

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051490.D
 Acq On : 25 Sep 2018 18:19
 Operator : MD\SY
 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:53:37 AM

Quant Time: Sep 26 04:32:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	514104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	722531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	641782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	321009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	327117	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.59	113	298604	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.09	98	1077270	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.40	95	340526	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	82757	17.254	ug/l	98
3) Chloromethane	2.06	50	144034	18.864	ug/l	98
4) Vinyl Chloride	2.18	62	151999	18.037	ug/l	98
5) Bromomethane	2.57	94	98581	19.557	ug/l	98
6) Chloroethane	2.70	64	99662	18.980	ug/l	99
7) Trichlorofluoromethane	3.01	101	202806	18.373	ug/l	94
8) Diethyl Ether	3.41	74	61819	15.975	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	112489	18.057	ug/l	99
10) Methyl Iodide	3.95	142	132681	16.221	ug/l	97
11) Tert butyl alcohol	4.79	59	33964	93.446	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	96515	16.873	ug/l	98
13) Acrolein	3.61	56	26344	72.991	ug/l	93
14) Allyl chloride	4.33	41	168825	17.592	ug/l	100
15) Acrylonitrile	4.99	53	181860	91.980	ug/l	99
16) Acetone	3.82	43	127988	72.333	ug/l	95
17) Carbon Disulfide	4.05	76	268627	15.985	ug/l	99
18) Methyl Acetate	4.33	43	95912	19.555	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	273856	18.566	ug/l	100
20) Methylene Chloride	4.55	84	117179	18.388	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	105066	17.956	ug/l	98
22) Diisopropyl ether	5.95	45	369234	19.904	ug/l	97
23) Vinyl Acetate	5.90	43	1118915	91.874	ug/l	99
24) 1,1-Dichloroethane	5.85	63	216261	19.539	ug/l	99
25) 2-Butanone	6.84	43	199706	90.599	ug/l	99
26) 2,2-Dichloropropane	6.82	77	170052	19.682	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	119879	18.671	ug/l	97
28) Bromochloromethane	7.20	49	100941	19.749	ug/l	100
29) Tetrahydrofuran	7.22	42	132062	94.541	ug/l	99
30) Chloroform	7.37	83	215375	19.638	ug/l	99
31) Cyclohexane	7.66	56	182275	17.974	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	183863	19.610	ug/l	99
36) 1,1-Dichloropropene	7.79	75	156014	18.646	ug/l	99
37) Ethyl Acetate	6.93	43	91599	19.040	ug/l	99
38) Carbon Tetrachloride	7.77	117	166092	18.979	ug/l	97

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167118	17.086	ug/l	95
40) Benzene	8.04	78	472374	19.228	ug/l	98
41) Methacrylonitrile	7.17	41	47844	17.976	ug/l	93
42) 1,2-Dichloroethane	8.12	62	153406	19.501	ug/l	100
43) Isopropyl Acetate	8.17	43	164281	18.885	ug/l	100
44) Trichloroethene	8.84	130	121270	18.584	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130522	19.544	ug/l	99
46) Dibromomethane	9.21	93	71688	18.999	ug/l	99
47) Bromodichloromethane	9.40	83	161767	19.373	ug/l	98
48) Methyl methacrylate	9.20	41	81367	18.761	ug/l	98
49) 1,4-Dioxane	9.20	88	19728	371.152	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	456586	95.436	ug/l	100
52) Toluene	10.16	92	284589	18.640	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	151042	17.917	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	181223	18.537	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	106734	19.781	ug/l	95
56) Ethyl methacrylate	10.43	69	119989	18.188	ug/l	99
57) 1,3-Dichloropropane	10.71	76	178703	19.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	300370	97.646	ug/l	97
59) 2-Hexanone	10.75	43	281883	90.888	ug/l	96
60) Dibromochloromethane	10.90	129	117080	18.390	ug/l	97
61) 1,2-Dibromoethane	11.00	107	97045	18.527	ug/l	99
64) Tetrachloroethene	10.63	164	113324	19.456	ug/l	98
65) Chlorobenzene	11.43	112	307800	18.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	120761	19.250	ug/l	100
67) Ethyl Benzene	11.51	91	504686	18.187	ug/l	99
68) m/p-Xylenes	11.62	106	395202	36.819	ug/l	99
69) o-Xylene	11.95	106	189439	18.359	ug/l	99
70) Styrene	11.96	104	298253	18.240	ug/l	99
71) Bromoform	12.13	173	79421	18.657	ug/l #	95
73) Isopropylbenzene	12.25	105	511030	18.868	ug/l	100
74) N-amyl acetate	12.07	43	122555	18.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	125143	19.814	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	109767m	20.598	ug/l	
77) Bromobenzene	12.53	156	129501	18.887	ug/l	99
78) n-propylbenzene	12.59	91	575360	18.849	ug/l	99
79) 2-Chlorotoluene	12.67	91	351396	19.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	431372	19.532	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	30659	17.691	ug/l	97
82) 4-Chlorotoluene	12.77	91	347388	19.048	ug/l	99
83) tert-Butylbenzene	12.99	119	372701	18.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	434980	19.546	ug/l	100
85) sec-Butylbenzene	13.17	105	509347	19.153	ug/l	98
86) p-Isopropyltoluene	13.29	119	435038	18.906	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217695	18.347	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	211837	18.555	ug/l	99
89) n-Butylbenzene	13.62	91	336988	17.809	ug/l	99
90) Hexachloroethane	13.87	117	86340	18.832	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	220340	19.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17783	19.729	ug/l	92

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0926WBS01

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85012	18.040	ug/l	99
94) Hexachlorobutadiene	15.01	225	84196	19.330	ug/l	100
95) Naphthalene	15.13	128	142171	18.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90064	16.302	ug/l	99

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

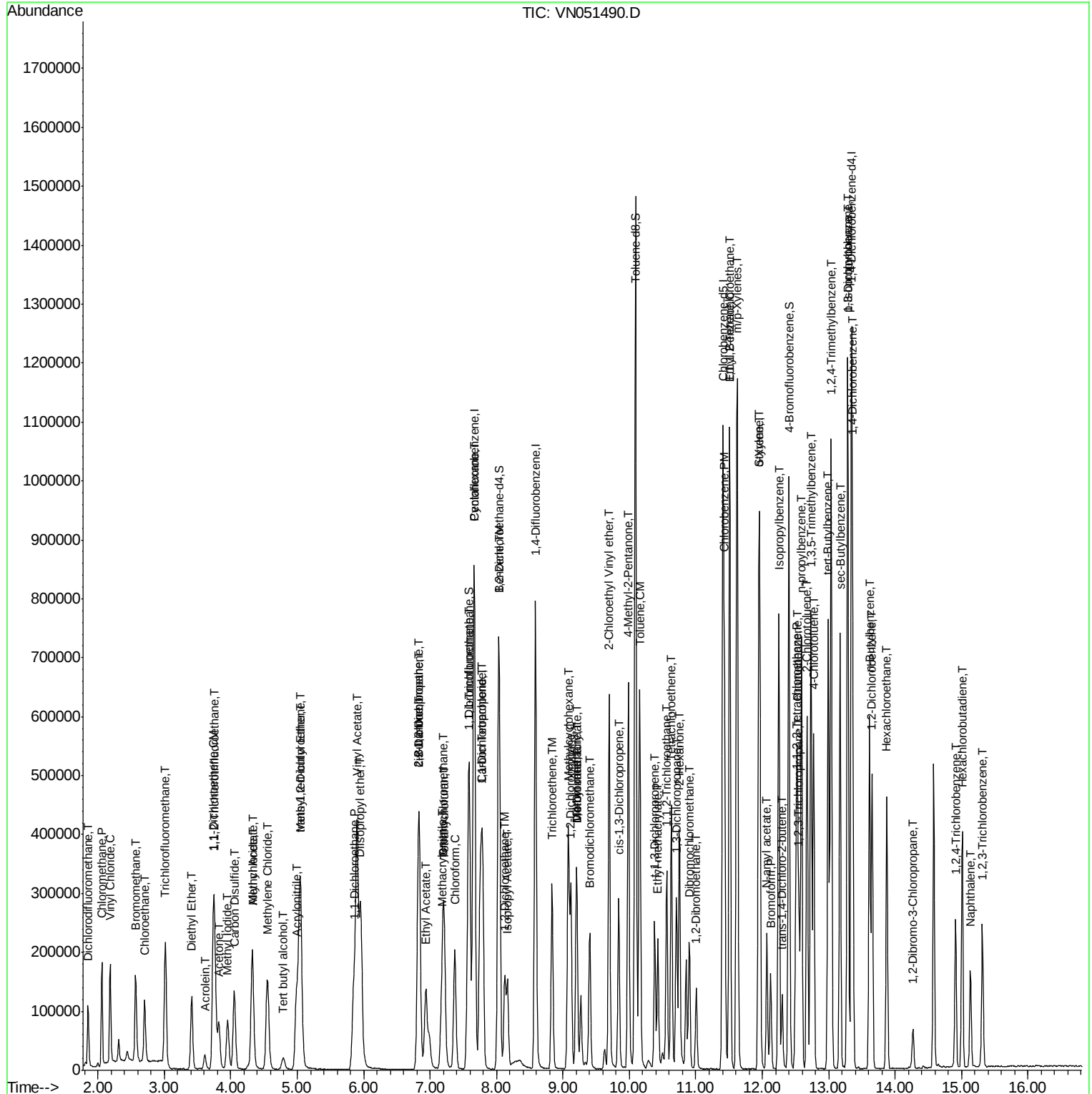
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 Data File : VN051490.D
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 Sample : VN0926WBS01
 Misc : 5.00mL/MSVOA_N/WATER
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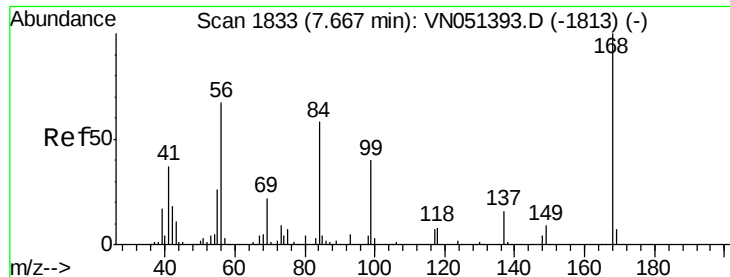
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 168 Resp: 514104

Ion Ratio Lower Upper

168 100

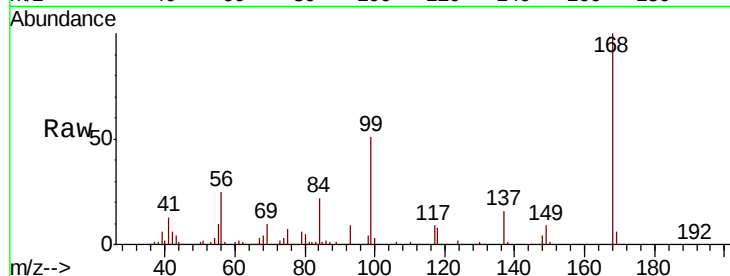
99 50.3 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

250000

200000

150000

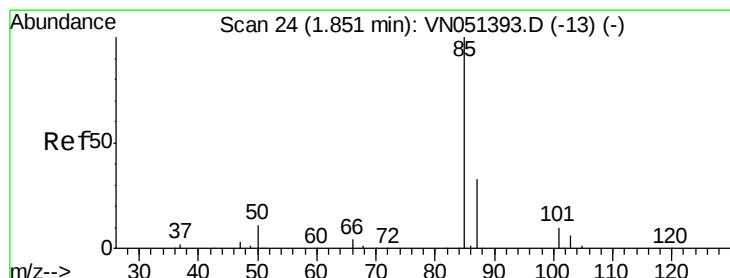
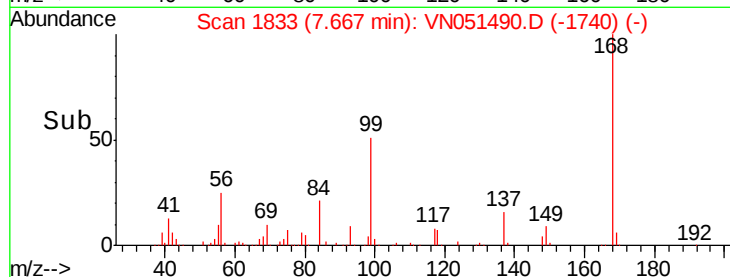
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.254 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051490.D

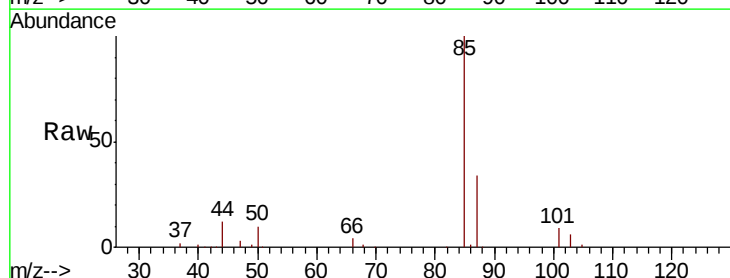
Acq: 25 Sep 2018 18:19

Tgt Ion: 85 Resp: 82757

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

60000

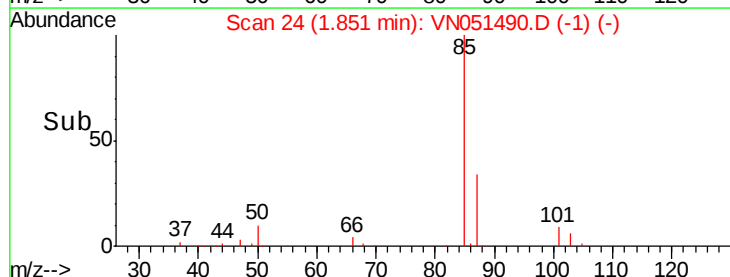
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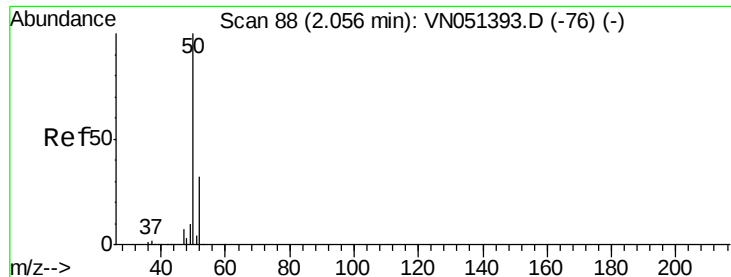
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.864 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 50 Resp: 144034

Ion Ratio Lower Upper

50 100

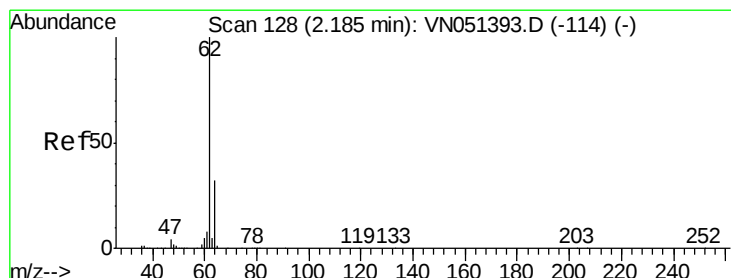
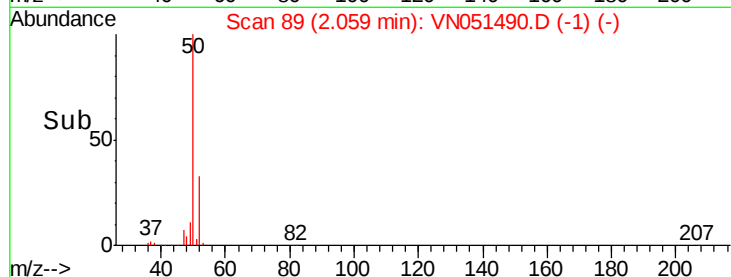
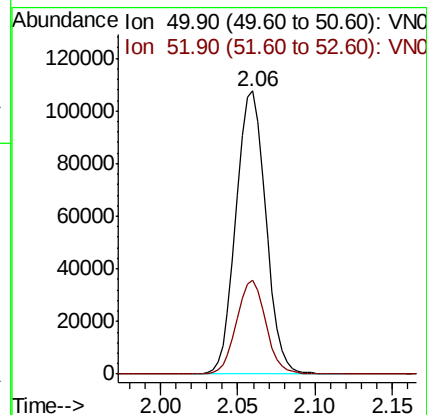
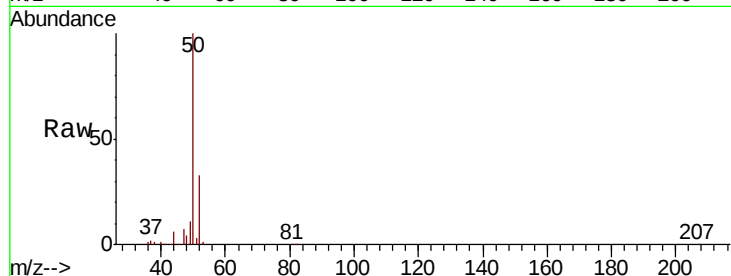
52 33.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.037 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051490.D

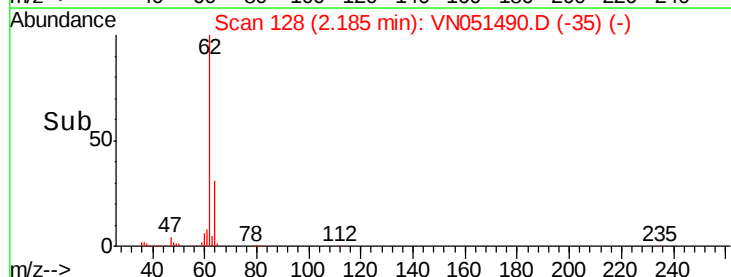
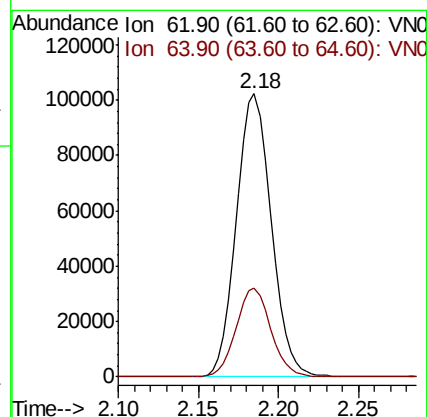
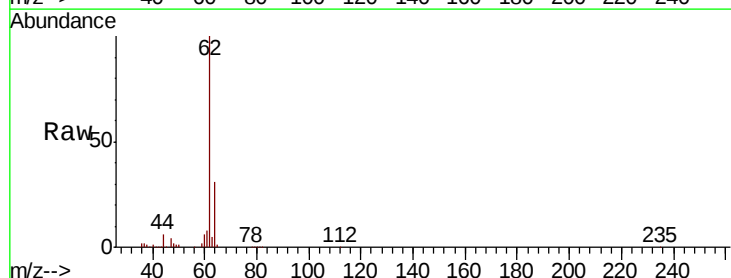
Acq: 25 Sep 2018 18:19

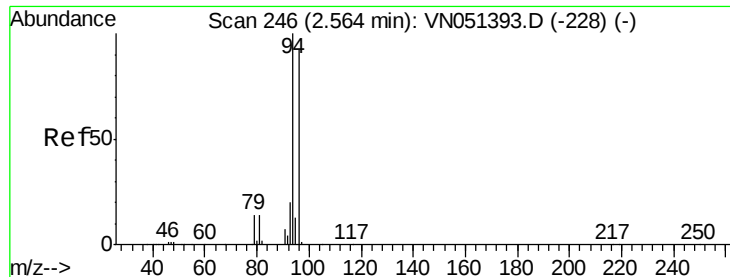
Tgt Ion: 62 Resp: 151999

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 19.557 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 94 Resp: 98581

Ion Ratio Lower Upper

94 100

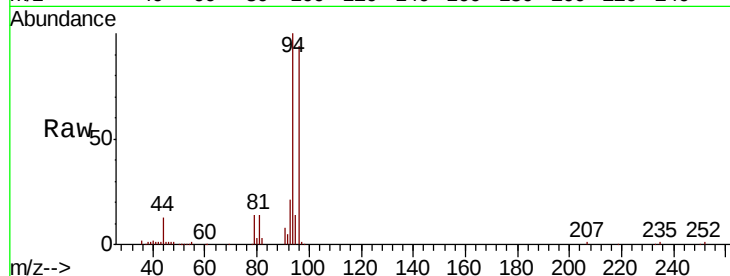
96 93.8 73.6 110.4

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Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.57

60000

50000

40000

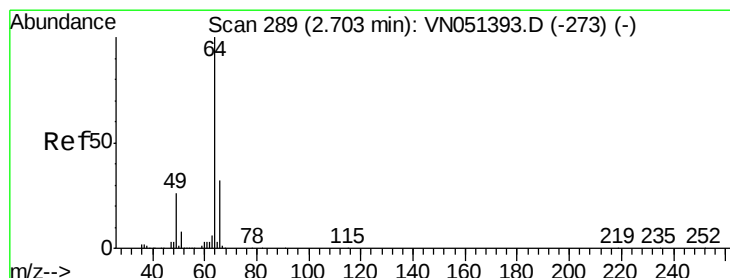
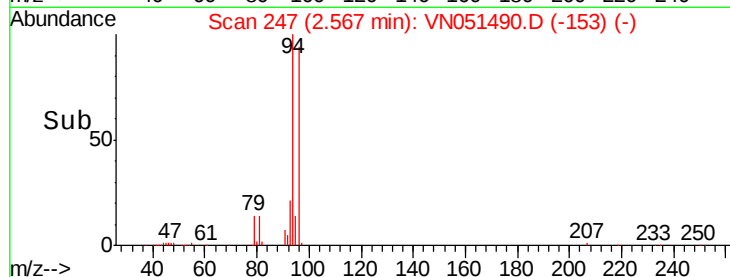
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 18.980 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051490.D

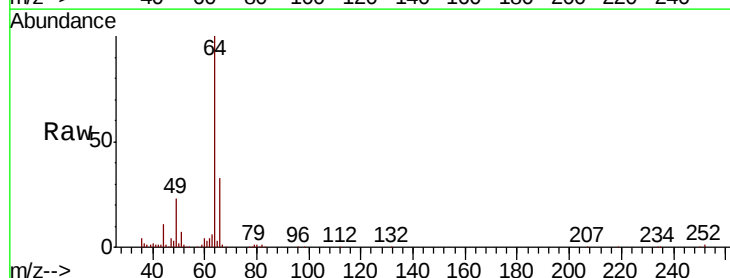
Acq: 25 Sep 2018 18:19

Tgt Ion: 64 Resp: 99662

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN051393.D (-273) (-)

Ion 65.90 (65.60 to 66.60): VN051393.D (-273) (-)

2.70

60000

50000

40000

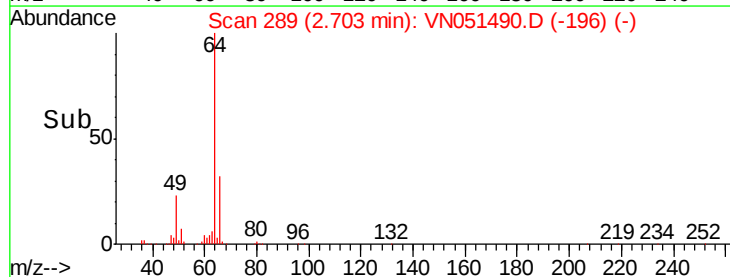
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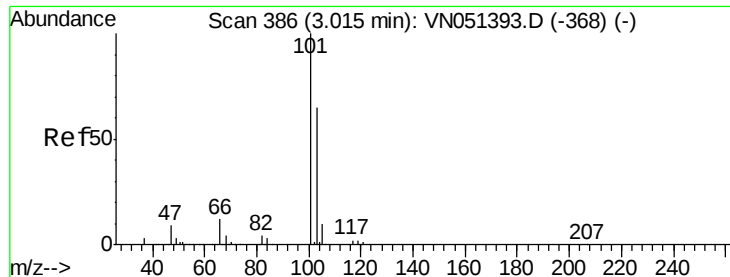
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10000

0

Time-->





#7

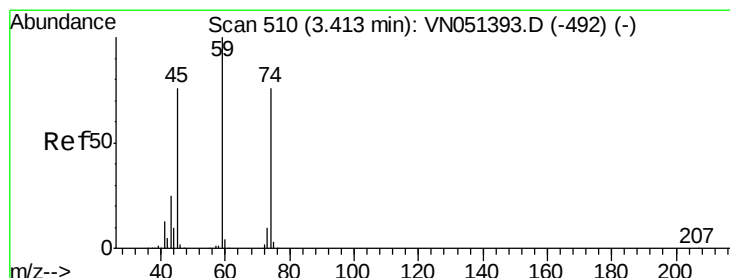
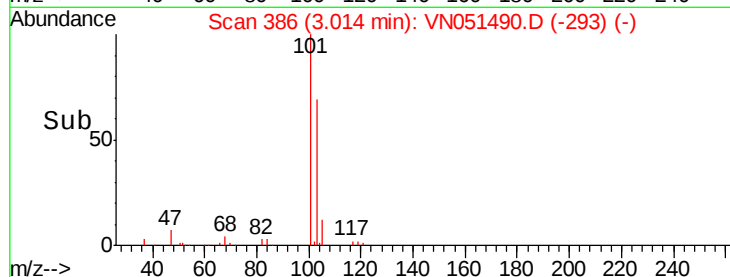
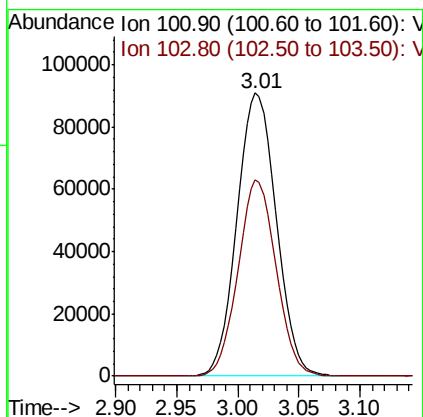
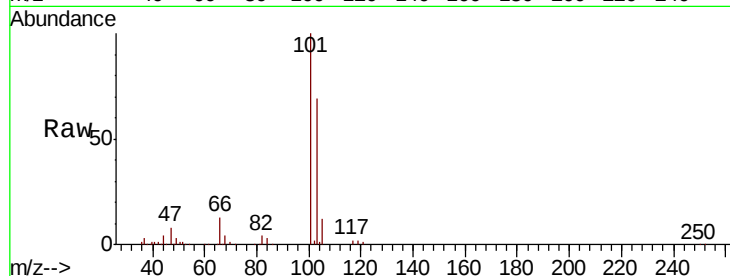
Trichlorofluoromethane
 Concen: 18.373 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	202806		
103	69.4	51.8	77.8	

Manual Integrations
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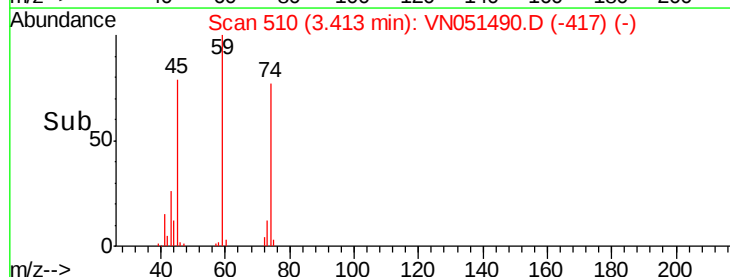
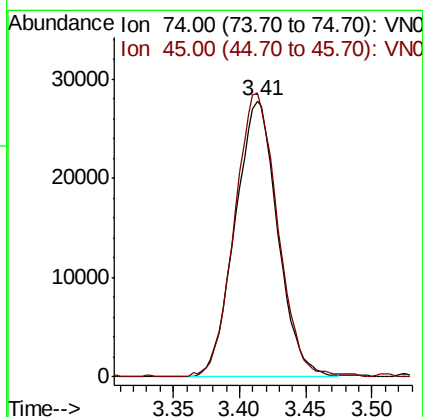
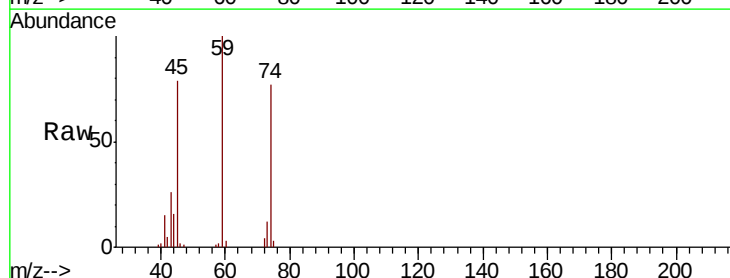
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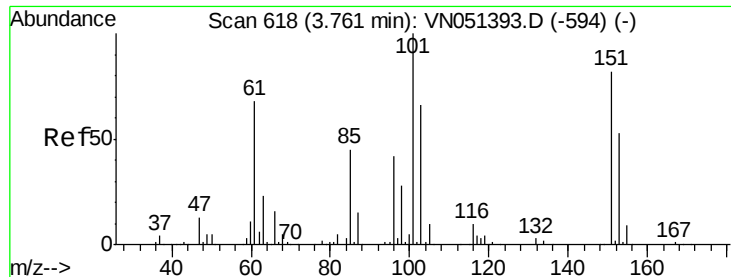


#8

Diethyl Ether
 Concen: 15.975 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61819		
45	104.4	50.2	150.7	





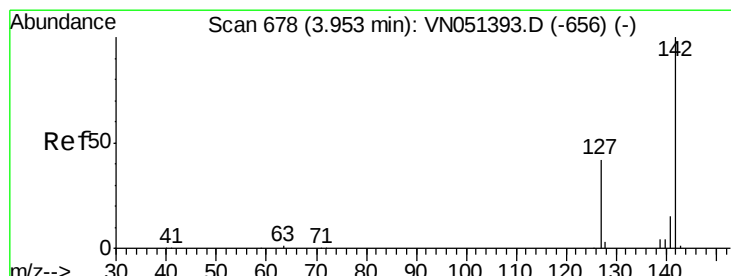
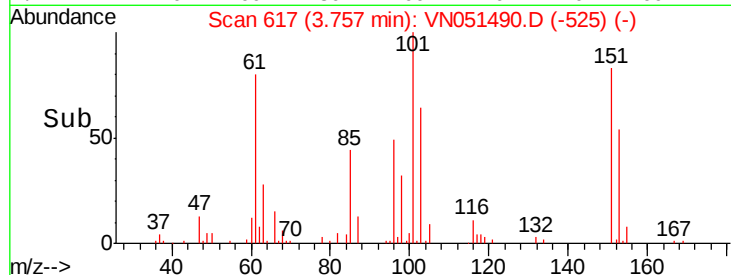
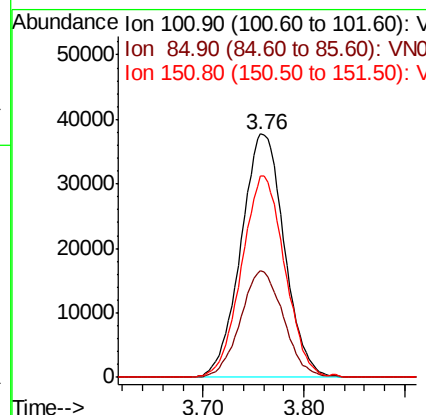
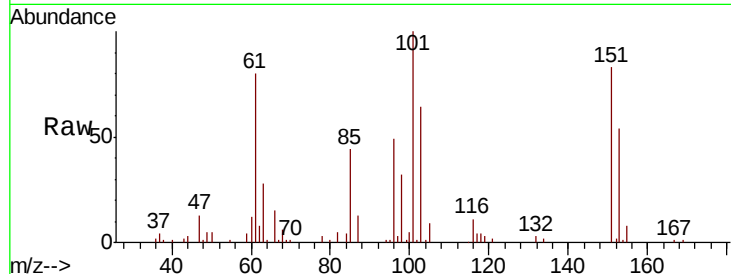
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.057 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	112489		
85	43.1	33.9	50.9	
151	82.2	65.2	97.8	

