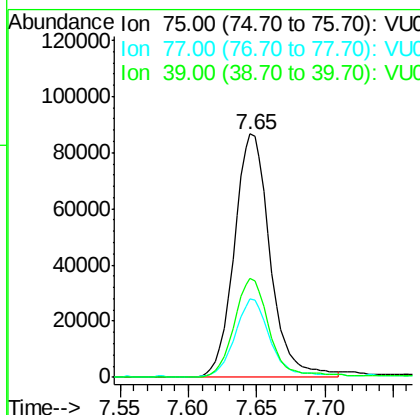
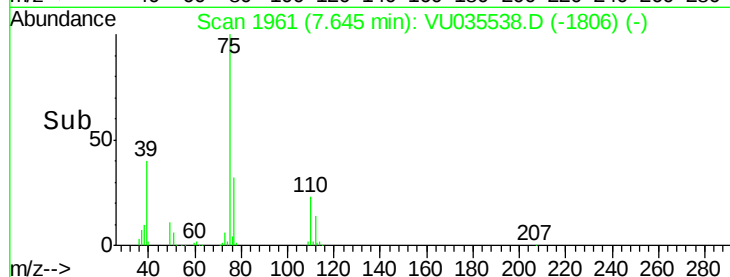
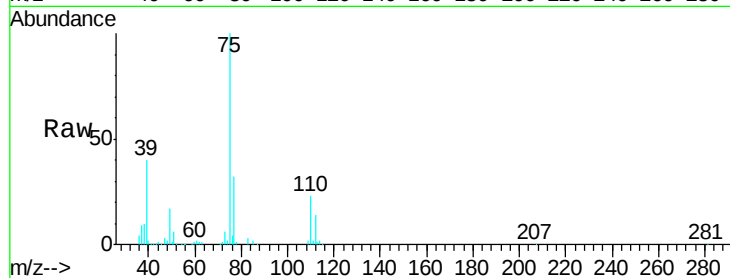
#51
 cis-1,3-Dichloropropene
 Concen: 5.109 ug/l
 RT: 7.65 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	40.3	32.1	48.1

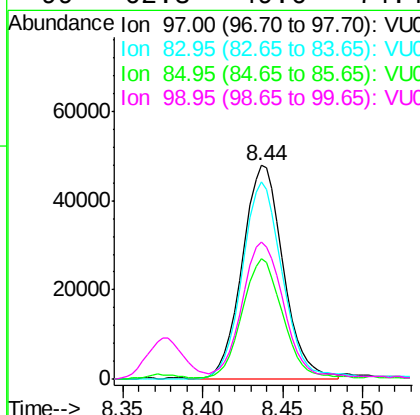
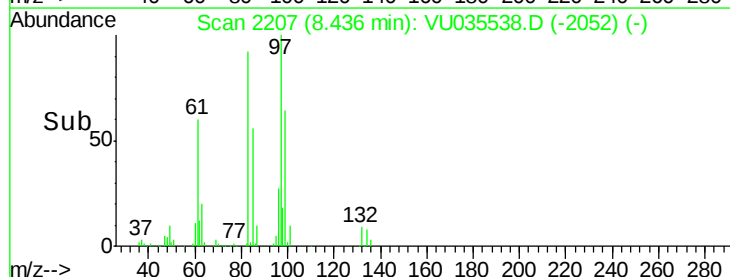
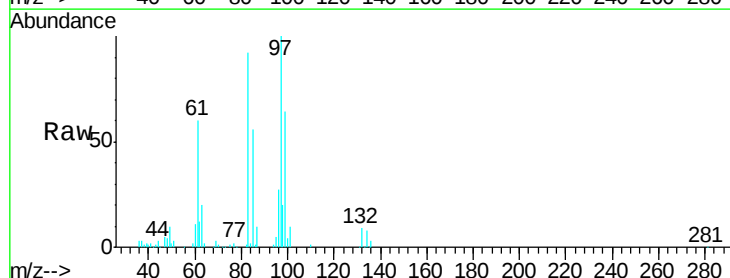
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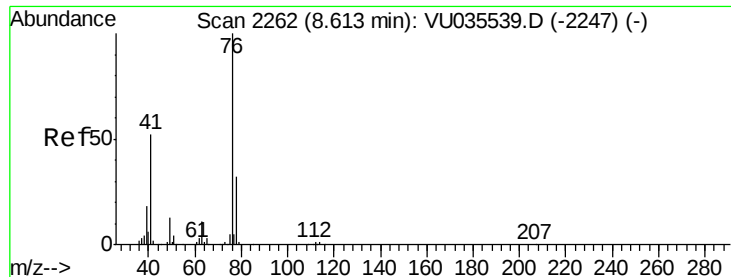
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#52
 1,1,2-Trichloroethane
 Concen: 5.112 ug/l
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.6	72.6	108.8
85	55.7	46.4	69.6
99	62.3	49.6	74.4





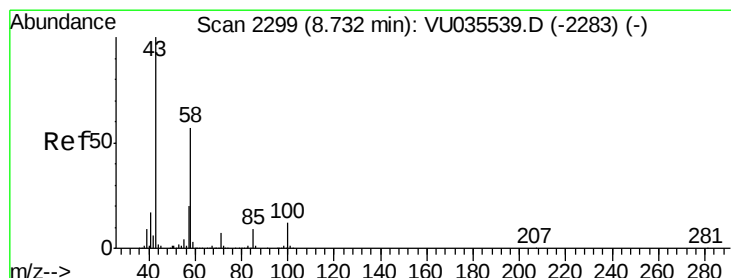
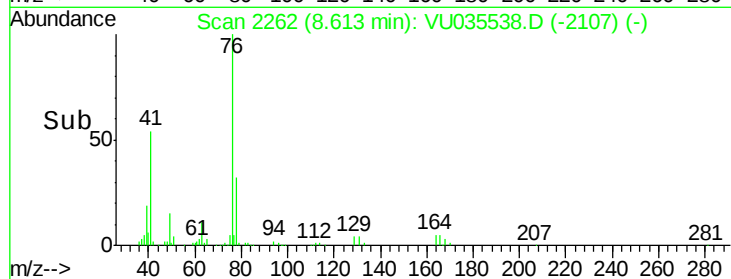
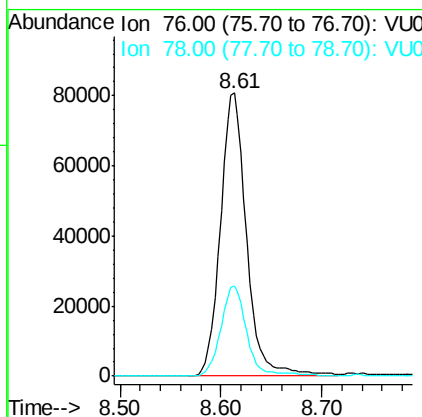
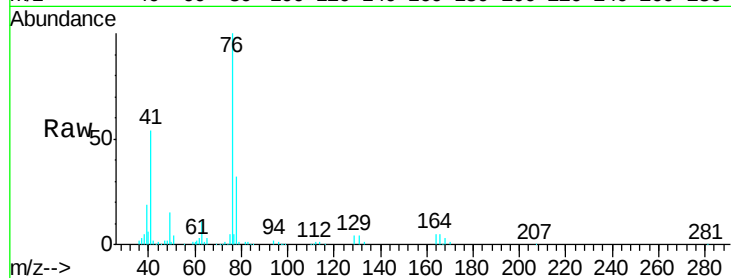
#53
 1,3-Dichloropropane
 Concen: 5.362 ug/l
 RT: 8.61 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.1	25.6	38.4

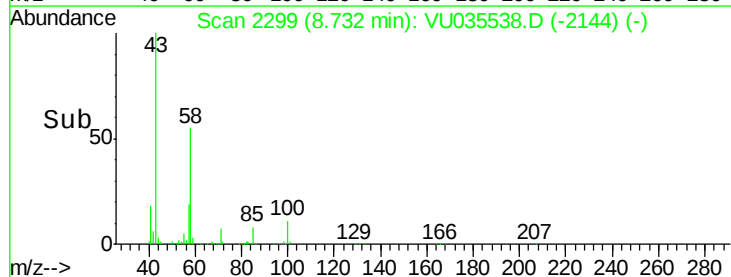
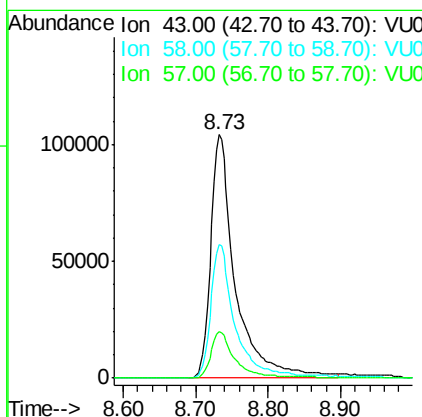
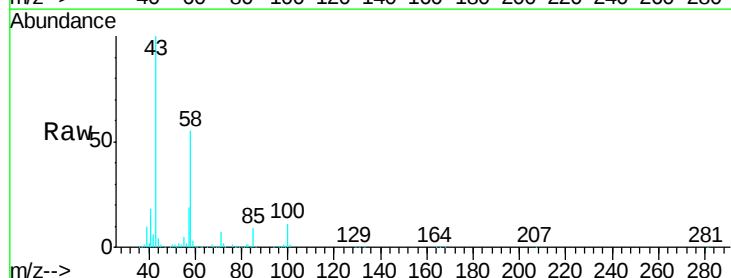
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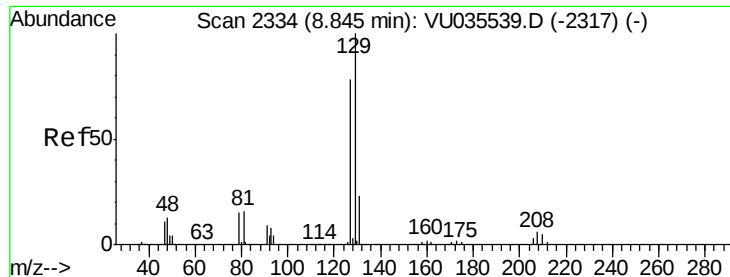
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#54
 2-Hexanone
 Concen: 30.148 ug/l
 RT: 8.73 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.7	37.2	77.2
57	18.3	0.0	39.1





#55

Dibromochloromethane

Concen: 5.228 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:129 Resp: 103569

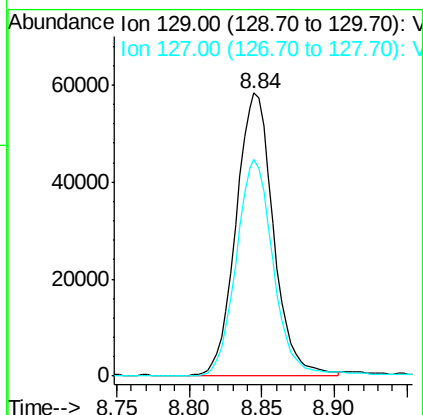
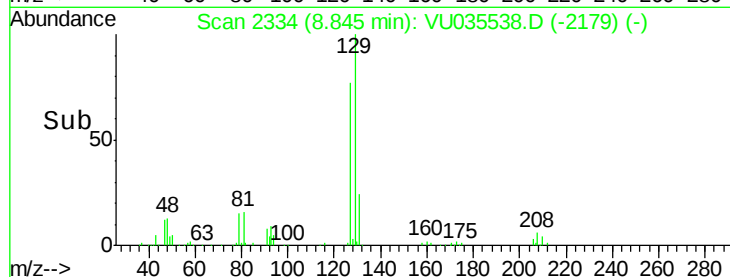
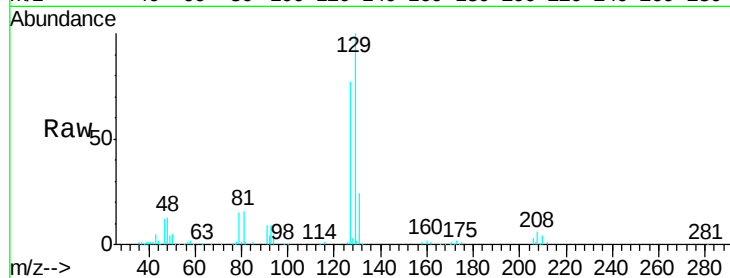
Ion Ratio Lower Upper

