

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051484.D
 Acq On : 25 Sep 2018 14:51
 Operator : MD\SY
 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 11:21:33 AM

Quant Time: Sep 26 03:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	99727	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	530463	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	451314	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	205275	29.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.70%
60) 4-Bromofluorobenzene	12.40	95	201257	30.37	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.23%
63) Toluene-d8	10.09	98	668732	30.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	78550	18.391	ug/l 98
3) Chloromethane	2.06	50	145240	19.777	ug/l 100
4) Vinyl Chloride	2.18	62	159315	20.331	ug/l 98
5) Bromomethane	2.57	94	105568	20.613	ug/l 87
6) Chloroethane	2.70	64	103739	21.478	ug/l 95
7) Trichlorofluoromethane	3.01	101	216922	21.327	ug/l 93
8) Diethyl Ether	3.41	74	62330	20.382	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	108009	20.912	ug/l # 39
10) 1,1-Dichloroethene	3.74	96	100934	21.454	ug/l 98
11) Methyl Iodide	3.95	142	138705	19.993	ug/l 95
12) Methyl Acetate	4.33	43	90220	21.818	ug/l 90
13) Acrolein	3.61	56	63087	114.414	ug/l 87
14) Acrylonitrile	5.00	53	185789	110.606	ug/l # 62
15) Acetone	3.82	58	44963	108.685	ug/l 85
16) Carbon Disulfide	4.05	76	296942	19.899	ug/l 96
17) Allyl chloride	4.33	41	173255	20.861	ug/l 98
18) Methylene Chloride	4.55	84	124354	22.133	ug/l 95
19) trans-1,2-Dichloroethene	5.05	96	112163	22.024	ug/l 97
20) Diisopropyl ether	5.96	45	373573	22.654	ug/l # 83
21) 1,1-Dichloroethane	5.85	63	220678	22.216	ug/l 96
22) cis-1,2-Dichloroethene	6.83	96	124987	21.932	ug/l 96
23) tert-Butyl Alcohol	4.79	59	34044	107.626	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	278728	21.752	ug/l # 85
25) Chloroform	7.37	83	223403	22.549	ug/l 96
26) Cyclohexane	7.66	56	177805	21.025	ug/l 97
29) 1,1-Dichloropropene	7.79	75	159055	21.295	ug/l 99
30) 2-Butanone	6.84	43	208760	108.205	ug/l # 99
31) 2,2-Dichloropropane	6.83	77	174968	21.962	ug/l # 81
32) 1,1,1-Trichloroethane	7.57	97	188092	22.059	ug/l 98
33) Carbon Tetrachloride	7.78	117	168464	21.532	ug/l 92
34) Benzene	8.04	78	492365	22.204	ug/l # 70
35) Methacrylonitrile	7.18	41	44630	16.053	ug/l 93
36) 1,2-Dichloroethane	8.13	62	156720	21.705	ug/l 97
37) Trichloroethene	8.84	130	126187	21.470	ug/l 98
38) Methylcyclohexane	9.08	83	174635	20.170	ug/l 95
39) 1,2-Dichloropropane	9.12	63	134409	22.281	ug/l 98
40) Dibromomethane	9.21	93	75723	22.055	ug/l 97

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 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 11:21:33 AM

Quant Time: Sep 26 03:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	162406	21.515	ug/l	96
42) Vinyl Acetate	5.90	43	1191760	111.088	ug/l	99
43) Ethyl Acetate	6.93	43	82679	20.596	ug/l	96
44) Isopropyl Acetate	8.17	43	169223	21.918	ug/l	98
45) 1,4-Dioxane	9.20	88	20364	433.553	ug/l	91
46) Methyl methacrylate	9.20	41	82171	21.492	ug/l	94
47) n-amyl Acetate	12.07	43	122127	19.795	ug/l #	69
48) t-1,3-Dichloropropene	10.38	75	156299	20.852	ug/l	96
49) cis-1,3-Dichloropropene	9.84	75	187177	21.573	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	108608	22.124	ug/l	94
51) Ethyl methacrylate	10.43	69	123000	21.171	ug/l	98
52) 1,3-Dichloropropane	10.71	76	182143	21.993	ug/l	98
53) Dibromochloromethane	10.90	129	121905	21.588	ug/l	96
54) 1,2-Dibromoethane	11.01	107	103568	21.865	ug/l	95
55) 2-Chloroethyl vinyl ether	9.70	63	308686	107.597	ug/l	99
56) Bromoform	12.13	173	81229	21.337	ug/l	96
58) 4-Methyl-2-Pentanone	9.99	43	469019	118.252	ug/l	96
59) 2-Hexanone	10.75	43	287015	109.949	ug/l	97
61) Tetrachloroethene	10.63	164	118896	22.644	ug/l	97
62) Toluene	10.16	91	519062	22.466	ug/l	99
64) Chlorobenzene	11.43	112	312300	22.047	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	122282	22.328	ug/l	99
66) Ethyl Benzene	11.51	91	515598	21.632	ug/l	97
67) m/p-Xylenes	11.62	106	402338	43.847	ug/l	97
68) o-Xylene	11.95	106	193352	22.124	ug/l	95
69) Styrene	11.96	104	303810	22.007	ug/l	99
70) Isopropylbenzene	12.25	105	514849	22.012	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	127509	23.159	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	113093m	26.048	ug/l	
73) Bromobenzene	12.53	156	127830	21.686	ug/l	96
74) n-propylbenzene	12.59	91	573388	21.087	ug/l	98
75) 2-Chlorotoluene	12.67	91	355248	22.138	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	430174	22.290	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	30197	20.167	ug/l	93
78) 4-Chlorotoluene	12.77	91	341707	21.470	ug/l	96
79) tert-butylbenzene	12.99	119	367183	21.852	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	428246	22.073	ug/l	98
81) sec-Butylbenzene	13.17	105	501797	21.709	ug/l	98
82) p-Isopropyltoluene	13.29	119	426026	21.351	ug/l	97
83) 1,3-Dichlorobenzene	13.28	146	221842	21.457	ug/l	98
84) 1,4-Dichlorobenzene	13.36	146	202411	20.845	ug/l	98
85) n-Butylbenzene	13.62	91	317066	19.353	ug/l	97
86) Hexachloroethane	13.88	117	85894	21.482	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	216746	22.114	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	17474	21.504	ug/l #	92
89) 1,2,4-Trichlorobenzene	14.91	180	86178	17.652	ug/l	99
90) Hexachlorobutadiene	15.01	225	82521	21.810	ug/l	98
91) Naphthalene	15.13	128	146101	15.860	ug/l	98
92) 1,2,3-Trichlorobenzene	15.31	180	88854	18.029	ug/l	91

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 2018
Response via : Initial Calibration

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

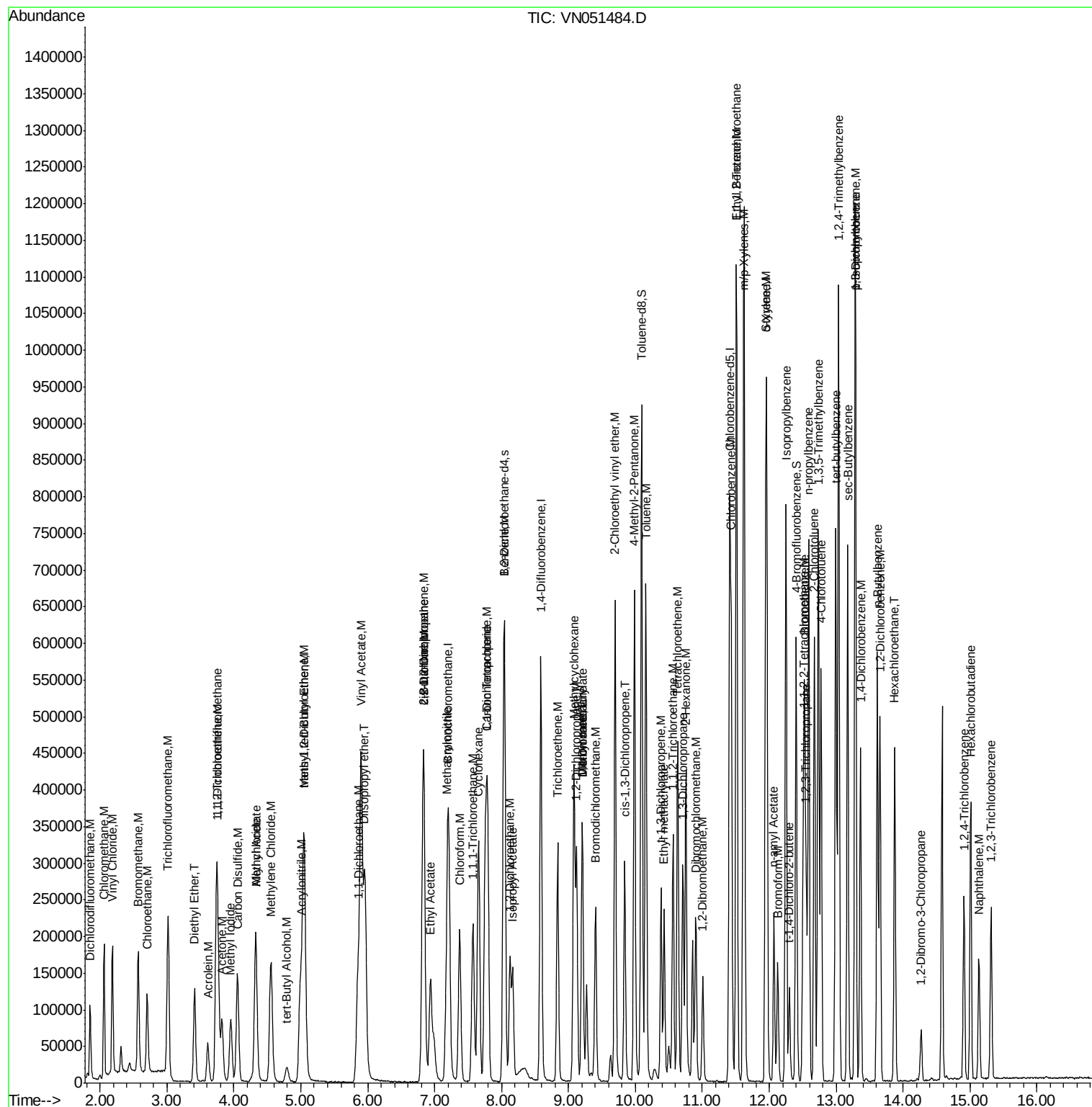
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051484.D
 Acq On : 25 Sep 2018 14:51
 Operator : MD\SY
 Sample : VN0925WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

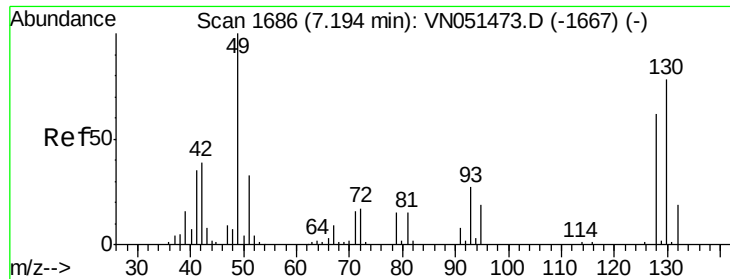
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Manual Integrations
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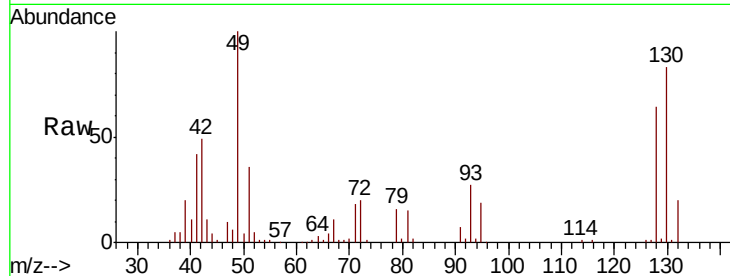
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.9	0.0	403.3
130	129.1	0.0	326.0

Manual Integrations
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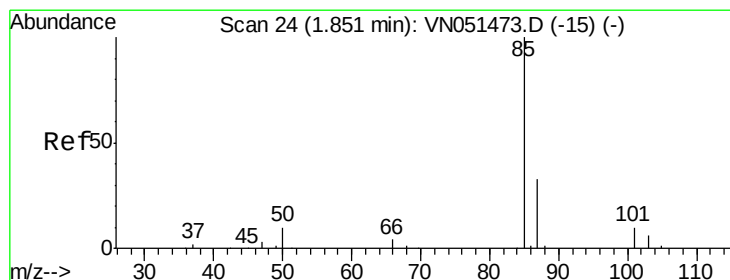
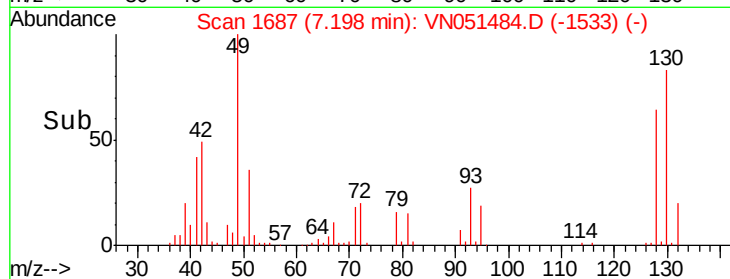
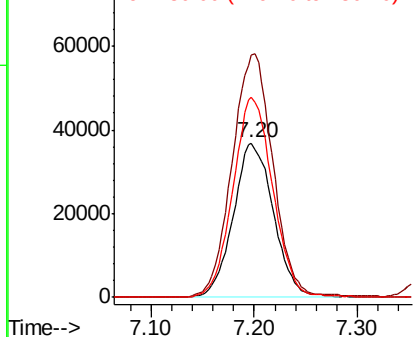


Abundance

Ion 128.00 (127.70 to 128.70): V

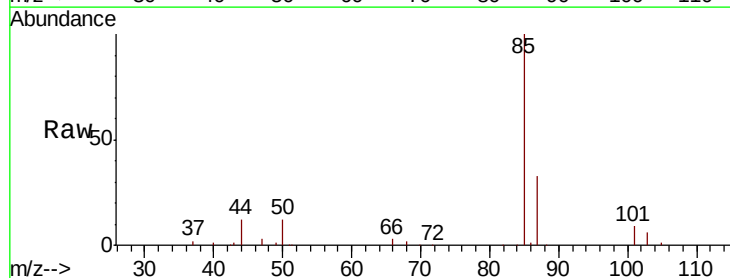
Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2
Dichlorodifluoromethane
Concen: 18.391 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

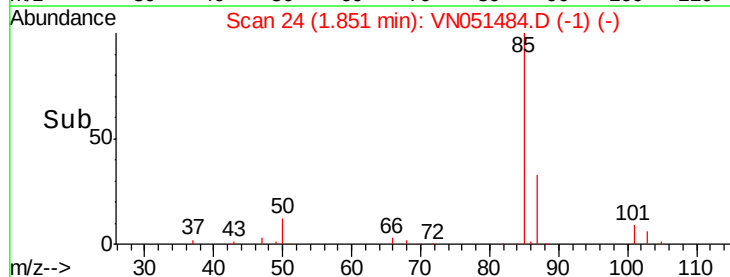
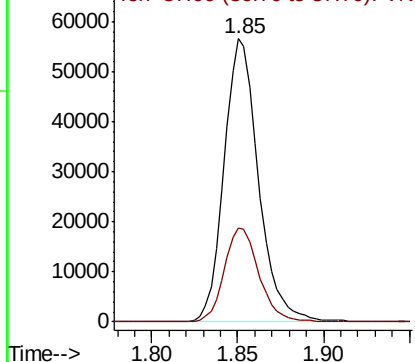
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.3	48.8

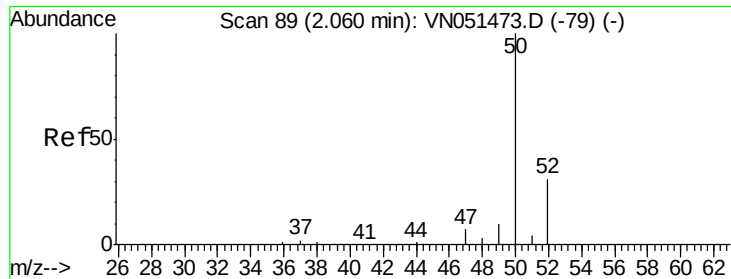


Abundance

Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.777 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tot Ion: 50 Resp: 145240

Ion Ratio Lower Upper

50 100

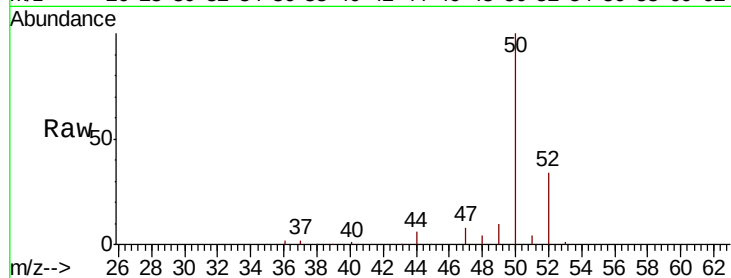
52 34.1 27.2 40.8

Manual Integrations

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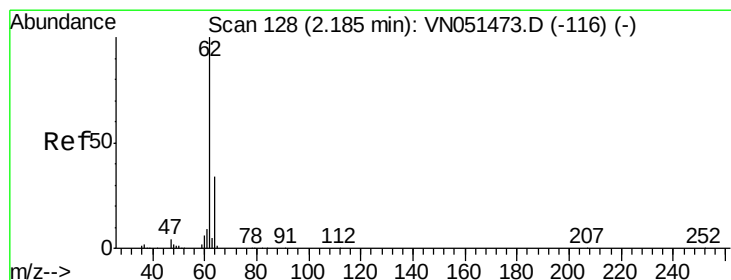
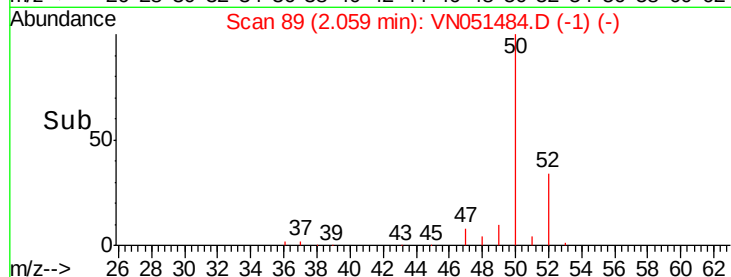
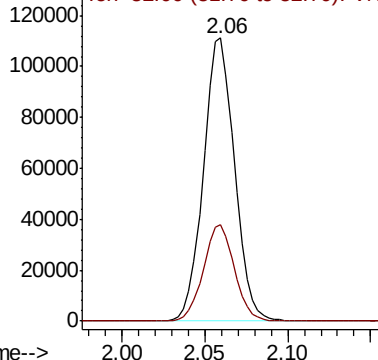
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.331 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051484.D

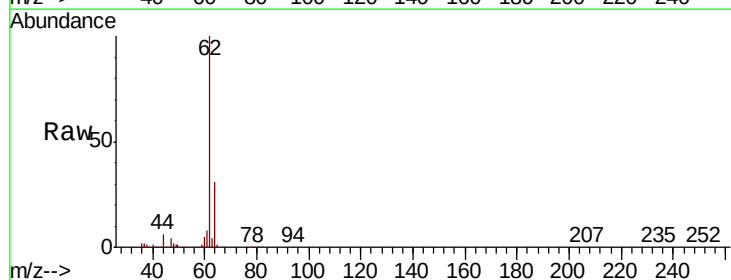
Acq: 25 Sep 2018 14:51

Tgt Ion: 62 Resp: 159315

Ion Ratio Lower Upper

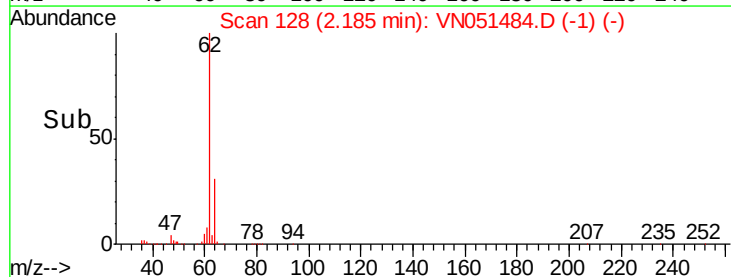
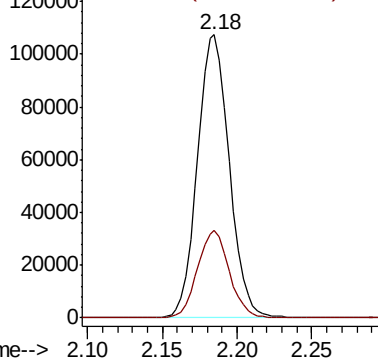
62 100

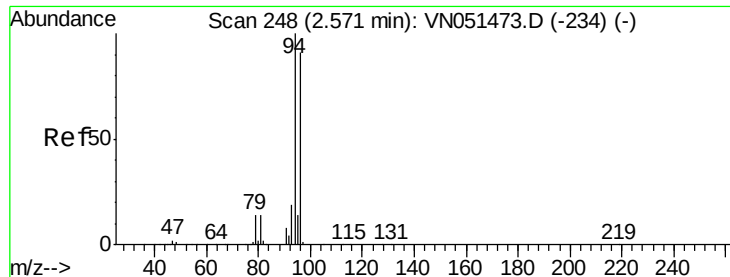
64 30.9 25.4 38.2



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.613 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tot Ion: 94 Resp: 105568

Ion Ratio Lower Upper

94 100

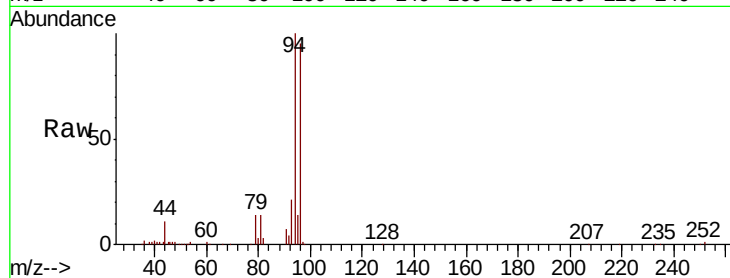
96 94.8 66.4 99.6

Manual Integrations

APPROVED

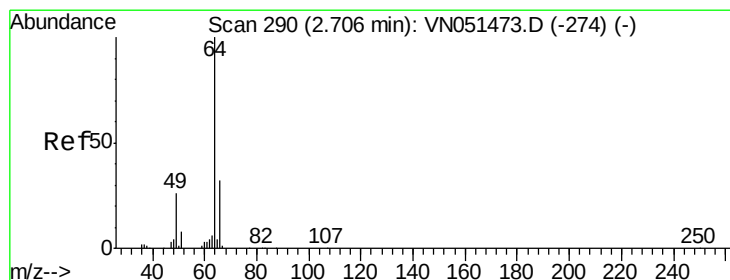
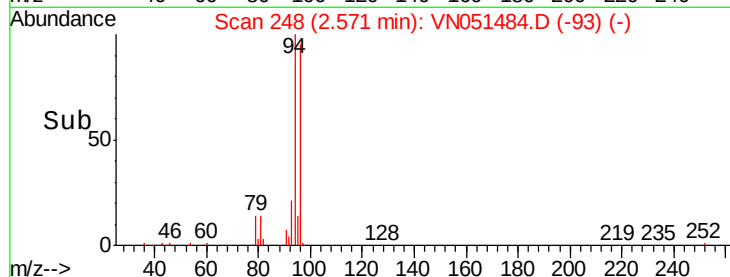
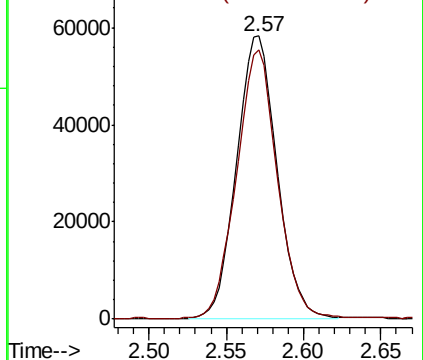
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 21.478 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051484.D

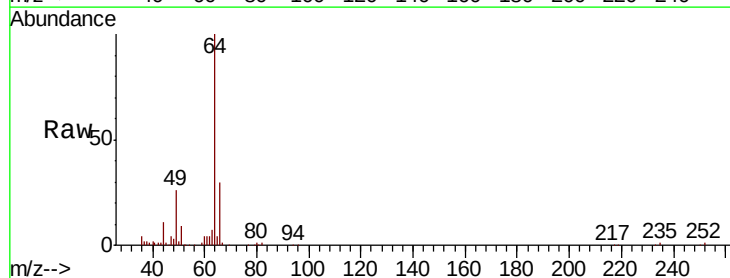
Acq: 25 Sep 2018 14:51

Tgt Ion: 64 Resp: 103739

Ion Ratio Lower Upper

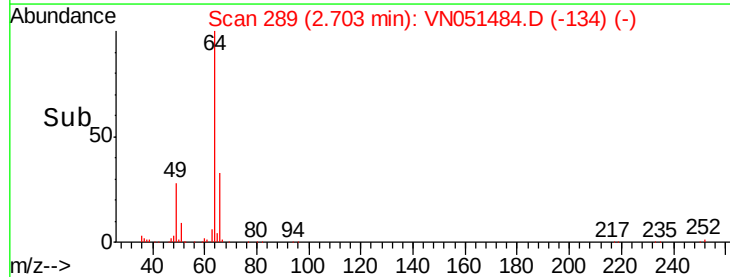
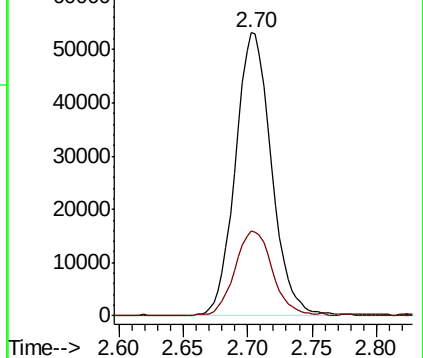
64 100

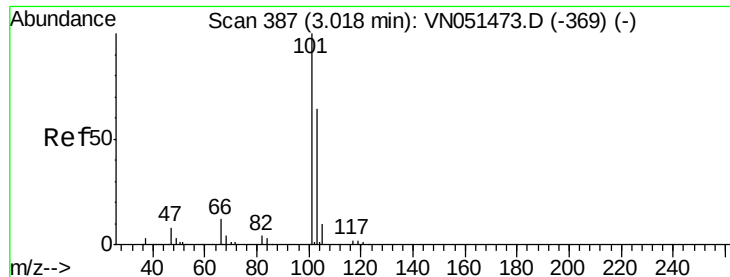
66 29.5 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

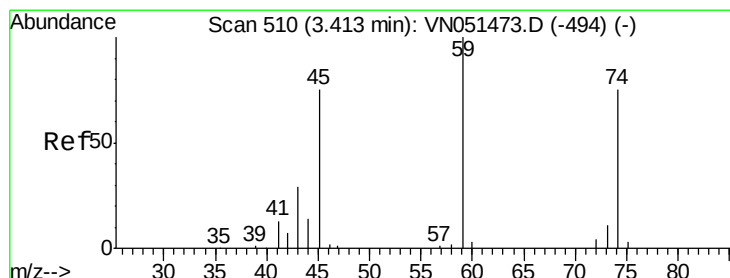
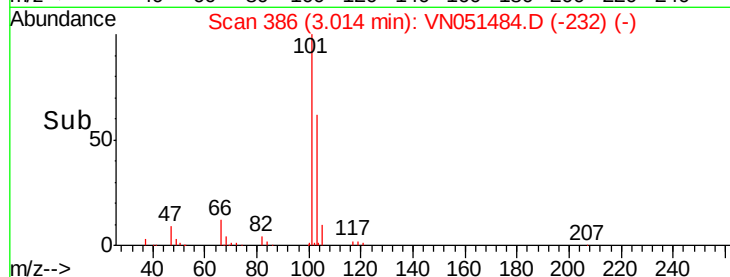
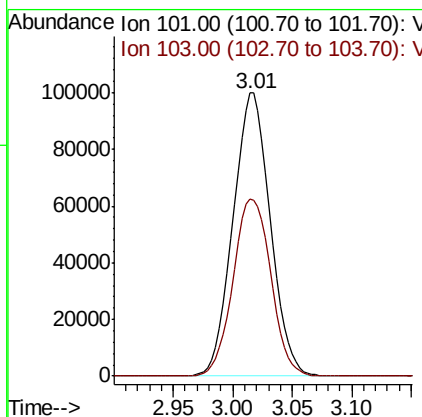
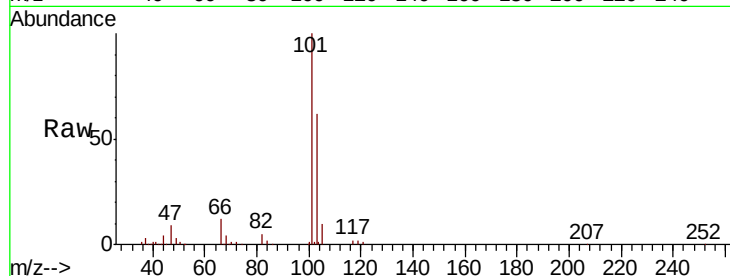
Trichlorofluoromethane
 Concen: 21.327 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	54.8	82.2

Manual Integrations
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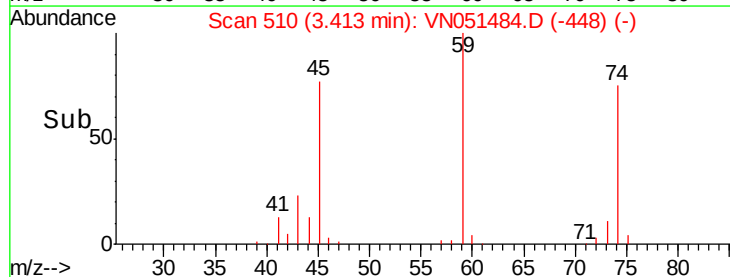
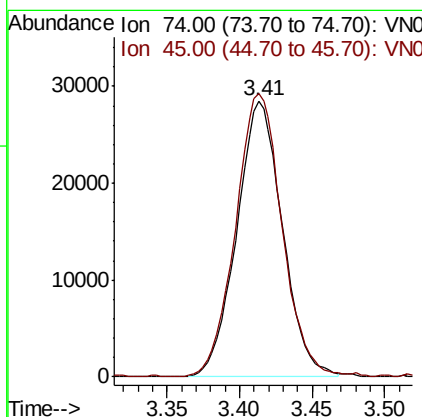
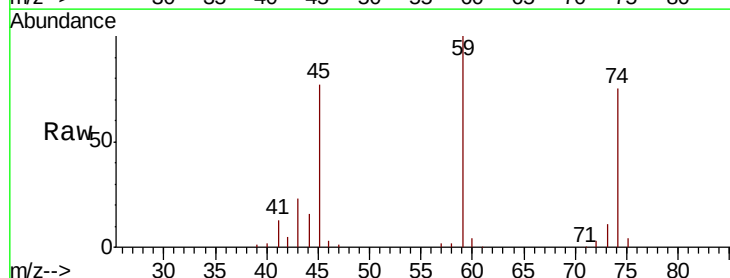
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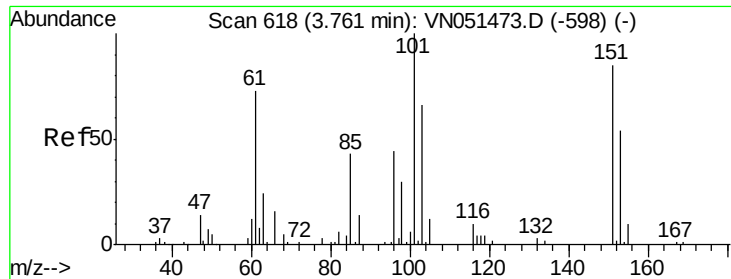


#8

Diethyl Ether
 Concen: 20.382 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.1	20.7	186.5





