

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
 Data File : VN054979.D
 Acq On : 11 Apr 2019 15:47
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 1:41:17 PM

Quant Time: Apr 12 07:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:37:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	76832	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	421317	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	371435	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	170863	31.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.43%
60) 4-Bromofluorobenzene	12.40	95	184196	32.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	108.67%
63) Toluene-d8	10.09	98	525266	29.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	421457	109.275	ug/l 100
3) Chloromethane	2.06	50	576539	112.930	ug/l 97
4) Vinyl Chloride	2.19	62	498126	98.370	ug/l 99
5) Bromomethane	2.55	94	288367	93.106	ug/l 96
6) Chloroethane	2.70	64	273597	92.289	ug/l 98
7) Trichlorofluoromethane	3.02	101	643114	104.140	ug/l 98
8) Diethyl Ether	3.41	74	207960	91.375	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	342377	87.002	ug/l 98
10) 1,1-Dichloroethene	3.73	96	318456	86.819	ug/l 99
11) Methyl Iodide	3.94	142	513873	95.299	ug/l 98
12) Methyl Acetate	4.33	43	426648	135.322	ug/l 99
13) Acrolein	3.61	56	178600	590.728	ug/l 97
14) Acrylonitrile	5.00	53	862114	581.213	ug/l 99
15) Acetone	3.82	58	193964	451.625	ug/l 98
16) Carbon Disulfide	4.04	76	1144115	96.632	ug/l 99
17) Allyl chloride	4.32	41	841374	127.998	ug/l 99
18) Methylene Chloride	4.54	84	469285	108.943	ug/l 97
19) trans-1,2-Dichloroethene	5.03	96	435755	108.579	ug/l 98
20) Diisopropyl ether	5.96	45	1682587	127.418	ug/l 97
21) 1,1-Dichloroethane	5.85	63	880887	113.101	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	501516	111.888	ug/l 100
23) tert-Butyl Alcohol	4.82	59	142359	543.908	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	1165149	117.255	ug/l # 67
25) Chloroform	7.37	83	845603	112.645	ug/l 99
26) Cyclohexane	7.65	56	829849	117.718	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	660384	114.197	ug/l 98
30) 2-Butanone	6.84	43	1106457	607.103	ug/l 100
31) 2,2-Dichloropropane	6.82	77	612988	107.947	ug/l # 100
32) 1,1,1-Trichloroethane	7.57	97	695870	111.900	ug/l 97
33) Carbon Tetrachloride	7.77	117	604802	110.090	ug/l 97
34) Benzene	8.04	78	1925978	112.089	ug/l # 90
35) Methacrylonitrile	7.18	41	276645	133.039	ug/l 94
36) 1,2-Dichloroethane	8.12	62	644563	115.515	ug/l 100
37) Trichloroethene	8.83	130	485133	107.806	ug/l 94
38) Methylcyclohexane	9.08	83	752788	110.432	ug/l 99
39) 1,2-Dichloropropane	9.12	63	537363	113.708	ug/l 98
40) Dibromomethane	9.21	93	298143	110.376	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	641233	112.444	ug/l	98
42) Vinyl Acetate	5.90	43	5809783	622.923	ug/l	99
43) Ethyl Acetate	6.94	43	451152	118.530	ug/l	97
44) Isopropyl Acetate	8.17	43	793321	119.588	ug/l	98
45) 1,4-Dioxane	9.20	88	86450	2451.472	ug/l	97
46) Methyl methacrylate	9.20	41	414031	129.690	ug/l	97
47) n-amyl Acetate	12.07	43	630889	131.683	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	633032	112.665	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	756611	113.785	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	407415	107.944	ug/l	99
51) Ethyl methacrylate	10.43	69	523900	117.940	ug/l	100
52) 1,3-Dichloropropane	10.71	76	733652	113.554	ug/l	99
53) Dibromochloromethane	10.90	129	449725	109.788	ug/l	97
54) 1,2-Dibromoethane	11.00	107	400989	112.775	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	1127307	551.876	ug/l	100
56) Bromoform	12.13	173	292609	108.689	ug/l #	99
58) 4-Methyl-2-Pentanone	9.99	43	2276219	628.496	ug/l	99
59) 2-Hexanone	10.75	43	1449836	612.509	ug/l	98
61) Tetrachloroethene	10.63	164	465114	101.957	ug/l	97
62) Toluene	10.15	91	2029991	111.415	ug/l	99
64) Chlorobenzene	11.43	112	1240774	111.619	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	453293	111.715	ug/l	99
66) Ethyl Benzene	11.51	91	2215735	116.360	ug/l	100
67) m/p-Xylenes	11.62	106	1657368	232.246	ug/l	100
68) o-Xylene	11.95	106	821051	118.231	ug/l	98
69) Styrene	11.96	104	1301066	119.566	ug/l	99
70) Isopropylbenzene	12.25	105	2167628	118.860	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	503911	112.787	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	409002m	119.838	ug/l	
73) Bromobenzene	12.53	156	527581	115.459	ug/l	99
74) n-propylbenzene	12.59	91	2492034	115.379	ug/l	100
75) 2-Chlorotoluene	12.67	91	1481659	116.723	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1762997	114.688	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	119046	102.663	ug/l	85
78) 4-Chlorotoluene	12.77	91	1480150	117.515	ug/l	99
79) tert-butylbenzene	12.99	119	1525765	113.022	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	1790414	117.801	ug/l	98
81) sec-Butylbenzene	13.17	105	2062559	111.871	ug/l	99
82) p-Isopropyltoluene	13.29	119	1767282	112.655	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	922758	115.515	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	896027	117.759	ug/l	99
85) n-Butylbenzene	13.61	91	1511146	112.540	ug/l	99
86) Hexachloroethane	13.87	117	290533	99.525	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	892701	115.142	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	74080	117.409	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	465146	122.631	ug/l	97
90) Hexachlorobutadiene	15.01	225	274110	95.576	ug/l	98
91) Naphthalene	15.13	128	999975	132.834	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	446612	118.080	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

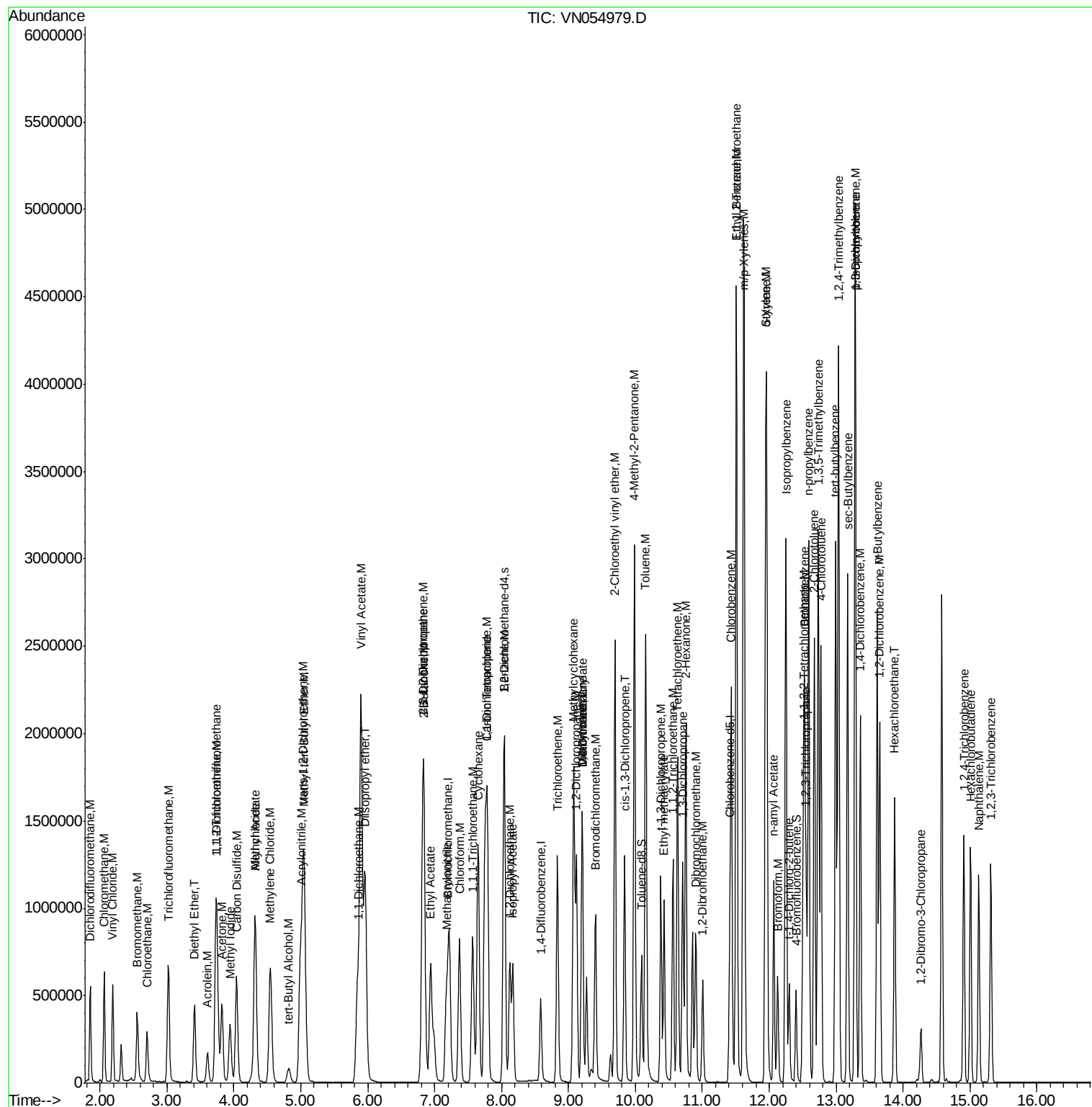
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
Data File : VN054979.D
Acq On : 11 Apr 2019 15:47
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

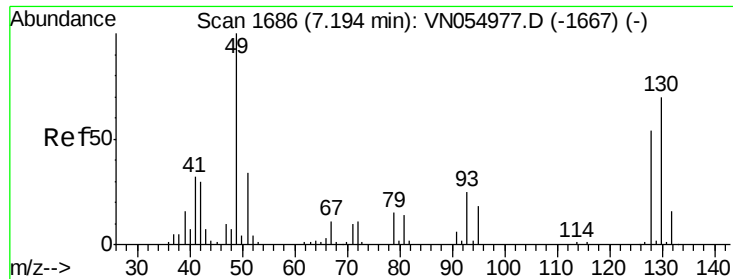
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
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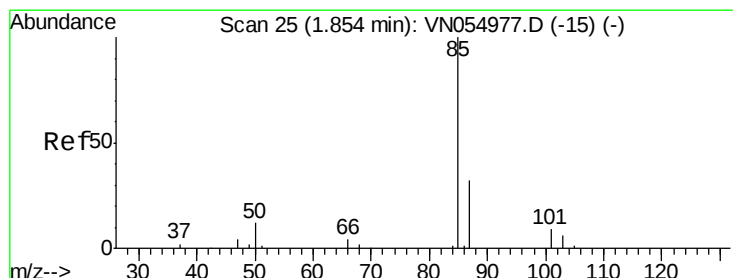
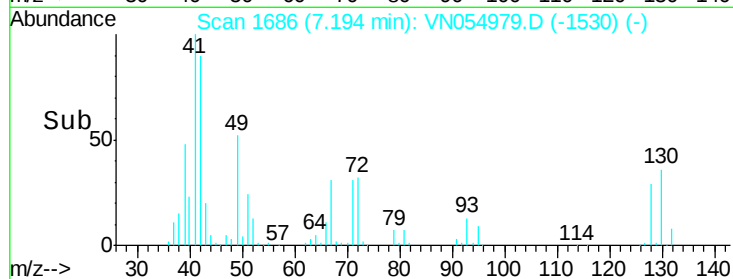
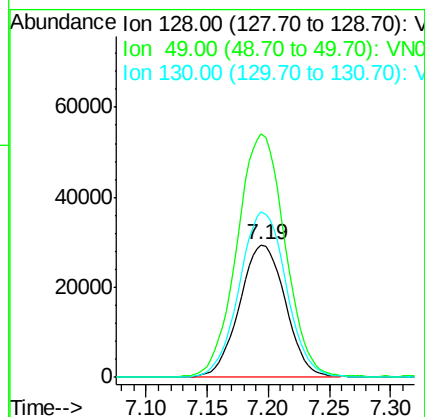
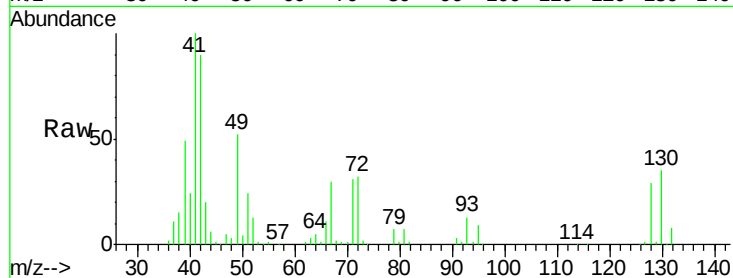
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	192.3	0.0	480.3
130	128.2	0.0	322.2

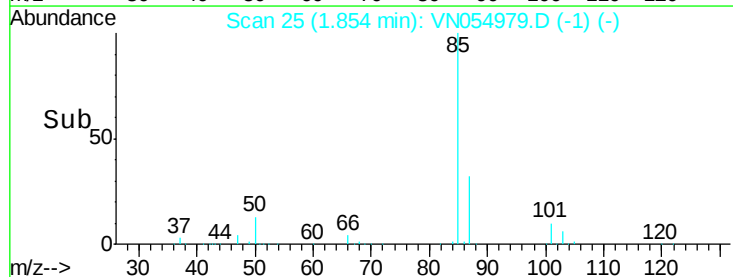
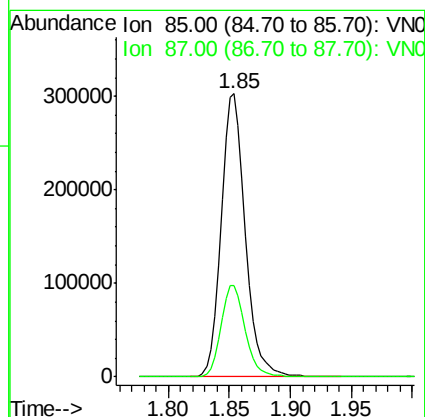
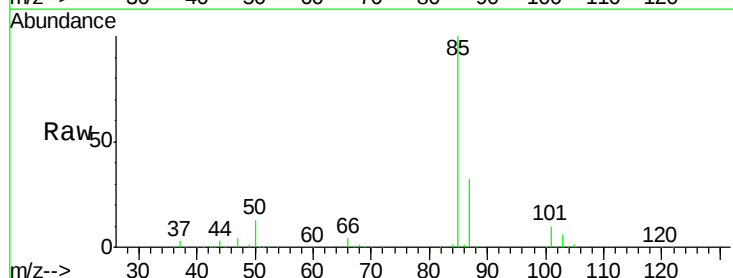
Manual Integrations
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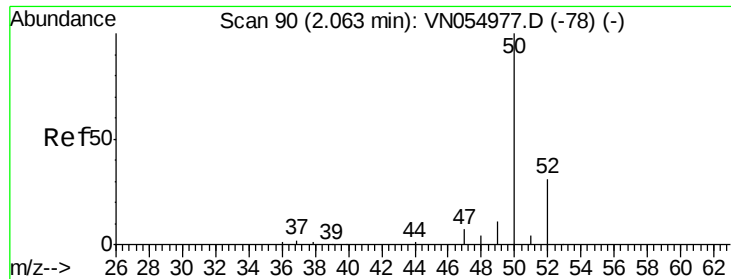
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#2
Dichlorodifluoromethane
Concen: 109.275 ug/l
RT: 1.85 min Scan# 25
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.1	48.3





#3

Chloromethane

Concen: 112.930 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 576539

Ion Ratio Lower Upper

50 100

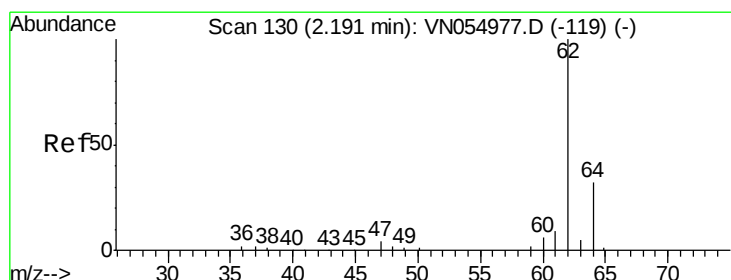
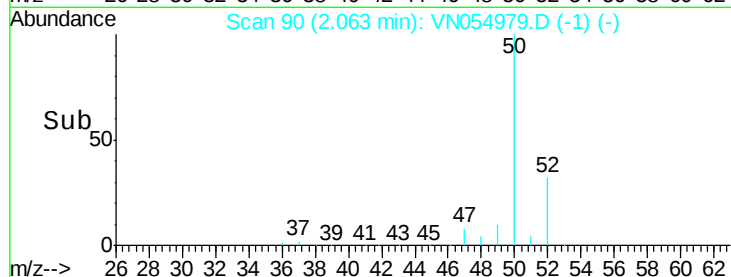
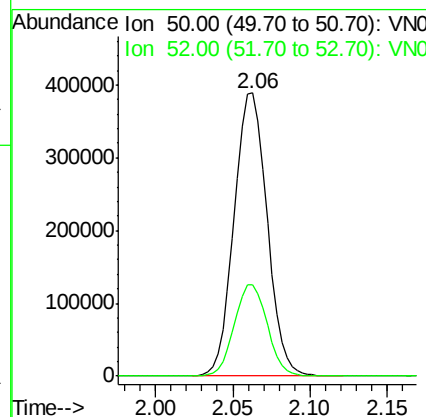
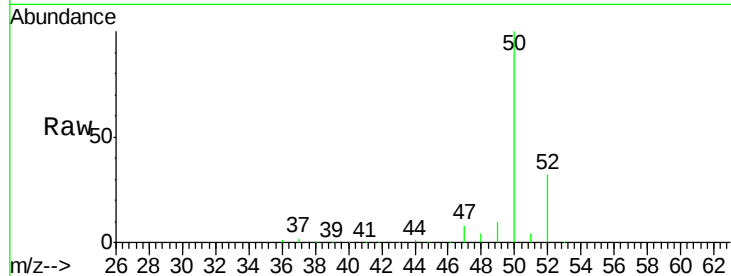
52 32.4 24.5 36.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 98.370 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054979.D

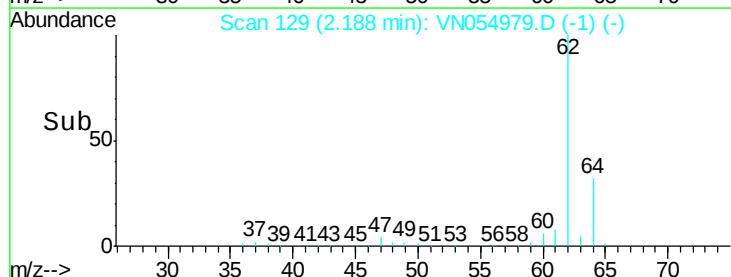
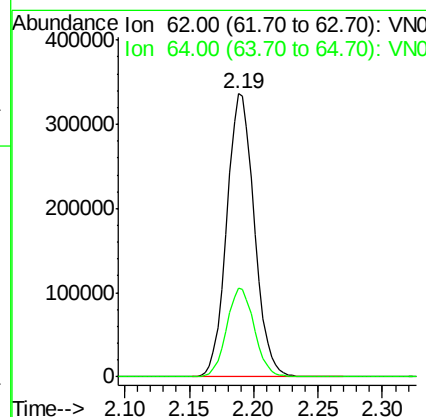
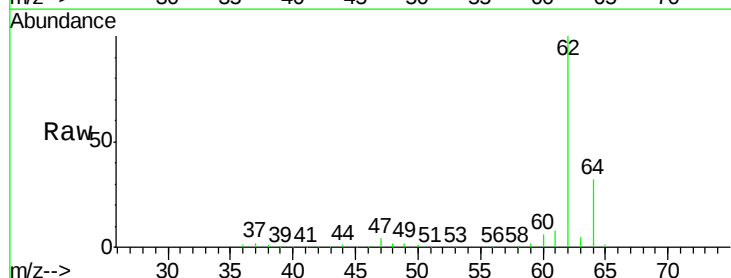
Acq: 11 Apr 2019 15:47

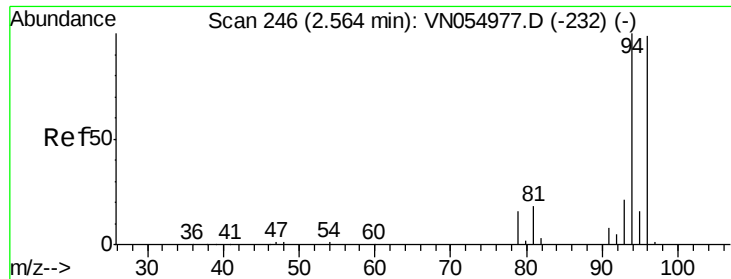
Tgt Ion: 62 Resp: 498126

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 93.106 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 288367

Ion Ratio Lower Upper

94 100

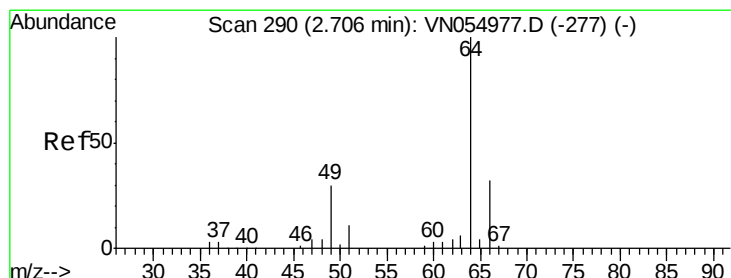
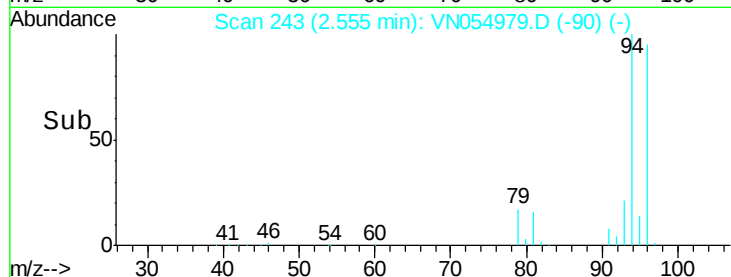
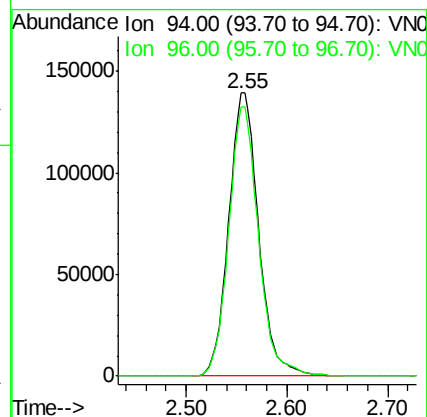
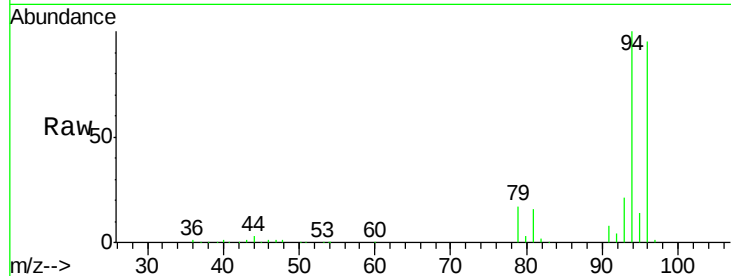
96 95.2 79.1 118.7

Manual Integrations

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#6

Chloroethane

Concen: 92.289 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN054979.D

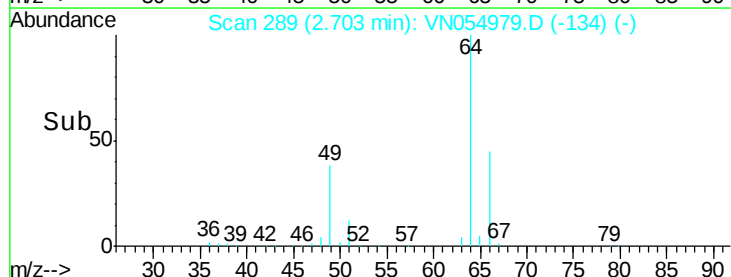
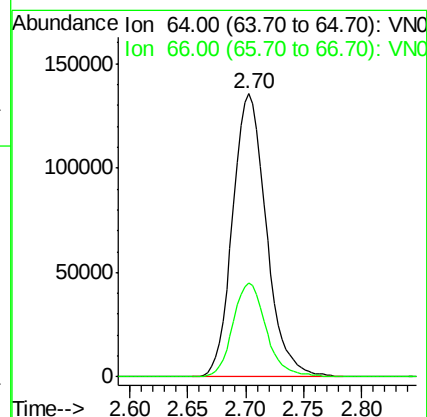
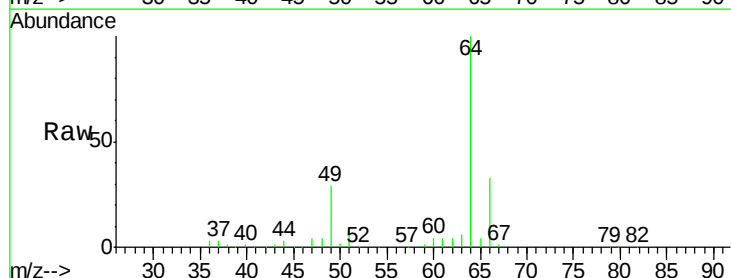
Acq: 11 Apr 2019 15:47

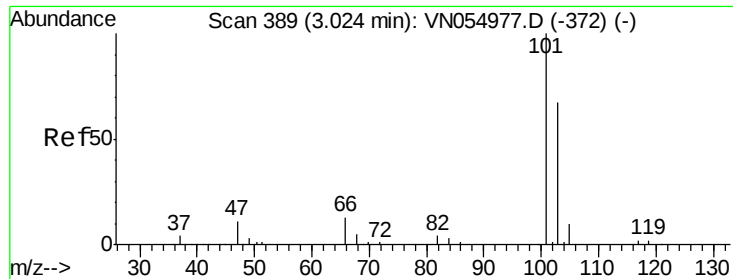
Tgt Ion: 64 Resp: 273597

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5





#7

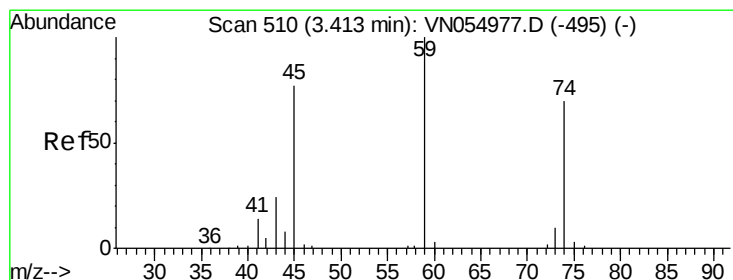
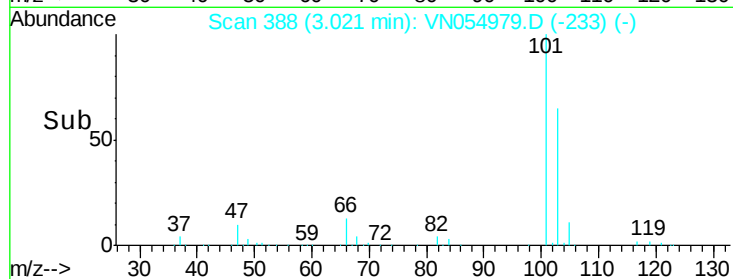
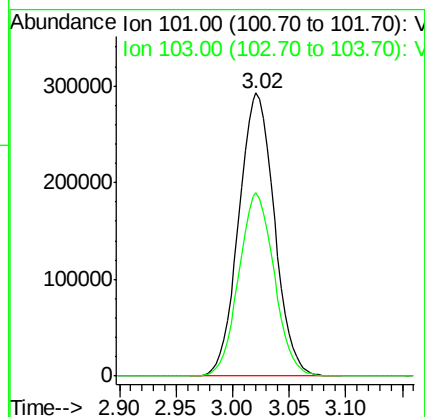
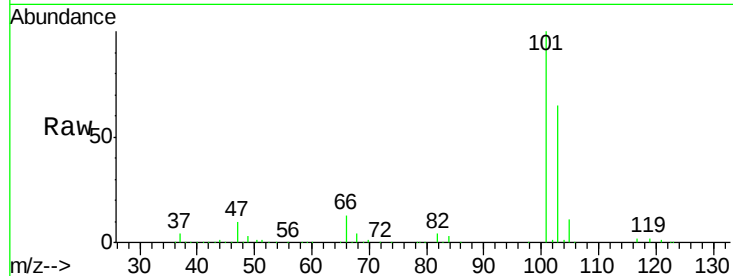
Trichlorofluoromethane
Concen: 104.140 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.4	80.0

Manual Integrations
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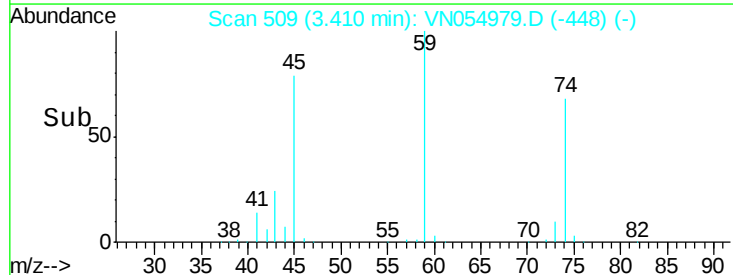
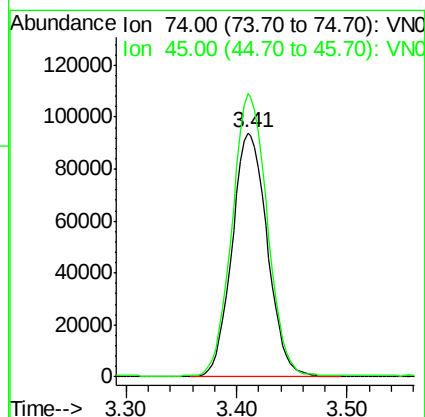
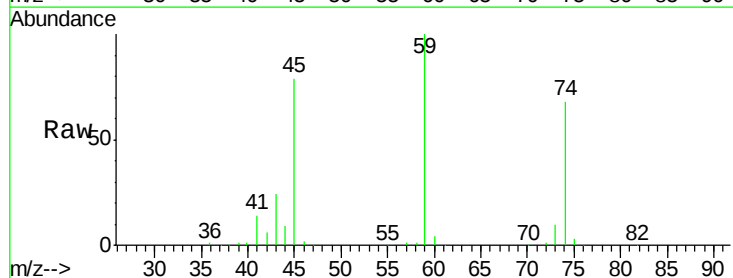
MMDadoda
4/12/2019 1:41:17 PM

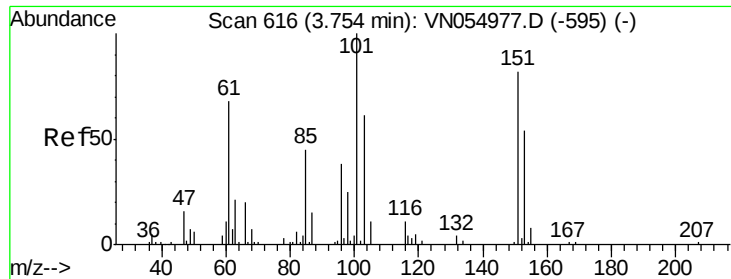


#8

Diethyl Ether
Concen: 91.375 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.3	22.9	205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.002 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