129 100

127 77.5 62.3 93.5

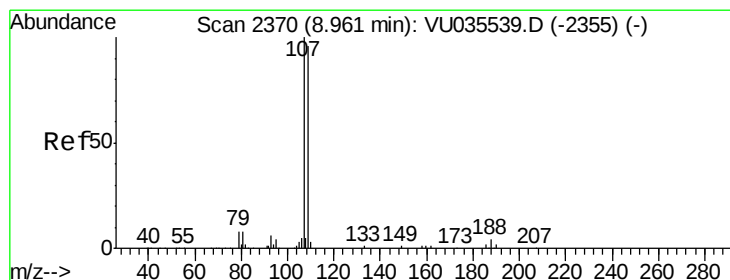
Manual Integrations

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#56

1,2-Dibromoethane

Concen: 5.142 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035538.D

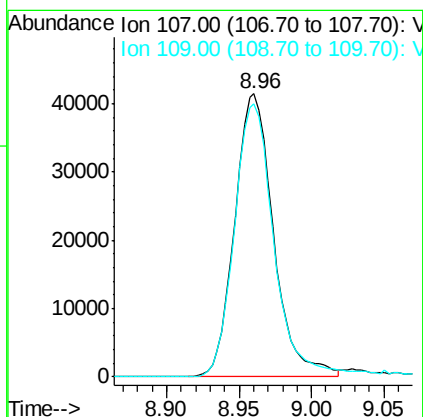
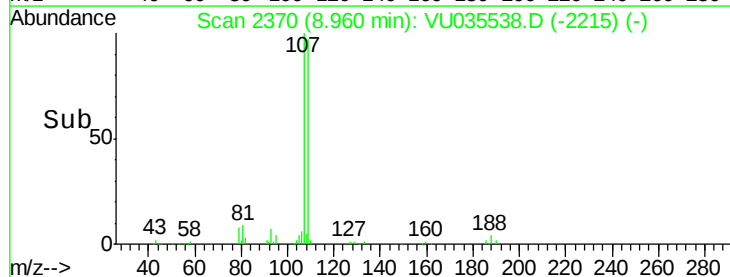
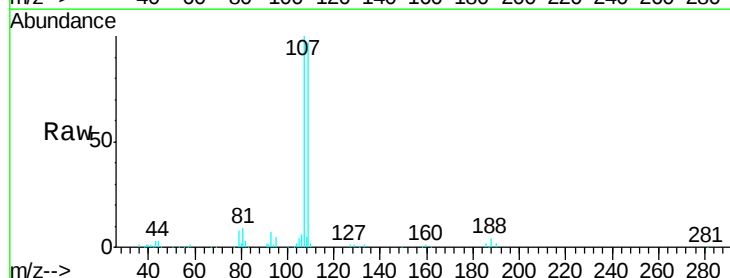
Acq: 29 Oct 2019 12:56

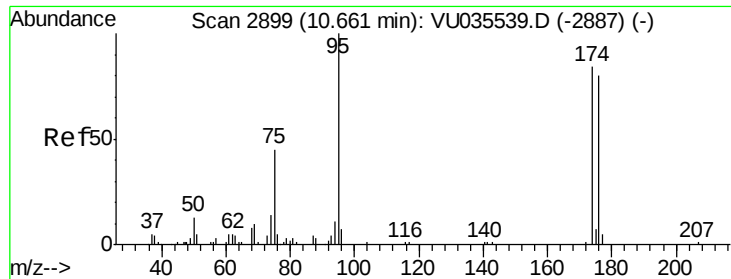
Tgt Ion:107 Resp: 77362

Ion Ratio Lower Upper

107 100

109 99.0 0.0 191.4





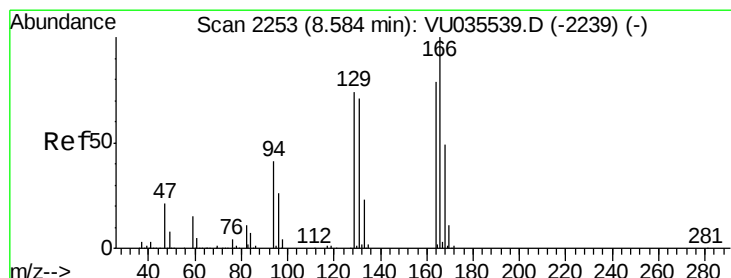
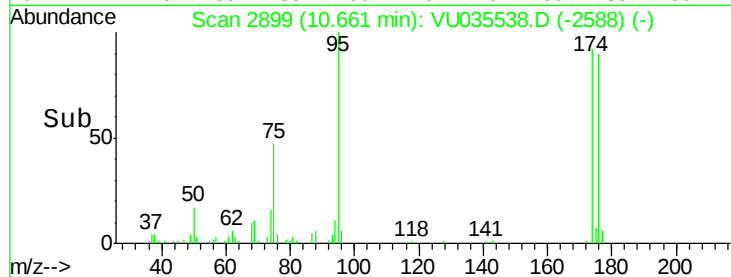
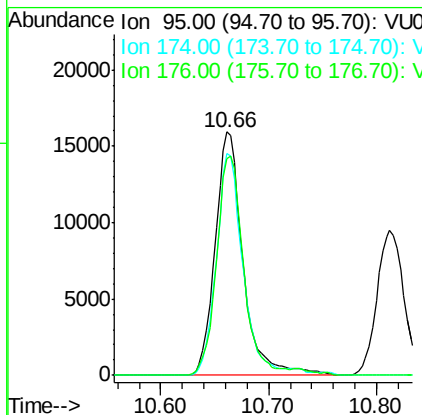
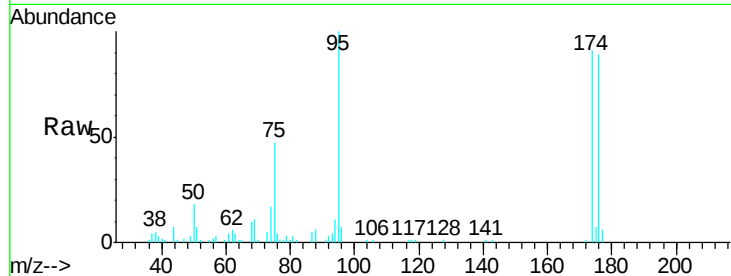
#57
4-Bromofluorobenzene
Concen: 0.962 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	70.2	105.4
176	86.2	67.7	101.5

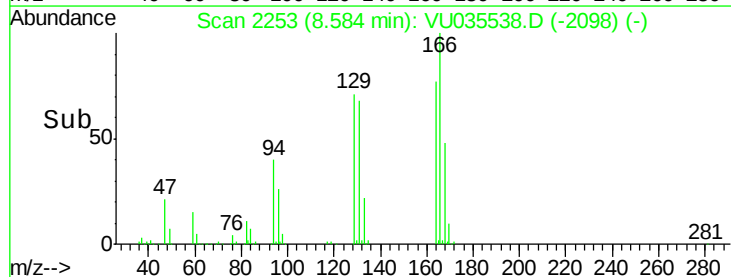
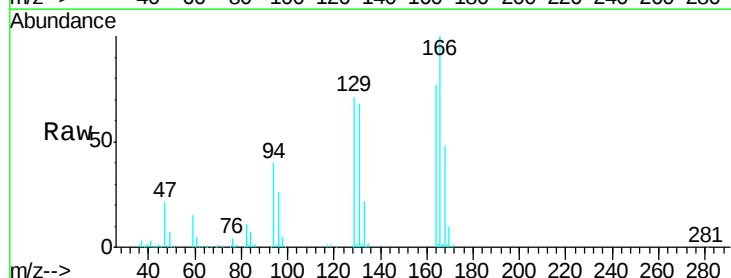
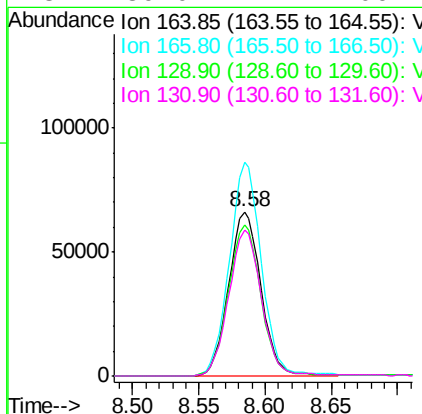
Manual Integrations
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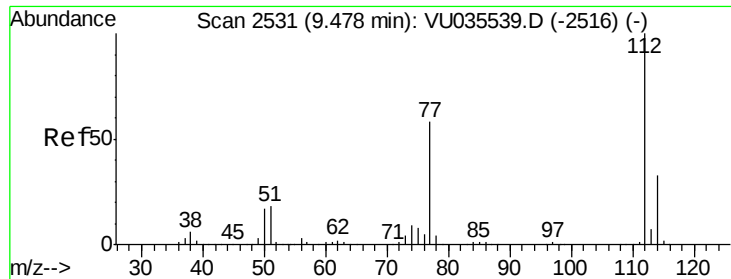
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#58
Tetrachloroethene
Concen: 4.612 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	100.6	151.0
129	92.0	74.1	111.1
131	89.0	71.1	106.7





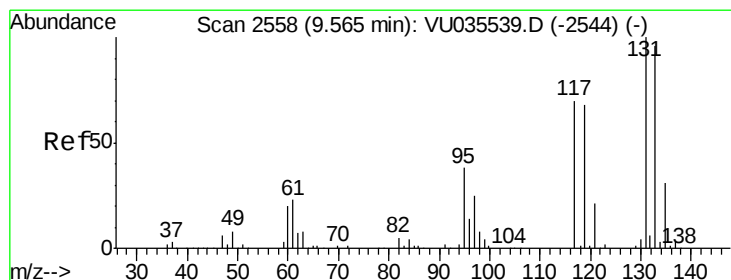
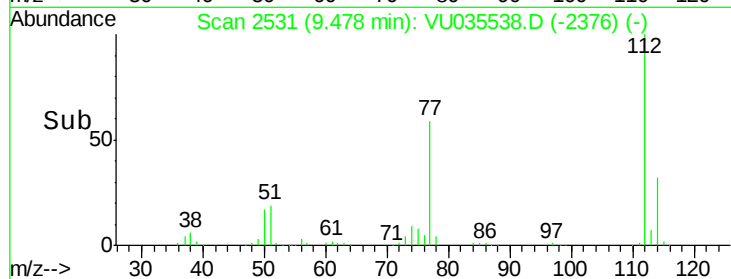
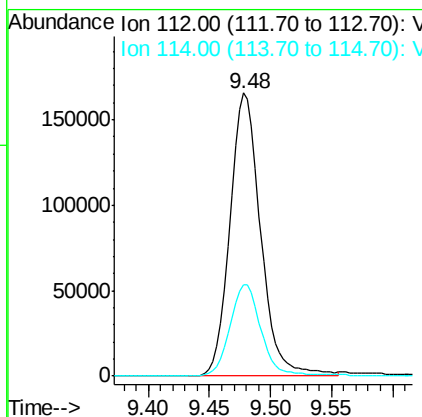
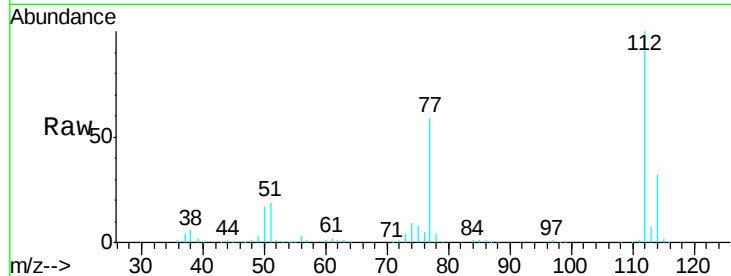
#59
Chlorobenzene
Concen: 4.839 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 291955
Ion Ratio Lower Upper
112 100
114 32.3 26.5 39.7

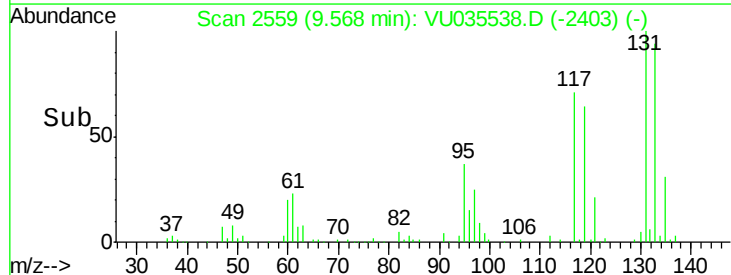
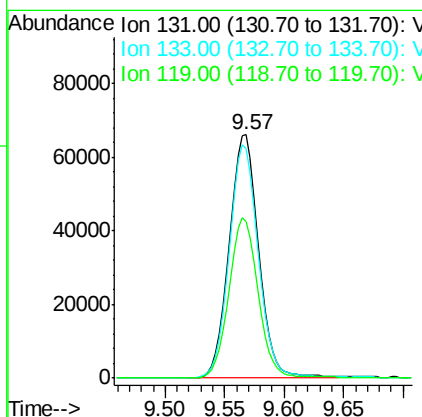
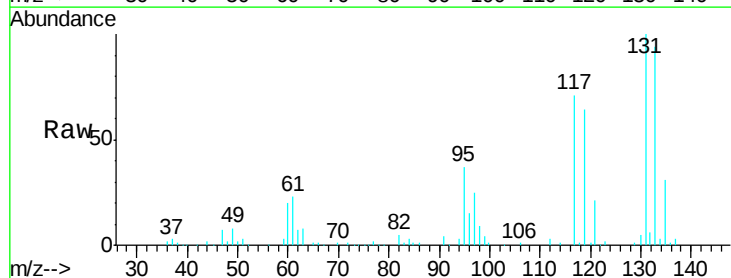
Manual Integrations
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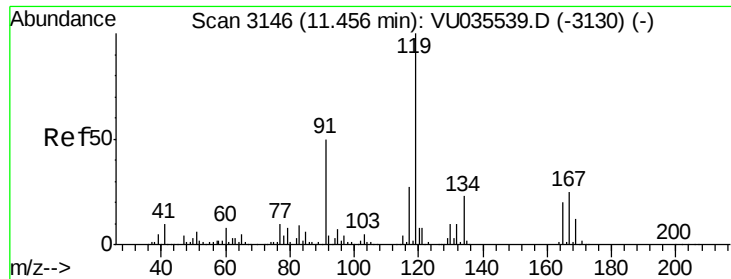
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#60
1,1,1,2-Tetrachloroethane
Concen: 5.063 ug/l
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion:131 Resp: 113518
Ion Ratio Lower Upper
131 100
133 95.1 76.9 115.3
119 65.0 53.6 80.4





