

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056206.D
 Acq On : 11 Jun 2019 7:41
 Operator : JC/SP
 Sample : K3255-15MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:58:40 AM

Quant Time: Jun 11 09:19:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	273324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	407110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	146092	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	7.59	113	133004	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.09	98	488866	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	168939	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	143494	47.803	ug/l	98
3) Chloromethane	2.06	50	155794	52.582	ug/l	100
4) Vinyl Chloride	2.18	62	153247	51.564	ug/l	100
5) Bromomethane	2.53	94	91823	48.910	ug/l	100
6) Chloroethane	2.68	64	87433	50.740	ug/l	99
7) Trichlorofluoromethane	3.00	101	191765	50.543	ug/l	99
8) Diethyl Ether	3.40	74	77425	49.623	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115254	50.007	ug/l	99
10) Methyl Iodide	3.94	142	173446	47.356	ug/l	99
11) Tert butyl alcohol	4.81	59	131010	277.403	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	119758	52.193	ug/l	94
13) Acrolein	3.60	56	39800	292.202	ug/l	96
14) Allyl chloride	4.31	41	179064	49.422	ug/l	98
15) Acrylonitrile	4.99	53	342902	298.267	ug/l	100
16) Acetone	3.82	43	284642	219.299	ug/l	100
17) Carbon Disulfide	4.04	76	268259	48.829	ug/l	99
18) Methyl Acetate	4.33	43	126919	49.778	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	383415	52.423	ug/l	99
20) Methylene Chloride	4.54	84	139719	52.249	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	129407	52.637	ug/l	96
22) Diisopropyl ether	5.96	45	391651	52.293	ug/l	96
23) Vinyl Acetate	5.89	43	1295784	219.696	ug/l	99
24) 1,1-Dichloroethane	5.84	63	230375	53.324	ug/l	100
25) 2-Butanone	6.84	43	443150	270.224	ug/l	100
26) 2,2-Dichloropropane	6.82	77	79548	23.596	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	151139	52.300	ug/l	92
28) Bromochloromethane	7.19	49	111970	54.805	ug/l	96
29) Tetrahydrofuran	7.22	42	295072	291.082	ug/l	100
30) Chloroform	7.37	83	234985	54.068	ug/l	98
31) Cyclohexane	7.65	56	197418	45.843	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	193885	53.423	ug/l	100
36) 1,1-Dichloropropene	7.79	75	168958	48.266	ug/l	99
37) Ethyl Acetate	6.93	43	144802	46.490	ug/l	99
38) Carbon Tetrachloride	7.77	117	168621	52.248	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	190094	43.592	ug/l	99
40) Benzene	8.04	78	536431	50.454	ug/l	100
41) Methacrylonitrile	7.18	41	83496	58.265	ug/l	98
42) 1,2-Dichloroethane	8.12	62	174470	51.015	ug/l	99
43) Isopropyl Acetate	8.17	43	238902	47.333	ug/l #	91
44) Trichloroethene	8.83	130	190429	62.332	ug/l	97
45) 1,2-Dichloropropane	9.12	63	142000	52.142	ug/l	99
46) Dibromomethane	9.21	93	95777	53.782	ug/l	98
47) Bromodichloromethane	9.40	83	178563	55.323	ug/l	99
48) Methyl methacrylate	9.20	41	133919	54.235	ug/l	96
49) 1,4-Dioxane	9.20	88	60848	1141.442	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	875176	277.281	ug/l	100
52) Toluene	10.16	92	334664	50.585	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	157374	41.991	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	184024	47.433	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139163	53.102	ug/l	98
56) Ethyl methacrylate	10.43	69	202684	53.013	ug/l	98
57) 1,3-Dichloropropane	10.71	76	225659	52.968	ug/l	100
59) 2-Hexanone	10.75	43	619224	270.687	ug/l	100
60) Dibromochloromethane	10.90	129	149960	51.791	ug/l	98
61) 1,2-Dibromoethane	11.00	107	144406	53.901	ug/l	98
64) Tetrachloroethene	10.63	164	147999	46.435	ug/l	99
65) Chlorobenzene	11.43	112	369911	50.479	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	139720	55.219	ug/l	99
67) Ethyl Benzene	11.51	91	625640	49.099	ug/l	99
68) m/p-Xylenes	11.62	106	483219	99.270	ug/l	98
69) o-Xylene	11.95	106	239620	50.044	ug/l	99
70) Stvrene	11.96	104	398478	52.378	ug/l	99
71) Bromoform	12.13	173	112493	52.793	ug/l #	99
73) Isopropylbenzene	12.25	105	619361	51.830	ug/l	99
74) N-amyl acetate	12.07	43	179468	40.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	195844	50.236	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	174971m	56.624	ug/l	
77) Bromobenzene	12.53	156	175354	48.772	ug/l	94
78) n-propylbenzene	12.59	91	653030	45.965	ug/l	99
79) 2-Chlorotoluene	12.67	91	407164	51.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	511995	45.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37296	40.195	ug/l	90
82) 4-Chlorotoluene	12.77	91	391866	47.146	ug/l	99
83) tert-Butylbenzene	12.99	119	455613	52.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	504465	47.114	ug/l	99
85) sec-Butylbenzene	13.17	105	574339	45.649	ug/l	100
86) p-Isopropyltoluene	13.29	119	514613	45.702	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	274500	49.329	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	263451	49.216	ug/l	99
89) n-Butylbenzene	13.61	91	362983	43.516	ug/l	100
90) Hexachloroethane	13.87	117	87134	51.312	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	278881	49.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31563	56.605	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	129153	42.424	ug/l	98

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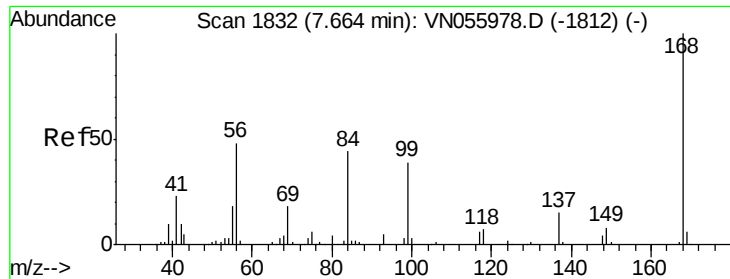
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	96426	50.044	ug/l	99
95) Naphthalene	15.13	128	351610	44.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	145999	46.499	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion:168 Resp: 273324

Ion Ratio Lower Upper

168 100

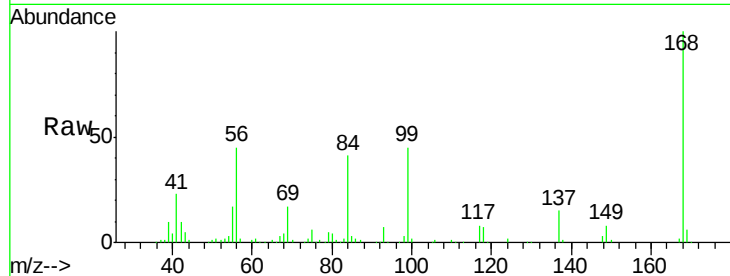
99 44.8 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

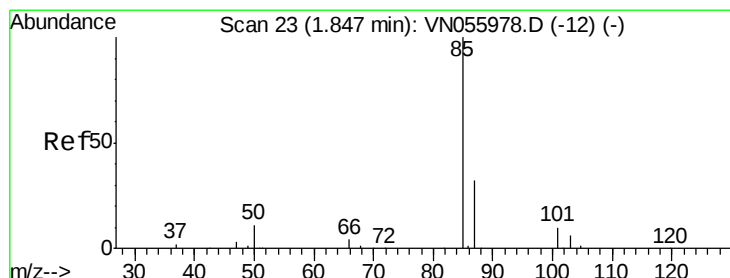
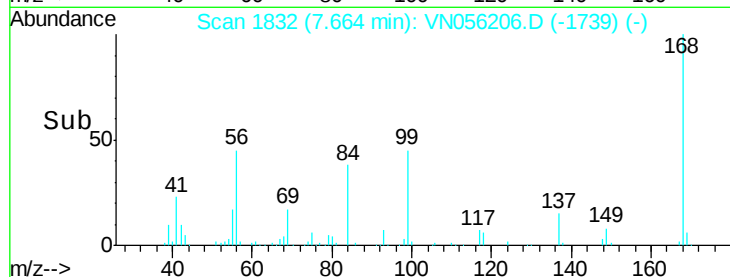
7.66

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 47.803 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056206.D

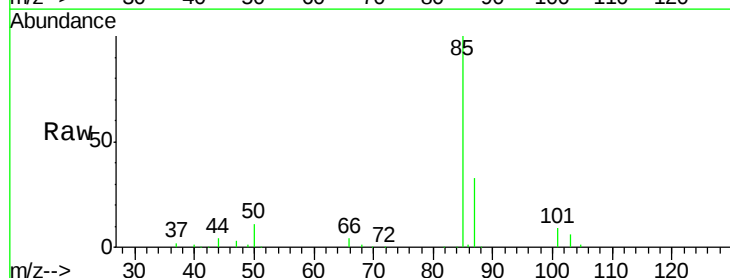
Acq: 11 Jun 2019 7:41

Tgt Ion: 85 Resp: 143494

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

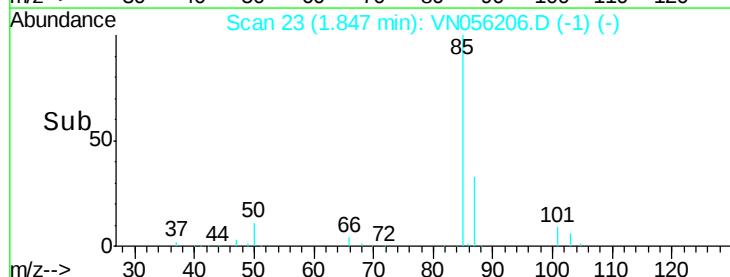
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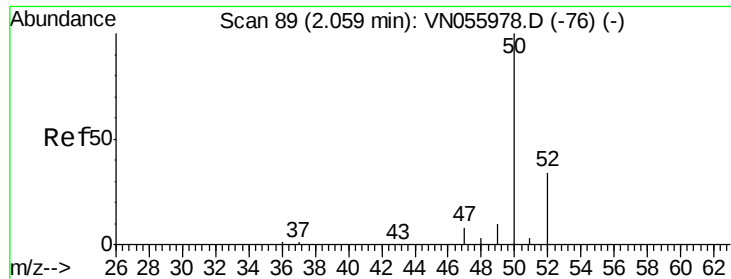
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.582 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 50 Resp: 155794

Ion Ratio Lower Upper

50 100

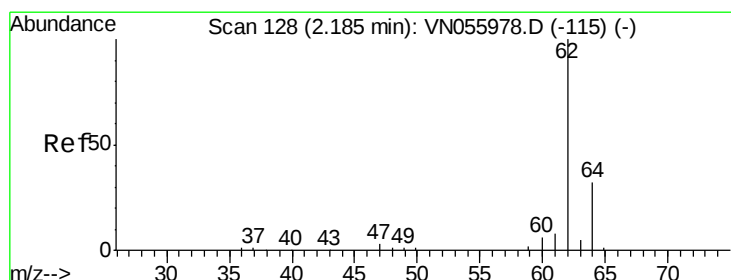
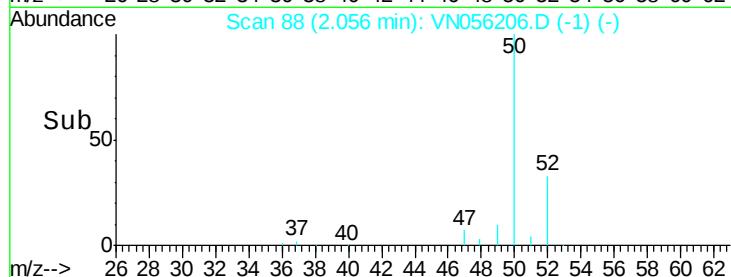
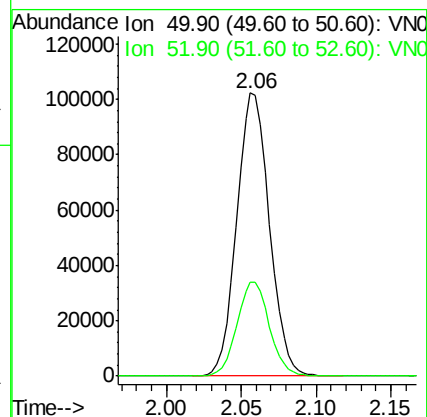
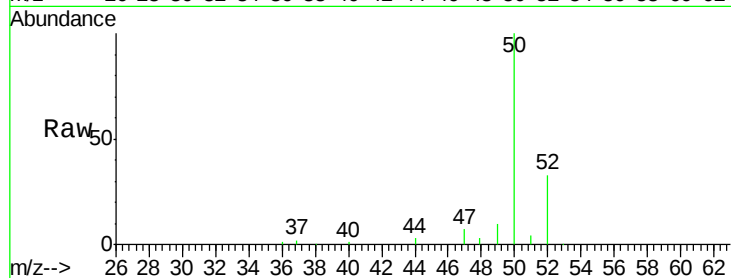
52 33.2 26.6 40.0

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#4

Vinyl Chloride

Concen: 51.564 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056206.D

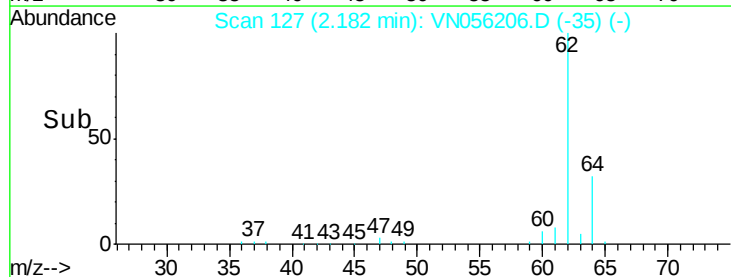
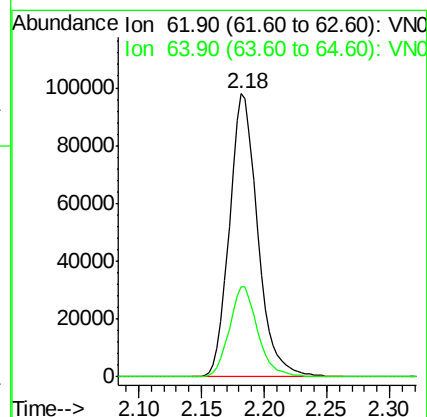
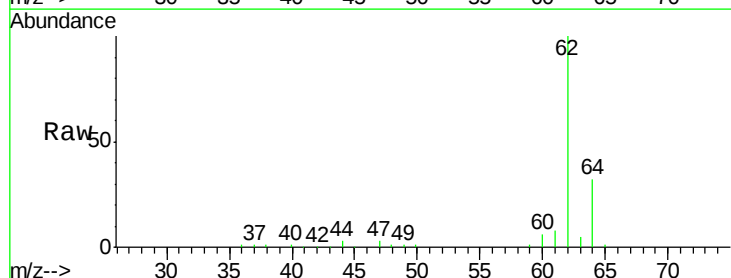
Acq: 11 Jun 2019 7:41

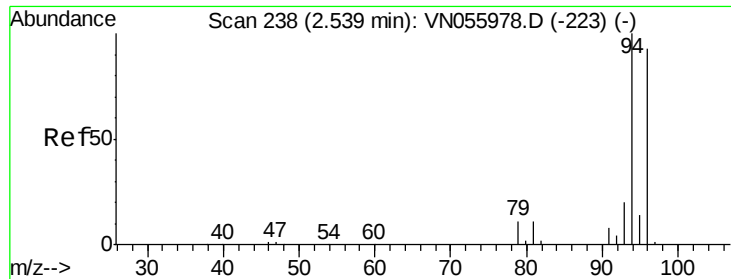
Tgt Ion: 62 Resp: 153247

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 48.910 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

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Tot Ion: 94 Resp: 91823

Ion Ratio Lower Upper

94 100

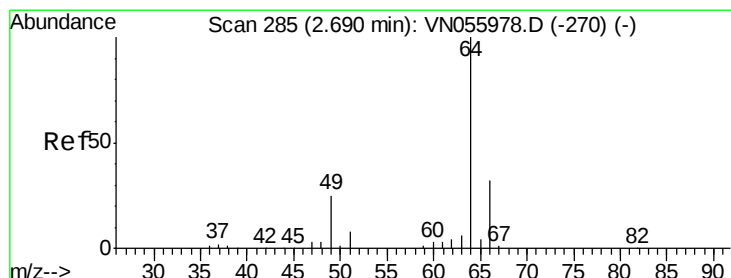
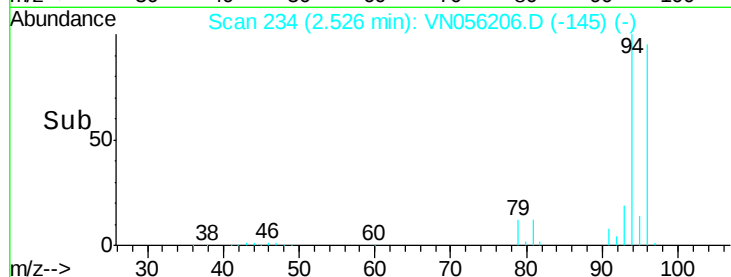
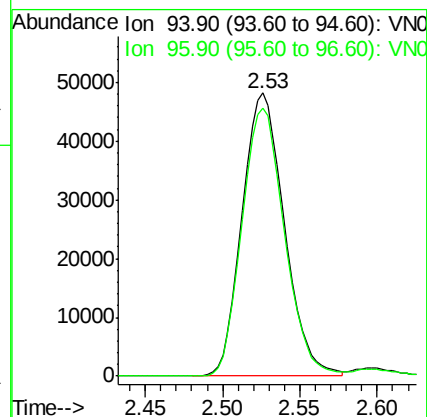
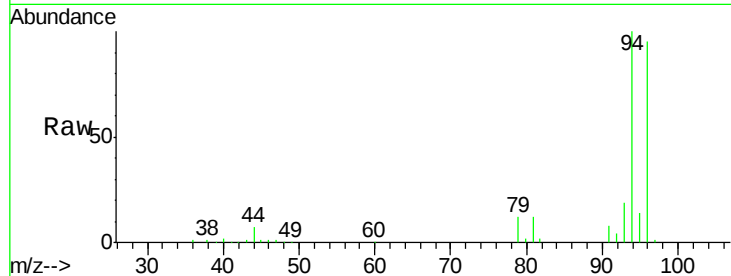
96 94.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 50.740 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN056206.D

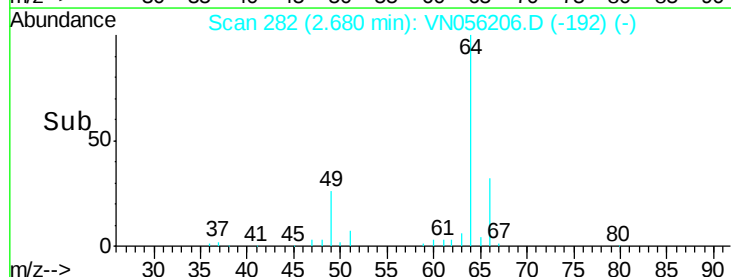
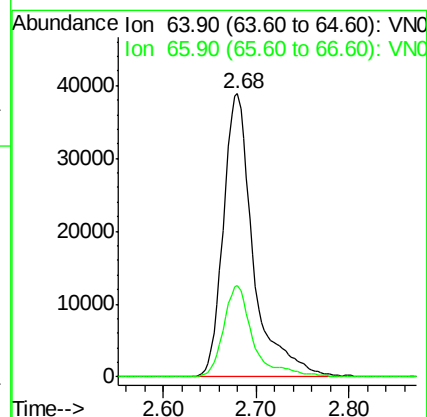
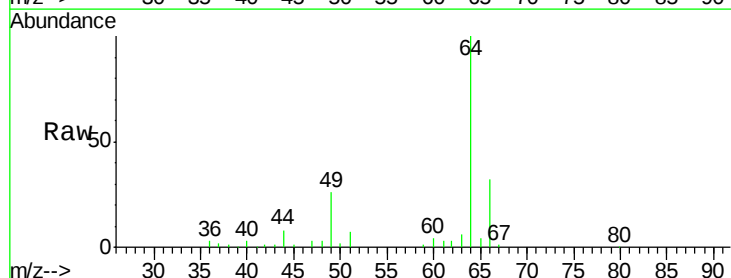
Acq: 11 Jun 2019 7:41

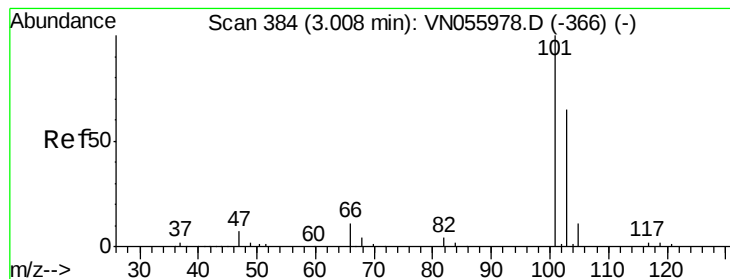
Tgt Ion: 64 Resp: 87433

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.0





#7

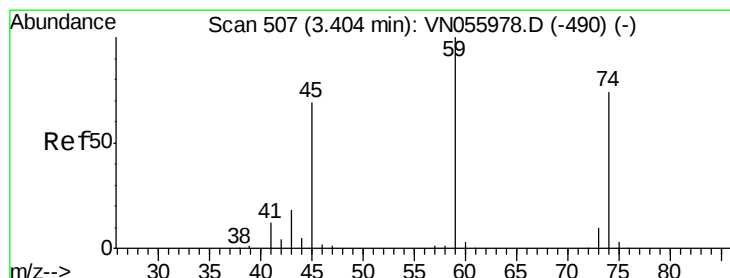
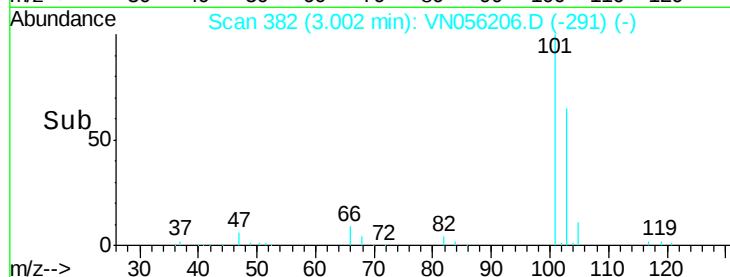
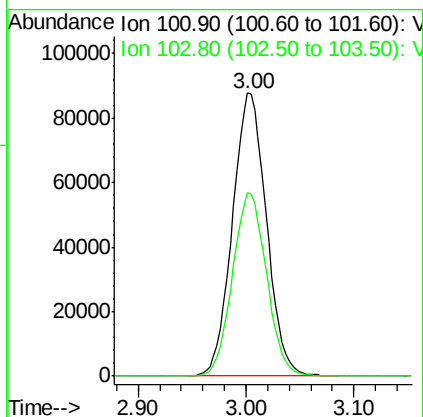
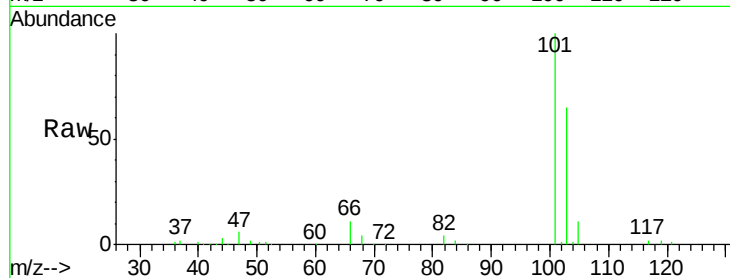
Trichlorofluoromethane
Concen: 50.543 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056206.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	191765		
103	64.7	51.2	76.8	

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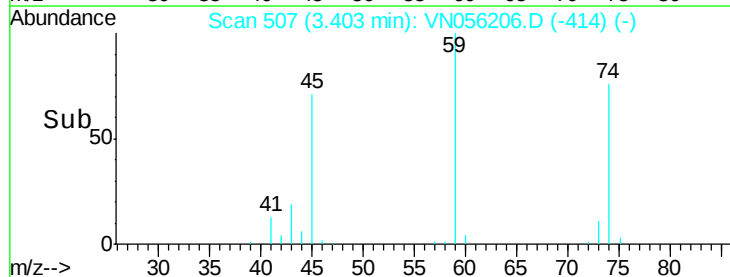
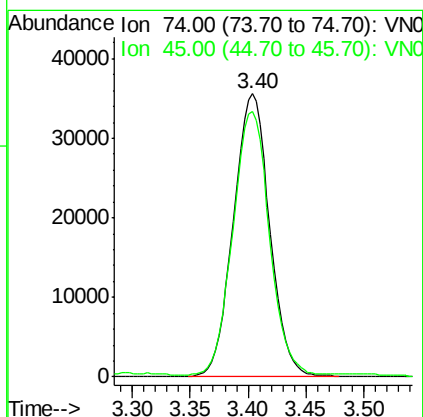
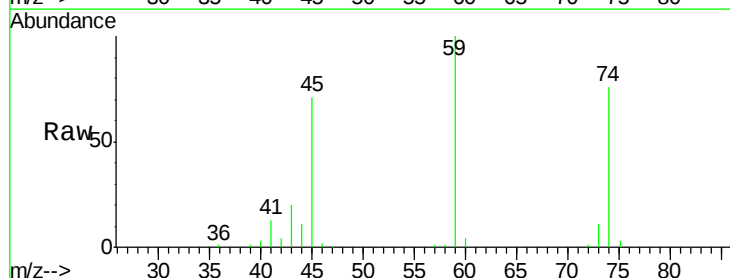
MMDadoda
6/11/2019 11:58:40 AM

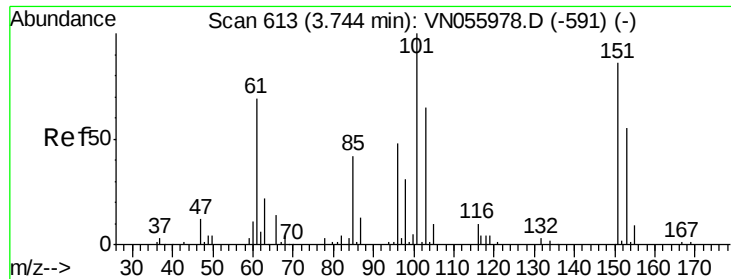


#8

Diethyl Ether
Concen: 49.623 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	77425		
45	94.0	48.6	145.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.007 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

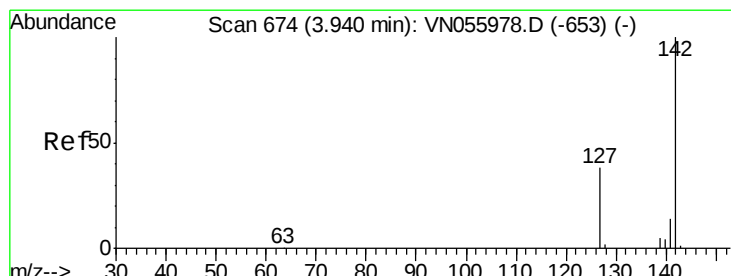
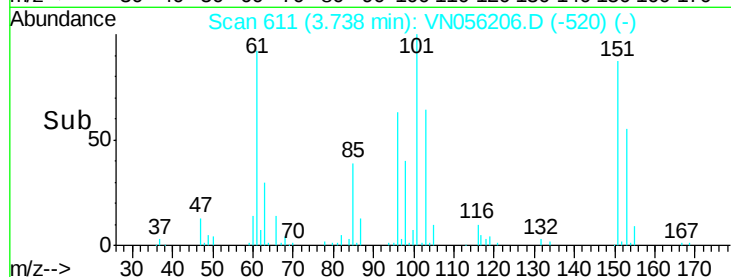
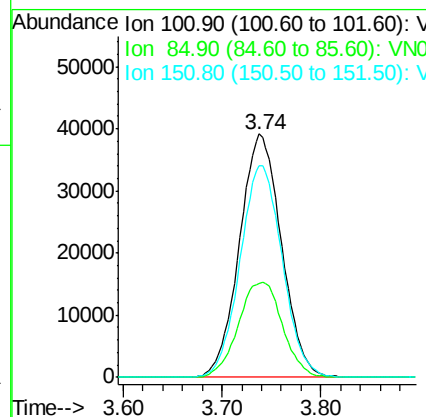
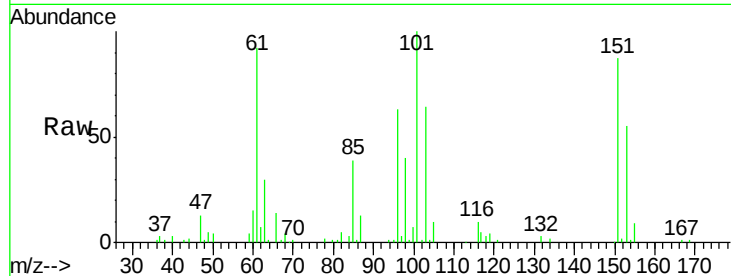
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	101	Resp:	115254
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.4	50.2
151	87.7	69.4	104.2

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#10

Methyl Iodide

Concen: 47.356 ug/l

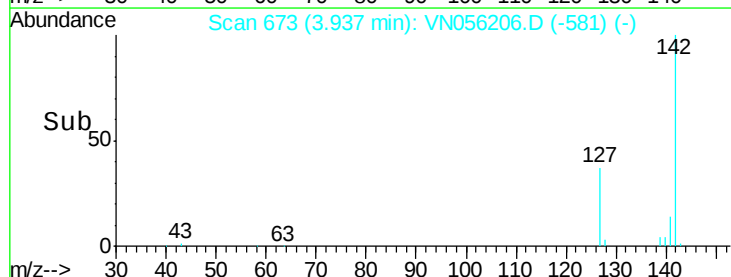
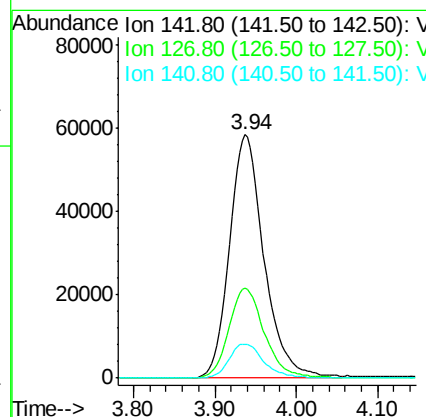
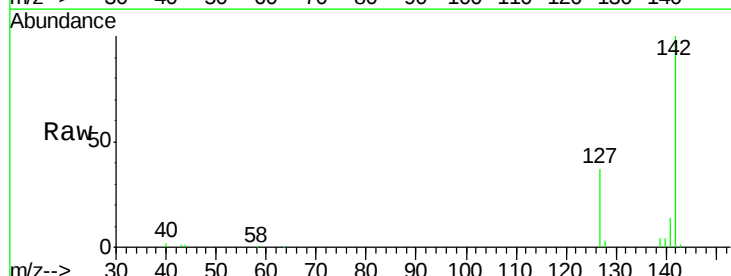
RT: 3.94 min Scan# 673

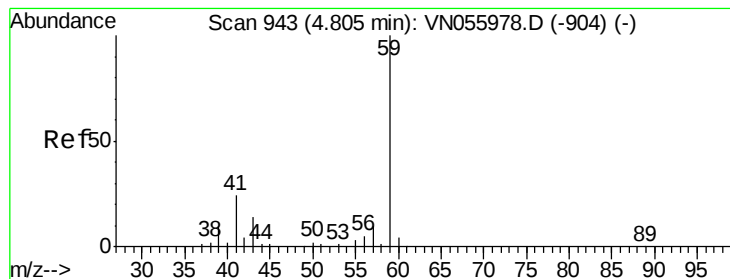
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	142	Resp:	173446
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.0	46.4
141	14.0	11.4	17.0