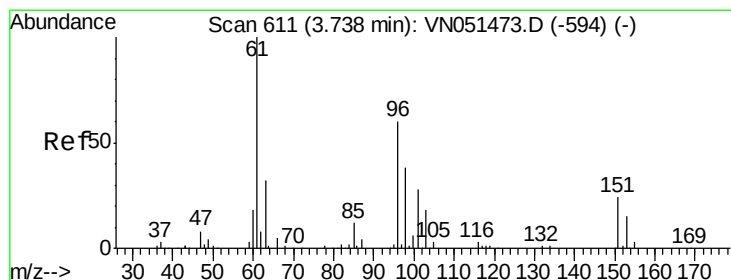
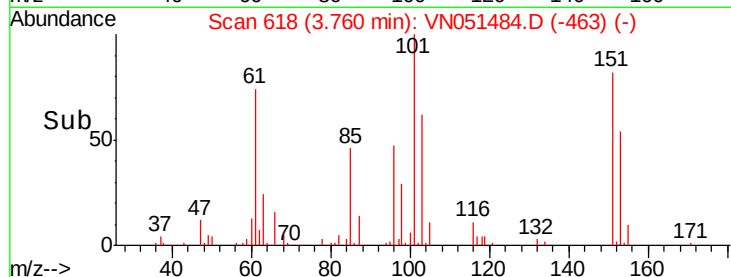
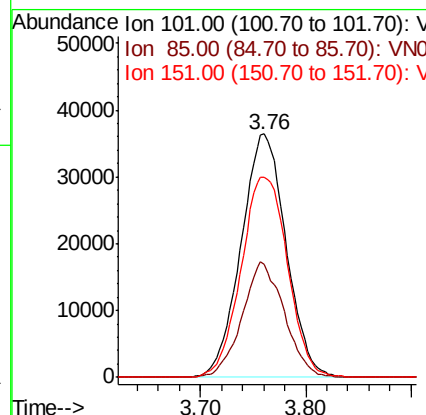
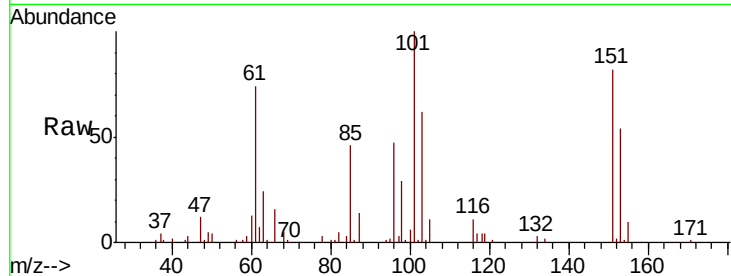
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.912 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	44.4	0.0	46.0
151	85.2	0.0	82.2#

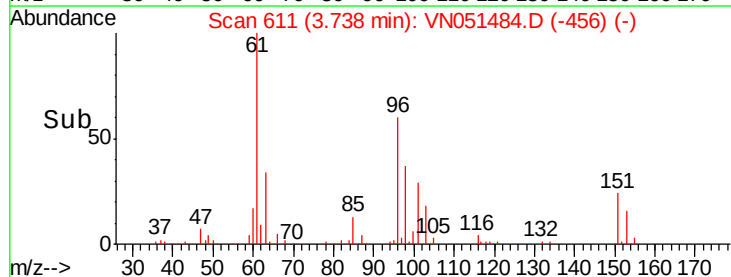
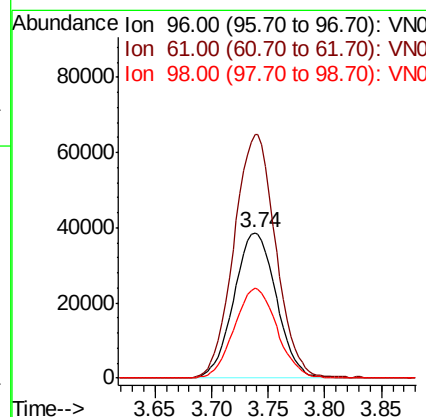
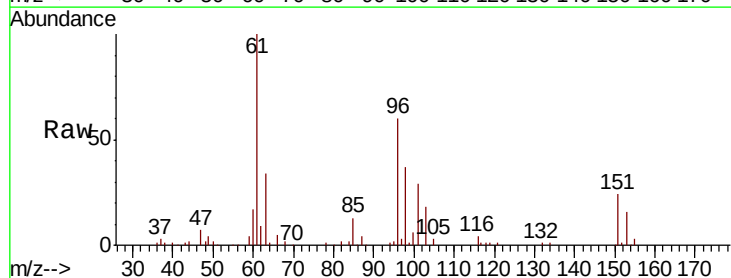
Manual Integrations
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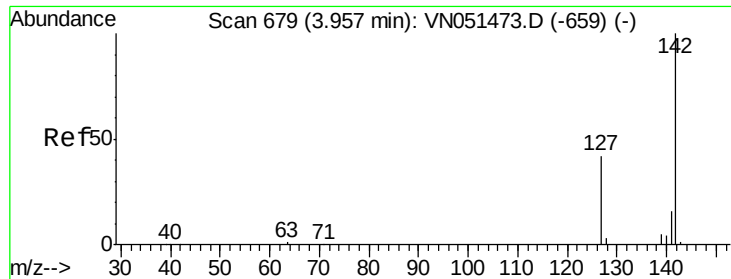
MMDadoda
 10/1/2018 11:21:33 AM



#10
 1,1-Dichloroethene
 Concen: 21.454 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	166.8	133.0	199.6
98	61.5	52.6	78.8





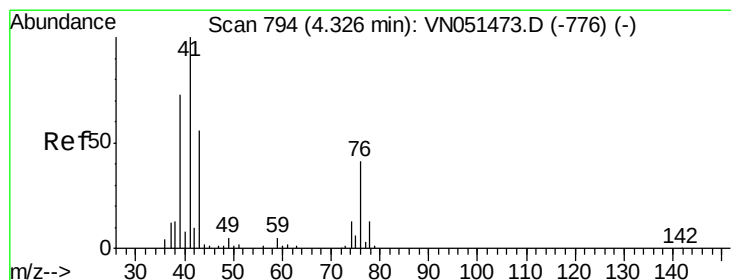
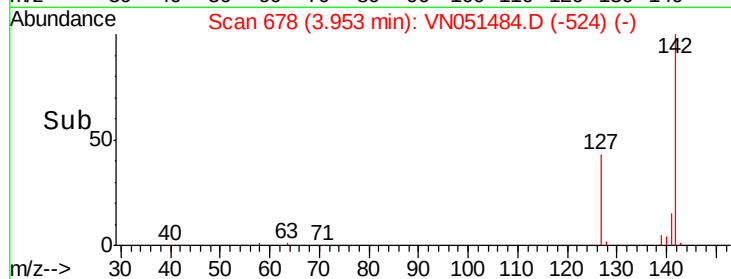
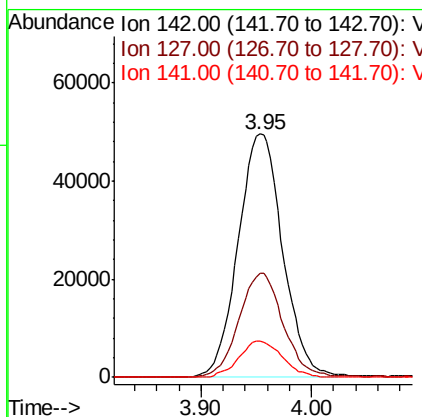
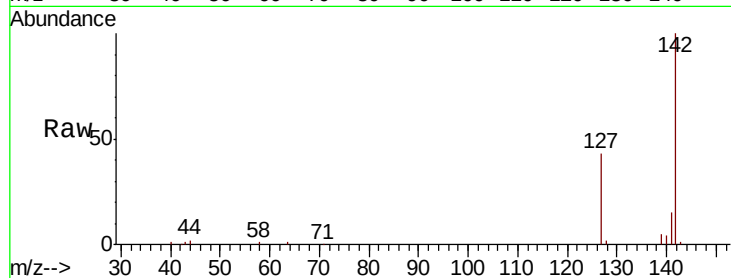
#11
Methvl Iodide
Concen: 19.993 ug/l
RT: 3.95 min Scan# 678
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.4	19.7	59.0
141	14.7	6.3	18.9

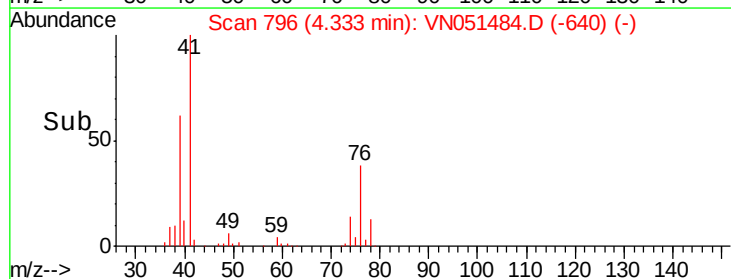
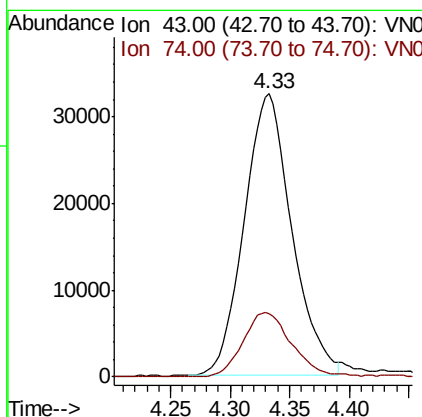
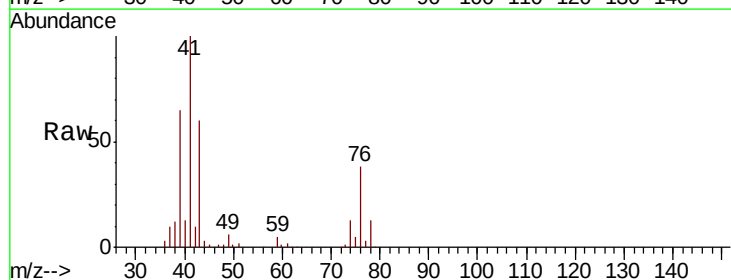
Manual Integrations
APPROVED

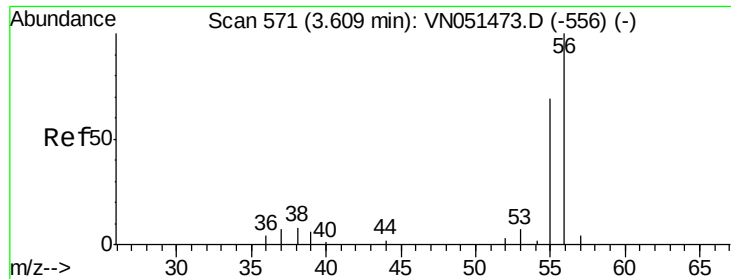
MMDadoda
10/1/2018 11:21:33 AM



#12
Methyl Acetate
Concen: 21.818 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	21.8	32.6





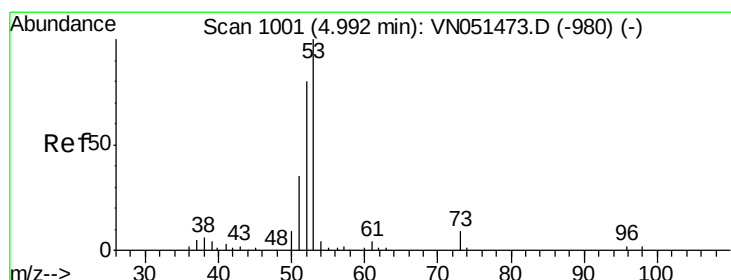
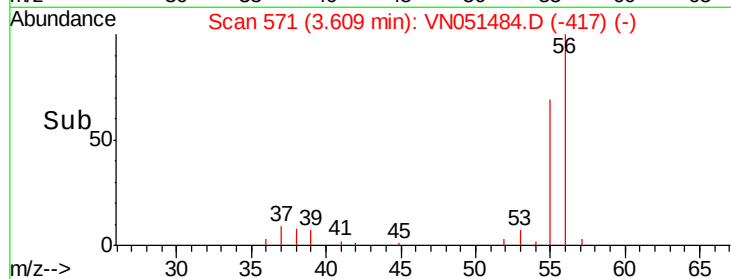
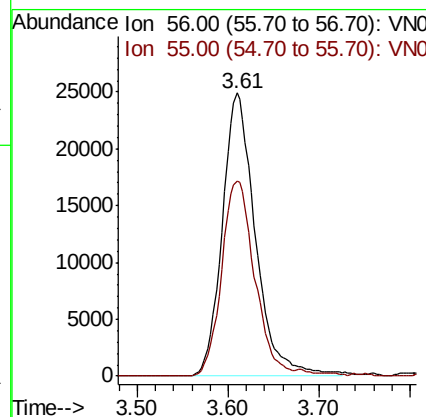
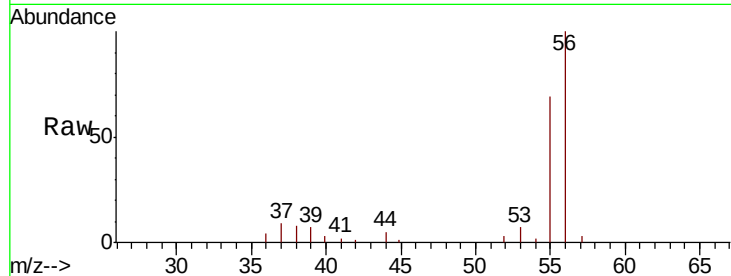
#13
Acrolein
Concen: 114.414 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion: 56 Resp: 63087
Ion Ratio Lower Upper
56 100
55 68.5 64.0 96.0

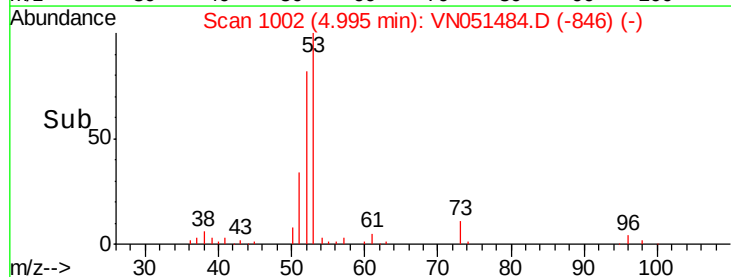
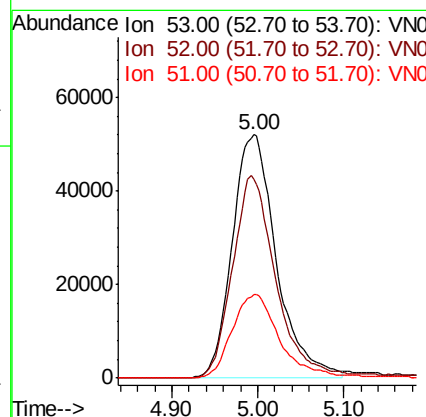
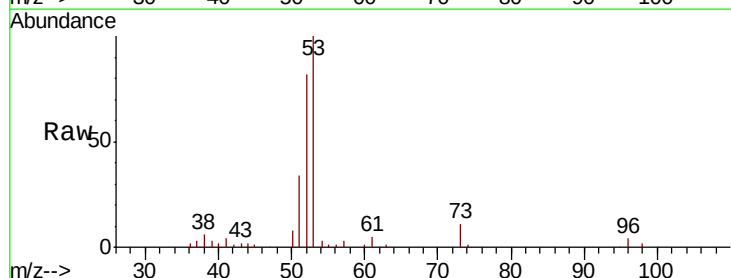
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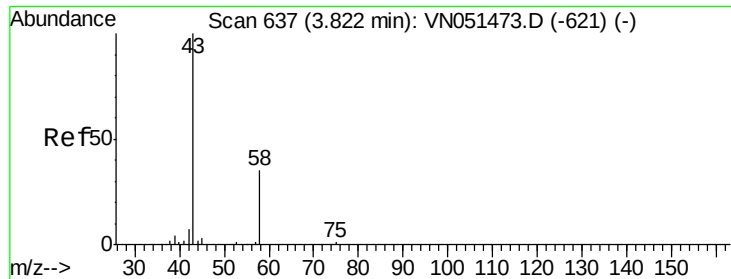
MMDadoda
10/1/2018 11:21:33 AM



#14
Acrylonitrile
Concen: 110.606 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion: 53 Resp: 185789
Ion Ratio Lower Upper
53 100
52 80.8 18.3 54.8#
51 36.7 19.7 59.1





#15

Acetone

Concen: 108.685 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

Tot Ion: 58 Resp: 44963

Ion Ratio Lower Upper

58 100

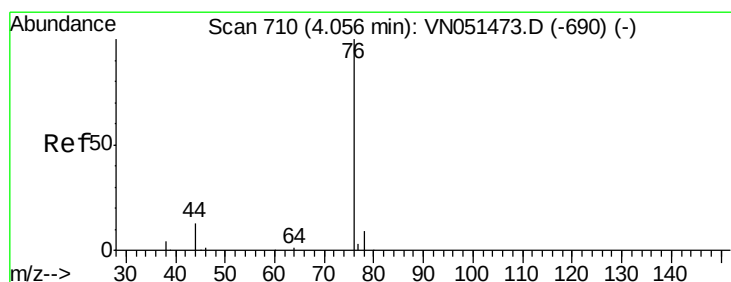
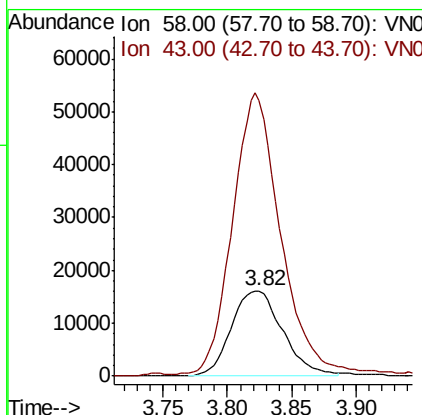
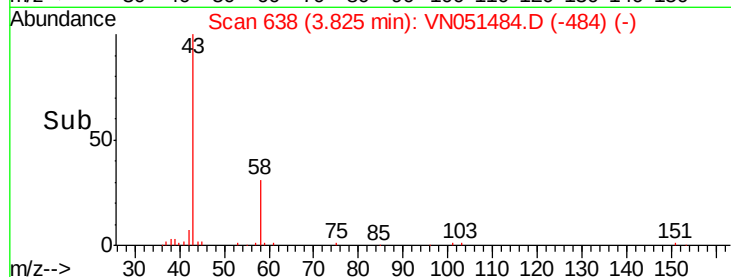
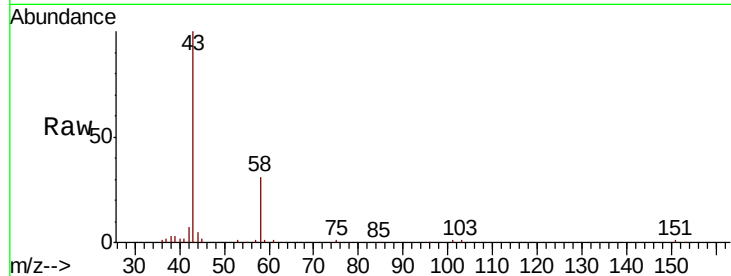
43 318.8 232.2 348.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.899 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051484.D

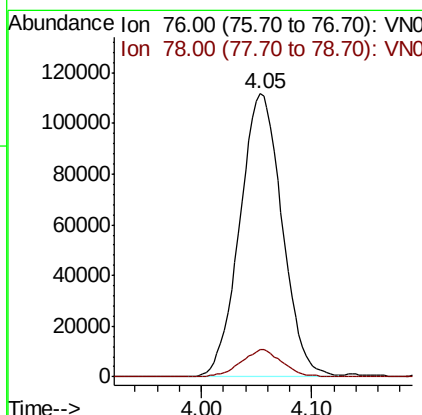
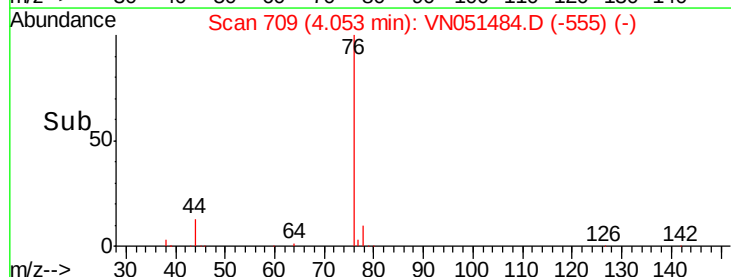
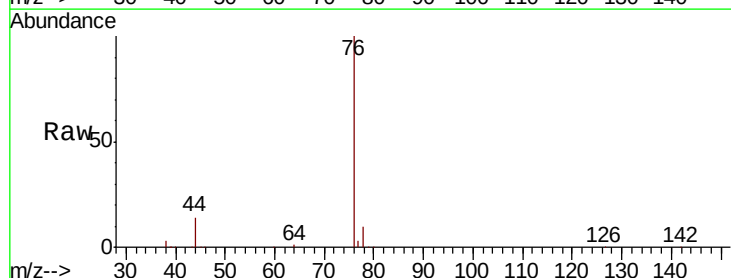
Acq: 25 Sep 2018 14:51

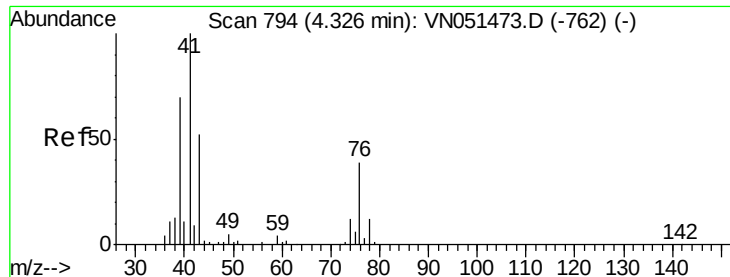
Tgt Ion: 76 Resp: 296942

Ion Ratio Lower Upper

76 100

78 9.7 6.7 10.1





#17

Allvl chloride

Concen: 20.861 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

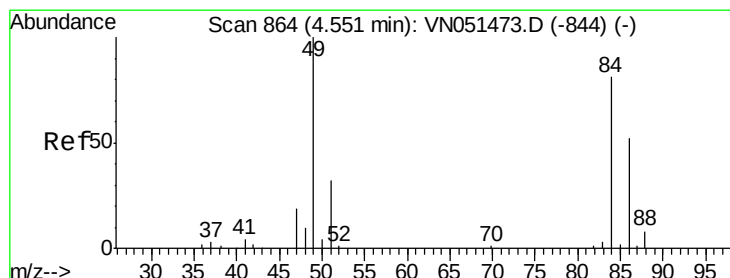
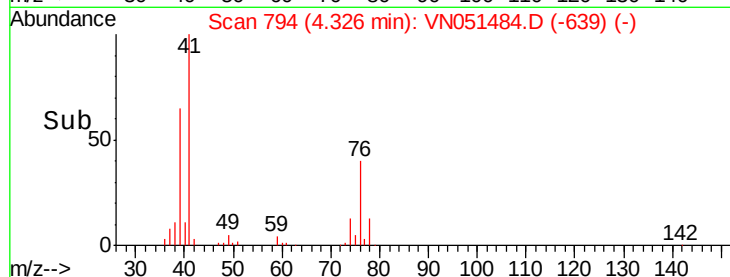
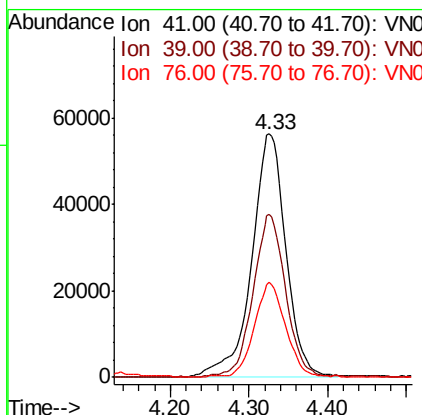
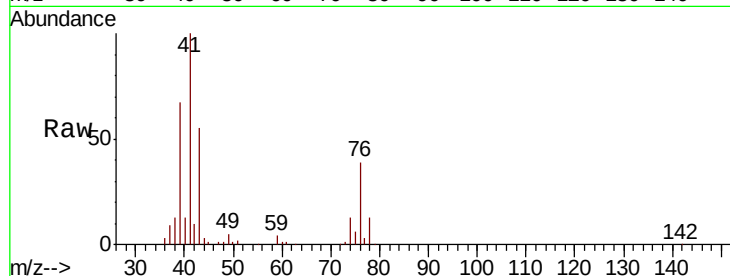
ClientSampleId :

VN0925WBS01

Tot Ion:	41	Resp:	173255
Ion	Ratio	Lower	Upper
41	100		
39	67.1	32.6	97.8
76	38.6	20.2	60.5

Manual Integrations
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#18

Methylene Chloride

Concen: 22.133 ug/l

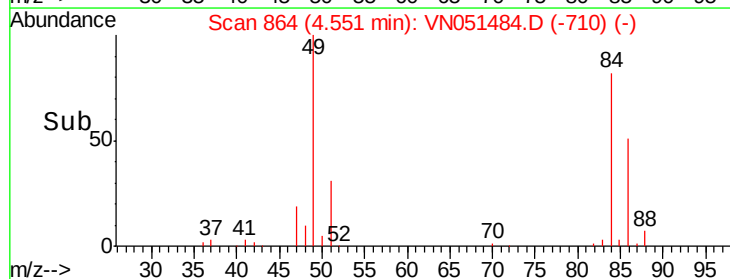
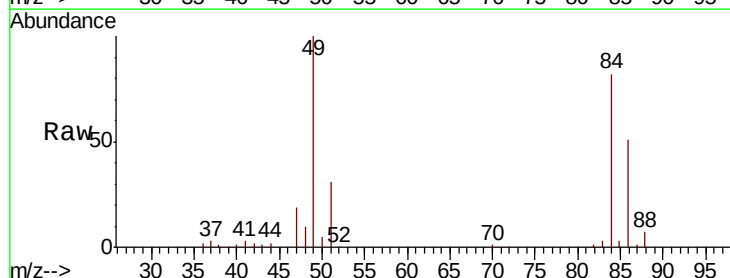
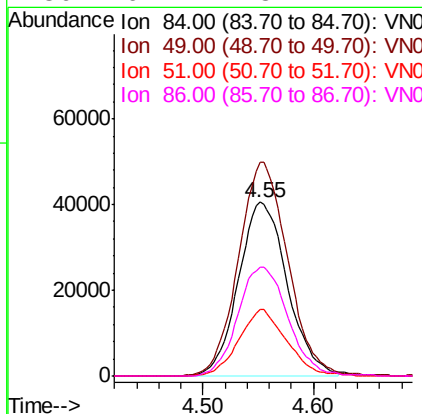
RT: 4.55 min Scan# 864

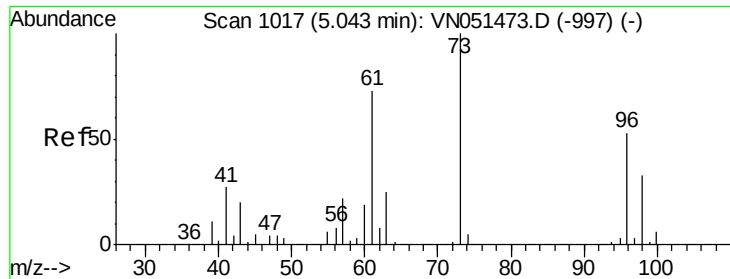
Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	84	Resp:	124354
Ion	Ratio	Lower	Upper
84	100		
49	121.8	91.6	137.4
51	38.3	29.8	44.6
86	62.2	48.2	72.4





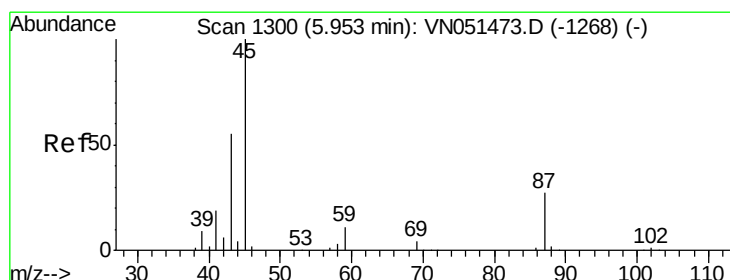
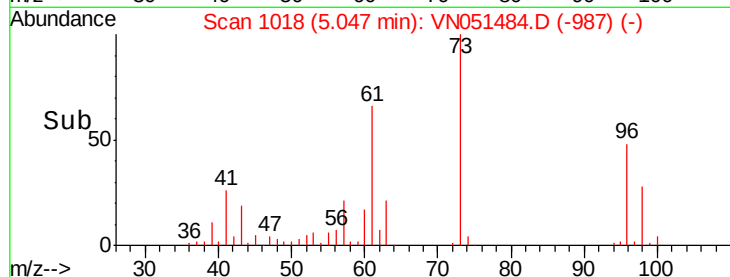
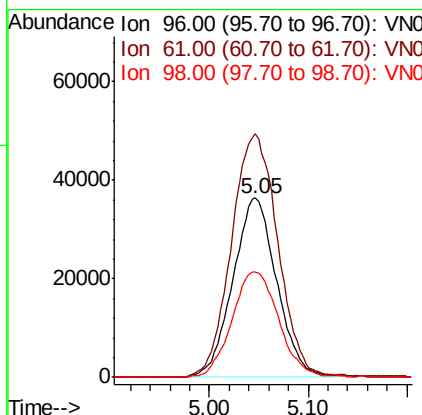
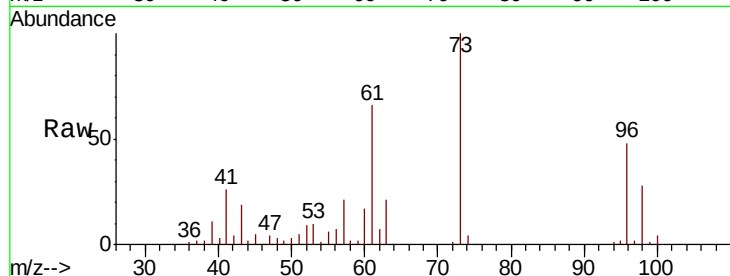
#19
trans-1,2-Dichloroethene
Concen: 22.024 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	112.3	168.5
98	58.2	47.1	70.7

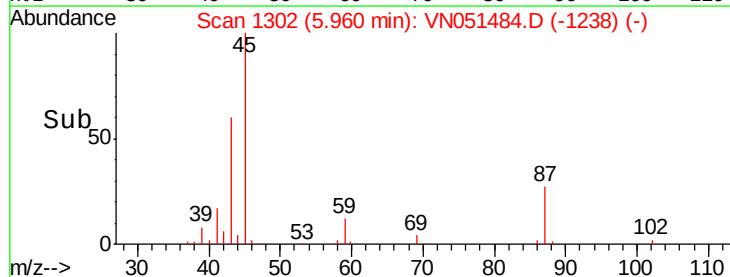
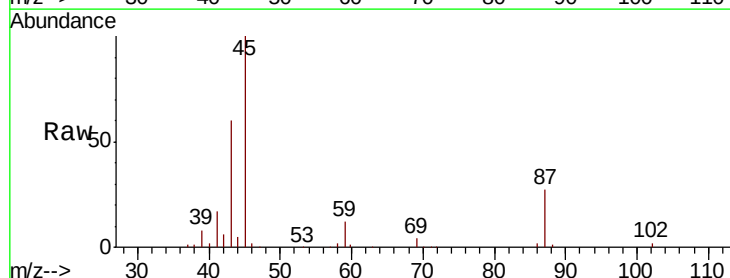
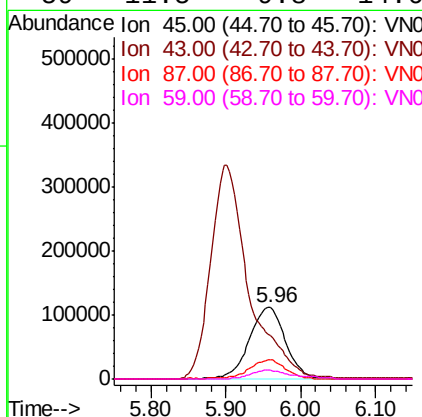
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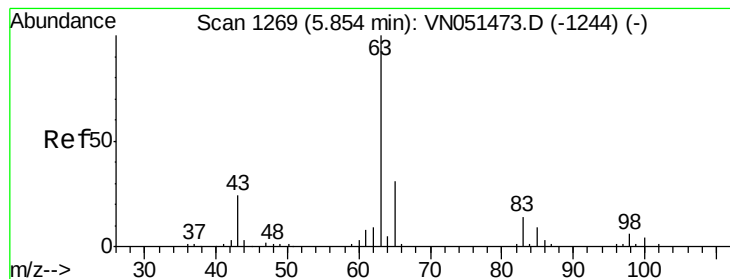
MMDadoda
10/1/2018 11:21:33 AM