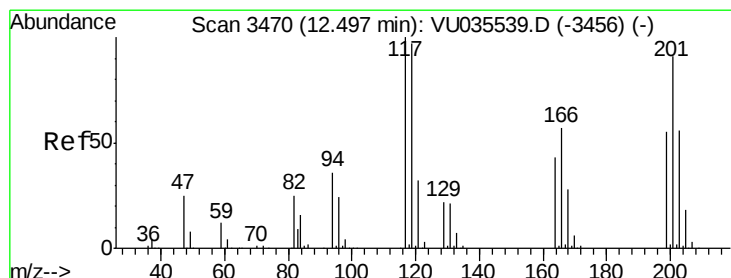
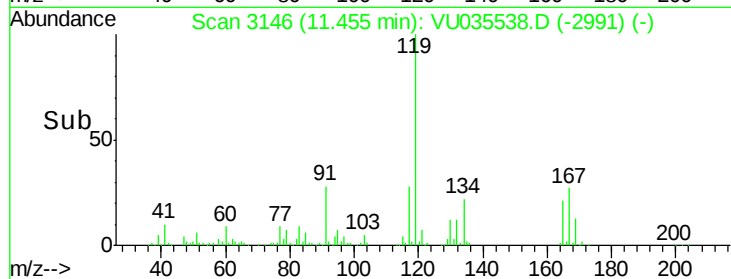
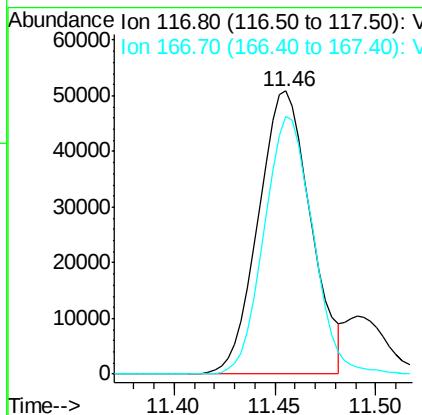
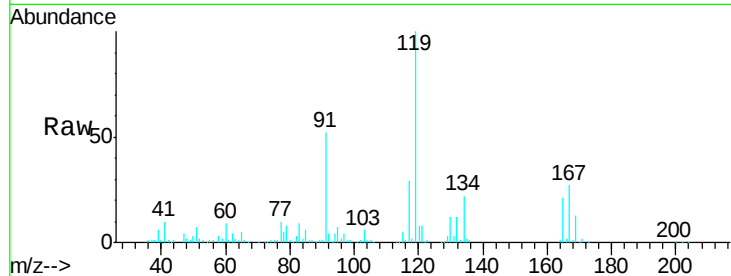
#61
 Pentachloroethane
 Concen: 5.035 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:117 Resp: 91786
 Ion Ratio Lower Upper
 117 100
 167 84.5 69.8 104.6

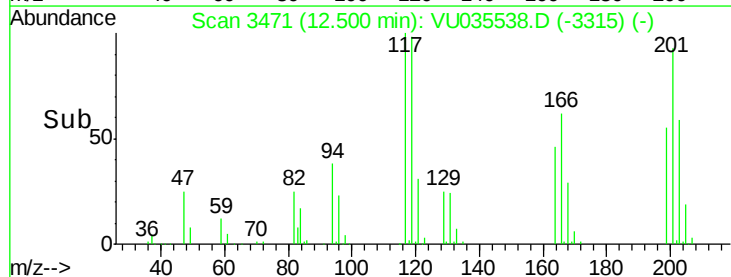
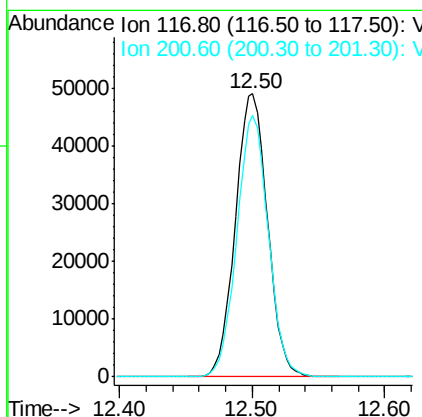
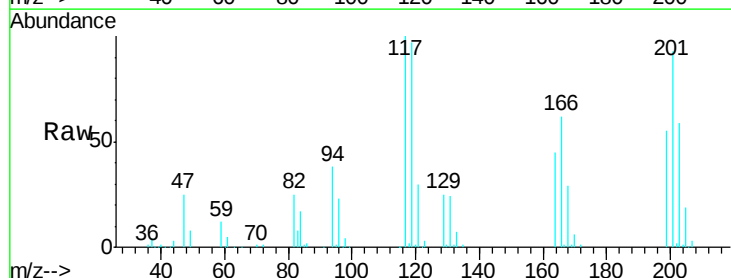
Manual Integrations
 APPROVED

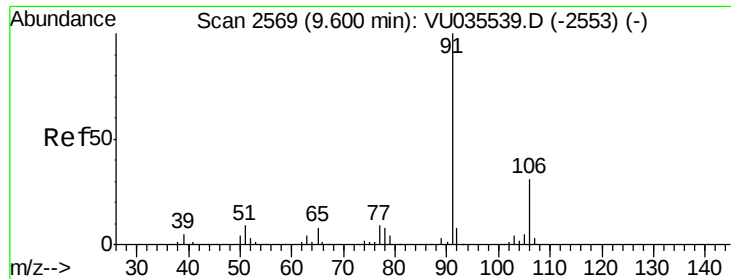
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#62
 Hexachloroethane
 Concen: 5.080 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion:117 Resp: 82653
 Ion Ratio Lower Upper
 117 100
 201 90.4 71.8 107.8





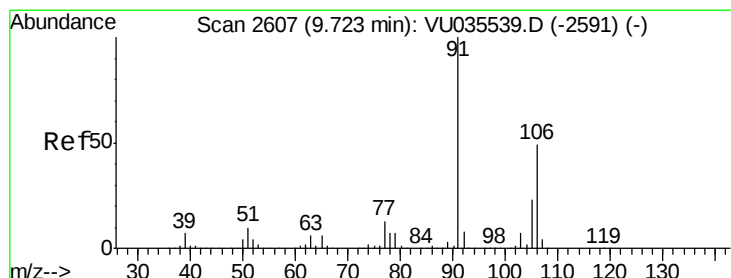
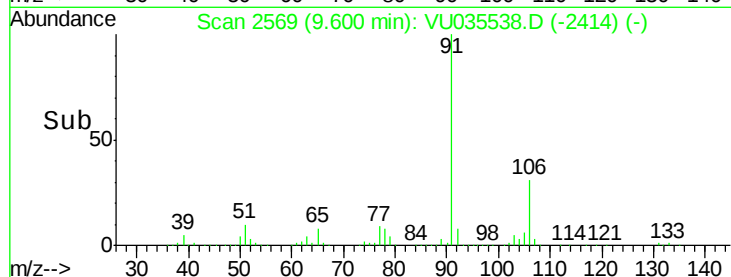
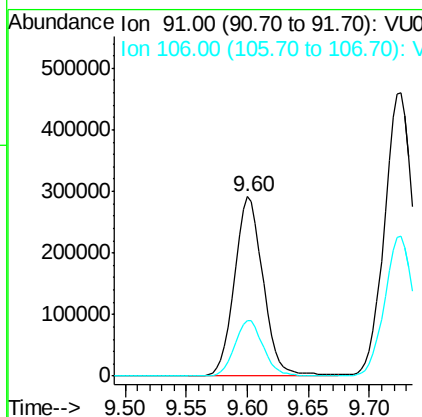
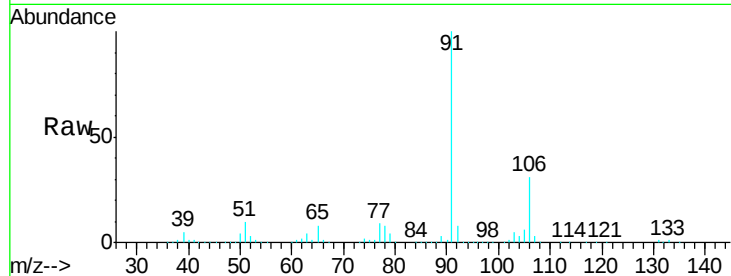
#63
 Ethyl Benzene
 Concen: 4.973 ug/l
 RT: 9.60 min Scan# 2569
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 478569
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.2 37.8

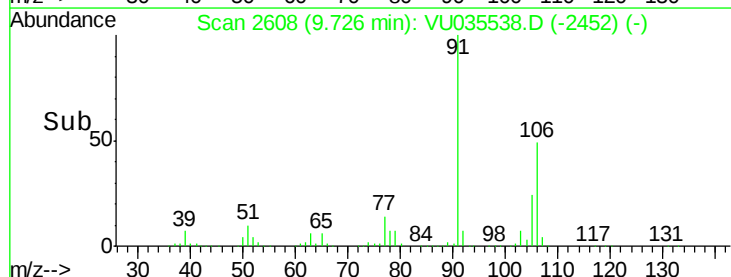
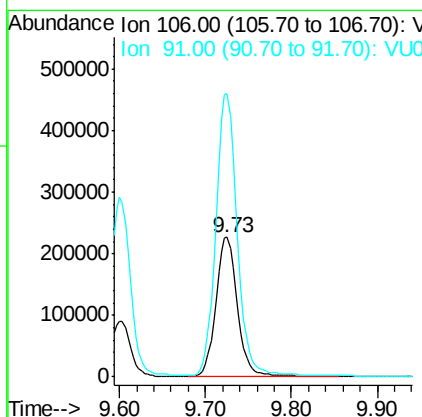
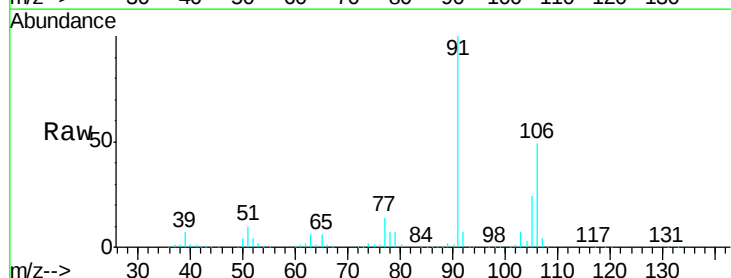
Manual Integrations
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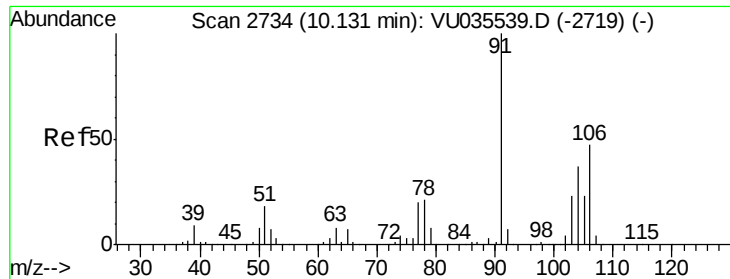
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#64
 m/p-Xylenes
 Concen: 10.154 ug/l
 RT: 9.73 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion: 106 Resp: 394394
 Ion Ratio Lower Upper
 106 100
 91 201.2 81.0 121.4#



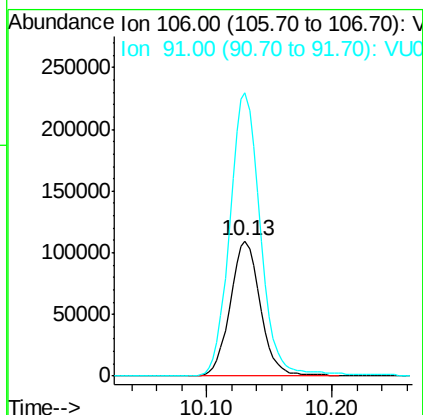
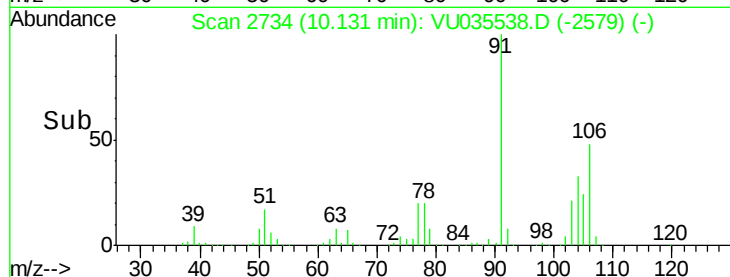
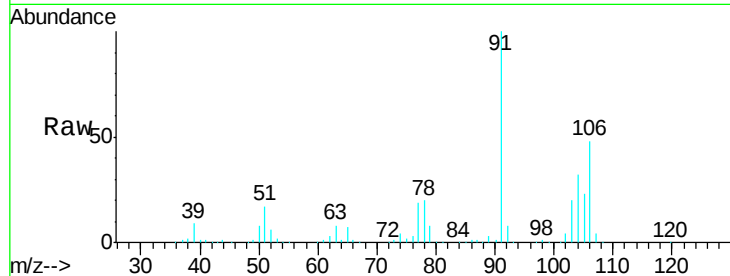