#11

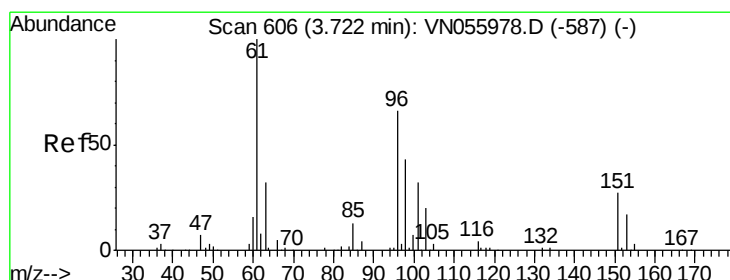
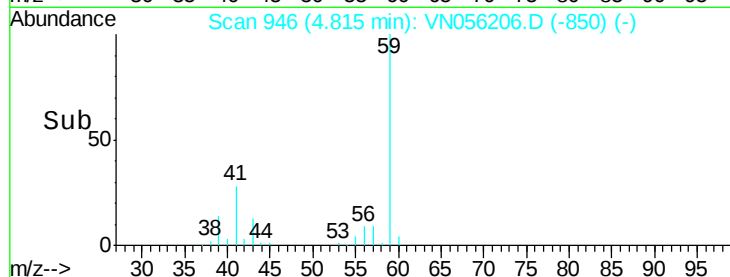
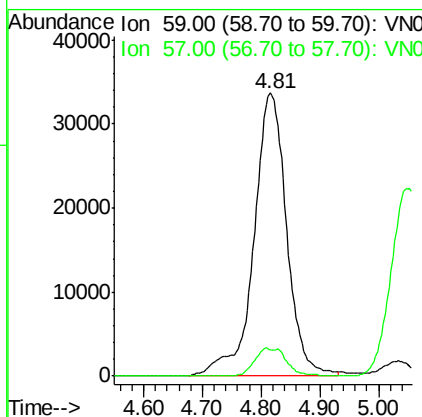
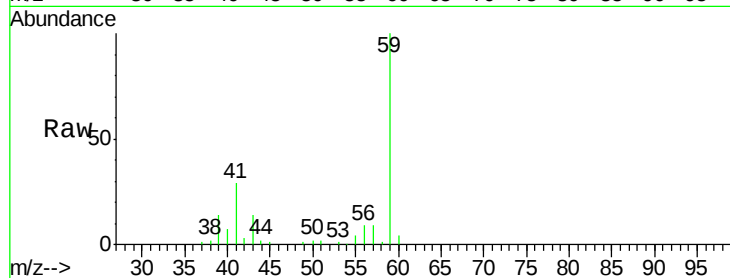
Tert butyl alcohol
Concen: 277.403 ug/l
RT: 4.81 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	131010		
57	5.6	7.8	11.6#	

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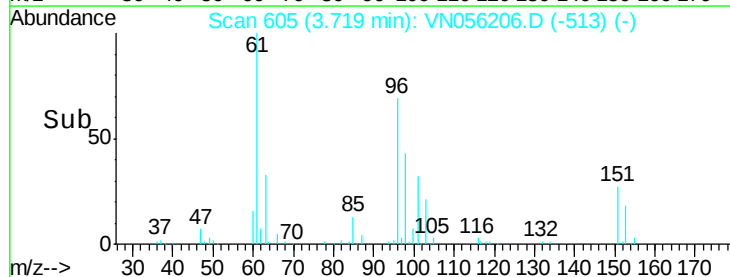
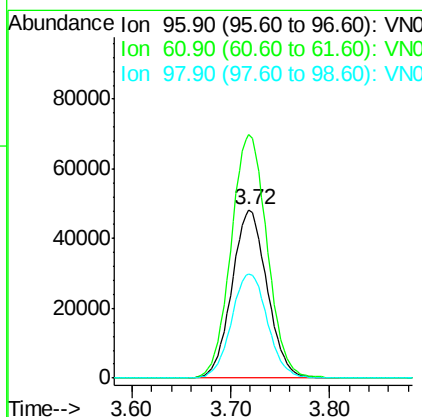
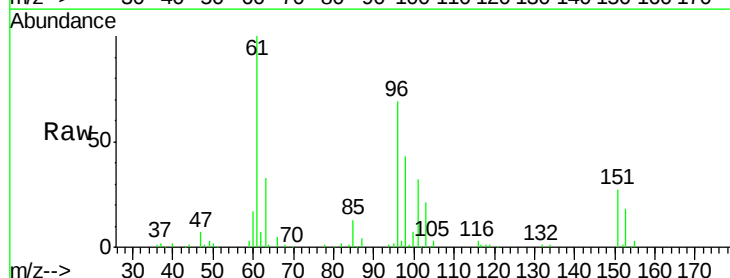
MMDadoda
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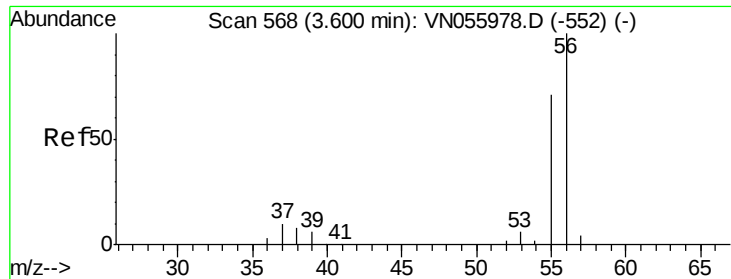


#12

1,1-Dichloroethene
Concen: 52.193 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	119758		
61	144.4	123.2	184.8	
98	62.1	50.4	75.6	





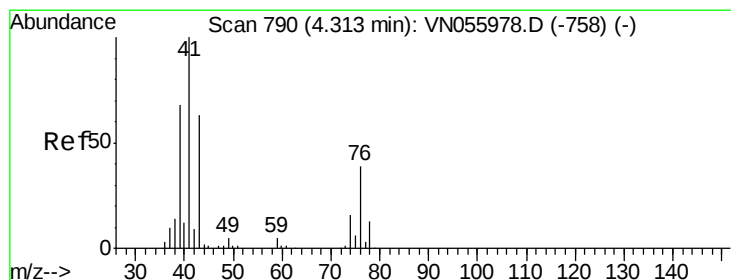
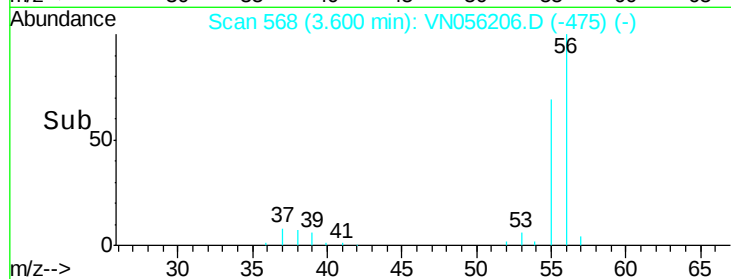
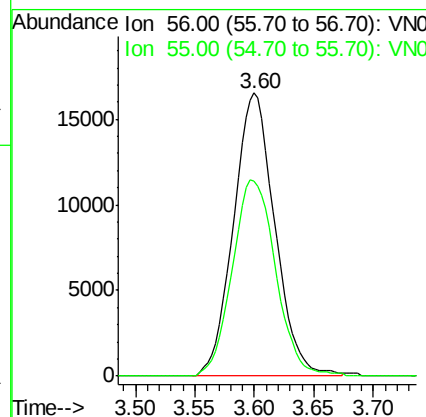
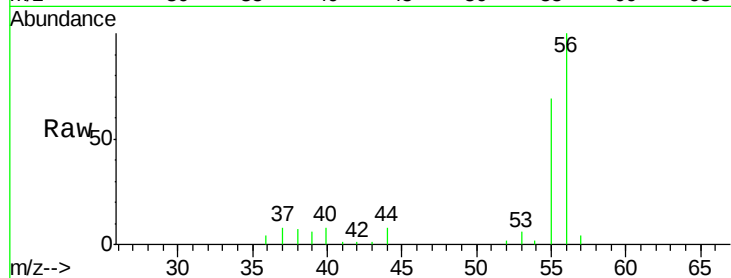
#13
Acrolein
Concen: 292.202 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		39800		
55	72.9			55.4	83.2

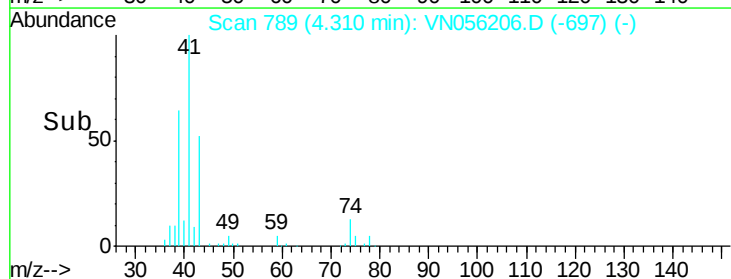
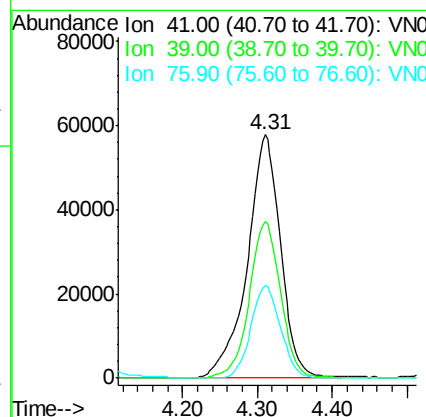
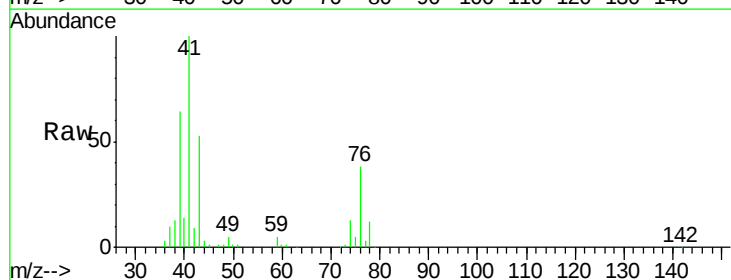
Manual Integrations
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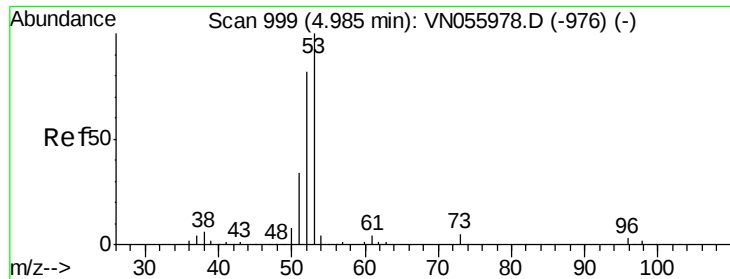
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#14
Allyl chloride
Concen: 49.422 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		179064		
39	60.5			50.0	75.0
76	33.8			28.2	42.2





#15

Acrylonitrile

Concen: 298.267 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

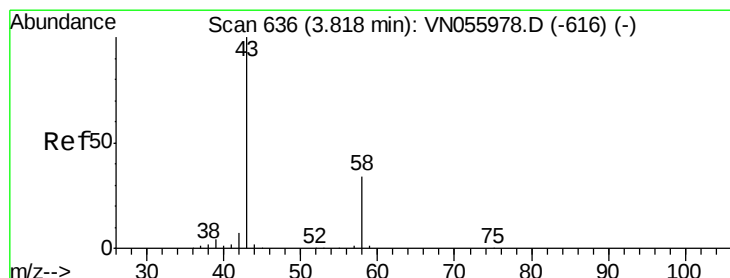
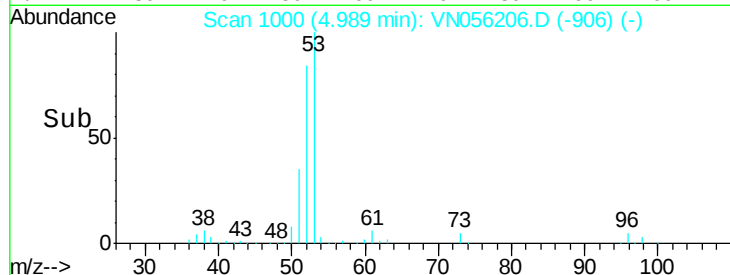
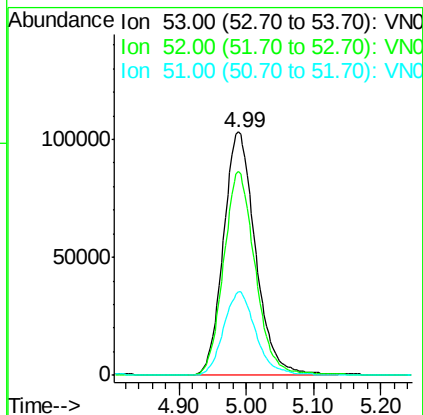
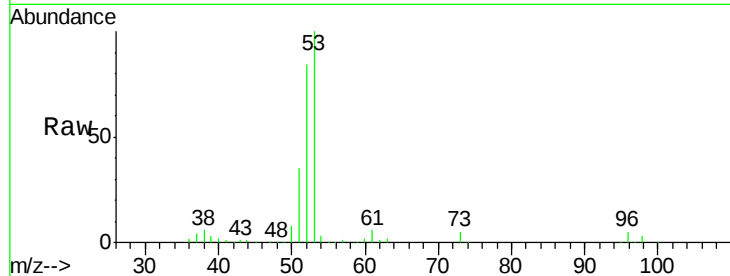
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	53	Resp:	342902
Ion Ratio		Lower	Upper
53	100		
52	82.3	65.8	98.8
51	34.8	28.2	42.4

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#16

Acetone

Concen: 219.299 ug/l

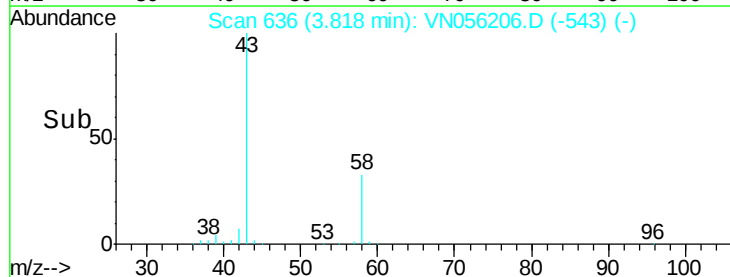
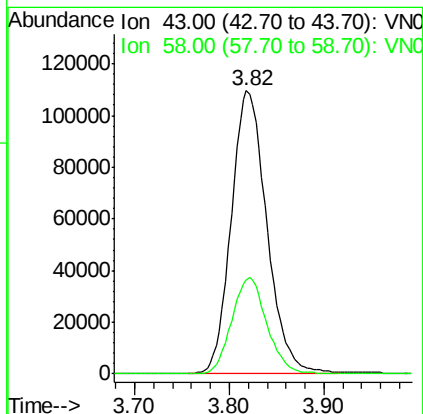
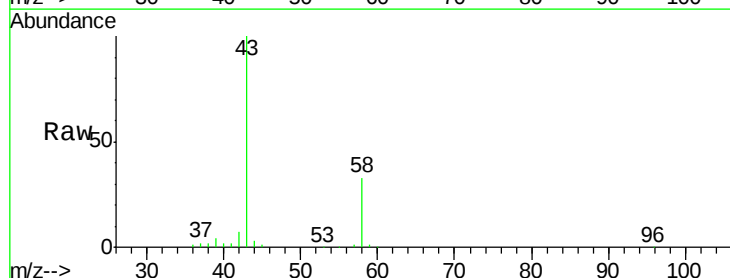
RT: 3.82 min Scan# 636

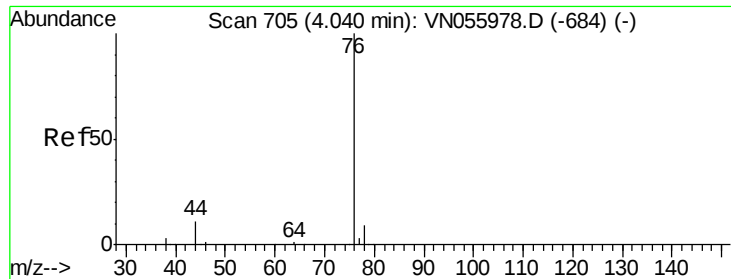
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	43	Resp:	284642
Ion Ratio		Lower	Upper
43	100		
58	33.5	26.6	39.8





#17

Carbon Disulfide

Concen: 48.829 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 76 Resp: 268259

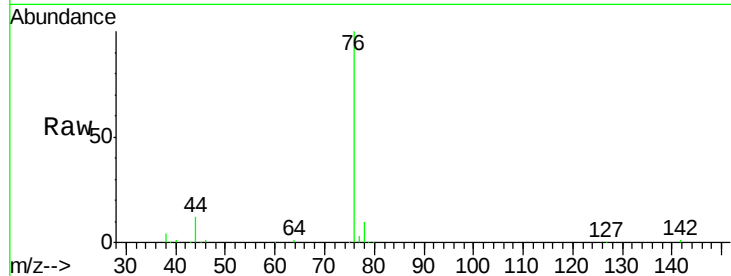
Ion Ratio Lower Upper

76 100

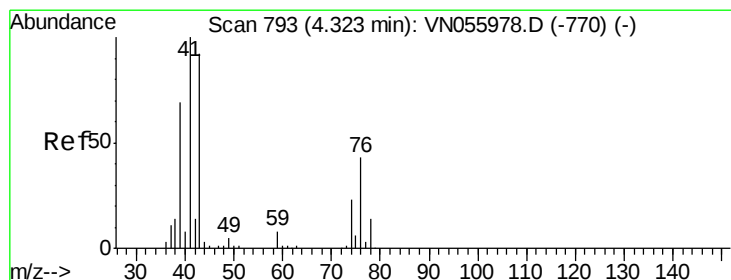
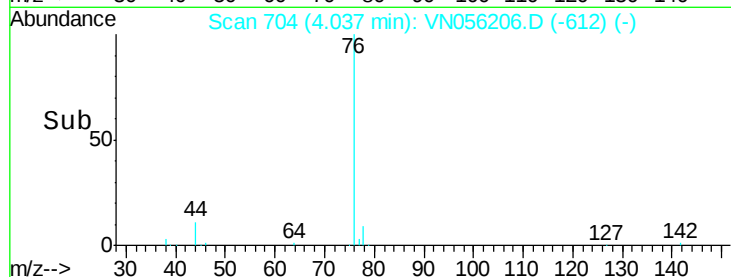
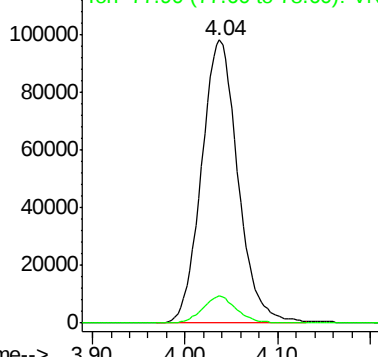
78 9.6 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 49.778 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056206.D

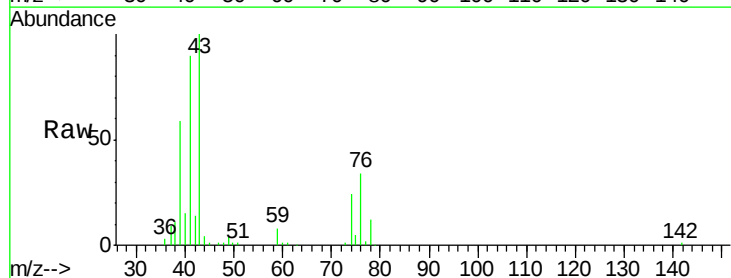
Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 126919

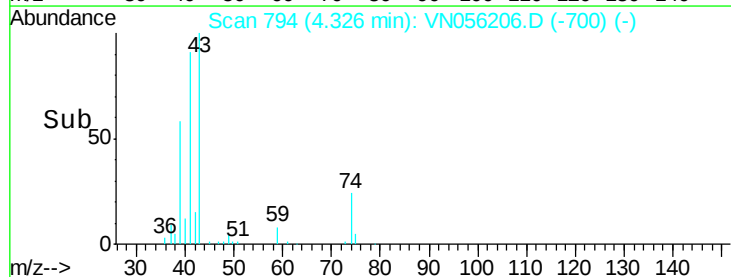
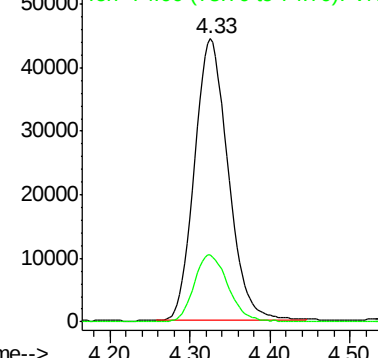
Ion Ratio Lower Upper

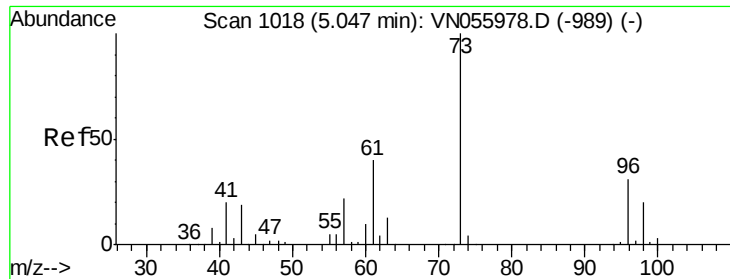
43 100

74 24.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





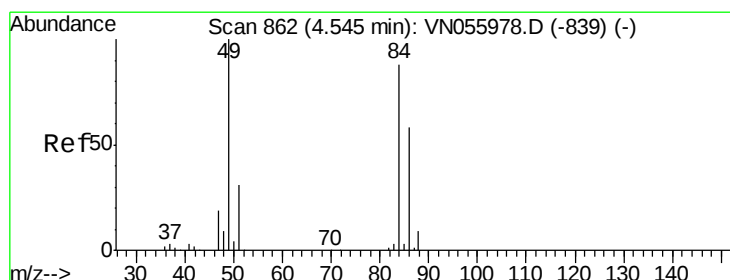
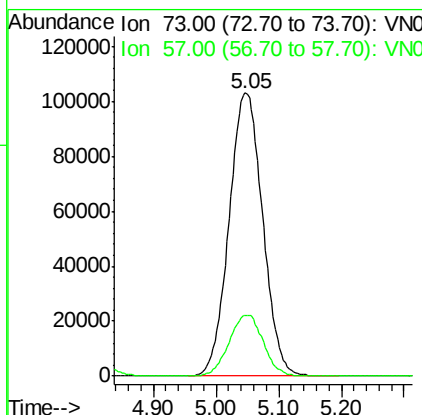
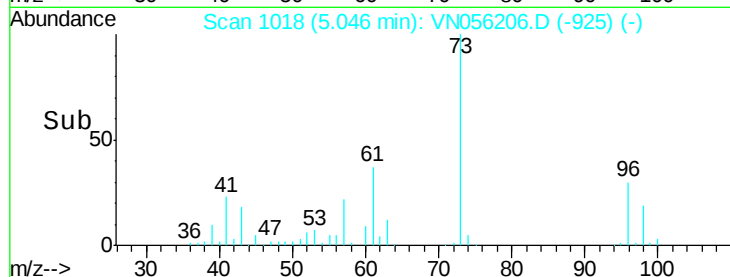
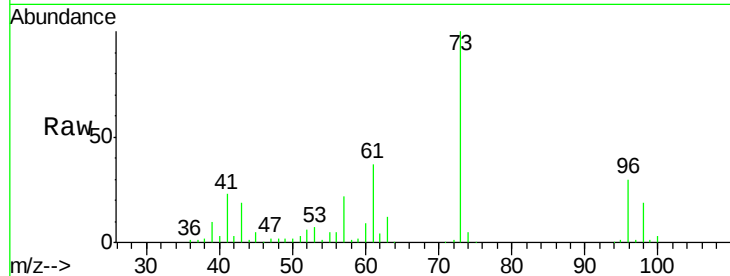
#19
Methvl tert-butvl Ether
Concen: 52.423 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion: 73 Resp: 383415
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8

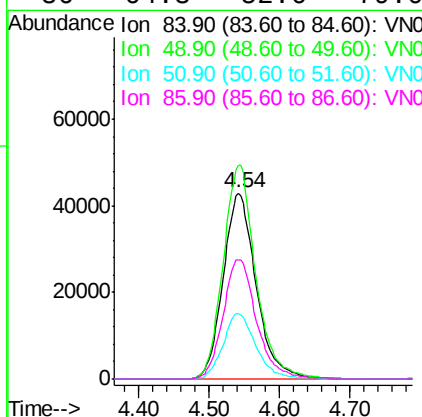
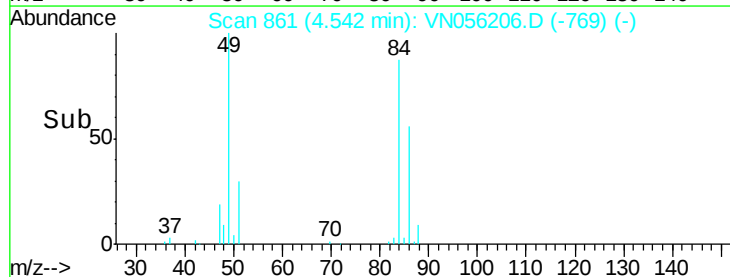
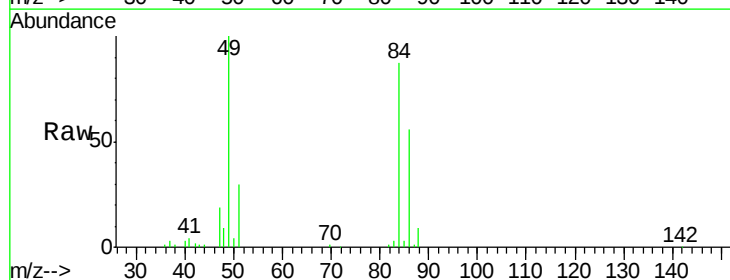
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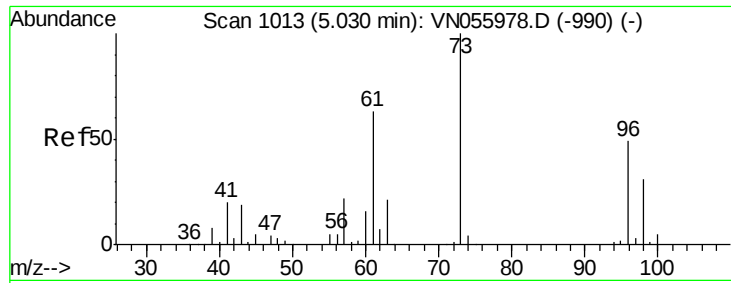
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#20
Methylene Chloride
Concen: 52.249 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 84 Resp: 139719
Ion Ratio Lower Upper
84 100
49 114.9 93.5 140.3
51 34.8 28.6 43.0
86 64.3 52.6 79.0





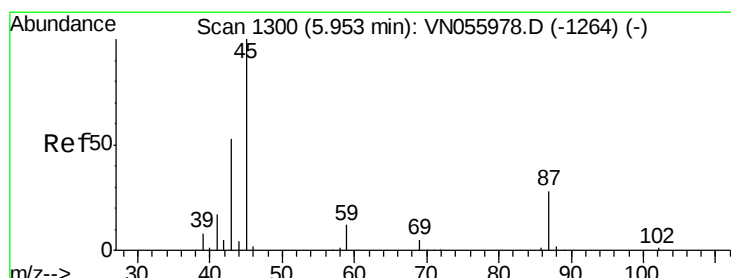
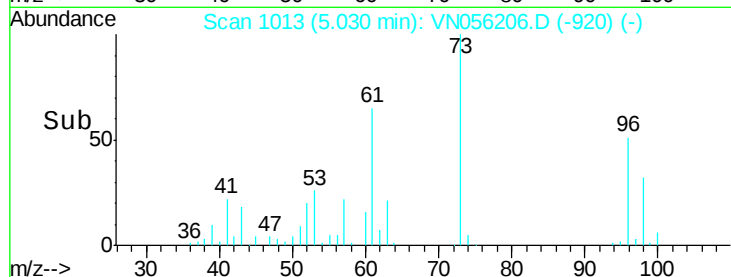
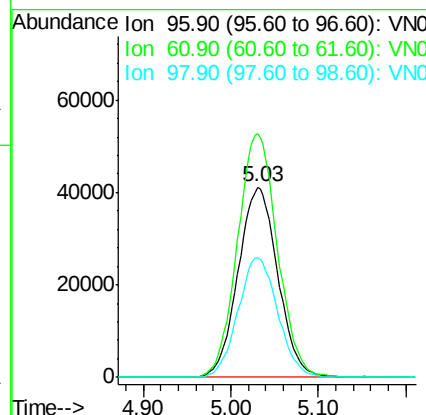
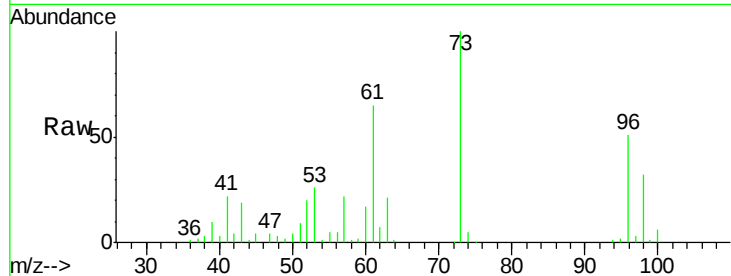
#21
trans-1,2-Dichloroethene
Concen: 52.637 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		129407		
61	128.1	107.8	161.8		
98	63.1	49.8	74.8		

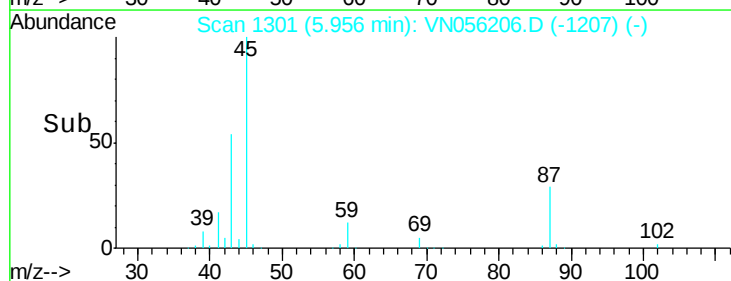
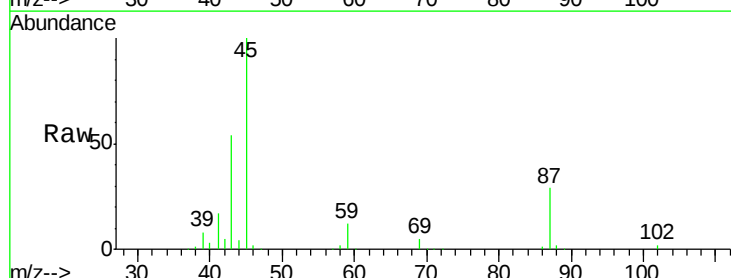
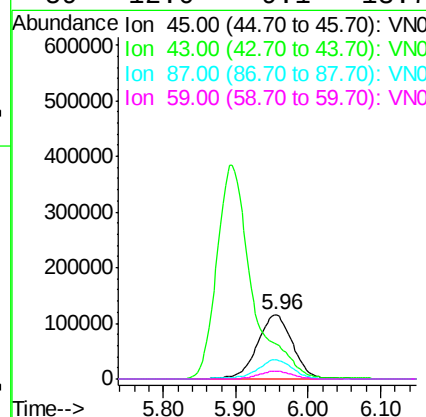
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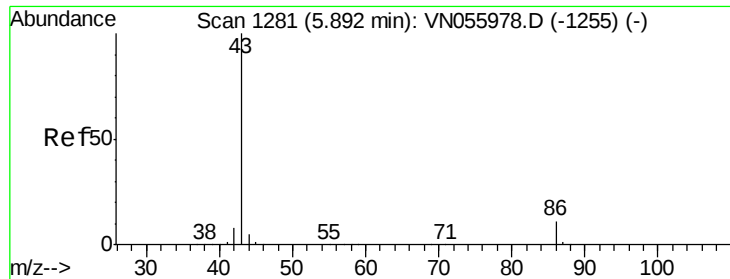
MMDadoda
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#22
Diisopropyl ether
Concen: 52.293 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		391651		
43	52.4	45.0	67.6		
87	29.0	22.2	33.4		
59	12.0	9.1	13.7		