#20
Diisopropyl ether
Concen: 22.654 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.8	62.1	93.1#
87	27.2	19.9	29.9
59	11.5	9.8	14.6





#21

1,1-Dichloroethane

Concen: 22.216 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

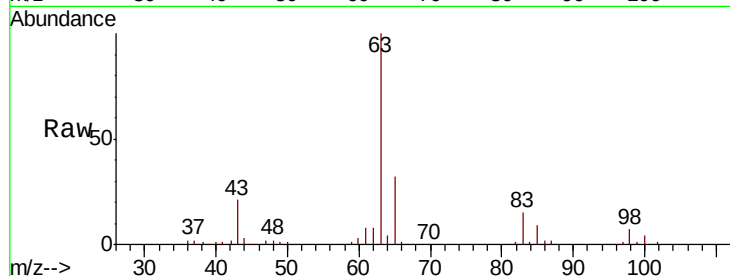
ClientSampleId :

VN0925WBS01

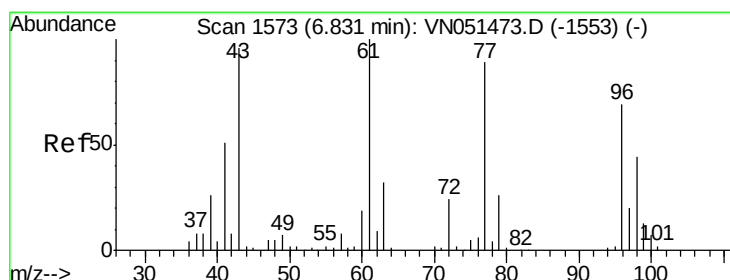
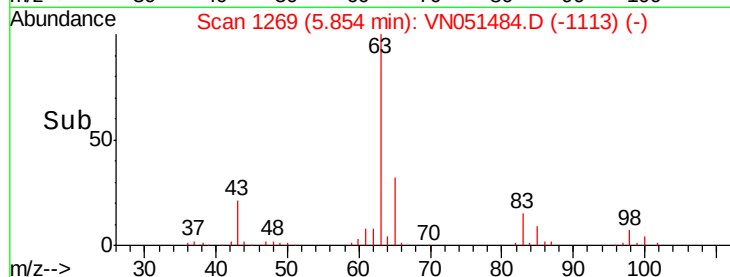
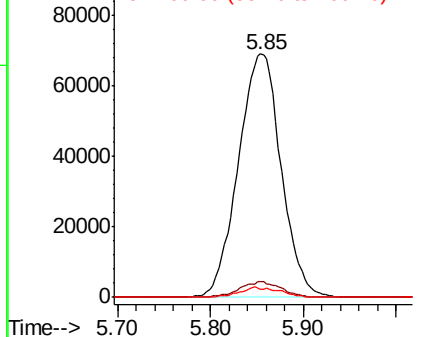
Tot Ion	Ratio	Resp	Lower	Upper
63	100	220678		
98	6.7		4.1	12.3
100	3.5		1.6	4.7

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Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 21.932 ug/l

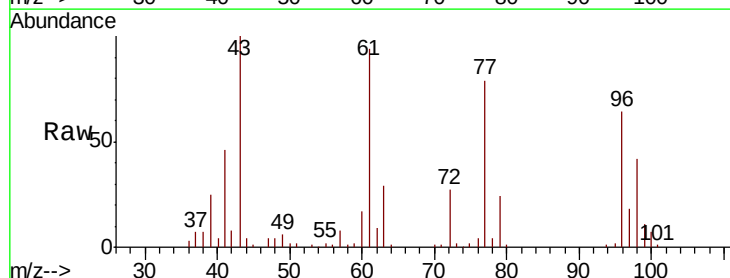
RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

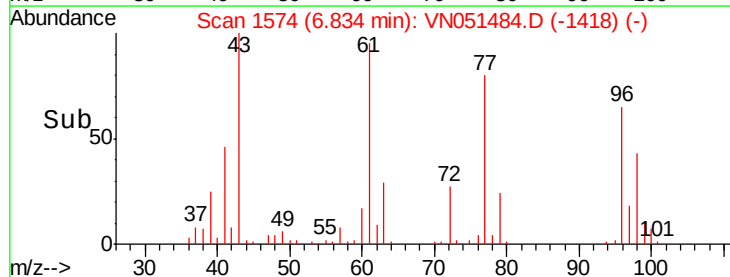
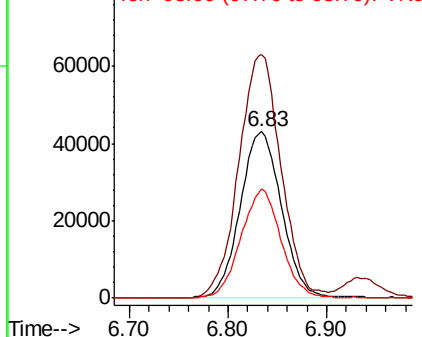
Lab File: VN051484.D

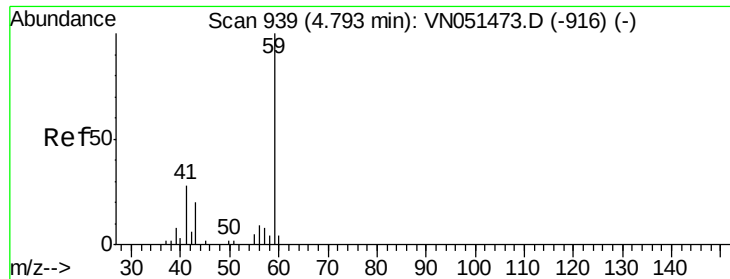
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	124987		
61	148.8		124.5	186.7
98	63.7		51.9	77.9



Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





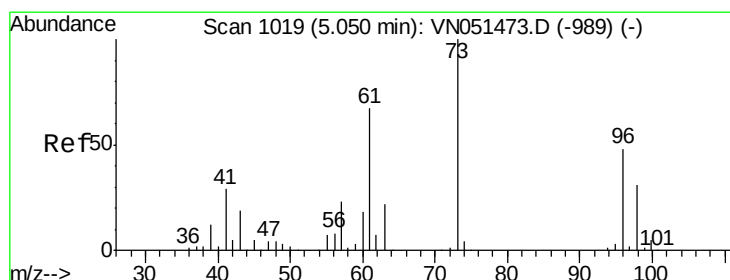
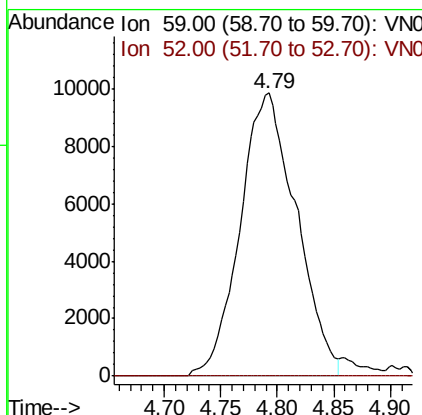
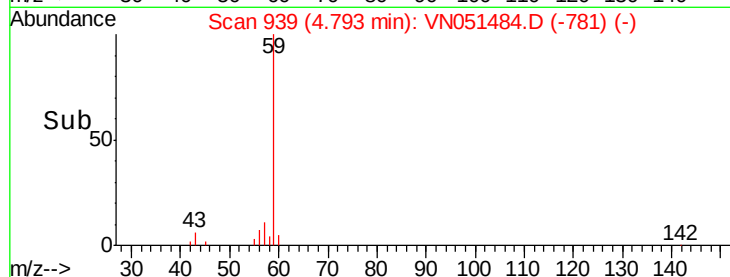
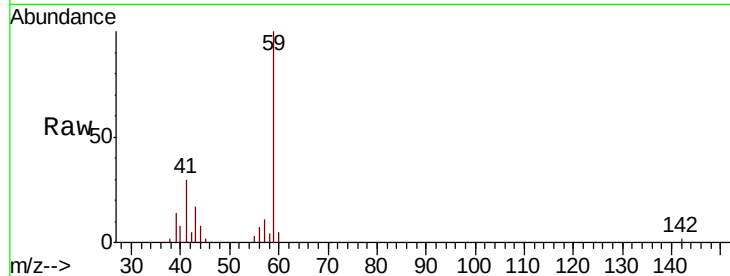
#23
tert-Butyl Alcohol
Concen: 107.626 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

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

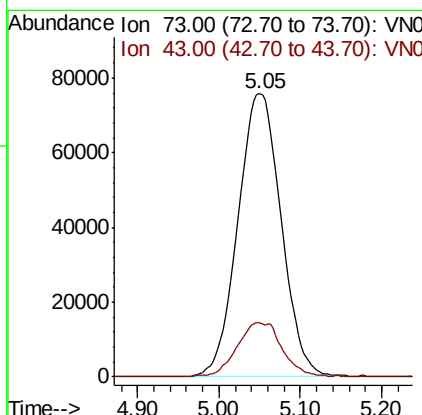
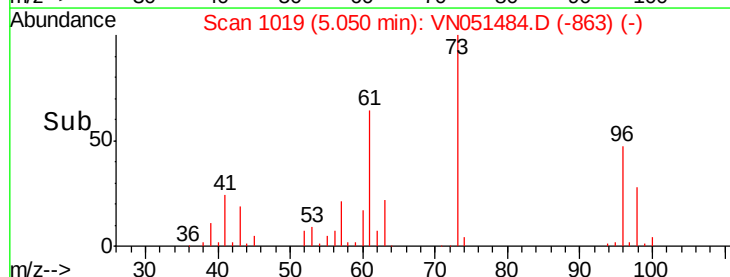
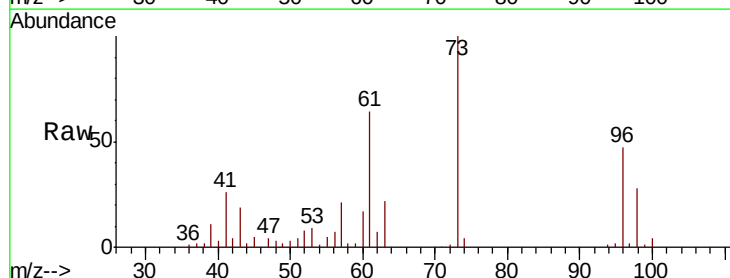
Manual Integrations
APPROVED

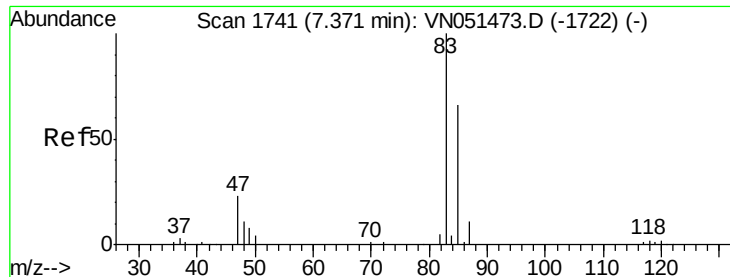
MMDadoda
10/1/2018 11:21:33 AM



#24
Methyl tert-Butyl Ether
Concen: 21.752 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	11.8	5.4	8.0#





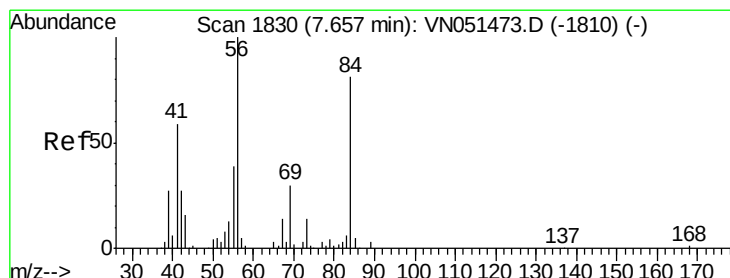
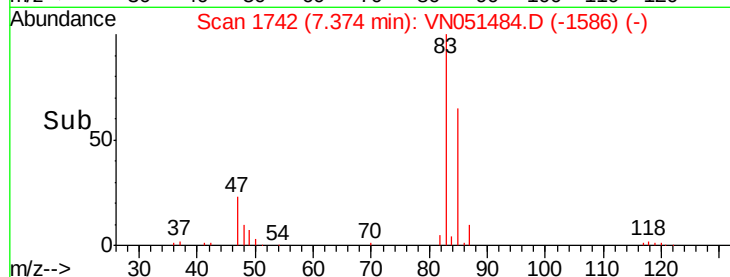
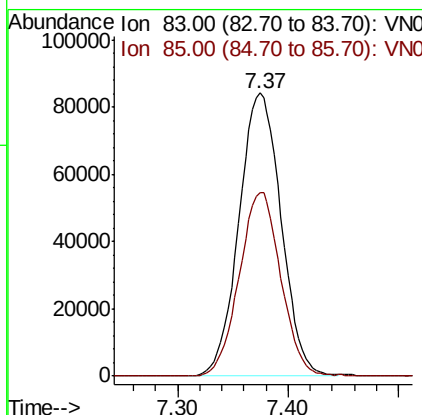
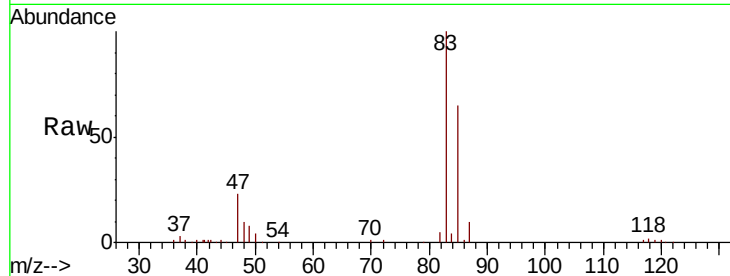
#25
Chloroform
Concen: 22.549 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion	83	Resp	223403
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	54.6	82.0

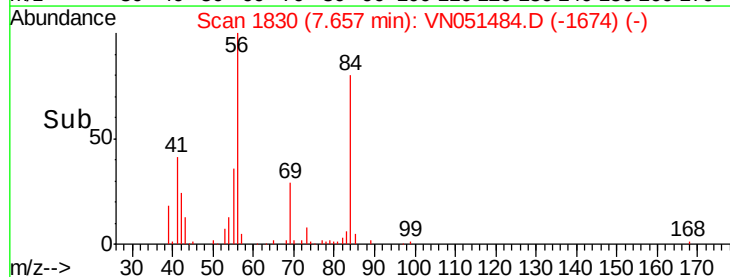
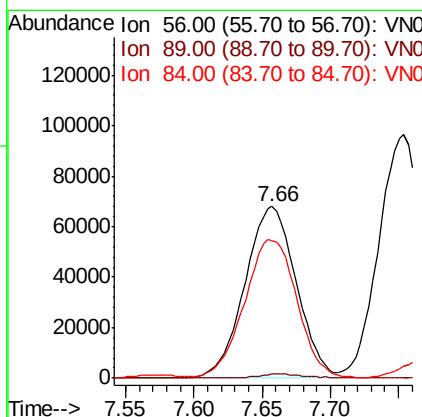
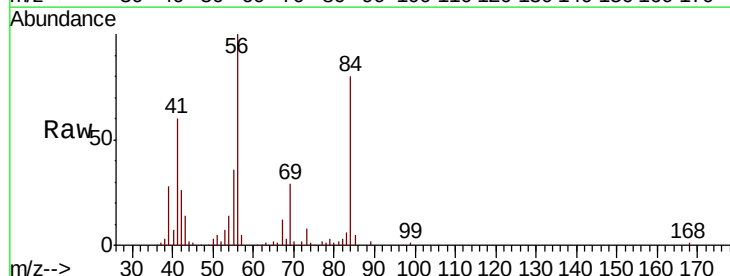
Manual Integrations
APPROVED

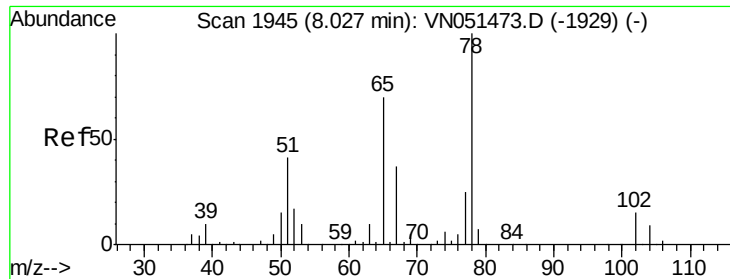
MMDadoda
10/1/2018 11:21:33 AM



#26
Cyclohexane
Concen: 21.025 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	56	Resp	177805
Ion Ratio	100	Lower	Upper
56	100		
89	2.0	1.5	2.3
84	82.8	64.2	96.4





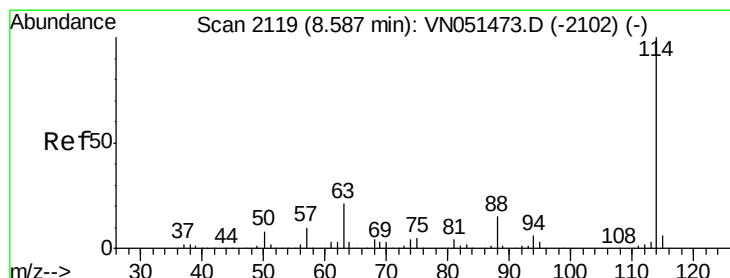
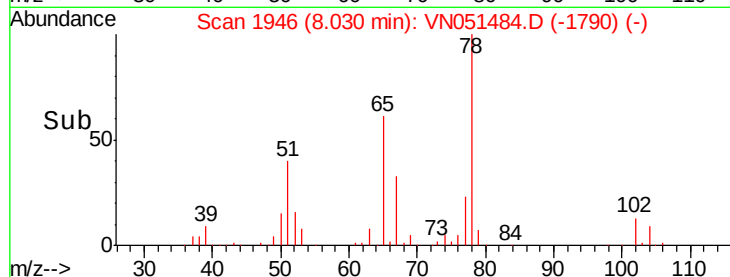
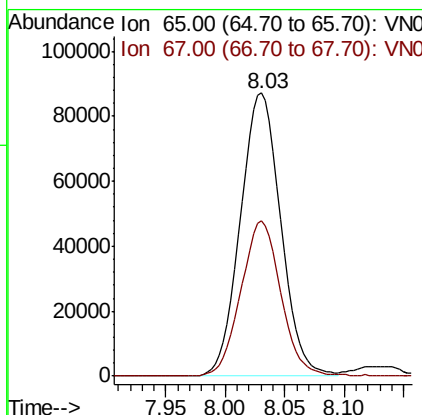
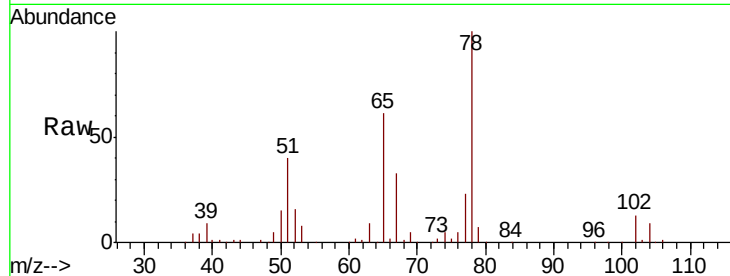
#27
 1,2-Dichloroethane-d4
 Concen: 29.908 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion: 65 Resp: 205275
 Ion Ratio Lower Upper
 65 100
 67 54.0 41.8 62.8

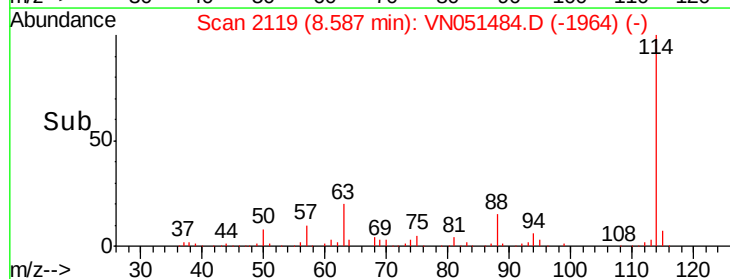
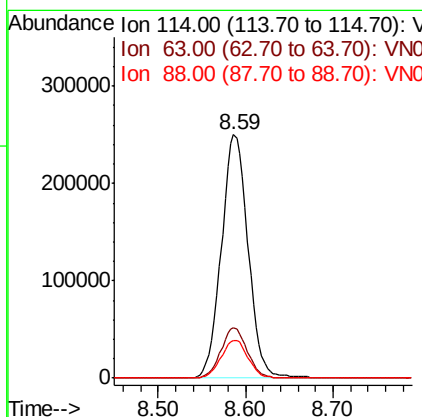
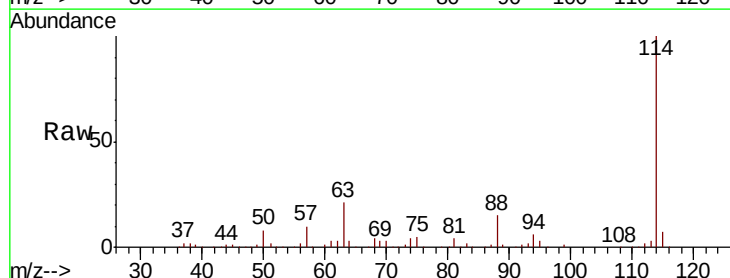
Manual Integrations
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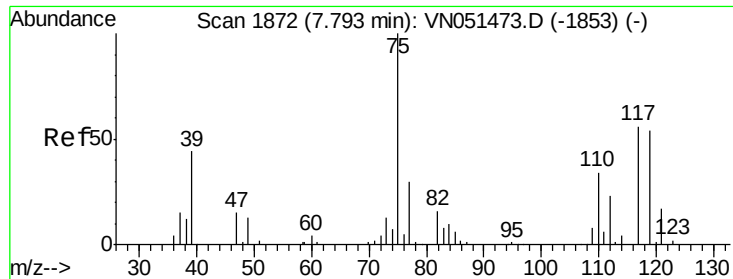
MMDadoda
 10/1/2018 11:21:33 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 114 Resp: 530463
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.2 24.2
 88 15.6 12.2 18.4





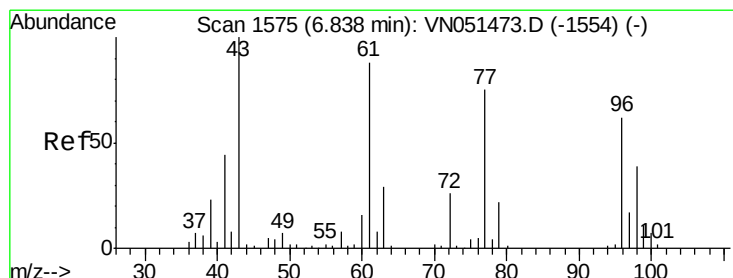
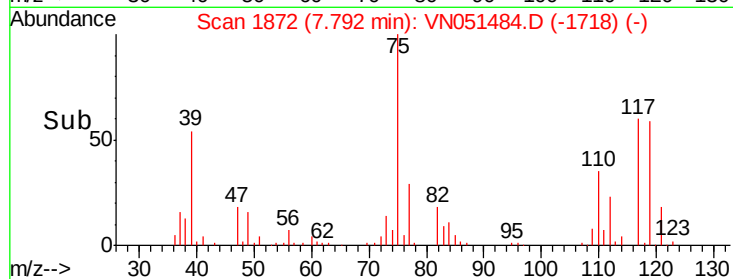
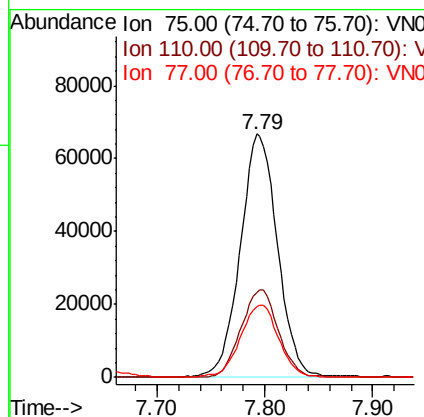
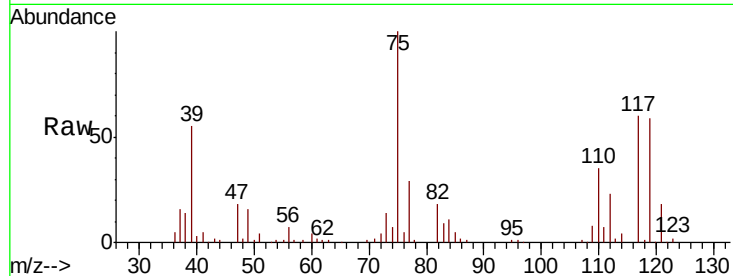
#29
 1,1-Dichloropropene
 Concen: 21.295 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.2	0.0	70.8
77	30.9	0.0	61.6

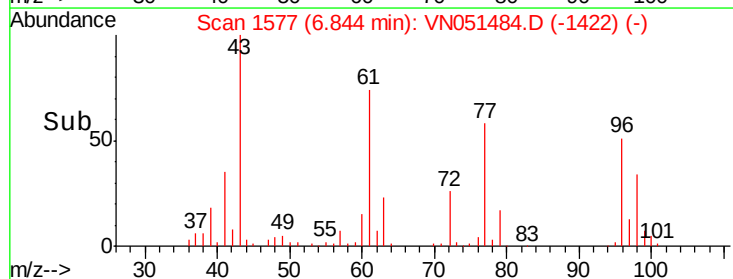
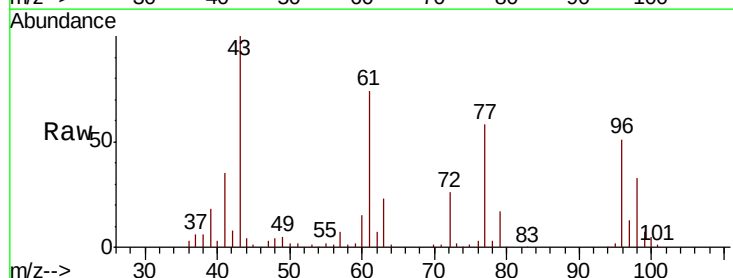
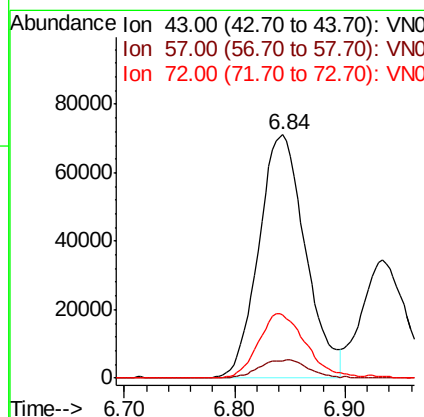
Manual Integrations
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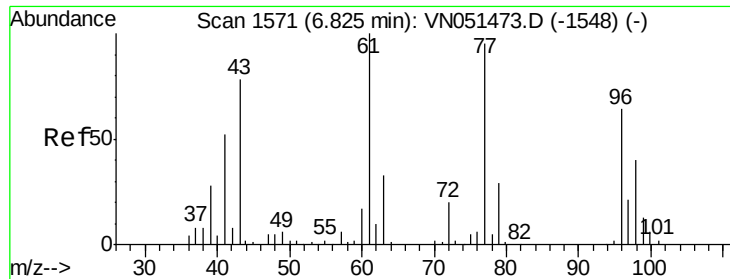
MMDadoda
 10/1/2018 11:21:33 AM



#30
 2-Butanone
 Concen: 108.205 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	3.6	4.5	6.7#
72	26.8	21.5	32.3





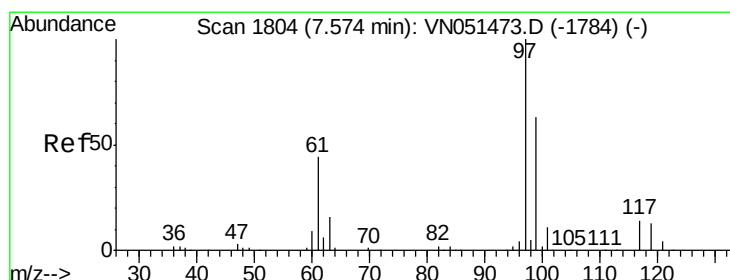
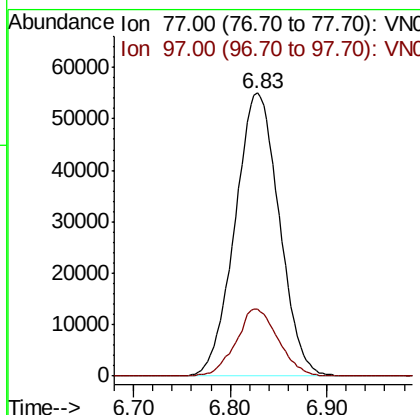
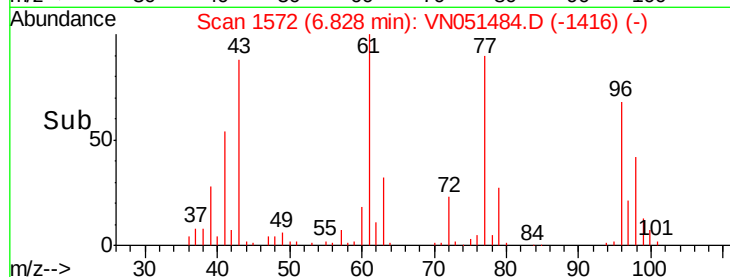
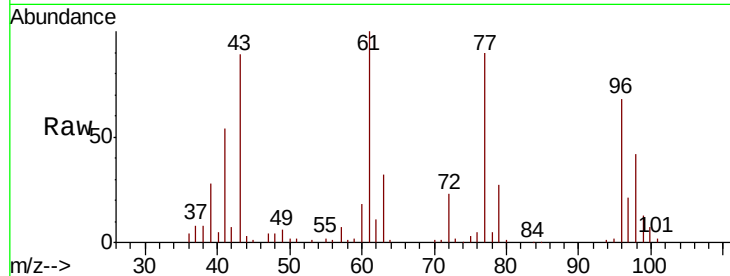
#31
 2,2-Dichloropropane
 Concen: 21.962 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion: 77 Resp: 174968
 Ion Ratio Lower Upper
 77 100
 97 22.7 12.0 18.0#

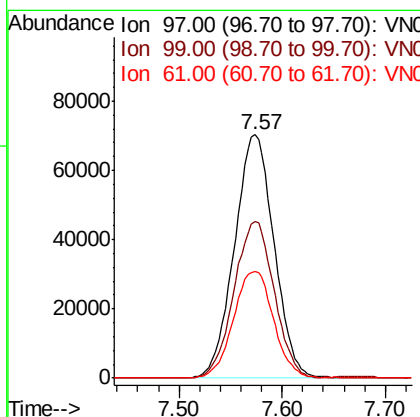
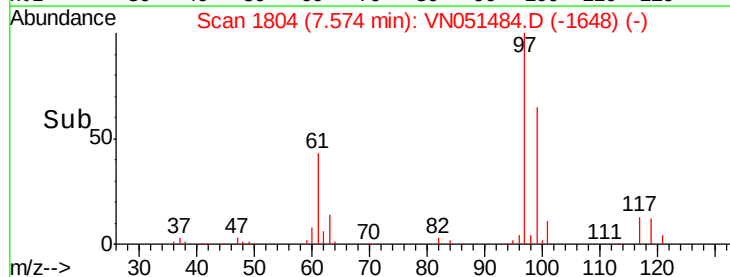
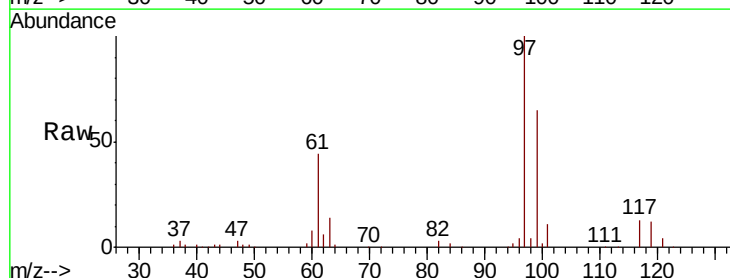
Manual Integrations
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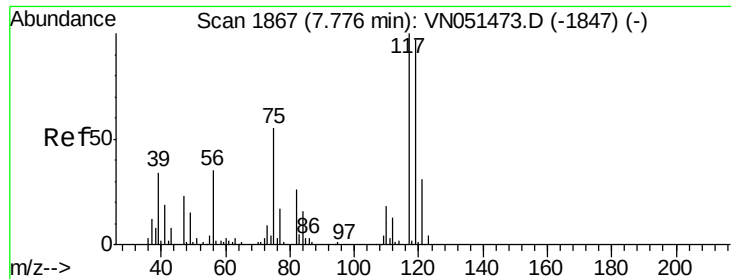
MMDadoda
 10/1/2018 11:21:33 AM