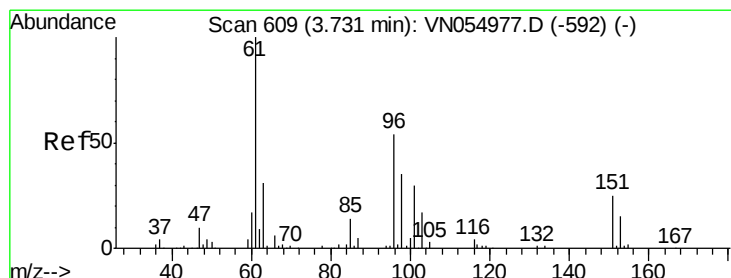
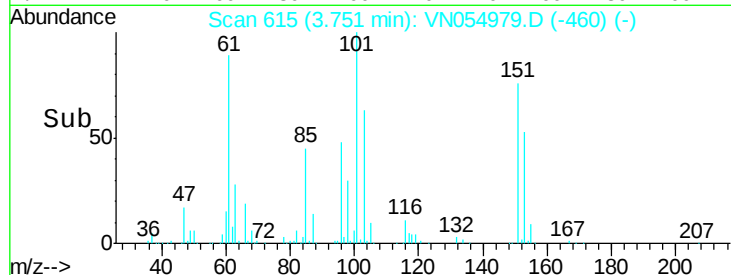
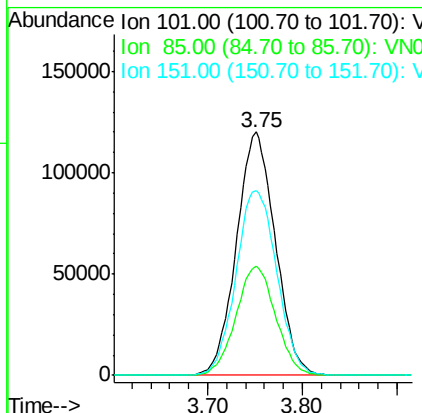
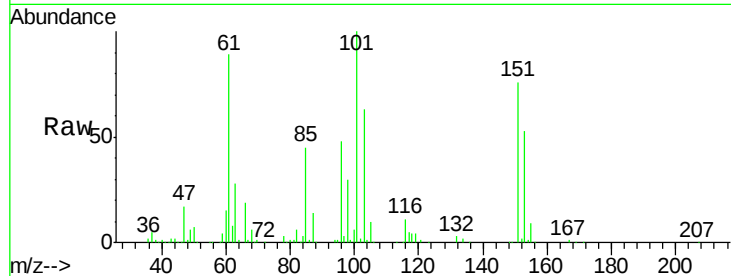
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	342377
Ion Ratio	Lower	Upper	
101	100		
85	45.7	0.0	91.4
151	79.9	0.0	165.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 86.819 ug/l

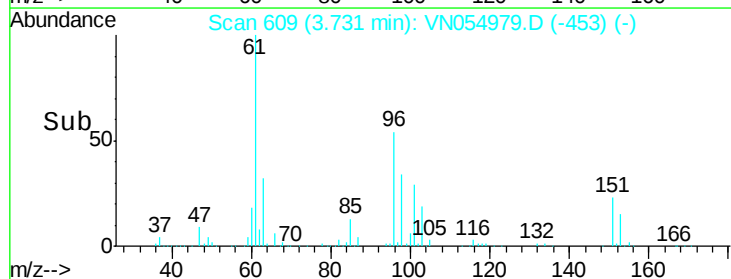
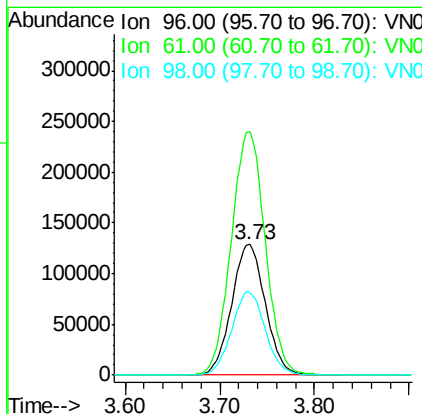
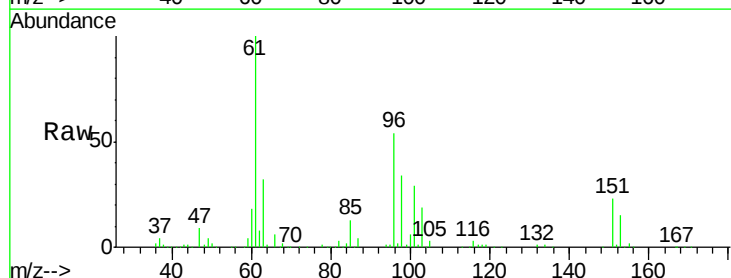
RT: 3.73 min Scan# 609

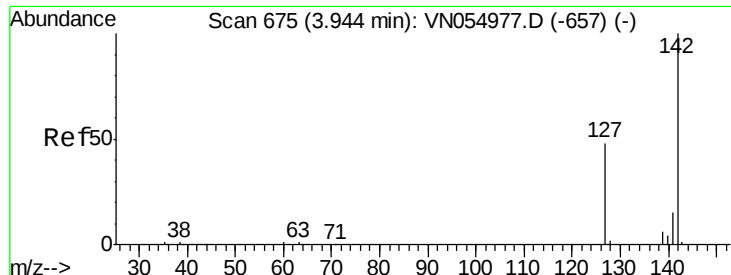
Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion:	96	Resp:	318456
Ion Ratio	Lower	Upper	
96	100		
61	185.8	148.4	222.6
98	63.1	52.2	78.2





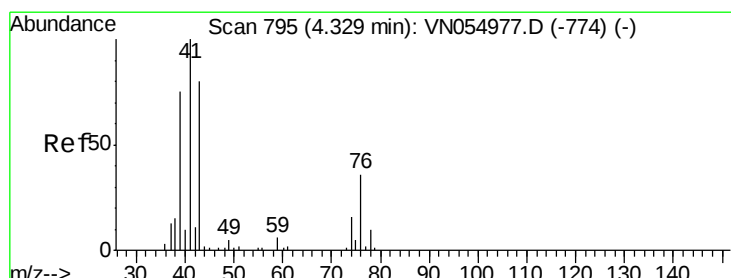
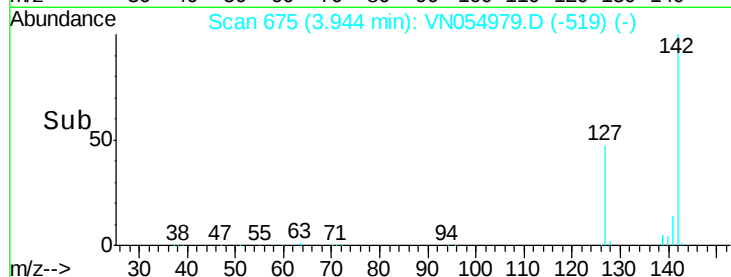
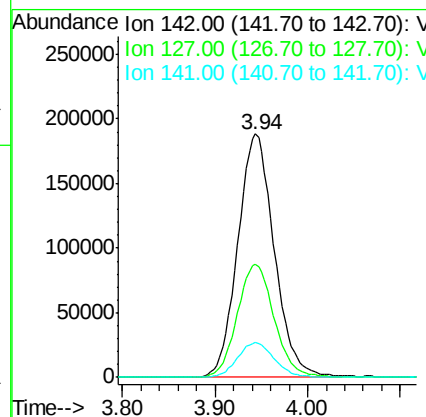
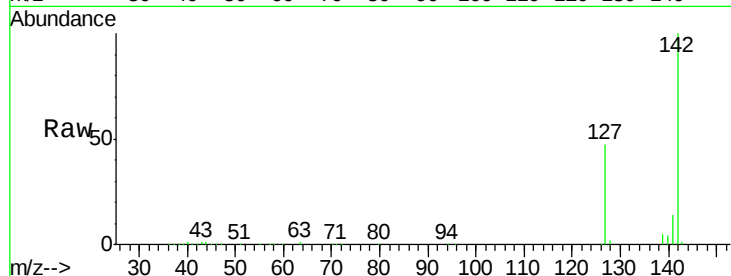
#11
Methvl Iodide
Concen: 95.299 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.6	23.8	71.5
141	14.2	7.3	22.0

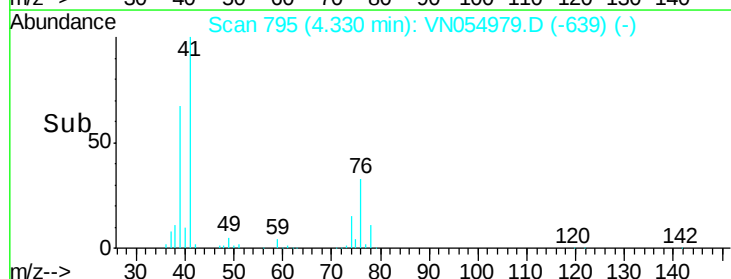
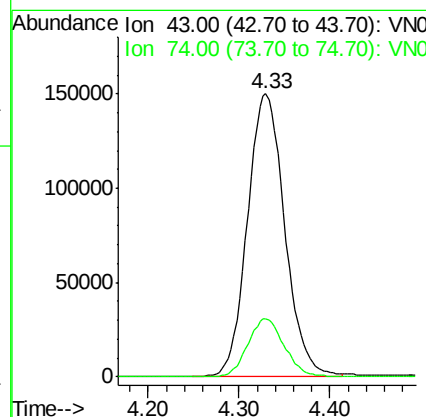
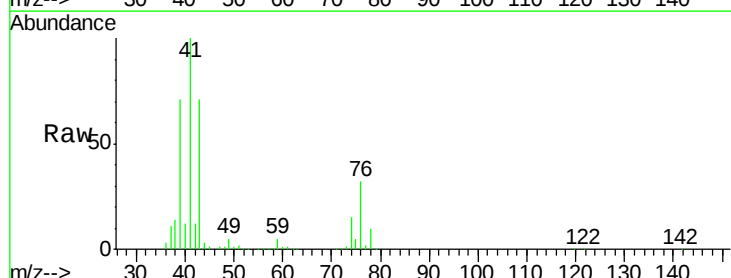
Manual Integrations
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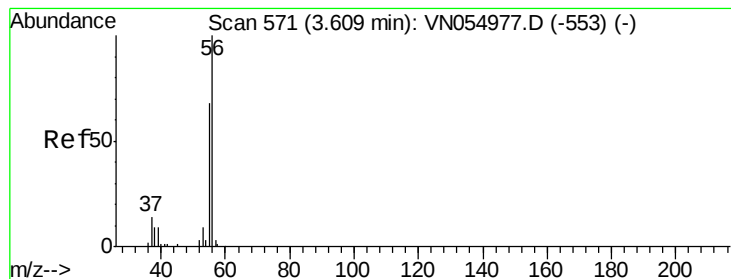
MMDadoda
4/12/2019 1:41:17 PM



#12
Methyl Acetate
Concen: 135.322 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.2	24.4





#13

Acrolein

Concen: 590.728 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tot Ion: 56 Resp: 178600

Ion Ratio Lower Upper

56 100

55 73.4 57.0 85.4

Instrument :

MSVOA_N

ClientSampleId :

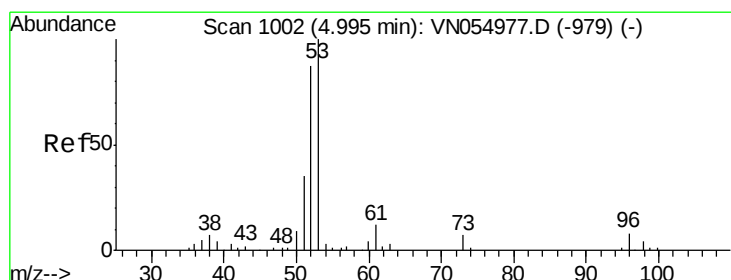
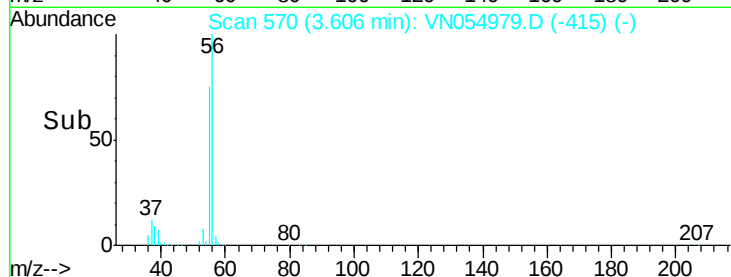
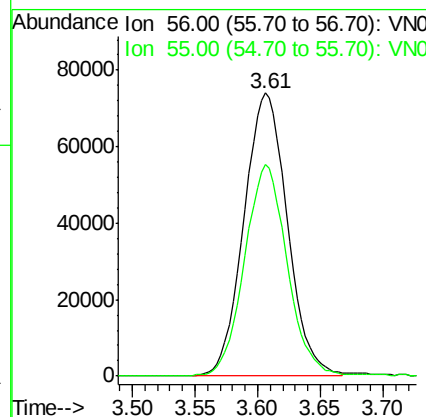
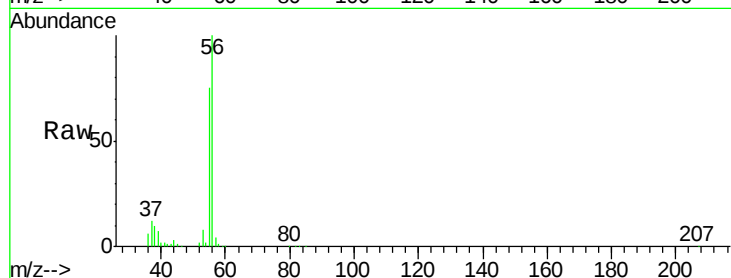
VSTDICC100

Manual Integrations

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MMDadoda

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#14

Acrylonitrile

Concen: 581.213 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

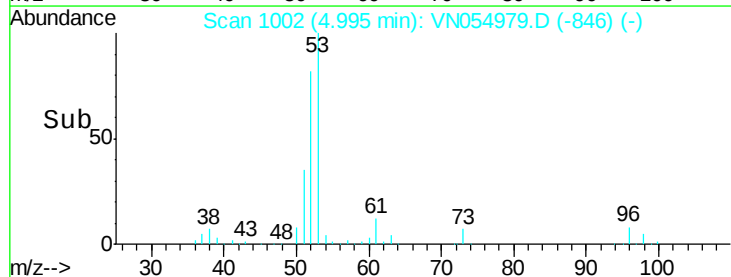
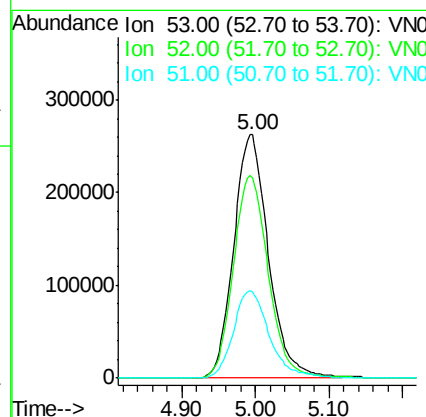
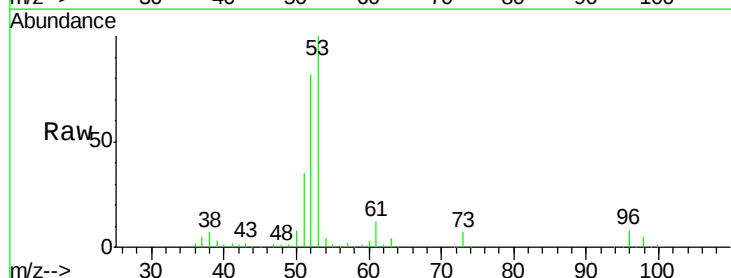
Tgt Ion: 53 Resp: 862114

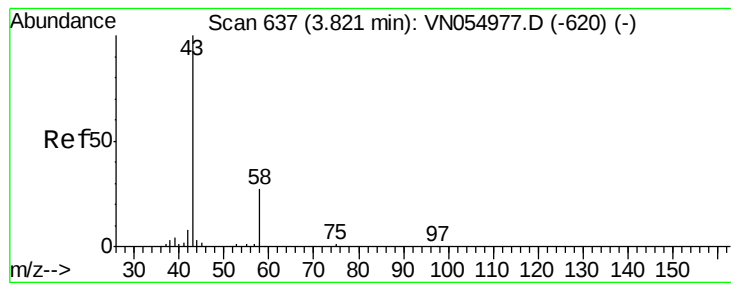
Ion Ratio Lower Upper

53 100

52 83.2 42.3 126.8

51 37.1 18.6 56.0





#15

Acetone

Concen: 451.625 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 193964

Ion Ratio Lower Upper

58 100

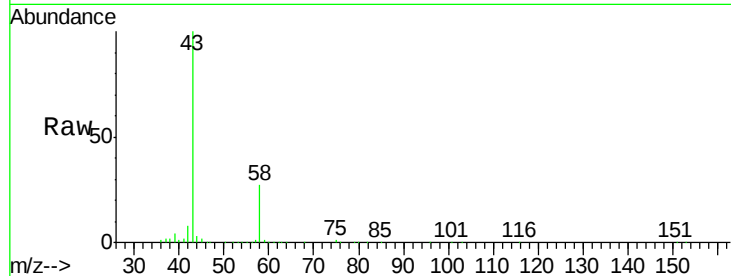
43 366.1 297.2 445.8

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

300000

200000

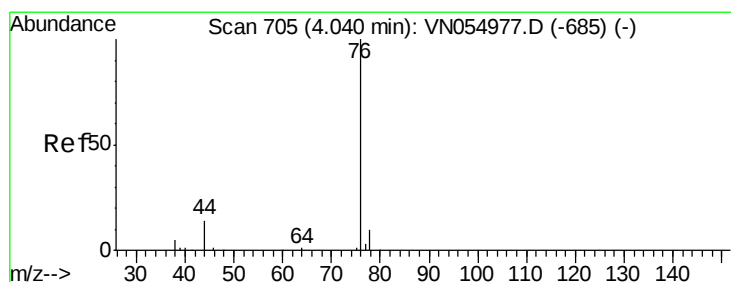
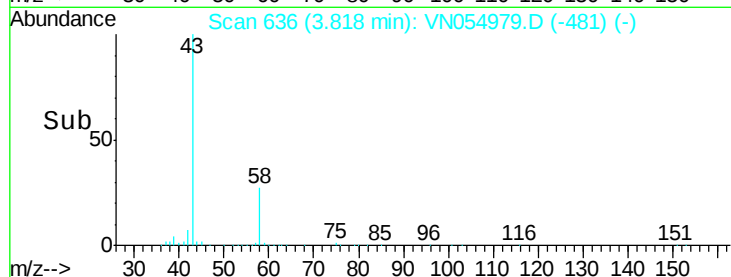
100000

0

3.70 3.75 3.80 3.85 3.90

3.82

Time-->



#16

Carbon Disulfide

Concen: 96.632 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054979.D

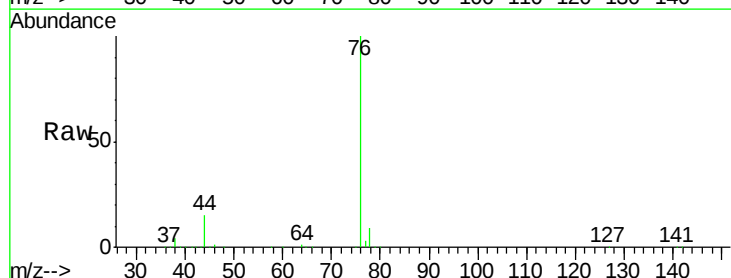
Acq: 11 Apr 2019 15:47

Tgt Ion: 76 Resp: 1144115

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

500000

400000

300000

200000

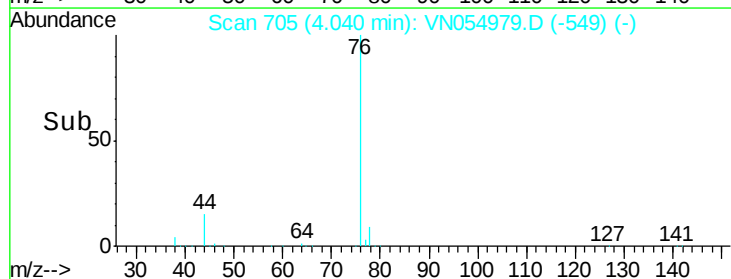
100000

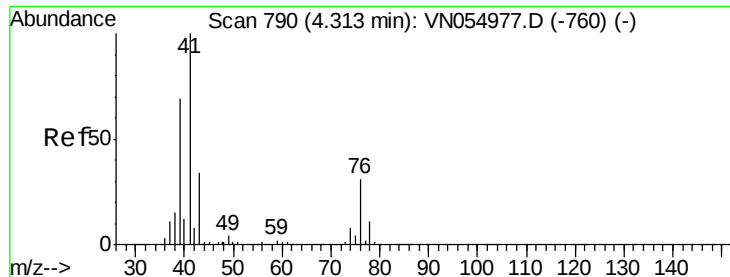
0

3.90 4.00 4.10 4.20

4.04

Time-->





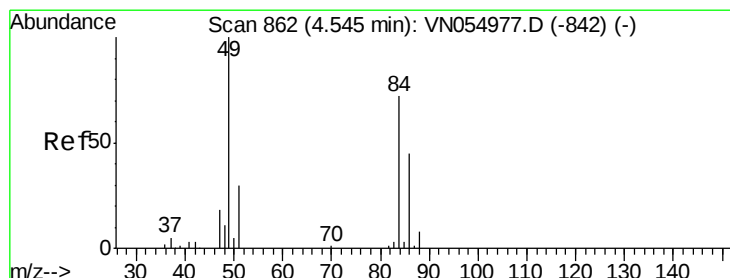
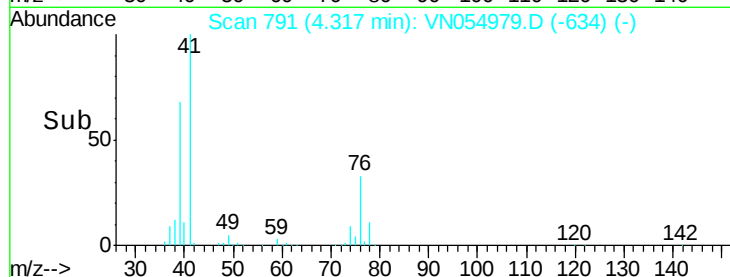
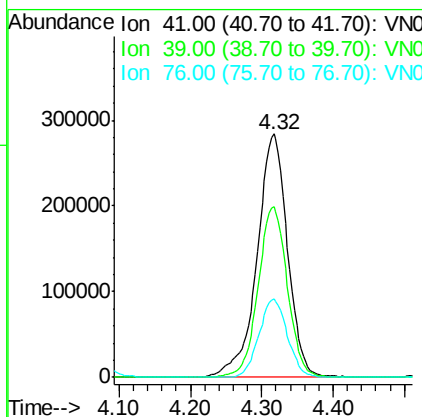
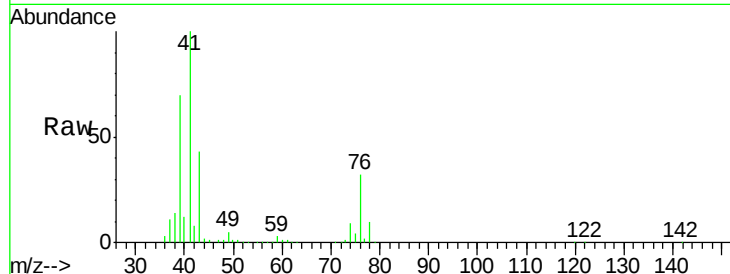
#17
Allvl chloride
Concen: 127.998 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.0	34.3	102.9
76	31.9	15.8	47.3

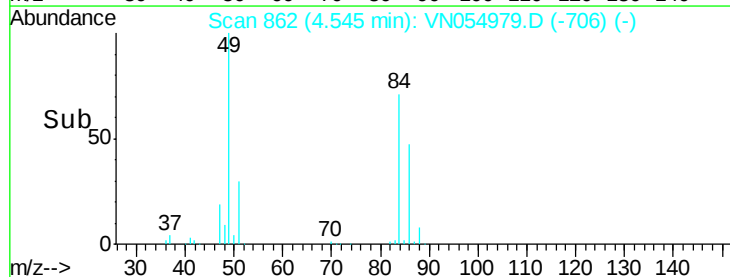
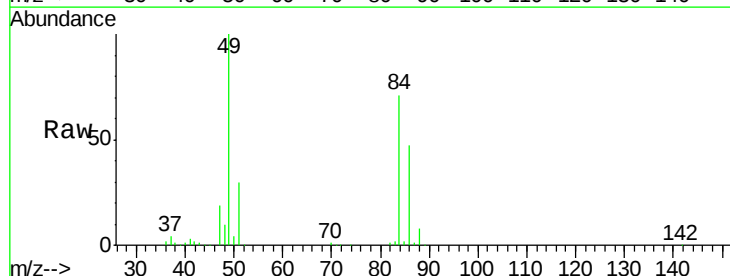
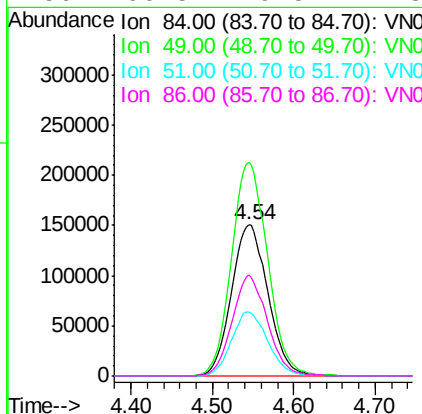
Manual Integrations
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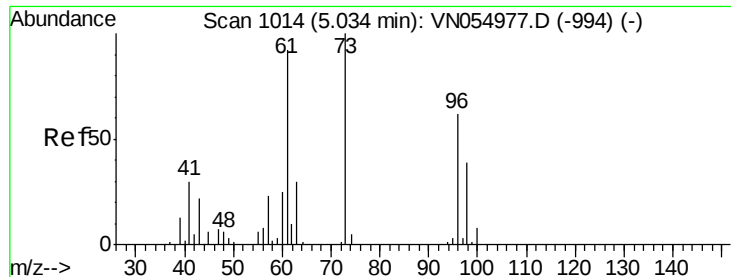
MMDadoda
4/12/2019 1:41:17 PM



#18
Methylene Chloride
Concen: 108.943 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	111.0	166.4
51	42.3	33.4	50.2
86	66.5	49.5	74.3





#19

trans-1,2-Dichloroethene

Concen: 108.579 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 96 Resp: 435755

Ion Ratio Lower Upper

96 100

61 148.5 117.2 175.8

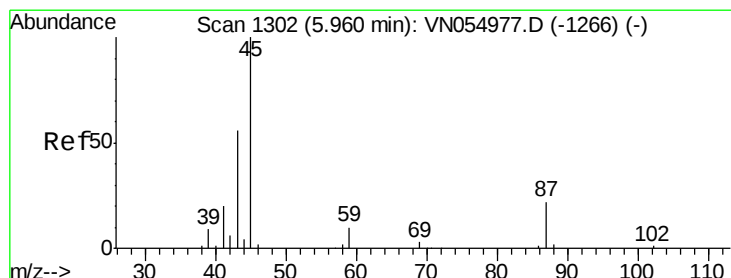
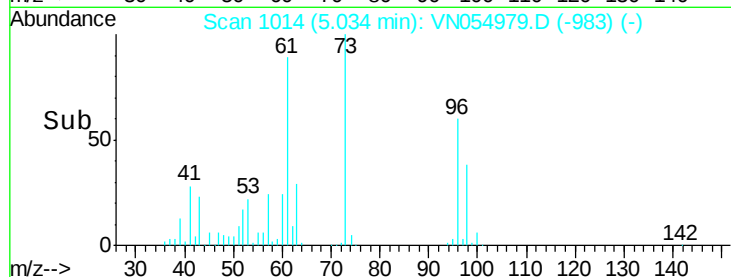
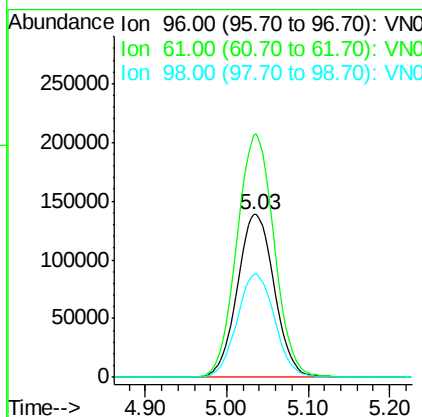
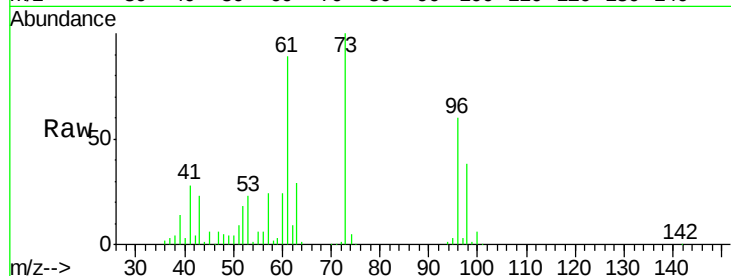
98 63.2 49.4 74.2

Manual Integrations

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#20

Diisopropyl ether

Concen: 127.418 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion: 45 Resp: 1682587

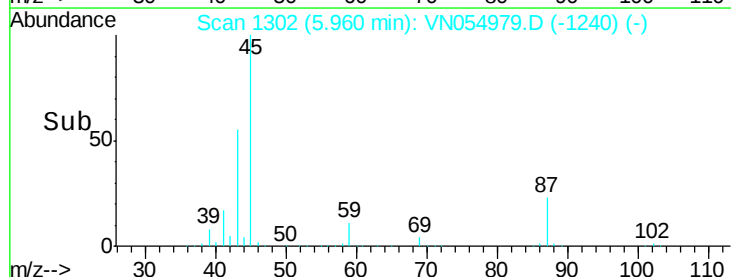
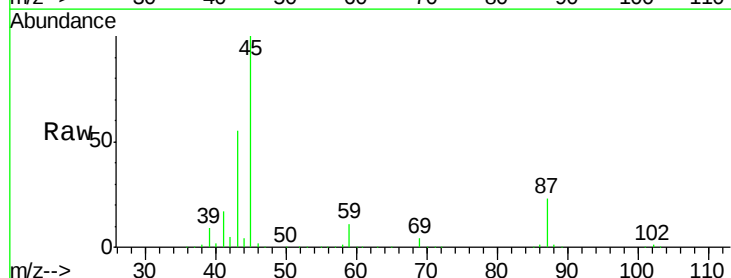
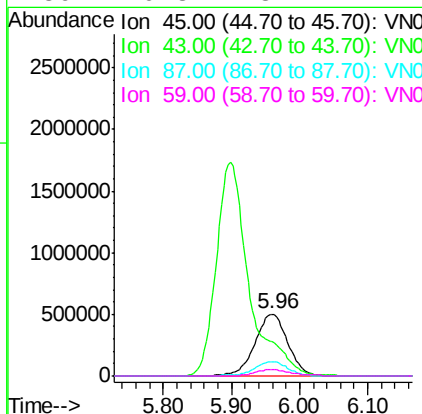
Ion Ratio Lower Upper