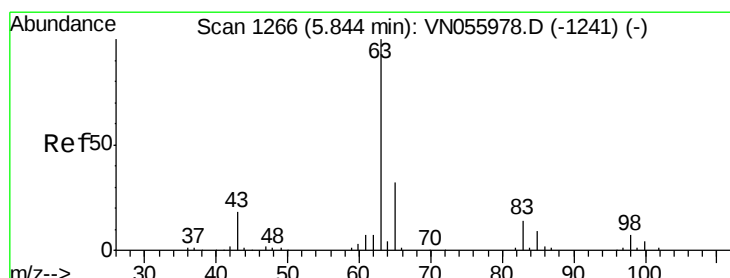
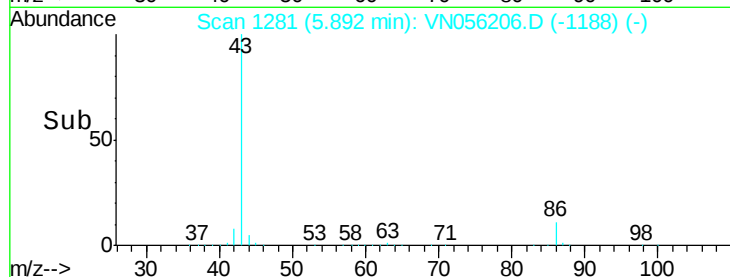
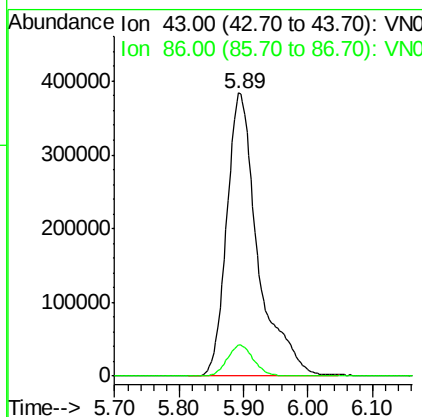
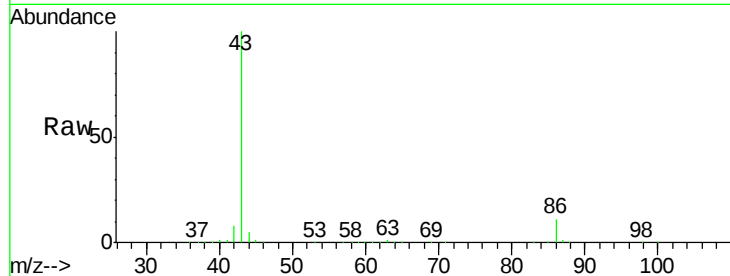
#23
 Vinyl Acetate
 Concen: 219.696 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion: 43 Resp: 1295784
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

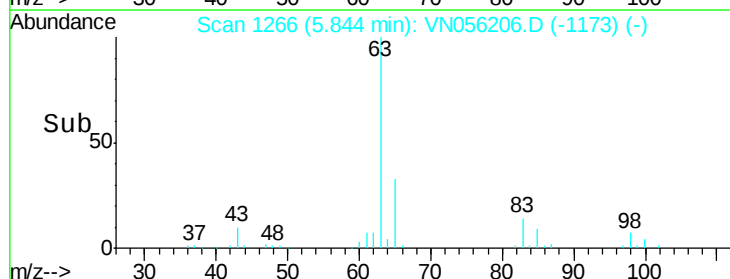
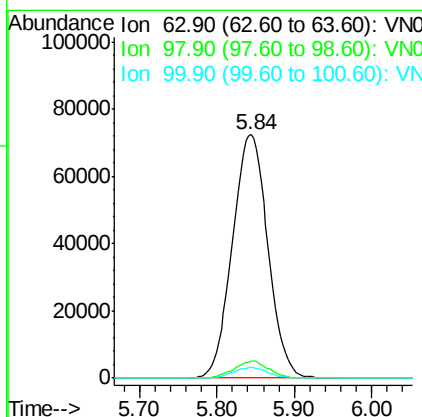
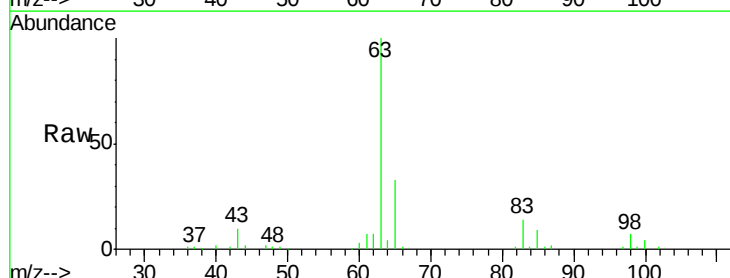
Manual Integrations
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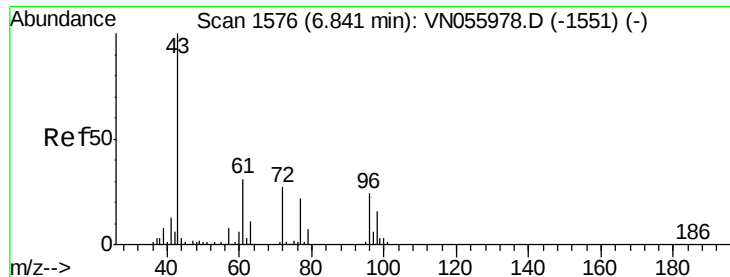
MMDadoda
 6/11/2019 11:58:40 AM



#24
 1,1-Dichloroethane
 Concen: 53.324 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 63 Resp: 230375
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.5 2.2 6.6





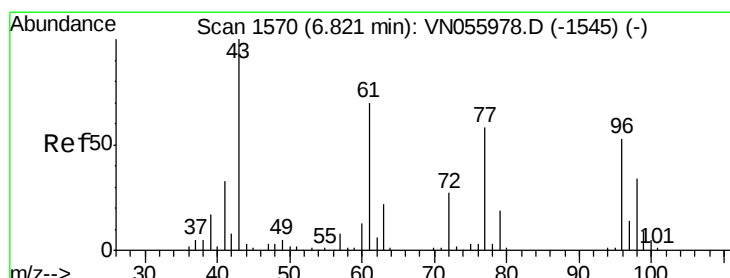
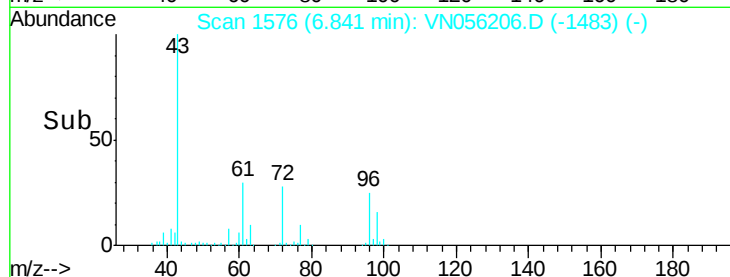
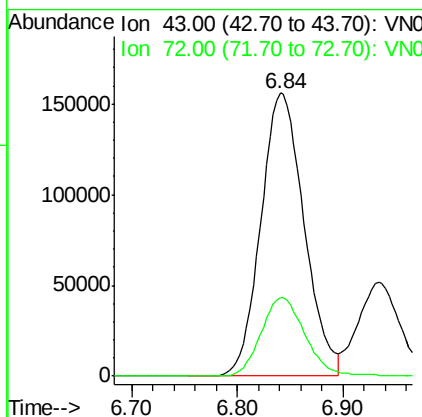
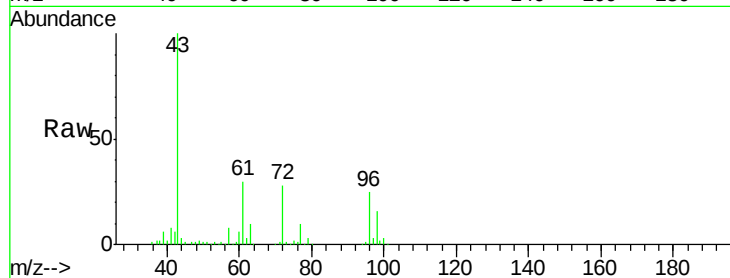
#25
2-Butanone
Concen: 270.224 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	43	Resp	443150
Ion Ratio	100	Lower	Upper
72	27.6	21.9	32.9

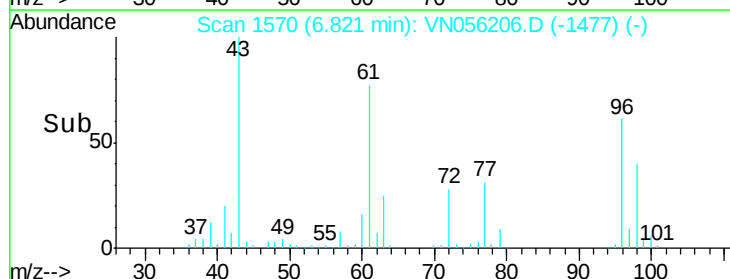
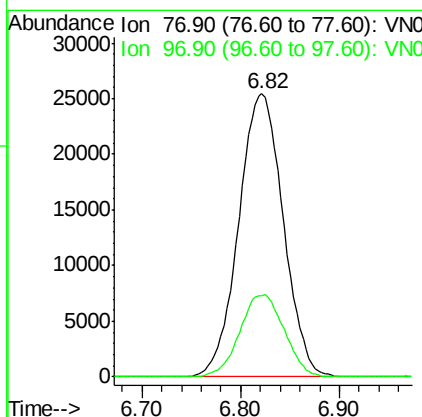
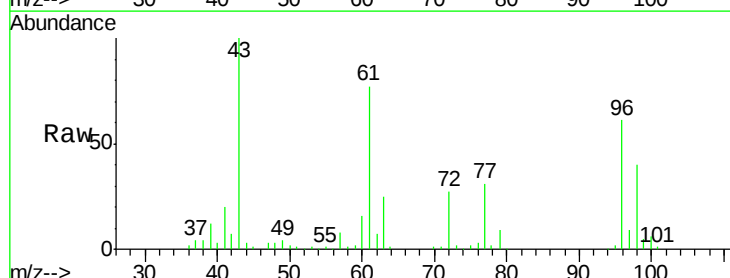
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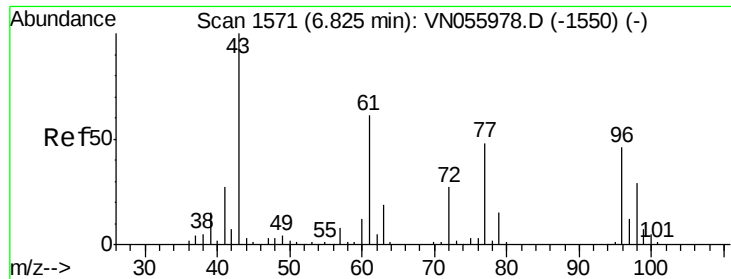
MMDadoda
6/11/2019 11:58:40 AM



#26
2,2-Dichloropropane
Concen: 23.596 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	77	Resp	79548
Ion Ratio	100	Lower	Upper
97	29.0	12.2	36.6





#27

cis-1,2-Dichloroethene

Concen: 52.300 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

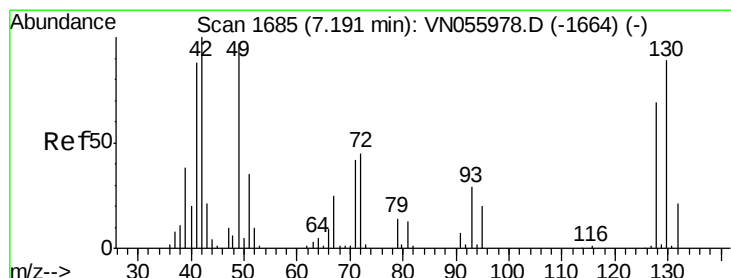
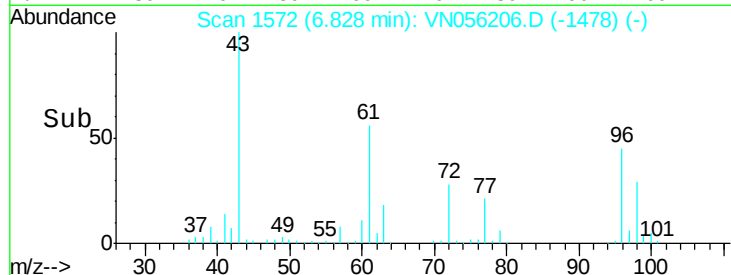
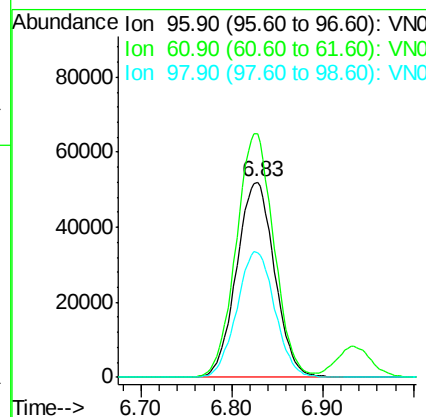
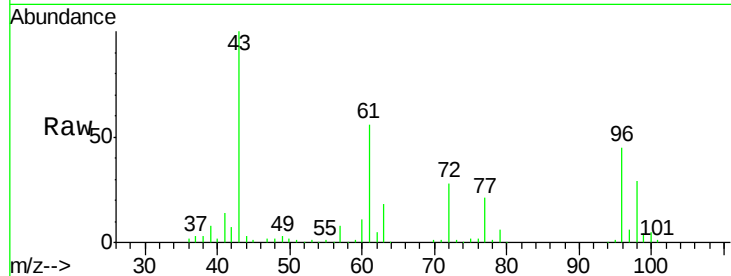
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	96	Resp:	151139
Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	275.8
98	64.2	0.0	128.4

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#28

Bromochloromethane

Concen: 54.805 ug/l

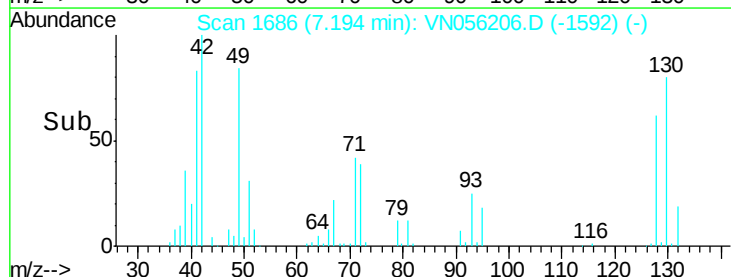
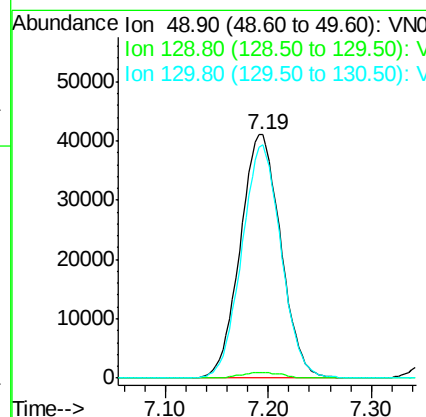
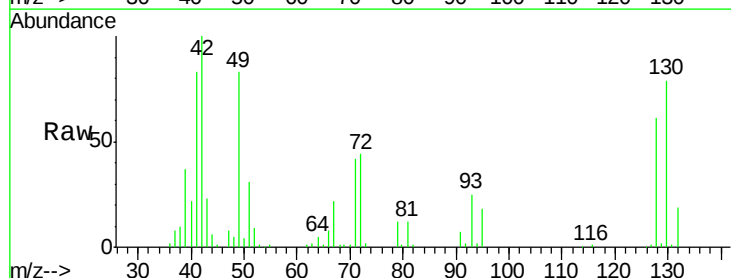
RT: 7.19 min Scan# 1686

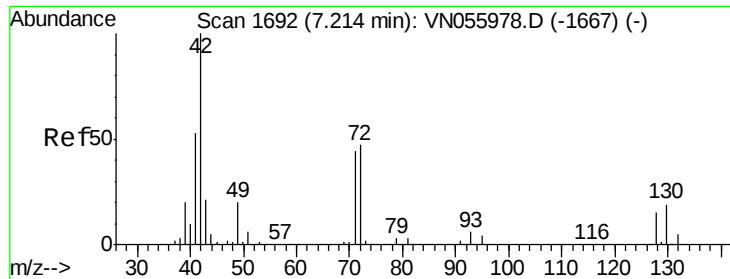
Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	49	Resp:	111970
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	92.9	71.2	106.8





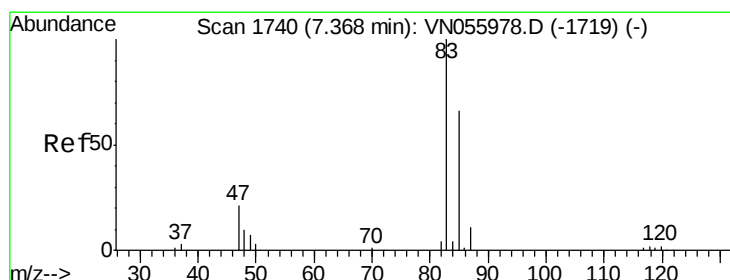
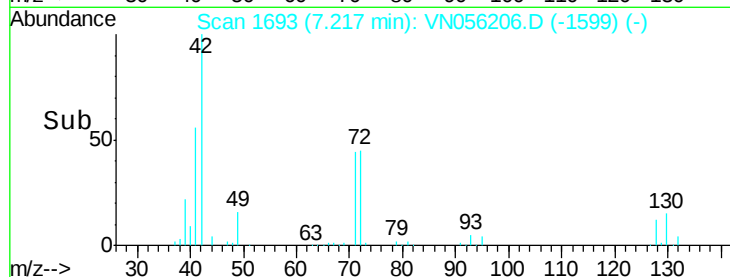
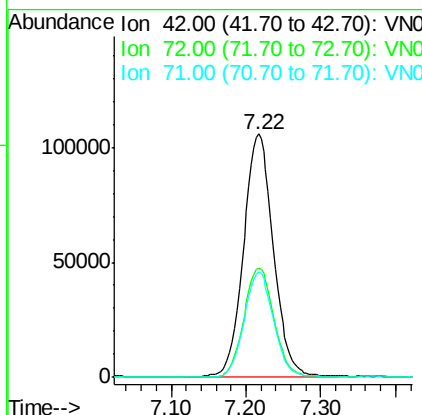
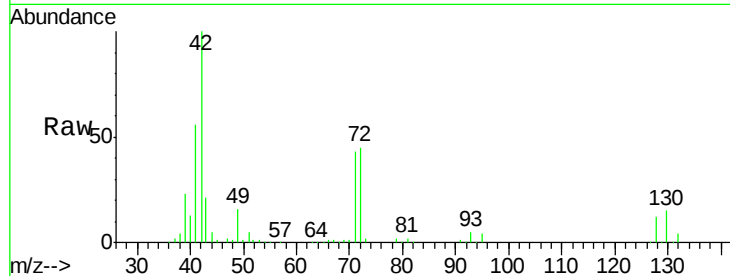
#29
Tetrahydrofuran
Concen: 291.082 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.9	53.9
71	42.5	34.0	51.0

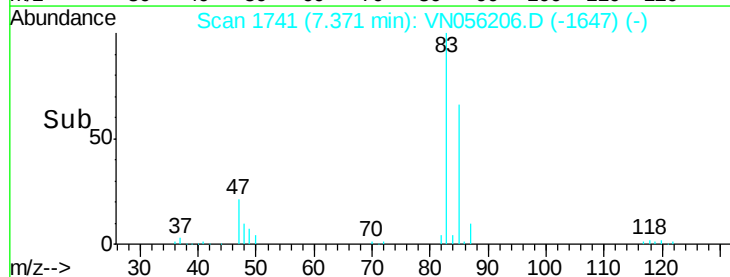
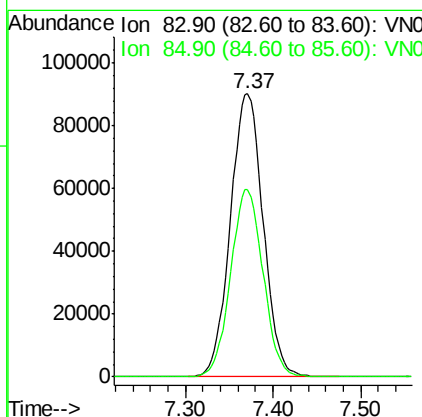
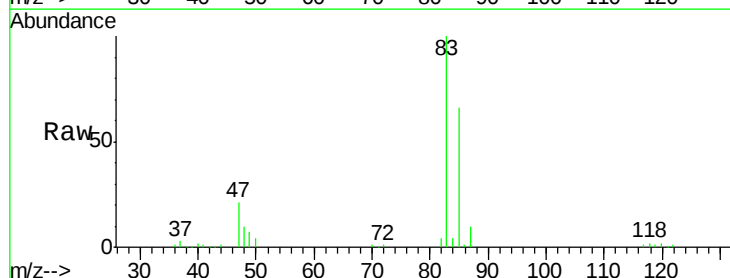
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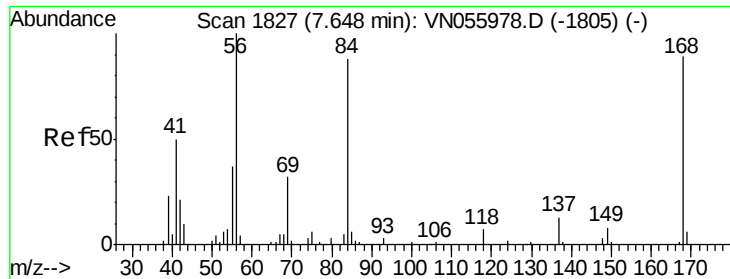
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#30
Chloroform
Concen: 54.068 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.8





#31

Cyclohexane

Concen: 45.843 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

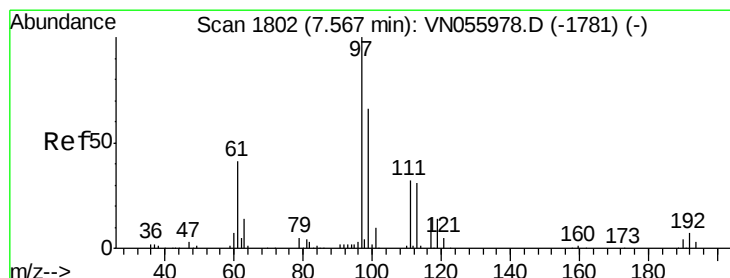
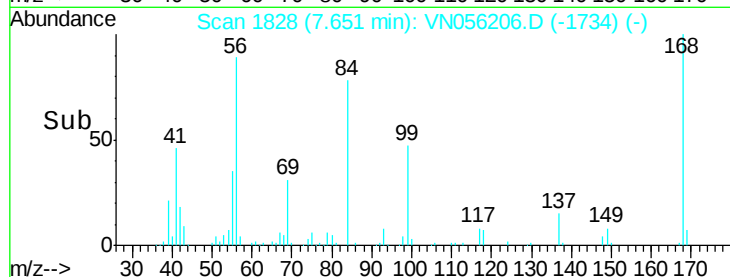
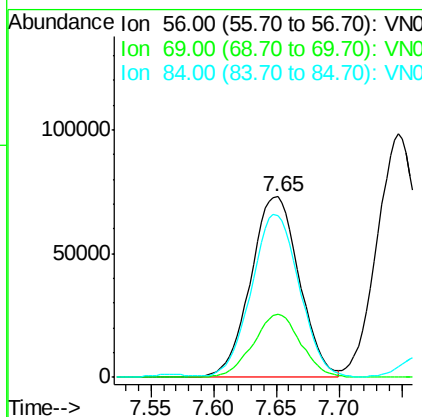
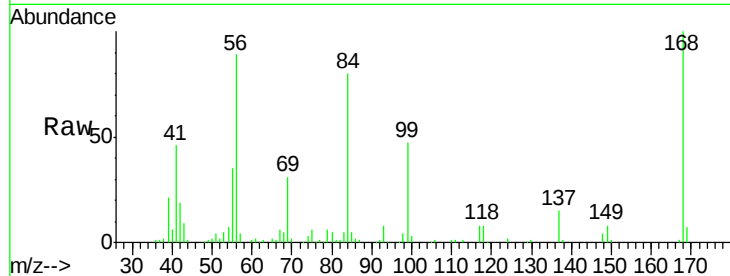
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	56	Resp:	197418
Ion Ratio	Lower	Upper	
56	100		
69	34.8	25.6	38.4
84	88.2	67.4	101.0

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#32

1,1,1-Trichloroethane

Concen: 53.423 ug/l

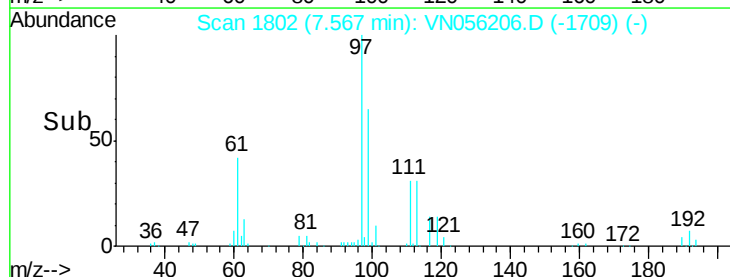
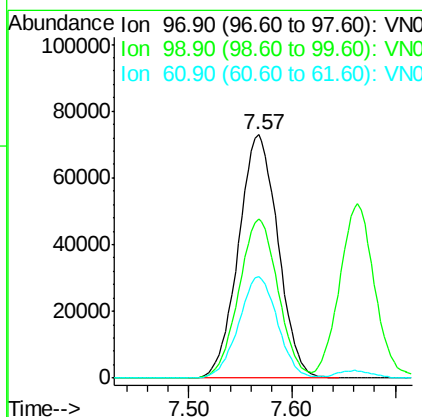
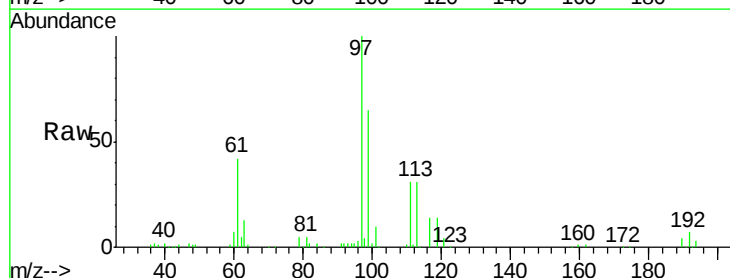
RT: 7.57 min Scan# 1802

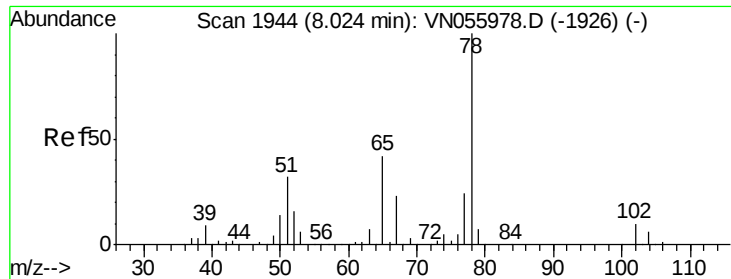
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	97	Resp:	193885
Ion Ratio	Lower	Upper	
97	100		
99	65.2	52.0	78.0
61	41.0	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 53.832 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 65 Resp: 146092

Ion Ratio Lower Upper

65 100

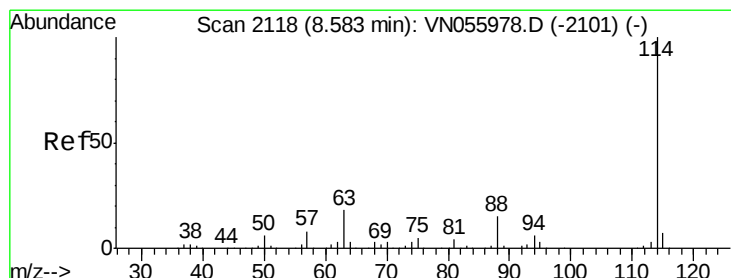
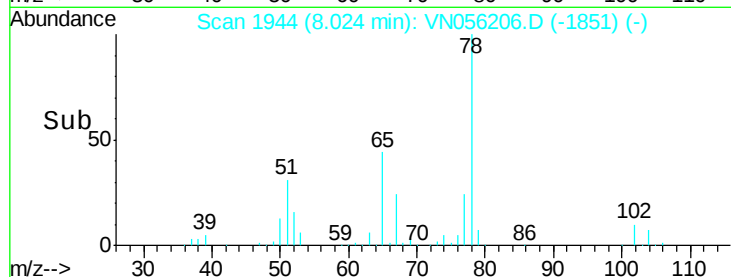
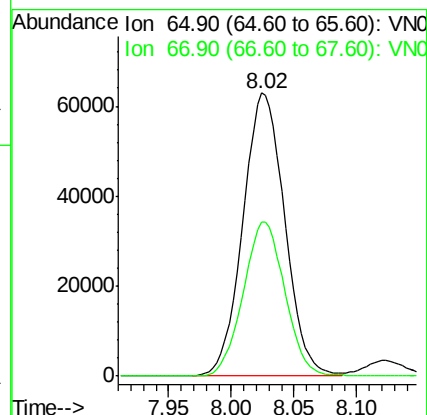
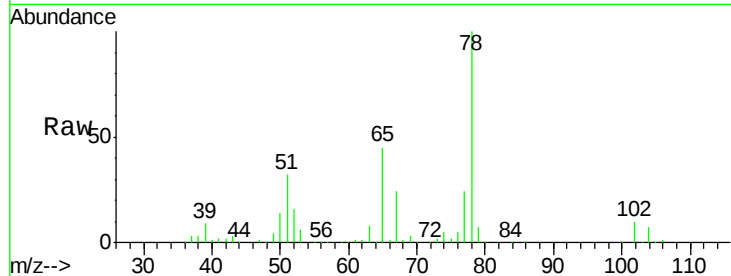
67 54.1 0.0 109.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

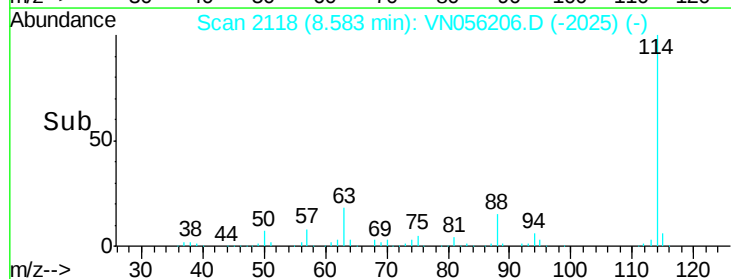
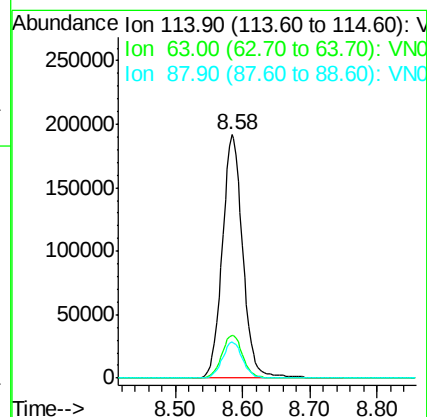
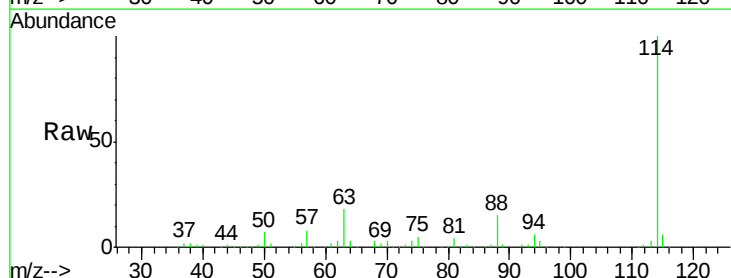
Tgt Ion: 114 Resp: 407110

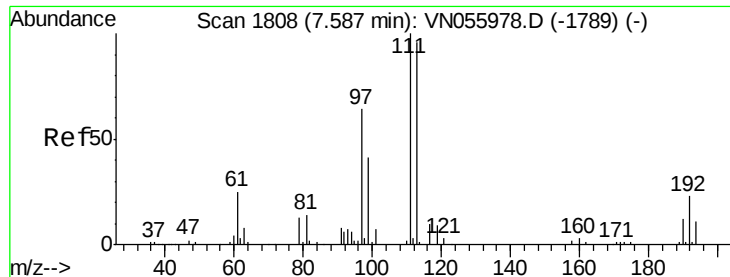
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.2

