

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0103019\
 Data File : VU035549.D
 Acq On : 30 Oct 2019 08:17
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:09:11 PM

Quant Time: Oct 31 01:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	78495	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	34126	1.21	ug/l	0.00
Spiked Amount 1.000			Recovery	=	121.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	31171	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.40	85	287081	9.338	ug/l	98
3) Chloromethane	1.54	50	309710	8.221	ug/l	98
4) Vinyl Chloride	1.62	62	315180	9.441	ug/l	100
5) Bromomethane	1.88	94	167690	9.881	ug/l	97
6) Chloroethane	1.95	64	179061	9.331	ug/l	99
7) Trichlorofluoromethane	2.16	101	394149	9.556	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	212681	9.514	ug/l	99
9) 1,1-Dichloroethene	2.61	96	200998	9.317	ug/l	99
10) Iodomethane	2.75	142	160988	10.653	ug/l	98
11) Allyl Chloride	2.96	41	343614	9.481	ug/l	99
12) Acrylonitrile	3.37	53	103649m	19.141	ug/l	
13) Acetone	2.67	43	252824	48.104	ug/l	99
14) Carbon Disulfide	2.82	76	706108	9.258	ug/l	100
15) Methylene Chloride	3.08	84	240925	8.686	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	221079	9.319	ug/l	99
17) 1,1-Dichloroethane	3.92	63	424584	9.554	ug/l	100
18) 2-Butanone	4.78	43	339680	49.865	ug/l	99
19) Cyclohexane	5.43	56	354996m	10.080	ug/l	
20) Methylcyclohexane	6.80	83	369941	10.240	ug/l	100
21) 2,2-Dichloropropane	4.71	77	363272	9.472	ug/l	100
22) cis-1,2-Dichloroethene	4.72	96	248575	9.791	ug/l	97
23) Diethyl Ether	2.41	59	172290	9.685	ug/l	98
24) tert-Butyl Alcohol	3.25	59	181154	91.373	ug/l	99
25) Methyl tert-Butyl Ether	3.42	73	557742	9.643	ug/l	100
26) Bromochloromethane	5.02	128	108491	9.570	ug/l	99
27) Chloroform	5.14	83	424142	8.933	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	354777	9.431	ug/l	99
29) 1,1-Dichloropropene	5.57	75	320913	10.173	ug/l	98
30) Carbon Tetrachloride	5.57	117	321784	9.617	ug/l	99
31) Isopropyl Ether	4.06	45	621264	10.010	ug/l	99
32) Ethyl-t-butyl ether	4.57	59	589257	10.255	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	517627	10.475	ug/l	100
34) Propionitrile	4.84	54	95817	48.564	ug/l	98
35) Benzene	5.82	78	937654	9.741	ug/l	99
36) 1,2-Dichloroethane	5.84	62	261751	9.491	ug/l	99
37) Trichloroethene	6.58	130	256324	9.586	ug/l	100
38) 1,2-Dichloropropane	6.83	63	253797	9.615	ug/l	99
39) Methacrylonitrile	5.04	41	73918	9.978	ug/l	97
40) Methyl acrylate	4.91	55	124834	11.067	ug/l	99
41) Tetrahydrofuran	5.13	42	74836	19.649	ug/l #	41
42) 1-Chlorobutane	5.50	56	438900	10.113	ug/l	100

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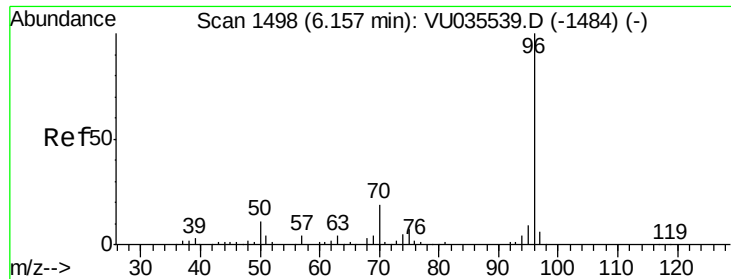
Manual Integrations
 APPROVED

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 10/31/2019 4:09:11 PM

Quant Time: Oct 31 01:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	125367	9.508	ug/l	97
44) Bromodichloromethane	7.15	83	310626	9.454	ug/l	100
45) 4-Methyl-2-Pentanone	7.84	43	739103	52.564	ug/l	99
46) t-1,4-Dichloro-2-butene	10.87	75	120081m	23.498	ug/l	
47) Methyl methacrylate	7.01	69	227855	20.865	ug/l	98
48) Ethyl methacrylate	8.38	69	209693	10.989	ug/l	98
49) Toluene	8.00	92	583219	10.535	ug/l	98
50) t-1,3-Dichloropropene	8.25	75	298116	10.246	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	347851	10.077	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	177994	9.632	ug/l	98
53) 1,3-Dichloropropane	8.61	76	314678	10.048	ug/l	99
54) 2-Hexanone	8.73	43	541324	54.175	ug/l	98
55) Dibromochloromethane	8.84	129	223759	9.917	ug/l	100
56) 1,2-Dibromoethane	8.96	107	173210	10.246	ug/l	98
58) Tetrachloroethene	8.58	164	242322	9.886	ug/l	97
59) Chlorobenzene	9.48	112	659160	10.326	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	238969	9.737	ug/l	100
61) Pentachloroethane	11.46	117	193105	9.656	ug/l	99
62) Hexachloroethane	12.50	117	177971	9.741	ug/l	100
63) Ethyl Benzene	9.60	91	1093844	11.034	ug/l	99
64) m/p-Xylenes	9.72	106	880065	22.483	ug/l #	1
65) o-Xylene	10.13	106	416016	11.000	ug/l	97
66) Styrene	10.14	104	715990	11.436	ug/l	100
67) Bromoform	10.32	173	142699	10.194	ug/l	98
69) Isopropylbenzene	10.51	105	1077969	10.931	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.81	83	238476	9.679	ug/l #	65
71) 1,2,3-Trichloropropane	10.85	75	172549m	9.325	ug/l	
72) Bromobenzene	10.81	156	280603	10.213	ug/l	97
73) n-propylbenzene	10.93	120	313842	11.396	ug/l	99
74) 2-Chlorotoluene	11.01	126	276004	10.689	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	910751	11.208	ug/l	99
76) 4-Chlorotoluene	11.12	126	286133	10.910	ug/l	99
77) tert-Butylbenzene	11.45	119	907352	10.888	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	923418	11.229	ug/l	100
79) sec-Butylbenzene	11.67	105	1172668	11.000	ug/l	99
80) Nitrobenzene	13.24	77	20353	24.650	ug/l	99
81) p-Isopropyltoluene	11.82	119	966298	11.329	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	539356	10.307	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	531928	10.599	ug/l	100
84) n-Butylbenzene	12.23	91	792507	11.321	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	503056	10.208	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	32132	10.241	ug/l	99
87) 1,2,4-Trichlorobenzene	13.86	180	205108	9.081	ug/l	99
88) Hexachlorobutadiene	14.04	225	163797	8.924	ug/l	99
89) Naphthalene	14.11	128	297606	8.918	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	206151	9.288	ug/l	99

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



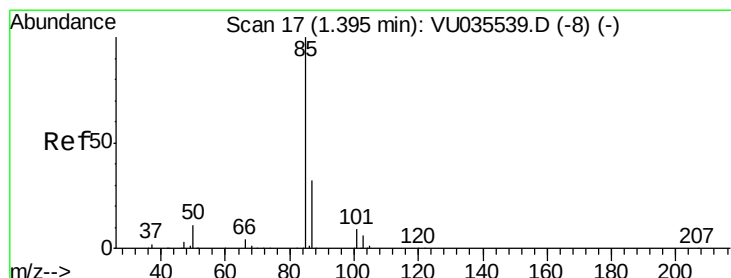
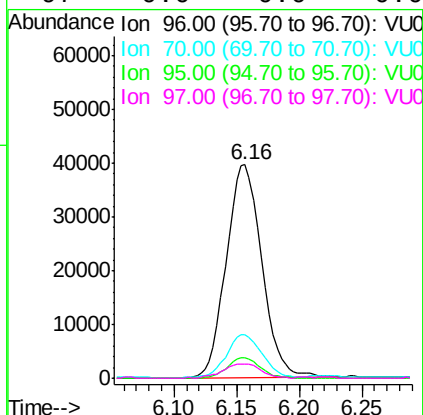
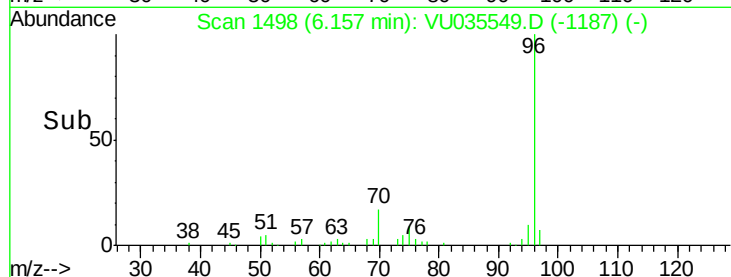
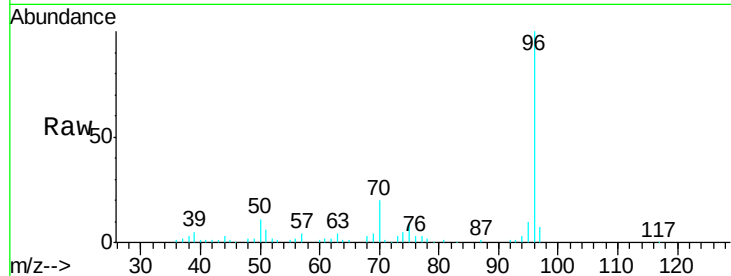
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.16 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.9	15.8	23.8
95	9.0	7.4	11.2
97	0.0	0.0	0.0

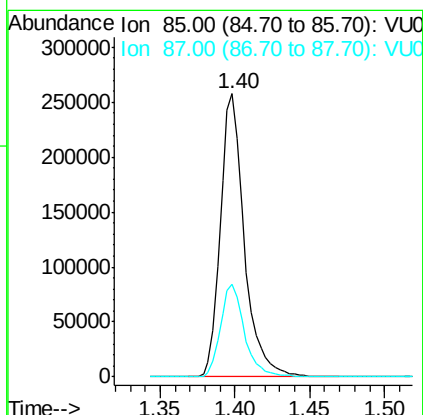
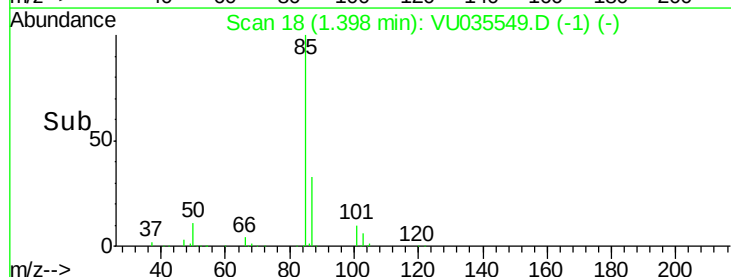
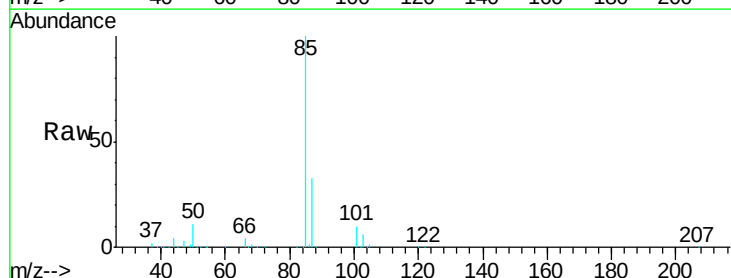
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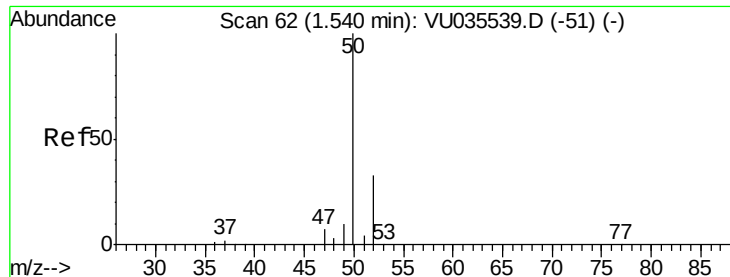
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#2
Dichlorodifluoromethane
Concen: 9.338 ug/l
RT: 1.40 min Scan# 18
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.8	47.4





#3

Chloromethane

Concen: 8.221 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 50 Resp: 309710

Ion Ratio Lower Upper

50 100

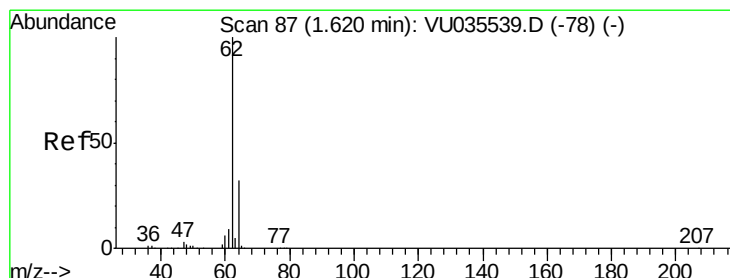
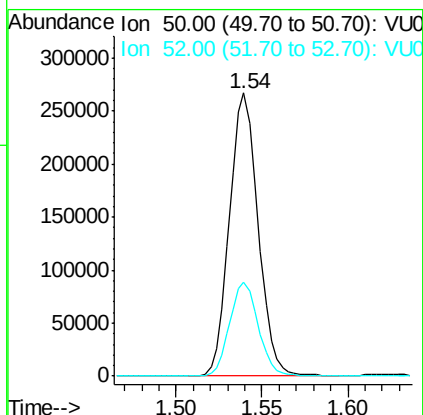
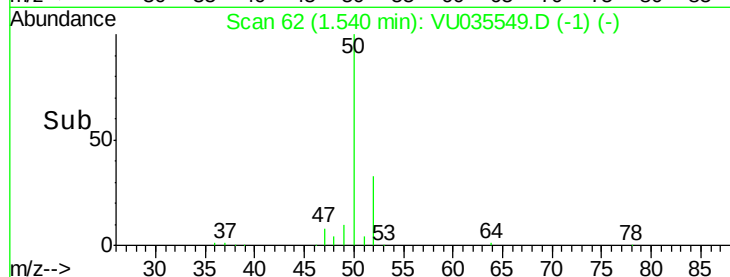
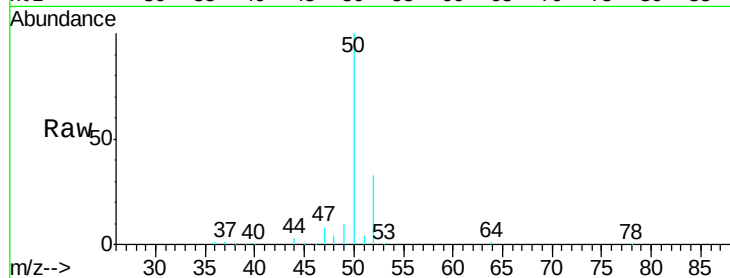
52 33.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.441 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035549.D

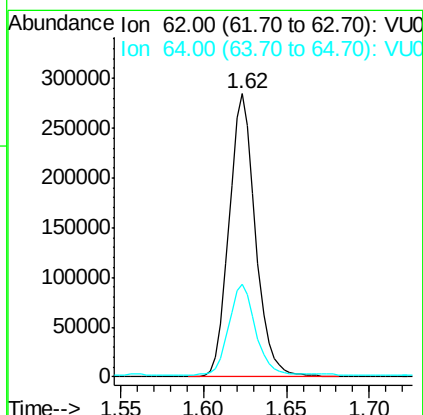
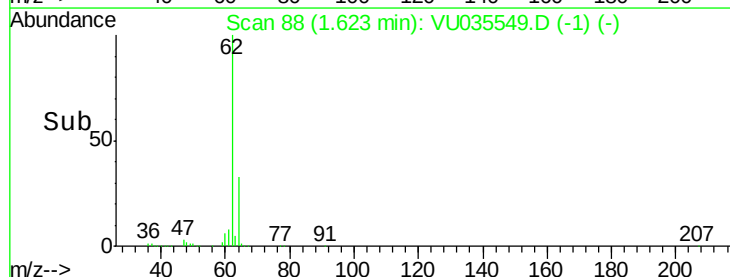
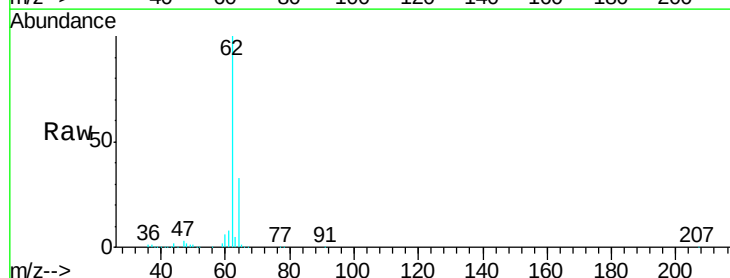
Acq: 30 Oct 2019 08:17

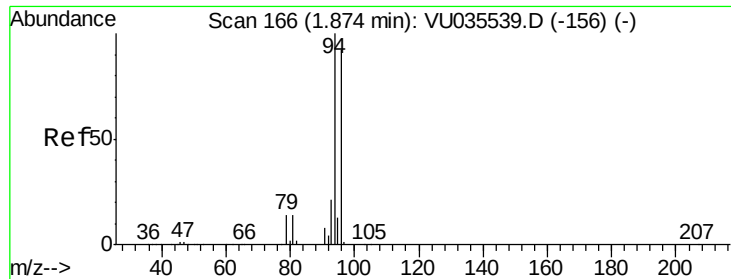
Tgt Ion: 62 Resp: 315180

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 9.881 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 94 Resp: 167690

Ion Ratio Lower Upper

94 100

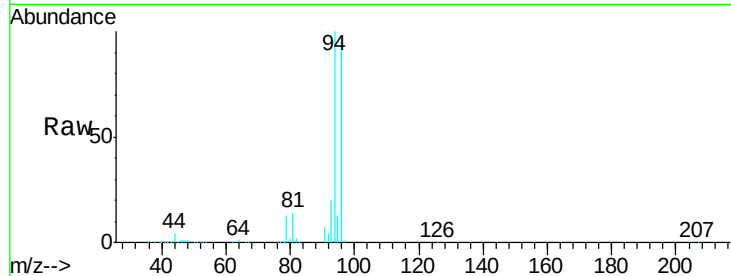
96 95.4 73.8 110.8

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU035539.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035539.D (-156) (-)

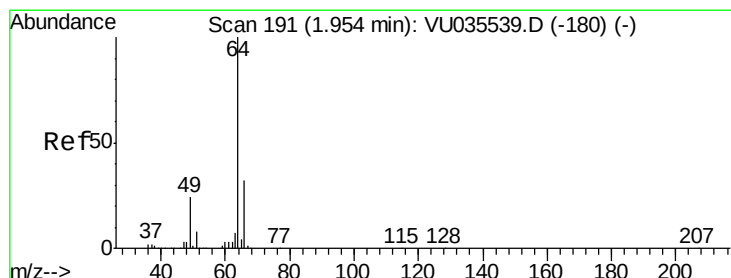
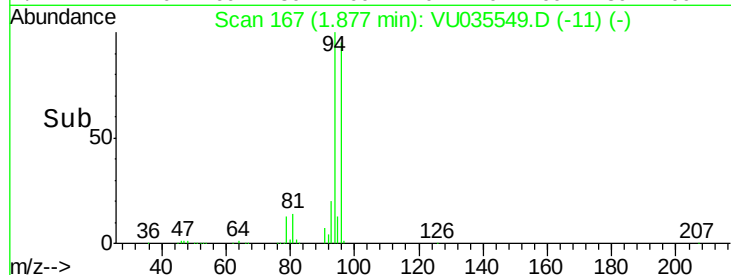
1.88

100000

50000

0

Time-->



#6

Chloroethane

Concen: 9.331 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035549.D

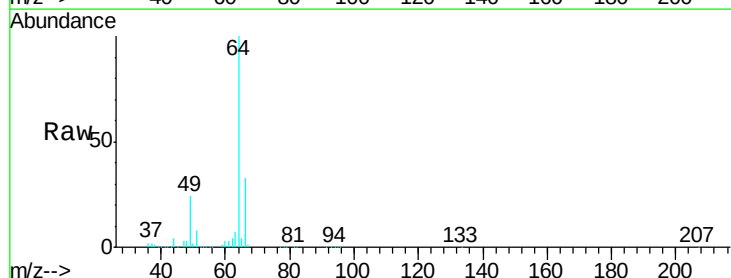
Acq: 30 Oct 2019 08:17

Tgt Ion: 64 Resp: 179061

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035539.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035539.D (-180) (-)

1.95

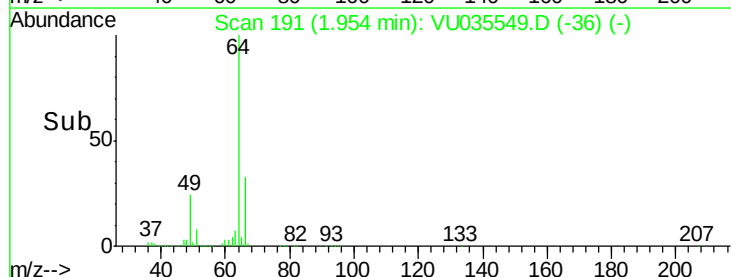
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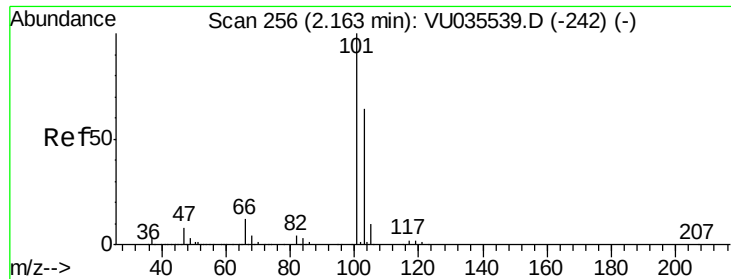
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50000

0

Time-->





#7

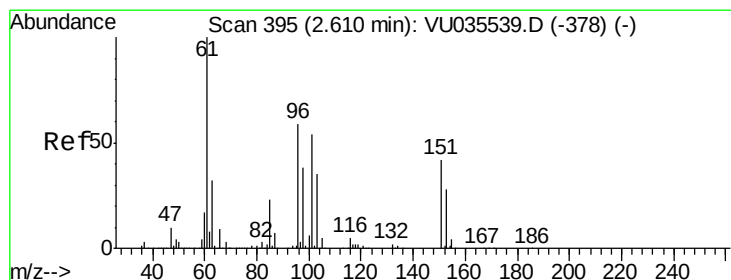
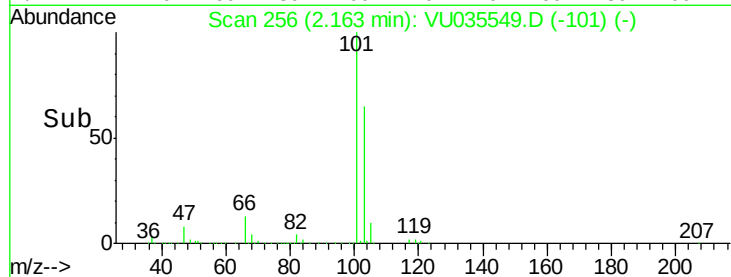
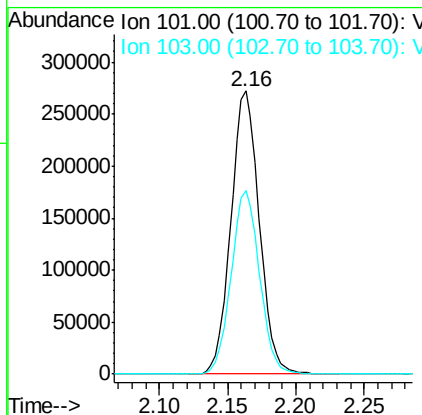
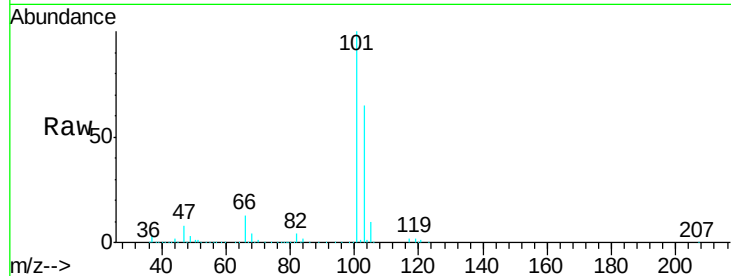
Trichlorofluoromethane
Concen: 9.556 ug/l
RT: 2.16 min Scan# 256
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
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ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	394149		
103	64.9	51.0	76.6	

Manual Integrations
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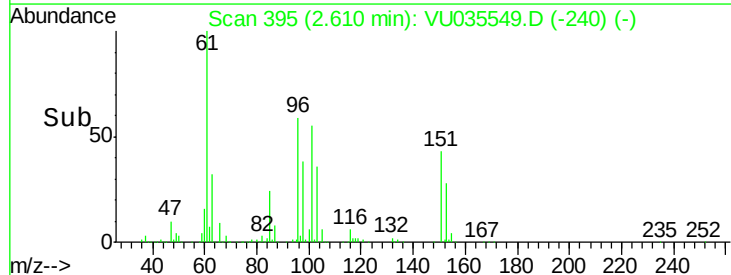
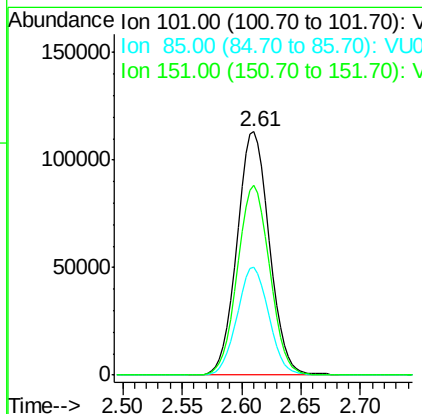
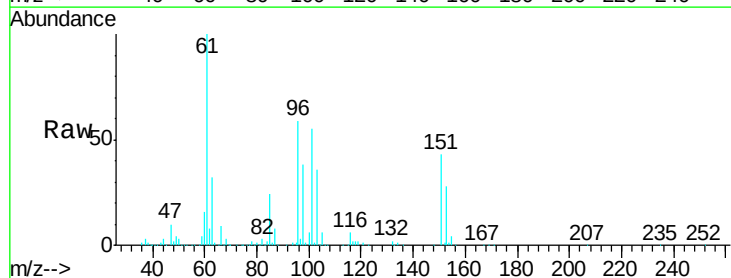
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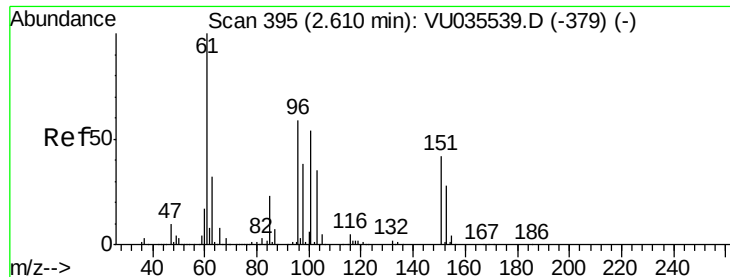


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.514 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	212681		
85	43.4	35.8	53.6	
151	78.0	61.8	92.6	





#9

1,1-Dichloroethene

Concen: 9.317 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

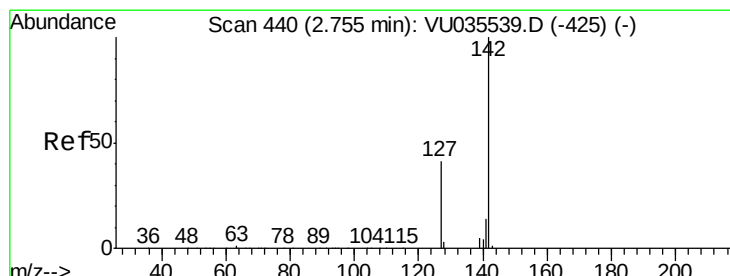
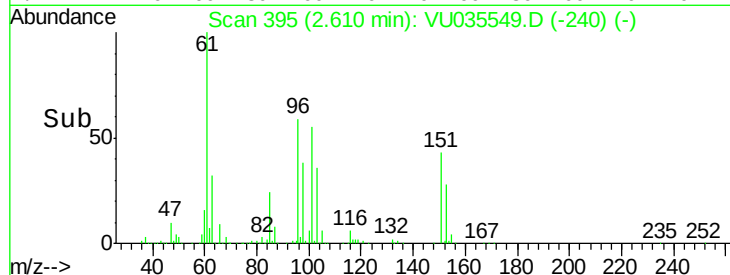
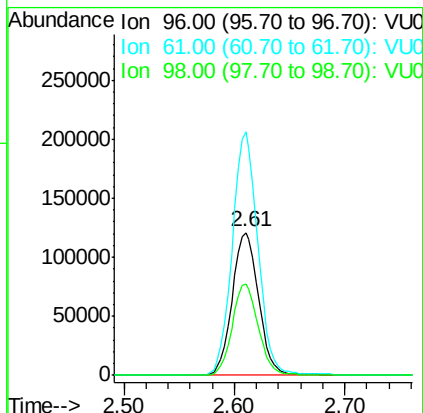
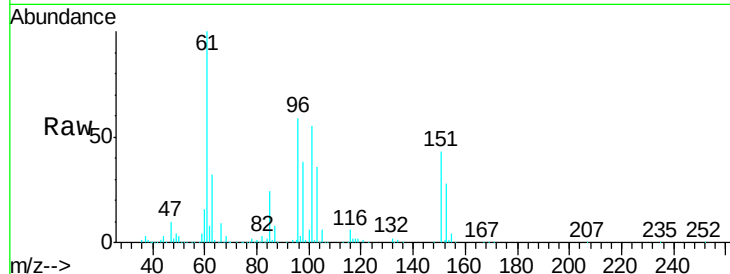
ClientSampleId :

VSTDCCC010

Tgt Ion:	96	Resp:	200998
Ion	Ratio	Lower	Upper
96	100		
61	170.7	0.0	508.8
98	64.4	0.0	130.4

Manual Integrations
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10/31/2019 4:09:11 PM