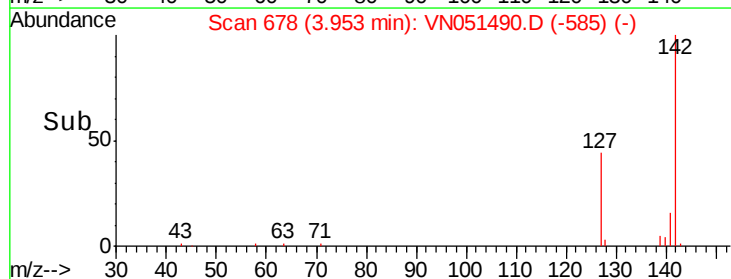
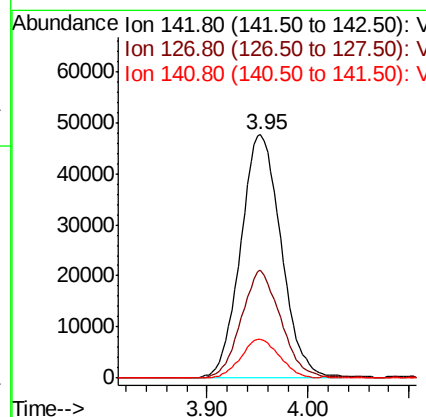
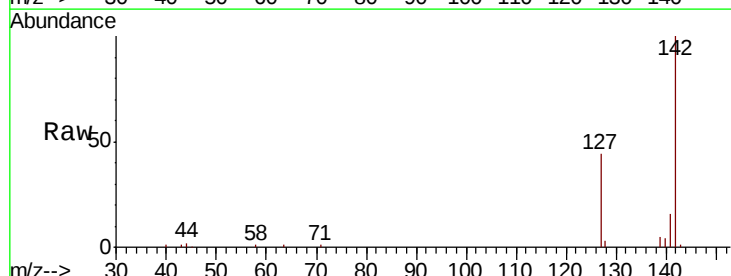
Manual Integrations
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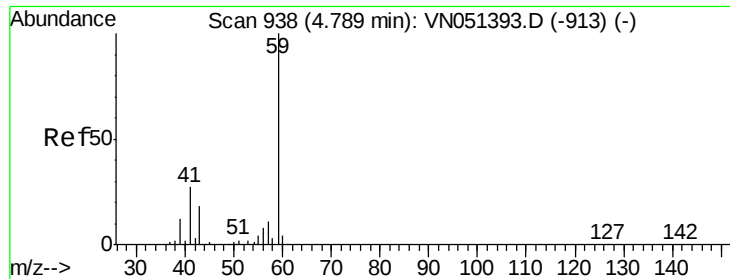
mmdadoda
 9/30/2018 9:53:37 AM



#10
 Methyl Iodide
 Concen: 16.221 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	132681		
127	43.4	33.2	49.8	
141	15.2	11.5	17.3	





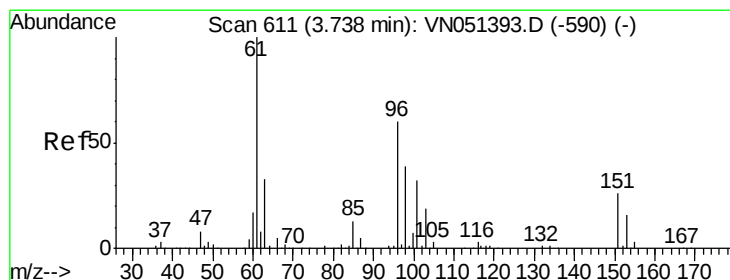
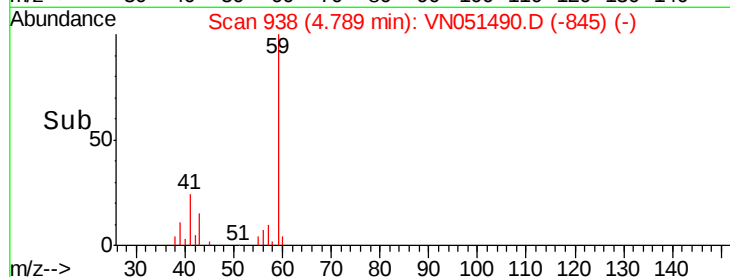
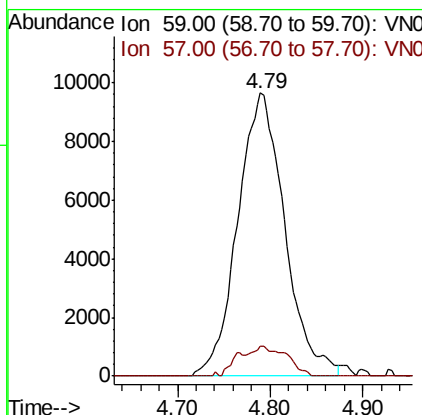
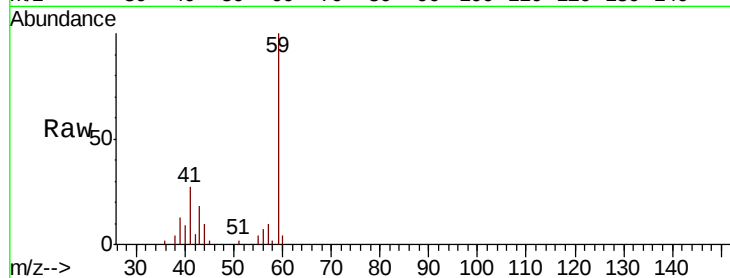
#11
Tert butyl alcohol
Concen: 93.446 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion: 59 Resp: 33964
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#

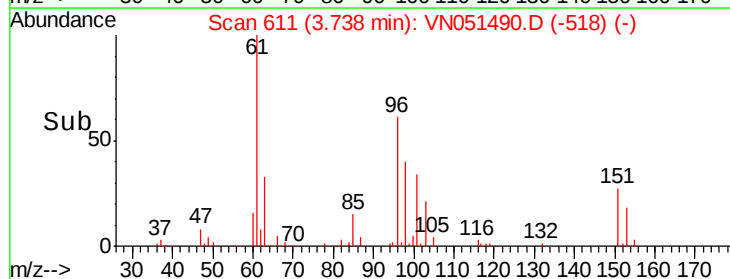
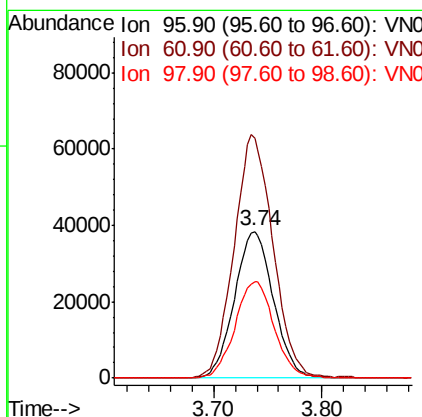
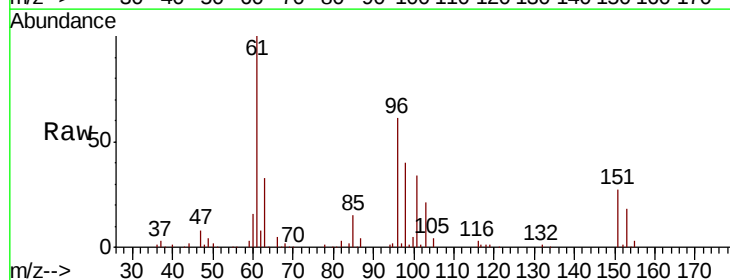
Manual Integrations
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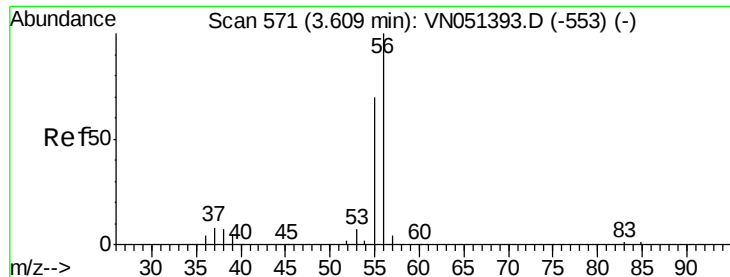
mmdadoda
9/30/2018 9:53:37 AM



#12
1,1-Dichloroethene
Concen: 16.873 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 96 Resp: 96515
Ion Ratio Lower Upper
96 100
61 163.7 133.6 200.4
98 66.2 52.2 78.2





#13

Acrolein

Concen: 72.991 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 56 Resp: 26344

Ion Ratio Lower Upper

56 100

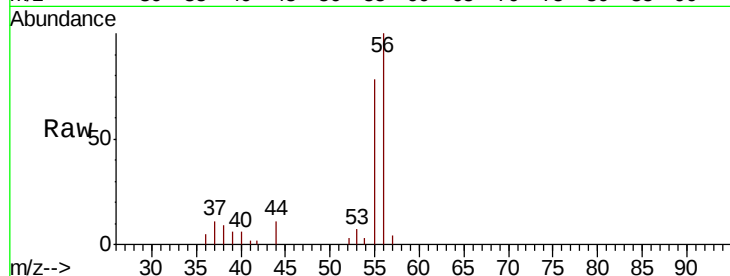
55 78.3 57.8 86.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12000

10000

8000

6000

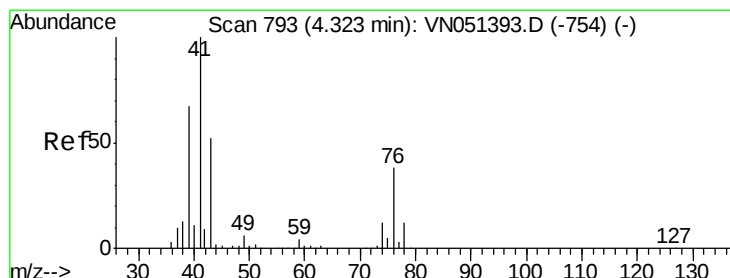
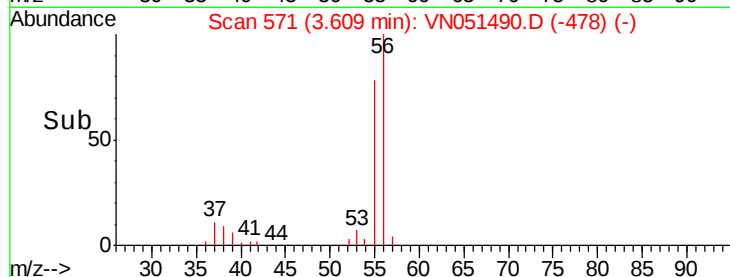
4000

2000

0

3.55 3.60 3.65 3.70

Time-->



#14

Allyl chloride

Concen: 17.592 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

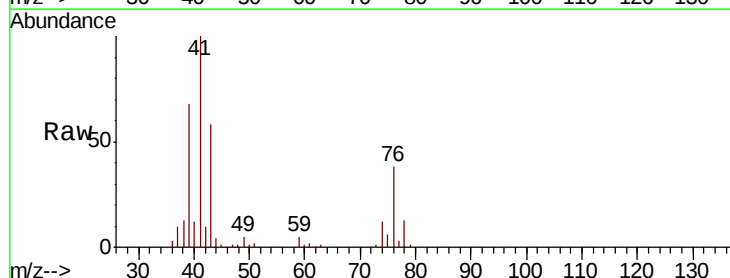
Tgt Ion: 41 Resp: 168825

Ion Ratio Lower Upper

41 100

39 64.3 51.4 77.2

76 35.2 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

60000

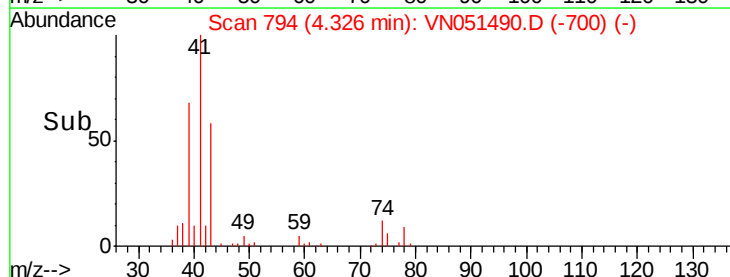
40000

20000

0

4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 91.980 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

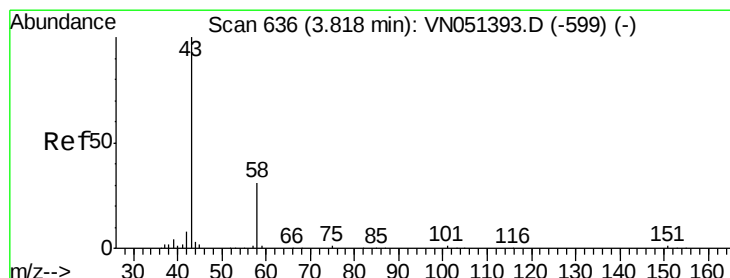
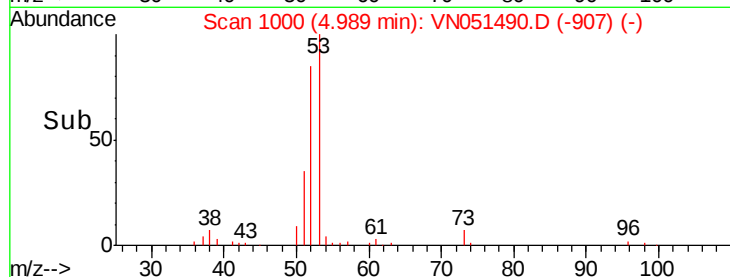
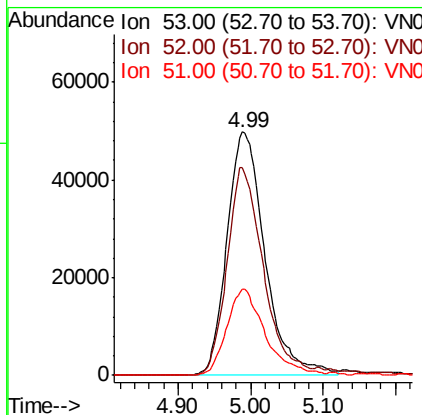
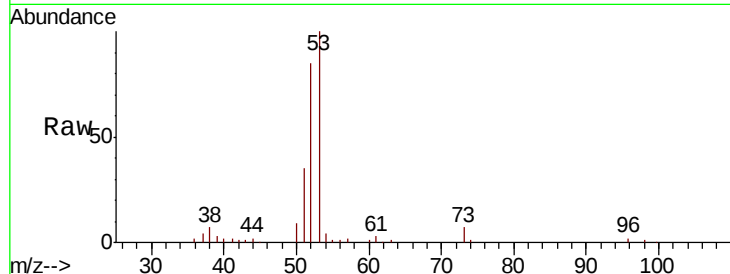
ClientSampleId :

VN0926WBS01

Tgt Ion:	53	Resp:	181860
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.2	99.2
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 72.333 ug/l

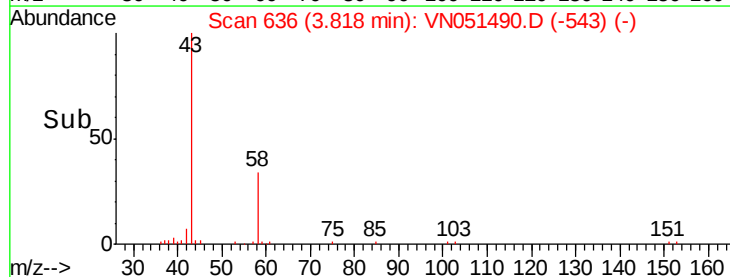
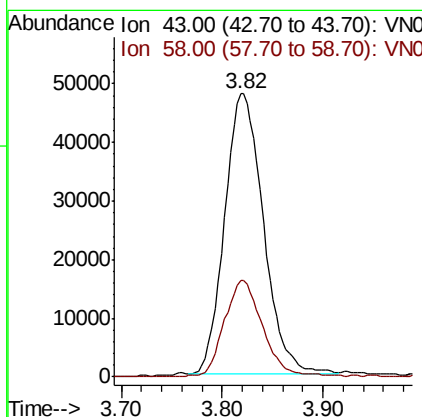
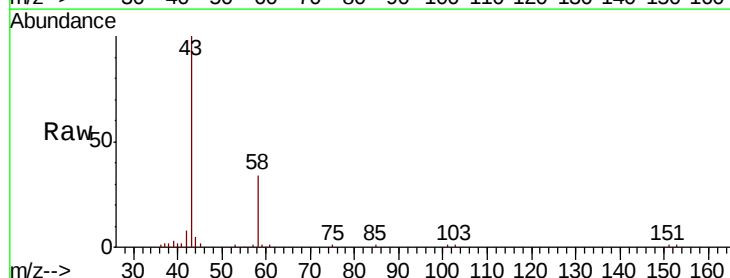
RT: 3.82 min Scan# 636

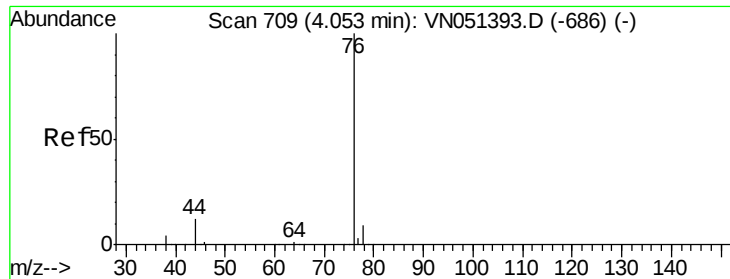
Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	43	Resp:	127988
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.0	37.4





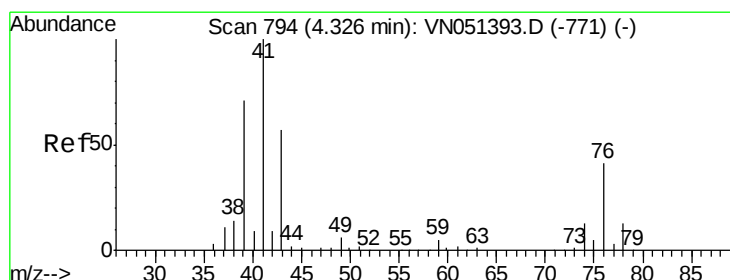
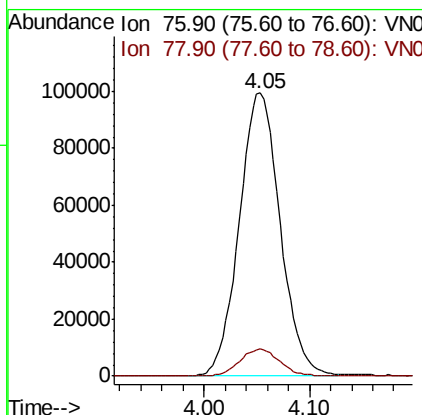
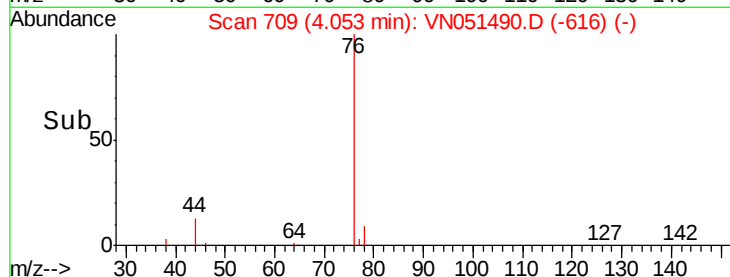
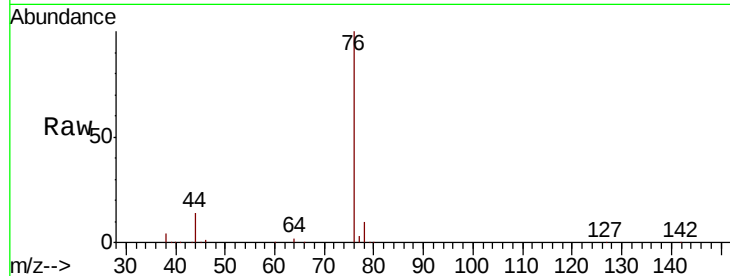
#17
Carbon Disulfide
Concen: 15.985 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tgt Ion: 76 Resp: 268627
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

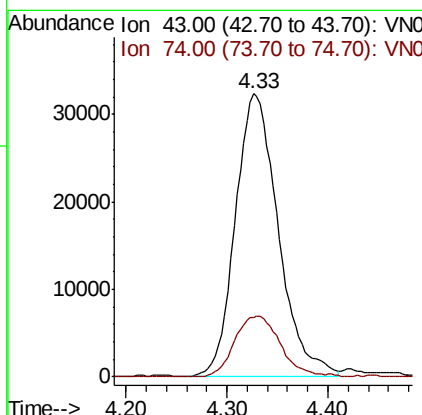
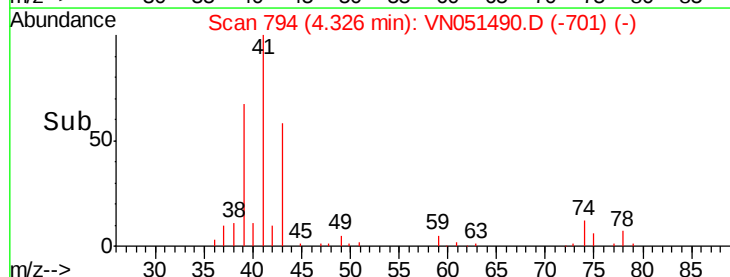
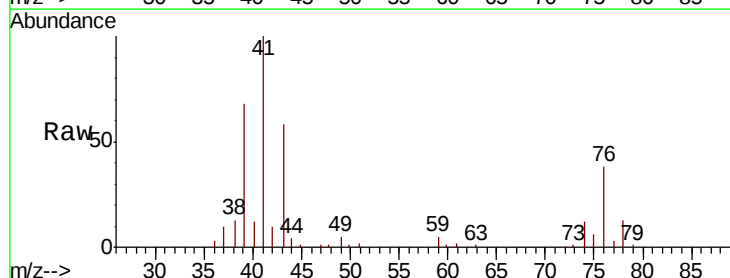
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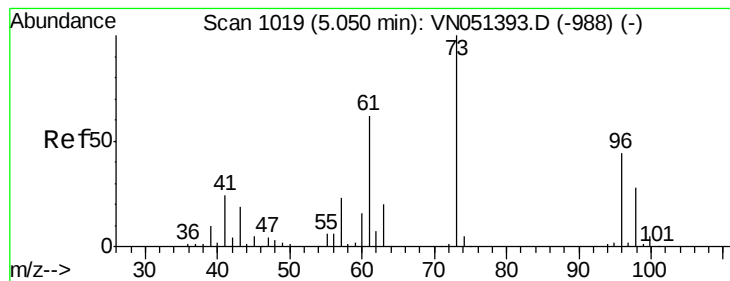
mmdadoda
9/30/2018 9:53:37 AM



#18
Methyl Acetate
Concen: 19.555 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 43 Resp: 95912
Ion Ratio Lower Upper
43 100
74 22.7 18.8 28.2





#19

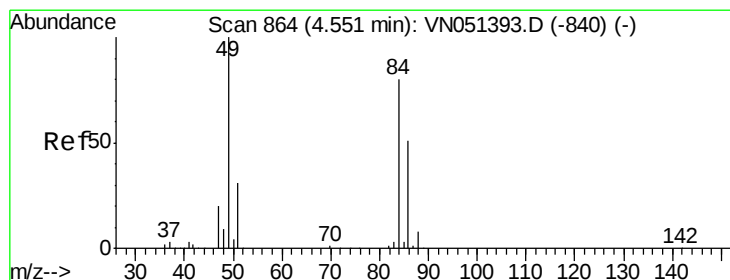
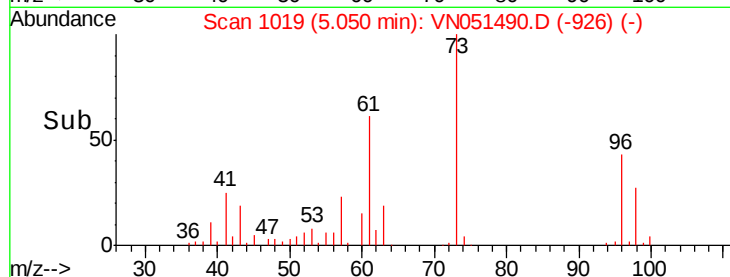
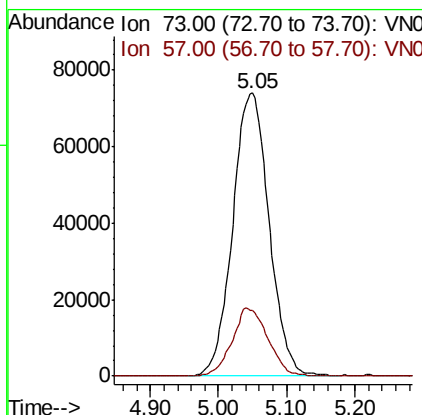
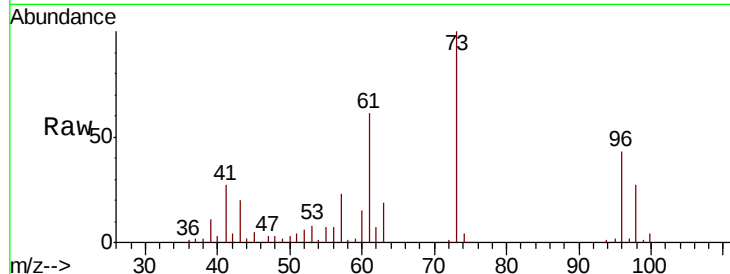
Methyl tert-butyl Ether
 Concen: 18.566 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.3	27.5

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 APPROVED

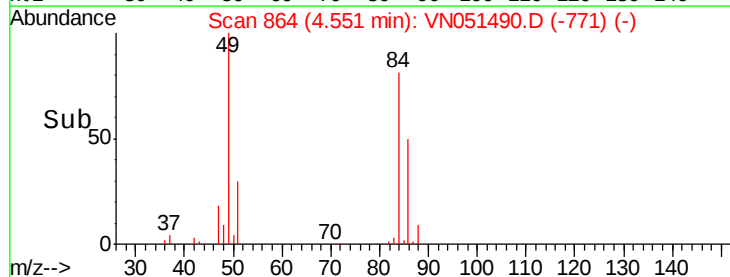
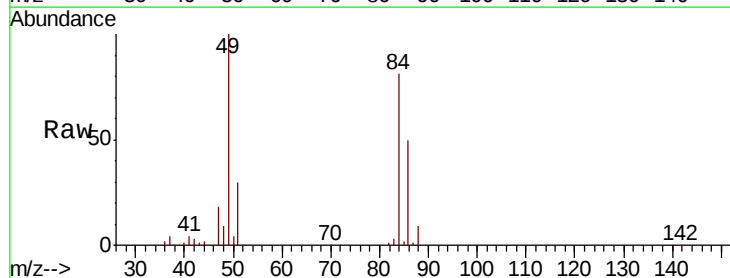
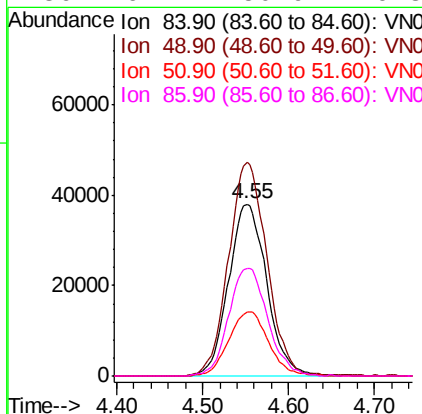
mmdadoda
 9/30/2018 9:53:37 AM

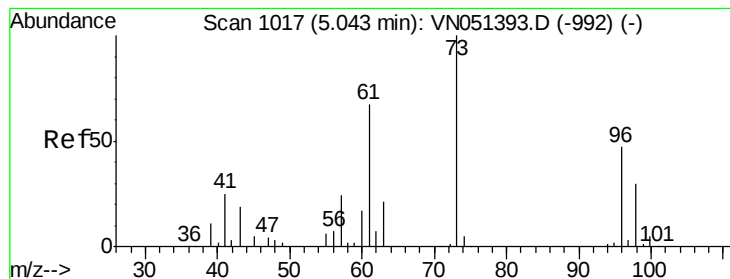


#20

Methylene Chloride
 Concen: 18.388 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	99.9	149.9
51	37.0	31.4	47.2
86	62.2	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 17.956 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 96 Resp: 105066

Ion Ratio Lower Upper

96 100

61 138.8 113.4 170.2

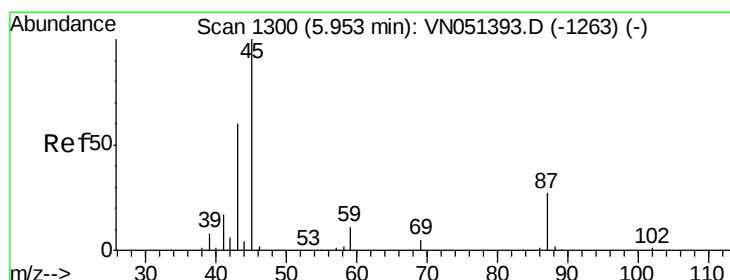
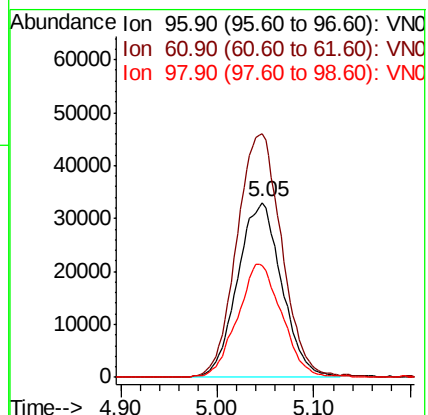
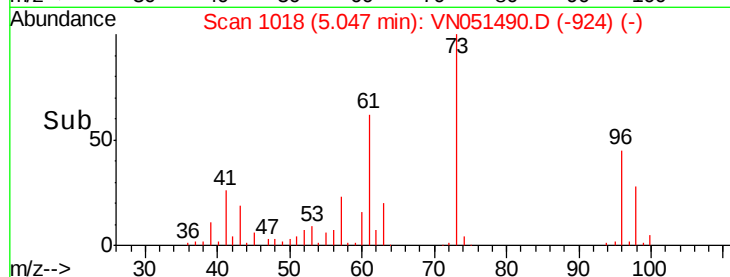
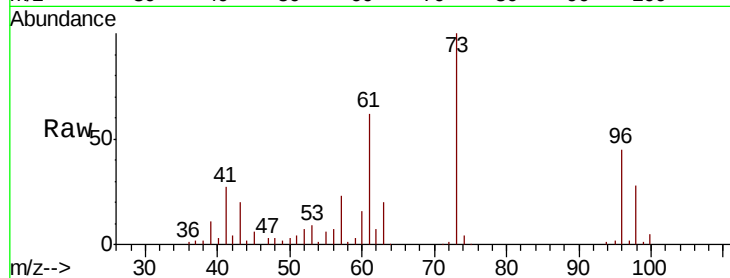
98 63.6 51.1 76.7

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#22

Diisopropyl ether

Concen: 19.904 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion: 45 Resp: 369234

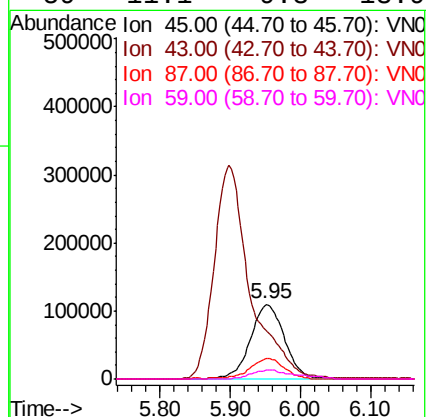
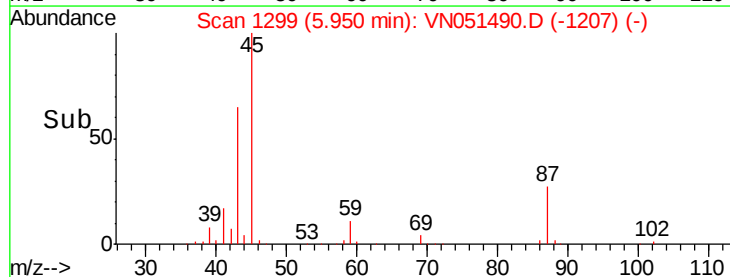
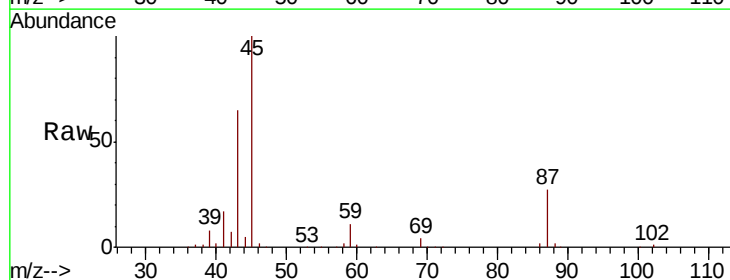
Ion Ratio Lower Upper

