

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061150.D
 Acq On : 27 Apr 2020 15:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 8:14:32 PM

Quant Time: Apr 28 01:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	103946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	167256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	940	0.951	ug/l	94
3) Chloromethane	2.03	50	1180	0.979	ug/l	96
4) Vinyl Chloride	2.16	62	1388	0.958	ug/l	98
6) Chloroethane	2.67	64	935	1.182	ug/l #	81
7) Trichlorofluoromethane	2.98	101	1558	0.998	ug/l	90
8) Diethyl Ether	3.37	74	512	0.717	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1064	1.034	ug/l #	66
12) 1,1-Dichloroethene	3.70	96	1062	1.011	ug/l	93
14) Allyl chloride	4.27	41	2126m	1.250	ug/l	
15) Acrylonitrile	4.92	53	2780m	4.879	ug/l	
16) Acetone	3.77	43	7876	11.493	ug/l	96
17) Carbon Disulfide	4.01	76	2679	0.864	ug/l #	75
18) Methyl Acetate	4.28	43	2982	1.607	ug/l #	59
19) Methyl tert-butyl Ether	4.99	73	4205	1.122	ug/l	98
20) Methylene Chloride	4.49	84	1276	1.046	ug/l #	84
21) trans-1,2-Dichloroethene	4.99	96	1111m	0.888	ug/l	
22) Diisopropyl ether	5.90	45	4228	1.071	ug/l #	93
23) Vinyl Acetate	5.84	43	15985	5.047	ug/l	97
24) 1,1-Dichloroethane	5.79	63	2255	1.047	ug/l #	84
25) 2-Butanone	6.78	43	4210	5.361	ug/l	98
26) 2,2-Dichloropropane	6.77	77	2343	1.233	ug/l #	67
27) cis-1,2-Dichloroethene	6.77	96	1255m	0.901	ug/l	
28) Bromochloromethane	7.14	49	1033	1.106	ug/l #	56
29) Tetrahydrofuran	7.17	42	2674	4.949	ug/l	96
30) Chloroform	7.33	83	2368	1.087	ug/l	93
32) 1,1,1-Trichloroethane	7.52	97	2101	1.082	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	1571	0.882	ug/l #	79
37) Ethyl Acetate	6.87	43	1960	1.071	ug/l #	71
38) Carbon Tetrachloride	7.72	117	1005	0.649	ug/l #	86
39) Methylcyclohexane	9.04	83	1894	0.882	ug/l	95
40) Benzene	8.00	78	5334	1.013	ug/l	98
41) Methacrylonitrile	7.13	41	858m	1.023	ug/l	
42) 1,2-Dichloroethane	8.09	62	1863	0.978	ug/l #	76
43) Isopropyl Acetate	8.12	43	3302	1.065	ug/l #	80

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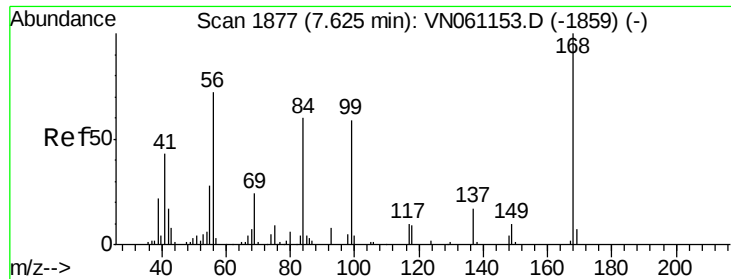
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	1552	1.025	ug/l	95
45) 1,2-Dichloropropane	9.09	63	1356	0.968	ug/l	96
46) Dibromomethane	9.17	93	728	0.816	ug/l	88
47) Bromodichloromethane	9.37	83	1713	0.965	ug/l #	92
48) Methyl methacrylate	9.16	41	1373	0.945	ug/l	98
49) 1,4-Dioxane	9.16	88	445	20.934	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	8795	4.844	ug/l	100
52) Toluene	10.12	92	2933	0.891	ug/l	93
53) t-1,3-Dichloropropene	10.35	75	2038	0.946	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	2221	0.994	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	1198	0.944	ug/l #	81
56) Ethyl methacrylate	10.40	69	1388	0.714	ug/l #	86
57) 1,3-Dichloropropane	10.67	76	1963	0.901	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	4675	4.662	ug/l	98
59) 2-Hexanone	10.72	43	6125	4.572	ug/l	93
60) Dibromochloromethane	10.87	129	1216	0.917	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1068	0.818	ug/l	91
64) Tetrachloroethene	10.60	164	1377	0.826	ug/l	92
65) Chlorobenzene	11.41	112	3143	0.932	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.48	131	1077	0.900	ug/l #	65
67) Ethyl Benzene	11.48	91	5663	0.898	ug/l	96
68) m/p-Xylenes	11.59	106	4126	1.757	ug/l	94
69) o-Xylene	11.92	106	1960	0.865	ug/l	94
70) Styrene	11.94	104	3123	0.848	ug/l	95
71) Bromoform	12.10	173	680	0.758	ug/l #	62
73) Isopropylbenzene	12.22	105	5051	0.918	ug/l	97
74) N-amyl acetate	12.04	43	2423	0.960	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	1566	1.037	ug/l #	90
76) 1,2,3-Trichloropropane	12.53	75	1699m	1.025	ug/l	
77) Bromobenzene	12.50	156	1125	0.847	ug/l	88
78) n-propylbenzene	12.56	91	6007	0.928	ug/l	99
79) 2-Chlorotoluene	12.65	91	3532	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	3984	0.860	ug/l	96
82) 4-Chlorotoluene	12.75	91	3792	0.949	ug/l	94
83) tert-Butylbenzene	12.97	119	3433	0.884	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	4434	0.958	ug/l	89
85) sec-Butylbenzene	13.15	105	4552	0.863	ug/l	98
86) p-Isopropyltoluene	13.26	119	4180	0.874	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	2160	0.911	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	2397m	0.998	ug/l	
89) n-Butylbenzene	13.59	91	3777	0.865	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	2101	0.951	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	269	0.820	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.88	180	1257	0.858	ug/l	94
94) Hexachlorobutadiene	14.99	225	492	0.775	ug/l	86
95) Naphthalene	15.10	128	3860	0.846	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.28	180	1231	0.872	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061150.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 103946

Ion Ratio Lower Upper

168 100

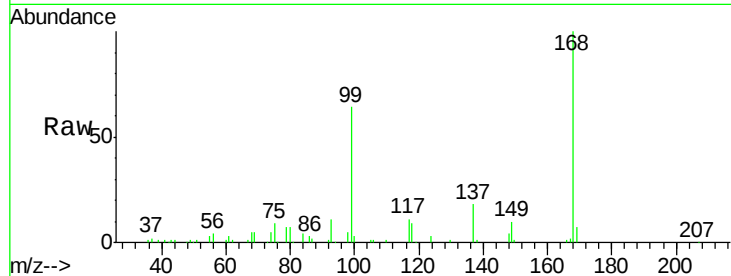
99 63.9 51.2 76.8

Manual Integrations

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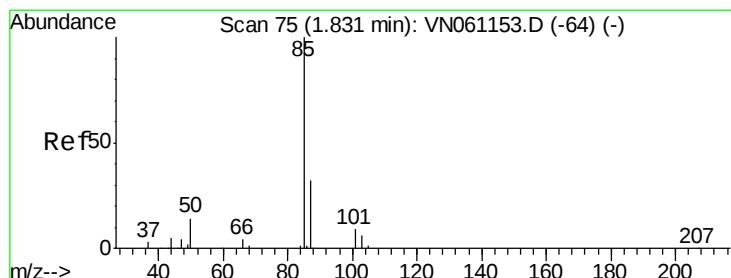
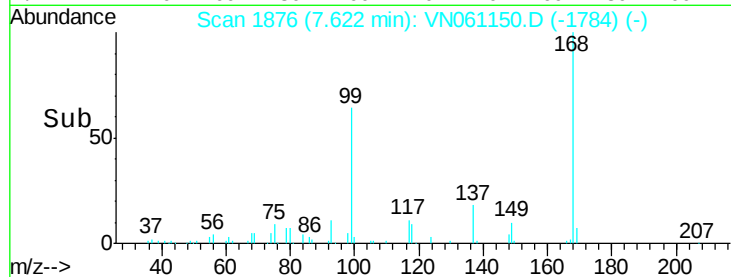
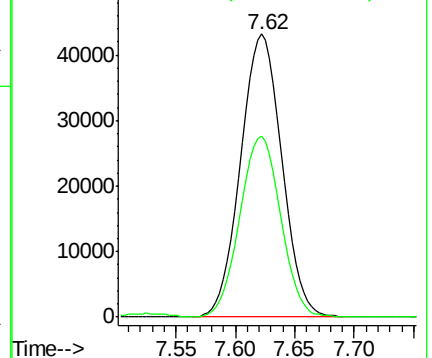
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC



#2

Dichlorodifluoromethane

Concen: 0.951 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061150.D

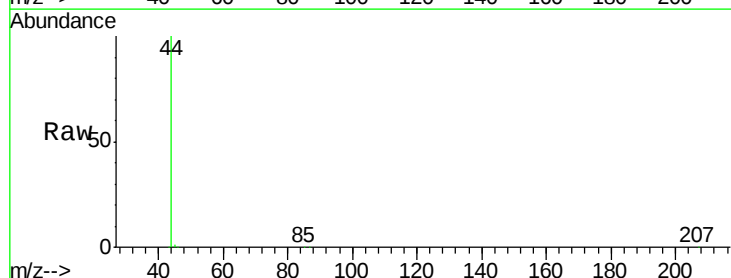
Acq: 27 Apr 2020 15:39

Tgt Ion: 85 Resp: 940

Ion Ratio Lower Upper

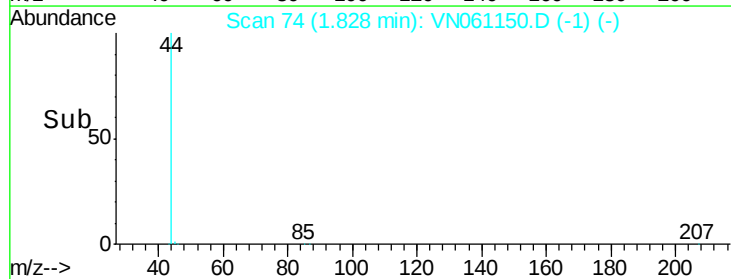
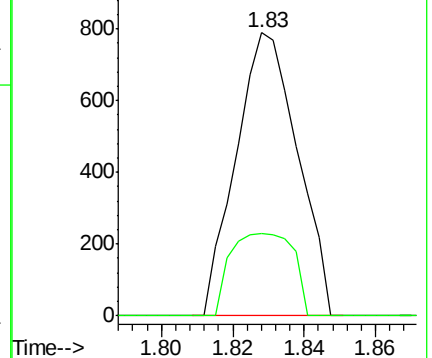
85 100

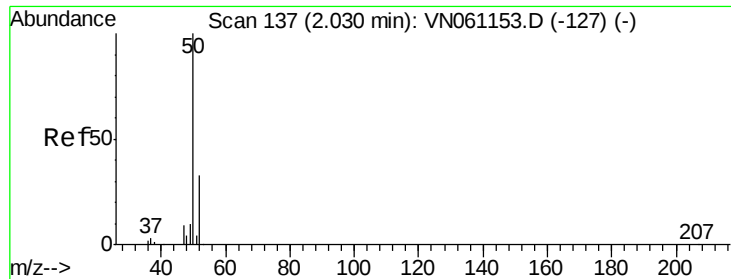
87 28.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC





#3

Chloromethane

Concen: 0.979 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1180

Ion Ratio Lower Upper

50 100

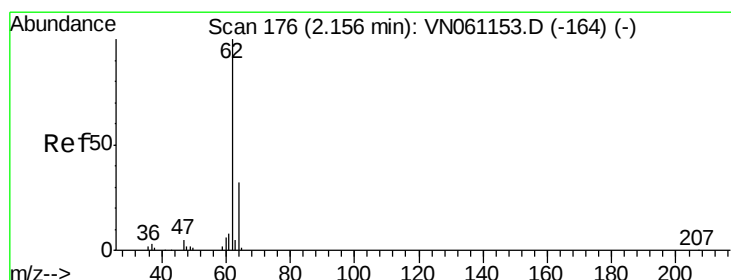
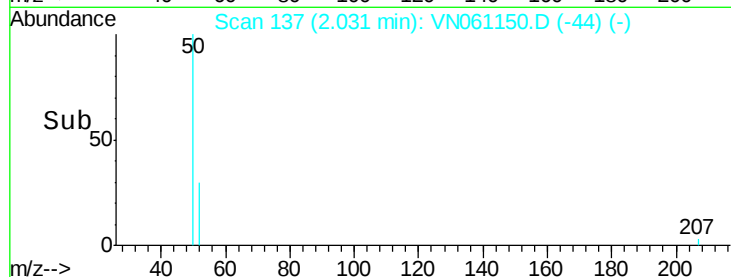
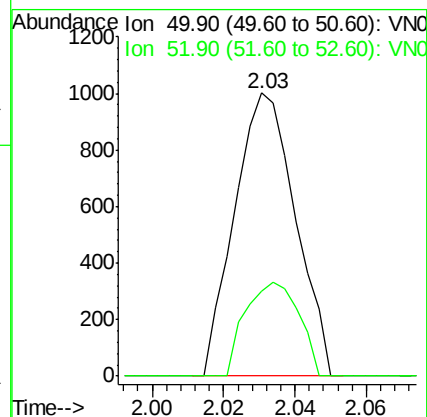
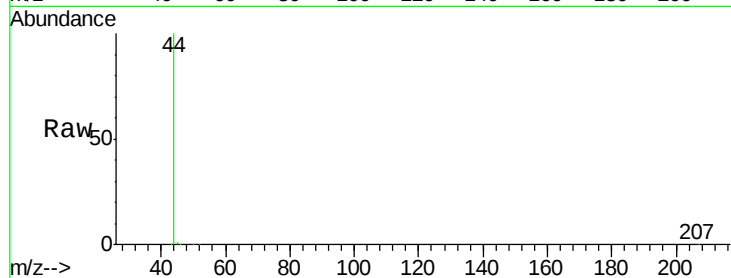
52 30.1 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.958 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061150.D

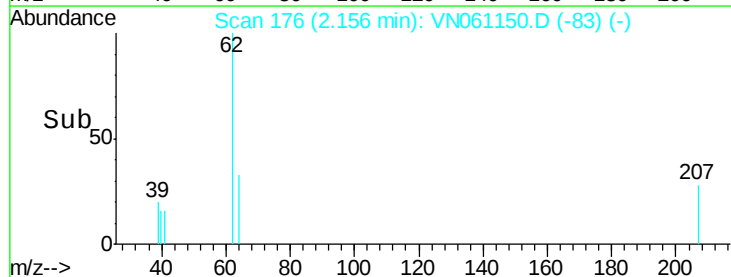
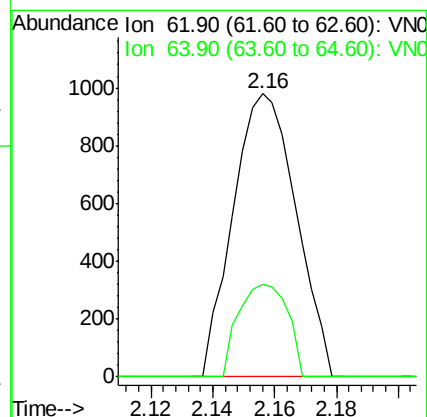
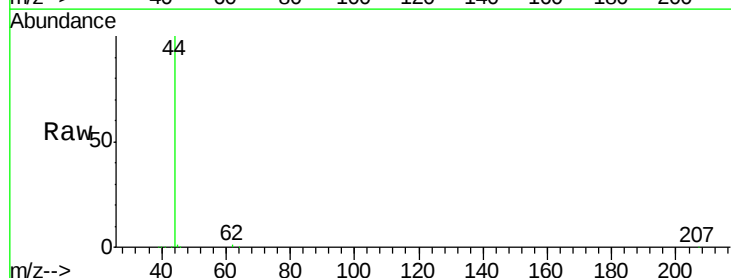
Acq: 27 Apr 2020 15:39

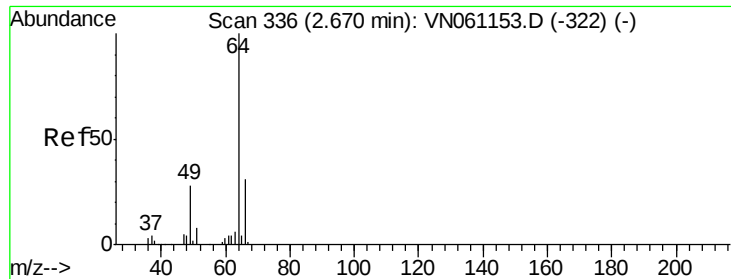
Tgt Ion: 62 Resp: 1388

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#6

Chloroethane

Concen: 1.182 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 935

Ion Ratio Lower Upper

64 100

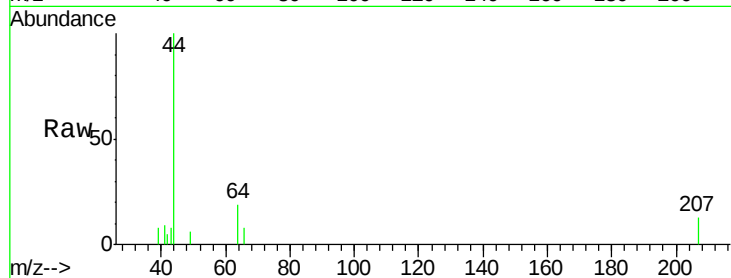
66 41.0 24.6 36.8#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN061153.D (-322) (-)

Ion 65.90 (65.60 to 66.60): VN061153.D (-322) (-)

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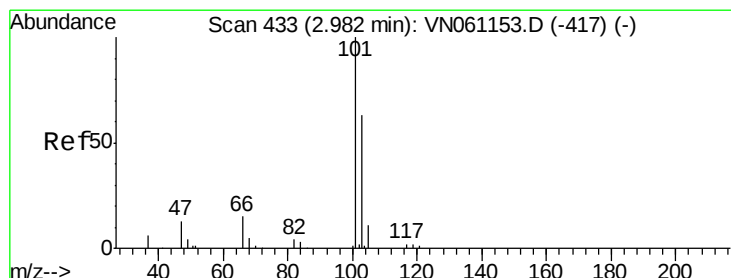
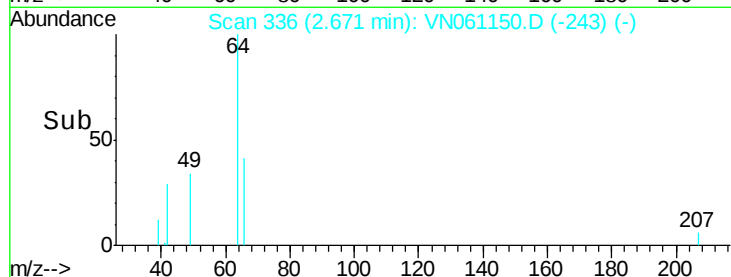
2.67

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#7

Trichlorofluoromethane

Concen: 0.998 ug/l

RT: 2.98 min Scan# 431

Delta R.T. -0.01 min

Lab File: VN061150.D

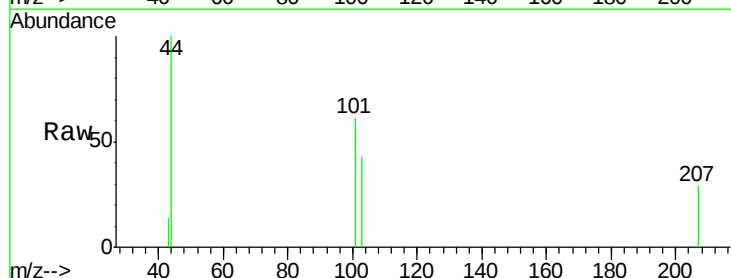
Acq: 27 Apr 2020 15:39

Tgt Ion:101 Resp: 1558

Ion Ratio Lower Upper

101 100

103 71.1 50.6 76.0



Abundance Ion 100.90 (100.60 to 101.60): VN061153.D (-417) (-)

Ion 102.80 (102.50 to 103.50): VN061153.D (-417) (-)

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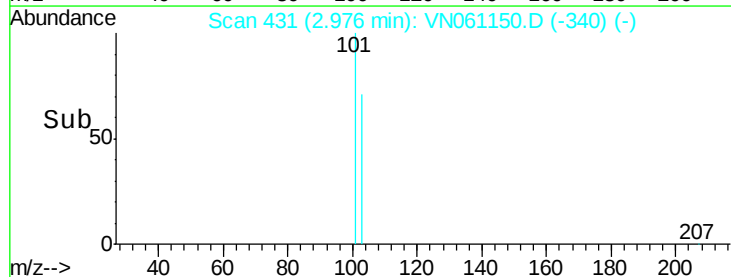
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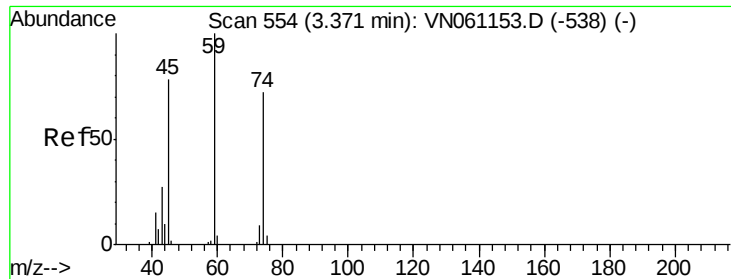
2.98

2.98

2.98

2.98





#8

Diethyl Ether

Concen: 0.717 ug/l

RT: 3.37 min Scan# 555

Delta R.T. 0.00 min

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ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 512

Ion Ratio Lower Upper

74 100

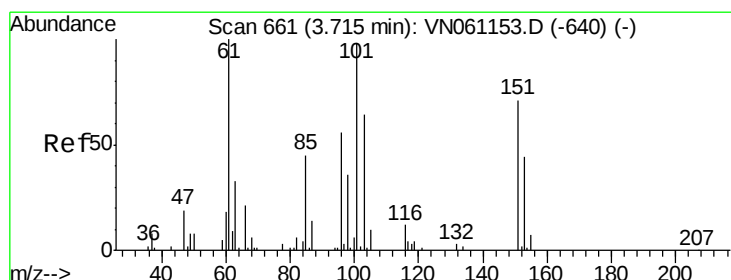
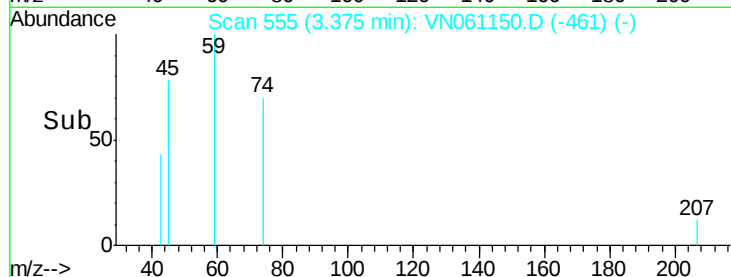
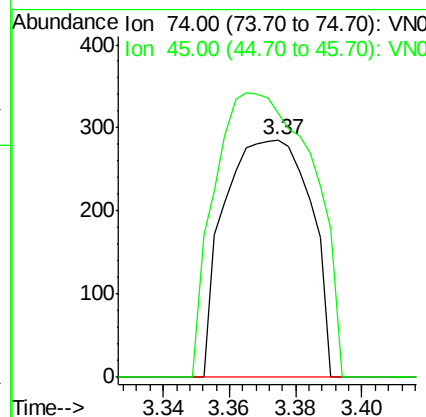
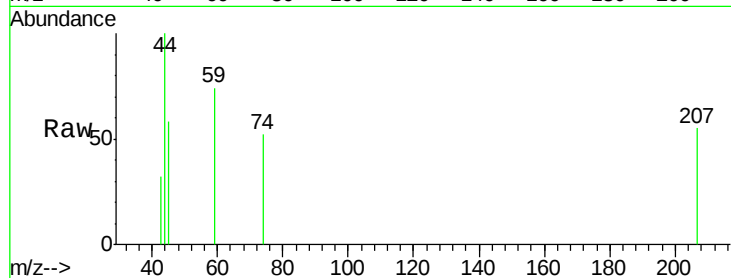
45 136.3 53.3 160.0

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.034 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

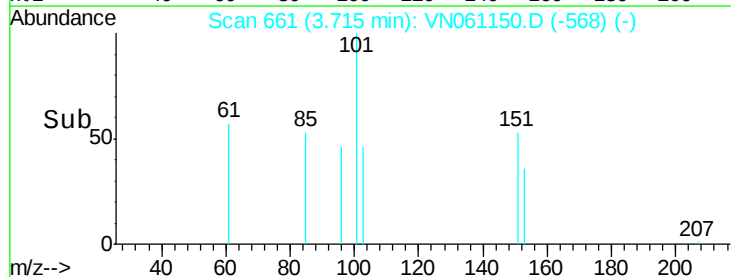
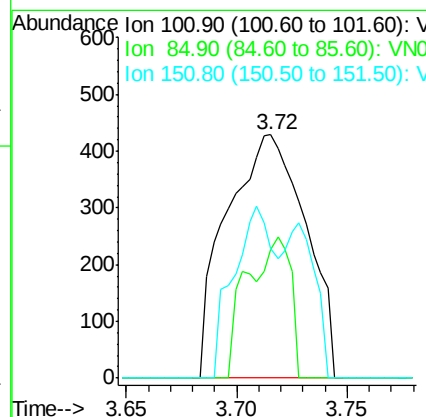
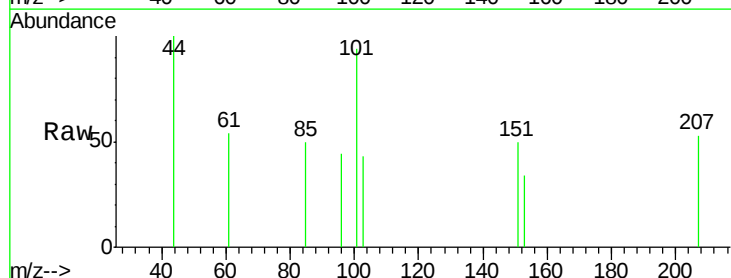
Tgt Ion: 101 Resp: 1064

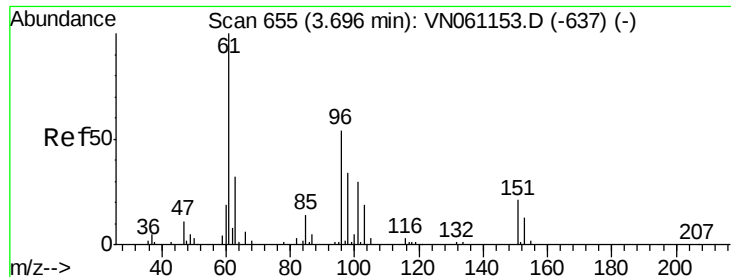
Ion Ratio Lower Upper

101 100

85 32.2 37.2 55.8#

151 36.6 57.7 86.5#





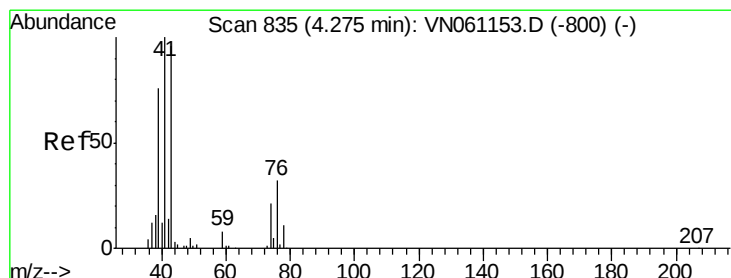
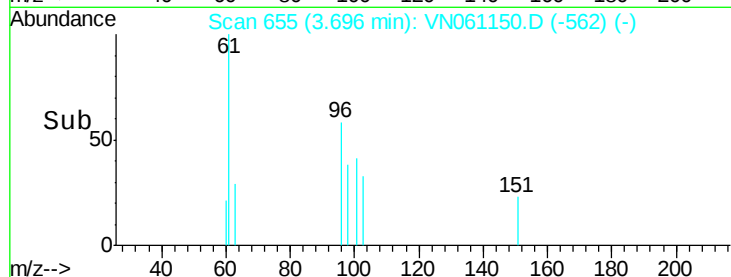
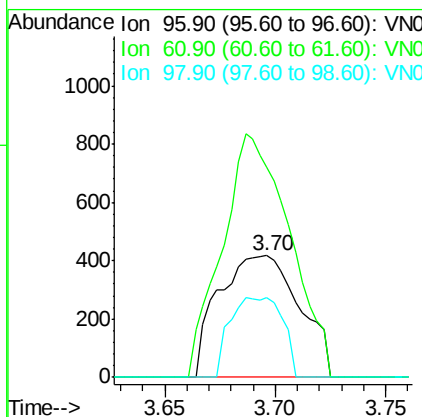
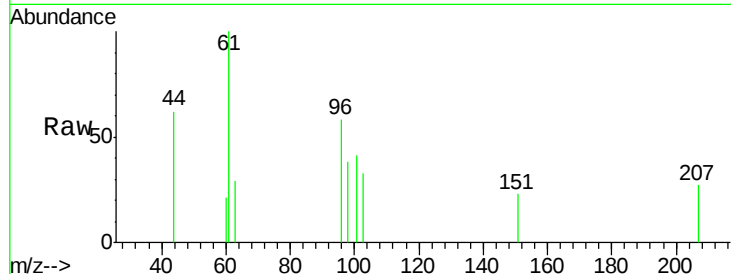
#12
 1,1-Dichloroethene
 Concen: 1.011 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
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 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.2	147.0	220.6
98	65.6	49.8	74.6