88 14.8 0.0 31.0





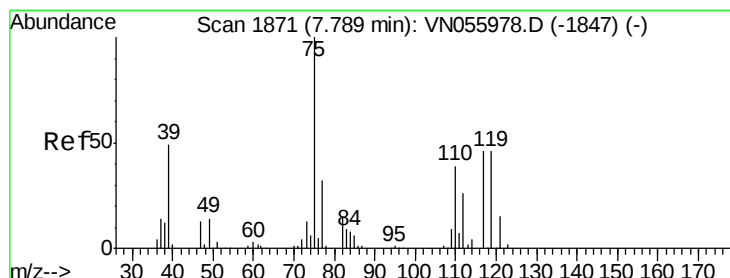
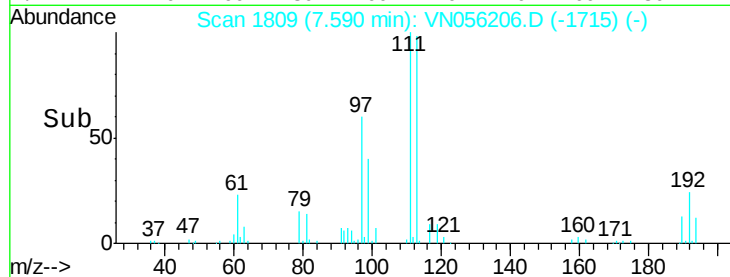
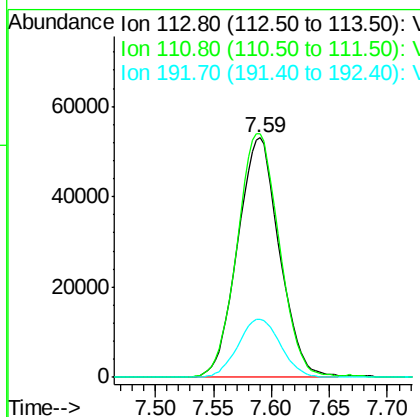
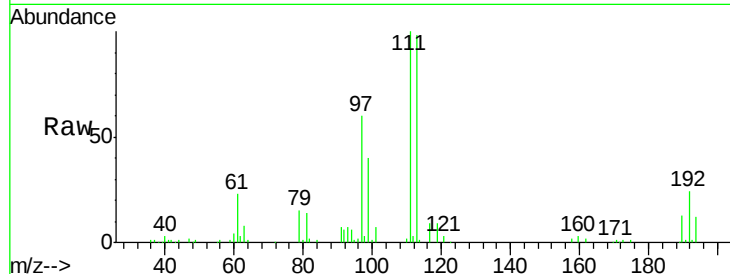
#35
 Dibromofluoromethane
 Concen: 53.249 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.5	81.9	122.9	
192	24.7	19.5	29.3	

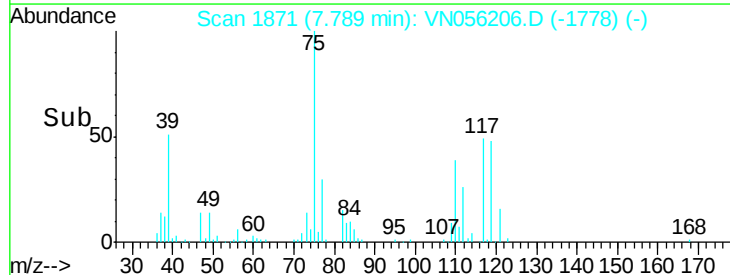
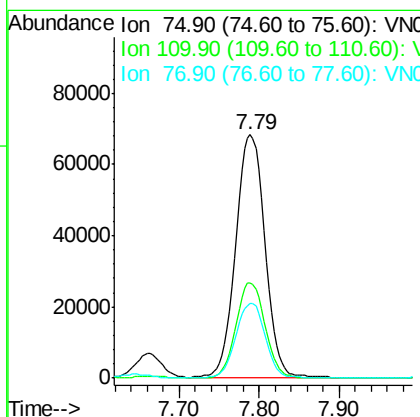
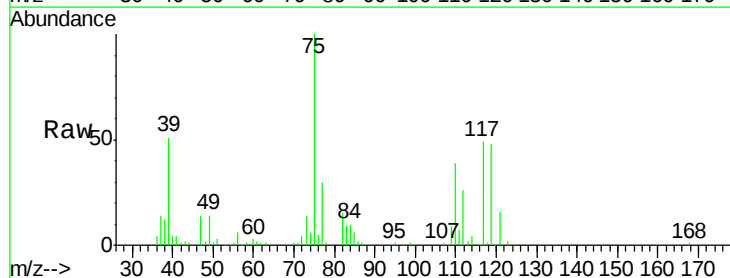
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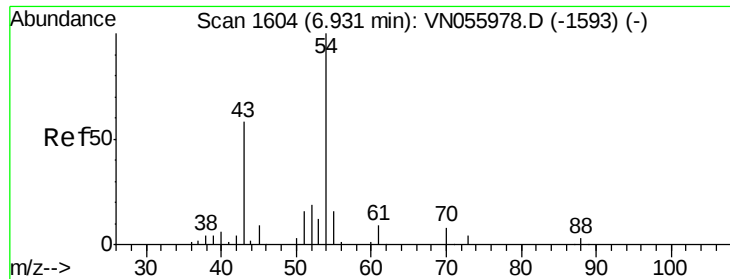
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#36
 1,1-Dichloropropene
 Concen: 48.266 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.8	19.0	57.0	
77	30.9	25.1	37.7	





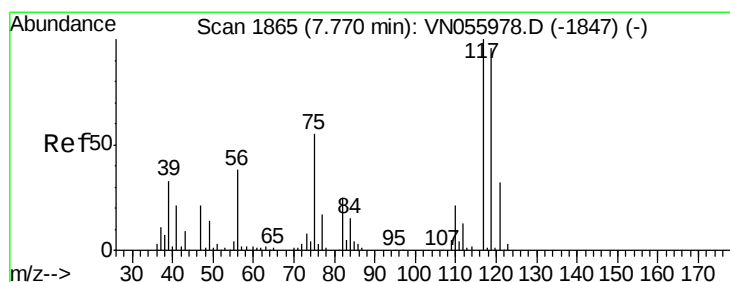
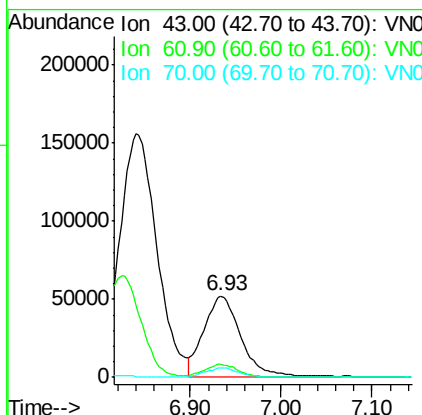
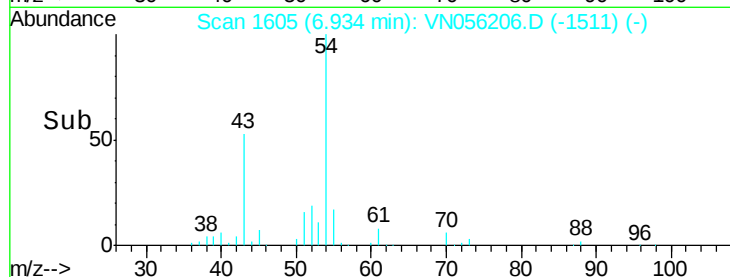
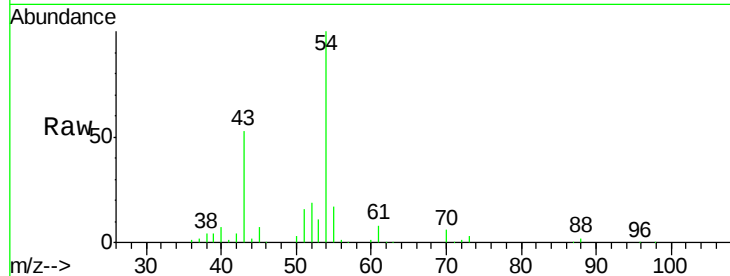
#37
Ethyl Acetate
Concen: 46.490 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.2	18.2
70	11.0	8.9	13.3

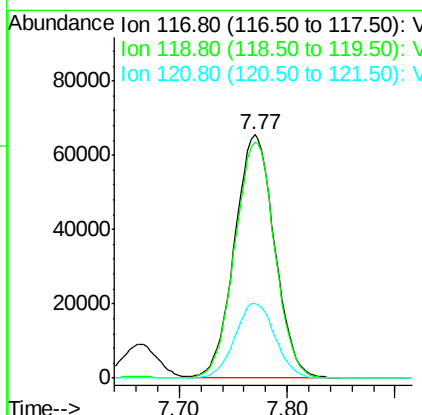
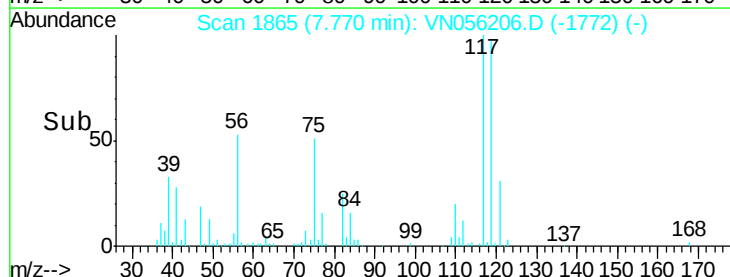
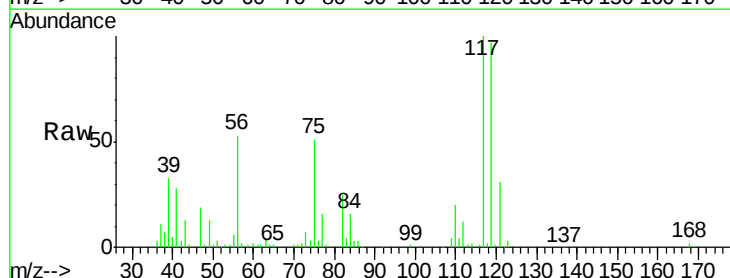
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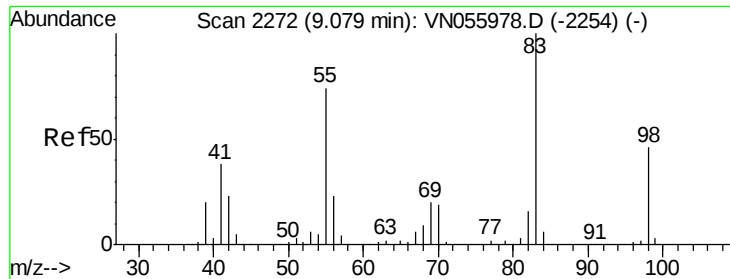
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#38
Carbon Tetrachloride
Concen: 52.248 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.0	118.6
121	30.7	24.7	37.1





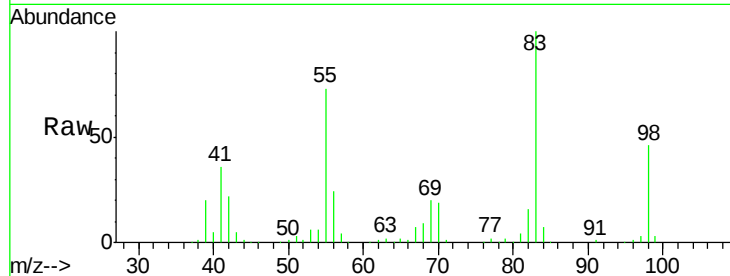
#39
Methvlcvclohexane
Concen: 43.592 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	59.3	88.9
98	46.2	36.6	54.8

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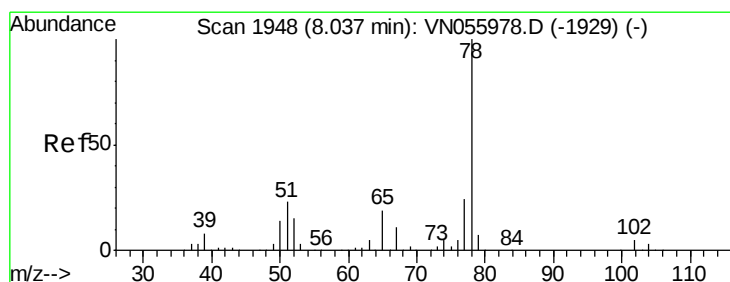
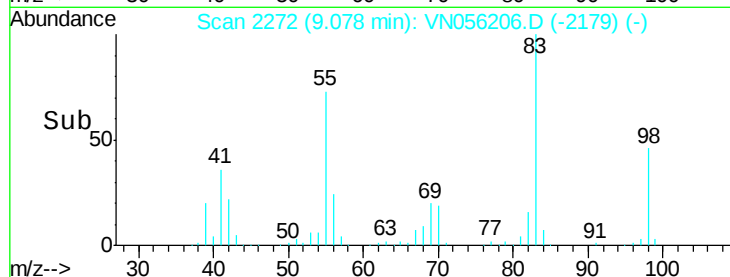
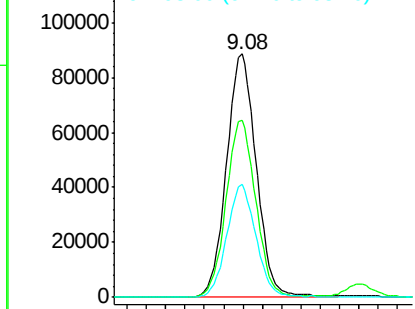


Abundance

Ion 83.00 (82.70 to 83.70): VNO

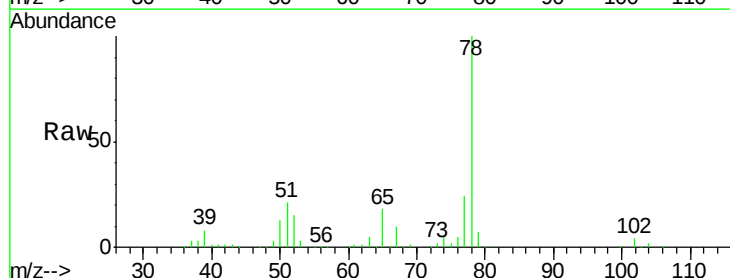
Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO



#40
Benzene
Concen: 50.454 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

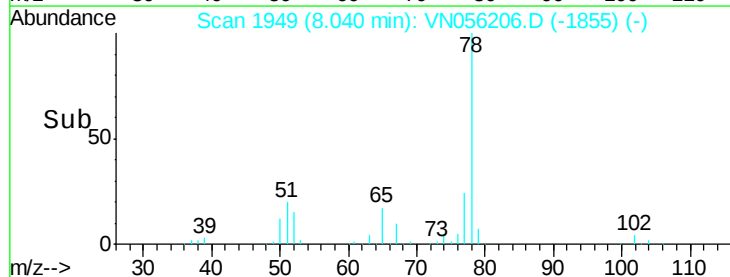
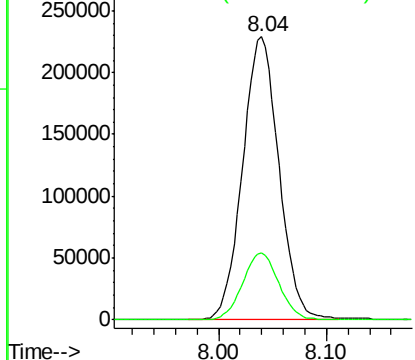
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

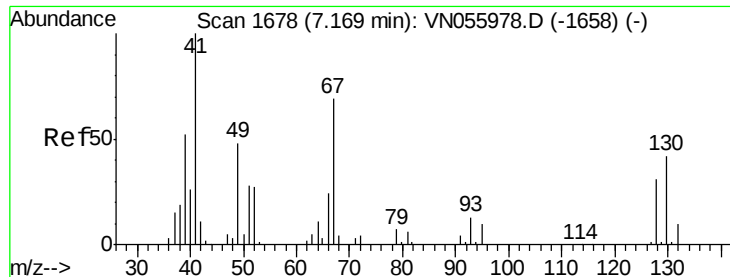


Abundance

Ion 78.00 (77.70 to 78.70): VNO

Ion 77.00 (76.70 to 77.70): VNO





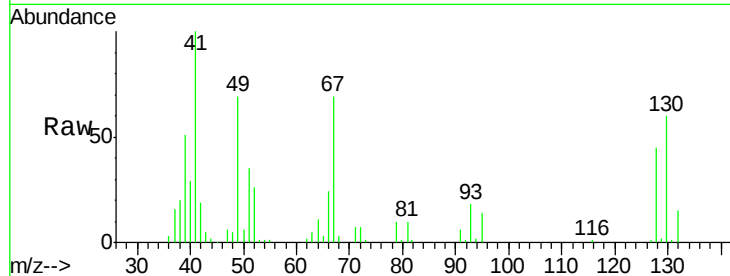
#41
Methacrylonitrile
Concen: 58.265 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.6	68.4
67	87.2	67.7	101.5
52	34.3	26.6	40.0

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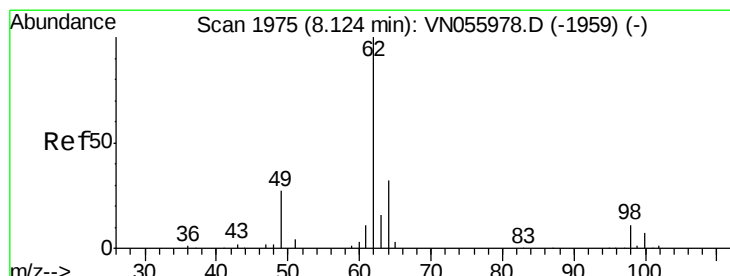
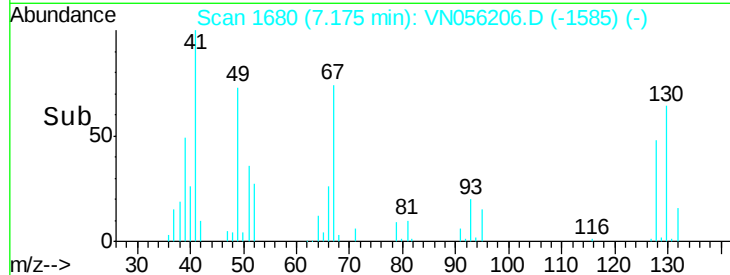
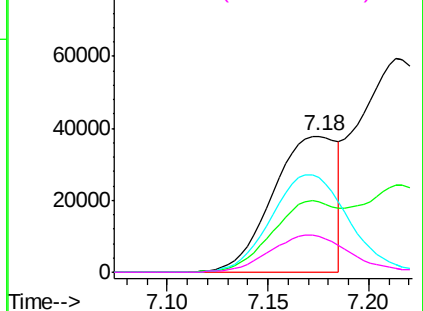
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

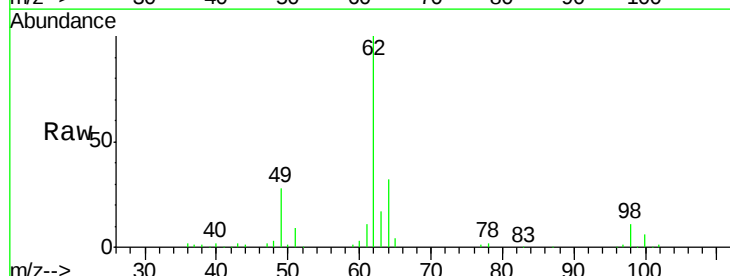
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 51.015 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

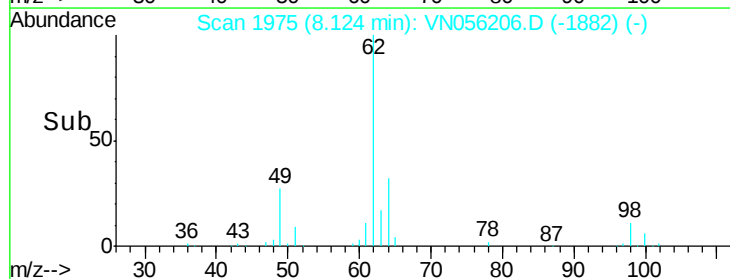
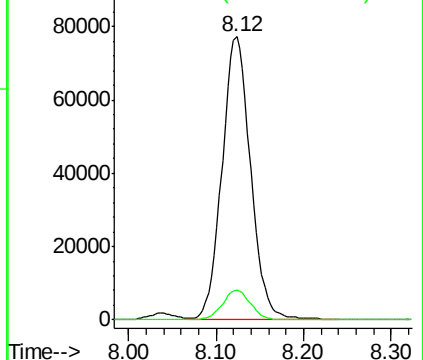
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

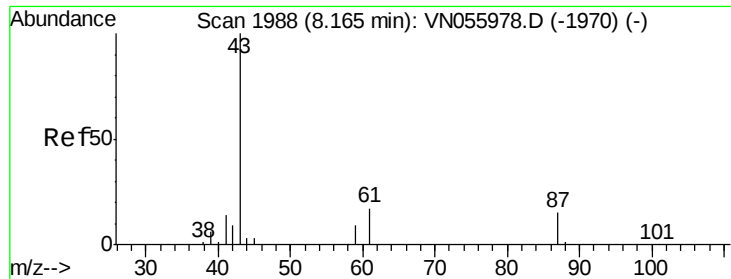


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 47.333 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

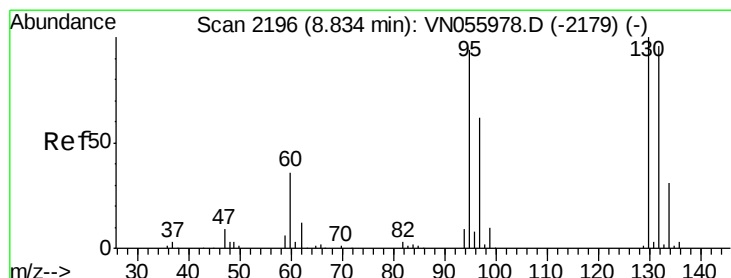
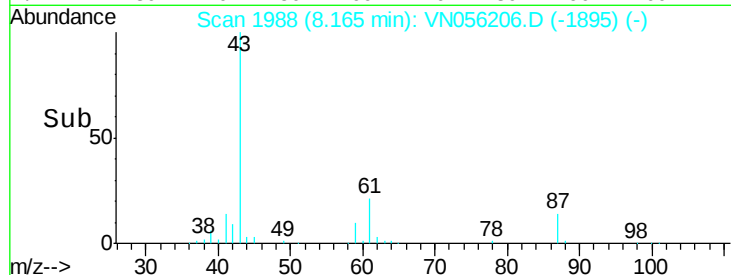
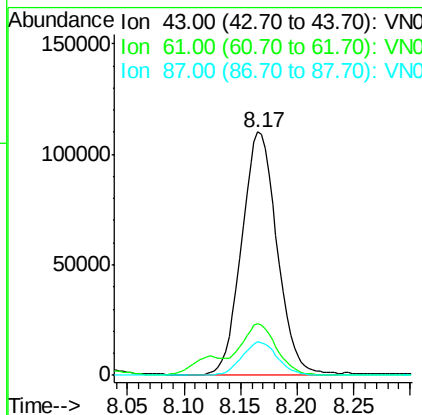
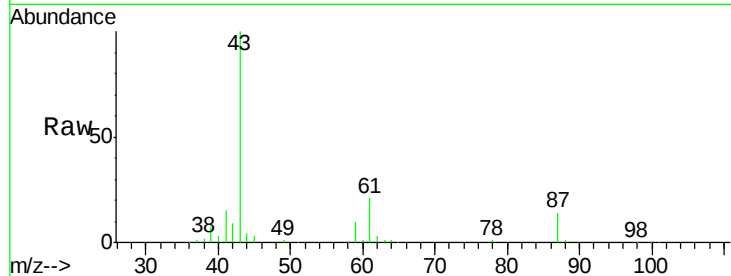
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	43	Resp:	238902
Ion Ratio	Lower	Upper	
43	100		
61	20.8	22.2	33.4#
87	14.0	11.4	17.2

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#44

Trichloroethene

Concen: 62.332 ug/l

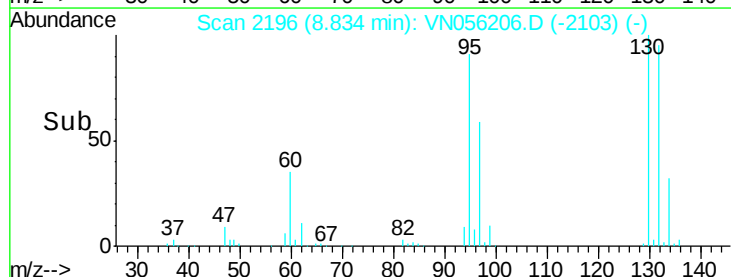
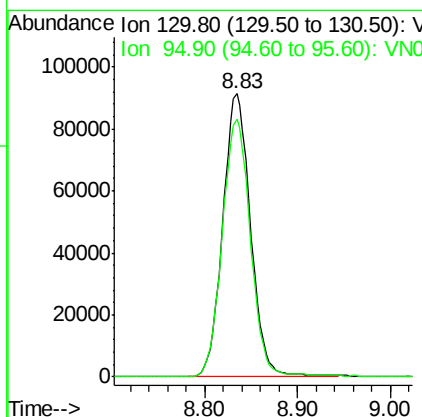
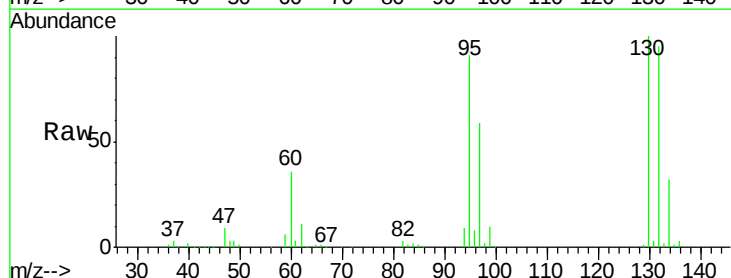
RT: 8.83 min Scan# 2196

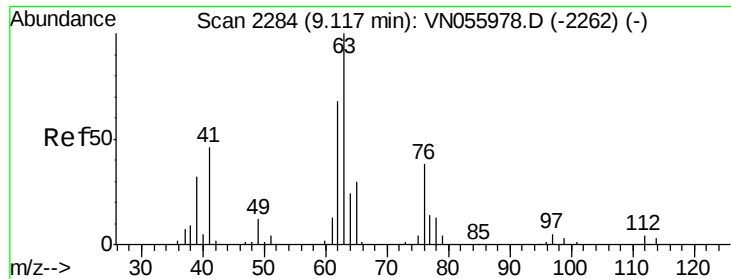
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	130	Resp:	190429
Ion Ratio	Lower	Upper	
130	100		
95	91.0	0.0	188.0





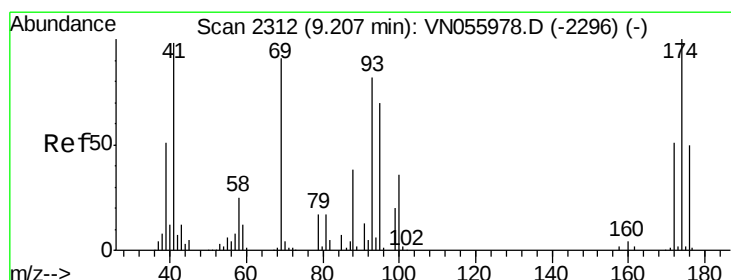
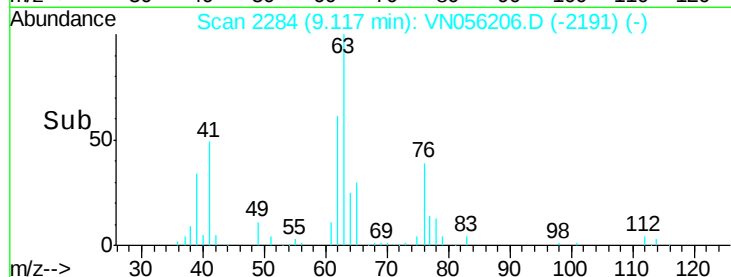
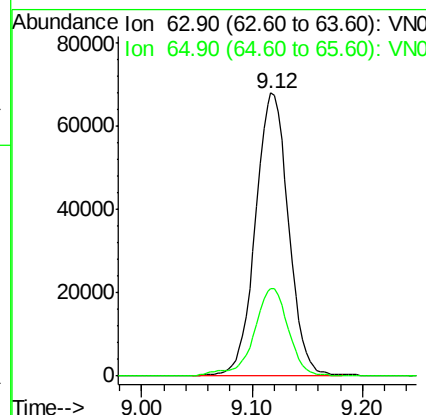
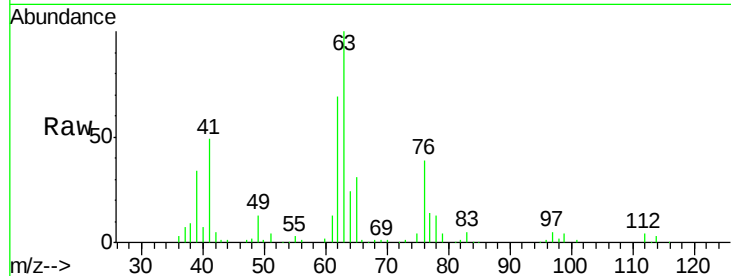
#45
 1,2-Dichloropropane
 Concen: 52.142 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion: 63 Resp: 142000
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8

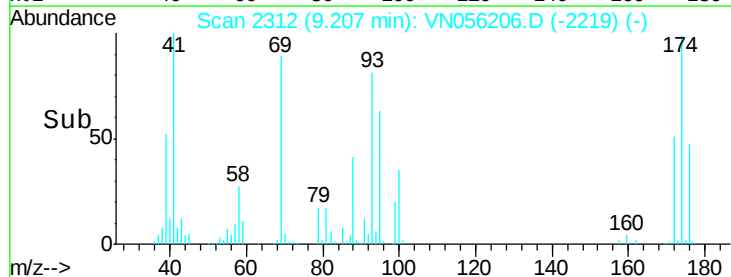
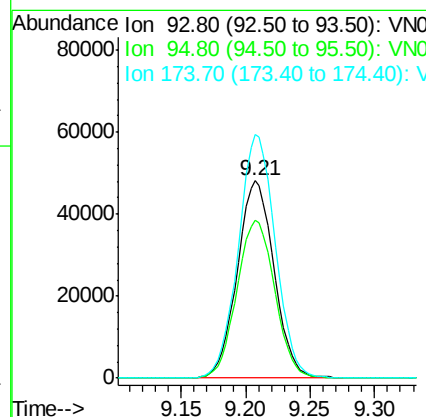
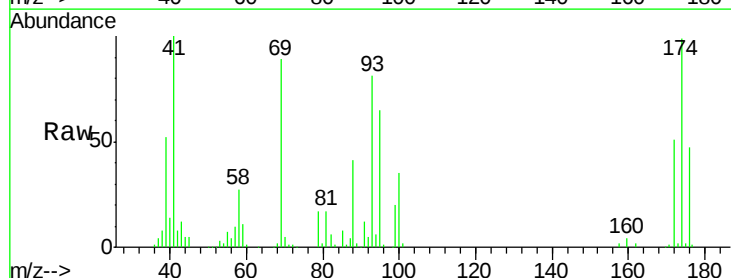
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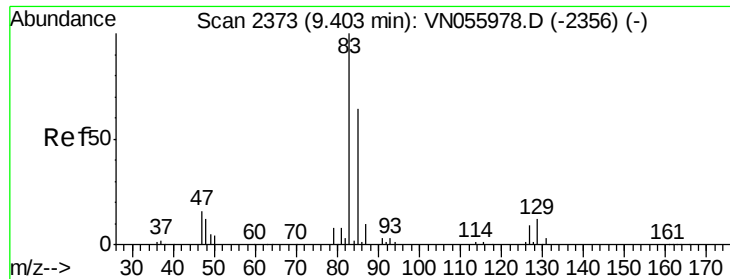
MMDadoda
 6/11/2019 11:58:40 AM



#46
 Dibromomethane
 Concen: 53.782 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 93 Resp: 95777
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.7 100.1
 174 123.9 96.4 144.6