#32
 1,1,1-Trichloroethane
 Concen: 22.059 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 97 Resp: 188092
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.6 77.4
 61 44.4 37.4 56.0





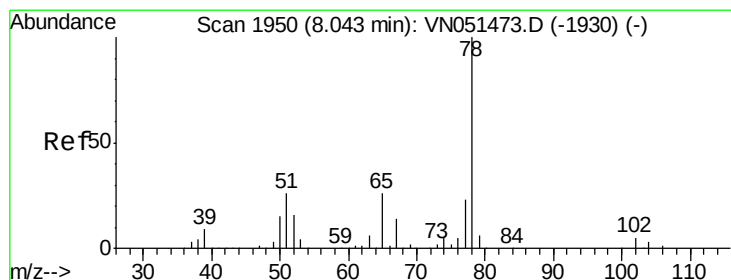
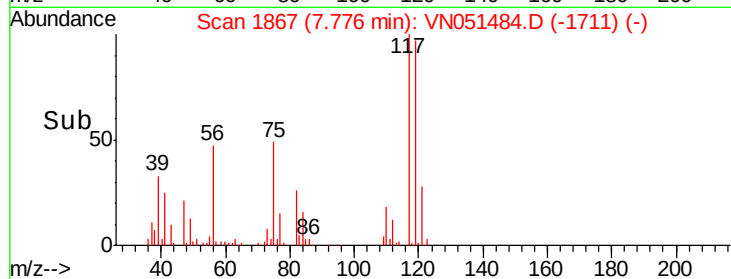
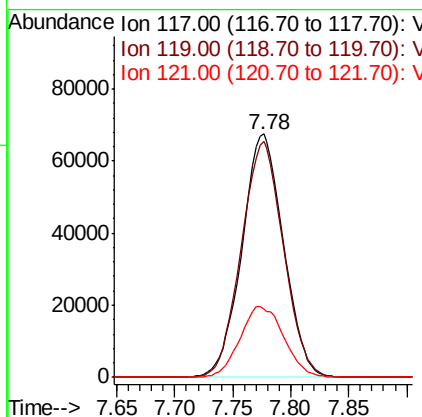
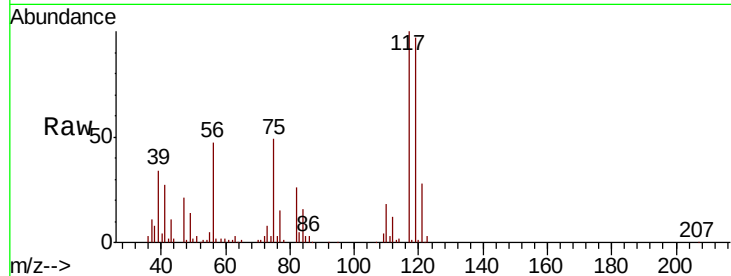
#33
Carbon Tetrachloride
Concen: 21.532 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.8	85.1	127.7
121	28.0	24.2	36.2

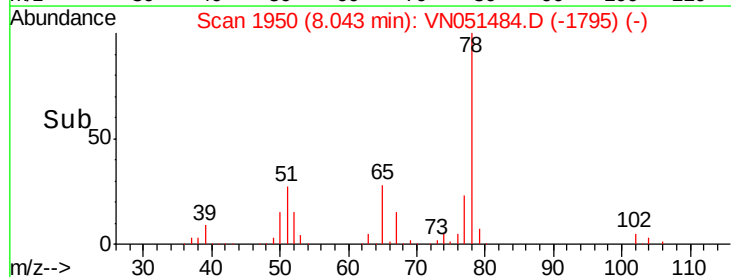
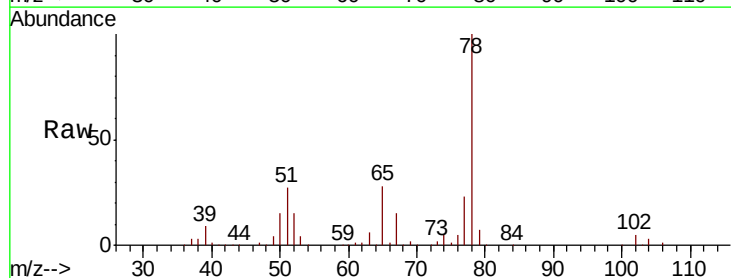
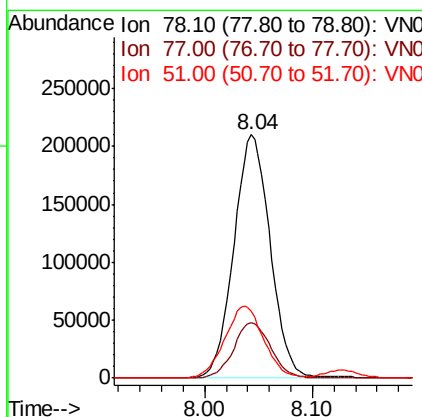
Manual Integrations
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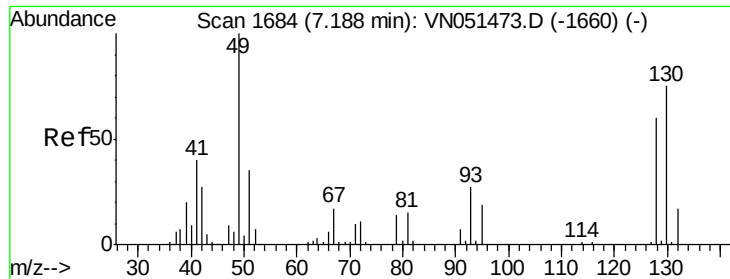
MMDadoda
10/1/2018 11:21:33 AM



#34
Benzene
Concen: 22.204 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2
51	27.1	46.2	69.4#





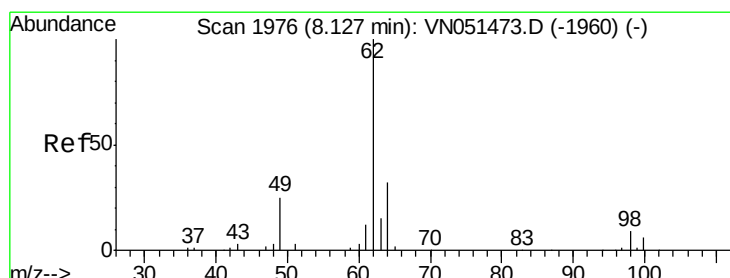
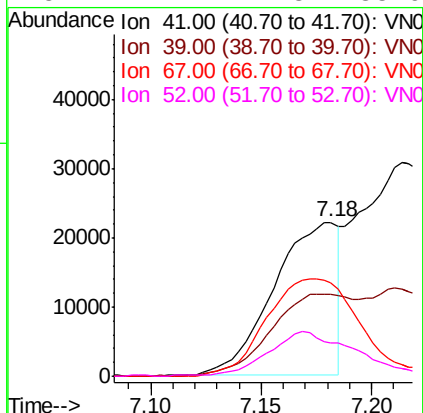
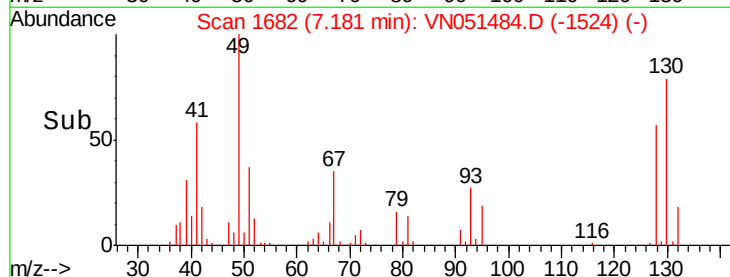
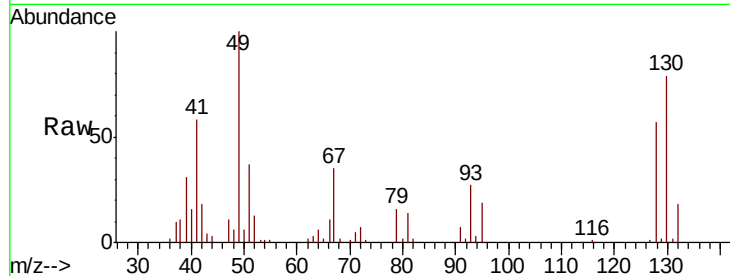
#35
Methacrylonitrile
Concen: 16.053 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		44630		
39	52.9	22.6	67.7		
67	61.1	28.9	86.8		
52	21.4	11.3	33.9		

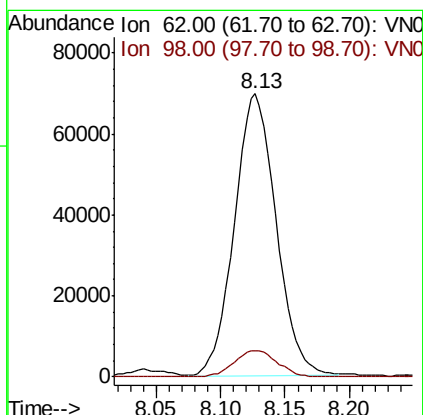
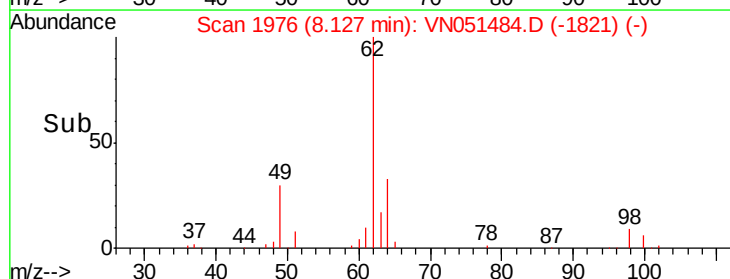
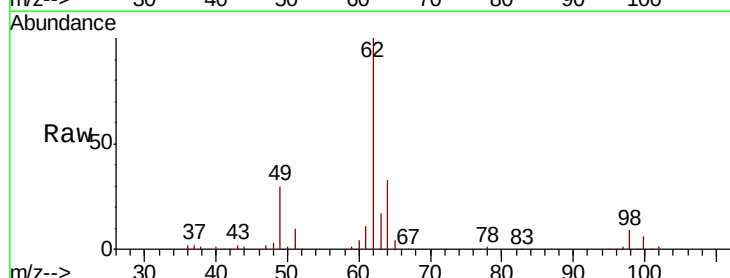
Manual Integrations
APPROVED

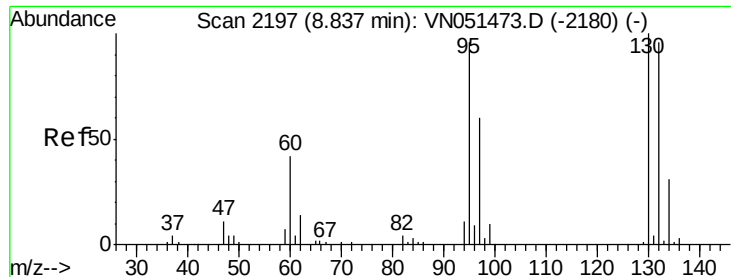
MMDadoda
10/1/2018 11:21:33 AM



#36
1,2-Dichloroethane
Concen: 21.705 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		156720		
98	9.7	6.9	10.3		





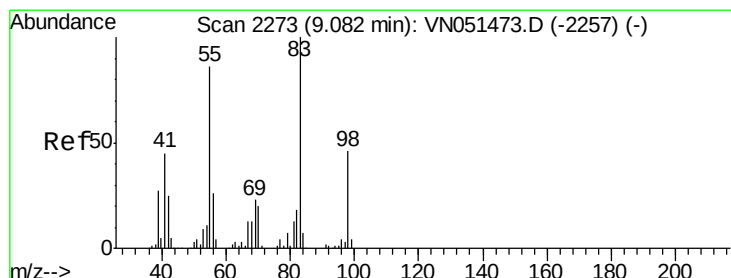
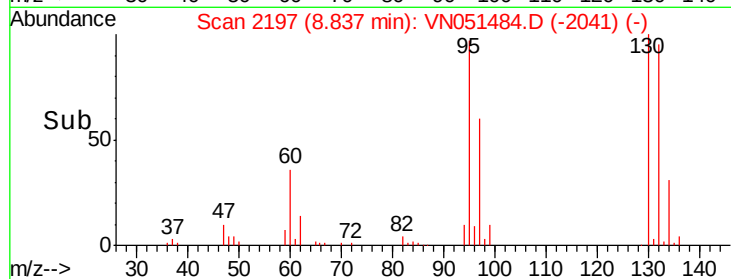
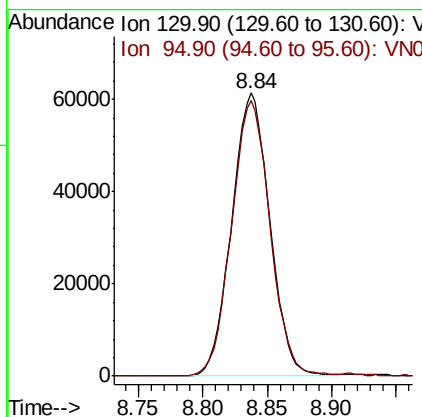
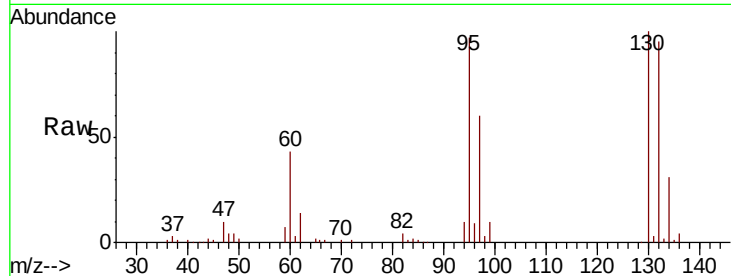
#37
 Trichloroethene
 Concen: 21.470 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	126187		
95	97.2	76.4	114.6	

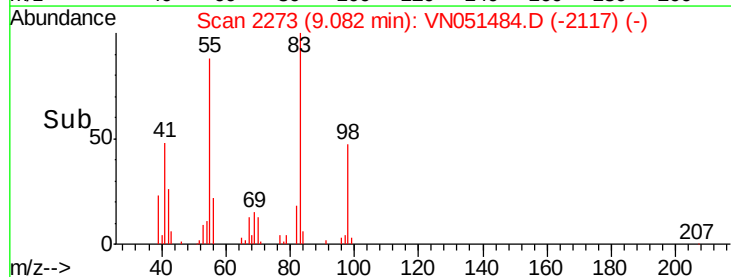
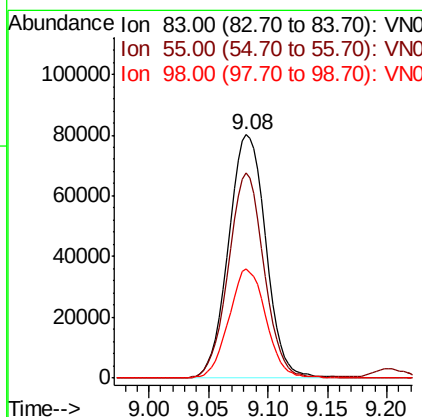
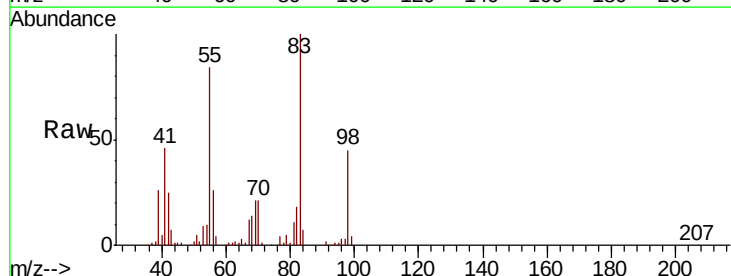
Manual Integrations
 APPROVED

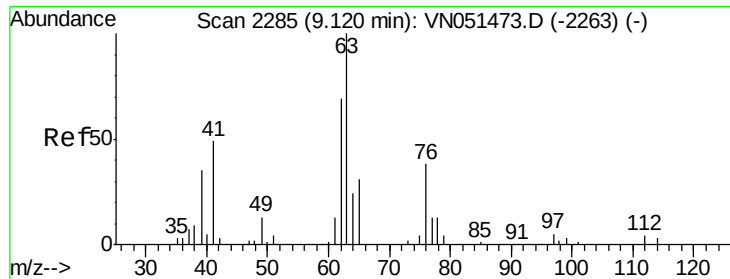
MMDadoda
 10/1/2018 11:21:33 AM



#38
 Methylcyclohexane
 Concen: 20.170 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	174635		
55	80.5	43.0	129.2	
98	44.5	21.3	63.7	





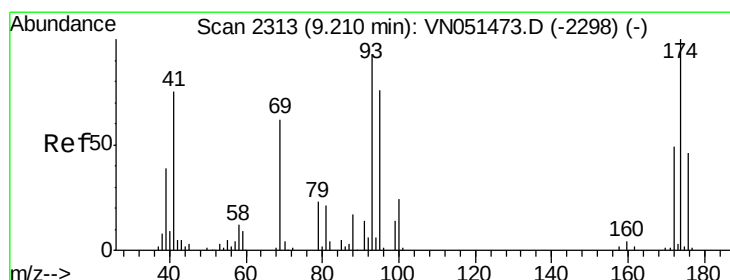
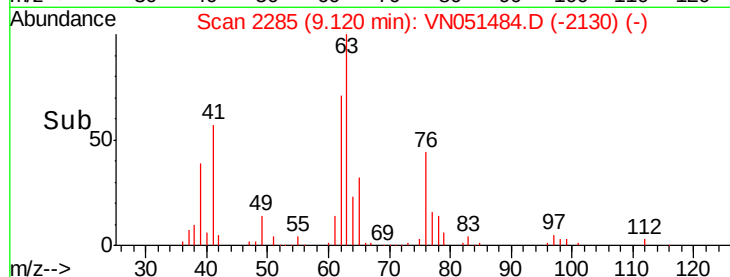
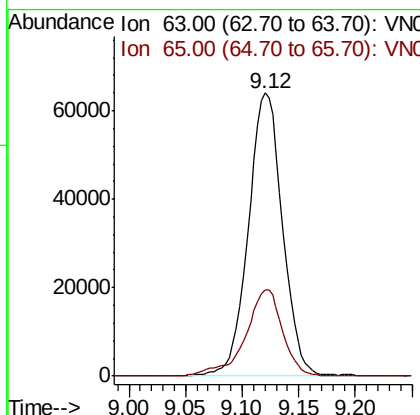
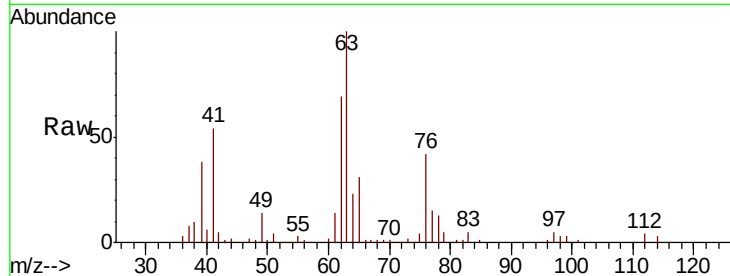
#39
 1,2-Dichloropropane
 Concen: 22.281 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion: 63 Resp: 134409
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.2 34.8

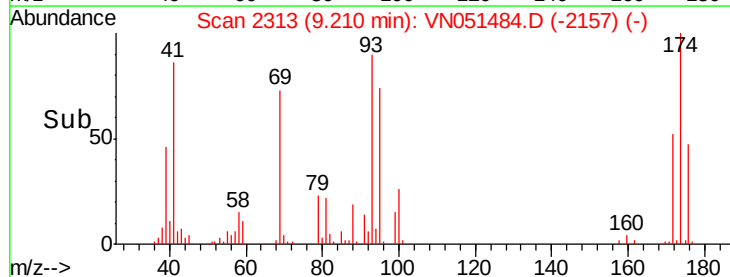
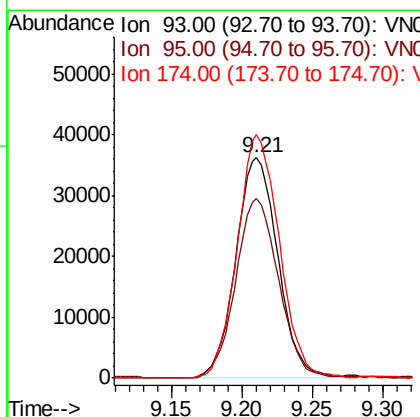
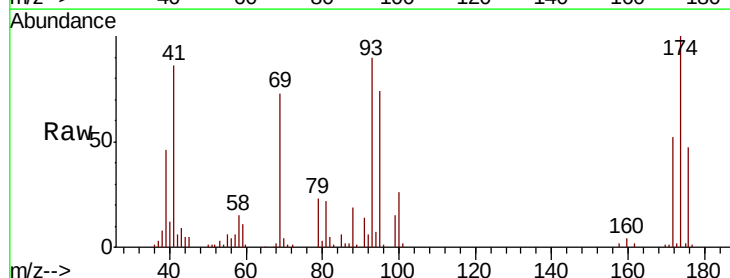
Manual Integrations
 APPROVED

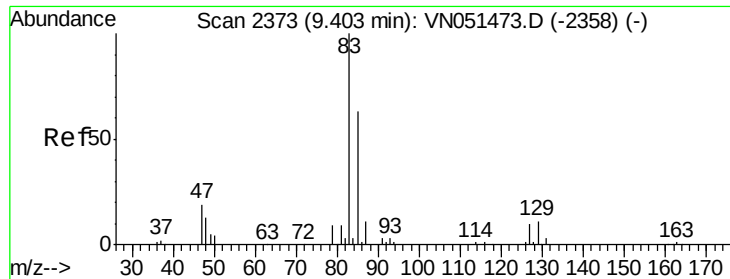
MMDadoda
 10/1/2018 11:21:33 AM



#40
 Dibromomethane
 Concen: 22.055 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion: 93 Resp: 75723
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 162.0
 174 110.4 0.0 214.0





#41

Bromodichloromethane

Concen: 21.515 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

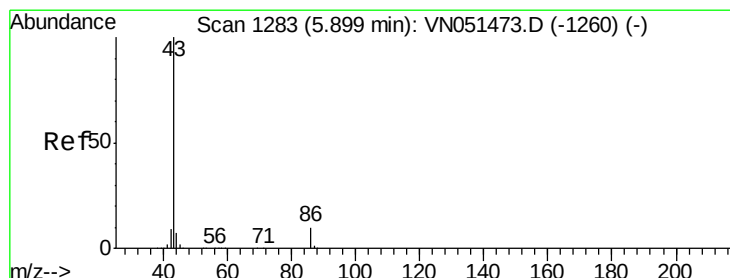
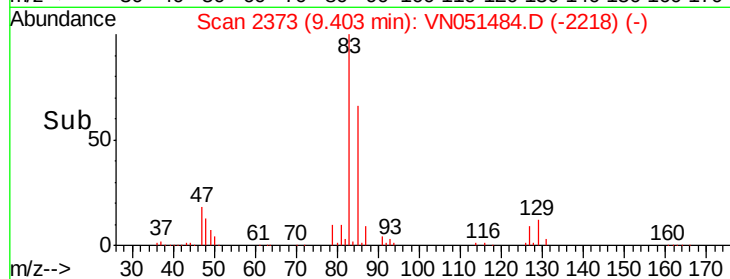
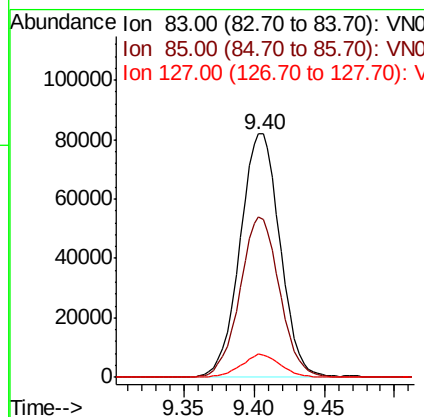
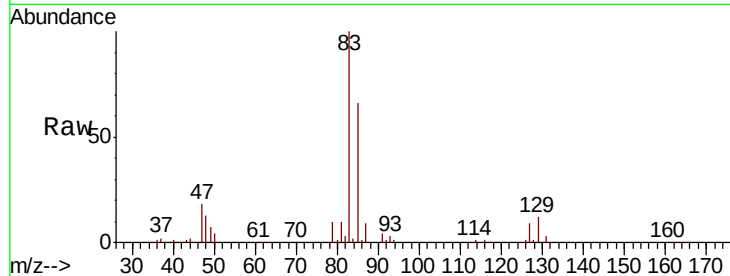
ClientSampleId :

VN0925WBS01

Tot Ion:	83	Resp:	162406
Ion	Ratio	Lower	Upper
83	100		
85	66.0	55.7	83.5
127	9.4	8.2	12.4

Manual Integrations
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10/1/2018 11:21:33 AM



#42

Vinyl Acetate

Concen: 111.088 ug/l

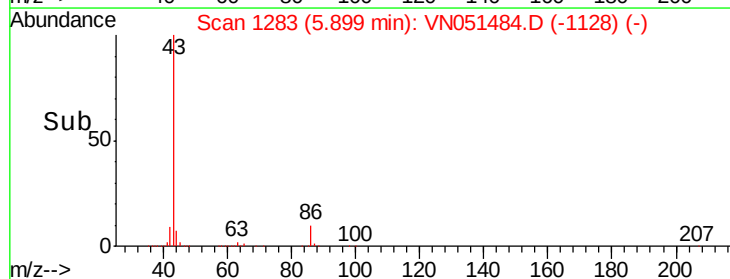
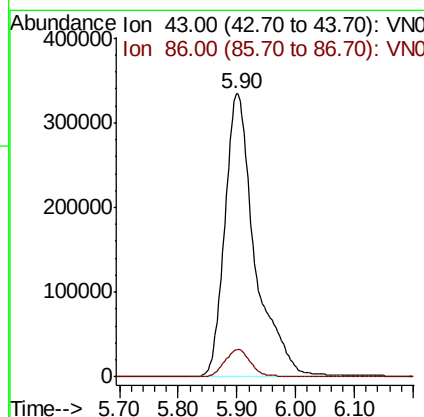
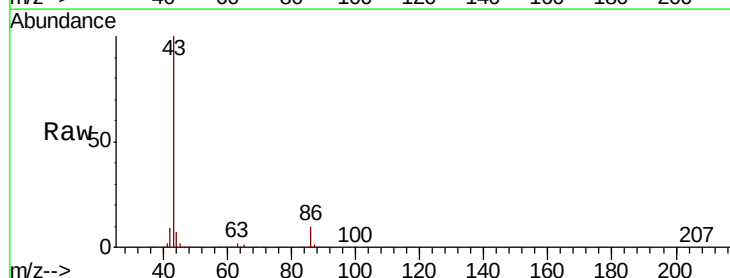
RT: 5.90 min Scan# 1283

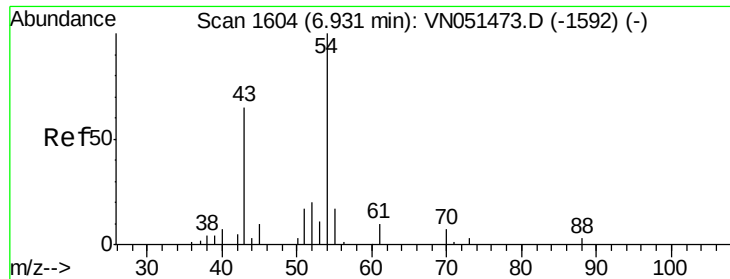
Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	43	Resp:	1191760
Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.5	9.7





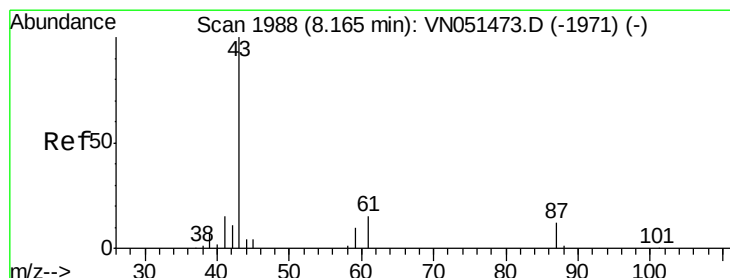
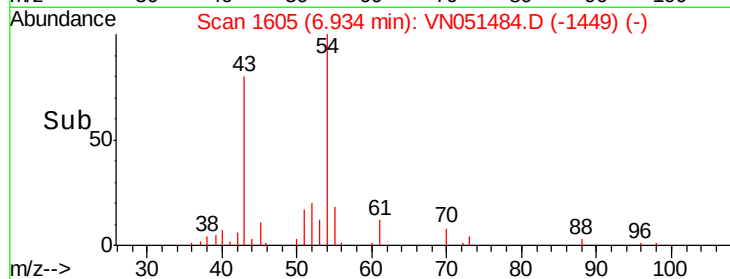
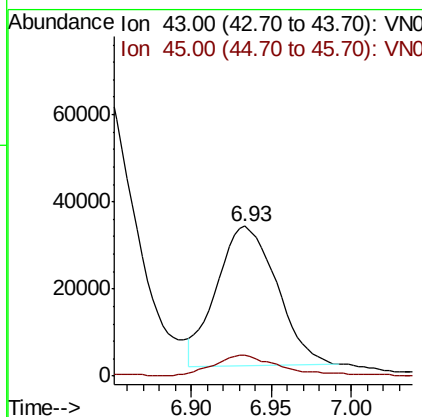
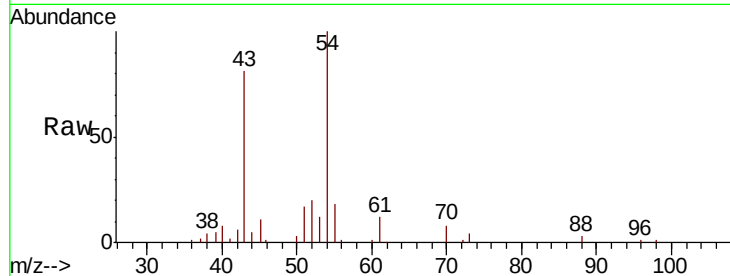
#43
Ethyl Acetate
Concen: 20.596 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	43	45	Ratio	Lower	Upper	Resp
82679	100	15.6		11.0	16.6	

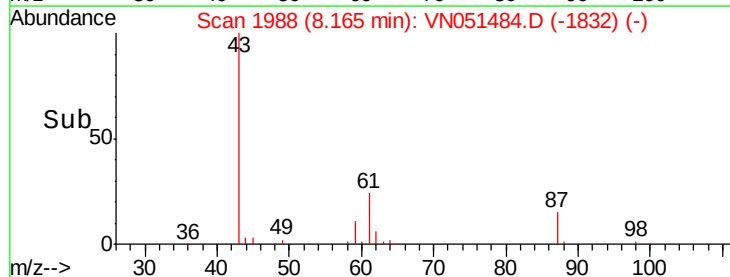
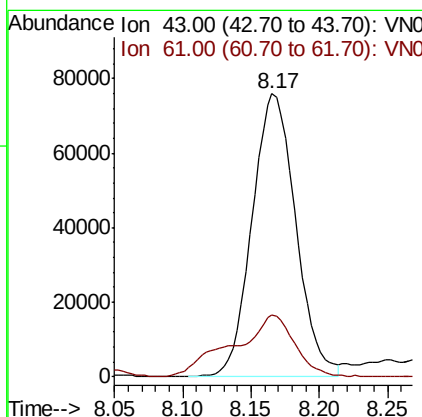
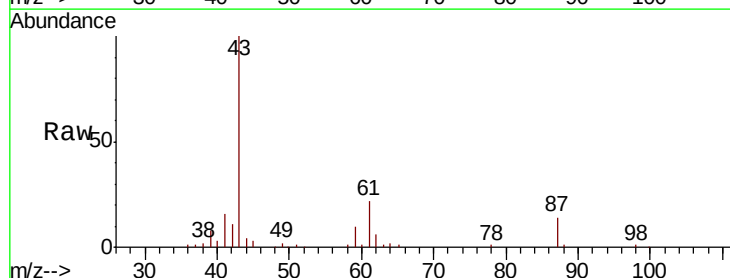
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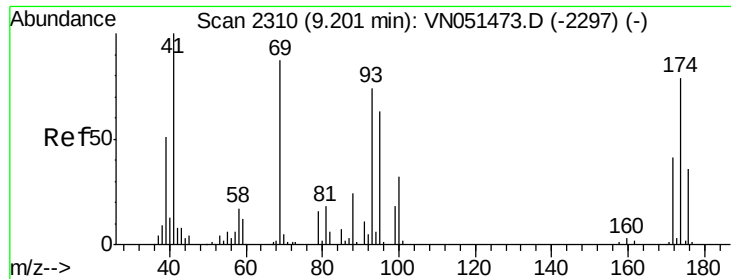
MMDadoda
10/1/2018 11:21:33 AM