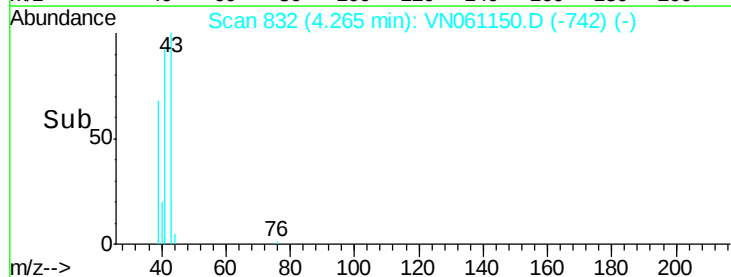
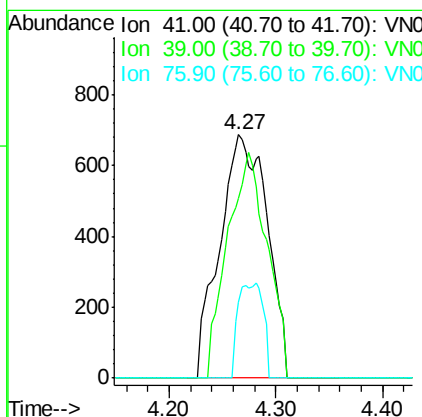
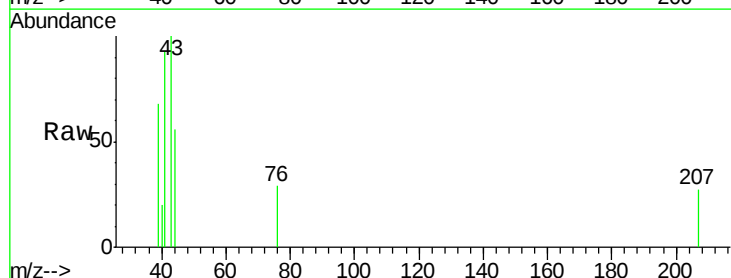
Manual Integrations
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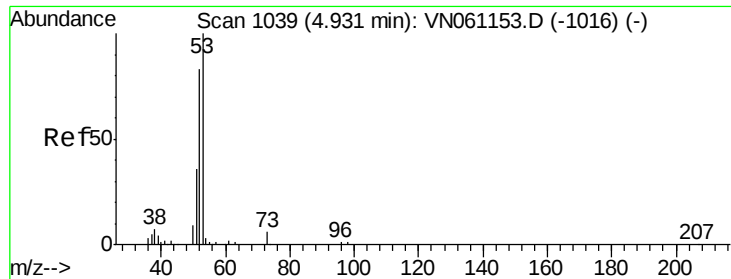
MMDadoda
 4/28/2020 8:14:32 PM



#14
 Allyl chloride
 Concen: 1.250 ug/l m
 RT: 4.27 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	77.7	57.1	85.7
76	20.7	24.3	36.5#





#15

Acrylonitrile

Concen: 4.879 ug/l m

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

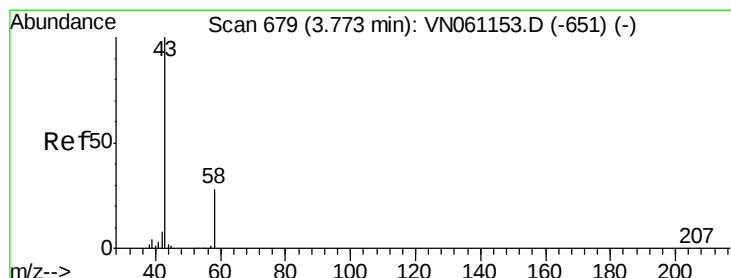
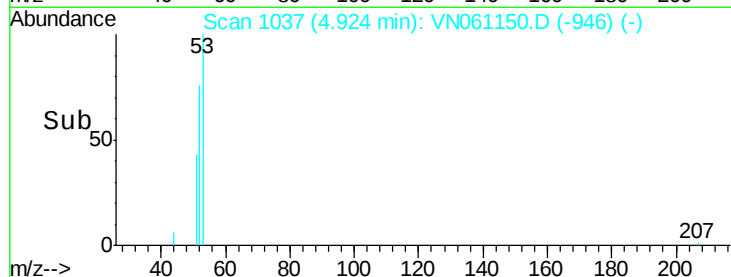
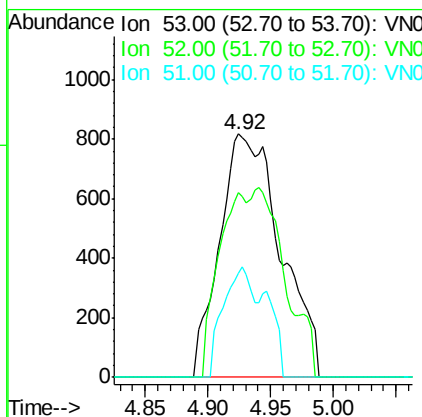
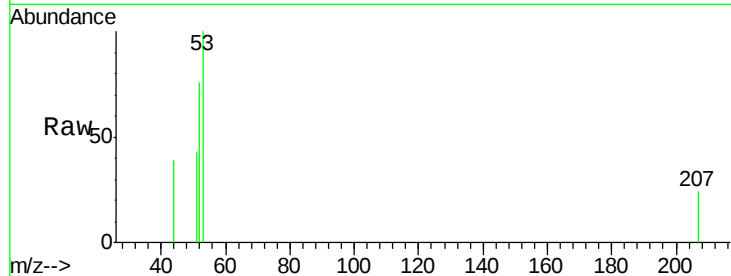
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	2780
Ion	Ratio	Lower	Upper
53	100		
52	35.8	65.4	98.0#
51	21.4	29.5	44.3#

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#16

Acetone

Concen: 11.493 ug/l

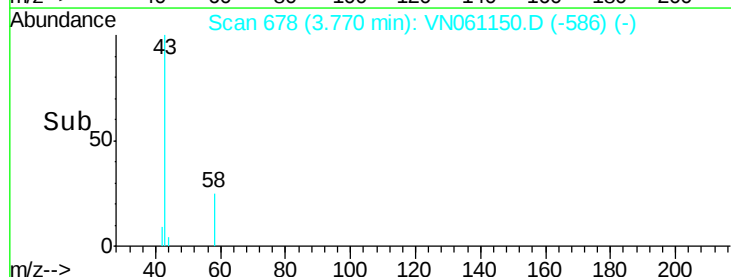
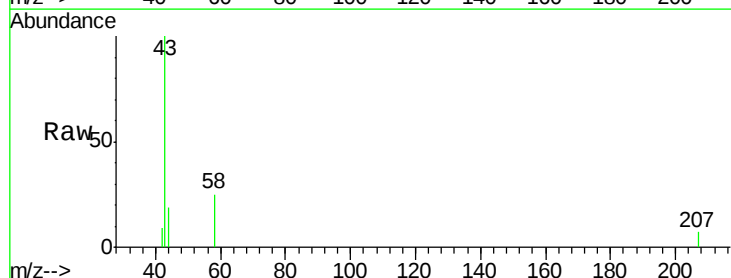
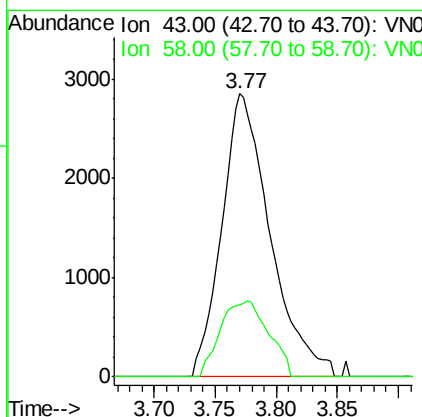
RT: 3.77 min Scan# 678

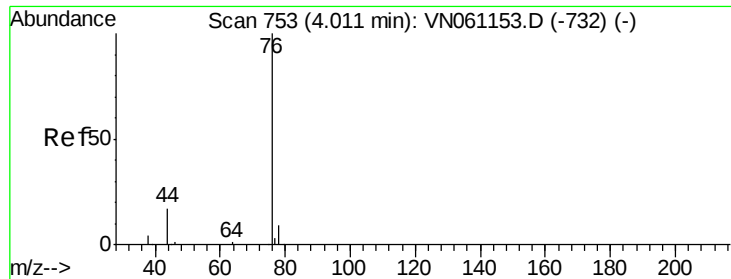
Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion:	43	Resp:	7876
Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.2	33.2





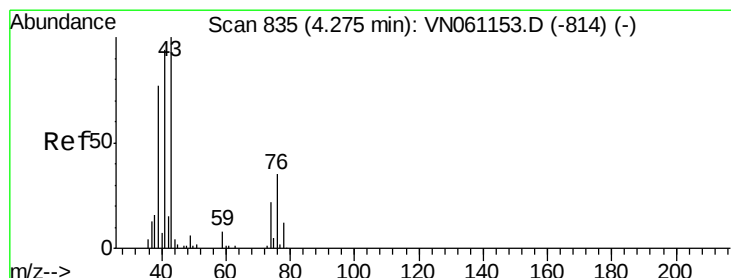
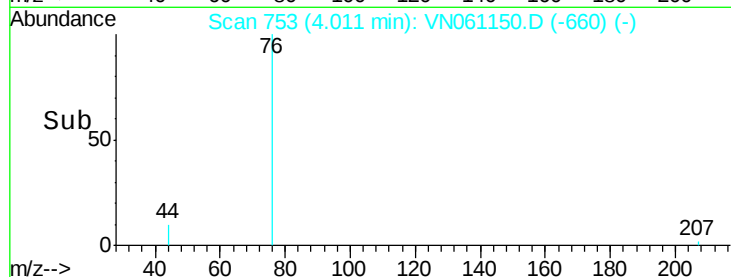
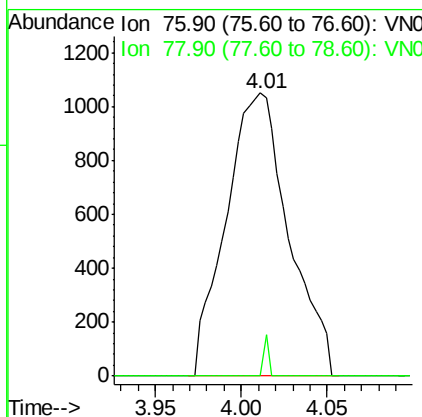
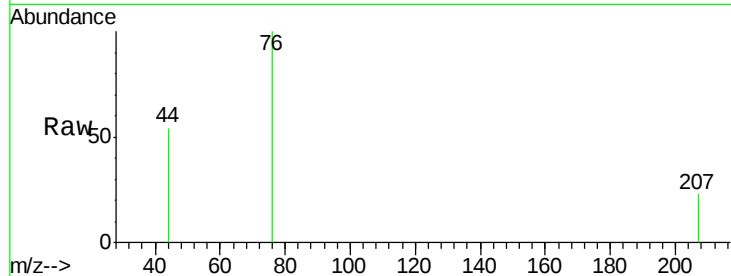
#17
Carbon Disulfide
Concen: 0.864 ug/l
RT: 4.01 min Scan# 753
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 2679
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

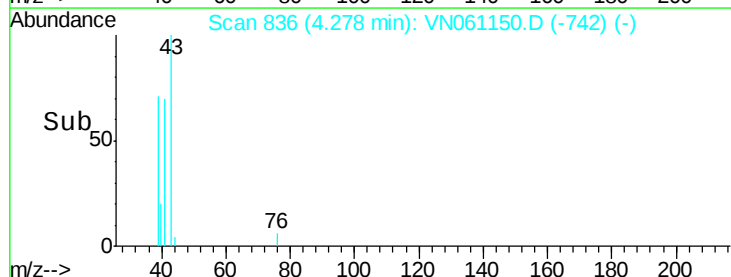
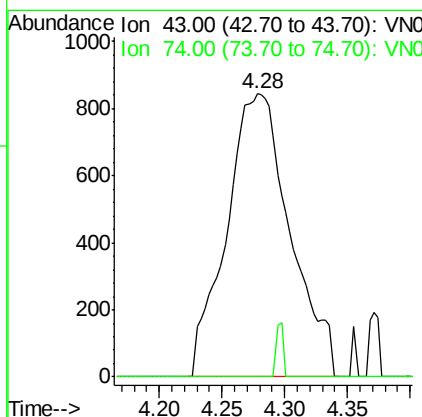
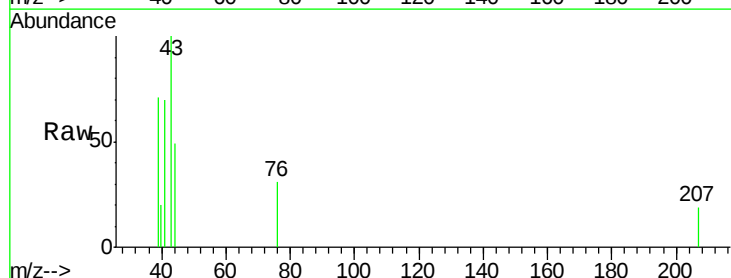
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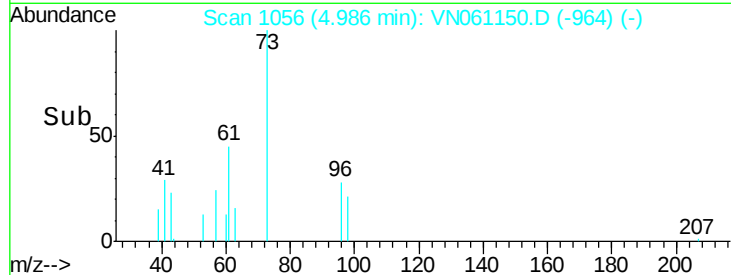
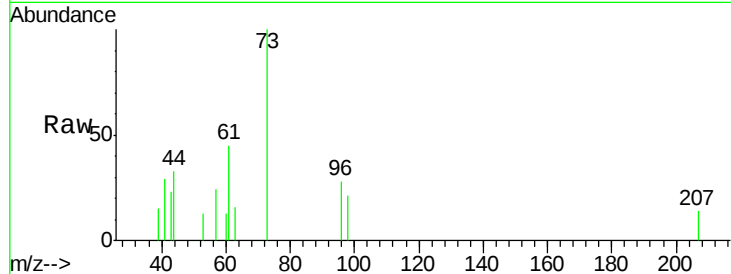
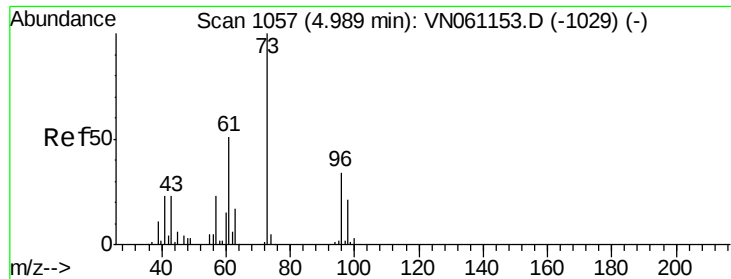
MMDadoda
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#18
Methyl Acetate
Concen: 1.607 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
74 2.0 17.0 25.4#





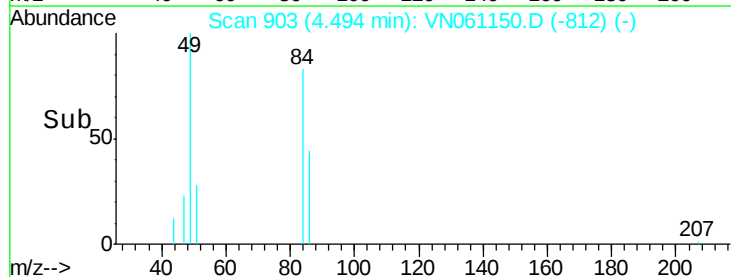
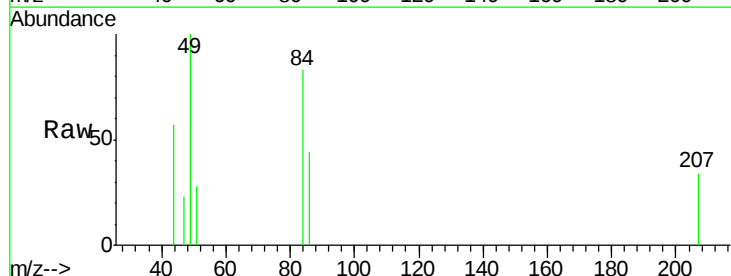
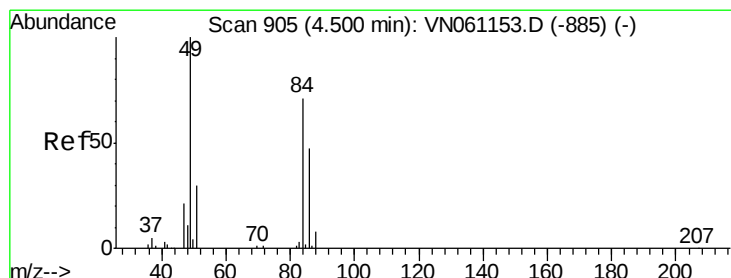
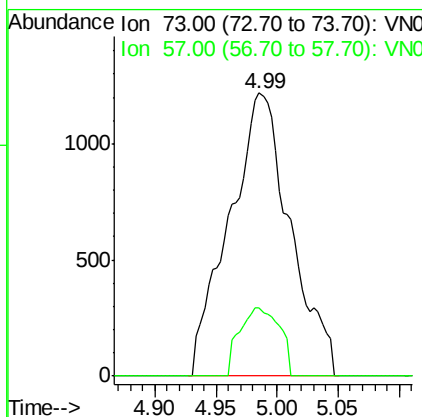
#19
Methyl tert-butyl Ether
Concen: 1.122 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tot Ion: 73 Resp: 4205
Ion Ratio Lower Upper
73 100
57 24.1 18.3 27.5

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

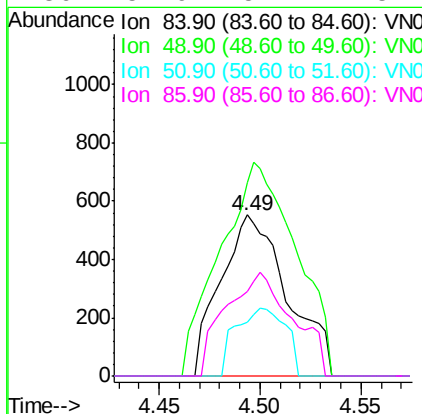
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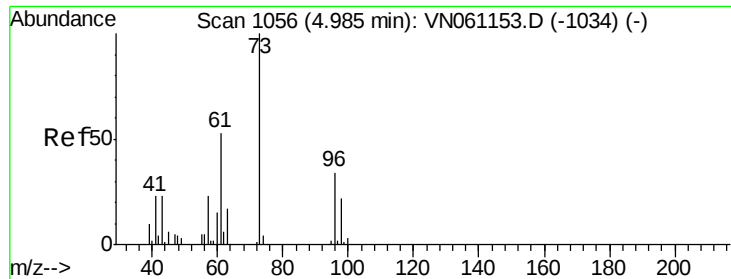
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#20
Methylene Chloride
Concen: 1.046 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion: 84 Resp: 1276
Ion Ratio Lower Upper
84 100
49 120.5 112.0 168.0
51 33.2 33.6 50.4#
86 52.9 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 0.888 ug/l m

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

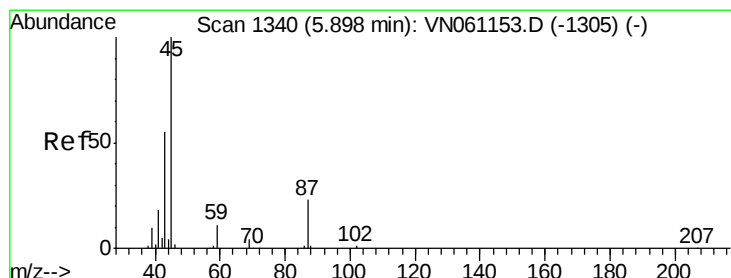
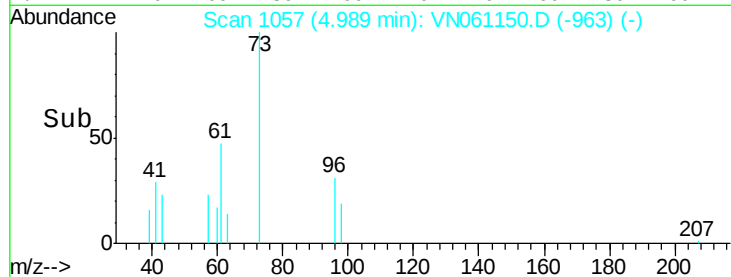
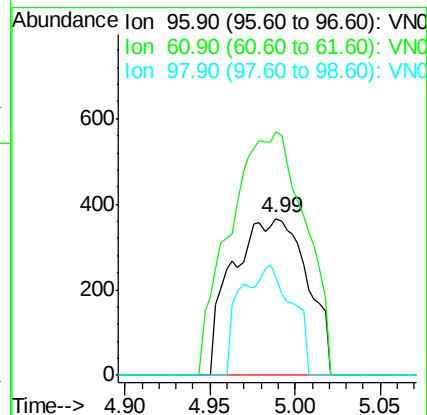
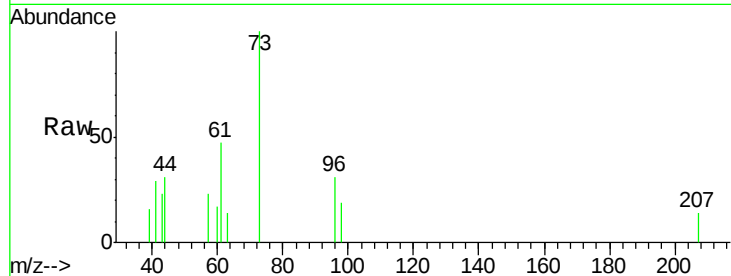
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	1111
Ion	Ratio	Lower	Upper
96	100		
61	155.0	123.0	184.4
98	63.2	50.1	75.1

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#22

Diisopropyl ether

Concen: 1.071 ug/l

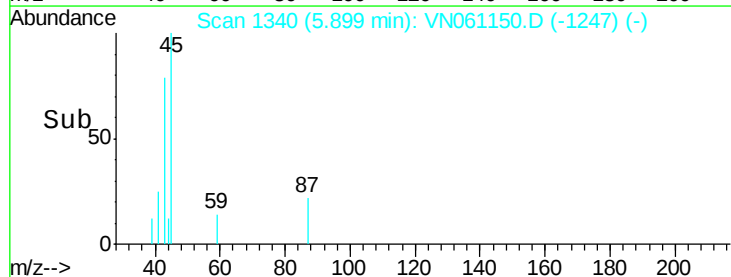
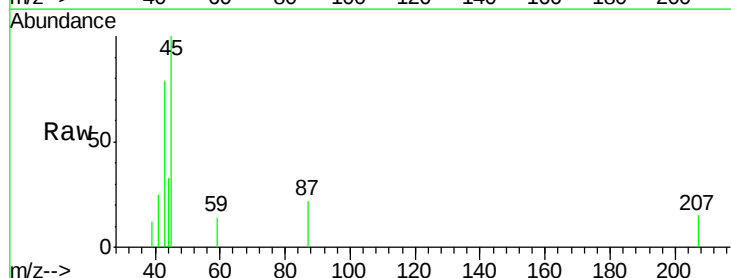
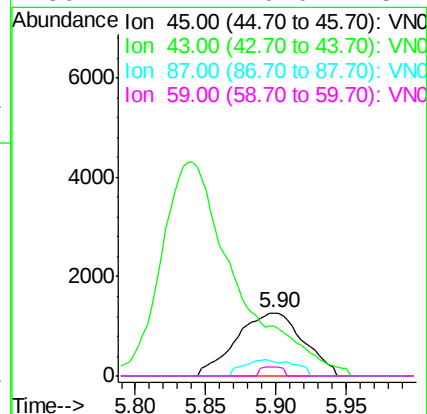
RT: 5.90 min Scan# 1340

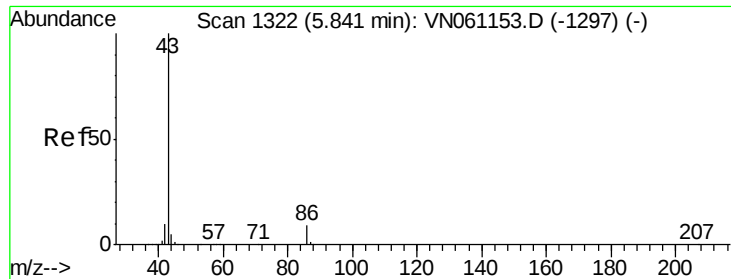
Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion:	45	Resp:	4228
Ion	Ratio	Lower	Upper
45	100		
43	66.2	47.9	71.9
87	22.3	19.2	28.8
59	14.1	9.0	13.4#





#23

Vinyl Acetate

Concen: 5.047 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 15985

Ion Ratio Lower Upper

43 100

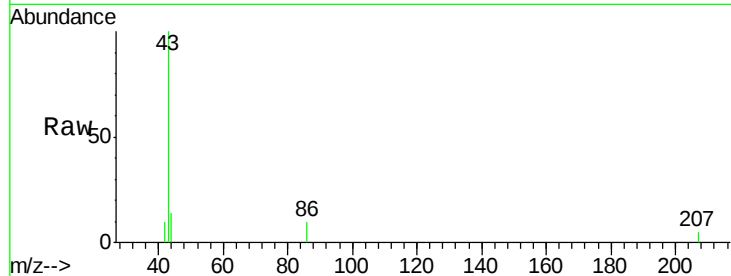
86 10.0 7.2 10.8

Manual Integrations

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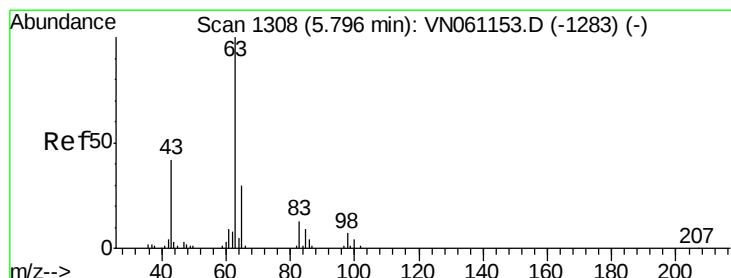
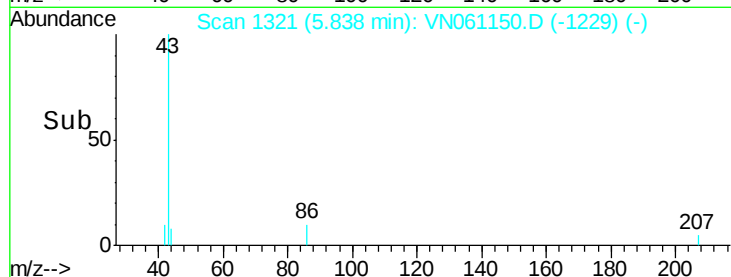
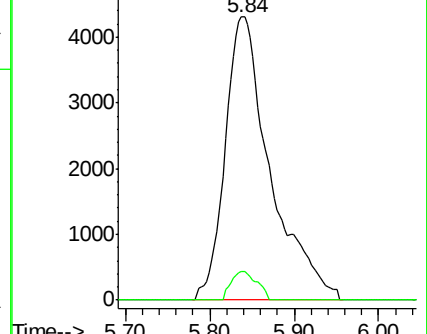
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 1.047 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

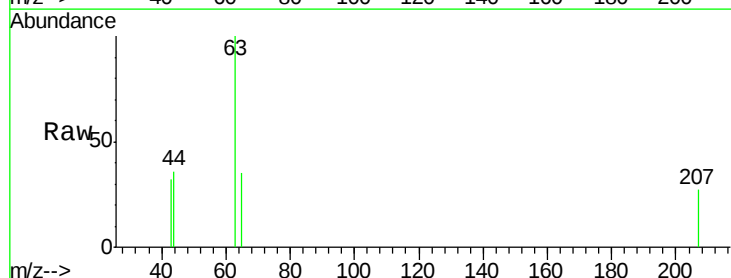
Tgt Ion: 63 Resp: 2255

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

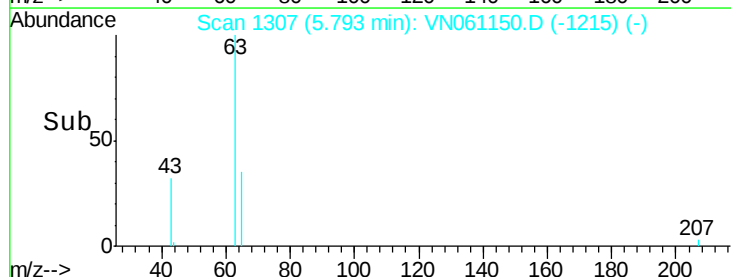
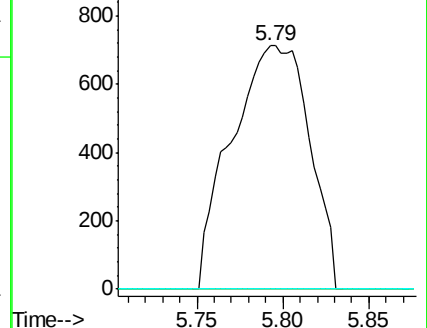
100 0.0 1.9 5.7#

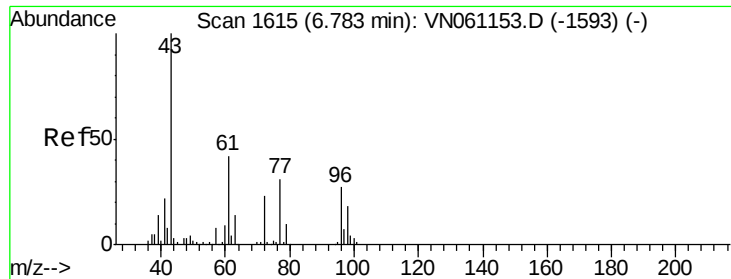


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 5.361 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4210