#65
o-Xylene
Concen: 4.955 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

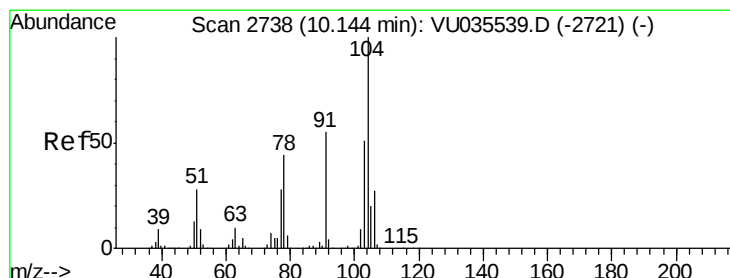
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 183440
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.1

Manual Integrations
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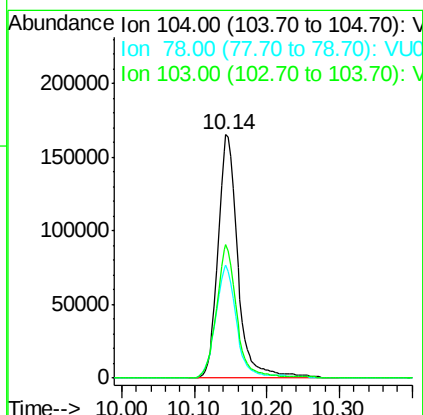
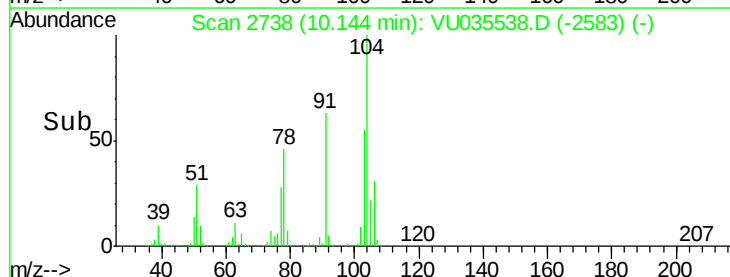
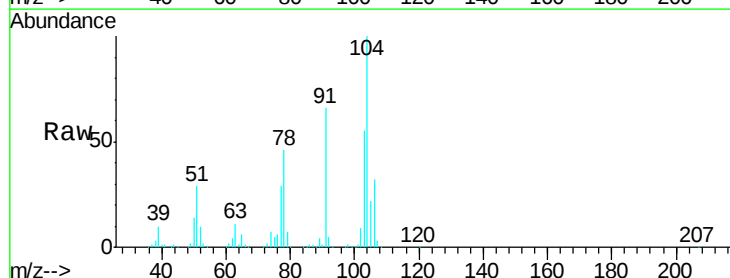


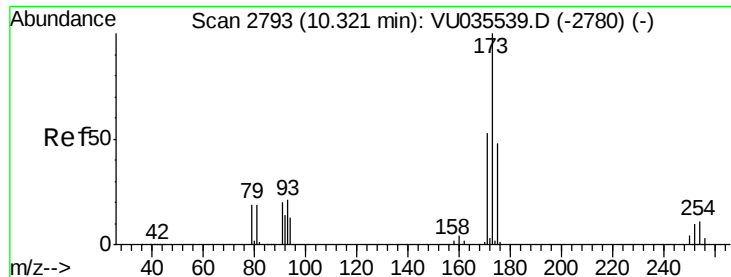
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#66
Styrene
Concen: 5.065 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion:104 Resp: 314348
Ion Ratio Lower Upper
104 100
78 49.4 38.6 58.0
103 55.0 43.6 65.4





#67

Bromoform

Concen: 5.569 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

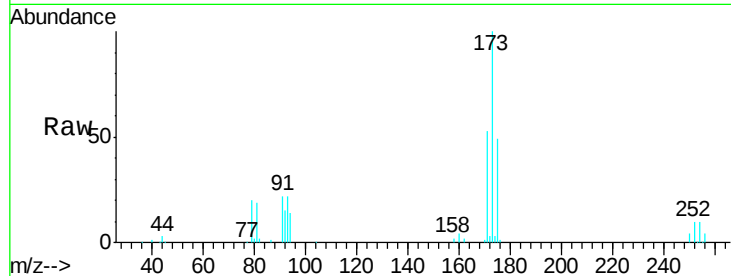
VSTDIC005

Tgt Ion:	173	Resp:	65747
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.7	58.1
254	9.9	8.2	12.2

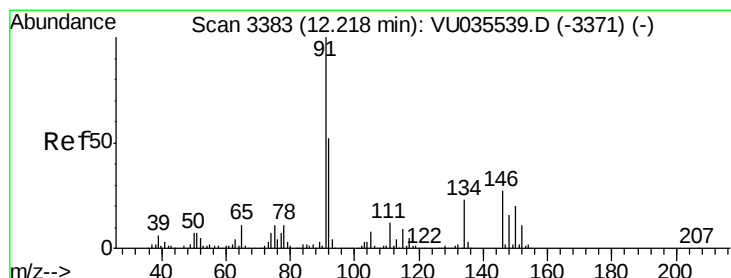
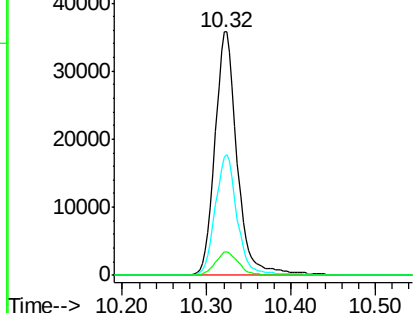
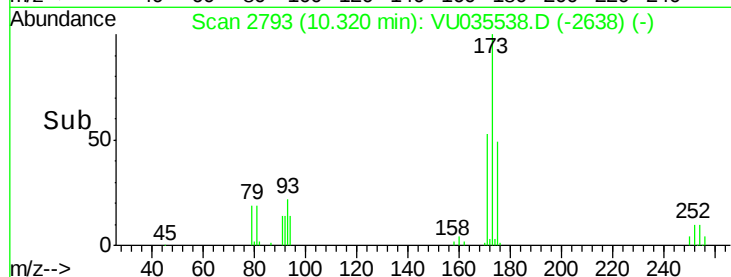
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 0.940 ug/l

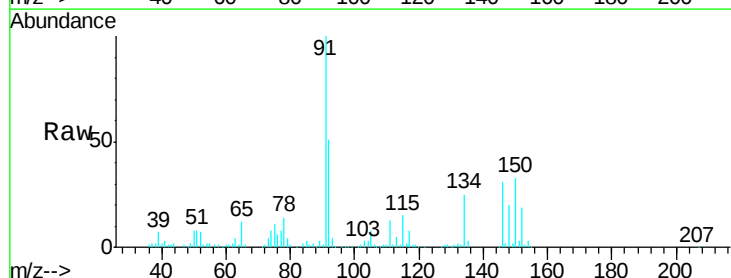
RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

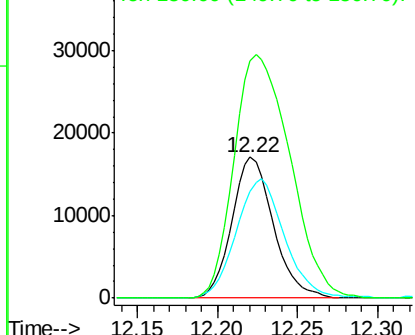
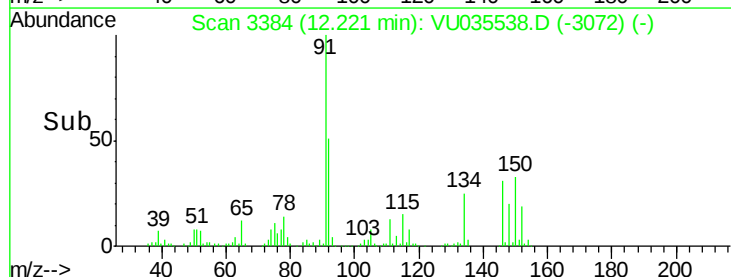
Lab File: VU035538.D

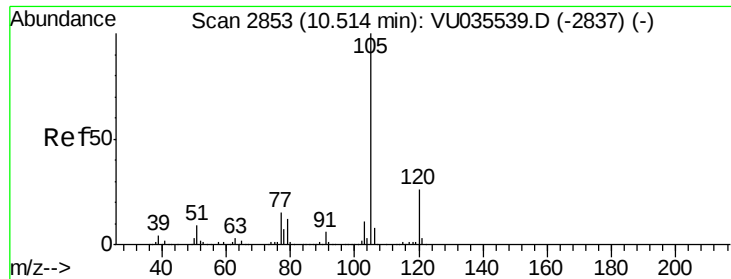
Acq: 29 Oct 2019 12:56

Tgt Ion:	152	Resp:	30140
Ion Ratio	Lower	Upper	
152	100		
115	99.2	0.0	250.6
150	234.9	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: 4.954 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 479029

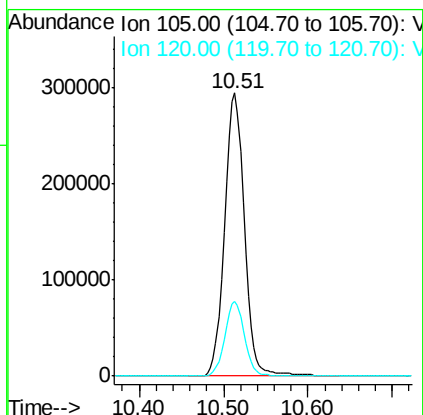
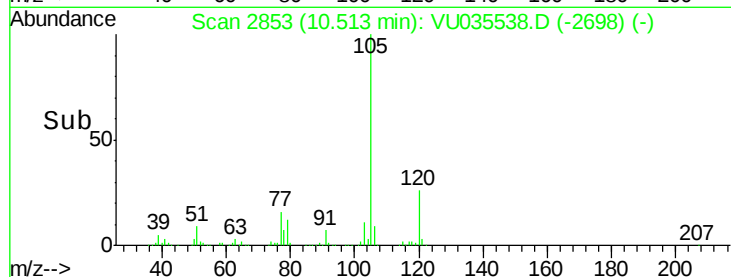
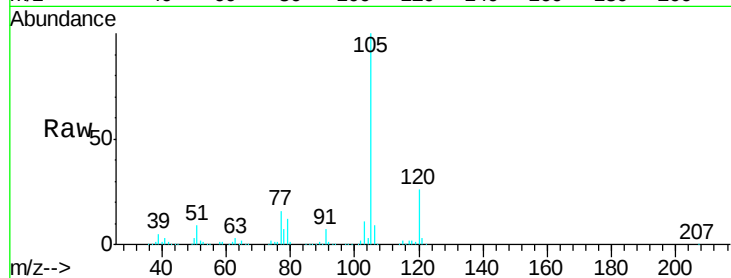
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

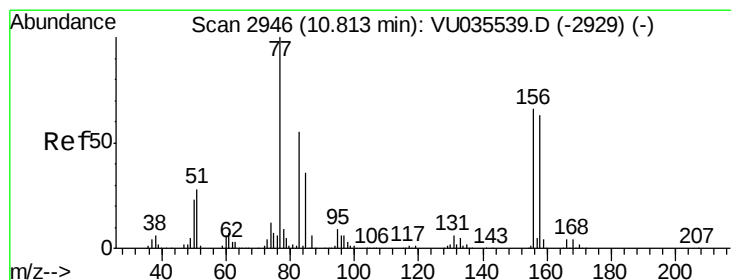
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#70

1,1,2,2-Tetrachloroethane

Concen: 5.356 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

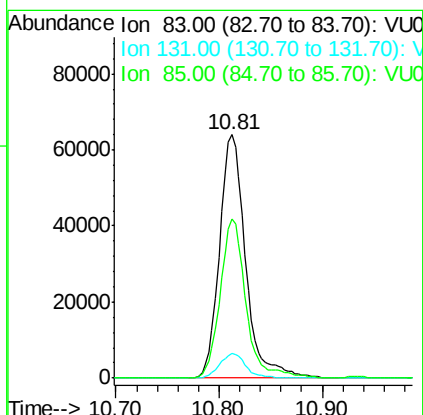
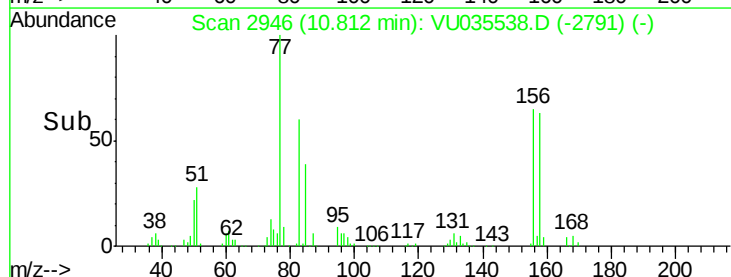
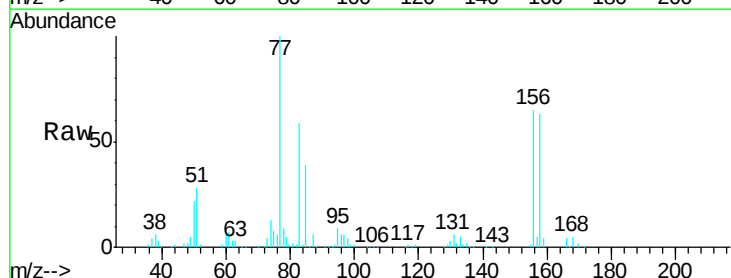
Tgt Ion: 83 Resp: 112818

