

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051428.D
 Acq On : 23 Sep 2018 22:08
 Operator : MD\SY
 Sample : VN0923WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:52:18 AM

Quant Time: Sep 24 08:01:19 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	487442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	723611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	300249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	334000	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
35) Dibromofluoromethane	7.59	113	301761	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.09	98	1086385	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	336770	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	91648	20.153	ug/l	99
3) Chloromethane	2.06	50	150760	20.825	ug/l	99
4) Vinyl Chloride	2.18	62	164307	20.564	ug/l	99
5) Bromomethane	2.57	94	100814	21.089	ug/l	98
6) Chloroethane	2.71	64	102740	20.636	ug/l	100
7) Trichlorofluoromethane	3.02	101	195353	18.666	ug/l	99
8) Diethyl Ether	3.41	74	60869	16.704	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	102438	17.343	ug/l	98
10) Methyl Iodide	3.95	142	139447	17.951	ug/l	98
11) Tert butyl alcohol	4.79	59	33287	96.592	ug/l #	95
12) 1,1-Dichloroethene	3.74	96	96388	17.773	ug/l	98
13) Acrolein	3.61	56	28082	82.063	ug/l	96
14) Allyl chloride	4.33	41	155370	17.075	ug/l	99
15) Acrylonitrile	4.99	53	169465	90.399	ug/l	99
16) Acetone	3.82	43	120807	71.890	ug/l	100
17) Carbon Disulfide	4.06	76	282825	17.750	ug/l	99
18) Methyl Acetate	4.33	43	89411	19.227	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	267642	19.138	ug/l	95
20) Methylene Chloride	4.55	84	116889	19.345	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	103713	18.694	ug/l	98
22) Diisopropyl ether	5.96	45	362222	20.594	ug/l	99
23) Vinyl Acetate	5.90	43	1096080	94.921	ug/l	99
24) 1,1-Dichloroethane	5.85	63	214151	20.406	ug/l	99
25) 2-Butanone	6.84	43	181380	86.786	ug/l	96
26) 2,2-Dichloropropane	6.83	77	89417	10.915	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	117407	19.286	ug/l	98
28) Bromochloromethane	7.20	49	100807	20.801	ug/l	98
29) Tetrahydrofuran	7.22	42	125025	94.399	ug/l	99
30) Chloroform	7.37	83	213847	20.565	ug/l	99
31) Cyclohexane	7.66	56	177661	18.478	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	182821	20.565	ug/l	100
36) 1,1-Dichloropropene	7.79	75	155949	18.611	ug/l	98
37) Ethyl Acetate	6.93	43	85376	17.720	ug/l	98
38) Carbon Tetrachloride	7.78	117	165202	18.849	ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 VN0923WBSD02

Manual Integrations
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Quant Time: Sep 24 08:01:19 2018
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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	159261	16.258	ug/l	97
40) Benzene	8.04	78	465447	18.917	ug/l	98
41) Methacrylonitrile	7.18	41	48600m	18.233	ug/l	
42) 1,2-Dichloroethane	8.13	62	150777	19.138	ug/l	100
43) Isopropyl Acetate	8.17	43	173921	19.963	ug/l	95
44) Trichloroethene	8.84	130	120853	18.493	ug/l	97
45) 1,2-Dichloropropane	9.12	63	126744	18.950	ug/l	97
46) Dibromomethane	9.21	93	73509	19.452	ug/l	98
47) Bromodichloromethane	9.40	83	160058	19.139	ug/l	99
48) Methyl methacrylate	9.20	41	85009	19.571	ug/l	95
49) 1,4-Dioxane	9.20	88	19667	369.452	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	427970	89.321	ug/l	99
52) Toluene	10.16	92	281842	18.432	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	134134	15.887	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	161673	16.512	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	101833	18.844	ug/l	99
56) Ethyl methacrylate	10.43	69	116639	17.654	ug/l	99
57) 1,3-Dichloropropane	10.71	76	171971	18.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	304704	98.644	ug/l	99
59) 2-Hexanone	10.75	43	264183	85.054	ug/l	97
60) Dibromochloromethane	10.90	129	114839	18.011	ug/l	99
61) 1,2-Dibromoethane	11.01	107	95106	18.130	ug/l	99
64) Tetrachloroethene	10.63	164	116201	20.390	ug/l	98
65) Chlorobenzene	11.43	112	301515	18.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122080	19.889	ug/l	99
67) Ethyl Benzene	11.51	91	508750	18.737	ug/l	100
68) m/p-Xylenes	11.62	106	385064	36.664	ug/l	100
69) o-Xylene	11.95	106	186731	18.495	ug/l	98
70) Styrene	11.96	104	289828	18.116	ug/l	98
71) Bromoform	12.13	173	77667	18.647	ug/l #	97
73) Isopropylbenzene	12.25	105	489033	19.304	ug/l	99
74) N-amyl acetate	12.07	43	116932	18.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	118296	20.025	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	113025m	22.676	ug/l	
77) Bromobenzene	12.53	156	124026	19.340	ug/l	99
78) n-propylbenzene	12.59	91	546602	19.145	ug/l	99
79) 2-Chlorotoluene	12.67	91	337966	19.775	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	404130	19.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22867	14.107	ug/l	95
82) 4-Chlorotoluene	12.77	91	326059	19.115	ug/l	100
83) tert-Butylbenzene	12.99	119	353763	19.241	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	411218	19.756	ug/l	99
85) sec-Butylbenzene	13.17	105	471105	18.940	ug/l	99
86) p-Isopropyltoluene	13.29	119	398906	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	207750	18.720	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	199697	18.701	ug/l	99
89) n-Butylbenzene	13.62	91	296573	16.757	ug/l	99
90) Hexachloroethane	13.87	117	81778	19.070	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	209216	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16585	19.673	ug/l	94

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0923WBSD02

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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	84009	18.722	ug/l	98
94) Hexachlorobutadiene	15.01	225	73654	18.078	ug/l	97
95) Naphthalene	15.13	128	146977	19.092	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	87121	16.859	ug/l	99

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

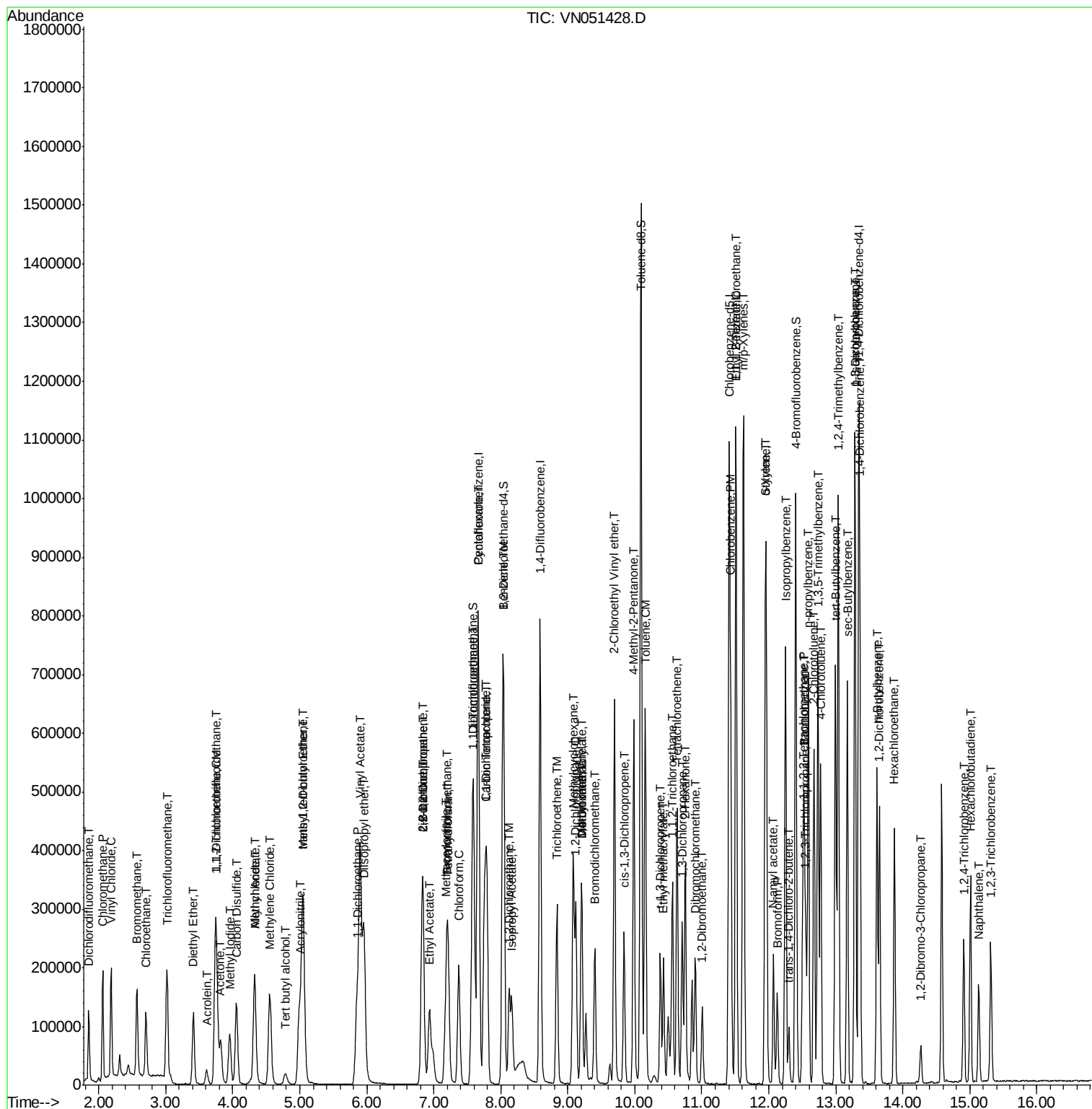
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Data File : VN051428.D
Acq On : 23 Sep 2018 22:08
Operator : MD\SY
Sample : VN0923WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

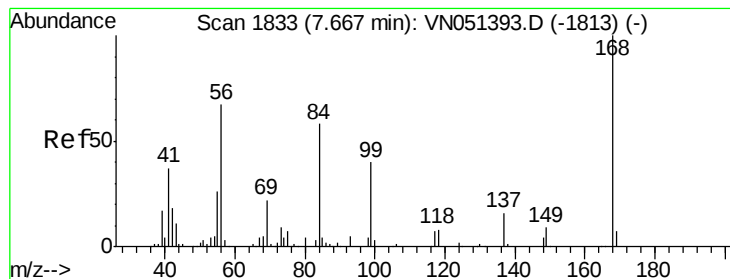
Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 168 Resp: 487442

Ion Ratio Lower Upper

168 100

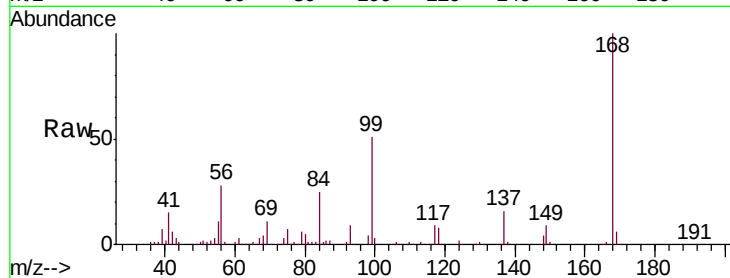
99 50.5 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

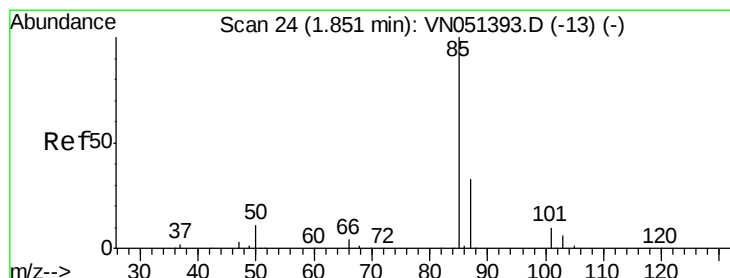
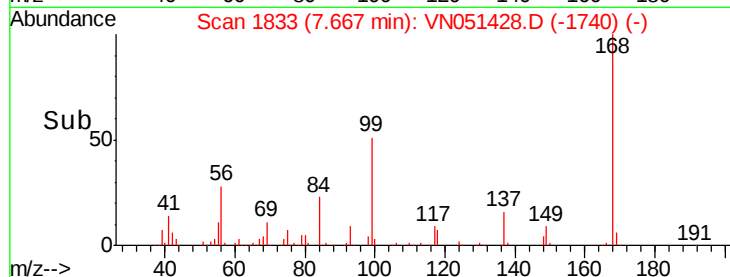
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051428.D

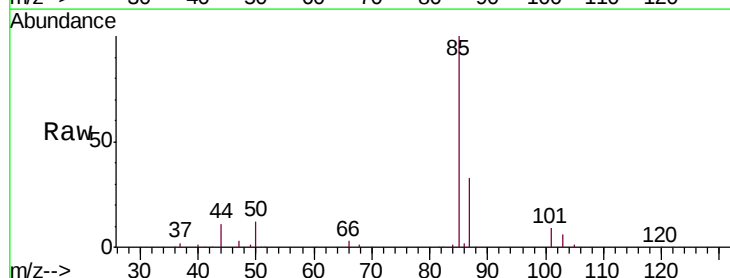
Acq: 23 Sep 2018 22:08

Tgt Ion: 85 Resp: 91648

Ion Ratio Lower Upper

85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

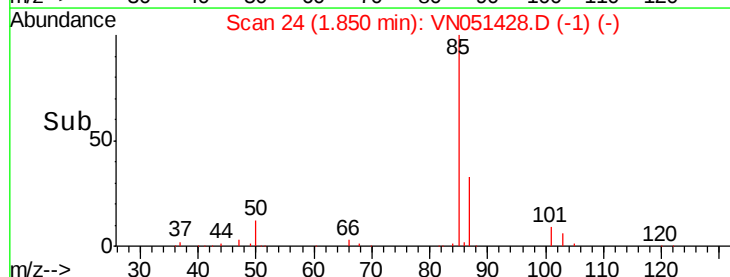
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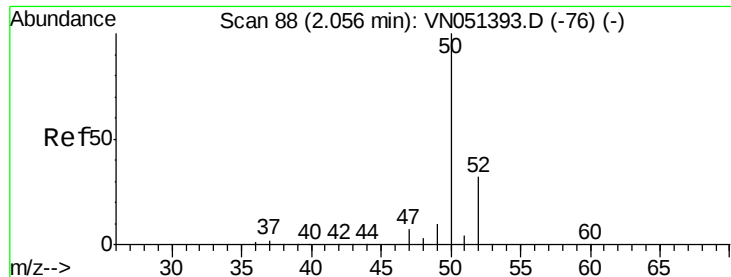
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.825 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 50 Resp: 150760

Ion Ratio Lower Upper

50 100

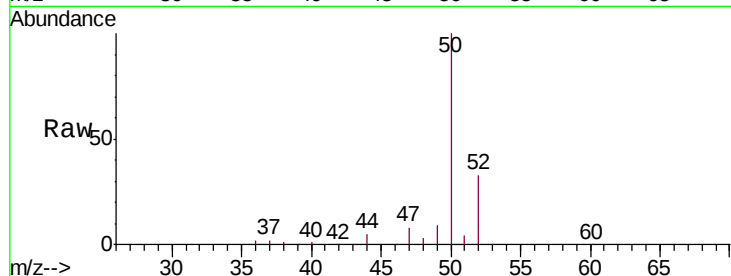
52 32.6 25.7 38.5

Manual Integrations

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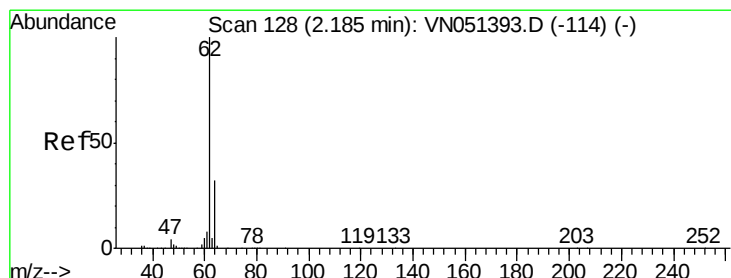
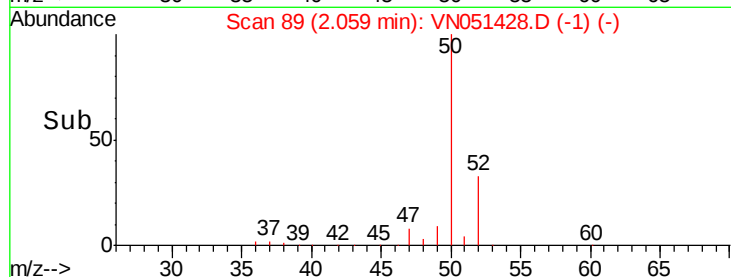
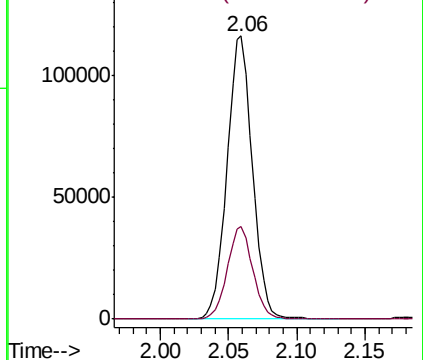
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.564 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051428.D

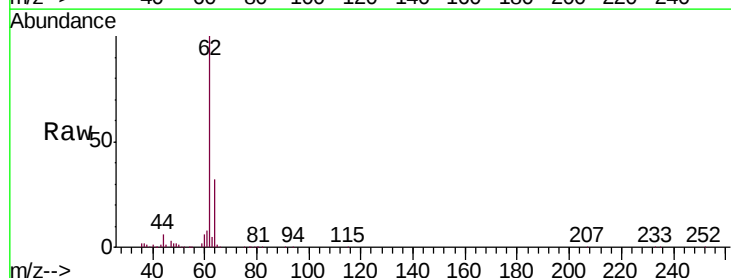
Acq: 23 Sep 2018 22:08

Tgt Ion: 62 Resp: 164307

Ion Ratio Lower Upper

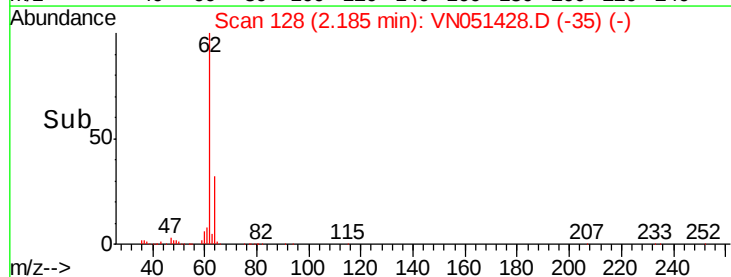
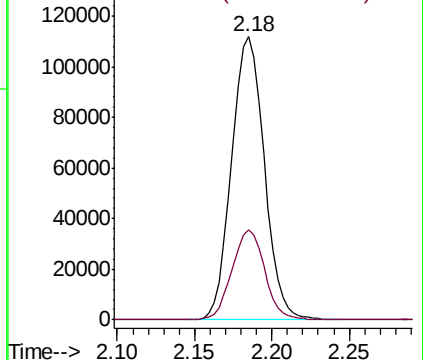
62 100