Ion Ratio Lower Upper

43 100

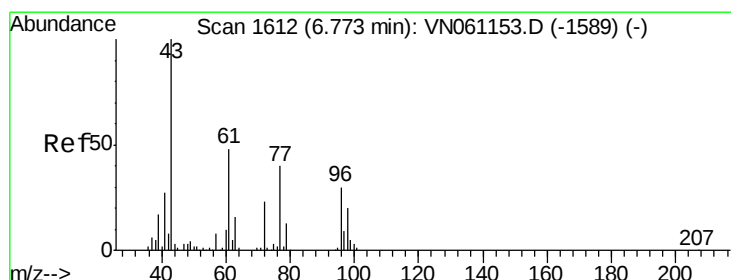
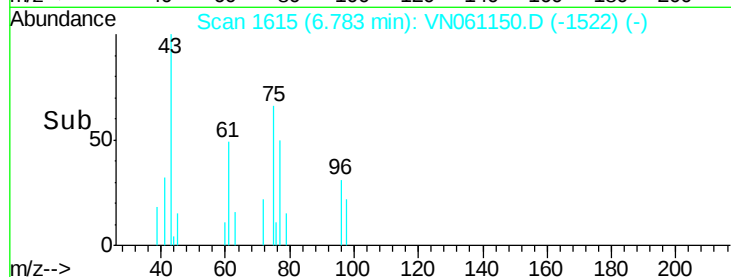
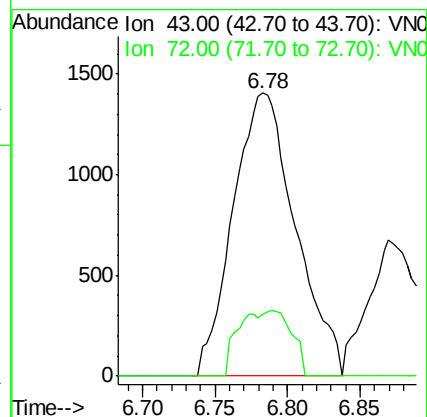
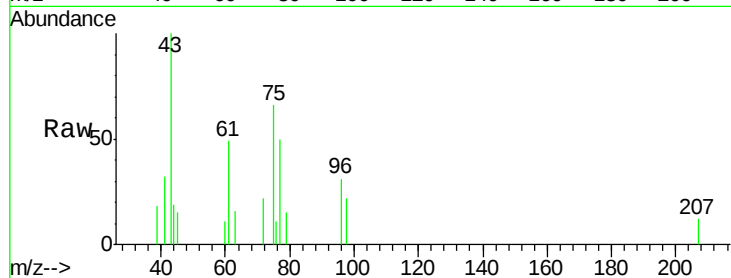
72 21.7 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 1.233 ug/l

RT: 6.77 min Scan# 1610

Delta R.T. -0.01 min

Lab File: VN061150.D

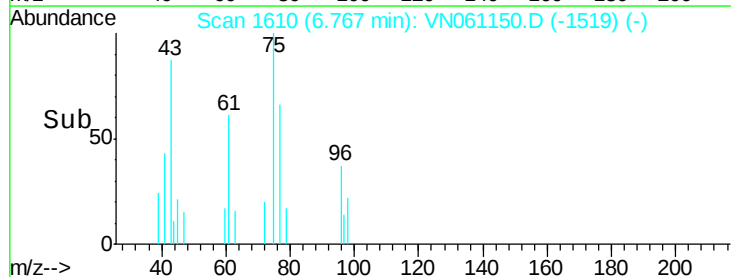
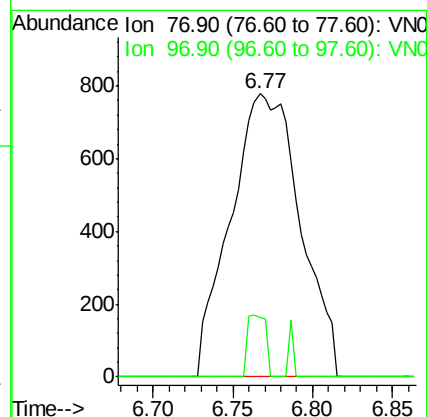
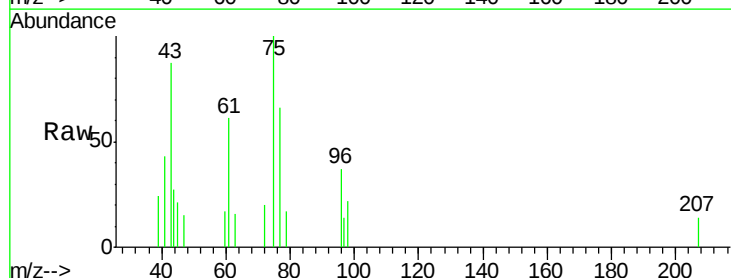
Acq: 27 Apr 2020 15:39

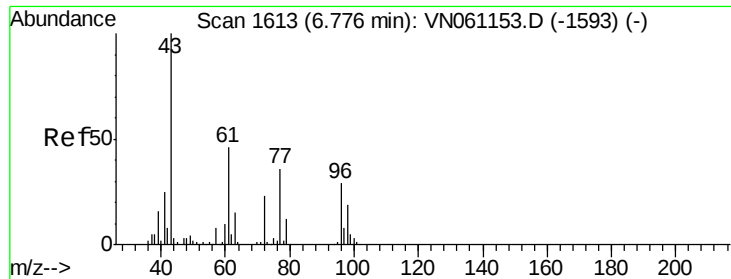
Tgt Ion: 77 Resp: 2343

Ion Ratio Lower Upper

77 100

97 5.5 10.5 31.5#





#27

cis-1,2-Dichloroethene

Concen: 0.901 ug/l m

RT: 6.77 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

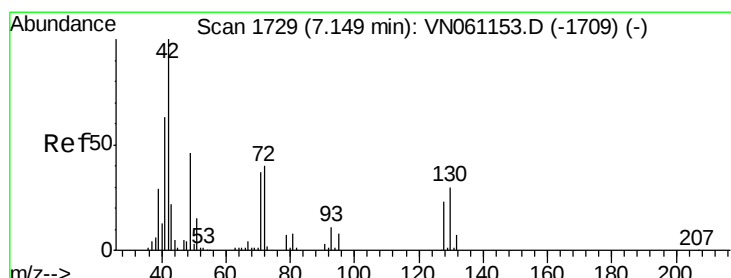
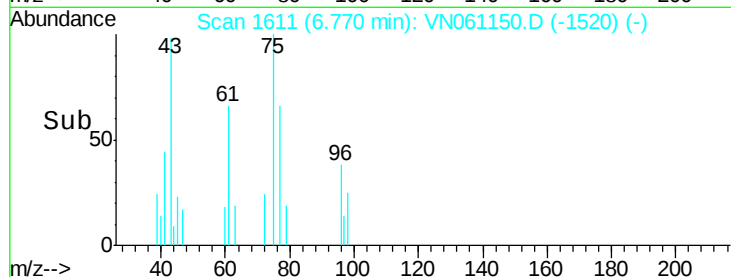
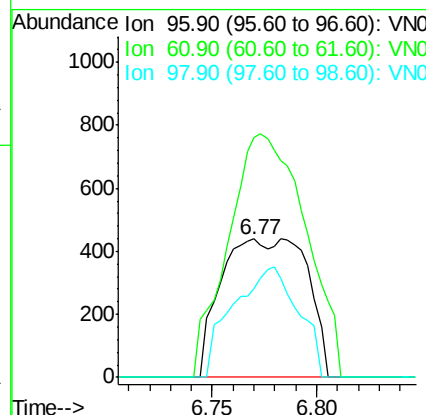
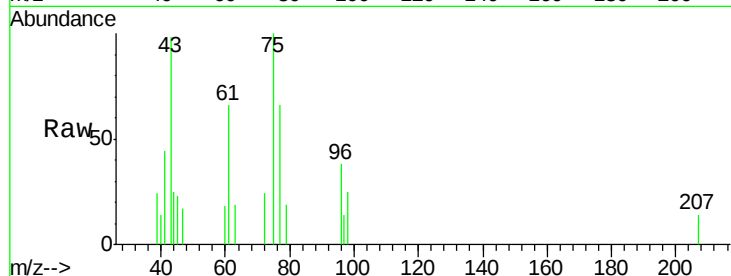
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	1255
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	322.0
98	60.4	0.0	129.6

Manual Integrations
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#28

Bromochloromethane

Concen: 1.106 ug/l

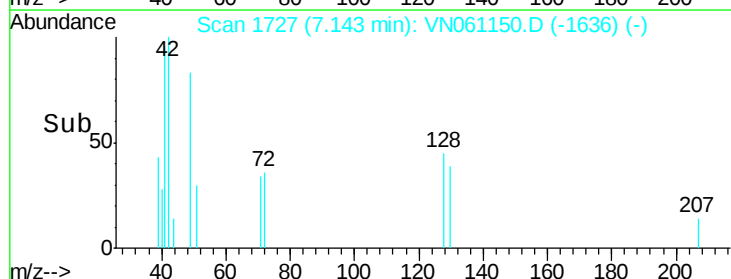
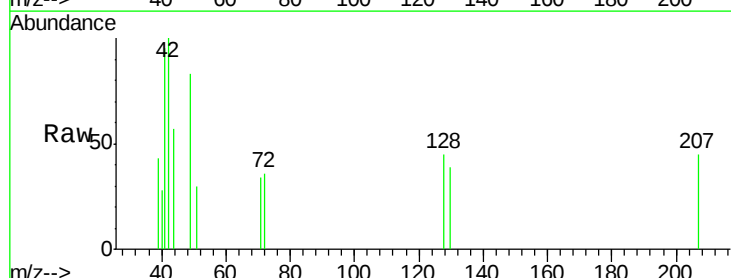
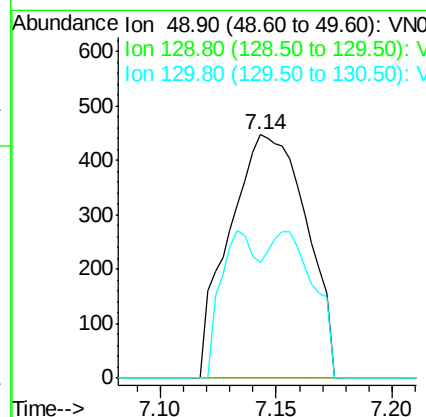
RT: 7.14 min Scan# 1727

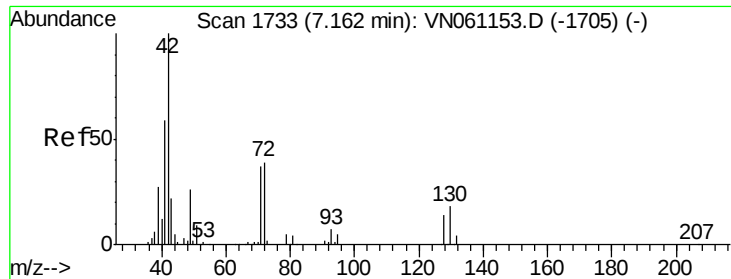
Delta R.T. -0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion:	49	Resp:	1033
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	29.0	51.4	77.2#





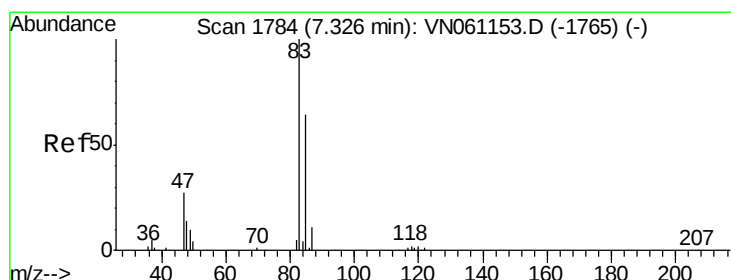
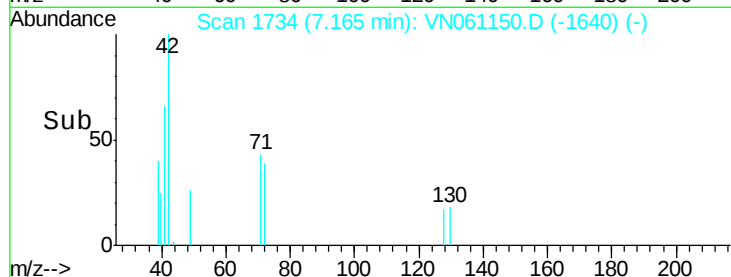
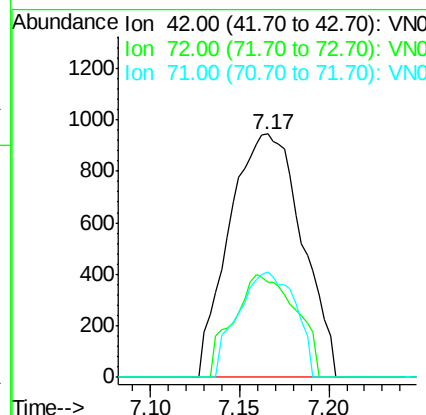
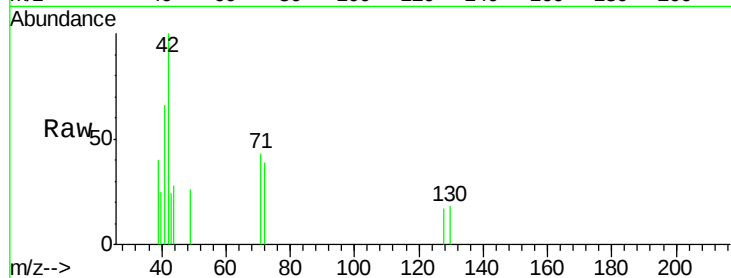
#29
Tetrahydrofuran
Concen: 4.949 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.4	31.4	47.0
71	34.4	29.5	44.3

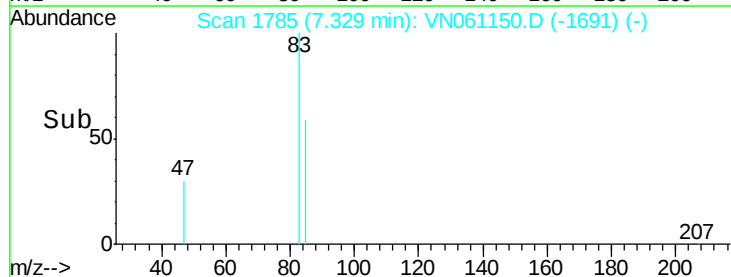
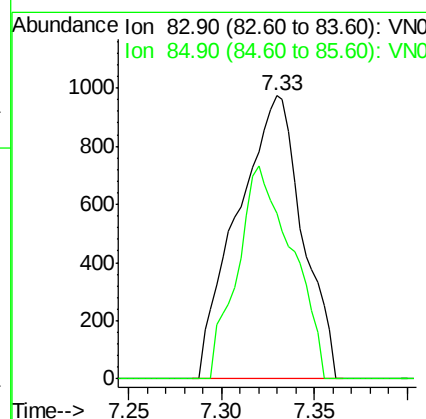
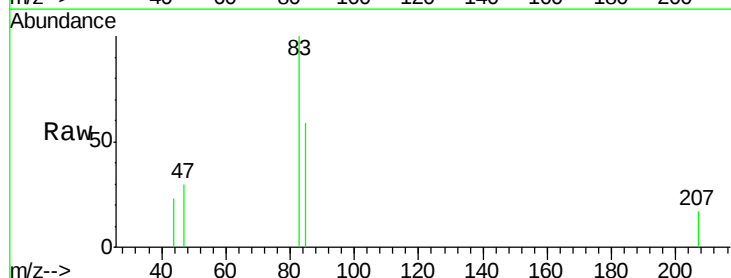
Manual Integrations
APPROVED

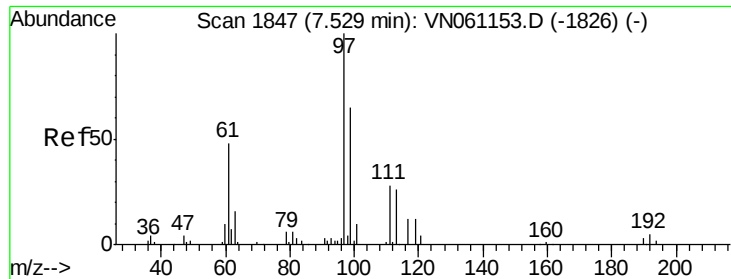
MMDadoda
4/28/2020 8:14:32 PM



#30
Chloroform
Concen: 1.087 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.1	76.7





#32

1,1,1-Trichloroethane

Concen: 1.082 ug/l

RT: 7.52 min Scan# 1844

Delta R.T. -0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

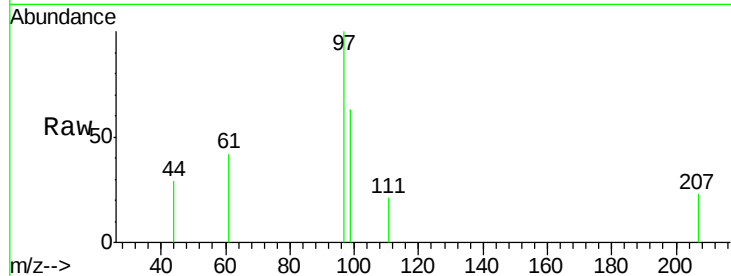
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		2101		
99	0.0	51.3	76.9#		
61	43.1	38.6	57.8		

Manual Integrations
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MMDadoda
4/28/2020 8:14:32 PM

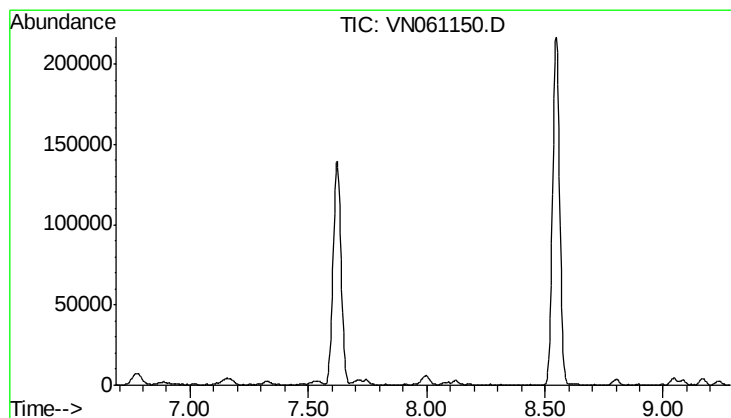
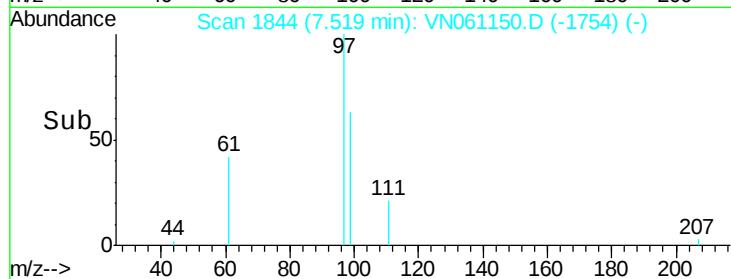
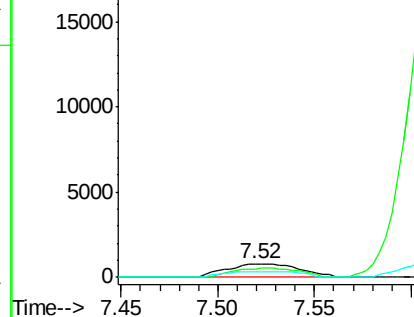


Abundance

Ion 96.90 (96.60 to 97.60): VN061150.D

Ion 98.90 (98.60 to 99.60): VN061150.D

Ion 60.90 (60.60 to 61.60): VN061150.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN061150.D

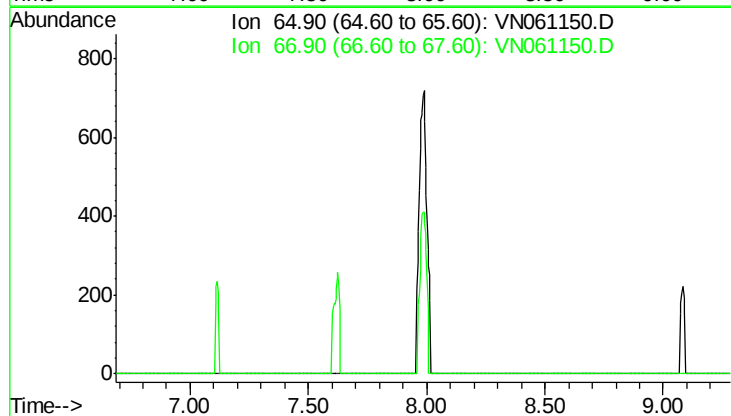
Acq: 27 Apr 2020 15:39

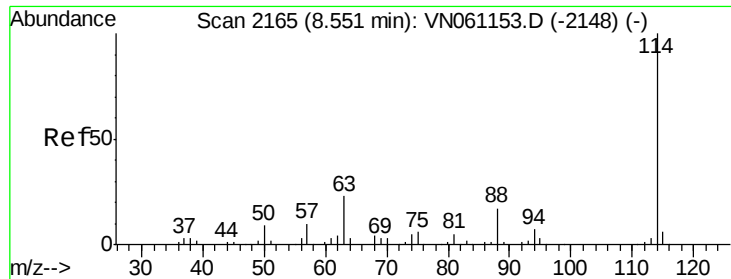
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.8





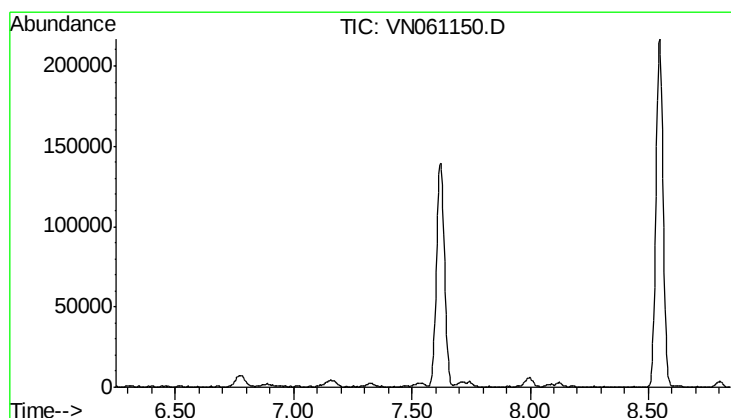
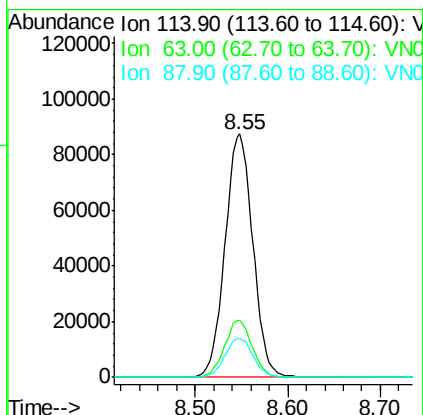
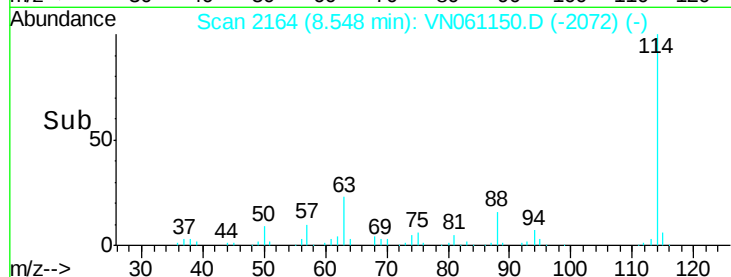
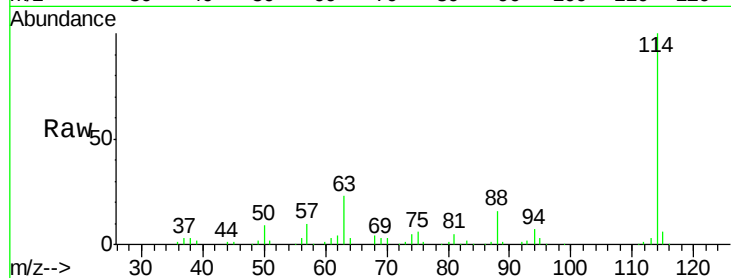
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	23.3	0.0	46.6	
88	16.2	0.0	33.4	

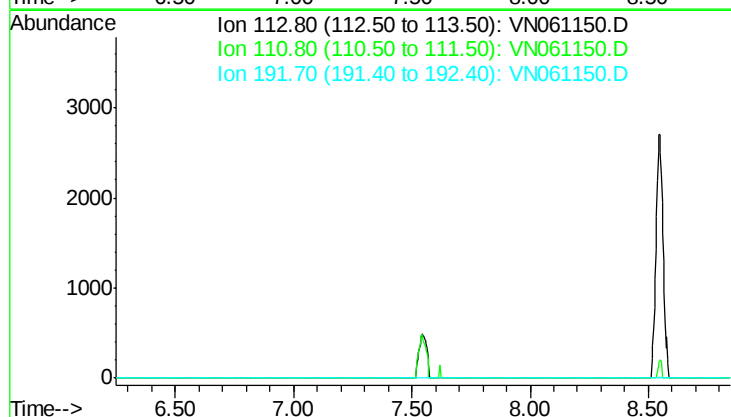
Manual Integrations
 APPROVED

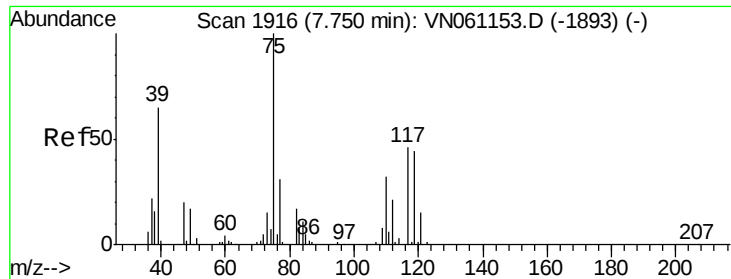
MMDadoda
 4/28/2020 8:14:32 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Sig	Exp Ratio
113	100	
111	103.6	
192	18.4	





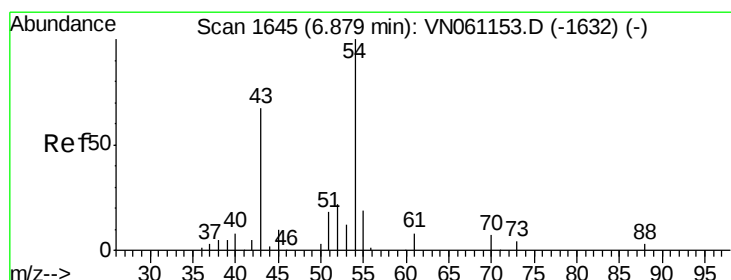
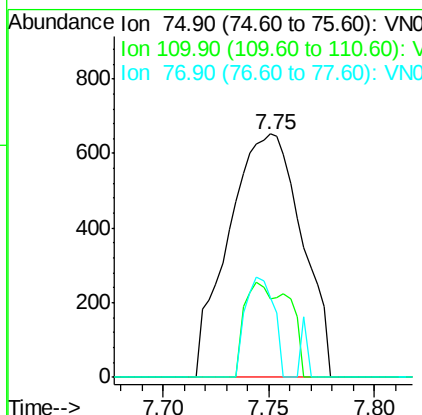
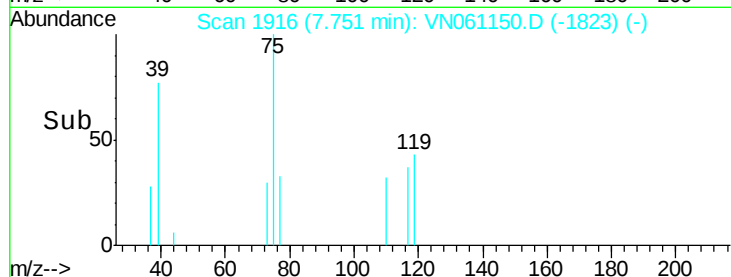
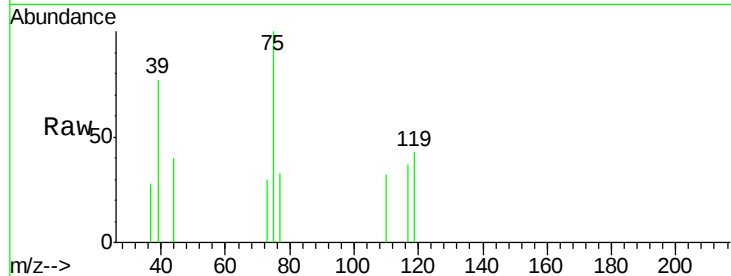
#36
 1,1-Dichloropropene
 Concen: 0.882 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	23.7	16.0	48.0
77	16.1	24.6	37.0

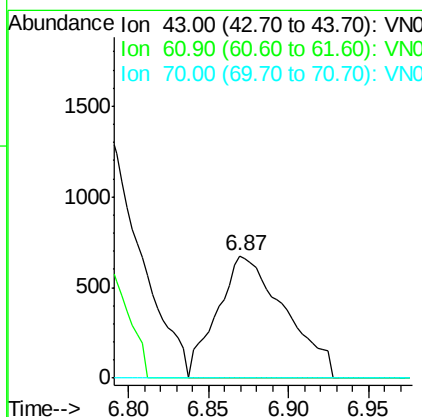
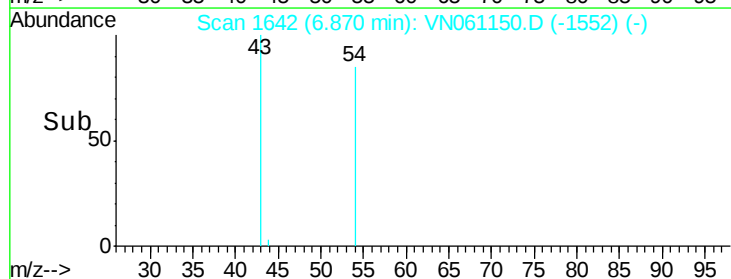
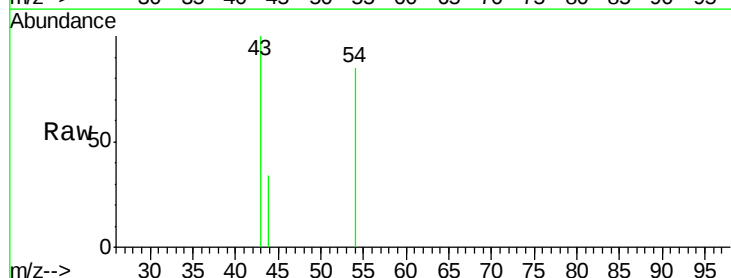
Manual Integrations
 APPROVED