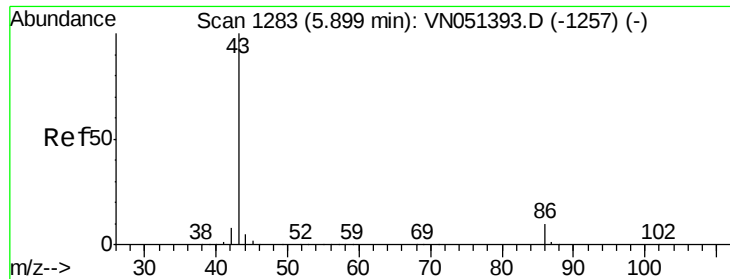
45 100

43 63.0 47.7 71.5

87 27.1 22.0 33.0

59 11.1 9.3 13.9





#23

Vinyl Acetate

Concen: 91.874 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 43 Resp: 1118915

Ion Ratio Lower Upper

43 100

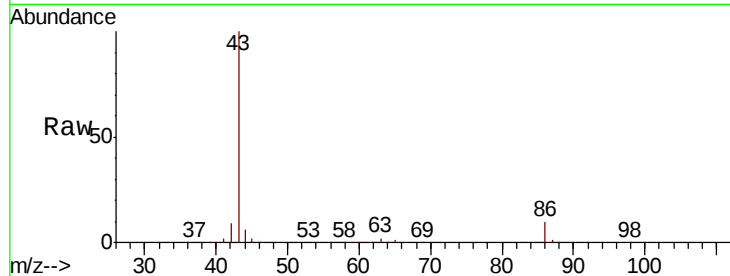
86 9.9 8.2 12.2

Manual Integrations

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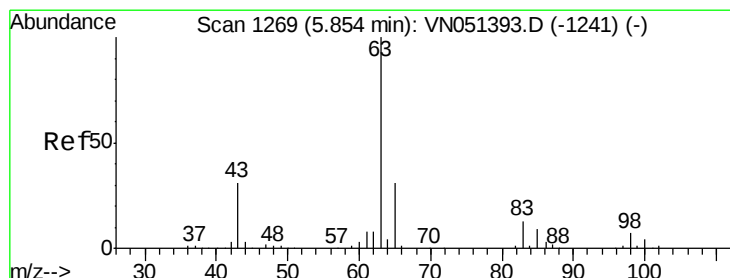
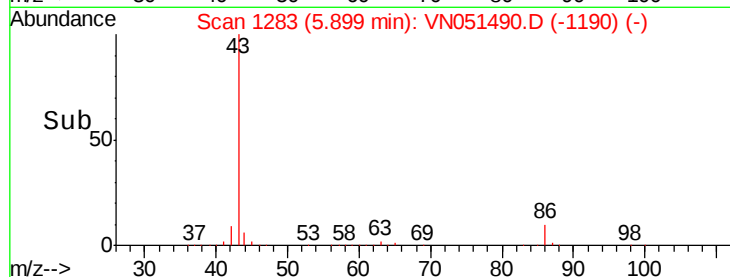
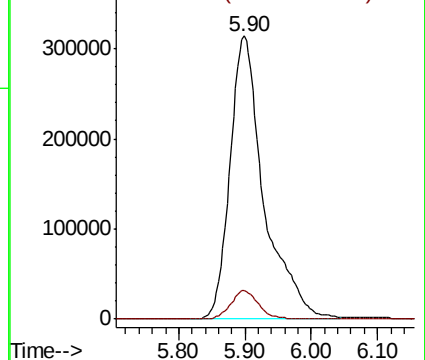
mmdadoda

9/30/2018 9:53:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.539 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

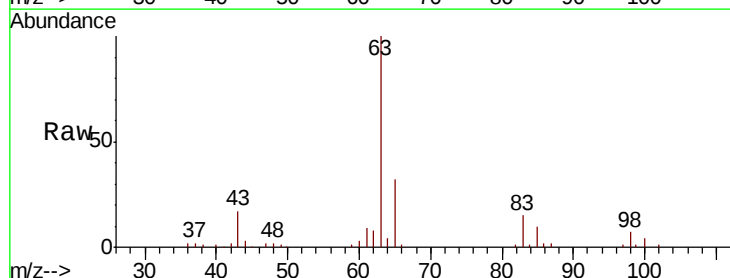
Tgt Ion: 63 Resp: 216261

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

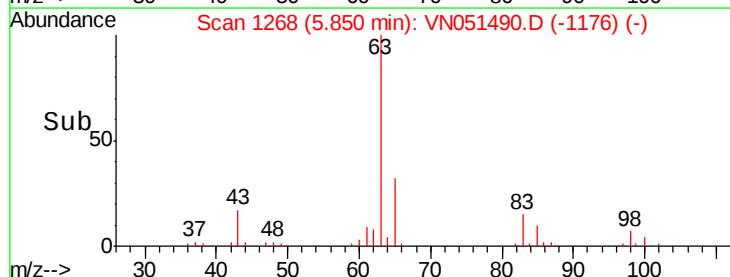
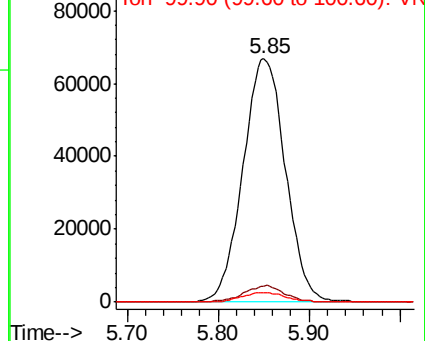
100 3.8 2.2 6.6

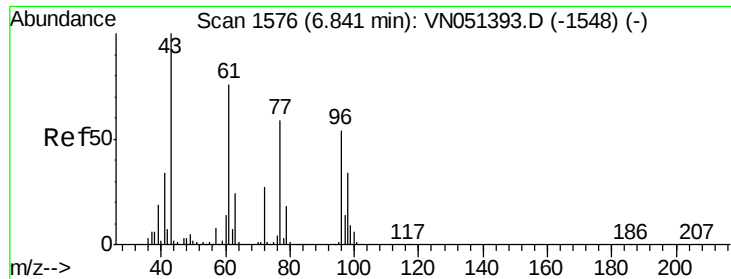


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 90.599 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 43 Resp: 199706

Ion Ratio Lower Upper

43 100

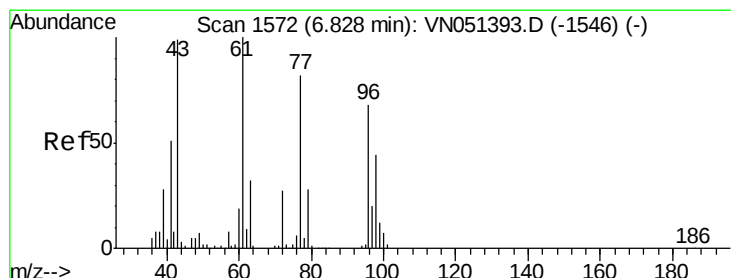
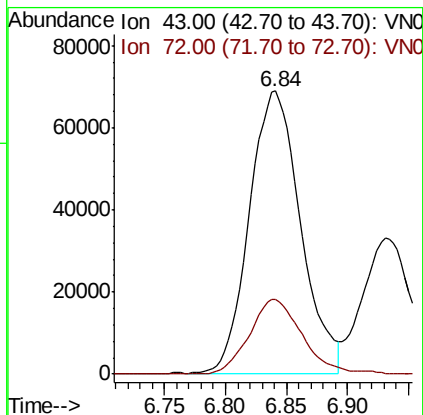
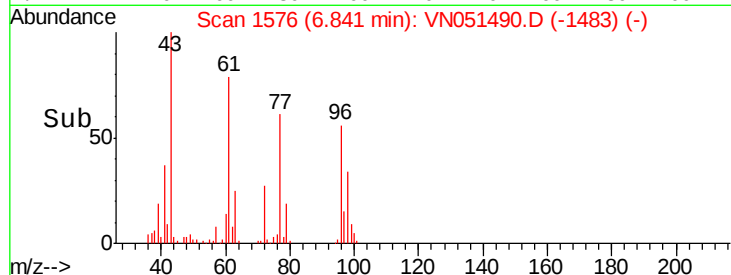
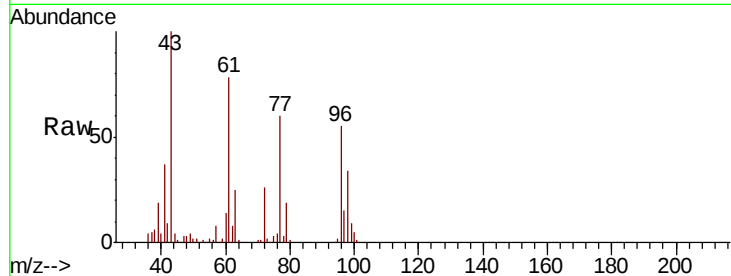
72 26.6 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 19.682 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051490.D

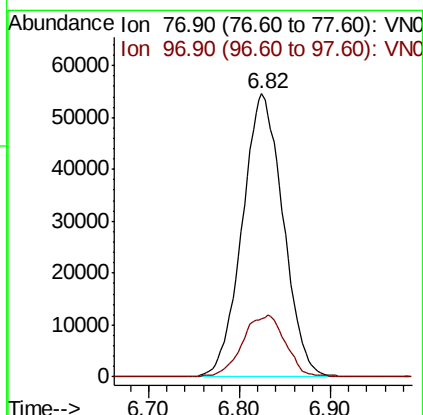
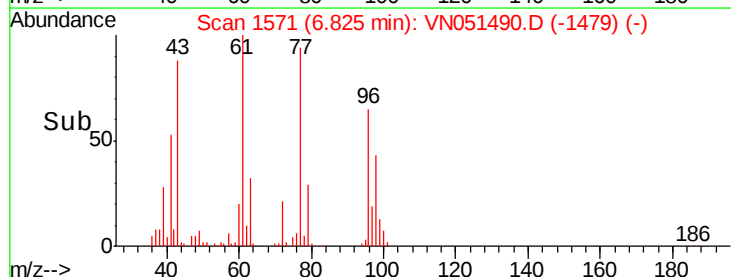
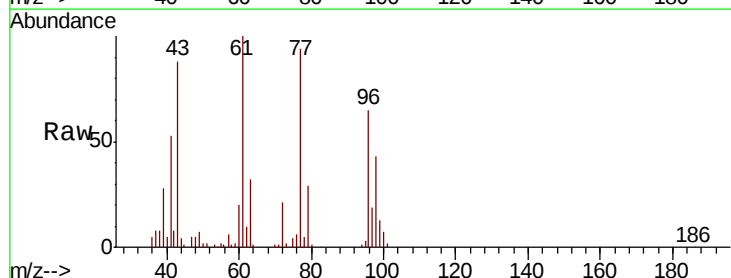
Acq: 25 Sep 2018 18:19

Tgt Ion: 77 Resp: 170052

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 18.671 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

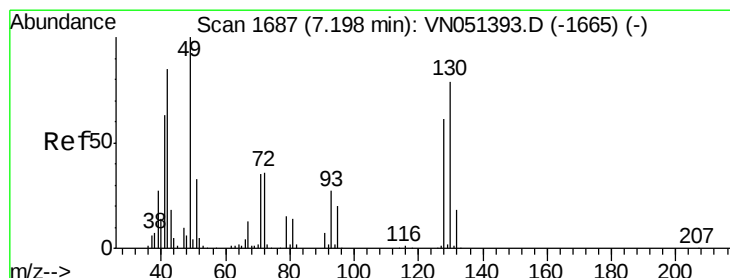
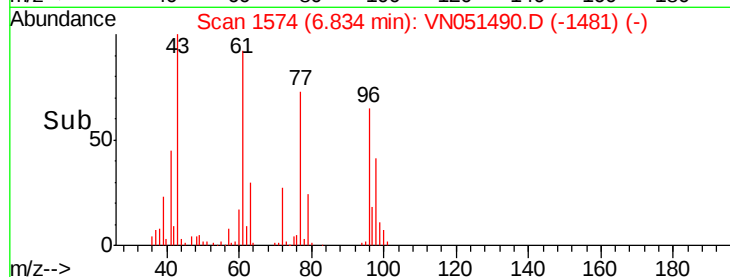
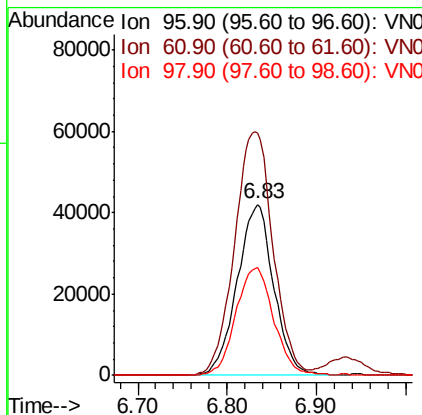
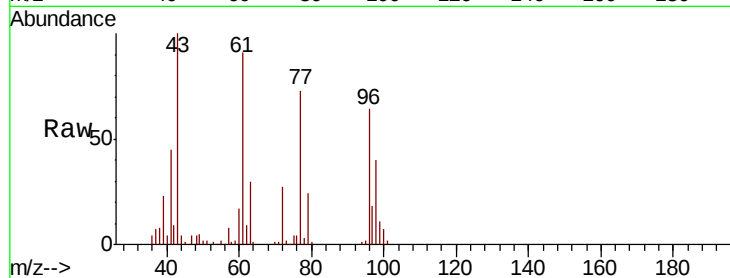
ClientSampleId :

VN0926WBS01

Tgt Ion:	96	Resp:	119879
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	291.4
98	65.3	0.0	128.4

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#28

Bromochloromethane

Concen: 19.749 ug/l

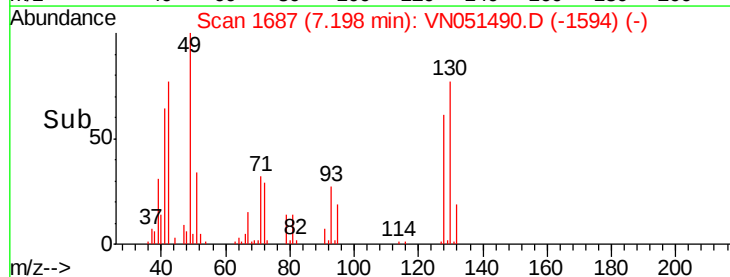
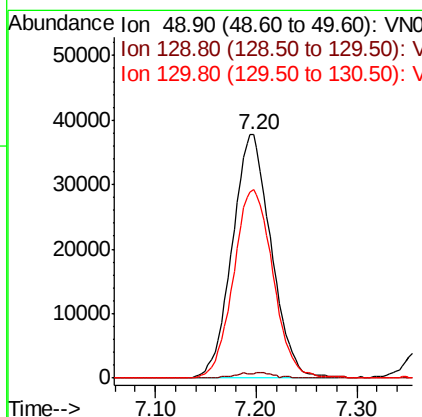
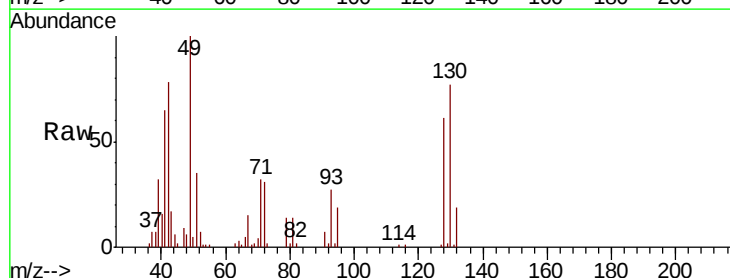
RT: 7.20 min Scan# 1687

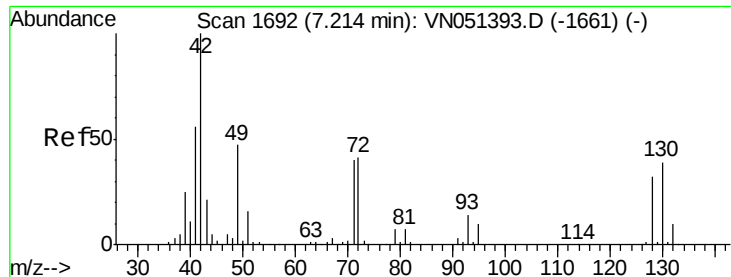
Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	49	Resp:	100941
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	78.5	63.0	94.4





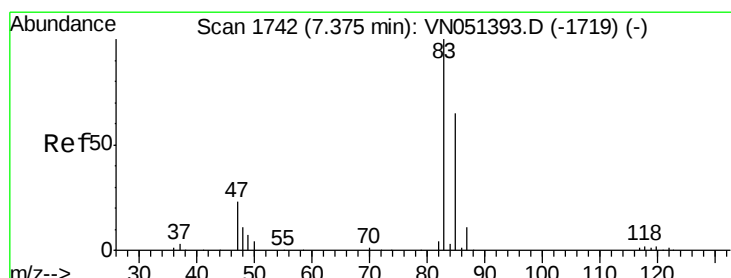
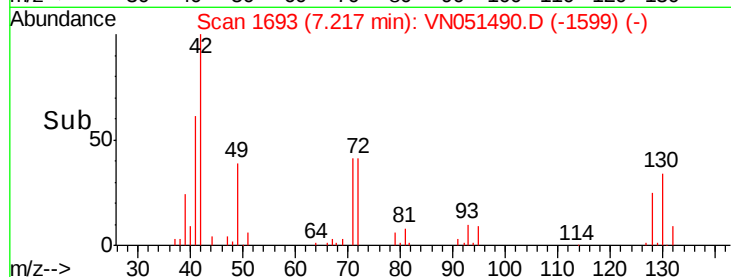
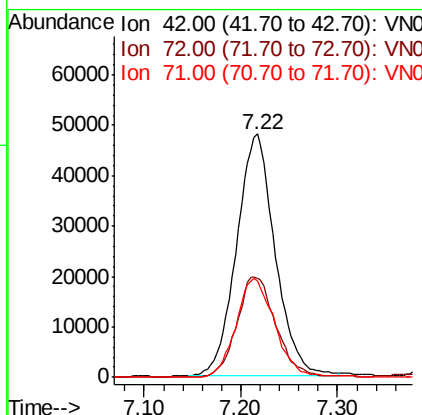
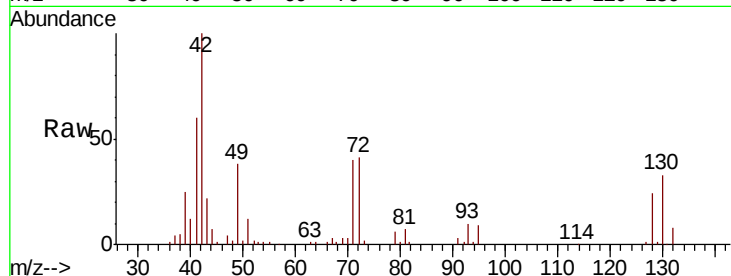
#29
Tetrahydrofuran
Concen: 94.541 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.3	51.5
71	41.1	32.2	48.4

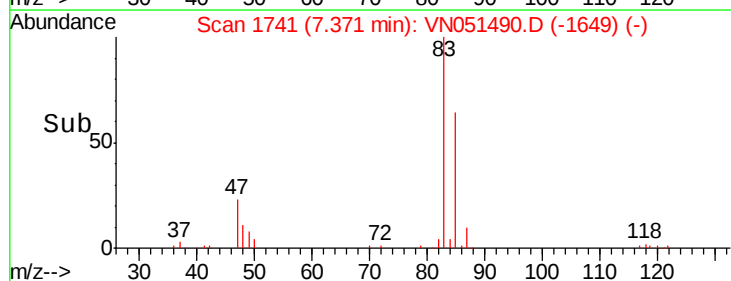
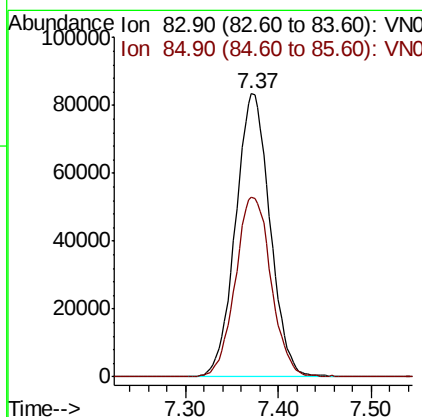
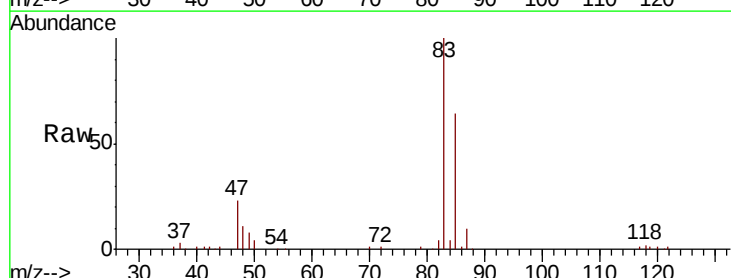
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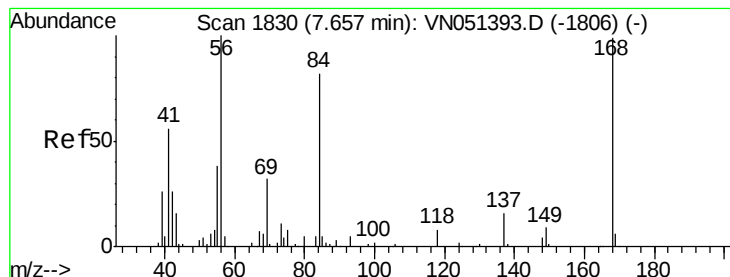
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#30
Chloroform
Concen: 19.638 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6





#31

Cyclohexane

Concen: 17.974 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 56 Resp: 182275

Ion Ratio Lower Upper

56 100

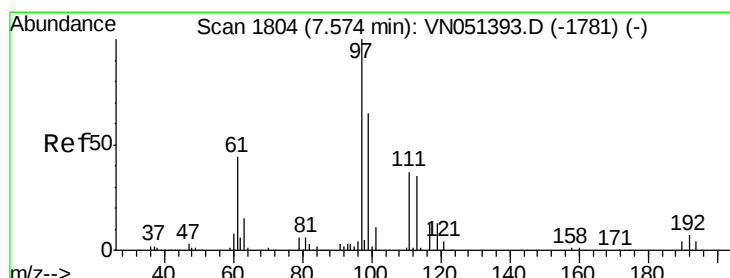
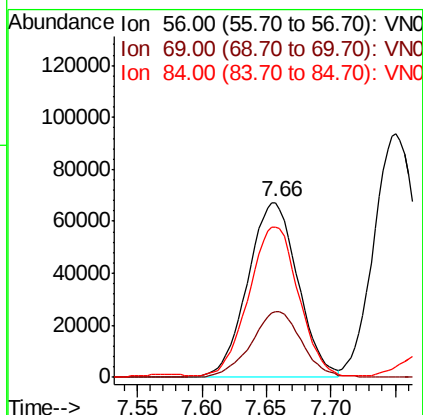
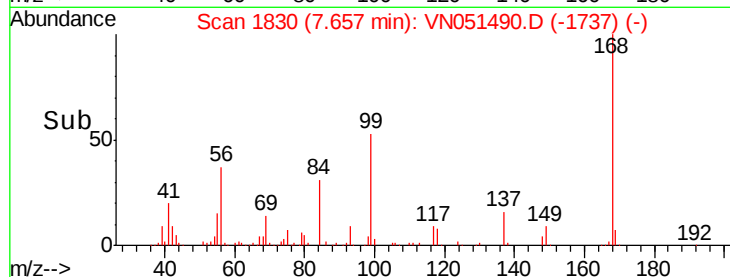
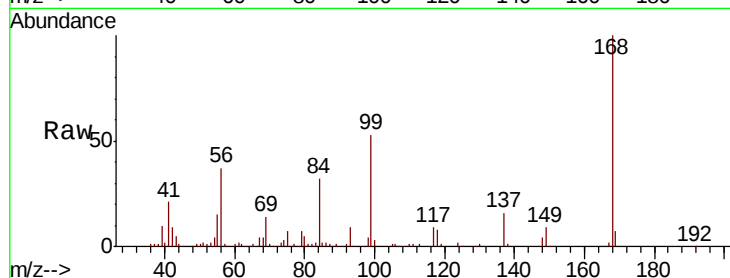
69 37.8 25.8 38.6

84 84.9 66.0 99.0

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#32

1,1,1-Trichloroethane

Concen: 19.610 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

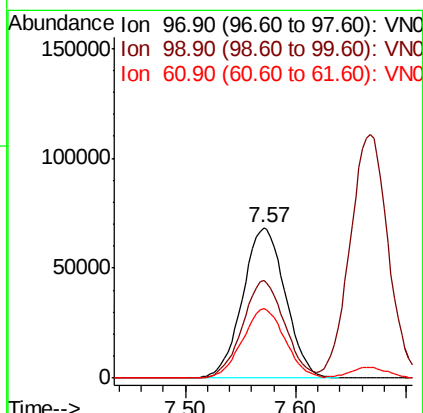
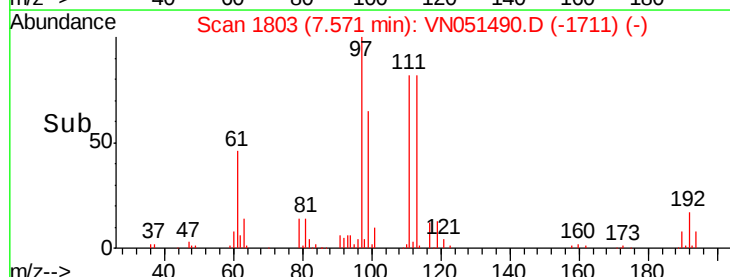
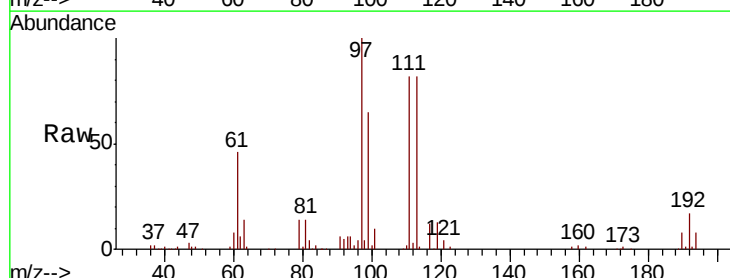
Tgt Ion: 97 Resp: 183863

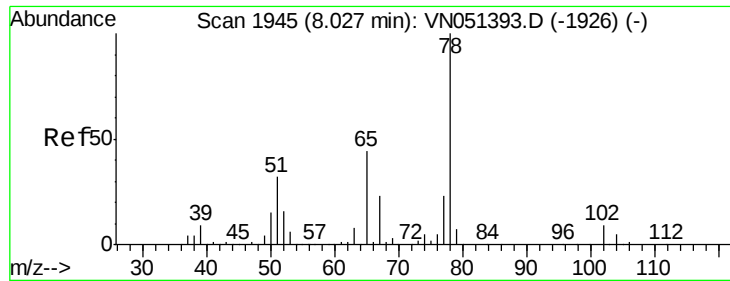
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 45.8 35.8 53.8





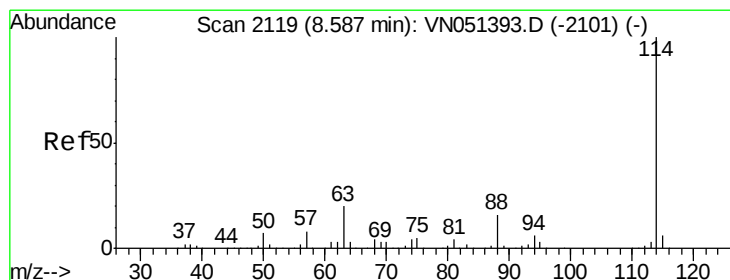
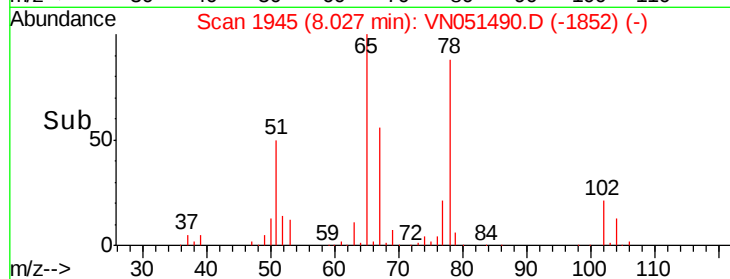
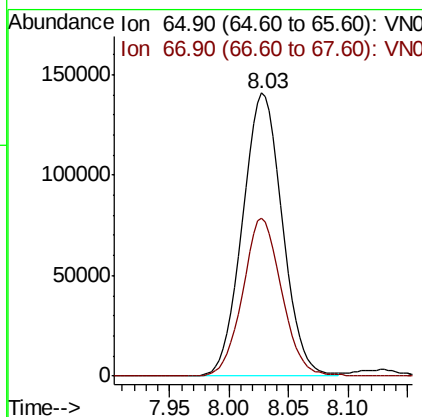
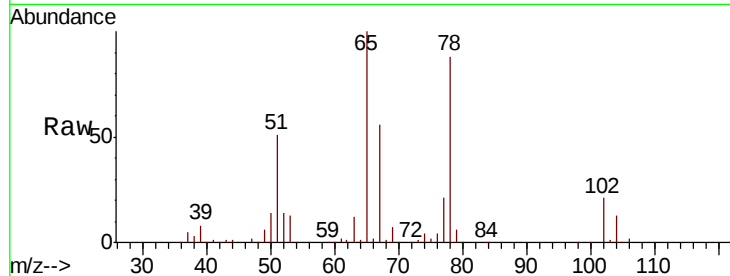
#33
 1,2-Dichloroethane-d4
 Concen: 50.794 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion: 65 Resp: 327117
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.8

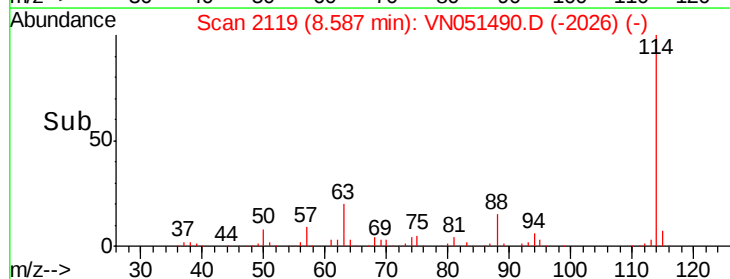
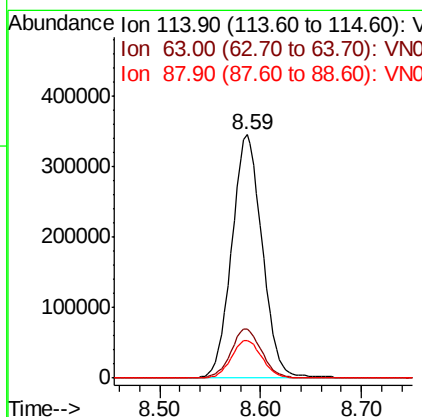
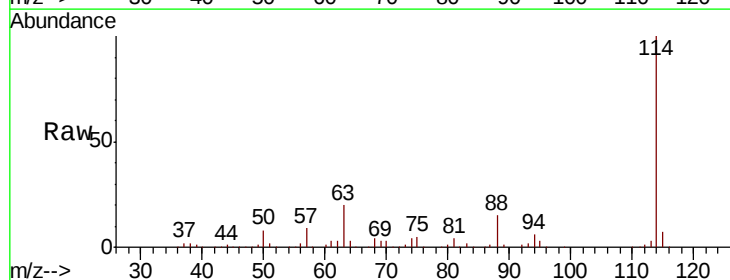
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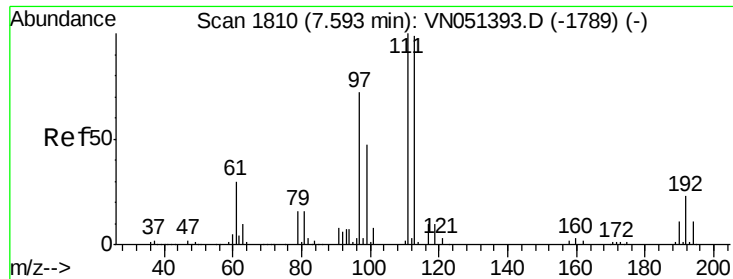
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 114 Resp: 722531
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.5 0.0 31.4