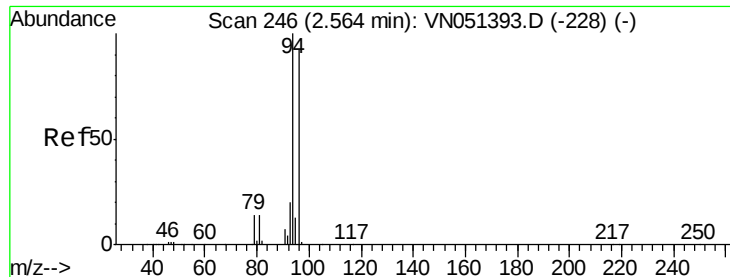
64 31.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.089 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

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Acq: 23 Sep 2018 22:08

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VN0923WBSD02

Tgt Ion: 94 Resp: 100814

Ion Ratio Lower Upper

94 100

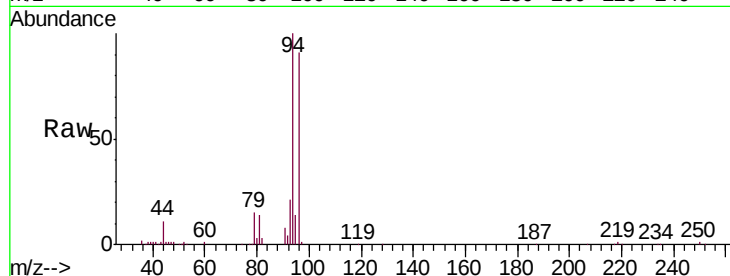
96 90.5 73.6 110.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

60000

50000

40000

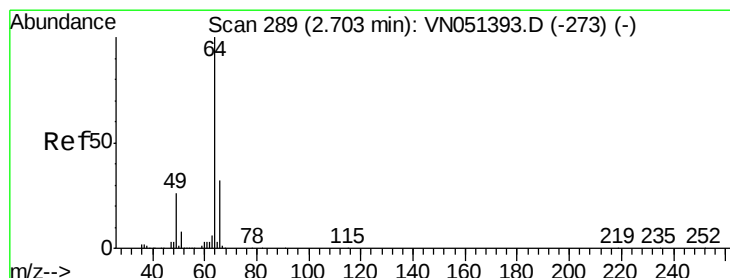
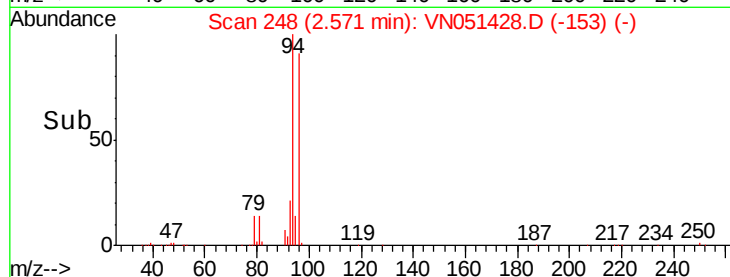
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20000

10000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.636 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051428.D

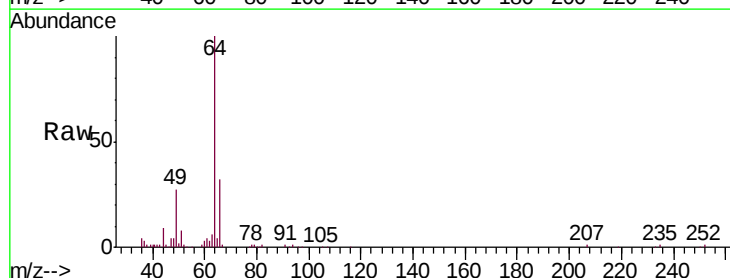
Acq: 23 Sep 2018 22:08

Tgt Ion: 64 Resp: 102740

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

60000

50000

40000

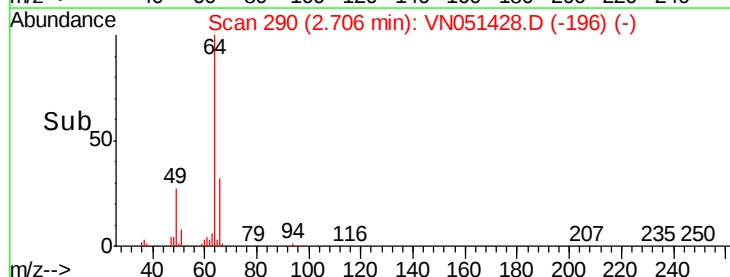
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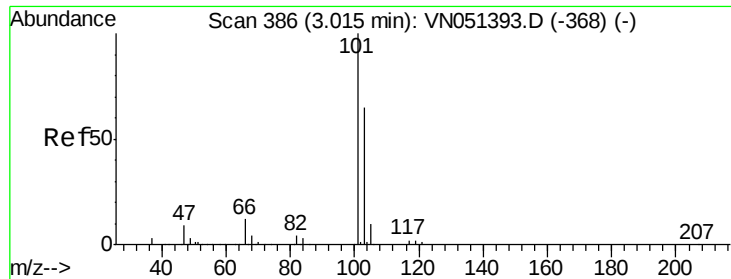
20000

10000

0

Time--> 2.65 2.70 2.75





#7

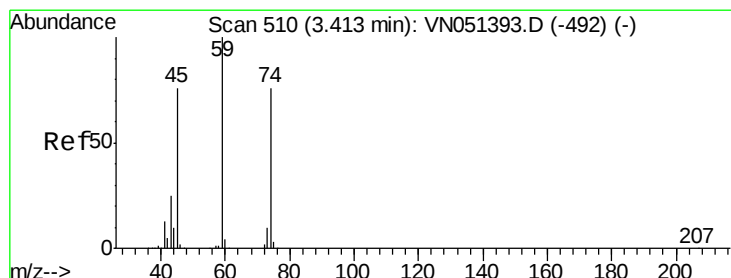
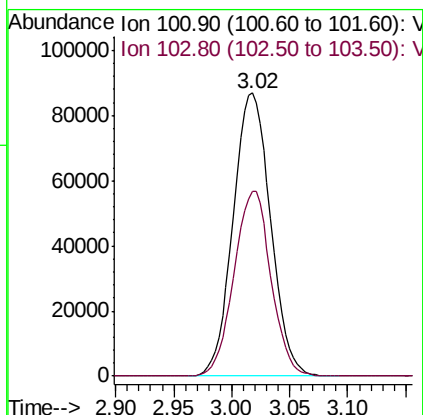
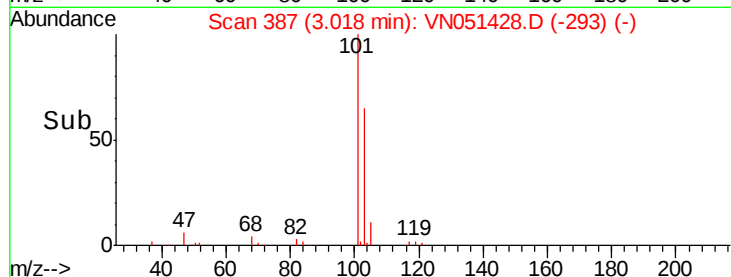
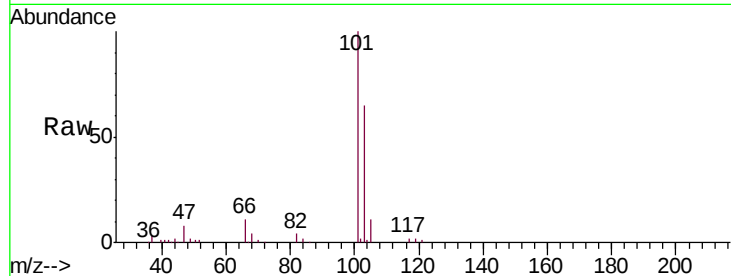
Trichlorofluoromethane
 Concen: 18.666 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
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 VN0923WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	195353		
103	65.4	51.8	77.8	

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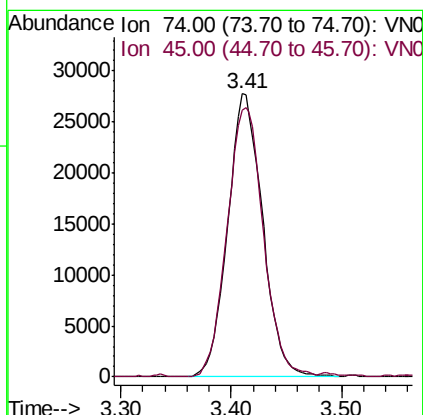
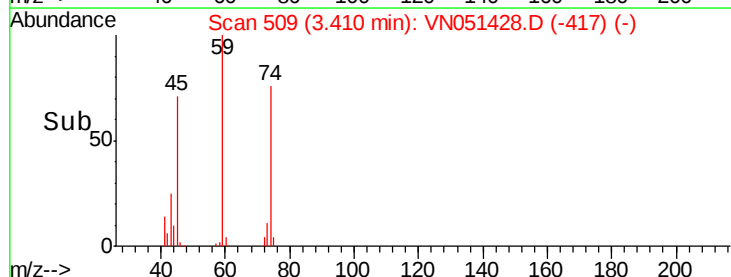
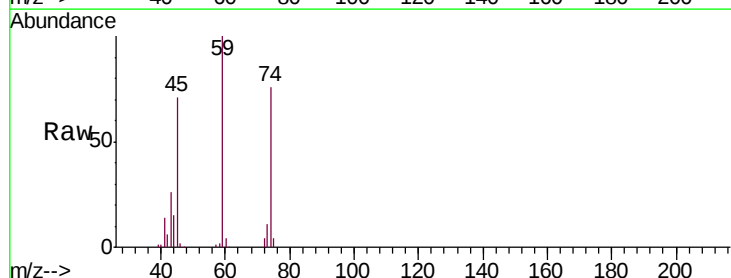
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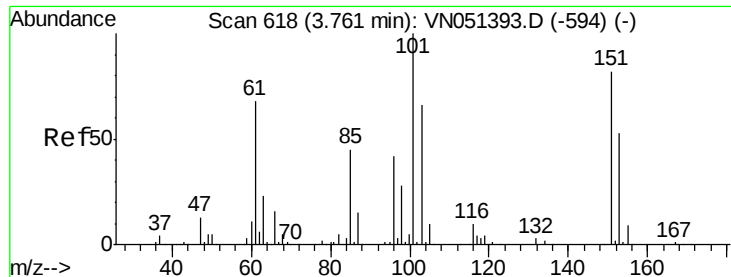


#8

Diethyl Ether
 Concen: 16.704 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60869		
45	99.0	50.2	150.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.343 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

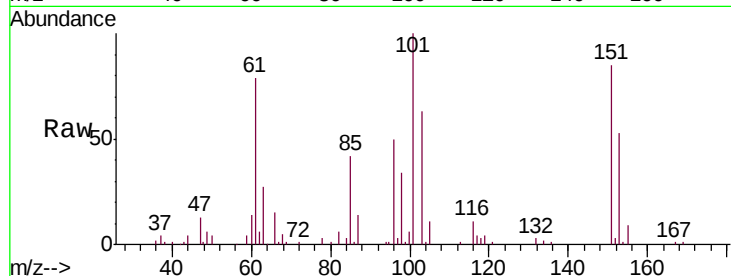
ClientSampleId :

VN0923WBSD02

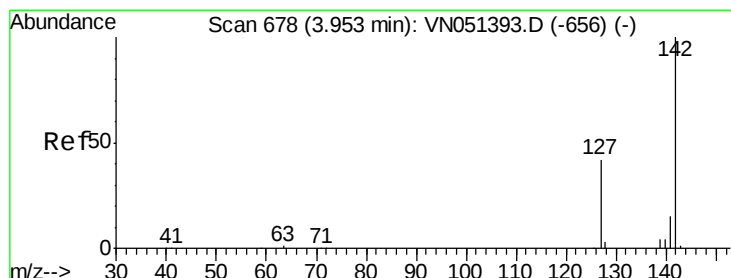
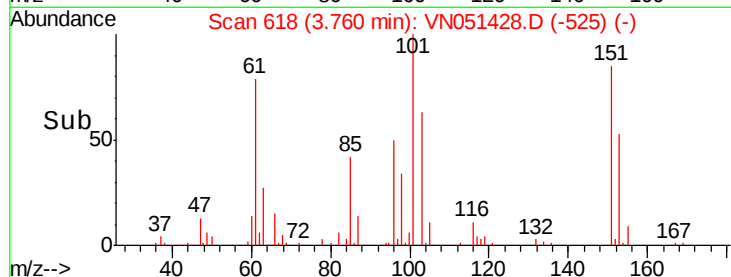
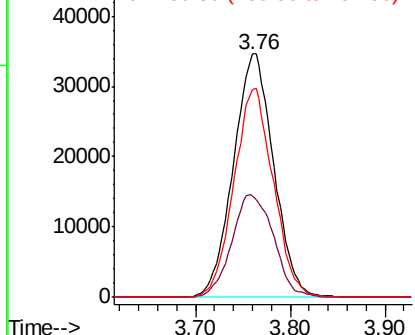
Tgt Ion:	101	Resp:	102438
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.9	50.9
151	83.7	65.2	97.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.951 ug/l

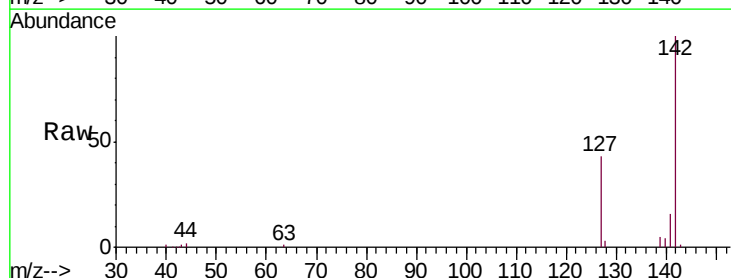
RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

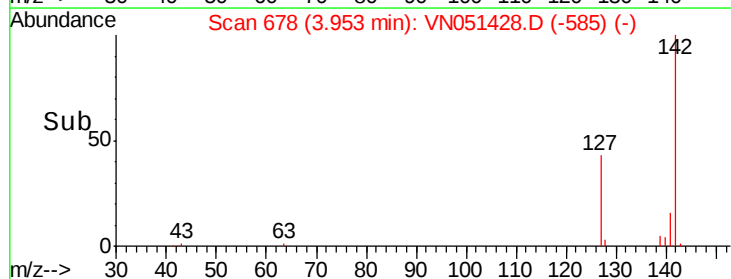
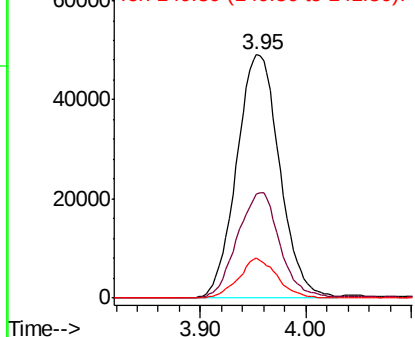
Lab File: VN051428.D

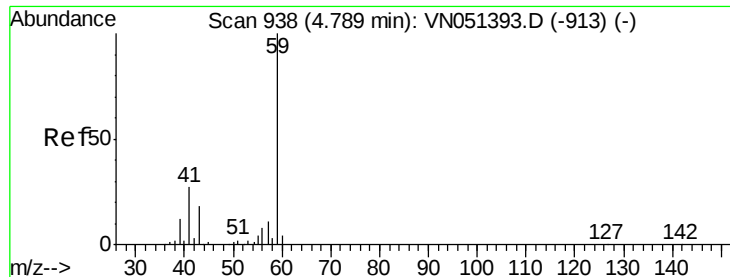
Acq: 23 Sep 2018 22:08

Tgt Ion:	142	Resp:	139447
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.2	49.8
141	14.5	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





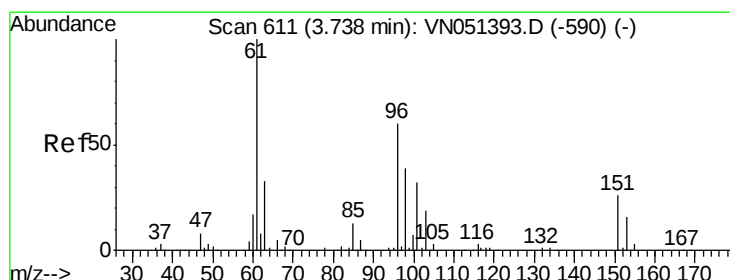
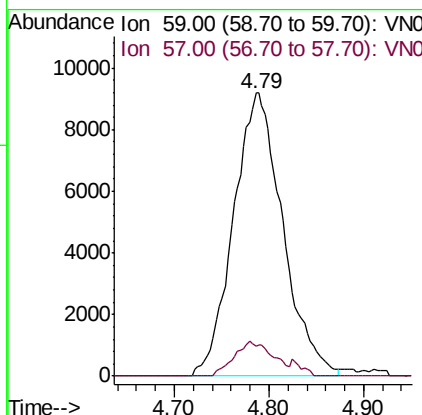
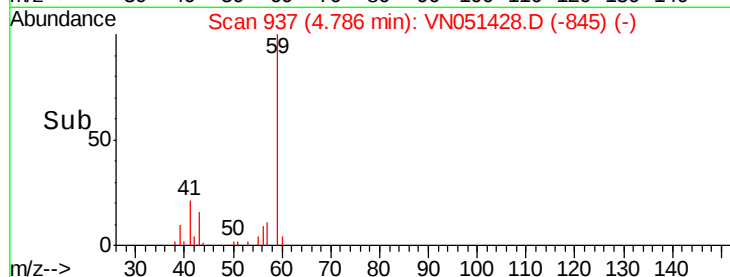
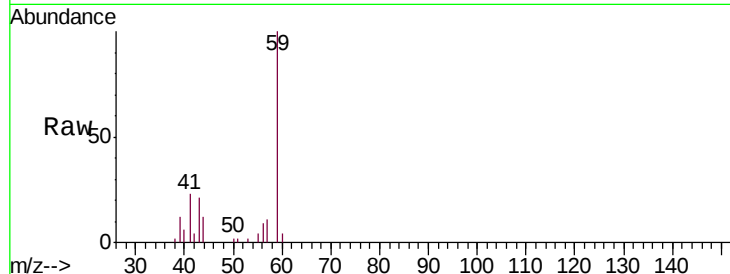
#11
Tert butyl alcohol
Concen: 96.592 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion: 59 Resp: 33287
Ion Ratio Lower Upper
59 100
57 9.6 6.2 9.2#