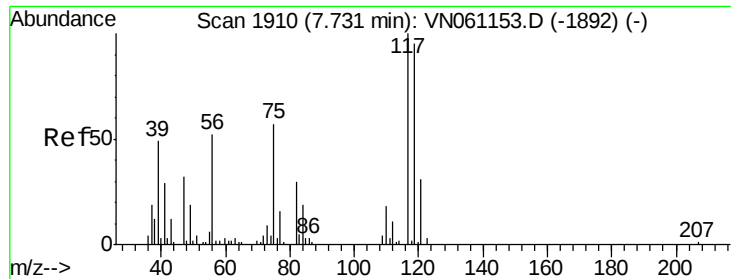
MMDadoda
 4/28/2020 8:14:32 PM



#37
 Ethyl Acetate
 Concen: 1.071 ug/l
 RT: 6.87 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2
70	0.0	7.2	10.8





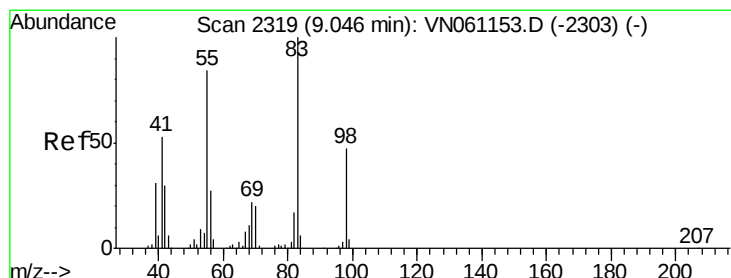
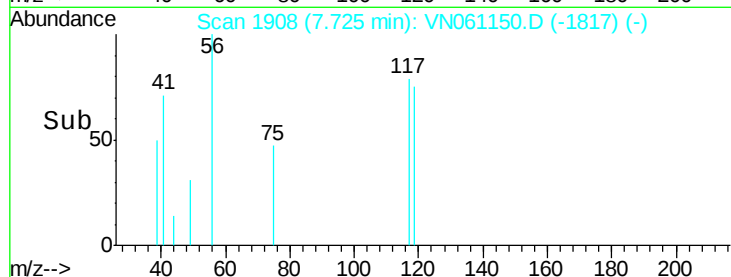
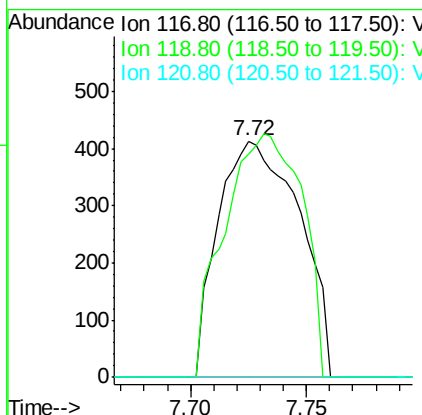
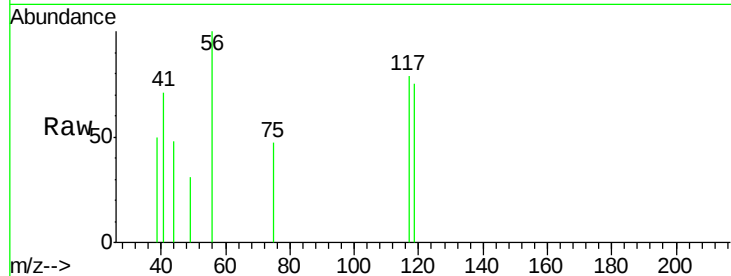
#38
Carbon Tetrachloride
Concen: 0.649 ug/l
RT: 7.72 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
121	0.0	24.7	37.1#

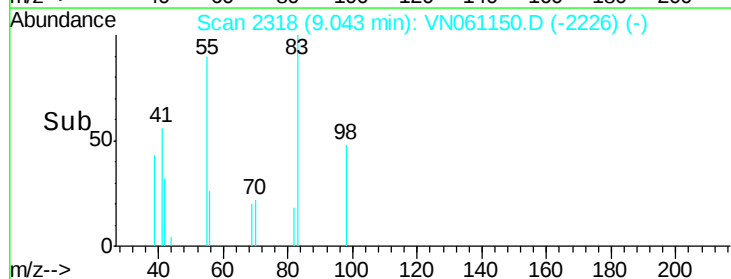
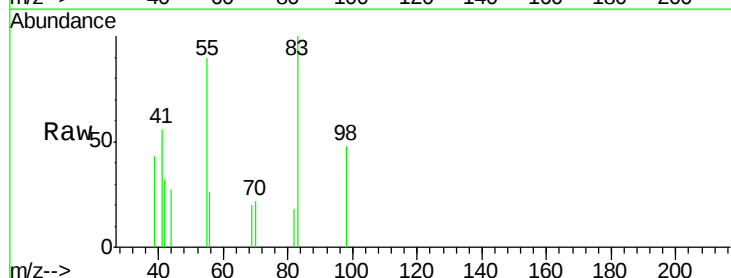
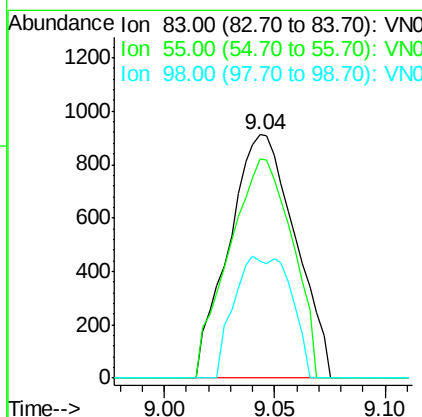
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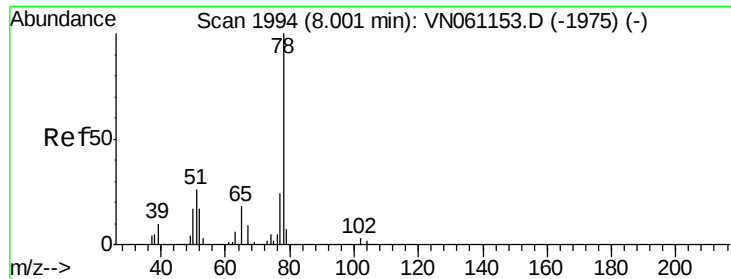
MMDadoda
4/28/2020 8:14:32 PM



#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.0	67.3	100.9
98	48.2	37.7	56.5





#40

Benzene

Concen: 1.013 ug/l

RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 5334

Ion Ratio Lower Upper

78 100

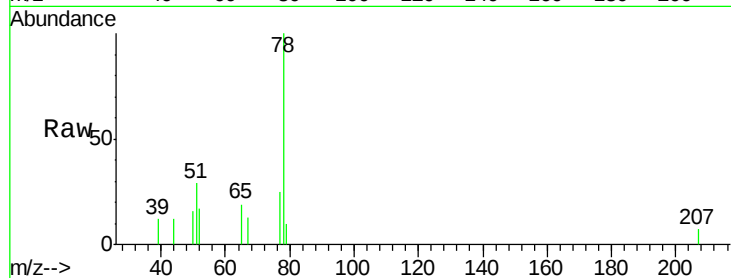
77 24.7 19.0 28.6

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VN061153.D (-1975) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-1975) (-)

8.00

2500

2000

1500

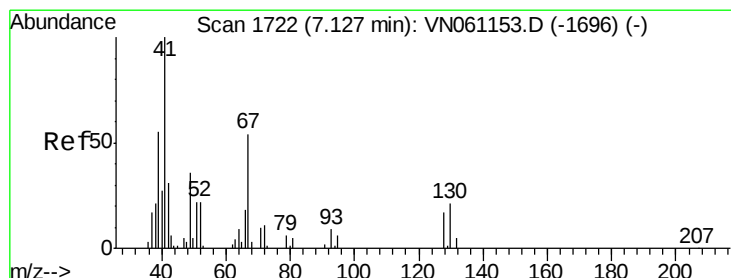
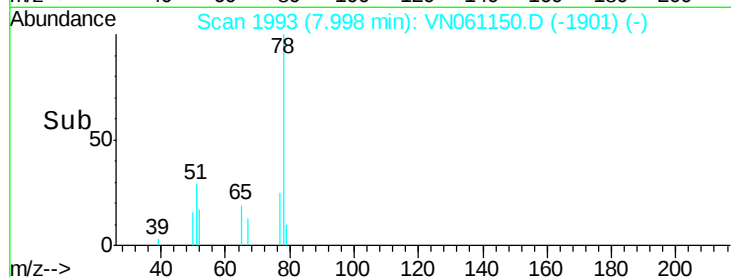
1000

500

0

7.95 8.00 8.05

Time-->



#41

Methacrylonitrile

Concen: 1.023 ug/l m

RT: 7.13 min Scan# 1724

Delta R.T. 0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion: 41 Resp: 858

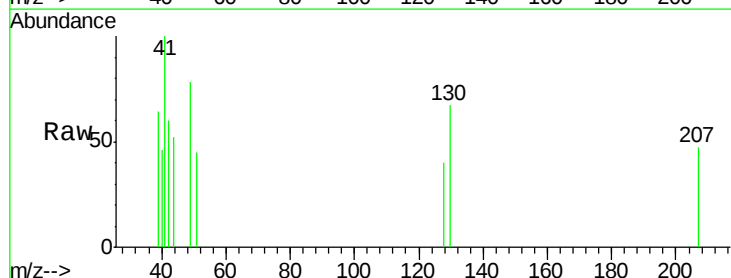
Ion Ratio Lower Upper

41 100

39 73.8 0.0 0.0#

67 22.3 0.0 0.0#

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-1696) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-1696) (-)

Ion 67.00 (66.70 to 67.70): VN061153.D (-1696) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1696) (-)

800

600

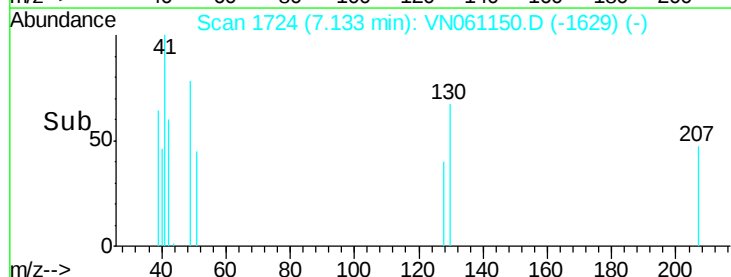
400

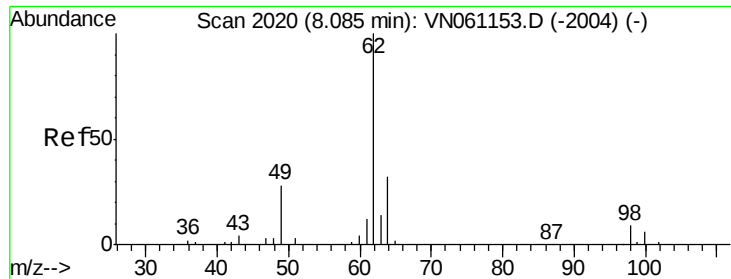
200

0

7.08 7.10 7.12 7.14

Time-->





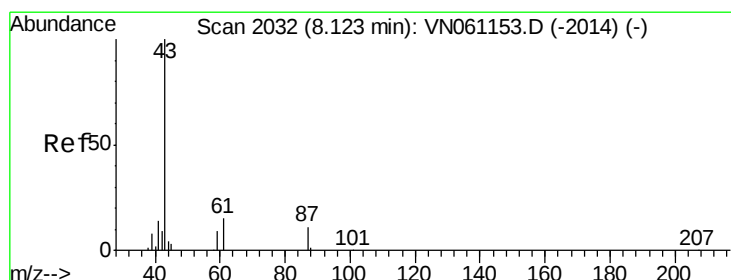
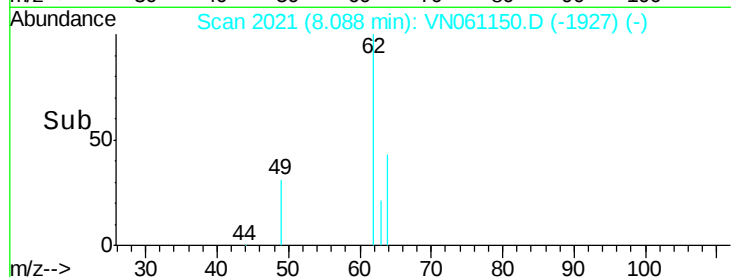
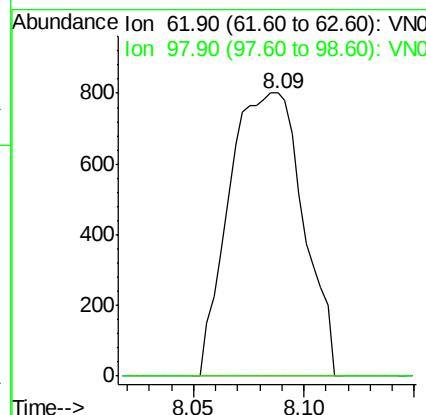
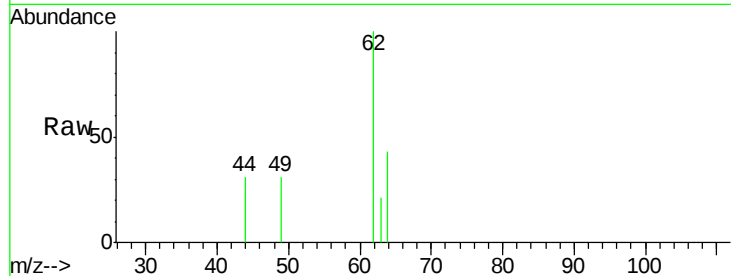
#42
 1,2-Dichloroethane
 Concen: 0.978 ug/l
 RT: 8.09 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.8

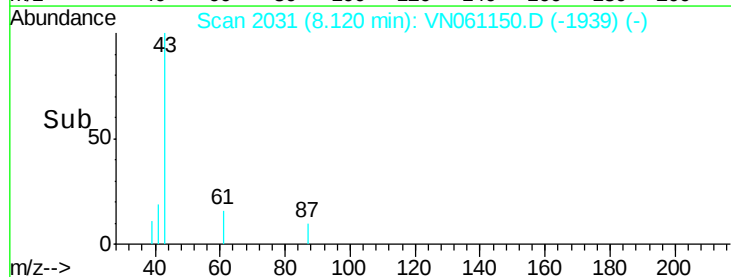
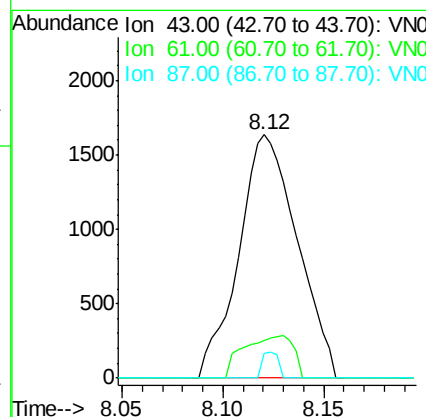
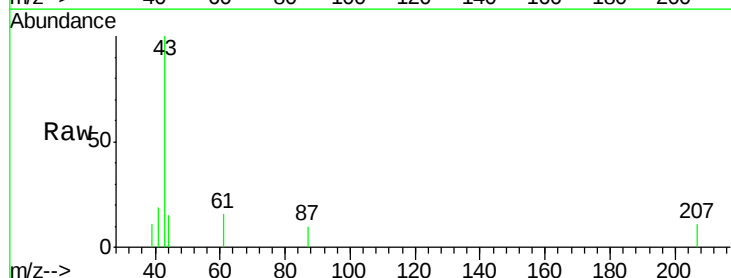
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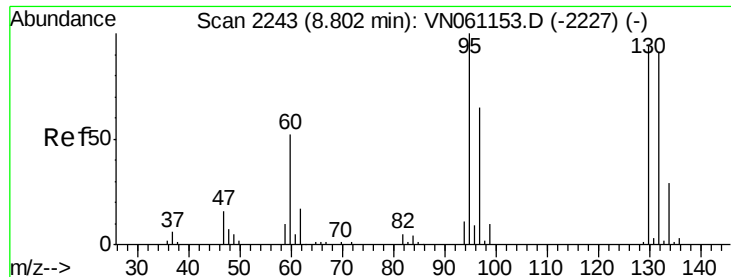
MMDadoda
 4/28/2020 8:14:32 PM



#43
 Isopropyl Acetate
 Concen: 1.065 ug/l
 RT: 8.12 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	19.5	29.3#
87	2.9	8.9	13.3#





#44

Trichloroethene

Concen: 1.025 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 1552

Ion Ratio Lower Upper

130 100

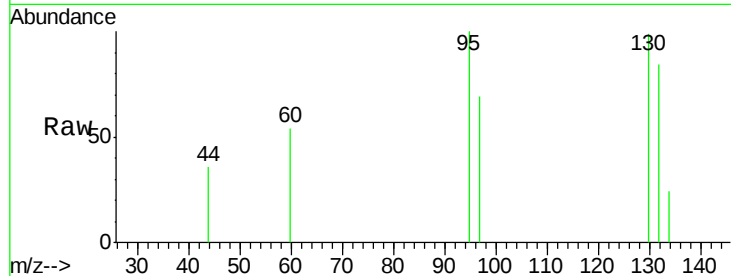
95 100.5 0.0 212.4

Manual Integrations

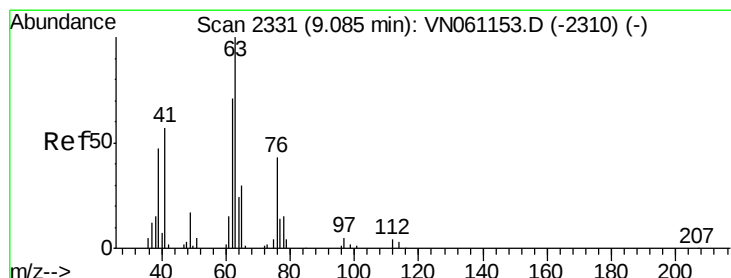
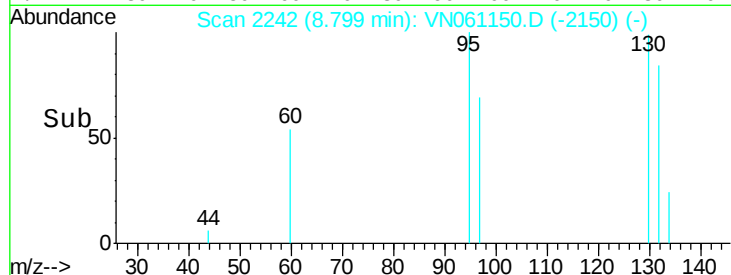
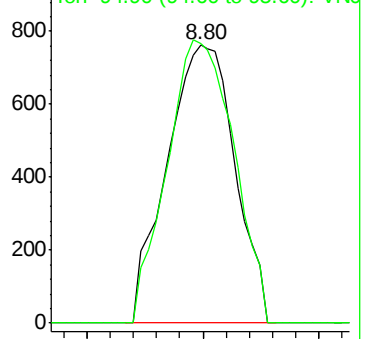
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4/28/2020 8:14:32 PM



Abundance Ion 129.80 (129.50 to 130.50): V



#45

1,2-Dichloropropane

Concen: 0.968 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061150.D

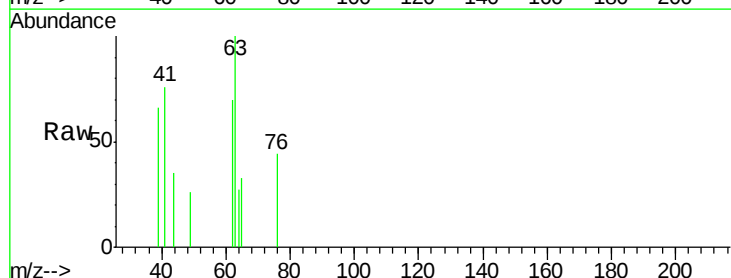
Acq: 27 Apr 2020 15:39

Tgt Ion: 63 Resp: 1356

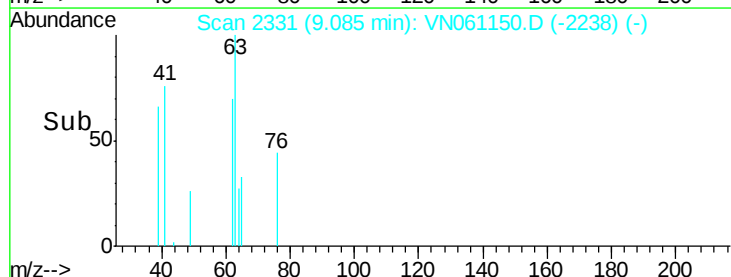
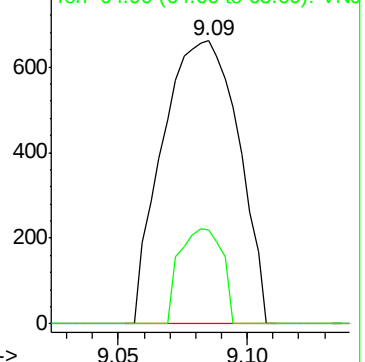
Ion Ratio Lower Upper

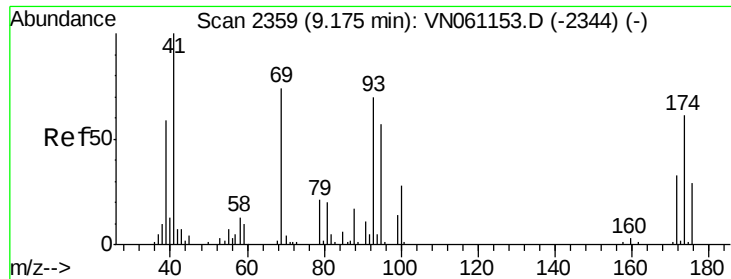
63 100

65 33.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0





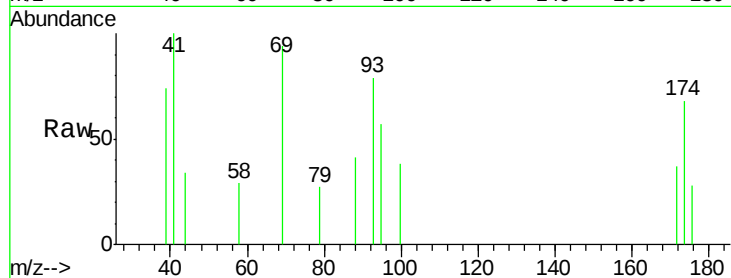
#46
Dibromomethane
Concen: 0.816 ug/l
RT: 9.17 min Scan# 2357
Delta R.T. -0.01 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

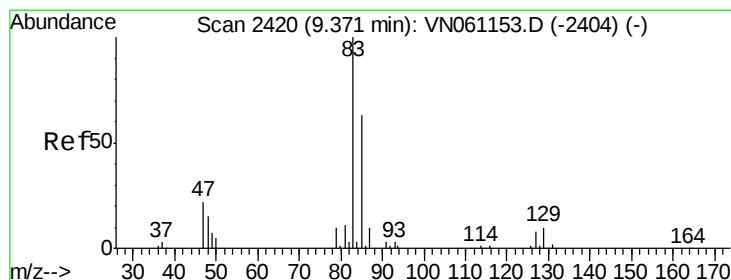
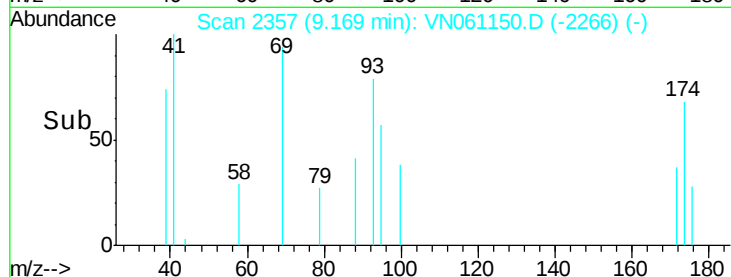
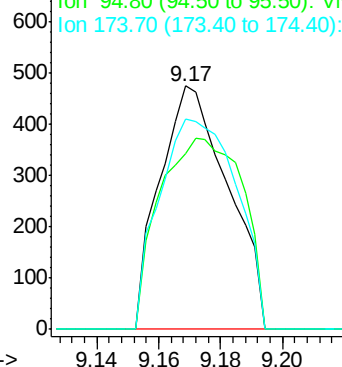
Tot Ion: 93 Resp: 728
Ion Ratio Lower Upper
93 100
95 95.1 66.6 99.8
174 97.7 70.2 105.2

Manual Integrations
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MMDadoda
4/28/2020 8:14:32 PM

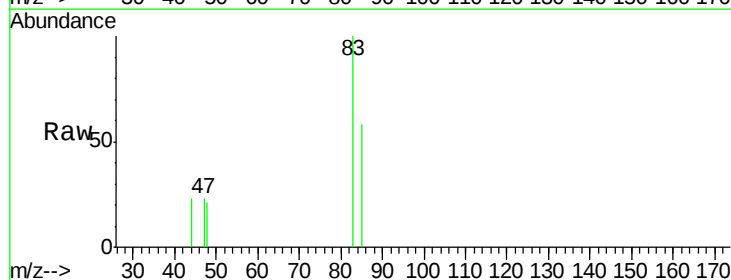


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

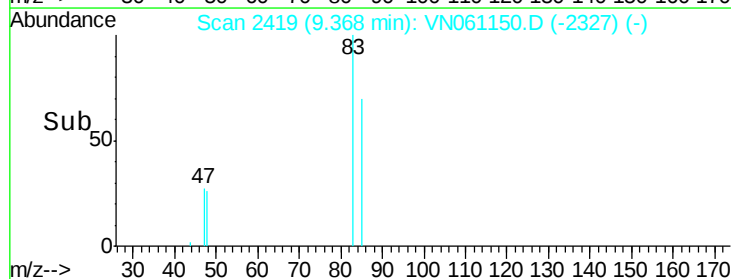
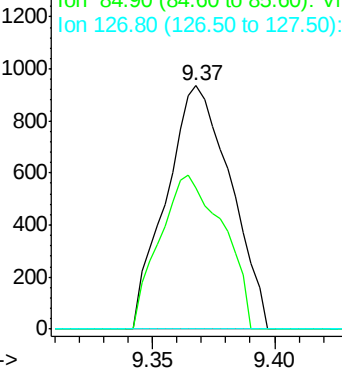


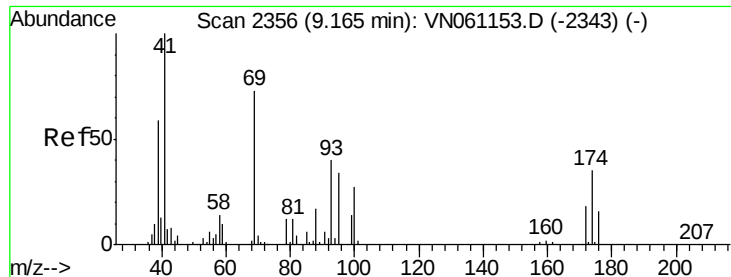
#47
Bromodichloromethane
Concen: 0.965 ug/l
RT: 9.37 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion: 83 Resp: 1713
Ion Ratio Lower Upper
83 100
85 58.2 50.4 75.6
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





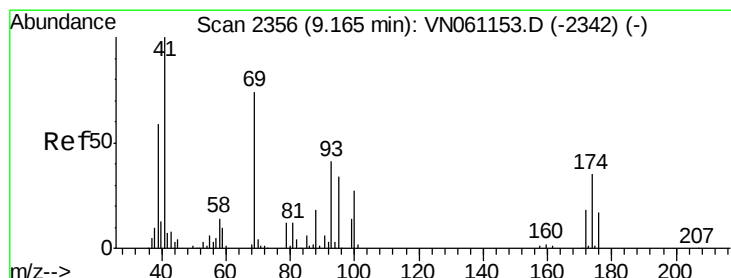
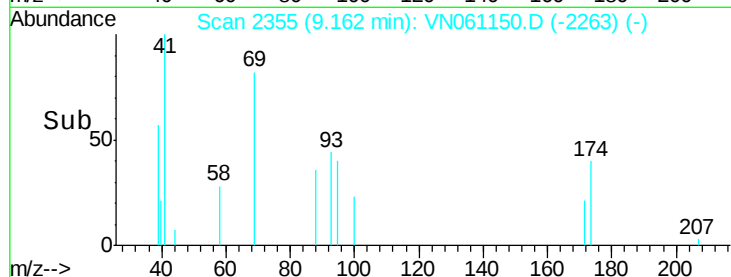
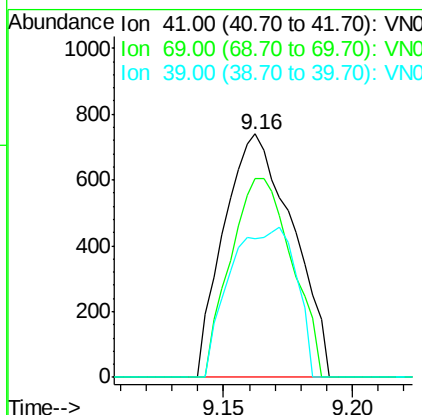
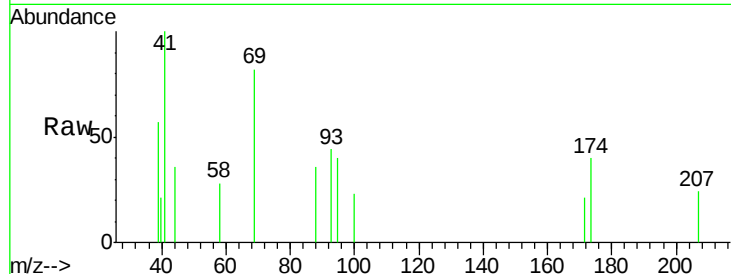
#48
Methvl methacrylate
Concen: 0.945 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	73.0	60.3	90.5
39	59.4	47.4	71.0