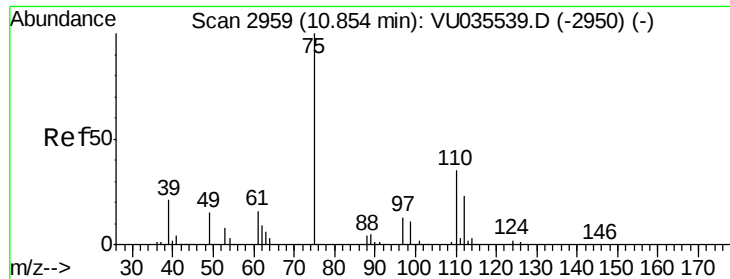
Ion Ratio Lower Upper

83 100

131 10.2 0.0 0.0#

85 64.5 33.5 50.3#





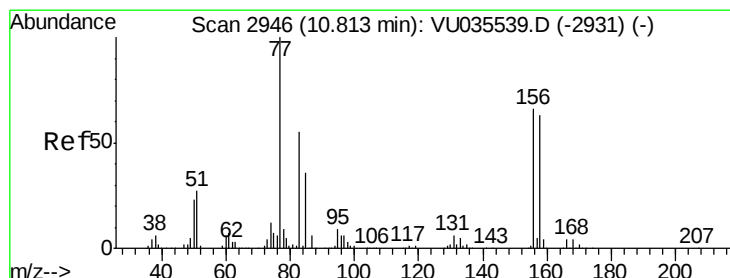
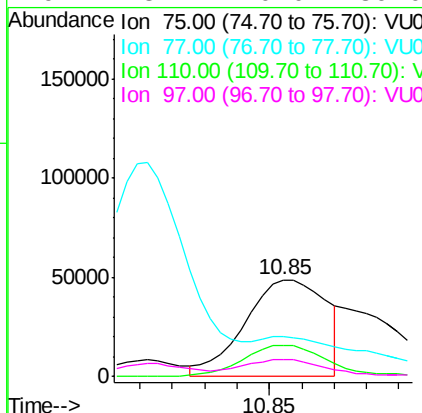
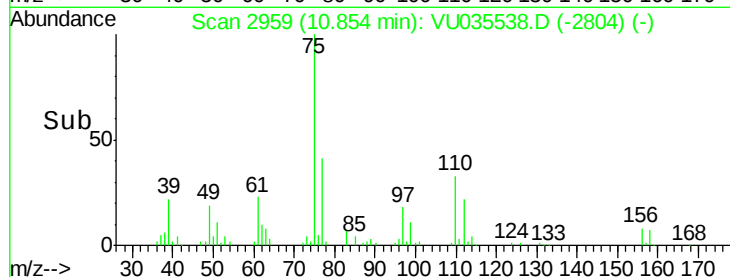
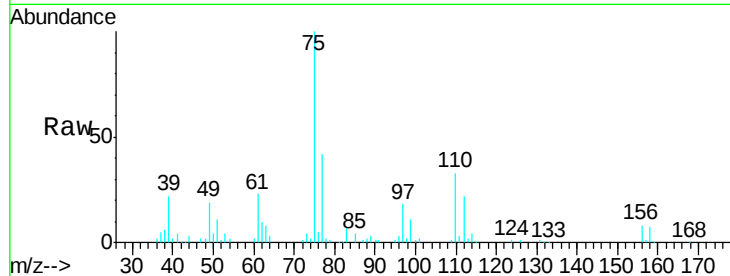
#71
 1,2,3-Trichloropropane
 Concen: 5.817 ug/l m
 RT: 10.85 min Scan# 2959
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	68.6
110	33.3	0.0	77.2
97	18.2	0.0	39.0

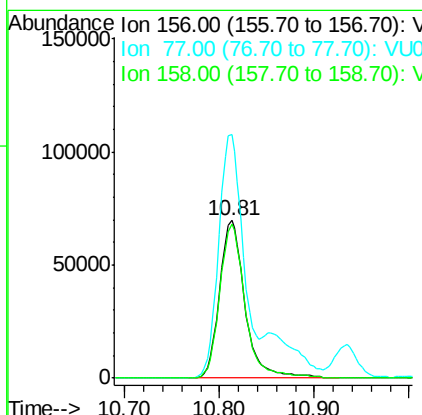
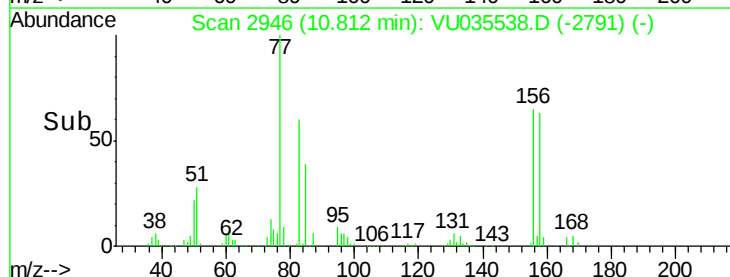
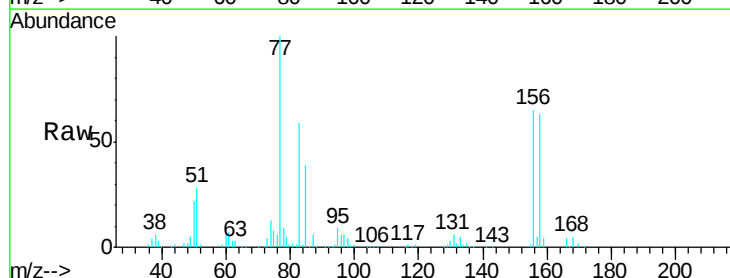
Manual Integrations
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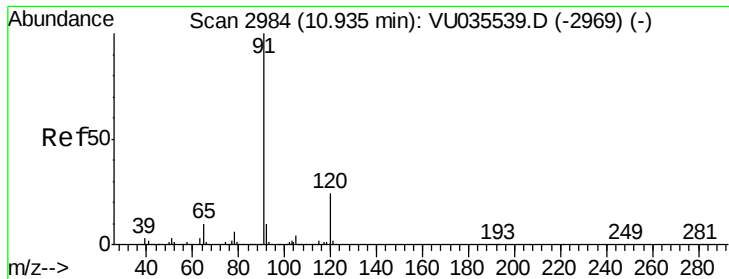
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#72
 Bromobenzene
 Concen: 4.959 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.9	0.0	300.4
158	97.1	0.0	194.4





#73

n-propylbenzene

Concen: 4.984 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:120 Resp: 138970

Ion Ratio Lower Upper

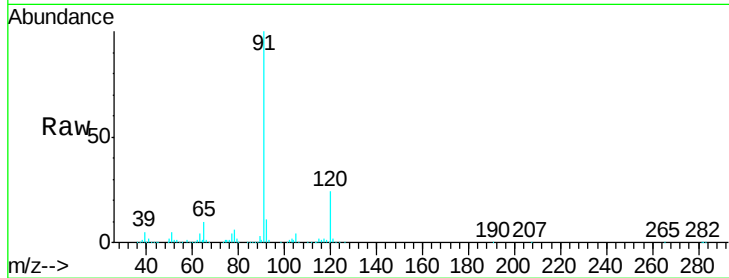
120 100

91 416.4 340.6 510.8

Manual Integrations
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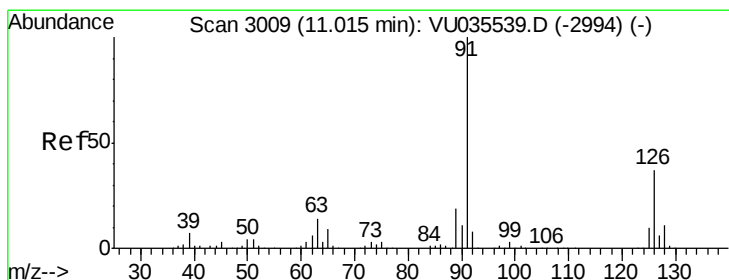
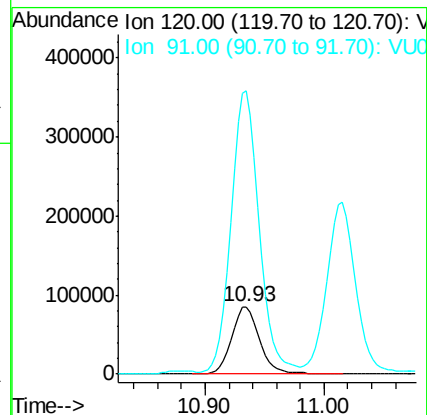
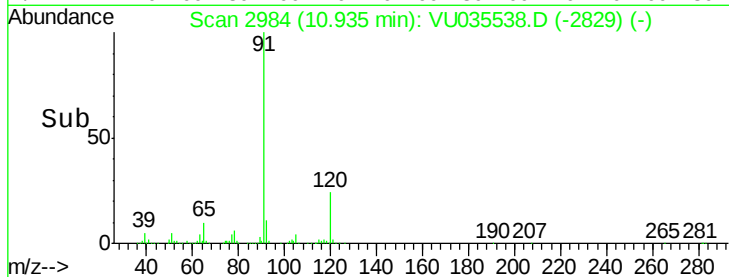
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.027 ug/l

RT: 11.01 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035538.D

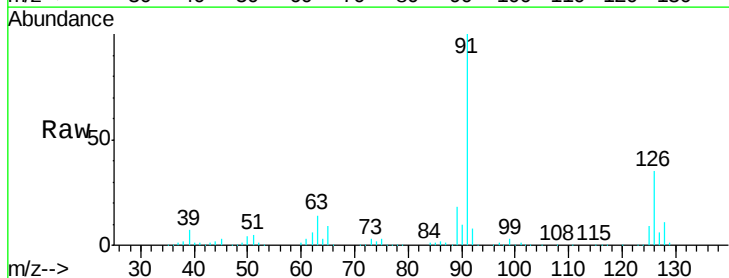
Acq: 29 Oct 2019 12:56

Tgt Ion:126 Resp: 126718

Ion Ratio Lower Upper

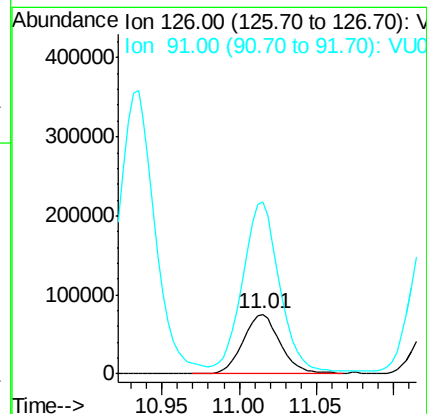
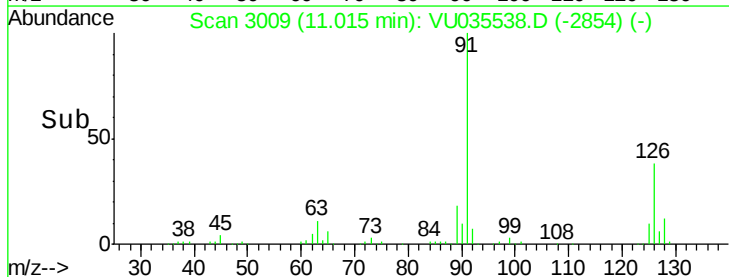
126 100

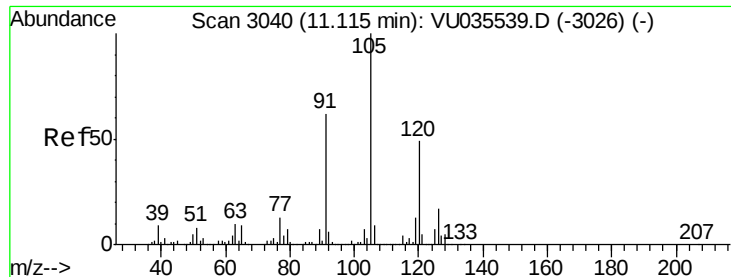
91 286.8 0.0 574.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 4.748 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

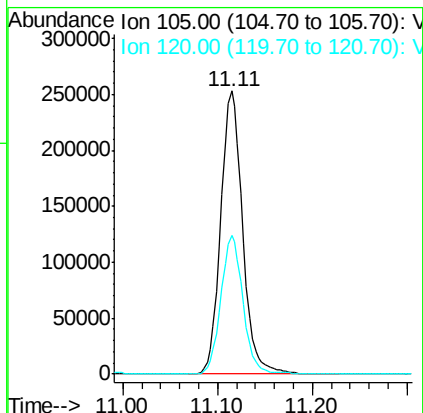
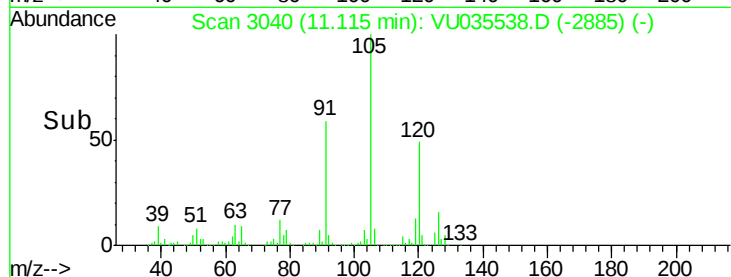
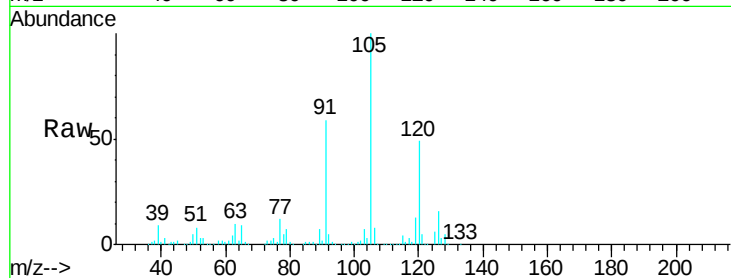
Tgt Ion:105 Resp: 407065