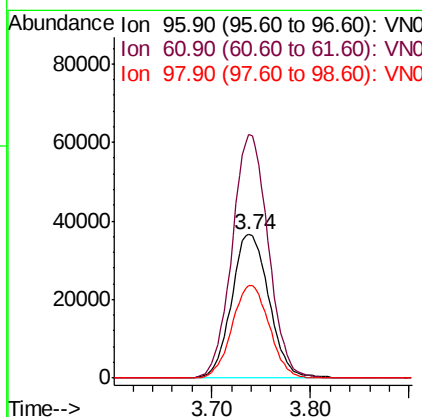
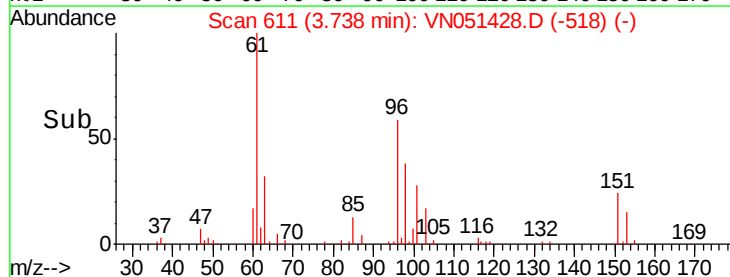
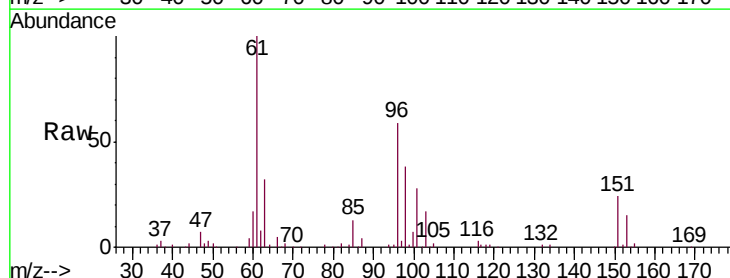
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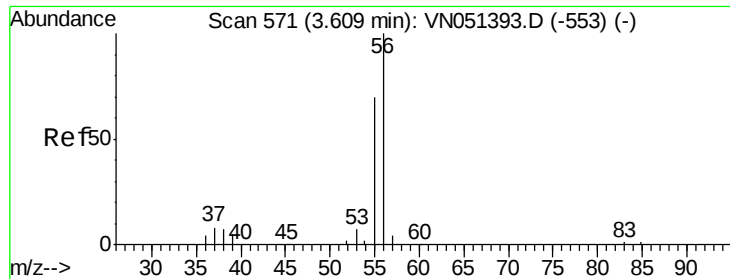
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#12
1,1-Dichloroethene
Concen: 17.773 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 96 Resp: 96388
Ion Ratio Lower Upper
96 100
61 169.6 133.6 200.4
98 64.8 52.2 78.2





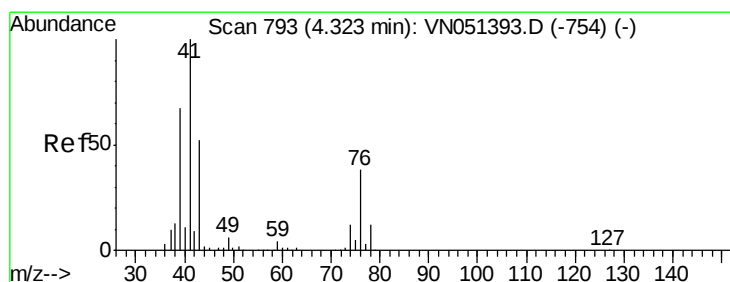
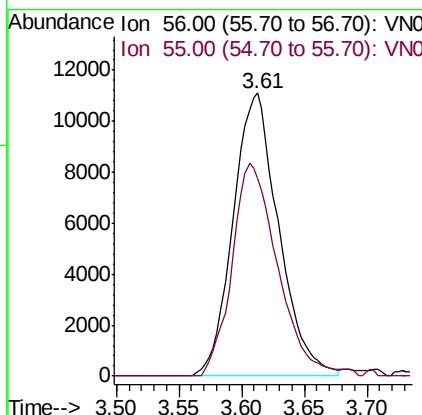
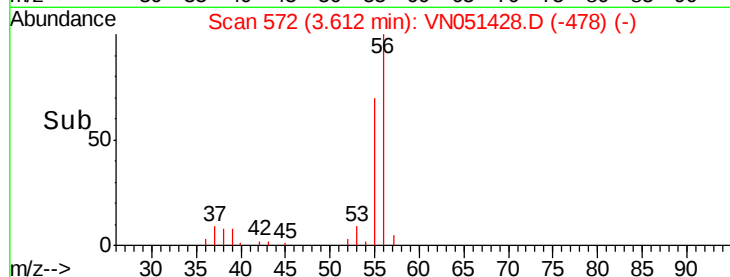
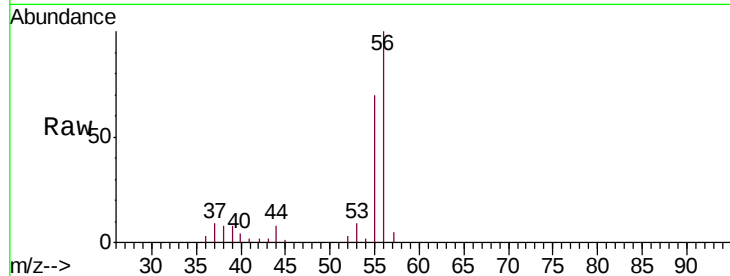
#13
Acrolein
Concen: 82.063 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion: 56 Resp: 28082
Ion Ratio Lower Upper
56 100
55 75.5 57.8 86.8

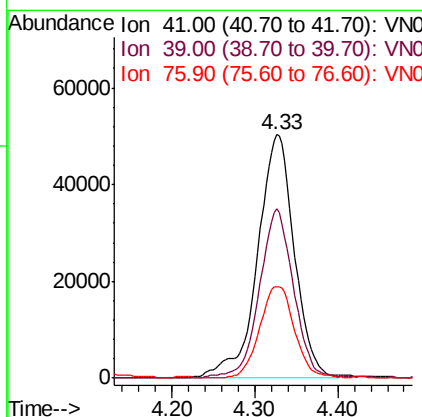
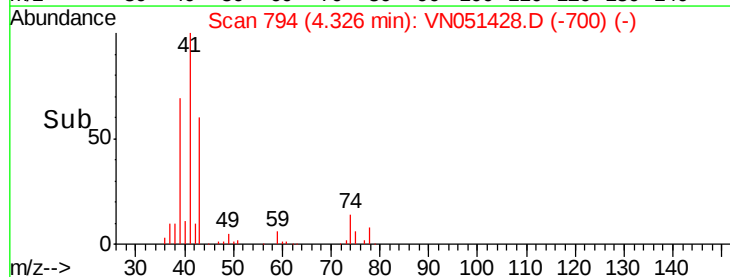
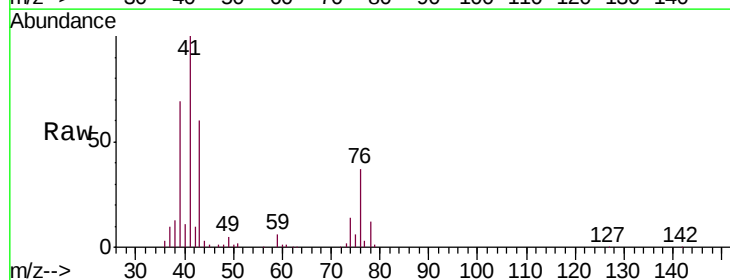
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#14
Allyl chloride
Concen: 17.075 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 41 Resp: 155370
Ion Ratio Lower Upper
41 100
39 64.7 51.4 77.2
76 35.8 28.1 42.1





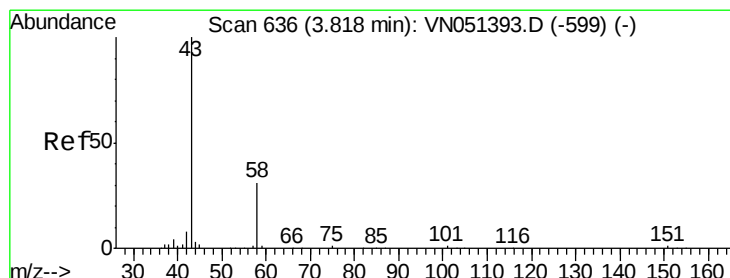
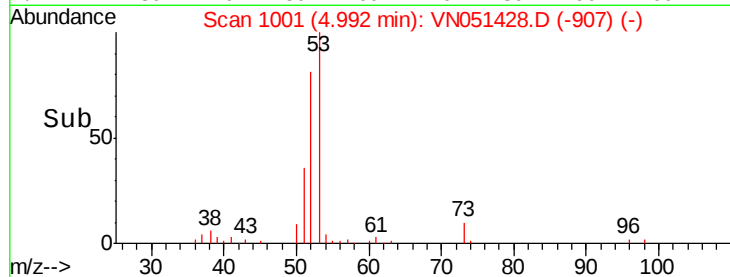
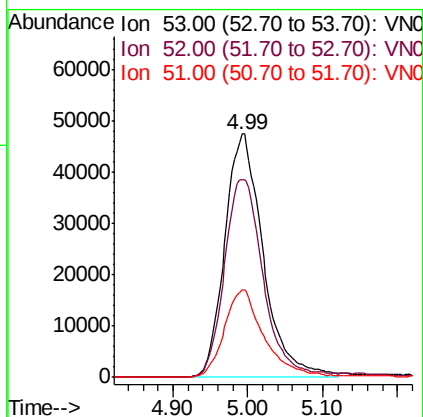
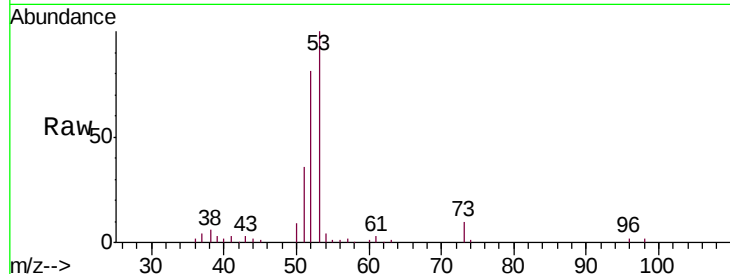
#15
 Acrylonitrile
 Concen: 90.399 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	37.1	28.6	42.8

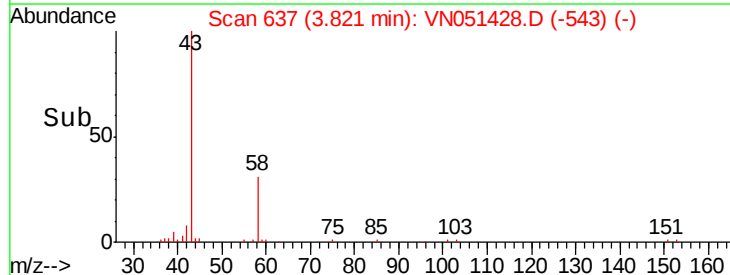
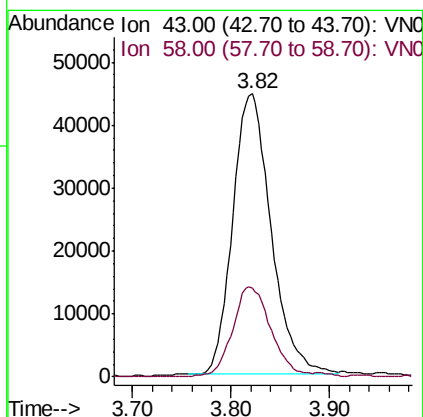
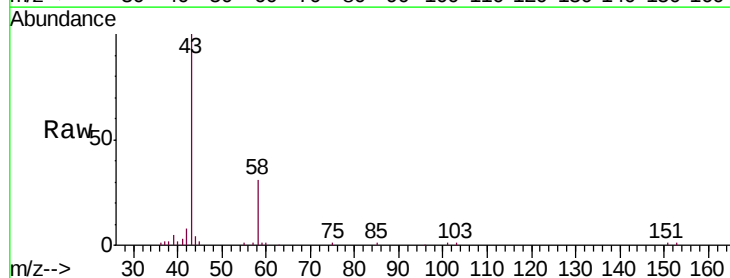
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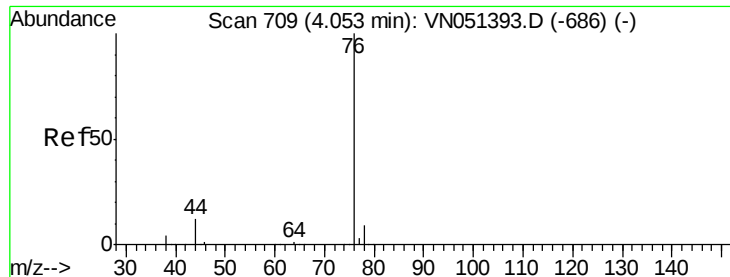
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#16
 Acetone
 Concen: 71.890 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.0	37.4





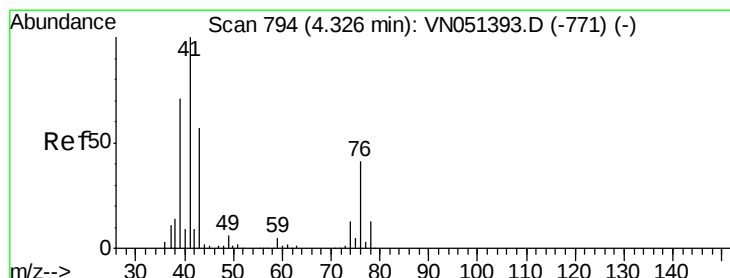
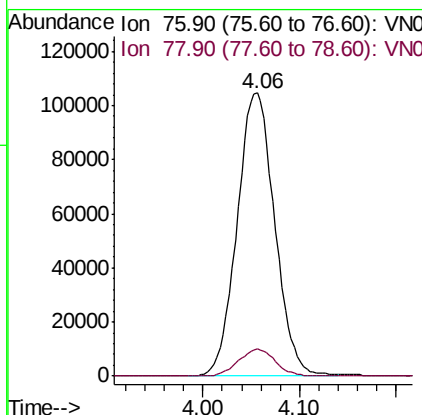
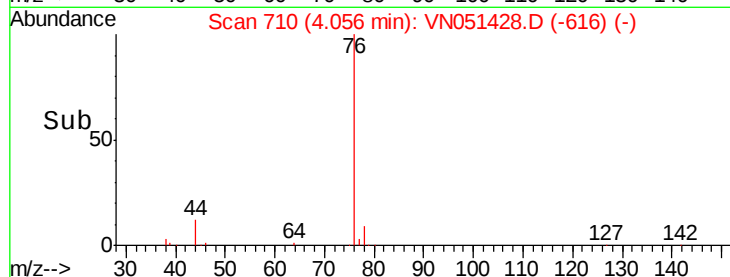
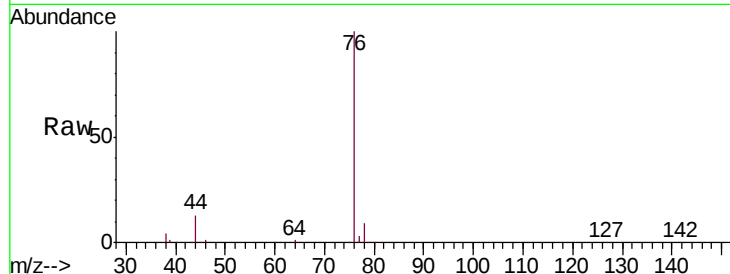
#17
Carbon Disulfide
Concen: 17.750 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

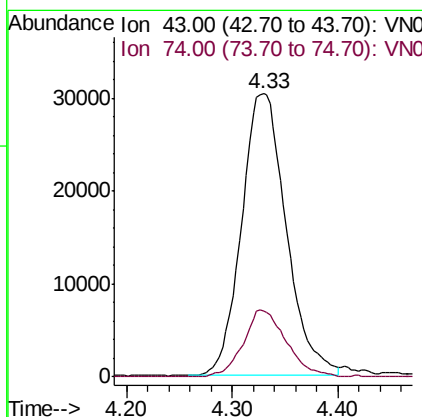
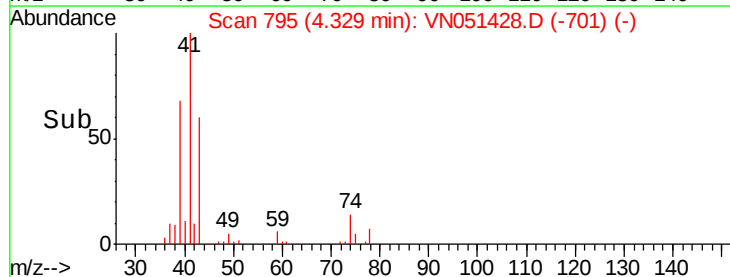
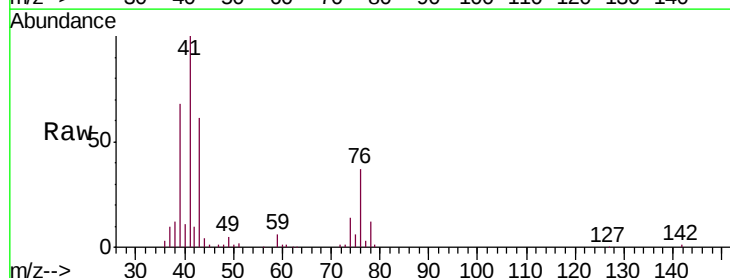
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#18
Methyl Acetate
Concen: 19.227 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.8	28.2