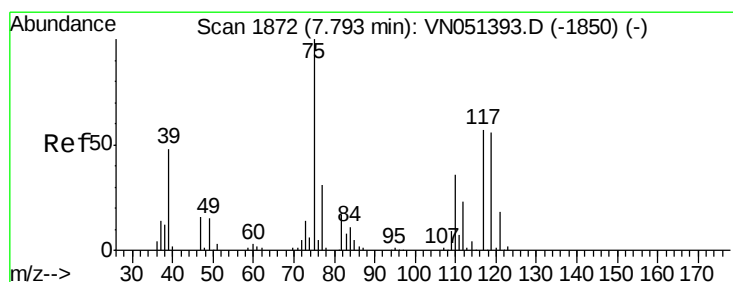
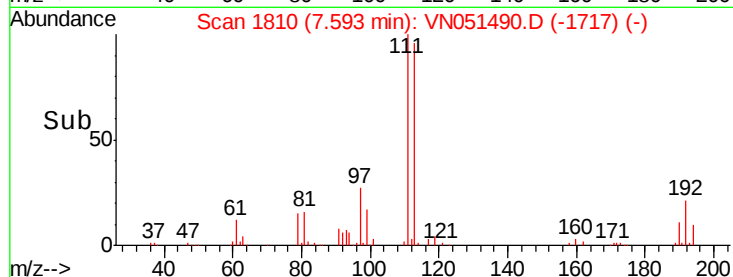
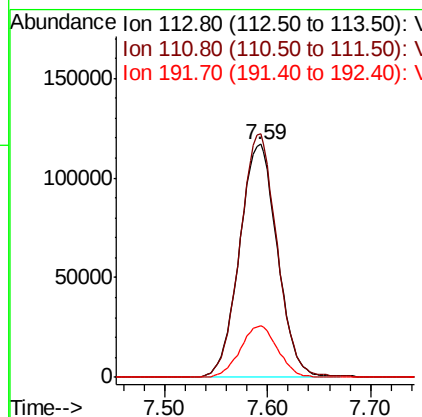
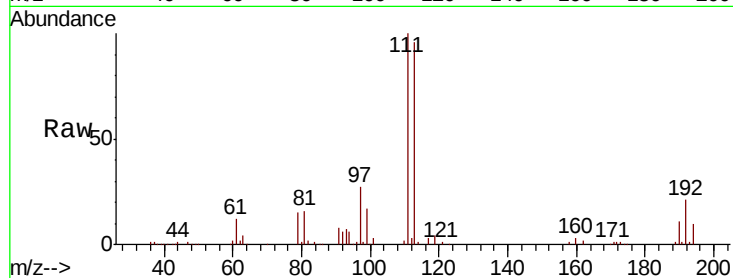
#35
Dibromofluoromethane
Concen: 51.682 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	298604		
111	101.8	82.6	123.8	
192	21.9	18.0	27.0	

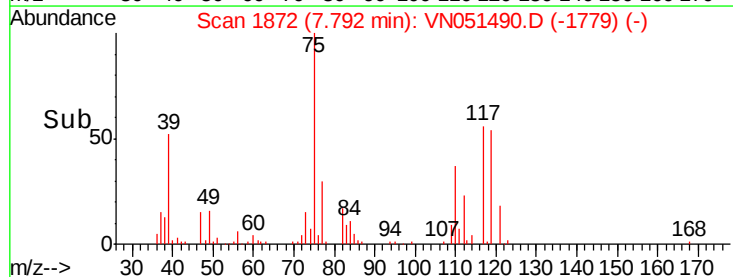
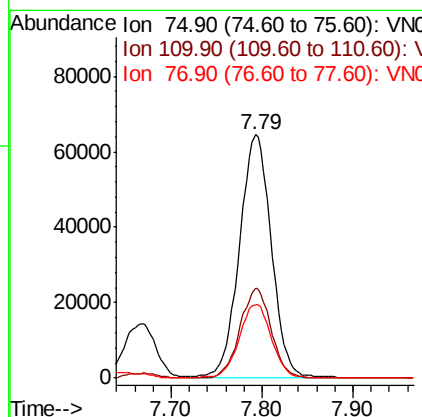
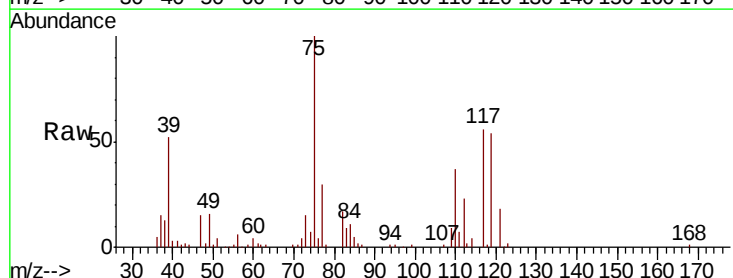
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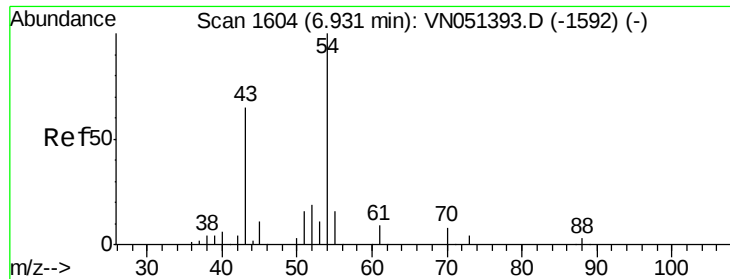
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#36
1,1-Dichloropropene
Concen: 18.646 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156014		
110	36.2	18.1	54.3	
77	31.0	25.6	38.4	





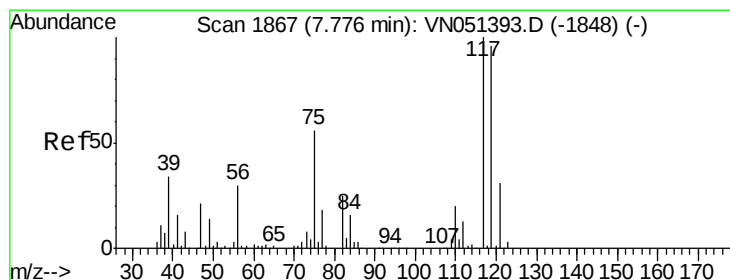
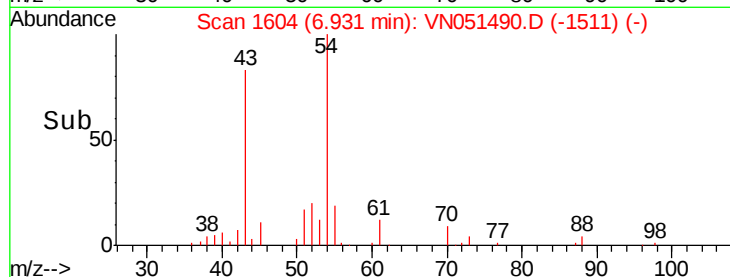
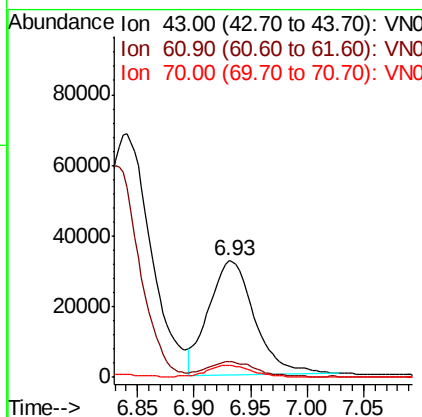
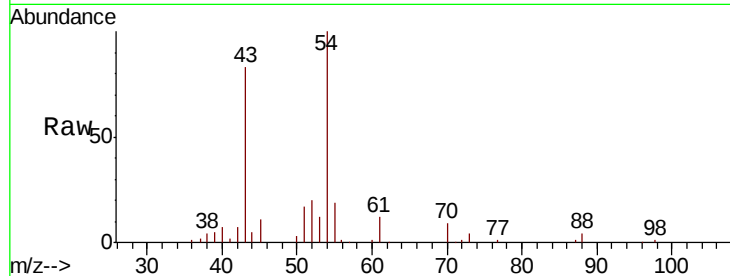
#37
 Ethyl Acetate
 Concen: 19.040 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	10.4	7.9	11.9

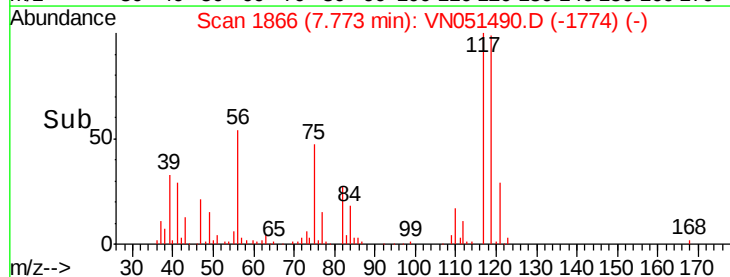
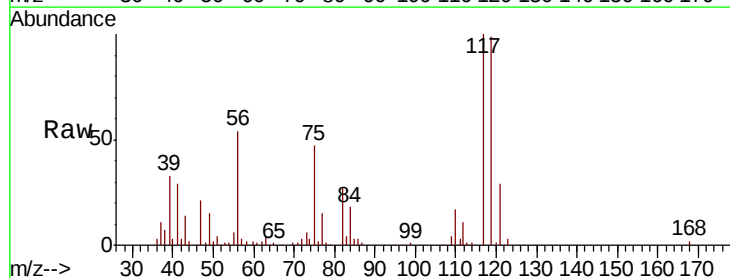
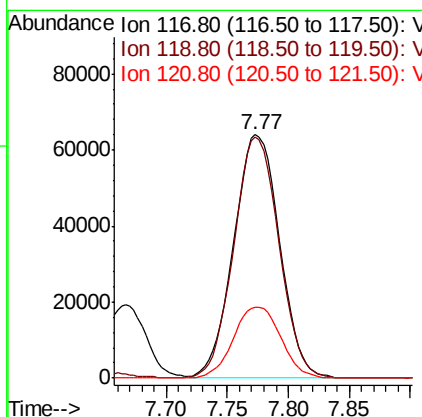
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#38
 Carbon Tetrachloride
 Concen: 18.979 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.9	115.3
121	29.3	24.6	37.0





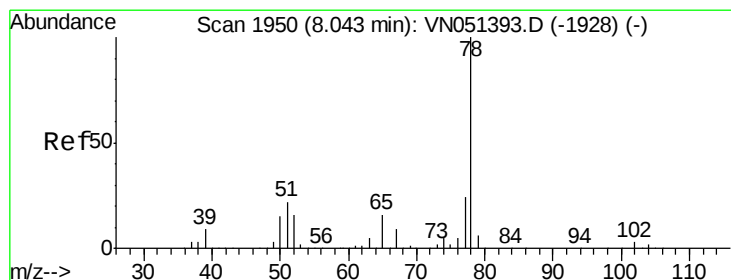
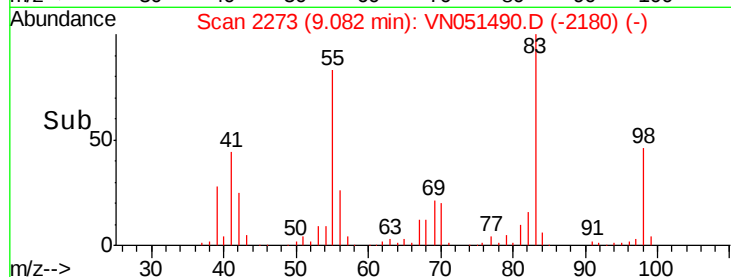
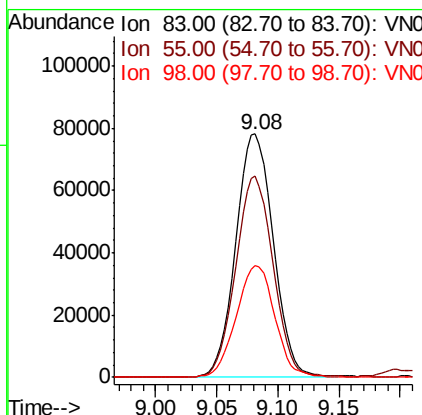
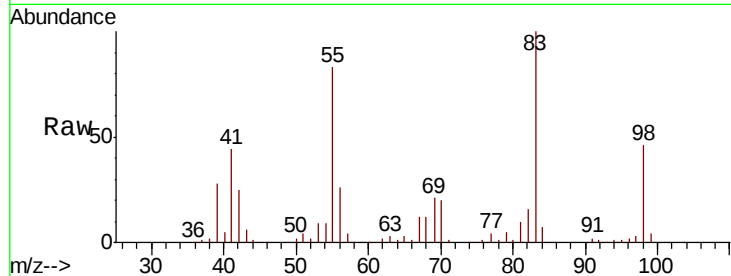
#39
Methylcyclohexane
Concen: 17.086 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.5	61.0	91.4
98	45.9	35.6	53.4

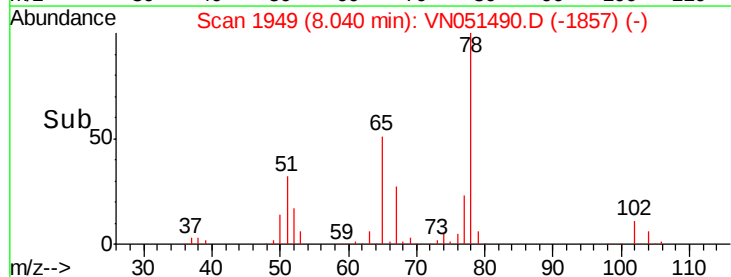
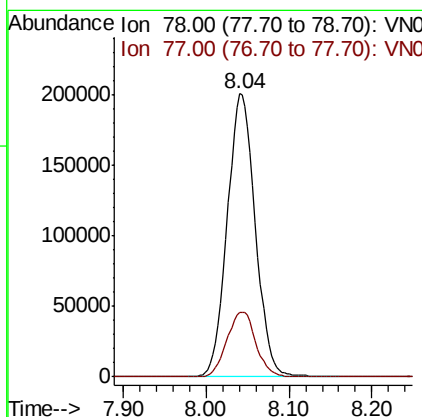
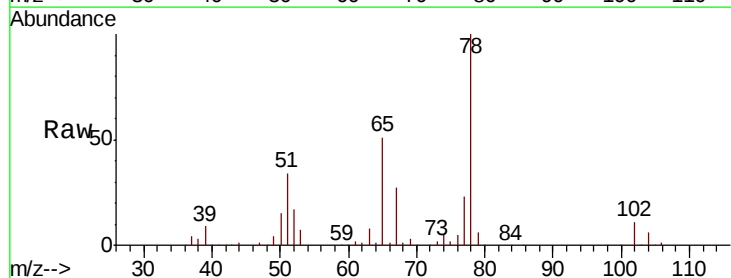
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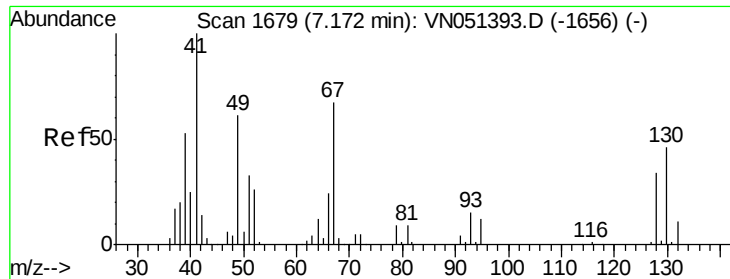
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#40
Benzene
Concen: 19.228 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





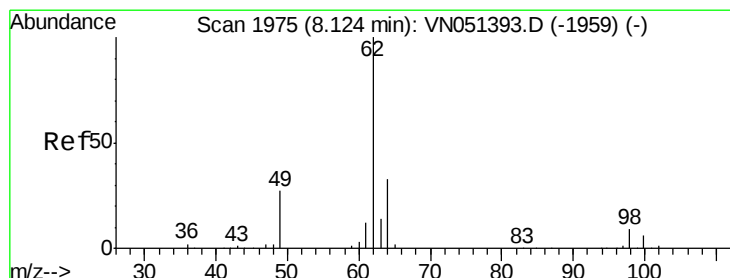
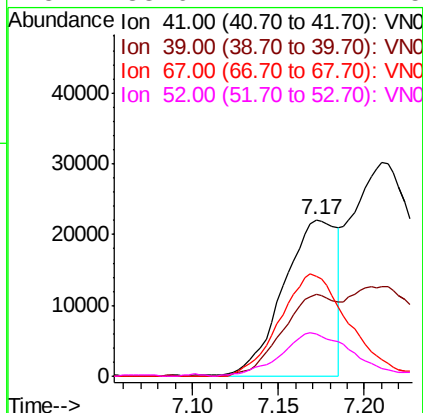
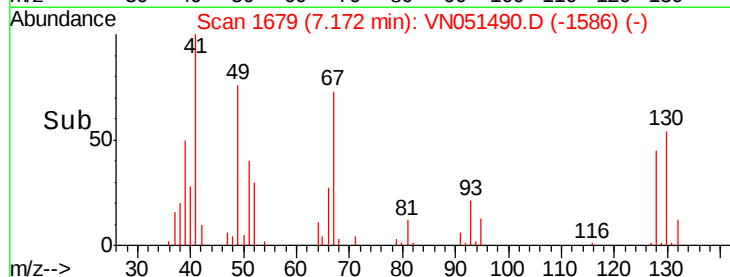
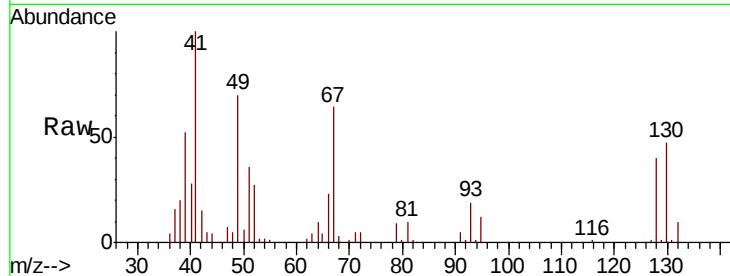
#41
Methacrylonitrile
Concen: 17.976 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.0	51.4	77.2
67	84.2	66.8	100.2
52	38.6	27.7	41.5

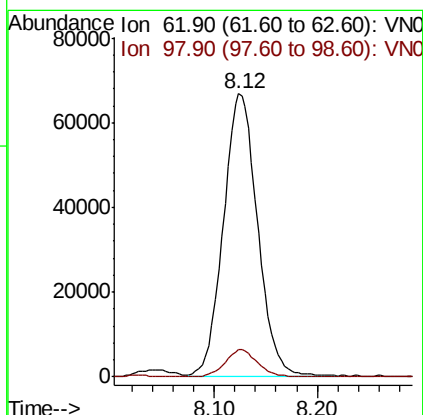
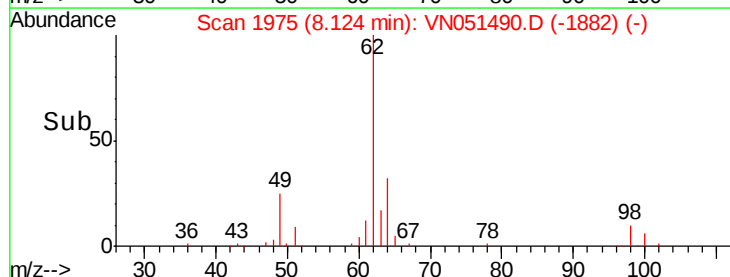
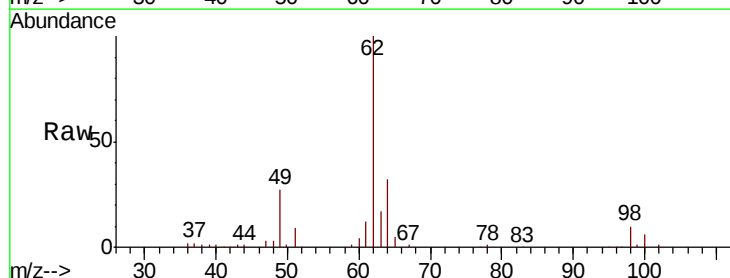
Manual Integrations
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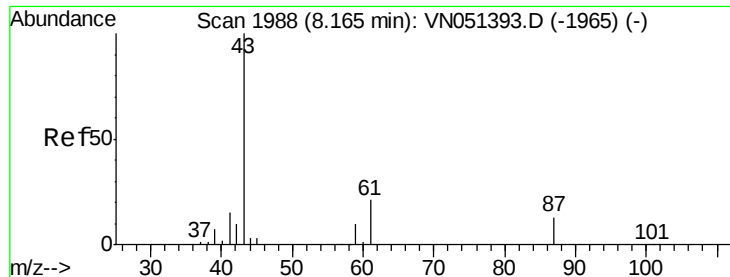
mmdadoda
9/30/2018 9:53:37 AM



#42
1,2-Dichloroethane
Concen: 19.501 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 18.885 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

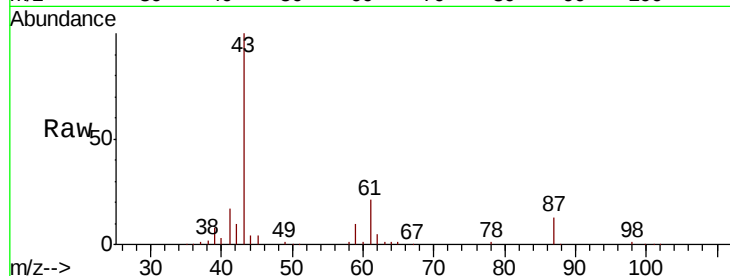
ClientSampleId :

VN0926WBS01

Tgt Ion:	43	Resp:	164281
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	13.5	10.7	16.1

Manual Integrations
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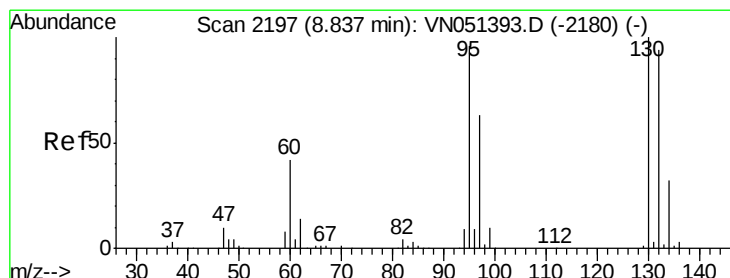
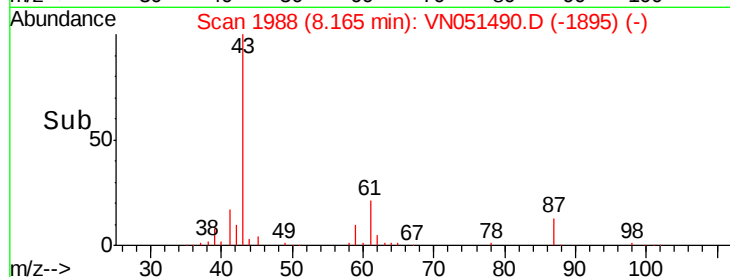
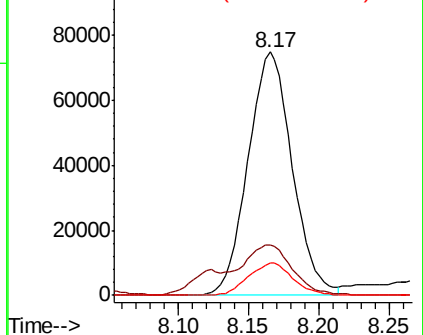
mmdadoda
9/30/2018 9:53:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



#44

Trichloroethene

Concen: 18.584 ug/l

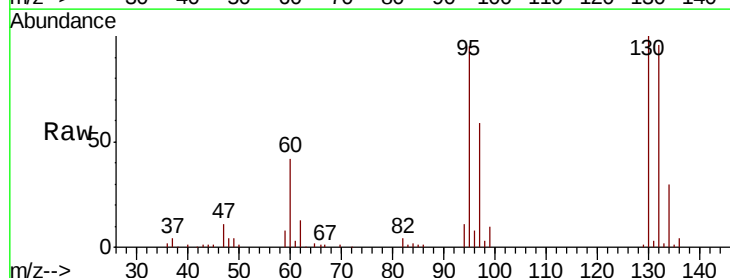
RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051490.D

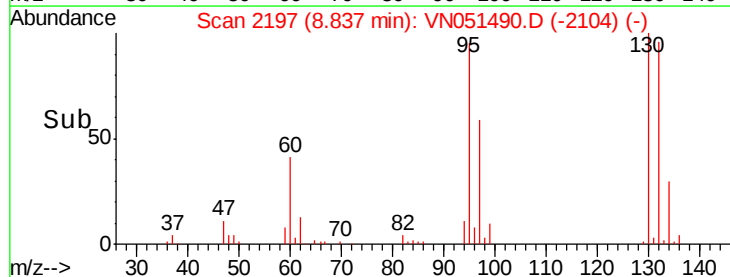
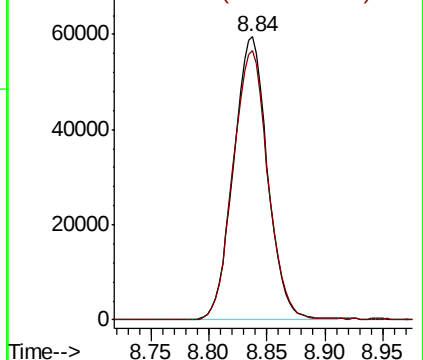
Acq: 25 Sep 2018 18:19

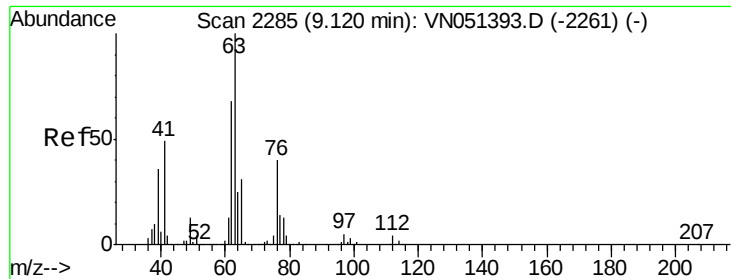
Tgt Ion:	130	Resp:	121270
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.544 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 63 Resp: 130522

Ion Ratio Lower Upper

63 100

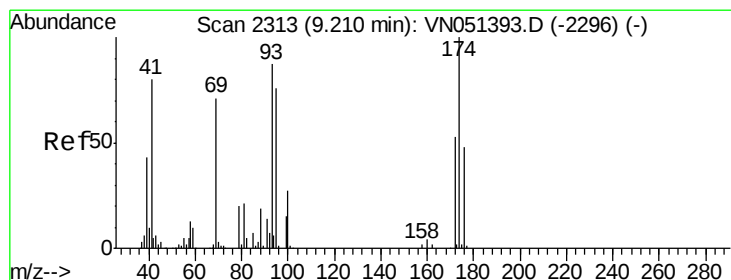
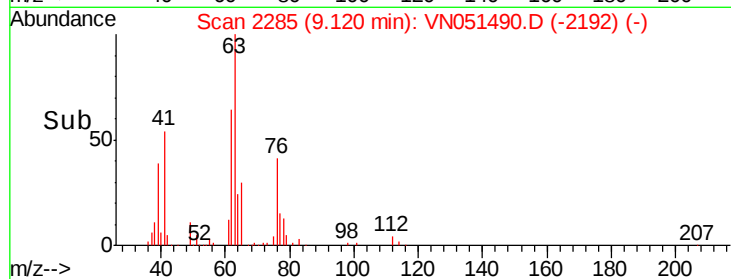
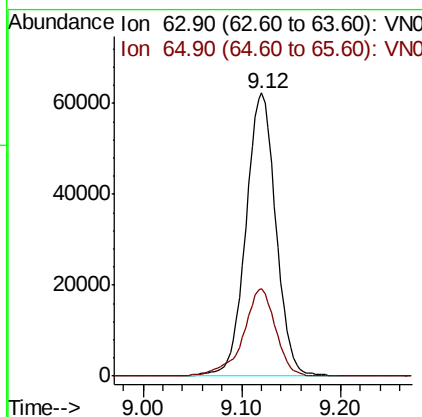
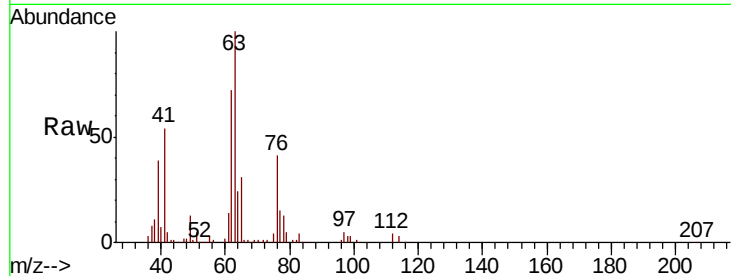
65 30.8 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 18.999 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

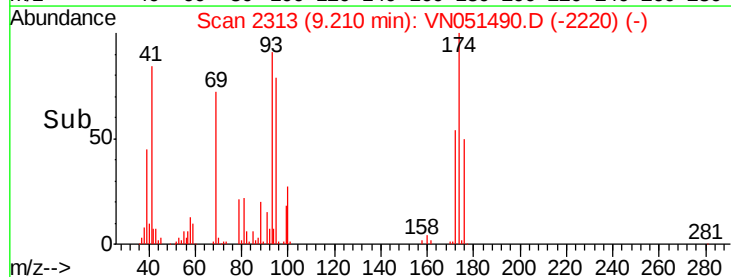
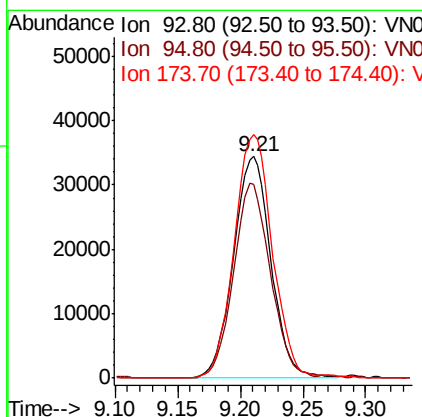
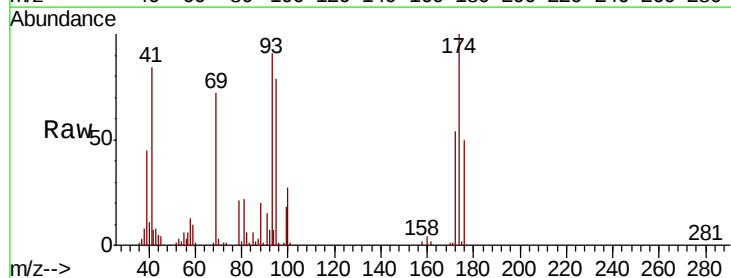
Tgt Ion: 93 Resp: 71688