Ion Ratio Lower Upper

105 100

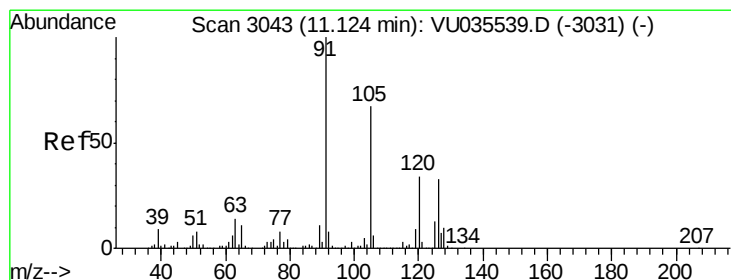
120 49.5 39.4 59.2

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#76

4-Chlorotoluene

Concen: 5.047 ug/l

RT: 11.13 min Scan# 3044

Delta R.T. 0.00 min

Lab File: VU035538.D

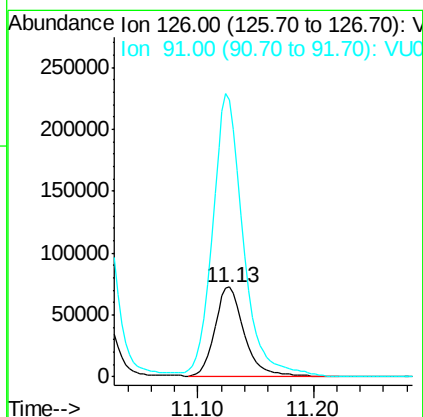
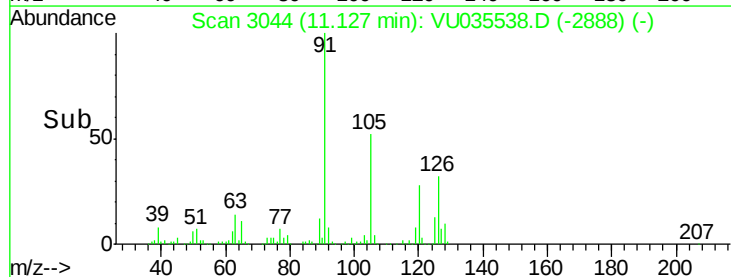
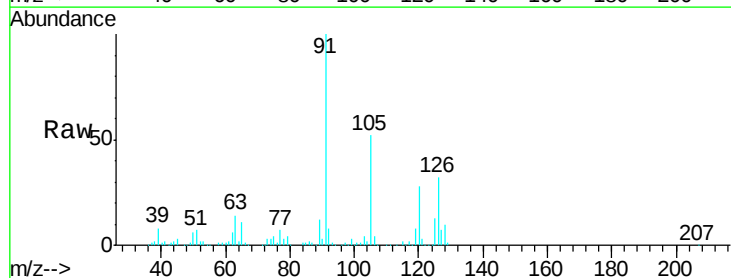
Acq: 29 Oct 2019 12:56

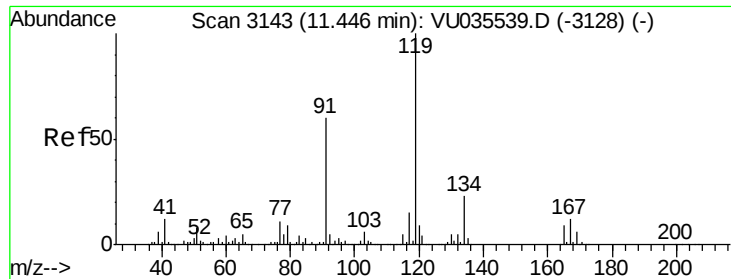
Tgt Ion:126 Resp: 129778

Ion Ratio Lower Upper

126 100

91 324.8 0.0 637.0





#77

tert-Butylbenzene

Concen: 4.804 ug/l

RT: 11.45 min Scan# 3143

Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Instrument :

MSVOA_U

ClientSampled :

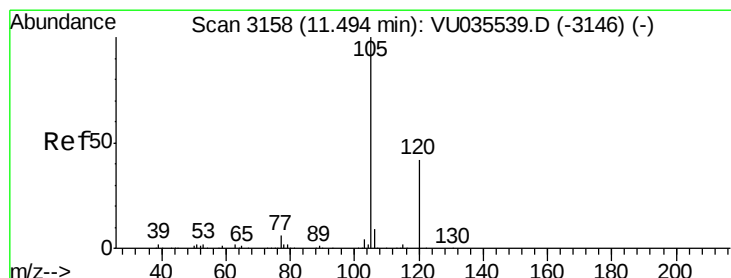
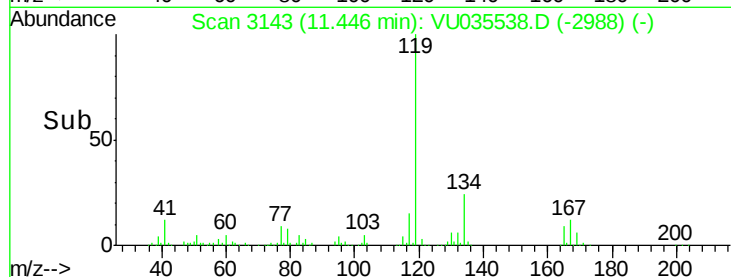
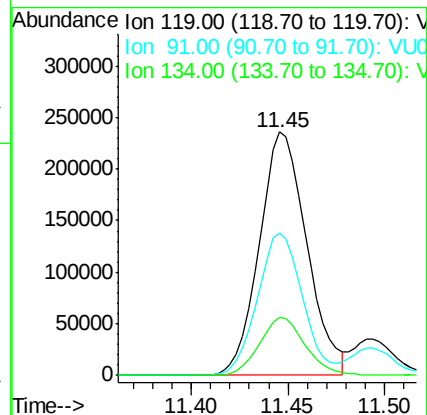
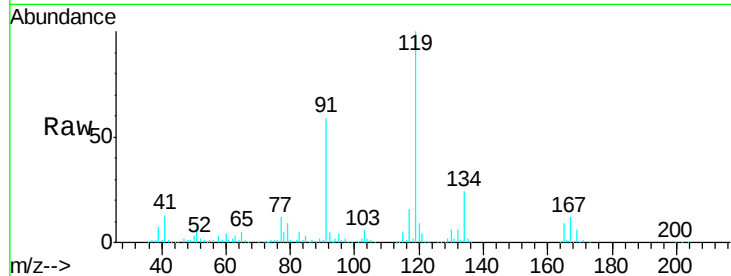
VSTDIC005

Tgt Ion:	119	Resp:	402359
Ion Ratio	Lower	Upper	
119	100		
91	55.6	27.9	83.7
134	23.1	18.3	27.5

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#78

1,2,4-Trimethylbenzene

Concen: 4.760 ug/l

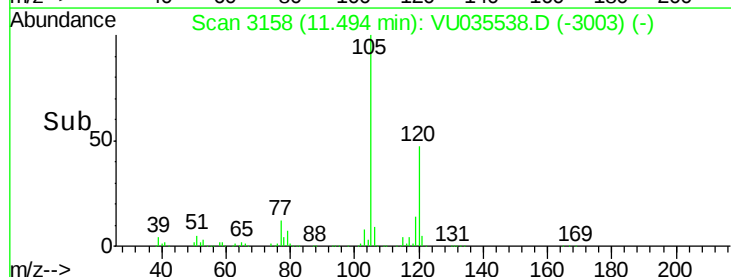
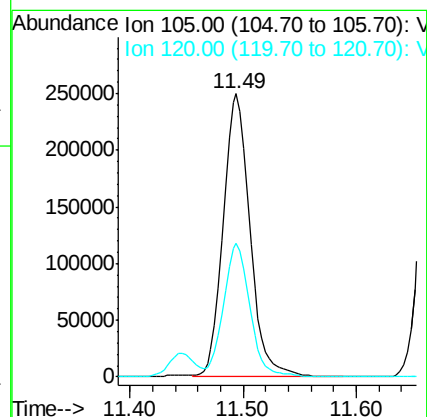
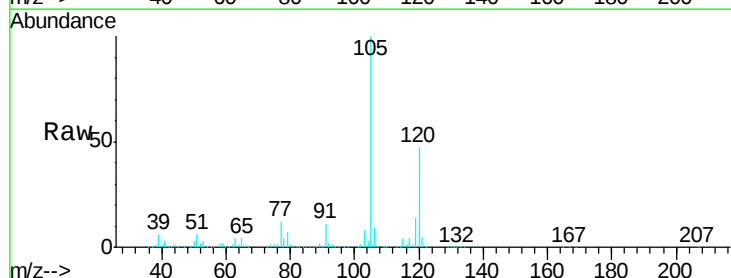
RT: 11.49 min Scan# 3158

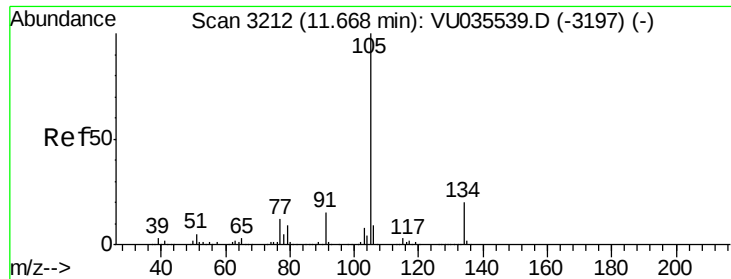
Delta R.T. -0.00 min

Lab File: VU035538.D

Acq: 29 Oct 2019 12:56

Tgt Ion:	105	Resp:	412182
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.5





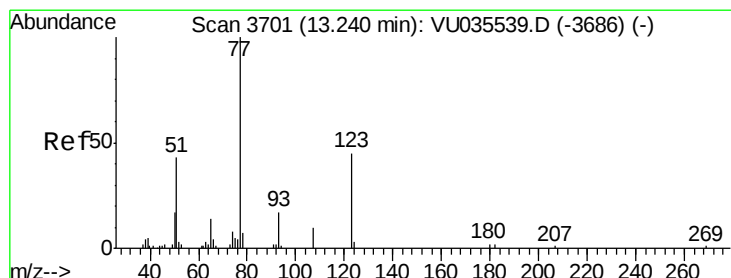
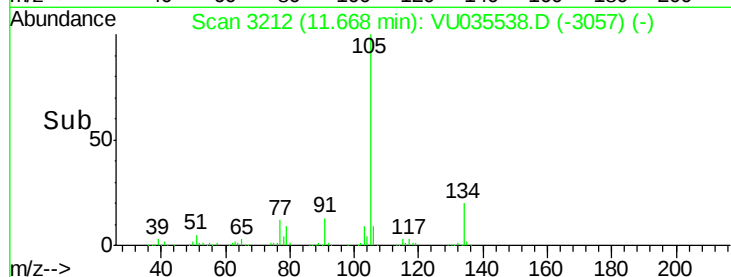
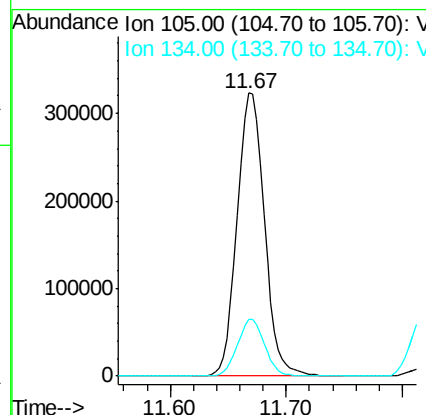
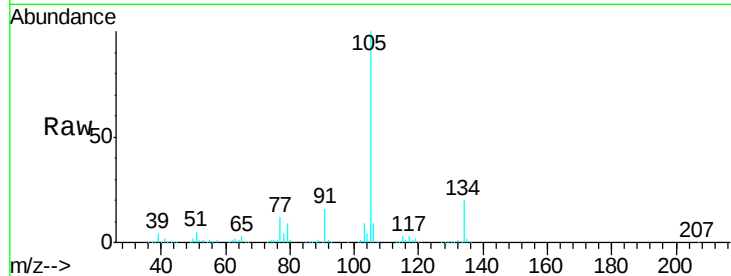
#79
 sec-Butylbenzene
 Concen: 4.697 ug/l
 RT: 11.67 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	15.9	23.9