#19

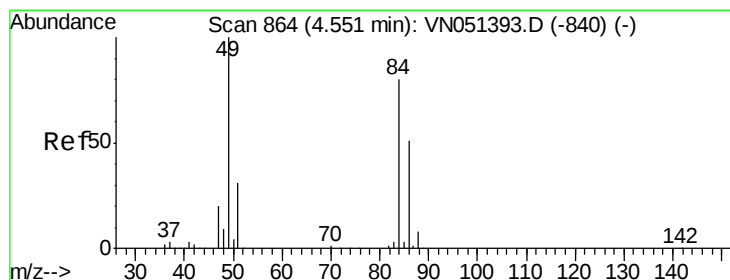
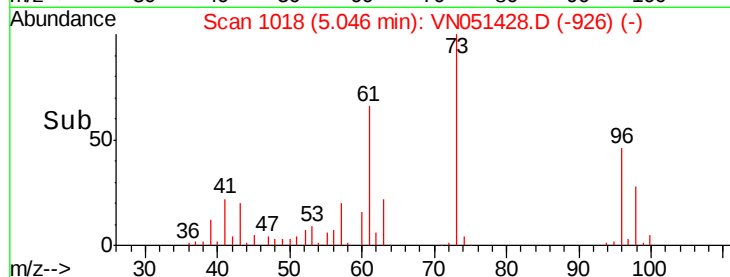
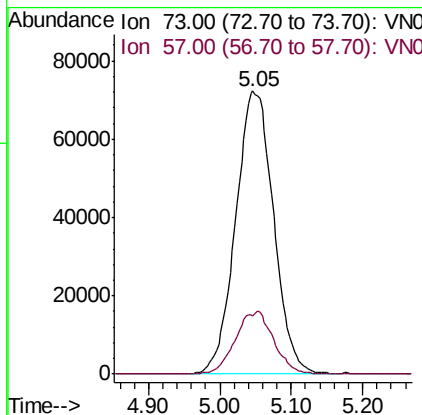
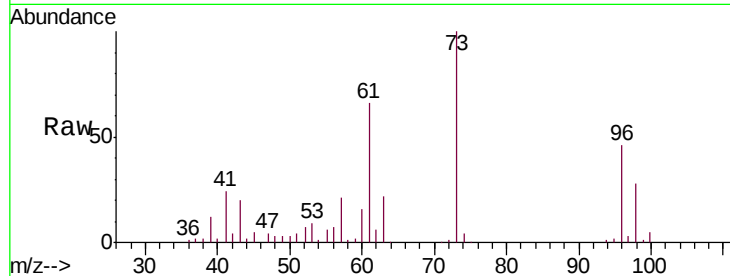
Methyl tert-butyl Ether
 Concen: 19.138 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion: 73 Resp: 267642
 Ion Ratio Lower Upper
 73 100
 57 20.7 18.3 27.5

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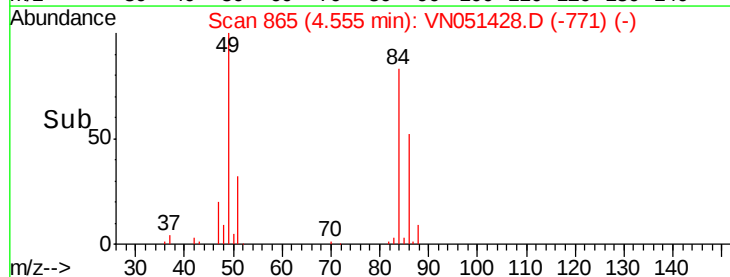
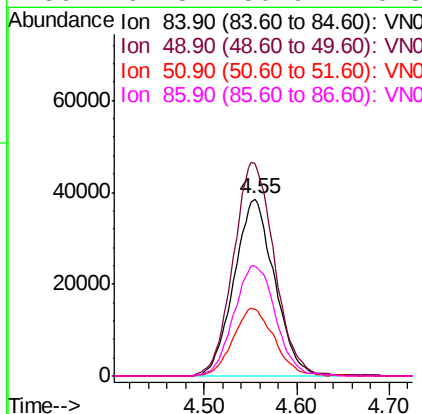
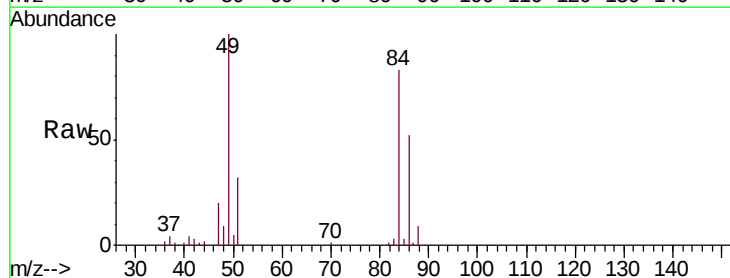
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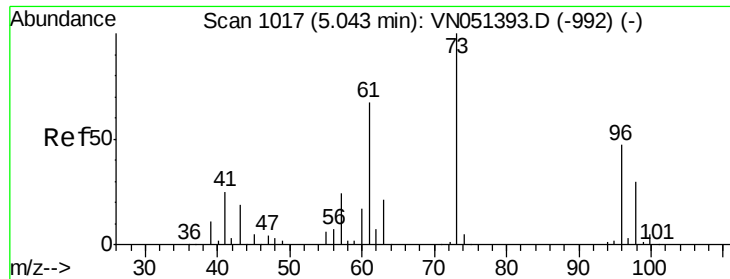


#20

Methylene Chloride
 Concen: 19.345 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 84 Resp: 116889
 Ion Ratio Lower Upper
 84 100
 49 120.0 99.9 149.9
 51 38.0 31.4 47.2
 86 62.3 50.9 76.3





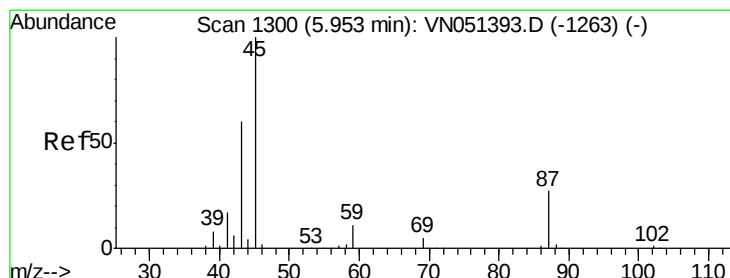
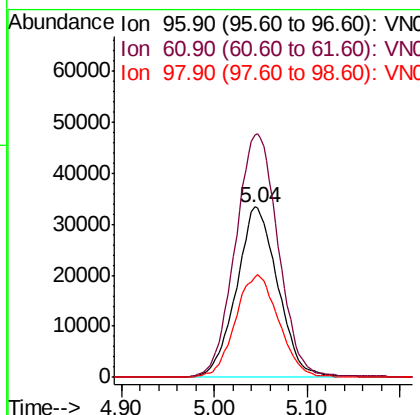
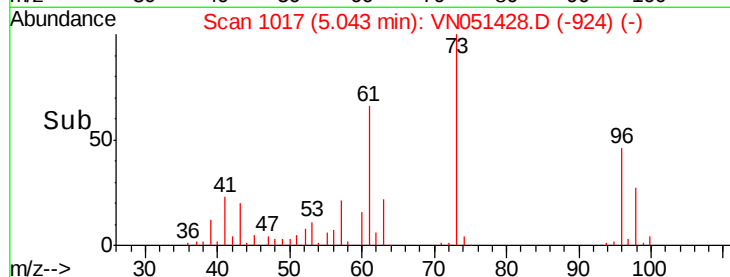
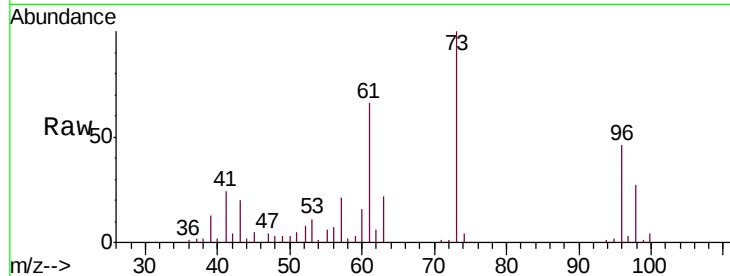
#21
trans-1,2-Dichloroethene
Concen: 18.694 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	113.4	170.2
98	58.7	51.1	76.7

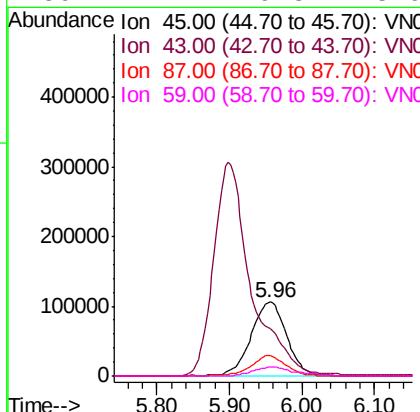
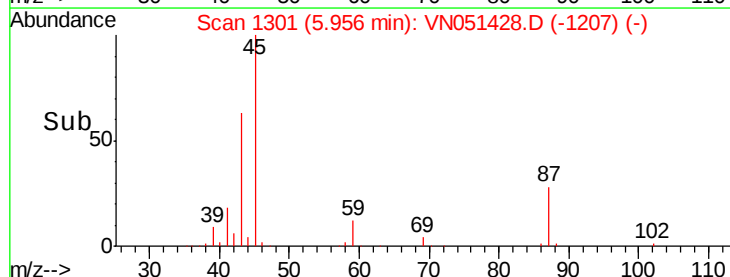
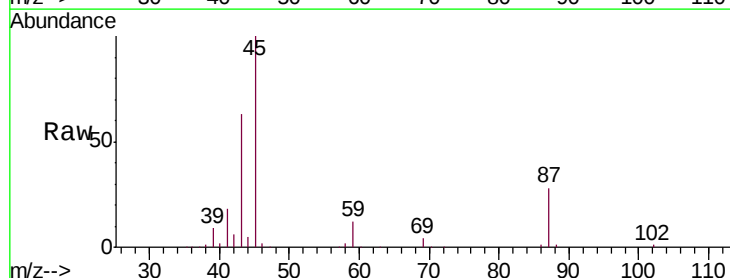
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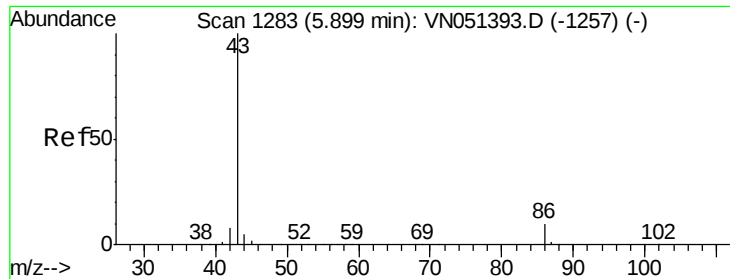
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#22
Diisopropyl ether
Concen: 20.594 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.5	47.7	71.5
87	27.6	22.0	33.0
59	11.4	9.3	13.9





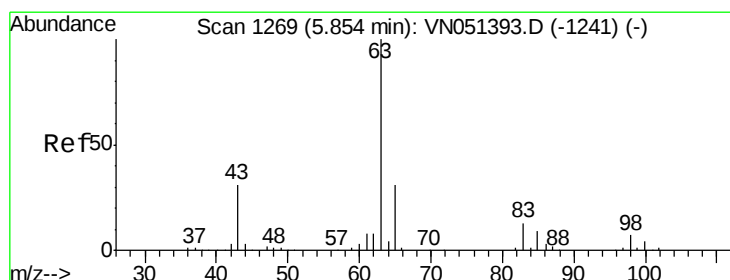
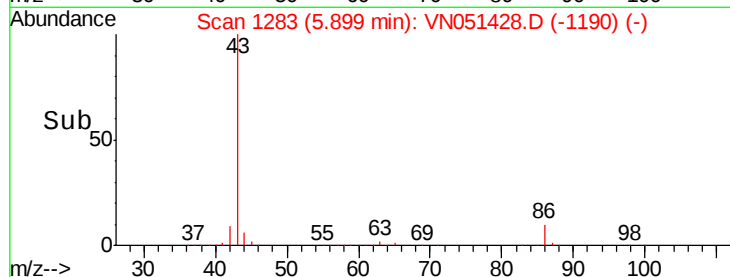
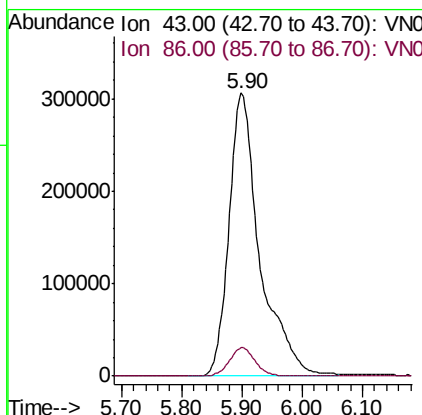
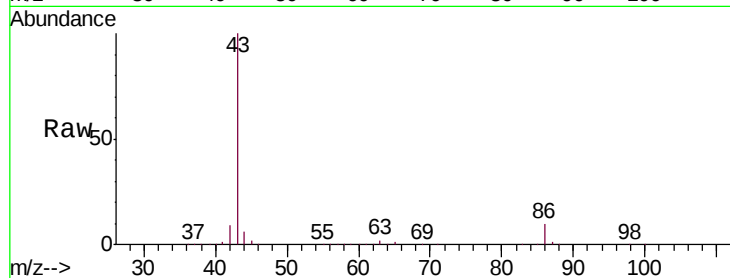
#23
 Vinyl Acetate
 Concen: 94.921 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion: 43 Resp: 1096080
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

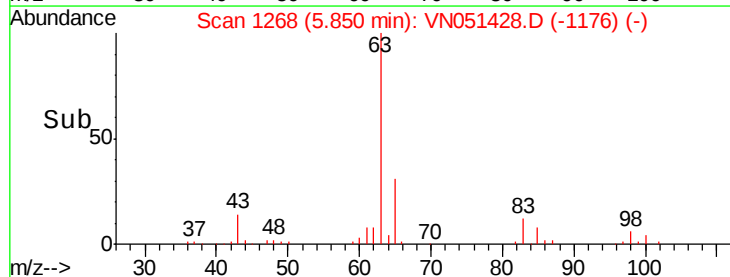
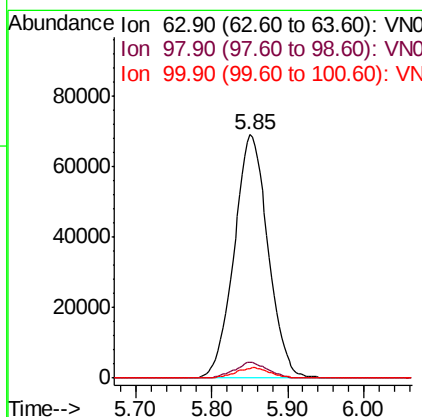
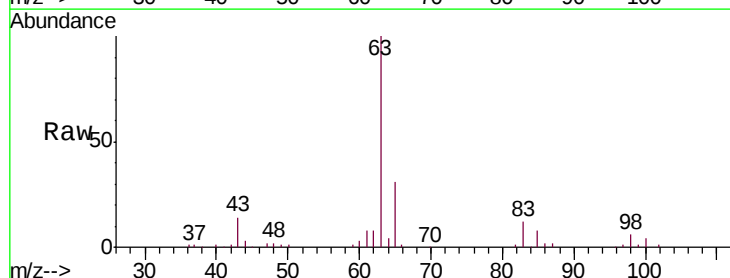
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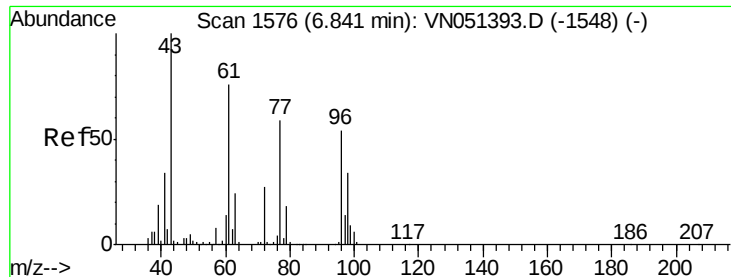
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#24
 1,1-Dichloroethane
 Concen: 20.406 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 63 Resp: 214151
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 86.786 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 43 Resp: 181380

Ion Ratio Lower Upper

43 100

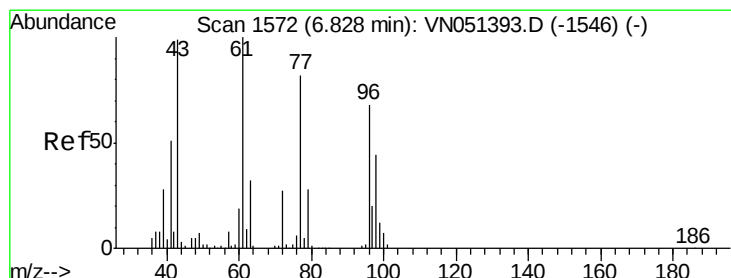
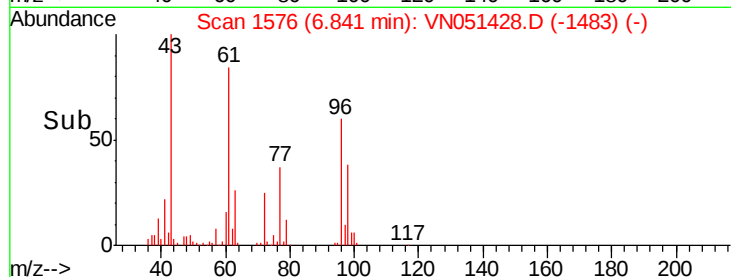
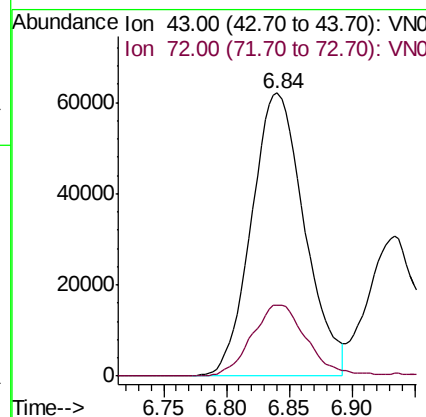
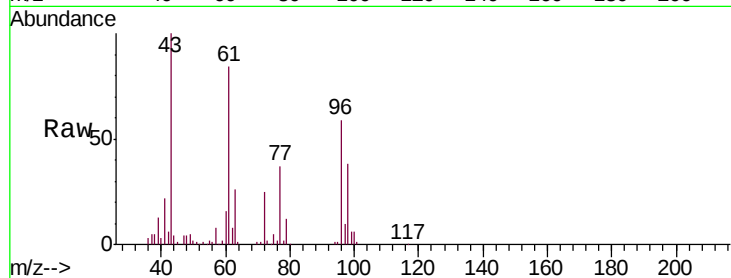
72 25.3 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 10.915 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051428.D