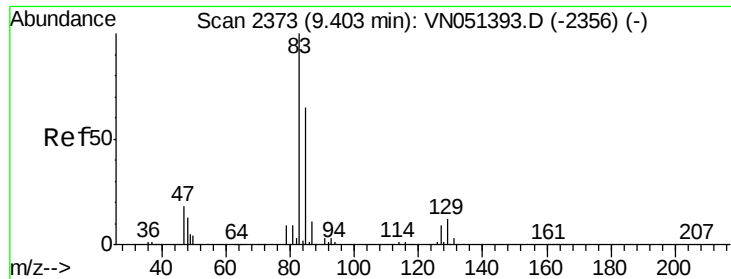
Ion Ratio Lower Upper

93 100

95 86.3 67.6 101.4

174 112.4 89.6 134.4





#47

Bromodichloromethane

Concen: 19.373 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

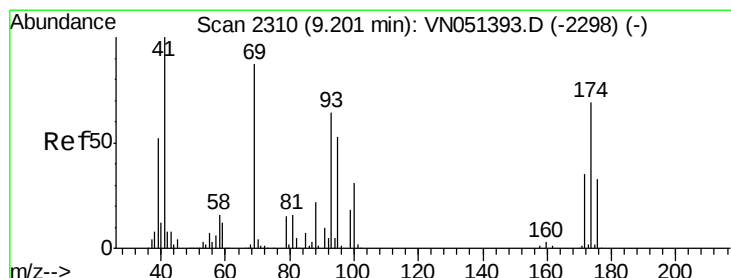
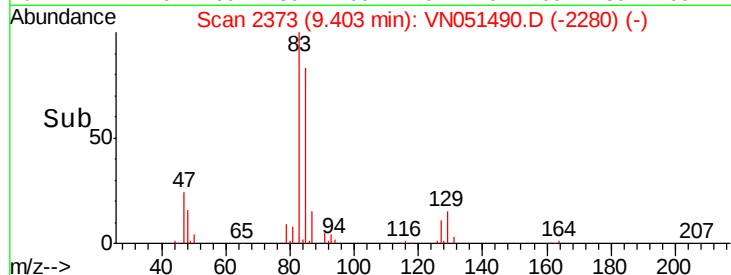
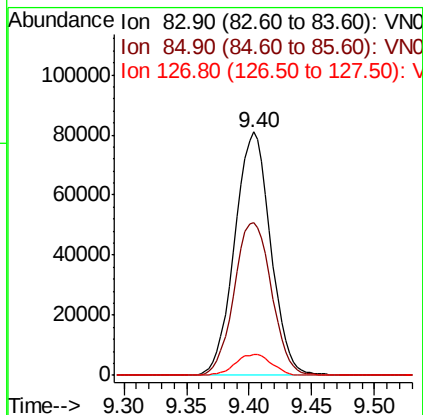
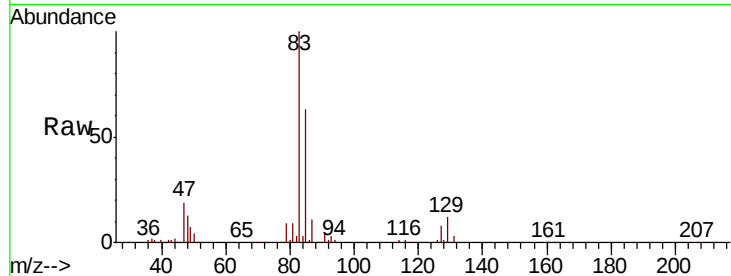
ClientSampleId :

VN0926WBS01

Tgt Ion:	83	Resp:	161767
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.6
127	8.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.761 ug/l

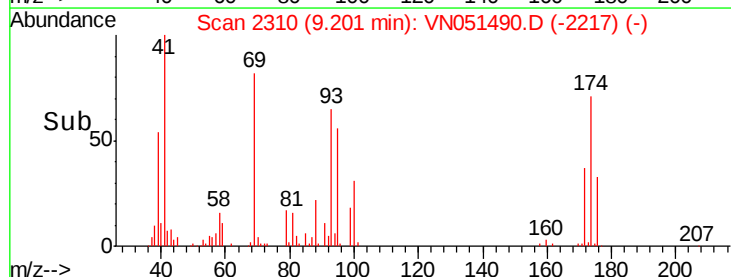
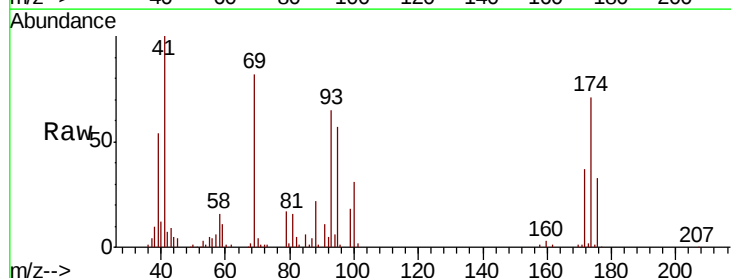
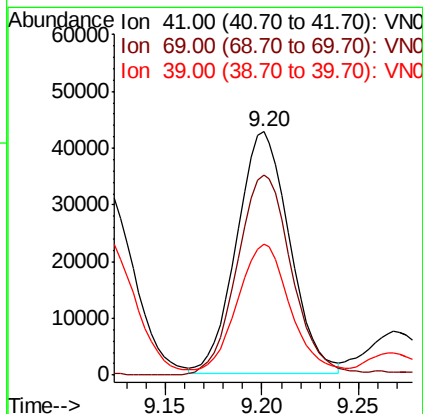
RT: 9.20 min Scan# 2310

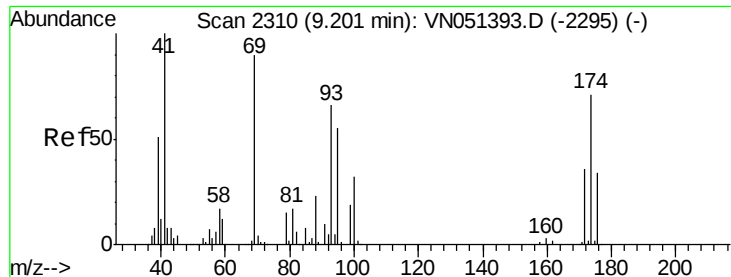
Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	41	Resp:	81367
Ion	Ratio	Lower	Upper
41	100		
69	85.0	70.4	105.6
39	54.2	43.8	65.8





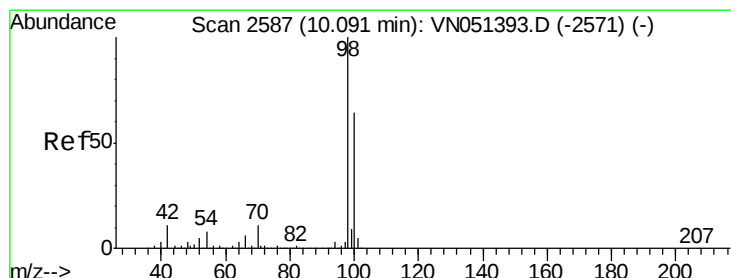
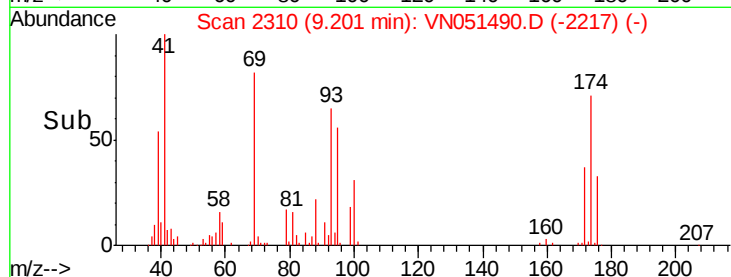
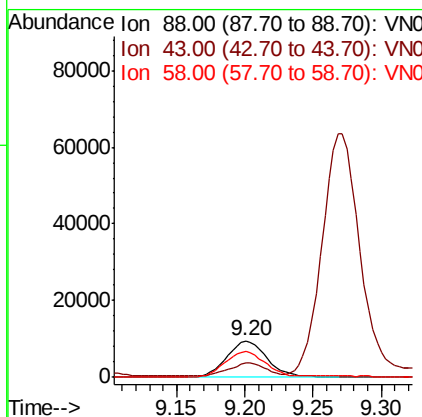
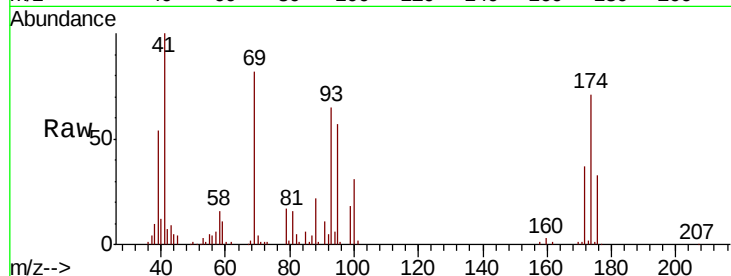
#49
1,4-Dioxane
Concen: 371.152 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.9	38.9
58	70.9	57.0	85.4

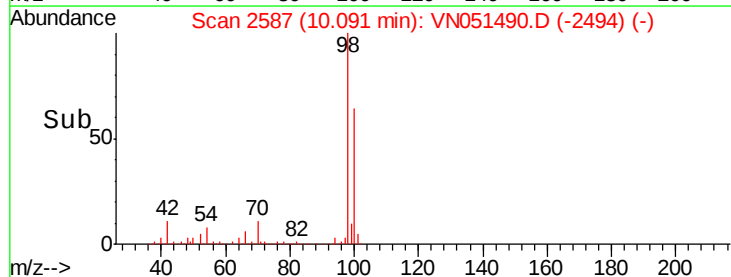
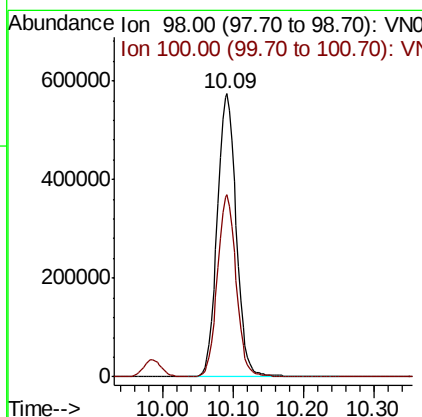
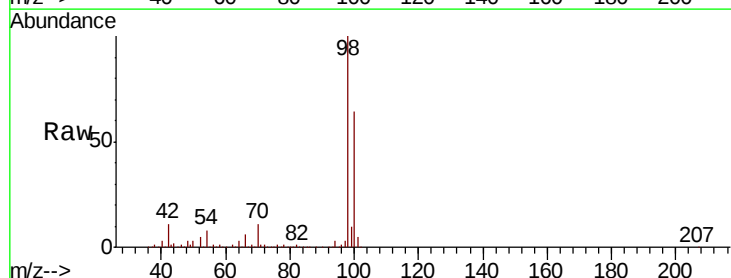
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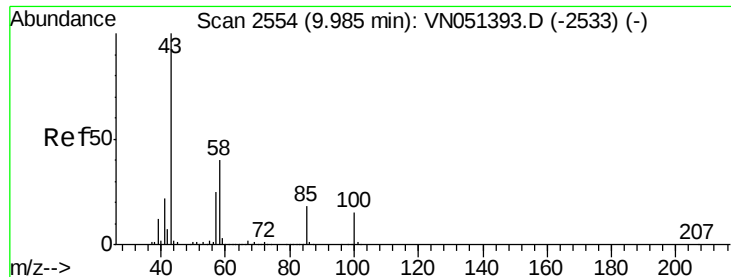
mmdadoda
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#50
Toluene-d8
Concen: 49.514 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.6	75.8





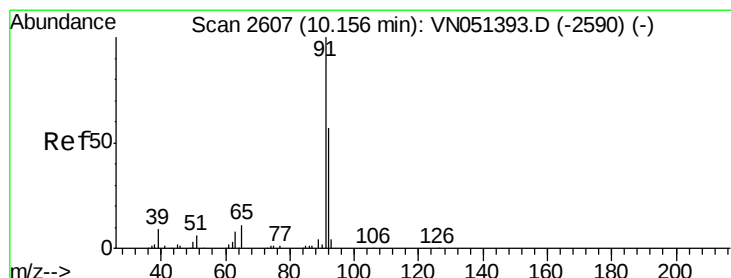
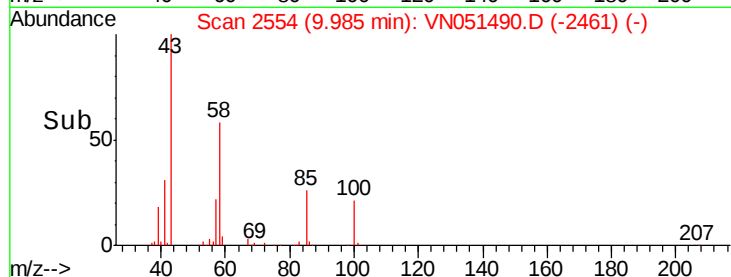
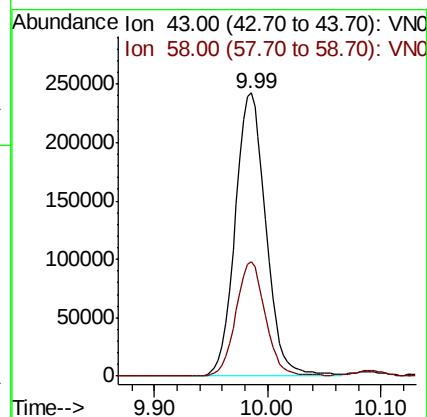
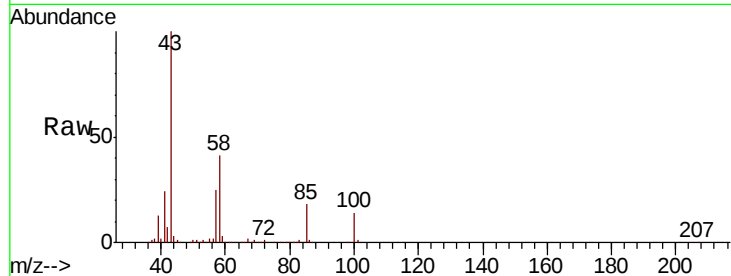
#51
 4-Methyl-2-Pentanone
 Concen: 95.436 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion: 43 Resp: 456586
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.5 47.3

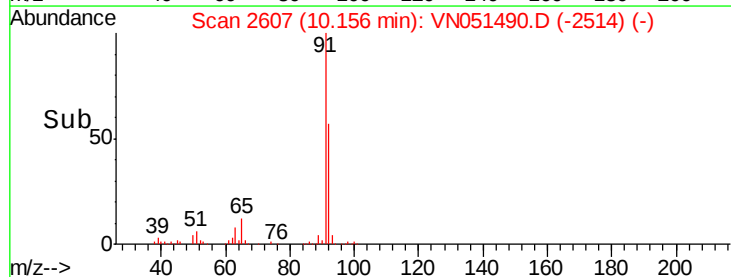
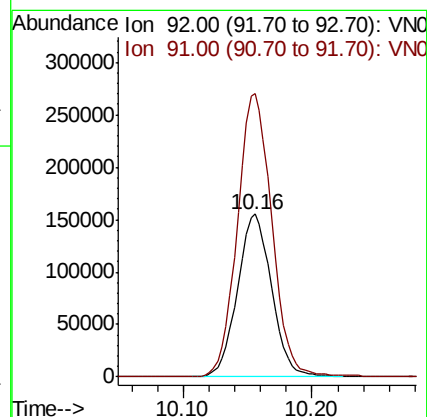
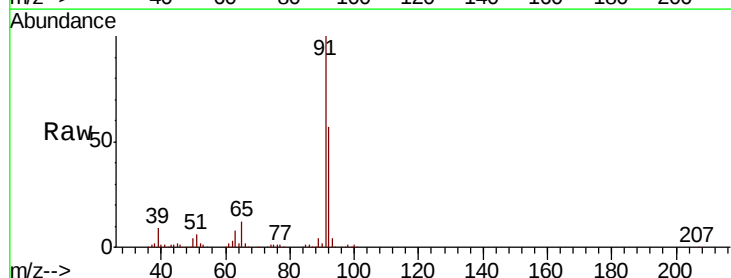
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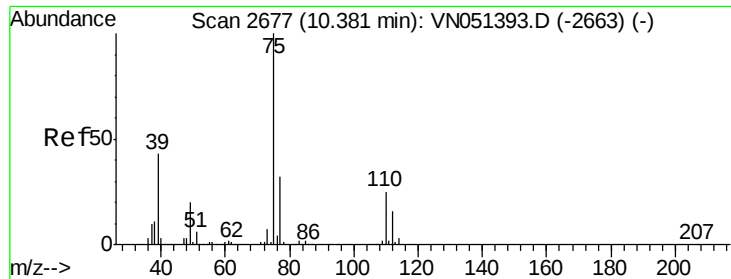
mmdadoda
 9/30/2018 9:53:37 AM



#52
 Toluene
 Concen: 18.640 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 92 Resp: 284589
 Ion Ratio Lower Upper
 92 100
 91 176.9 142.2 213.4





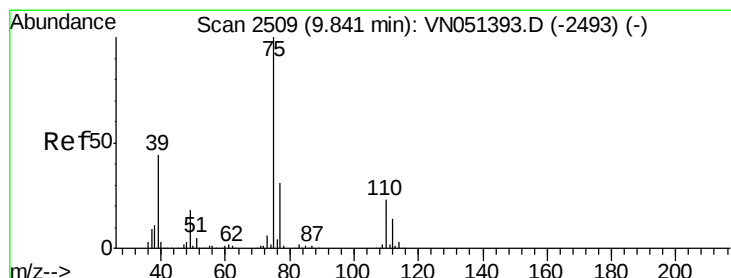
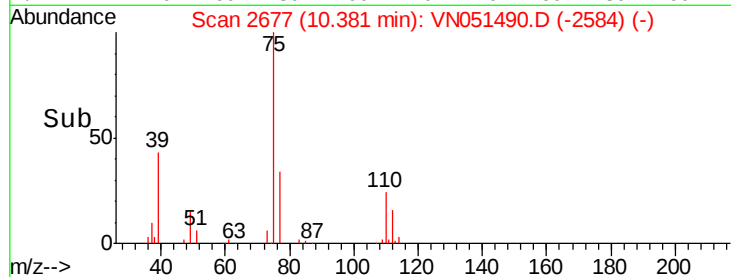
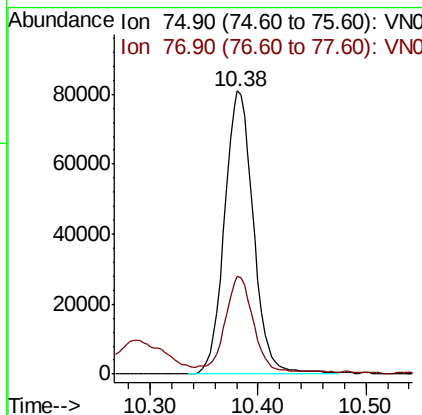
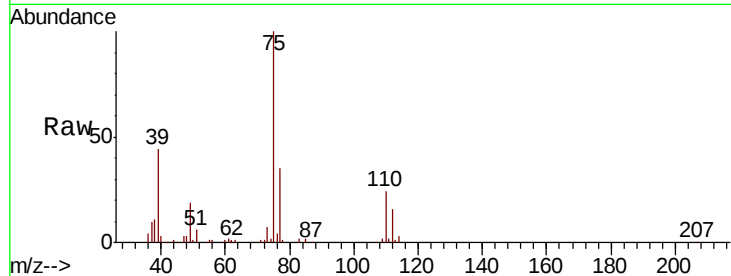
#53
t-1,3-Dichloropropene
Concen: 17.917 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion: 75 Resp: 151042
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8

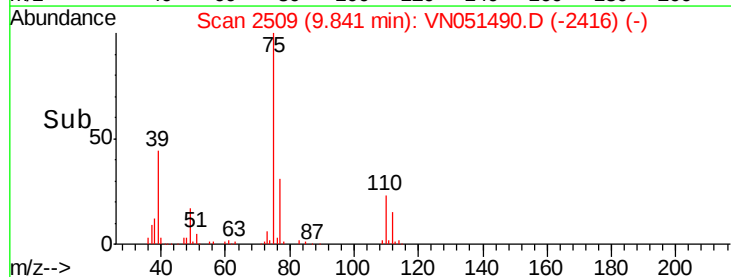
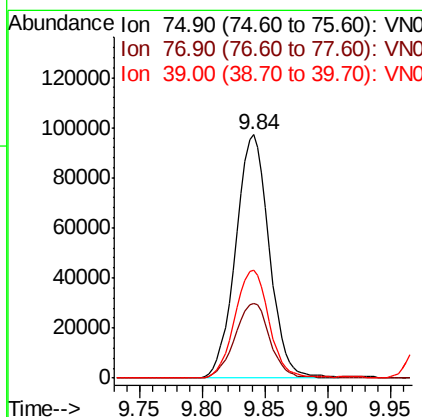
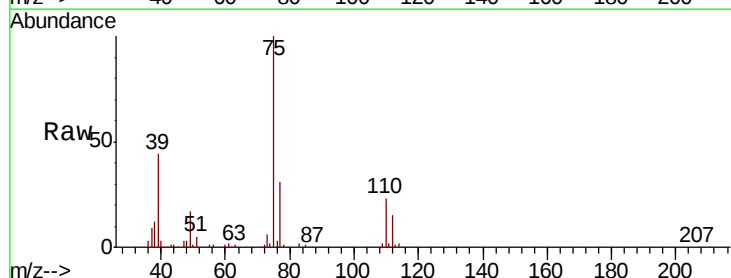
Manual Integrations
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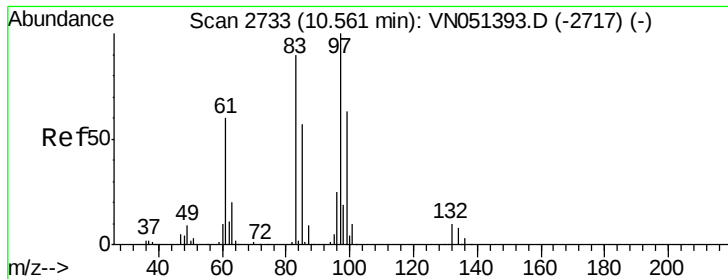
mmdadoda
9/30/2018 9:53:37 AM



#54
cis-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 75 Resp: 181223
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 44.2 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 19.781 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

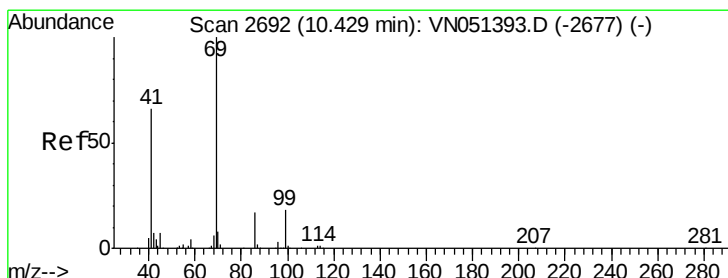
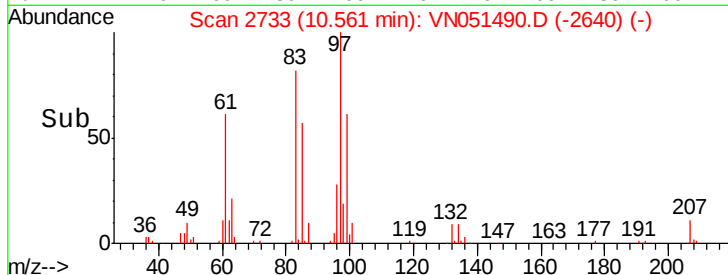
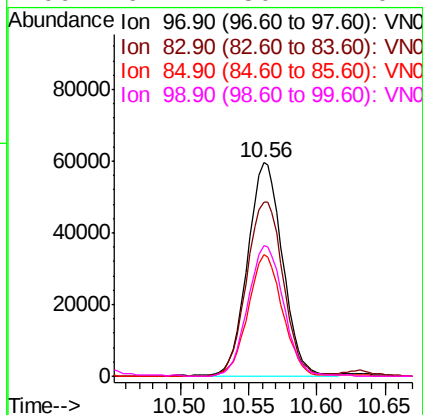
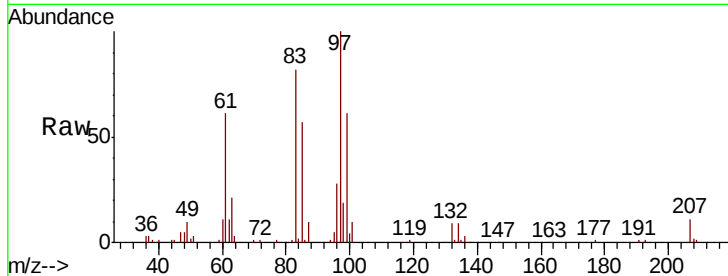
ClientSampleId :

VN0926WBS01

Tgt Ion:	97	Resp:	106734
Ion	Ratio	Lower	Upper
97	100		
83	81.5	72.0	108.0
85	57.0	45.2	67.8
99	61.1	50.7	76.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.188 ug/l

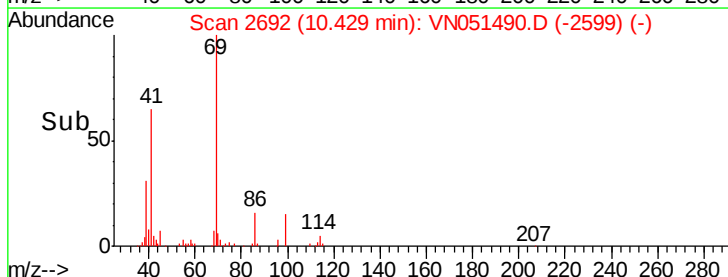
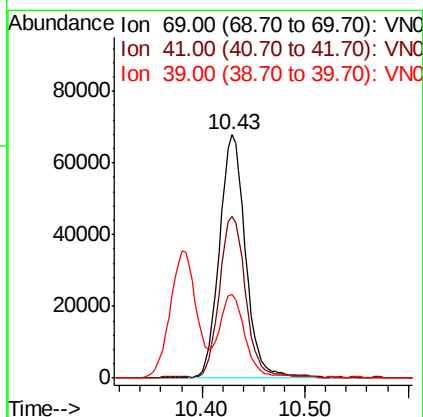
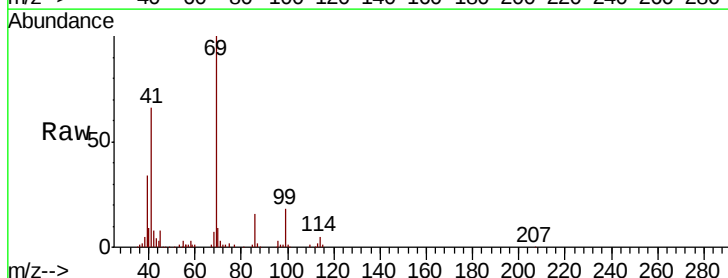
RT: 10.43 min Scan# 2692

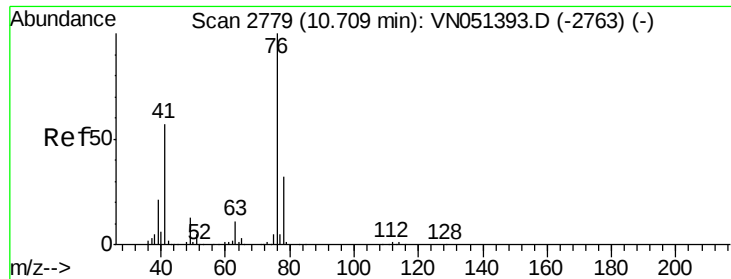
Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	69	Resp:	119989
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.4	78.6
39	34.3	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.322 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 76 Resp: 178703

Ion Ratio Lower Upper

76 100

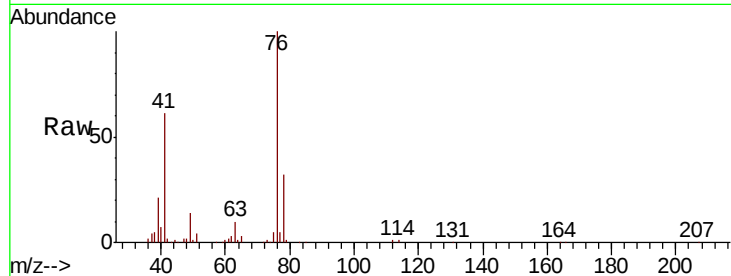
78 32.2 25.5 38.3

Manual Integrations

APPROVED

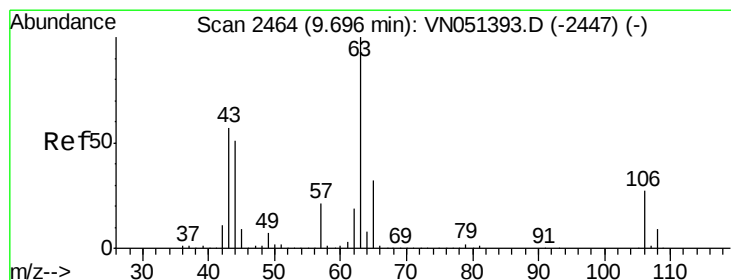
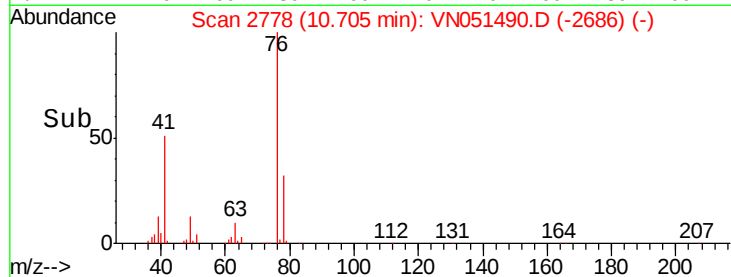
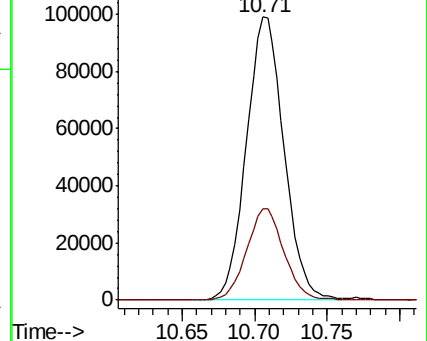
mmdadoda

9/30/2018 9:53:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 97.646 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051490.D

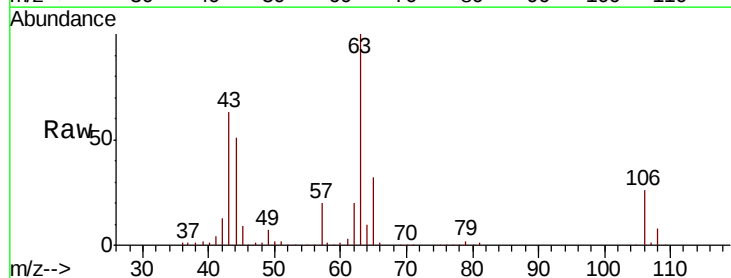
Acq: 25 Sep 2018 18:19

Tgt Ion: 63 Resp: 300370

Ion Ratio Lower Upper

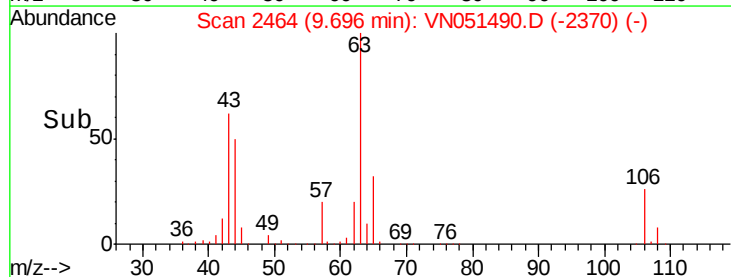
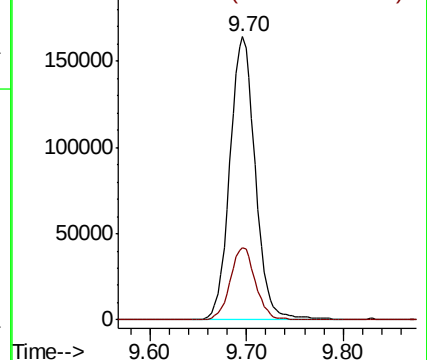
63 100

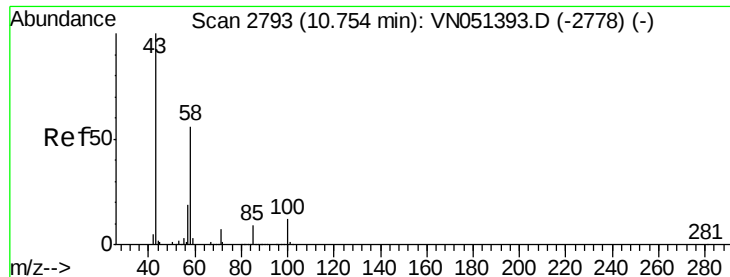
106 25.3 21.4 32.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