#10

Iodomethane

Concen: 10.653 ug/l

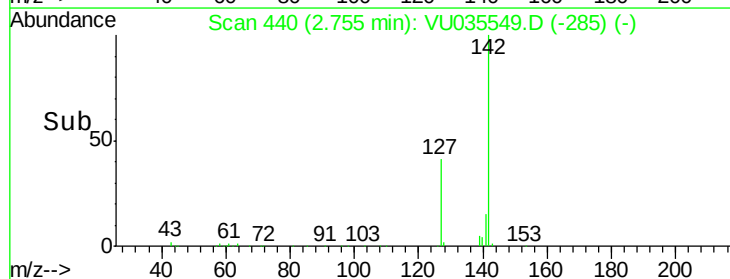
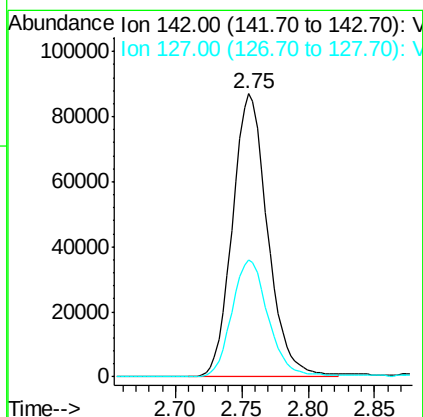
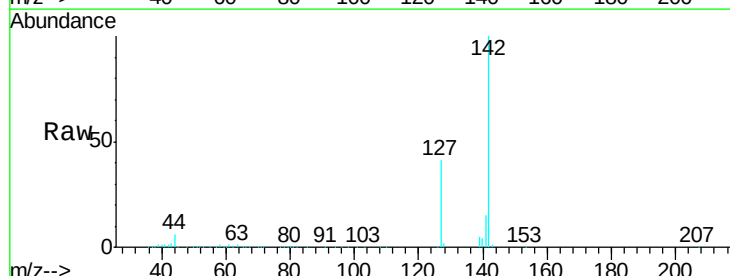
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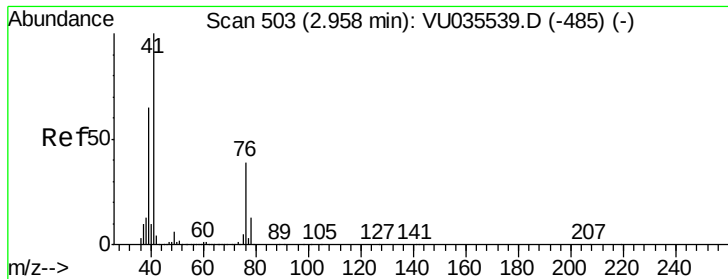
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion:	142	Resp:	160988
Ion	Ratio	Lower	Upper
142	100		
127	42.9	33.4	50.0





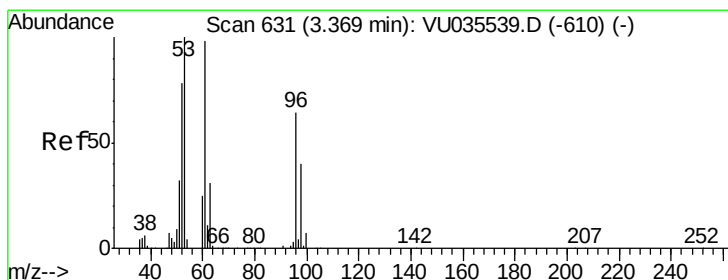
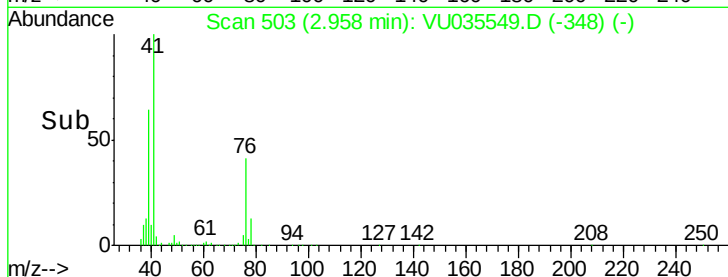
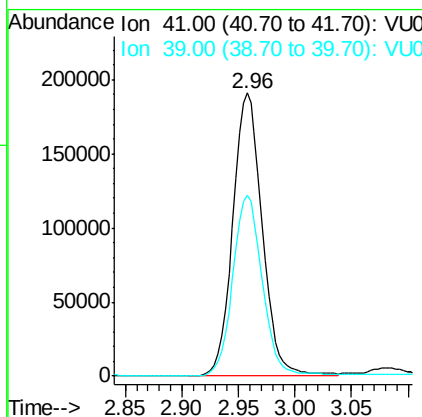
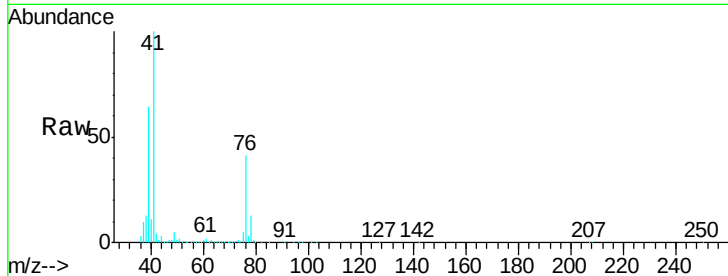
#11
 Allyl Chloride
 Concen: 9.481 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 343614
 Ion Ratio Lower Upper
 41 100
 39 63.8 52.0 78.0

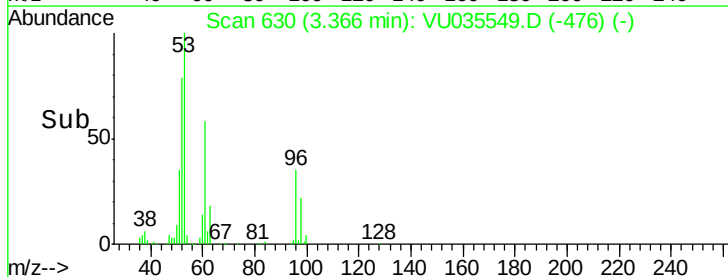
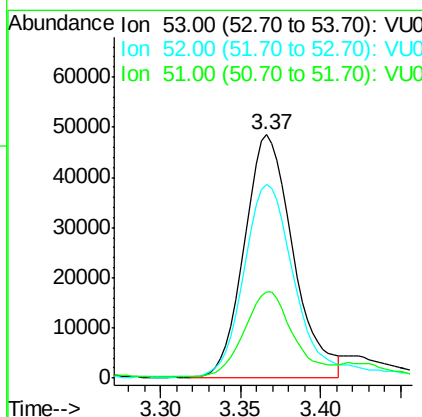
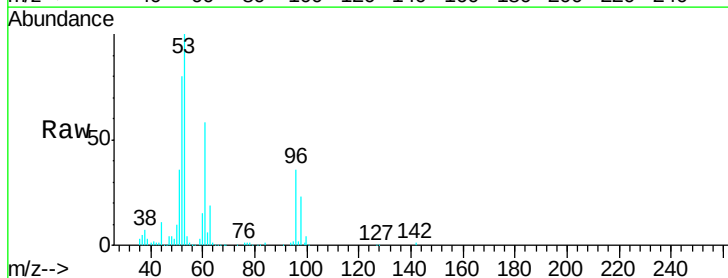
Manual Integrations
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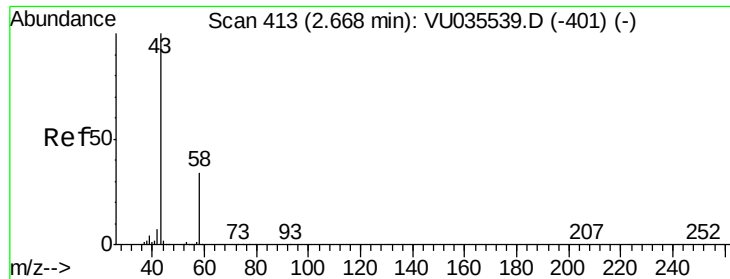
MMDadoda
 10/31/2019 4:09:11 PM



#12
 Acrylonitrile
 Concen: 19.141 ug/l m
 RT: 3.37 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion: 53 Resp: 103649
 Ion Ratio Lower Upper
 53 100
 52 83.9 67.4 101.0
 51 34.9 27.0 40.4





#13

Acetone

Concen: 48.104 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 252824

Ion Ratio Lower Upper

43 100

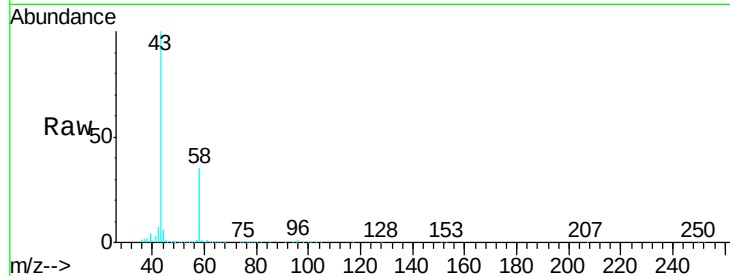
58 35.0 27.6 41.4

Manual Integrations

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

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

2.67

150000

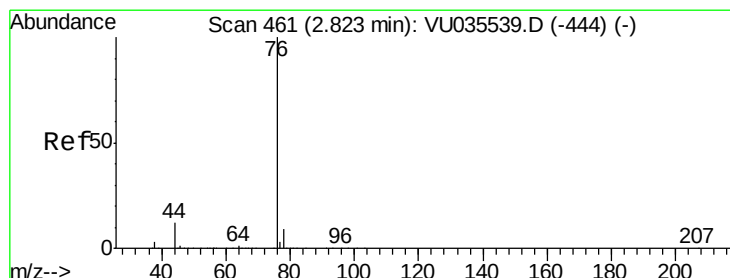
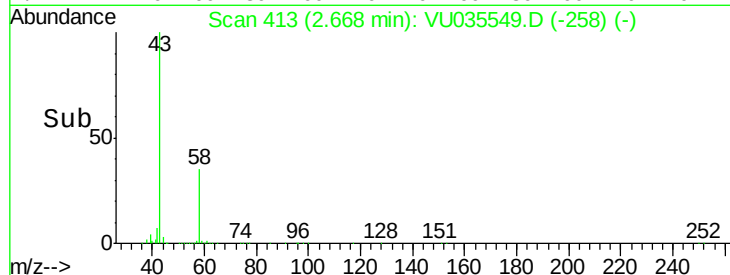
100000

50000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon Disulfide

Concen: 9.258 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035549.D

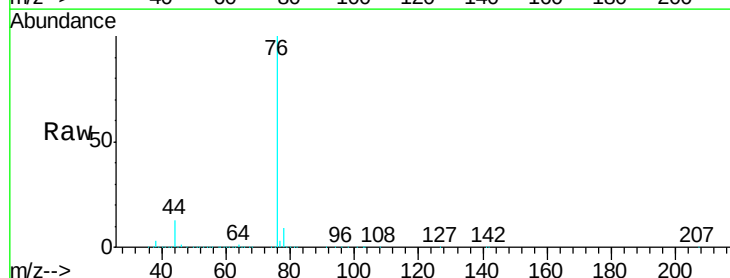
Acq: 30 Oct 2019 08:17

Tgt Ion: 76 Resp: 706108

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



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

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

2.82

400000

300000

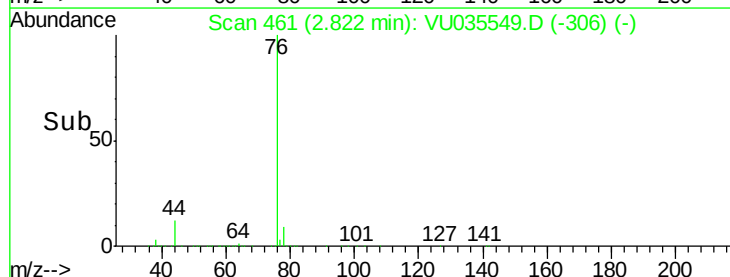
200000

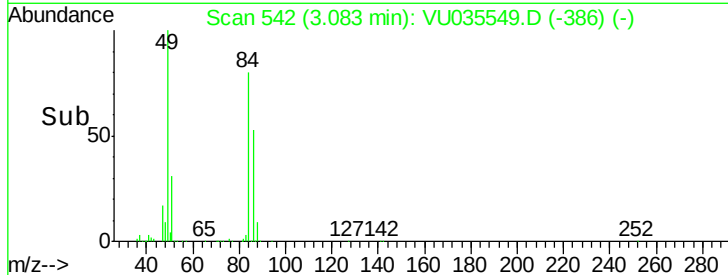
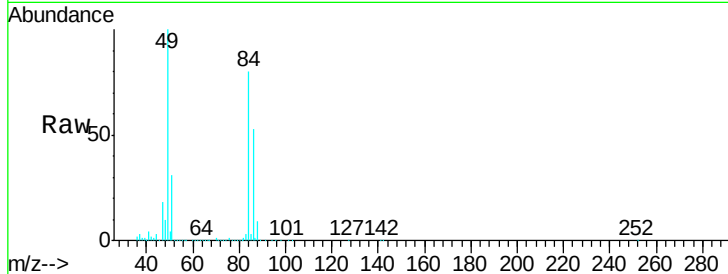
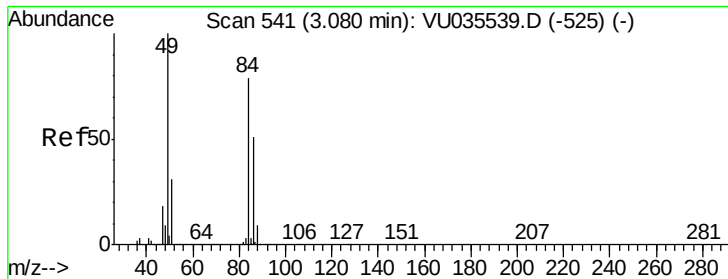
100000

0

2.80 2.90

Time-->





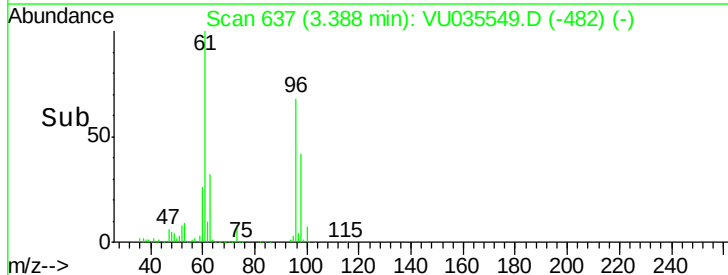
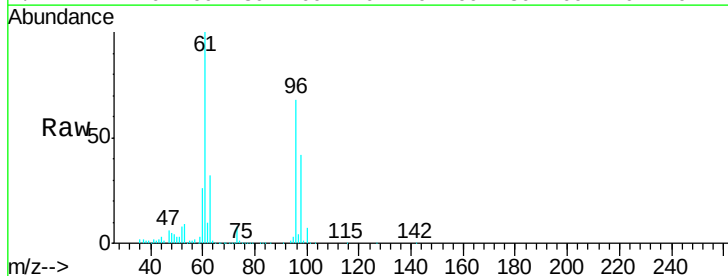
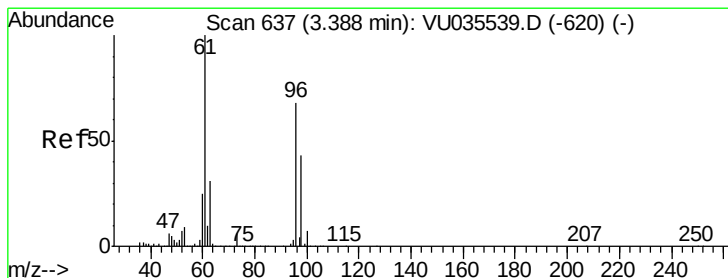
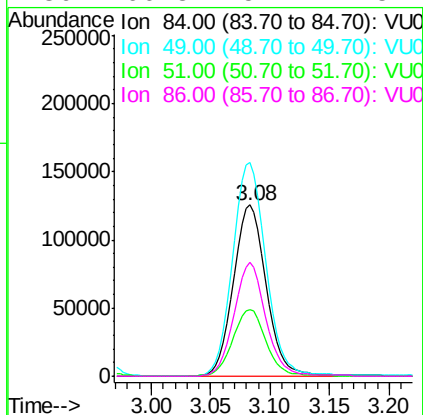
#15
Methylene Chloride
Concen: 8.686 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	101.5	152.3
51	39.0	0.0	78.6
86	66.3	52.2	78.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

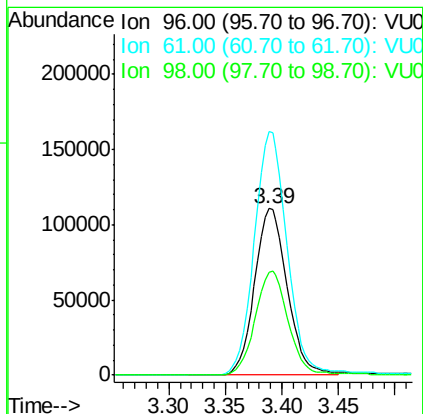
Manual Integrations
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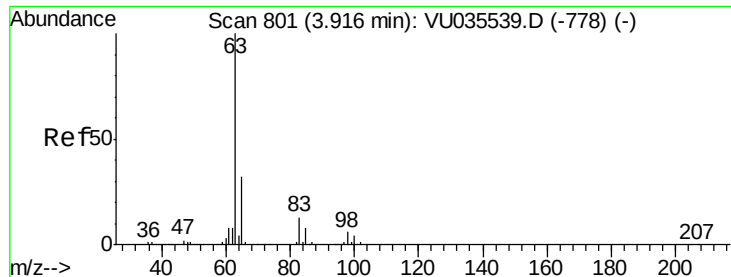
MMDadoda
10/31/2019 4:09:11 PM



#16
trans-1,2-Dichloroethene
Concen: 9.319 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.1	117.8	176.8
98	61.8	50.2	75.2





#17

1,1-Dichloroethane

Concen: 9.554 ug/l

RT: 3.92 min Scan# 801

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

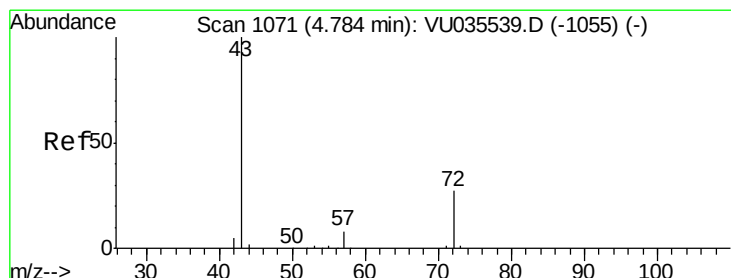
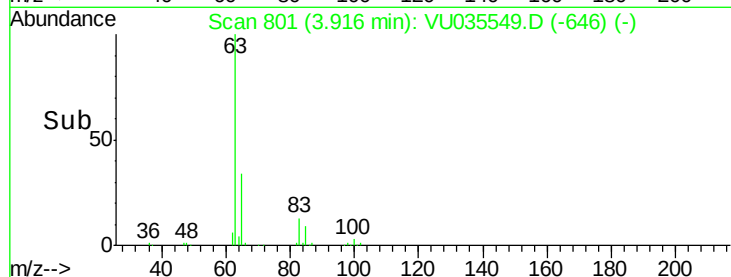
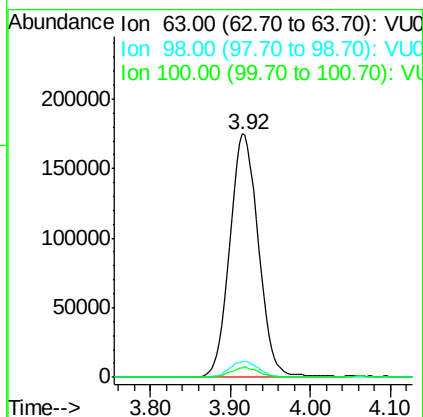
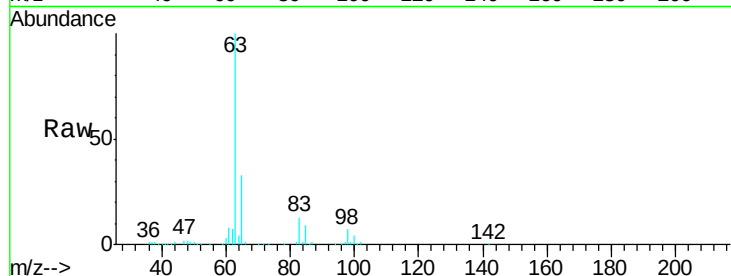
ClientSampleId :

VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.1	2.1	6.3

Manual Integrations
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#18

2-Butanone

Concen: 49.865 ug/l

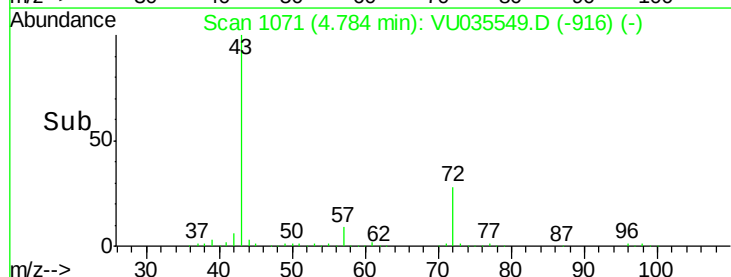
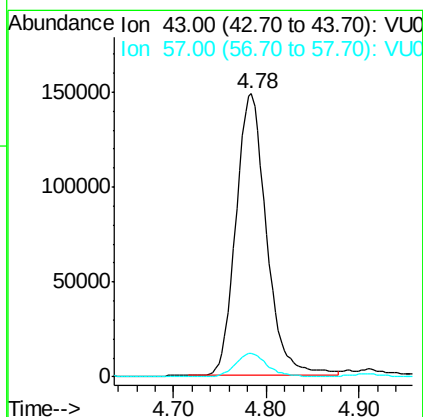
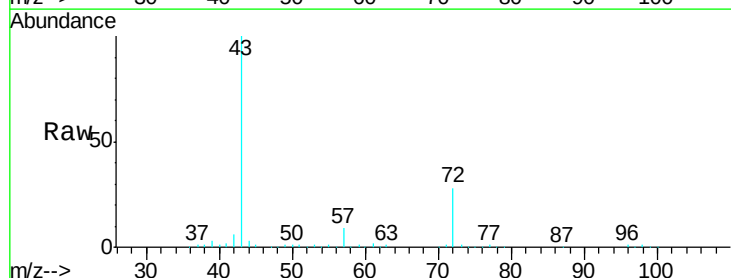
RT: 4.78 min Scan# 1071

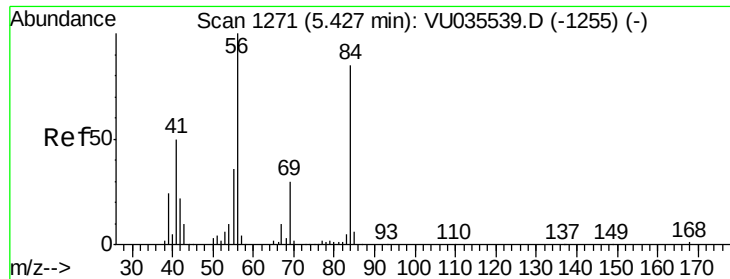
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	0.0	17.0





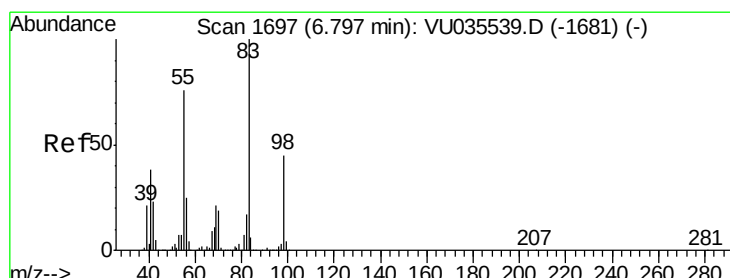
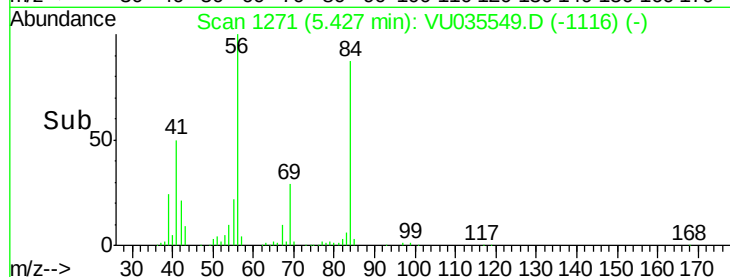
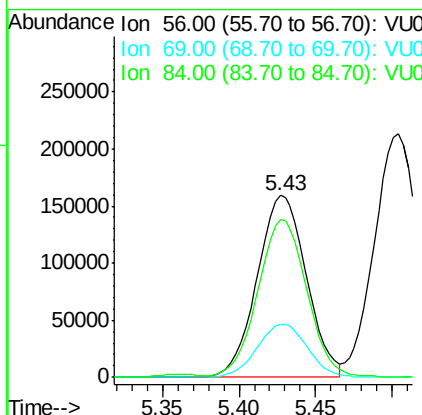
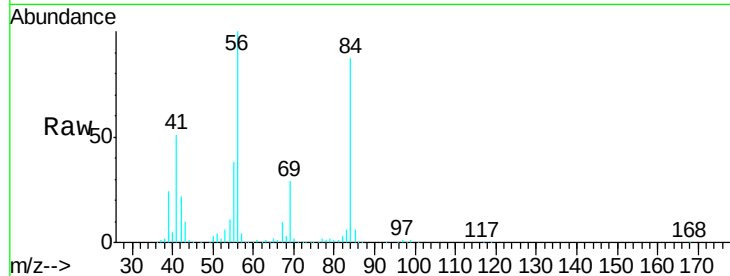
#19
Cyclohexane
Concen: 10.080 ug/l m
RT: 5.43 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.9	26.4	39.6
84	84.6	72.9	109.3

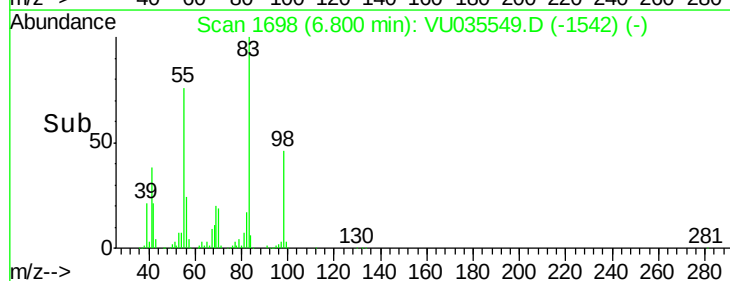
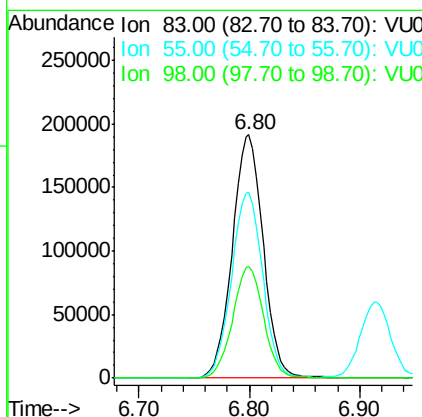
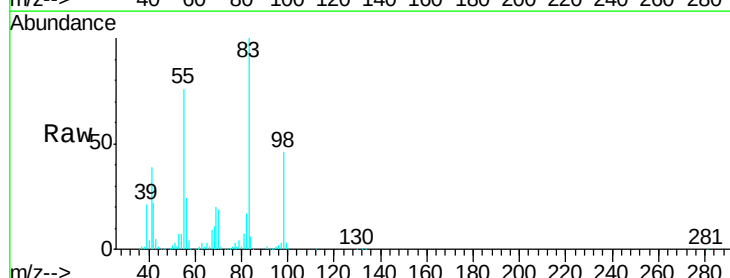
Manual Integrations
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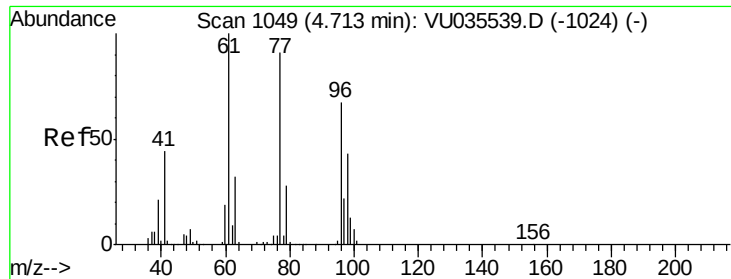
MMDadoda
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#20
Methylcyclohexane
Concen: 10.240 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.2	91.8
98	46.0	36.7	55.1





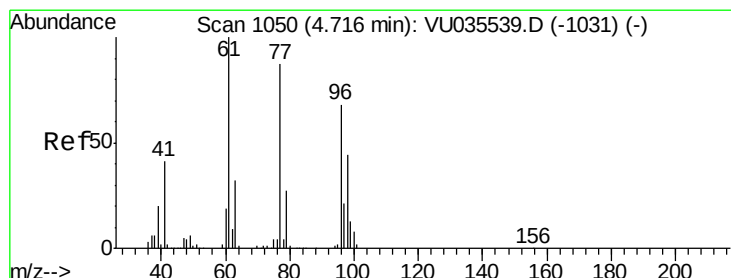
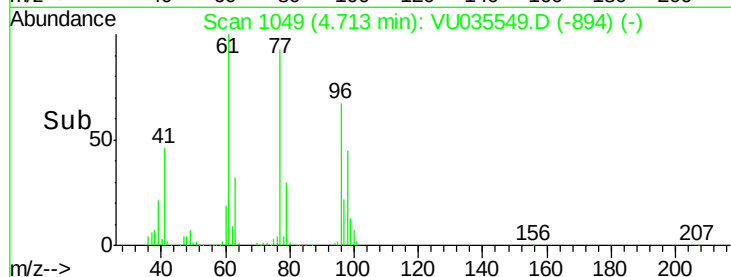
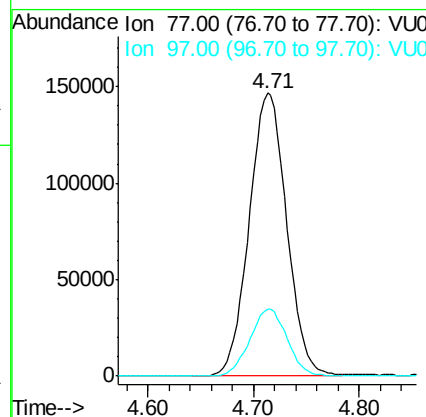
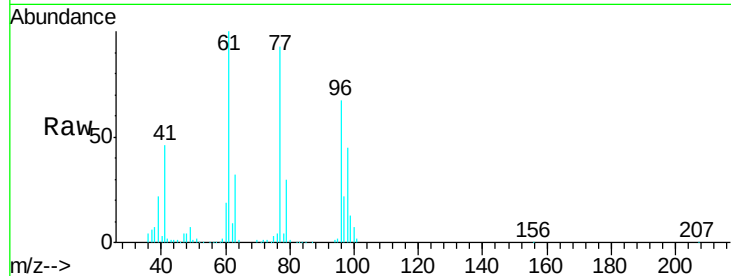
#21
 2,2-Dichloropropane
 Concen: 9.472 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 77 Resp: 363272
 Ion Ratio Lower Upper
 77 100
 97 23.7 18.8 28.2