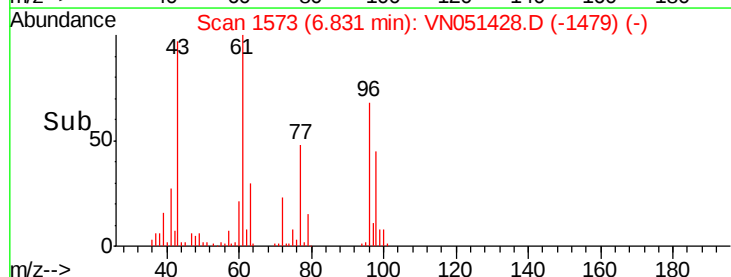
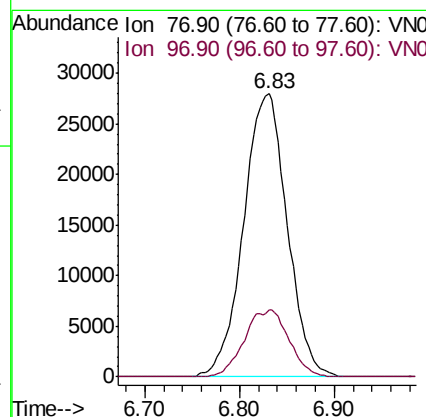
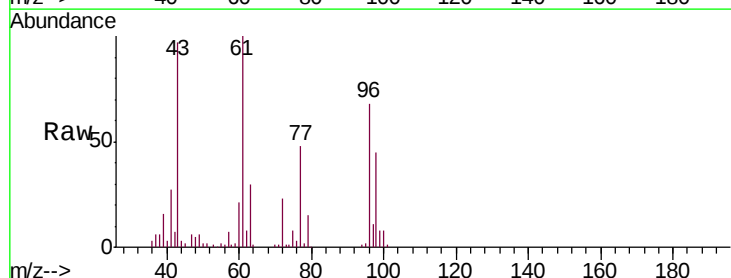
Acq: 23 Sep 2018 22:08

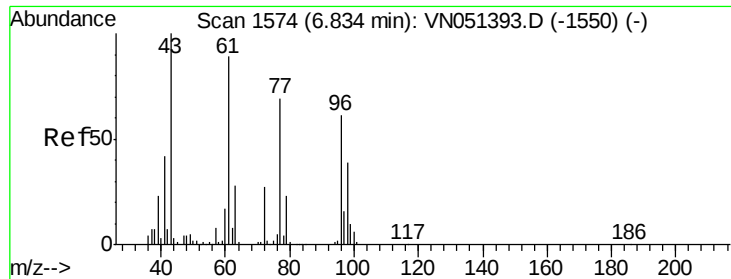
Tgt Ion: 77 Resp: 89417

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.5





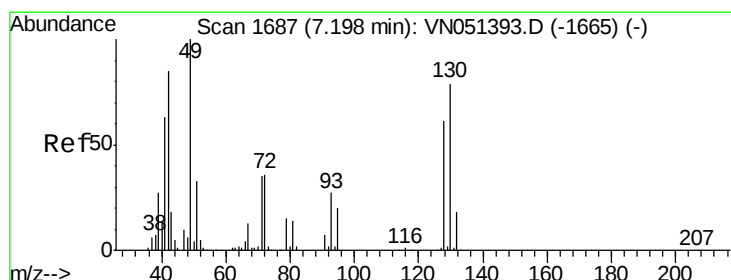
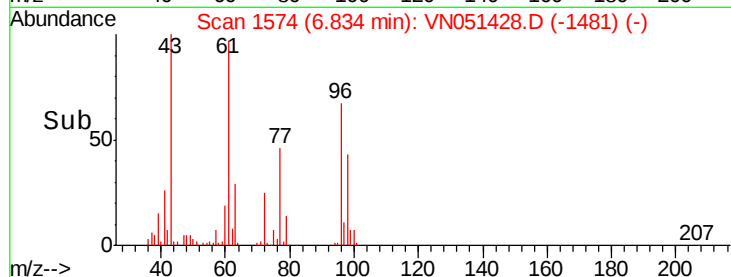
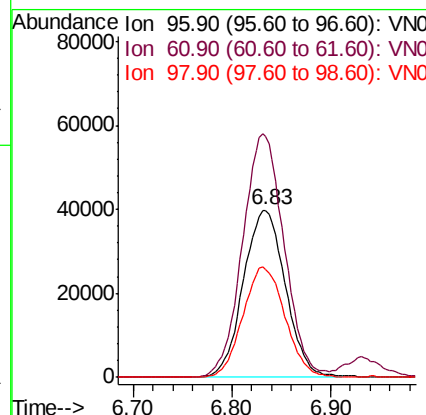
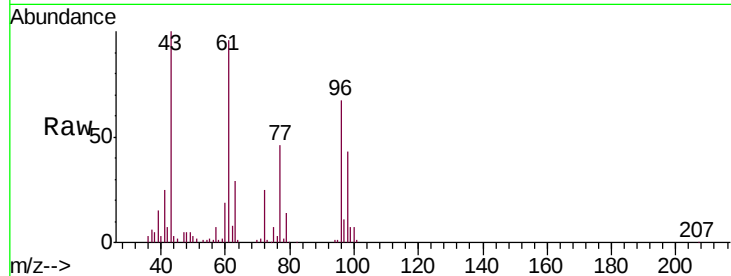
#27
 cis-1,2-Dichloroethene
 Concen: 19.286 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	117407		
61	143.8	0.0	291.4	
98	66.4	0.0	128.4	

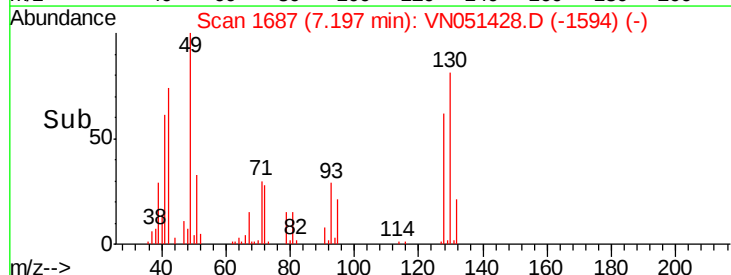
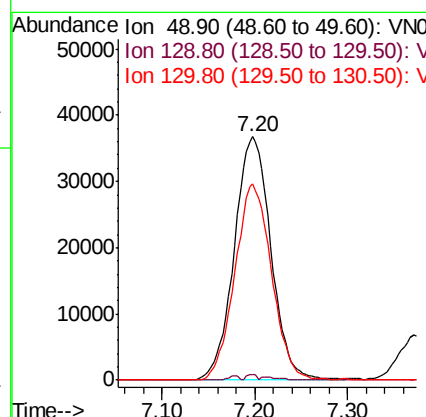
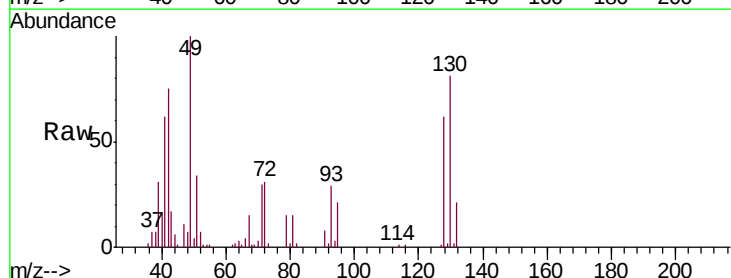
Manual Integrations
 APPROVED

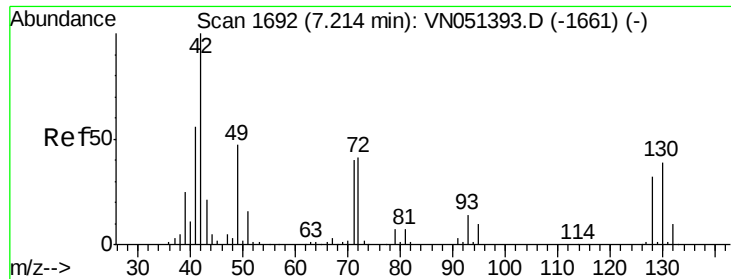
apatel
 9/25/2018 11:52:18 AM



#28
 Bromochloromethane
 Concen: 20.801 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100807		
129	0.6	0.0	3.8	
130	80.8	63.0	94.4	





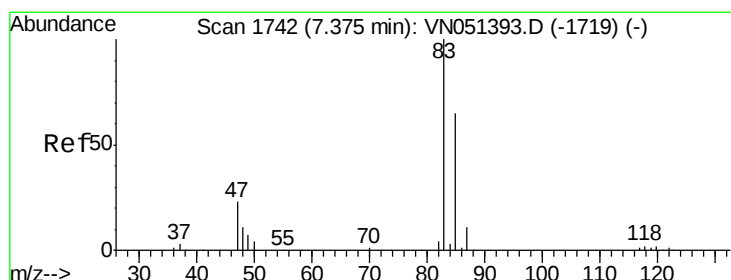
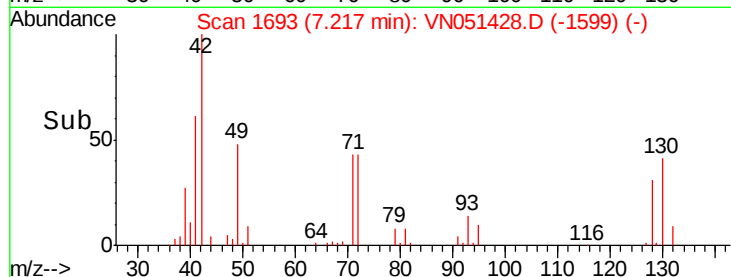
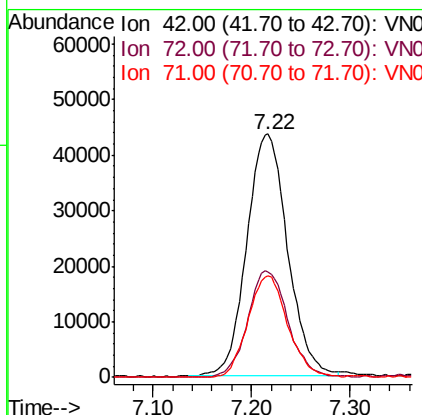
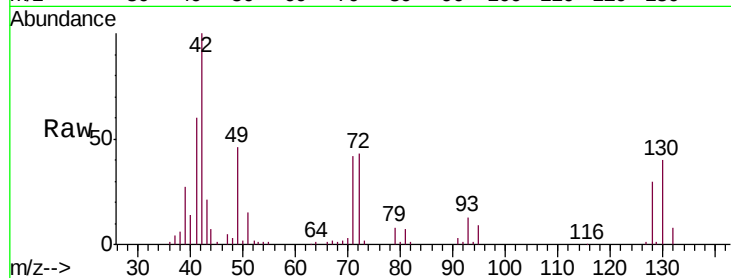
#29
Tetrahydrofuran
Concen: 94.399 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.3	51.5
71	40.8	32.2	48.4

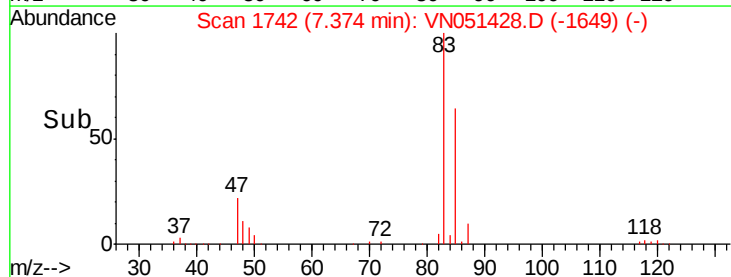
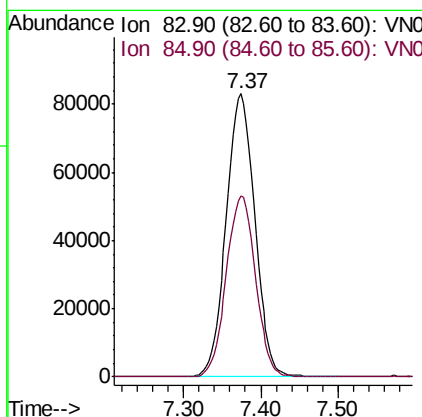
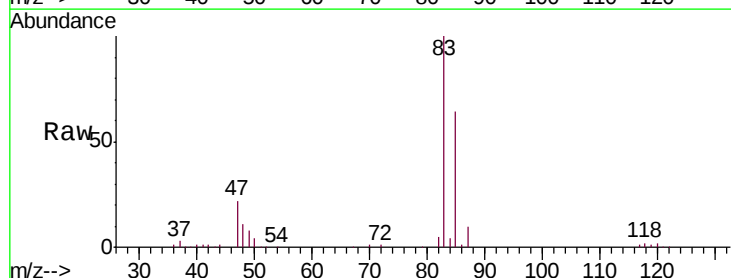
Manual Integrations
APPROVED

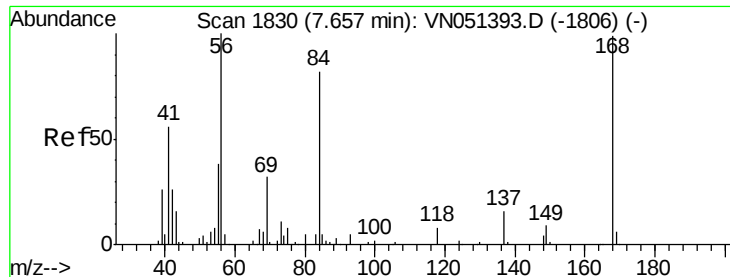
apatel
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#30
Chloroform
Concen: 20.565 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6





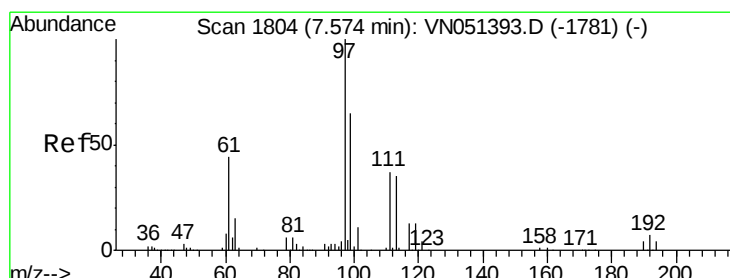
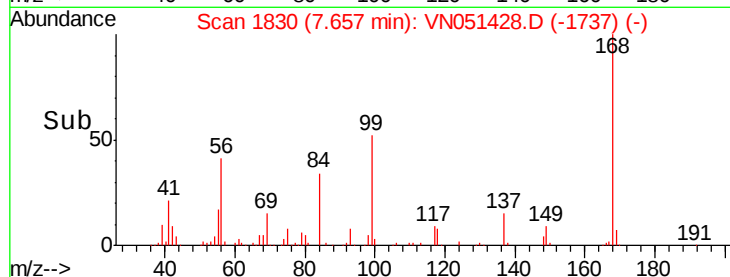
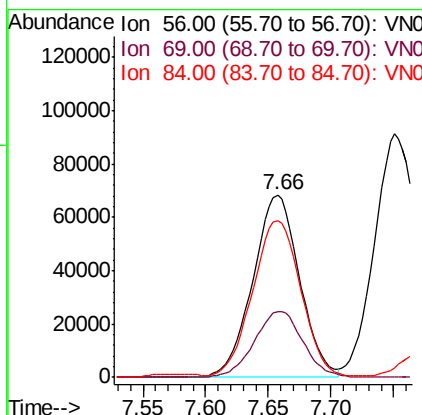
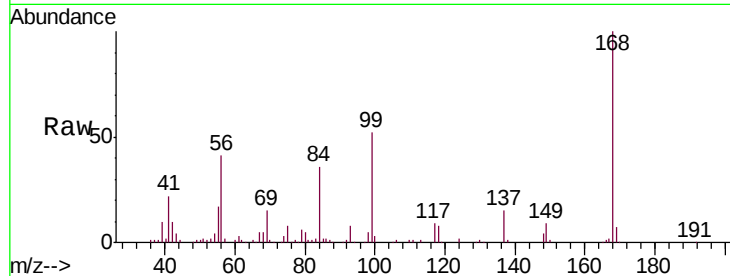
#31
Cyclohexane
Concen: 18.478 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.8	38.6
84	84.5	66.0	99.0

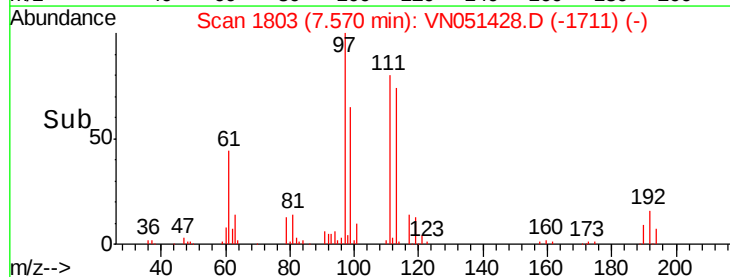
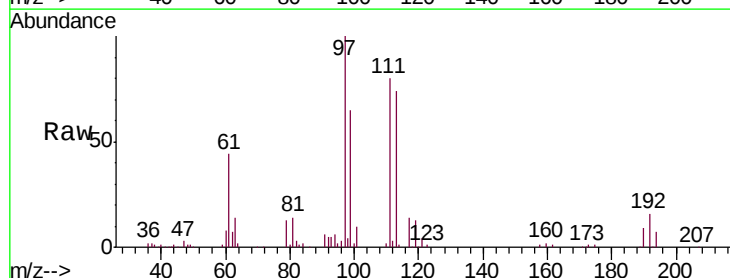
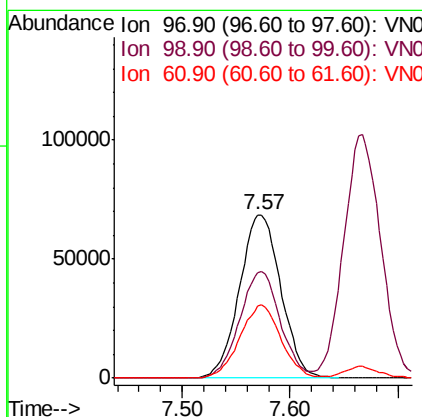
Manual Integrations
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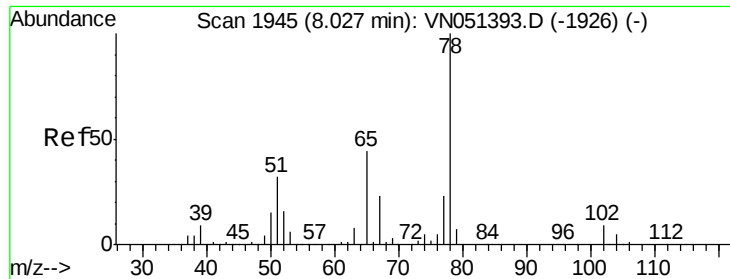
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.565 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	44.4	35.8	53.8





#33

1,2-Dichloroethane-d4

Concen: 54.699 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 65 Resp: 334000

Ion Ratio Lower Upper

65 100

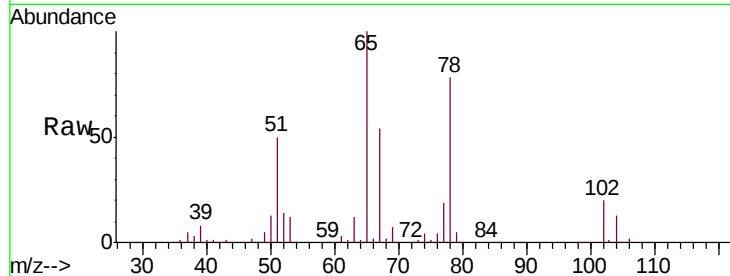
67 53.7 0.0 107.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