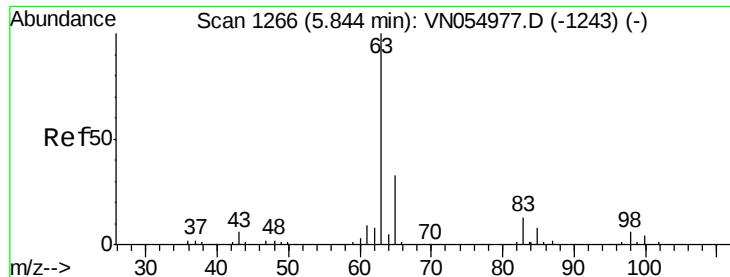
45 100

43 53.9 45.8 68.8

87 23.3 18.2 27.4

59 10.3 8.2 12.2





#21

1,1-Dichloroethane

Concen: 113.101 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

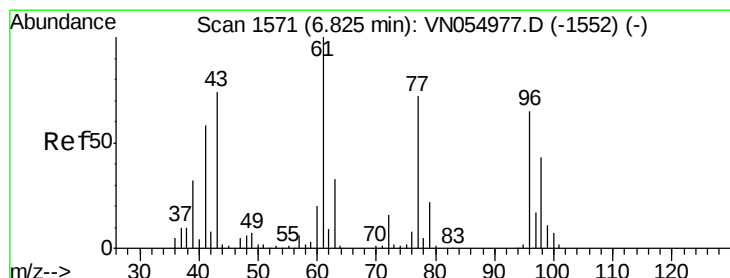
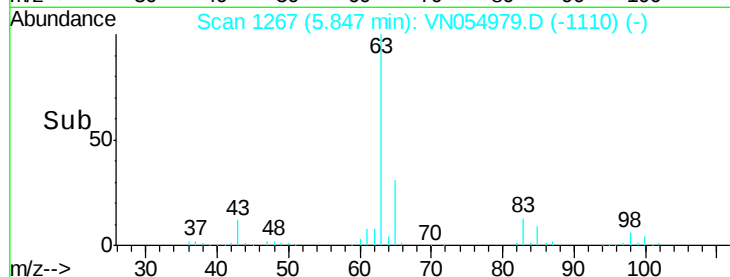
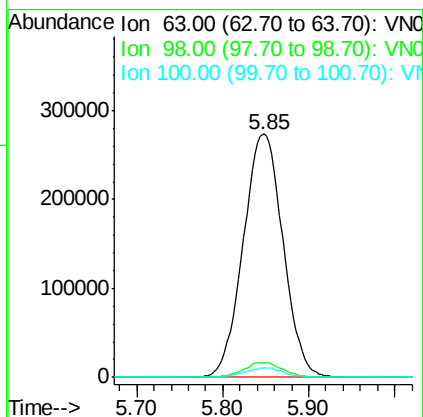
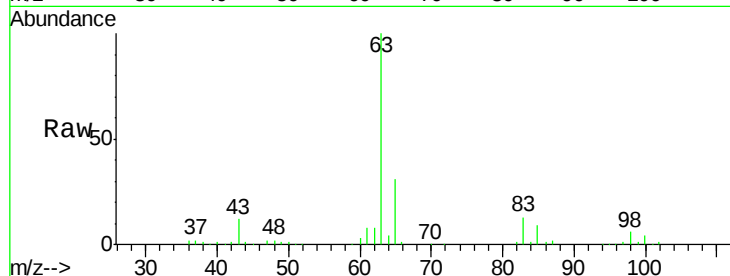
ClientSampleId :

VSTDIC100

Tot Ion:	63	Resp:	880887
Ion Ratio	Lower	Upper	
63	100		
98	6.1	2.9	8.7
100	4.0	2.0	5.8

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 111.888 ug/l

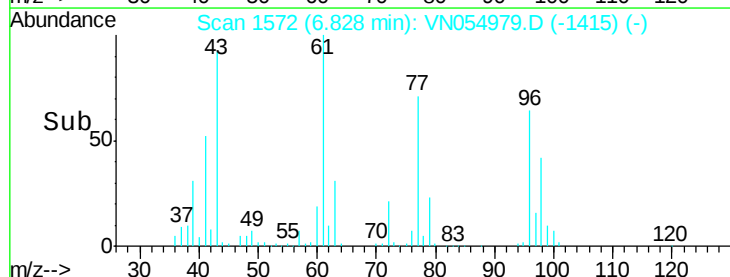
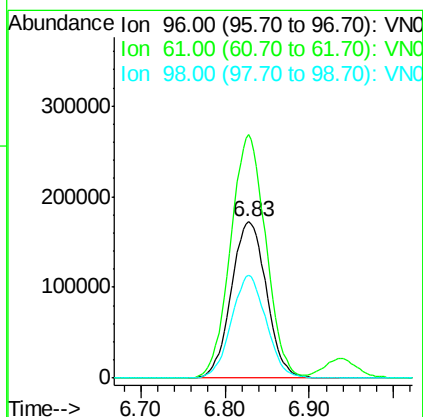
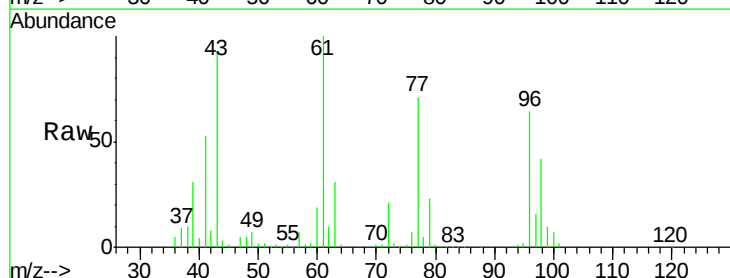
RT: 6.83 min Scan# 1572

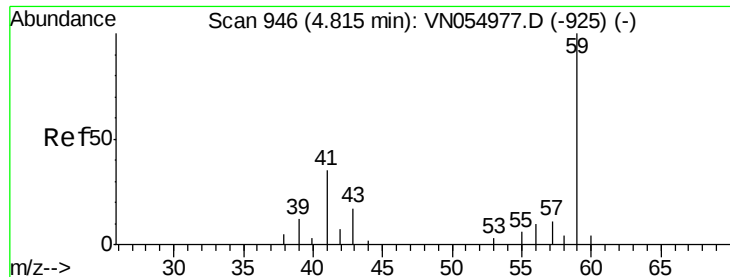
Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion:	96	Resp:	501516
Ion Ratio	Lower	Upper	
96	100		
61	155.6	125.0	187.6
98	65.1	52.2	78.2





#23

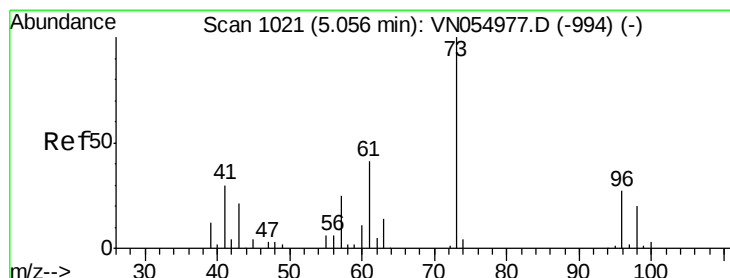
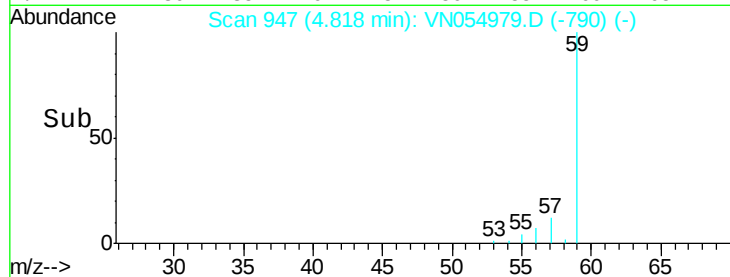
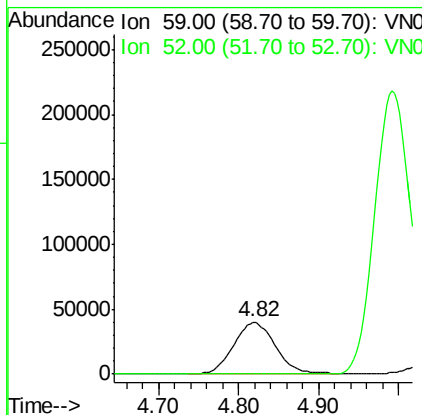
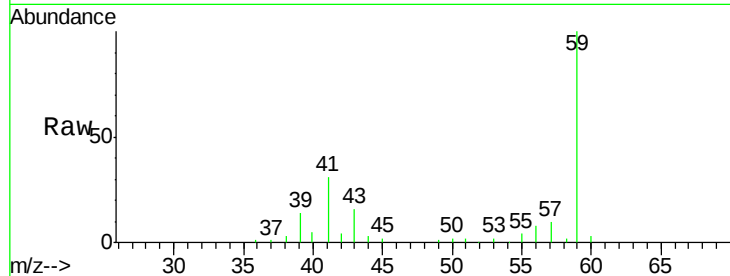
tert-Butyl Alcohol
 Concen: 543.908 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#

Manual Integrations
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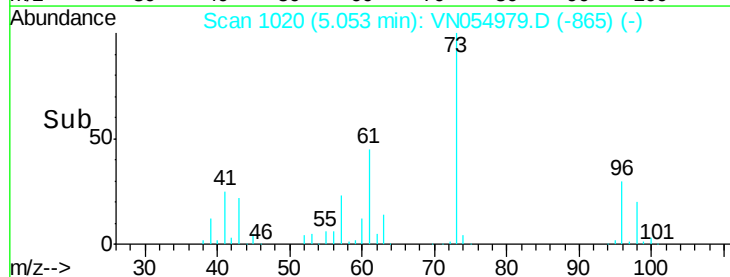
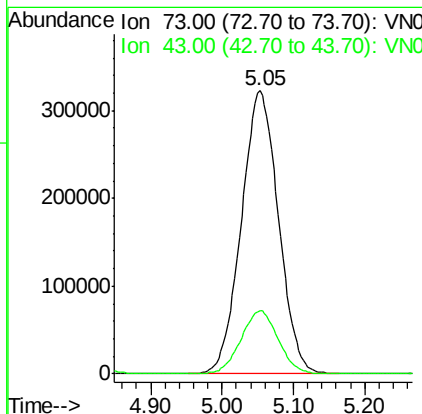
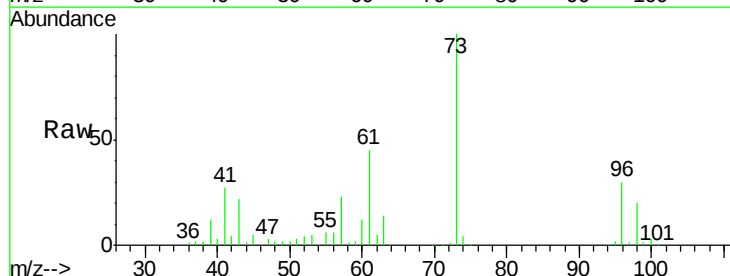
MMDadoda
 4/12/2019 1:41:17 PM

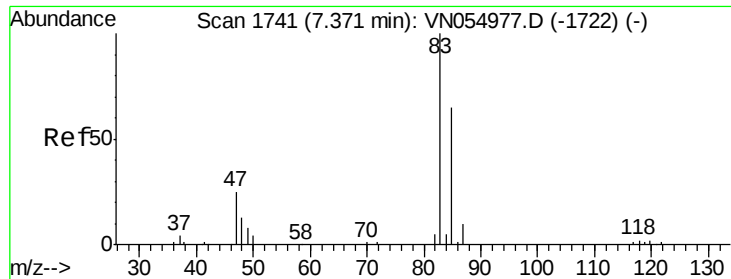


#24

Methyl tert-Butyl Ether
 Concen: 117.255 ug/l
 RT: 5.05 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.2	8.0	12.0#





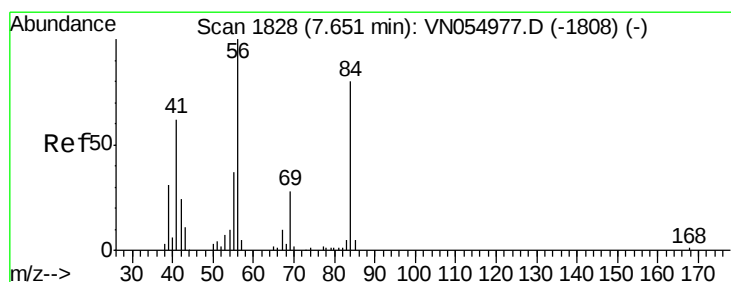
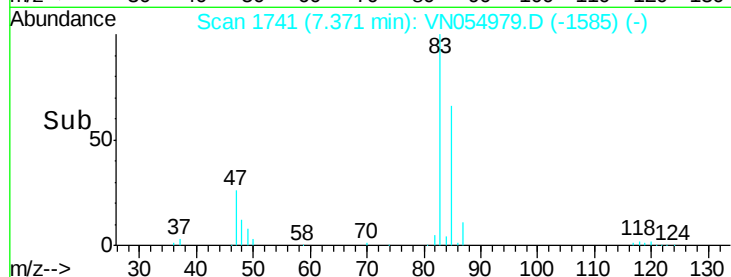
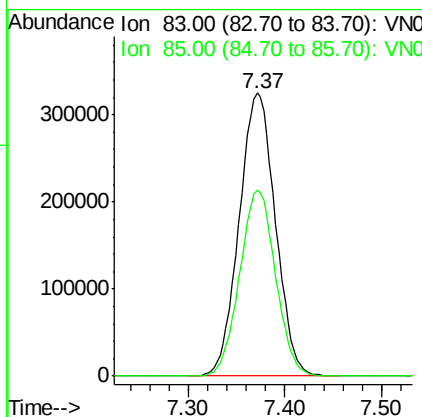
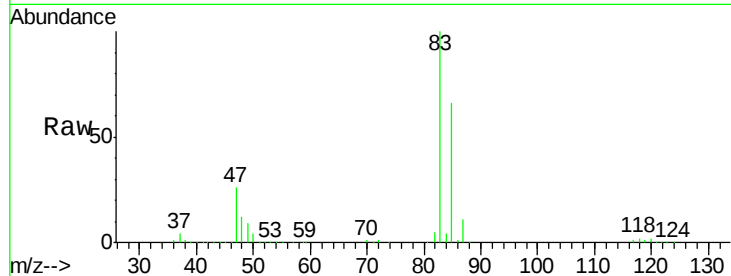
#25
Chloroform
Concen: 112.645 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	845603
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	51.8	77.8

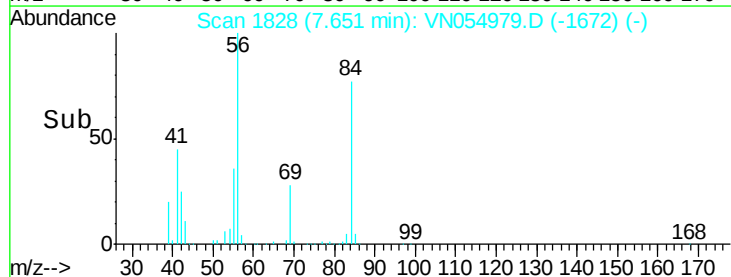
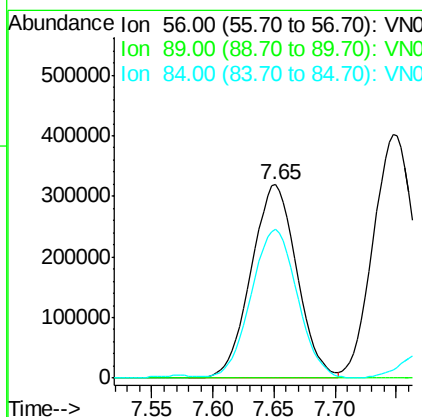
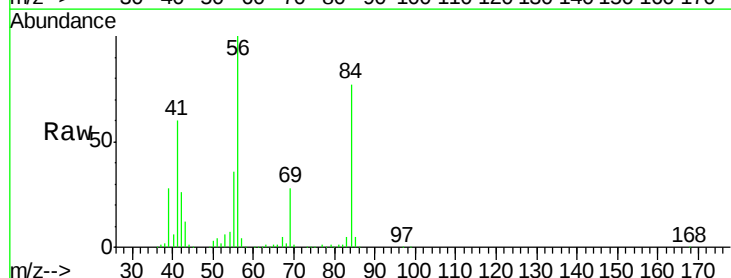
Manual Integrations
APPROVED

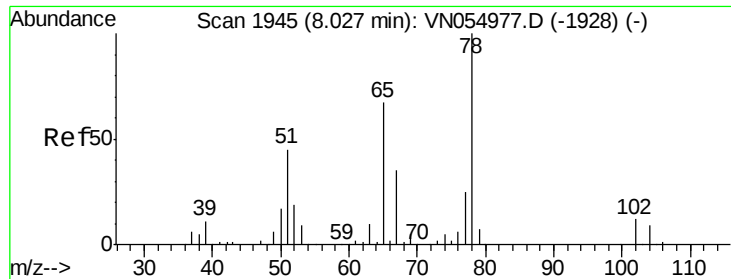
MMDadoda
4/12/2019 1:41:17 PM



#26
Cyclohexane
Concen: 117.718 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	56	Resp	829849
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	78.2	63.5	95.3





#27

1,2-Dichloroethane-d4

Concen: 117.718 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 170863

Ion Ratio Lower Upper

65 100

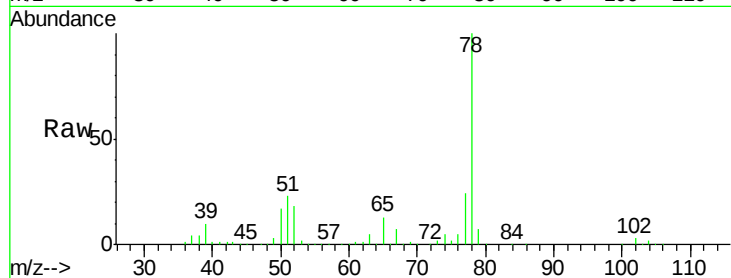
67 53.0 41.8 62.8

Manual Integrations

APPROVED

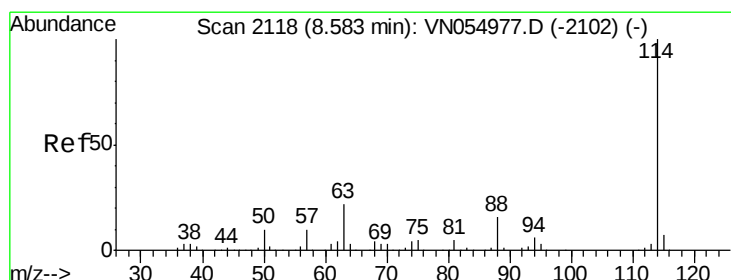
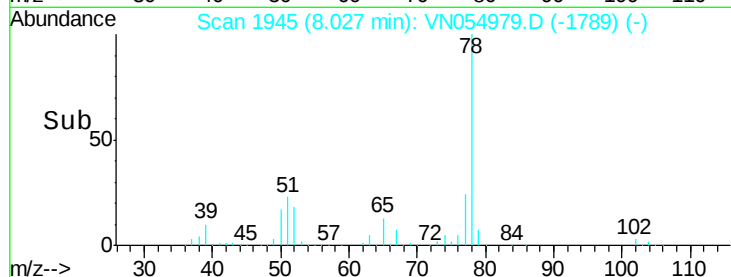
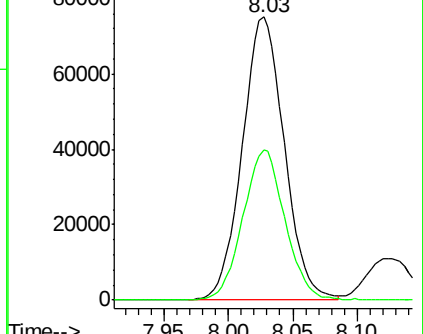
MMDadoda

4/12/2019 1:41:17 PM



Abundance Ion 65.00 (64.70 to 65.70): VN054979.D (-1789) (-)

Ion 67.00 (66.70 to 67.70): VN054979.D (-1789) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

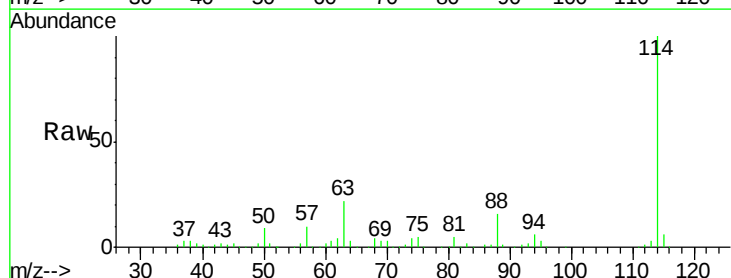
Tgt Ion: 114 Resp: 421317

Ion Ratio Lower Upper

114 100

63 21.9 17.0 25.4

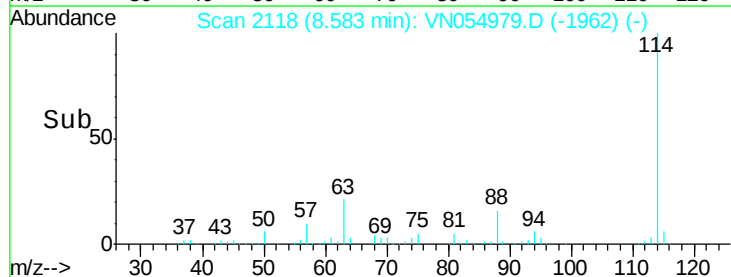
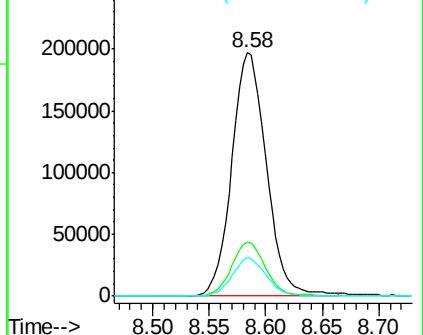
88 15.3 12.3 18.5

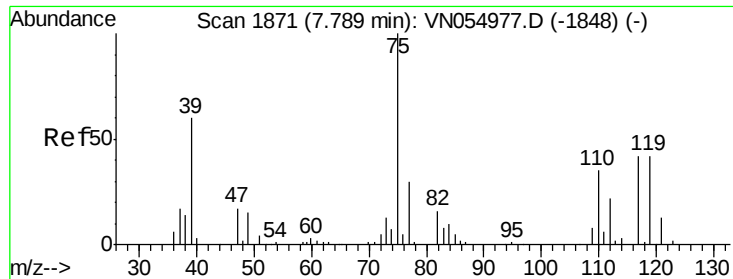


Abundance Ion 114.00 (113.70 to 114.70): VN054979.D (-1962) (-)

Ion 63.00 (62.70 to 63.70): VN054979.D (-1962) (-)

Ion 88.00 (87.70 to 88.70): VN054979.D (-1962) (-)





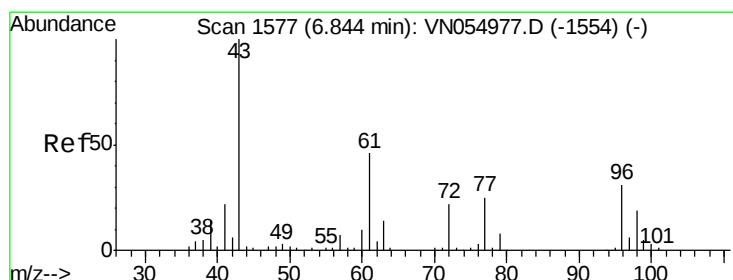
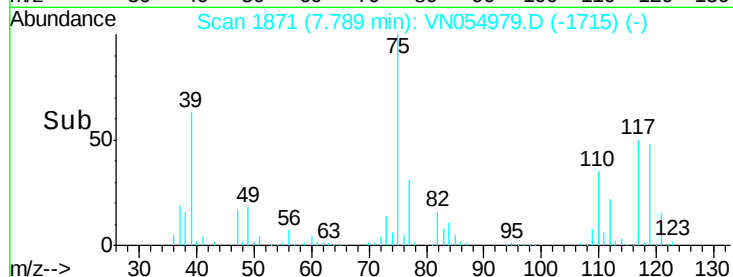
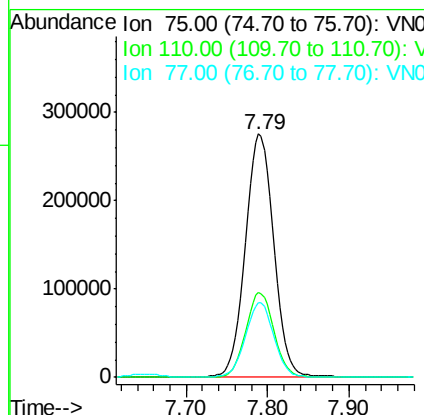
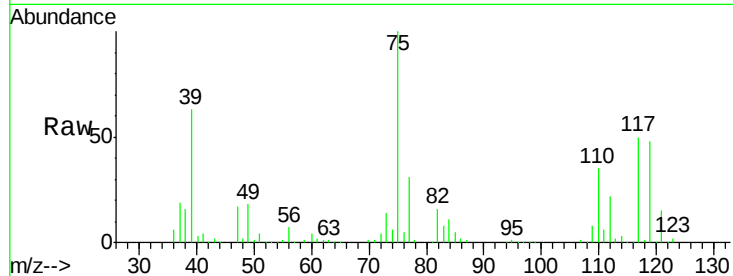
#29
 1,1-Dichloropropene
 Concen: 114.197 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	660384		
110	34.5	0.0	68.4	
77	30.7	0.0	58.6	

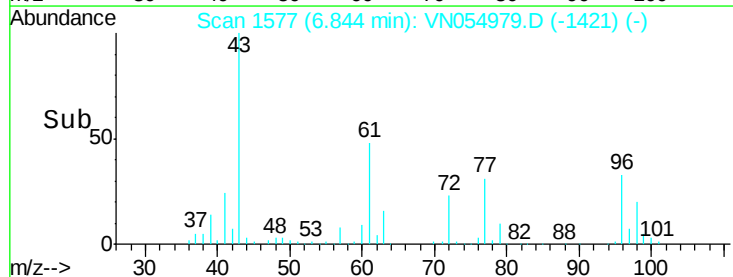
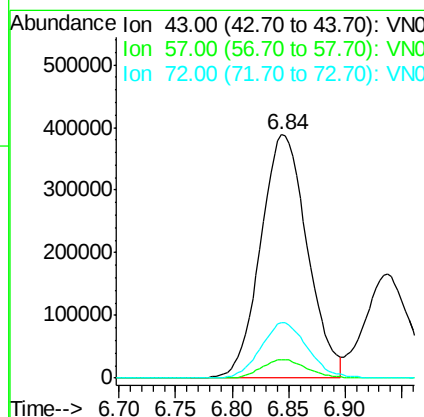
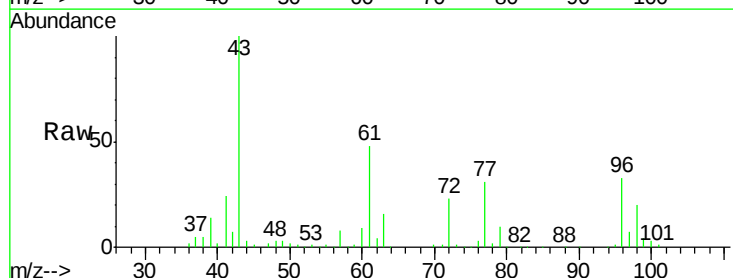
Manual Integrations
 APPROVED

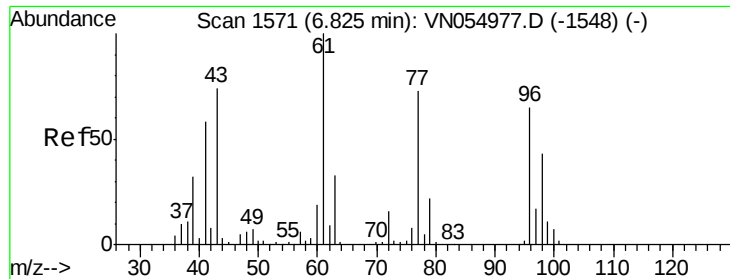
MMDadoda
 4/12/2019 1:41:17 PM



#30
 2-Butanone
 Concen: 607.103 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1106457		
57	7.5	6.0	9.0	
72	23.2	18.6	27.8	





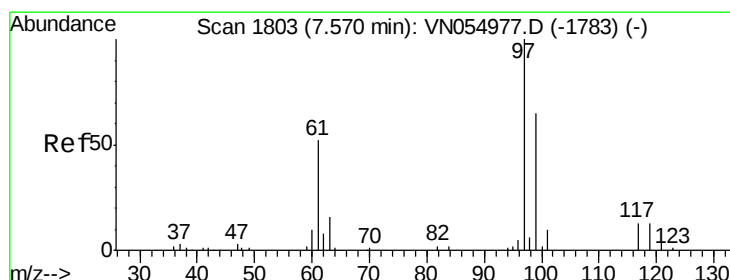
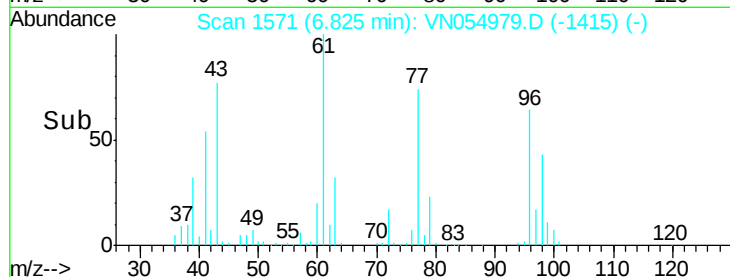
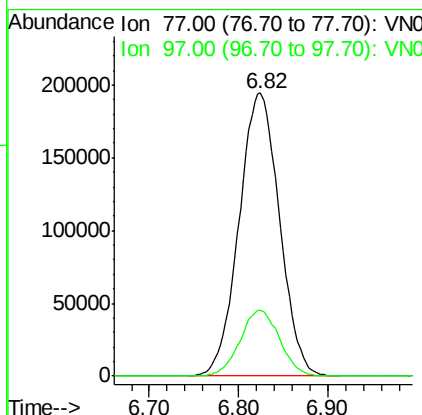
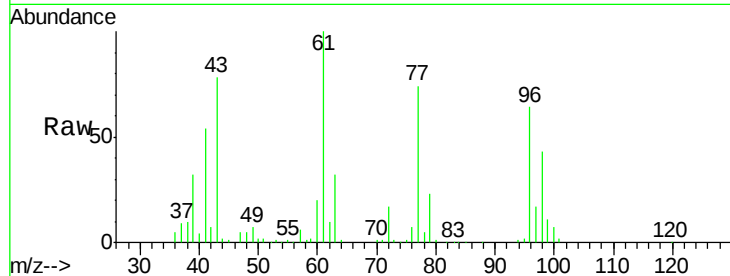
#31
 2,2-Dichloropropane
 Concen: 107.947 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 77 Resp: 612988
 Ion Ratio Lower Upper
 77 100
 97 22.8 0.0 0.0#

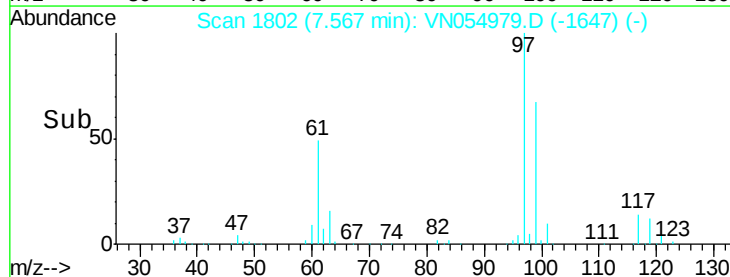
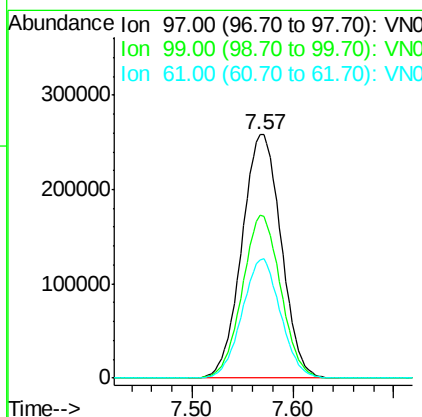
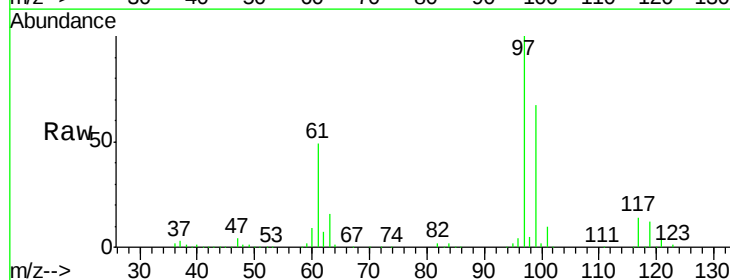
Manual Integrations
 APPROVED