#44
Isopropyl Acetate
Concen: 21.918 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	43	61	Ratio	Lower	Upper	Resp
169223	100	18.8		15.9	23.9	





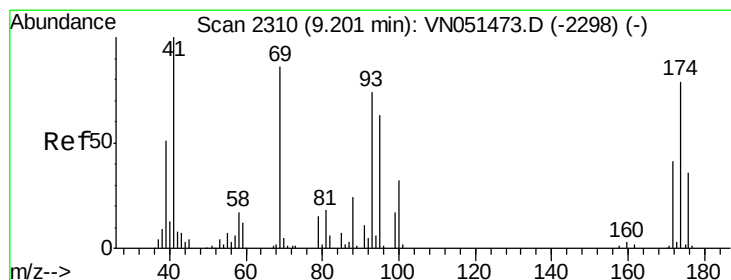
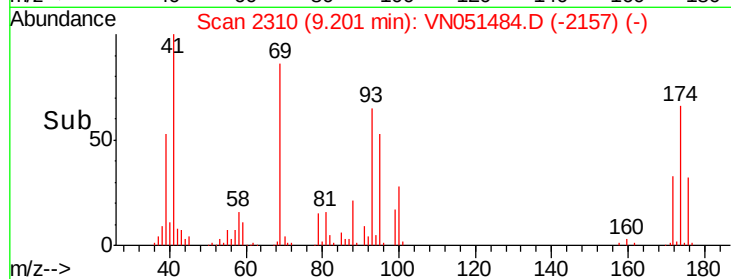
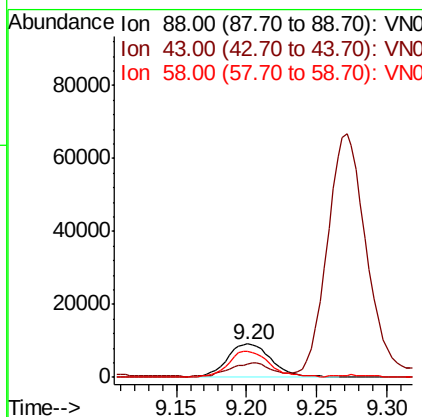
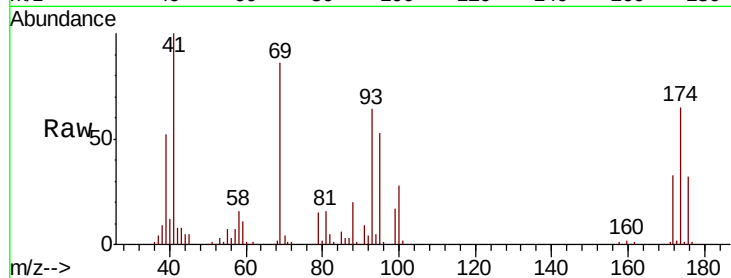
#45
 1,4-Dioxane
 Concen: 433.553 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.2	39.2
58	73.2	65.6	98.4

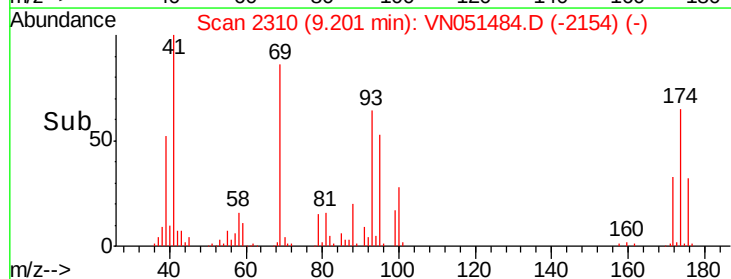
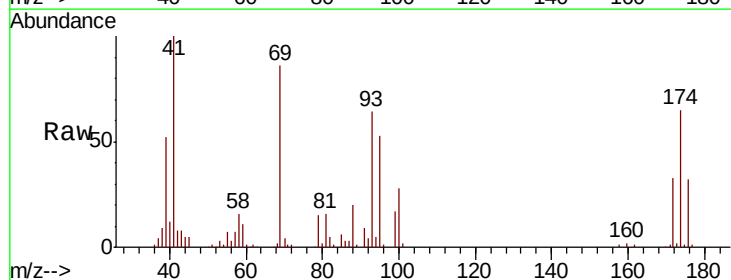
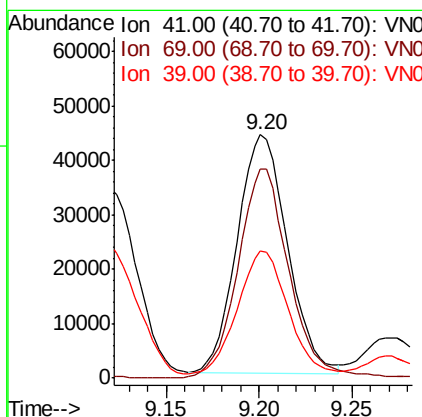
Manual Integrations
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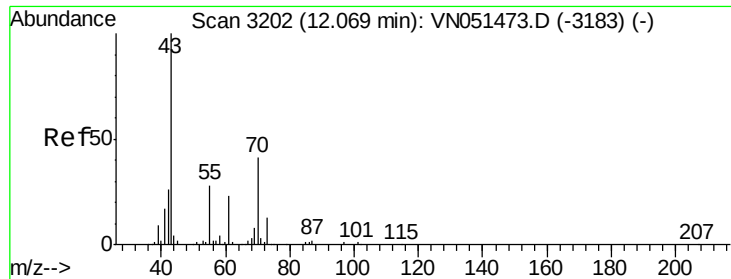
MMDadoda
 10/1/2018 11:21:33 AM



#46
 Methyl methacrylate
 Concen: 21.492 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.4	40.7	122.1
39	51.8	27.3	81.9





#47

n-amyl Acetate

Concen: 19.795 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tot Ion: 43 Resp: 122127

Ion Ratio Lower Upper

43 100

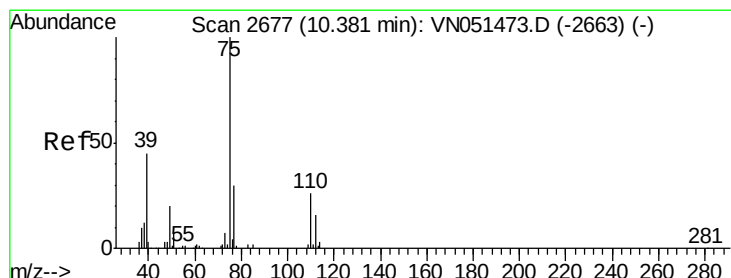
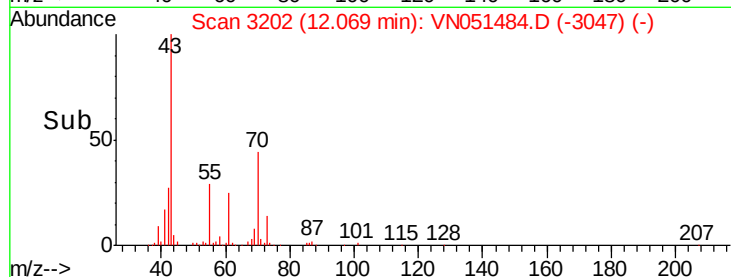
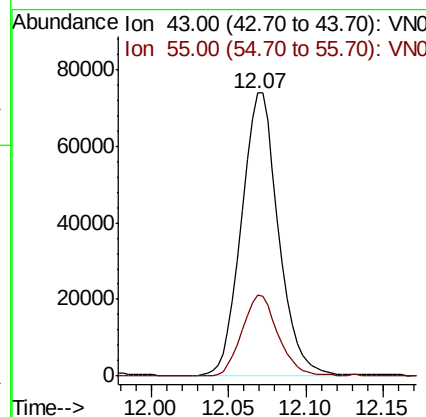
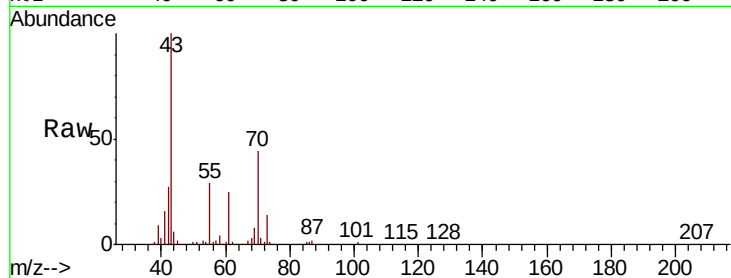
55 28.2 12.2 18.4#

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.852 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051484.D

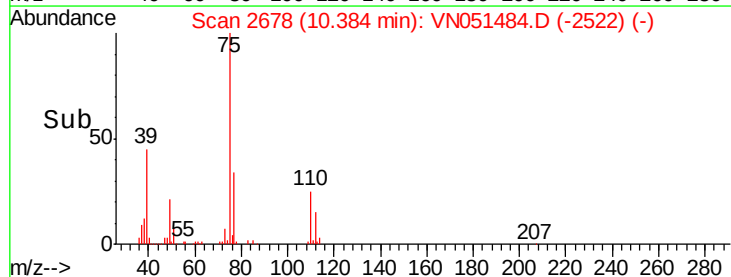
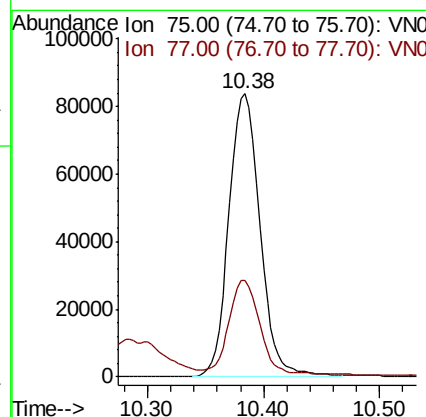
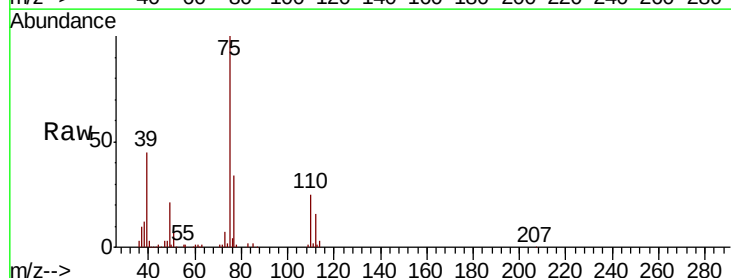
Acq: 25 Sep 2018 14:51

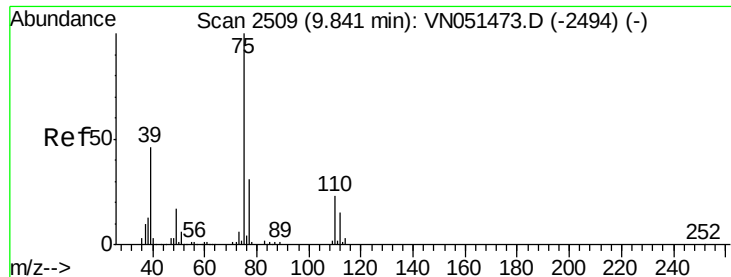
Tgt Ion: 75 Resp: 156299

Ion Ratio Lower Upper

75 100

77 33.1 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 21.573 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

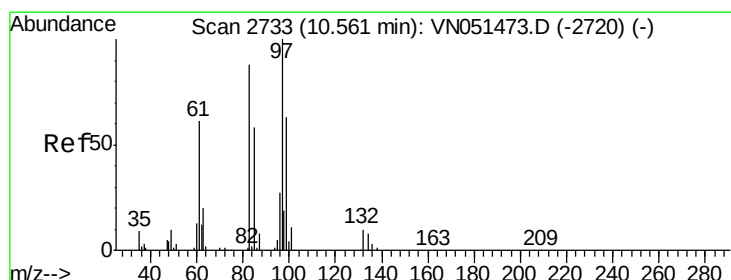
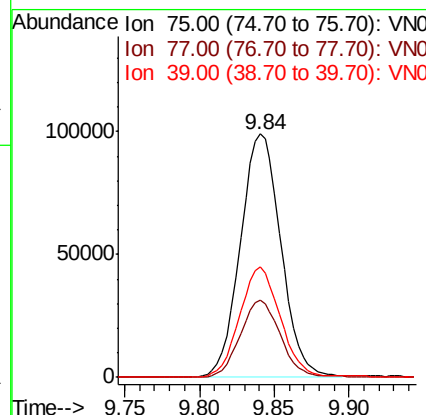
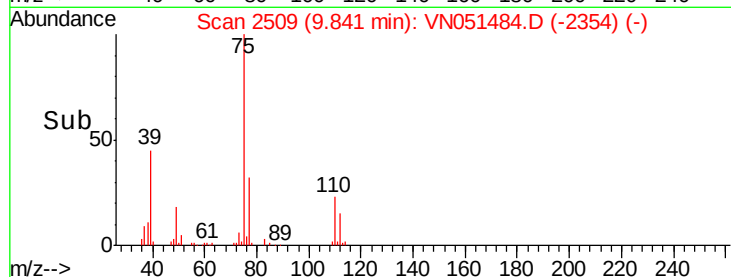
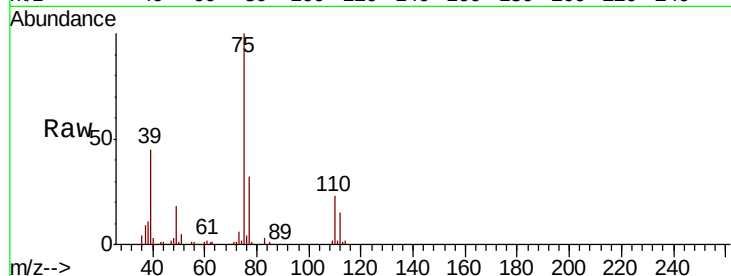
ClientSampleId :

VN0925WBS01

Tot Ion:	75	Resp:	187177
Ion Ratio	Lower	Upper	
75	100		
77	31.8	23.2	34.8
39	45.2	34.6	52.0

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#50

1,1,2-Trichloroethane

Concen: 22.124 ug/l

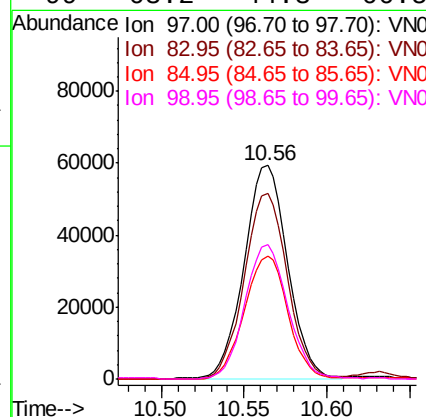
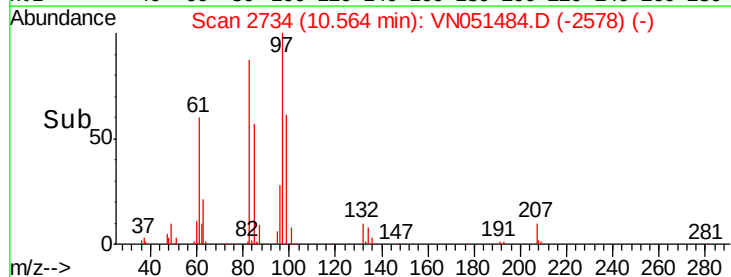
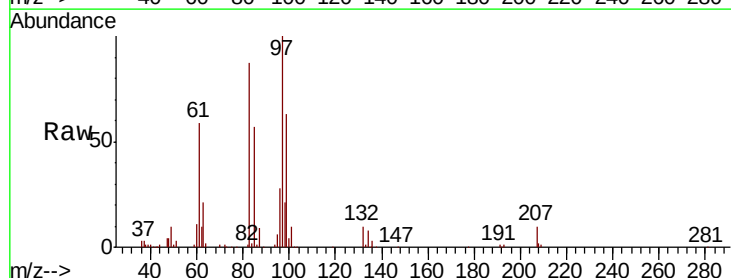
RT: 10.56 min Scan# 2734

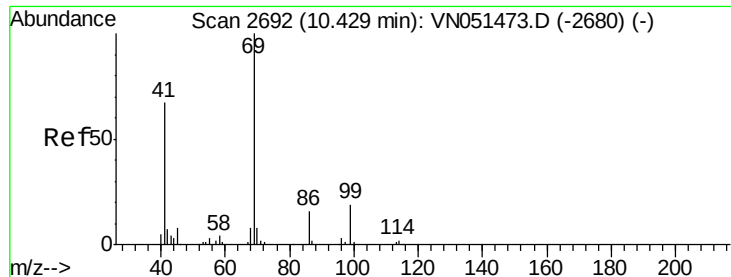
Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	97	Resp:	108608
Ion Ratio	Lower	Upper	
97	100		
83	87.3	68.2	102.4
85	57.8	42.5	63.7
99	63.2	44.3	66.5





#51

Ethyl methacrylate

Concen: 21.171 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

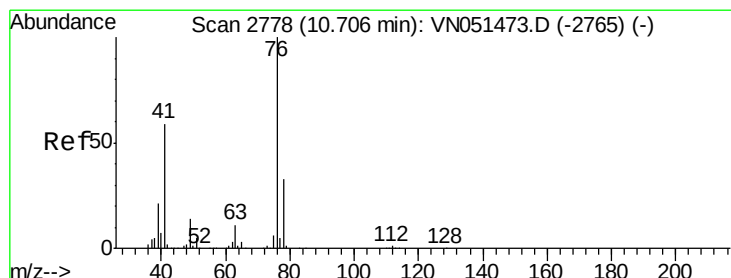
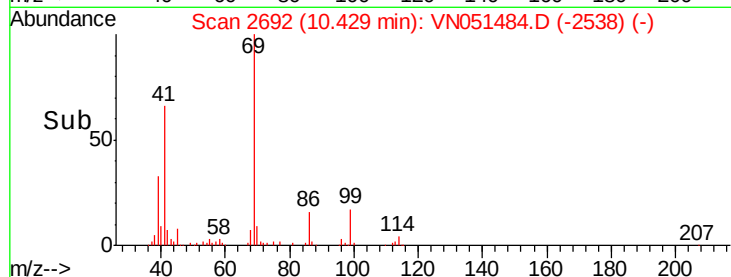
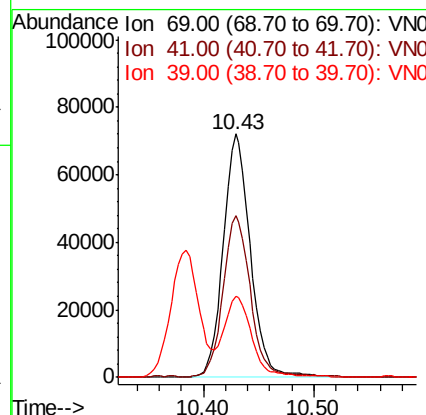
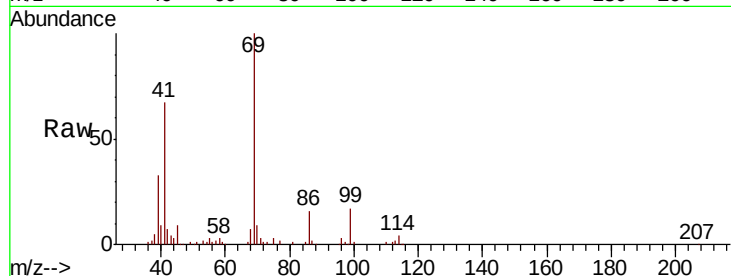
ClientSampled :

VN0925WBS01

Tot Ion:	69	Resp:	123000
Ion	Ratio	Lower	Upper
69	100		
41	66.1	34.4	103.1
39	33.0	16.3	48.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.993 ug/l

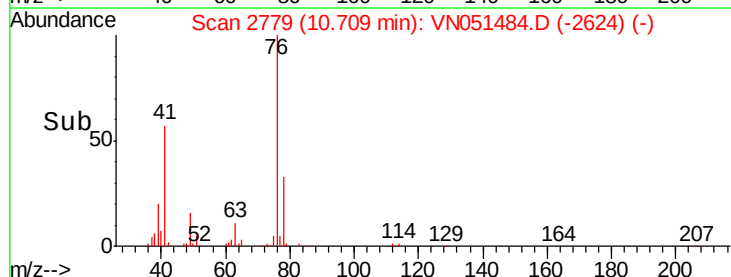
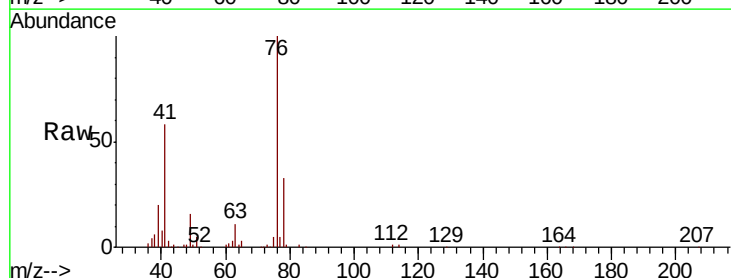
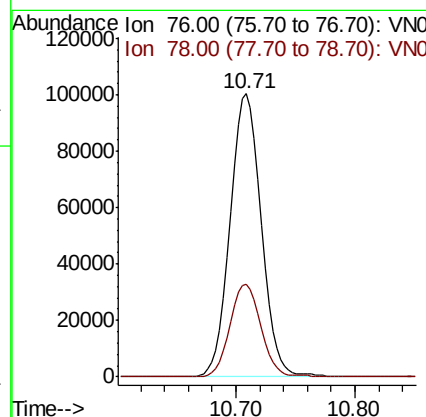
RT: 10.71 min Scan# 2779

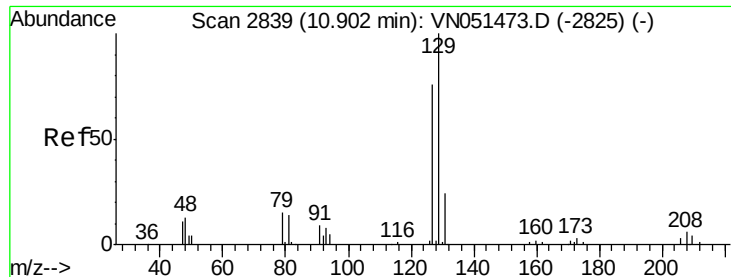
Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	76	Resp:	182143
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	67.6





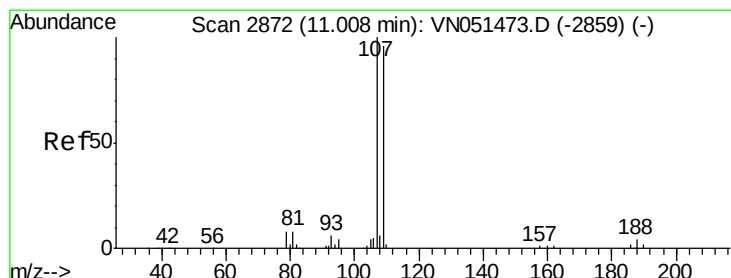
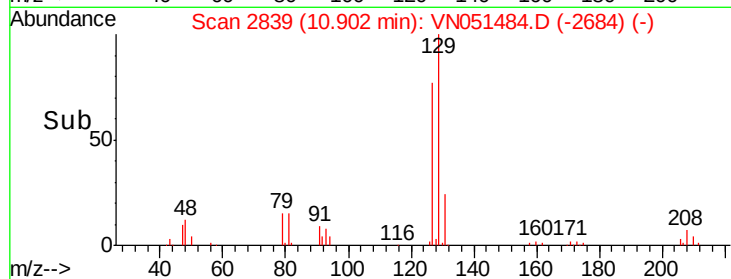
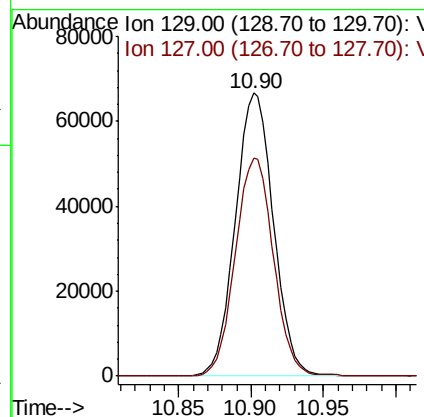
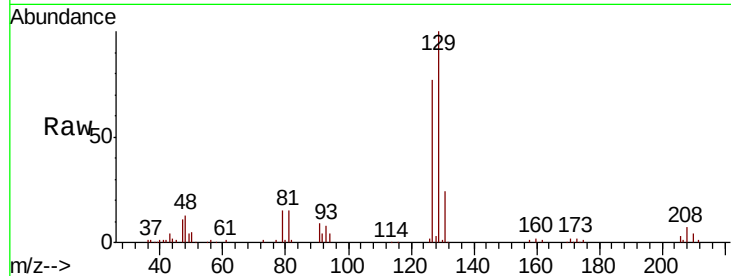
#53
 Dibromochloromethane
 Concen: 21.588 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.9	40.2	120.5

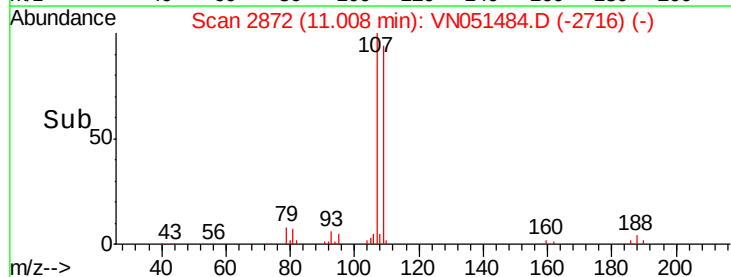
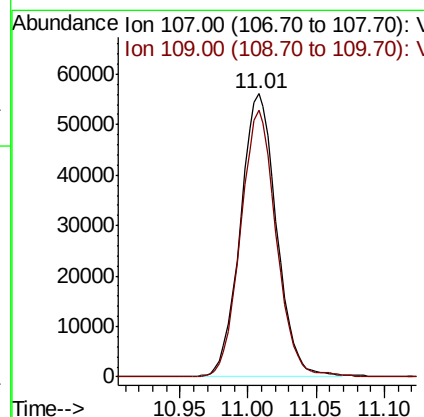
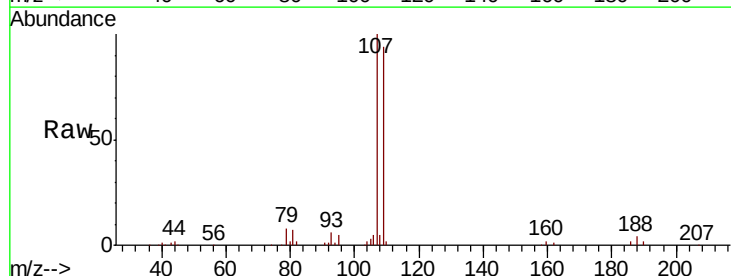
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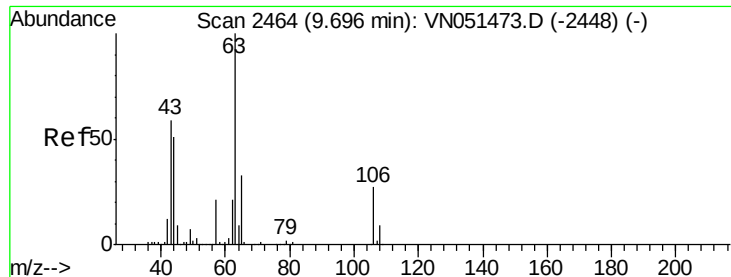
MMDadoda
 10/1/2018 11:21:33 AM



#54
 1,2-Dibromoethane
 Concen: 21.865 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.0	77.4	116.0





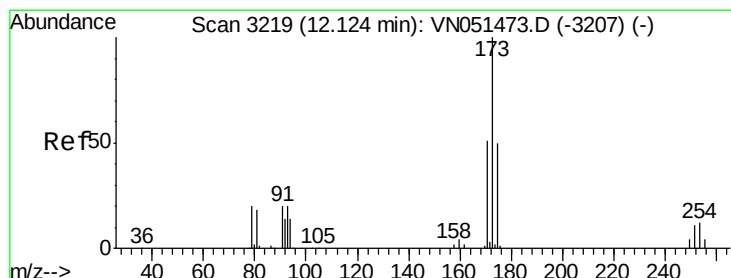
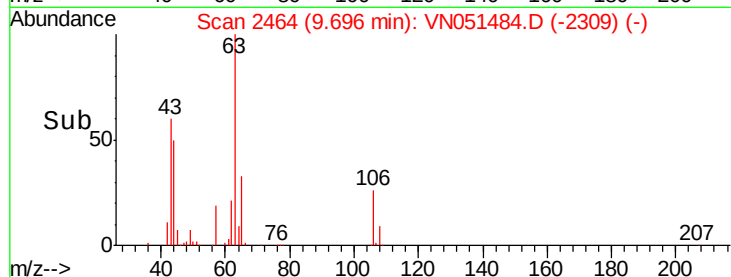
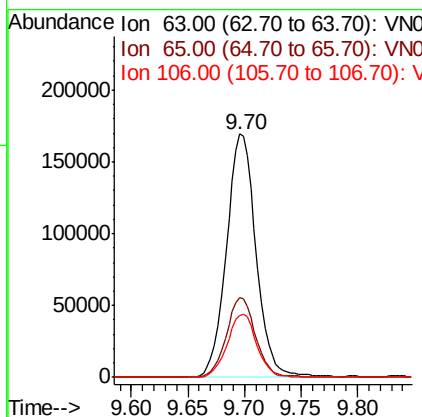
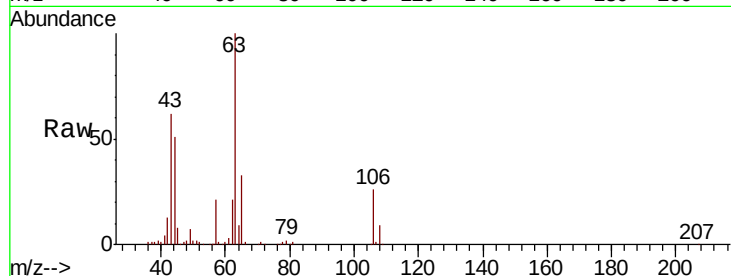
#55
 2-Chloroethyl vinyl ether
 Concen: 107.597 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.4	38.0
106	26.0	21.2	31.8