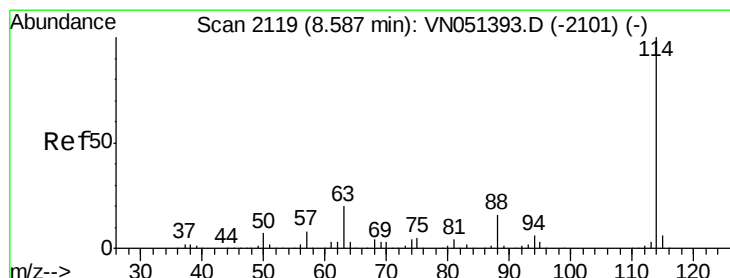
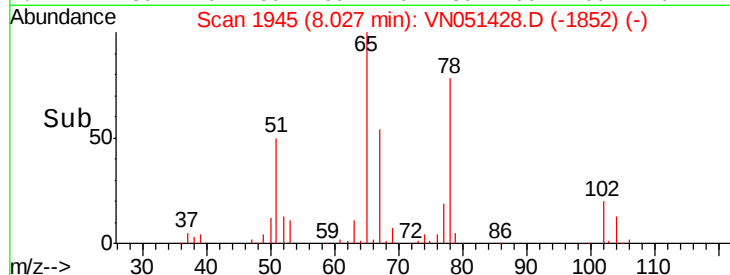
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

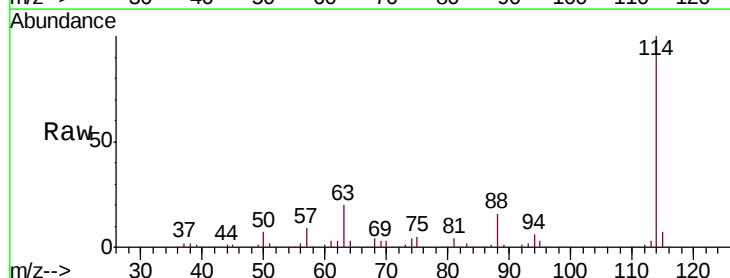
Tgt Ion: 114 Resp: 723611

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

400000

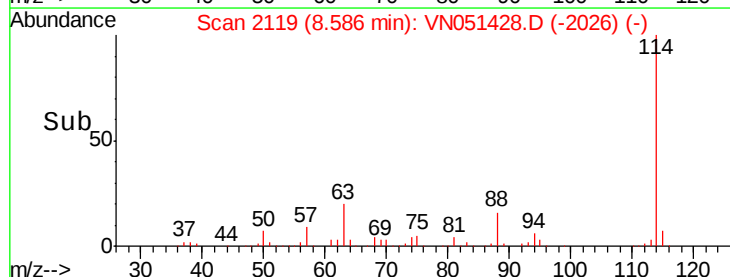
300000

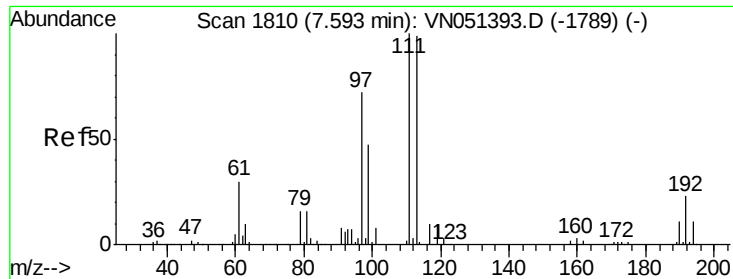
200000

100000

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Time-->





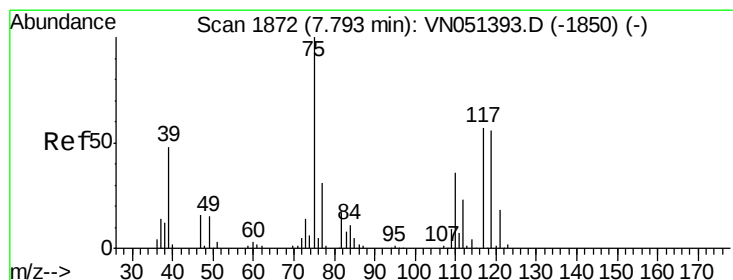
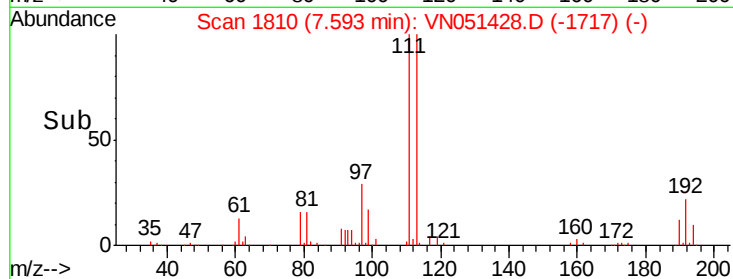
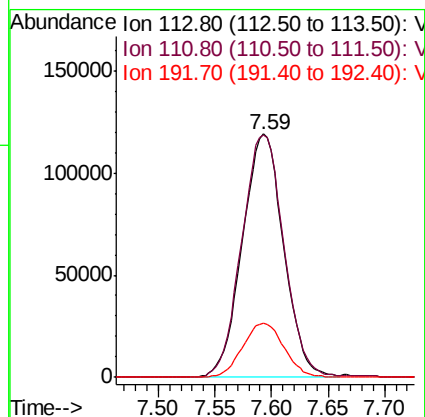
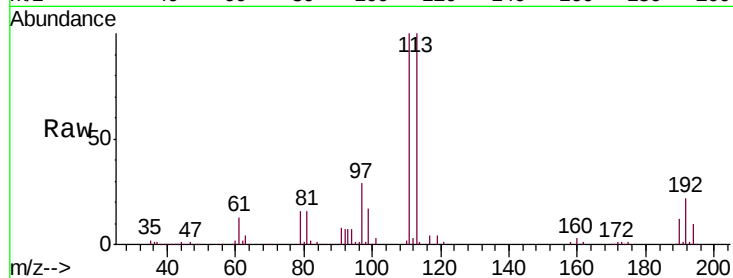
#35
 Dibromofluoromethane
 Concen: 52.150 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	301761		
111	102.6	82.6	123.8	
192	22.4	18.0	27.0	

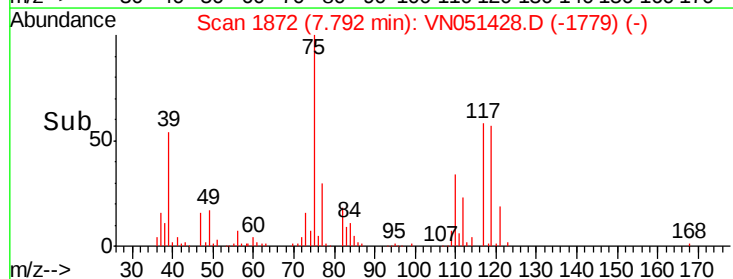
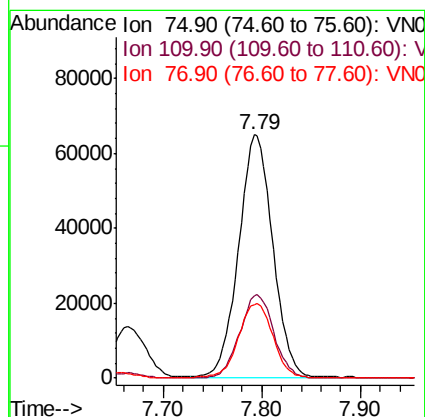
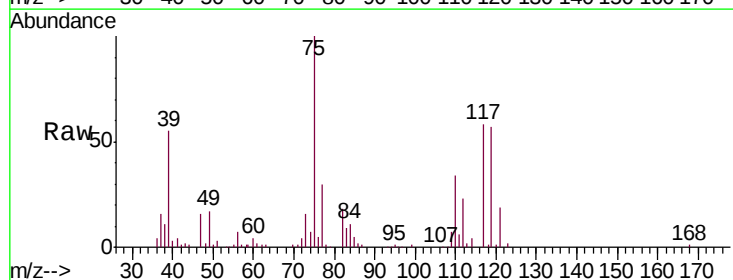
Manual Integrations
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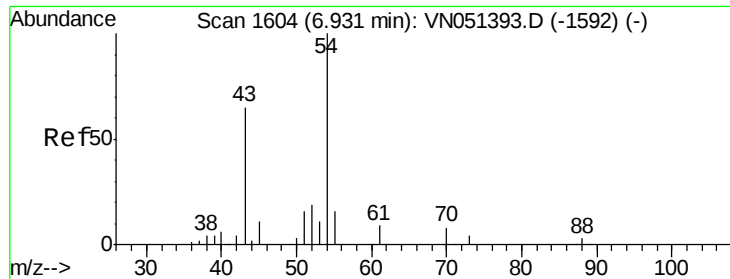
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#36
 1,1-Dichloropropene
 Concen: 18.611 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	155949		
110	34.2	18.1	54.3	
77	31.2	25.6	38.4	





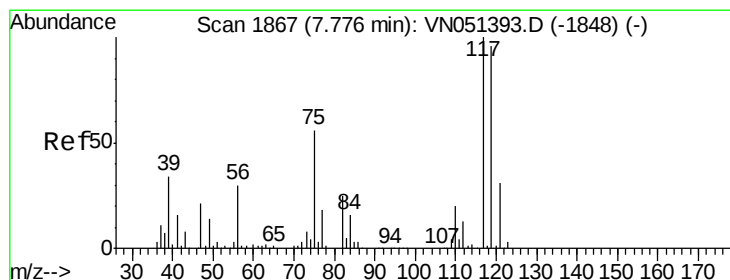
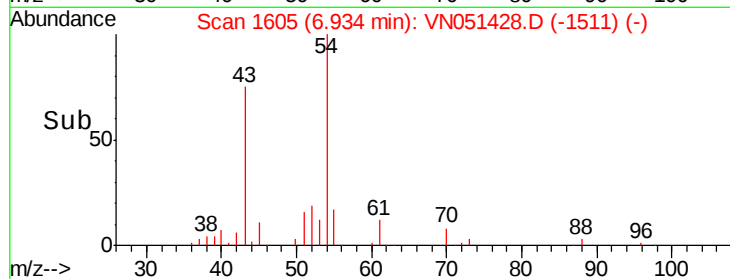
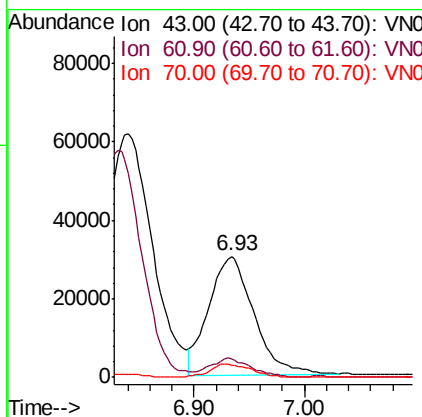
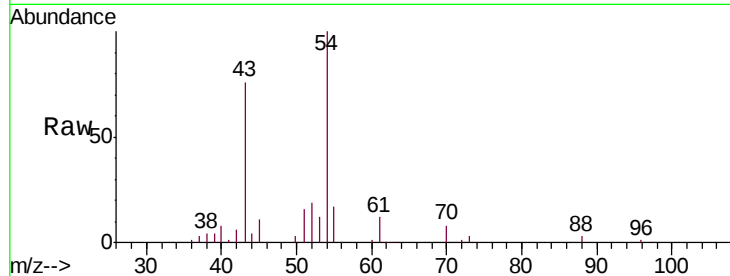
#37
Ethyl Acetate
Concen: 17.720 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	10.4	7.9	11.9

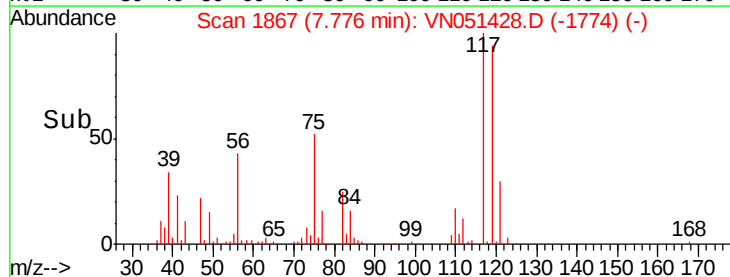
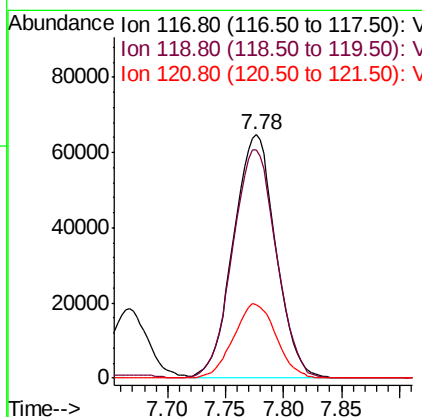
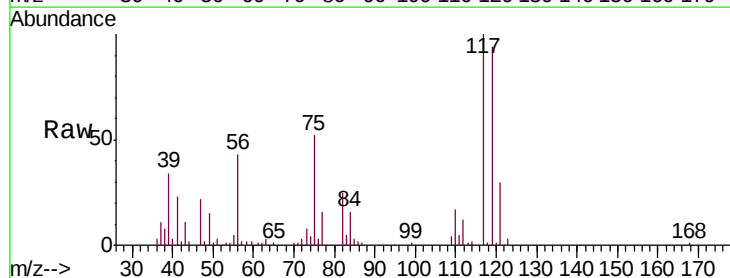
Manual Integrations
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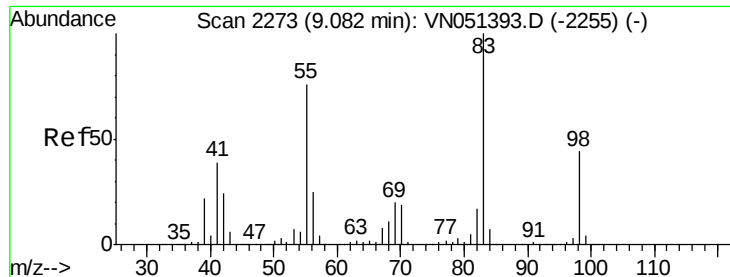
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#38
Carbon Tetrachloride
Concen: 18.849 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.9	115.3
121	30.4	24.6	37.0





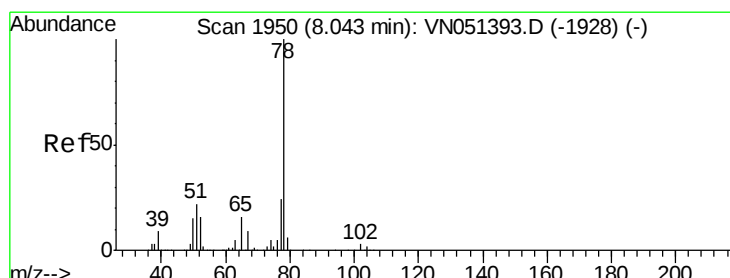
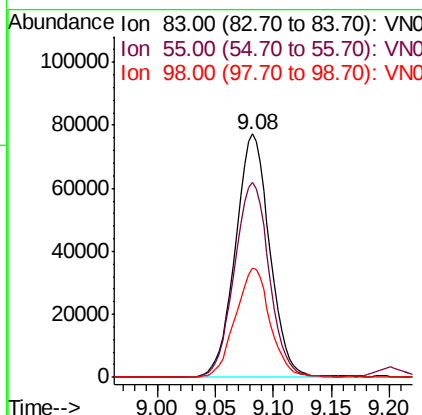
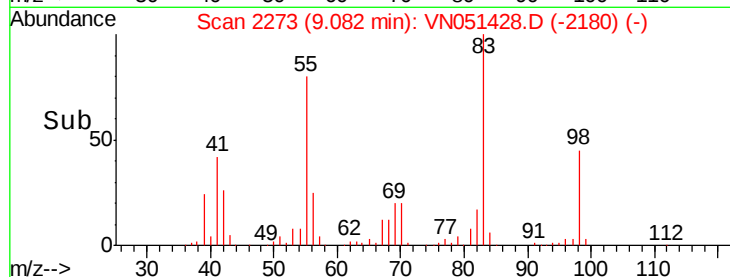
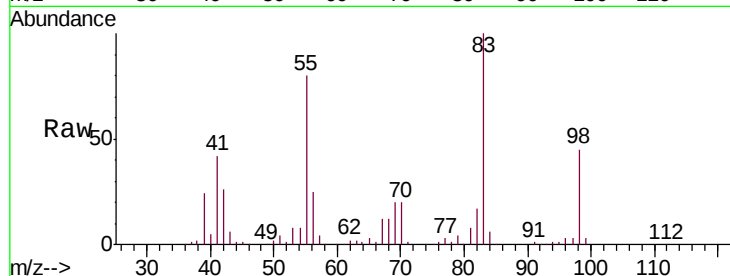
#39
Methylcyclohexane
Concen: 16.258 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.0	91.4
98	44.8	35.6	53.4

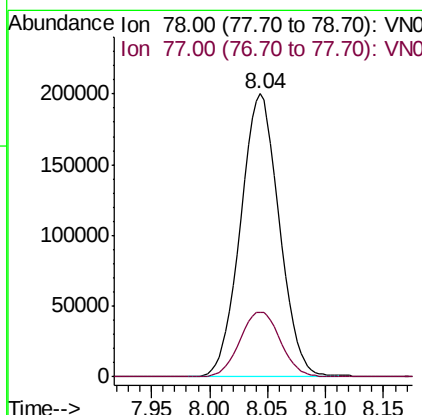
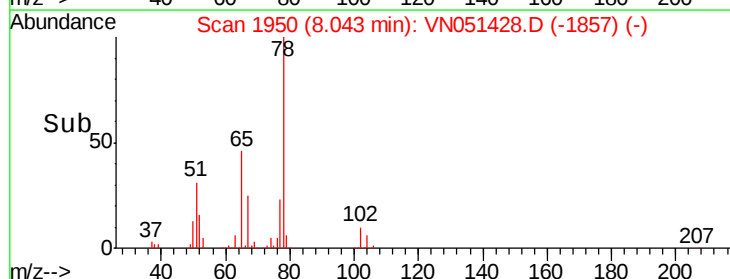
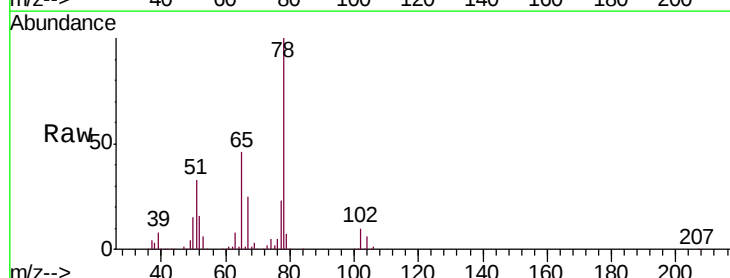
Manual Integrations
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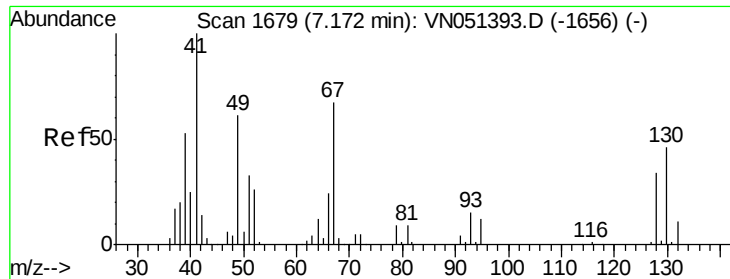
apatel
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#40
Benzene
Concen: 18.917 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