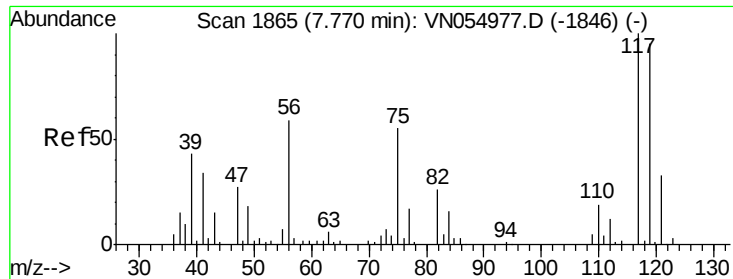
MMDadoda
 4/12/2019 1:41:17 PM



#32
 1,1,1-Trichloroethane
 Concen: 111.900 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion: 97 Resp: 695870
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.2 76.8
 61 47.7 40.6 60.8





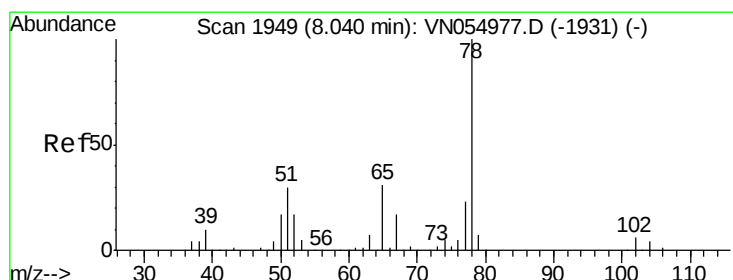
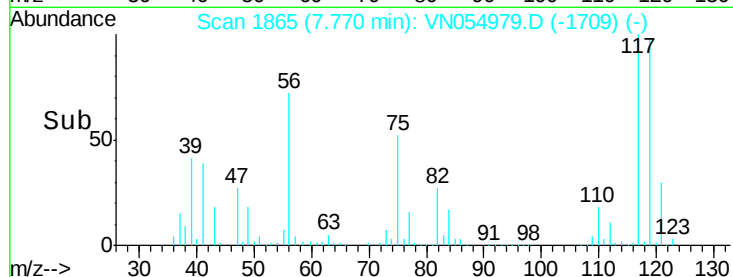
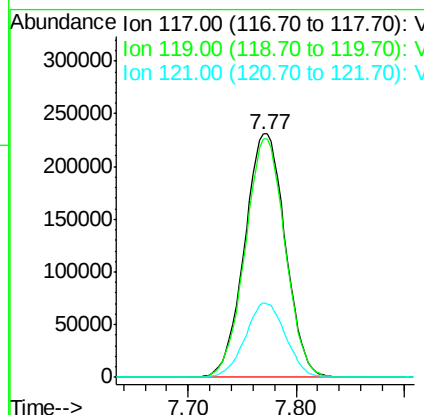
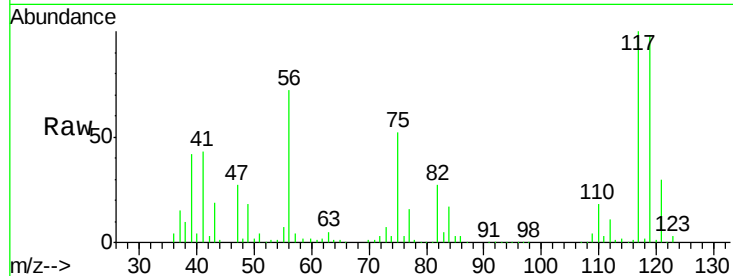
#33
Carbon Tetrachloride
Concen: 110.090 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.1	114.1
121	30.4	26.2	39.4

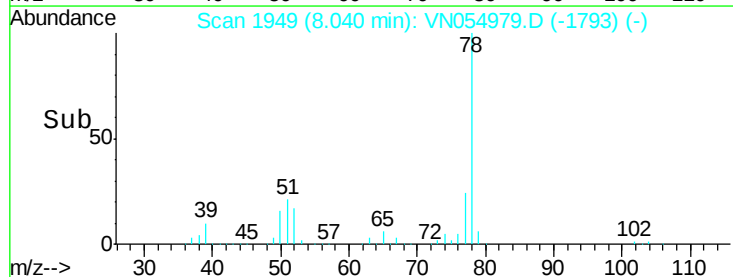
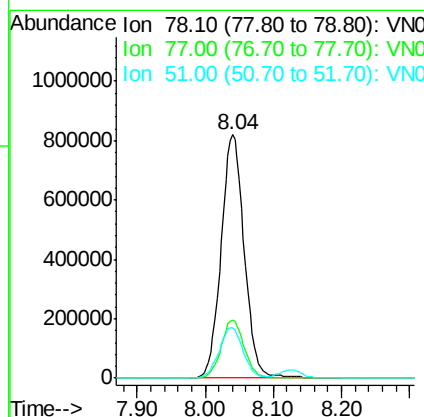
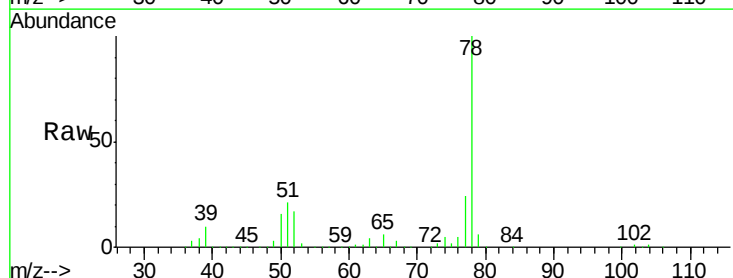
Manual Integrations
APPROVED

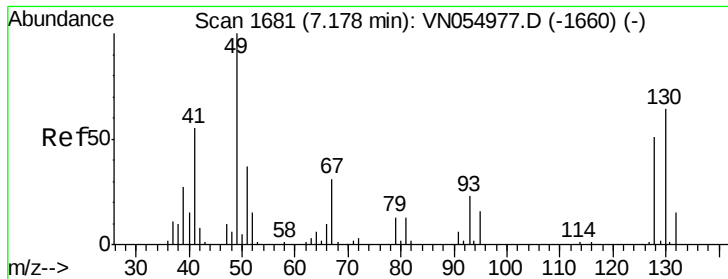
MMDadoda
4/12/2019 1:41:17 PM



#34
Benzene
Concen: 112.089 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.4
51	20.7	23.7	35.5#





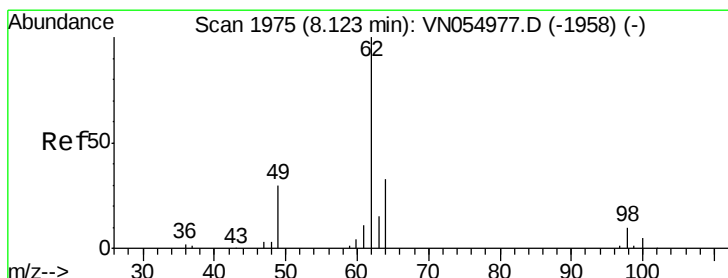
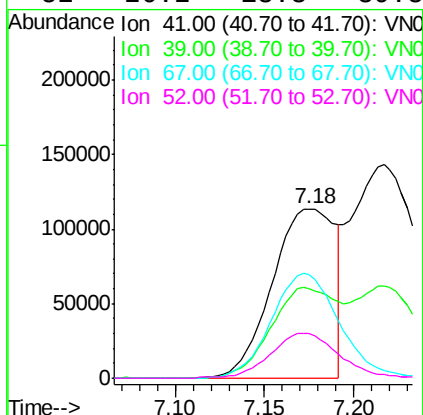
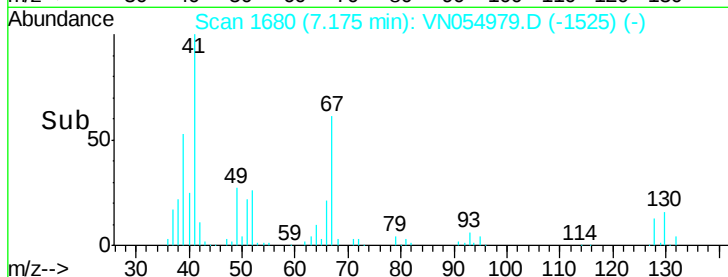
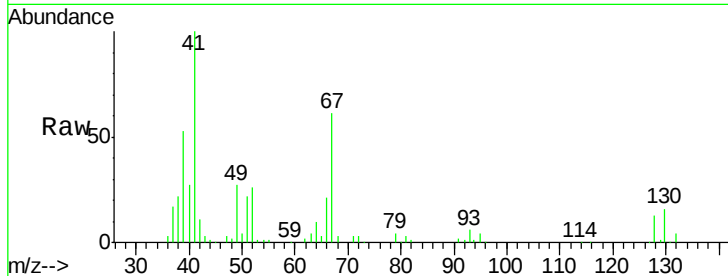
#35
Methacrylonitrile
Concen: 133.039 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion:	41	Resp:	276645
Ion Ratio	Lower	Upper	
41	100		
39	52.7	24.2	72.6
67	61.5	28.1	84.2
52	26.2	13.3	39.8

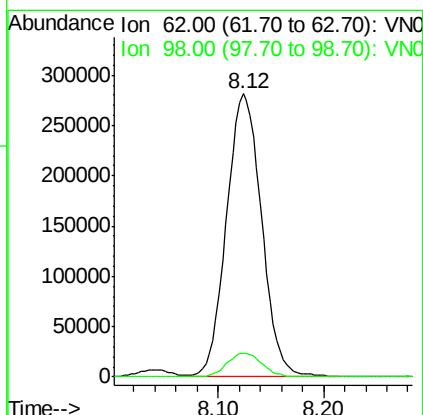
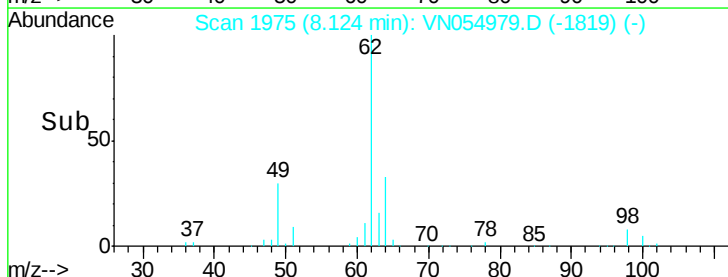
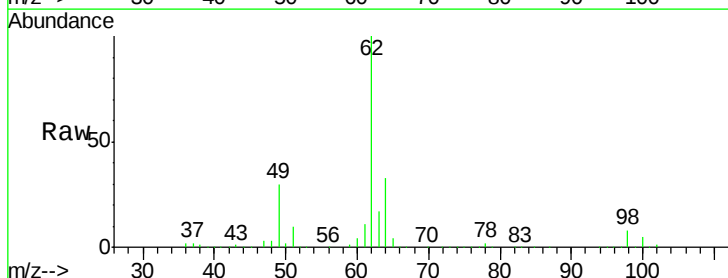
Manual Integrations
APPROVED

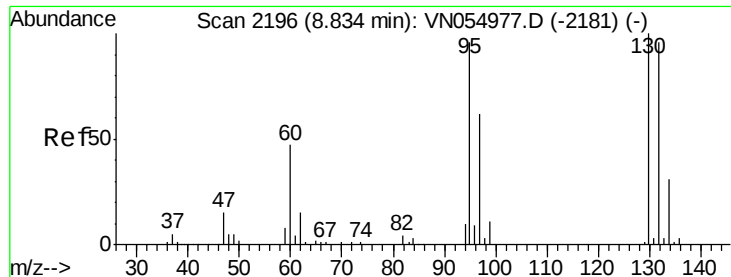
MMDadoda
4/12/2019 1:41:17 PM



#36
1,2-Dichloroethane
Concen: 115.515 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion:	62	Resp:	644563
Ion Ratio	Lower	Upper	
62	100		
98	8.5	6.9	10.3





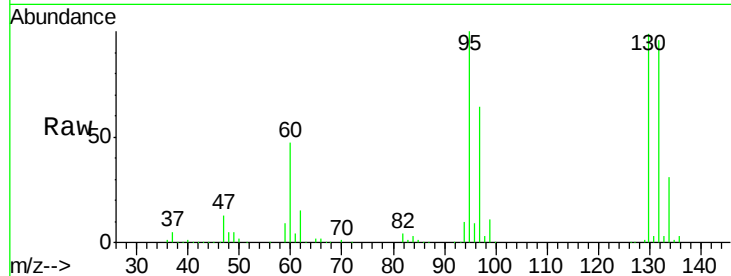
#37
 Trichloroethene
 Concen: 107.806 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

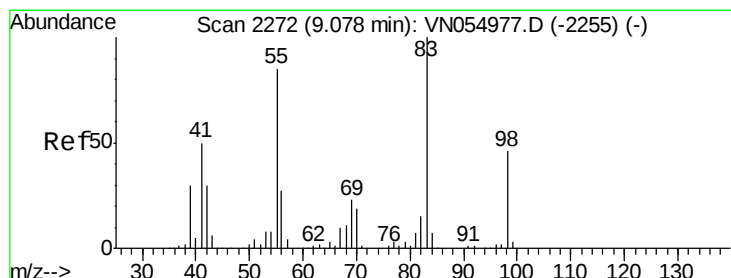
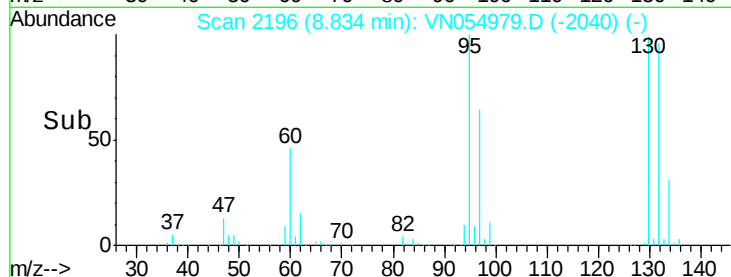
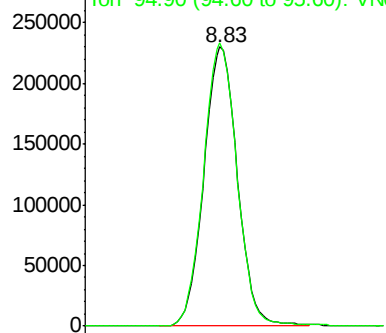
Tot Ion:130 Resp: 485133
 Ion Ratio Lower Upper
 130 100
 95 101.4 76.6 115.0

Manual Integrations
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MMDadoda
 4/12/2019 1:41:17 PM

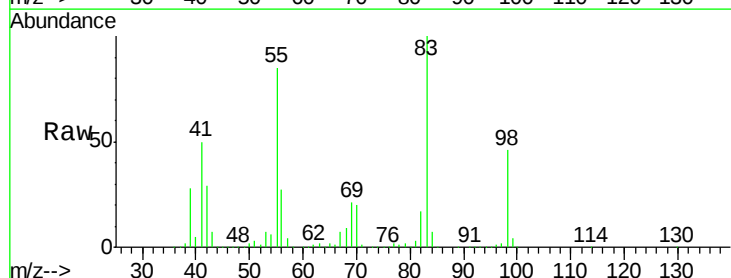


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

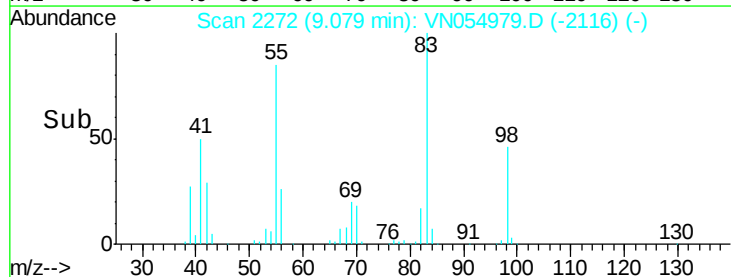
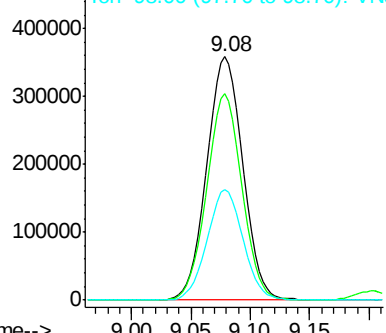


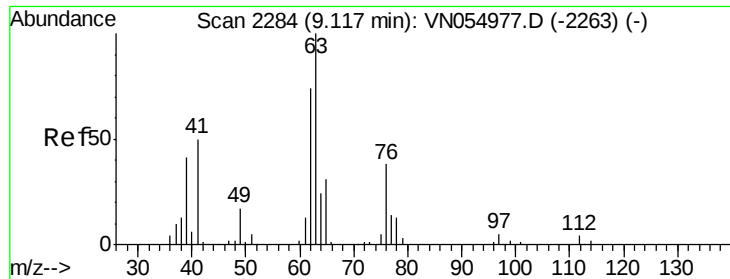
#38
 Methylcyclohexane
 Concen: 110.432 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion: 83 Resp: 752788
 Ion Ratio Lower Upper
 83 100
 55 82.9 41.9 125.6
 98 45.3 22.4 67.0



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





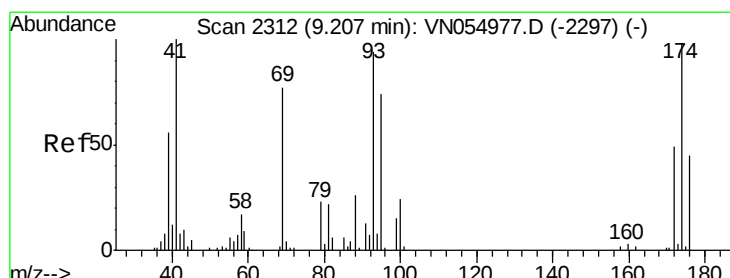
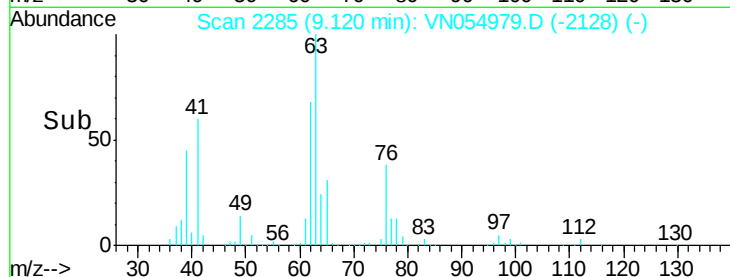
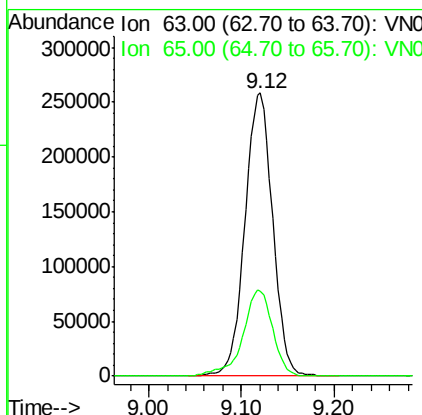
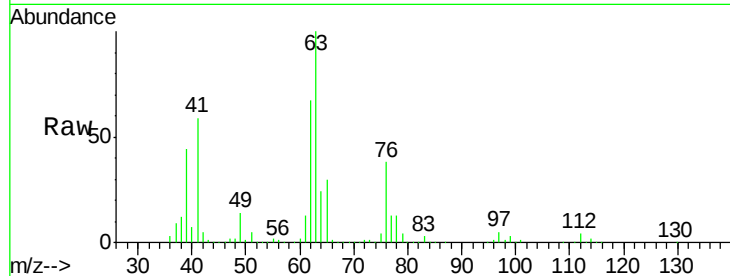
#39
 1,2-Dichloropropane
 Concen: 113.708 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 537363
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2

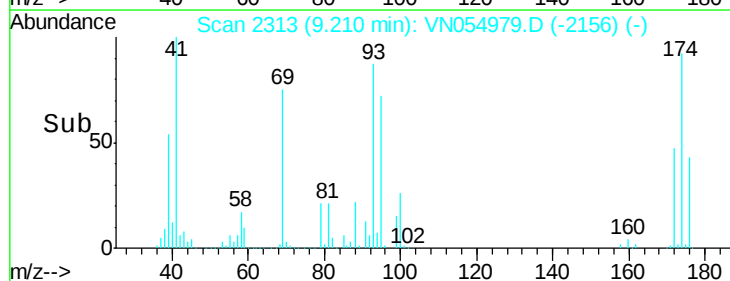
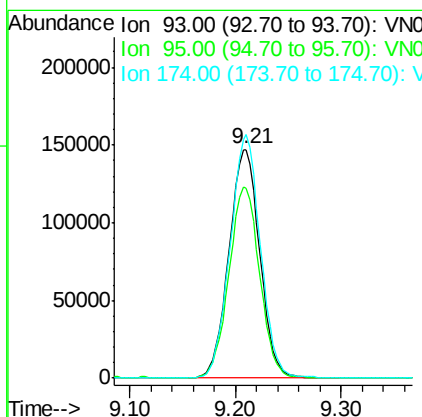
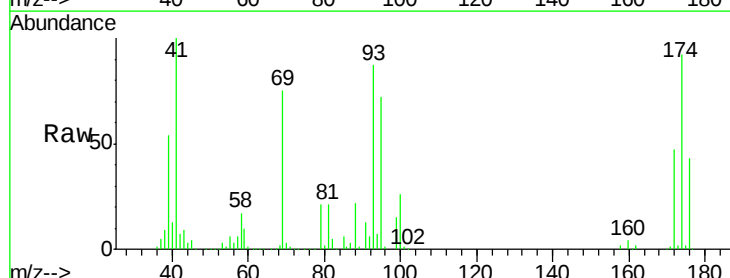
Manual Integrations
 APPROVED

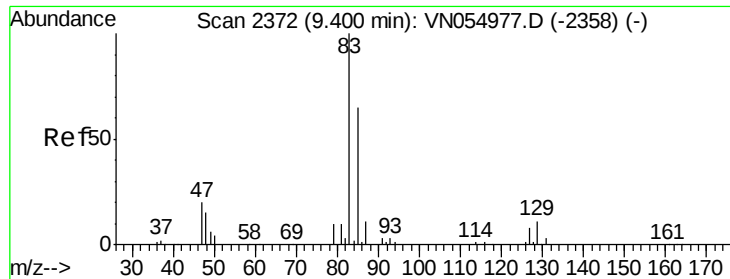
MMDadoda
 4/12/2019 1:41:17 PM



#40
 Dibromomethane
 Concen: 110.376 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion: 93 Resp: 298143
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 160.8
 174 104.5 0.0 206.4





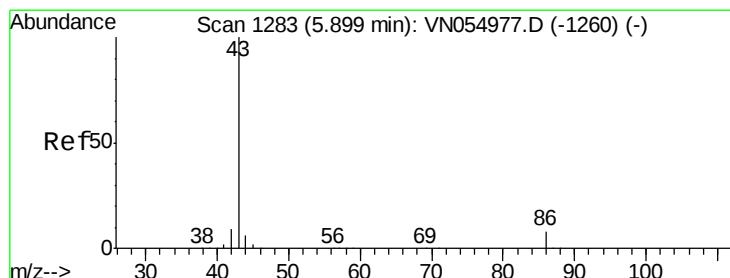
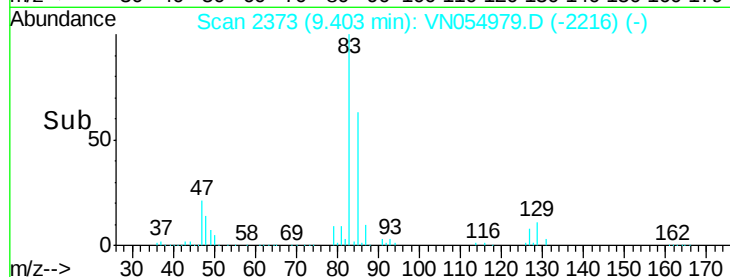
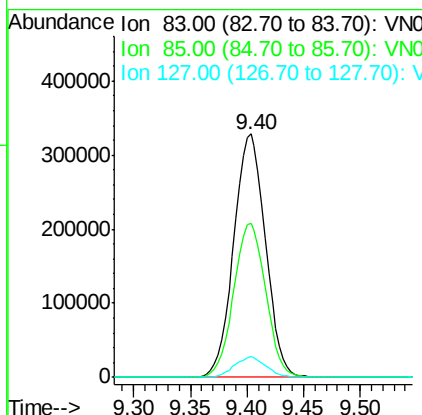
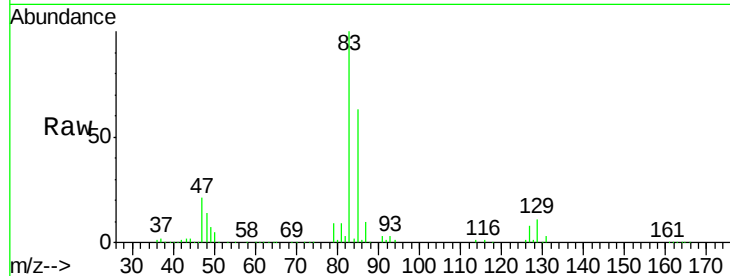
#41
Bromodichloromethane
Concen: 112.444 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	641233
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	52.0	78.0
127	8.5	7.2	10.8

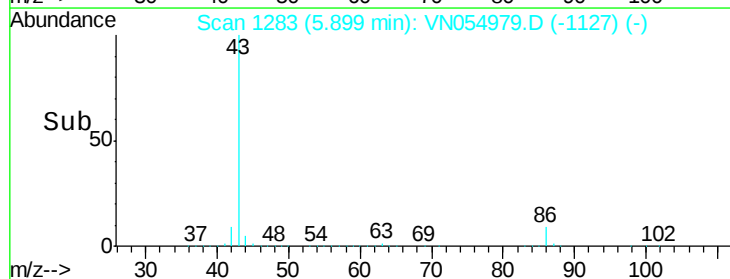
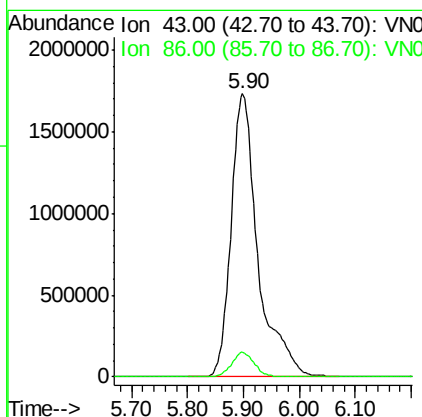
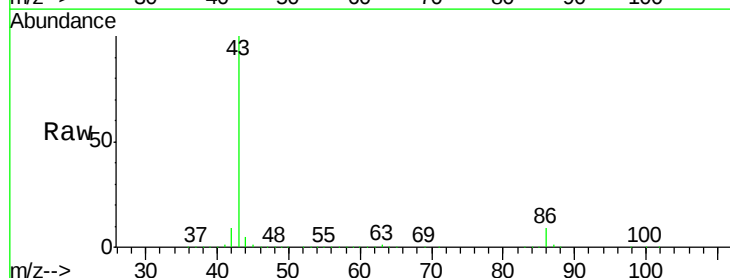
Manual Integrations
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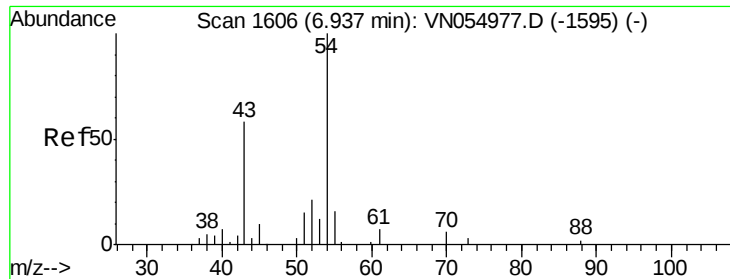
MMDadoda
4/12/2019 1:41:17 PM



#42
Vinyl Acetate
Concen: 622.923 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	43	Resp	5809783
Ion Ratio	100	Lower	Upper
43	100		
86	7.4	5.7	8.5





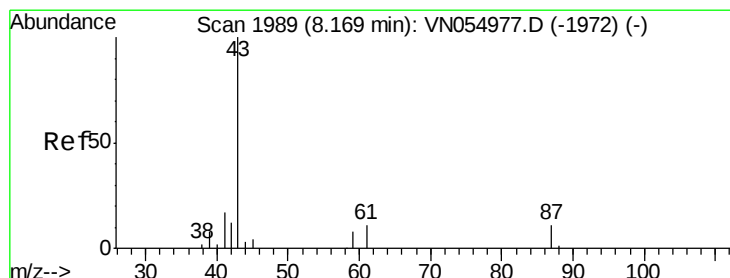
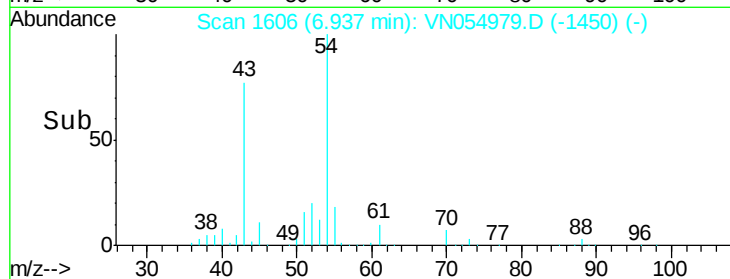
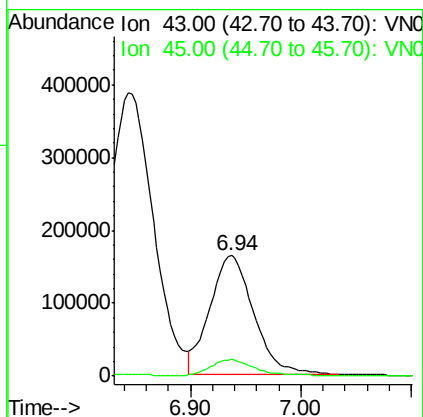
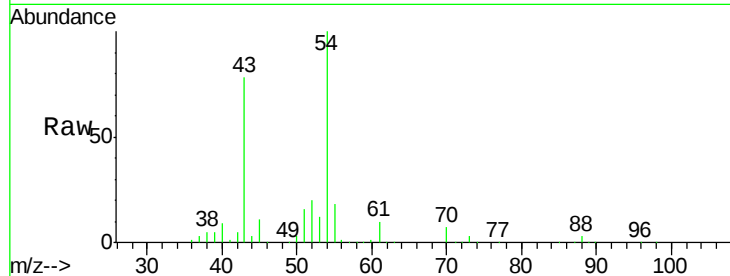
#43
Ethyl Acetate
Concen: 118.530 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 451152
Ion Ratio Lower Upper
43 100
45 14.6 10.6 15.8

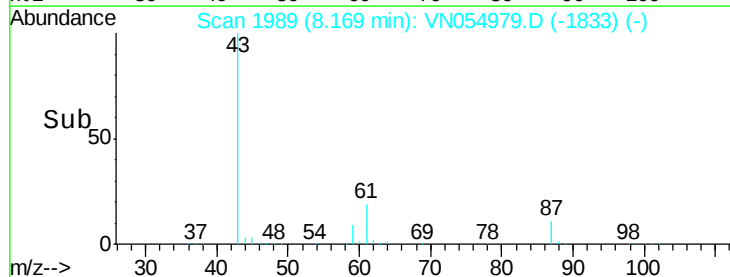
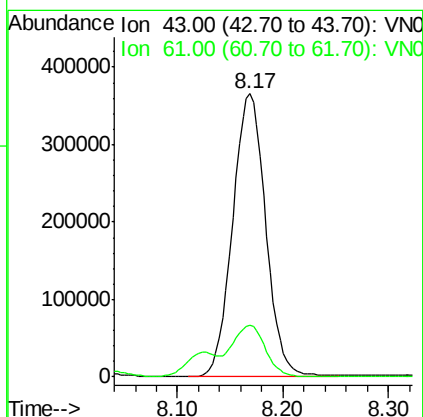
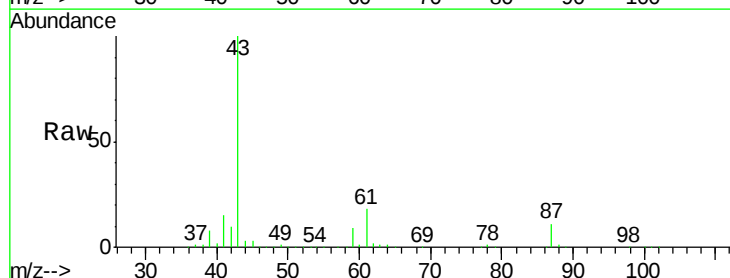
Manual Integrations
APPROVED