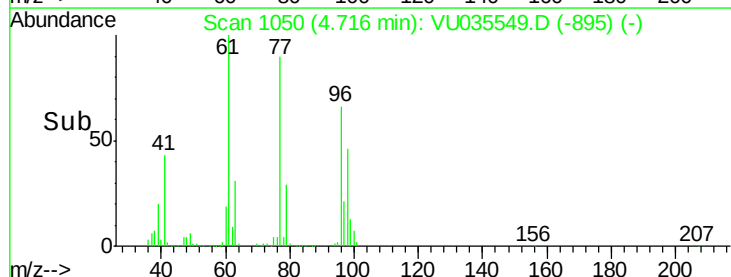
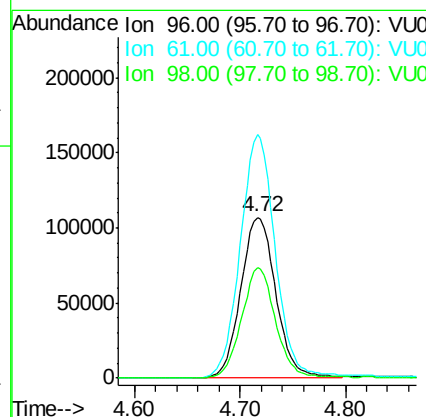
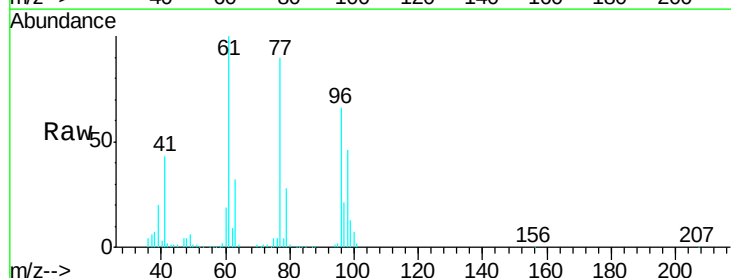
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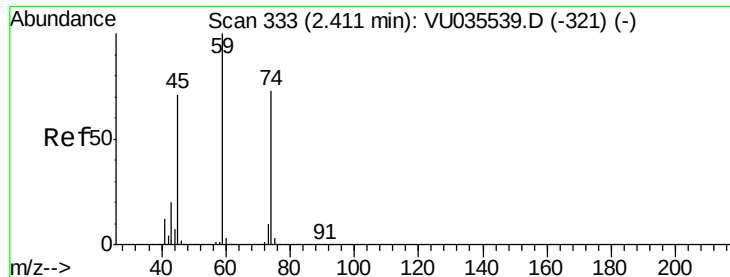
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 10/31/2019 4:09:11 PM



#22
 cis-1,2-Dichloroethene
 Concen: 9.791 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion: 96 Resp: 248575
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 370.5
 98 66.6 31.8 95.4





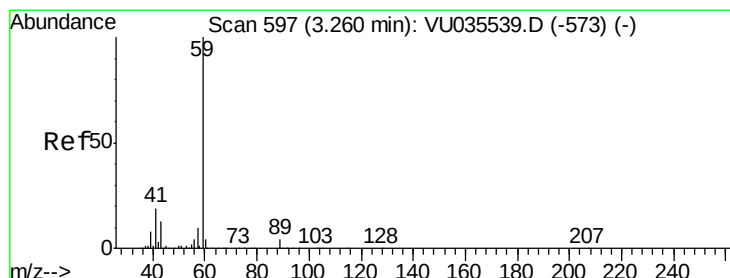
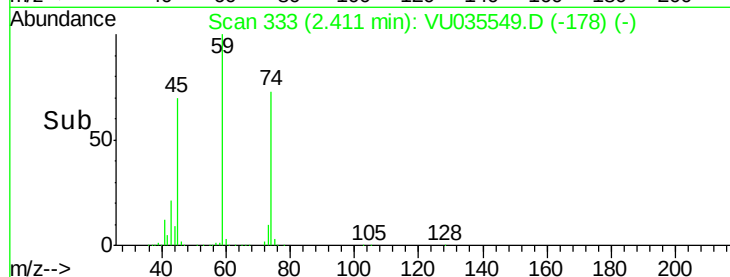
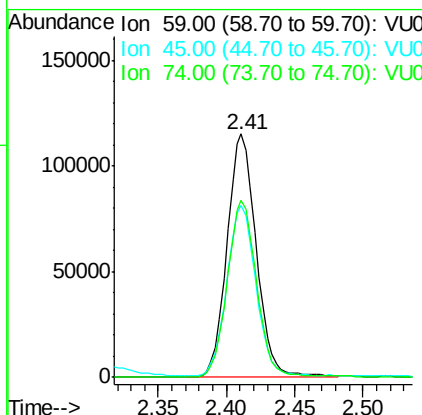
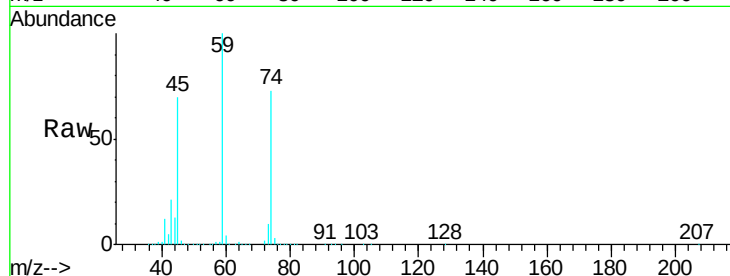
#23
Diethyl Ether
Concen: 9.685 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
59	100		
45	69.3	56.9	85.3
74	73.2	59.5	89.3

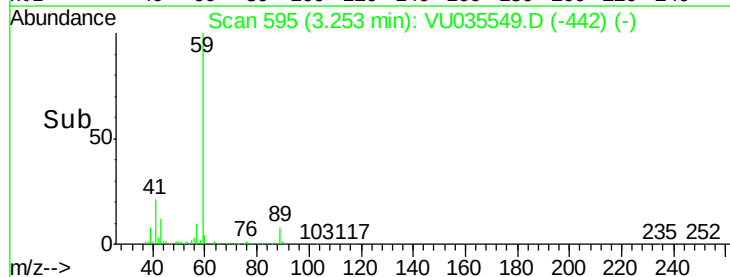
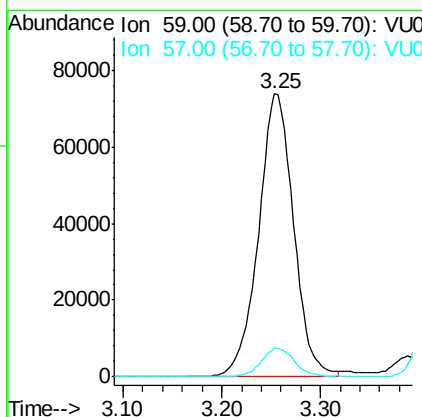
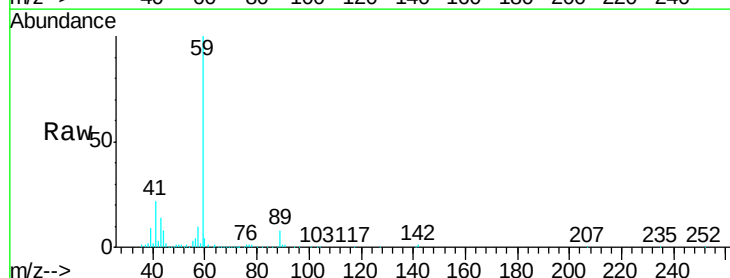
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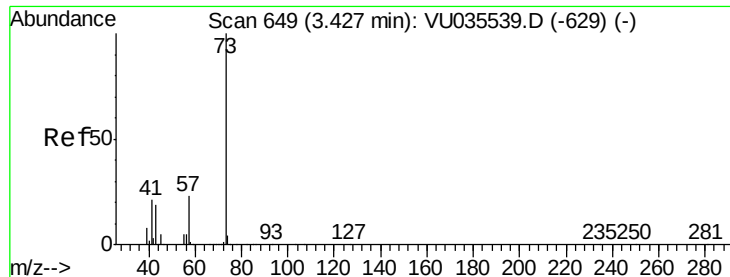
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 91.373 ug/l
RT: 3.25 min Scan# 595
Delta R.T. -0.01 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.4	11.0





#25

Methyl tert-Butyl Ether

Concen: 9.643 ug/l

RT: 3.42 min Scan# 648

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 73 Resp: 557742

Ion Ratio Lower Upper

73 100

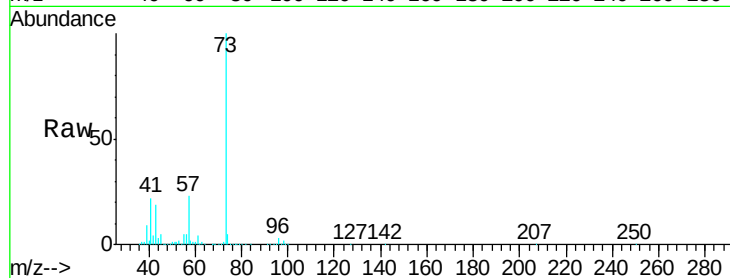
43 19.1 15.4 23.2

Manual Integrations

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10/31/2019 4:09:11 PM



Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

3.42

250000

200000

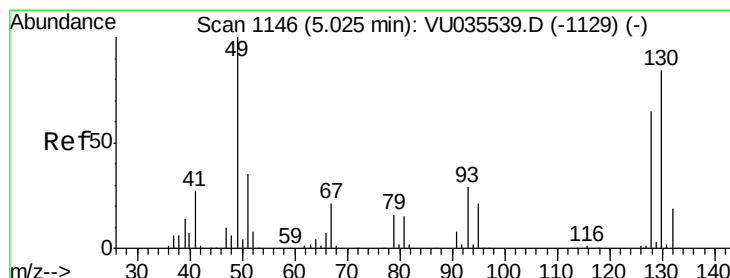
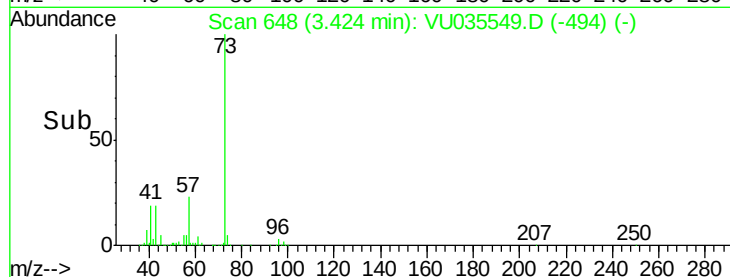
150000

100000

50000

0

Time-->



#26

Bromochloromethane

Concen: 9.570 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

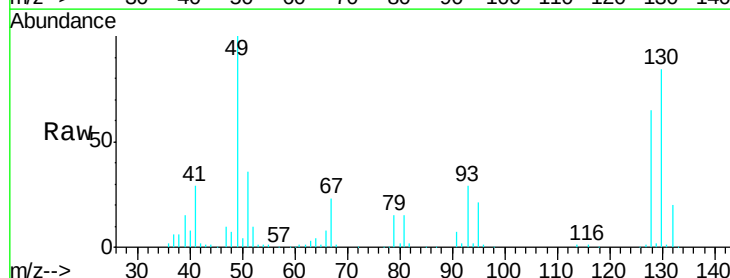
Tgt Ion: 128 Resp: 108491

Ion Ratio Lower Upper

128 100

49 155.1 0.0 309.0

130 128.8 101.8 152.8



Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

5.02

100000

80000

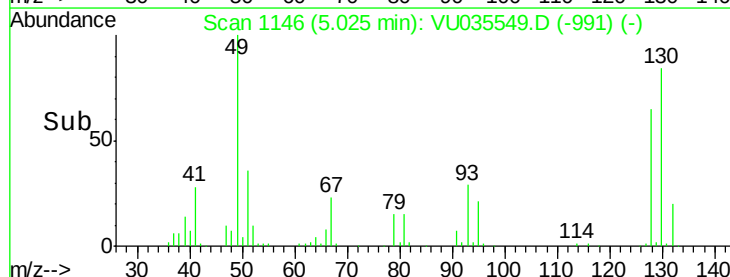
60000

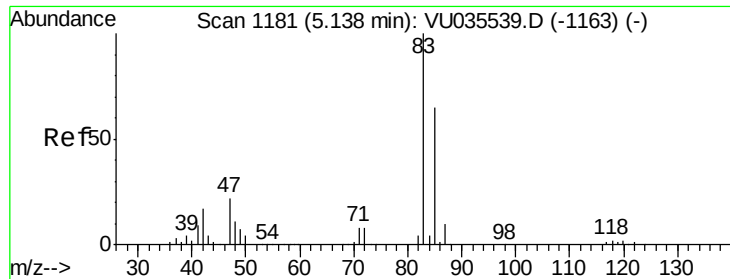
40000

20000

0

Time-->





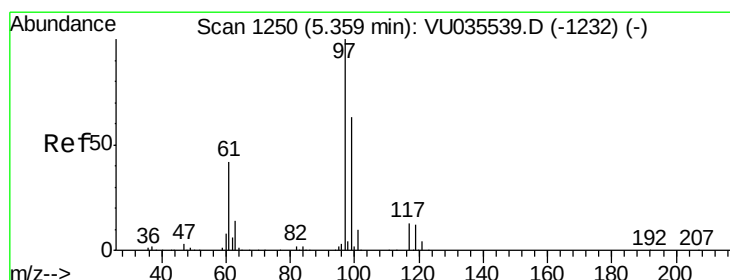
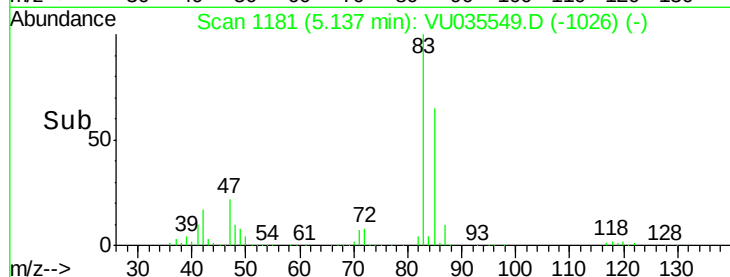
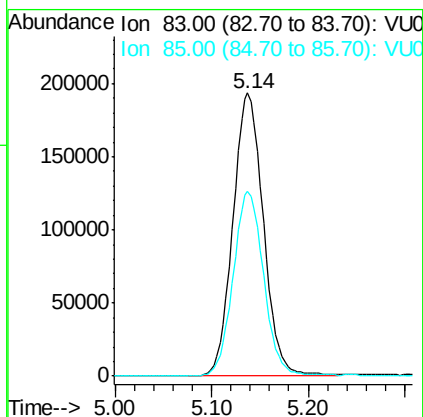
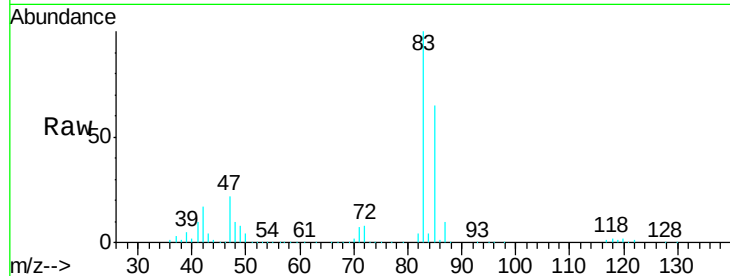
#27
Chloroform
Concen: 8.933 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 424142
Ion Ratio Lower Upper
83 100
85 65.3 0.0 130.6

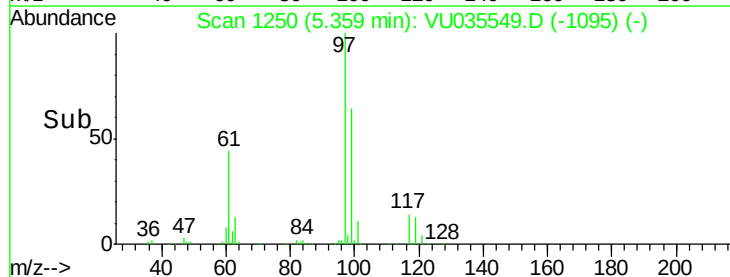
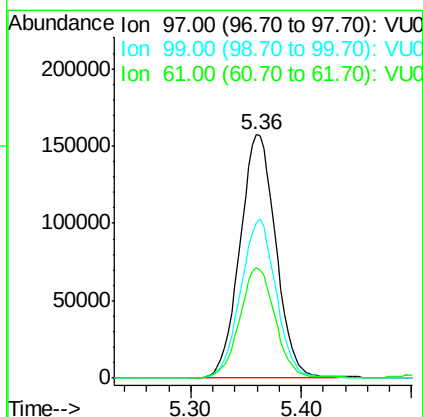
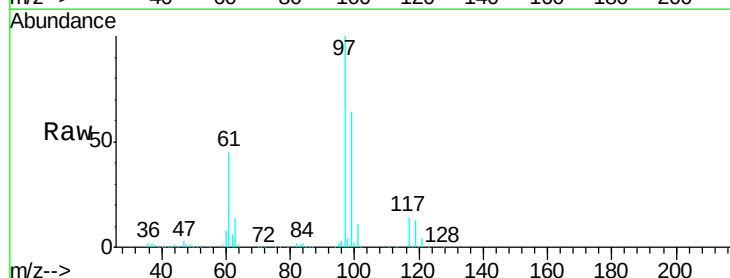
Manual Integrations
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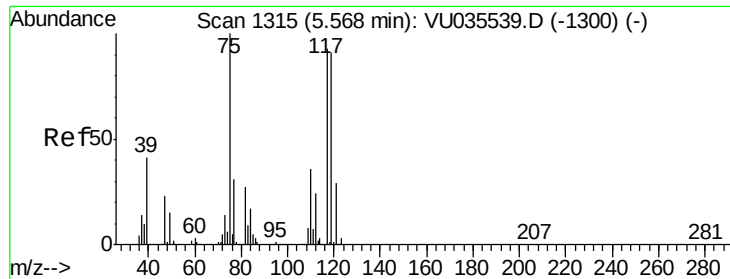
MMDadoda
10/31/2019 4:09:11 PM



#28
1,1,1-Trichloroethane
Concen: 9.431 ug/l
RT: 5.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 97 Resp: 354777
Ion Ratio Lower Upper
97 100
99 64.5 32.6 97.7
61 44.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 10.173 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

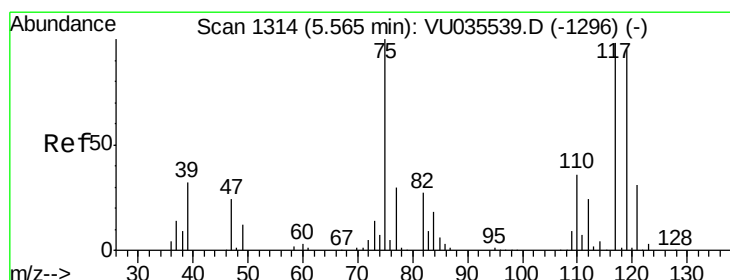
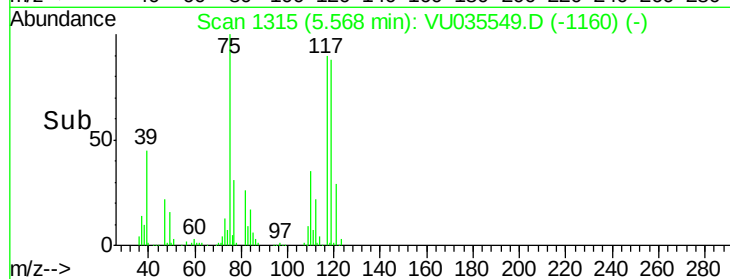
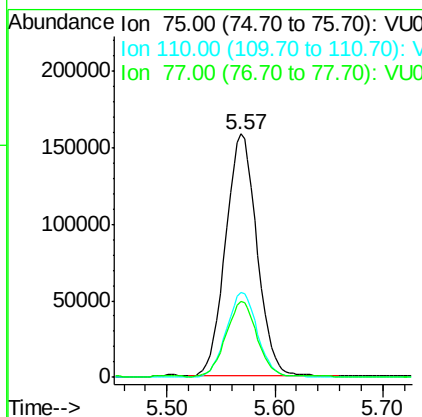
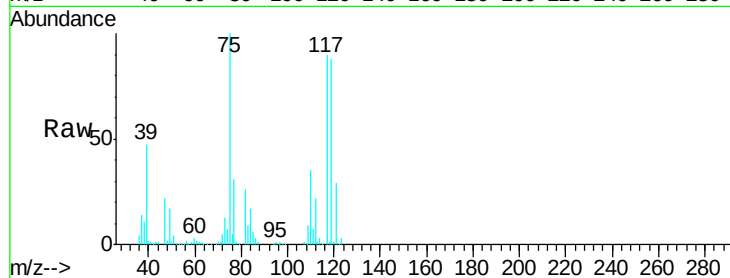
ClientSampleId :

VSTDCCC010

Tgt Ion:	75	Resp:	320913
Ion Ratio	Lower	Upper	
75	100		
110	34.9	18.3	54.8
77	30.5	24.6	37.0

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 9.617 ug/l

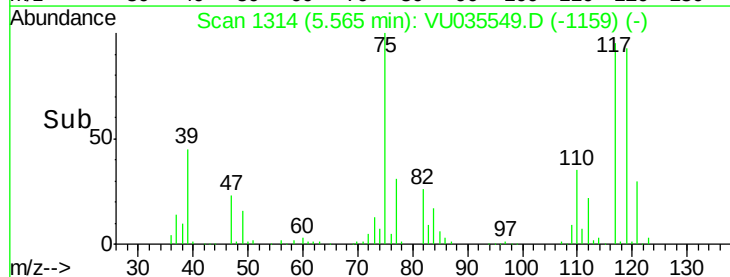
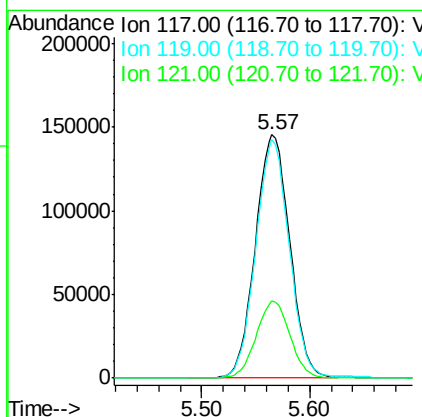
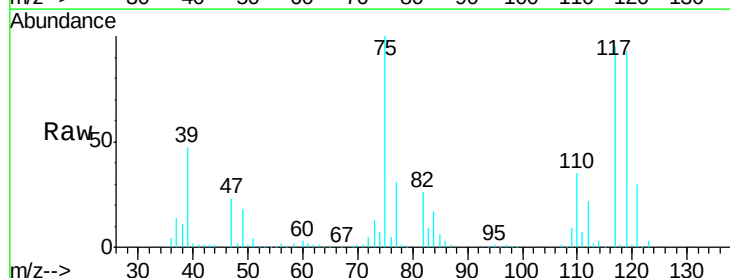
RT: 5.57 min Scan# 1314

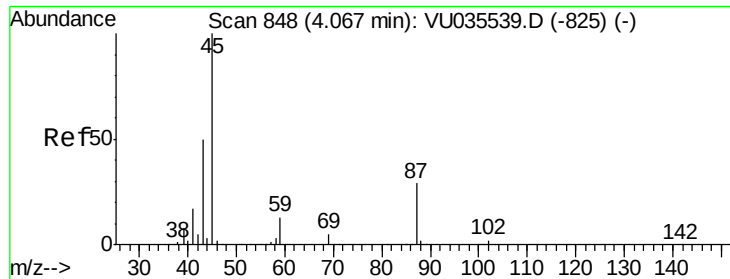
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion:	117	Resp:	321784
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.3	115.9
121	31.6	25.2	37.8





#31

Isopropyl Ether

Concen: 10.010 ug/l

RT: 4.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 621264

Ion Ratio Lower Upper

45 100

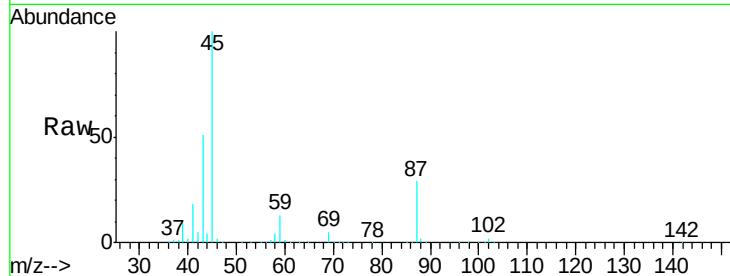
43 51.2 25.3 75.8

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

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

4.06

250000

200000

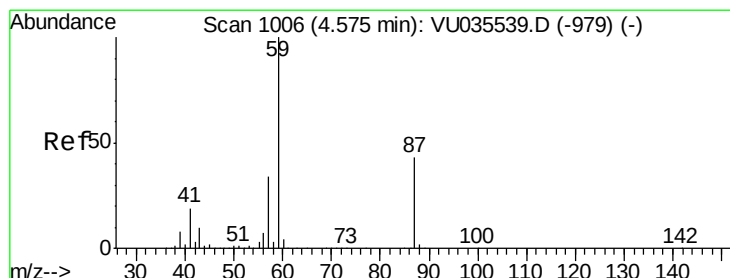
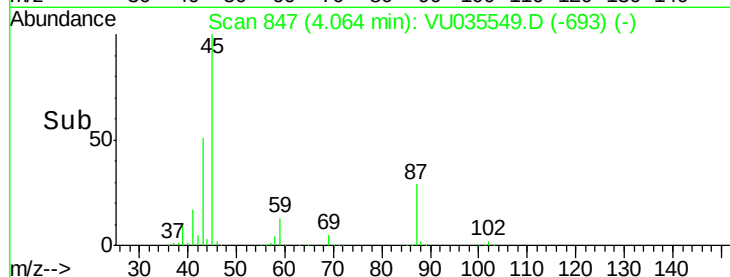
150000

100000

50000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 10.255 ug/l

RT: 4.57 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VU035549.D

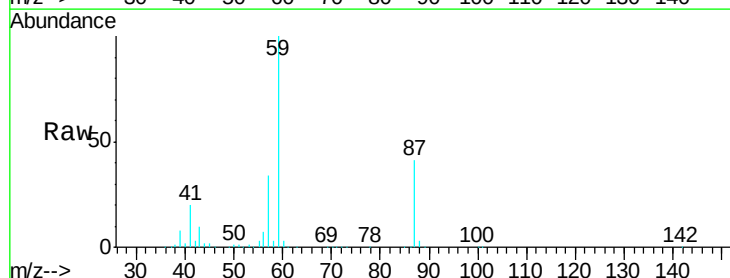
Acq: 30 Oct 2019 08:17

Tgt Ion: 59 Resp: 589257

Ion Ratio Lower Upper

59 100

87 41.7 33.9 50.9



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

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

4.57

250000

200000

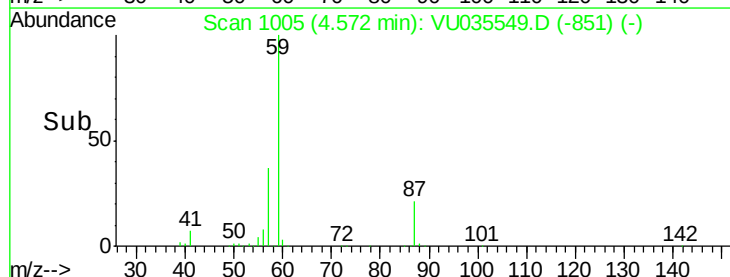
150000

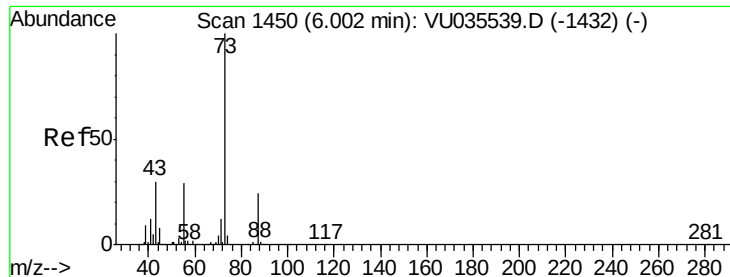
100000

50000

0

Time-->





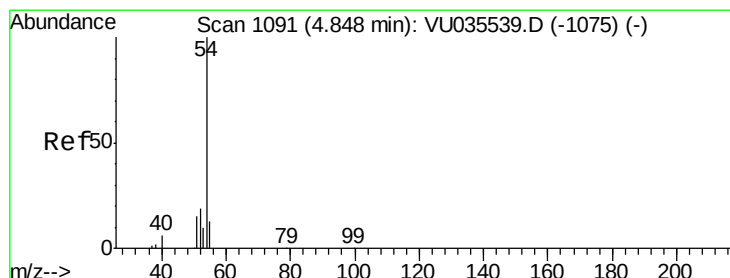
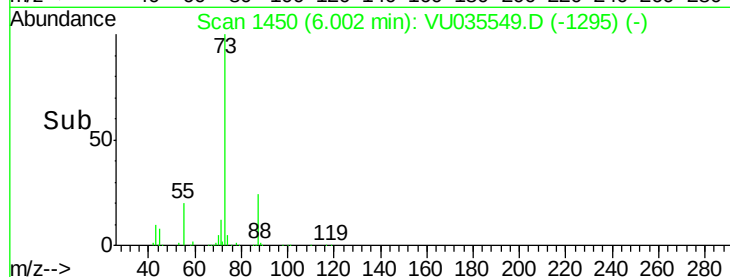
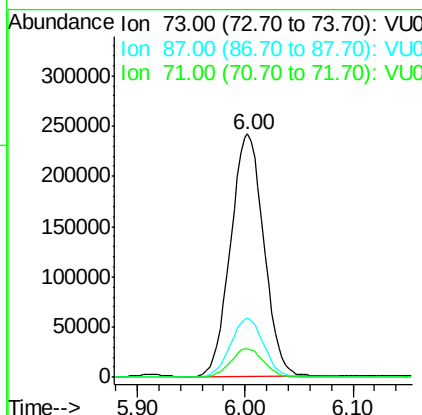
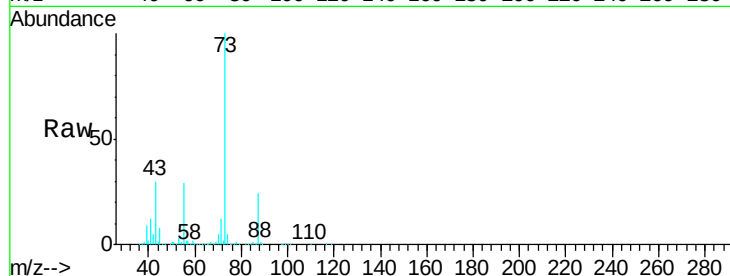
#33
Tert-Amyl methyl ether
Concen: 10.475 ug/l
RT: 6.00 min Scan# 1450
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.4	19.5	29.3
71	11.8	9.4	14.2