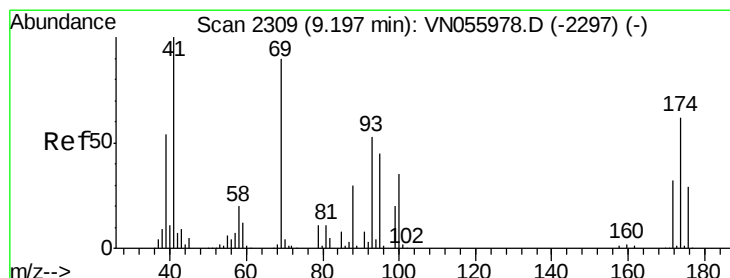
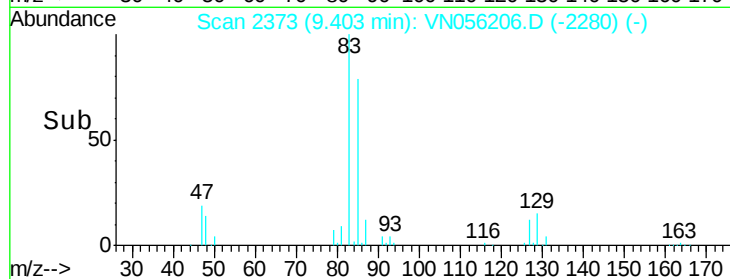
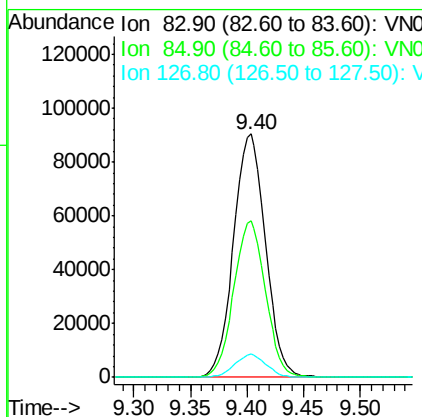
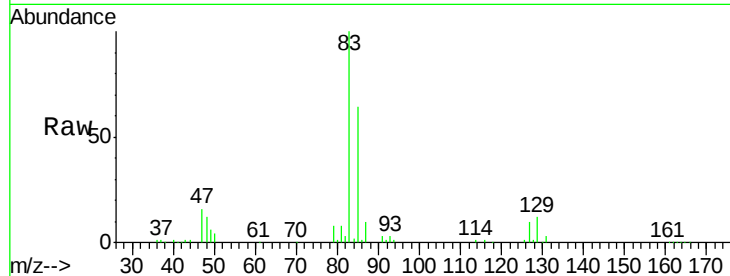
#47
Bromodichloromethane
Concen: 55.323 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.2
127	9.8	7.4	11.0

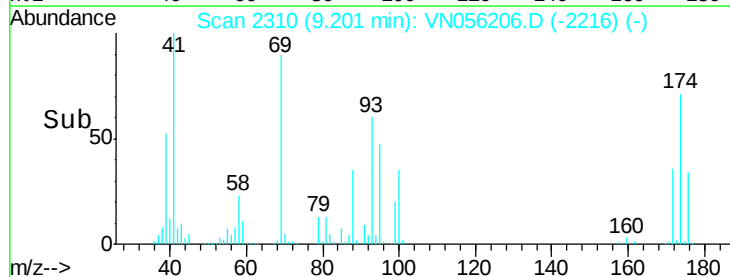
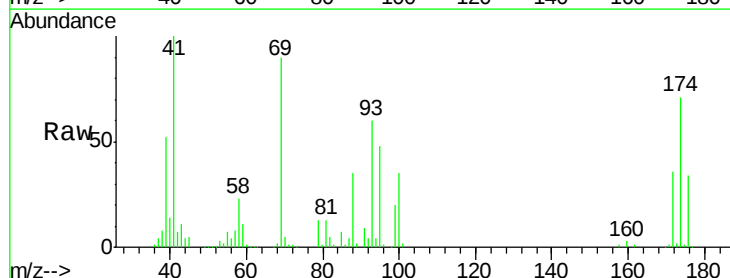
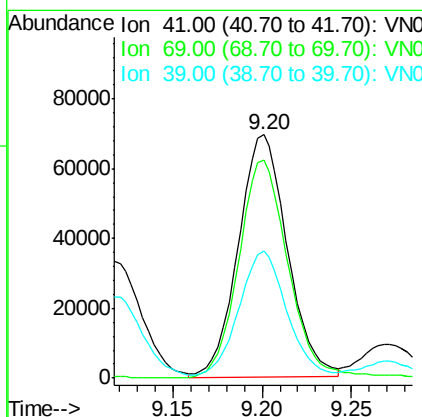
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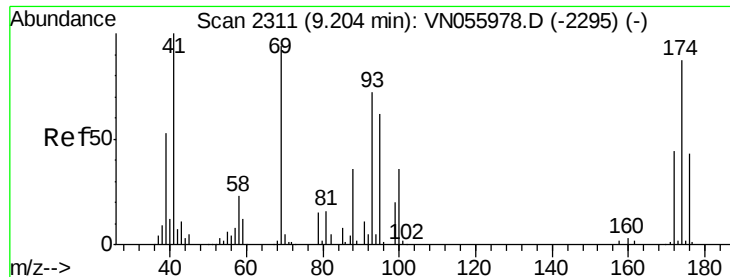
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#48
Methyl methacrylate
Concen: 54.235 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.6	71.0	106.6
39	51.3	44.2	66.2





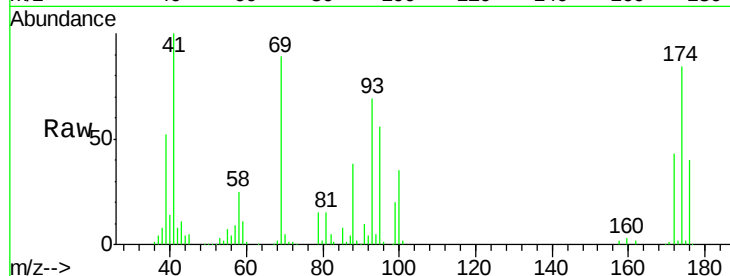
#49
1,4-Dioxane
Concen: 1141.442 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

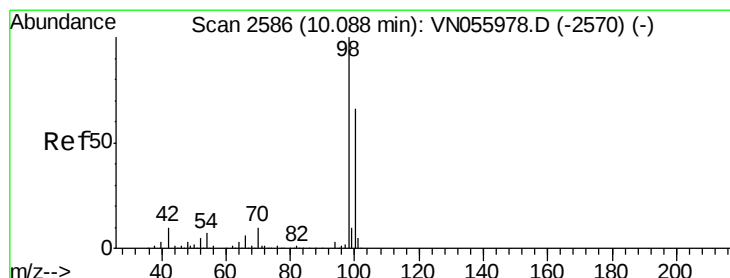
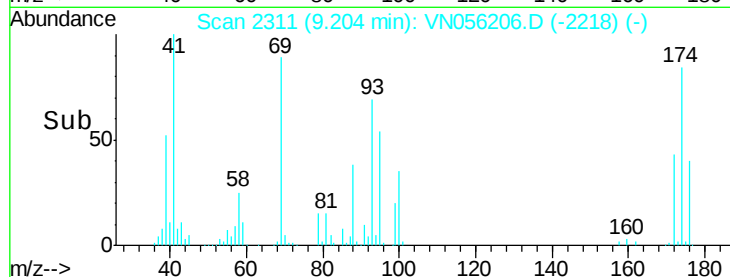
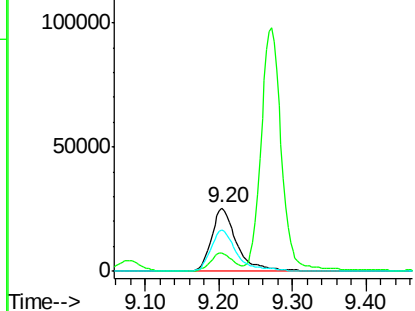
Tot Ion	Ratio	Resp	Lower	Upper
88	100	60848		
43	24.3		20.5	30.7
58	64.0		55.8	83.6

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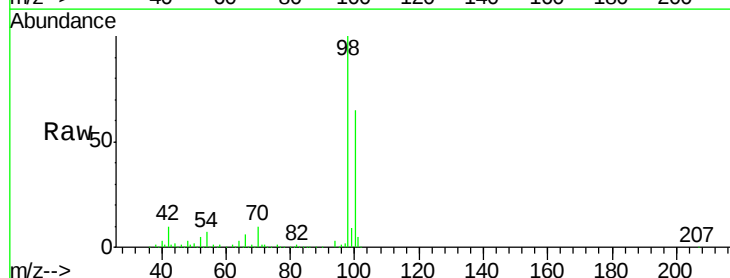


Abundance Ion 88.00 (87.70 to 88.70): VN056206.D (-2218) (-)
Ion 43.00 (42.70 to 43.70): VN056206.D (-2218) (-)
Ion 58.00 (57.70 to 58.70): VN056206.D (-2218) (-)

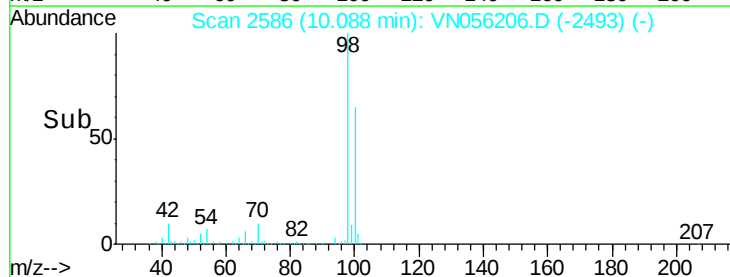
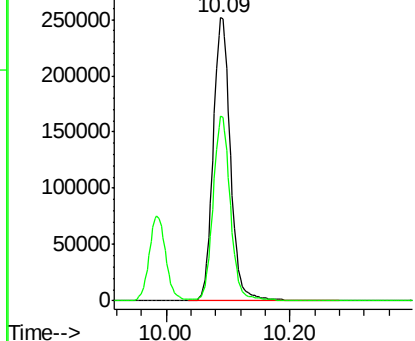


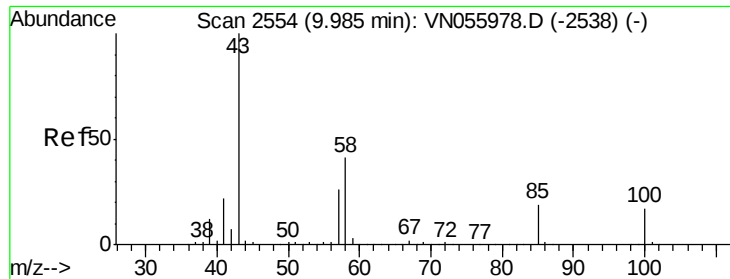
#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	488866		
100	65.0		51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN056206.D (-2493) (-)
Ion 100.00 (99.70 to 100.70): VN056206.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 277.281 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 43 Resp: 875176

Ion Ratio Lower Upper

43 100

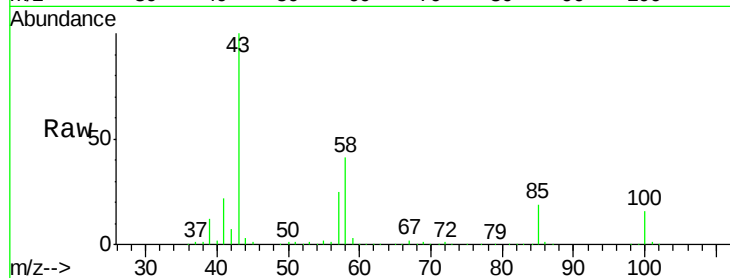
58 40.1 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

500000

400000

300000

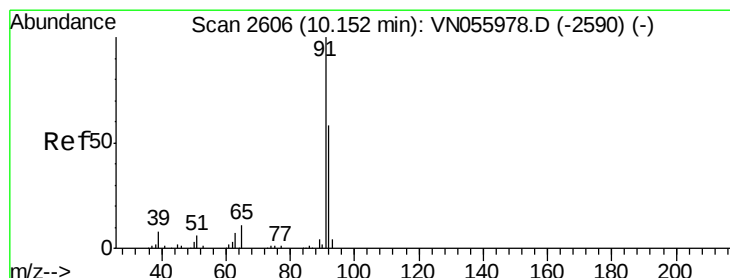
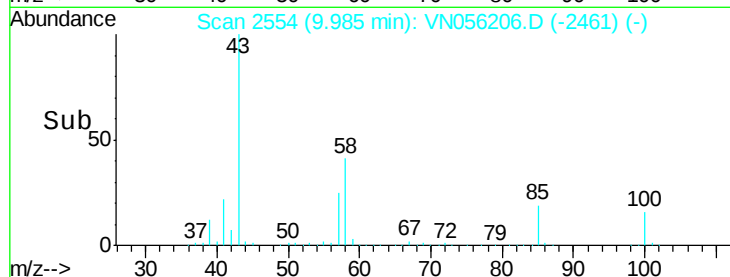
200000

100000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 50.585 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056206.D

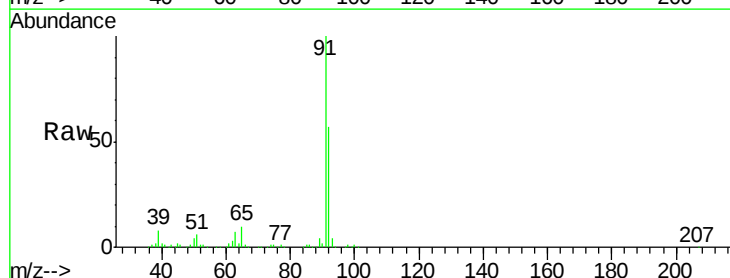
Acq: 11 Jun 2019 7:41

Tgt Ion: 92 Resp: 334664

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

300000

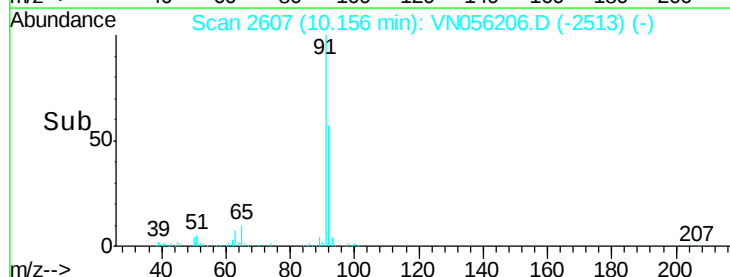
200000

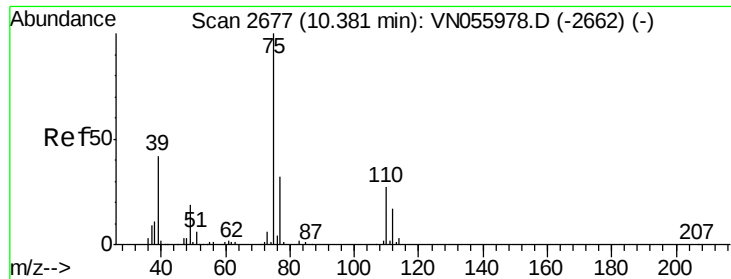
100000

0

10.10 10.20 10.30

Time-->





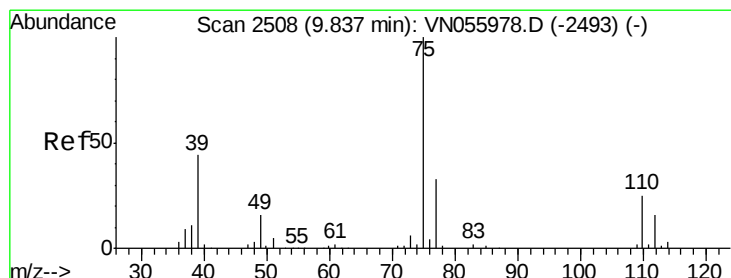
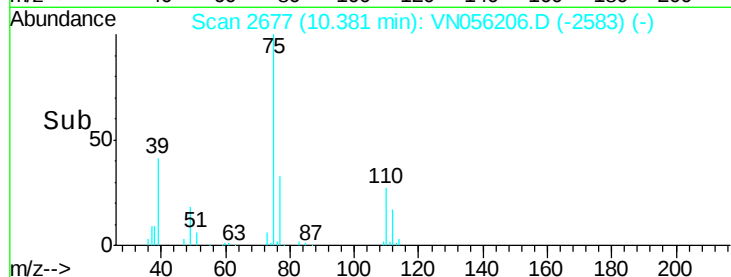
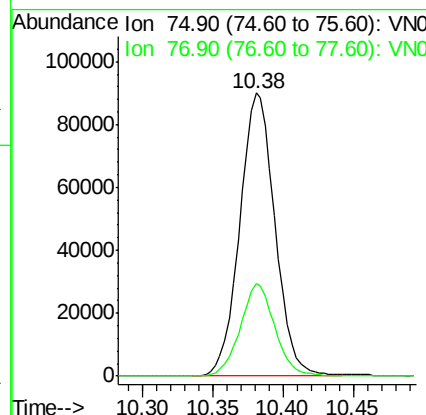
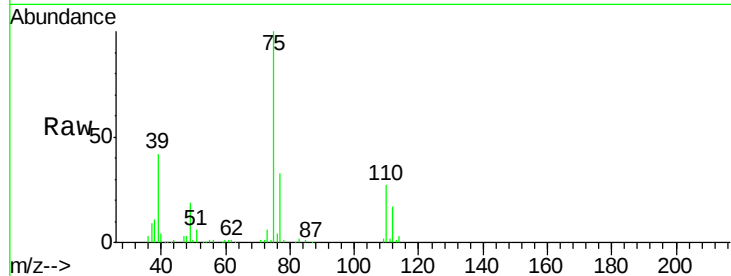
#53
 t-1,3-Dichloropropene
 Concen: 41.991 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleID :
 RE123D1-20190605MSD

Tot Ion: 75 Resp: 157374
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6

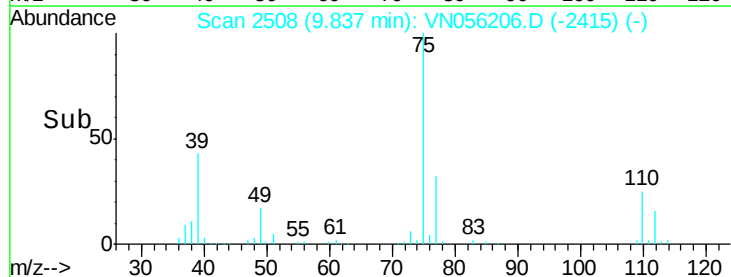
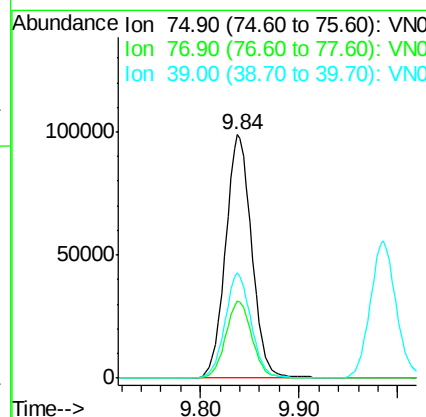
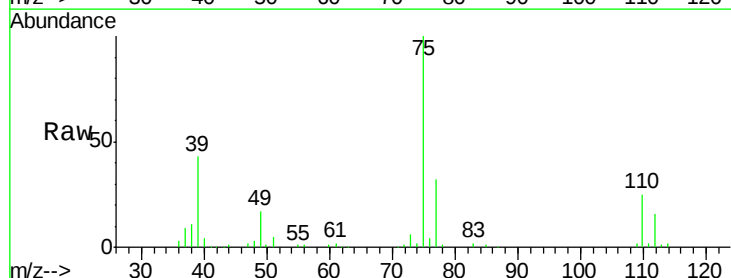
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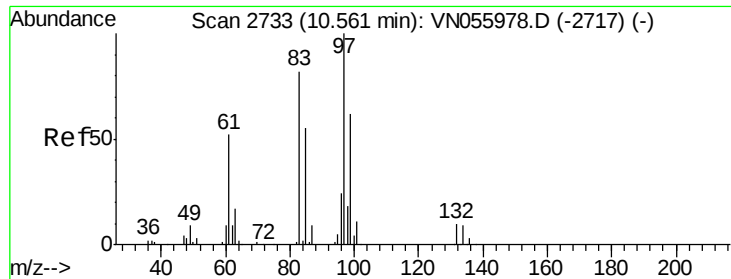
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#54
 cis-1,3-Dichloropropene
 Concen: 47.433 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 184024
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 43.3 36.3 54.5





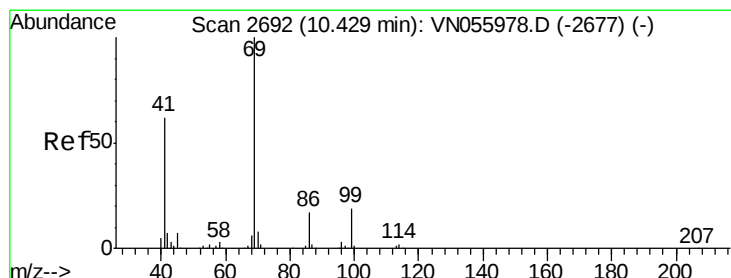
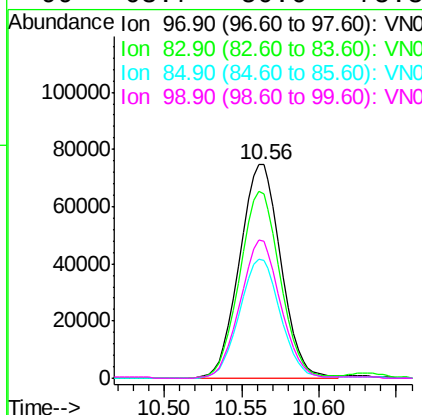
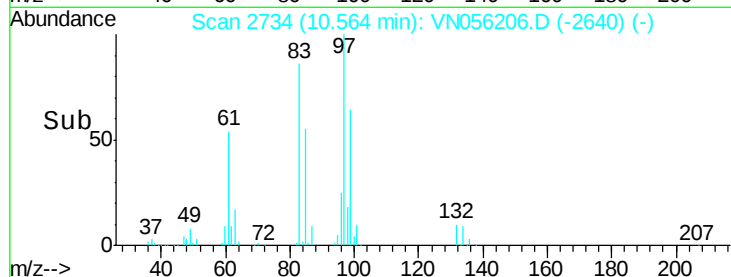
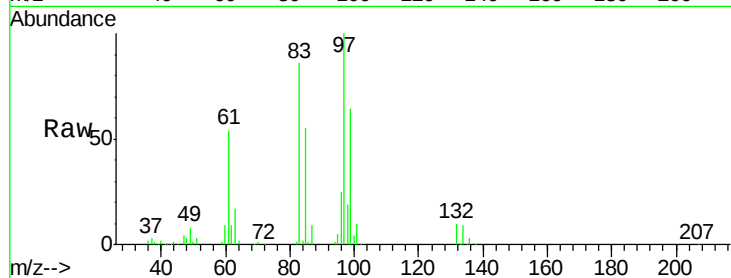
#55
 1,1,2-Trichloroethane
 Concen: 53.102 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion:	97	Resp:	139163
Ion Ratio	Lower	Upper	
97	100		
83	86.3	67.0	100.6
85	55.4	44.0	66.0
99	63.7	50.6	75.8

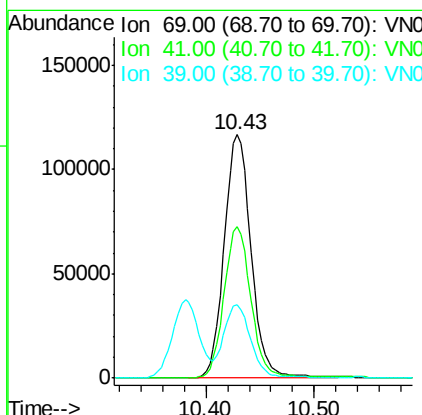
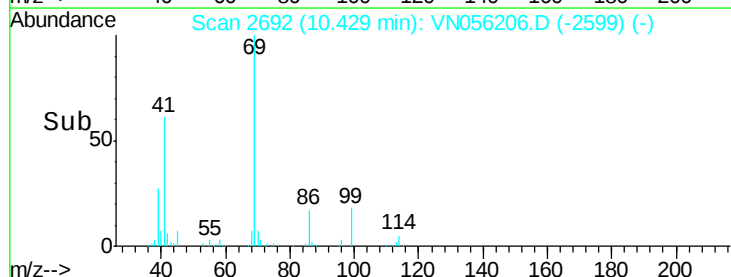
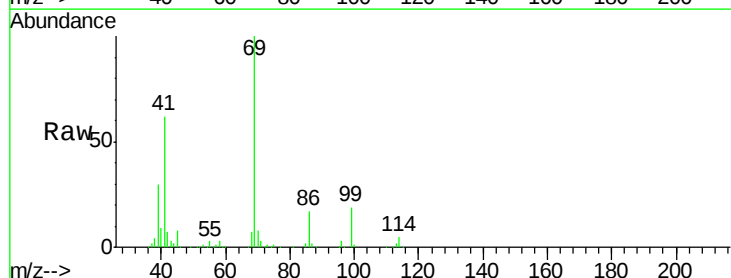
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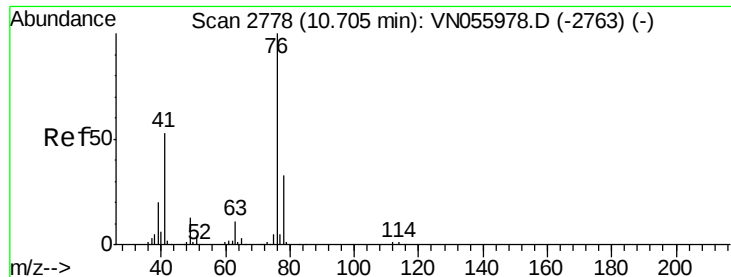
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 6/11/2019 11:58:40 AM



#56
 Ethyl methacrylate
 Concen: 53.013 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:	69	Resp:	202684
Ion Ratio	Lower	Upper	
69	100		
41	61.8	49.7	74.5
39	28.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.968 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 76 Resp: 225659

Ion Ratio Lower Upper

76 100

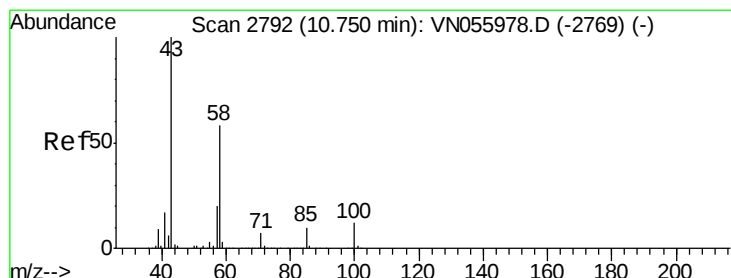
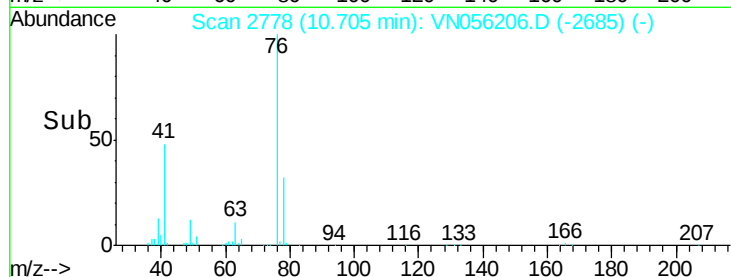
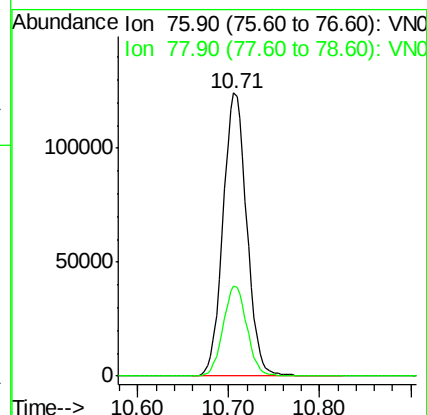
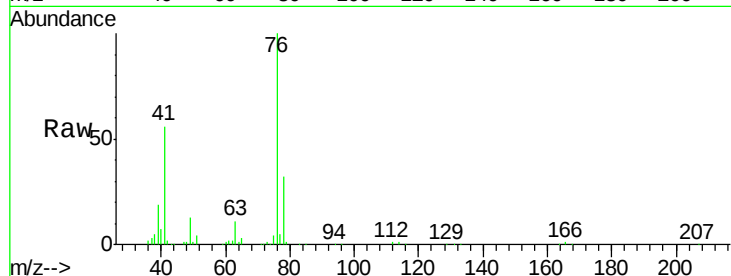
78 32.0 25.8 38.6

Manual Integrations

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6/11/2019 11:58:40 AM



#59

2-Hexanone

Concen: 270.687 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN056206.D

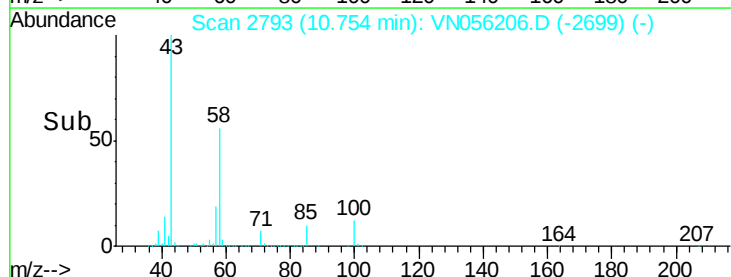
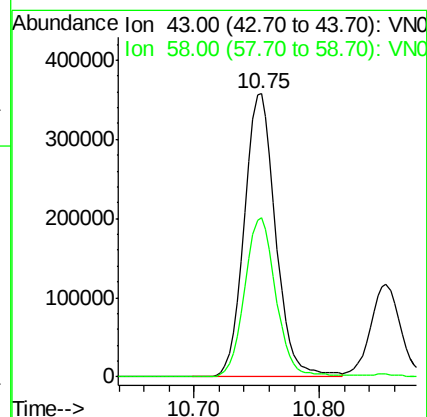
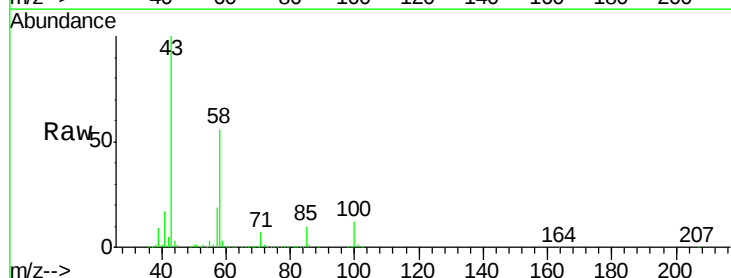
Acq: 11 Jun 2019 7:41