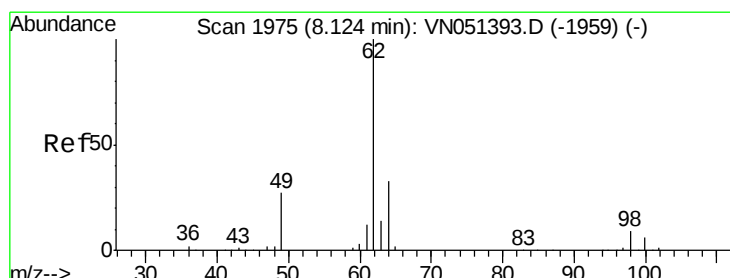
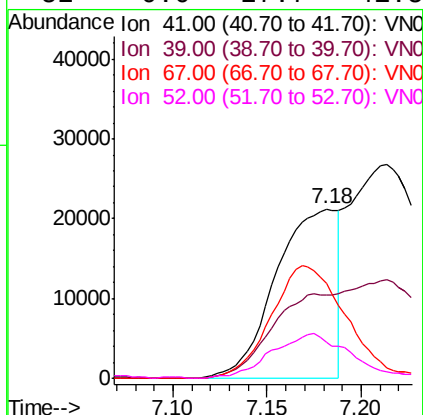
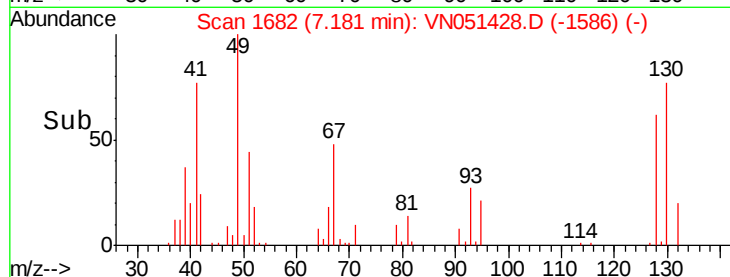
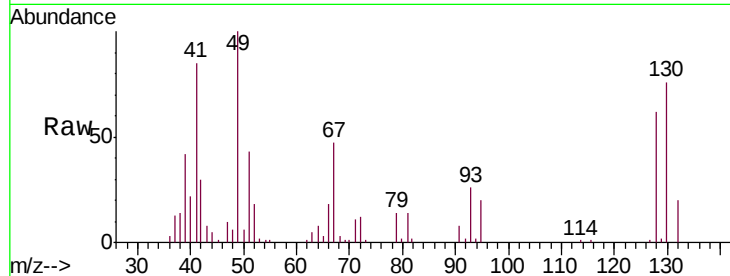
#41
Methacrylonitrile
Concen: 18.233 ug/l m
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.4	77.2#
67	0.0	66.8	100.2#
52	0.0	27.7	41.5#

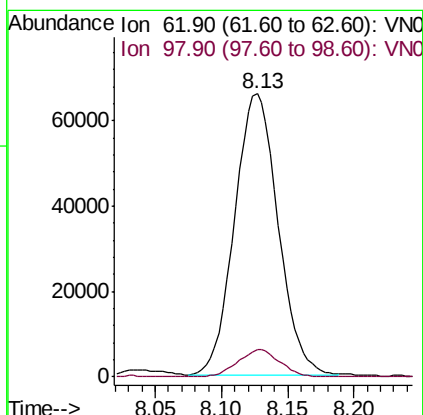
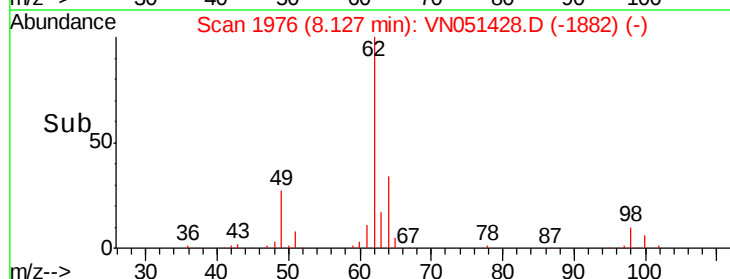
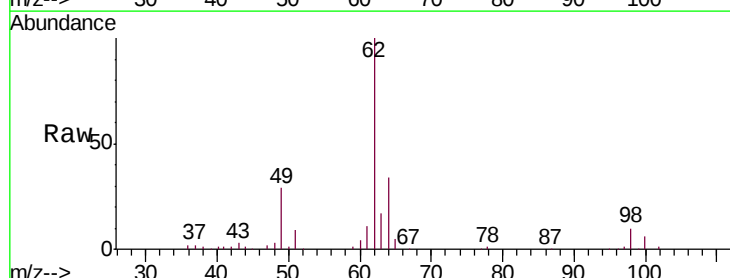
Manual Integrations
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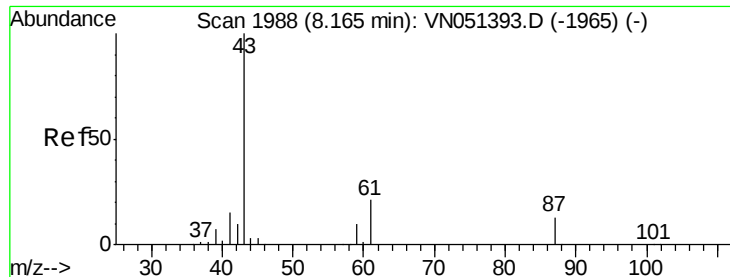
apatel
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#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6





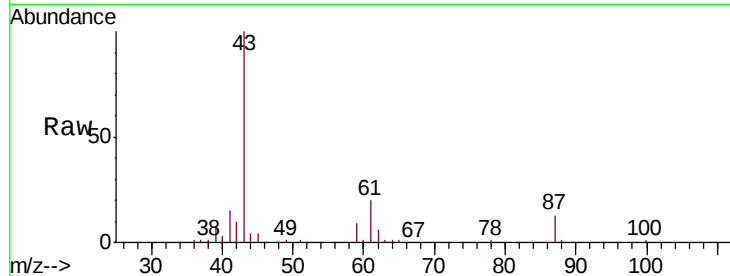
#43
Isopropyl Acetate
Concen: 19.963 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

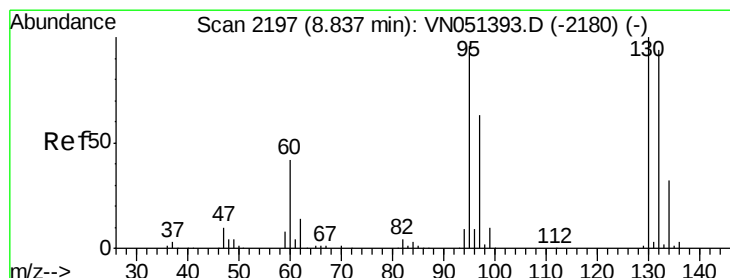
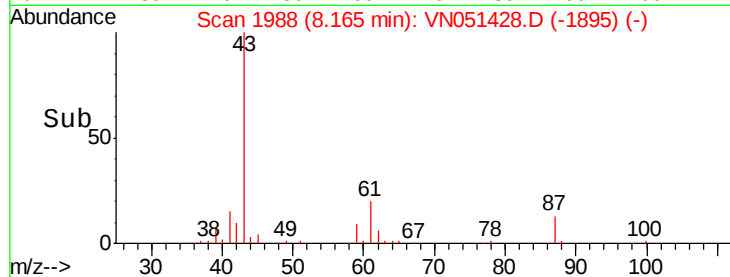
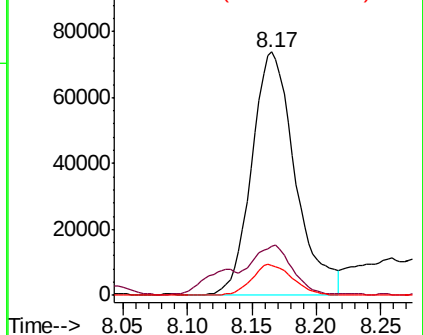
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	16.8	25.2
87	12.0	10.7	16.1

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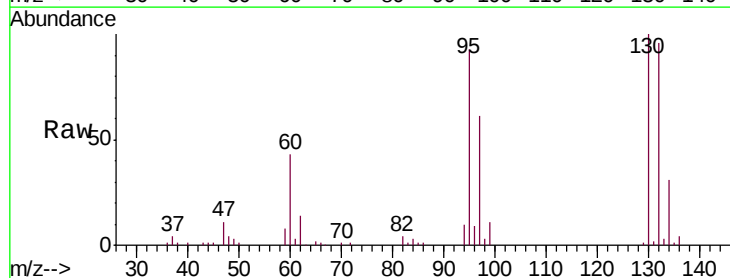


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

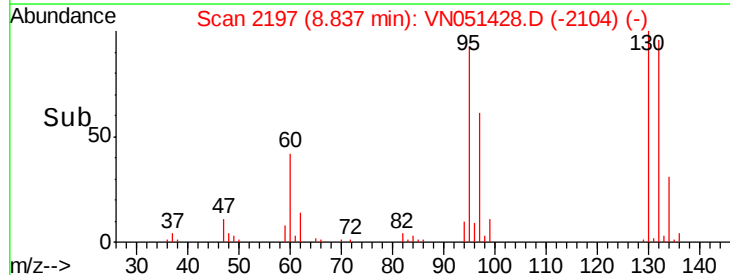
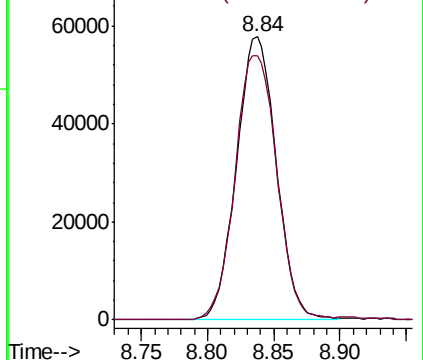


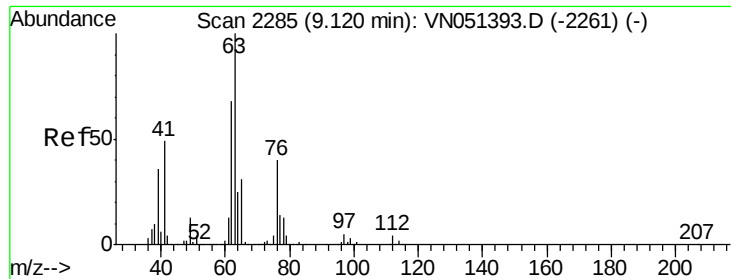
#44
Trichloroethene
Concen: 18.493 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	192.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





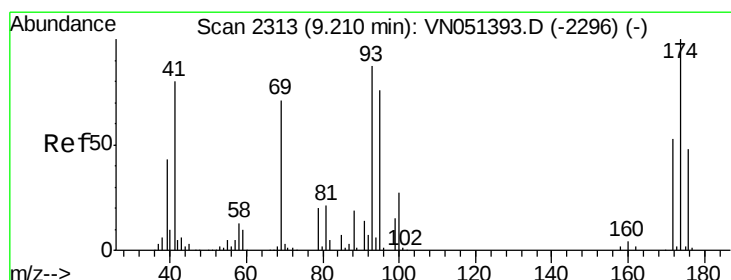
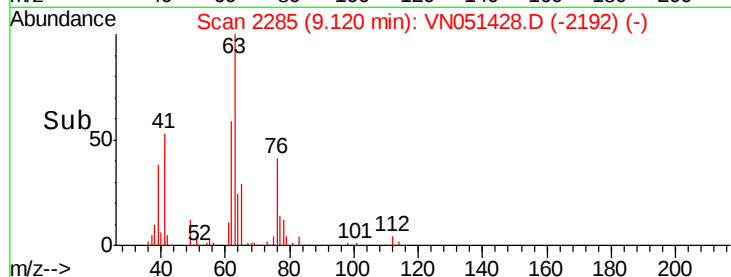
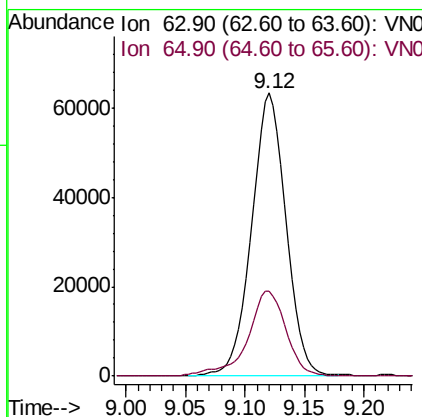
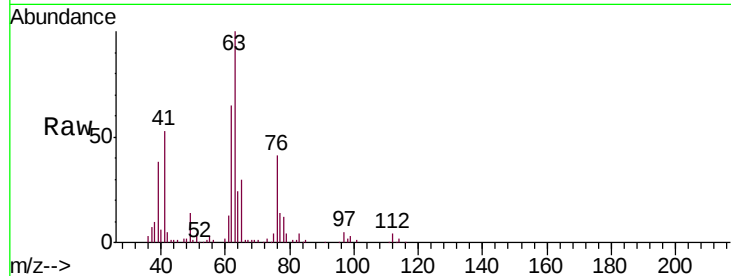
#45
 1,2-Dichloropropane
 Concen: 18.950 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion: 63 Resp: 126744
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3

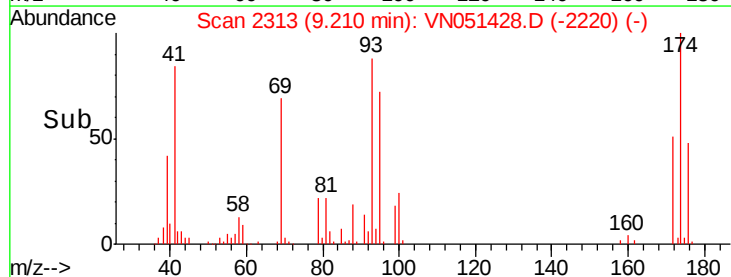
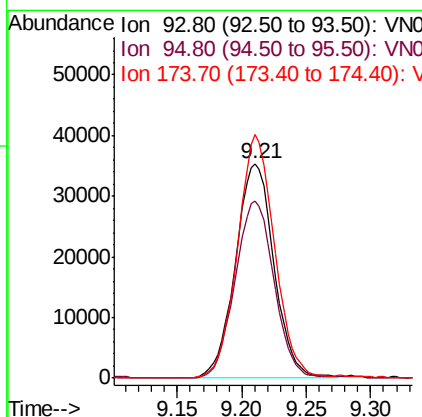
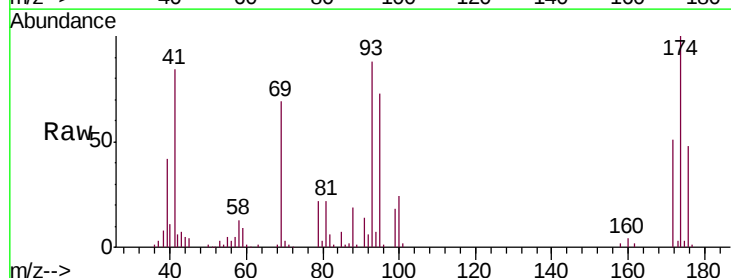
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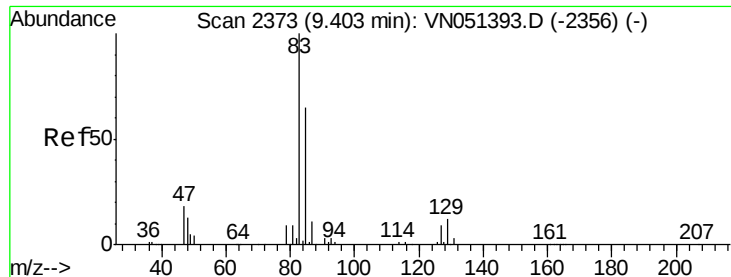
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#46
 Dibromomethane
 Concen: 19.452 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 93 Resp: 73509
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.6 101.4
 174 109.2 89.6 134.4





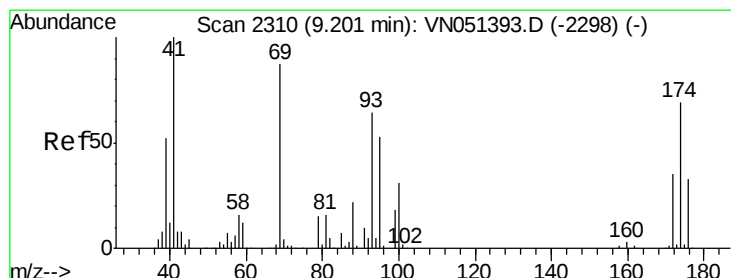
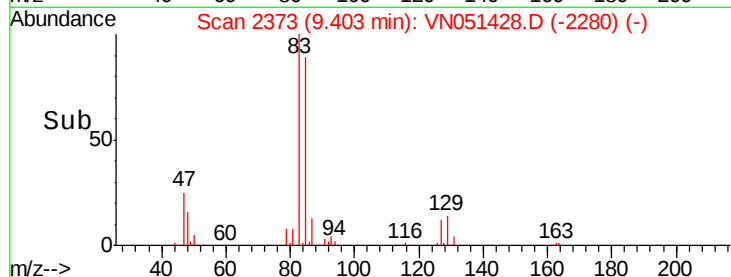
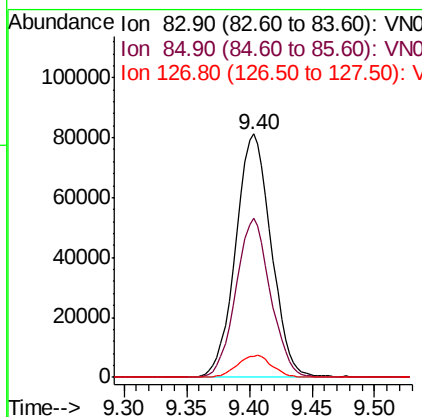
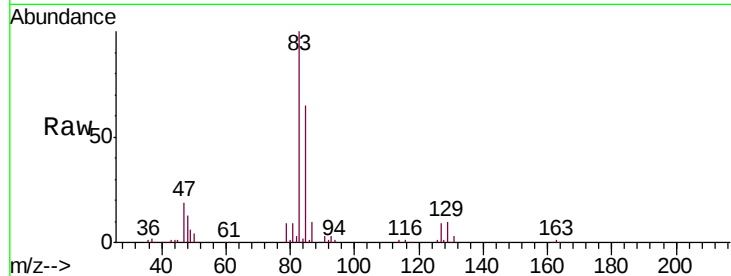
#47
Bromodichloromethane
Concen: 19.139 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6
127	8.8	7.4	11.2