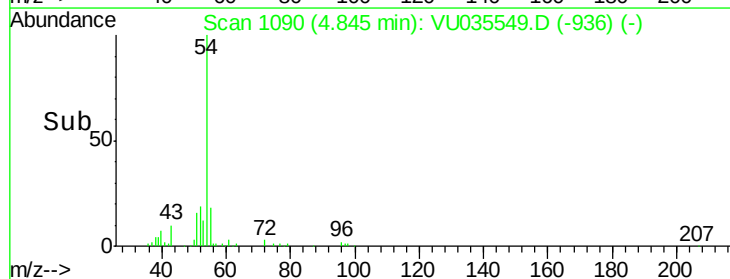
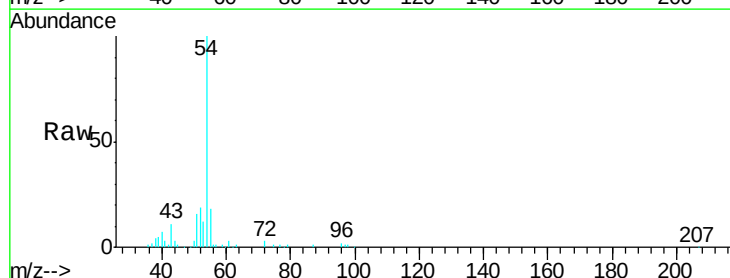
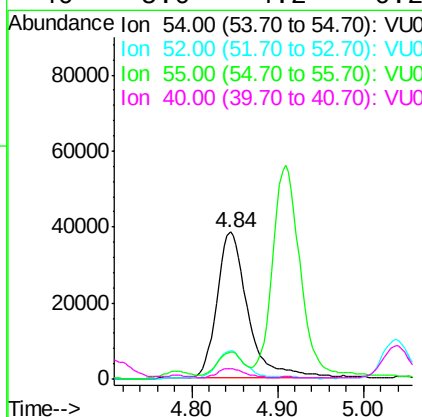
Manual Integrations
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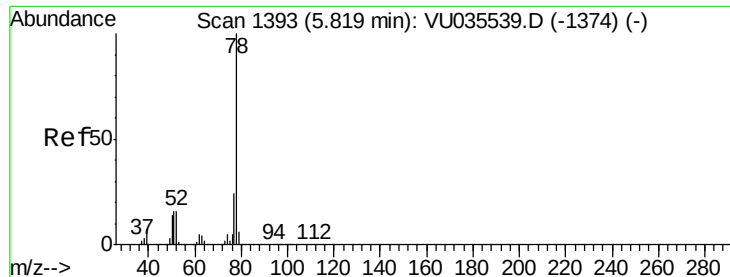
MMDadoda
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#34
Propionitrile
Concen: 48.564 ug/l
RT: 4.84 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
54	100		
52	17.0	14.6	21.8
55	14.9	11.7	17.5
40	5.0	4.2	6.2





#35

Benzene

Concen: 9.741 ug/l

RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 78 Resp: 937654

Ion Ratio Lower Upper

78 100

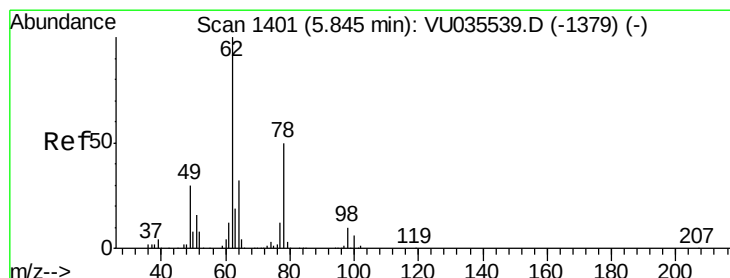
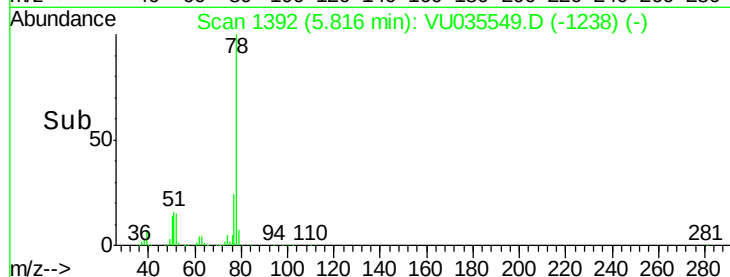
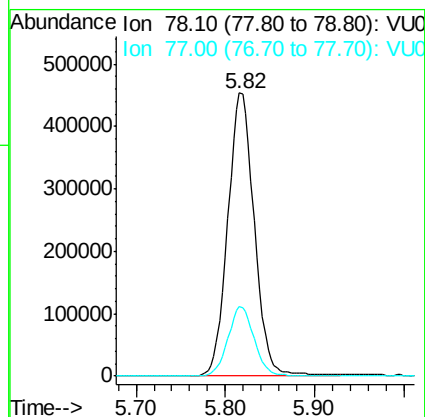
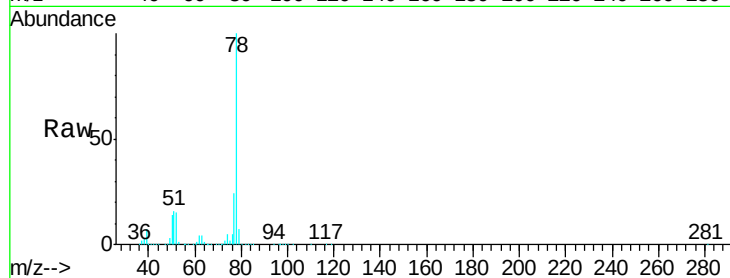
77 24.3 19.0 28.4

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#36

1,2-Dichloroethane

Concen: 9.491 ug/l

RT: 5.84 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU035549.D

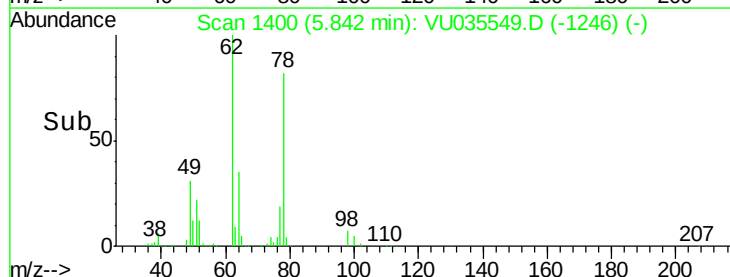
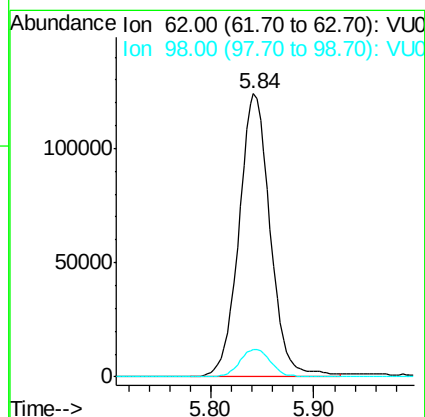
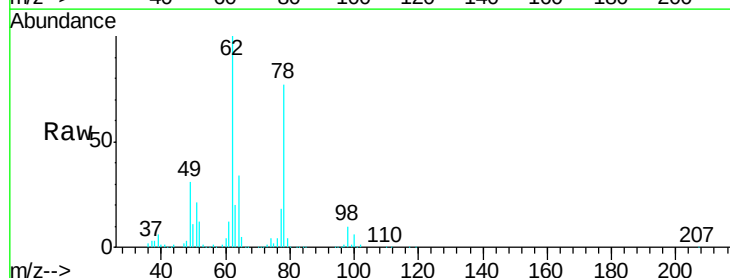
Acq: 30 Oct 2019 08:17

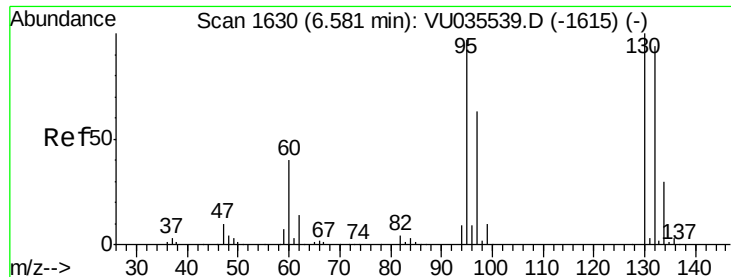
Tgt Ion: 62 Resp: 261751

Ion Ratio Lower Upper

62 100

98 9.8 7.5 11.3





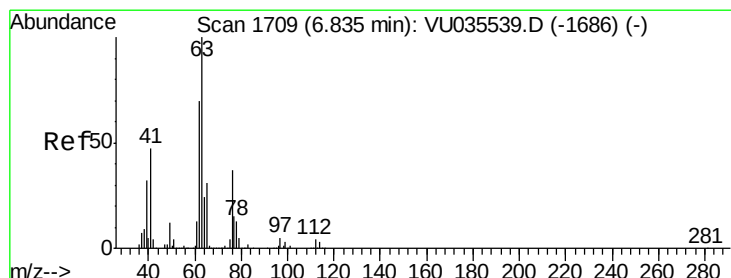
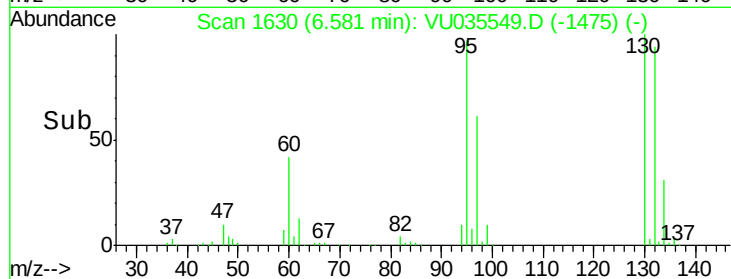
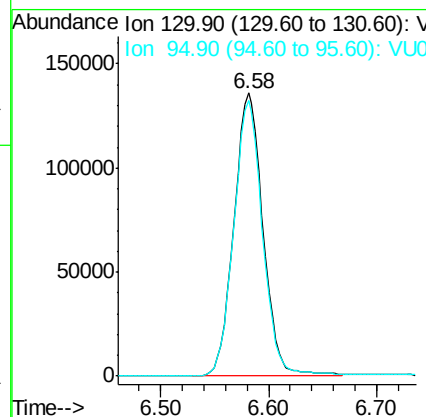
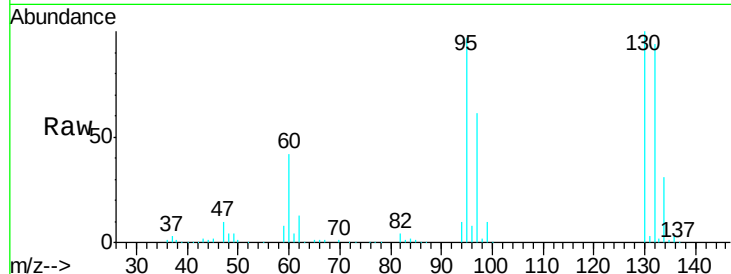
#37
 Trichloroethene
 Concen: 9.586 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:130 Resp: 256324
 Ion Ratio Lower Upper
 130 100
 95 97.4 77.5 116.3

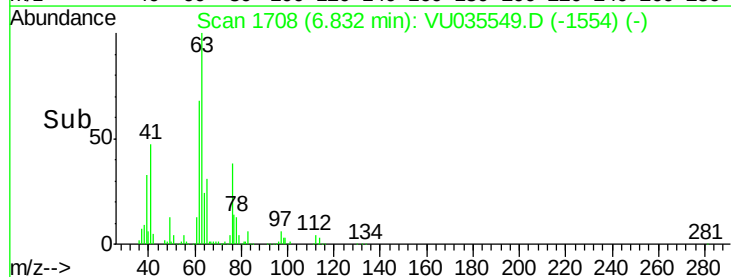
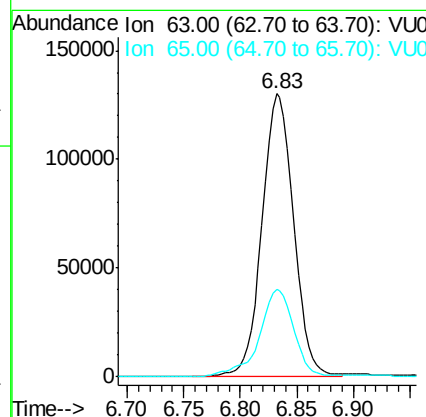
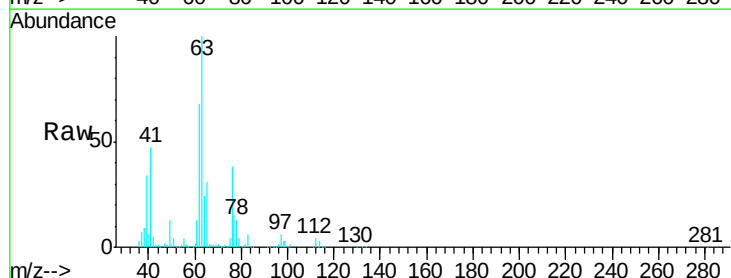
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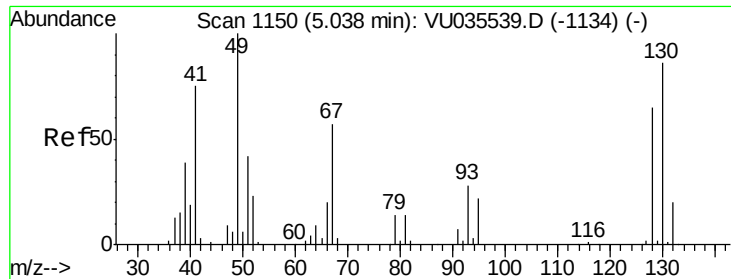
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#38
 1,2-Dichloropropane
 Concen: 9.615 ug/l
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion: 63 Resp: 253797
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6





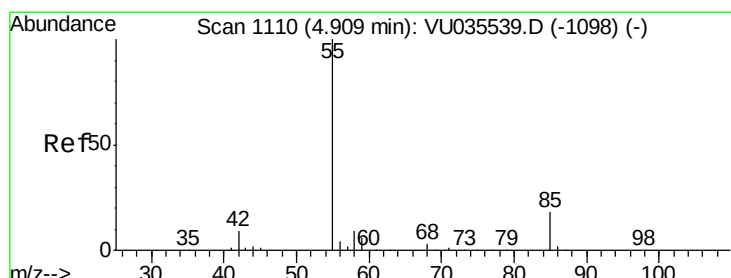
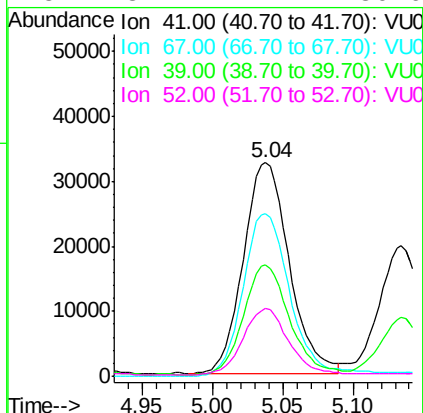
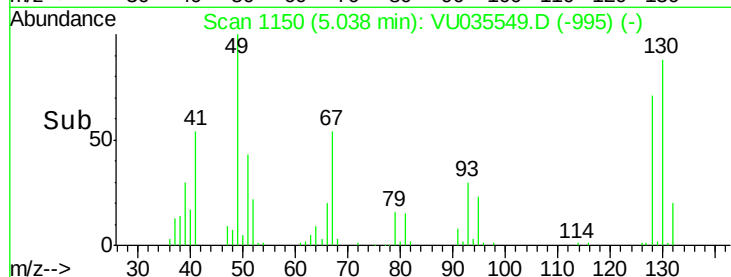
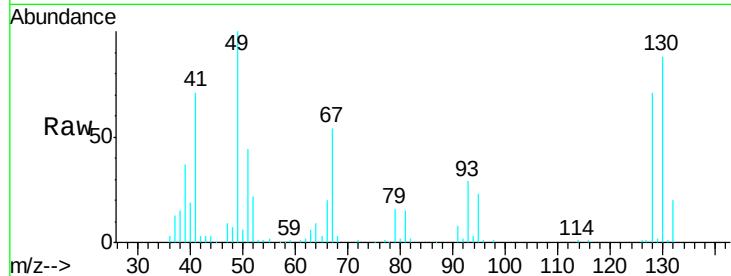
#39
Methacrylonitrile
Concen: 9.978 ug/l
RT: 5.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
41	100		
67	80.0	61.5	92.3
39	52.6	41.3	61.9
52	31.4	24.4	36.6

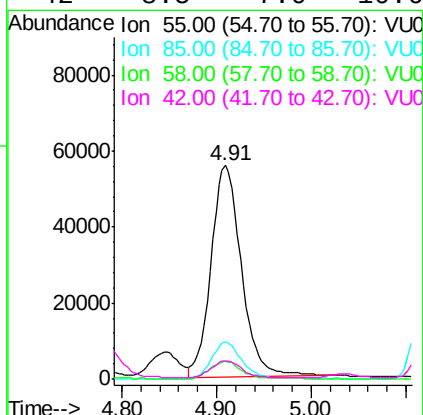
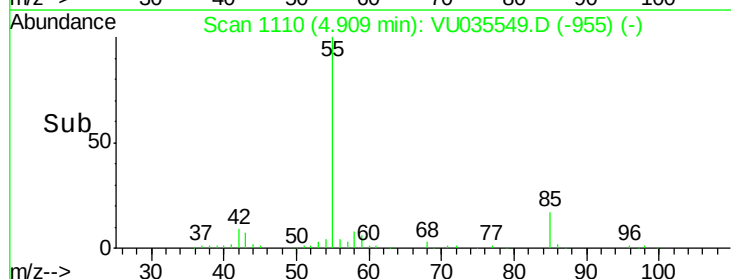
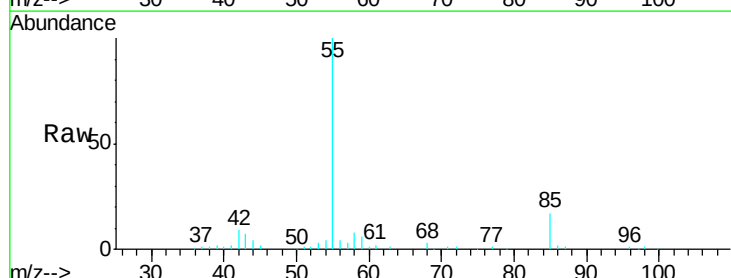
Manual Integrations
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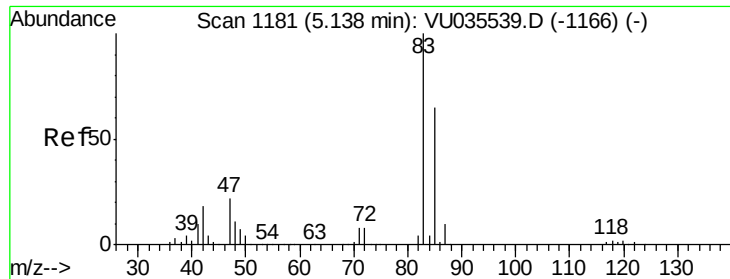
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#40
Methyl acrylate
Concen: 11.067 ug/l
RT: 4.91 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
55	100		
85	17.3	13.5	20.3
58	8.6	6.6	10.0
42	8.5	7.0	10.6





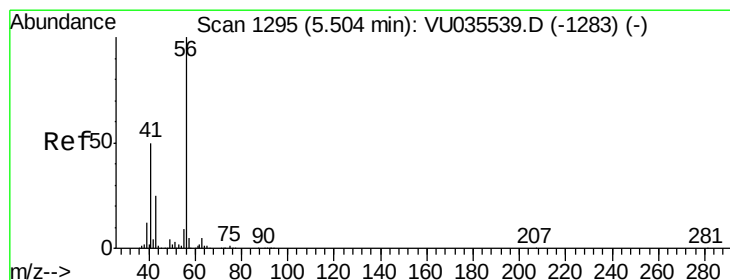
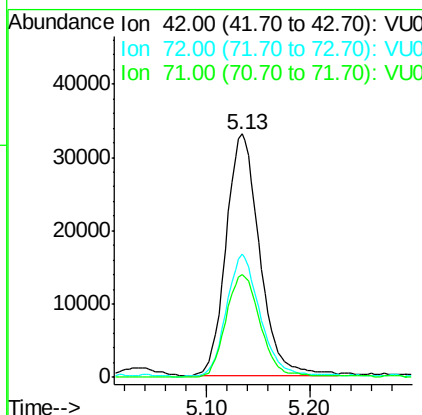
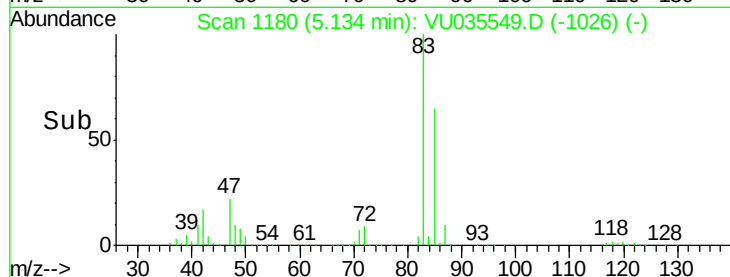
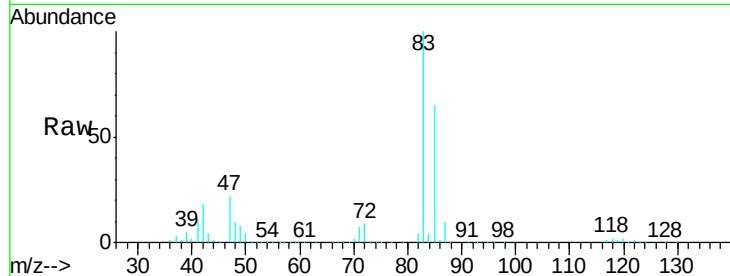
#41
Tetrahydrofuran
Concen: 19.649 ug/l
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
42	100		
72	52.0	89.9	134.9#
71	43.7	3.7	5.5#

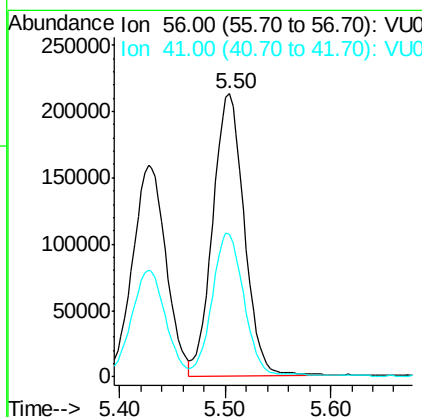
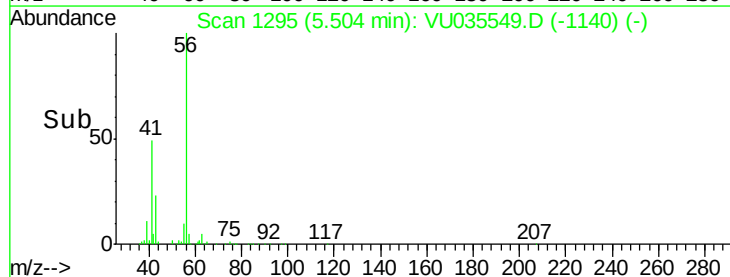
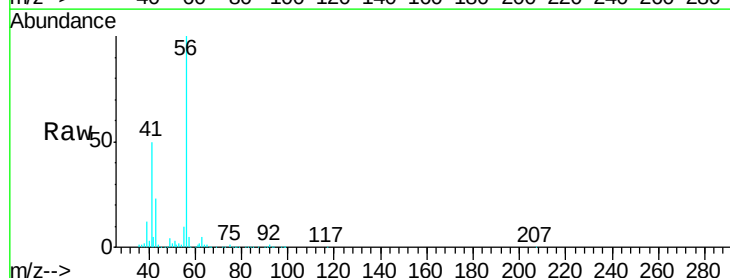
Manual Integrations
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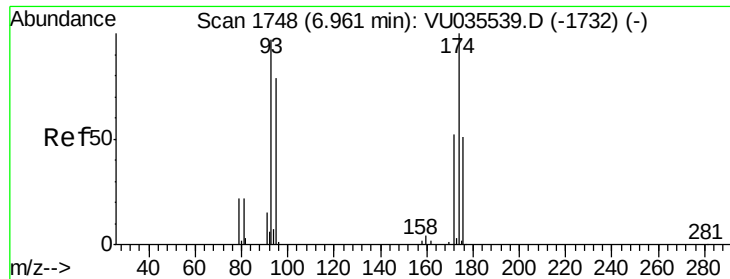
MMDadoda
10/31/2019 4:09:11 PM



#42
1-Chlorobutane
Concen: 10.113 ug/l
RT: 5.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
56	100		
41	50.9	25.5	76.5





#43

Dibromomethane

Concen: 9.508 ug/l

RT: 6.96 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

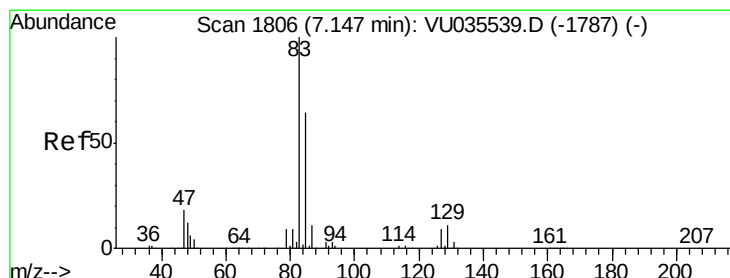
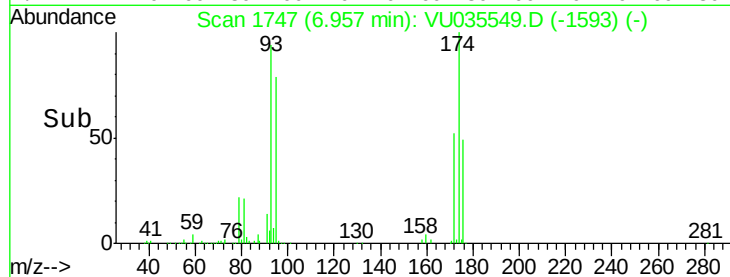
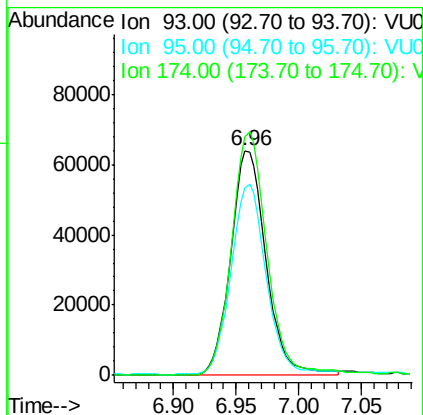
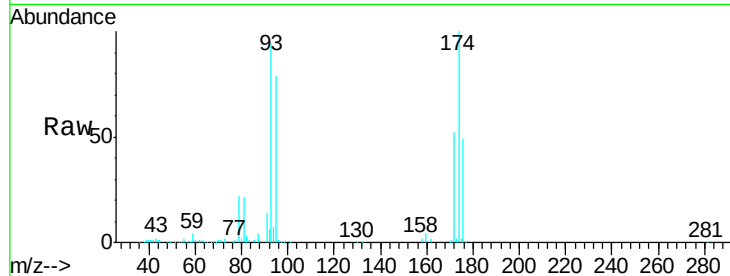
ClientSampleId :

VSTDCCC010

Tgt Ion:	93	Resp:	125367
Ion Ratio	Lower	Upper	
93	100		
95	83.5	65.1	97.7
174	109.4	84.2	126.4

Manual Integrations
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#44

Bromodichloromethane

Concen: 9.454 ug/l

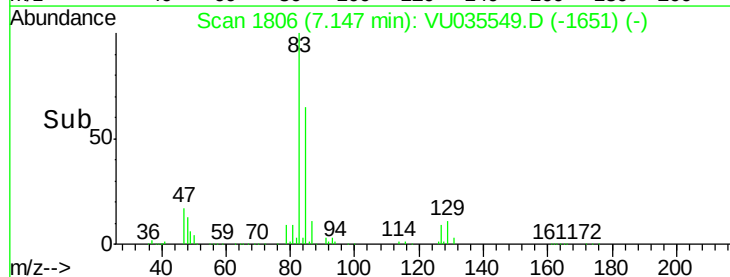
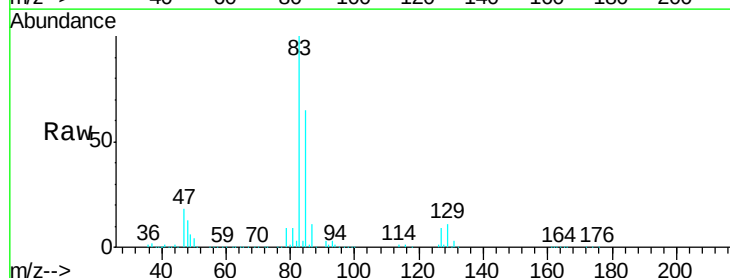
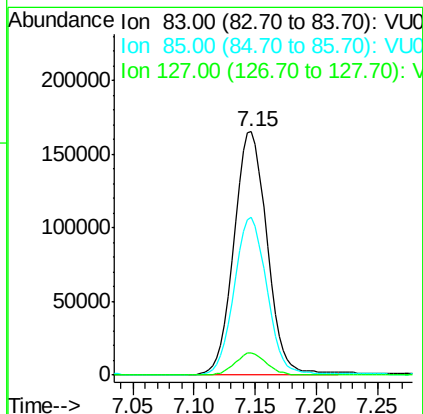
RT: 7.15 min Scan# 1806