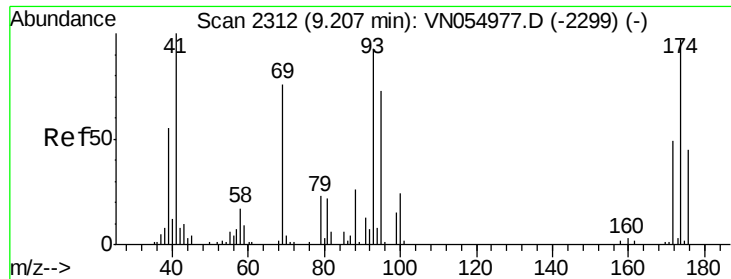
MMDadoda
4/12/2019 1:41:17 PM



#44
Isopropyl Acetate
Concen: 119.588 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion: 43 Resp: 793321
Ion Ratio Lower Upper
43 100
61 17.7 14.8 22.2





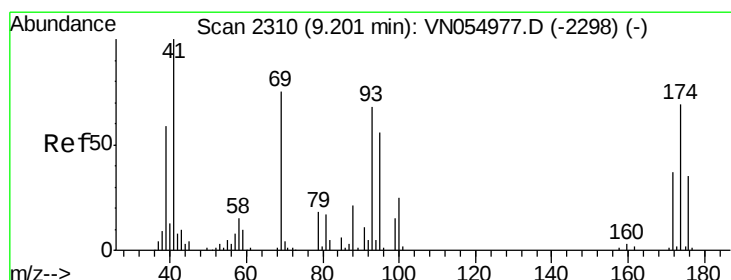
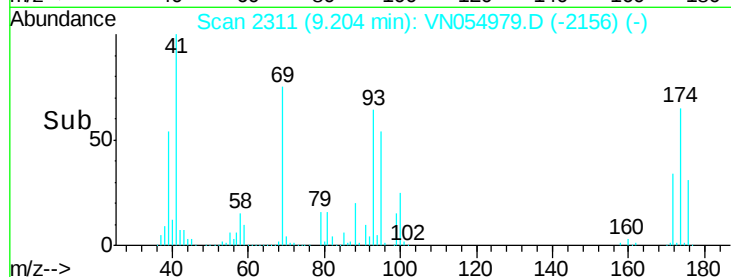
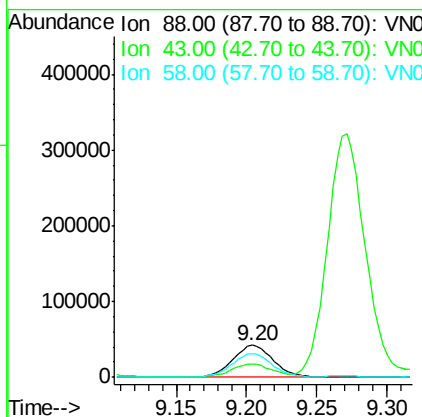
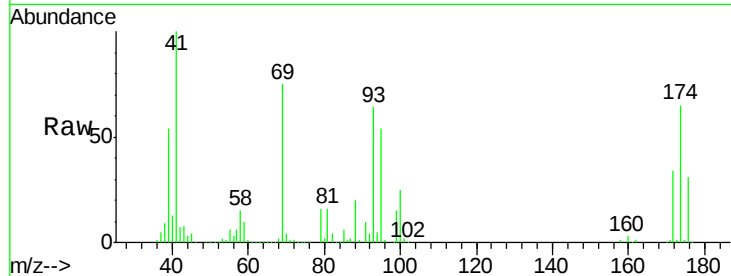
#45
1,4-Dioxane
Concen: 2451.472 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	86450
Ion Ratio	Lower	Upper	
88	100		
43	39.4	34.5	51.7
58	73.8	60.3	90.5

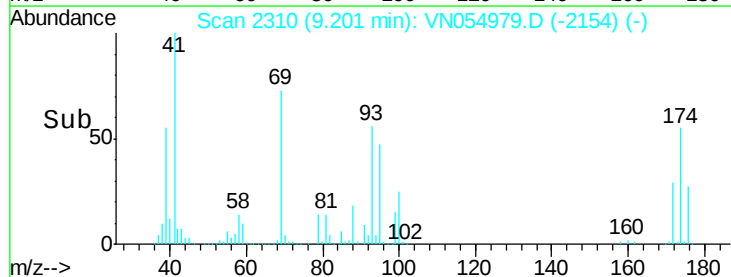
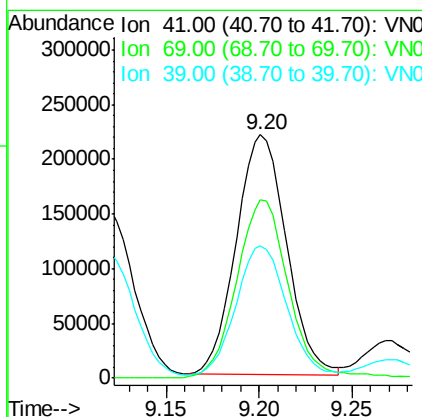
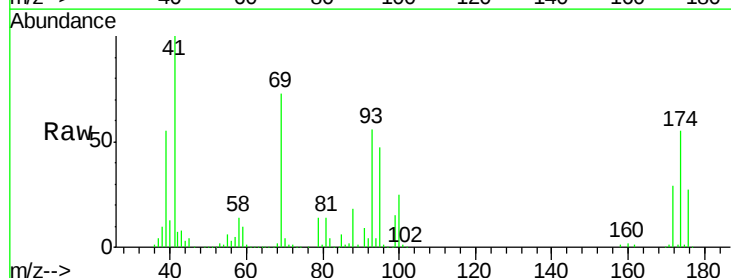
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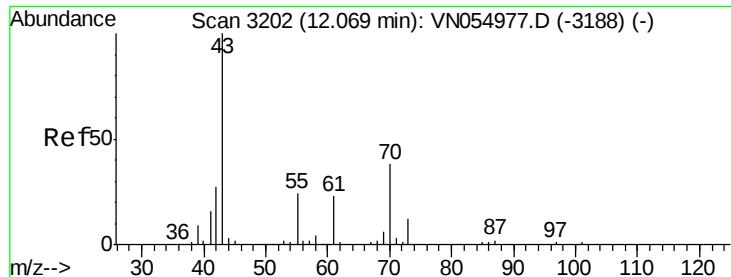
MMDadoda
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#46
Methyl methacrylate
Concen: 129.690 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	41	Resp	414031
Ion Ratio	Lower	Upper	
41	100		
69	73.9	37.3	111.9
39	54.2	29.4	88.2





#47

n-amvl Acetate

Concen: 131.683 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 630889

Ion Ratio Lower Upper

43 100

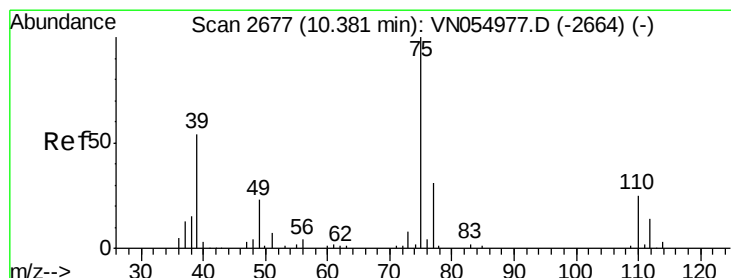
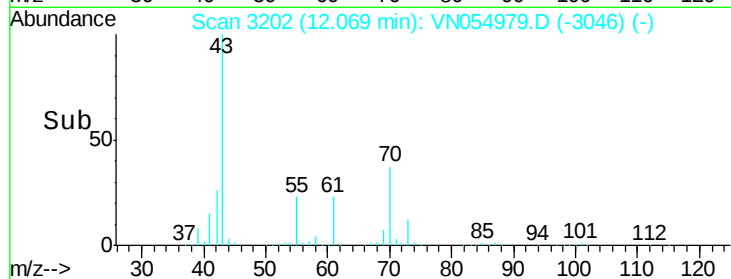
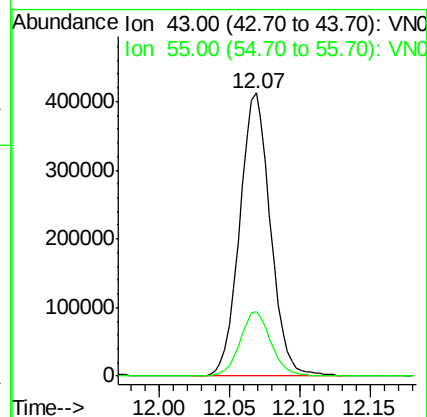
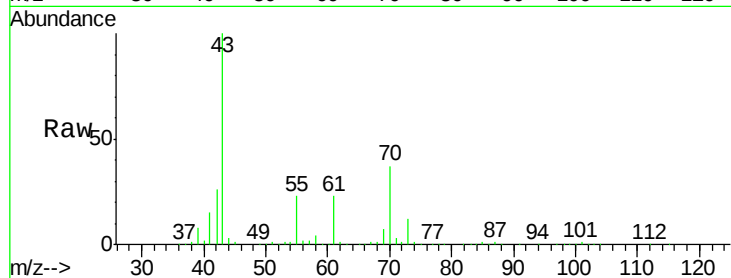
55 22.8 19.8 29.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 112.665 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054979.D

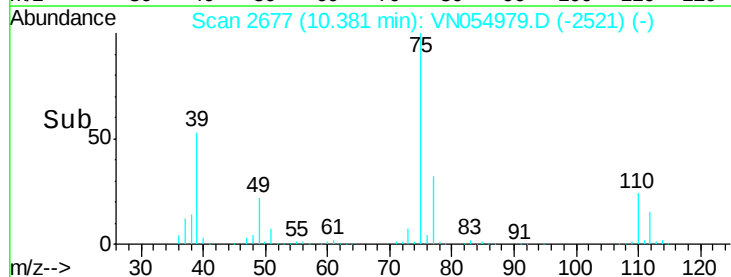
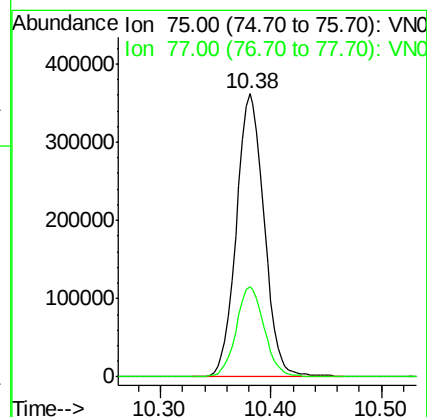
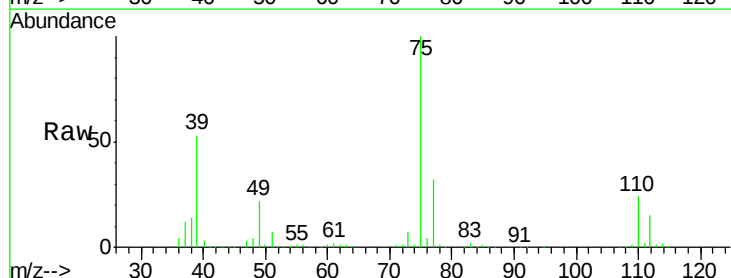
Acq: 11 Apr 2019 15:47

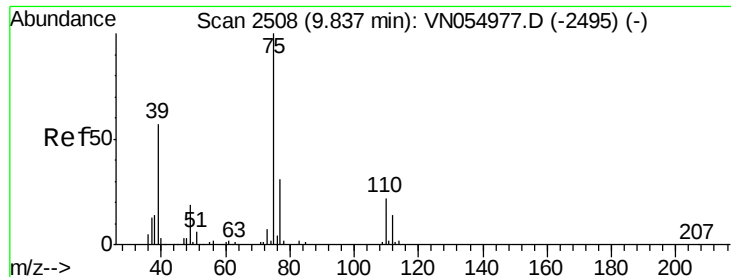
Tgt Ion: 75 Resp: 633032

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0





#49

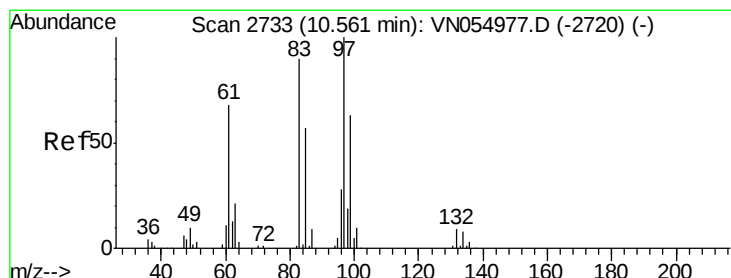
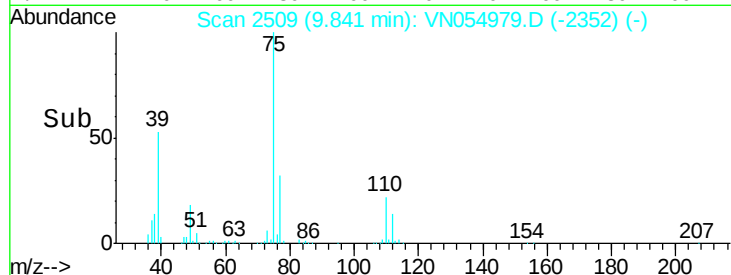
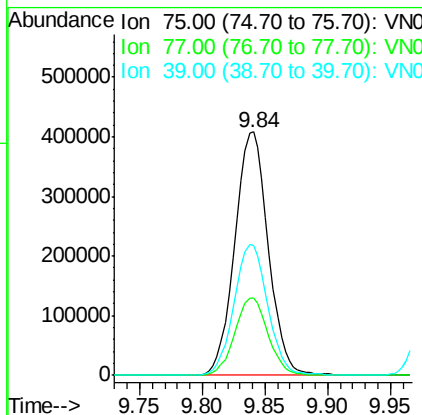
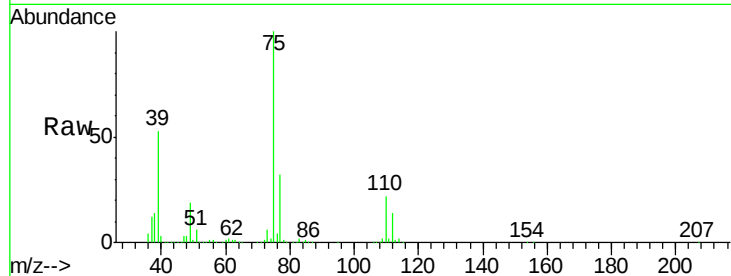
cis-1,3-Dichloropropene
 Concen: 113.785 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	53.4	45.3	67.9

Manual Integrations
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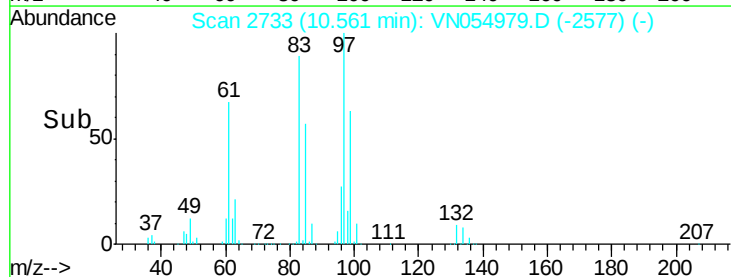
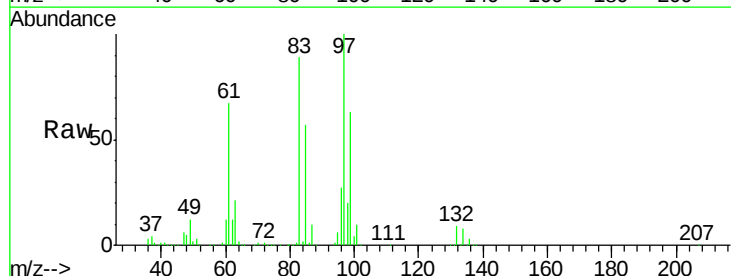
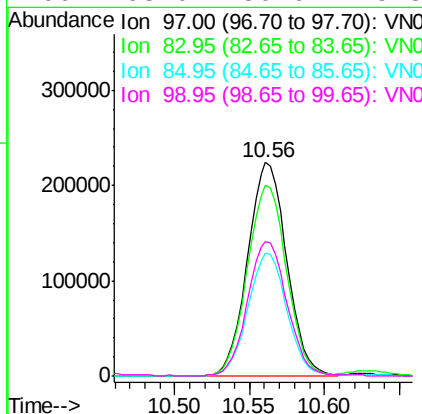
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 4/12/2019 1:41:17 PM

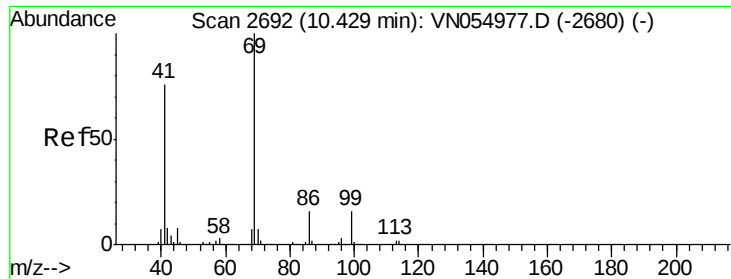


#50

1,1,2-Trichloroethane
 Concen: 107.944 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.1	108.1
85	57.4	45.4	68.0
99	63.0	50.6	75.8





#51

Ethyl methacrylate

Concen: 117.940 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

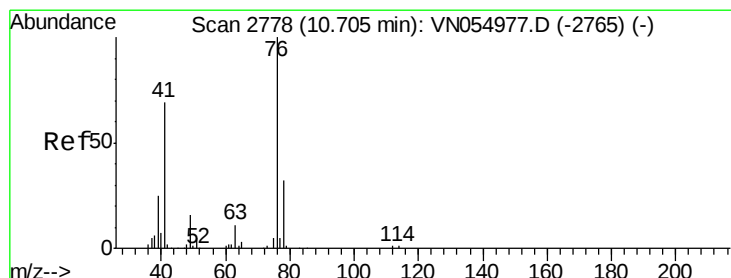
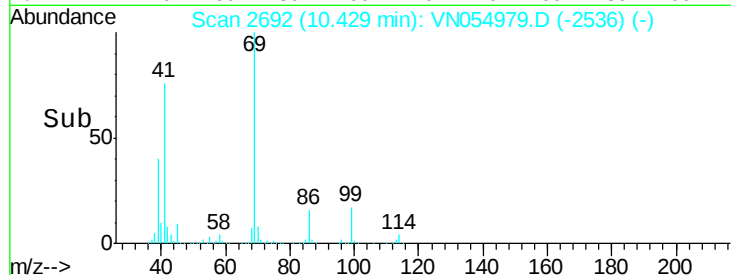
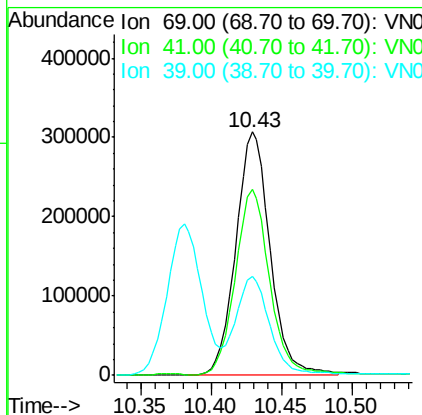
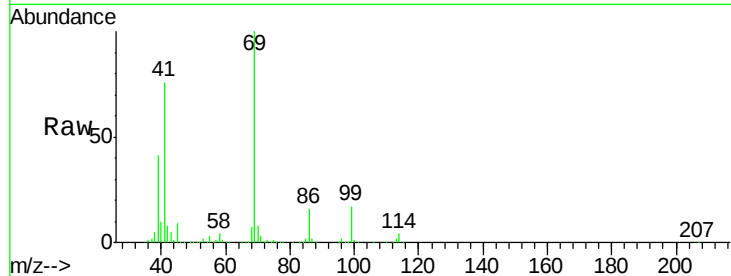
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	523900
Ion	Ratio	Lower	Upper
69	100		
41	76.0	37.9	113.7
39	39.8	19.8	59.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 113.554 ug/l

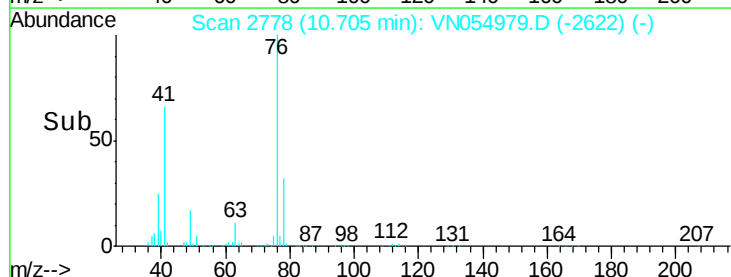
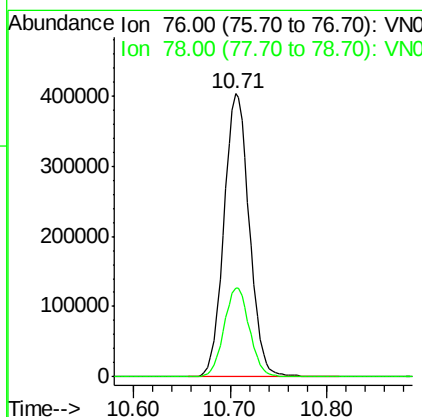
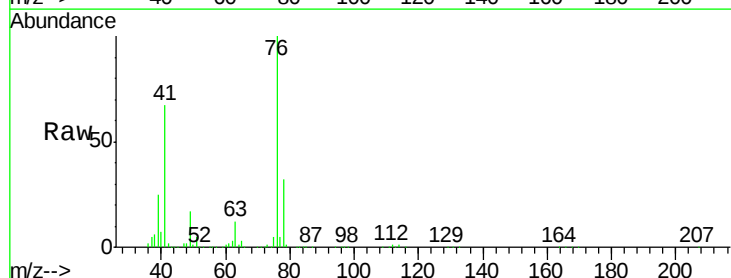
RT: 10.71 min Scan# 2778

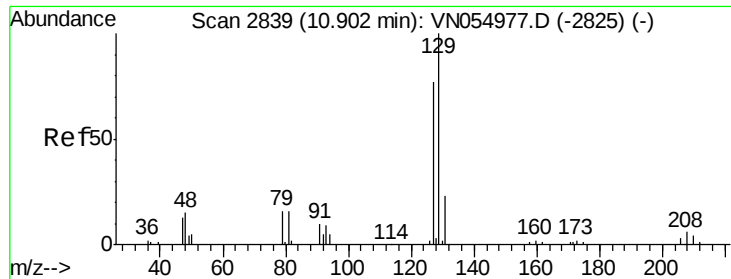
Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion:	76	Resp:	733652
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	64.4





#53

Dibromochloromethane

Concen: 109.788 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:129 Resp: 449725

Ion Ratio Lower Upper

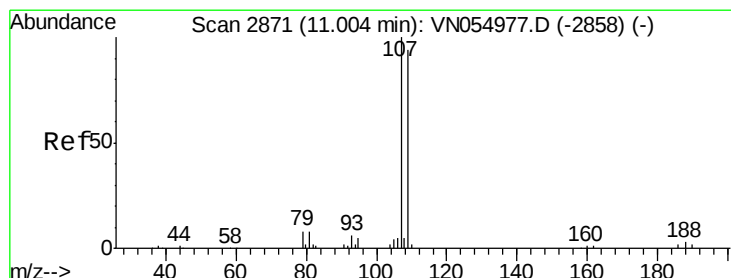
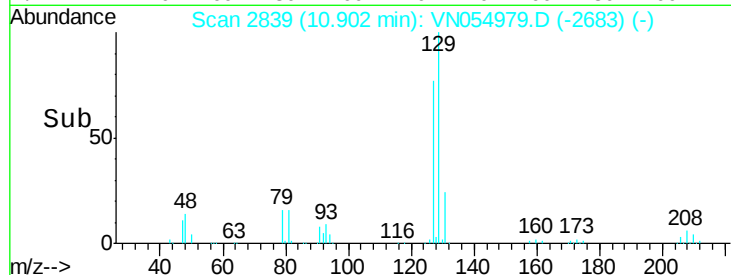
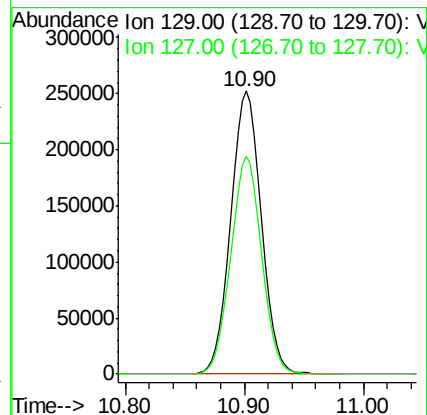
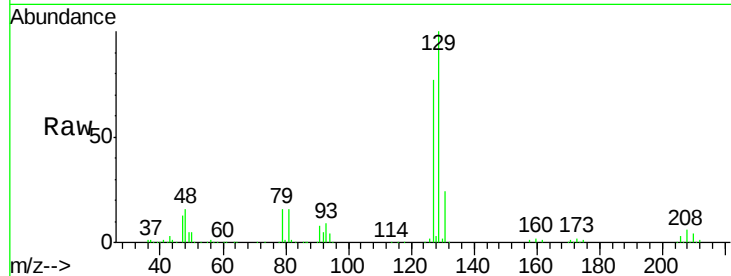
129 100

127 77.7 37.8 113.3

Manual Integrations
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#54

1,2-Dibromoethane

Concen: 112.775 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054979.D

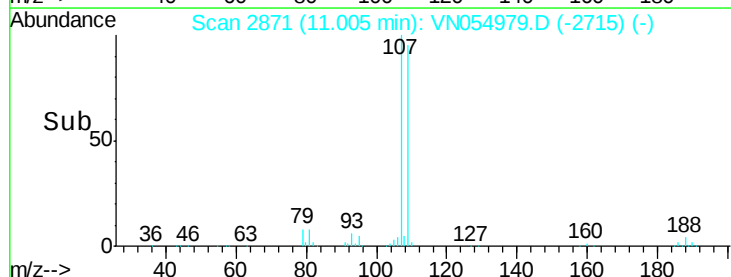
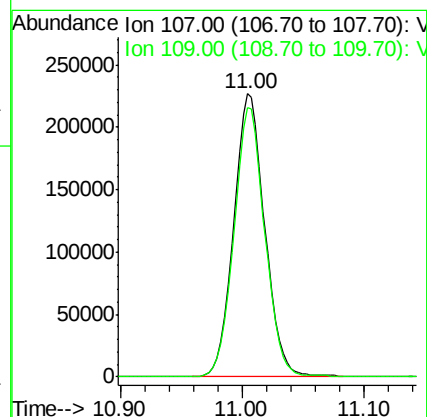
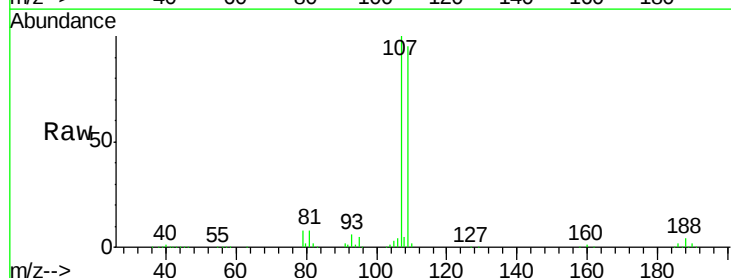
Acq: 11 Apr 2019 15:47

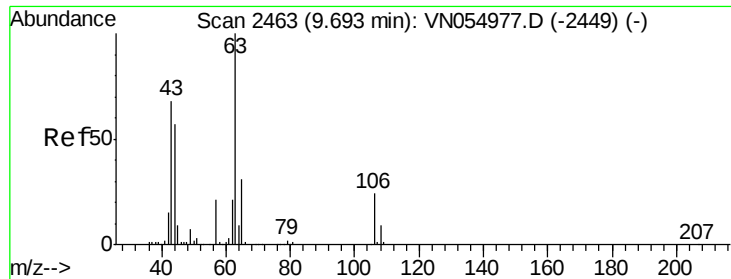
Tgt Ion:107 Resp: 400989

Ion Ratio Lower Upper

107 100

109 94.2 76.2 114.2





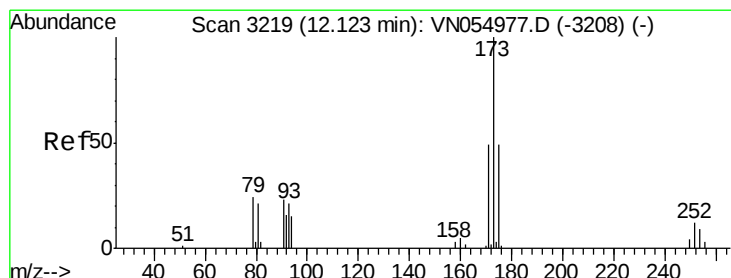
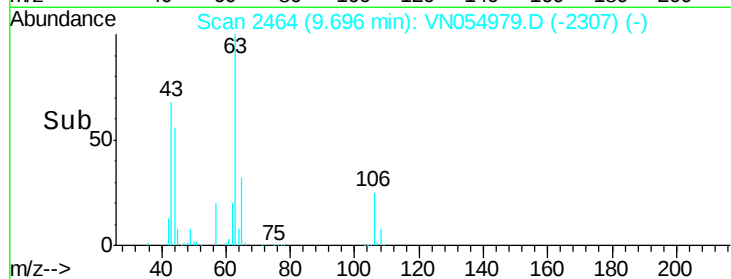
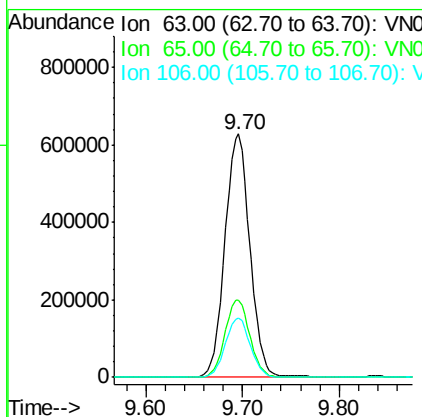
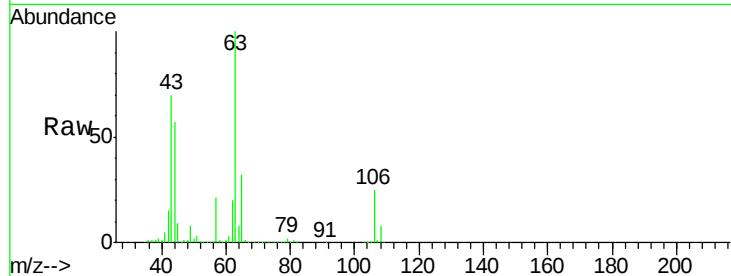
#55
 2-Chloroethyl vinyl ether
 Concen: 551.876 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 1127307
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.4 38.0
 106 24.3 19.8 29.6