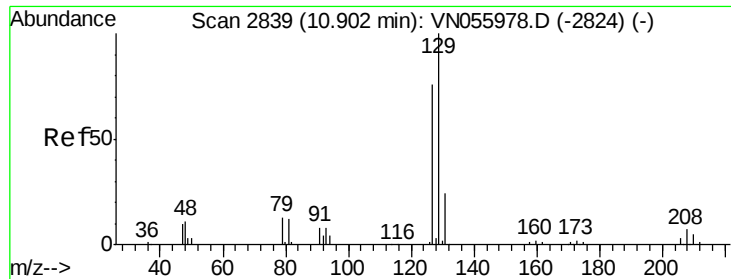
Tgt Ion: 43 Resp: 619224

Ion Ratio Lower Upper

43 100

58 56.4 28.2 84.7





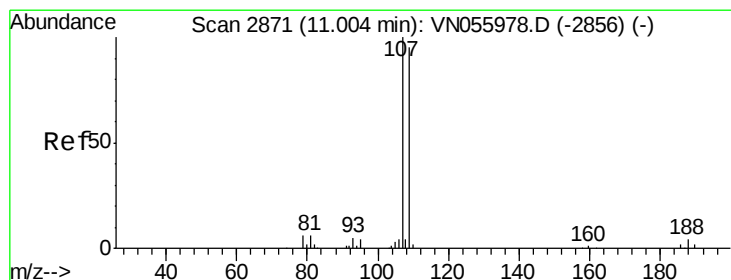
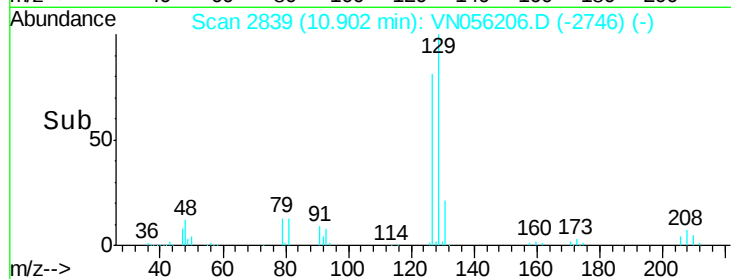
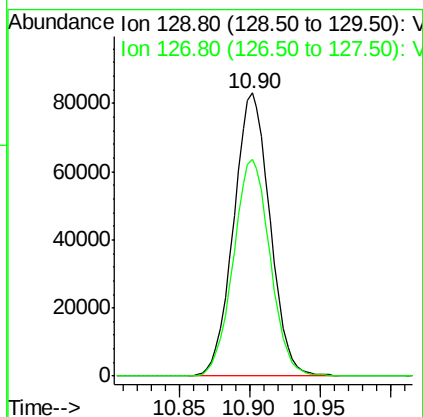
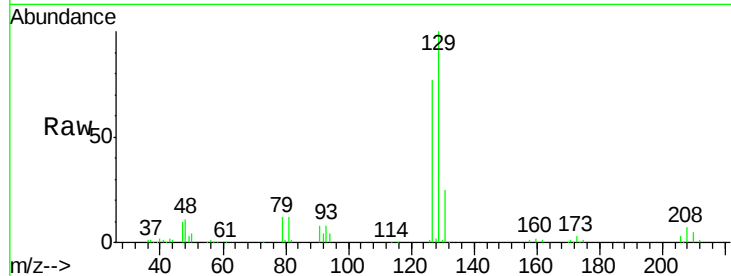
#60
 Dibromochloromethane
 Concen: 51.791 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion:129 Resp: 149960
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.1 114.3

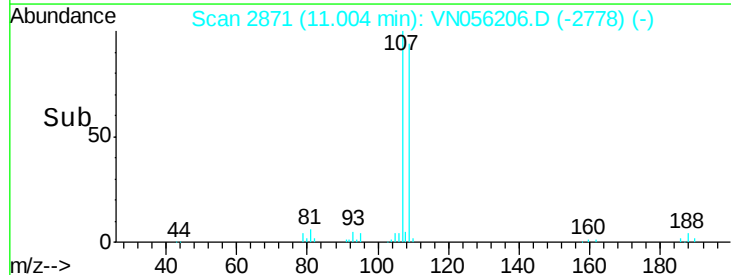
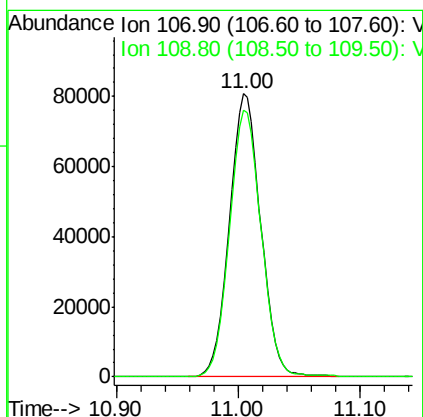
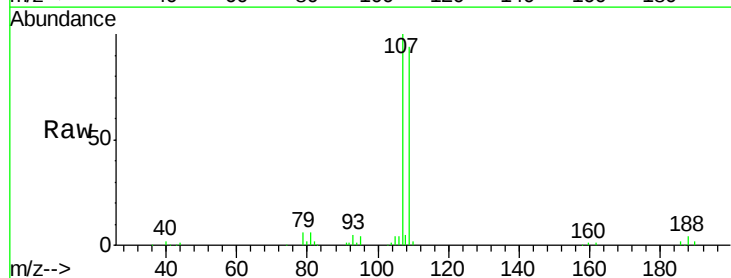
Manual Integrations
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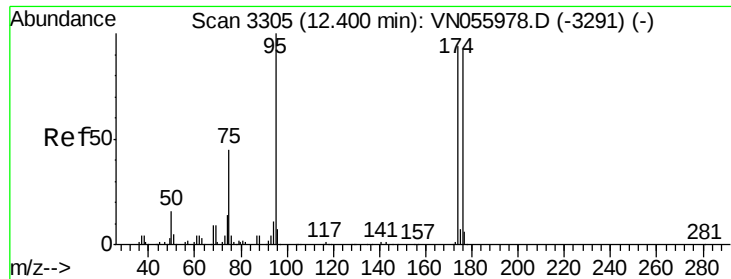
MMDadoda
 6/11/2019 11:58:40 AM



#61
 1,2-Dibromoethane
 Concen: 53.901 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:107 Resp: 144406
 Ion Ratio Lower Upper
 107 100
 109 95.8 74.8 112.2





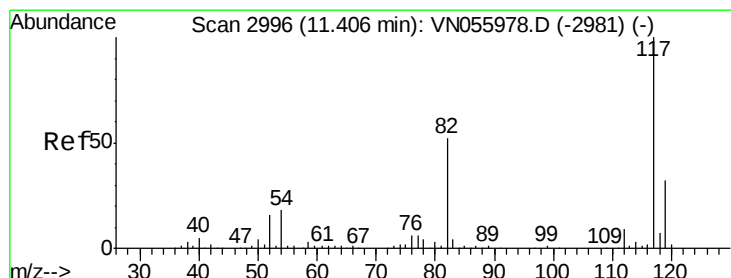
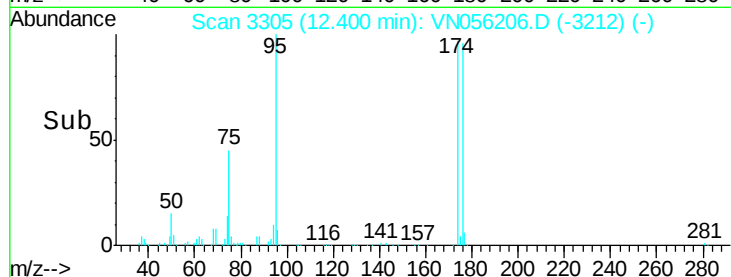
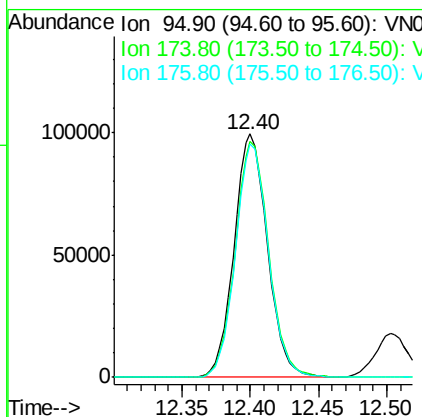
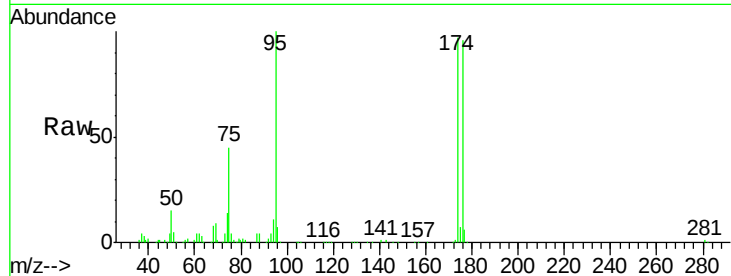
#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	168939		
174	97.5	0.0	191.0	
176	94.9	0.0	185.2	

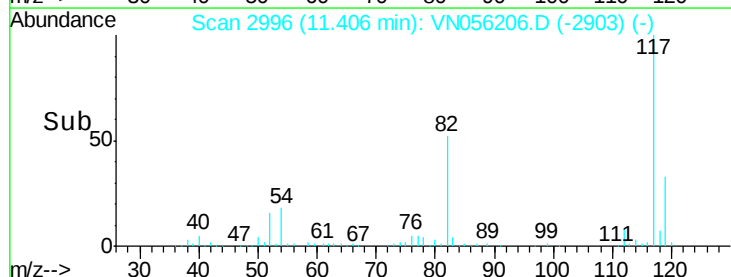
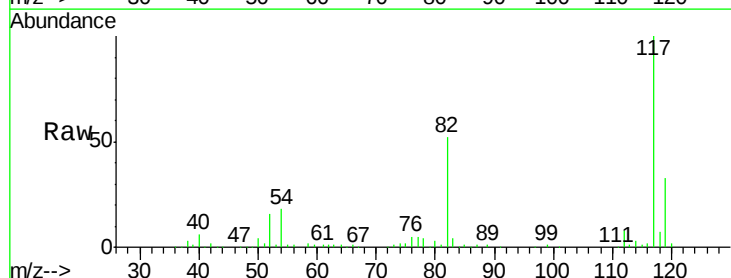
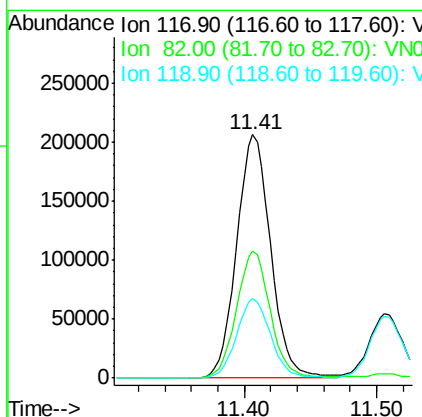
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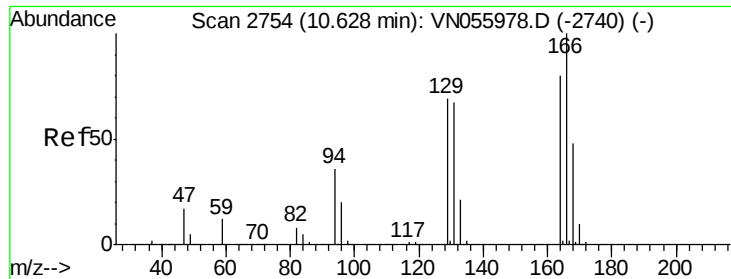
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368207		
82	52.2	41.8	62.8	
119	32.6	25.4	38.0	





#64

Tetrachloroethene

Concen: 46.435 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion:164 Resp: 147999

Ion Ratio Lower Upper

164 100

166 129.8 103.0 154.6

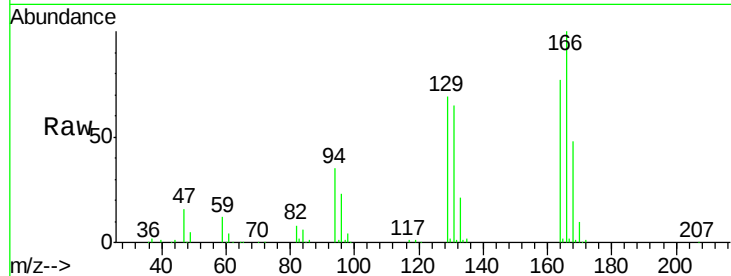
129 89.1 70.6 105.8

131 84.5 68.6 102.8

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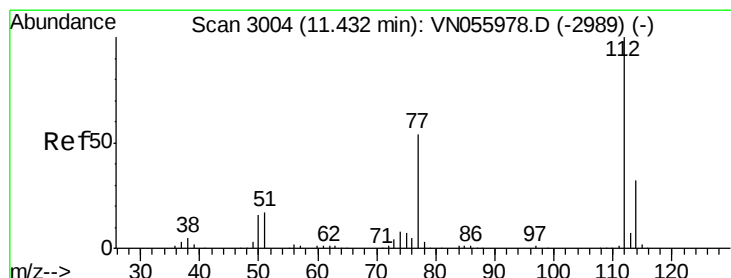
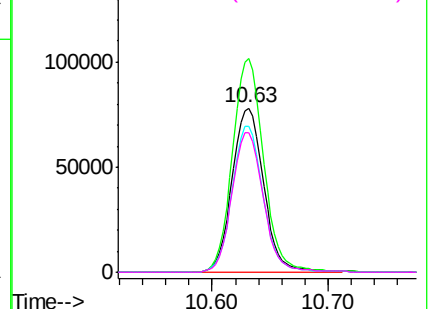
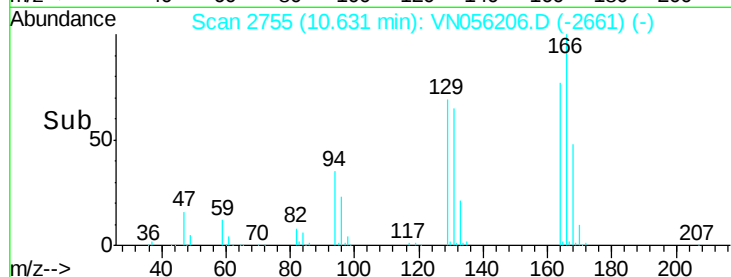
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.479 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056206.D

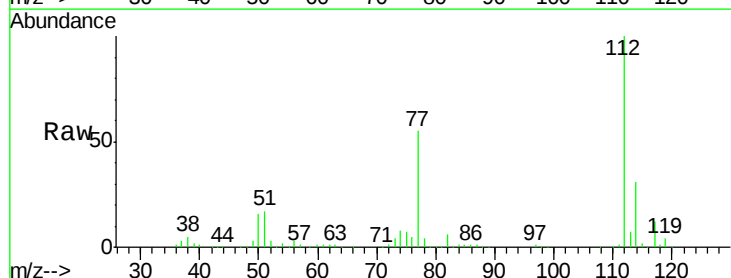
Acq: 11 Jun 2019 7:41

Tgt Ion:112 Resp: 369911

Ion Ratio Lower Upper

112 100

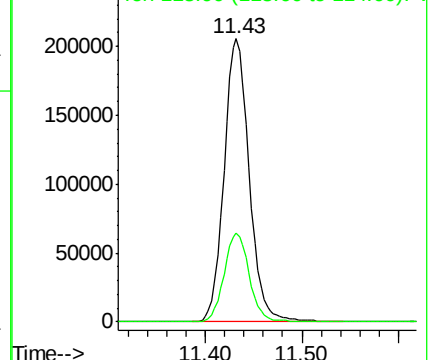
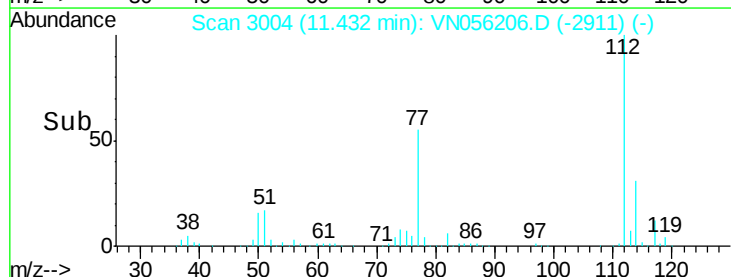
114 31.2 26.2 39.4

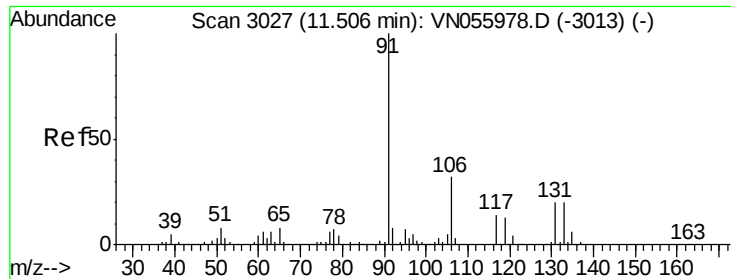


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 55.219 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

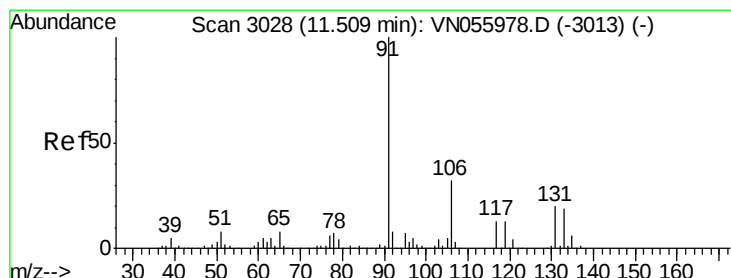
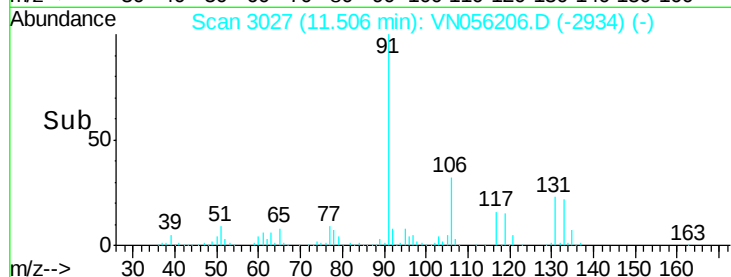
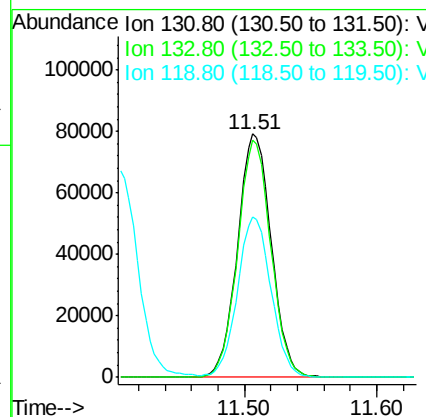
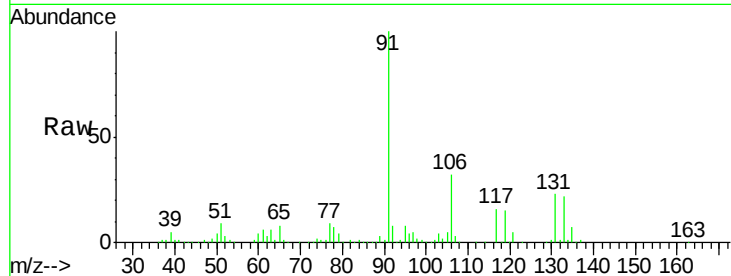
ClientSampleId :

RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	139720		
133	95.5	48.0	144.0	
119	65.8	33.1	99.5	

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#67

Ethyl Benzene

Concen: 49.099 ug/l

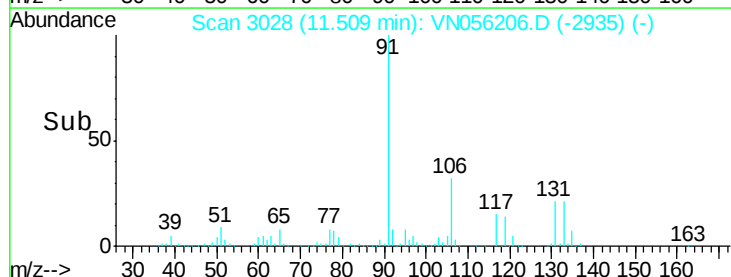
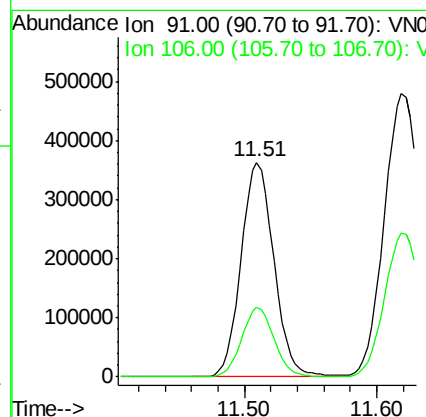
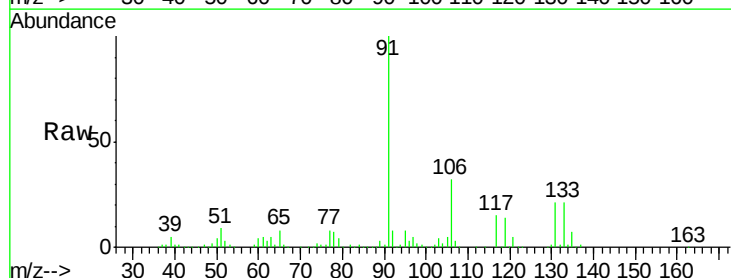
RT: 11.51 min Scan# 3028

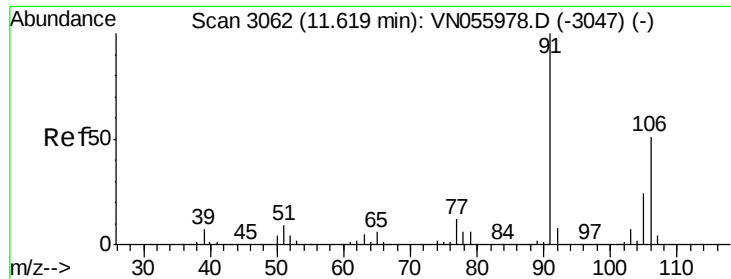
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	625640		
106	32.2	25.1	37.7	





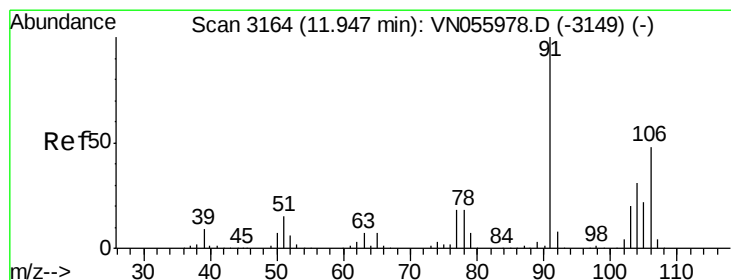
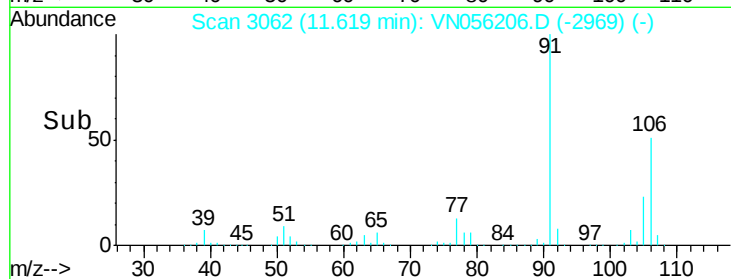
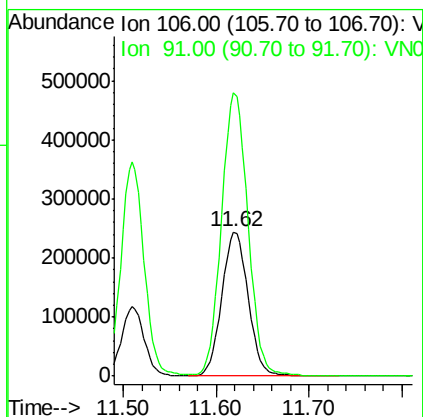
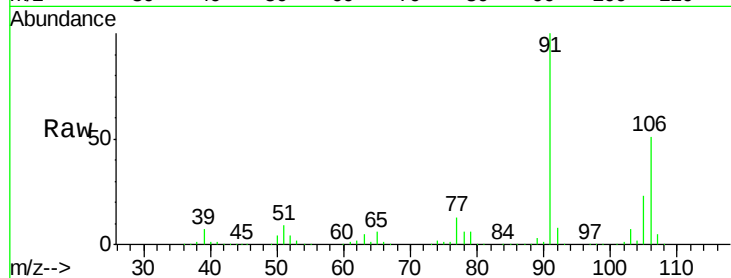
#68
m/p-Xvlenes
Concen: 99.270 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion:106 Resp: 483219
Ion Ratio Lower Upper
106 100
91 196.6 159.3 238.9

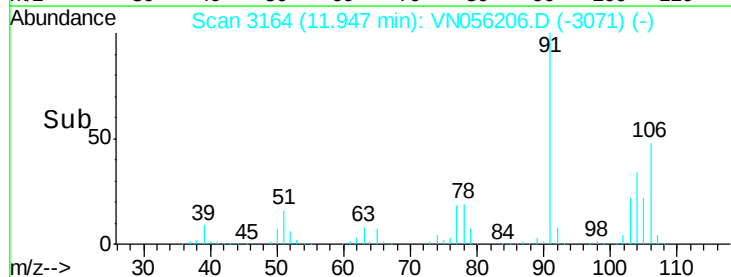
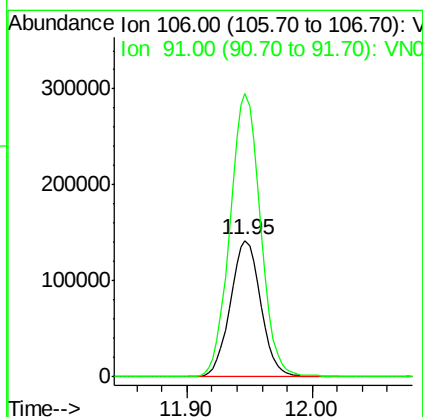
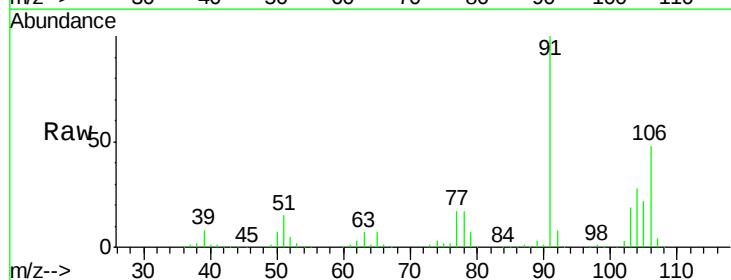
Manual Integrations
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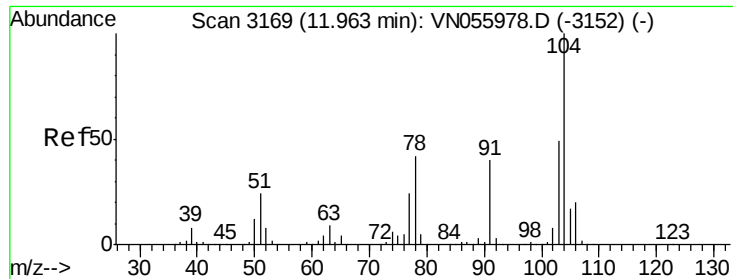
MMDadoda
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#69
o-Xylene
Concen: 50.044 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:106 Resp: 239620
Ion Ratio Lower Upper
106 100
91 207.7 104.7 314.1





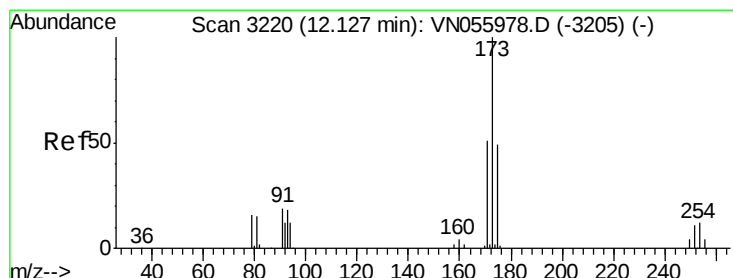
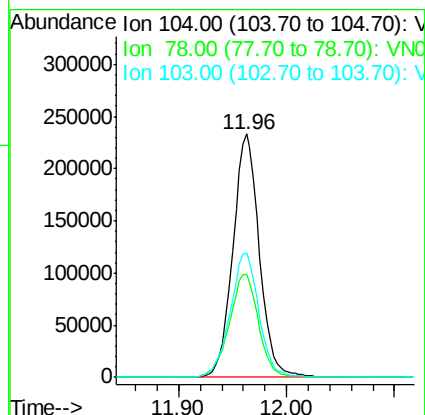
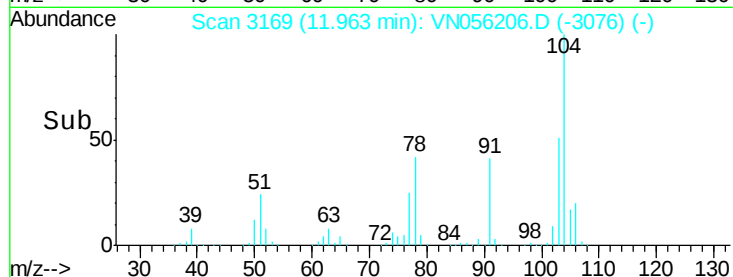
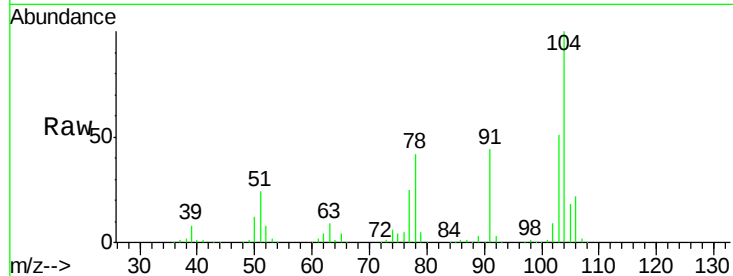
#70
Stvrene
Concen: 52.378 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		398478		
78	46.9	37.8	56.6		
103	55.7	44.2	66.2		

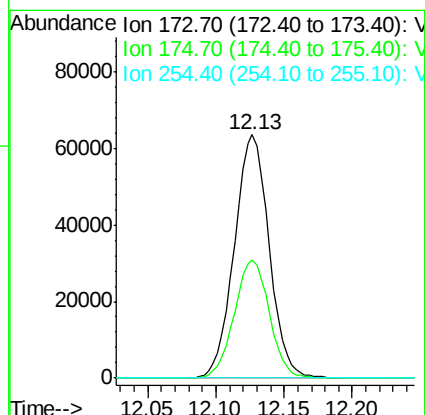
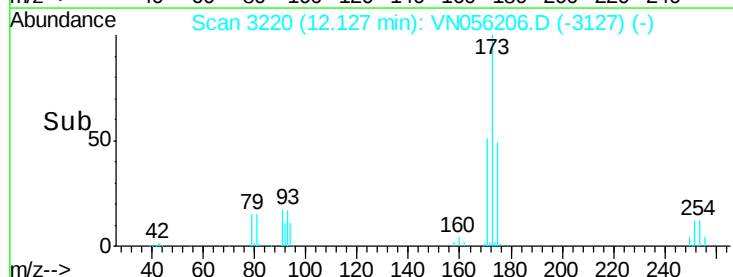
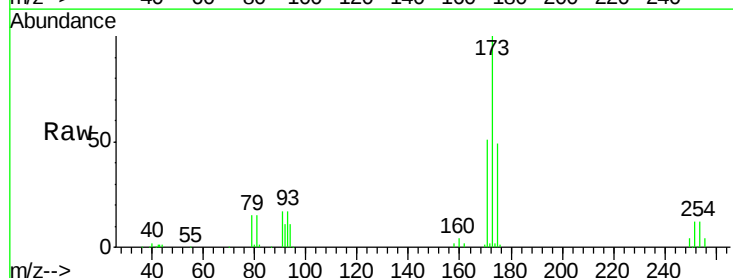
Manual Integrations
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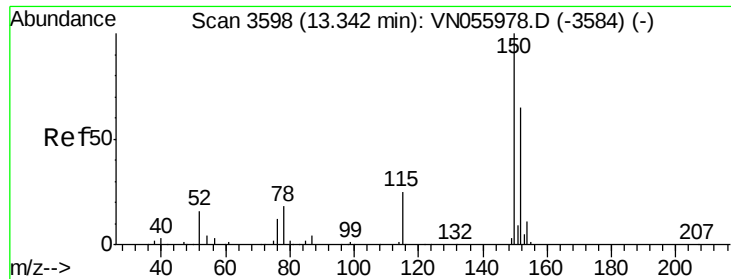
MMDadoda
6/11/2019 11:58:40 AM



#71
Bromoform
Concen: 52.793 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		112493		
175	48.9	24.3	72.8		
254	0.0	0.0	0.0		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