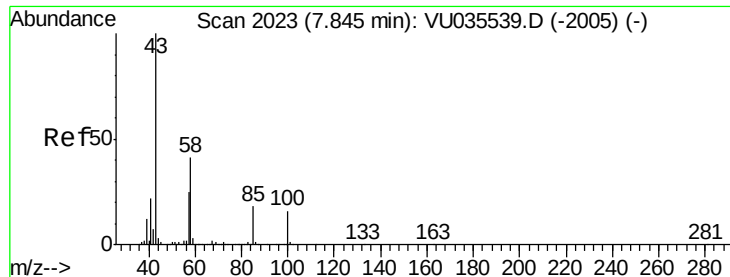
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion:	83	Resp:	310626
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.6	77.4
127	9.2	7.0	10.4





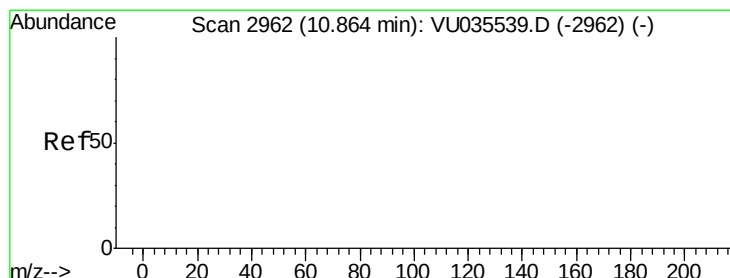
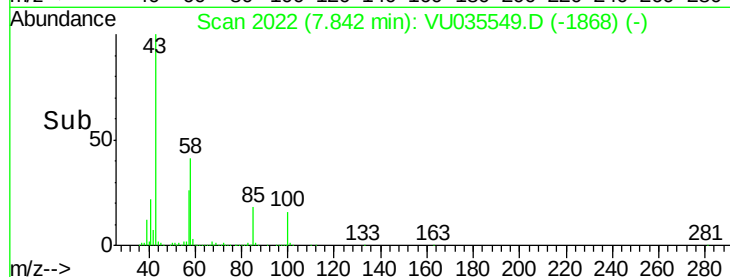
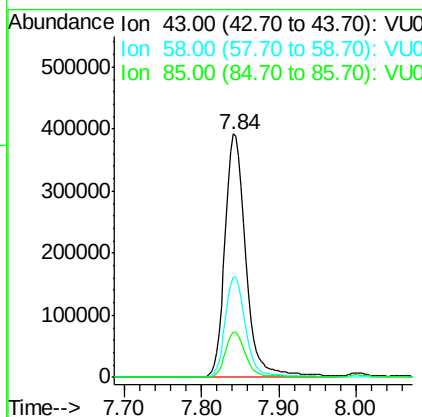
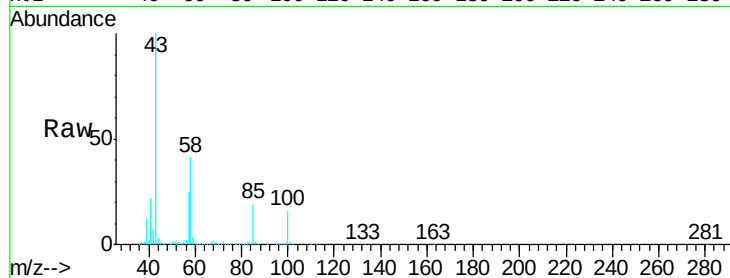
#45
 4-Methyl-2-Pentanone
 Concen: 52.564 ug/l
 RT: 7.84 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	20.6	61.8
85	18.0	14.5	21.7

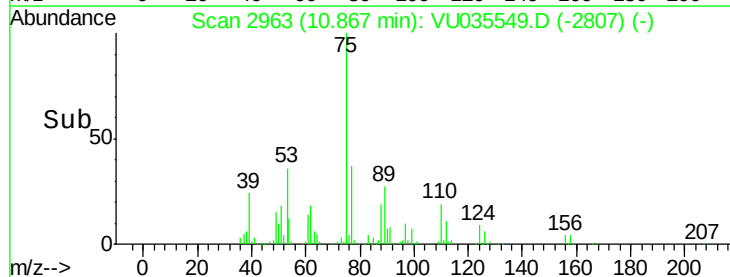
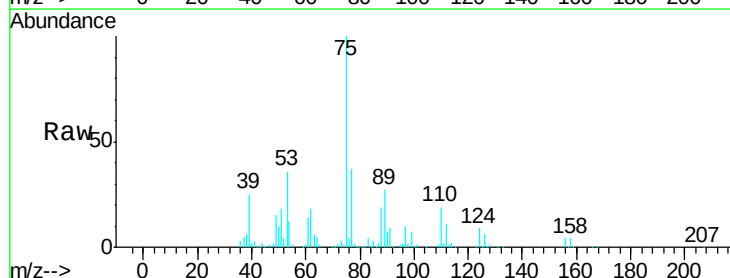
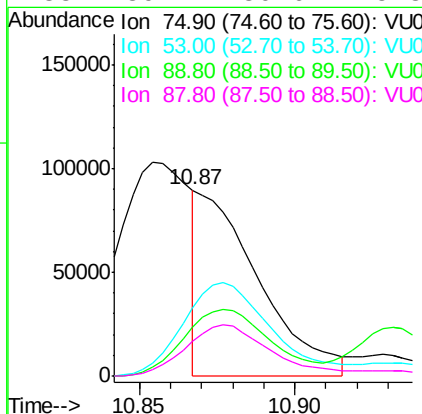
Manual Integrations
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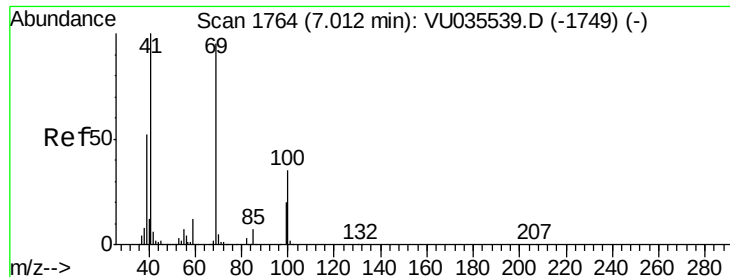
MMDadoda
 10/31/2019 4:09:11 PM



#46
 t-1,4-Dichloro-2-butene
 Concen: 23.498 ug/l m
 RT: 10.87 min Scan# 2963
 Delta R.T. 0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.5	54.1	81.1
89	52.3	38.2	57.4
88	39.4	30.6	45.8





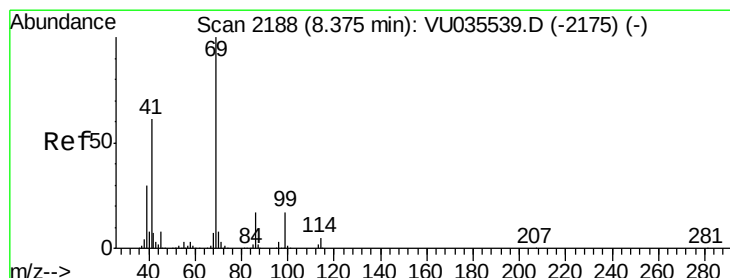
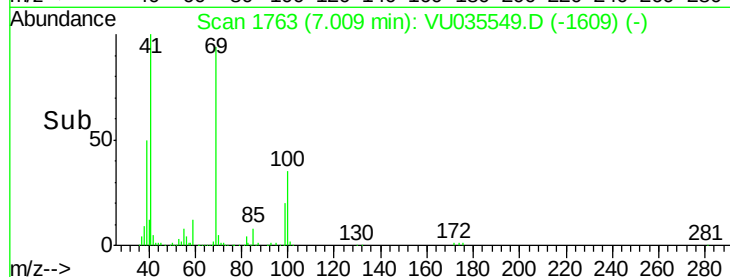
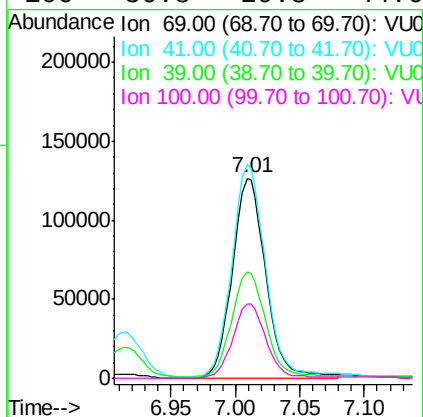
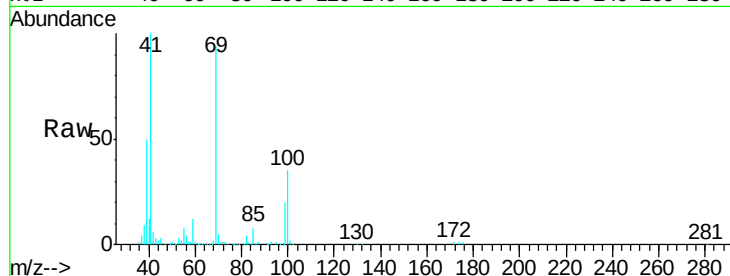
#47
Methyl methacrylate
Concen: 20.865 ug/l
RT: 7.01 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
69	100		
41	107.1	0.0	216.8
39	53.8	45.1	67.7
100	36.8	29.8	44.6

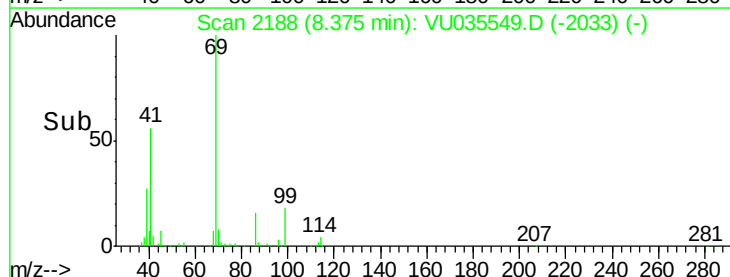
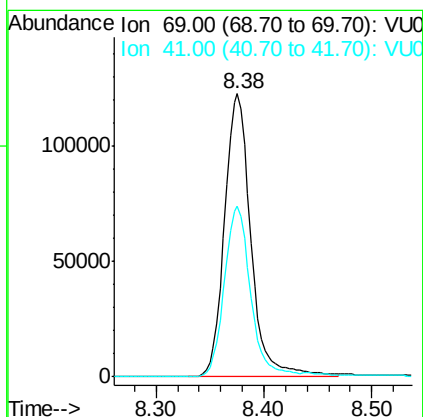
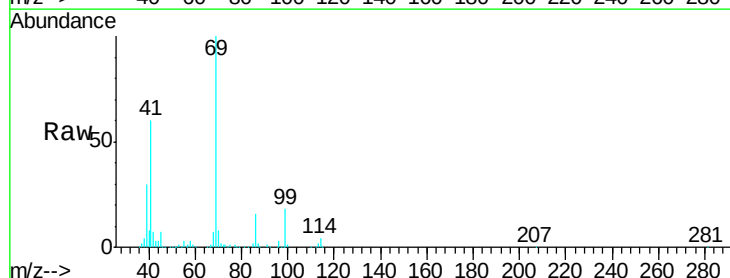
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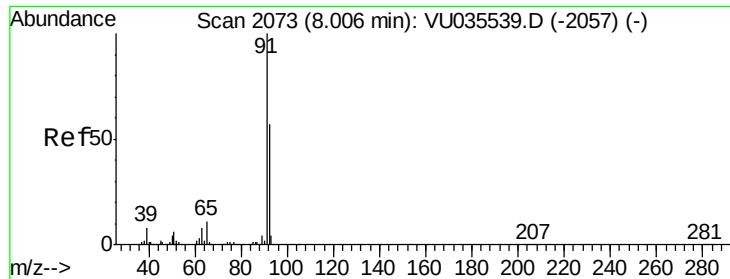
MMDadoda
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#48
Ethyl methacrylate
Concen: 10.989 ug/l
RT: 8.38 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.4	30.4	91.2





#49

Toluene

Concen: 10.535 ug/l

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 583219

Ion Ratio Lower Upper

92 100

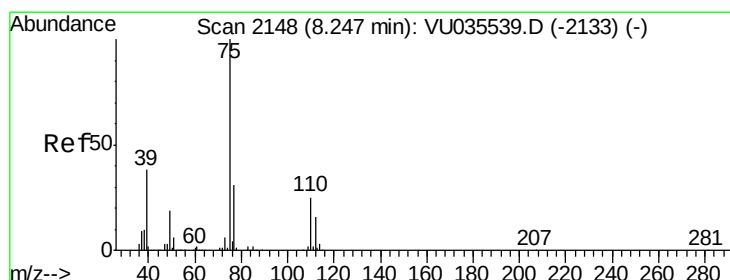
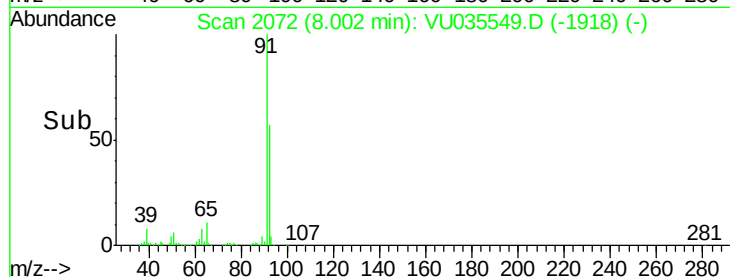
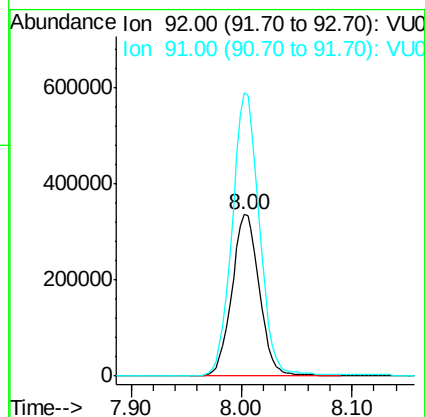
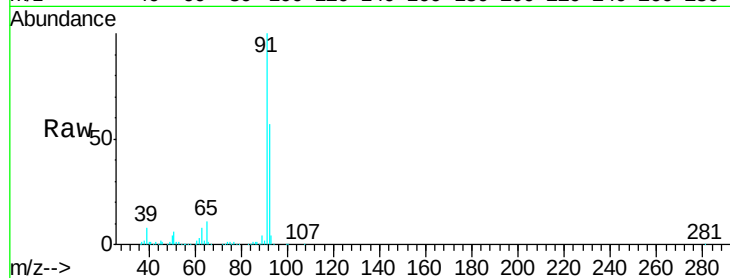
91 173.7 141.4 212.0

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#50

t-1,3-Dichloropropene

Concen: 10.246 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035549.D

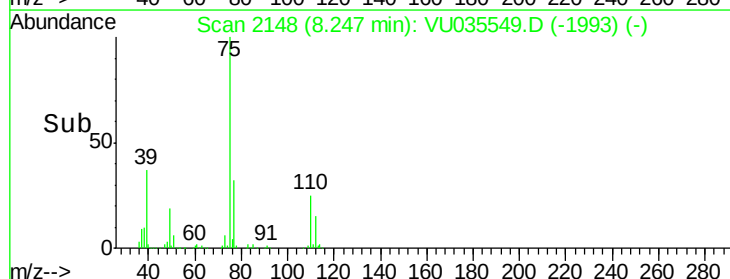
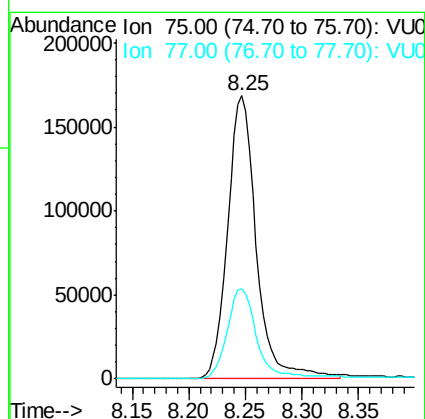
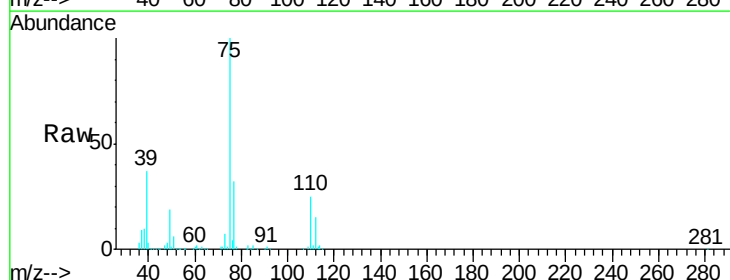
Acq: 30 Oct 2019 08:17

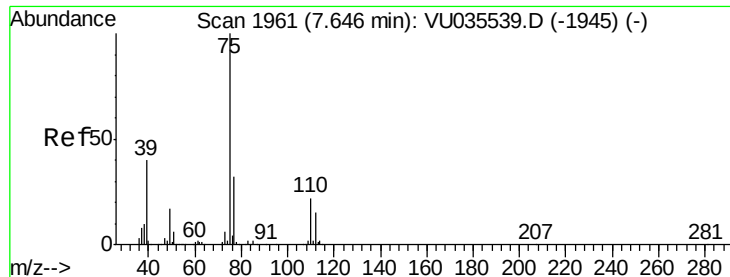
Tgt Ion: 75 Resp: 298116

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8





#51

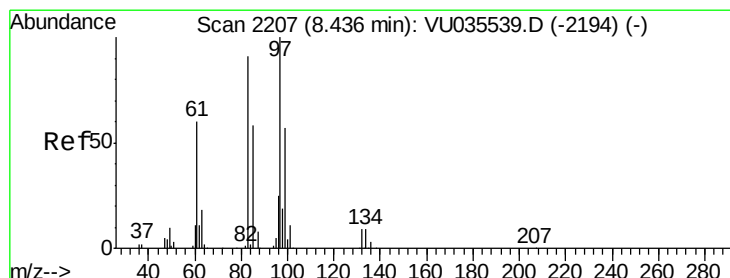
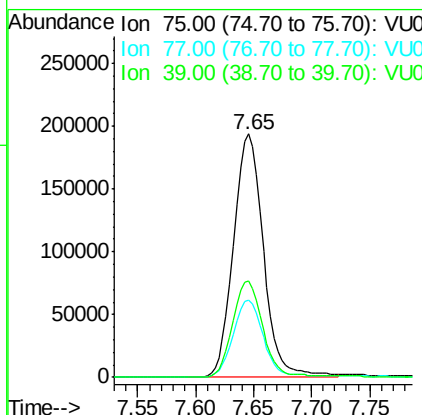
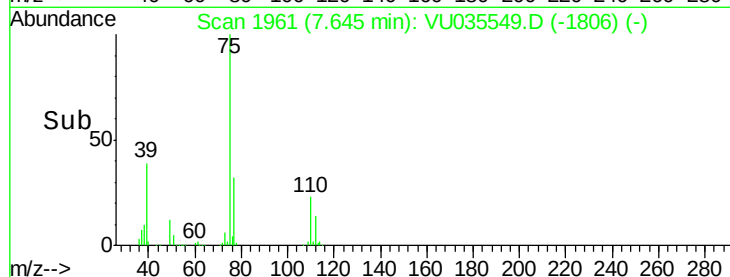
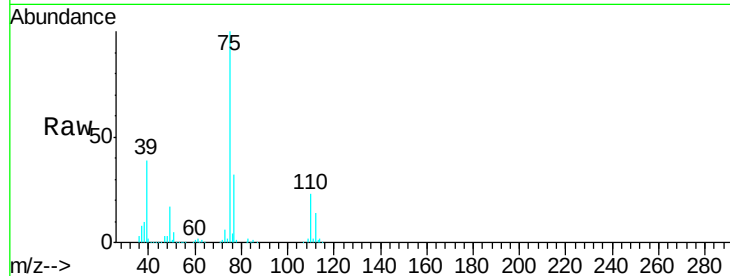
cis-1,3-Dichloropropene
Concen: 10.077 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	39.3	32.1	48.1

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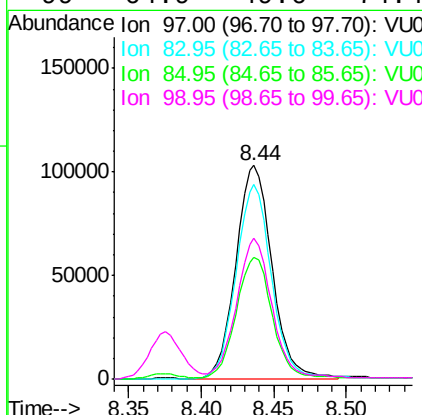
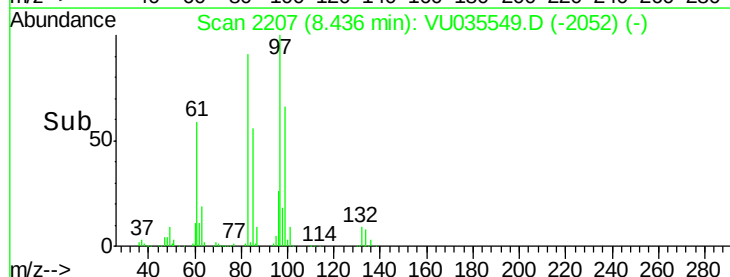
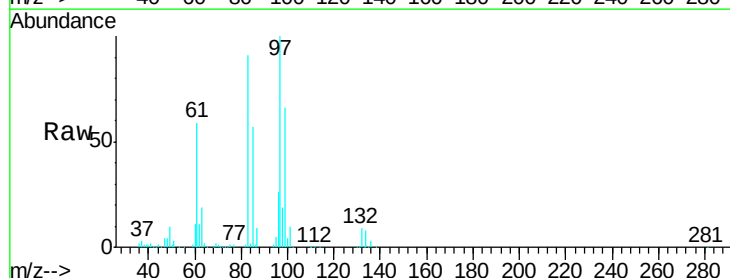
MMDadoda
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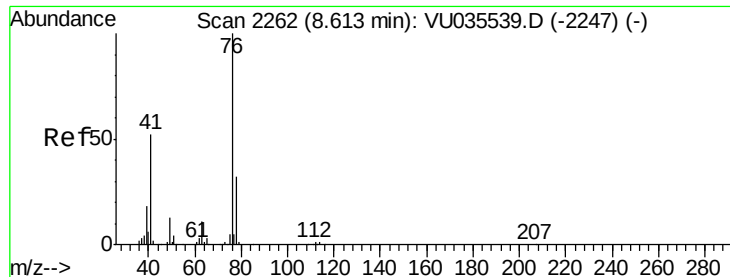


#52

1,1,2-Trichloroethane
Concen: 9.632 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	72.6	108.8
85	56.5	46.4	69.6
99	64.9	49.6	74.4





#53

1,3-Dichloropropane

Concen: 10.048 ug/l

RT: 8.61 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 314678

Ion Ratio Lower Upper

76 100

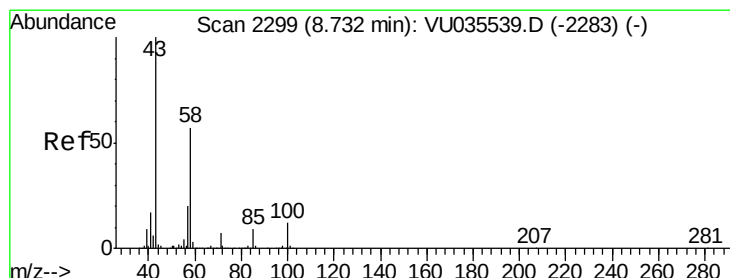
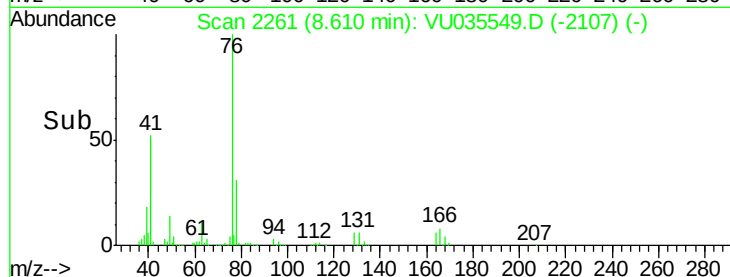
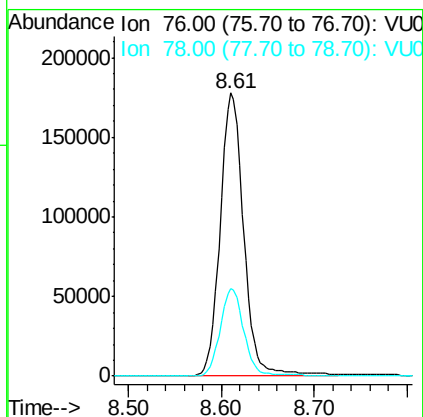
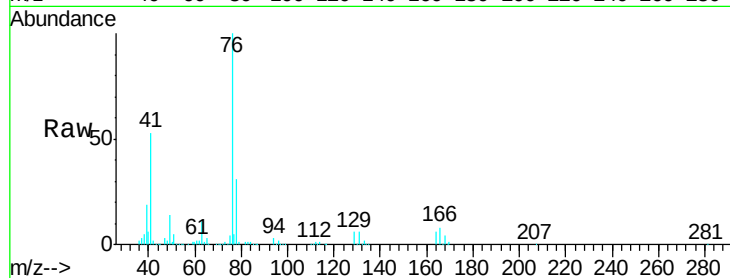
78 31.3 25.6 38.4

Manual Integrations

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#54

2-Hexanone

Concen: 54.175 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

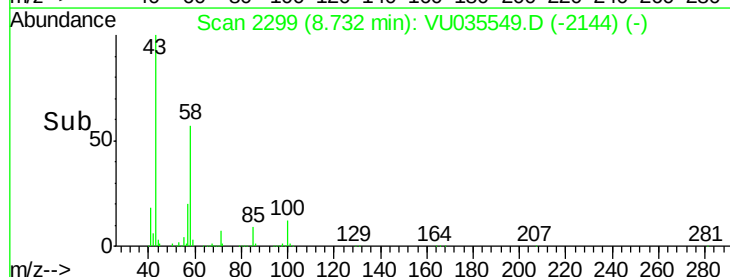
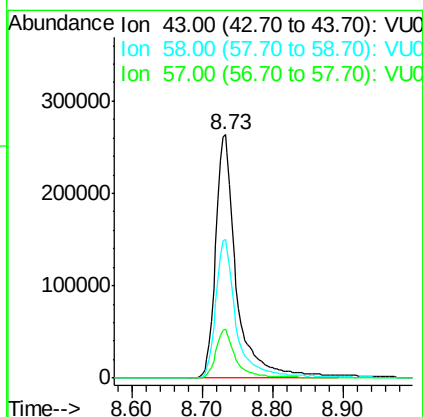
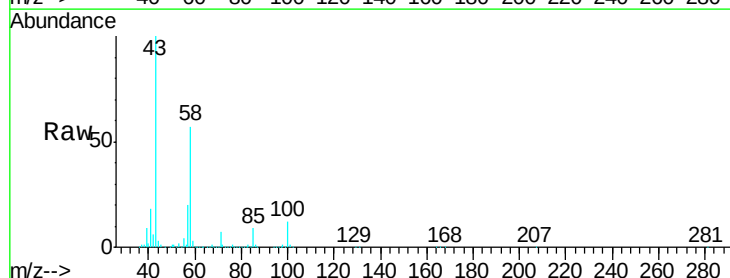
Tgt Ion: 43 Resp: 541324

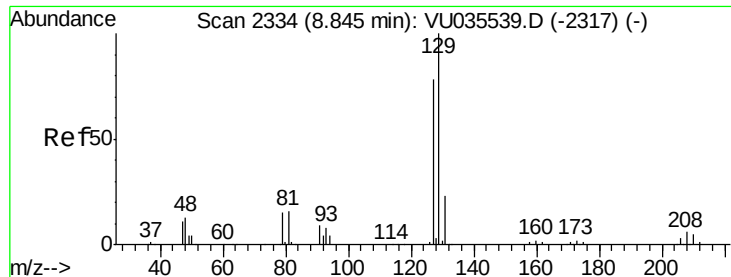
Ion Ratio Lower Upper

43 100

58 55.8 37.2 77.2

57 19.5 0.0 39.1





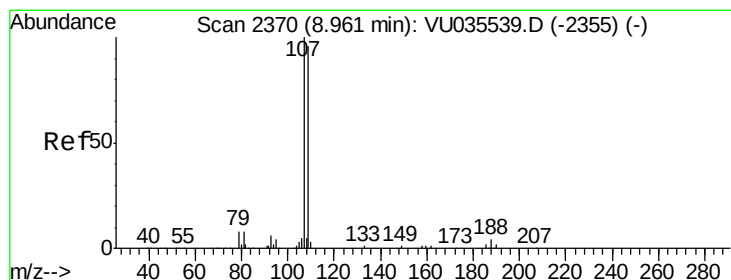
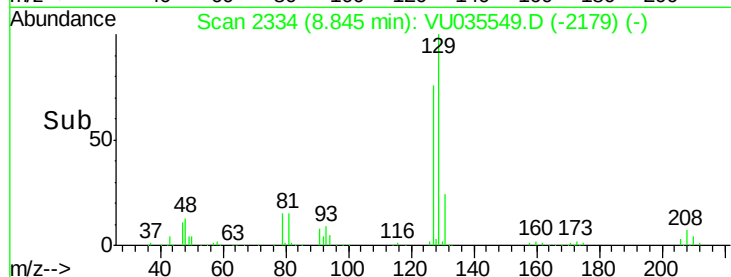
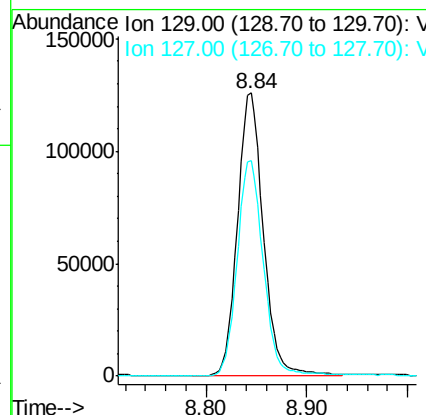
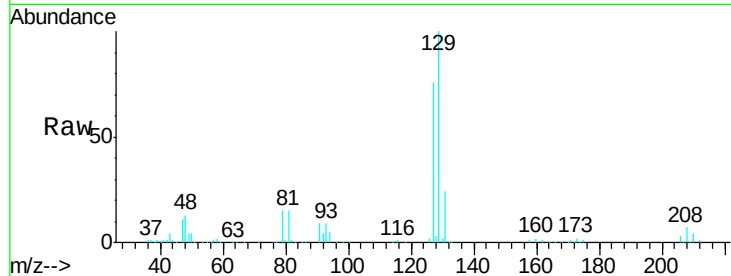
#55
Dibromochloromethane
Concen: 9.917 ug/l
RT: 8.84 min Scan# 2334
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	62.3	93.5