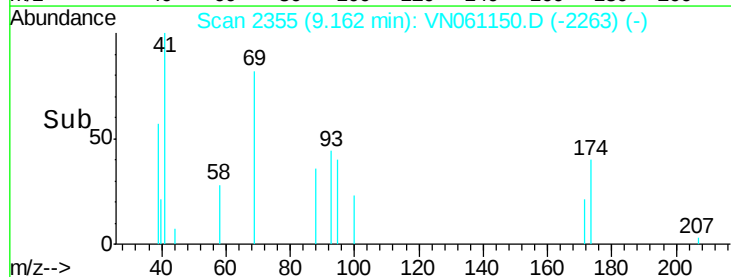
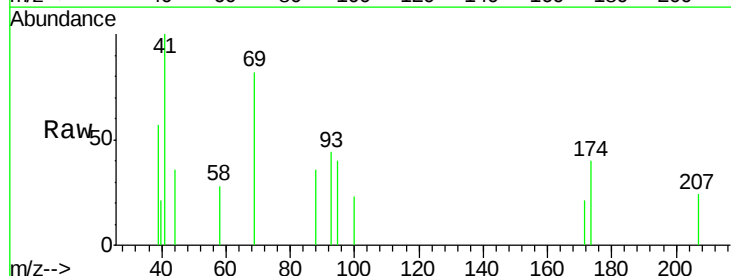
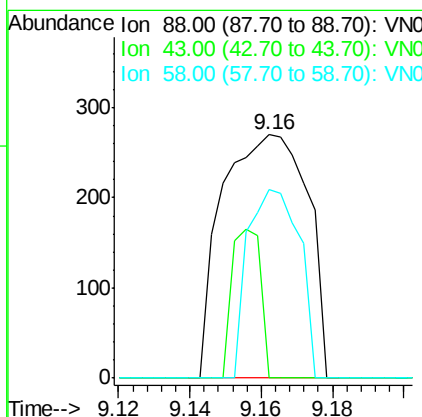
Manual Integrations
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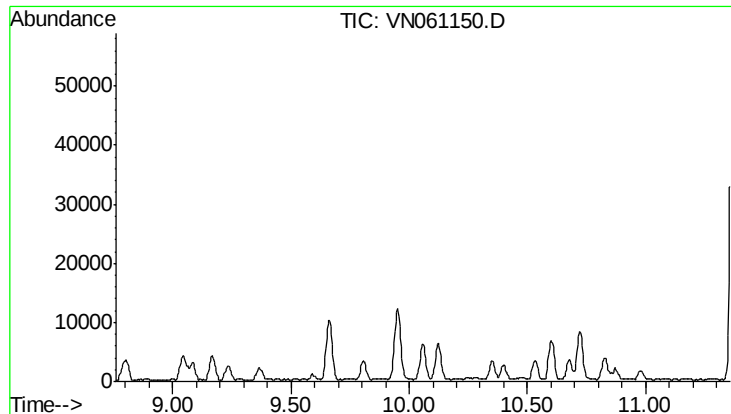
MMDadoda
4/28/2020 8:14:32 PM



#49
1,4-Dioxane
Concen: 20.934 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	20.7	35.3	52.9#
58	47.0	61.5	92.3#





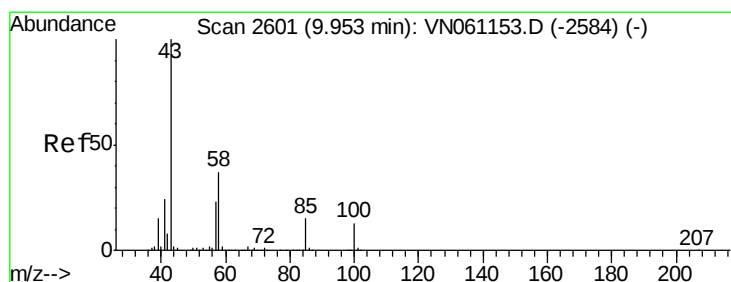
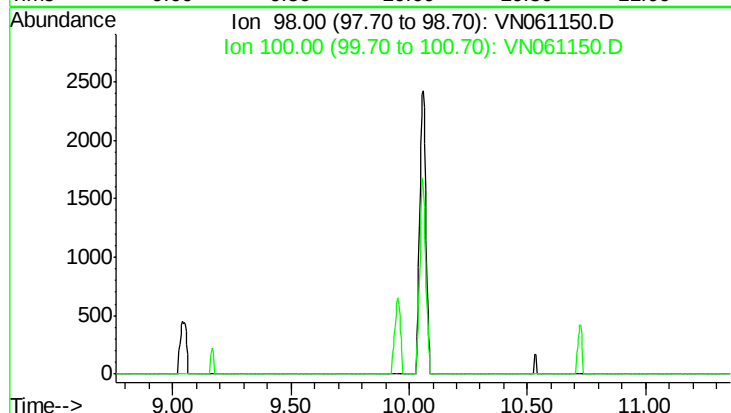
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.7

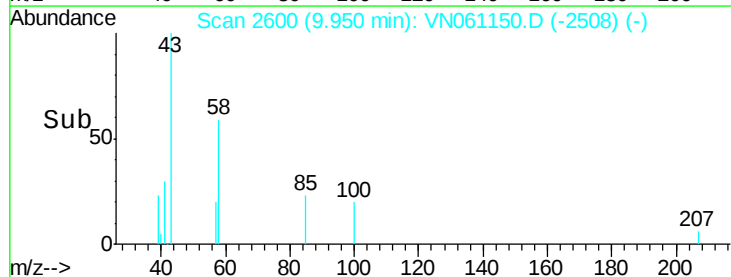
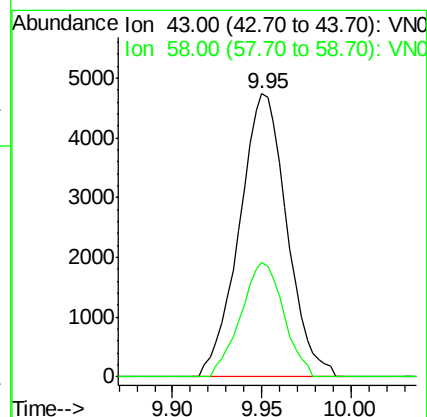
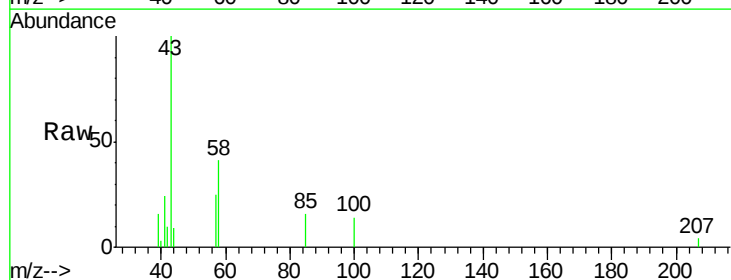
Manual Integrations
APPROVED

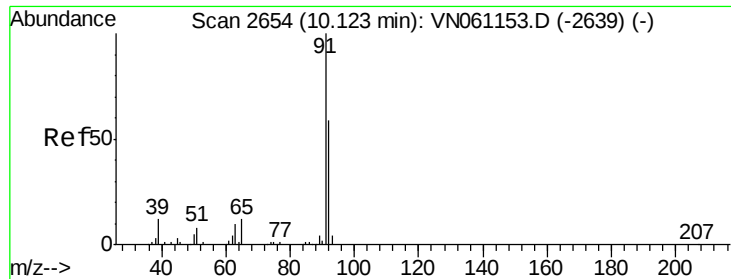
MMDadoda
4/28/2020 8:14:32 PM



#51
4-Methyl-2-Pentanone
Concen: 4.844 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion: 43 Resp: 8795
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7





#52

Toluene

Concen: 0.891 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 2933

Ion Ratio Lower Upper

92 100

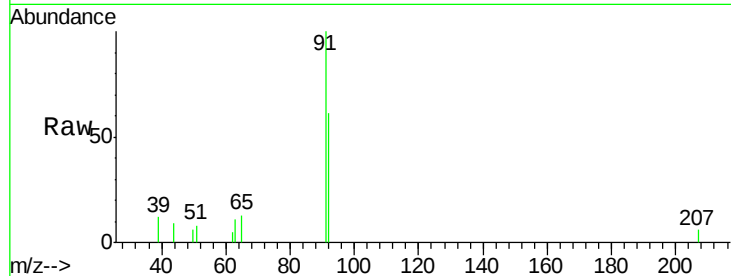
91 179.6 136.2 204.2

Manual Integrations

APPROVED

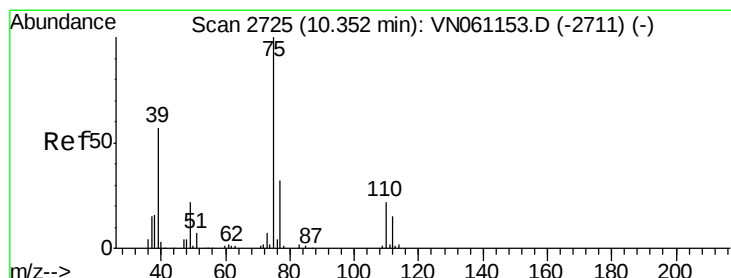
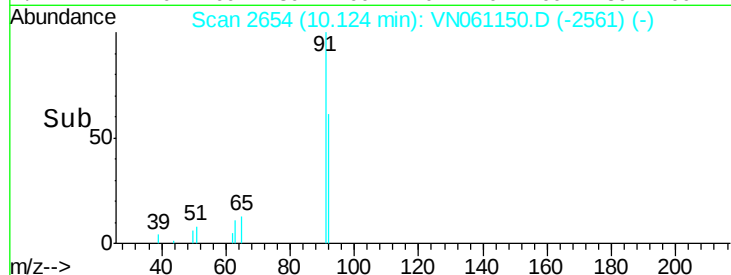
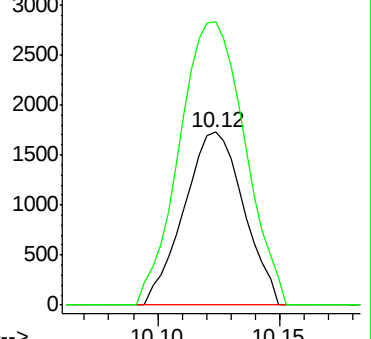
MMDadoda

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Abundance Ion 92.00 (91.70 to 92.70): VN061150.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061150.D (-2639) (-)



#53

t-1,3-Dichloropropene

Concen: 0.946 ug/l

RT: 10.35 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061150.D

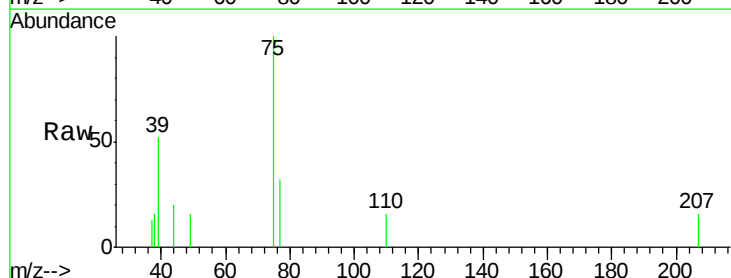
Acq: 27 Apr 2020 15:39

Tgt Ion: 75 Resp: 2038

Ion Ratio Lower Upper

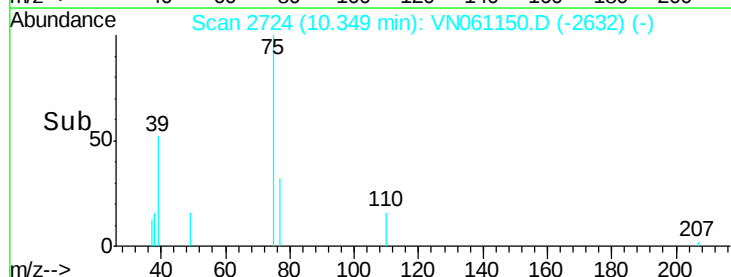
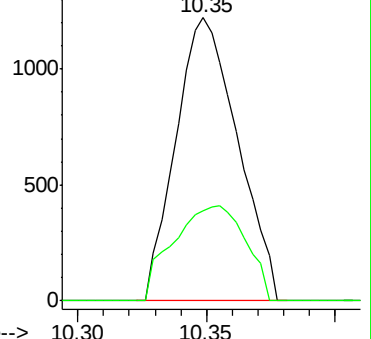
75 100

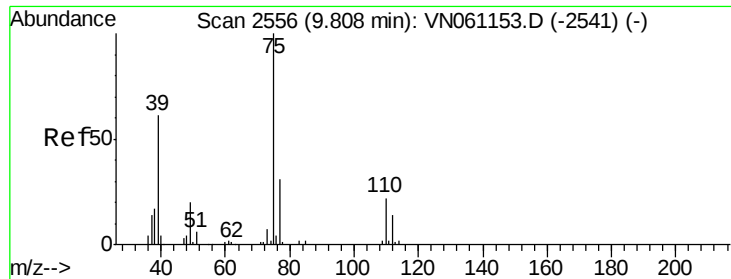
77 31.9 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN061150.D (-2632) (-)

Ion 76.90 (76.60 to 77.60): VN061150.D (-2632) (-)





#54

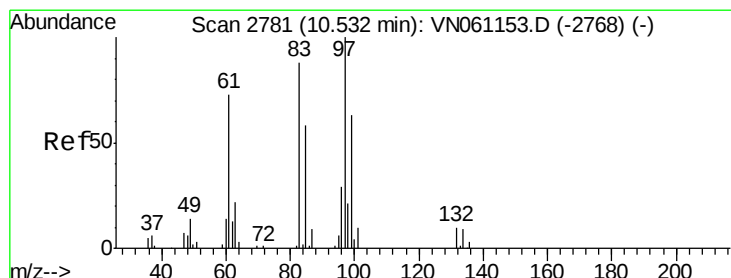
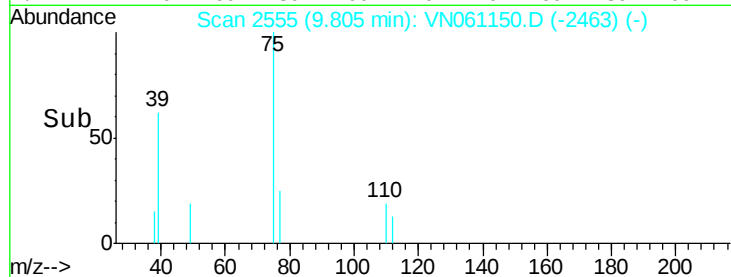
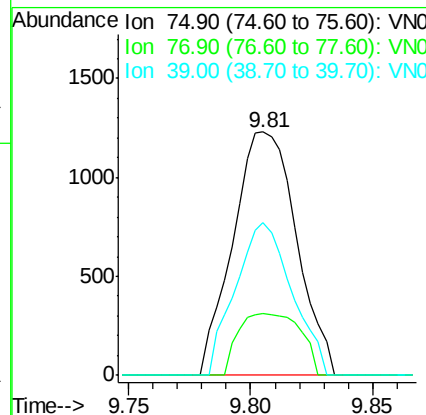
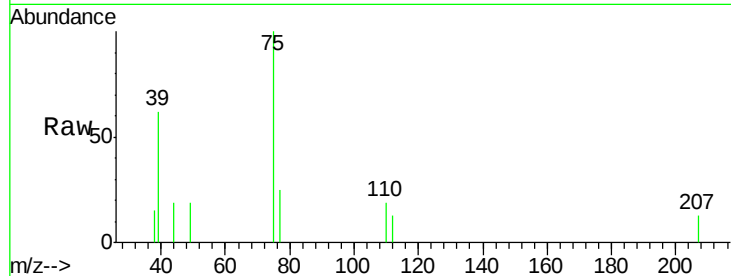
cis-1,3-Dichloropropene
 Concen: 0.994 ug/l
 RT: 9.81 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	25.4	25.0	37.4
39	62.5	48.7	73.1

Manual Integrations
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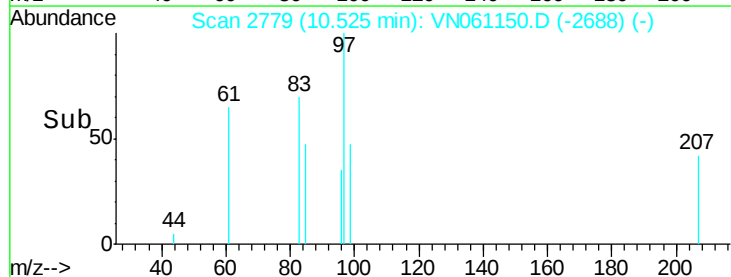
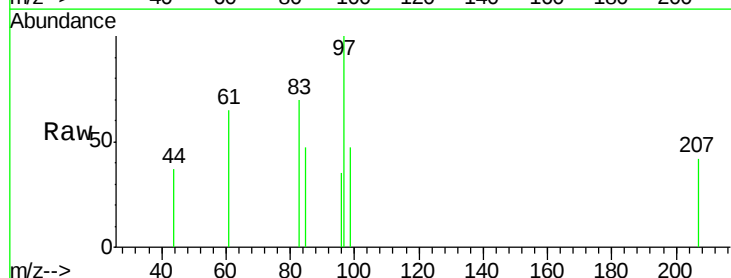
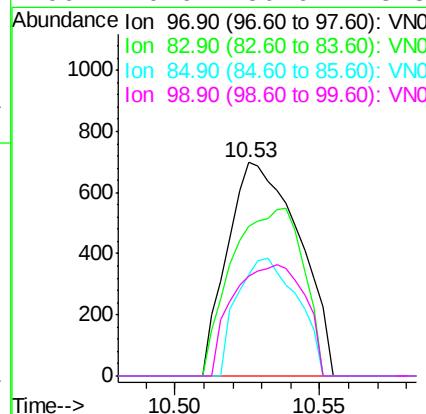
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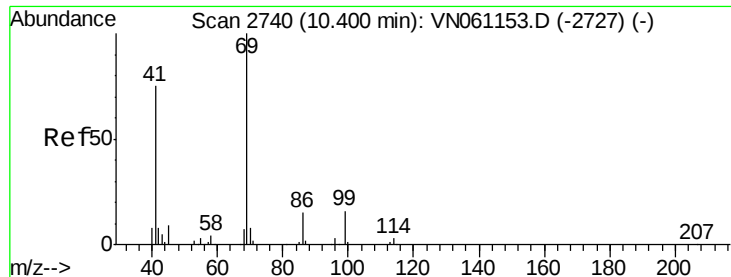


#55

1,1,2-Trichloroethane
 Concen: 0.944 ug/l
 RT: 10.53 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.1	70.6	106.0#
85	47.1	46.4	69.6
99	46.6	50.6	75.8#





#56

Ethyl methacrylate

Concen: 0.714 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

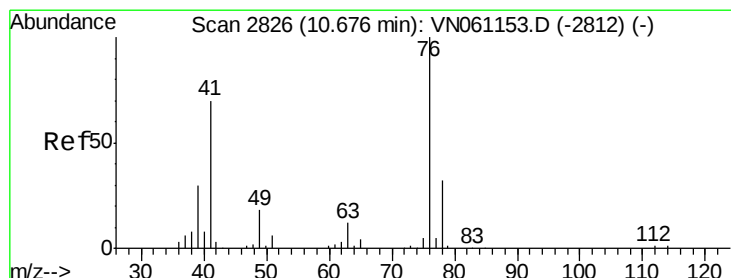
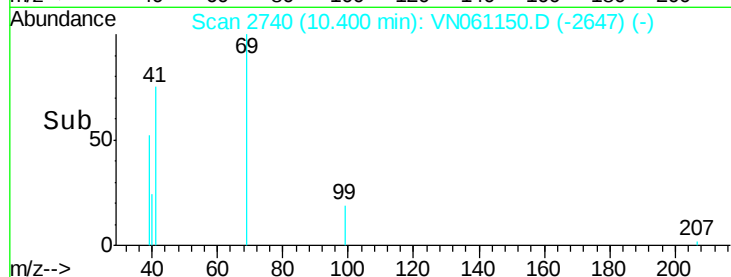
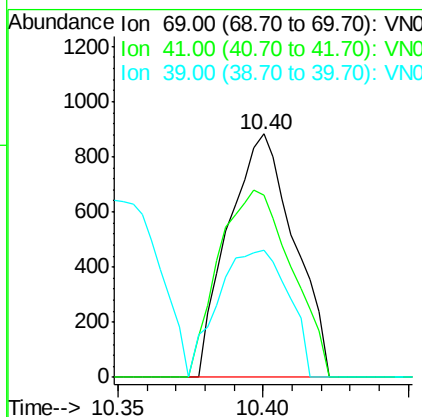
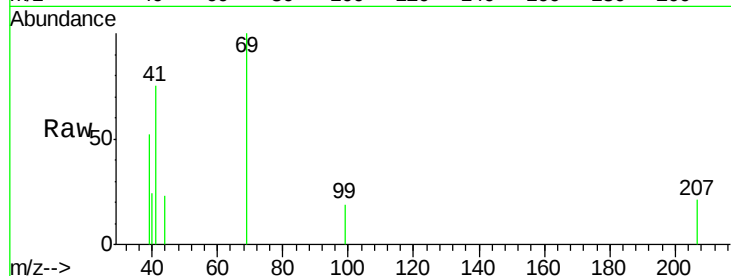
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	1388
Ion	Ratio	Lower	Upper
69	100		
41	85.4	60.3	90.5
39	55.8	35.9	53.9#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.901 ug/l

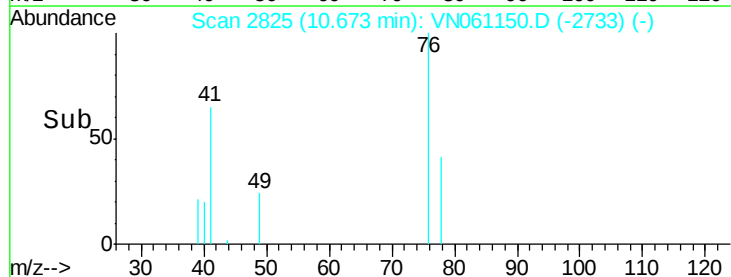
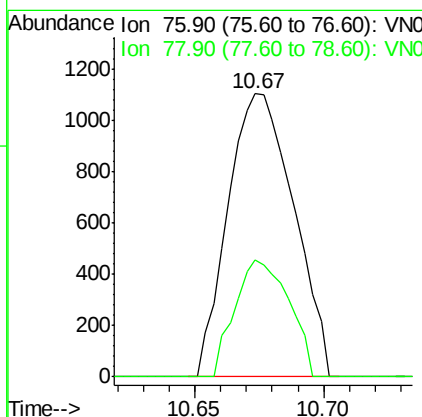
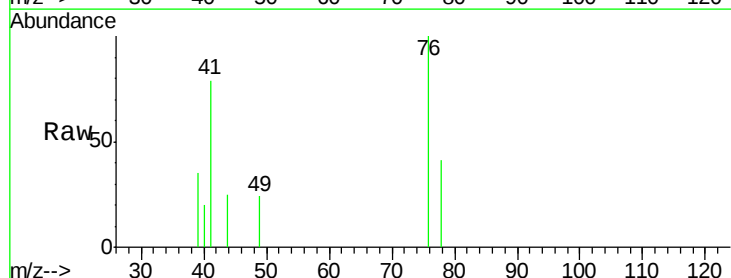
RT: 10.67 min Scan# 2825

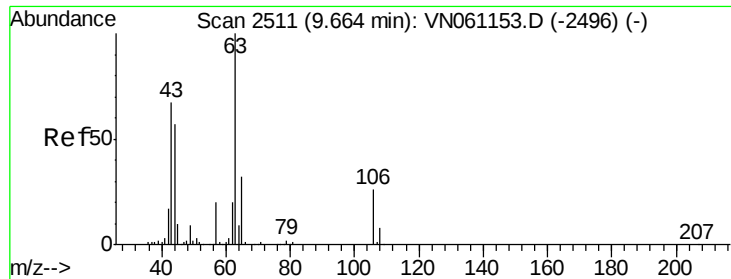
Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion:	76	Resp:	1963
Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.5	38.3





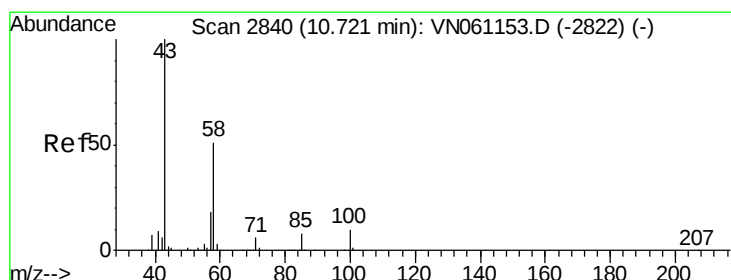
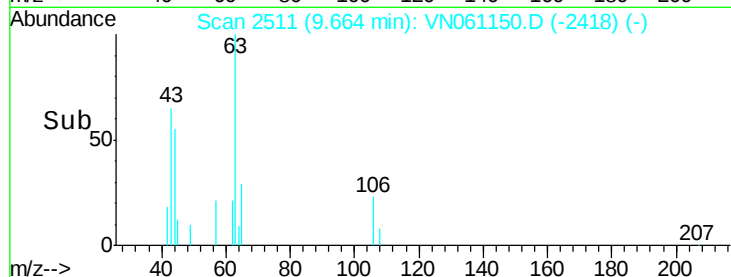
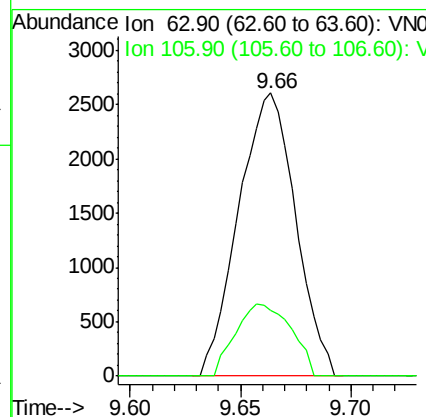
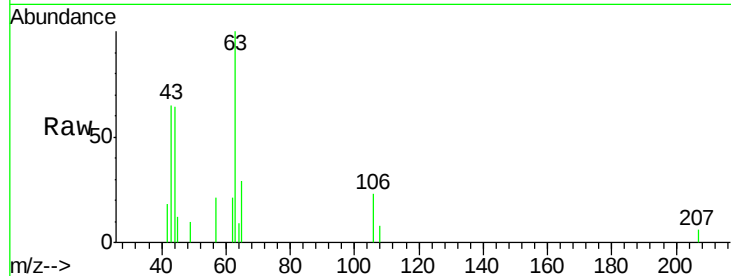
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.662 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 4675
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.6 30.8

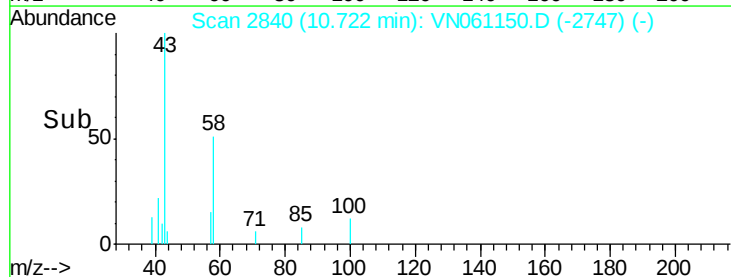
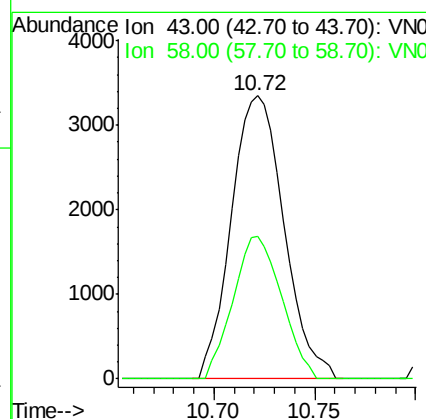
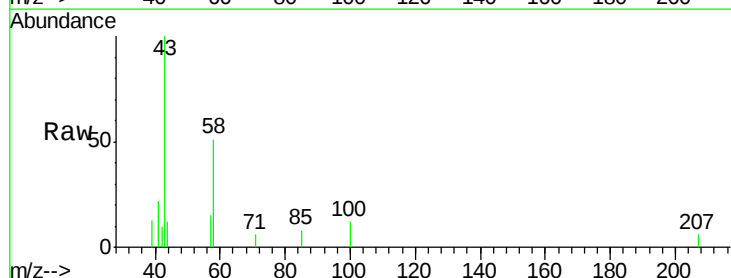
Manual Integrations
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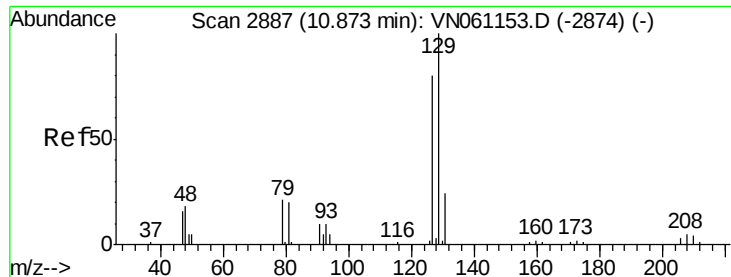
MMDadoda
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#59
 2-Hexanone
 Concen: 4.572 ug/l
 RT: 10.72 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion: 43 Resp: 6125
 Ion Ratio Lower Upper
 43 100
 58 46.3 25.4 76.4