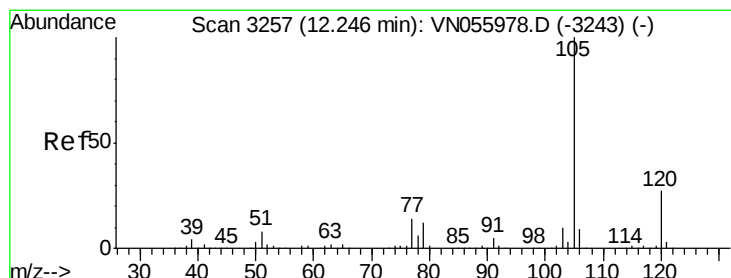
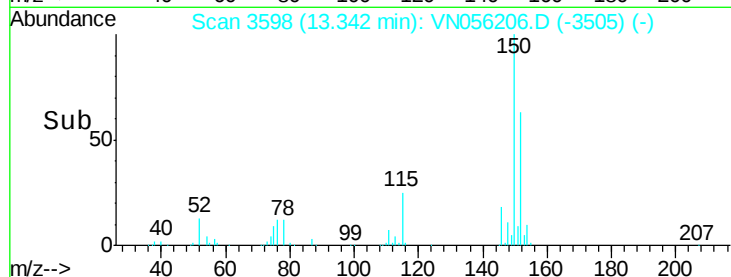
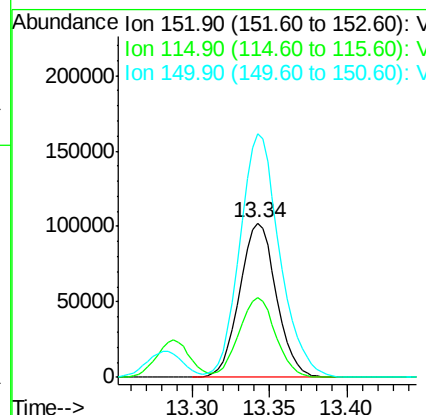
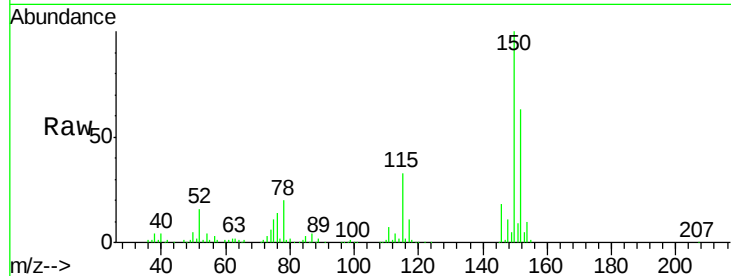
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	152	Resp:	167933
Ion Ratio	Lower	Upper	
152	100		
115	51.9	27.0	81.0
150	171.9	0.0	343.2

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#73

Isopropylbenzene

Concen: 51.830 ug/l

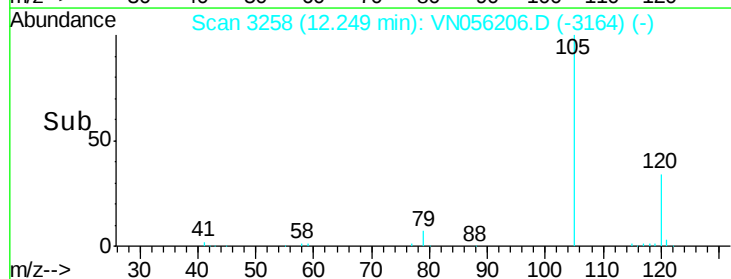
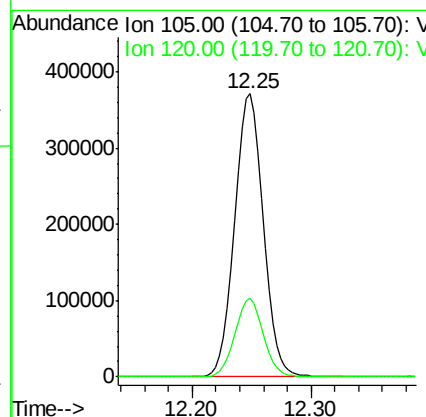
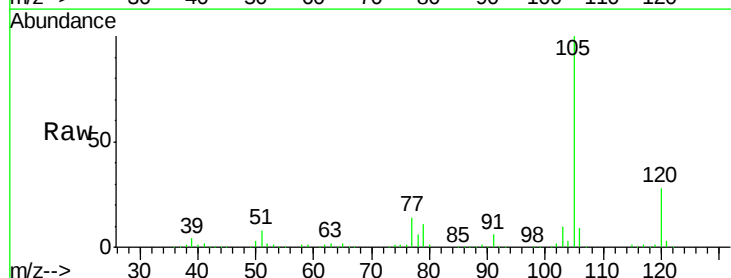
RT: 12.25 min Scan# 3258

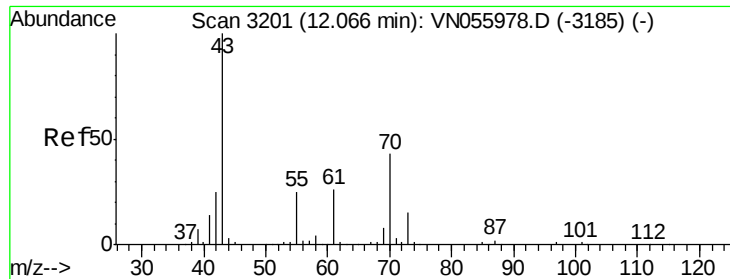
Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	105	Resp:	619361
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.6	40.7





#74

N-amvl acetate

Concen: 40.091 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

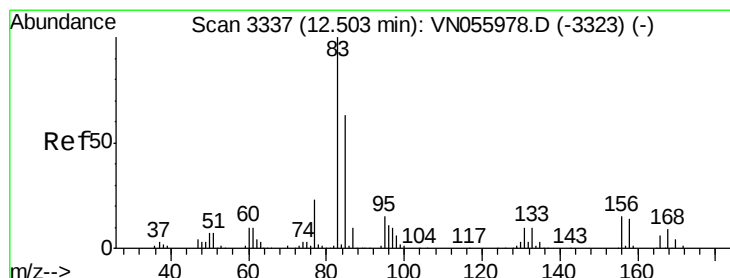
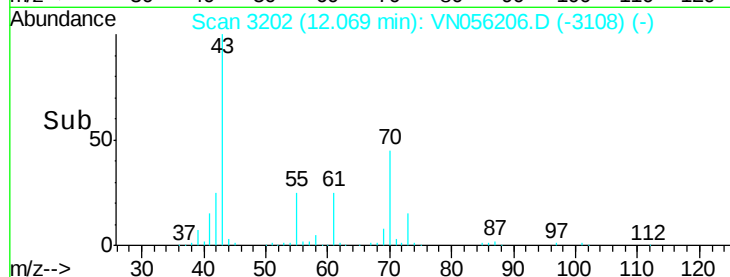
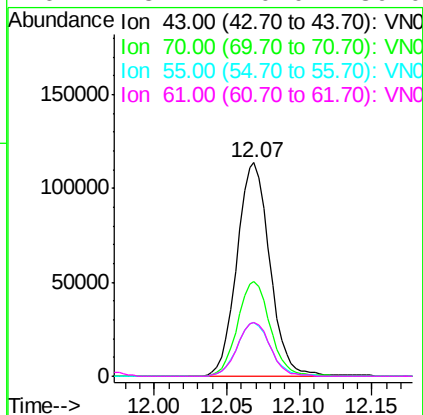
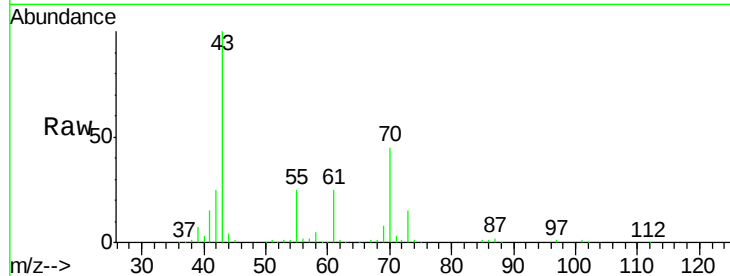
ClientSampleId :

RE123D1-20190605MSD

Tot Ion:	43	Resp:	179468
Ion Ratio	Lower	Upper	
43	100		
70	44.3	34.0	51.0
55	25.7	18.6	28.0
61	25.4	20.0	30.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.236 ug/l

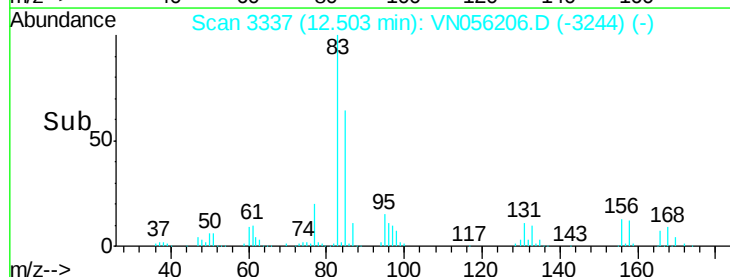
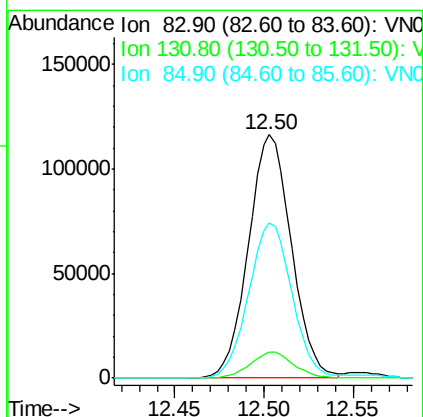
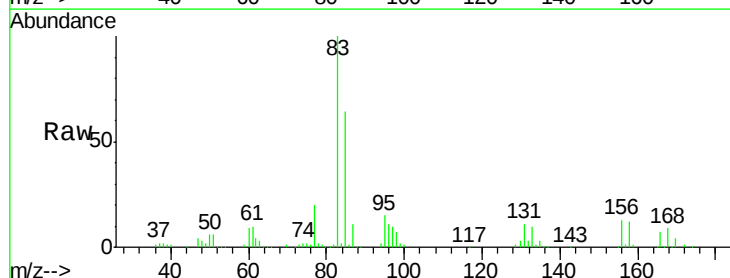
RT: 12.50 min Scan# 3337

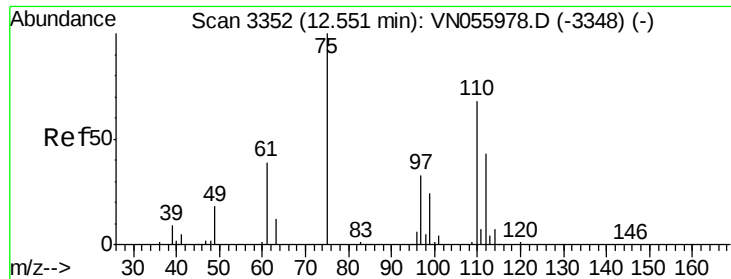
Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion:	83	Resp:	195844
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.3	32.4	97.0





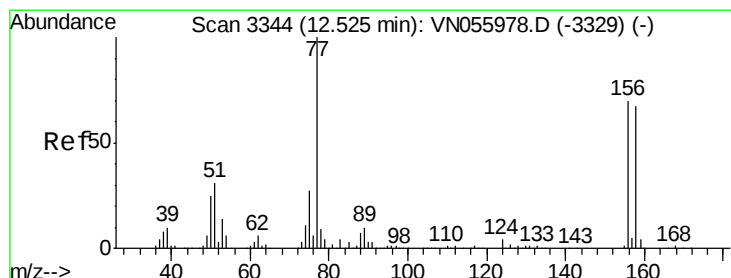
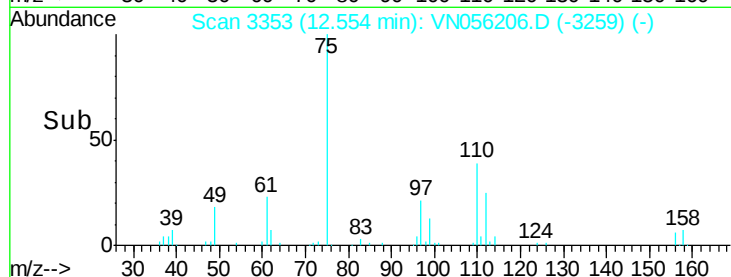
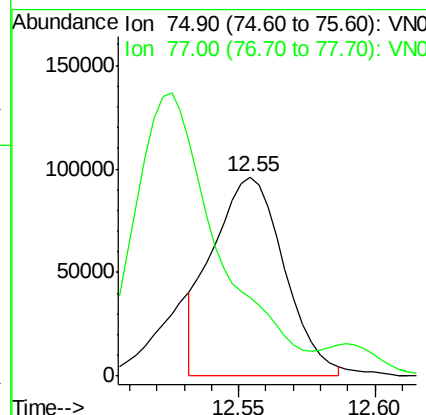
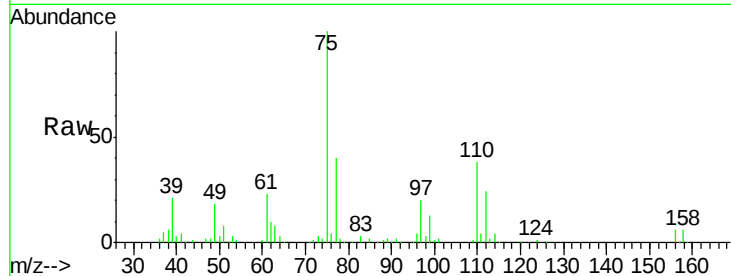
#76
1,2,3-Trichloropropane
Concen: 56.624 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion: 75 Resp: 174971
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

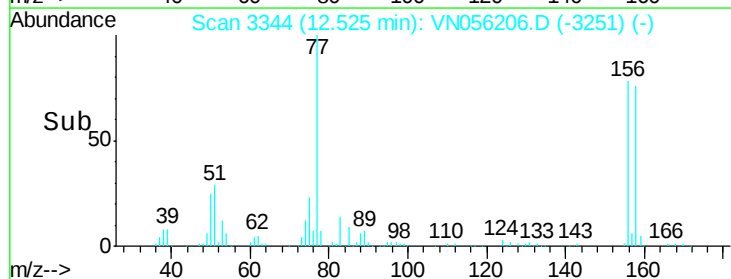
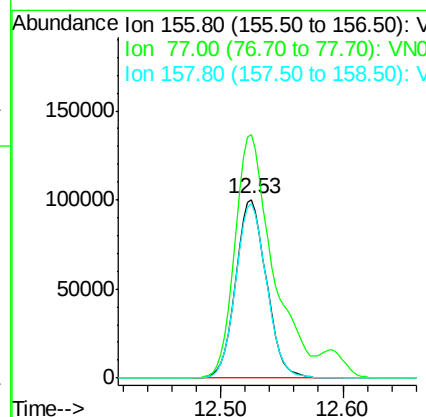
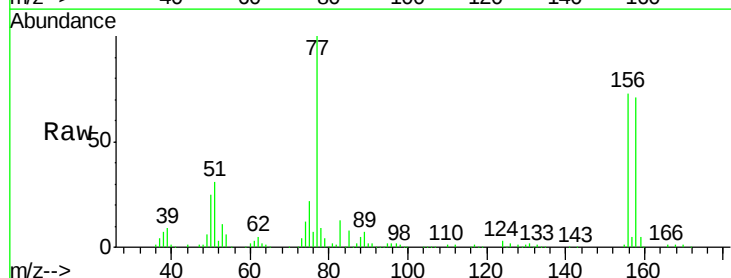
Manual Integrations
APPROVED

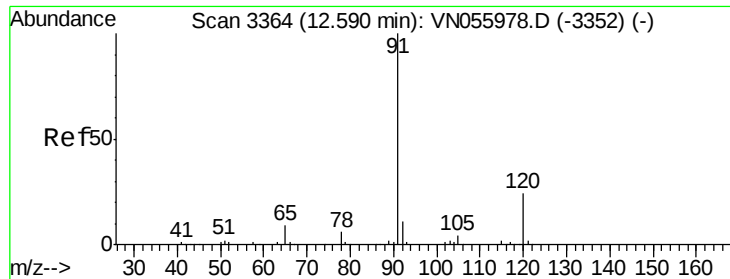
MMDadoda
6/11/2019 11:58:40 AM



#77
Bromobenzene
Concen: 48.772 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 156 Resp: 175354
Ion Ratio Lower Upper
156 100
77 168.5 90.8 272.5
158 98.1 49.3 147.8





#78

n-propylbenzene

Concen: 45.965 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 91 Resp: 653030

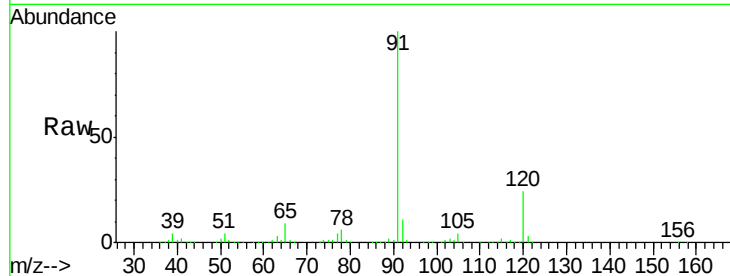
Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.0

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Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3352) (-)

12.59

400000

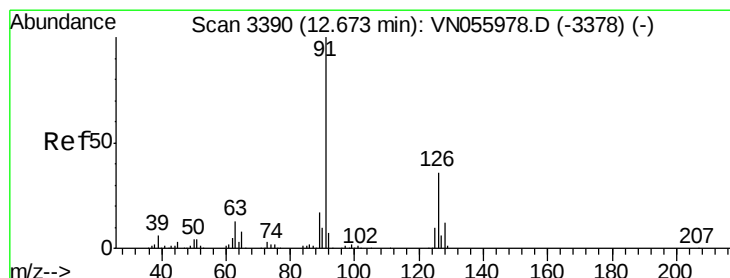
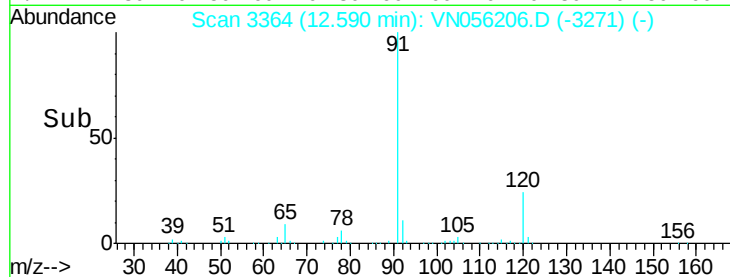
300000

200000

100000

0

Time-->



#79

2-Chlorotoluene

Concen: 51.751 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056206.D

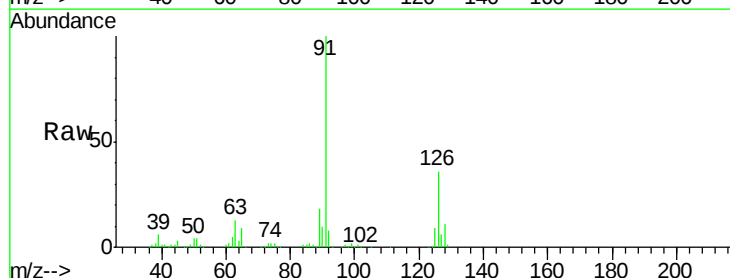
Acq: 11 Jun 2019 7:41

Tgt Ion: 91 Resp: 407164

Ion Ratio Lower Upper

91 100

126 36.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)

12.67

400000

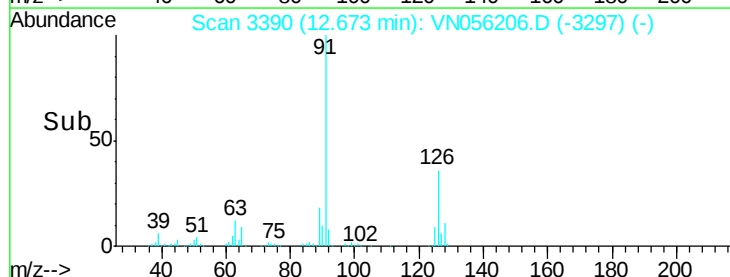
300000

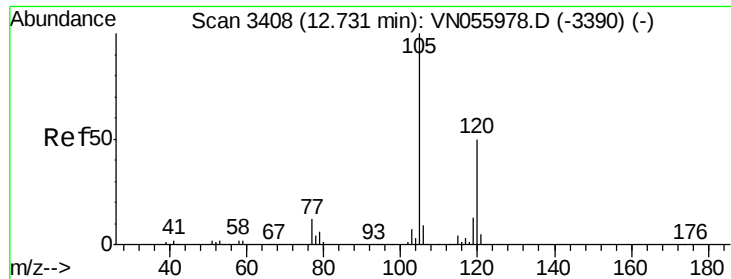
200000

100000

0

Time-->





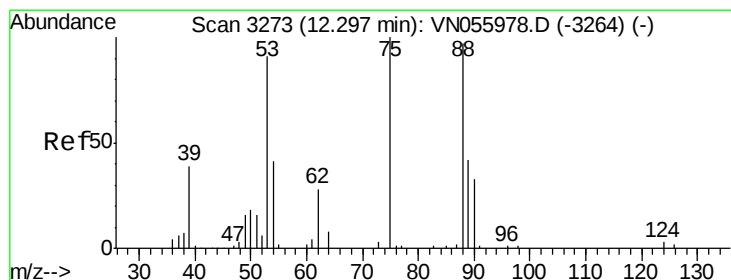
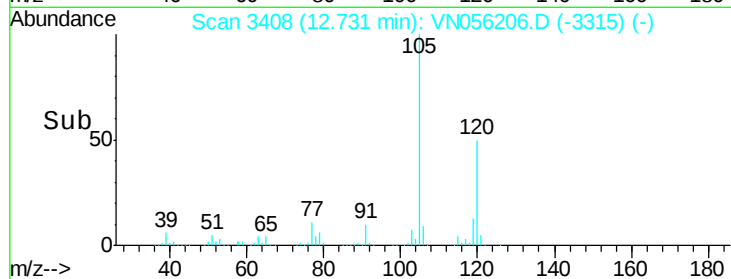
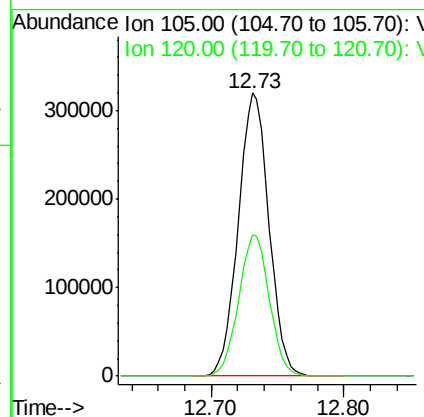
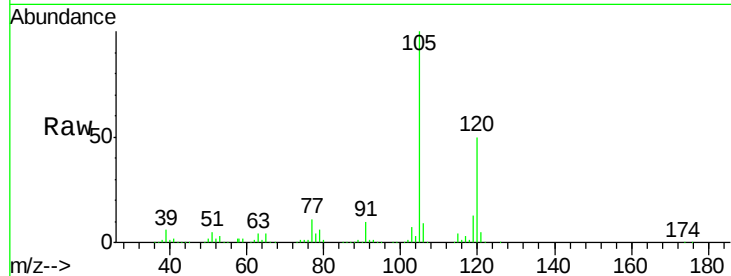
#80
 1,3,5-Trimethylbenzene
 Concen: 45.345 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion:105 Resp: 511995
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.7 74.1

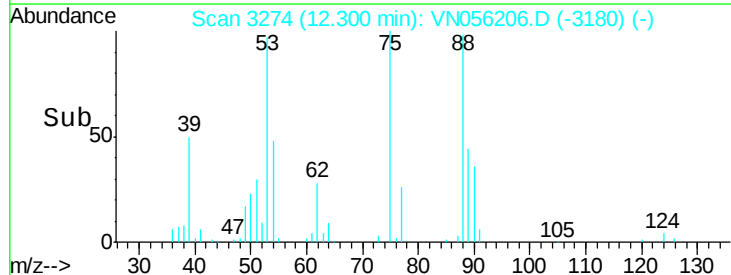
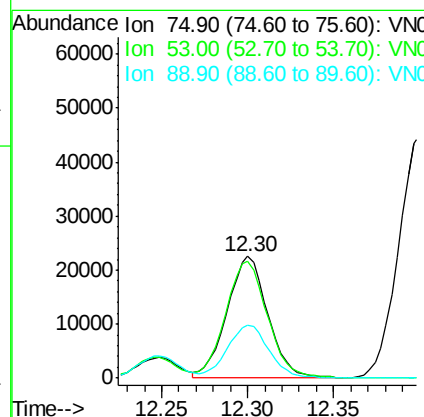
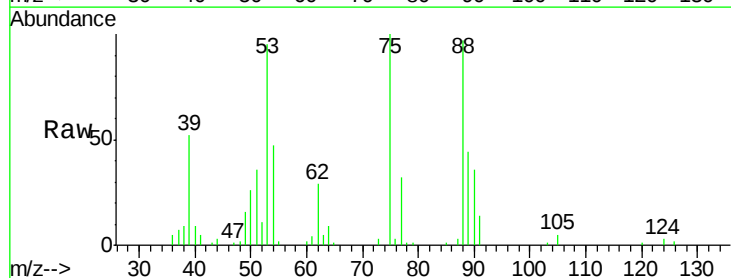
Manual Integrations
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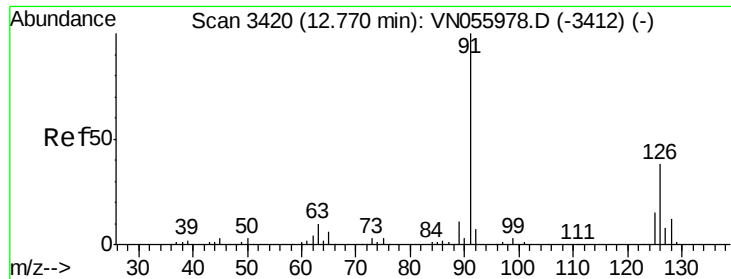
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 6/11/2019 11:58:40 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.195 ug/l
 RT: 12.30 min Scan# 3274
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 37296
 Ion Ratio Lower Upper
 75 100
 53 98.5 68.1 102.1
 89 44.4 36.9 55.3





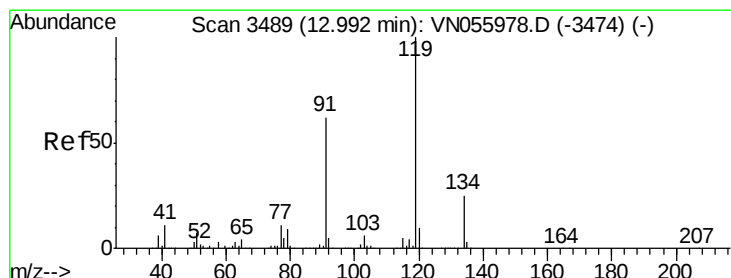
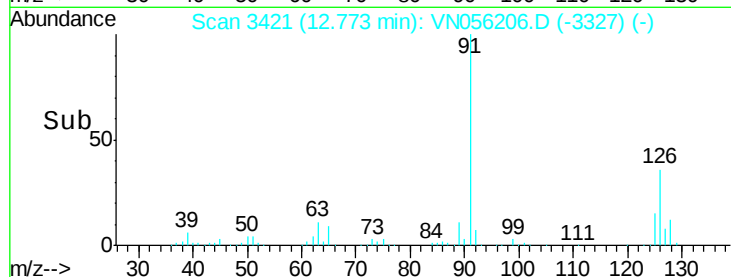
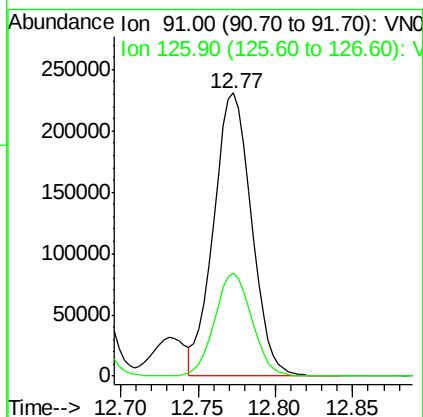
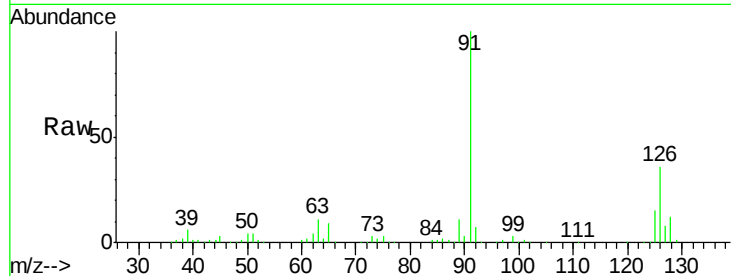
#82
4-Chlorotoluene
Concen: 47.146 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion: 91 Resp: 391866
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.3

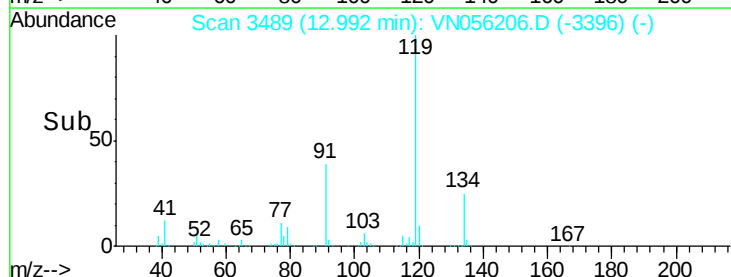
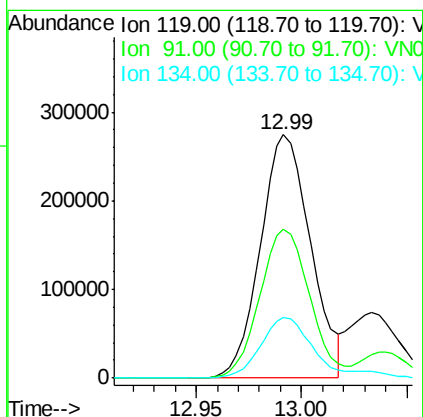
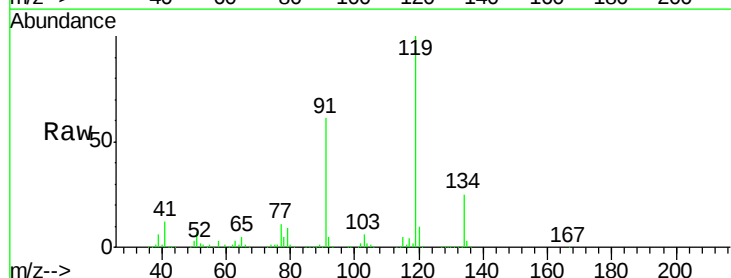
Manual Integrations
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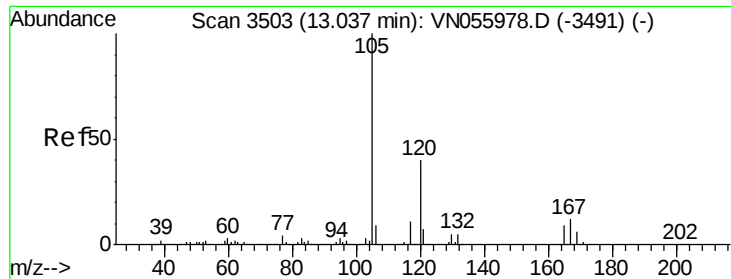
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#83
tert-Butylbenzene
Concen: 52.122 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 119 Resp: 455613
Ion Ratio Lower Upper
119 100
91 60.7 30.9 92.8
134 27.1 13.3 39.8