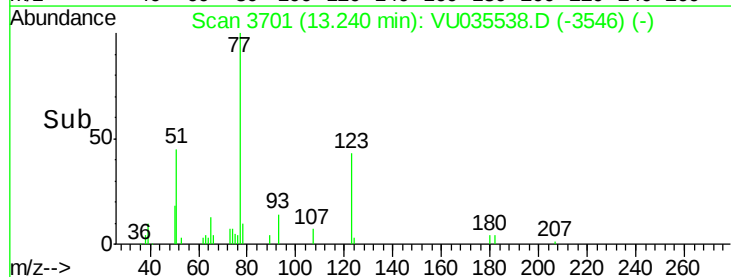
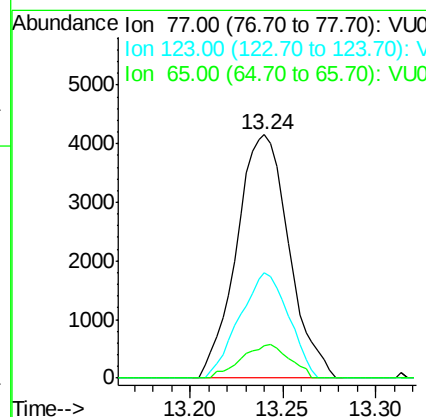
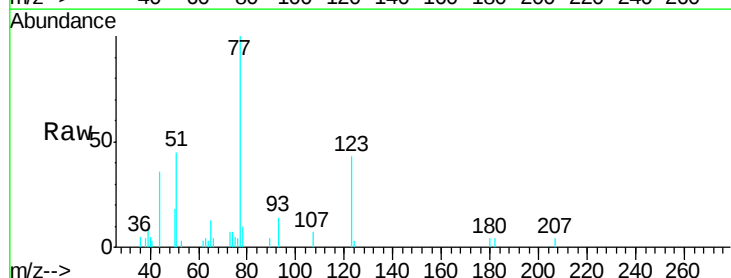
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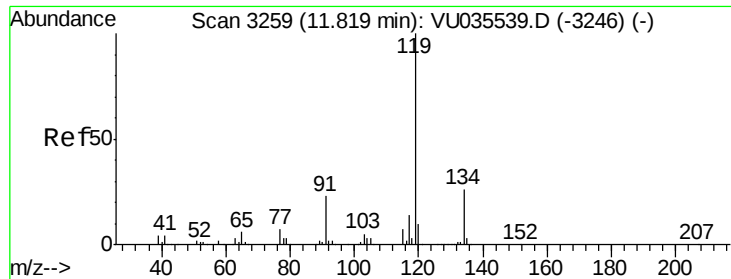
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#80
 Nitrobenzene
 Concen: 18.873 ug/l
 RT: 13.24 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	18.9	67.1
65	12.7	11.2	14.2





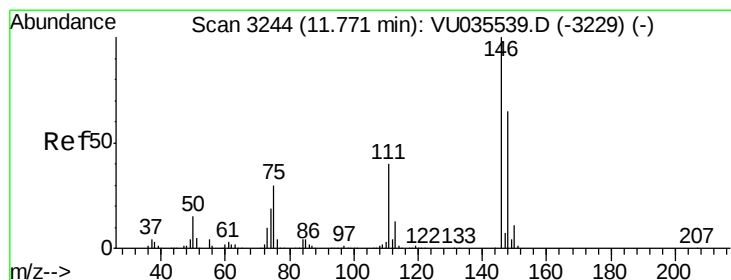
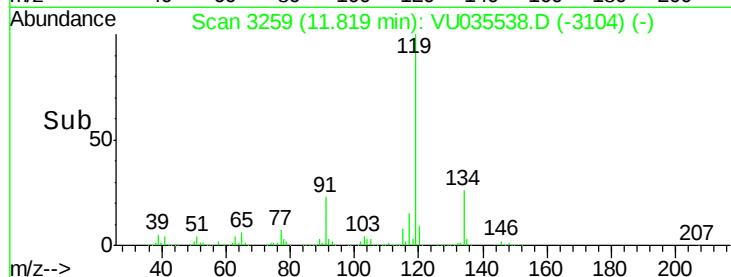
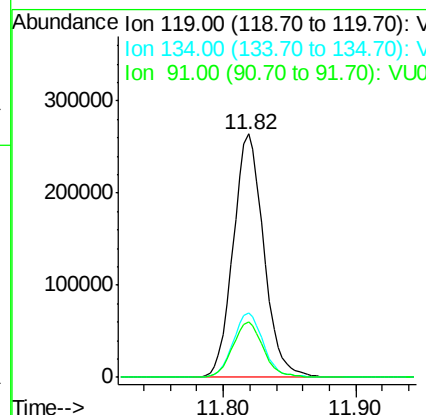
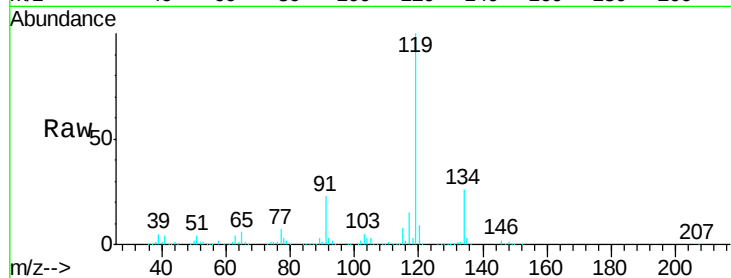
#81
p-Isopropyltoluene
Concen: 4.550 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	17.0	25.4#
91	22.7	41.3	61.9#

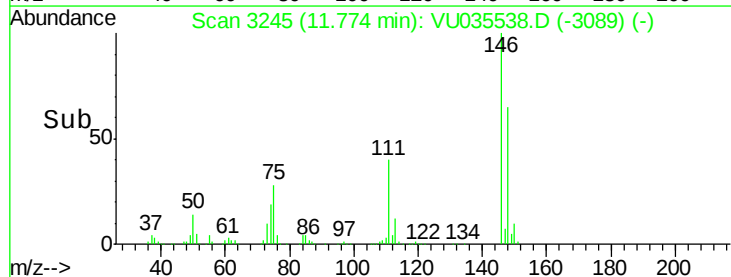
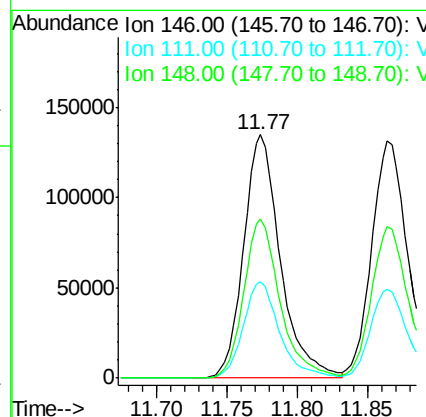
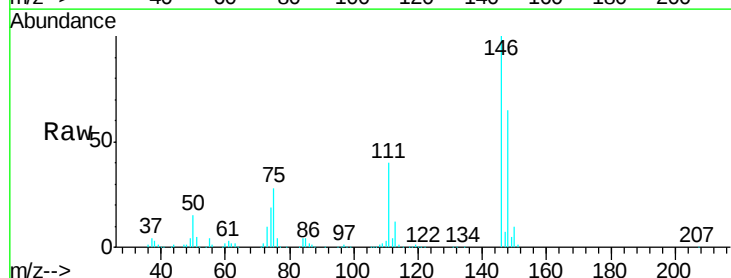
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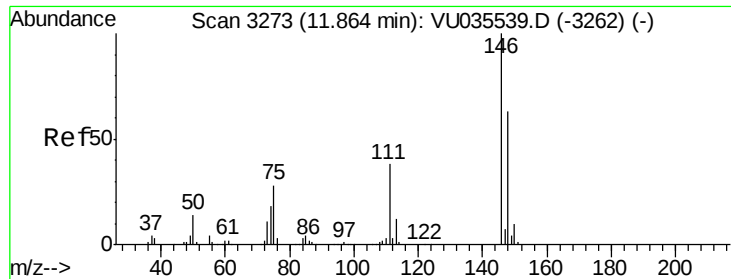
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#82
1,3-Dichlorobenzene
Concen: 4.547 ug/l
RT: 11.77 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	31.8	47.6
148	64.4	50.9	76.3





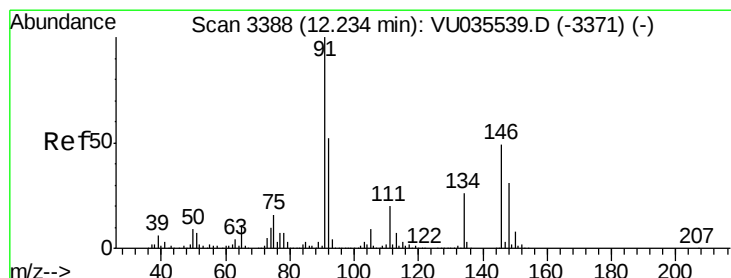
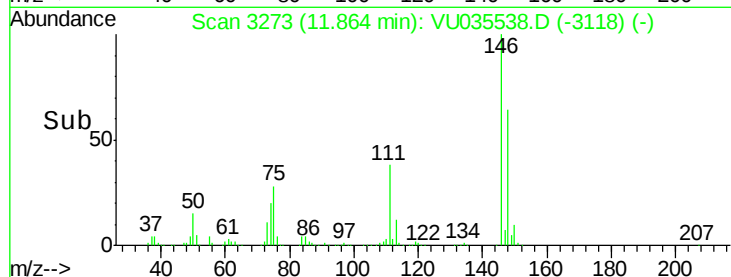
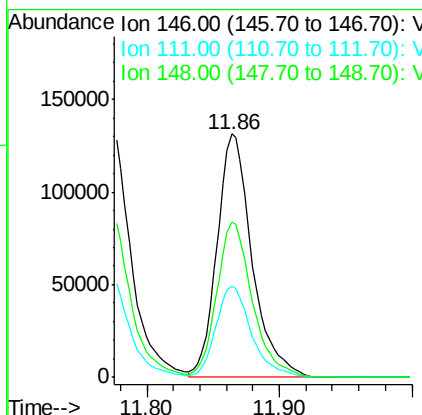
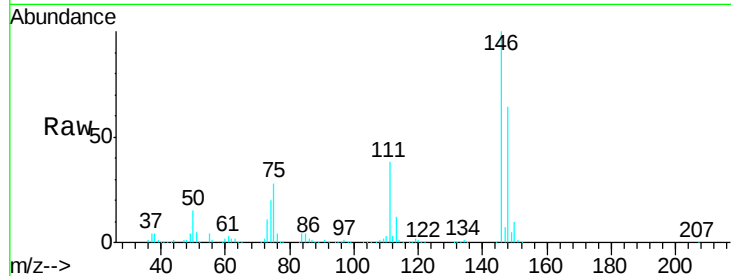
#83
 1,4-Dichlorobenzene
 Concen: 4.485 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	30.1	45.1
148	64.9	51.0	76.4

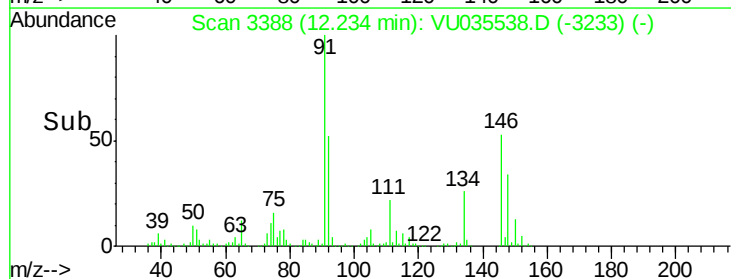
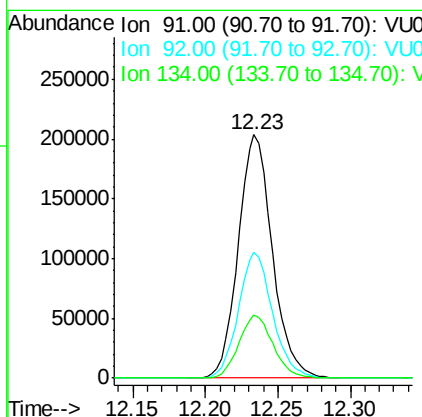
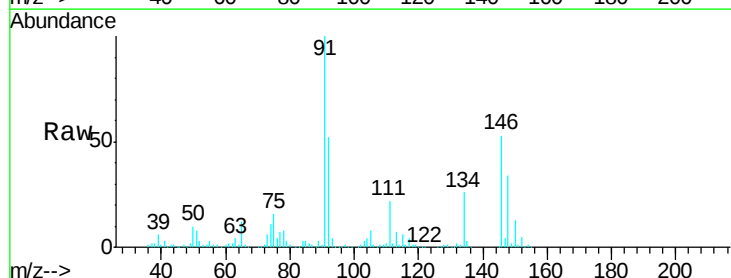
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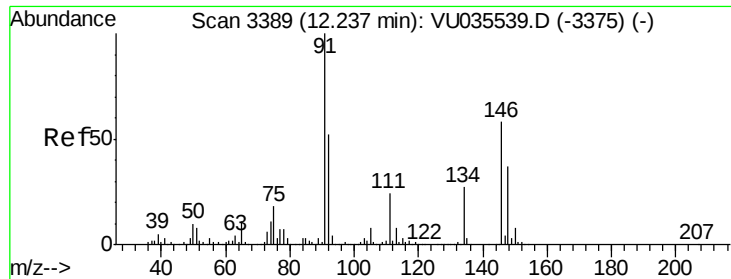
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#84
 n-Butylbenzene
 Concen: 3.930 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	41.4	62.0
134	25.8	20.6	30.8