#60

Dibromochloromethane

Concen: 0.917 ug/l

RT: 10.87 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1216

Ion Ratio Lower Upper

129 100

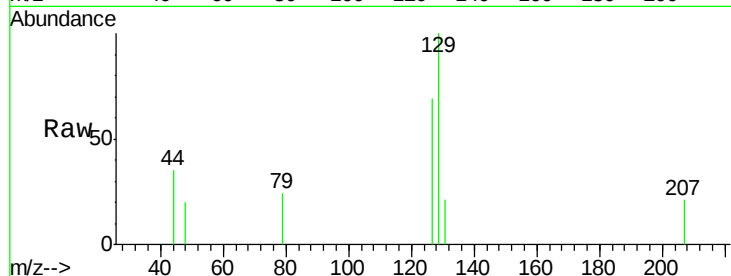
127 70.6 39.3 117.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

800

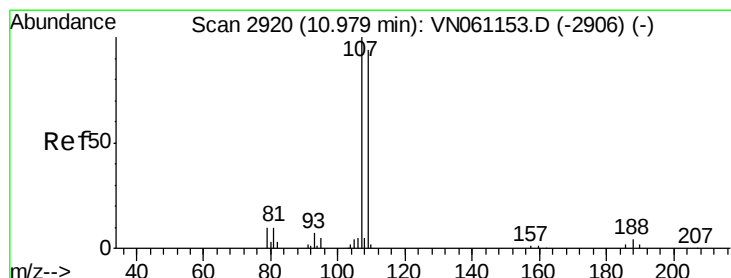
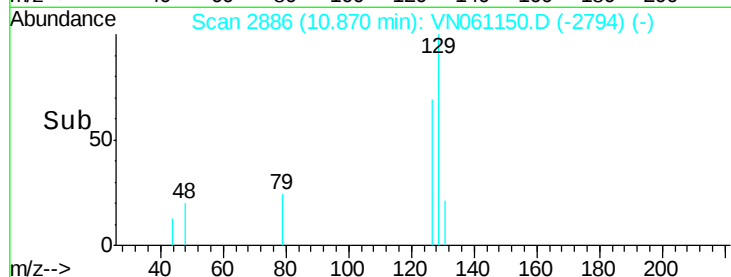
600

400

200

0

Time-->



#61

1,2-Dibromoethane

Concen: 0.818 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061150.D

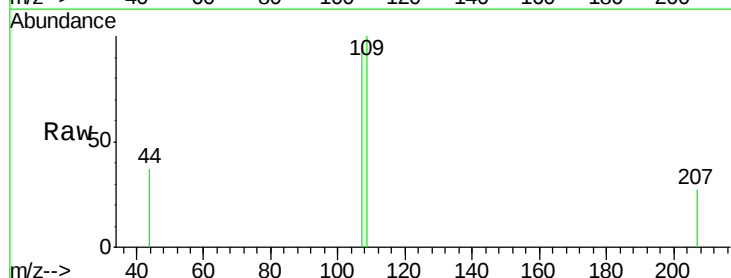
Acq: 27 Apr 2020 15:39

Tgt Ion:107 Resp: 1068

Ion Ratio Lower Upper

107 100

109 101.7 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

800

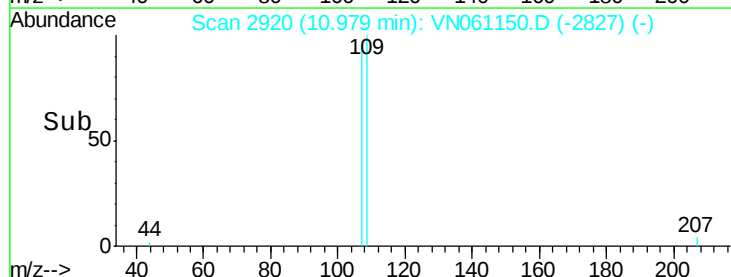
600

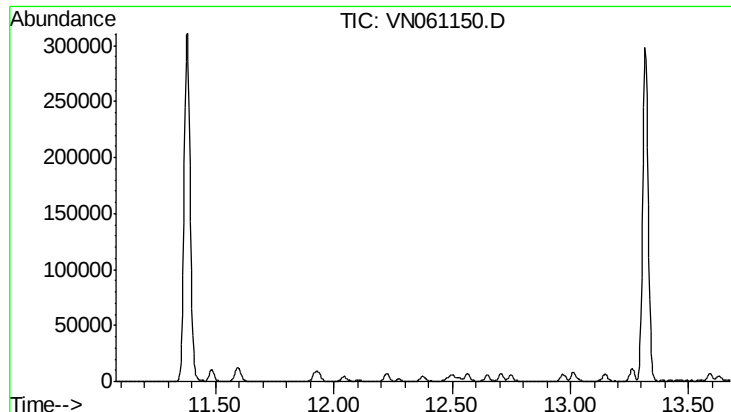
400

200

0

Time-->





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.38 min

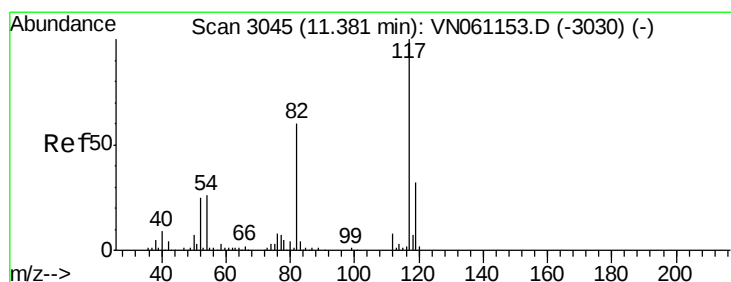
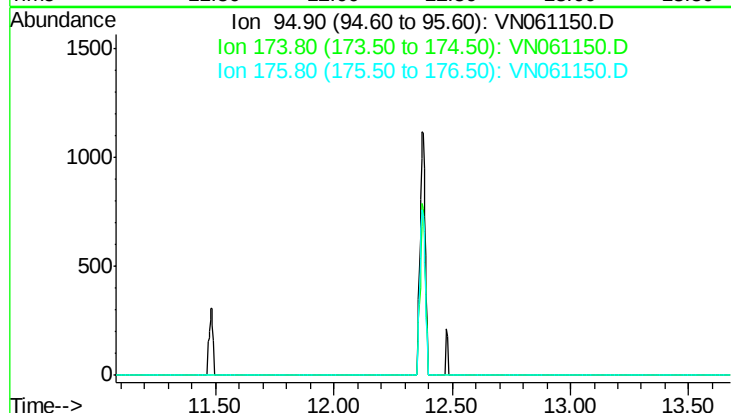
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tot Ion	95
Sig	Exp Ratio
95	100
174	74.7
176	72.4

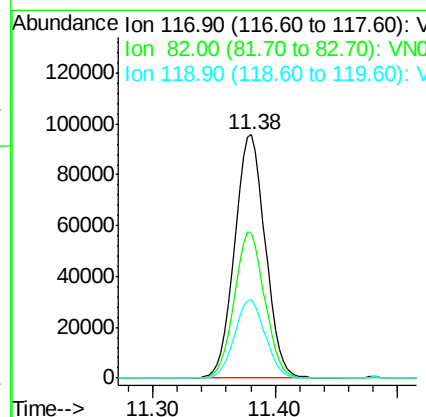
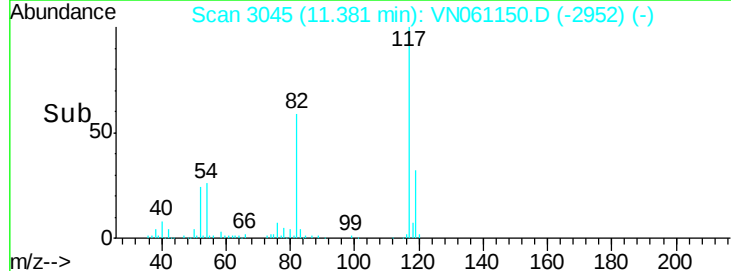
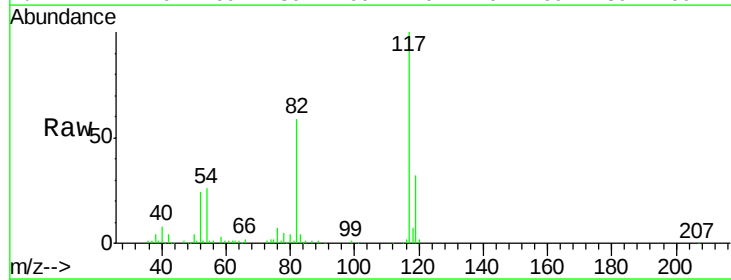
Manual Integrations
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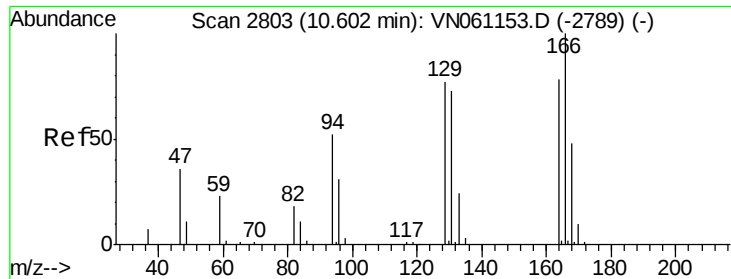
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	117	Resp	167256
Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.8	71.8
119	32.0	25.8	38.6





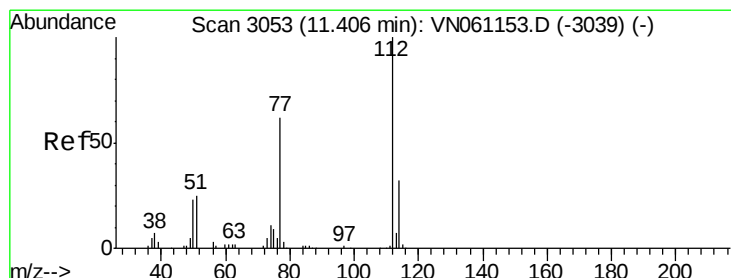
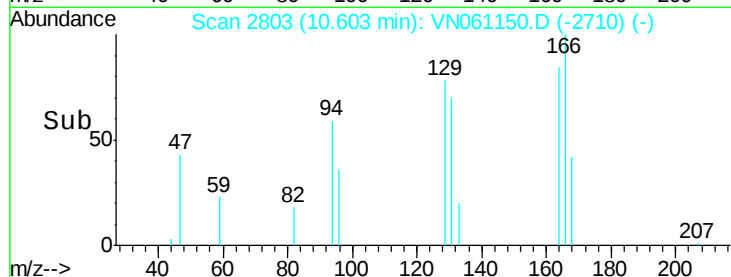
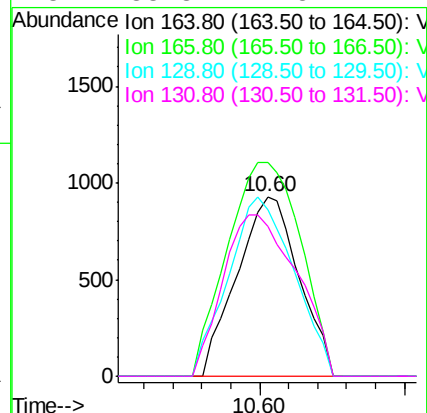
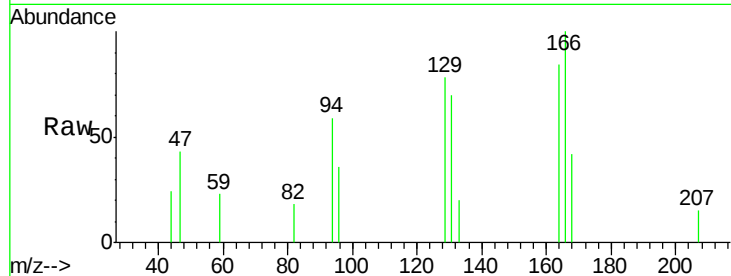
#64
Tetrachloroethene
Concen: 0.826 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	118.9	102.0	153.0
129	92.7	78.2	117.2
131	83.3	74.5	111.7

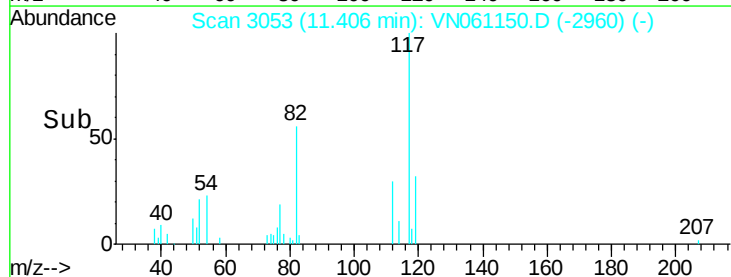
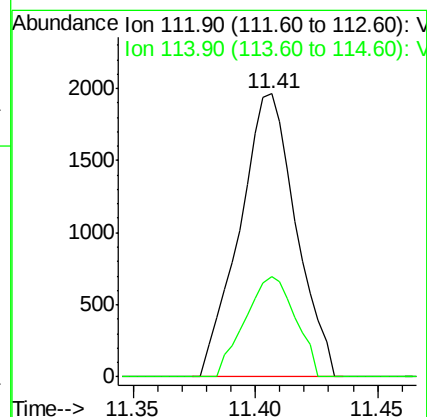
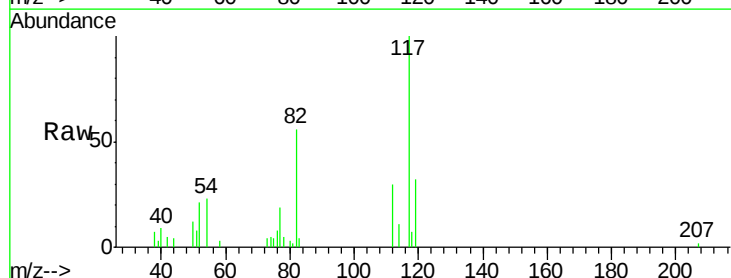
Manual Integrations
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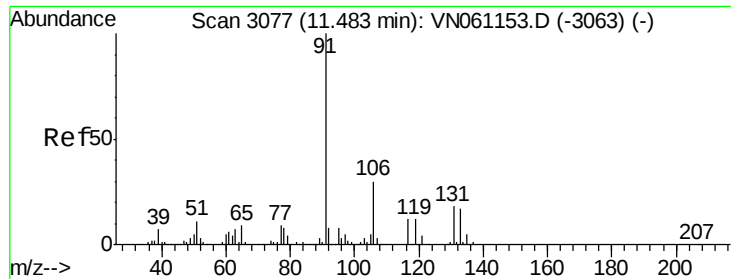
MMDadoda
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#65
Chlorobenzene
Concen: 0.932 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.7	25.4	38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 0.900 ug/l

RT: 11.48 min Scan# 3075

Delta R.T. -0.01 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

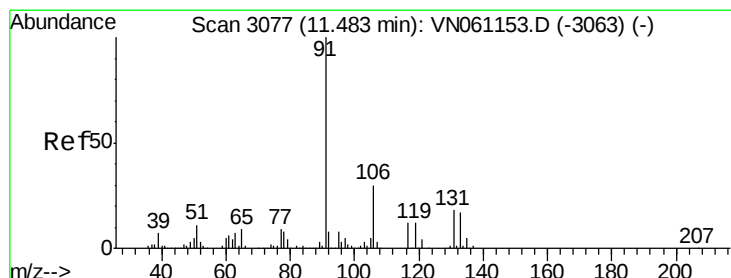
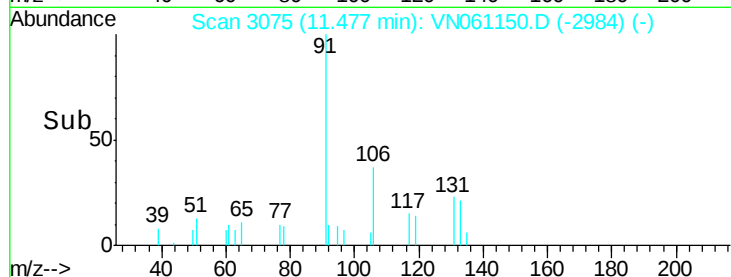
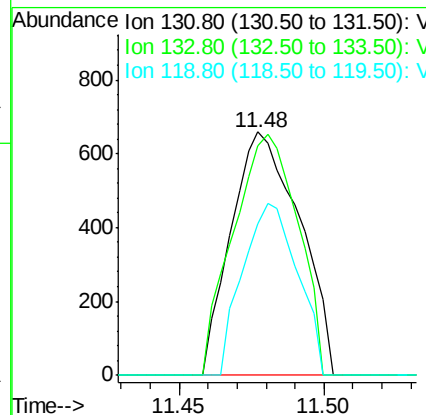
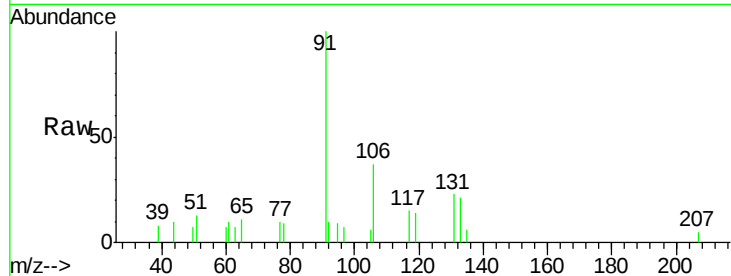
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.9	48.0	144.2
119	0.0	32.6	97.8#

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#67

Ethyl Benzene

Concen: 0.898 ug/l

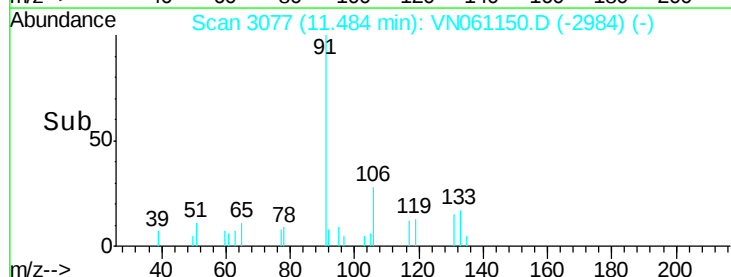
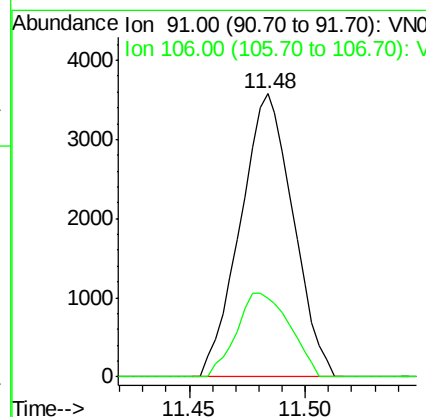
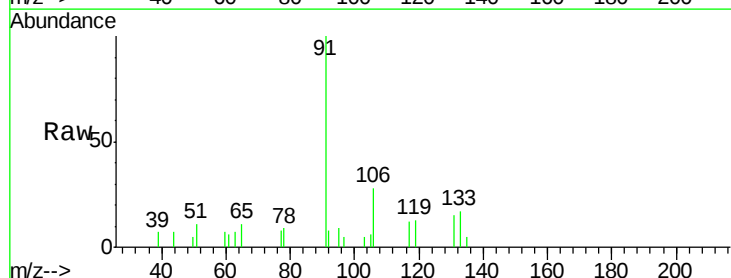
RT: 11.48 min Scan# 3077

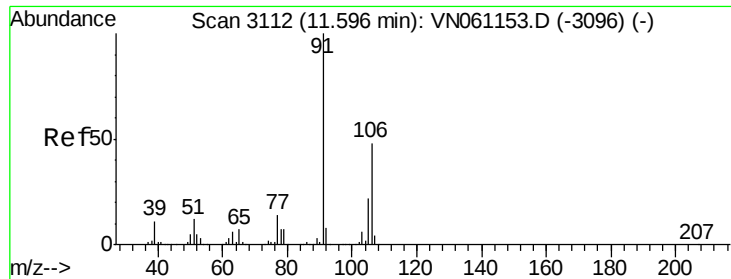
Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.7	23.8	35.6





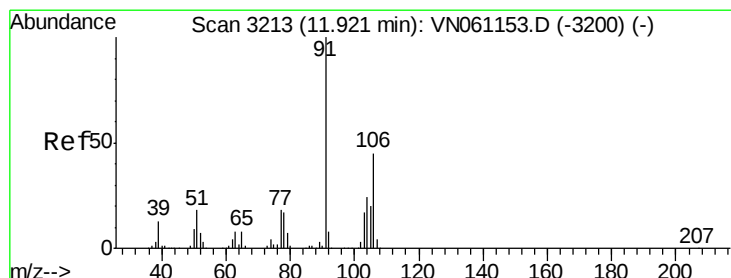
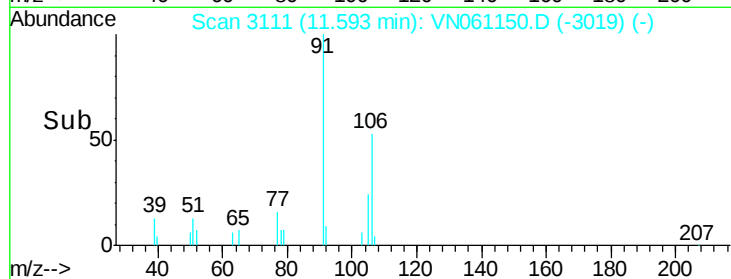
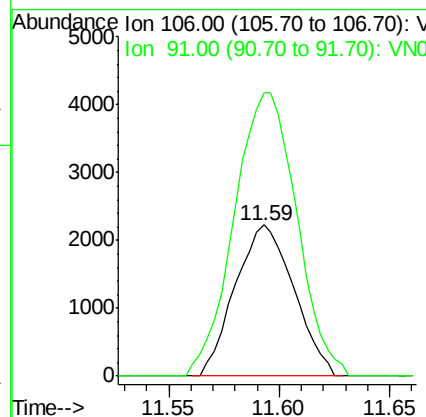
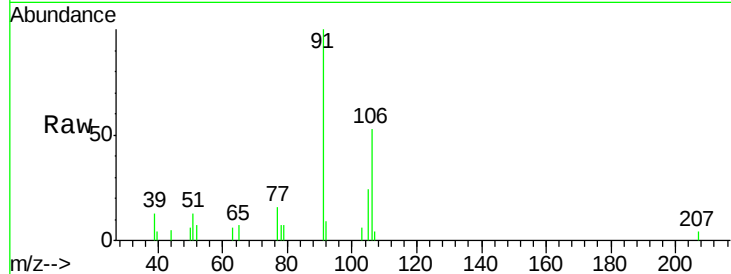
#68
m/p-Xylenes
Concen: 1.757 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4126
Ion Ratio Lower Upper
106 100
91 199.0 166.4 249.6

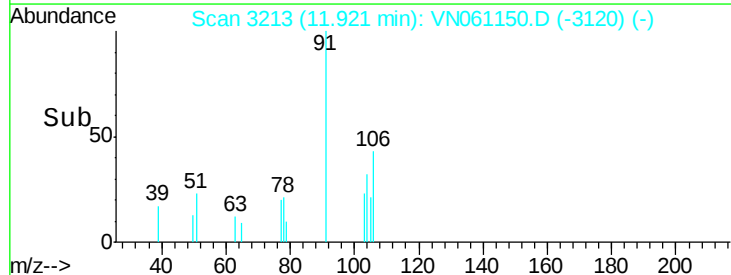
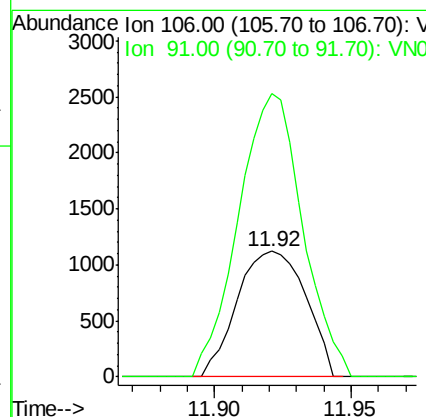
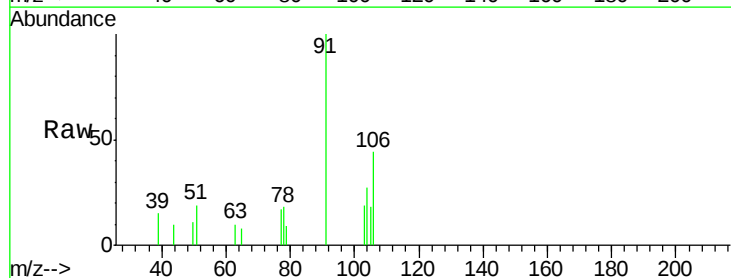
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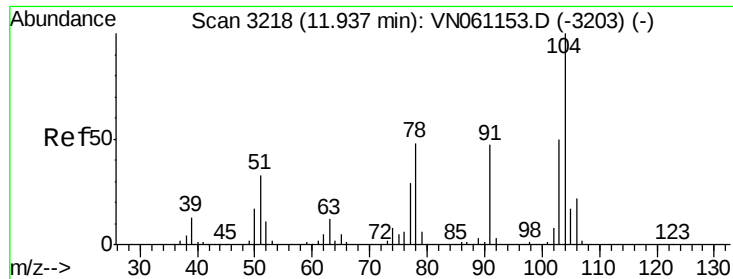
MMDadoda
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#69
o-Xylene
Concen: 0.865 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion:106 Resp: 1960
Ion Ratio Lower Upper
106 100
91 210.5 109.7 329.0





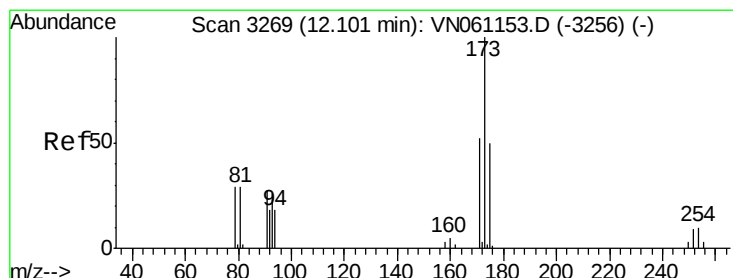
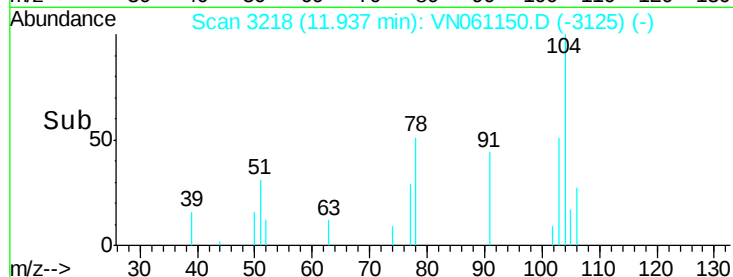
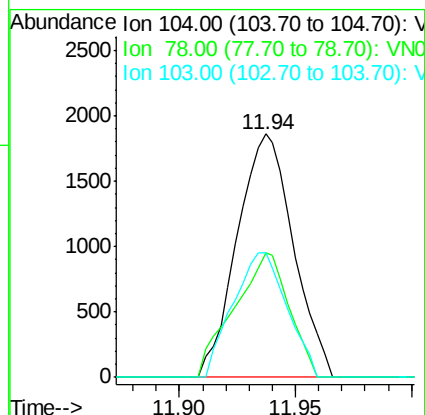
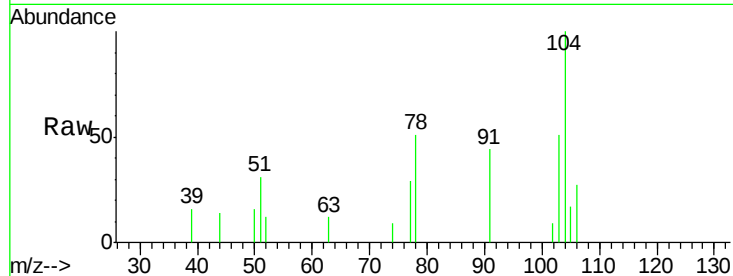
#70
Stvrene
Concen: 0.848 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	42.1	63.1
103	49.4	43.3	64.9

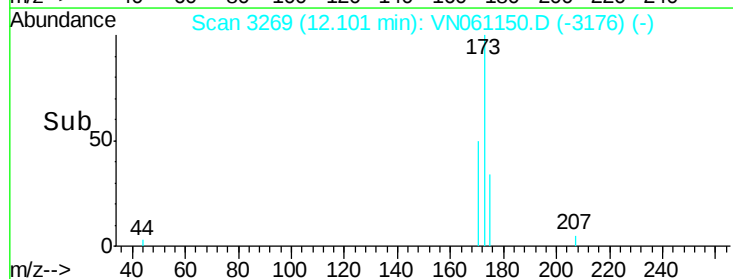
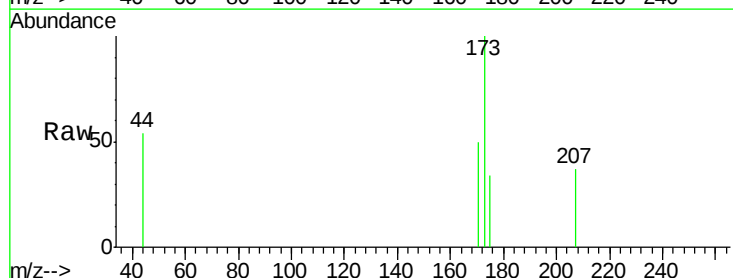
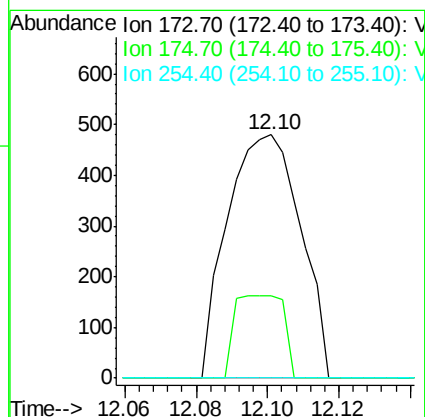
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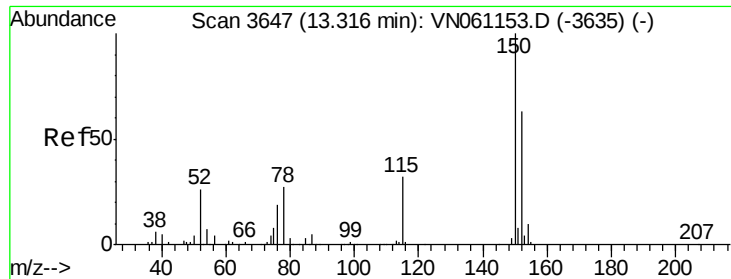
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#71
Bromoform
Concen: 0.758 ug/l
RT: 12.10 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	22.6	24.1	72.4#
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 73220