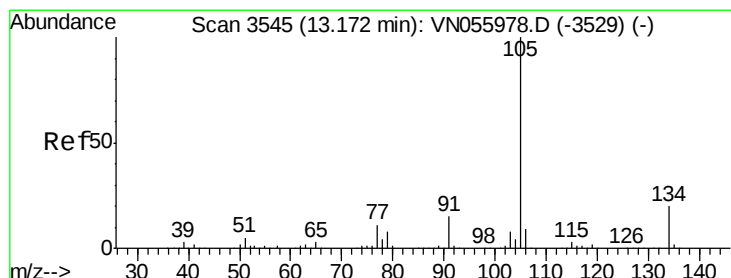
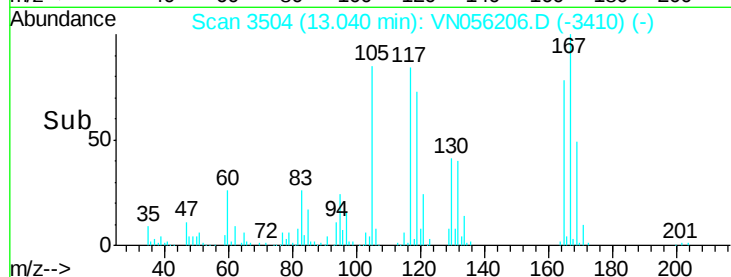
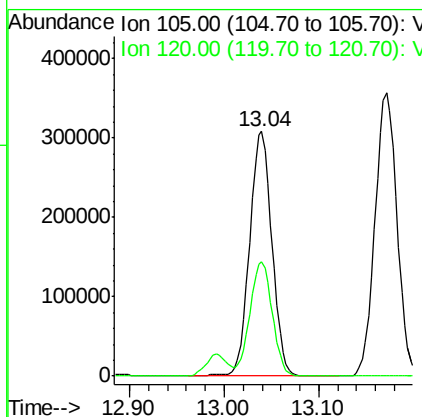
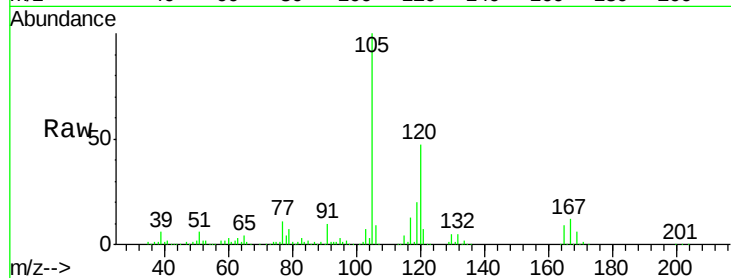
#84
1,2,4-Trimethylbenzene
Concen: 47.114 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.0	69.0

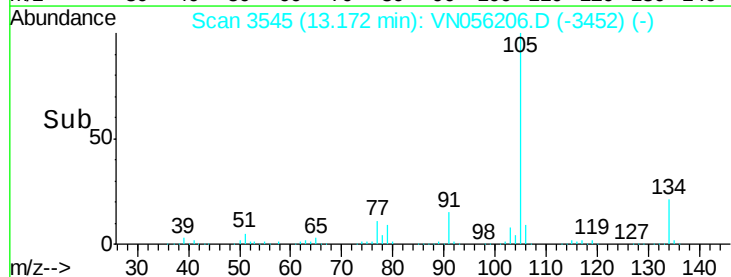
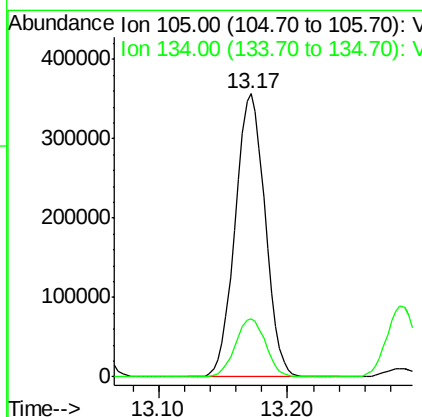
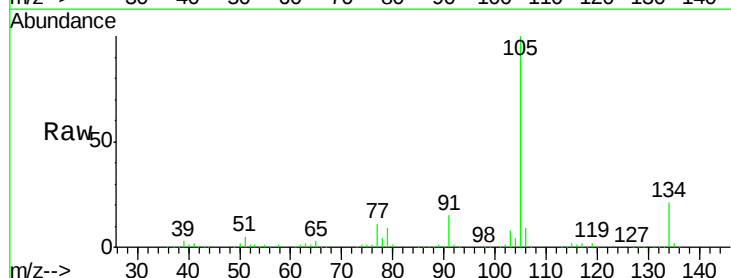
Manual Integrations
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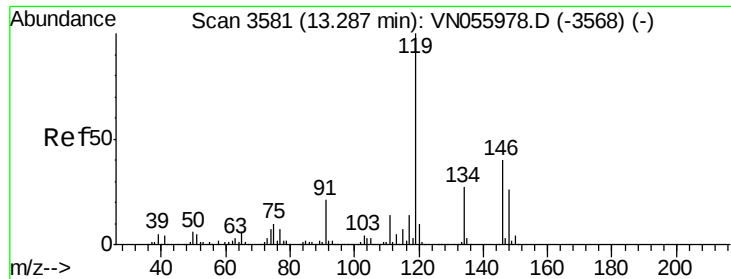
MMDadoda
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#85
sec-Butylbenzene
Concen: 45.649 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2





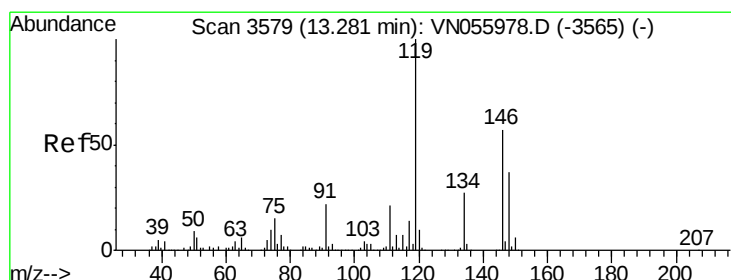
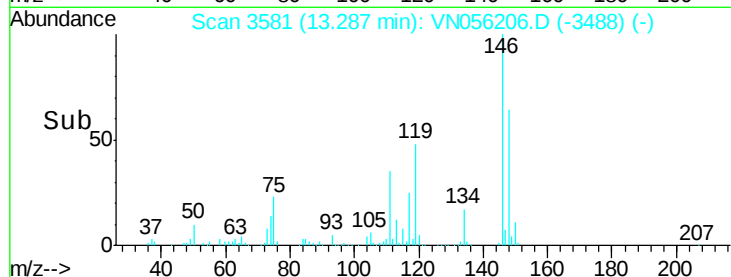
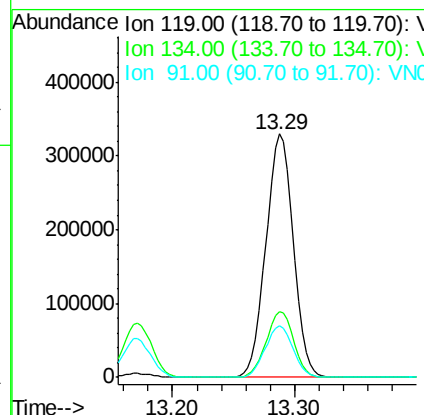
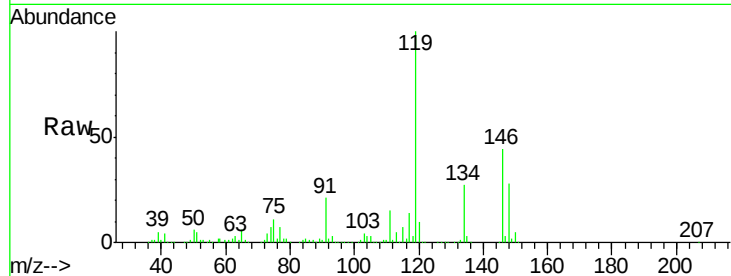
#86
p-Isopropyltoluene
Concen: 45.702 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	514613		
134	27.0		13.4	40.1
91	21.6		10.9	32.9

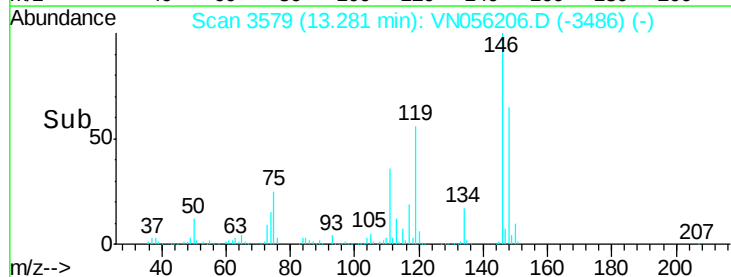
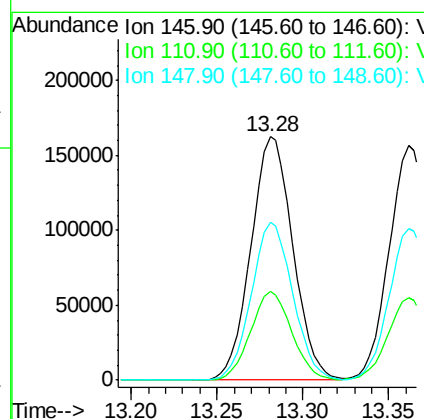
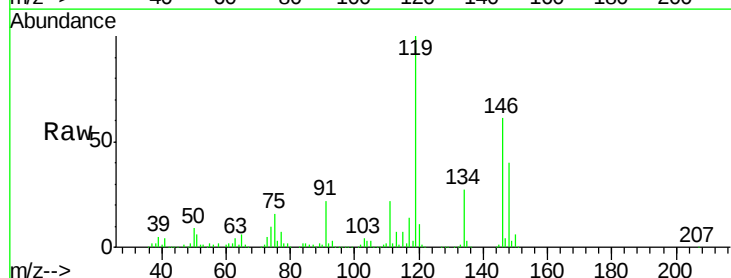
Manual Integrations
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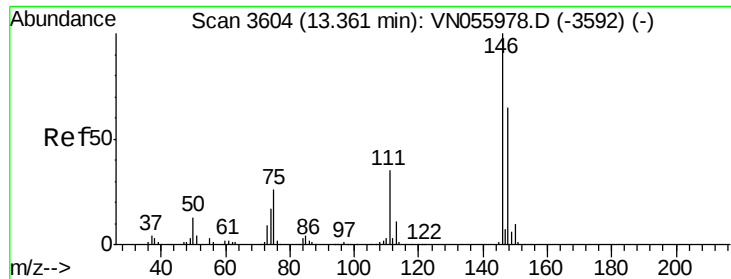
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#87
1,3-Dichlorobenzene
Concen: 49.329 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274500		
111	35.6		18.5	55.5
148	63.8		32.0	96.2





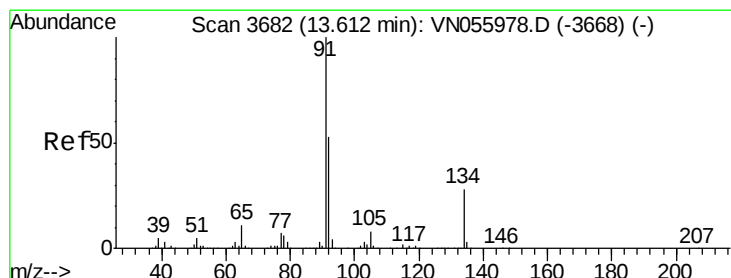
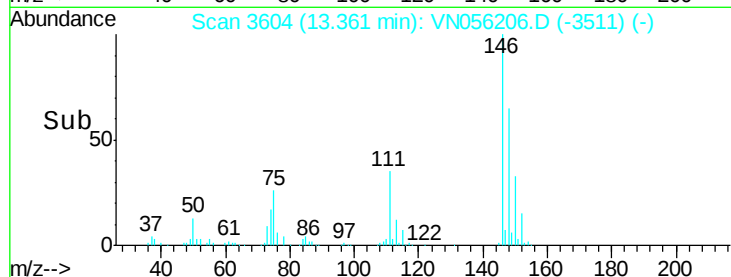
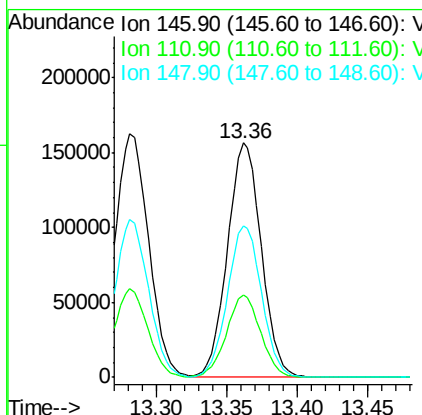
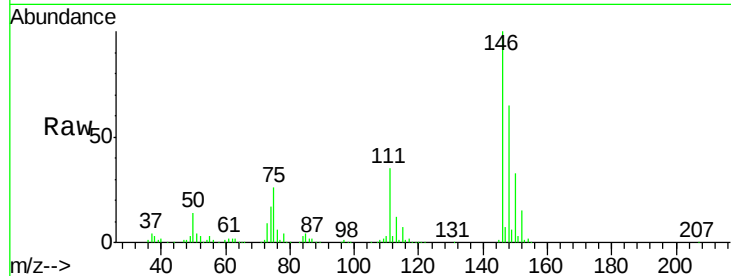
#88
 1,4-Dichlorobenzene
 Concen: 49.216 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.1	54.4
148	65.1	32.1	96.5

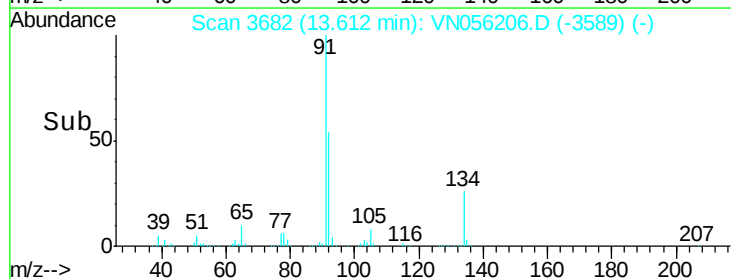
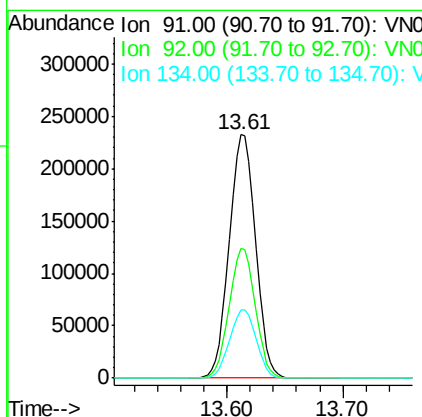
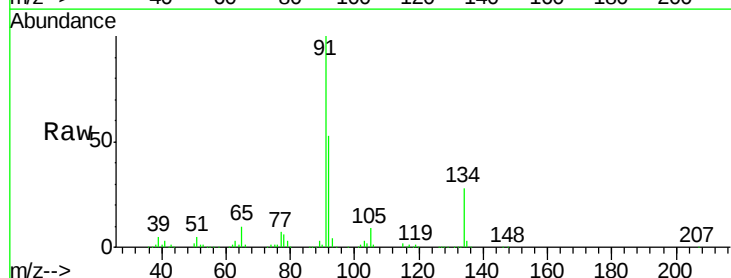
Manual Integrations
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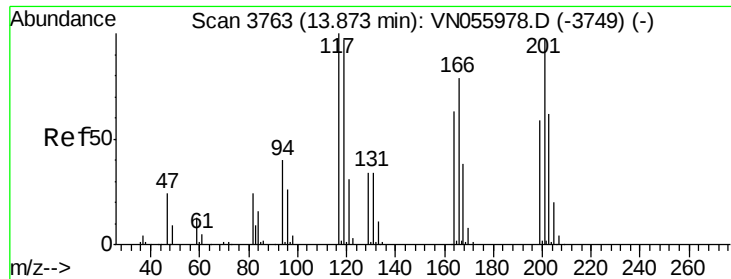
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#89
 n-Butylbenzene
 Concen: 43.516 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.0
134	28.4	13.9	41.7





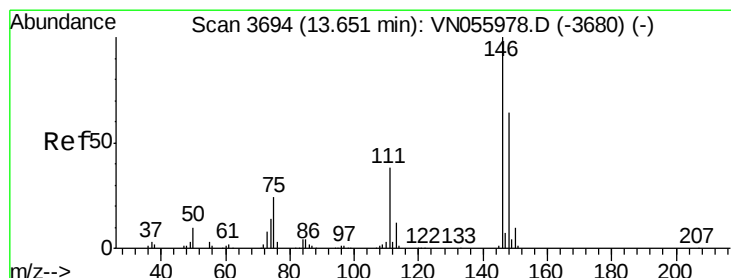
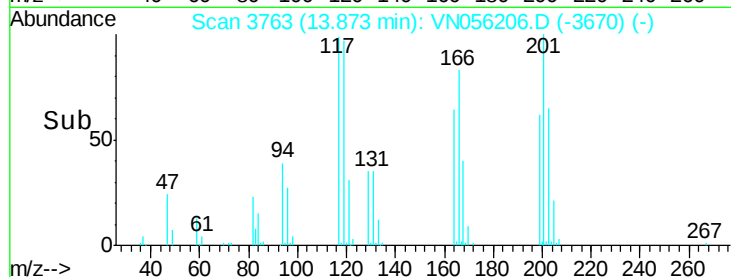
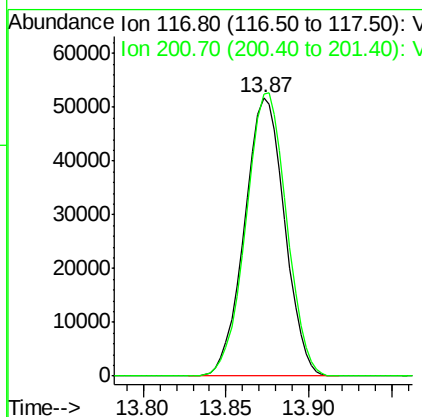
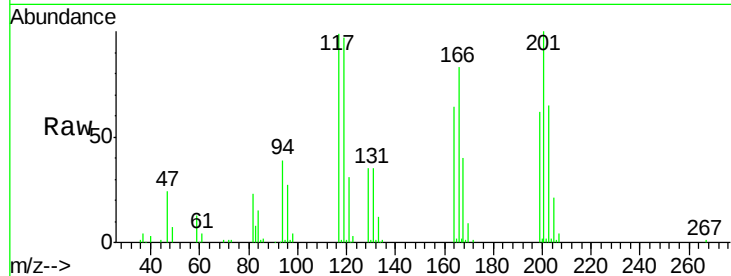
#90
Hexachloroethane
Concen: 51.312 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion:117 Resp: 87134
Ion Ratio Lower Upper
117 100
201 102.9 50.0 150.0

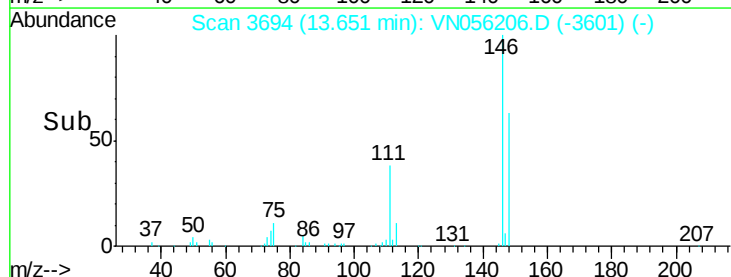
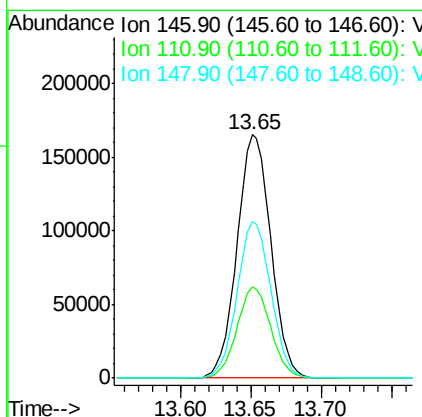
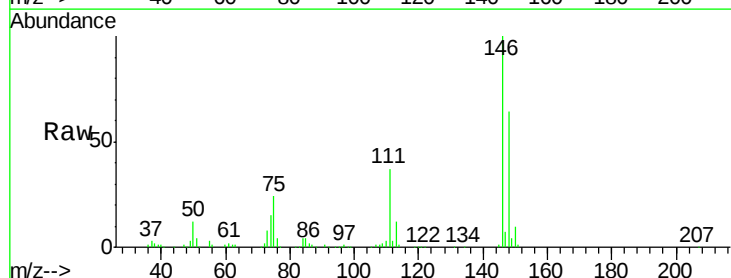
Manual Integrations
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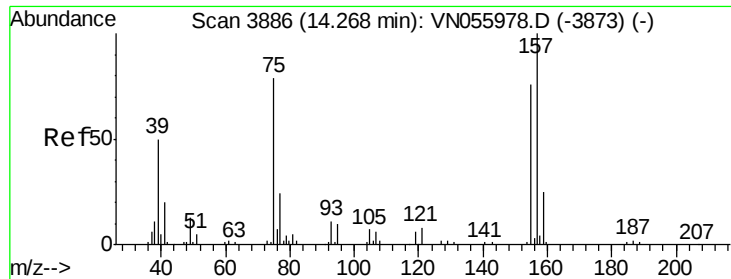
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#91
1,2-Dichlorobenzene
Concen: 49.639 ug/l
RT: 13.65 min Scan# 3694
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:146 Resp: 278881
Ion Ratio Lower Upper
146 100
111 37.2 19.1 57.5
148 64.3 31.9 95.9





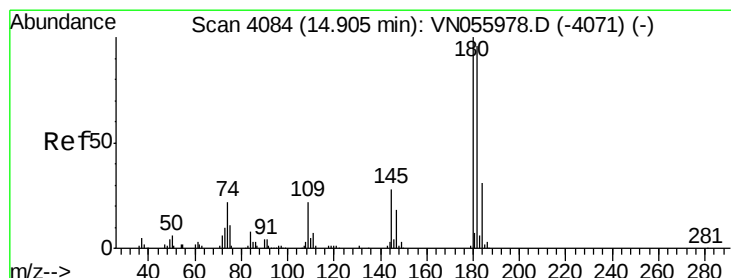
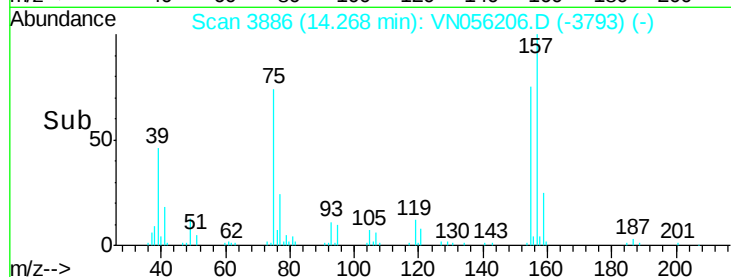
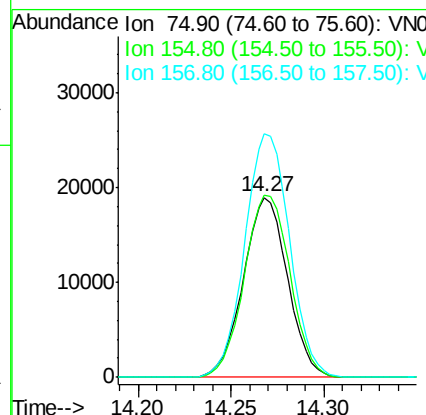
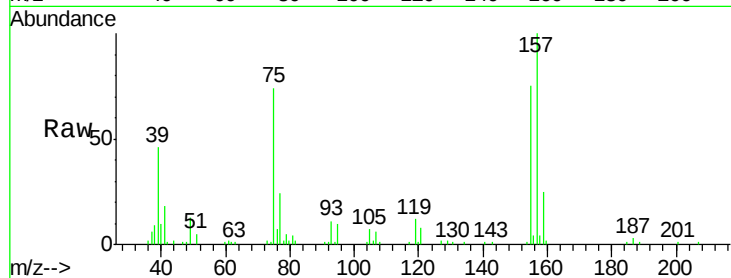
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.605 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion: 75 Resp: 31563
 Ion Ratio Lower Upper
 75 100
 155 104.8 50.0 150.1
 157 137.4 64.8 194.3

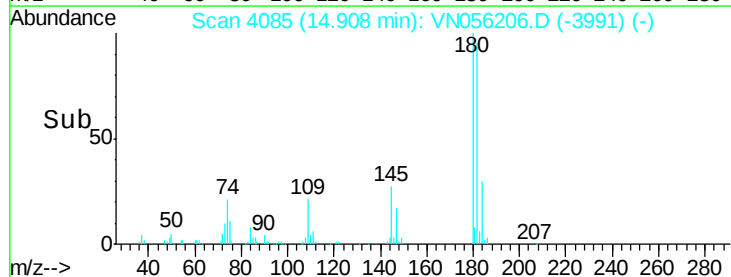
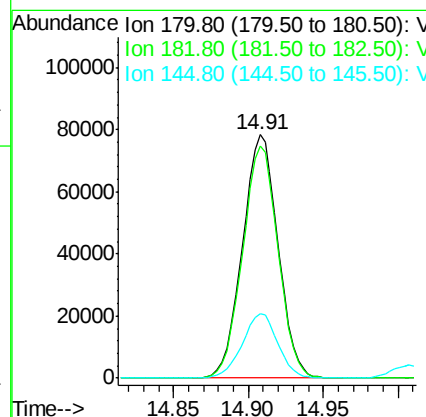
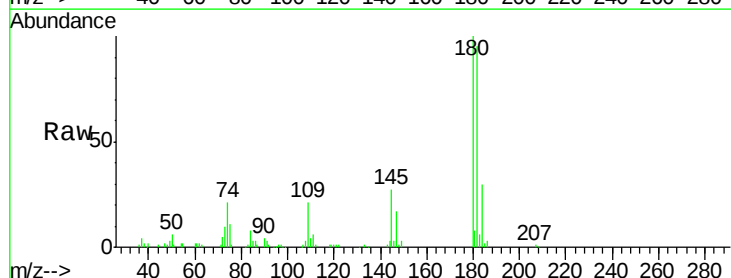
Manual Integrations
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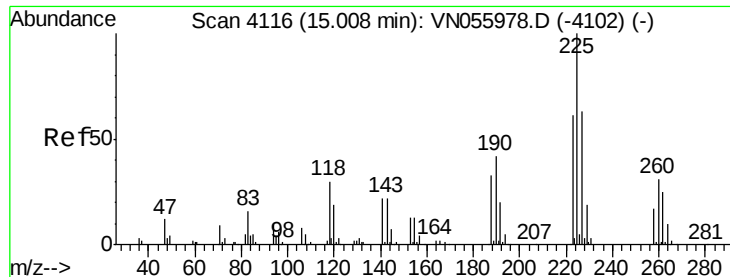
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#93
 1,2,4-Trichlorobenzene
 Concen: 42.424 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:180 Resp: 129153
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 26.3 14.0 41.9





#94

Hexachlorobutadiene

Concen: 50.044 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

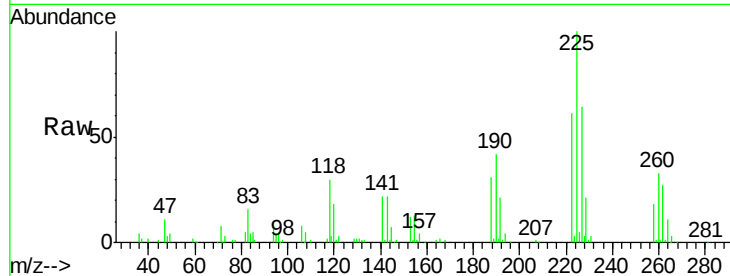
ClientSampleId :

RE123D1-20190605MSD

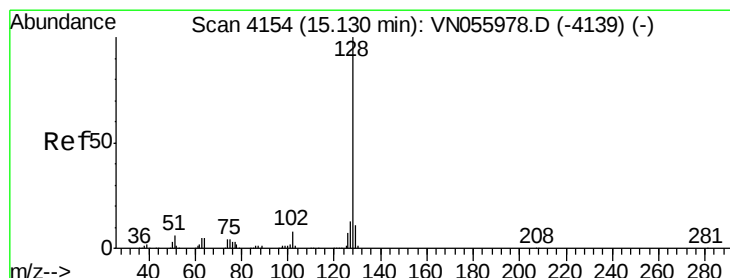
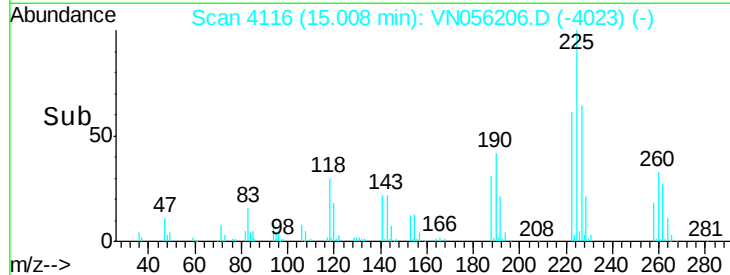
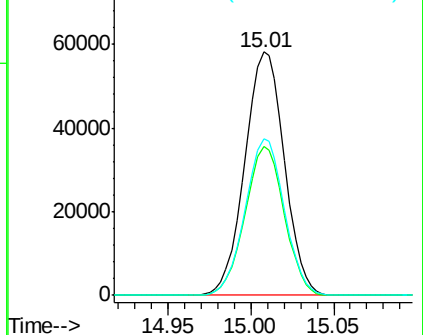
Tot Ion:	225	Resp:	96426
Ion Ratio	Lower	Upper	
225	100		
223	60.7	30.9	92.7
227	63.7	31.6	94.7

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 44.254 ug/l

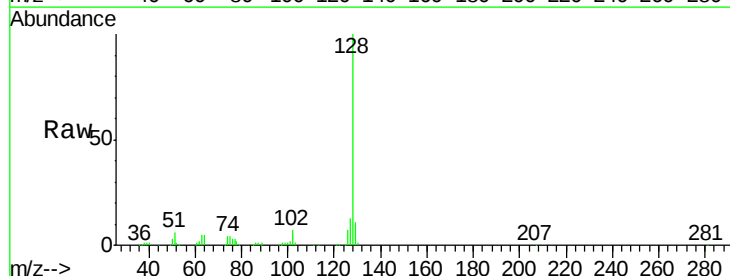
RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

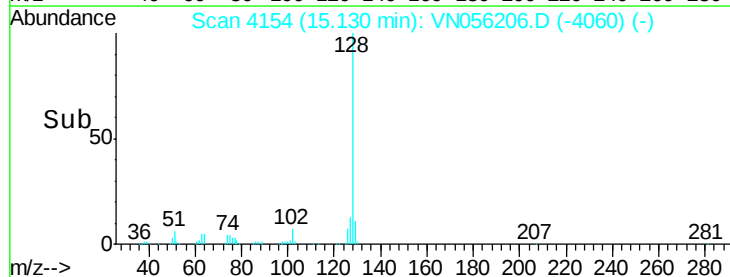
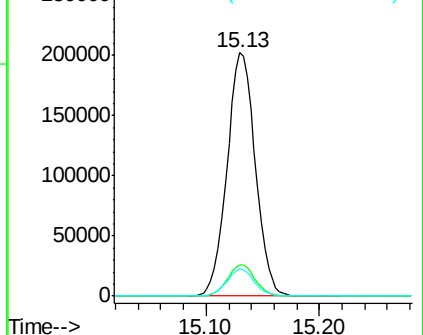
Lab File: VN056206.D

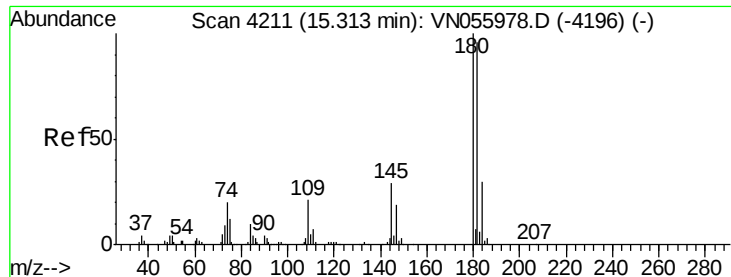
Acq: 11 Jun 2019 7:41

Tgt Ion:	128	Resp:	351610
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.3	15.5
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





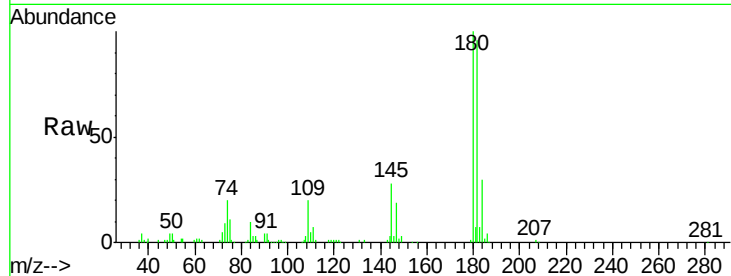
#96
 1,2,3-Trichlorobenzene
 Concen: 46.499 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	145999		
182	95.5		47.9	143.7
145	28.6		14.9	44.7

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