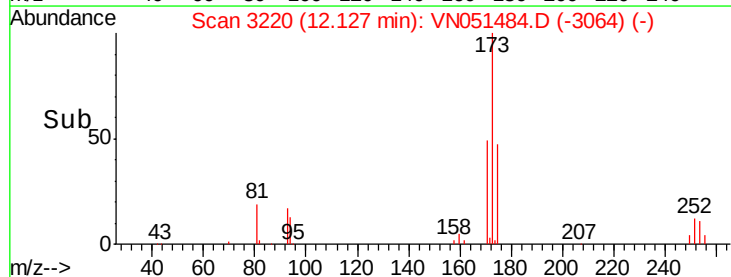
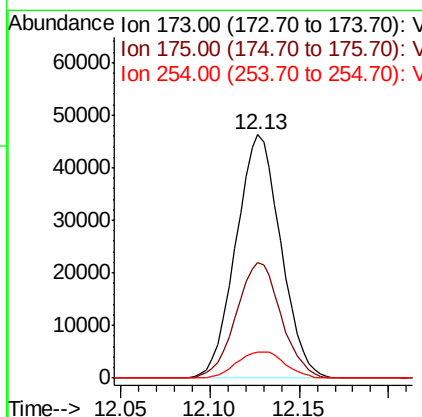
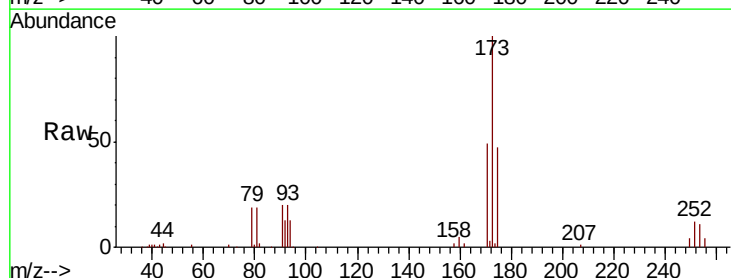
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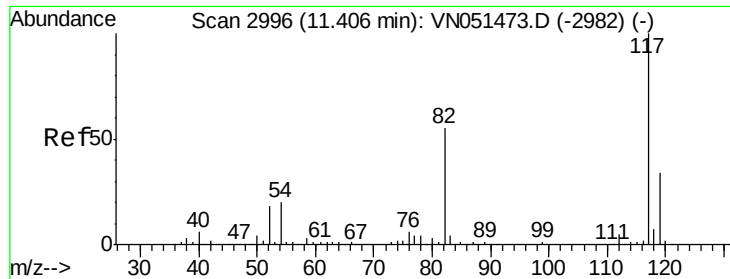
MMDadoda
 10/1/2018 11:21:33 AM



#56
 Bromoform
 Concen: 21.337 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	35.8	53.8
254	11.6	8.6	13.0





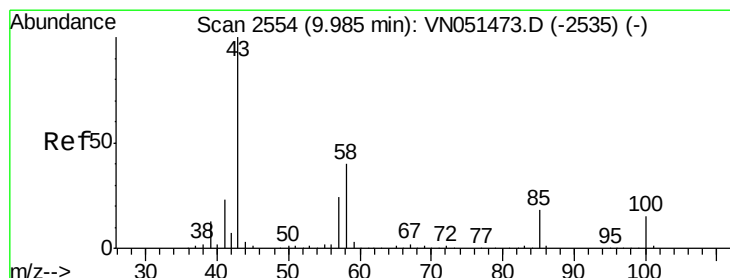
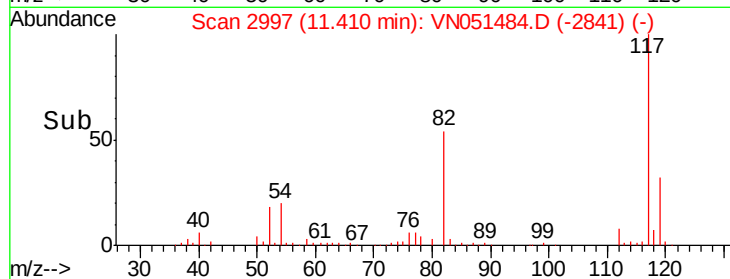
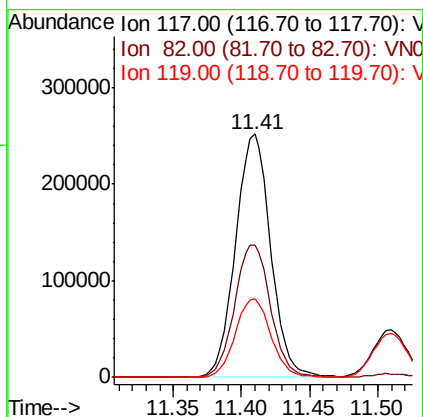
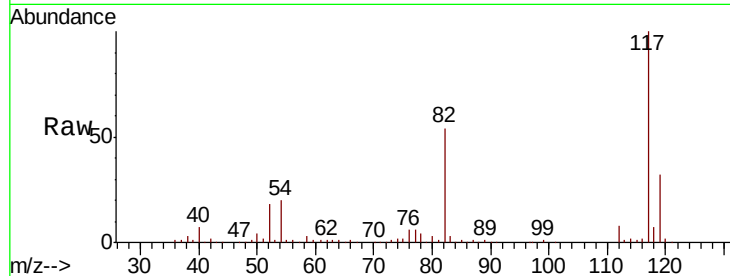
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.1	66.1
119	32.8	25.8	38.8

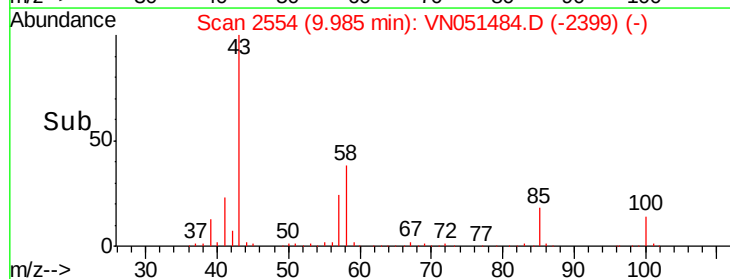
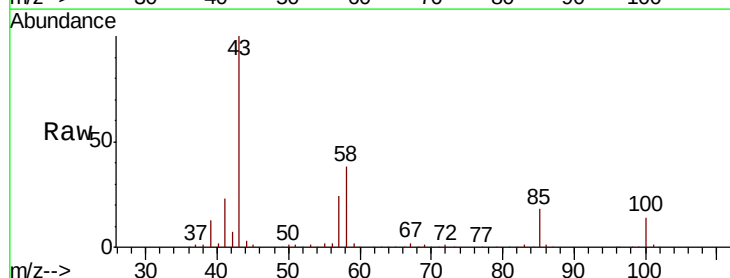
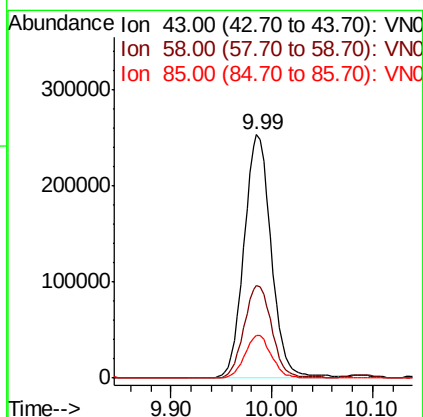
Manual Integrations
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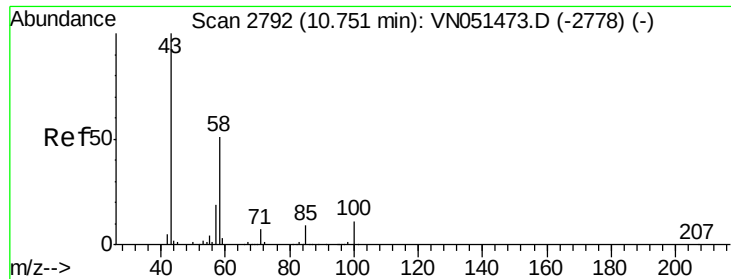
MMDadoda
10/1/2018 11:21:33 AM



#58
4-Methyl-2-Pentanone
Concen: 118.252 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	29.3	43.9
85	17.3	12.6	18.8





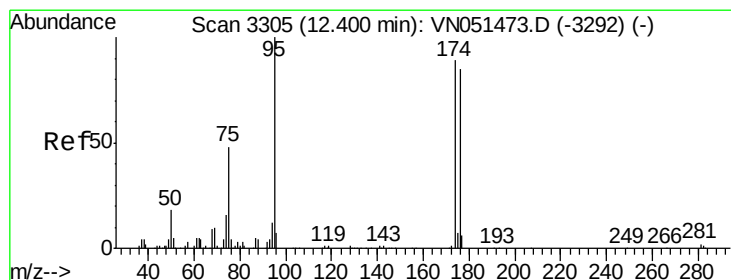
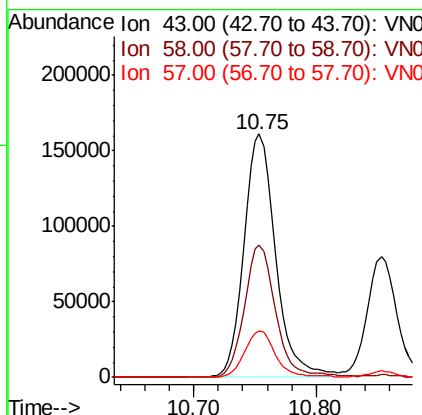
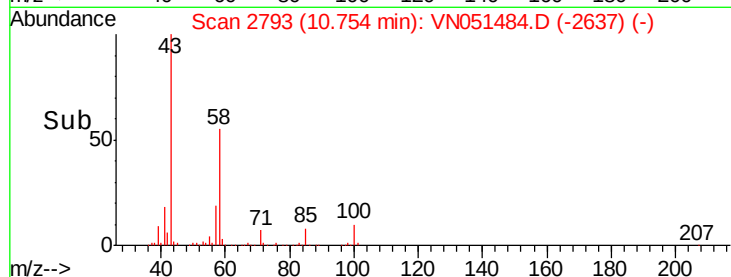
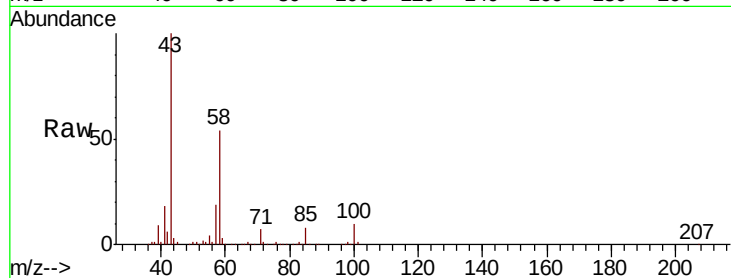
#59
2-Hexanone
Concen: 109.949 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	41.3	61.9
57	18.8	13.4	20.0

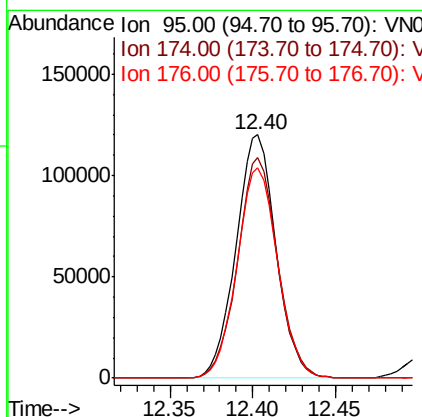
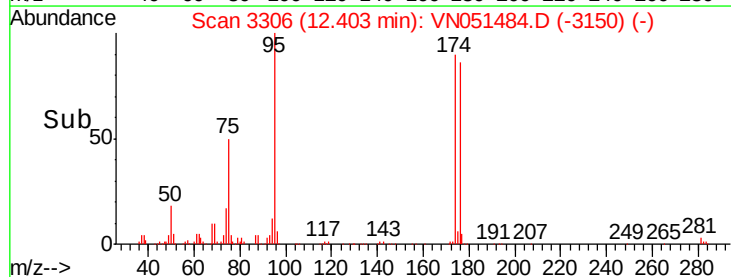
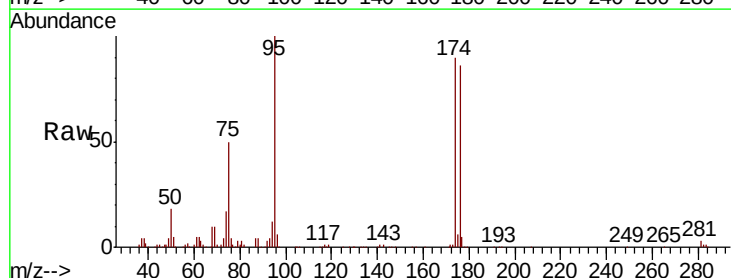
Manual Integrations
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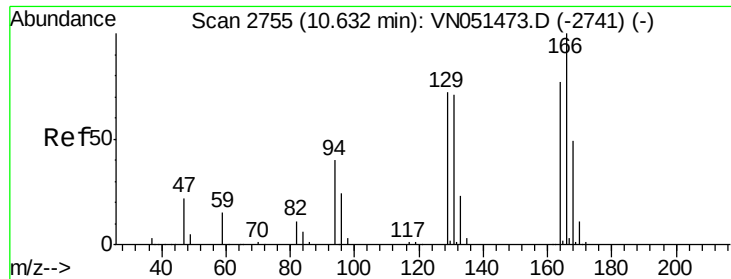
MMDadoda
10/1/2018 11:21:33 AM



#60
4-Bromofluorobenzene
Concen: 30.374 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.3	73.5	110.3
176	87.9	70.2	105.2





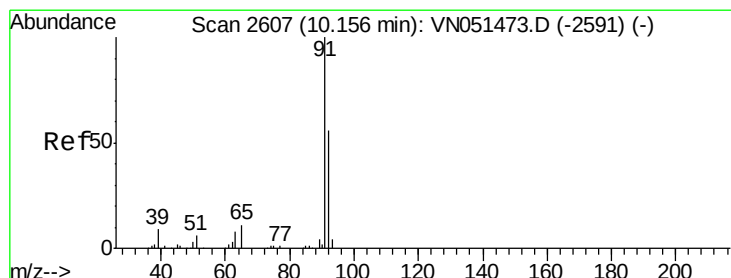
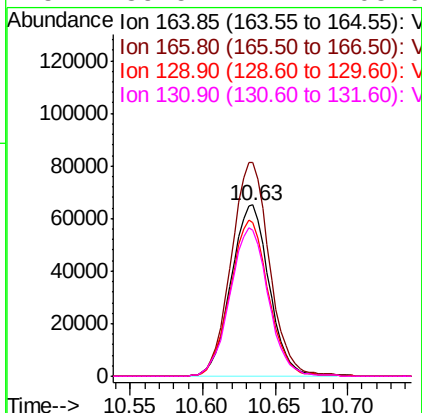
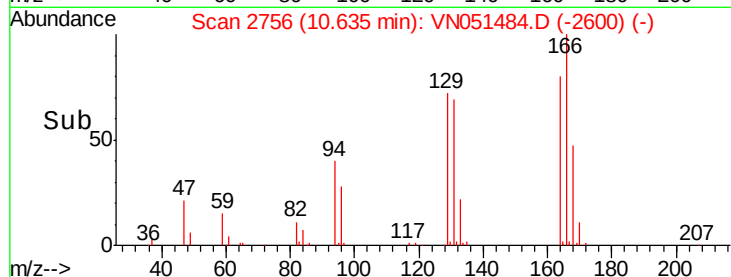
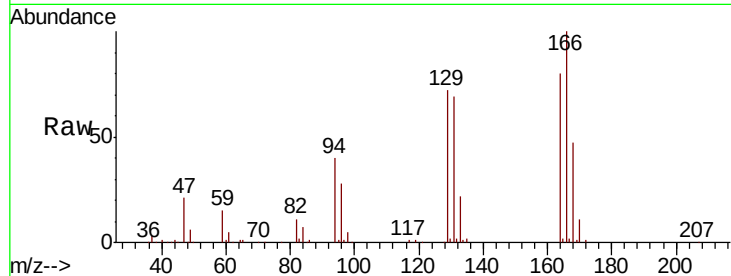
#61
Tetrachloroethene
Concen: 22.644 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.6	98.7	148.1
129	89.8	69.6	104.4
131	85.5	72.4	108.6

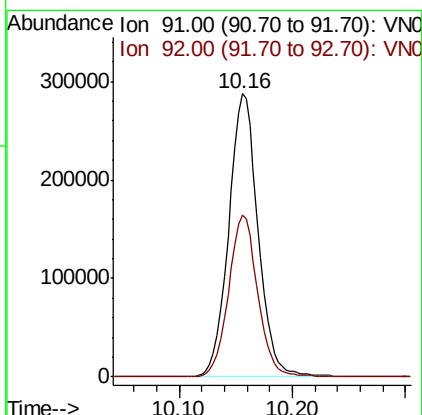
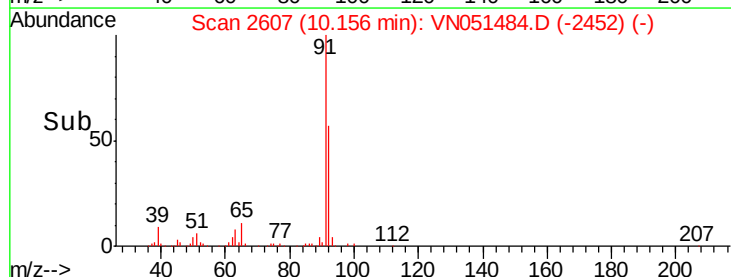
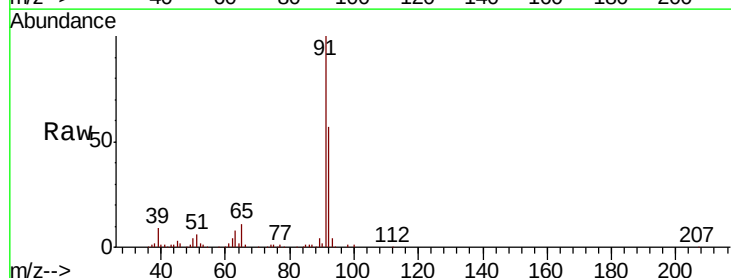
Manual Integrations
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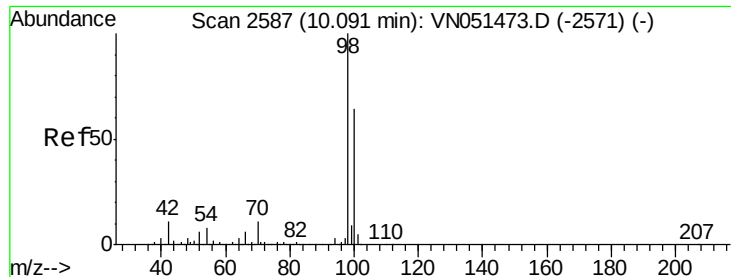
MMDadoda
10/1/2018 11:21:33 AM



#62
Toluene
Concen: 22.466 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.8	44.6	66.8





#63

Toluene-d8

Concen: 30.904 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBS01

Tot Ion: 98 Resp: 668732

Ion Ratio Lower Upper

98 100

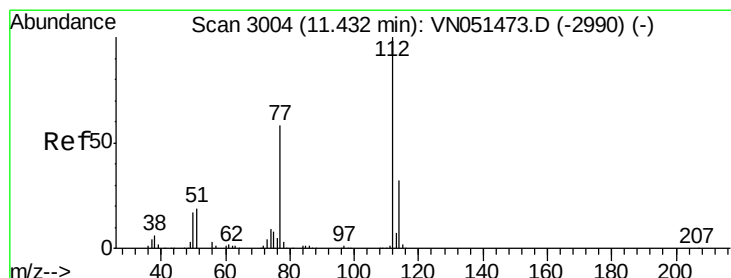
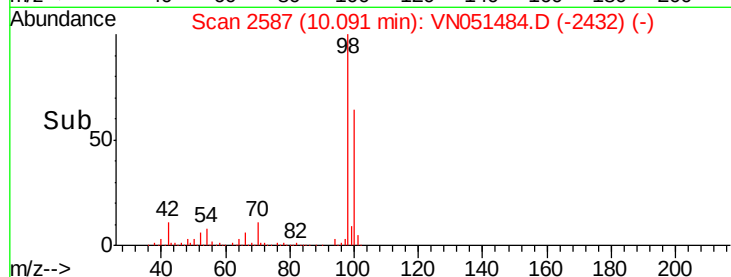
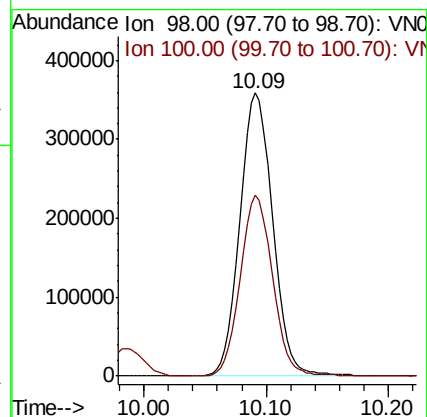
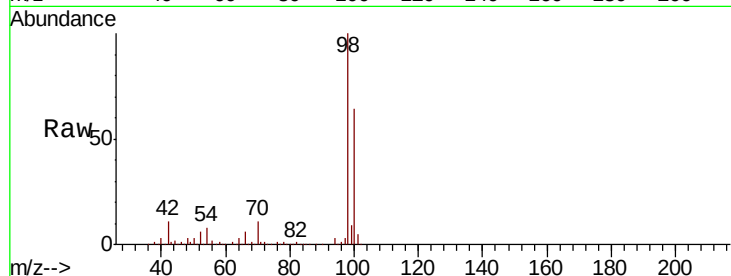
100 62.6 50.8 76.2

Manual Integrations

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#64

Chlorobenzene

Concen: 22.047 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051484.D

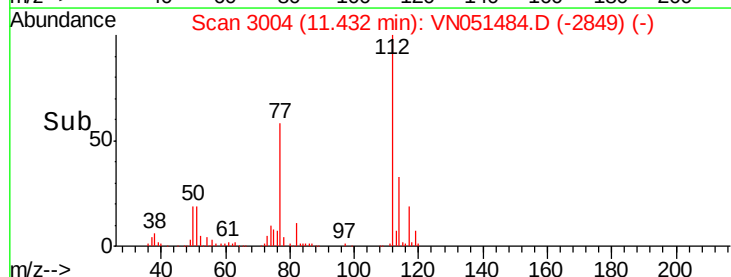
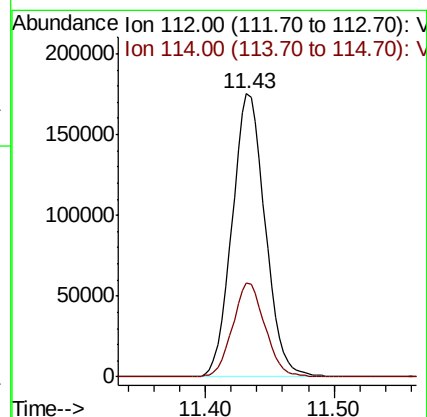
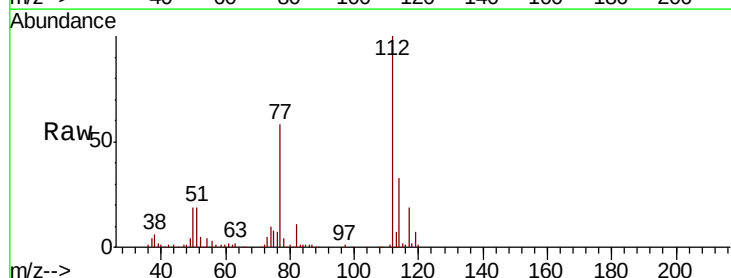
Acq: 25 Sep 2018 14:51

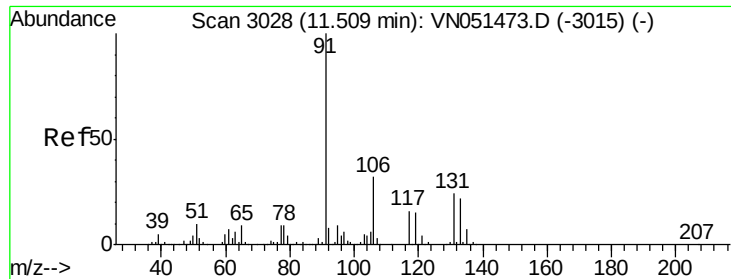
Tgt Ion: 112 Resp: 312300

Ion Ratio Lower Upper

112 100

114 33.4 27.5 41.3





#65

1,1,1,2-Tetrachloroethane

Concen: 22.328 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

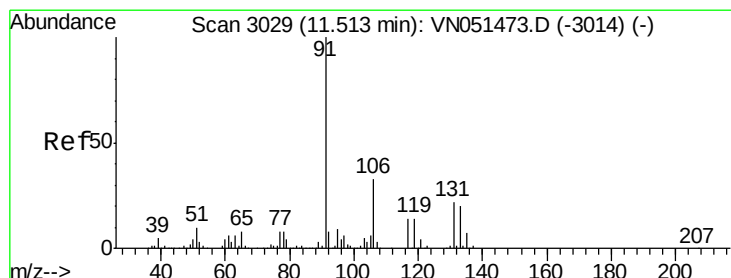
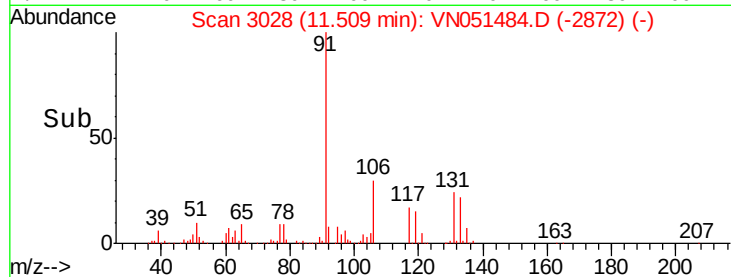
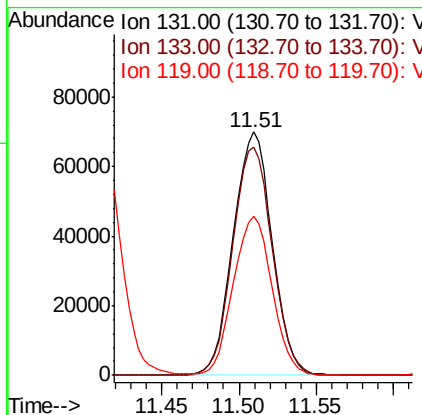
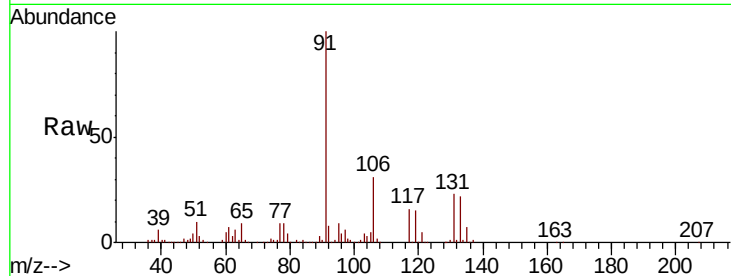
ClientSampled :

VN0925WBS01

Tot Ion:	131	Resp:	122282
Ion Ratio	Lower	Upper	
131	100		
133	95.5	0.0	190.4
119	65.1	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 21.632 ug/l

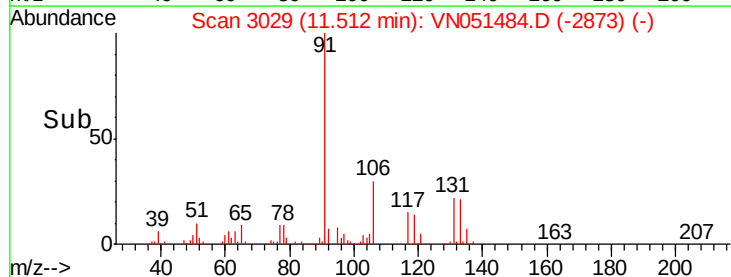
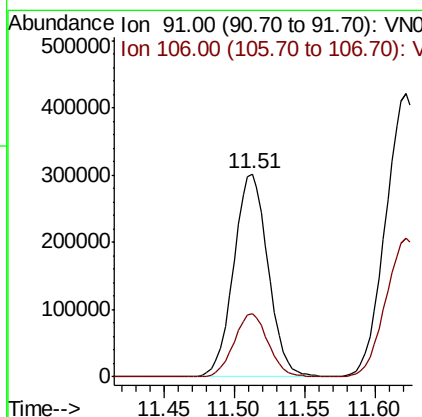
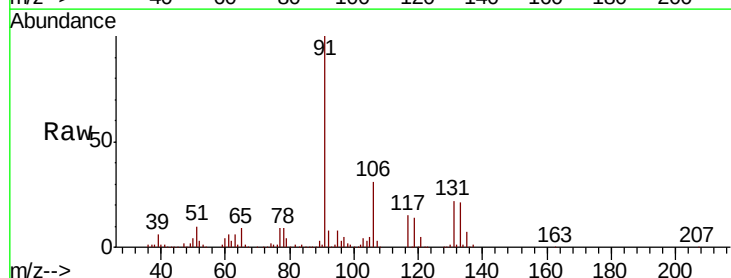
RT: 11.51 min Scan# 3029

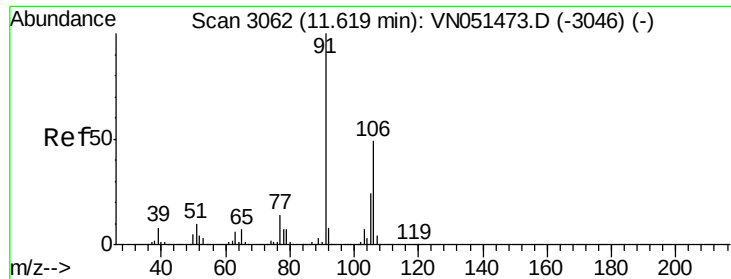
Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	91	Resp:	515598
Ion Ratio	Lower	Upper	
91	100		
106	30.9	25.9	38.9





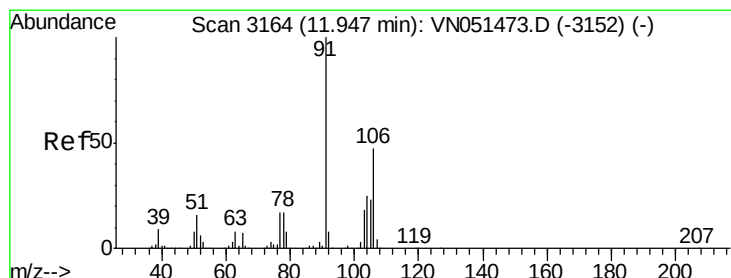
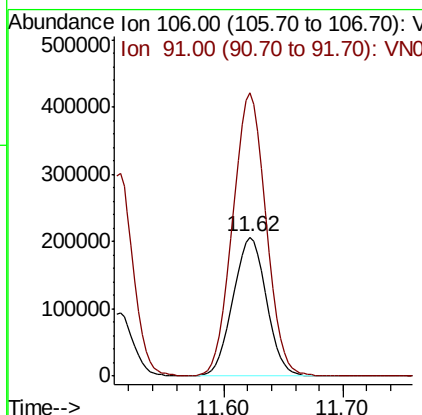
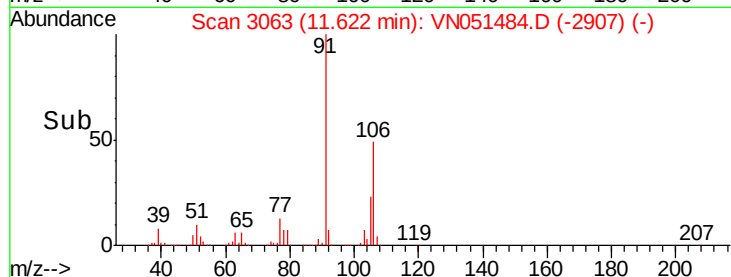
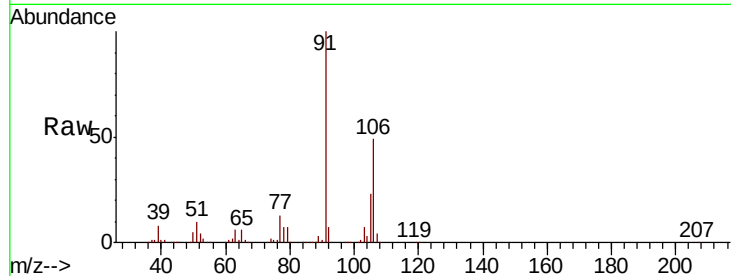
#67
m/p-Xylenes
Concen: 43.847 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		402338		
91	202.7	158.8	238.2		