Ion Ratio Lower Upper

152 100

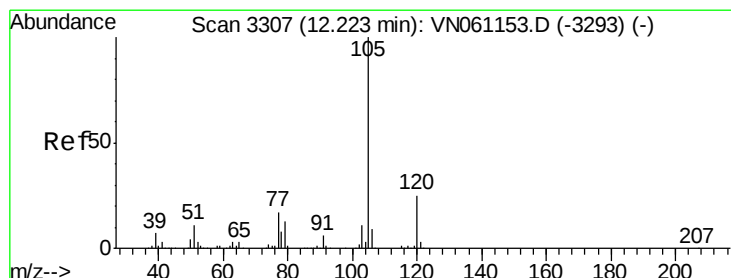
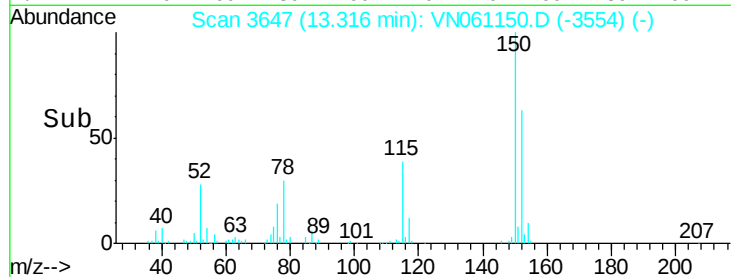
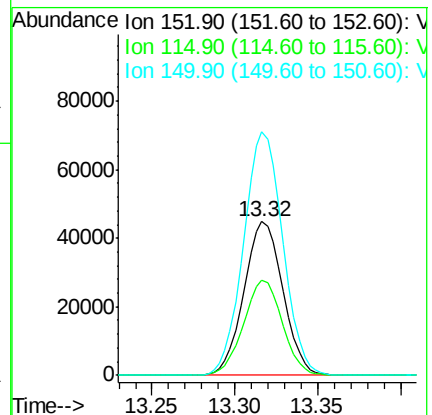
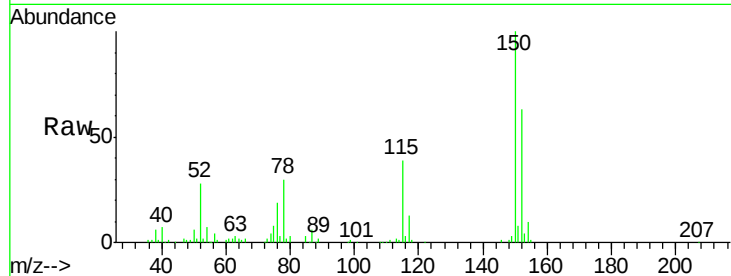
115 61.4 31.0 93.0

150 159.3 0.0 351.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.918 ug/l

RT: 12.22 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN061150.D

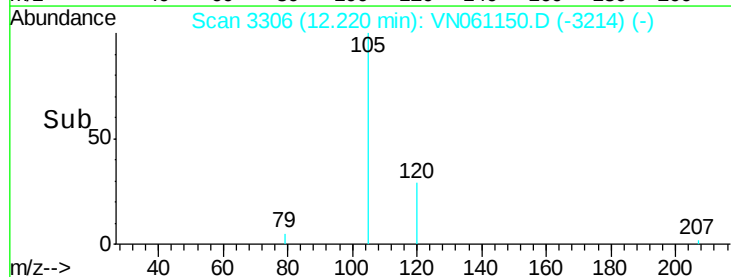
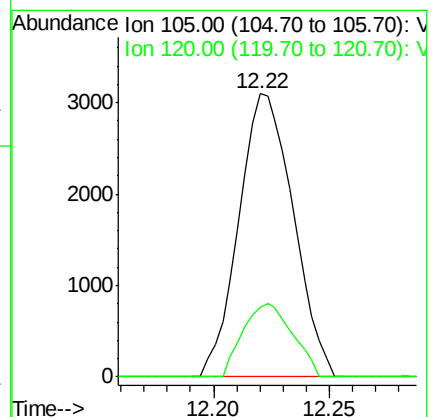
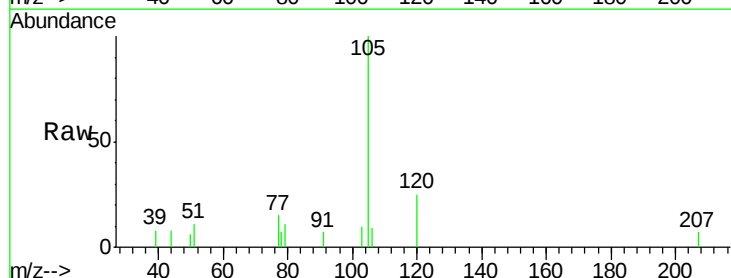
Acq: 27 Apr 2020 15:39

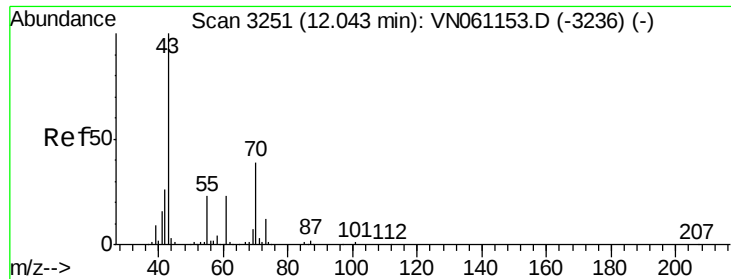
Tgt Ion:105 Resp: 5051

Ion Ratio Lower Upper

105 100

120 23.7 12.6 37.8





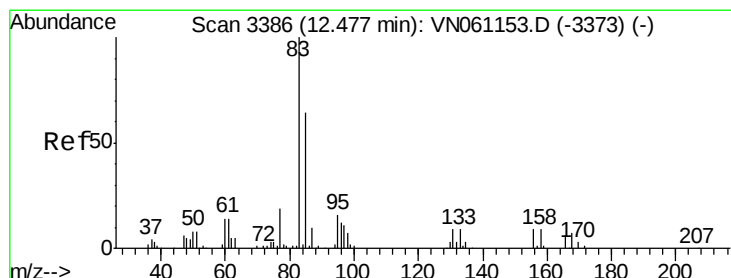
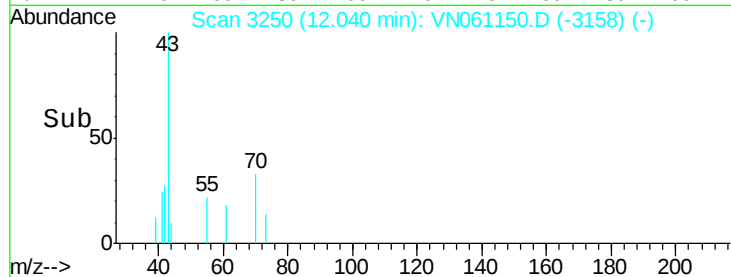
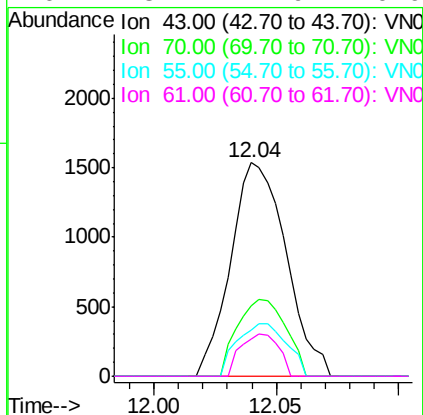
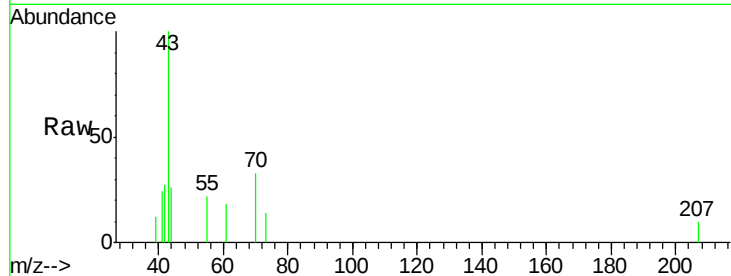
#74
N-amvl acetate
Concen: 0.960 ug/l
RT: 12.04 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	31.5	30.6	46.0	
55	22.0	18.5	27.7	
61	13.4	17.9	26.9	

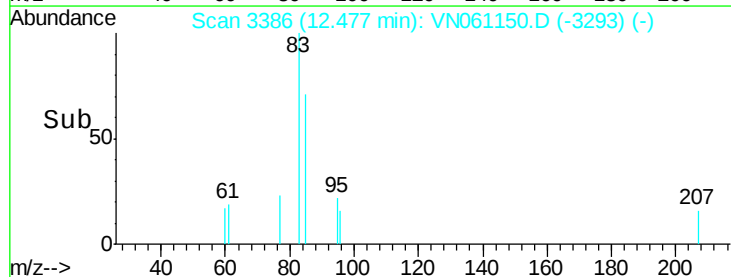
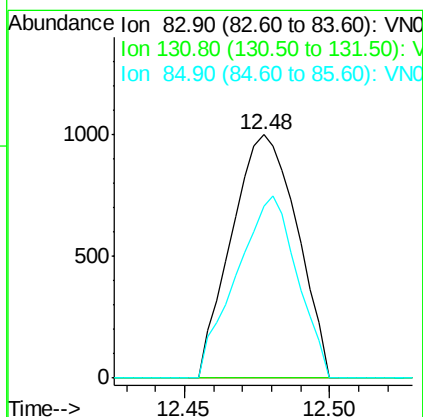
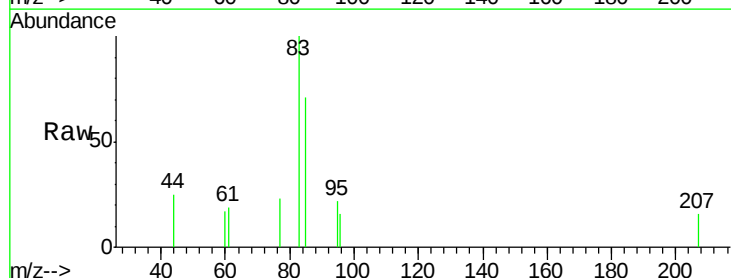
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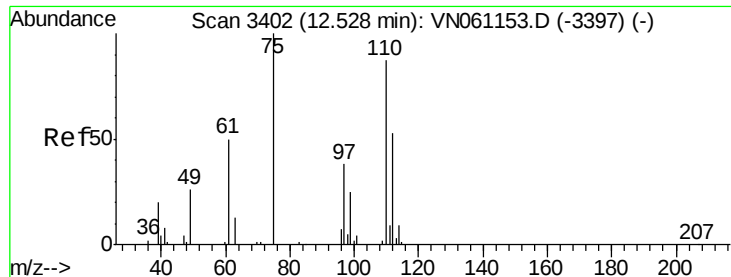
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#75
1,1,2,2-Tetrachloroethane
Concen: 1.037 ug/l
RT: 12.48 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	0.0	4.8	14.3	
85	69.7	32.0	96.0	





#76

1,2,3-Trichloropropane

Concen: 1.025 ug/l m

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 1699

Ion Ratio Lower Upper

75 100

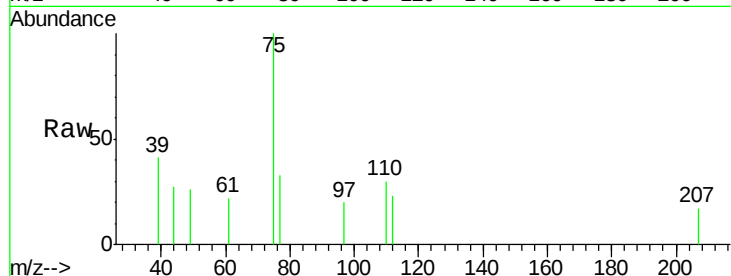
77 0.0 0.0 0.0

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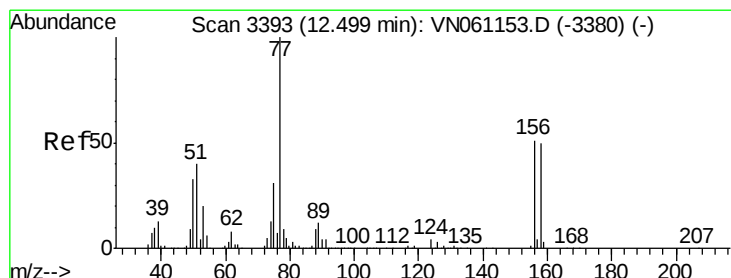
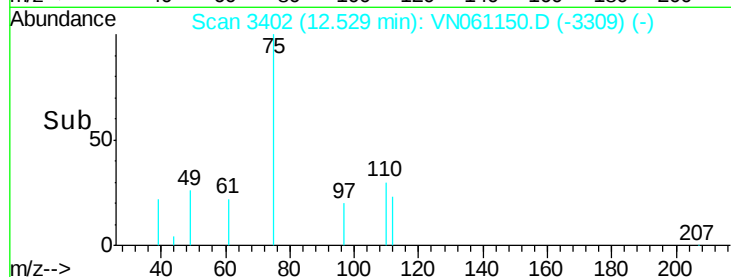
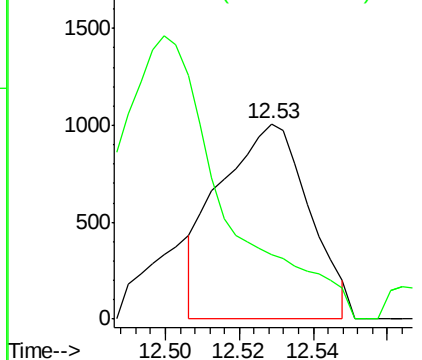
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 0.847 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

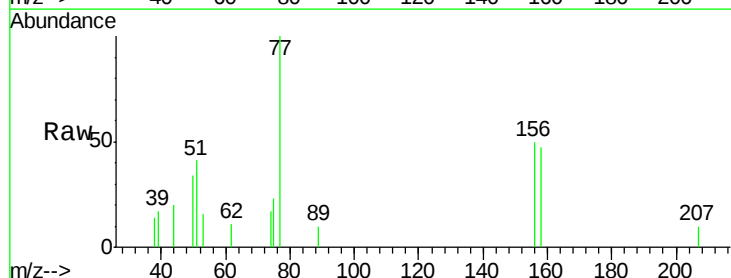
Tgt Ion: 156 Resp: 1125

Ion Ratio Lower Upper

156 100

77 262.3 117.4 352.2

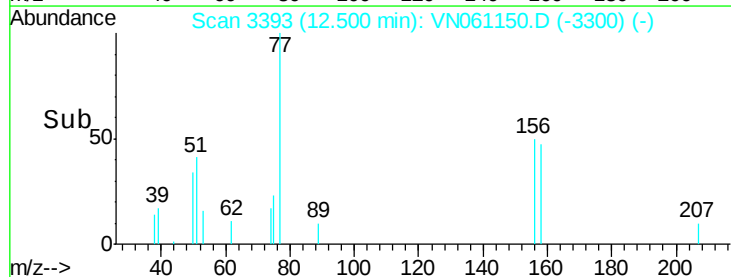
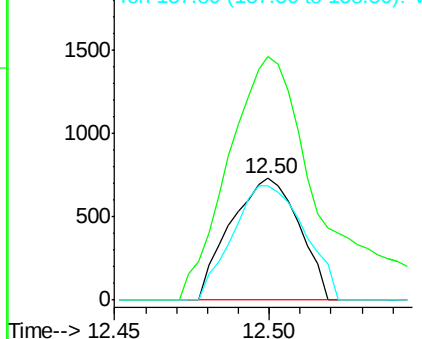
158 98.8 48.4 145.0

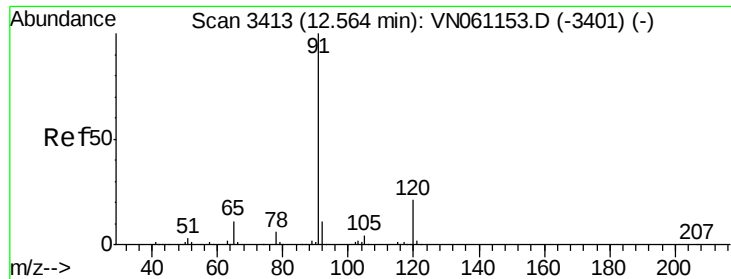


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.928 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061150.D

Acq: 27 Apr 2020 15:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 6007

Ion Ratio Lower Upper

91 100

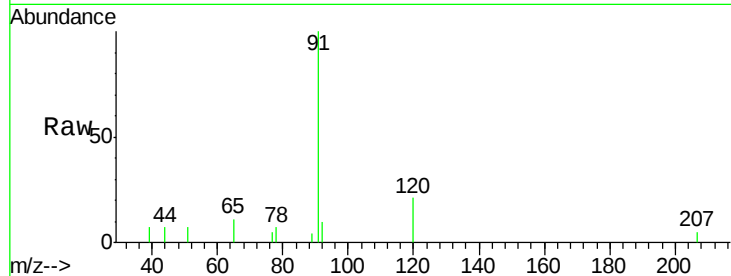
120 20.8 10.8 32.3

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Abundance Ion 91.00 (90.70 to 91.70): VN061150.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061150.D (-3401) (-)

12.56

4000

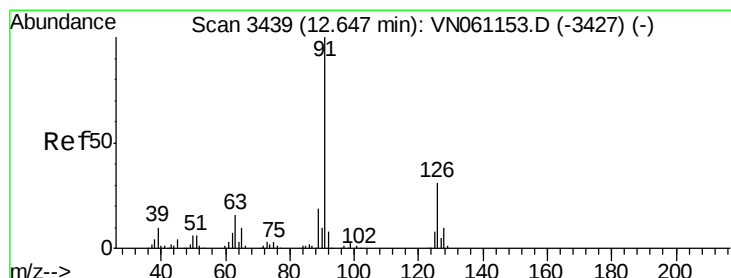
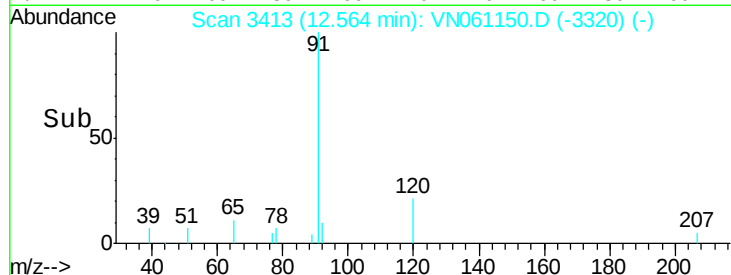
3000

2000

1000

0

Time--> 12.50 12.55 12.60



#79

2-Chlorotoluene

Concen: 0.939 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061150.D

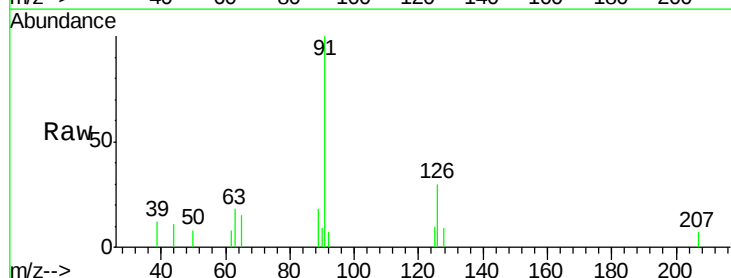
Acq: 27 Apr 2020 15:39

Tgt Ion: 91 Resp: 3532

Ion Ratio Lower Upper

91 100

126 29.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061150.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061150.D (-3427) (-)

12.65

2500

2000

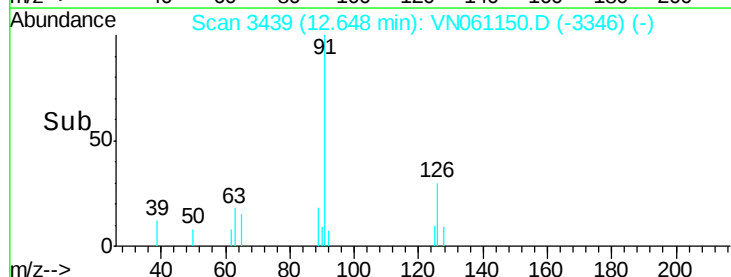
1500

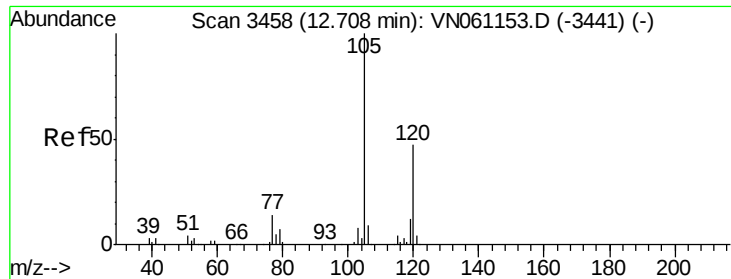
1000

500

0

Time--> 12.60 12.65 12.70





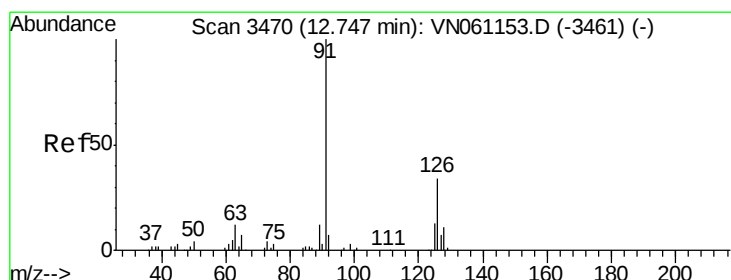
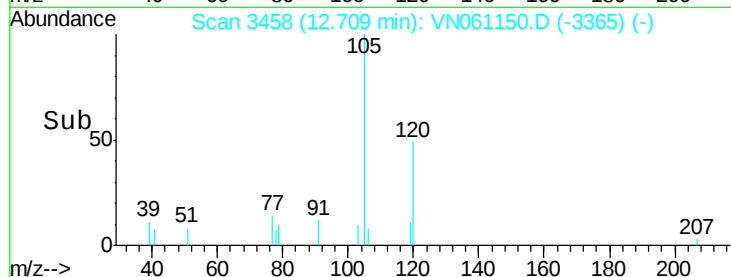
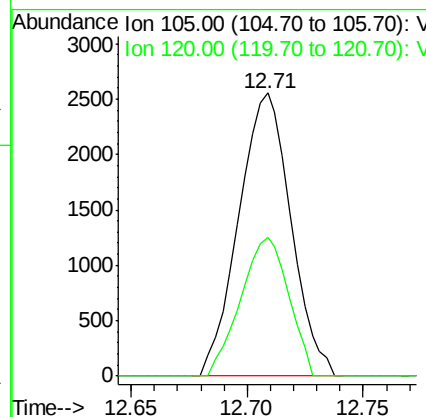
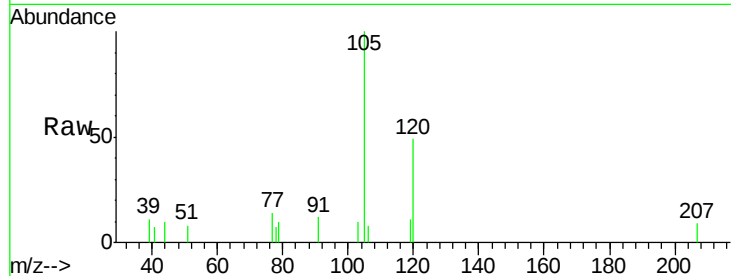
#80
 1,3,5-Trimethylbenzene
 Concen: 0.860 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 3984
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.9 71.7

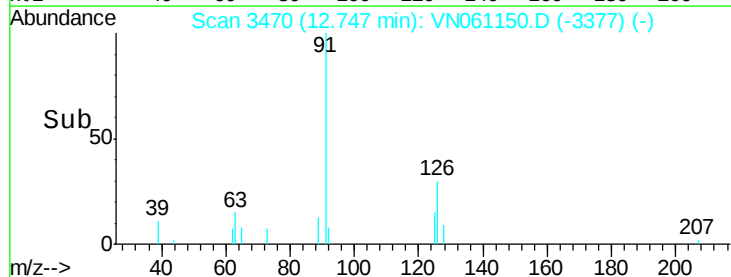
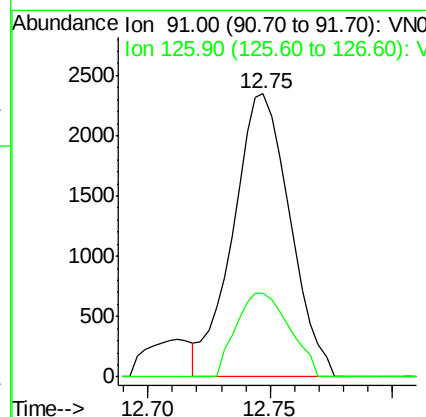
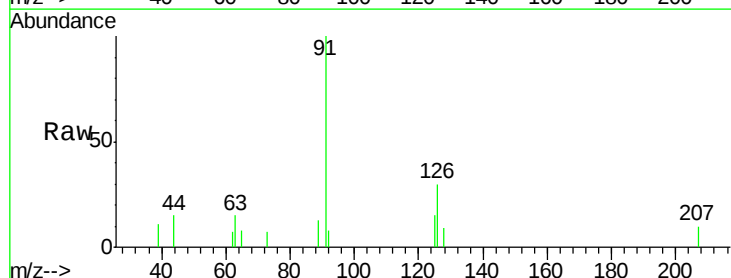
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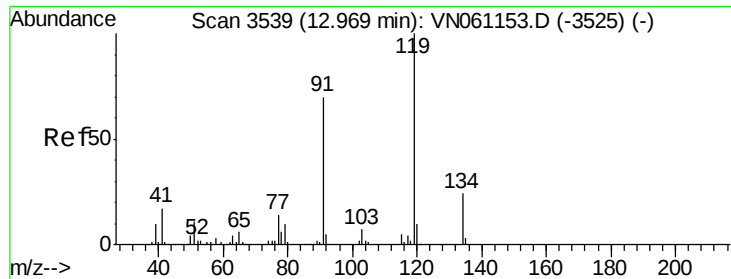
MMDadoda
 4/28/2020 8:14:32 PM



#82
 4-Chlorotoluene
 Concen: 0.949 ug/l
 RT: 12.75 min Scan# 3470
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion: 91 Resp: 3792
 Ion Ratio Lower Upper
 91 100
 126 27.8 15.7 47.1





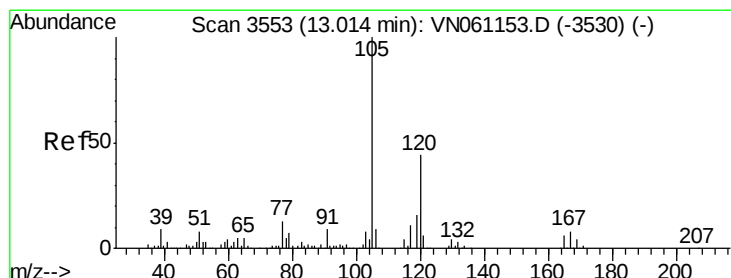
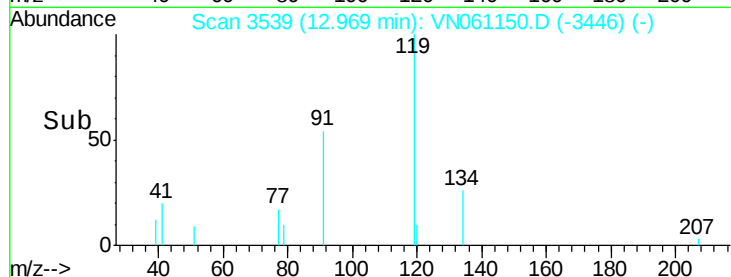
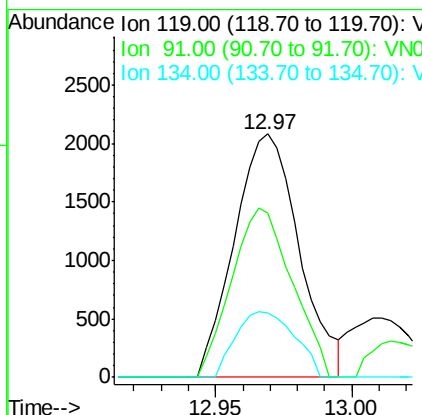
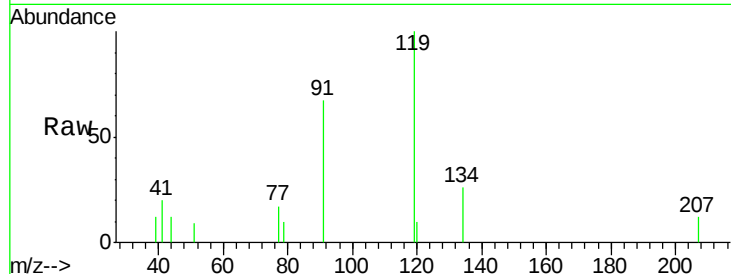
#83
tert-Butylbenzene
Concen: 0.884 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	34.8	104.4
134	24.6	12.9	38.7