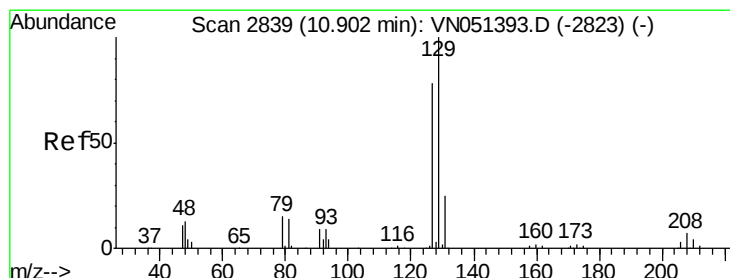
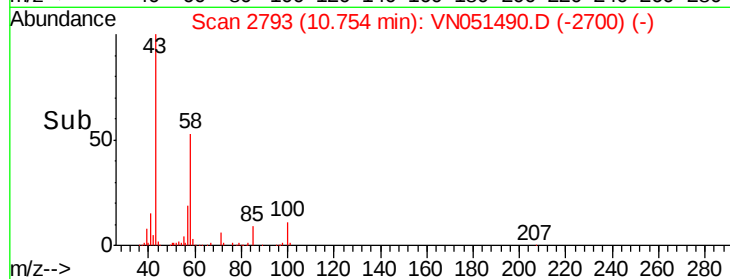
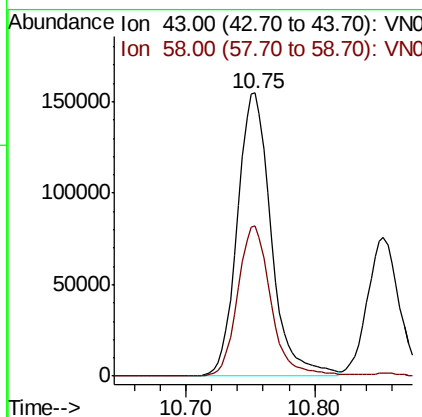
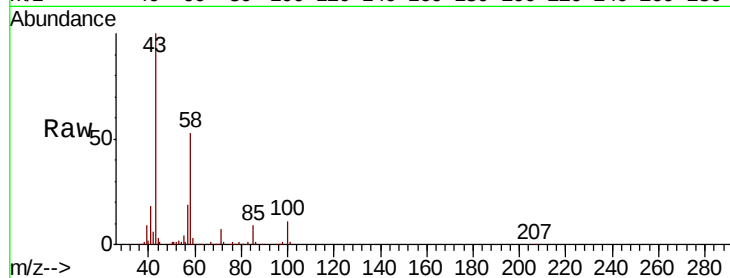
#59
2-Hexanone
Concen: 90.888 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion: 43 Resp: 281883
Ion Ratio Lower Upper
43 100
58 52.3 27.7 83.0

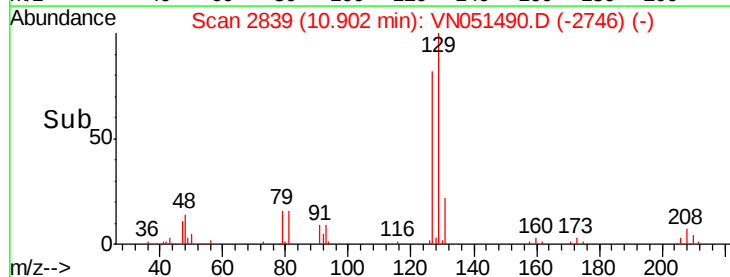
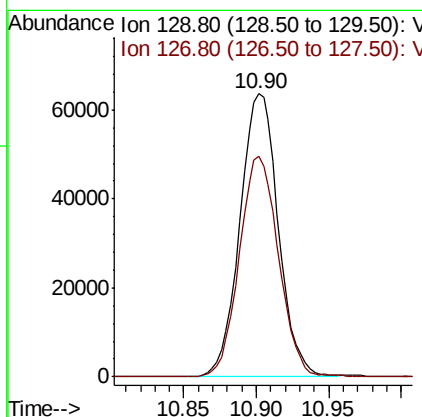
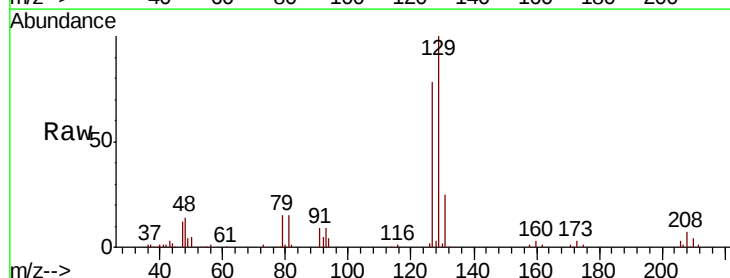
Manual Integrations
APPROVED

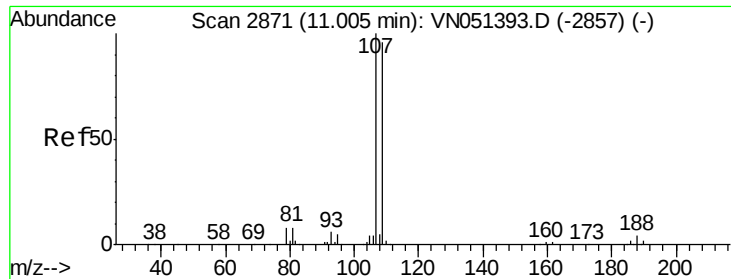
mmdadoda
9/30/2018 9:53:37 AM



#60
Dibromochloromethane
Concen: 18.390 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 129 Resp: 117080
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





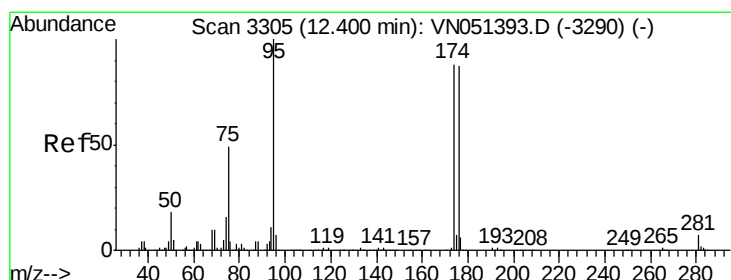
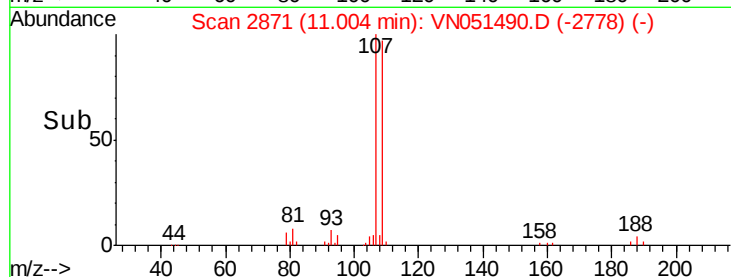
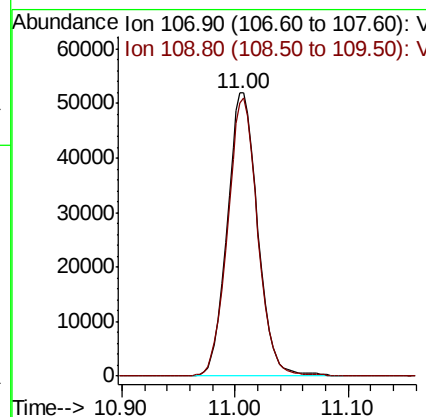
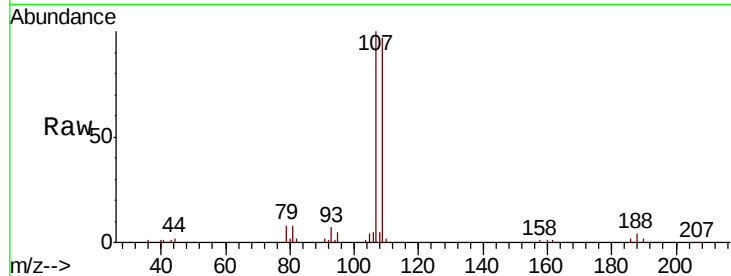
#61
 1,2-Dibromoethane
 Concen: 18.527 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion: 107 Resp: 97045
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.3 114.5

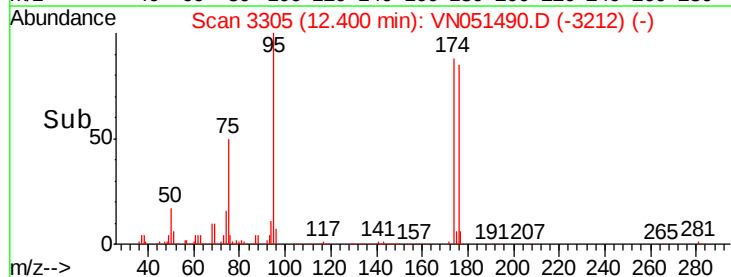
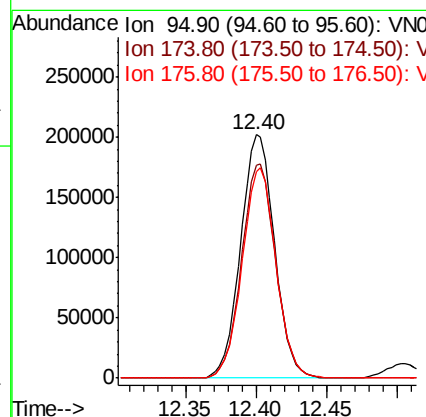
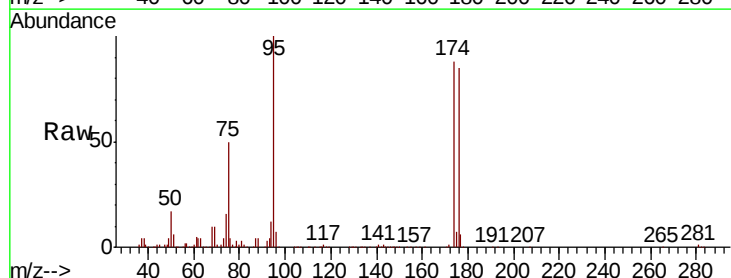
Manual Integrations
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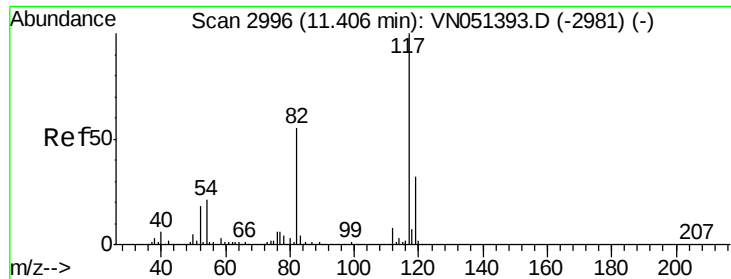
mmdadoda
 9/30/2018 9:53:37 AM



#62
 4-Bromofluorobenzene
 Concen: 48.382 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion: 95 Resp: 340526
 Ion Ratio Lower Upper
 95 100
 174 88.5 0.0 181.6
 176 86.4 0.0 176.4





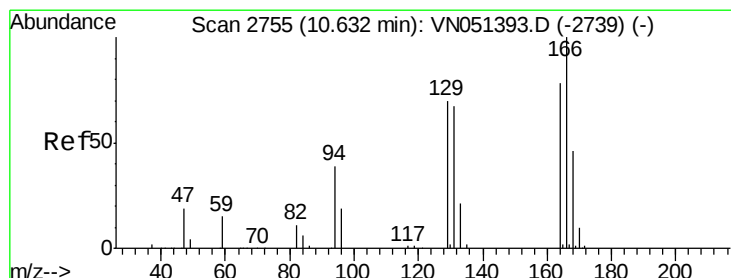
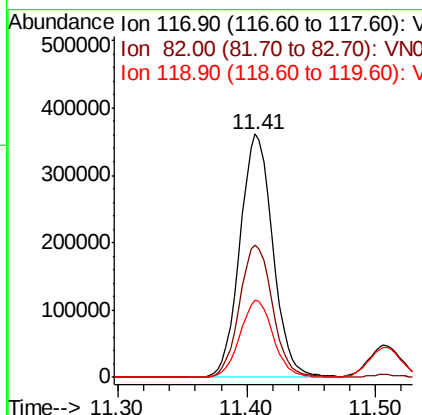
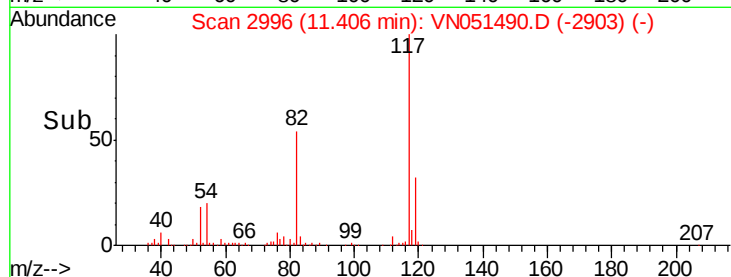
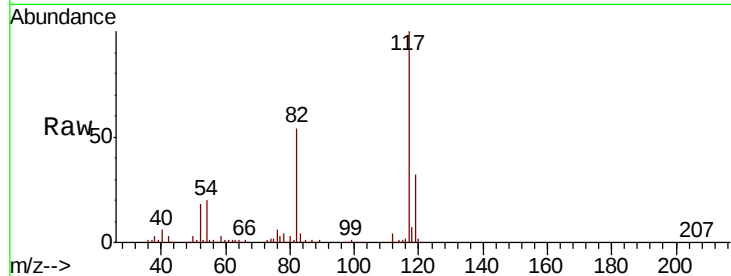
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	641782		
82	54.4	44.2	66.2	
119	31.8	25.9	38.9	

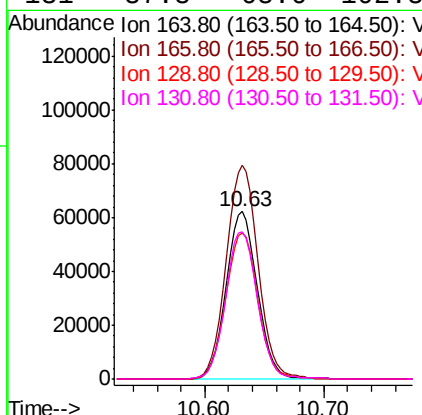
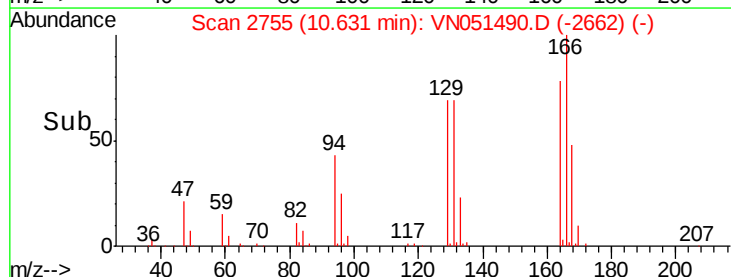
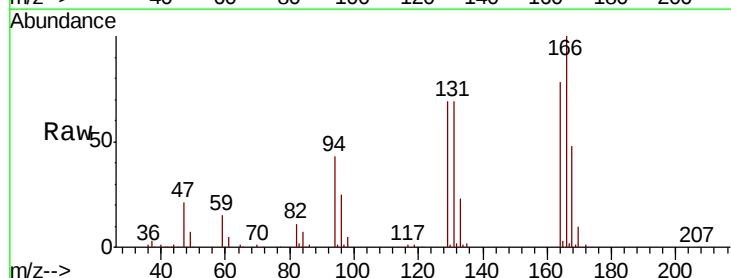
Manual Integrations
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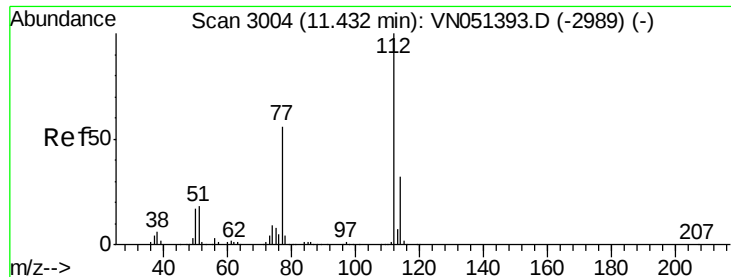
mmdadoda
9/30/2018 9:53:37 AM



#64
Tetrachloroethene
Concen: 19.456 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113324		
166	127.4	102.3	153.5	
129	87.4	71.8	107.8	
131	87.8	68.6	102.8	





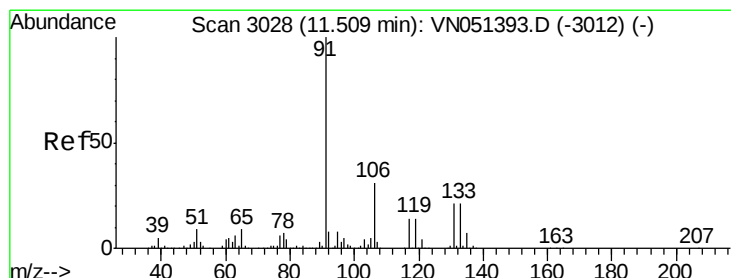
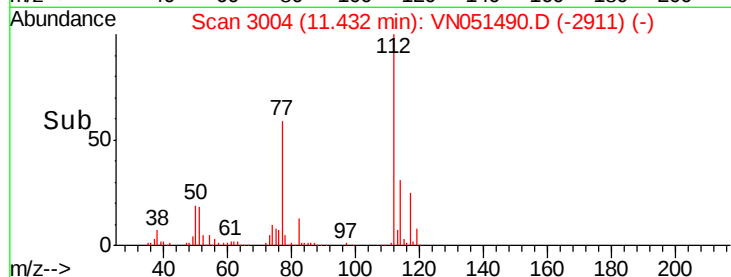
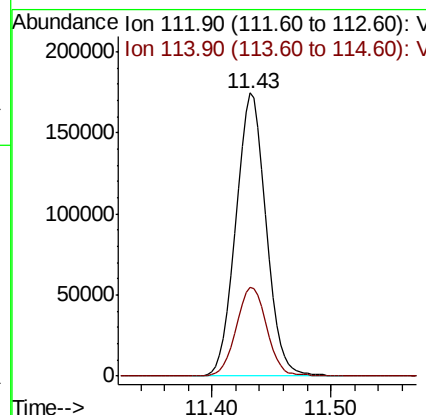
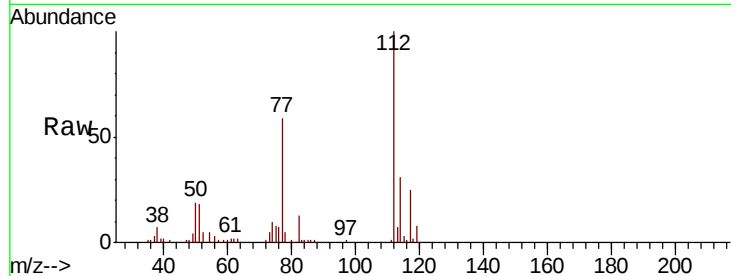
#65
Chlorobenzene
Concen: 18.693 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion:112 Resp: 307800
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

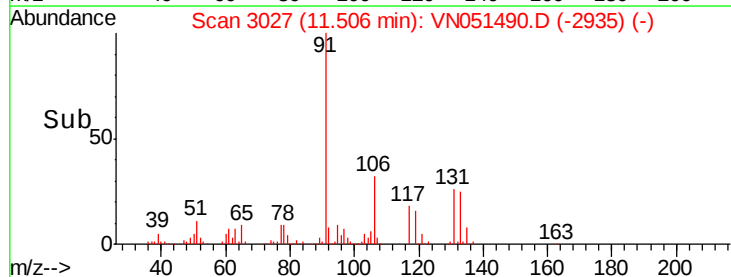
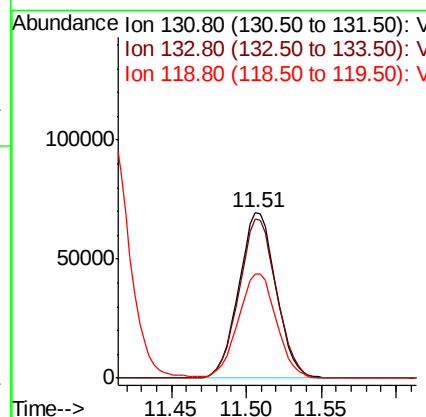
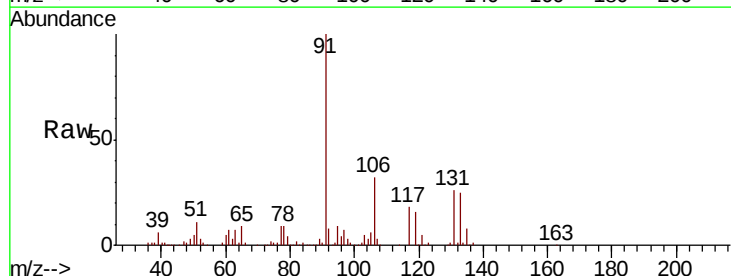
Manual Integrations
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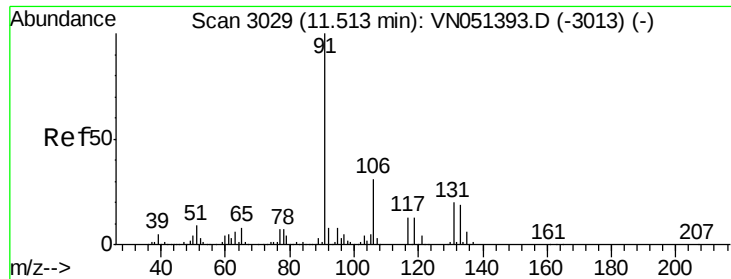
mmdadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.250 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion:131 Resp: 120761
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 64.8 32.8 98.4





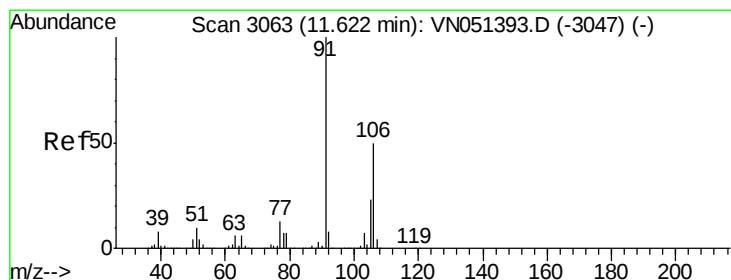
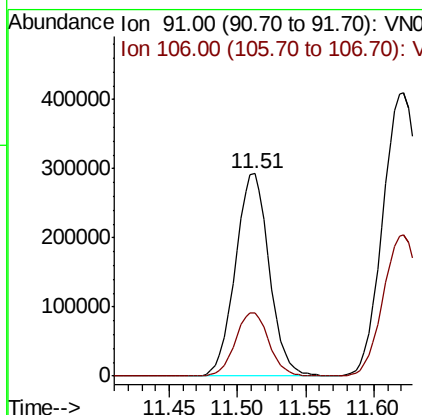
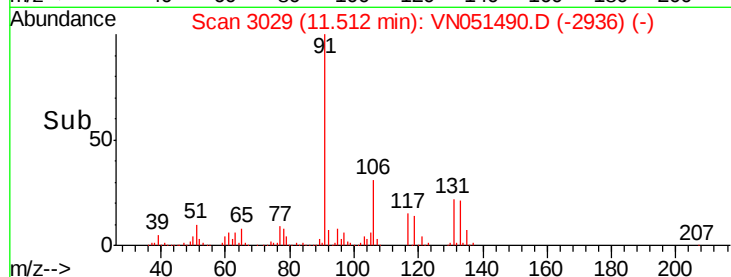
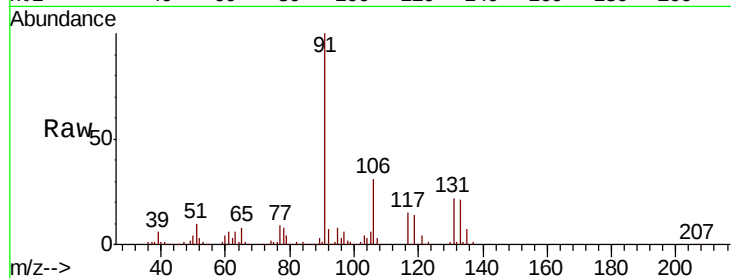
#67
Ethyl Benzene
Concen: 18.187 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion: 91 Resp: 504686
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4

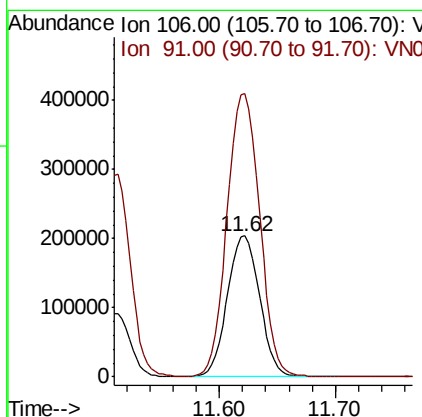
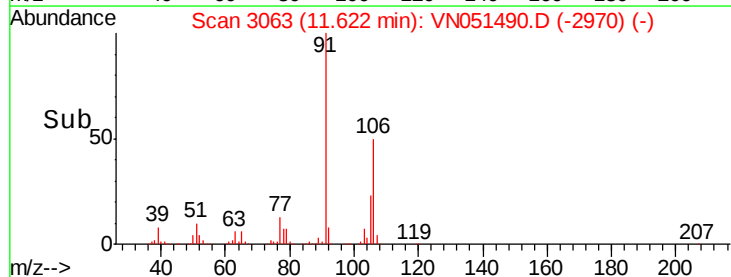
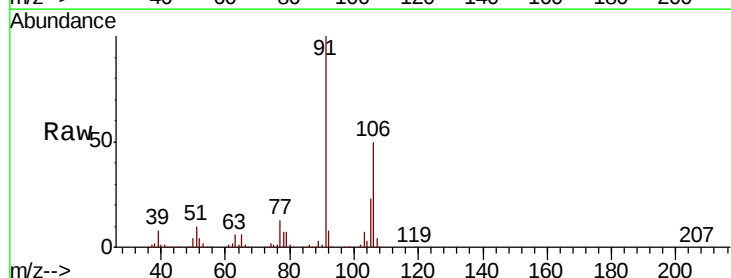
Manual Integrations
APPROVED

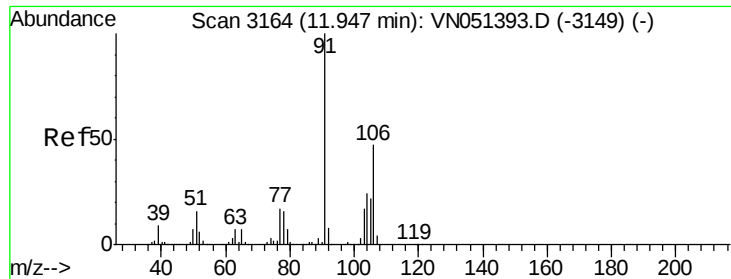
mmdadoda
9/30/2018 9:53:37 AM



#68
m/p-Xylenes
Concen: 36.819 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion: 106 Resp: 395202
Ion Ratio Lower Upper
106 100
91 203.2 161.3 241.9





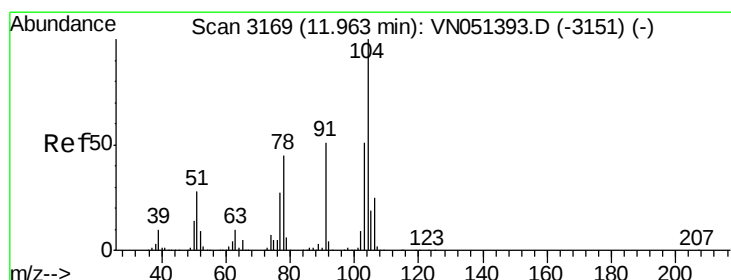
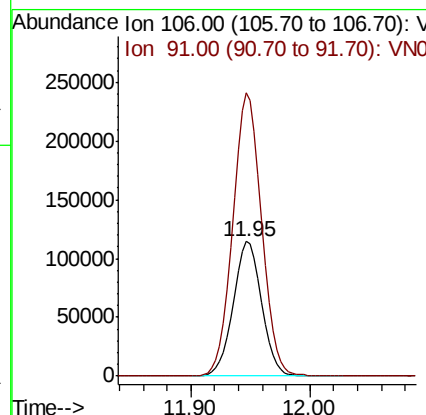
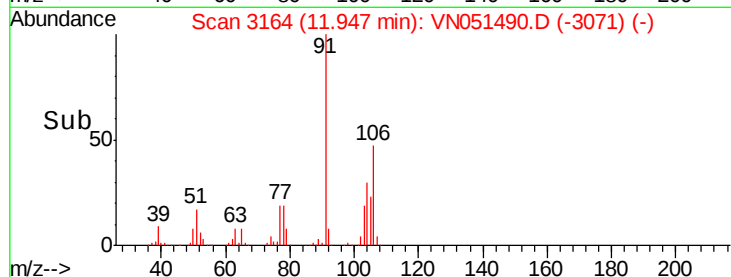
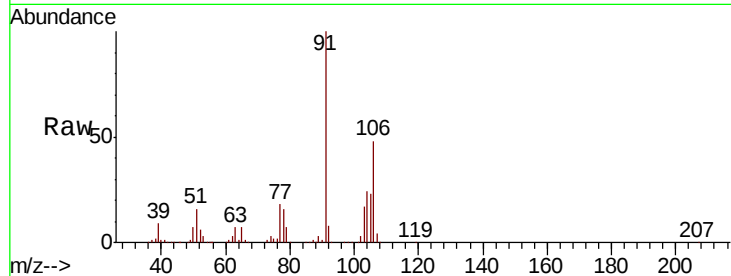
#69
o-Xylene
Concen: 18.359 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampled :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.5	105.3	315.9

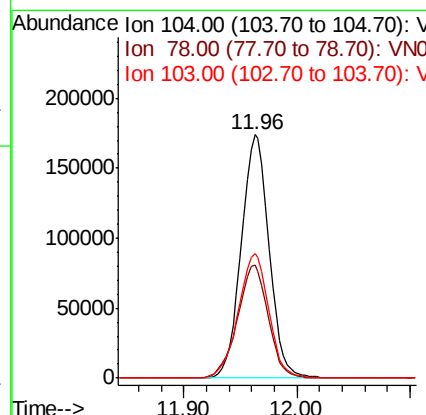
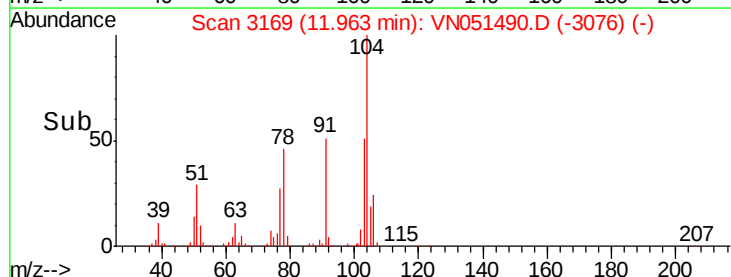
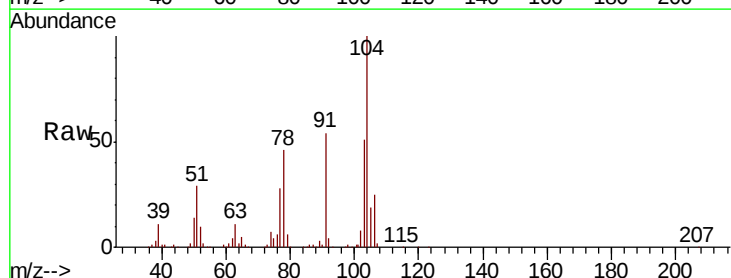
Manual Integrations
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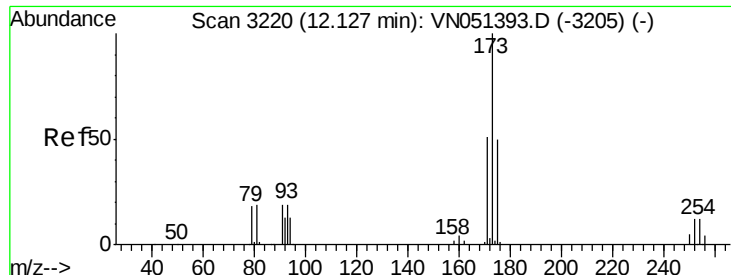
mmdadoda
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#70
Styrene
Concen: 18.240 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.1	39.9	59.9
103	56.0	44.6	66.8