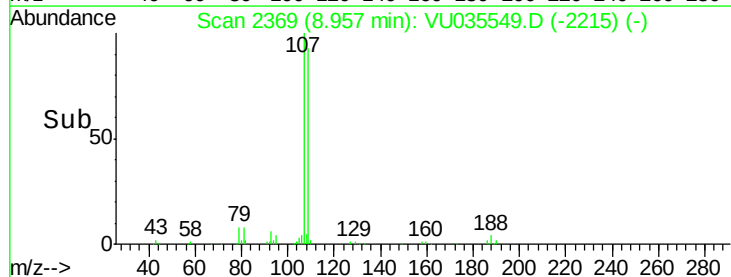
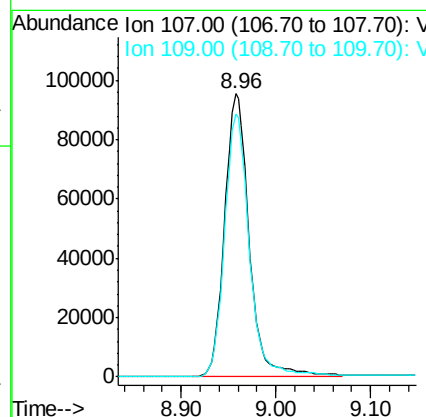
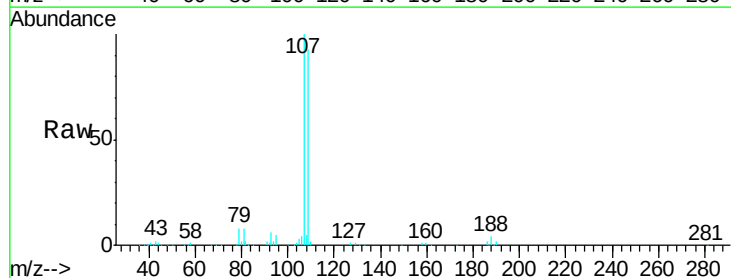
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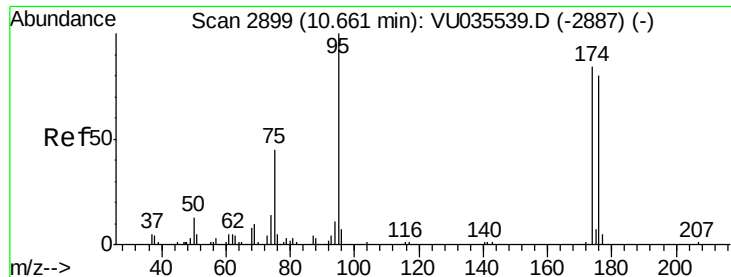
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#56
1,2-Dibromoethane
Concen: 10.246 ug/l
RT: 8.96 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	0.0	191.4





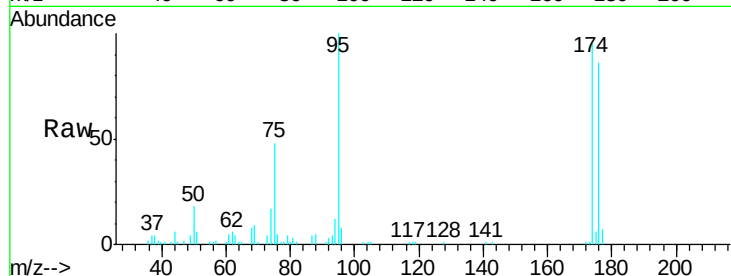
#57
4-Bromofluorobenzene
Concen: 1.208 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.4	70.2	105.4
176	88.6	67.7	101.5

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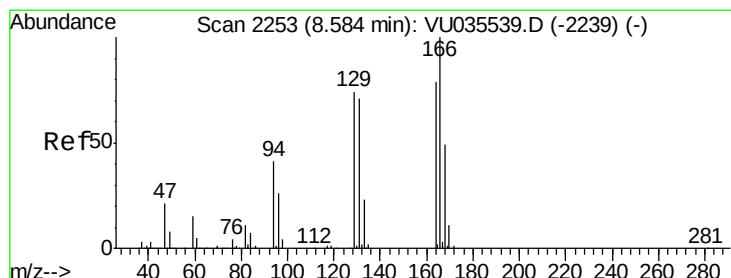
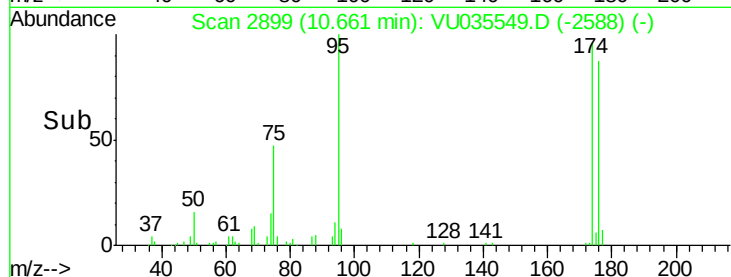
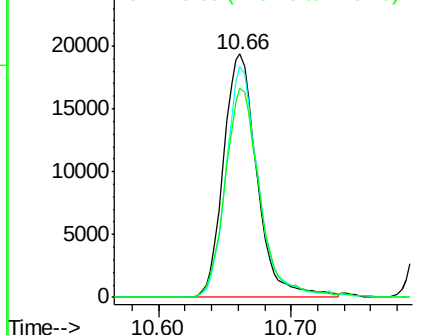


Abundance

Ion 95.00 (94.70 to 95.70): VU035539.D (-2887) (-)

Ion 174.00 (173.70 to 174.70): VU035539.D (-2887) (-)

Ion 176.00 (175.70 to 176.70): VU035539.D (-2887) (-)



#58
Tetrachloroethene
Concen: 9.886 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	100.6	151.0
129	91.8	74.1	111.1
131	90.3	71.1	106.7

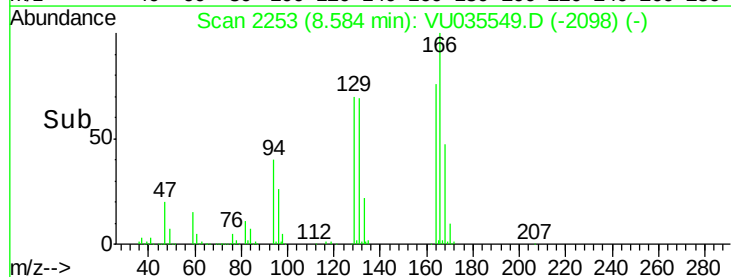
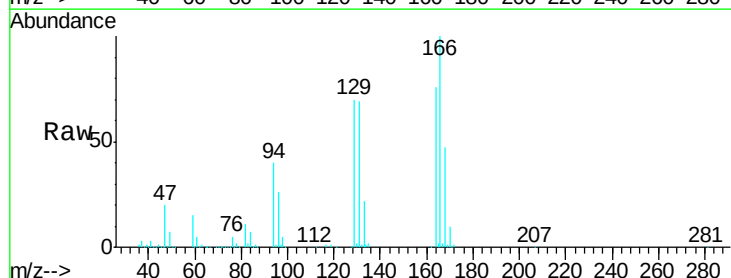
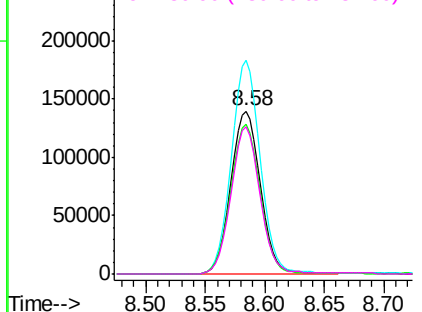
Abundance

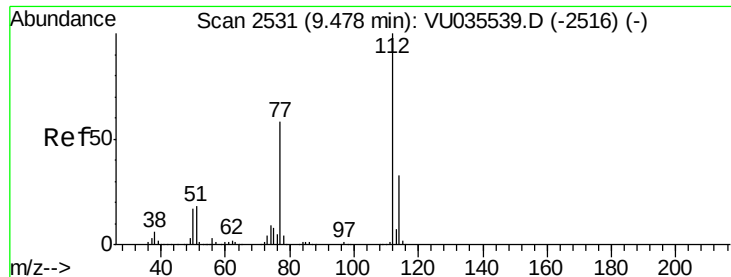
Ion 163.85 (163.55 to 164.55): VU035539.D (-2239) (-)

Ion 165.80 (165.50 to 166.50): VU035539.D (-2239) (-)

Ion 128.90 (128.60 to 129.60): VU035539.D (-2239) (-)

Ion 130.90 (130.60 to 131.60): VU035539.D (-2239) (-)





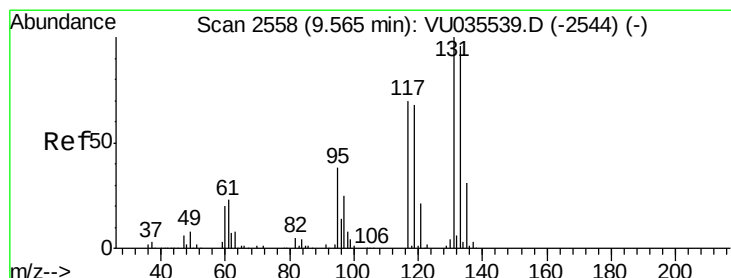
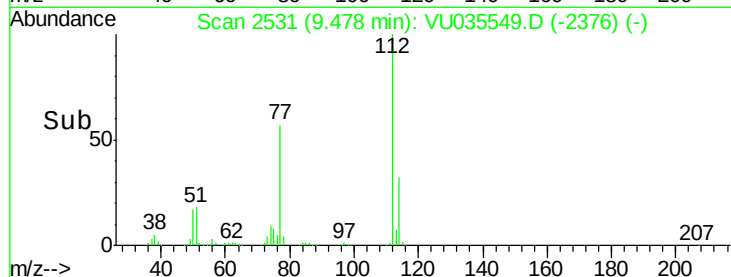
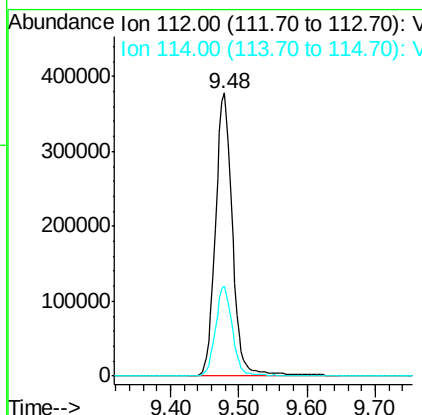
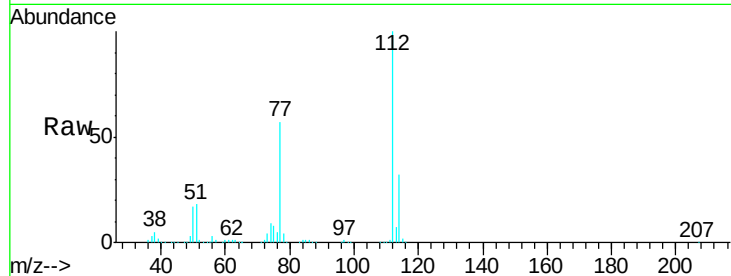
#59
Chlorobenzene
Concen: 10.326 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 659160
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7

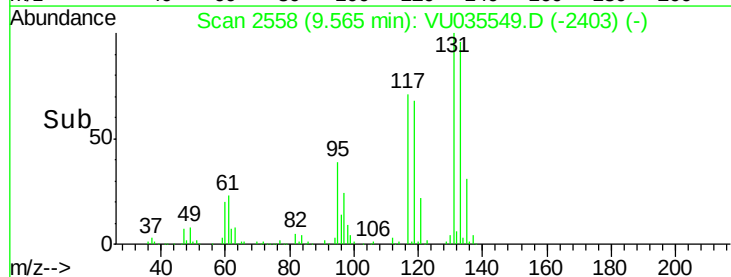
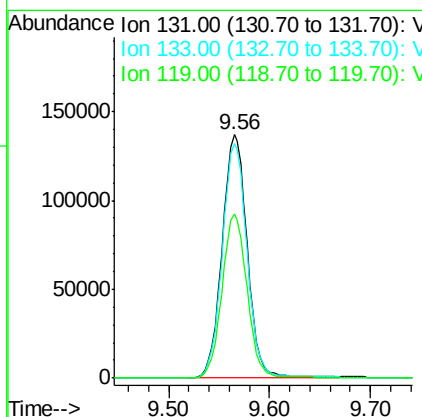
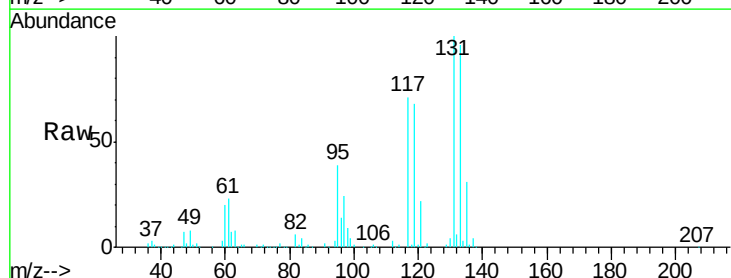
Manual Integrations
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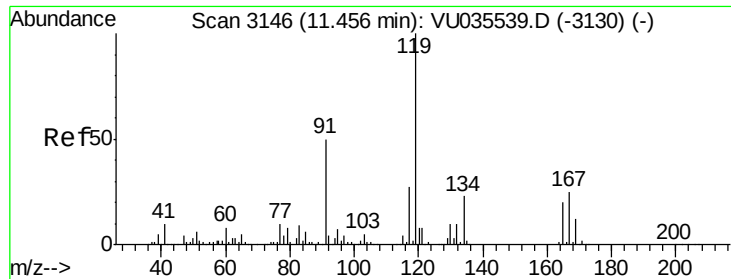
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.737 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:131 Resp: 238969
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 66.9 53.6 80.4





#61

Pentachloroethane

Concen: 9.656 ug/l

RT: 11.46 min Scan# 3146

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 193105

Ion Ratio Lower Upper

117 100

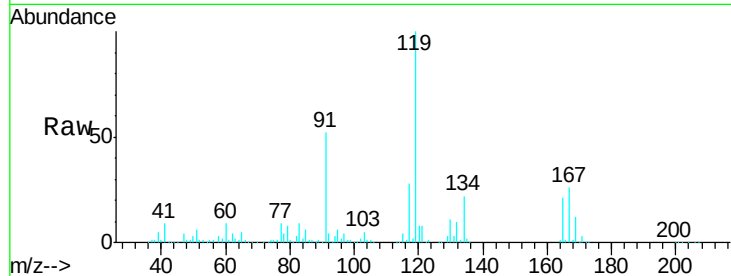
167 87.8 69.8 104.6

Manual Integrations

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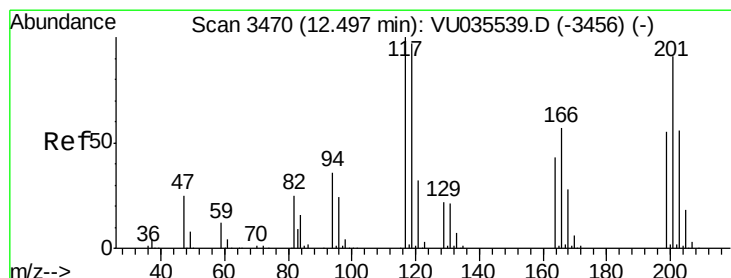
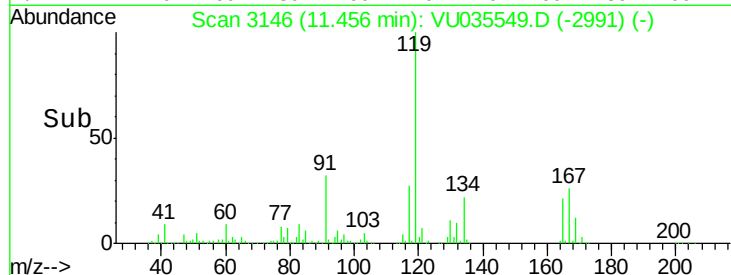
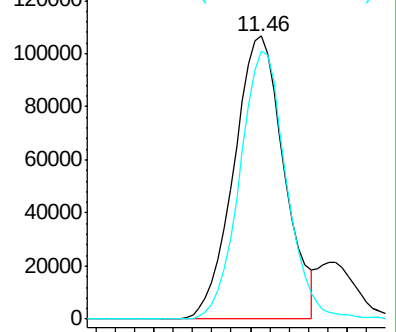
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 9.741 ug/l

RT: 12.50 min Scan# 3470

Delta R.T. -0.00 min

Lab File: VU035549.D

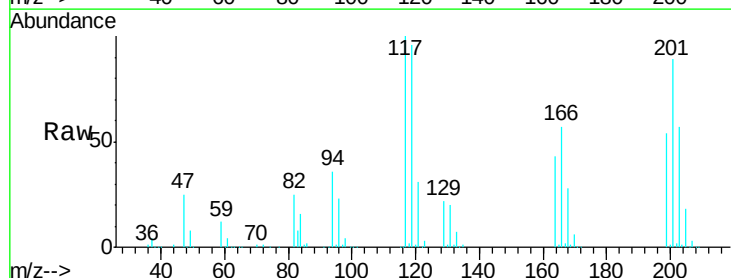
Acq: 30 Oct 2019 08:17

Tgt Ion:117 Resp: 177971

Ion Ratio Lower Upper

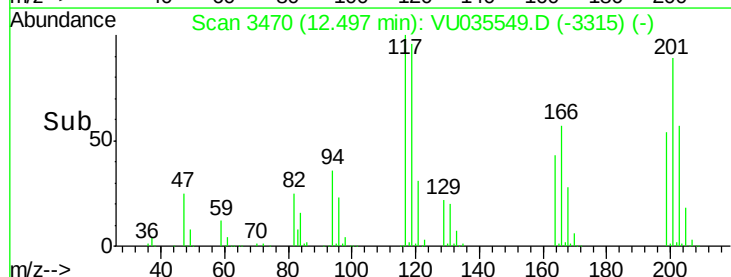
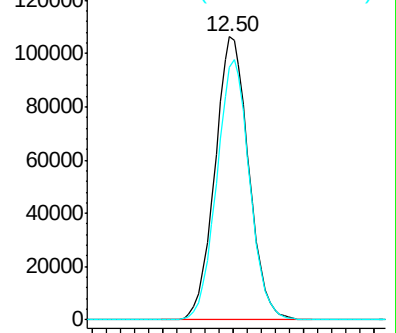
117 100

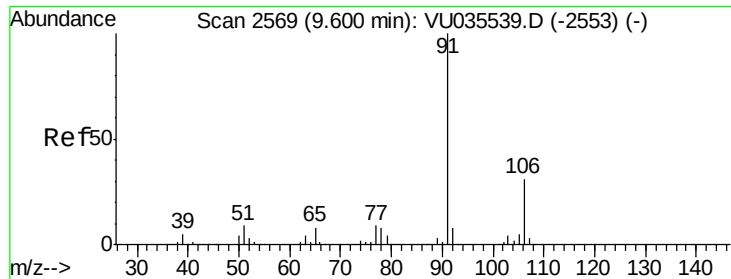
201 89.6 71.8 107.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





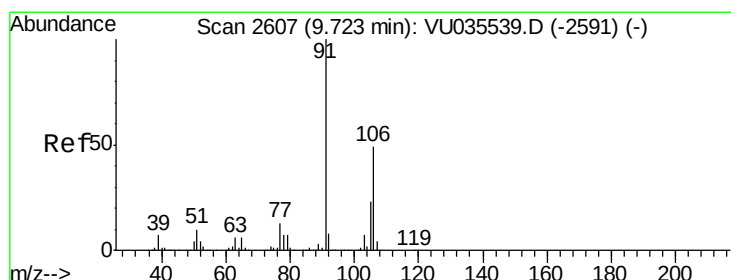
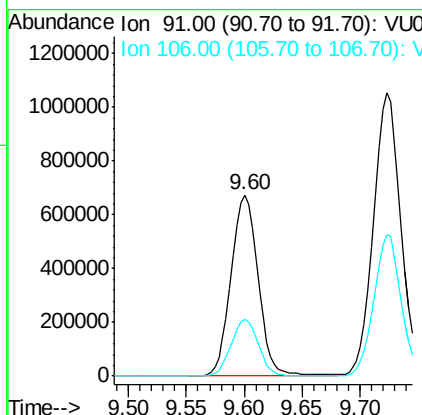
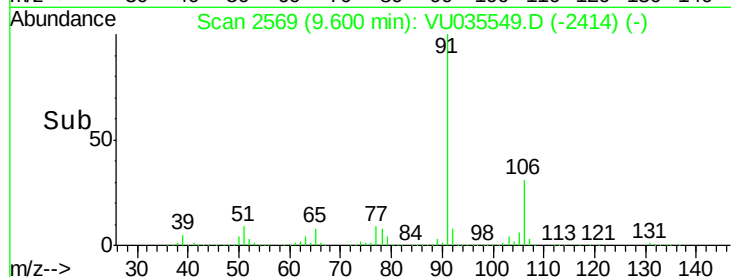
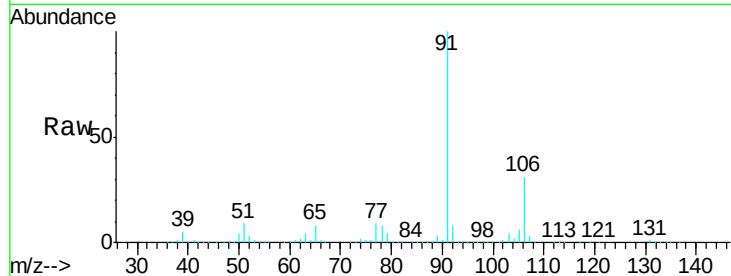
#63
Ethyl Benzene
Concen: 11.034 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1093844
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

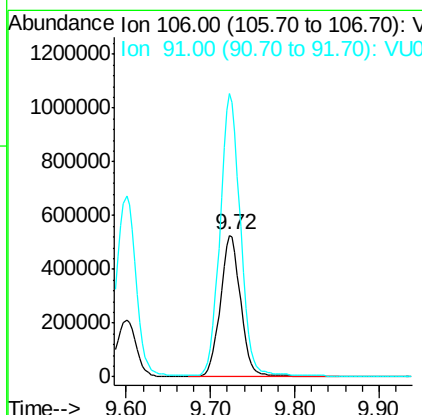
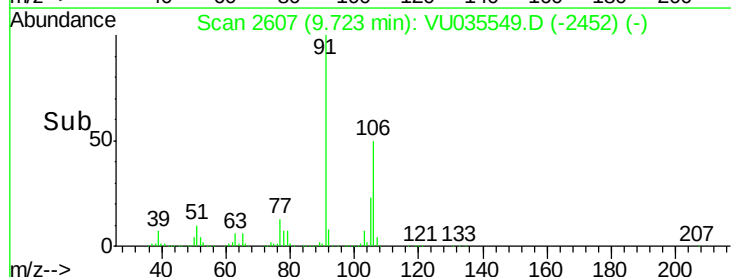
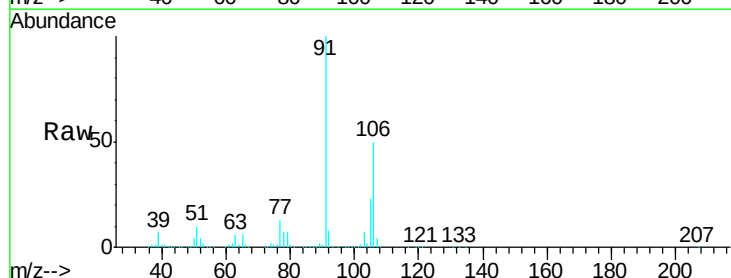
Manual Integrations
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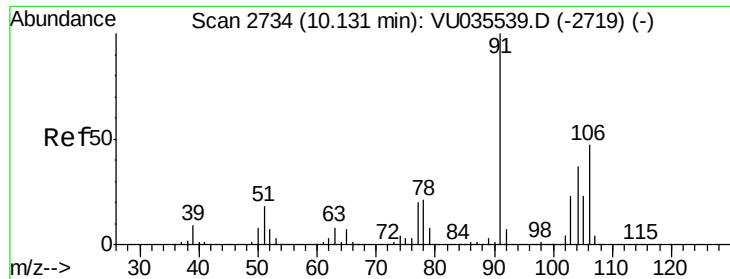
MMDadoda
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#64
m/p-Xylenes
Concen: 22.483 ug/l
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion: 106 Resp: 880065
Ion Ratio Lower Upper
106 100
91 204.2 81.0 121.4#





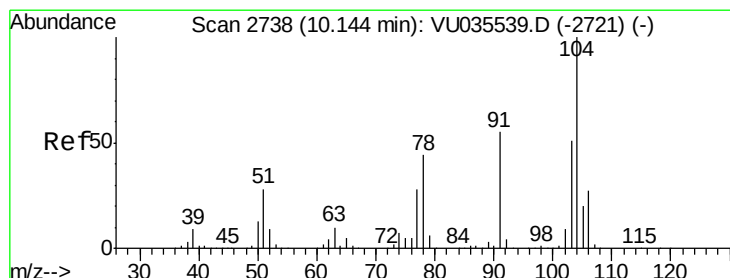
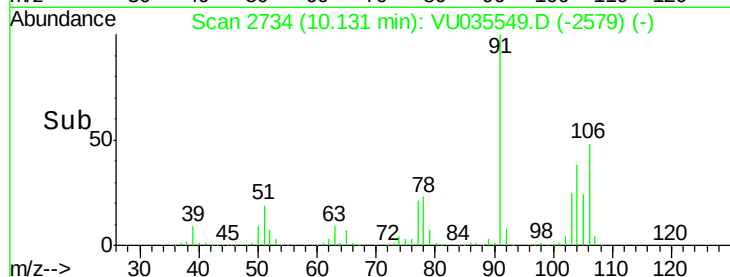
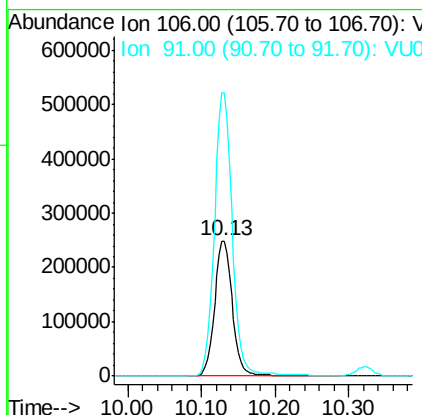
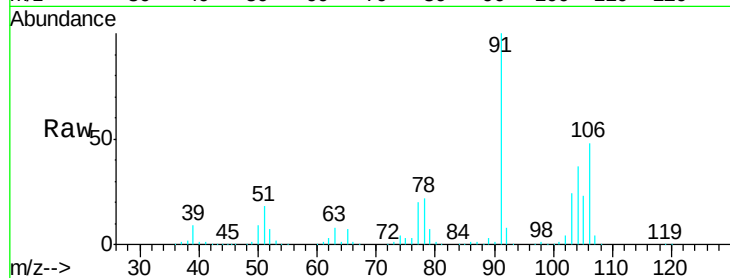
#65
o-Xylene
Concen: 11.000 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 416016
Ion Ratio Lower Upper
106 100
91 210.0 107.1 321.1

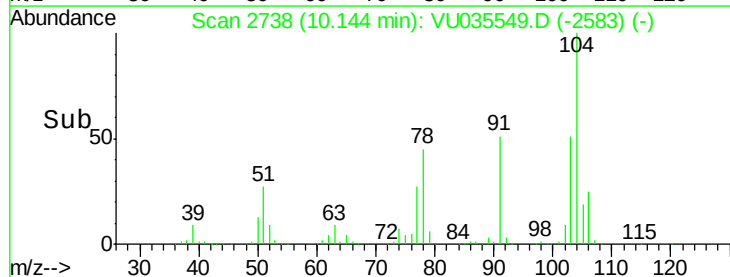
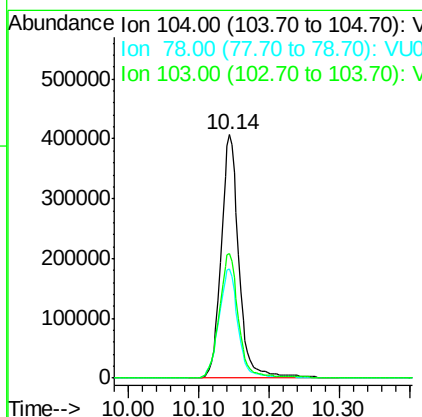
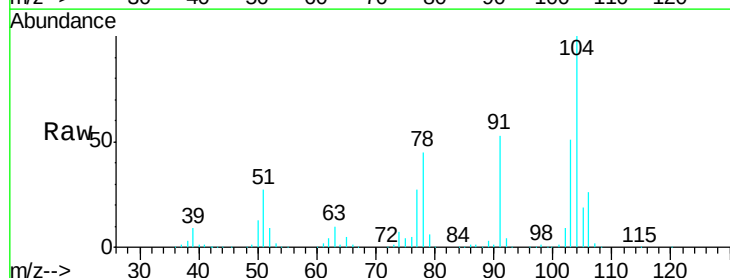
Manual Integrations
APPROVED

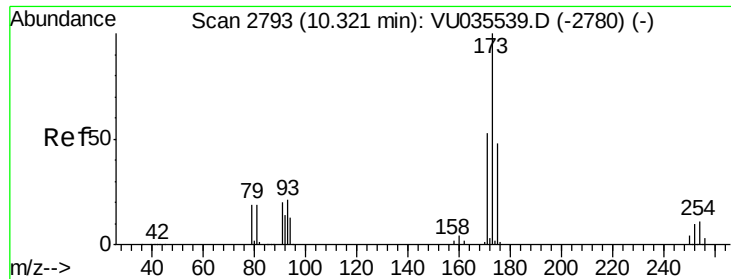
MMDadoda
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#66
Styrene
Concen: 11.436 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion:104 Resp: 715990
Ion Ratio Lower Upper
104 100
78 48.2 38.6 58.0
103 55.1 43.6 65.4