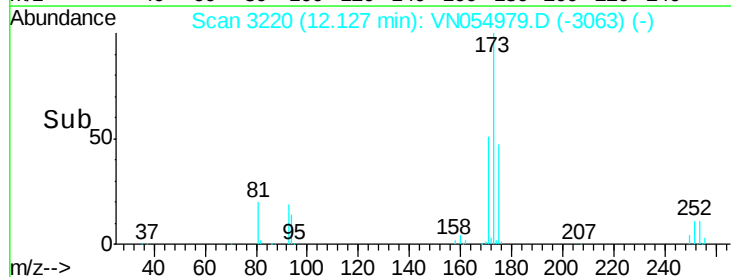
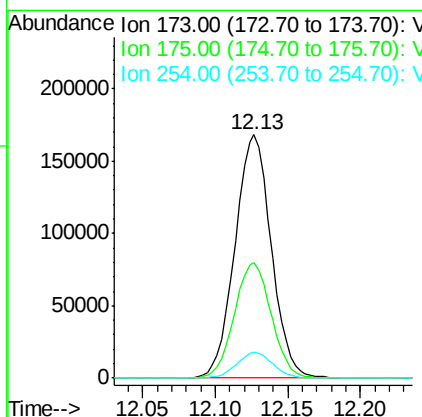
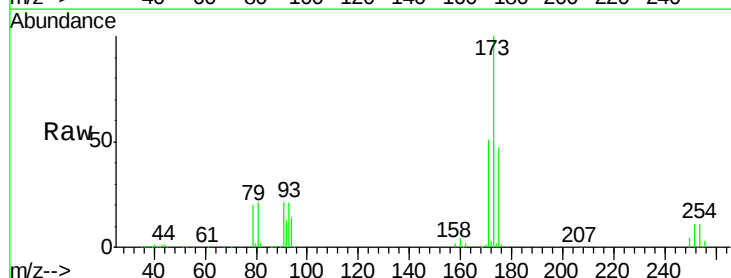
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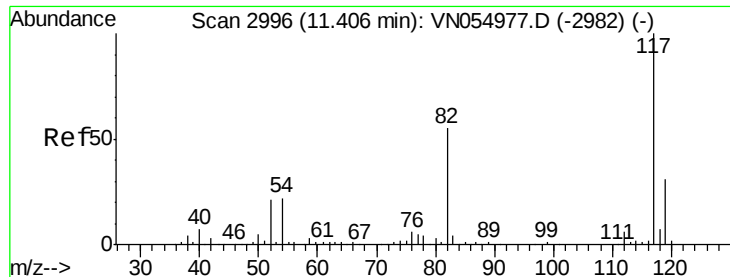
MMDadoda
 4/12/2019 1:41:17 PM



#56
 Bromoform
 Concen: 108.689 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion: 173 Resp: 292609
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.6 57.8
 254 10.5 6.8 10.2#





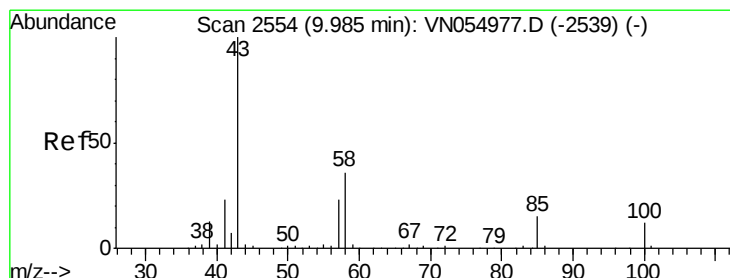
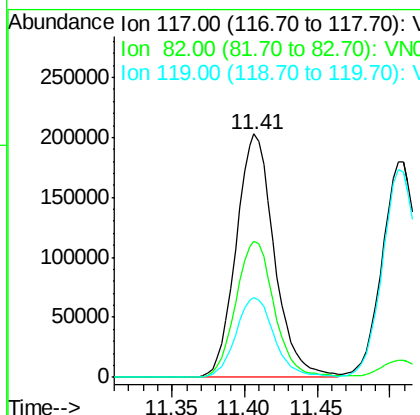
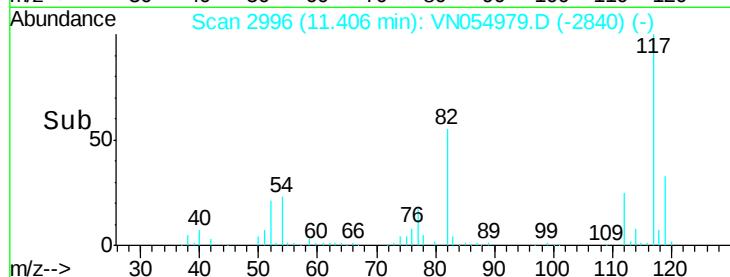
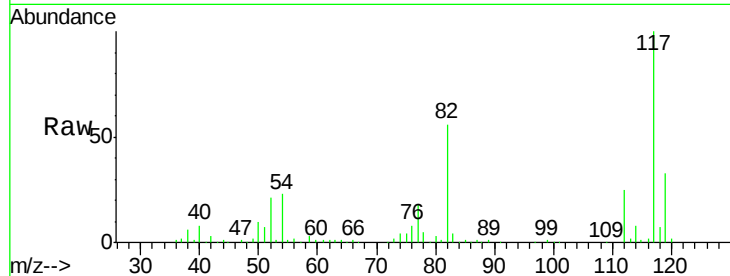
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampled :
VSTDICC100

Tot Ion:117 Resp: 371435
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.9 25.4 38.2

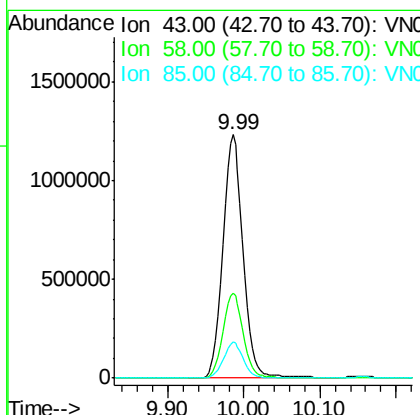
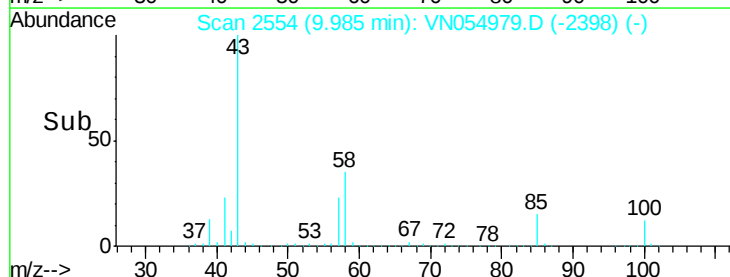
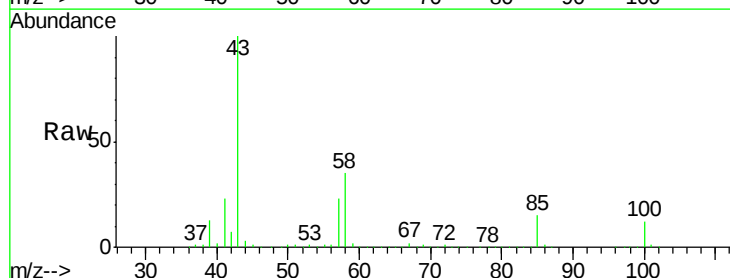
Manual Integrations
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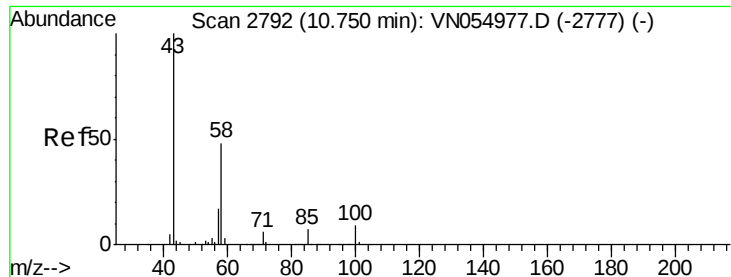
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 628.496 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion: 43 Resp: 2276219
Ion Ratio Lower Upper
43 100
58 35.1 28.7 43.1
85 14.5 11.8 17.6





#59

2-Hexanone

Concen: 612.509 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1449836

Ion Ratio Lower Upper

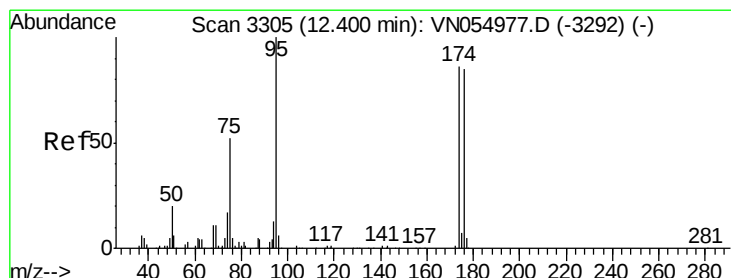
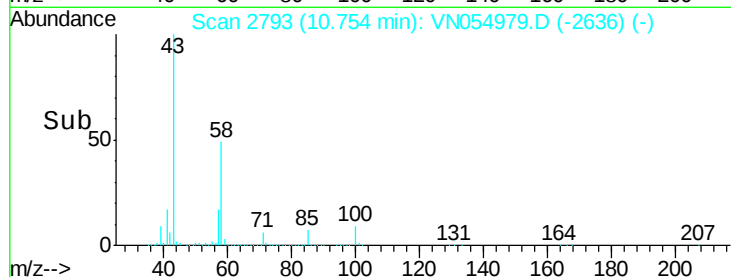
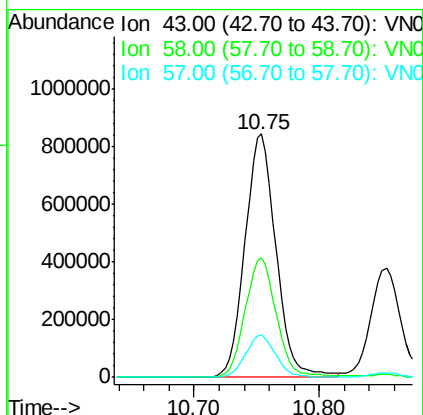
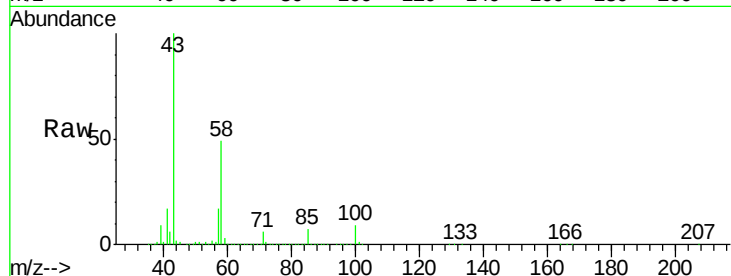
43 100

58 50.0 38.8 58.2

57 17.2 13.8 20.6

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#60

4-Bromofluorobenzene

Concen: 612.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

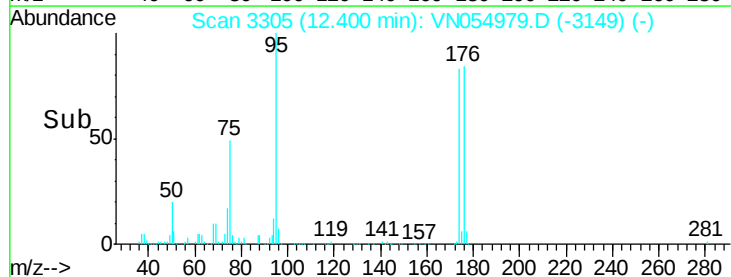
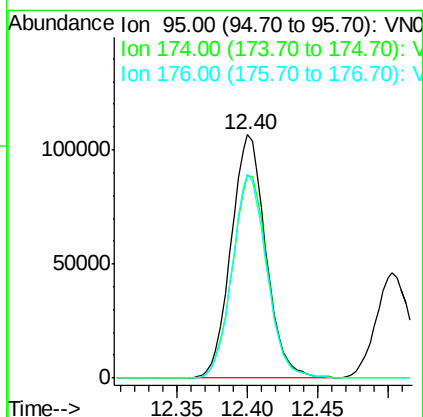
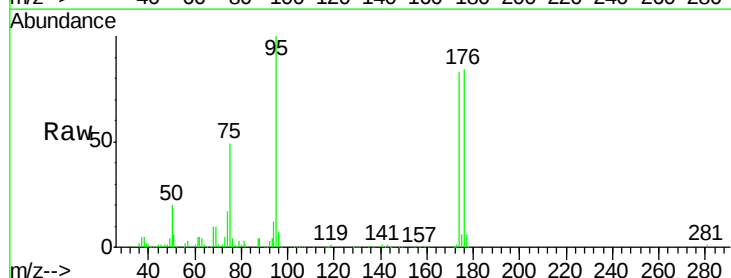
Tgt Ion: 95 Resp: 184196

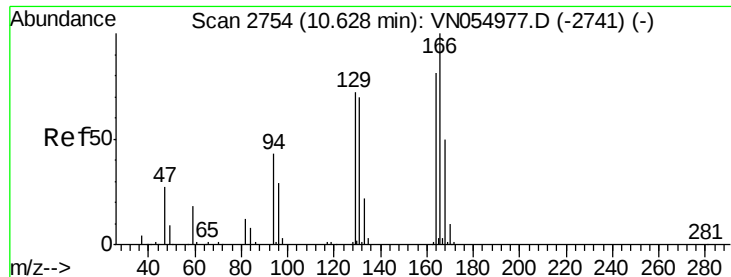
Ion Ratio Lower Upper

95 100

174 84.6 69.4 104.2

176 82.8 67.4 101.2





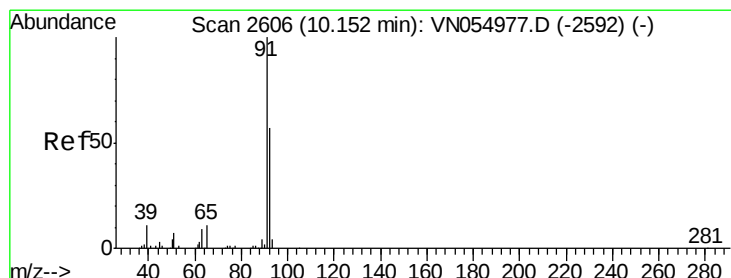
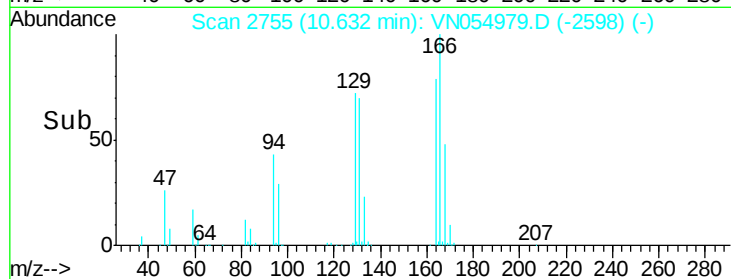
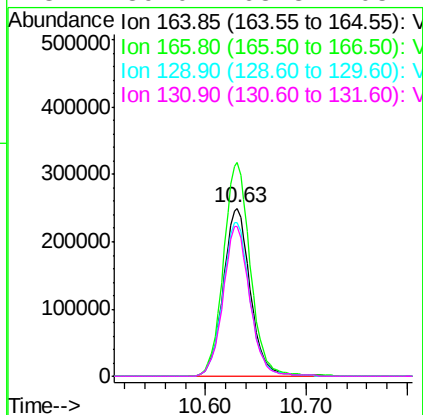
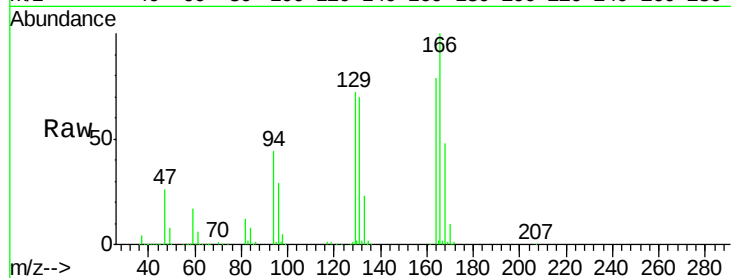
#61
Tetrachloroethene
Concen: 101.957 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.0	99.0	148.4
129	91.7	71.4	107.0
131	89.0	68.8	103.2

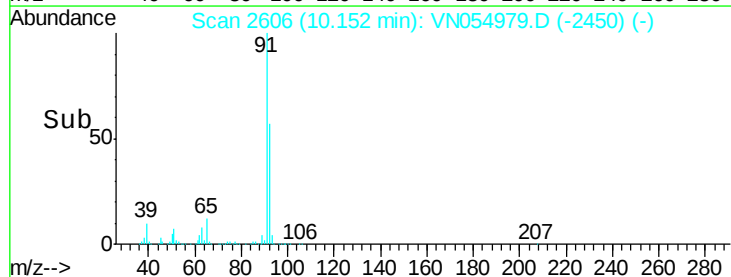
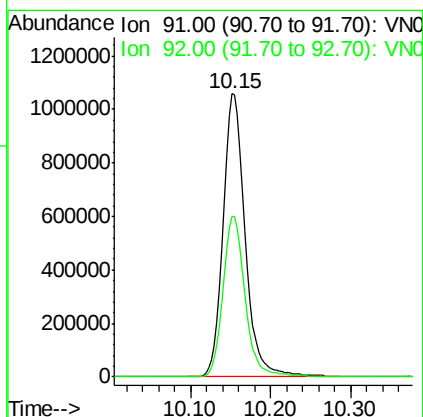
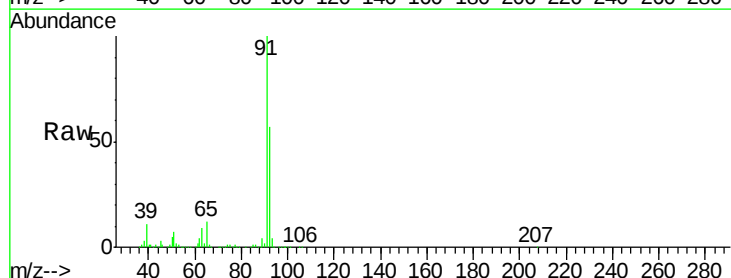
Manual Integrations
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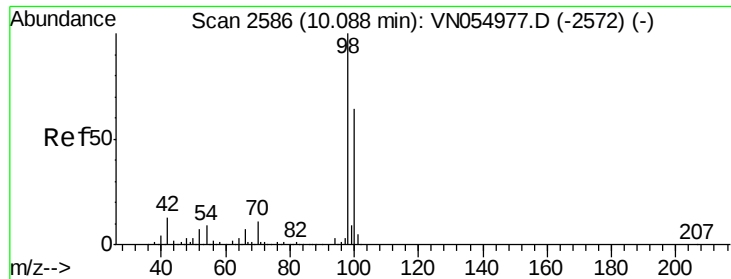
MMDadoda
4/12/2019 1:41:17 PM



#62
Toluene
Concen: 111.415 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.9	44.8	67.2





#63

Toluene-d8

Concen: 111.415 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 98 Resp: 525266

Ion Ratio Lower Upper

98 100

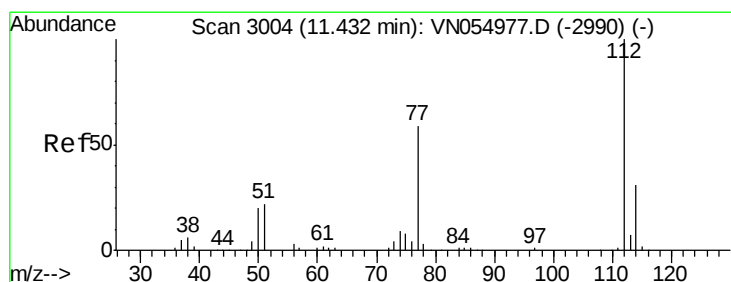
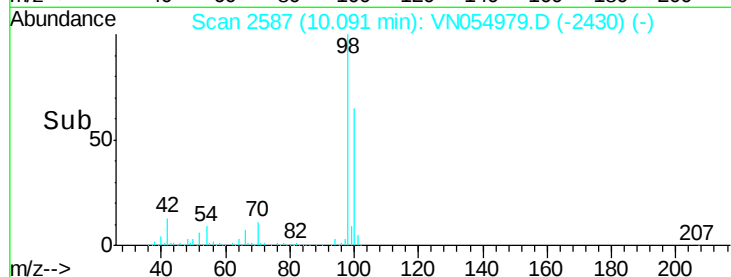
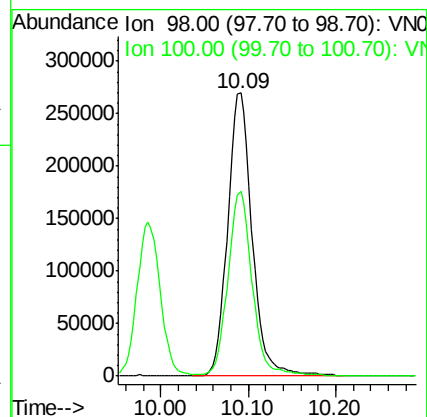
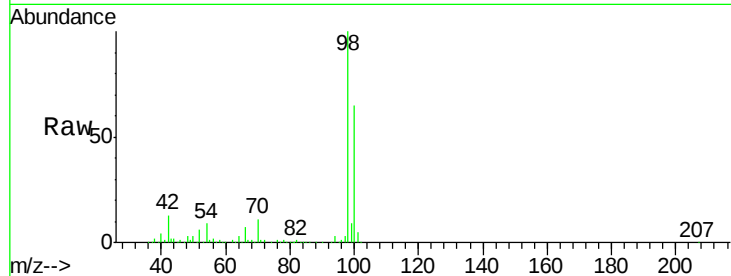
100 64.7 51.1 76.7

Manual Integrations

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#64

Chlorobenzene

Concen: 111.619 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054979.D

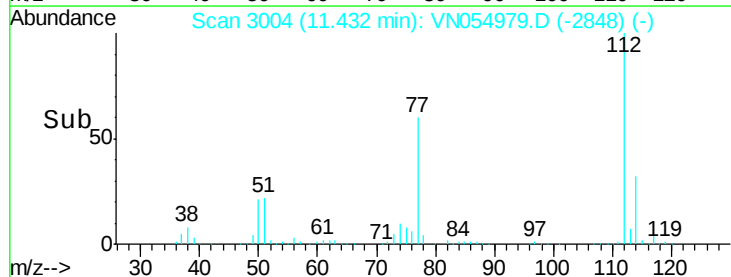
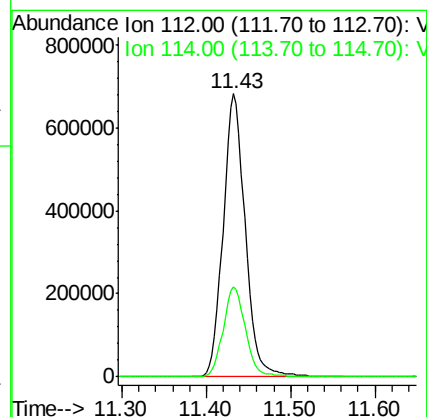
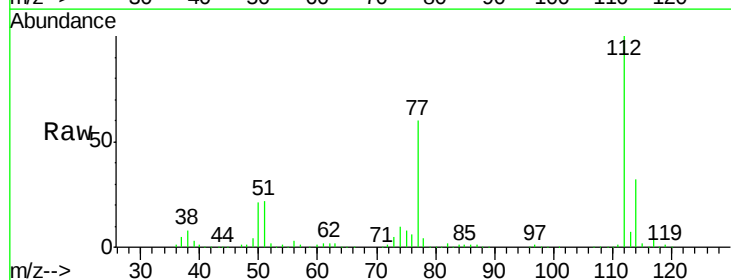
Acq: 11 Apr 2019 15:47

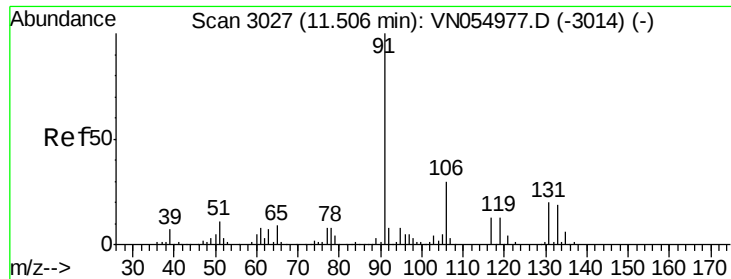
Tgt Ion: 112 Resp: 1240774

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 111.715 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

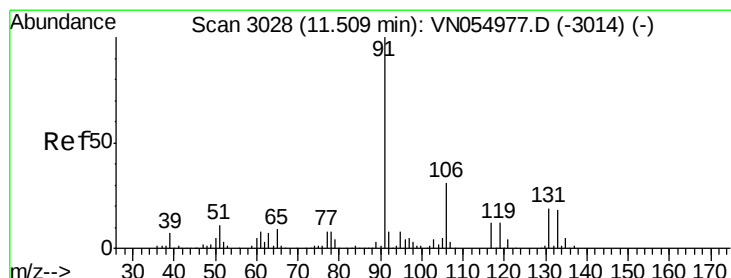
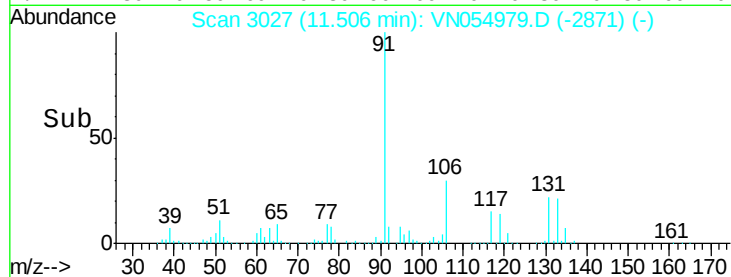
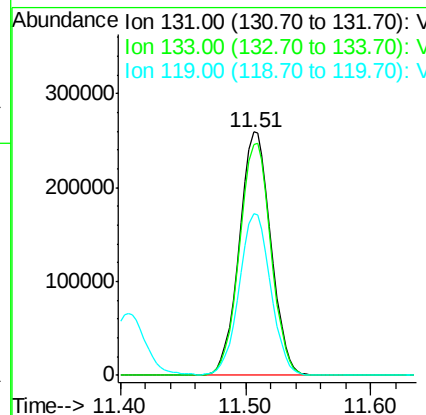
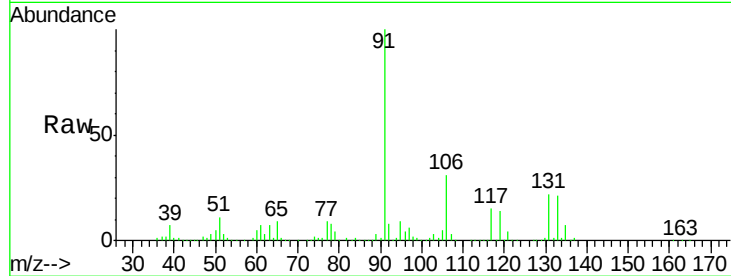
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	453293		
133	95.2	0.0	187.8	
119	66.2	0.0	131.4	

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#66

Ethyl Benzene

Concen: 116.360 ug/l

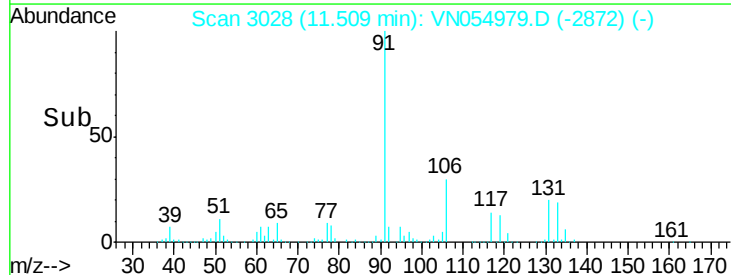
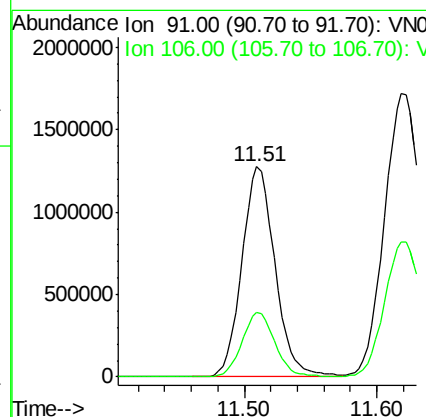
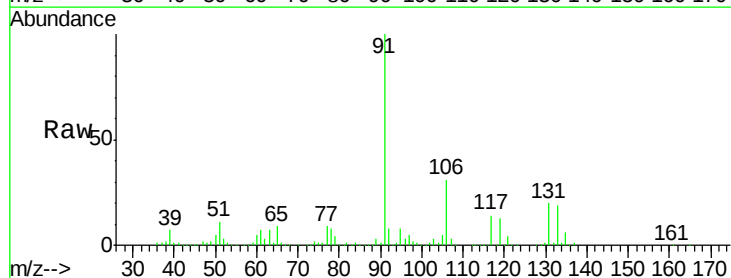
RT: 11.51 min Scan# 3028

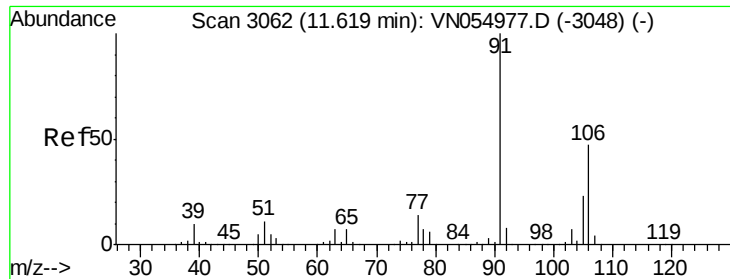
Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2215735		
106	30.7	24.6	36.8	





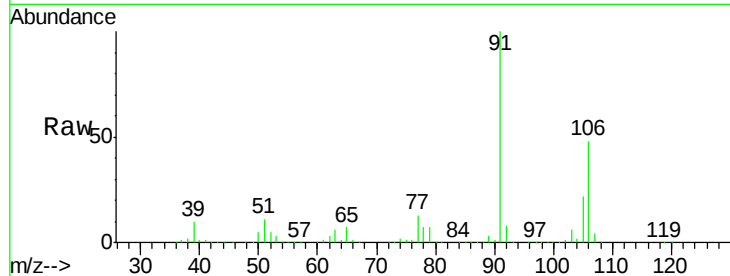
#67
m/p-Xvlenes
Concen: 232.246 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

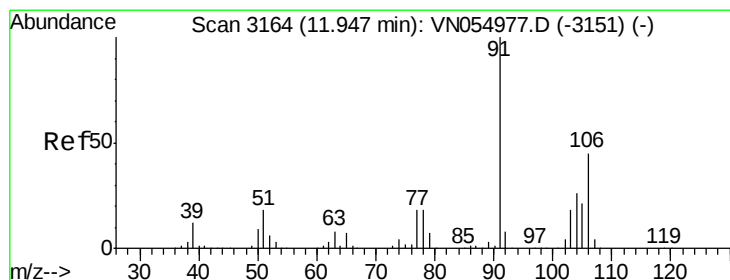
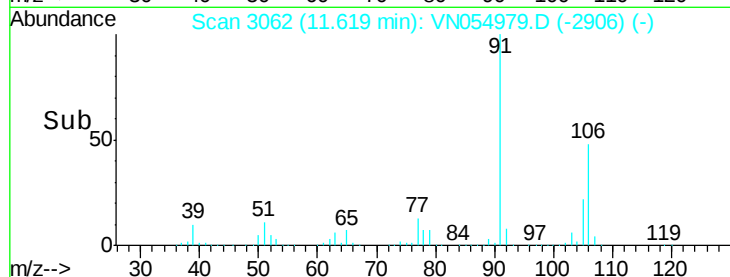
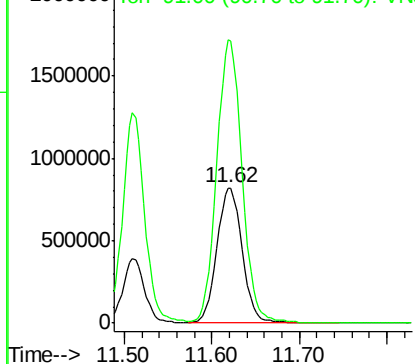
Tot Ion:106 Resp: 1657368
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.2