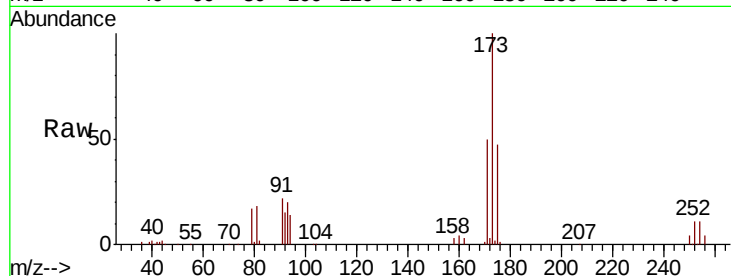
#71
 Bromoform
 Concen: 18.657 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.3	24.8	74.3
254	0.0	0.2	0.2

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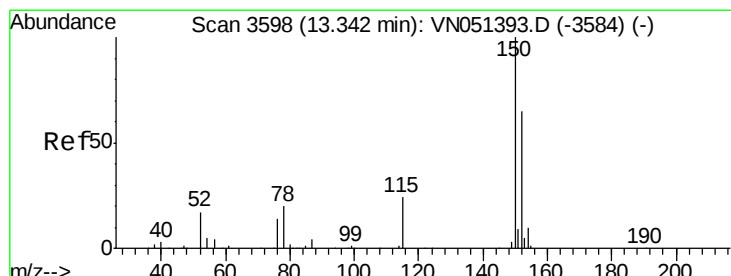
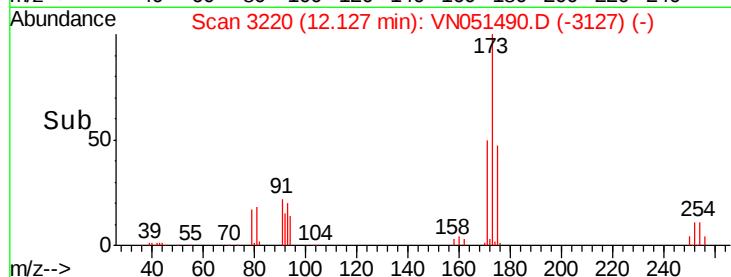
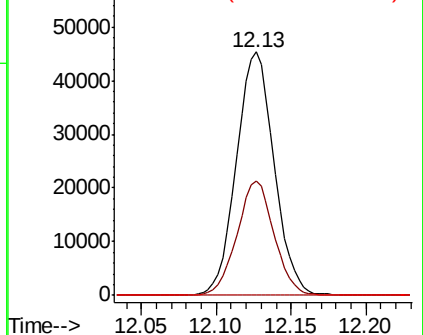


Abundance

Ion 172.70 (172.40 to 173.40): V

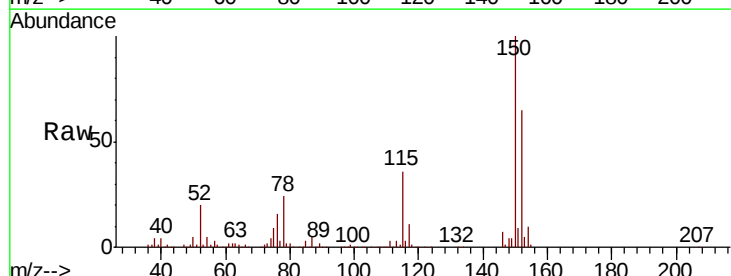
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.3	84.9
150	161.6	0.0	353.6

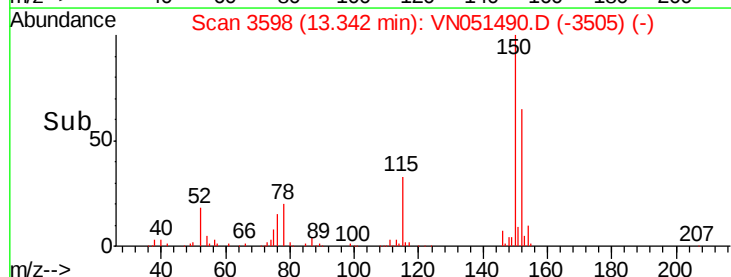
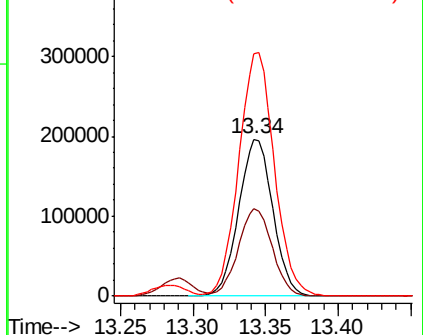


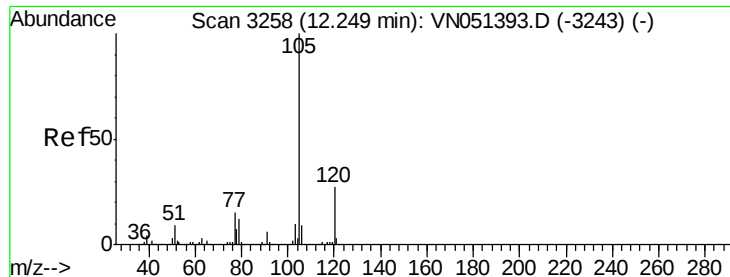
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.868 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 105 Resp: 511030

Ion Ratio Lower Upper

105 100

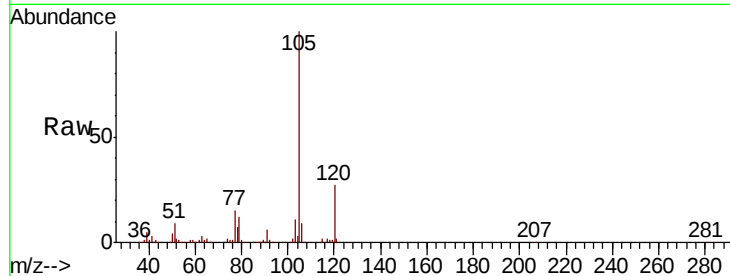
120 26.6 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

300000

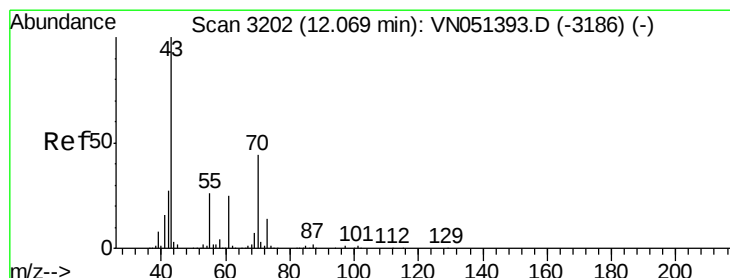
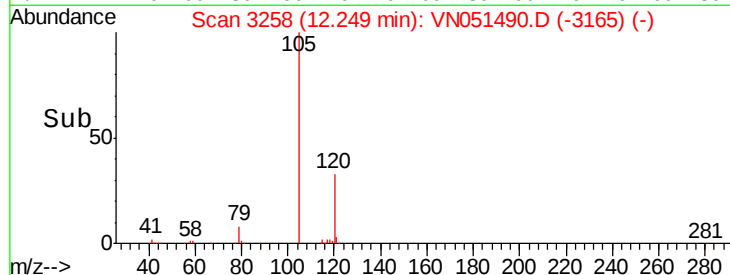
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 18.034 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion: 43 Resp: 122555

Ion Ratio Lower Upper

43 100

70 42.2 35.0 52.4

55 27.6 21.4 32.2

61 23.6 19.8 29.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

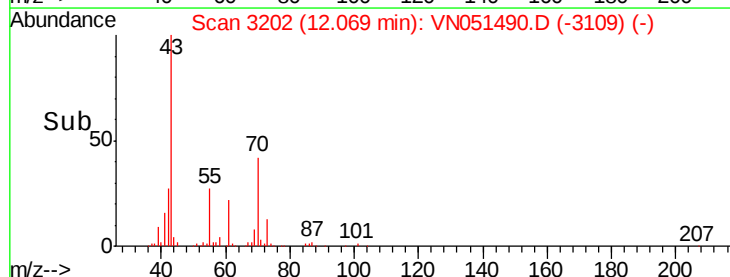
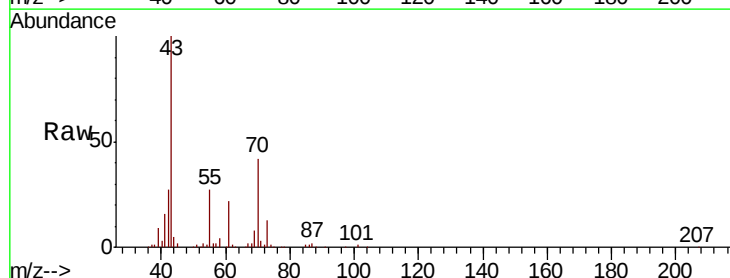
40000

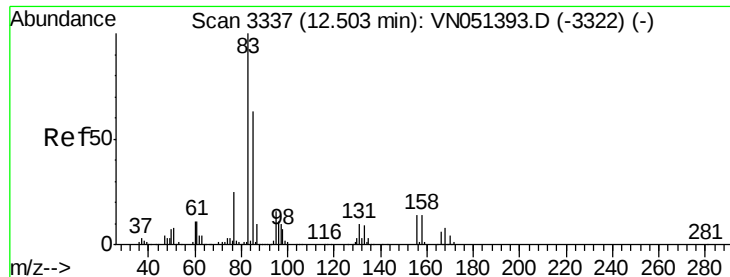
20000

0

Time-->

12.00 12.10





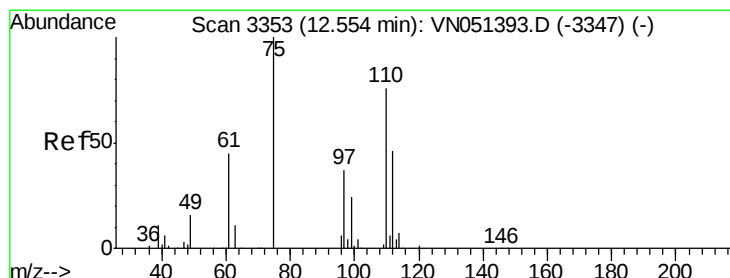
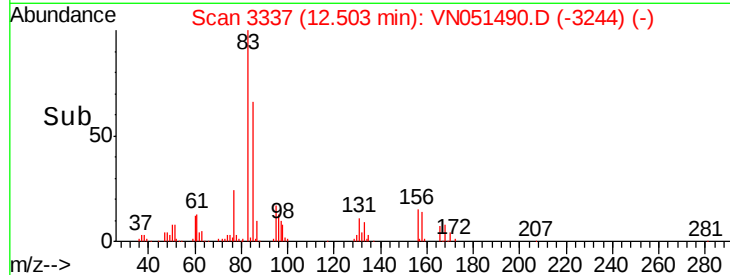
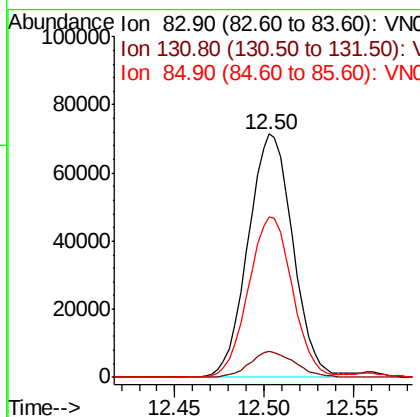
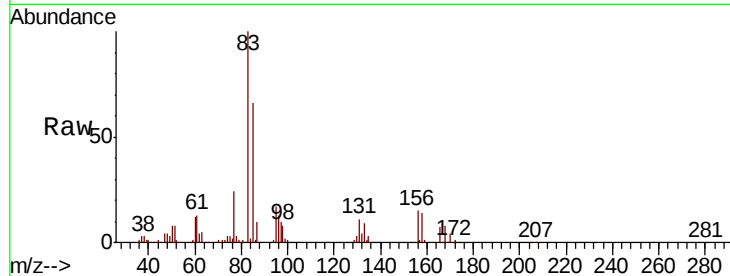
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.814 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
131	10.8	5.3	15.9
85	64.9	31.6	95.0

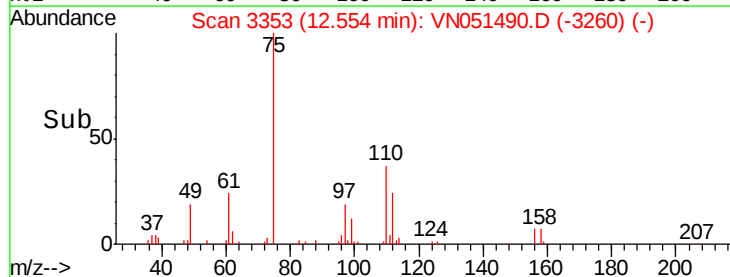
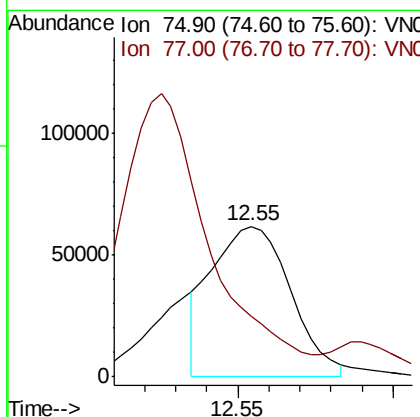
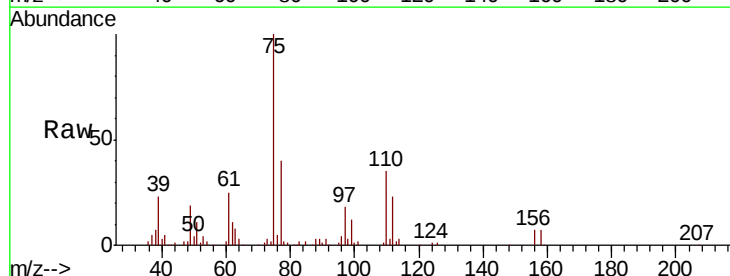
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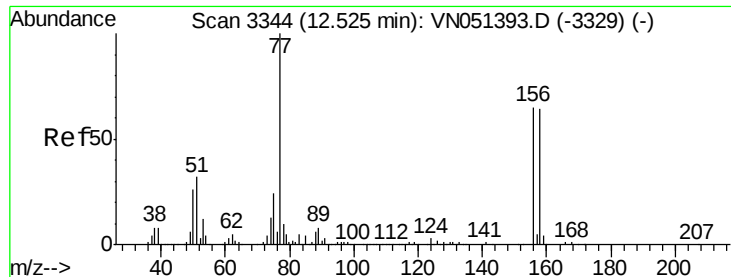
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#76
 1,2,3-Trichloropropane
 Concen: 20.598 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.887 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

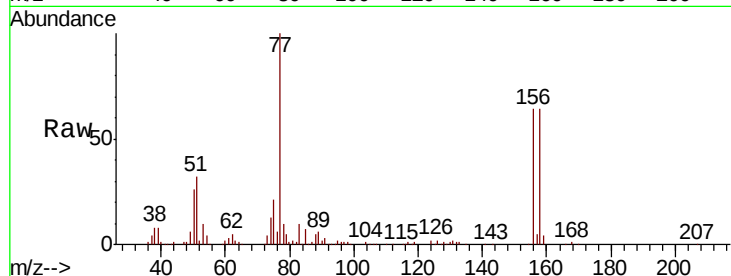
ClientSampleId :

VN0926WBS01

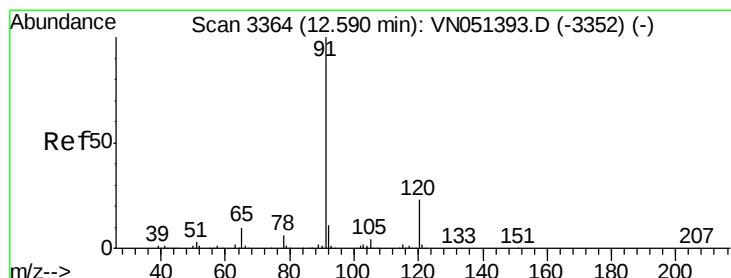
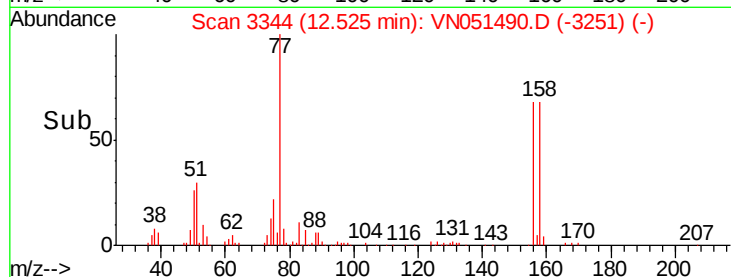
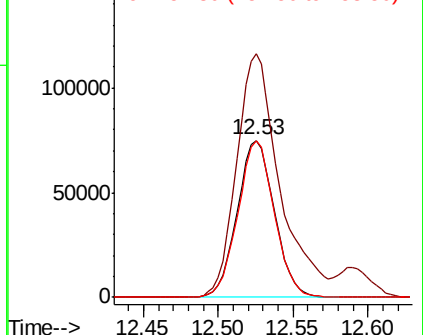
Tgt Ion:	156	Resp:	129501
Ion Ratio	Lower	Upper	
156	100		
77	180.6	89.5	268.4
158	97.9	49.4	148.2

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.849 ug/l

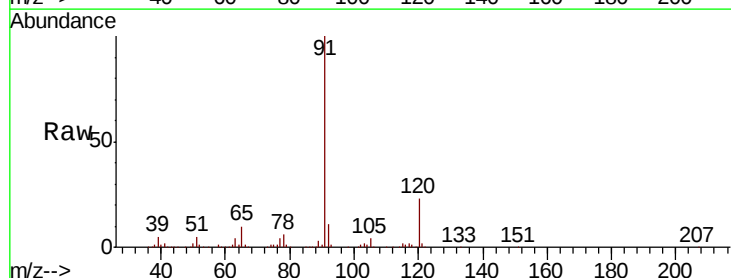
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

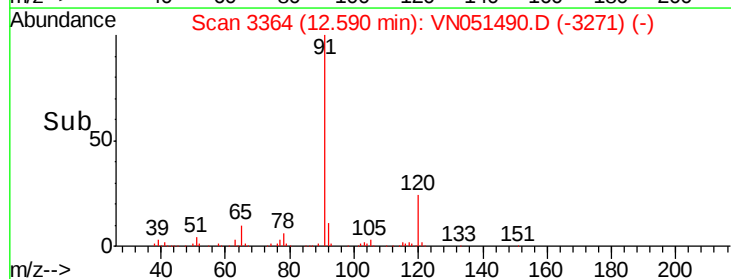
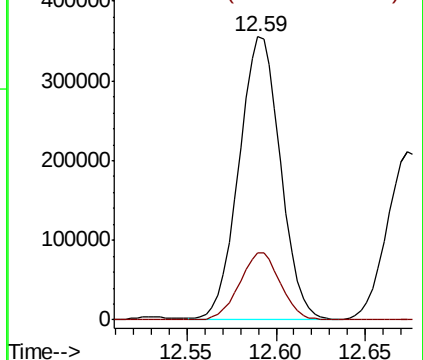
Lab File: VN051490.D

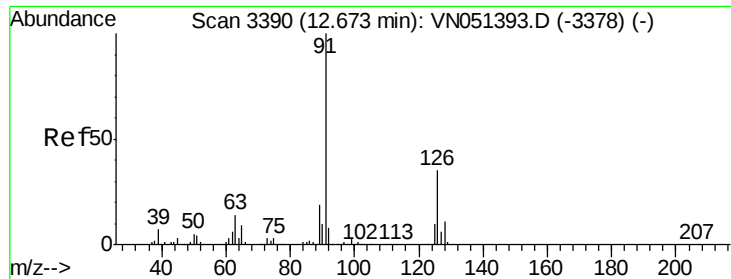
Acq: 25 Sep 2018 18:19

Tgt Ion:	91	Resp:	575360
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.231 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion: 91 Resp: 351396

Ion Ratio Lower Upper

91 100

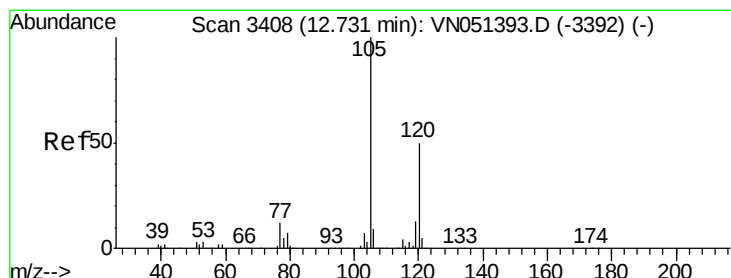
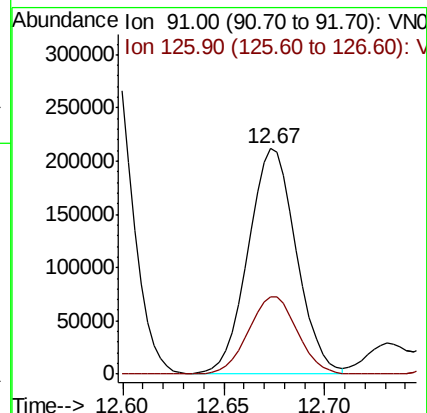
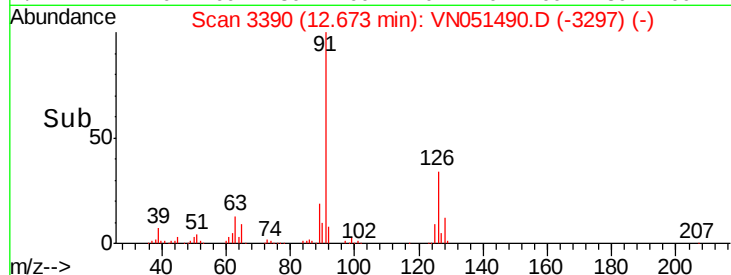
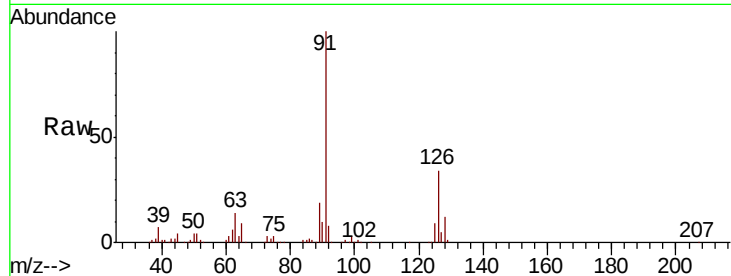
126 35.2 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 19.532 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051490.D

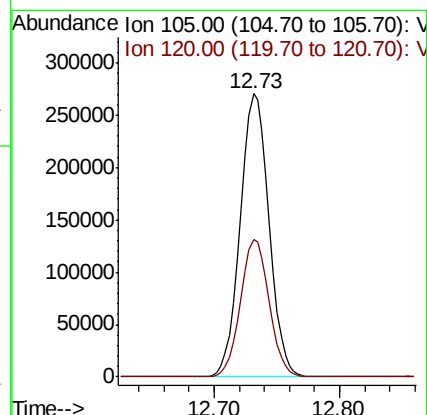
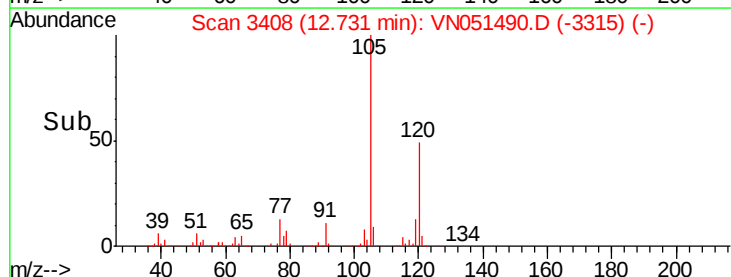
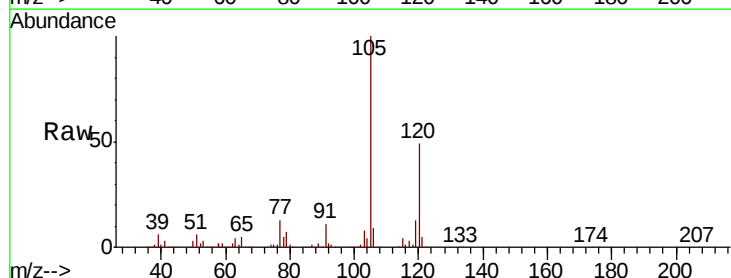
Acq: 25 Sep 2018 18:19

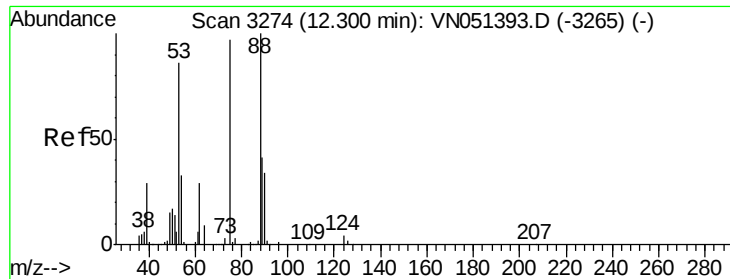
Tgt Ion: 105 Resp: 431372

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.691 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

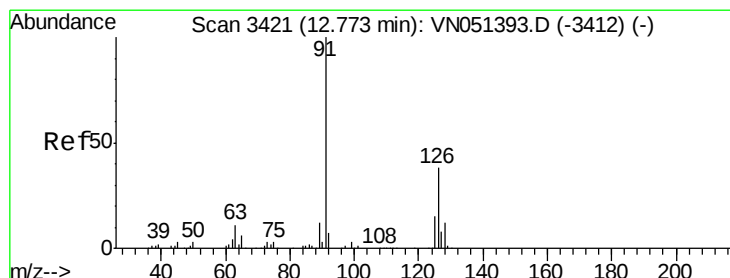
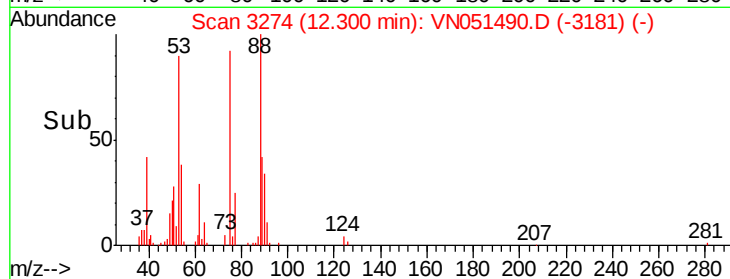
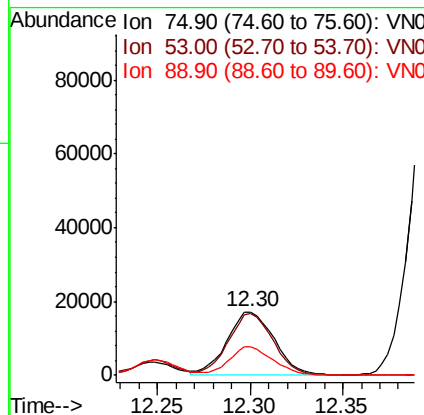
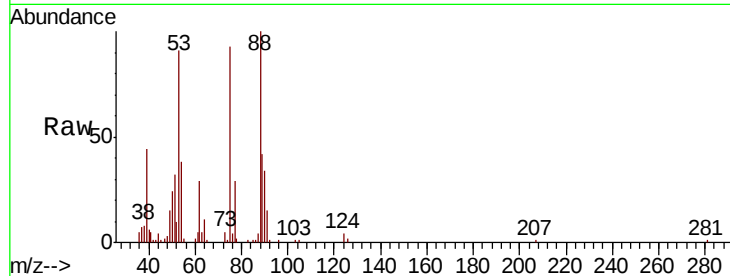
ClientSampleId :

VN0926WBS01

Tgt Ion:	75	Resp:	30659
Ion	Ratio	Lower	Upper
75	100		
53	91.9	73.9	110.9
89	41.1	36.7	55.1

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#82

4-Chlorotoluene

Concen: 19.048 ug/l

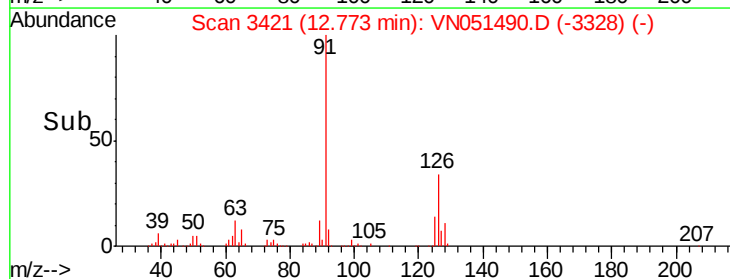
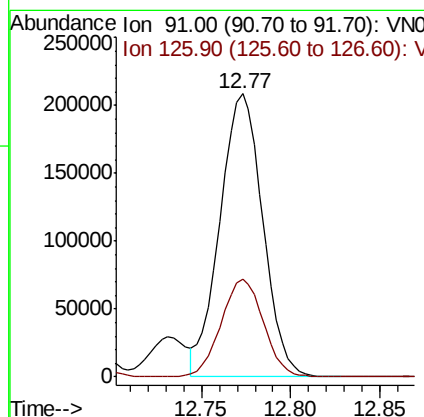
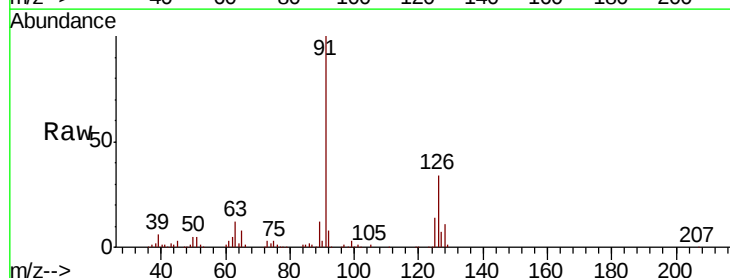
RT: 12.77 min Scan# 3421

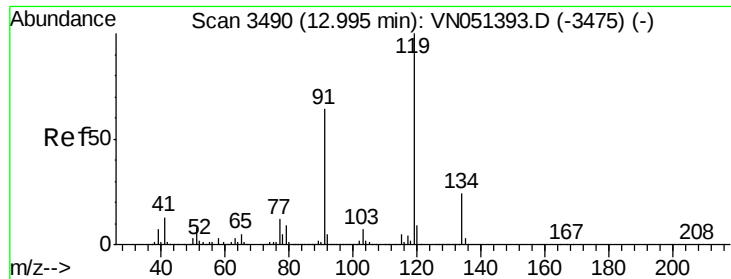
Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	91	Resp:	347388
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.5	52.5





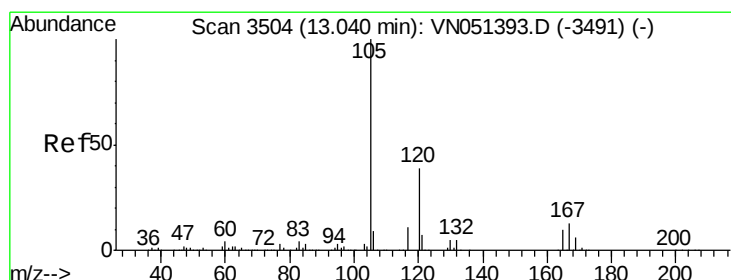
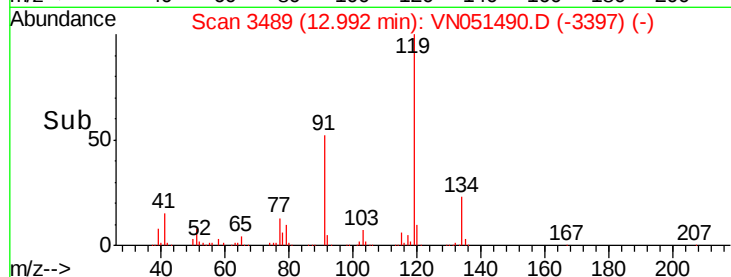
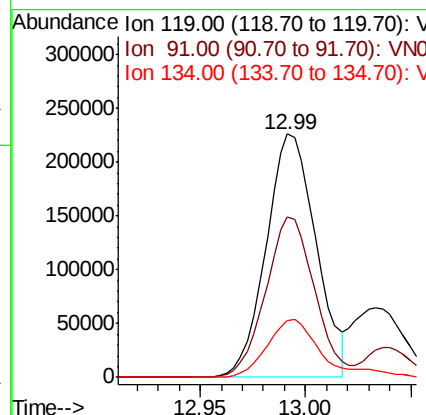
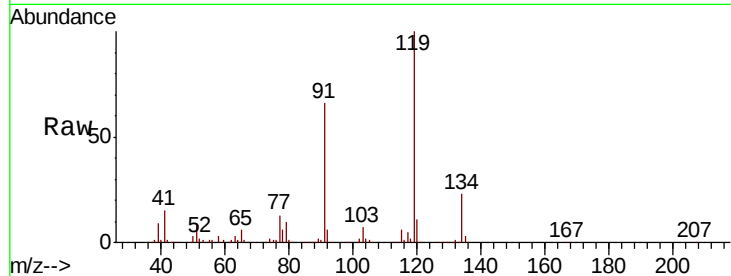
#83
 tert-Butylbenzene
 Concen: 18.960 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.7	95.1
134	26.1	12.3	36.9