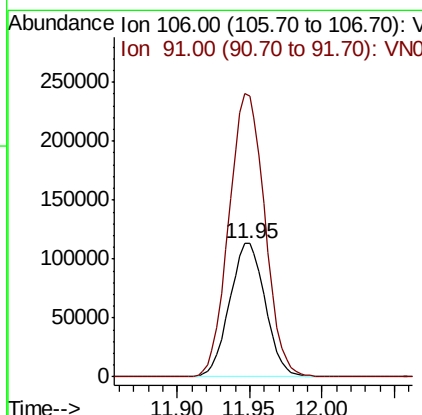
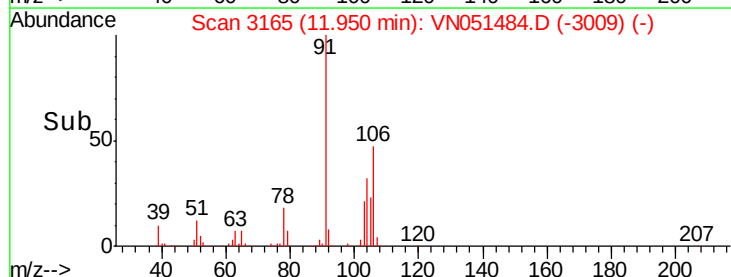
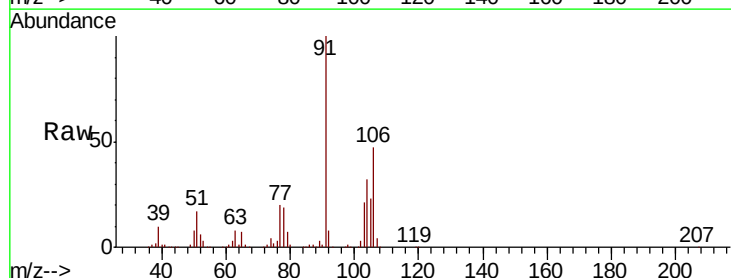
Manual Integrations
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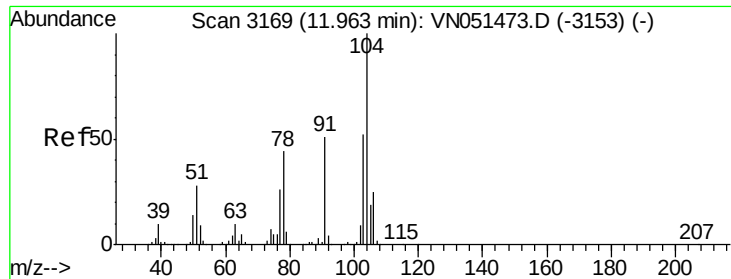
MMDadoda
10/1/2018 11:21:33 AM



#68
o-Xylene
Concen: 22.124 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		193352		
91	213.7	111.1	333.3		





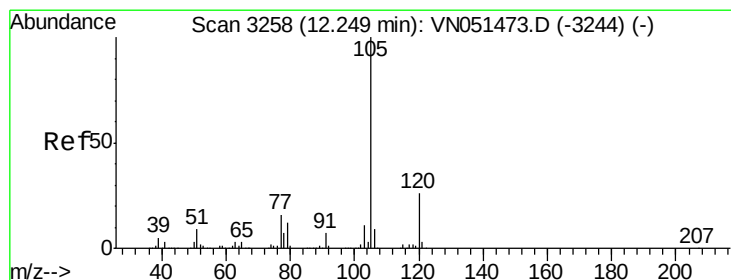
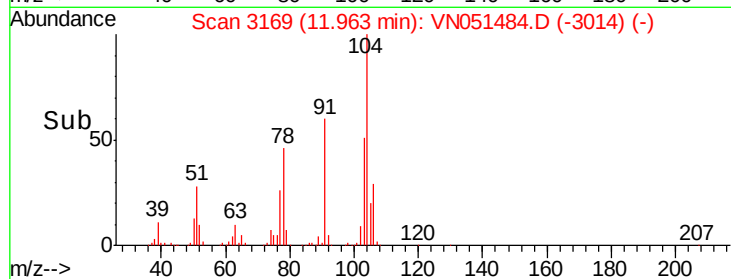
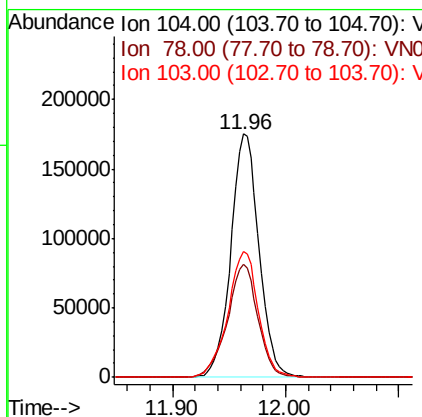
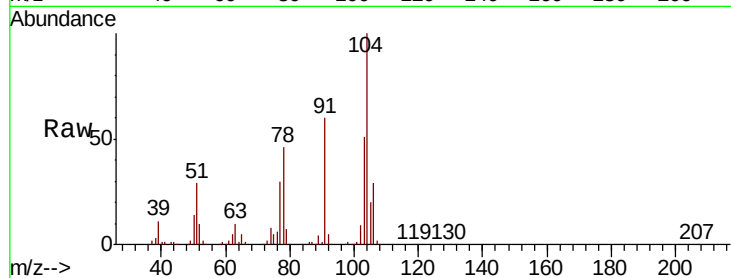
#69
 Stvrene
 Concen: 22.007 ug/l
 RT: 11.96 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	303810		
78	50.2		40.6	60.8
103	55.9		44.0	66.0

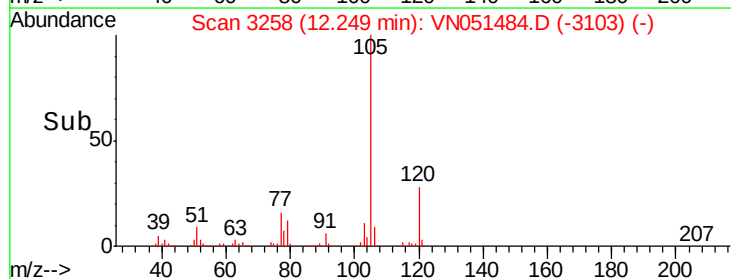
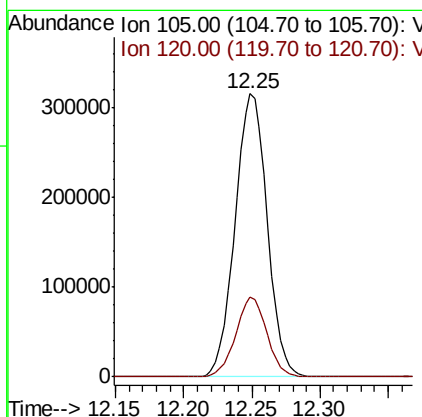
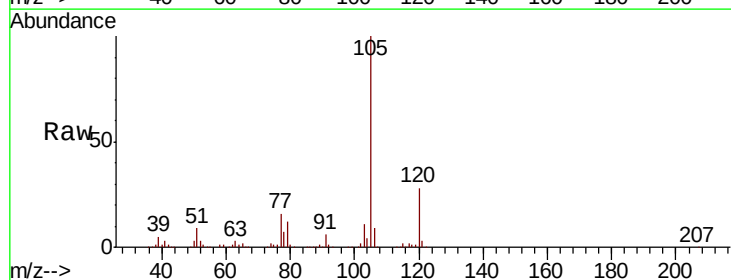
Manual Integrations
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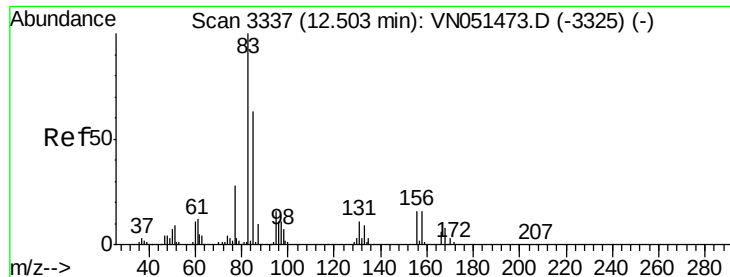
MMDadoda
 10/1/2018 11:21:33 AM



#70
 Isopropylbenzene
 Concen: 22.012 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514849		
120	27.2		19.0	35.4





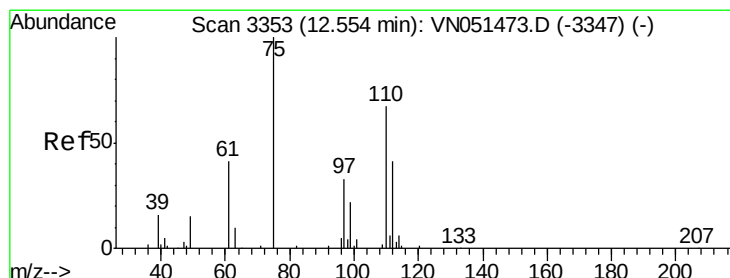
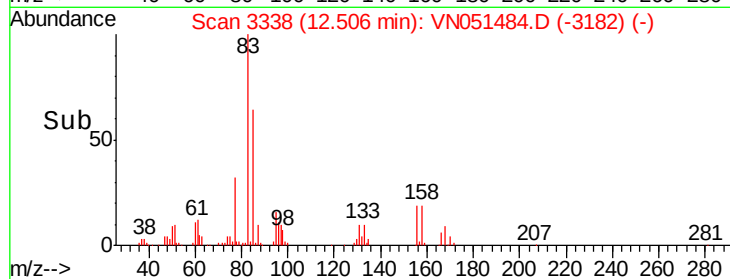
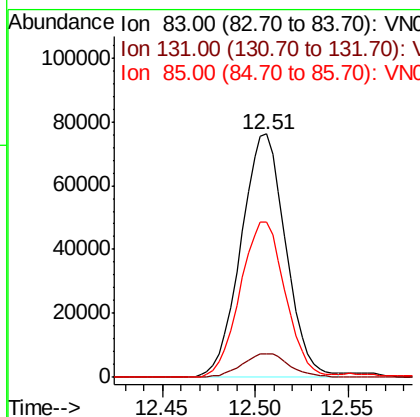
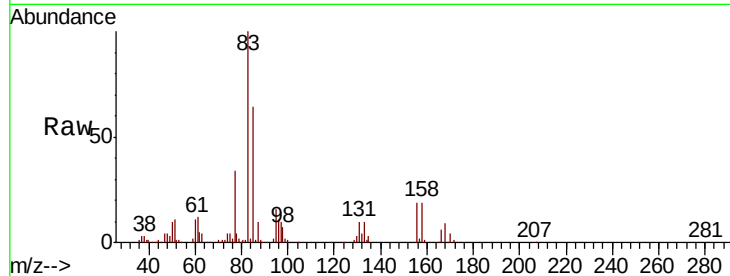
#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.159 ug/l
 RT: 12.51 min Scan# 3338
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127509		
131	10.4	5.5	16.4	
85	64.4	30.6	91.8	

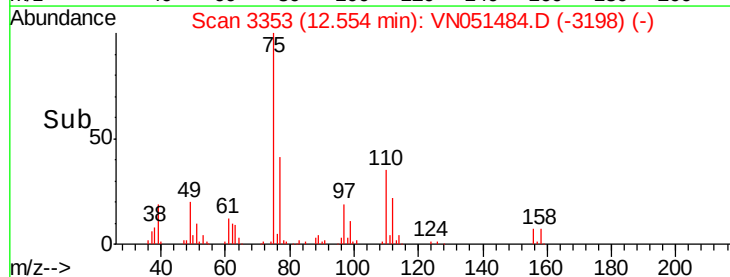
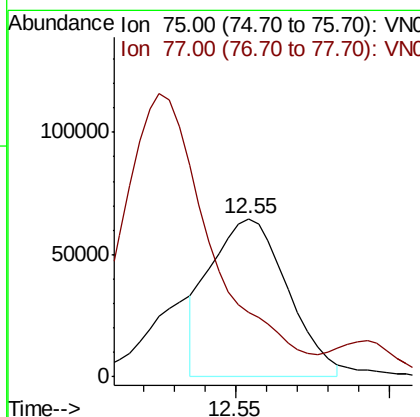
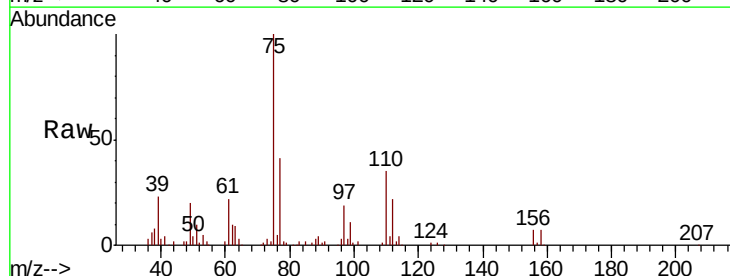
Manual Integrations
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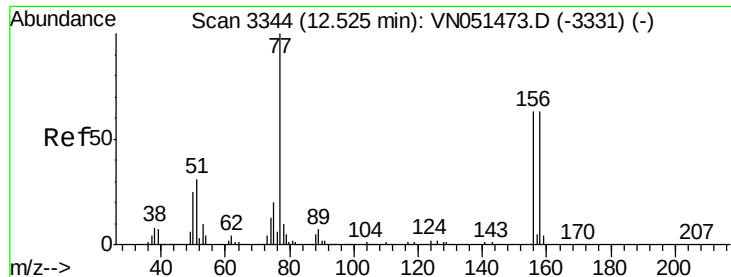
MMDadoda
 10/1/2018 11:21:33 AM



#72
 1,2,3-Trichloropropane
 Concen: 26.048 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	113093		
77	209.0	0.0	400.0	





#73

Bromobenzene

Concen: 21.686 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

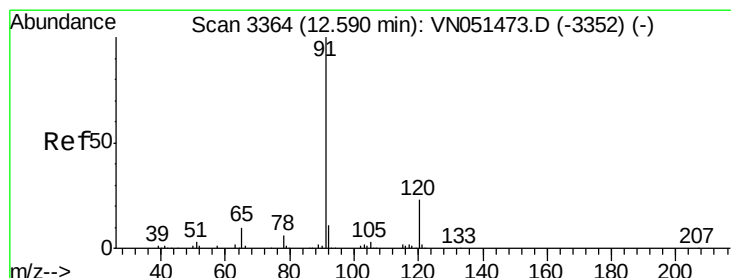
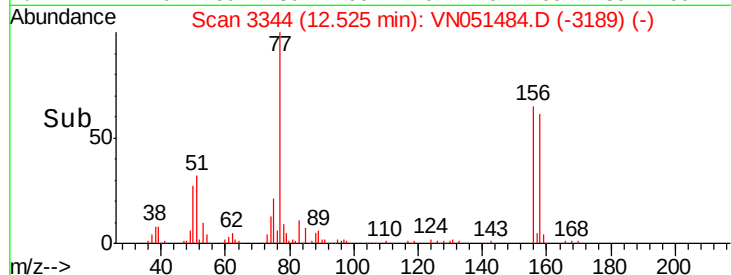
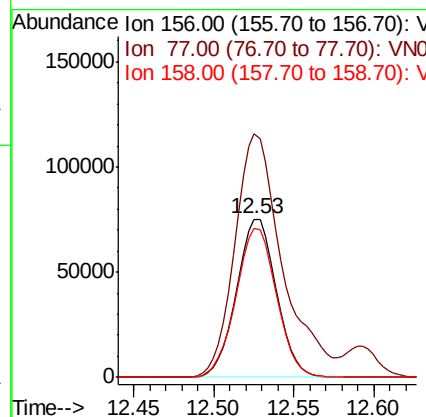
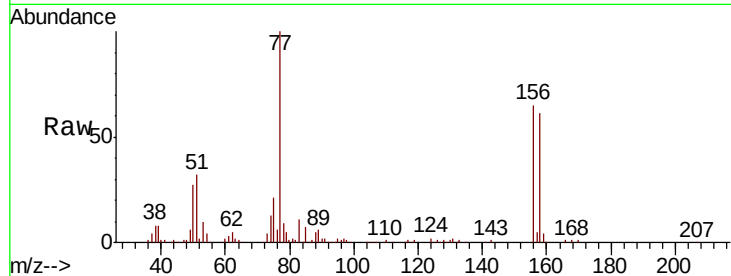
ClientSampled :

VN0925WBS01

Tot Ion:	156	Resp:	127830
Ion Ratio	Lower	Upper	
156	100		
77	184.9	0.0	377.4
158	95.7	0.0	203.0

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#74

n-propylbenzene

Concen: 21.087 ug/l

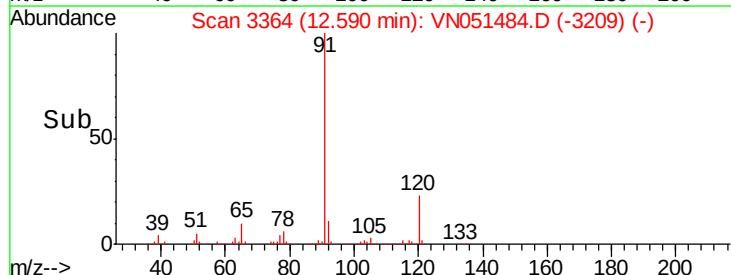
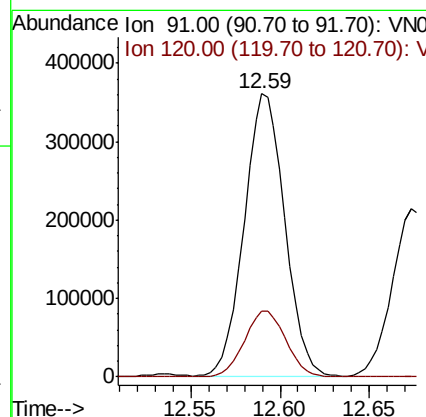
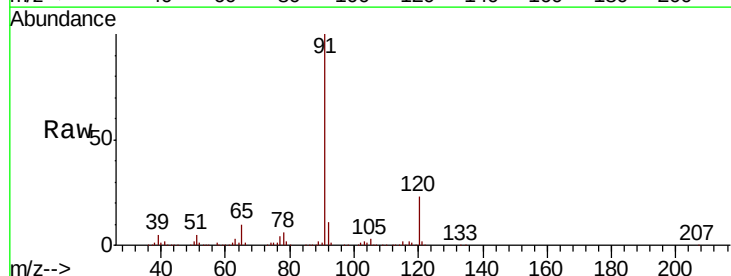
RT: 12.59 min Scan# 3364

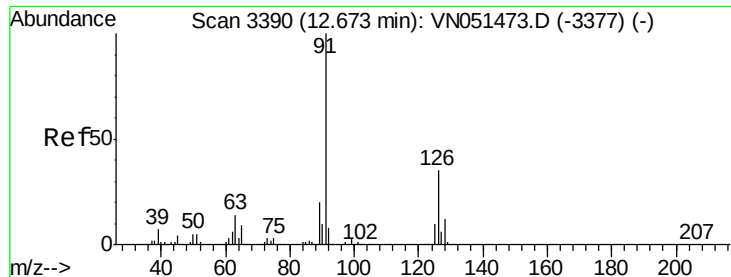
Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	91	Resp:	573388
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	45.0





#75

2-Chlorotoluene

Concen: 22.138 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

ClientSampled :

VN0925WBS01

Tot Ion: 91 Resp: 355248

Ion Ratio Lower Upper

91 100

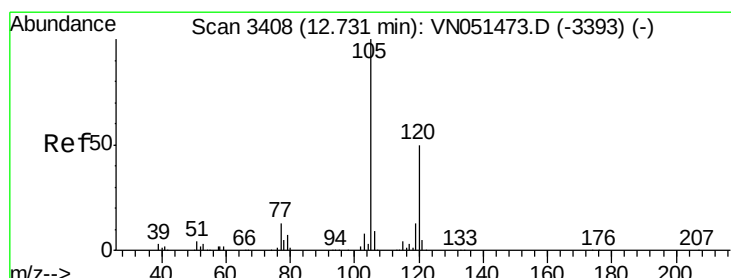
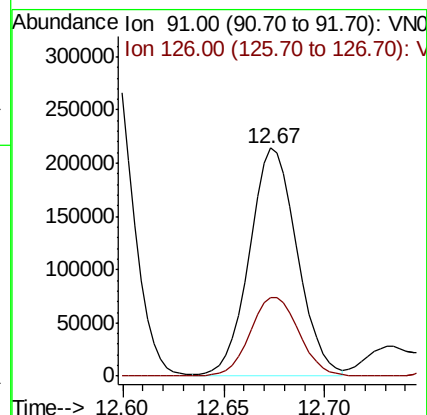
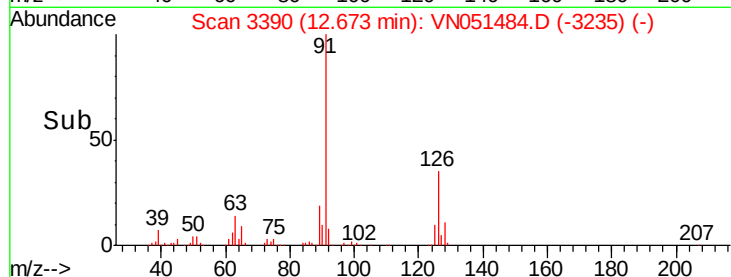
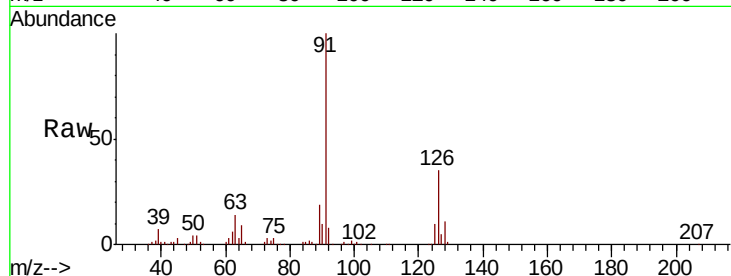
126 35.3 0.0 67.6

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 22.290 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051484.D

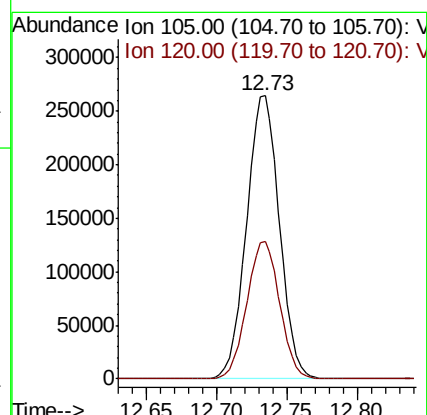
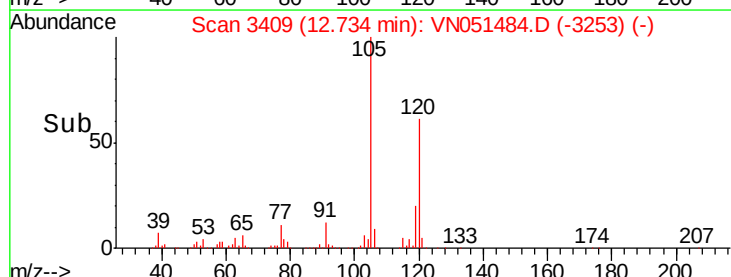
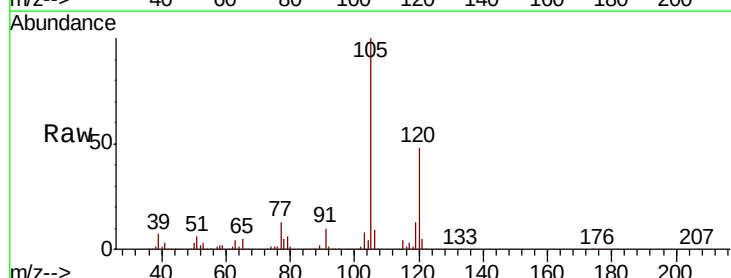
Acq: 25 Sep 2018 14:51

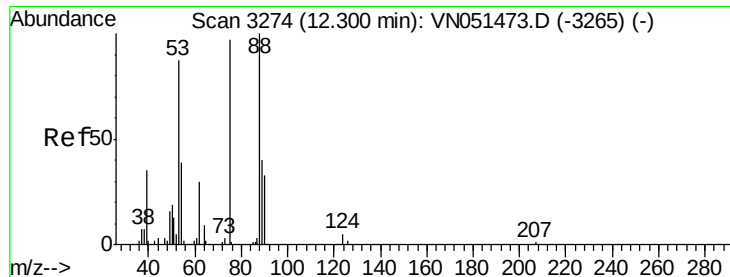
Tgt Ion: 105 Resp: 430174

Ion Ratio Lower Upper

105 100

120 48.8 0.0 98.2





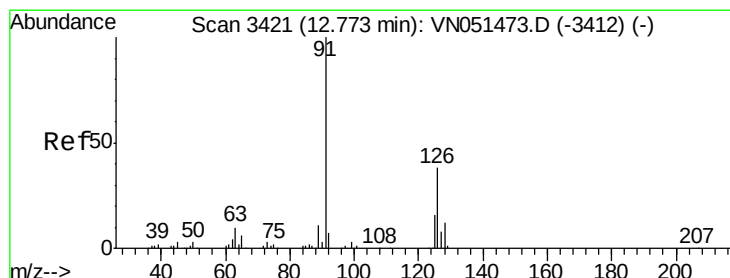
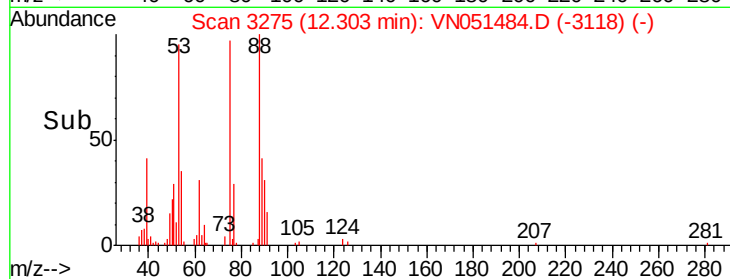
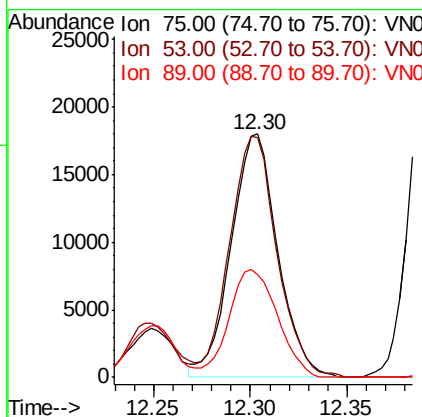
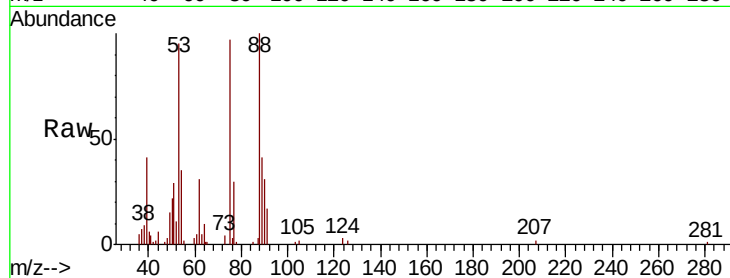
#77
t-1,4-Dichloro-2-butene
Concen: 20.167 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.01 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	46.3	138.9
89	42.3	24.6	73.8

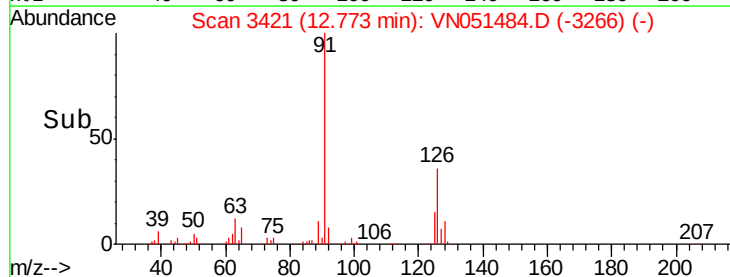
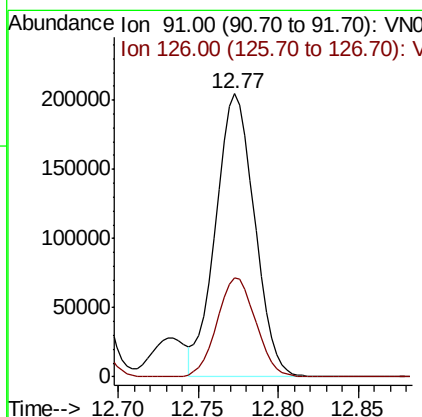
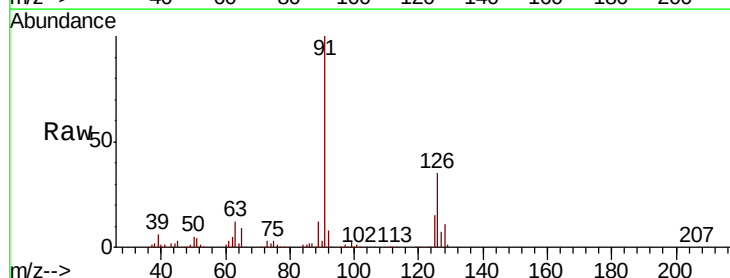
Manual Integrations
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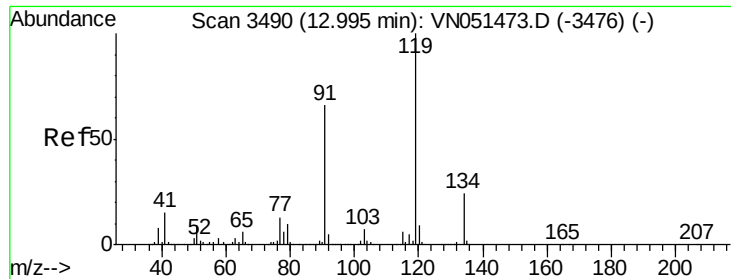
MMDadoda
10/1/2018 11:21:33 AM



#78
4-Chlorotoluene
Concen: 21.470 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	0.0	65.2





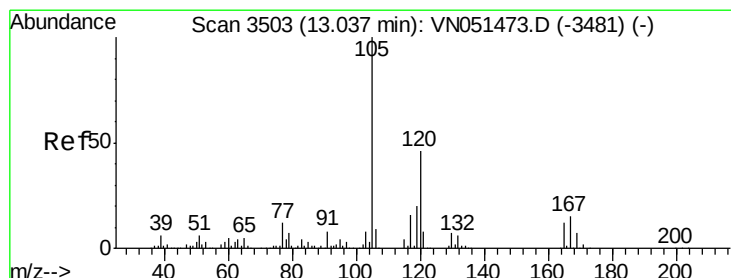
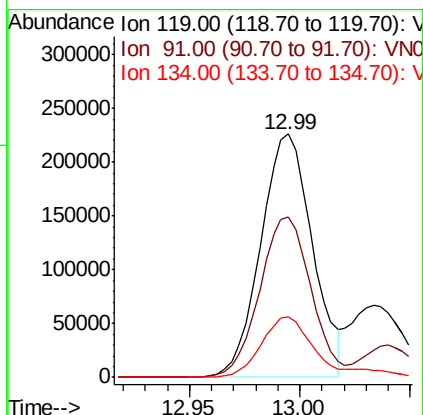
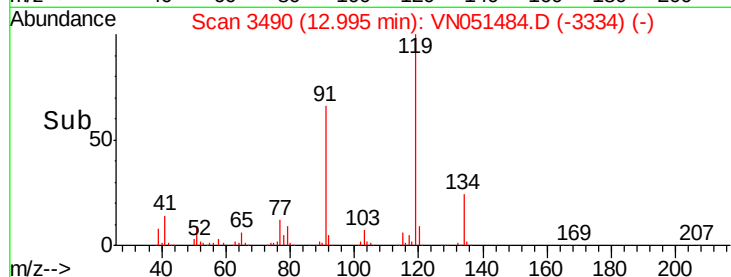
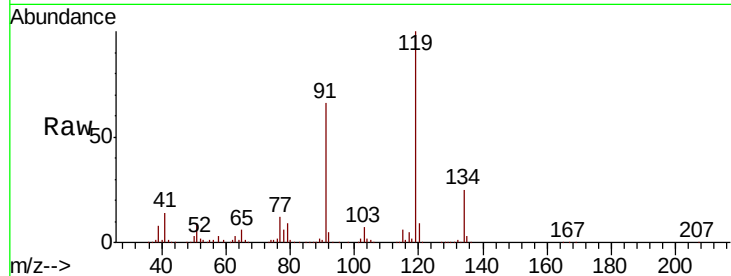
#79
tert-butylbenzene
Concen: 21.852 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	367183		
91	65.4	0.0	131.6	
134	24.3	0.0	46.2	