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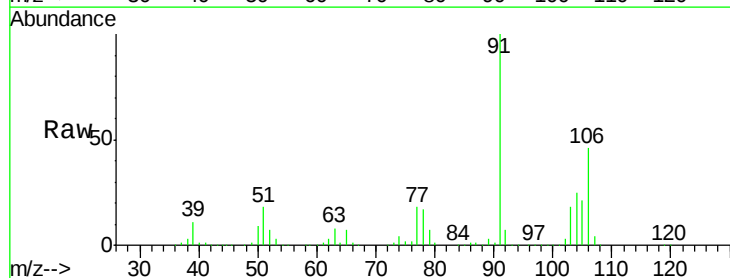


Abundance Ion 106.00 (105.70 to 106.70): V
2000000 Ion 91.00 (90.70 to 91.70): VN

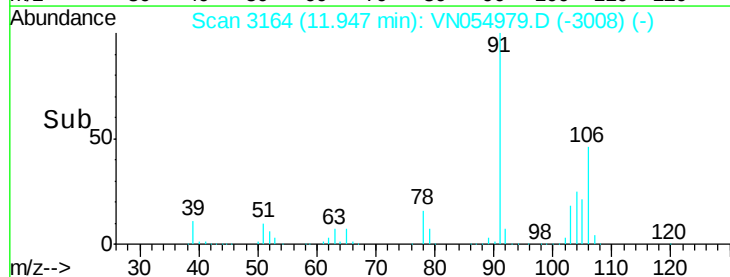
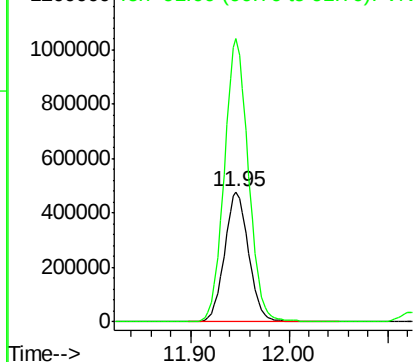


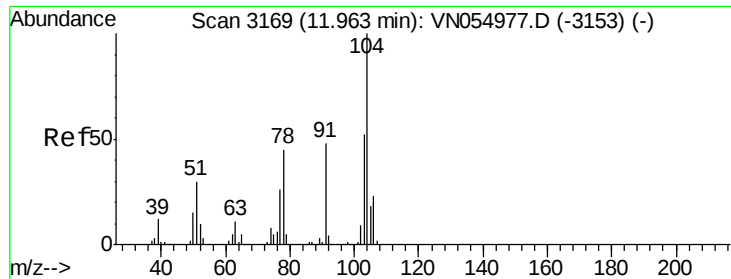
#68
o-Xylene
Concen: 118.231 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion:106 Resp: 821051
Ion Ratio Lower Upper
106 100
91 217.7 110.3 330.8



Abundance Ion 106.00 (105.70 to 106.70): V
1200000 Ion 91.00 (90.70 to 91.70): VN





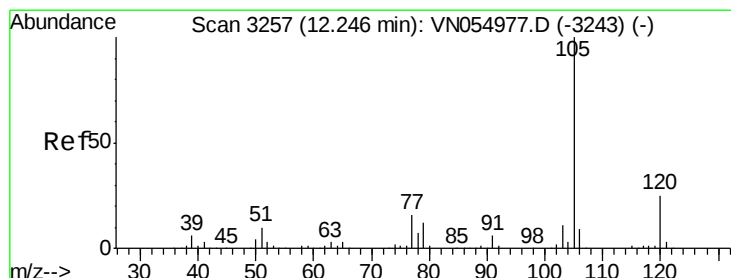
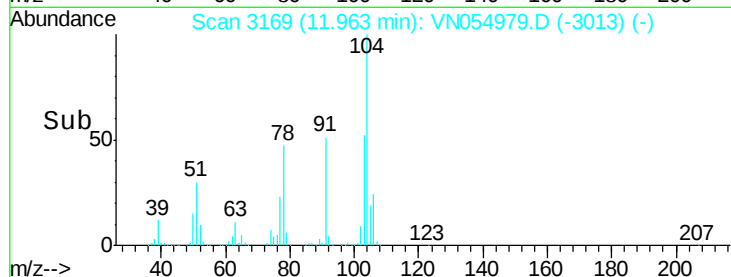
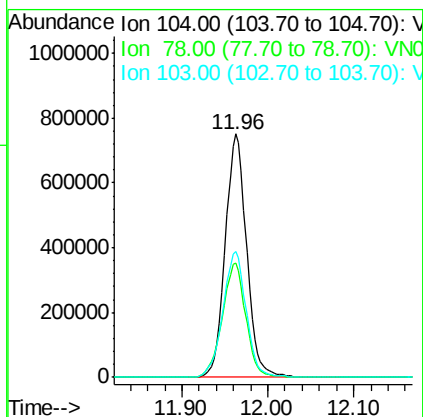
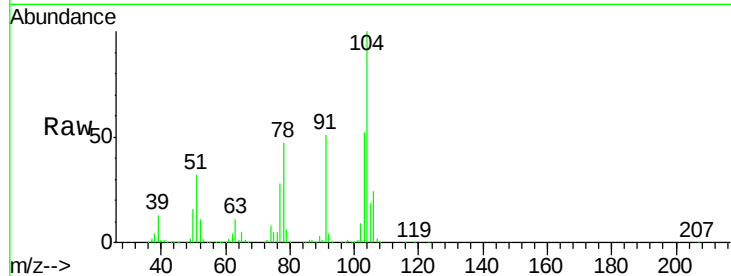
#69
Stvrene
Concen: 119.566 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	56.3	44.6	67.0

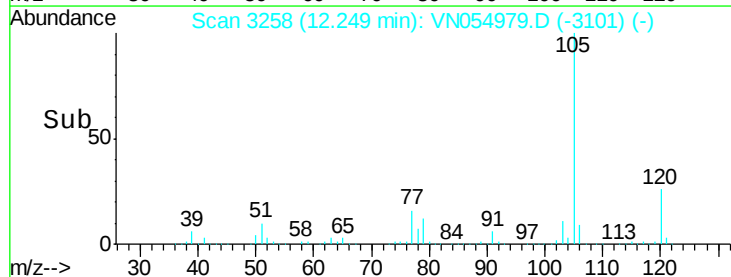
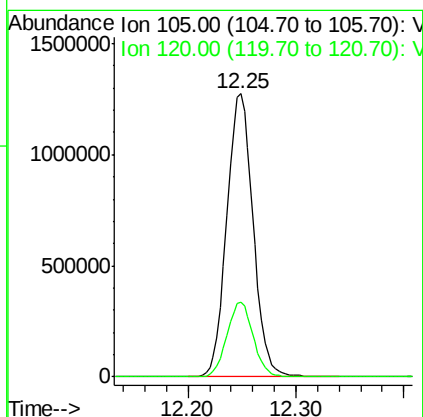
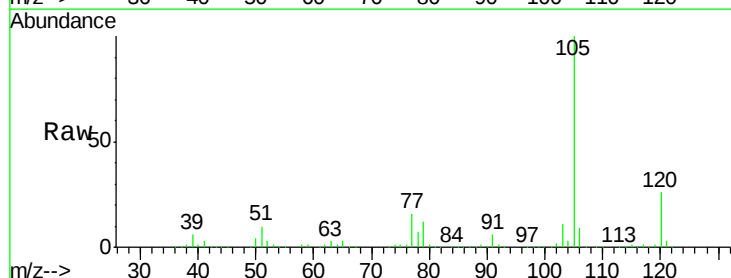
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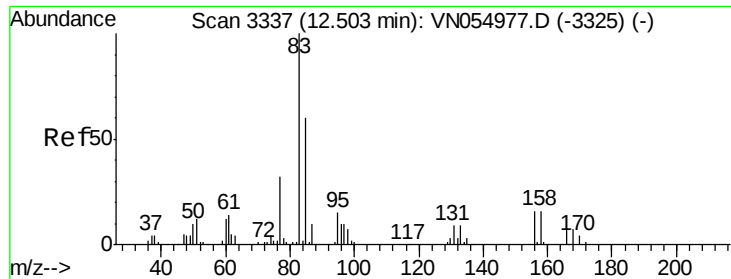
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#70
Isopropylbenzene
Concen: 118.860 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.3	33.9





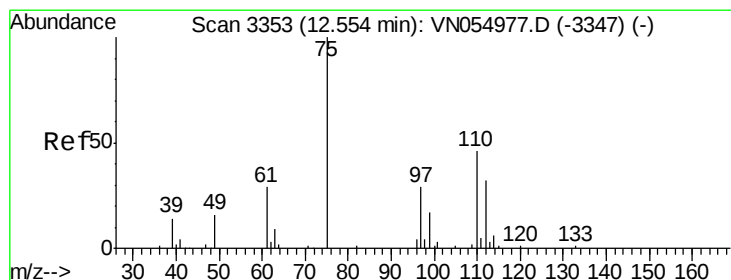
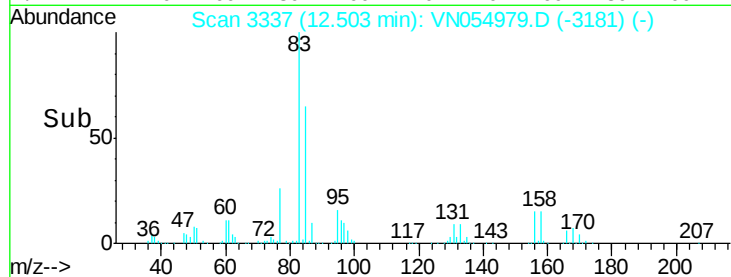
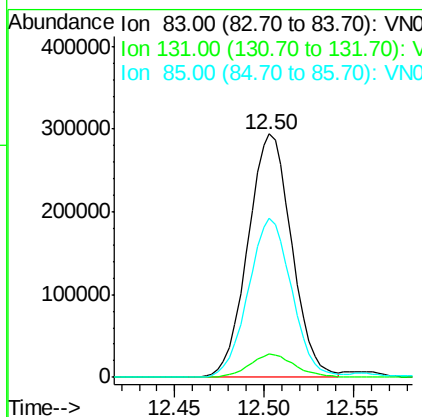
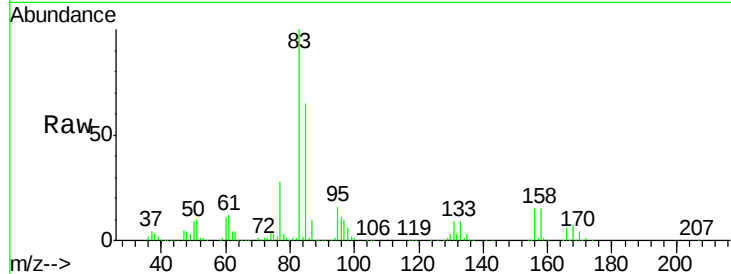
#71
 1,1,2,2-Tetrachloroethane
 Concen: 112.787 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	503911		
131	9.9	4.6	13.8	
85	64.7	30.9	92.5	

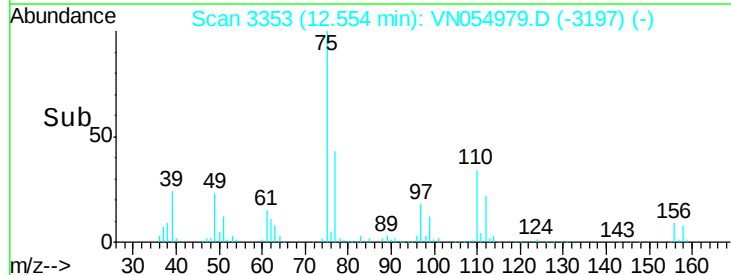
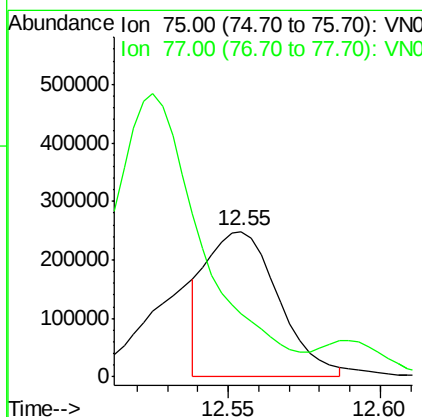
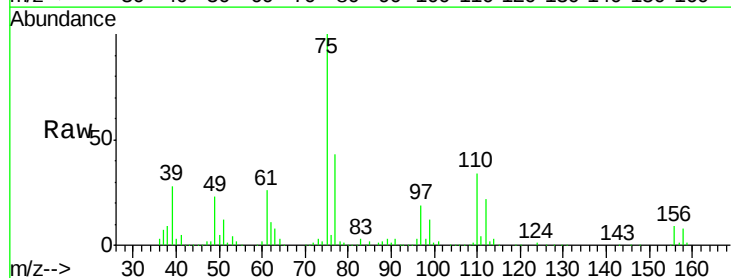
Manual Integrations
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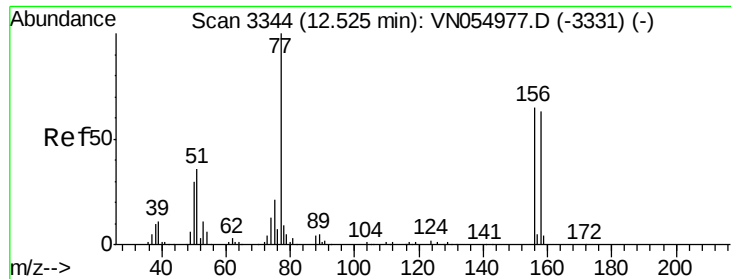
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#72
 1,2,3-Trichloropropane
 Concen: 119.838 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	409002		
77	244.5	0.0	466.6	





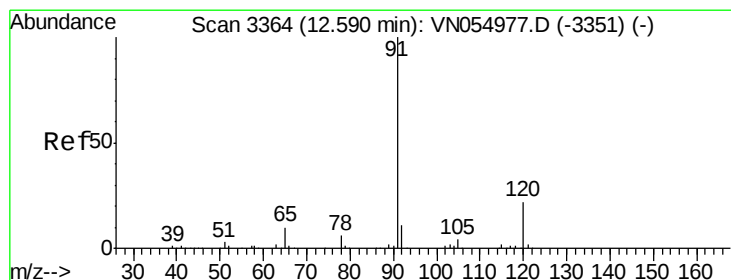
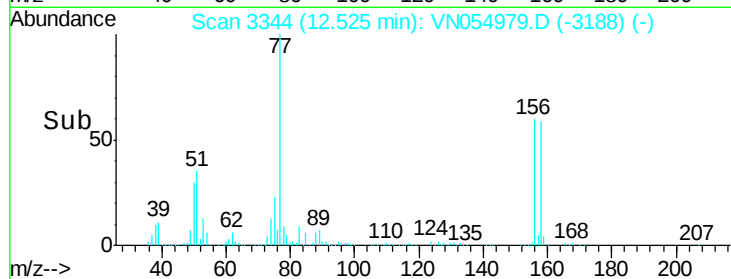
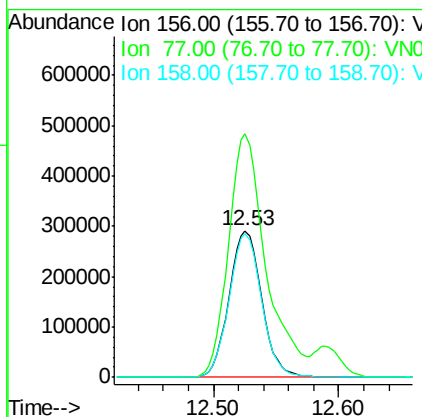
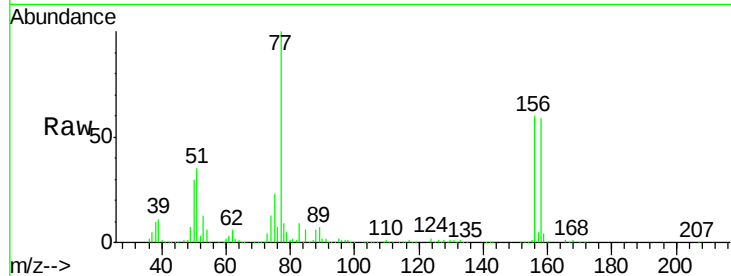
#73
Bromobenzene
Concen: 115.459 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		527581		
77	189.6	0.0	383.2		
158	97.4	0.0	193.8		

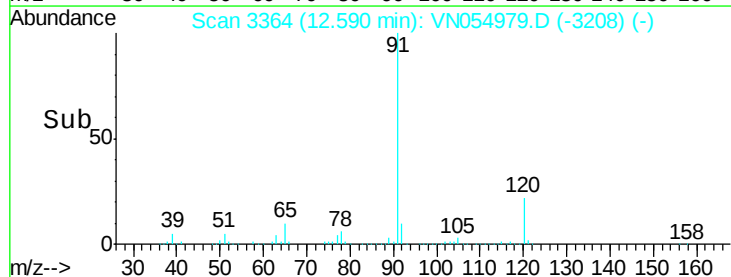
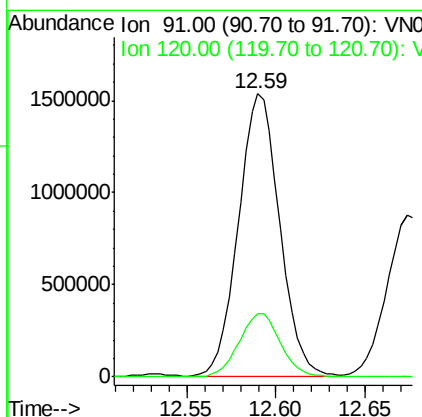
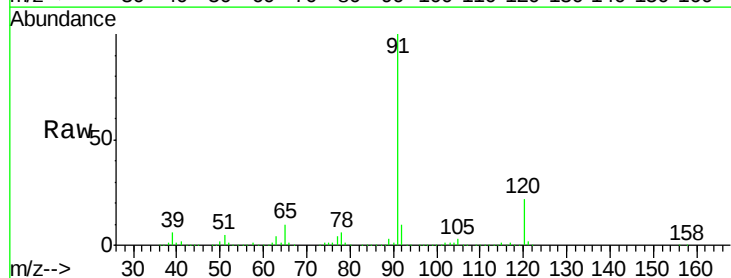
Manual Integrations
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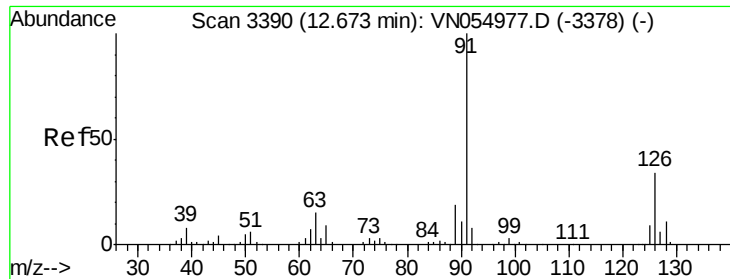
MMDadoda
4/12/2019 1:41:17 PM



#74
n-propylbenzene
Concen: 115.379 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		2492034		
120	22.4	0.0	44.4		





#75

2-Chlorotoluene

Concen: 116.723 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1481659

Ion Ratio Lower Upper

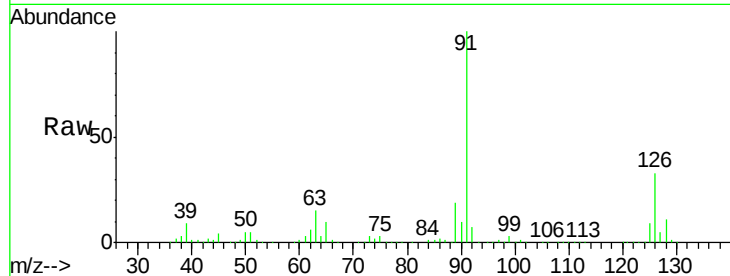
91 100

126 33.8 0.0 67.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN054977.D (-3378) (-)

1200000

1000000

800000

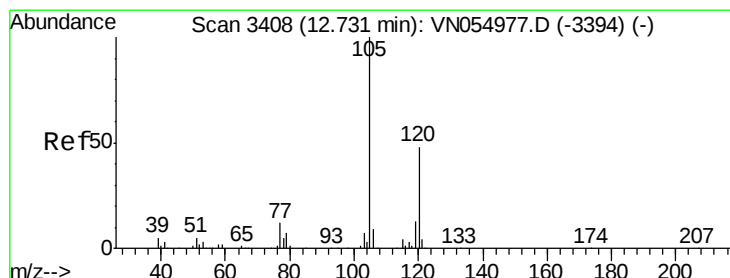
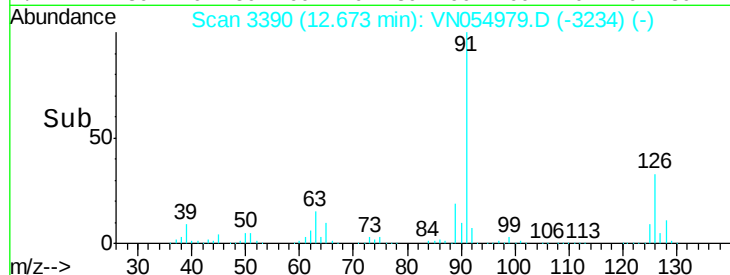
600000

400000

200000

0

Time--> 12.60 12.65 12.70



#76

1,3,5-Trimethylbenzene

Concen: 114.688 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054979.D

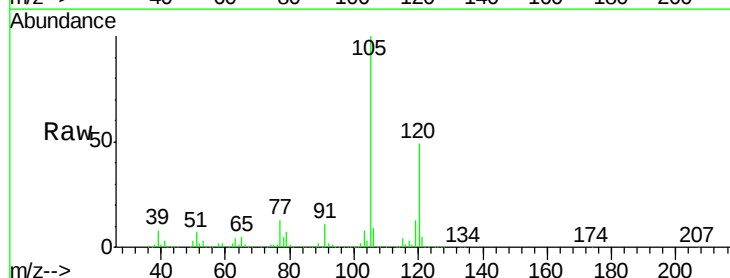
Acq: 11 Apr 2019 15:47

Tgt Ion:105 Resp: 1762997

Ion Ratio Lower Upper

105 100

120 48.5 0.0 94.8



Abundance Ion 105.00 (104.70 to 105.70): VN054977.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054977.D (-3394) (-)

1200000

1000000

800000

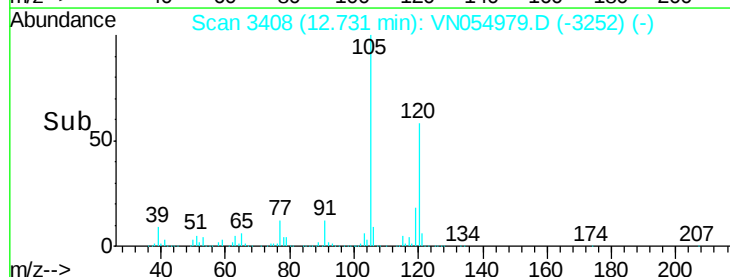
600000

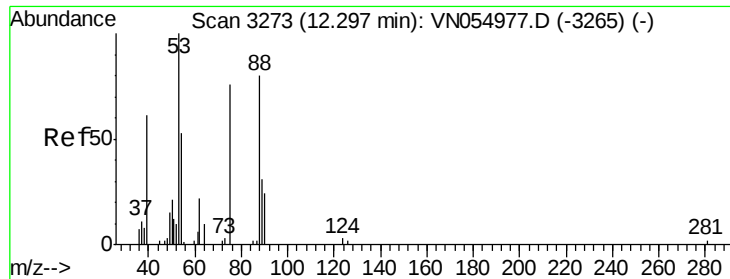
400000

200000

0

Time--> 12.70 12.80





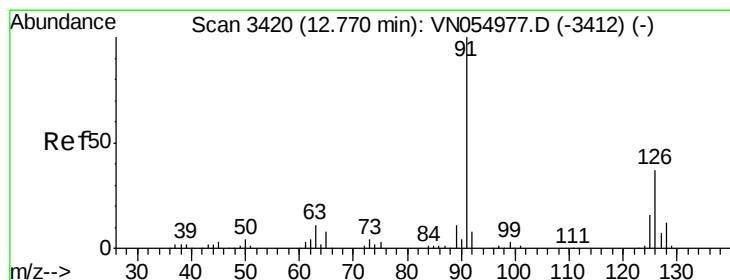
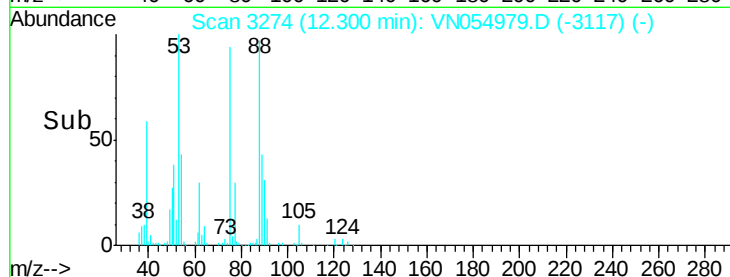
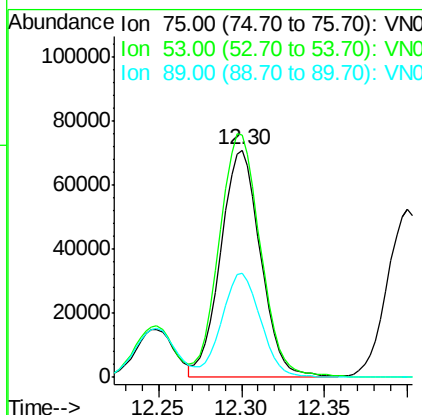
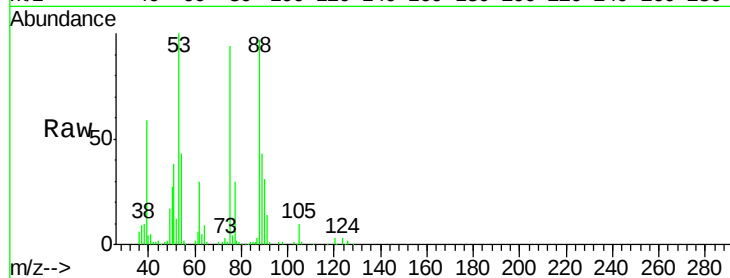
#77
t-1,4-Dichloro-2-butene
Concen: 102.663 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.7	64.3	192.7
89	46.3	21.6	65.0

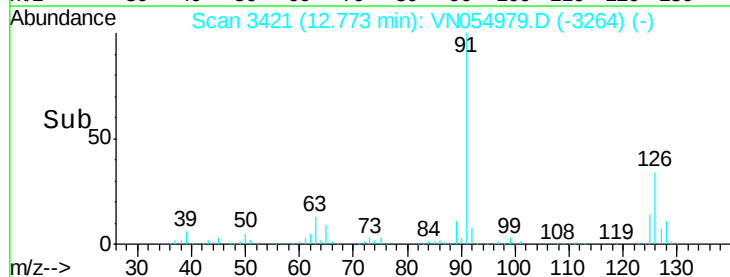
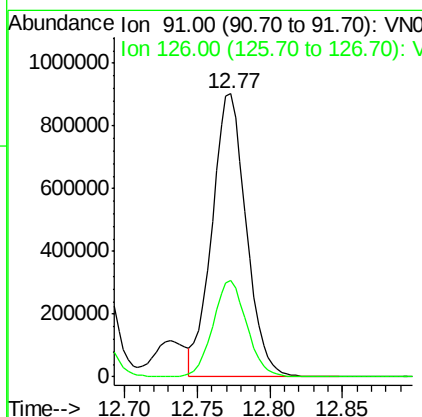
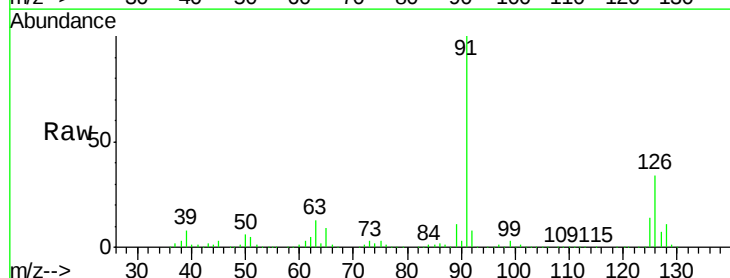
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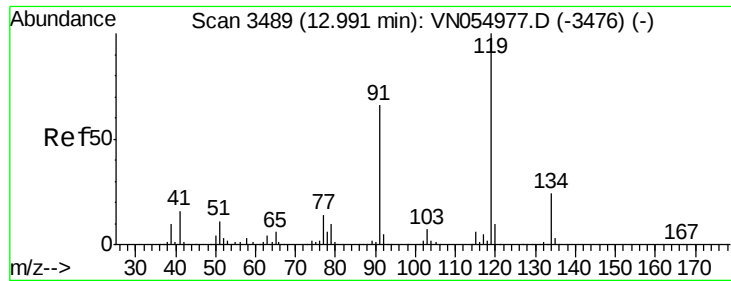
MMDadoda
4/12/2019 1:41:17 PM



#78
4-Chlorotoluene
Concen: 117.515 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	66.6





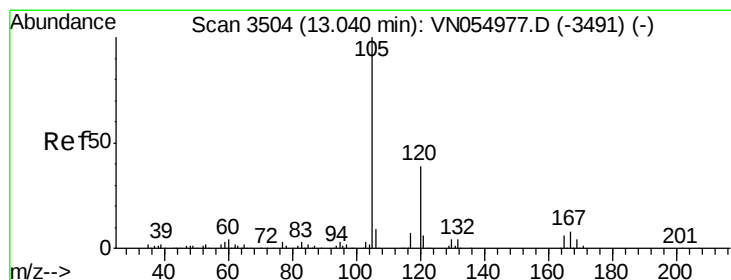
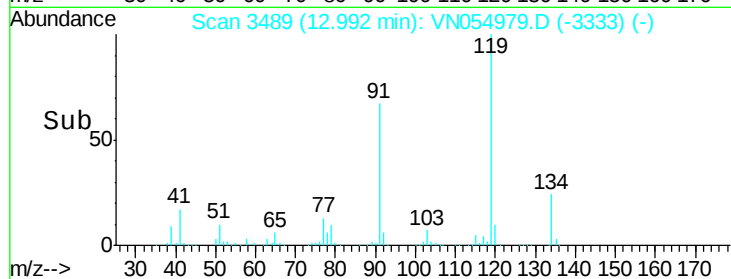
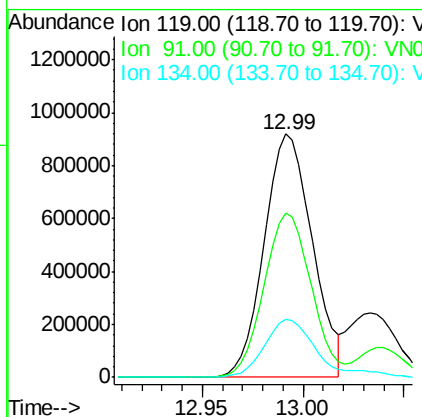
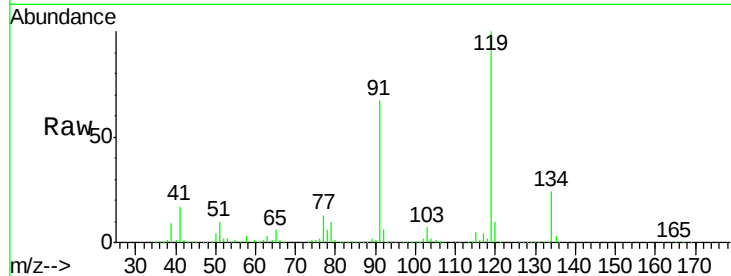
#79
tert-butylbenzene
Concen: 113.022 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 1525765
Ion Ratio Lower Upper
119 100
91 66.2 0.0 132.6
134 24.3 0.0 47.6