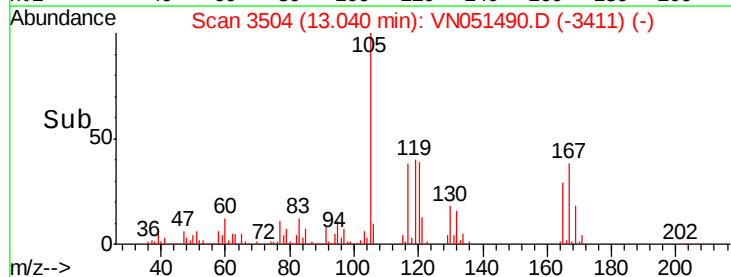
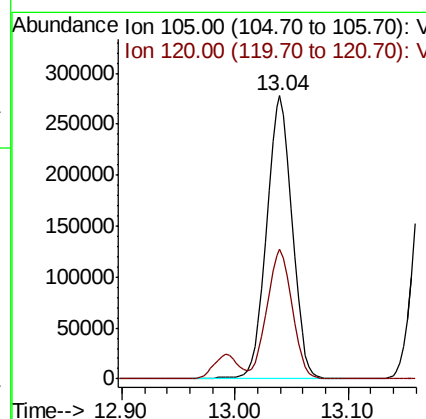
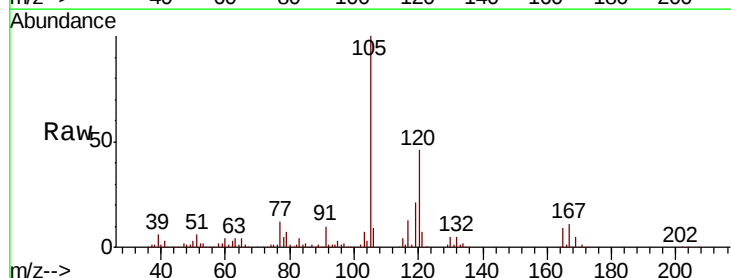
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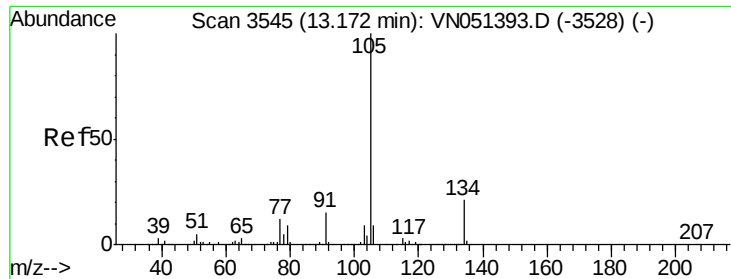
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.546 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





#85

sec-Butylbenzene

Concen: 19.153 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBS01

Tgt Ion:105 Resp: 509347

Ion Ratio Lower Upper

105 100

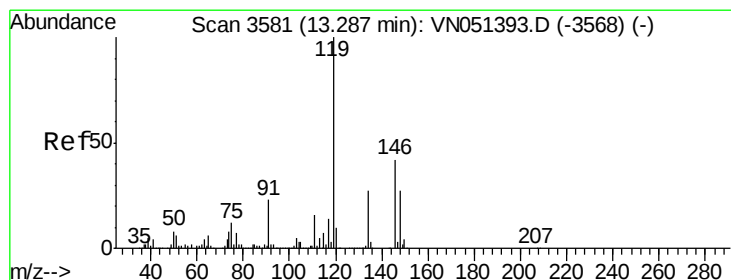
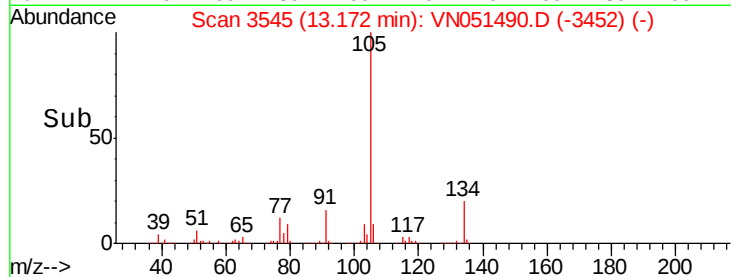
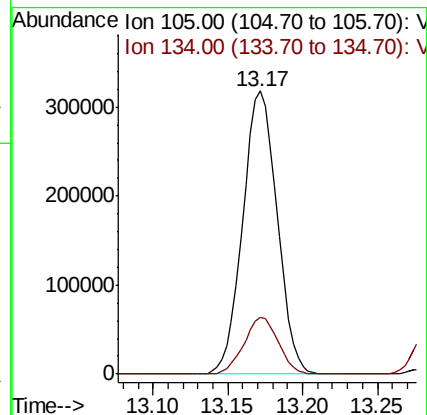
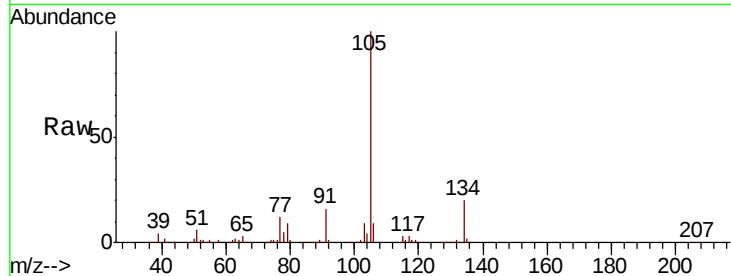
134 19.9 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.906 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

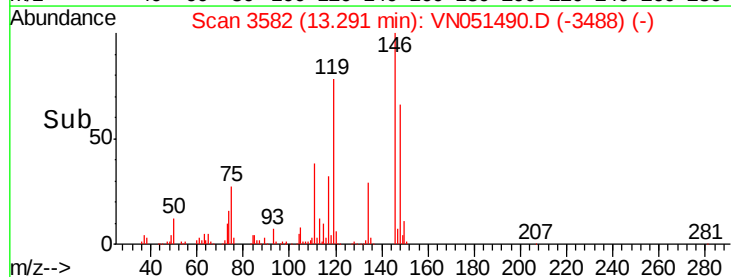
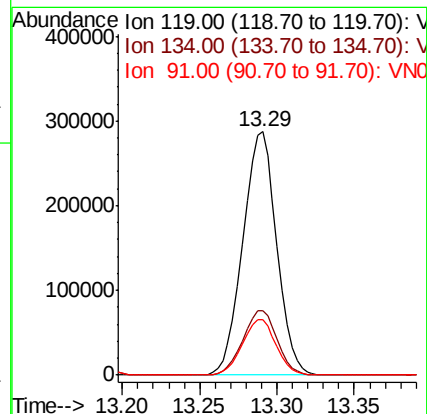
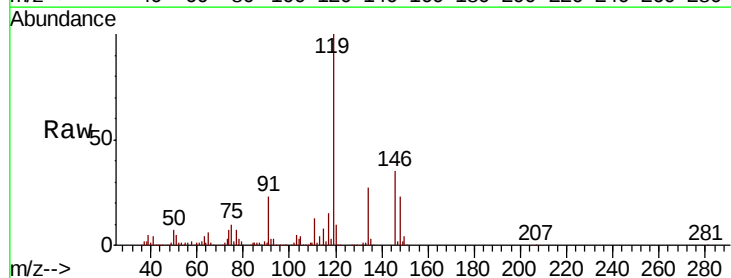
Tgt Ion:119 Resp: 435038

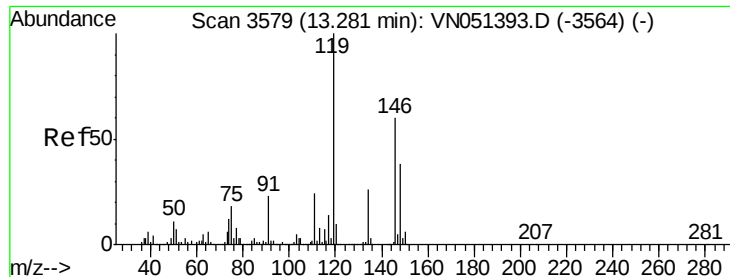
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

91 22.8 11.4 34.2





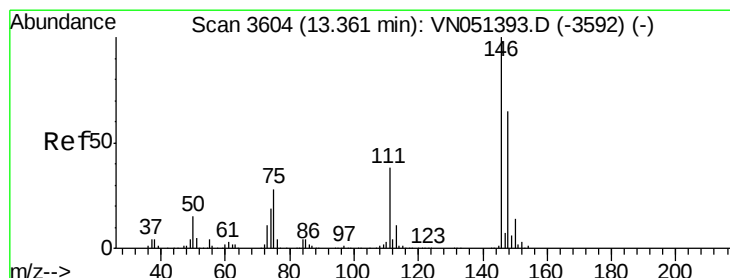
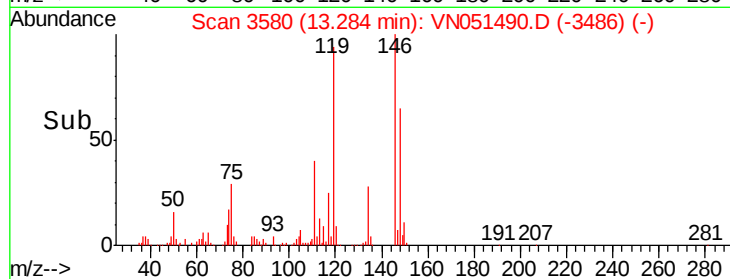
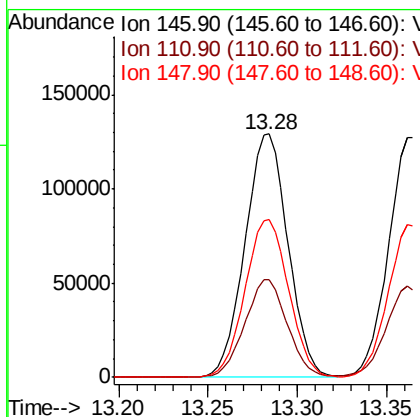
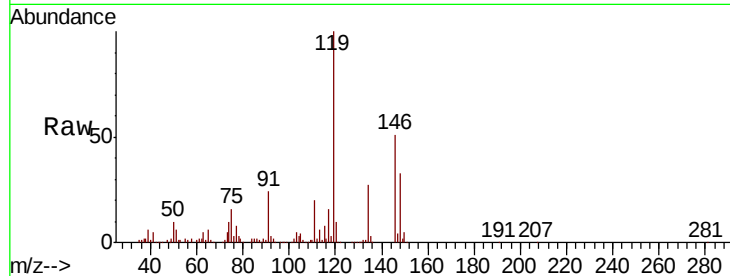
#87
 1,3-Dichlorobenzene
 Concen: 18.347 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	217695		
111	39.8	19.7	59.1	
148	65.5	31.9	95.7	

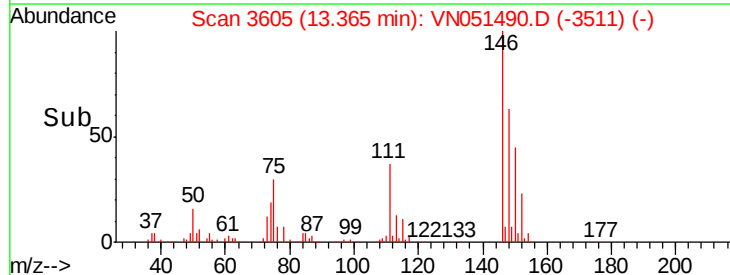
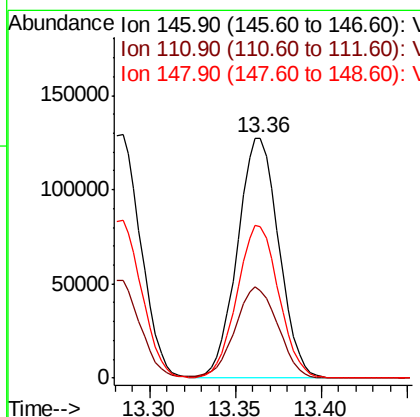
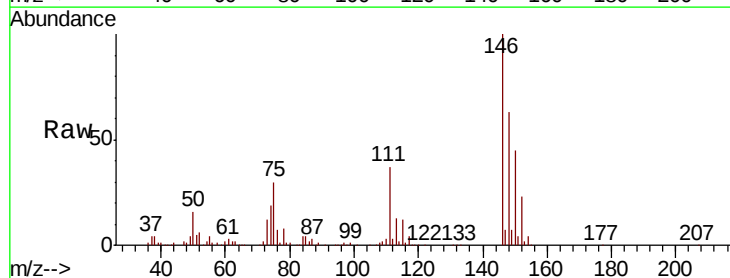
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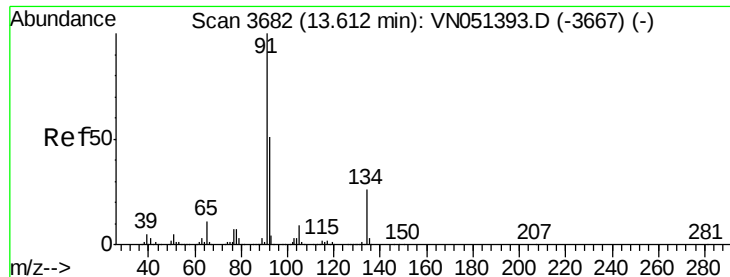
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#88
 1,4-Dichlorobenzene
 Concen: 18.555 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211837		
111	39.8	19.1	57.1	
148	64.6	32.5	97.5	





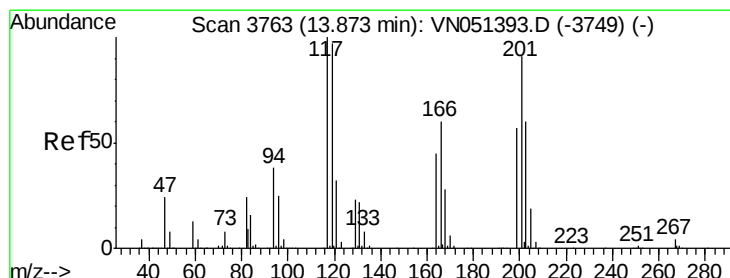
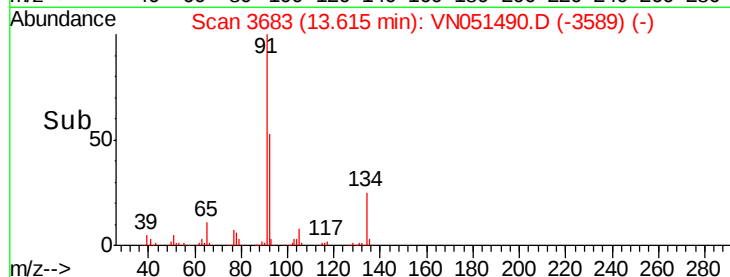
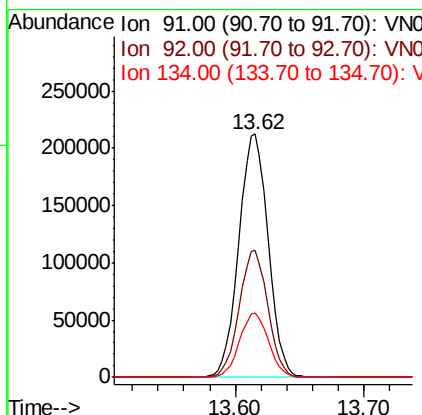
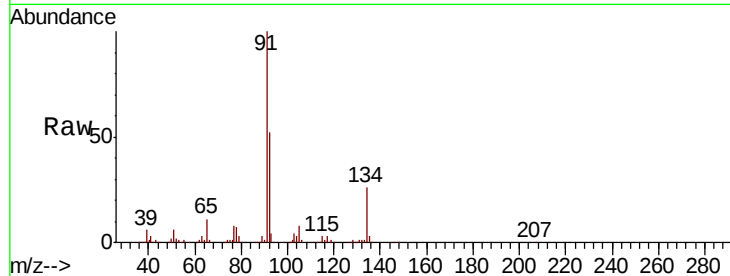
#89
n-Butylbenzene
Concen: 17.809 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.5	76.5
134	26.0	13.3	39.8

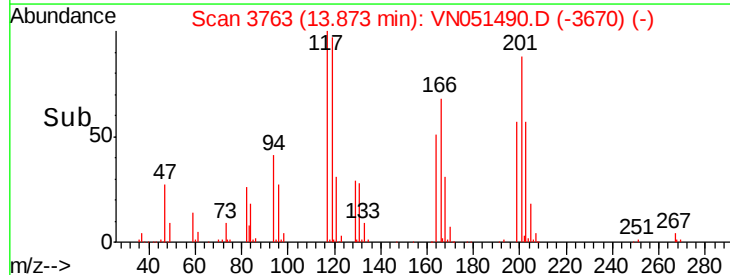
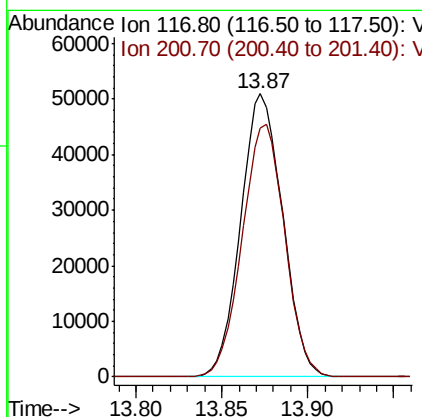
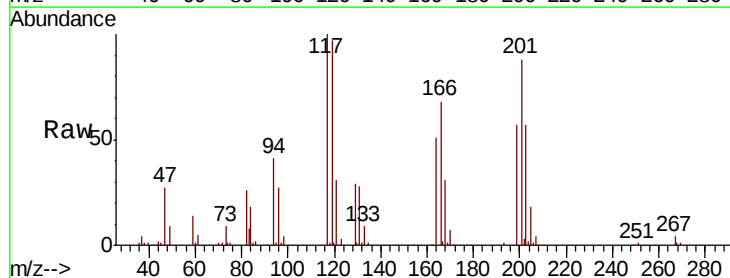
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#90
Hexachloroethane
Concen: 18.832 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051490.D
Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	45.5	136.4





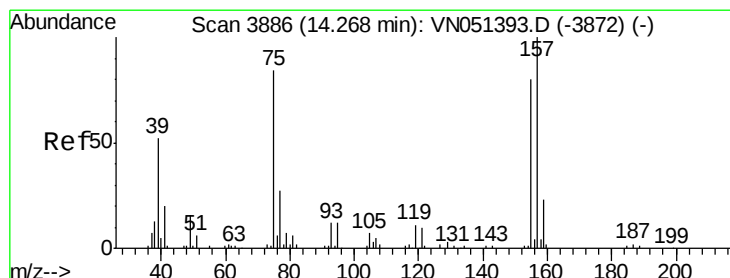
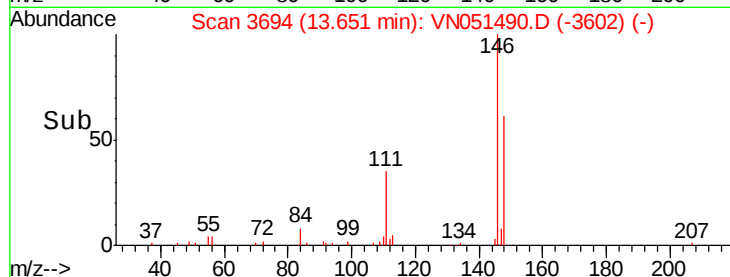
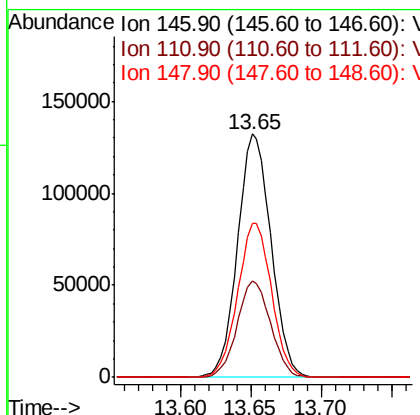
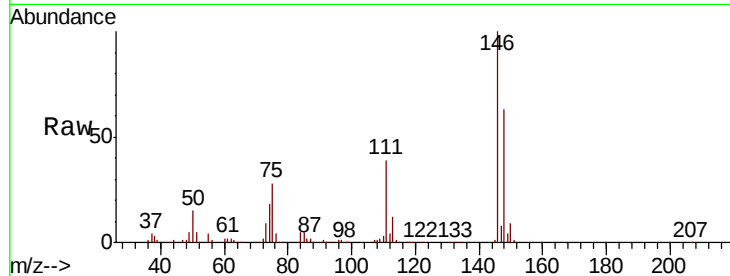
#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	64.0	32.1	96.5

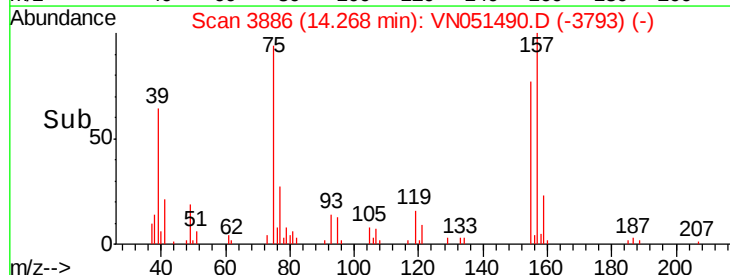
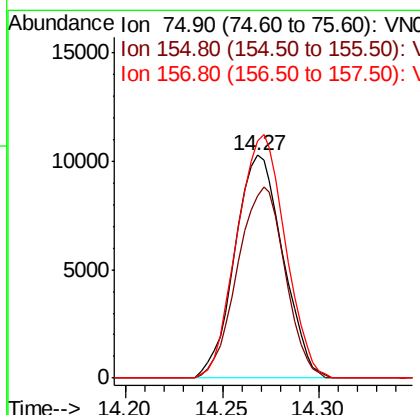
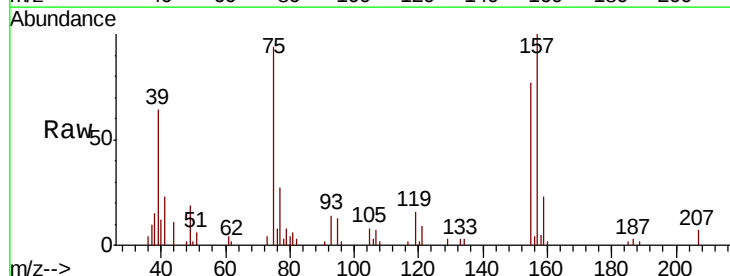
Manual Integrations
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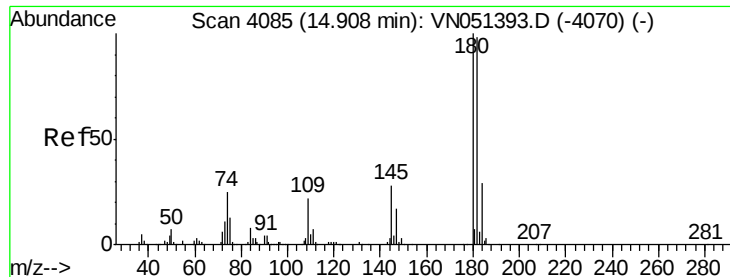
mmdadoda
 9/30/2018 9:53:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.729 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	46.9	140.6
157	109.5	58.4	175.1





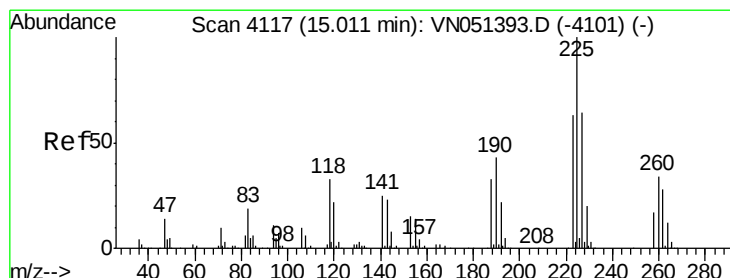
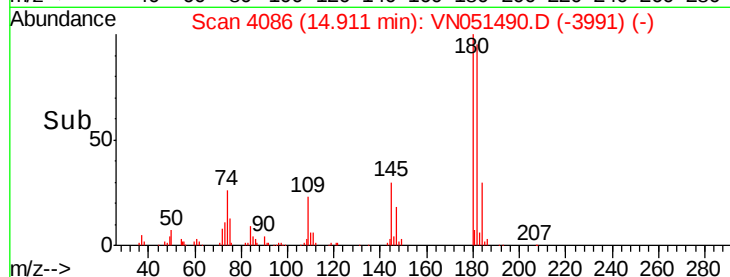
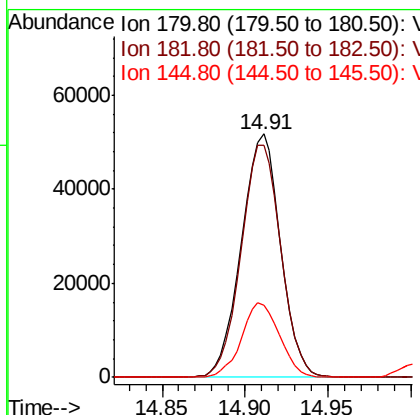
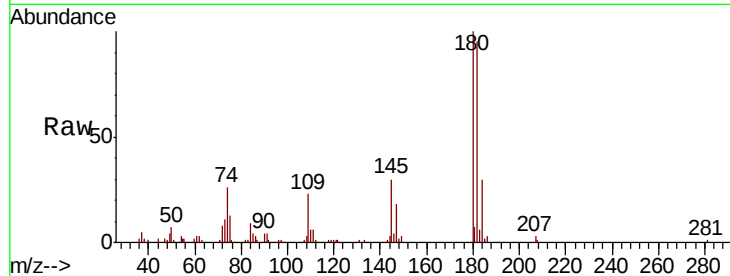
#93
 1,2,4-Trichlorobenzene
 Concen: 18.040 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85012		
182	96.9	48.5	145.6	
145	29.7	14.1	42.4	

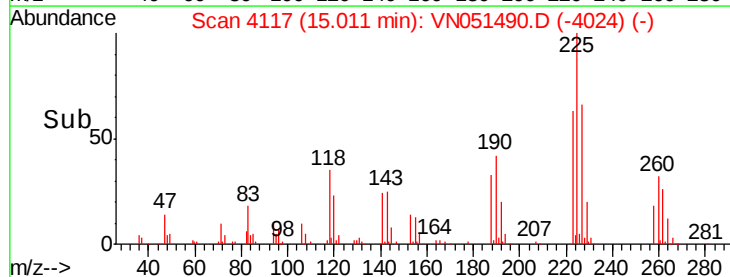
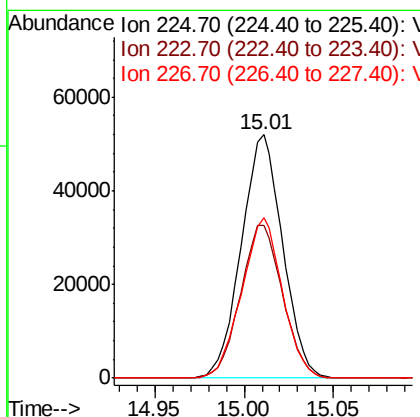
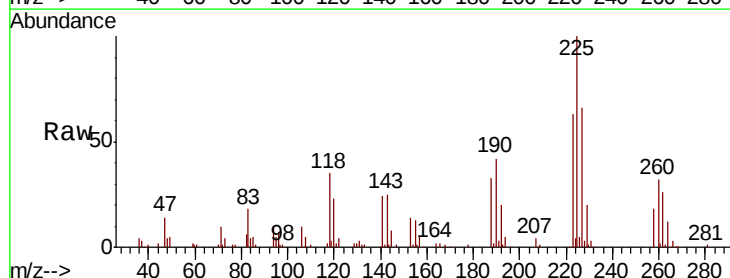
Manual Integrations
 APPROVED

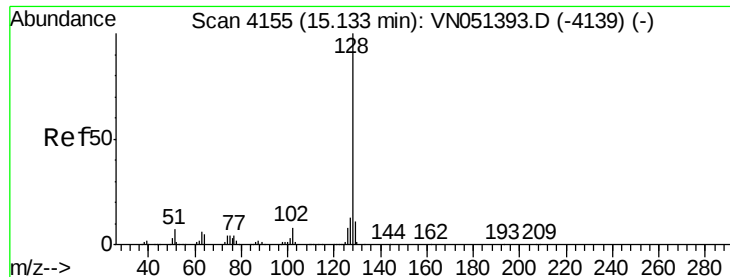
mmdadoda
 9/30/2018 9:53:37 AM



#94
 Hexachlorobutadiene
 Concen: 19.330 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051490.D
 Acq: 25 Sep 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84196		
223	63.8	31.9	95.9	
227	64.8	32.5	97.5	





#95

Naphthalene

Concen: 18.040 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Instrument :

MSVOA_N

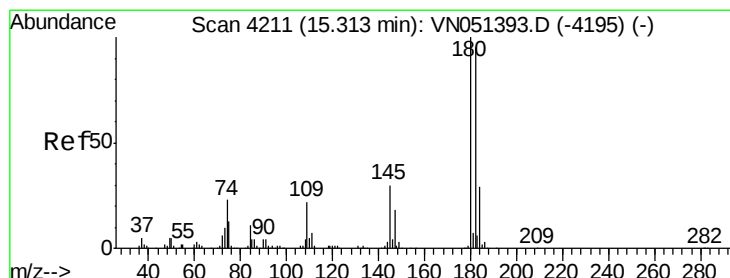
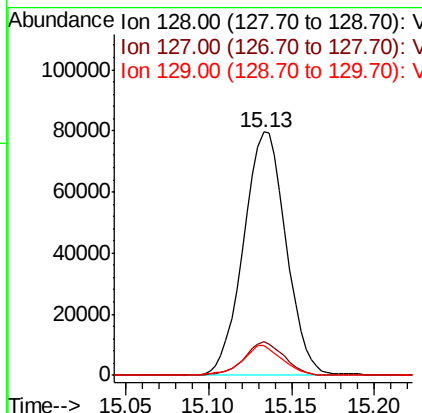
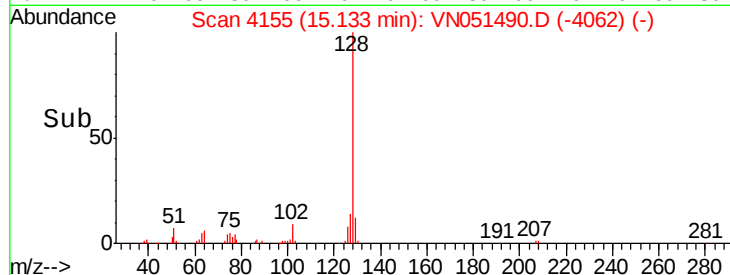
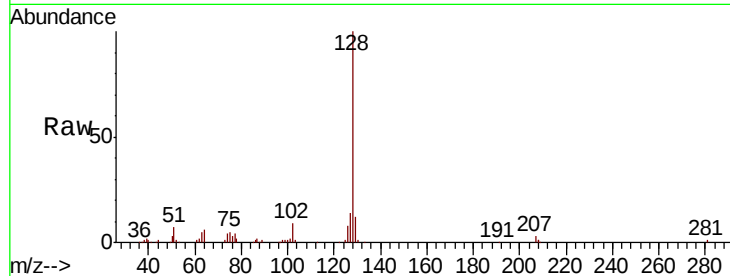
ClientSampled :

VN0926WBS01

Tgt Ion:	128	Resp:	142171
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.6	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.302 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051490.D

Acq: 25 Sep 2018 18:19

Tgt Ion:	180	Resp:	90064
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.2	141.6
145	30.1	14.6	43.8