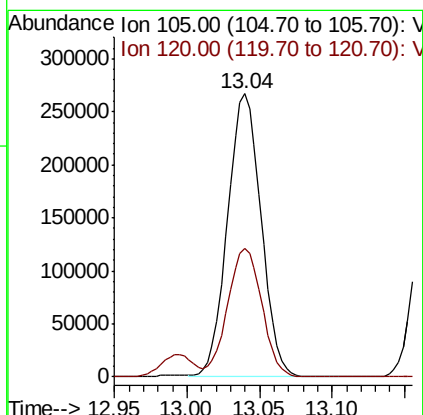
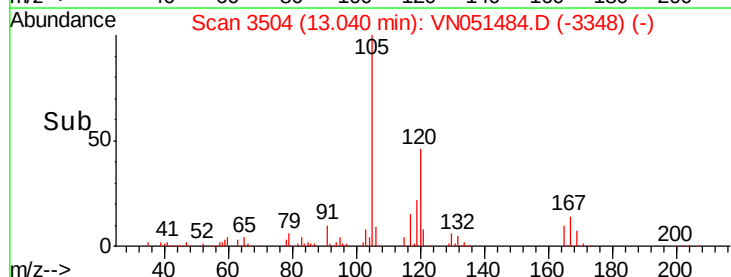
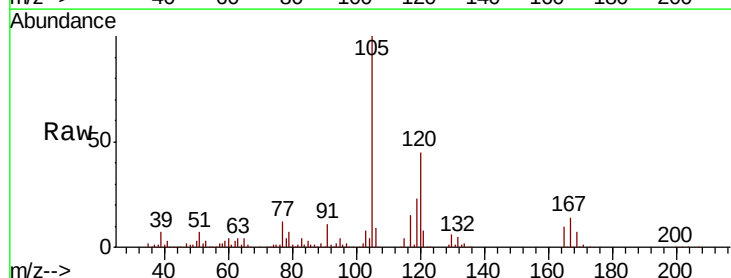
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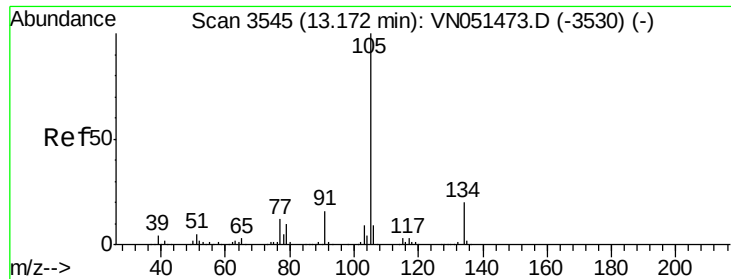
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10/1/2018 11:21:33 AM



#80
1,2,4-Trimethylbenzene
Concen: 22.073 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	428246		
120	46.2	0.0	89.6	





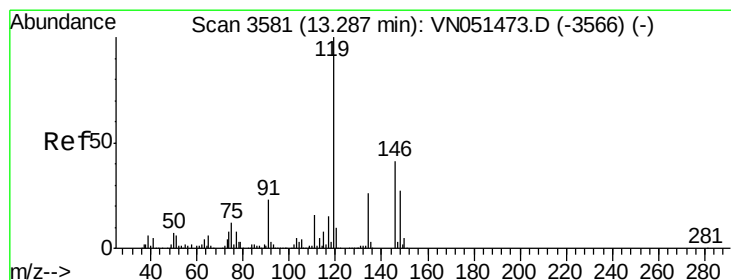
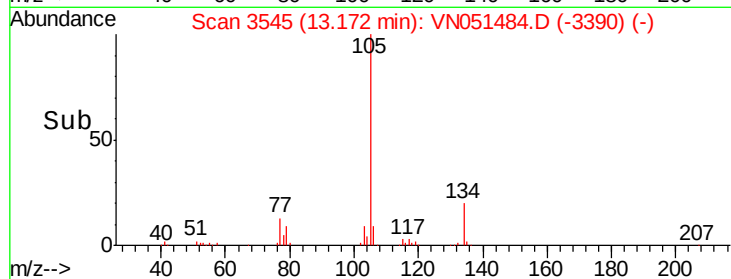
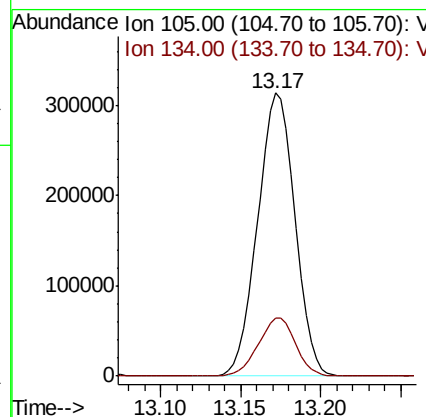
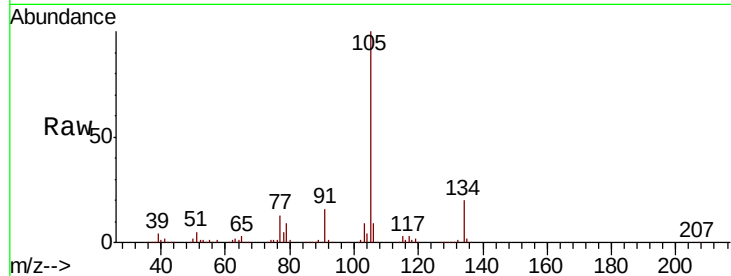
#81
 sec-Butylbenzene
 Concen: 21.709 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	501797		
134	20.6	0.0	39.4	

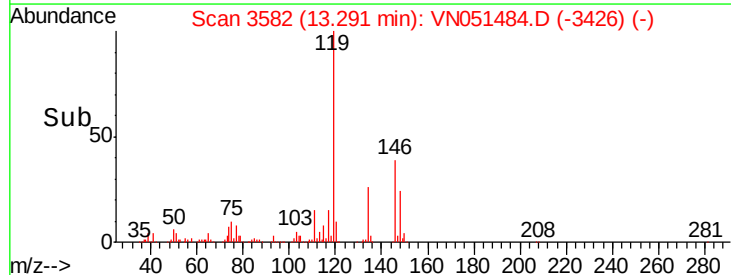
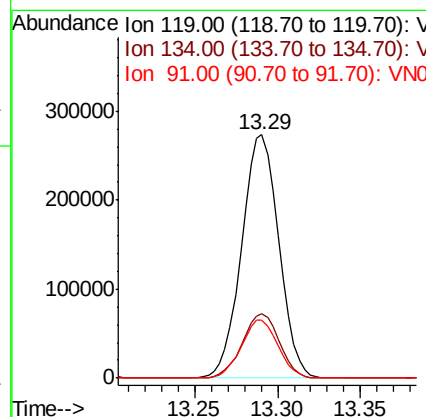
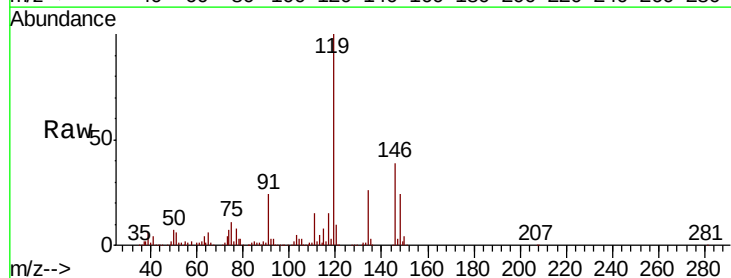
Manual Integrations
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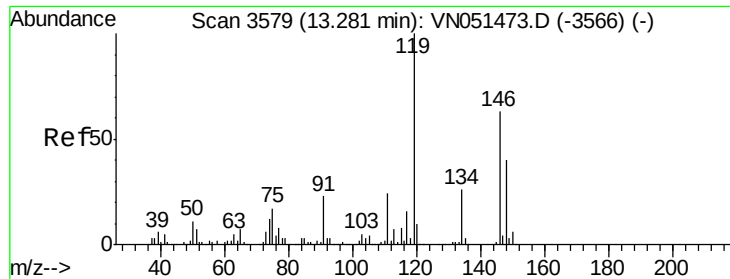
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#82
 p-Isopropyltoluene
 Concen: 21.351 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	426026		
134	26.5	0.0	53.6	
91	23.8	0.0	52.0	





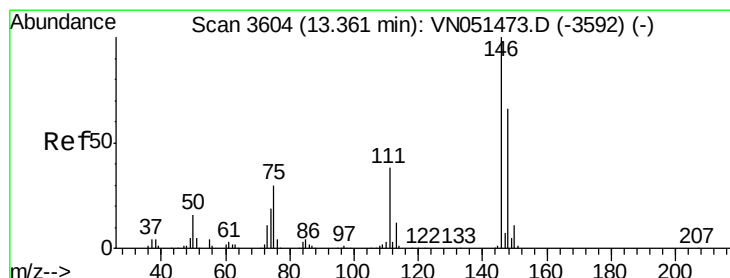
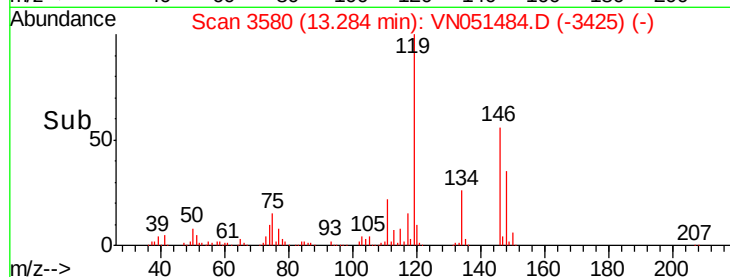
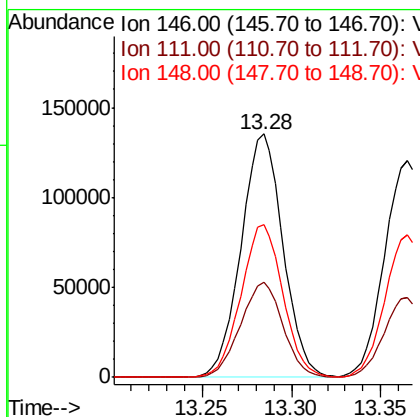
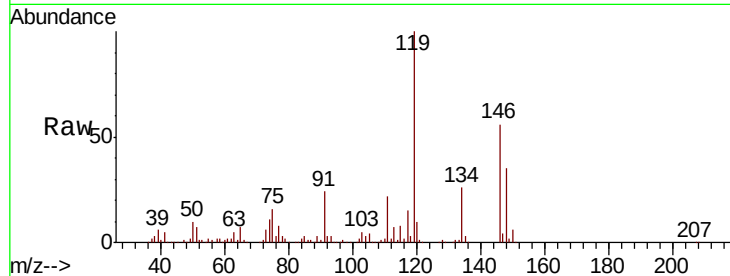
#83
 1,3-Dichlorobenzene
 Concen: 21.457 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221842		
111	39.5	18.1	54.3	
148	62.6	31.3	93.8	

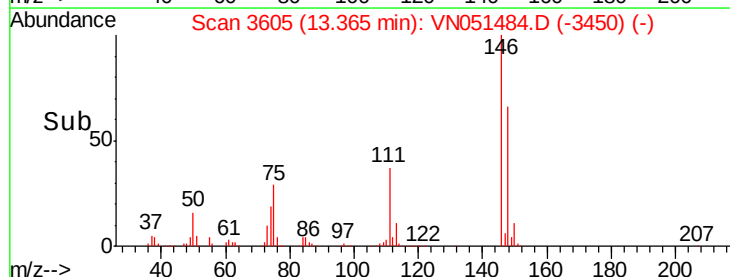
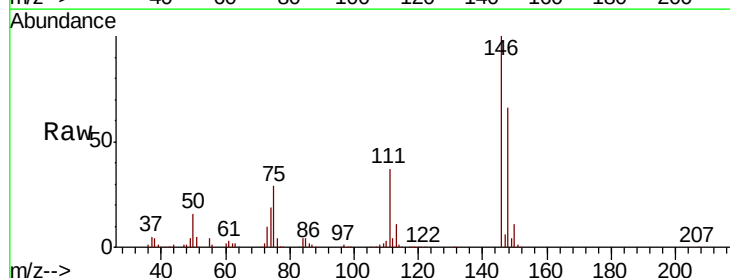
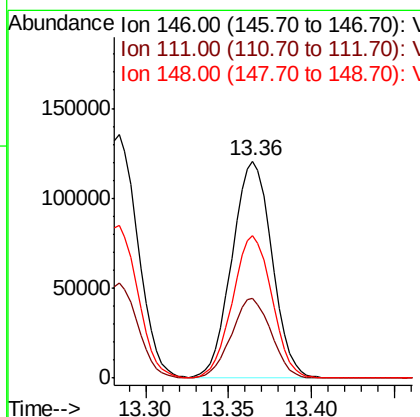
Manual Integrations
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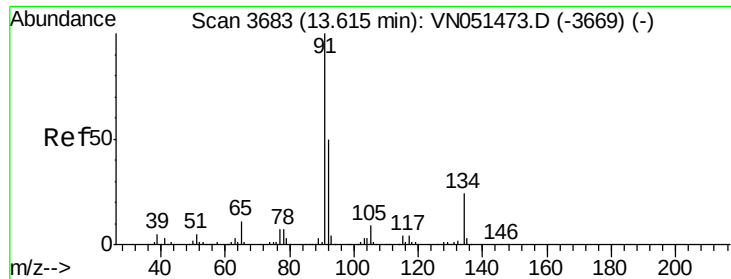
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 20.845 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	202411		
111	36.7	17.4	52.2	
148	64.5	32.8	98.3	





#85

n-Butylbenzene

Concen: 19.353 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Instrument :

MSVOA_N

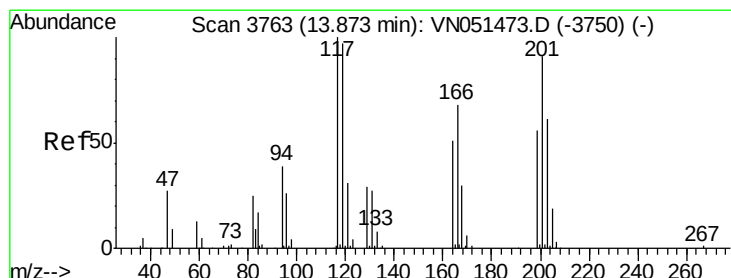
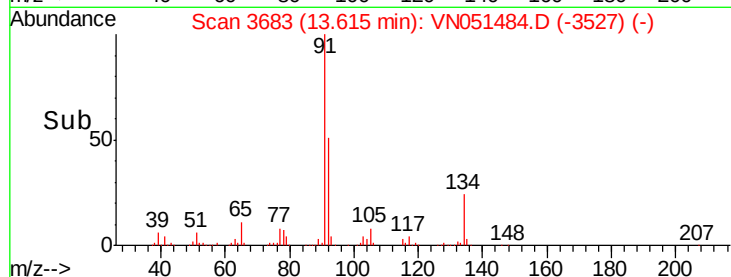
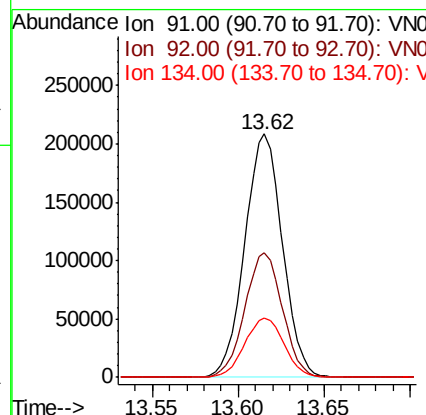
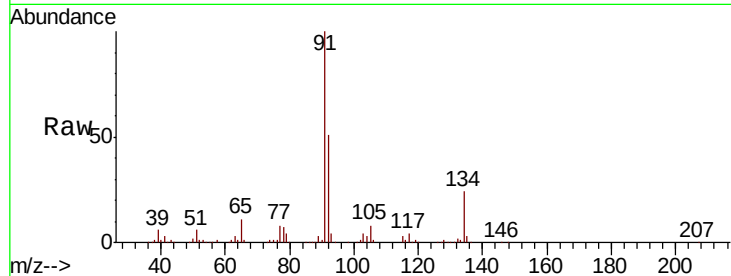
ClientSampled :

VN0925WBS01

Tot Ion:	91	Resp:	317066
Ion	Ratio	Lower	Upper
91	100		
92	51.0	0.0	97.4
134	25.4	0.0	49.6

Manual Integrations
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#86

Hexachloroethane

Concen: 21.482 ug/l

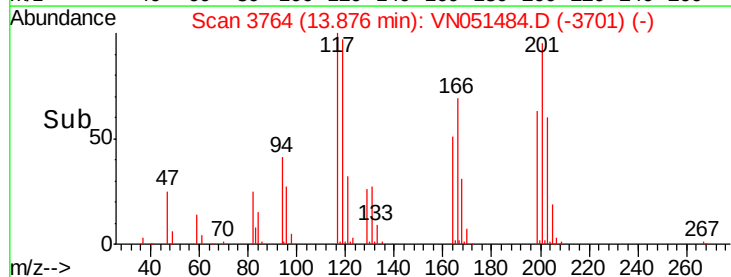
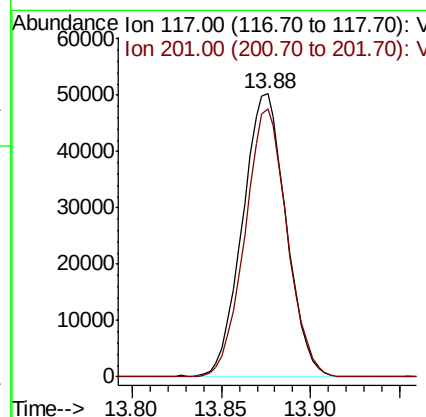
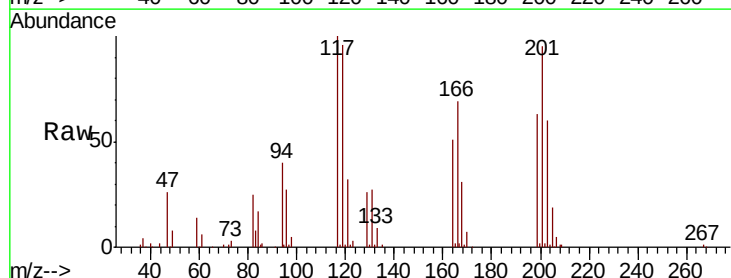
RT: 13.88 min Scan# 3764

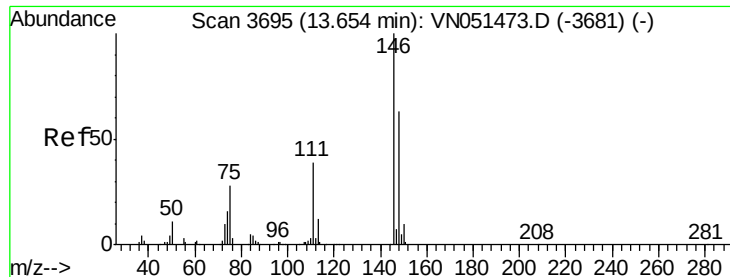
Delta R.T. 0.00 min

Lab File: VN051484.D

Acq: 25 Sep 2018 14:51

Tgt Ion:	117	Resp:	85894
Ion	Ratio	Lower	Upper
117	100		
201	91.5	47.8	143.3





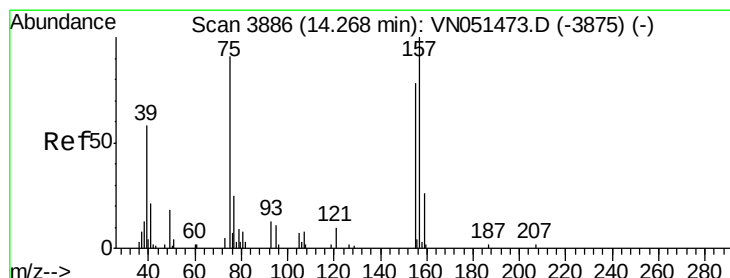
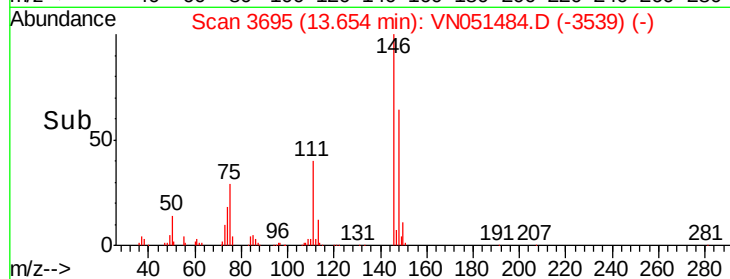
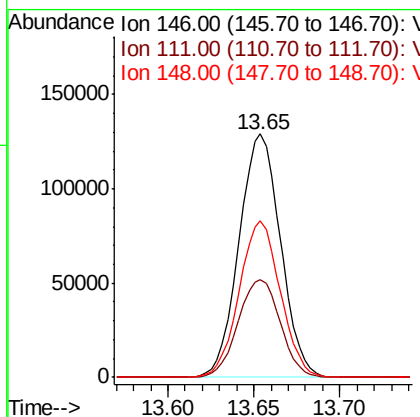
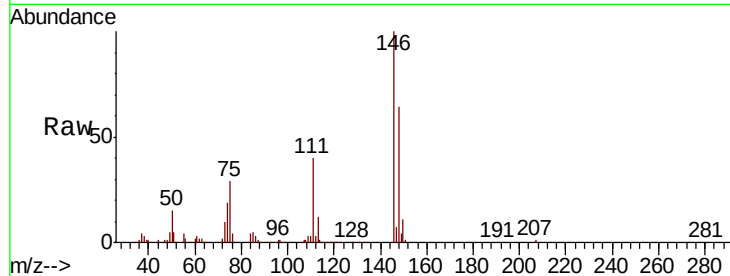
#87
 1,2-Dichlorobenzene
 Concen: 22.114 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN0925WBS01

Tot Ion:	146	Resp:	216746
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.8	62.2
148	63.6	33.2	99.6

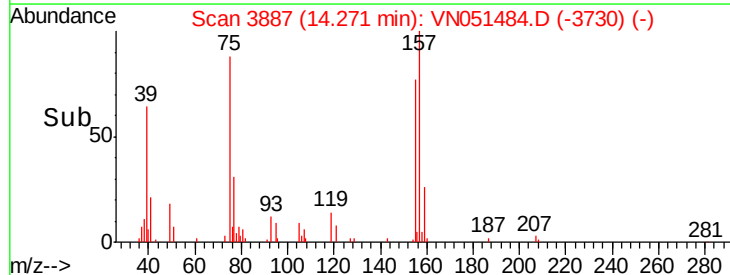
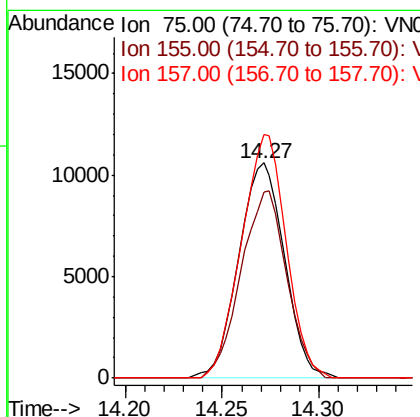
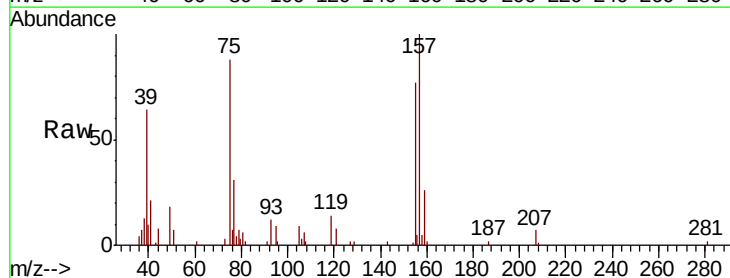
Manual Integrations
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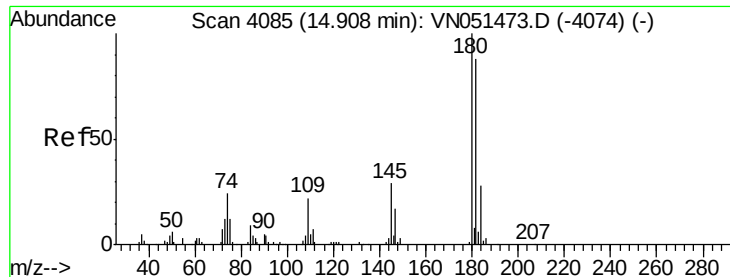
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 10/1/2018 11:21:33 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.504 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.01 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion:	75	Resp:	17474
Ion Ratio	Lower	Upper	
75	100		
155	86.5	57.0	85.6#
157	110.6	87.4	131.0





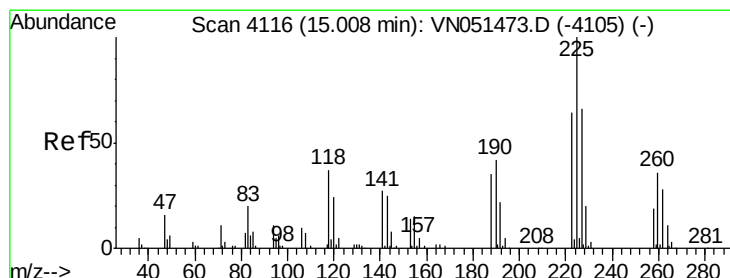
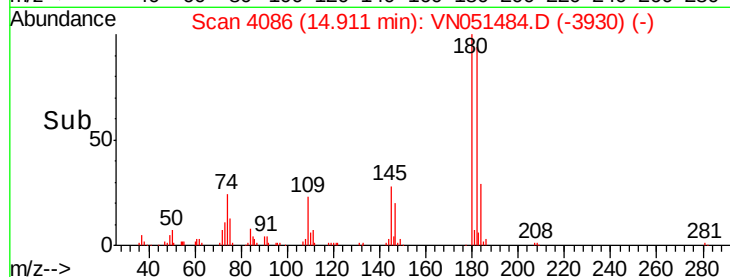
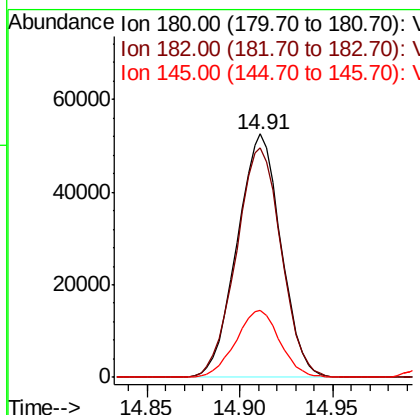
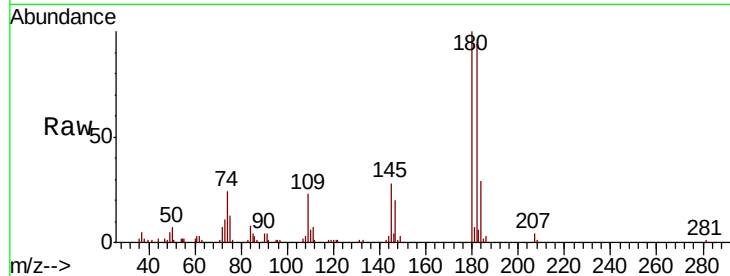
#89
 1,2,4-Trichlorobenzene
 Concen: 17.652 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.7	116.5
145	27.8	23.4	35.2

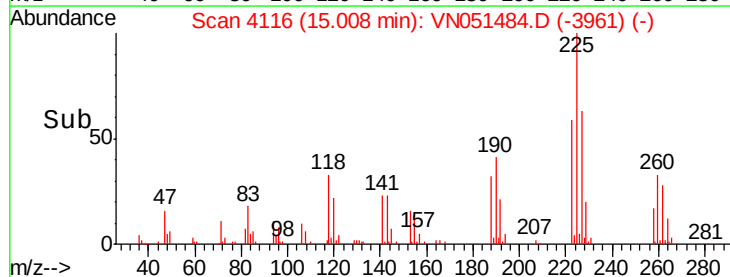
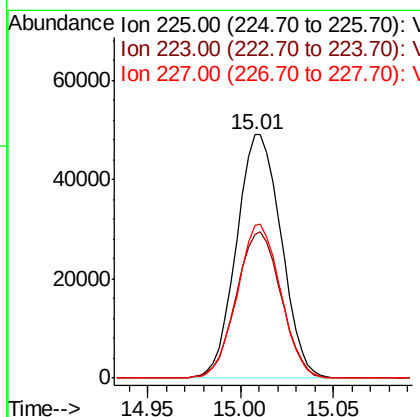
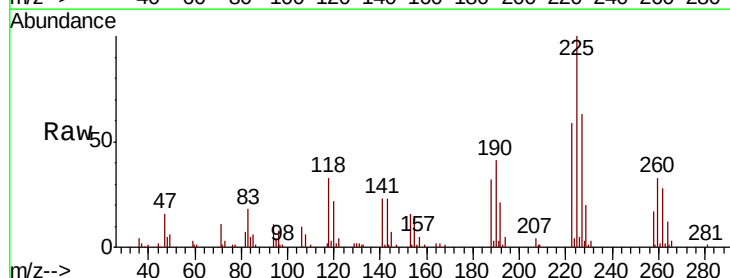
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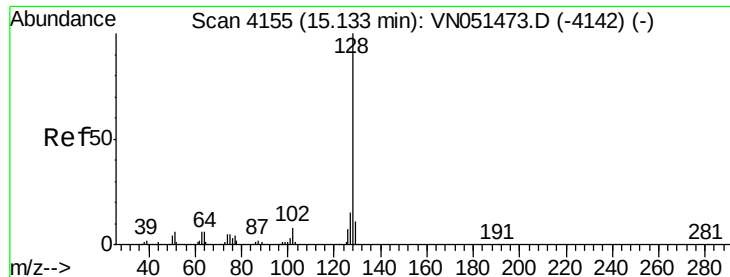
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#90
 Hexachlorobutadiene
 Concen: 21.810 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051484.D
 Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	0.0	117.0
227	61.4	0.0	127.0





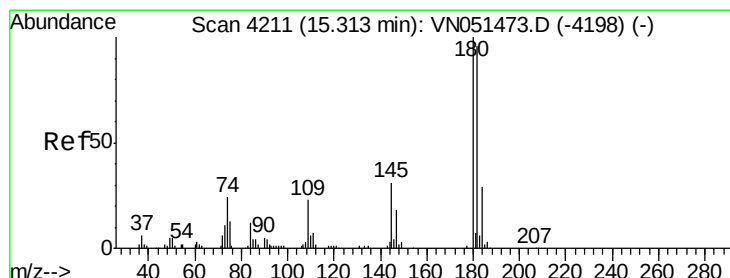
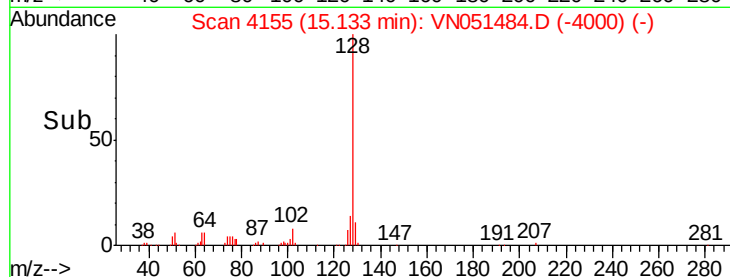
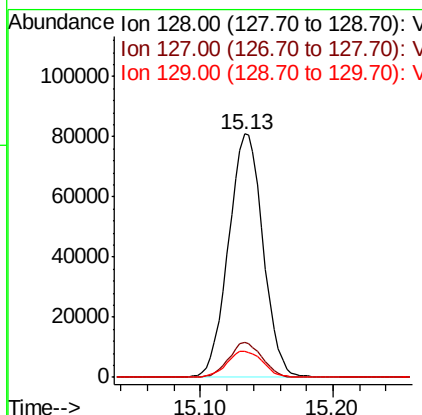
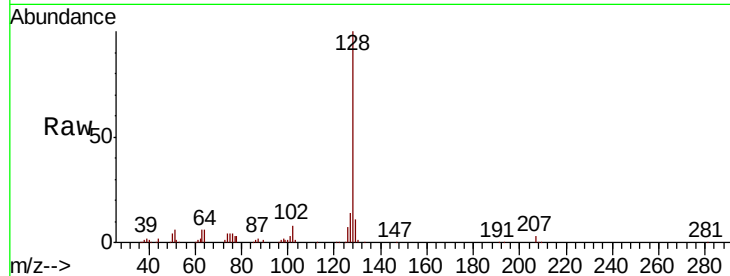
#91
Naphthalene
Concen: 15.860 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Instrument :
MSVOA_N
ClientSampled :
VN0925WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.1	15.1
129	11.0	8.4	12.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.029 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051484.D
Acq: 25 Sep 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	0.0	198.0
145	29.5	0.0	36.8