#67

Bromoform

Concen: 10.194 ug/l

RT: 10.32 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

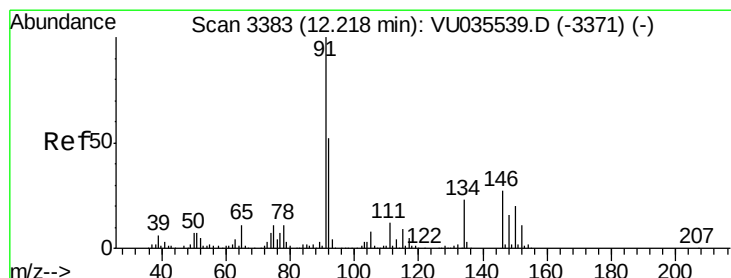
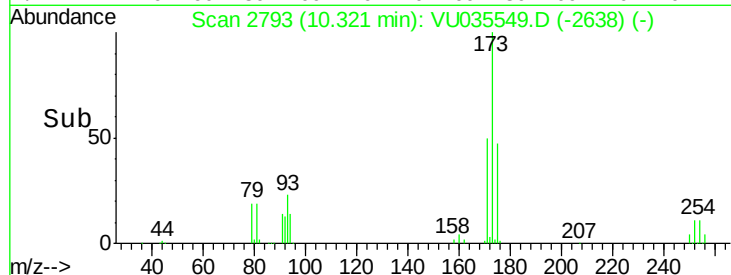
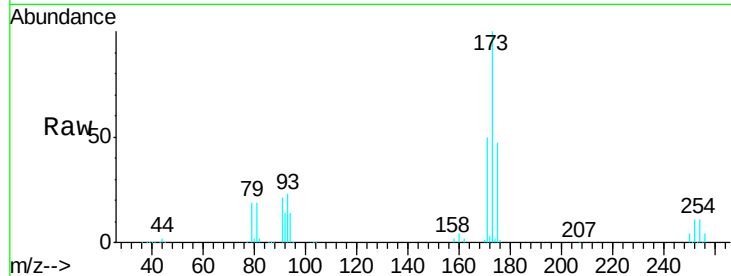
ClientSampleId :

VSTDCCC010

Tgt Ion:	173	Resp:	142699
Ion Ratio	Lower	Upper	
173	100		
175	47.1	38.7	58.1
254	10.5	8.2	12.2

Manual Integrations
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#68

1,2-Dichlorobenzene-d4

Concen: 1.038 ug/l

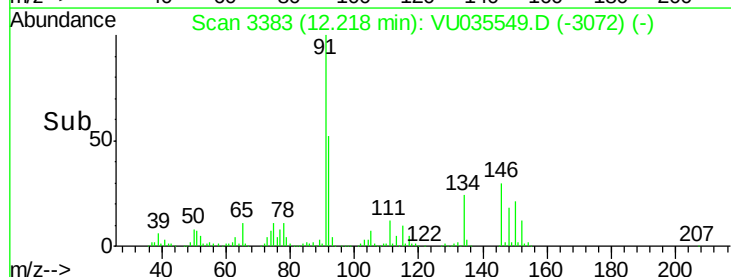
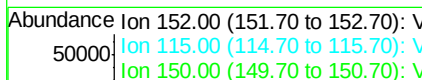
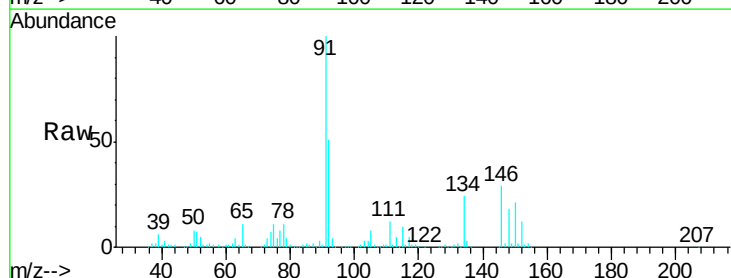
RT: 12.22 min Scan# 3383

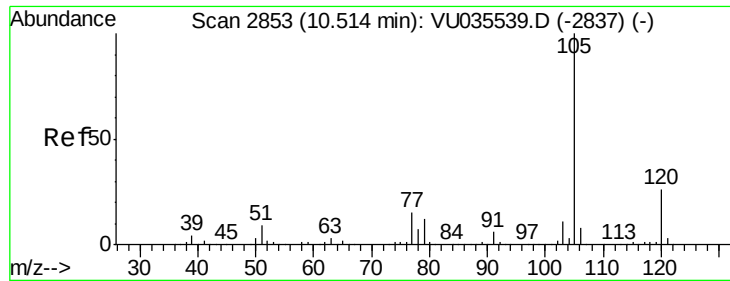
Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Tgt Ion:	152	Resp:	31171
Ion Ratio	Lower	Upper	
152	100		
115	129.0	0.0	250.6
150	318.1	0.0	656.8





#69

Isopropylbenzene

Concen: 10.931 ug/l

RT: 10.51 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 1077969

Ion Ratio Lower Upper

105 100

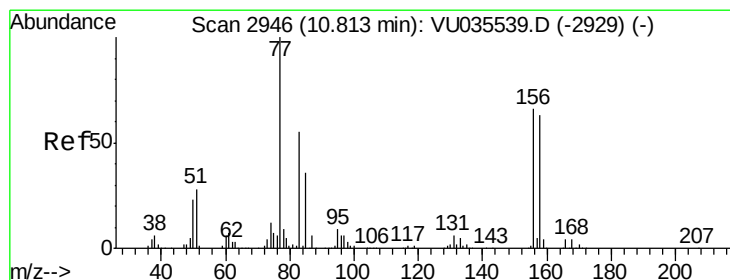
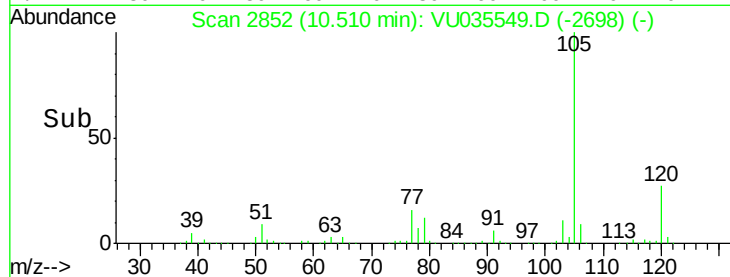
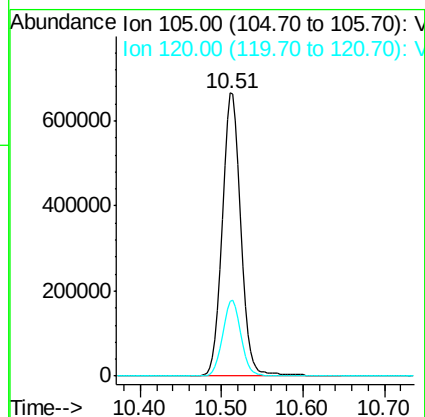
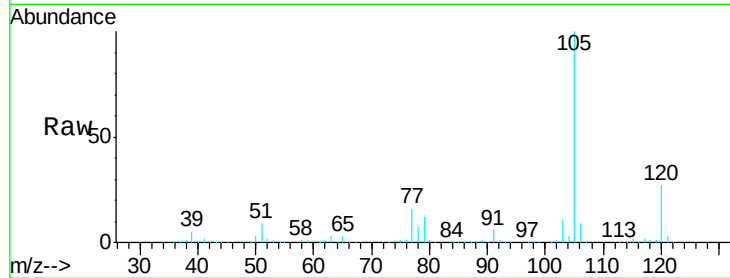
120 26.8 13.2 39.5

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 9.679 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

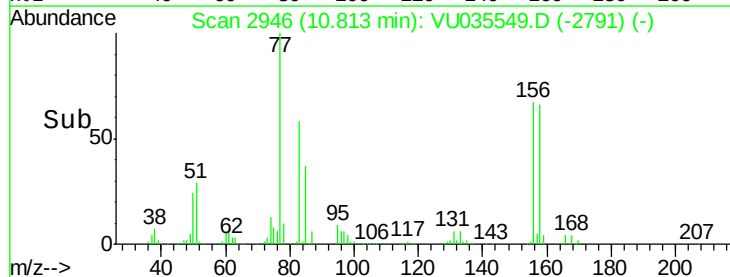
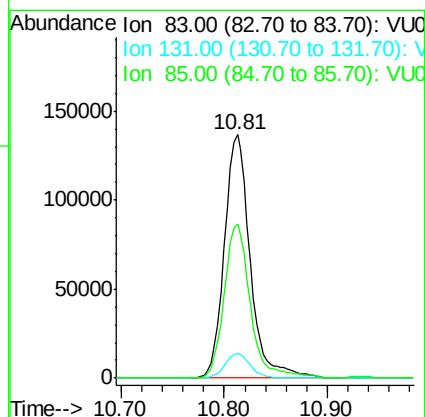
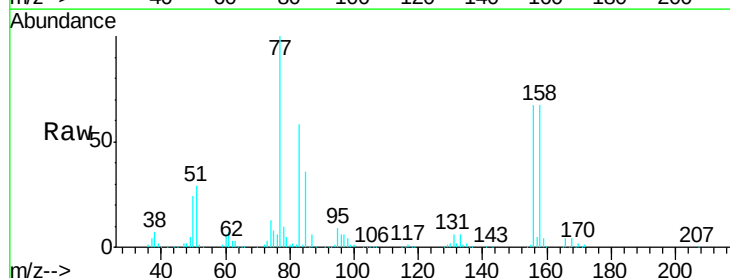
Tgt Ion: 83 Resp: 238476

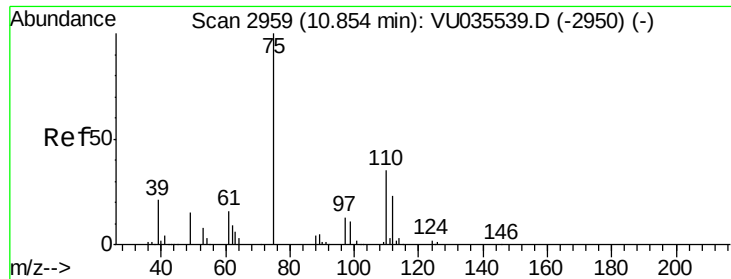
Ion Ratio Lower Upper

83 100

131 10.1 0.0 0.0#

85 64.3 33.5 50.3#





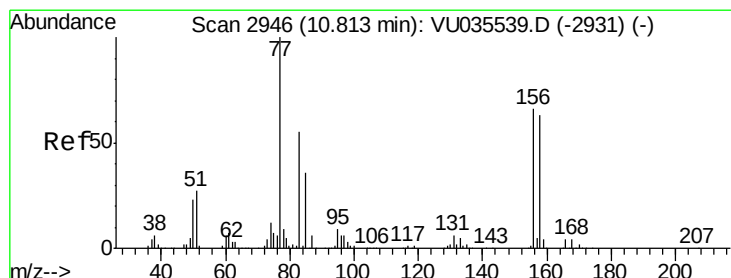
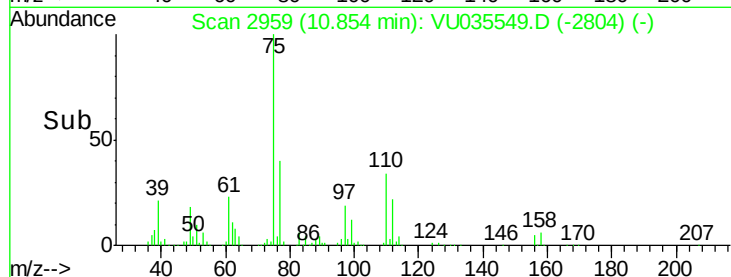
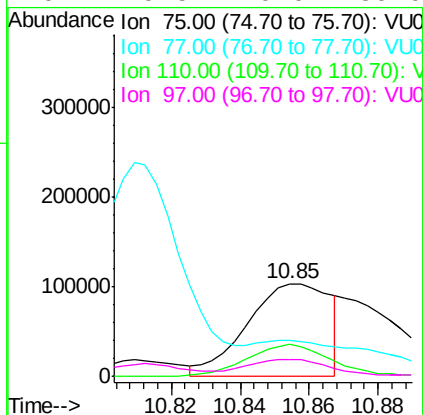
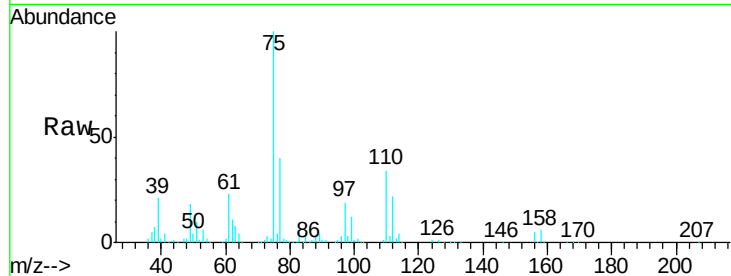
#71
 1,2,3-Trichloropropane
 Concen: 9.325 ug/l m
 RT: 10.85 min Scan# 2959
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	68.6
110	35.0	0.0	77.2
97	19.5	0.0	39.0

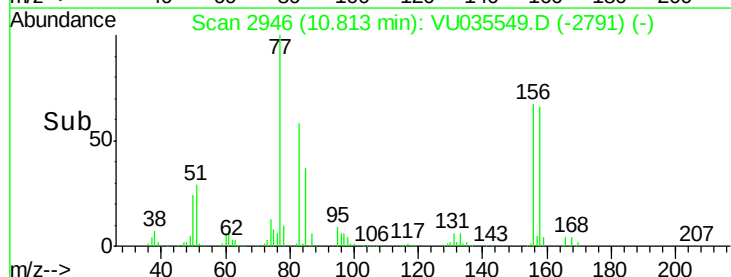
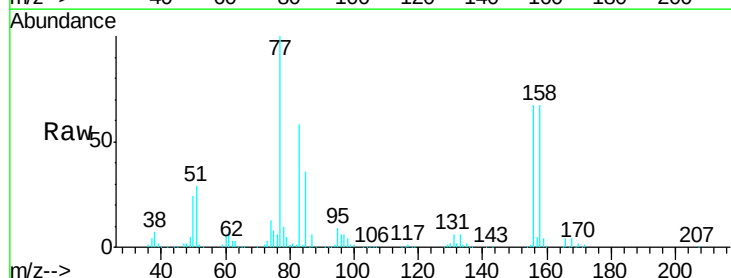
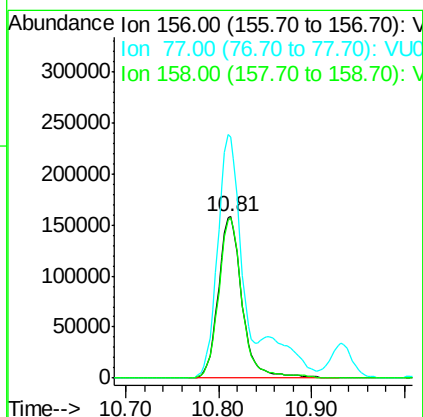
Manual Integrations
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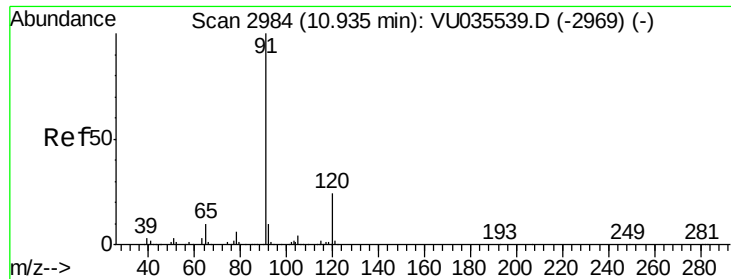
MMDadoda
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#72
 Bromobenzene
 Concen: 10.213 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Lower	Upper
156	100		
77	144.9	0.0	300.4
158	98.6	0.0	194.4





#73

n-propylbenzene

Concen: 11.396 ug/l

RT: 10.93 min Scan# 2983

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:120 Resp: 313842

Ion Ratio Lower Upper

120 100

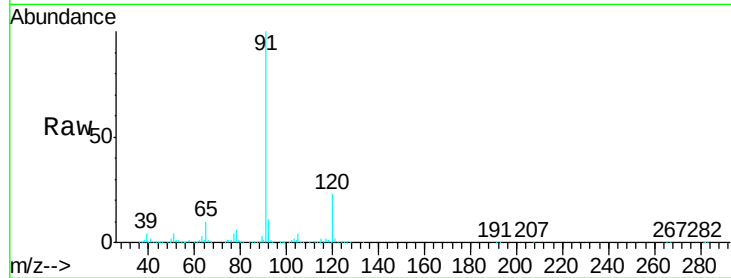
91 422.4 340.6 510.8

Manual Integrations

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

1000000

800000

600000

400000

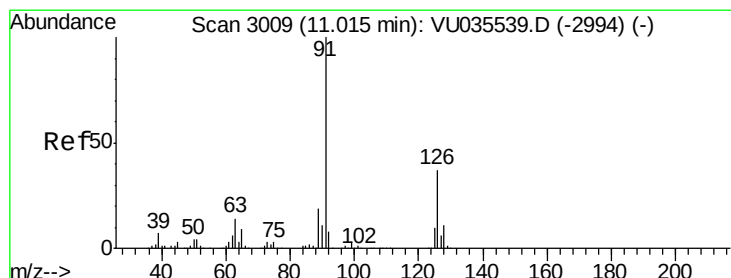
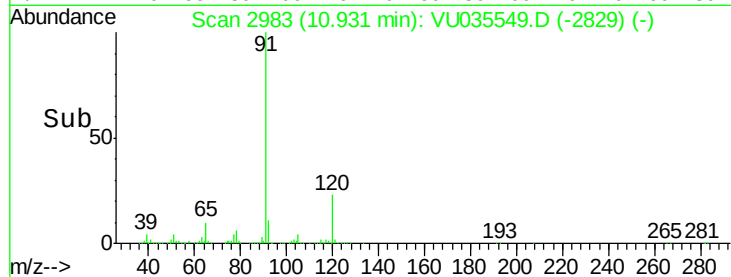
200000

0

10.90

11.00

Time-->



#74

2-Chlorotoluene

Concen: 10.689 ug/l

RT: 11.01 min Scan# 3008

Delta R.T. -0.00 min

Lab File: VU035549.D

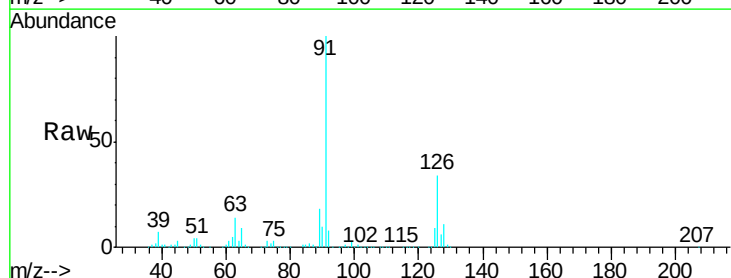
Acq: 30 Oct 2019 08:17

Tgt Ion:126 Resp: 276004

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

1000000

800000

600000

400000

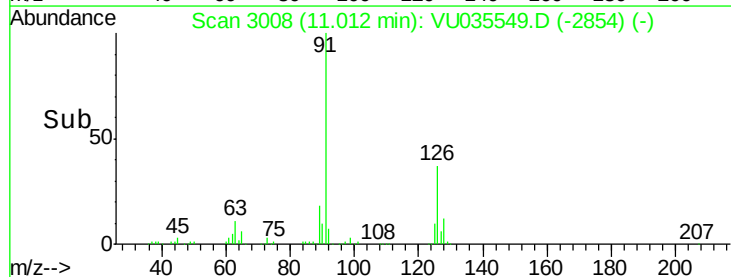
200000

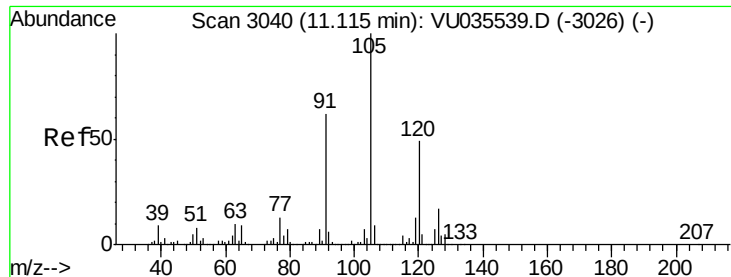
0

11.00

11.10

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 11.208 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 910751

Ion Ratio Lower Upper

105 100

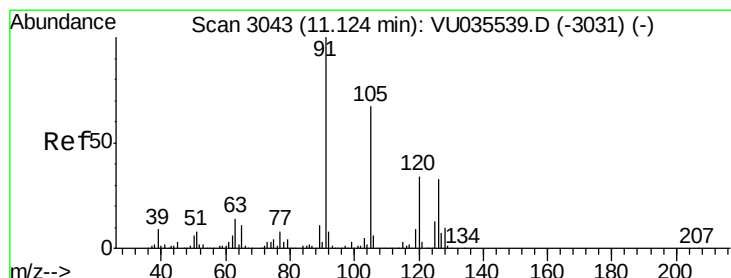
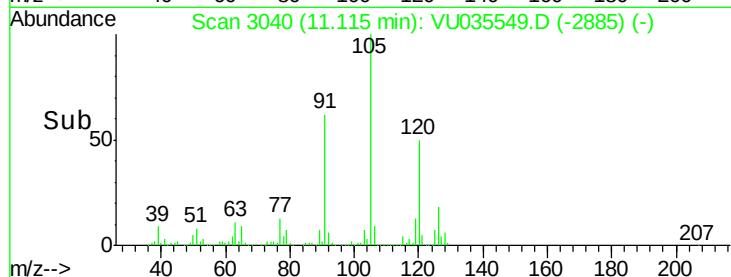
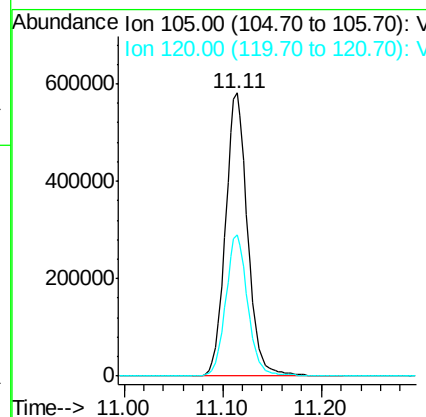
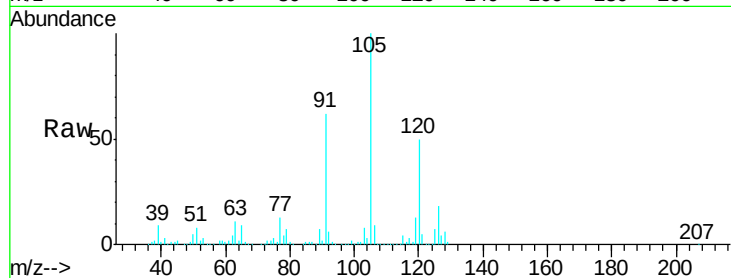
120 49.8 39.4 59.2

Manual Integrations

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#76

4-Chlorotoluene

Concen: 10.910 ug/l

RT: 11.12 min Scan# 3043

Delta R.T. -0.00 min

Lab File: VU035549.D

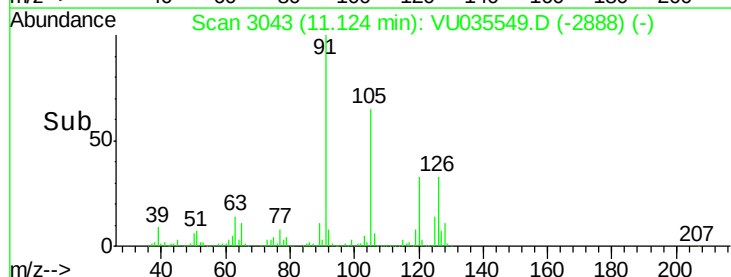
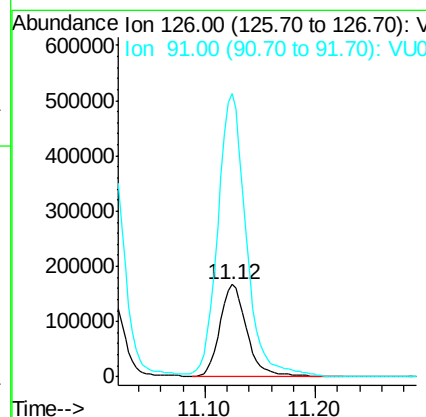
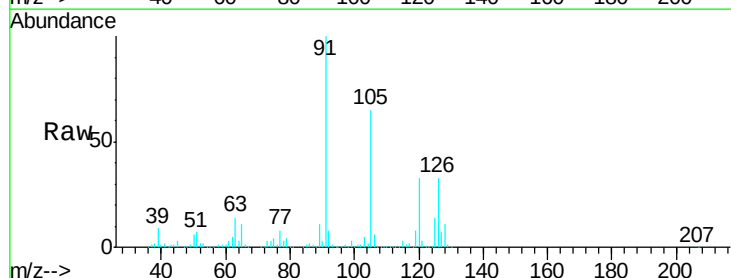
Acq: 30 Oct 2019 08:17

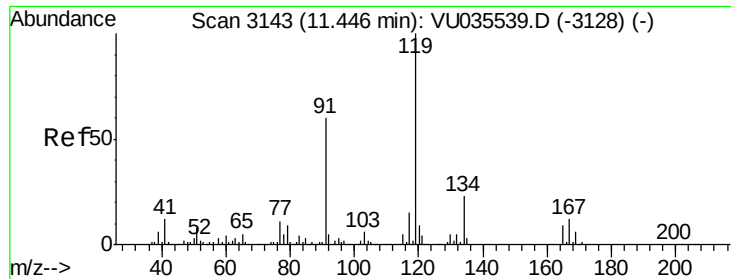
Tgt Ion:126 Resp: 286133

Ion Ratio Lower Upper

126 100

91 319.6 0.0 637.0





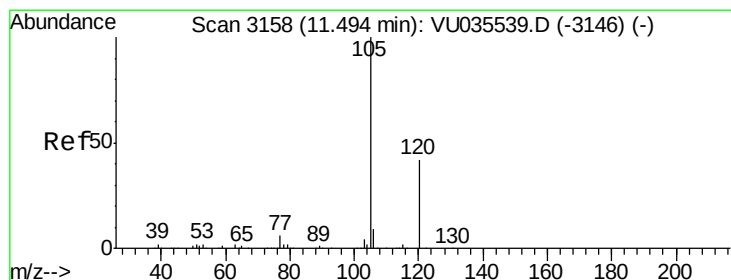
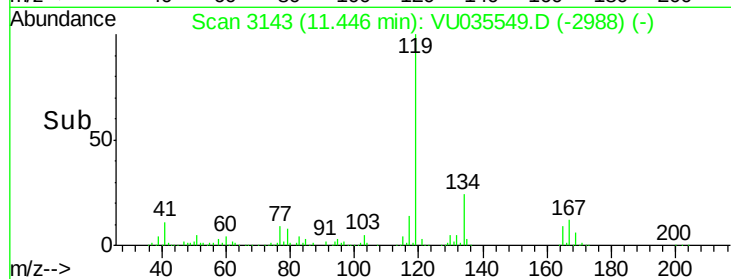
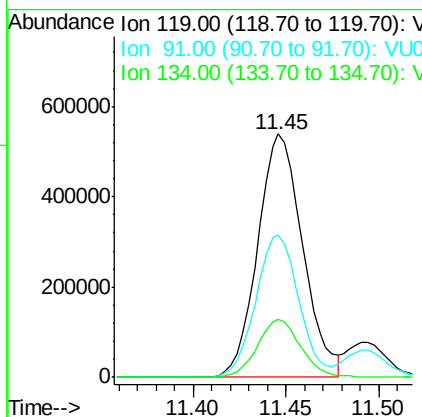
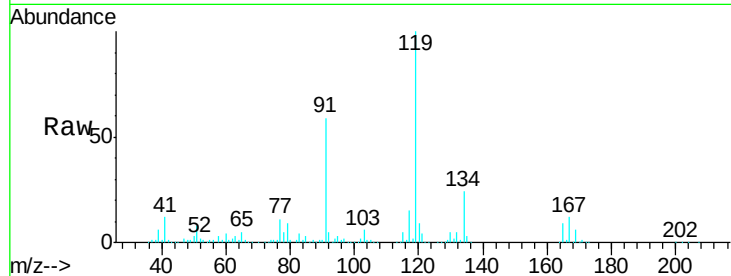
#77
 tert-Butylbenzene
 Concen: 10.888 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	907352		
91	56.0		27.9	83.7
134	23.1		18.3	27.5

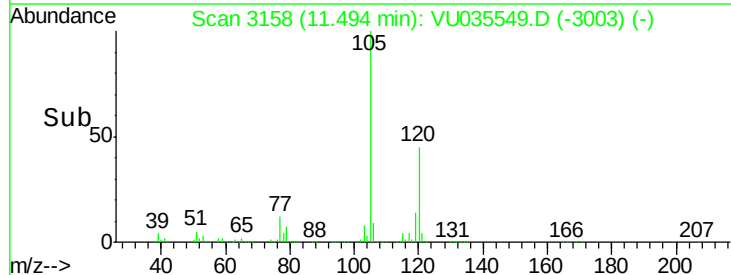
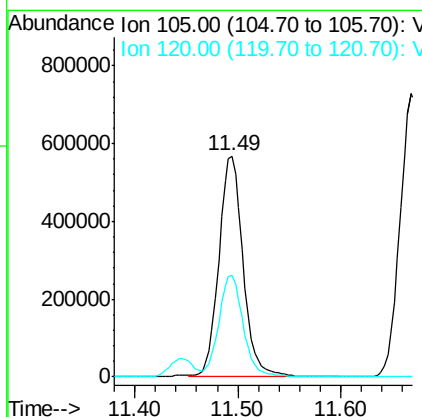
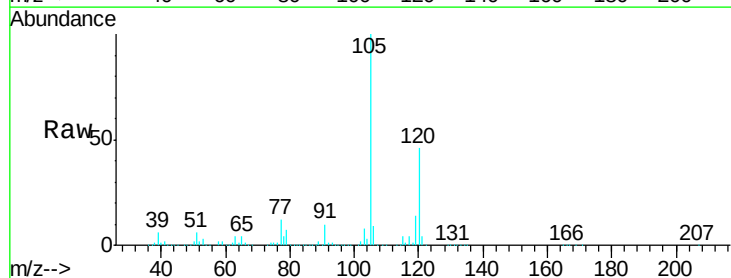
Manual Integrations
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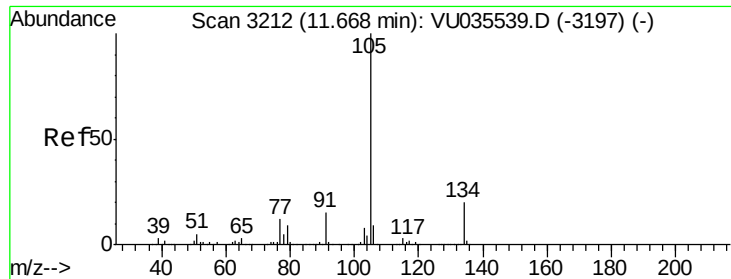
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#78
 1,2,4-Trimethylbenzene
 Concen: 11.229 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	923418		
120	46.2		23.2	69.5