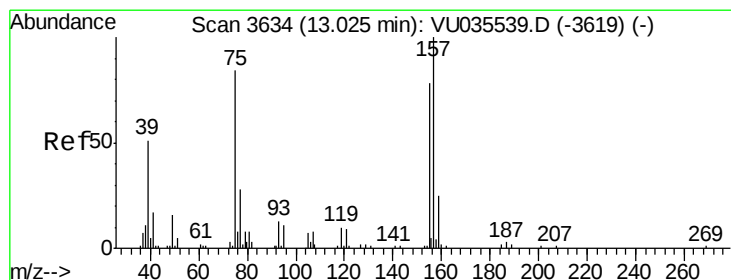
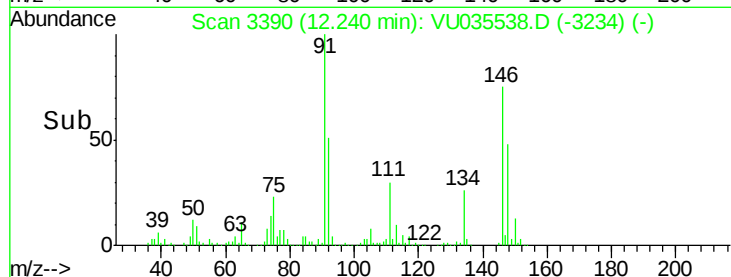
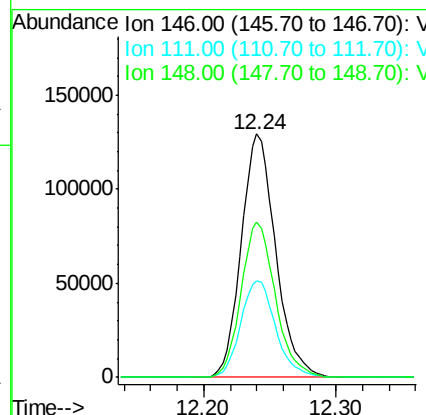
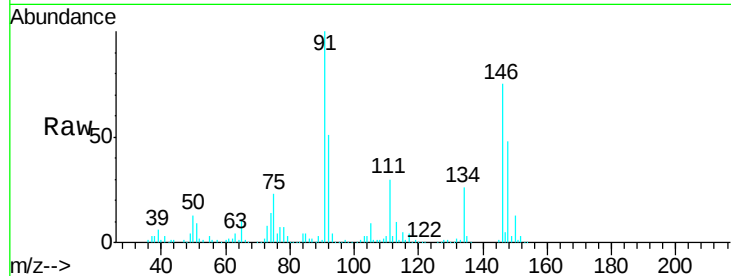
#85
 1,2-Dichlorobenzene
 Concen: 4.711 ug/l
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232926		
111	40.3	20.5	61.5	
148	63.4	32.0	96.2	

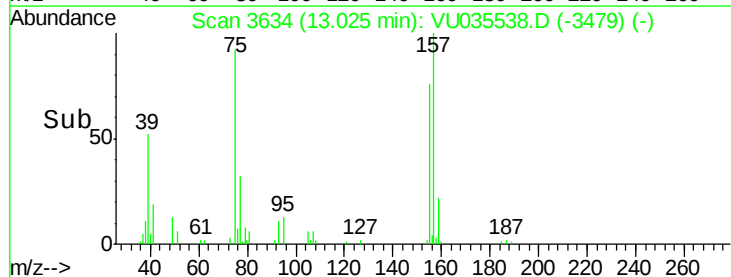
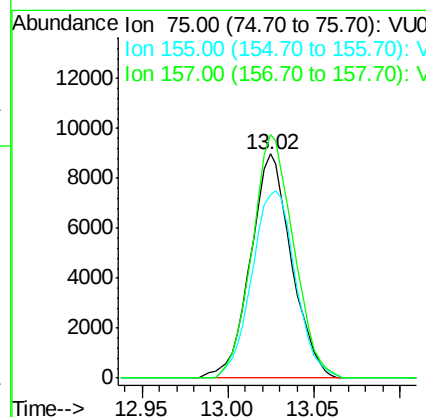
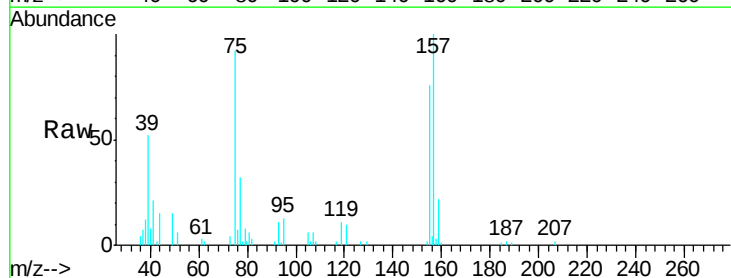
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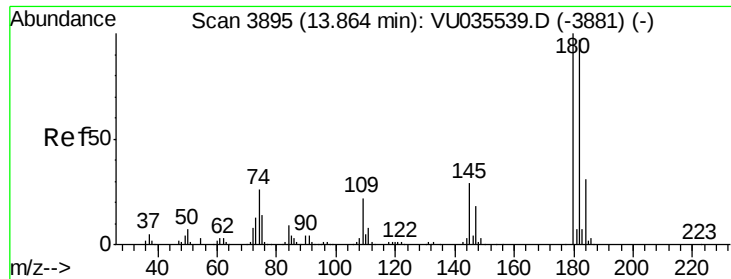
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.353 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14857		
155	88.5	71.3	106.9	
157	110.0	91.2	136.8	





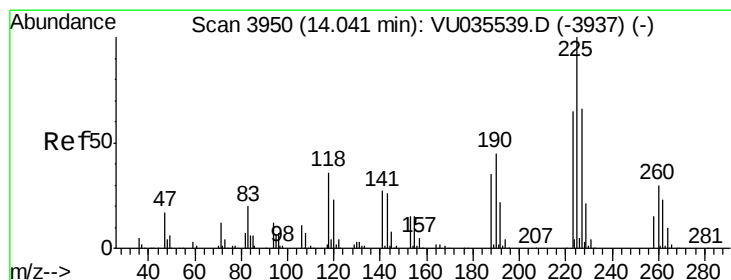
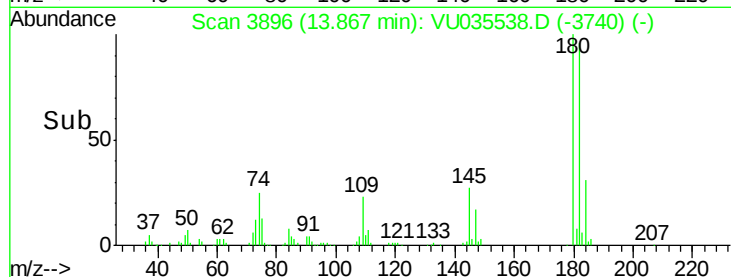
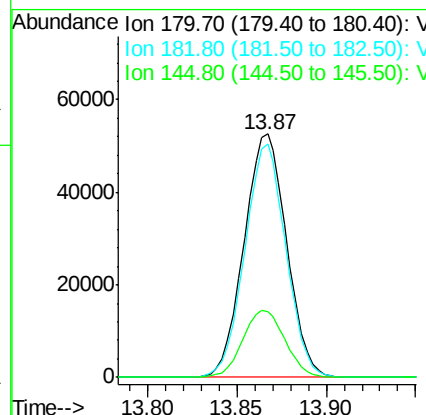
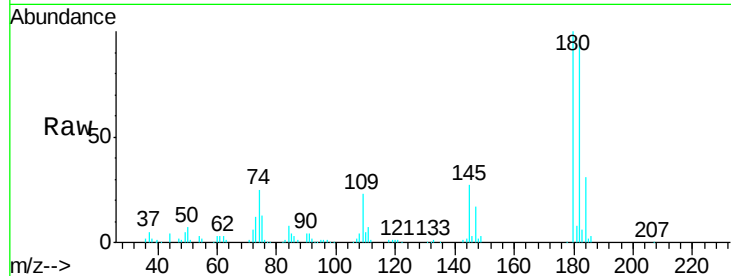
#87
 1,2,4-Trichlorobenzene
 Concen: 3.253 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.4	116.0
145	27.3	22.6	33.8

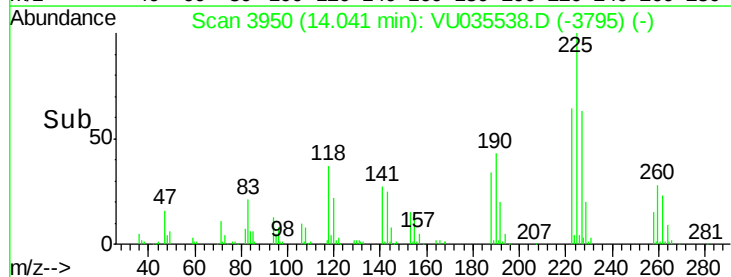
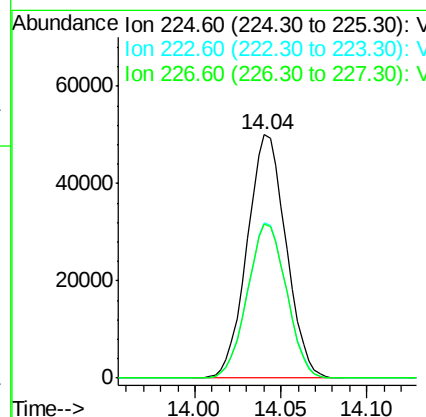
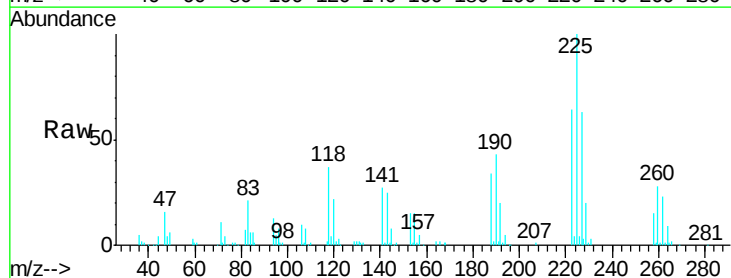
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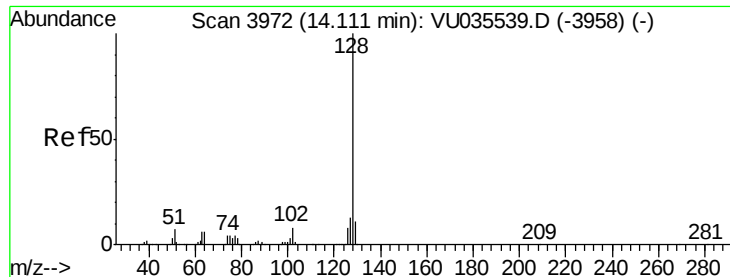
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#88
 Hexachlorobutadiene
 Concen: 3.735 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035538.D
 Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	63.3	52.2	78.4





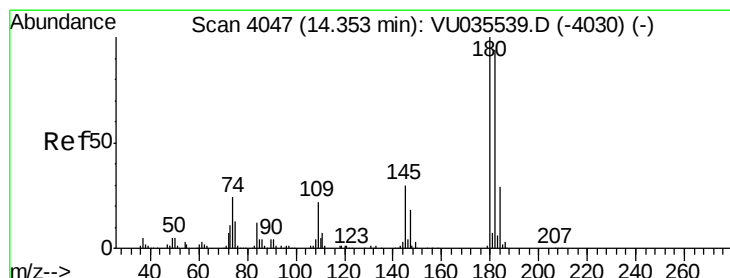
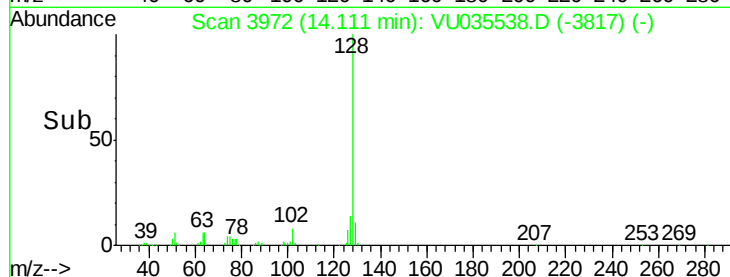
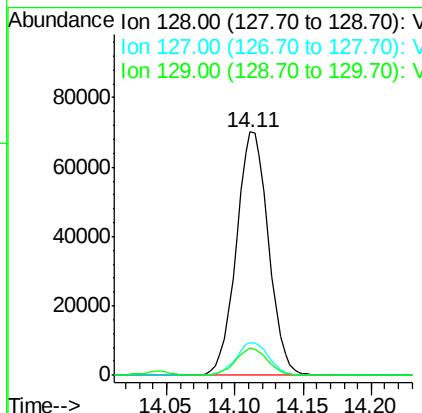
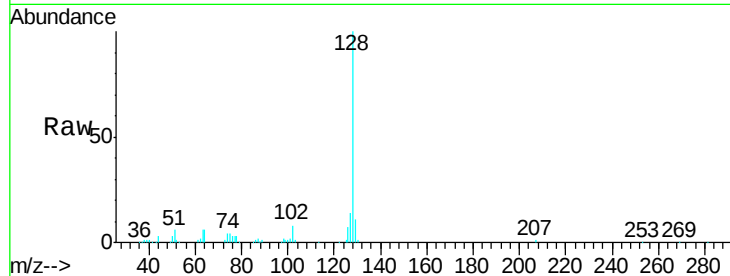
#89
Naphthalene
Concen: 3.249 ug/l
RT: 14.11 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	114389		
127	13.7	10.3	15.5	
129	11.0	8.6	13.0	

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#90
1,2,3-Trichlorobenzene
Concen: 3.582 ug/l
RT: 14.36 min Scan# 4048
Delta R.T. 0.00 min
Lab File: VU035538.D
Acq: 29 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89807		
182	95.6	75.8	113.8	
145	29.1	23.7	35.5	