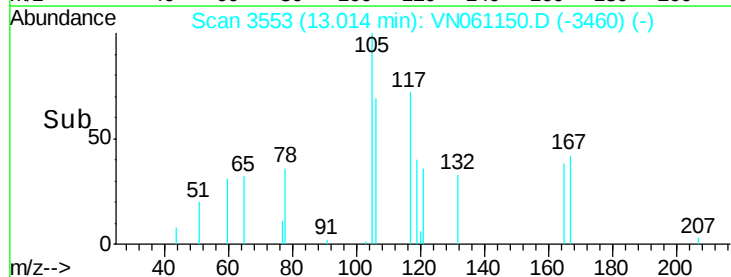
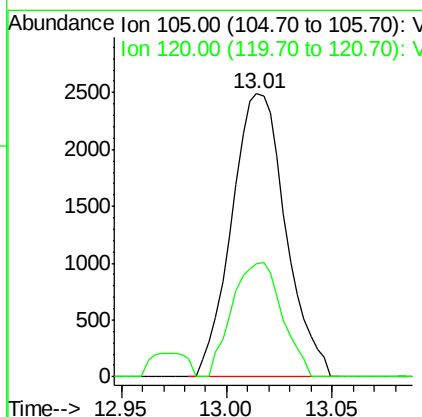
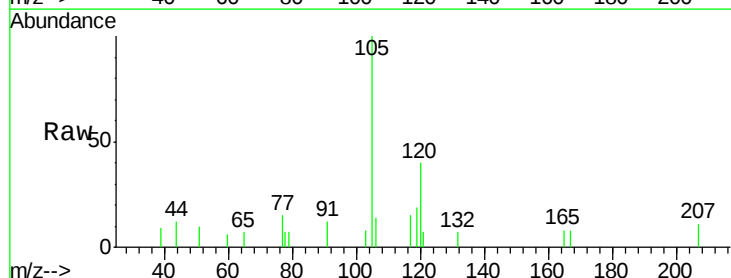
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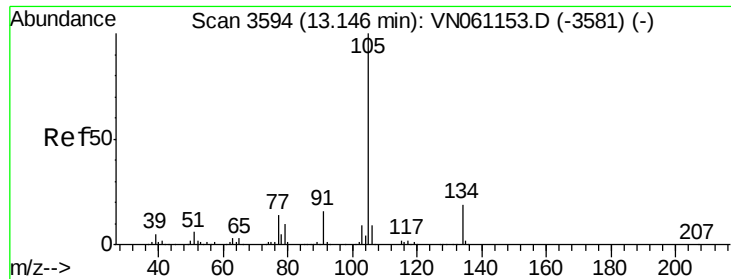
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.958 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.4	22.2	66.6





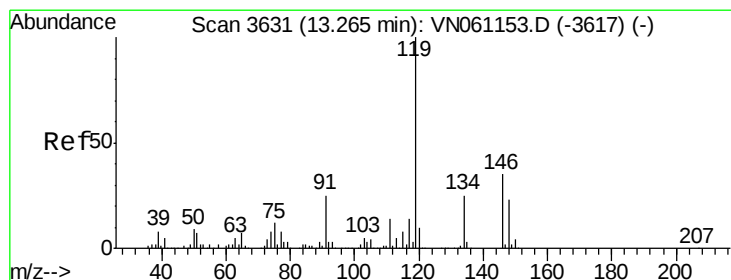
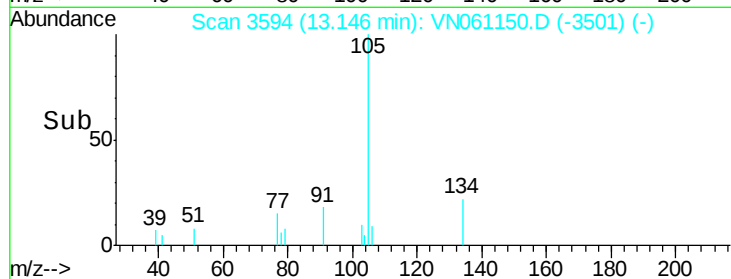
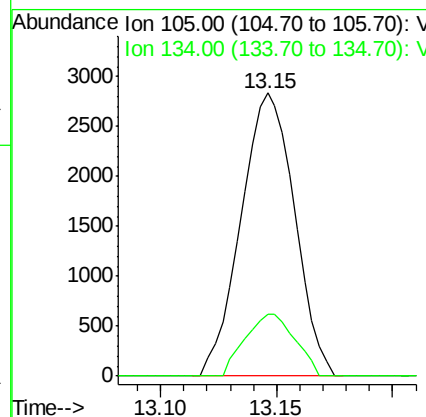
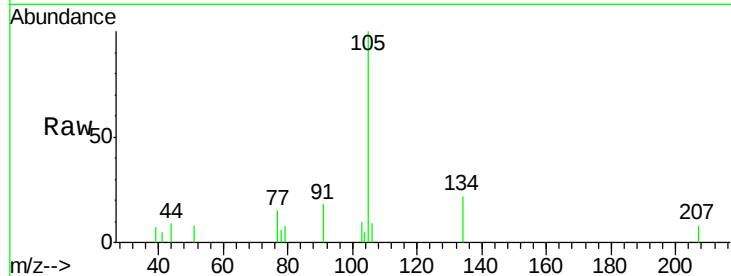
#85
 sec-Butylbenzene
 Concen: 0.863 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.6	28.8

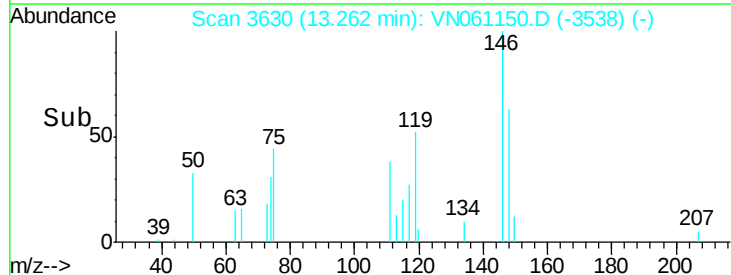
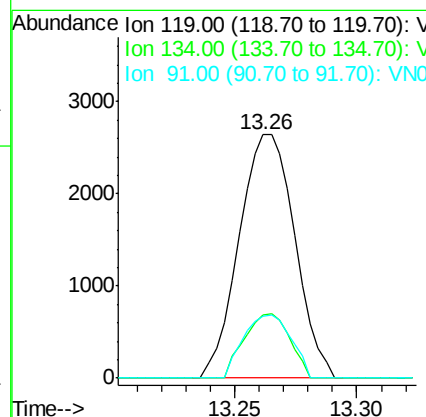
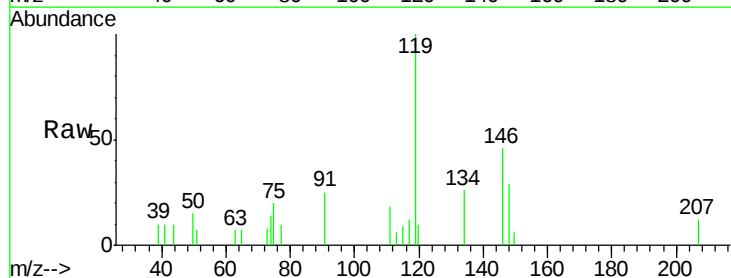
Manual Integrations
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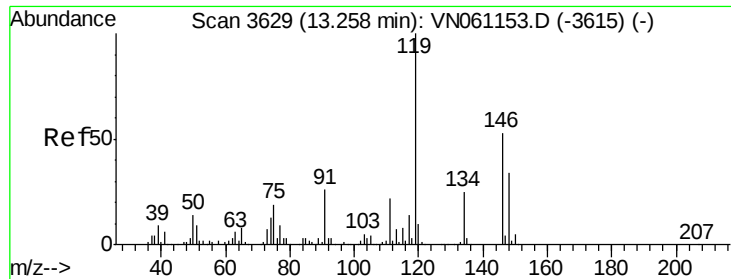
MMDadoda
 4/28/2020 8:14:32 PM



#86
 p-Isopropyltoluene
 Concen: 0.874 ug/l
 RT: 13.26 min Scan# 3630
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	21.6	12.6	37.6
91	22.2	12.7	38.0





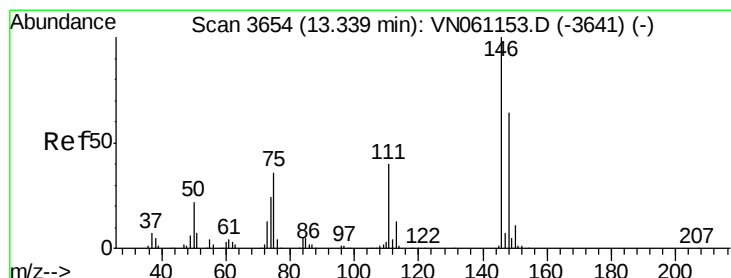
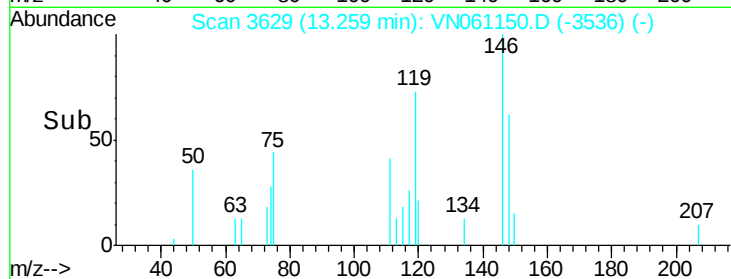
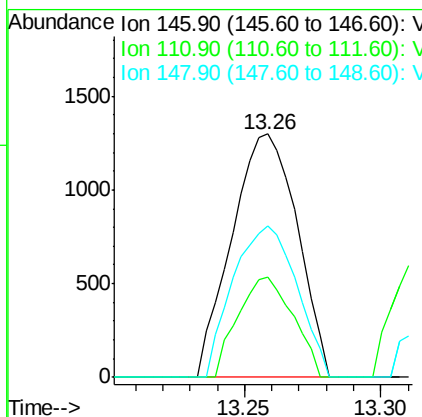
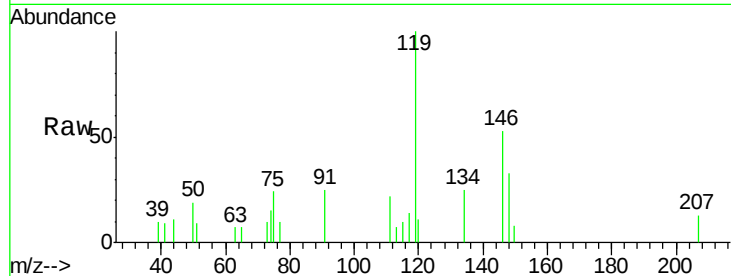
#87
 1,3-Dichlorobenzene
 Concen: 0.911 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	20.7	62.1
148	60.8	31.8	95.3

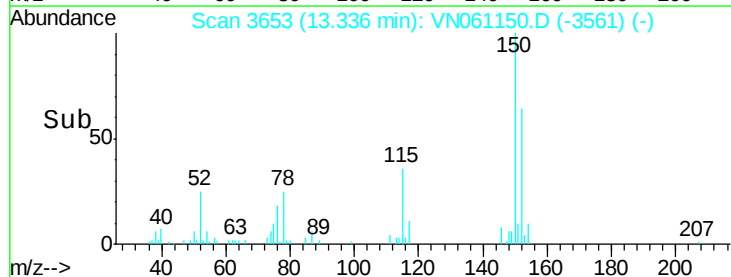
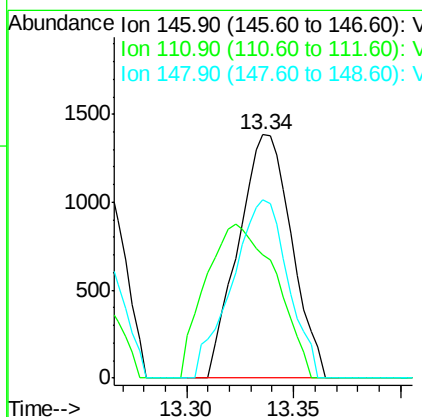
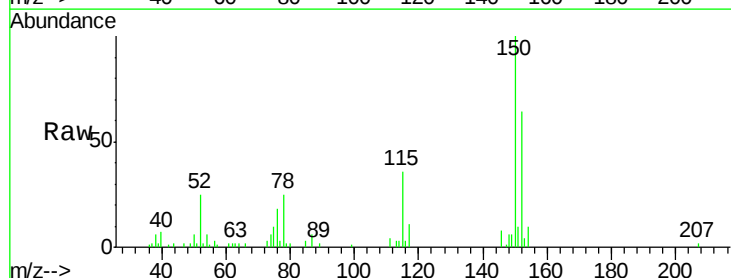
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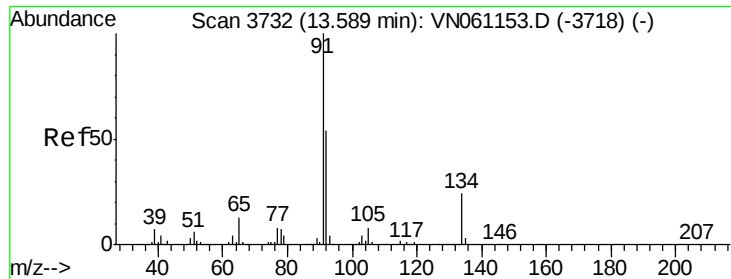
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 4/28/2020 8:14:32 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.998 ug/l m
 RT: 13.34 min Scan# 3653
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.2	20.4	61.3
148	54.8	31.9	95.7





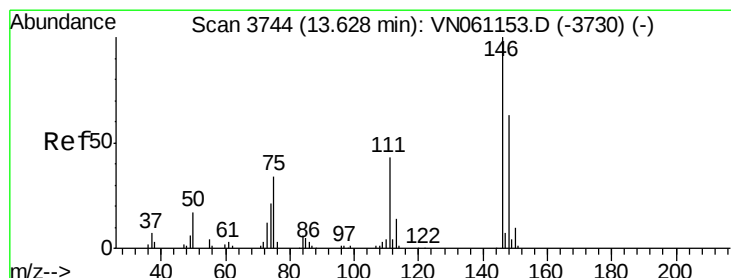
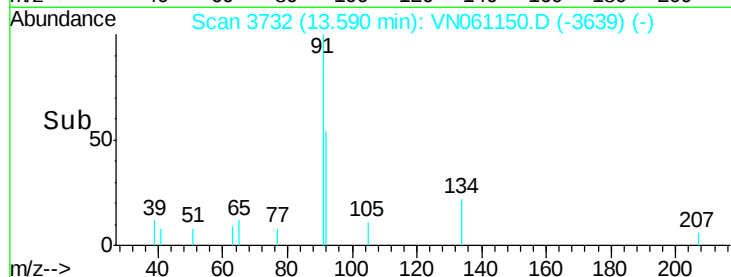
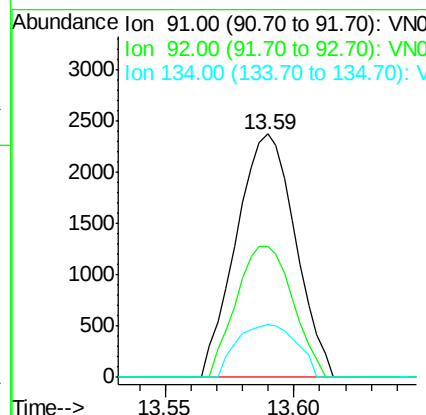
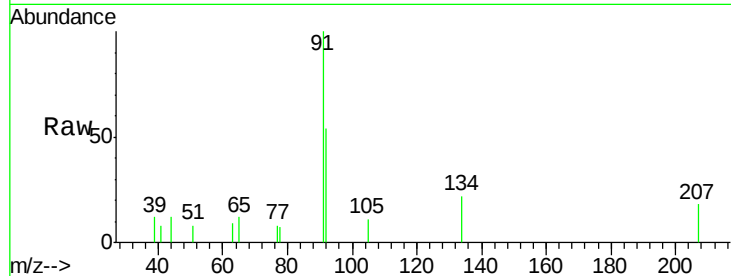
#89
n-Butylbenzene
Concen: 0.865 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.8	80.3
134	21.9	11.9	35.5

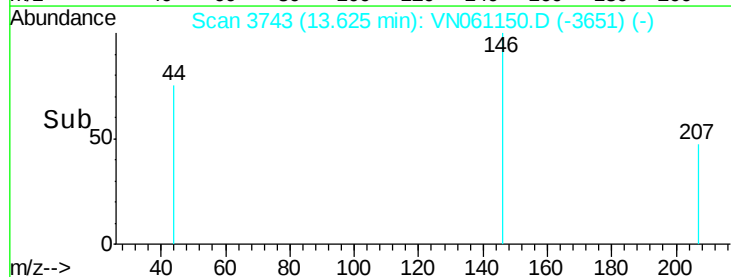
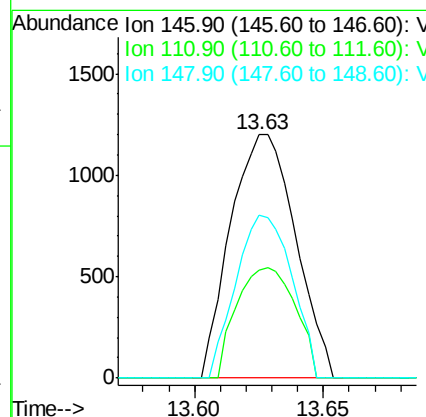
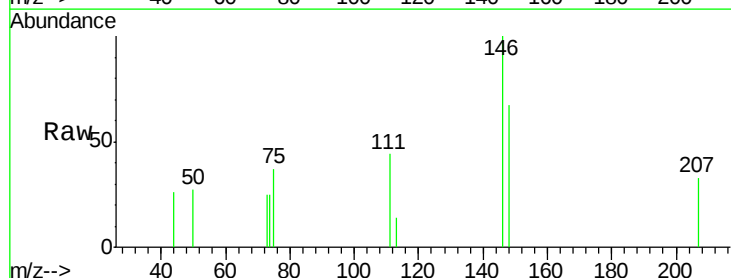
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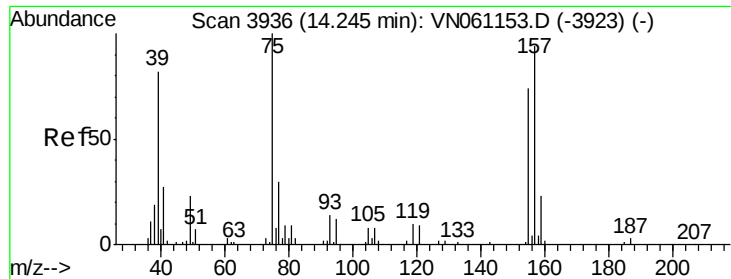
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#91
1,2-Dichlorobenzene
Concen: 0.951 ug/l
RT: 13.63 min Scan# 3743
Delta R.T. -0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.8	65.3
148	57.7	31.6	95.0





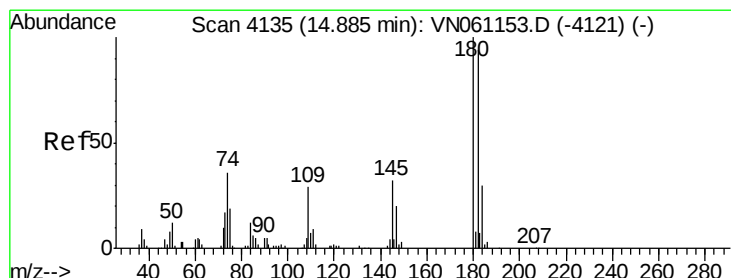
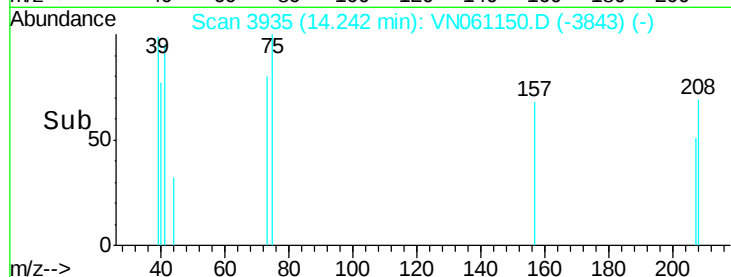
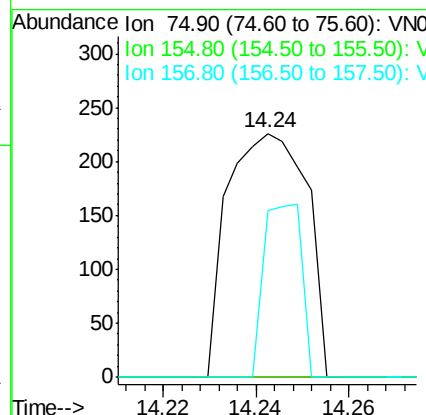
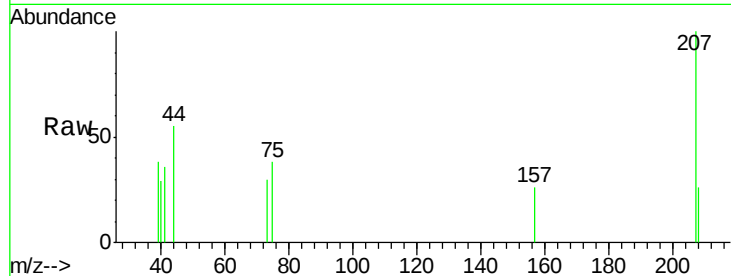
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.820 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	36.5	109.7#
157	33.8	46.6	139.7#

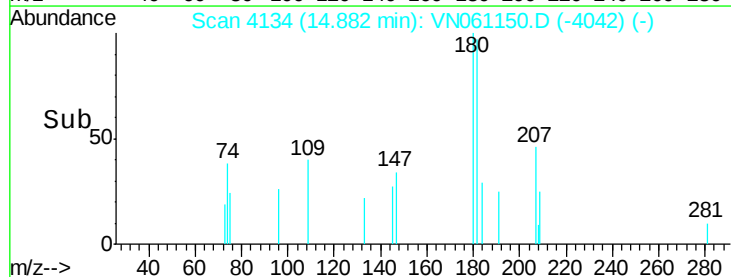
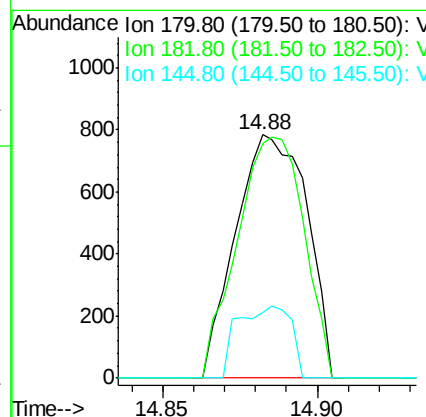
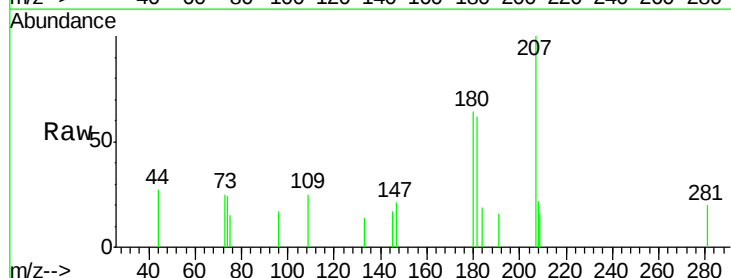
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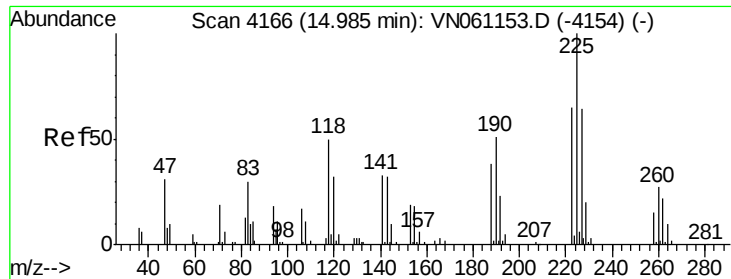
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.858 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	141.9
145	21.9	16.0	47.9





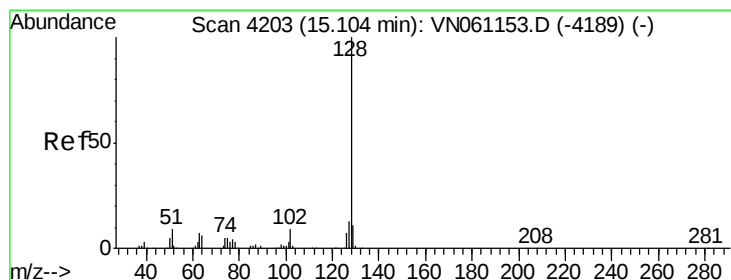
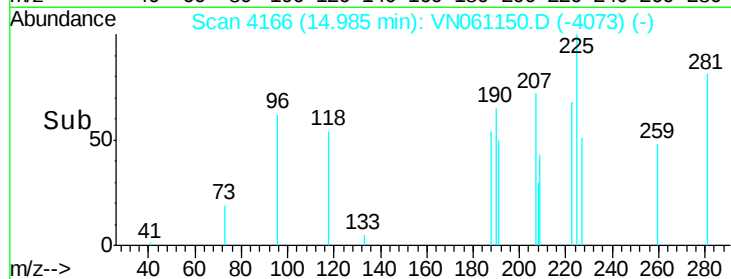
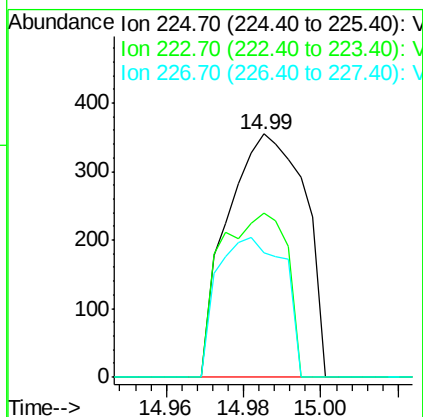
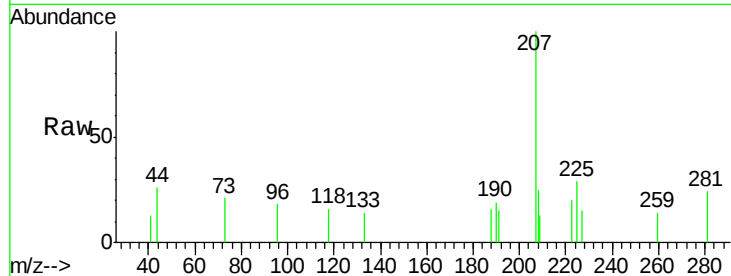
#94
Hexachlorobutadiene
Concen: 0.775 ug/l
RT: 14.99 min Scan# 4166
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
225	100		
223	57.9	32.4	97.0
227	49.2	32.4	97.0

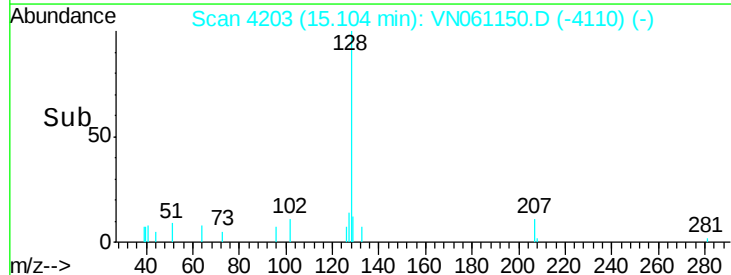
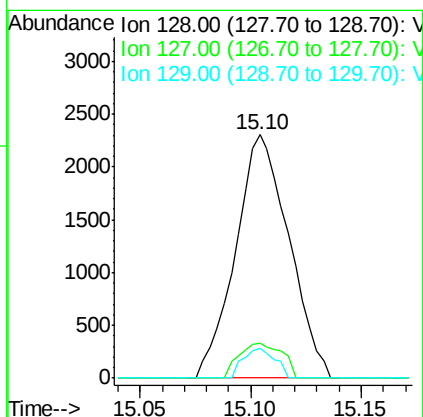
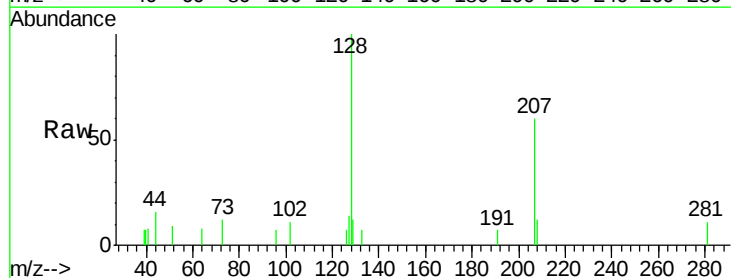
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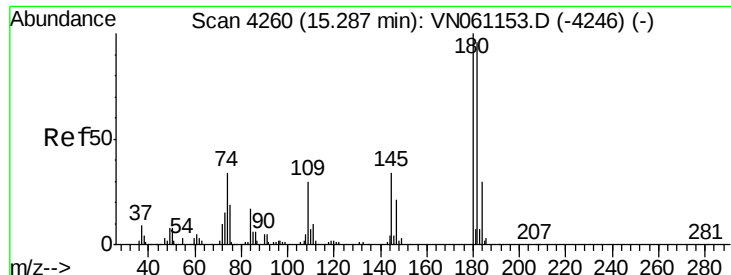
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#95
Naphthalene
Concen: 0.846 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061150.D
Acq: 27 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	7.4	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.872 ug/l
 RT: 15.28 min Scan# 4259
 Delta R.T. -0.00 min
 Lab File: VN061150.D
 Acq: 27 Apr 2020 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.8	47.5	142.5
145	20.4	16.9	50.7

Manual Integrations
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