#79

sec-Butylbenzene

Concen: 11.000 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 1172668

Ion Ratio Lower Upper

105 100

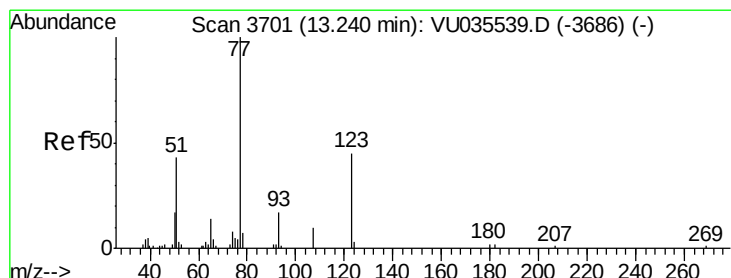
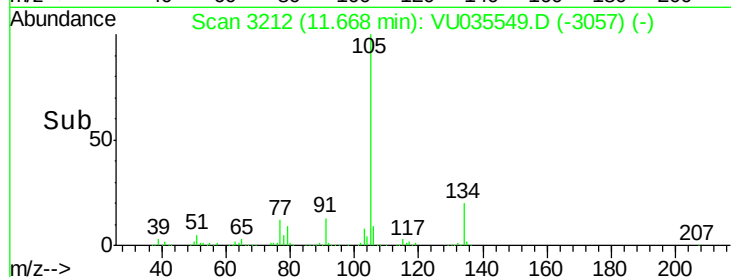
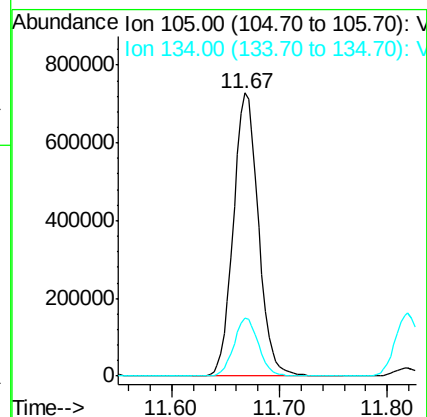
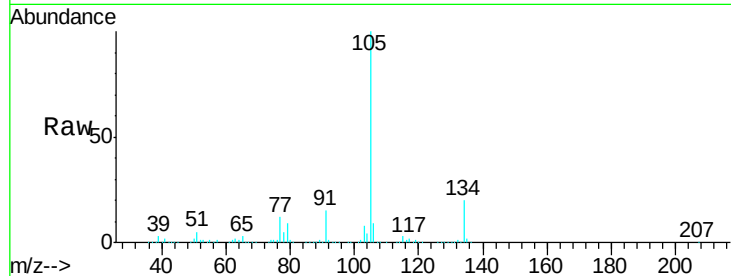
134 20.3 15.9 23.9

Manual Integrations

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#80

Nitrobenzene

Concen: 24.650 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU035549.D

Acq: 30 Oct 2019 08:17

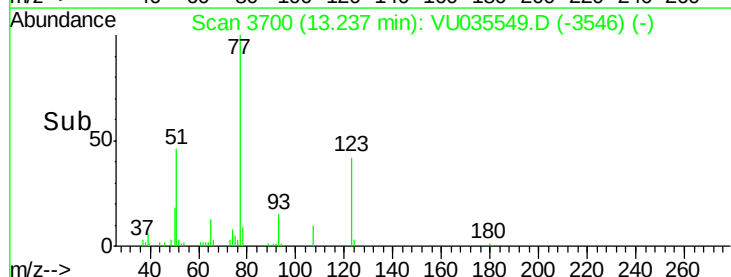
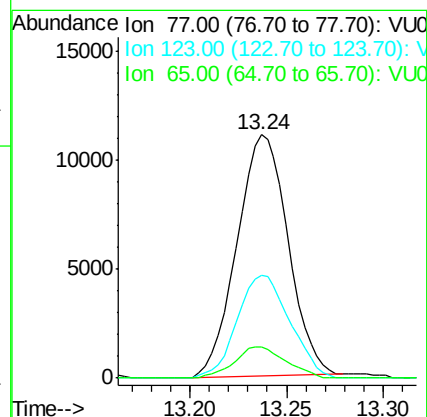
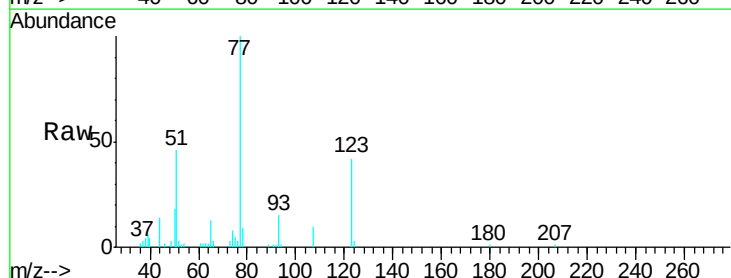
Tgt Ion: 77 Resp: 20353

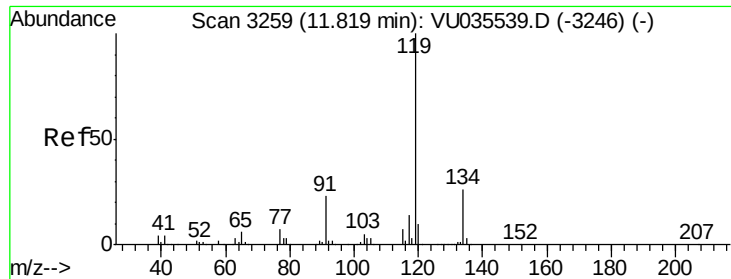
Ion Ratio Lower Upper

77 100

123 44.0 18.9 67.1

65 13.0 11.2 14.2





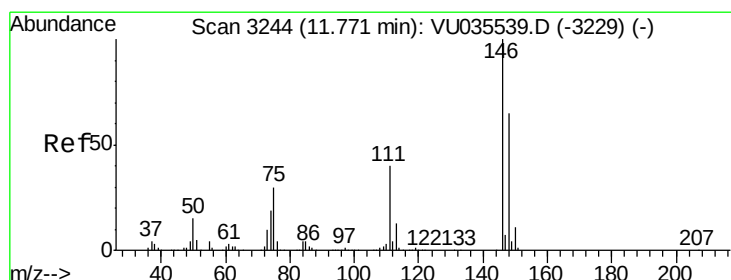
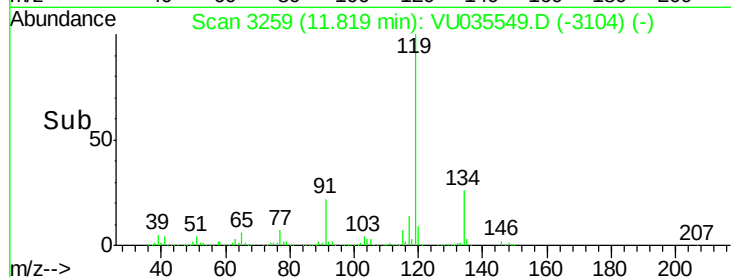
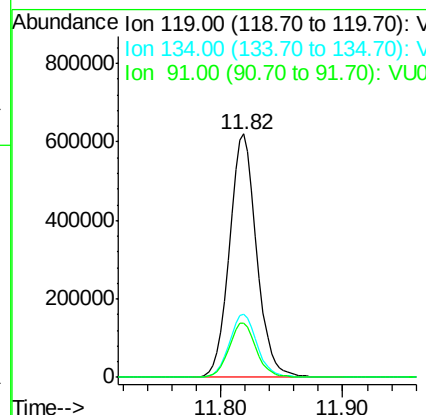
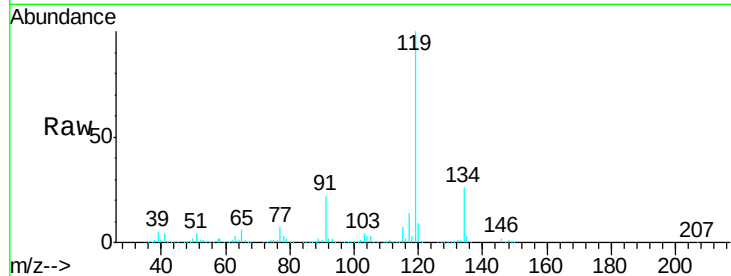
#81
p-Isopropyltoluene
Concen: 11.329 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	966298		
134	26.5	17.0	25.4#	
91	22.4	41.3	61.9#	

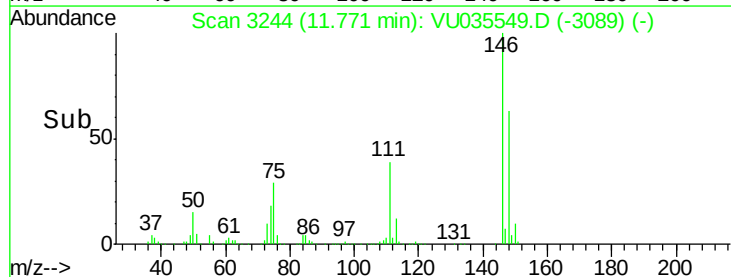
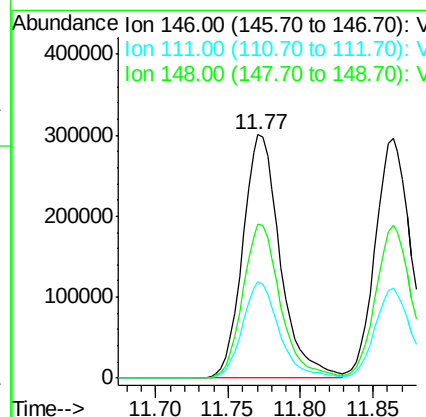
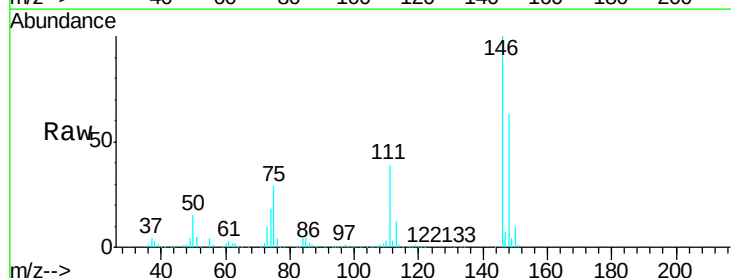
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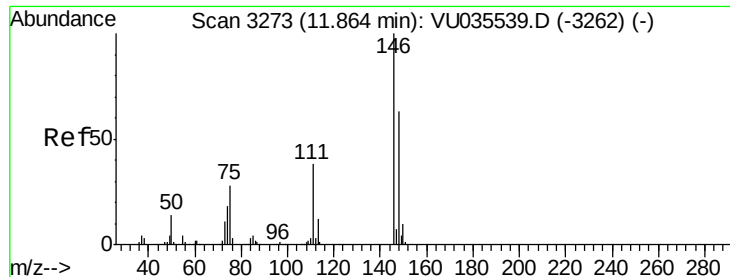
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#82
1,3-Dichlorobenzene
Concen: 10.307 ug/l
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	539356		
111	38.7	31.8	47.6	
148	63.5	50.9	76.3	





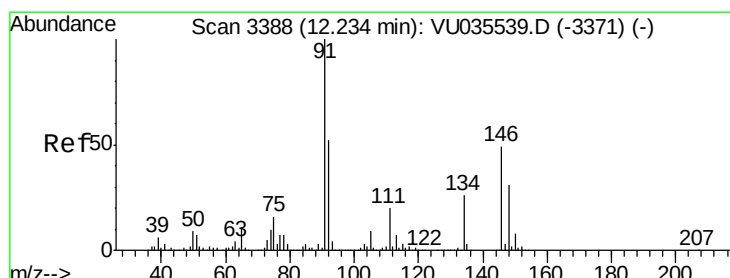
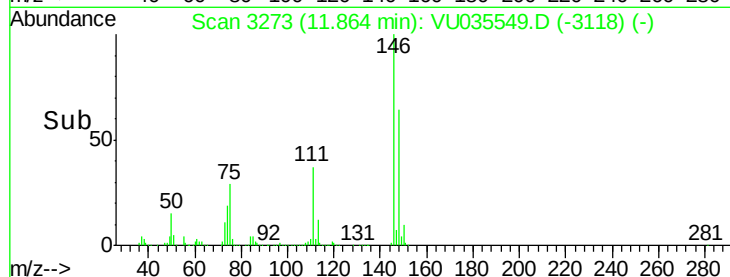
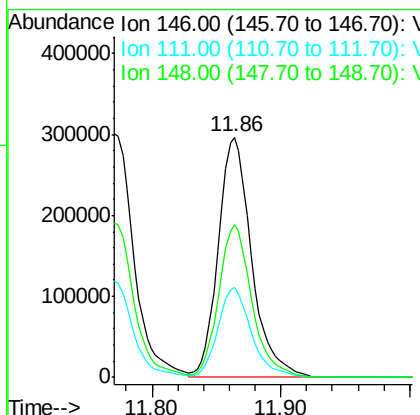
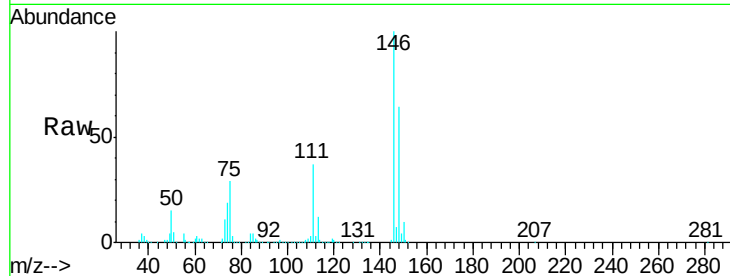
#83
 1,4-Dichlorobenzene
 Concen: 10.599 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	531928		
111	37.6	30.1	45.1	
148	63.7	51.0	76.4	

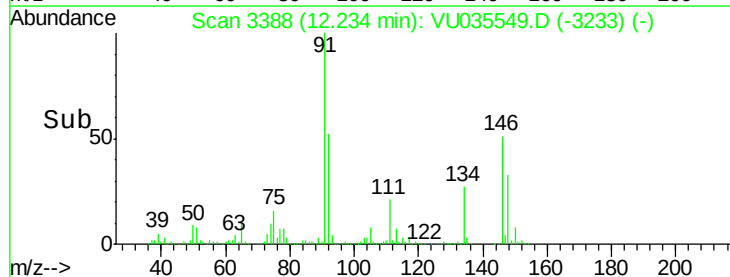
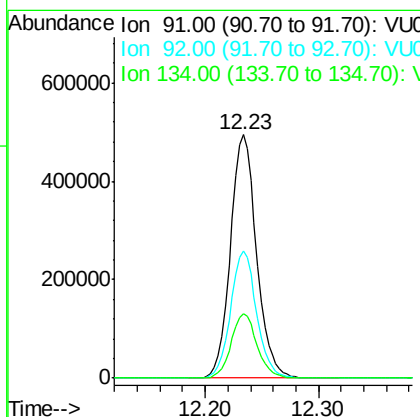
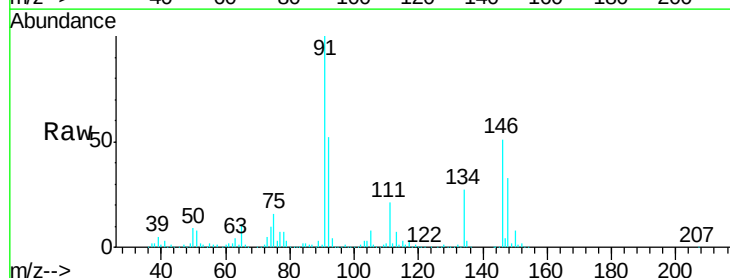
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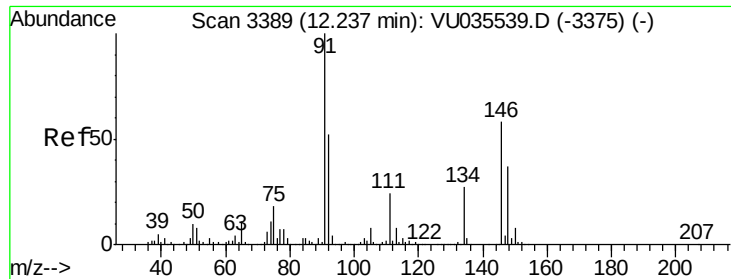
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#84
 n-Butylbenzene
 Concen: 11.321 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	792507		
92	51.9	41.4	62.0	
134	26.3	20.6	30.8	





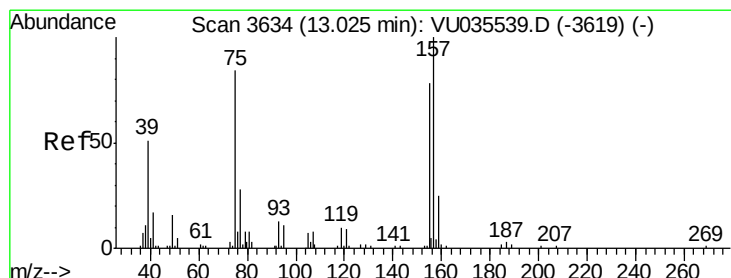
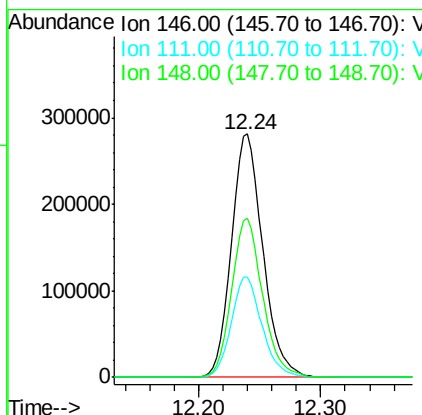
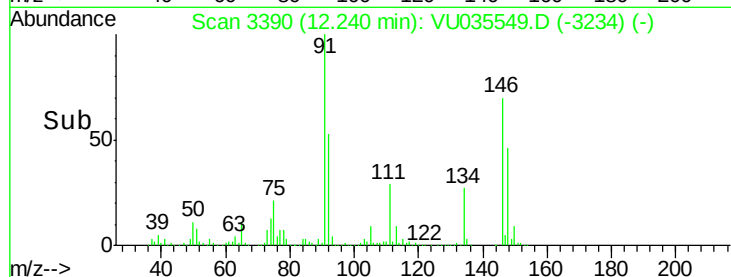
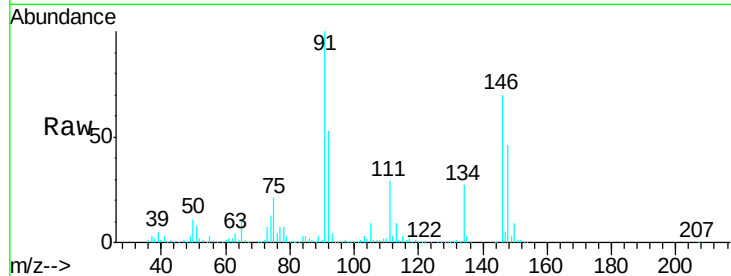
#85
 1,2-Dichlorobenzene
 Concen: 10.208 ug/l
 RT: 12.24 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	503056		
111	40.4	20.5	61.5	
148	64.2	32.0	96.2	

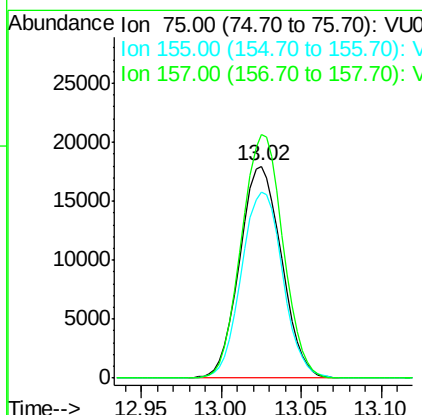
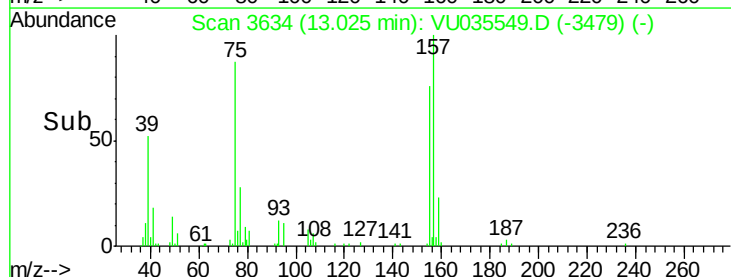
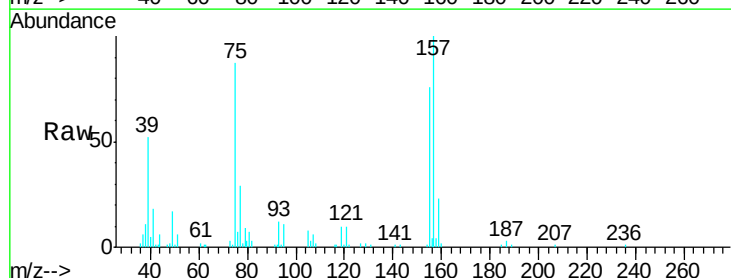
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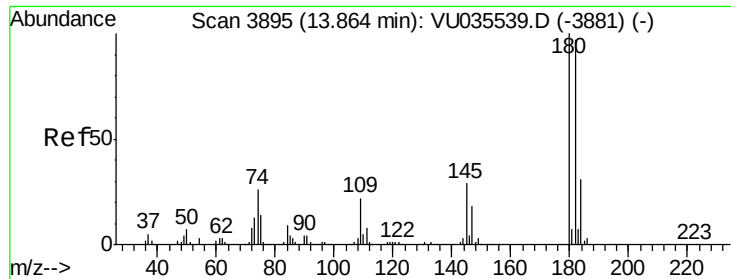
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.241 ug/l
 RT: 13.02 min Scan# 3634
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32132		
155	86.7	71.3	106.9	
157	114.1	91.2	136.8	





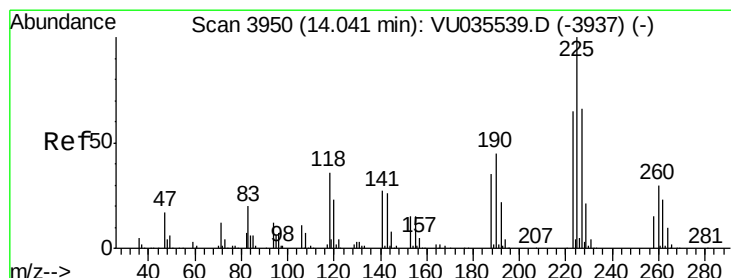
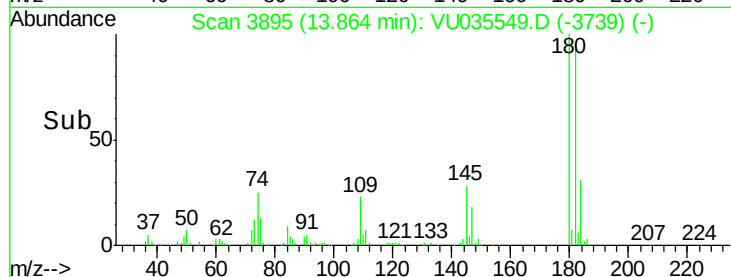
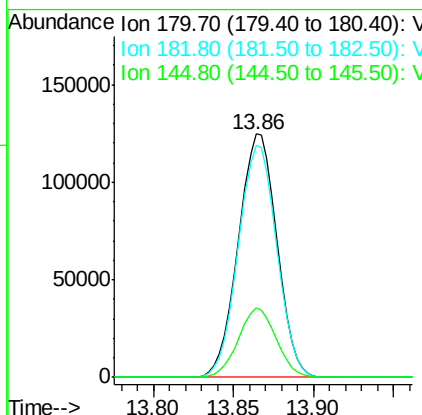
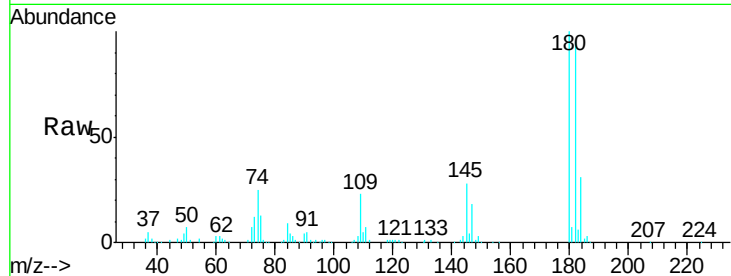
#87
 1,2,4-Trichlorobenzene
 Concen: 9.081 ug/l
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205108		
182	95.1	77.4	116.0	
145	27.7	22.6	33.8	

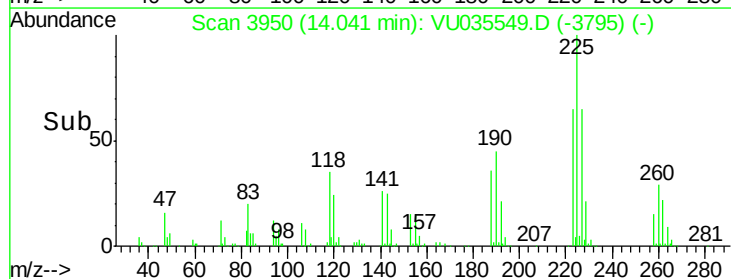
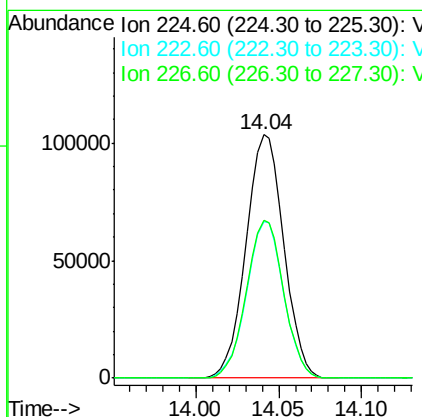
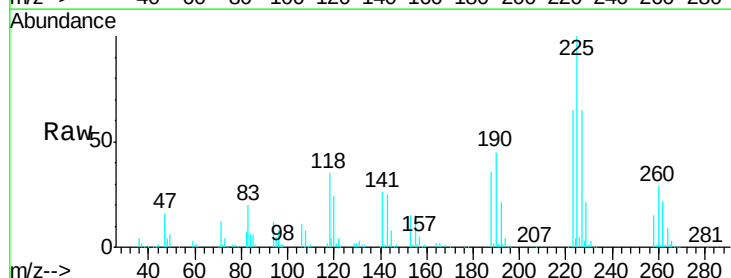
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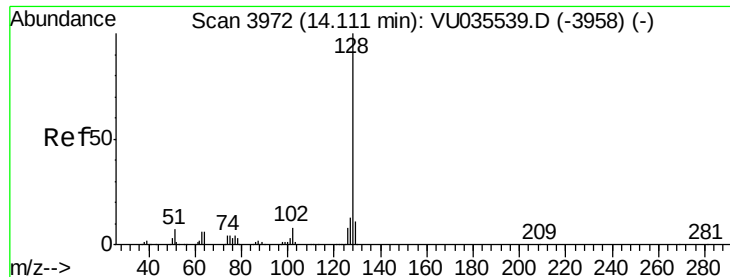
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#88
 Hexachlorobutadiene
 Concen: 8.924 ug/l
 RT: 14.04 min Scan# 3950
 Delta R.T. -0.00 min
 Lab File: VU035549.D
 Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163797		
223	63.3	50.7	76.1	
227	63.9	52.2	78.4	





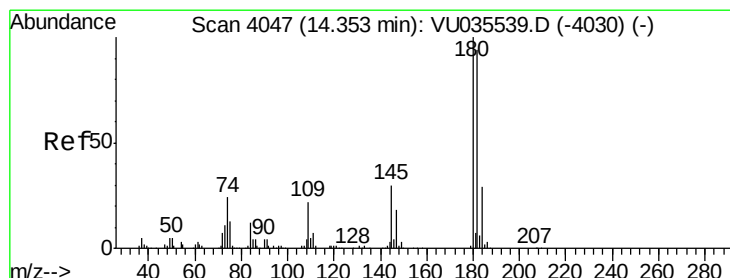
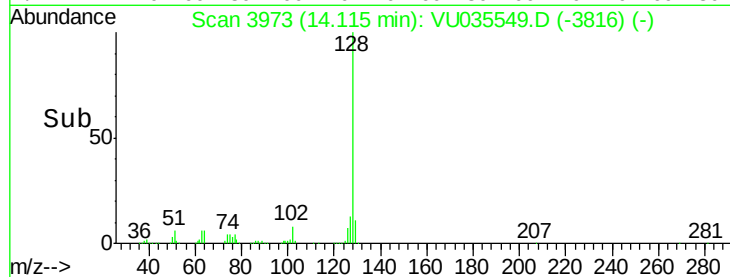
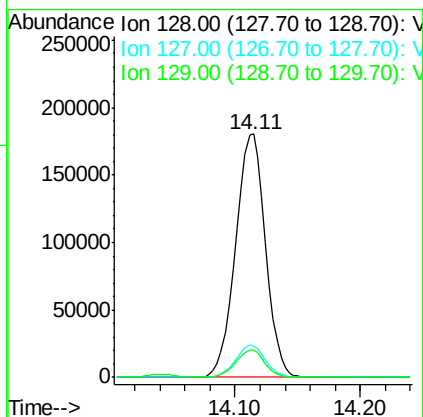
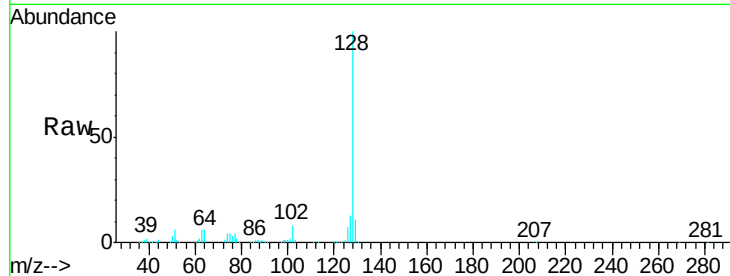
#89
Naphthalene
Concen: 8.918 ug/l
RT: 14.11 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 9.288 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035549.D
Acq: 30 Oct 2019 08:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.5	75.8	113.8
145	28.8	23.7	35.5