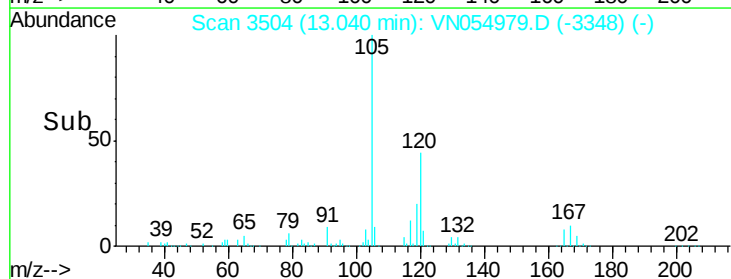
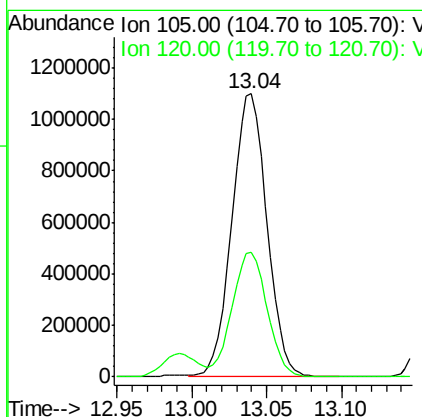
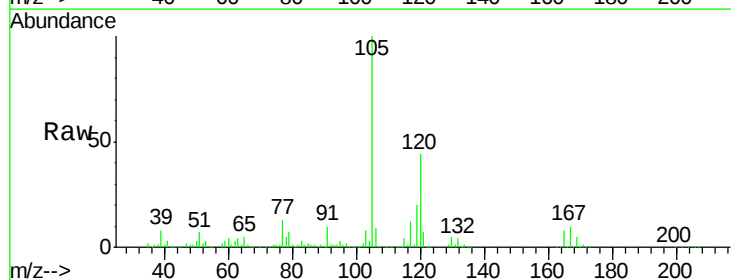
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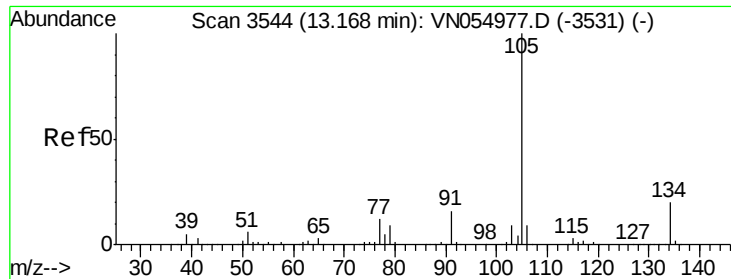
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#80
1,2,4-Trimethylbenzene
Concen: 117.801 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion:105 Resp: 1790414
Ion Ratio Lower Upper
105 100
120 44.2 0.0 91.4





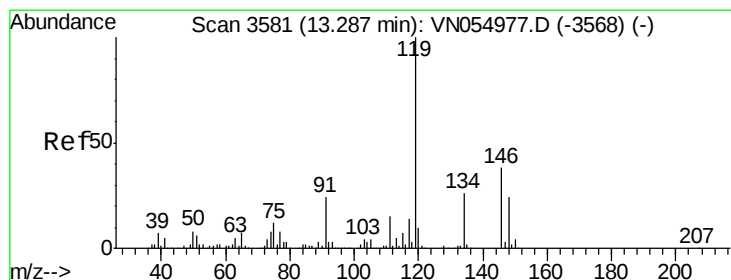
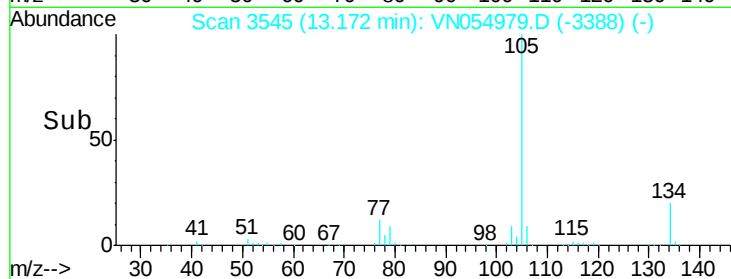
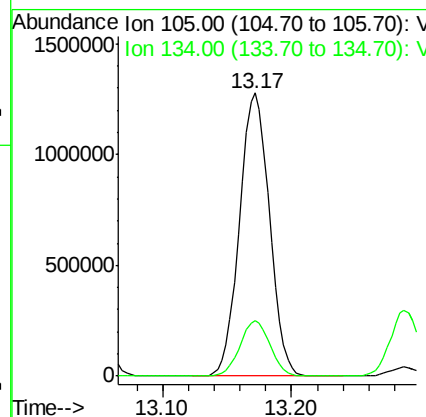
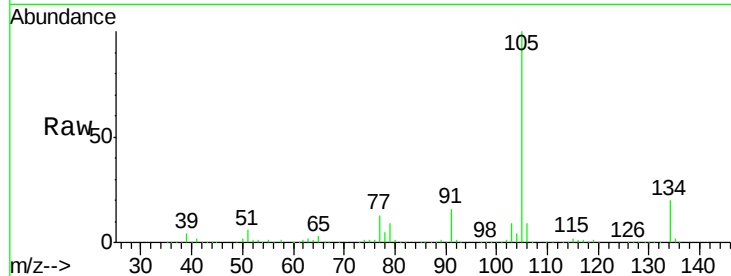
#81
 sec-Butylbenzene
 Concen: 111.871 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion:105 Resp: 2062559
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.0

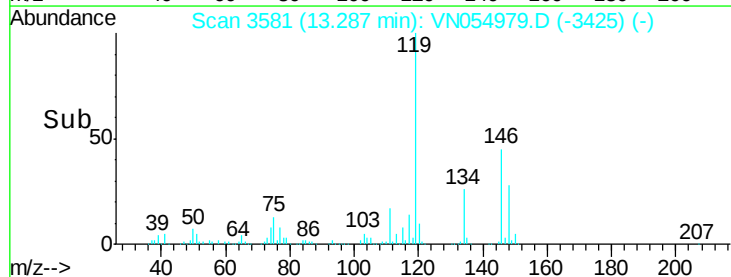
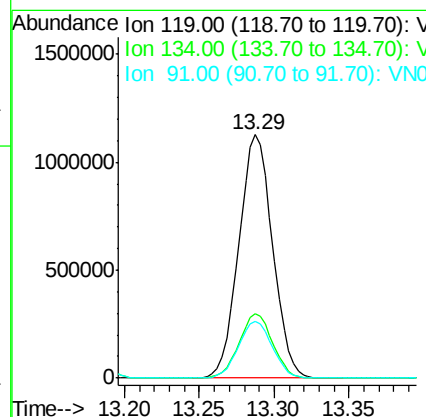
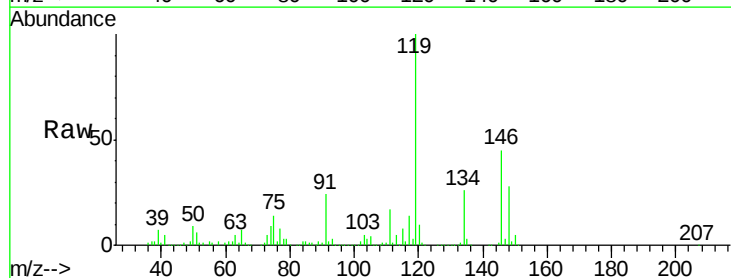
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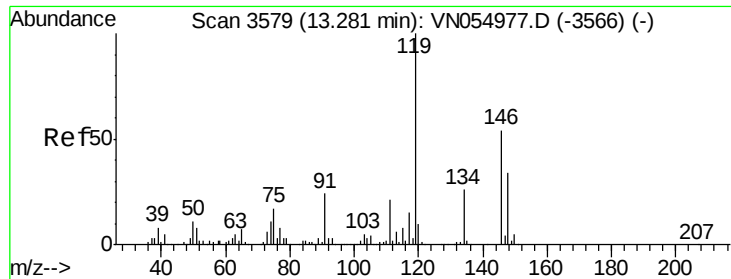
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#82
 p-Isopropyltoluene
 Concen: 112.655 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion:119 Resp: 1767282
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 23.6 0.0 47.8





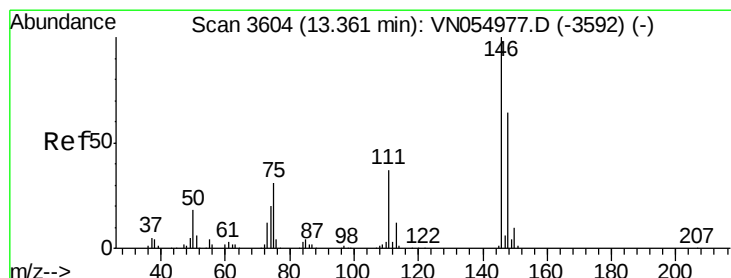
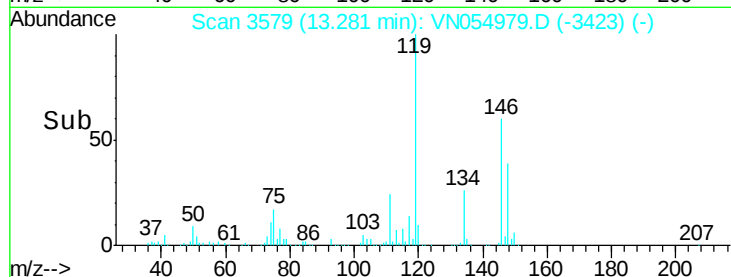
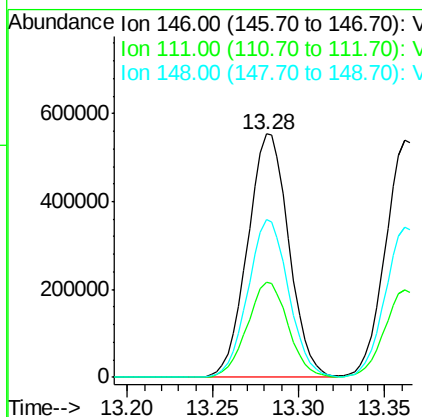
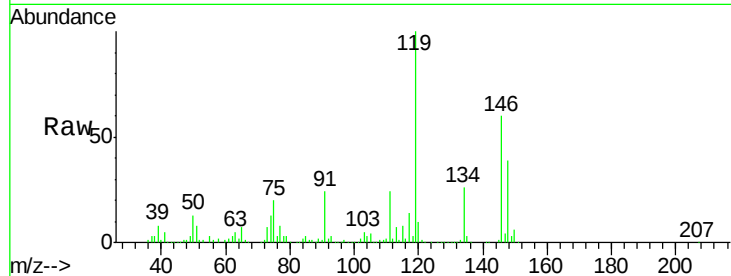
#83
 1,3-Dichlorobenzene
 Concen: 115.515 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	63.9	31.9	95.5

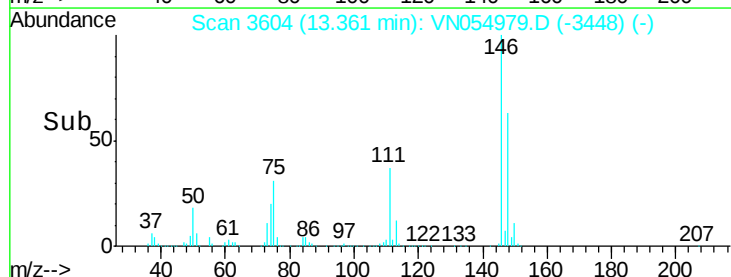
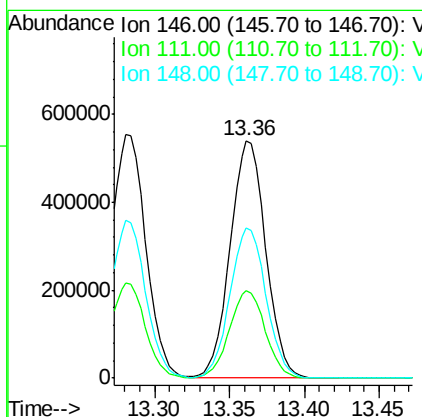
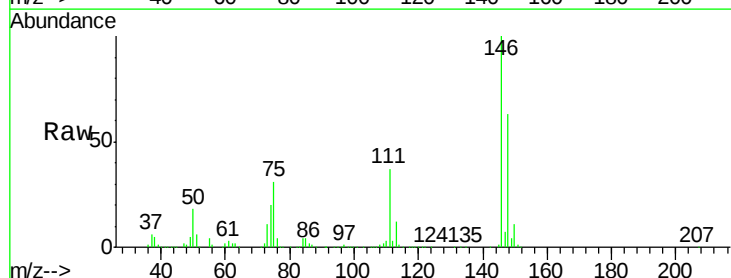
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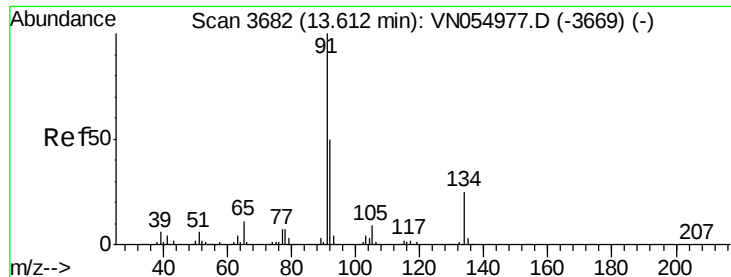
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#84
 1,4-Dichlorobenzene
 Concen: 117.759 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.0	32.5	97.4





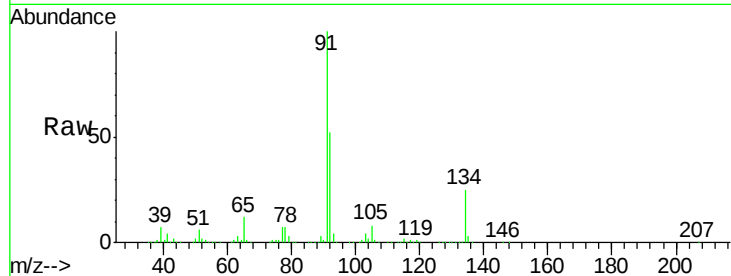
#85
n-Butylbenzene
Concen: 112.540 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

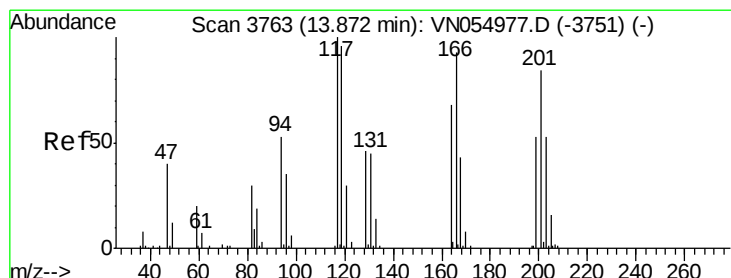
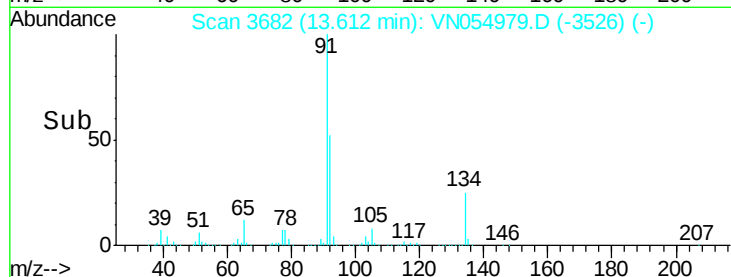
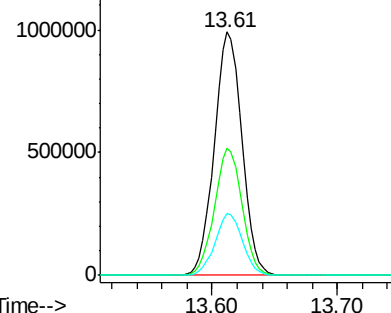
Tot Ion: 91 Resp: 1511146
Ion Ratio Lower Upper
91 100
92 51.9 0.0 101.4
134 25.1 0.0 49.8

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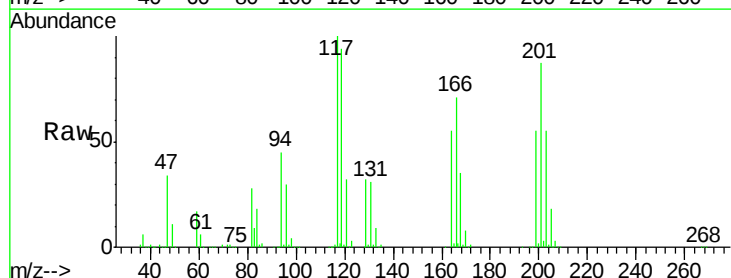


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

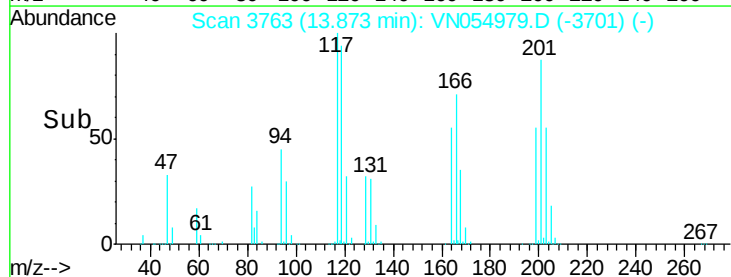
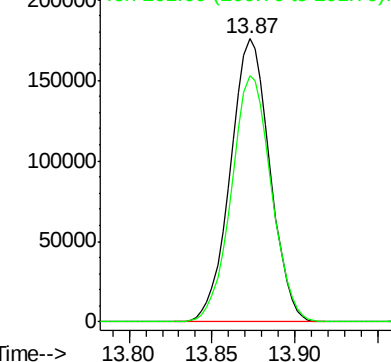


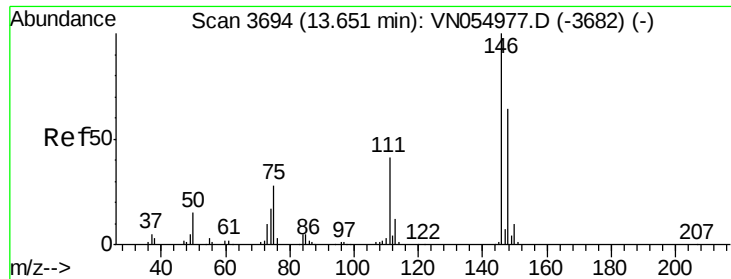
#86
Hexachloroethane
Concen: 99.525 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion: 117 Resp: 290533
Ion Ratio Lower Upper
117 100
201 88.0 42.8 128.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 115.142 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Instrument :

MSVOA_N

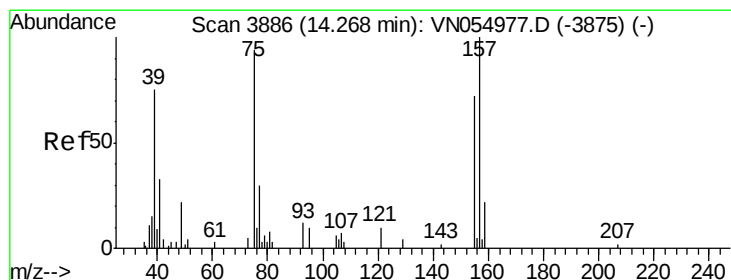
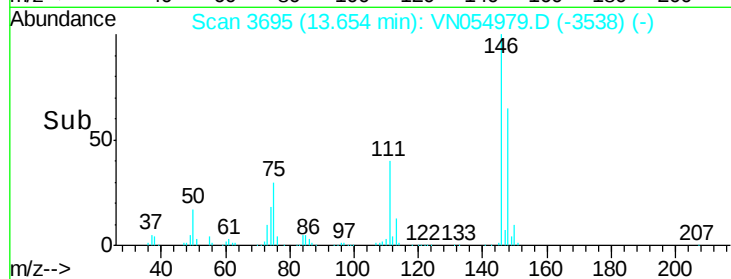
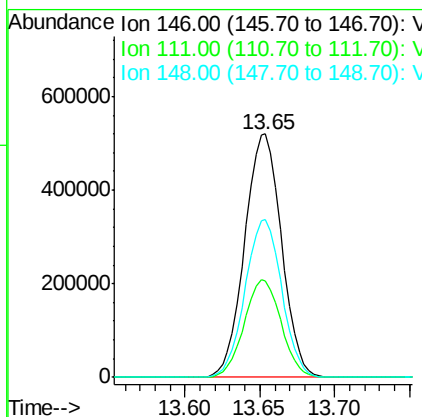
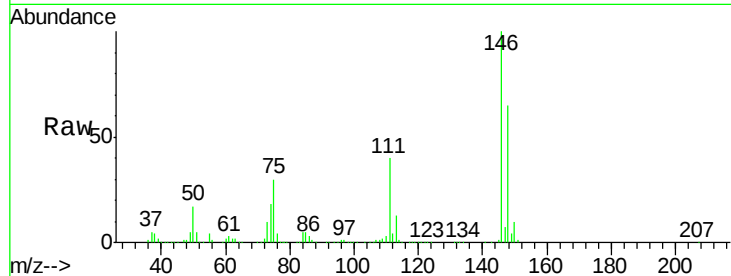
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	892701
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.8
148	64.4	32.5	97.5

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#88

1,2-Dibromo-3-Chloropropane

Concen: 117.409 ug/l

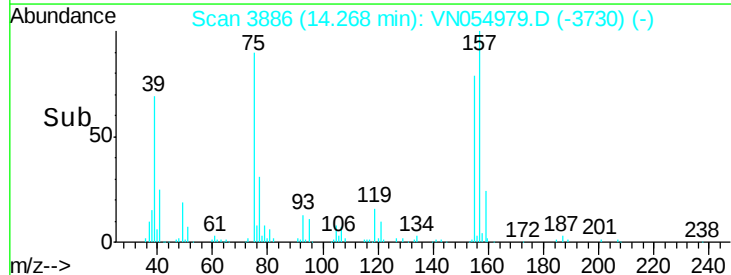
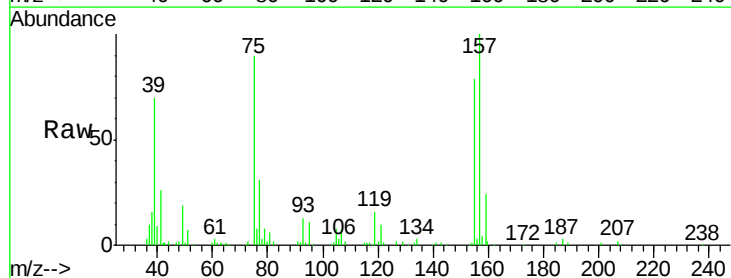
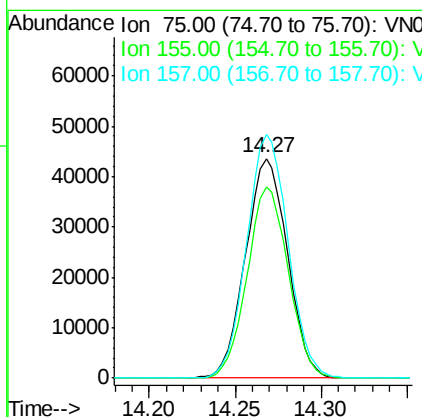
RT: 14.27 min Scan# 3886

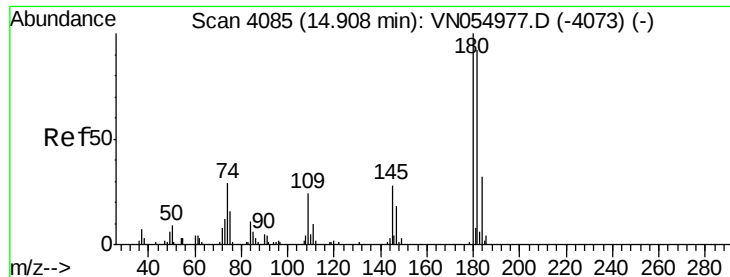
Delta R.T. 0.00 min

Lab File: VN054979.D

Acq: 11 Apr 2019 15:47

Tgt Ion:	75	Resp:	74080
Ion Ratio	Lower	Upper	
75	100		
155	85.0	61.8	92.8
157	109.6	82.7	124.1





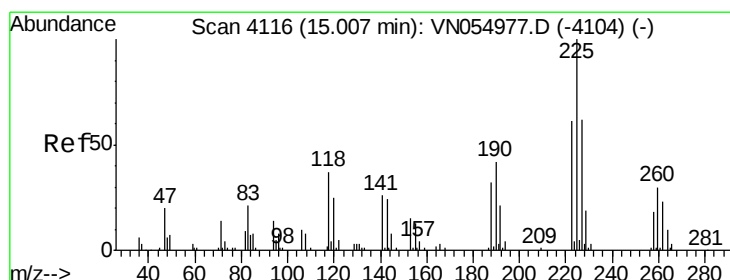
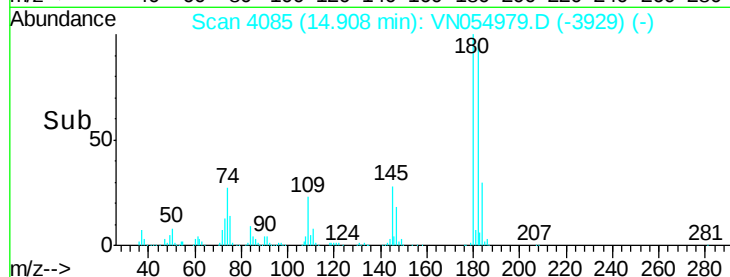
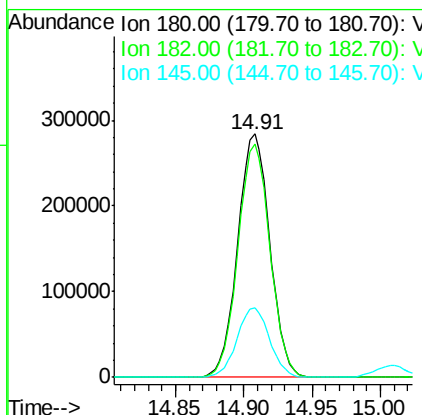
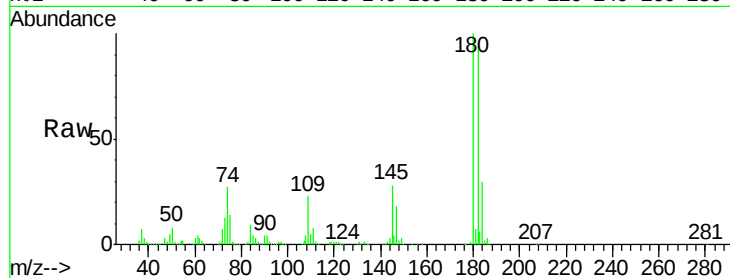
#89
 1,2,4-Trichlorobenzene
 Concen: 122.631 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.2	109.8
145	29.0	23.2	34.8

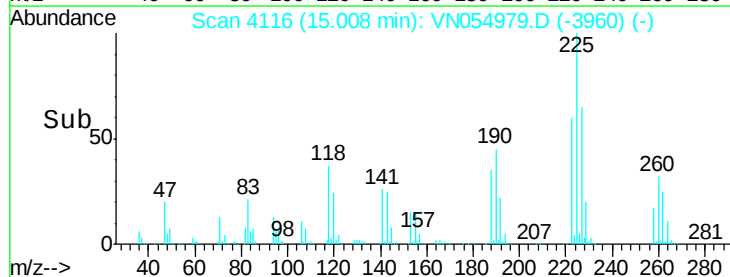
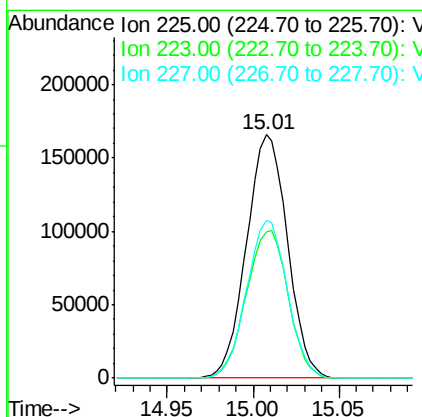
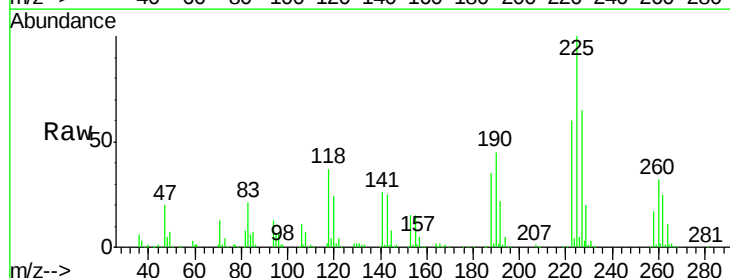
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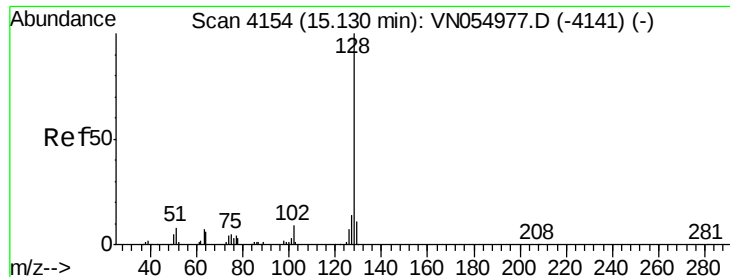
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#90
 Hexachlorobutadiene
 Concen: 95.576 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054979.D
 Acq: 11 Apr 2019 15:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	126.0
227	64.4	0.0	125.4





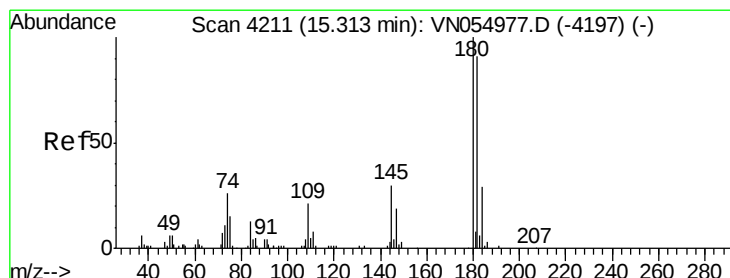
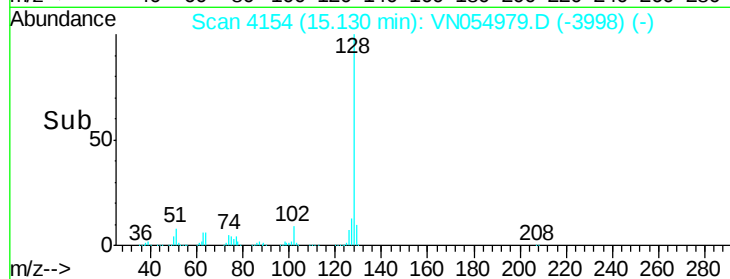
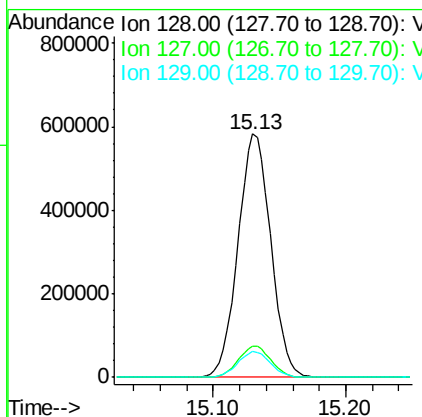
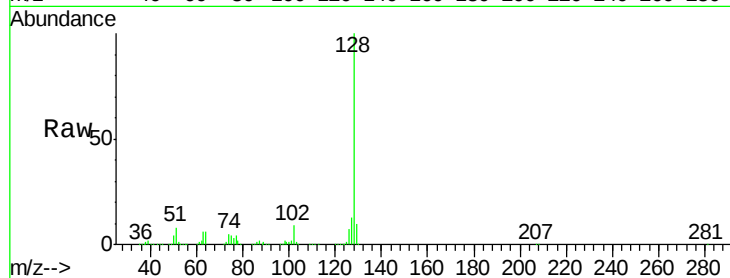
#91
Naphthalene
Concen: 132.834 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	128	Resp:	999975
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	15.8
129	10.6	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 118.080 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054979.D
Acq: 11 Apr 2019 15:47

Tgt Ion:	180	Resp:	446612
Ion Ratio	Lower	Upper	
180	100		
182	96.5	0.0	188.2
145	30.2	0.0	61.2