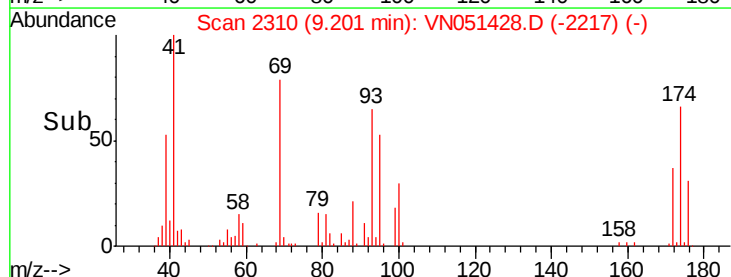
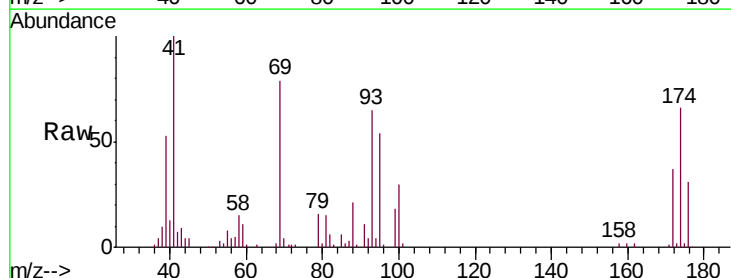
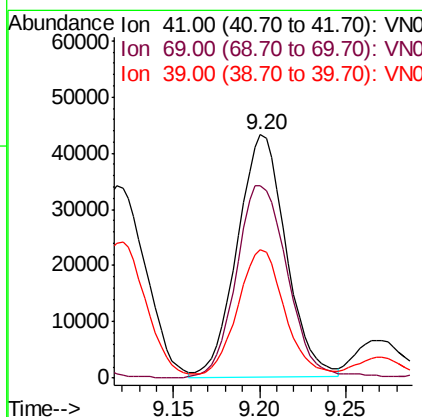
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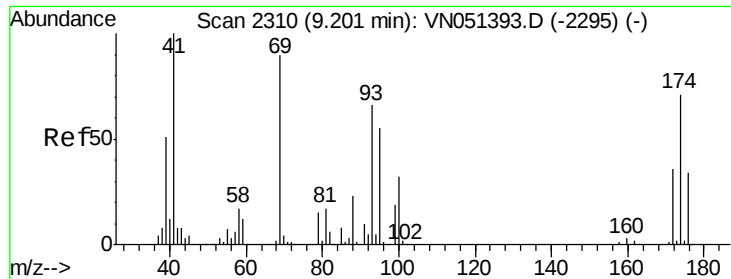
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#48
Methyl methacrylate
Concen: 19.571 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	70.4	105.6
39	51.5	43.8	65.8





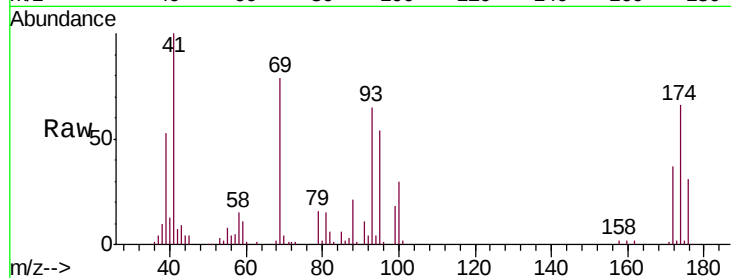
#49
1,4-Dioxane
Concen: 369.452 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.9	38.9
58	73.4	57.0	85.4

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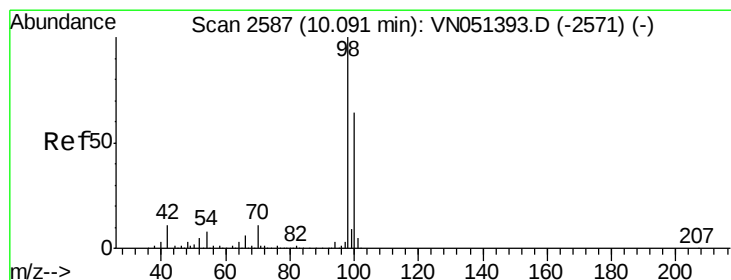
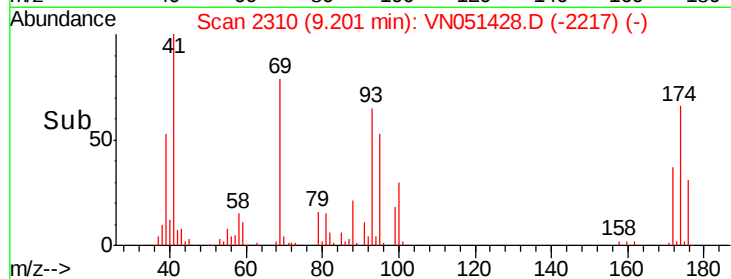
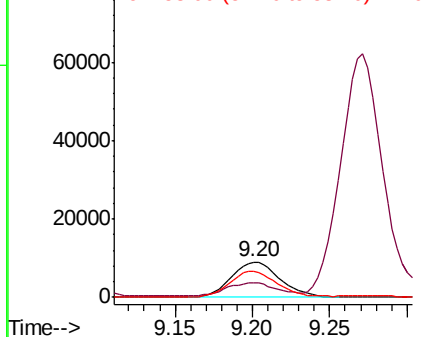


Abundance

Ion 88.00 (87.70 to 88.70): VN0

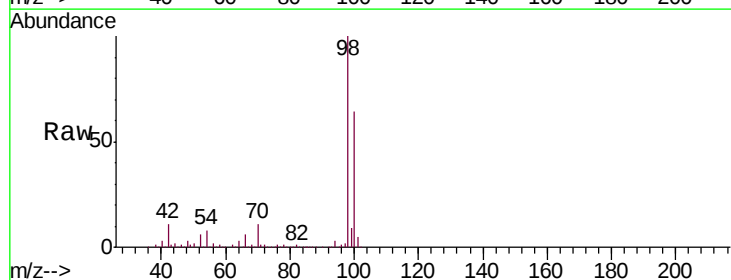
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 49.858 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

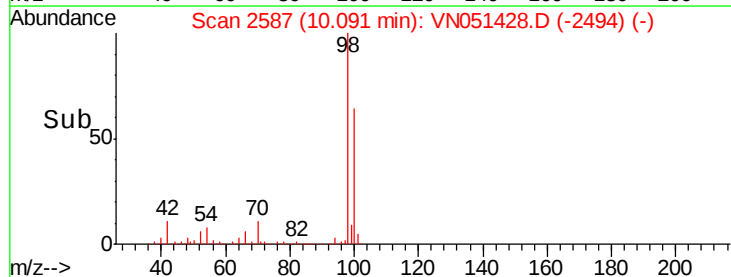
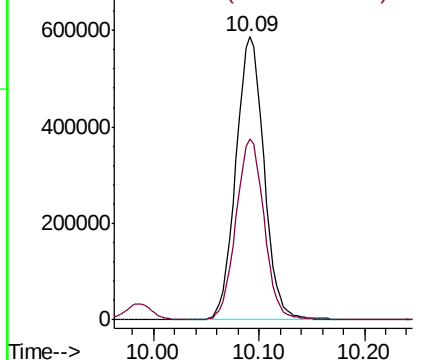
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8

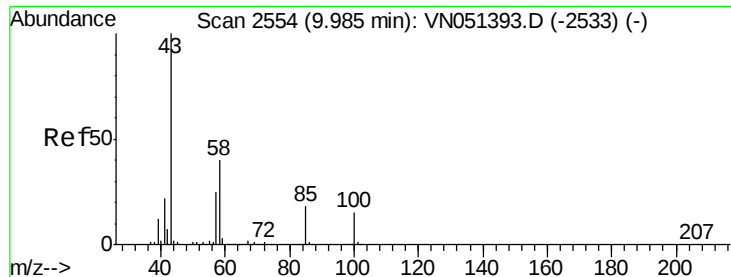


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





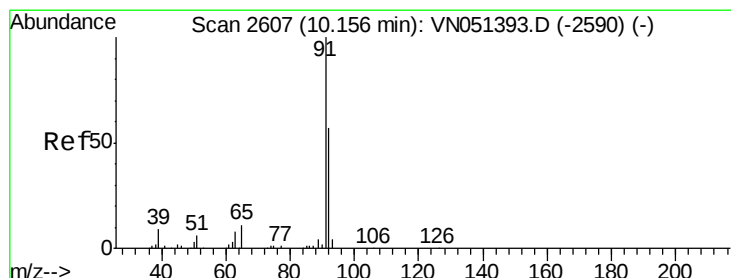
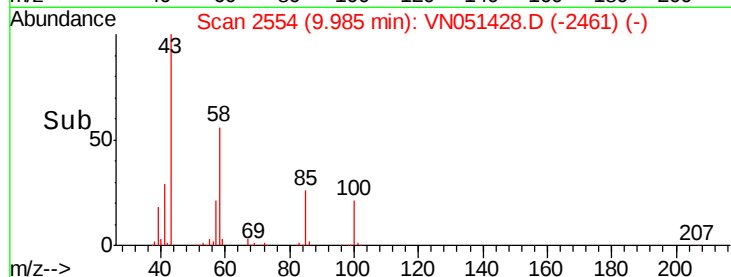
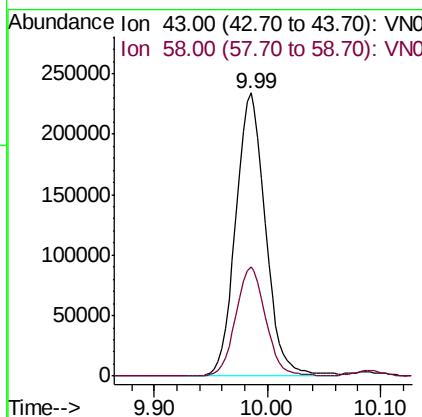
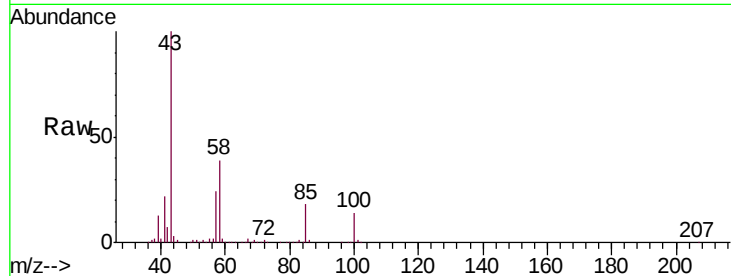
#51
 4-Methyl-2-Pentanone
 Concen: 89.321 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBSD02

Tgt Ion: 43 Resp: 427970
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.5 47.3

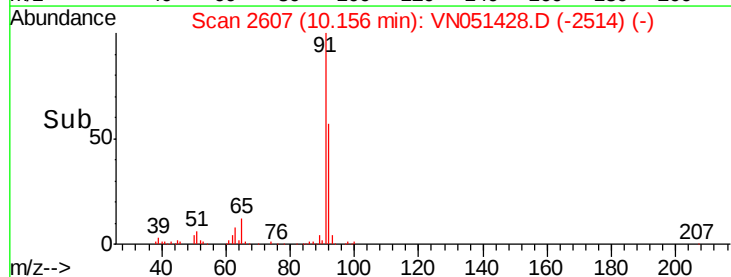
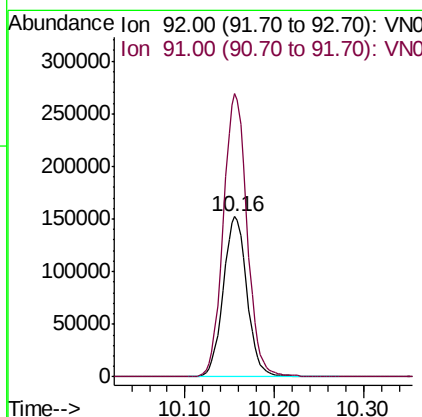
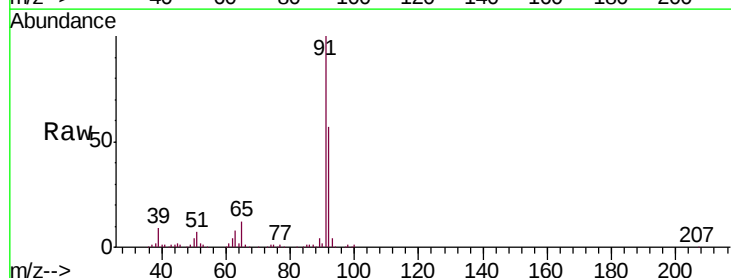
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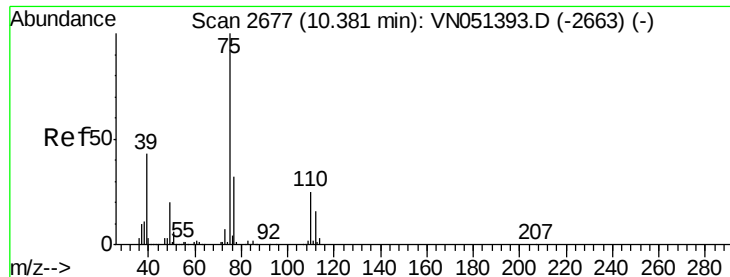
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#52
 Toluene
 Concen: 18.432 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 92 Resp: 281842
 Ion Ratio Lower Upper
 92 100
 91 176.6 142.2 213.4





#53

t-1,3-Dichloropropene

Concen: 15.887 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 75 Resp: 134134

Ion Ratio Lower Upper

75 100

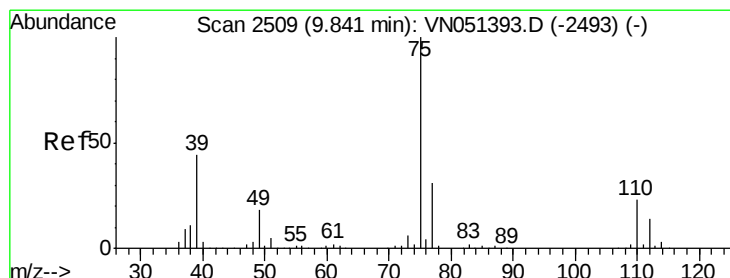
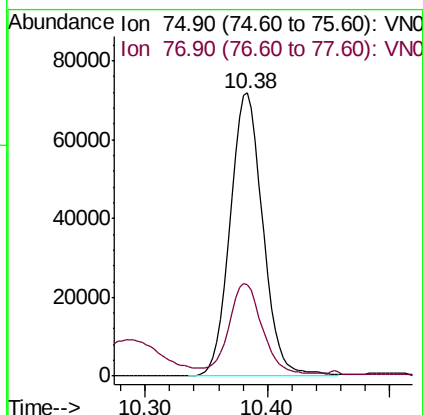
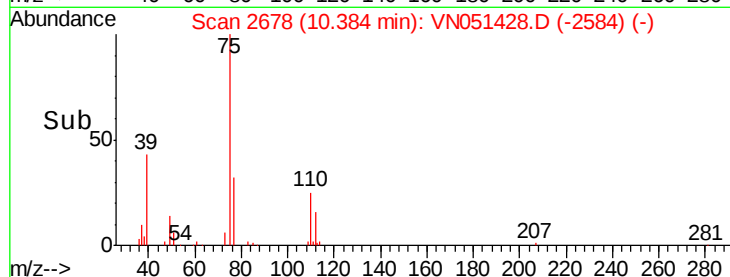
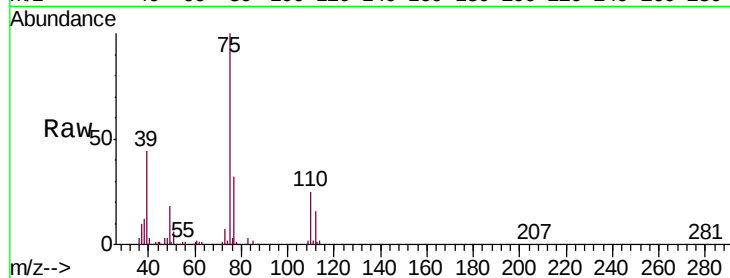
77 30.8 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 16.512 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

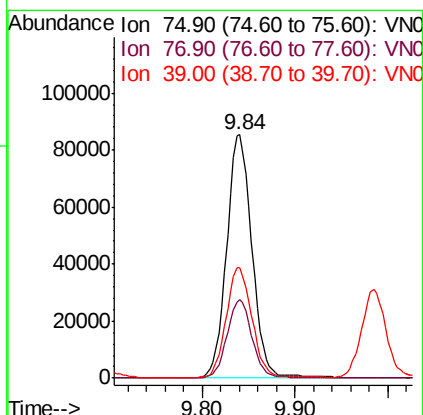
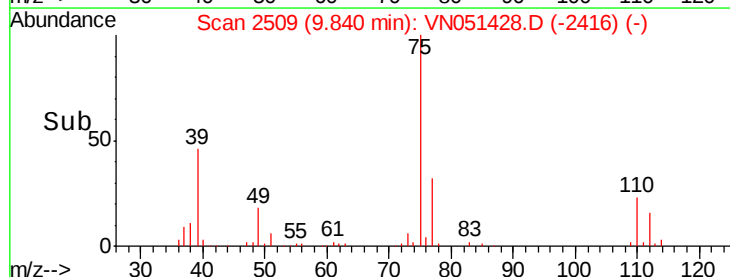
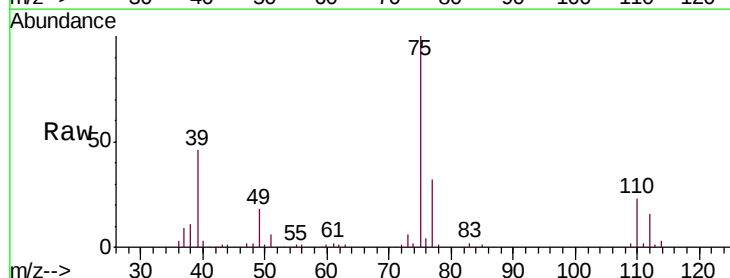
Tgt Ion: 75 Resp: 161673

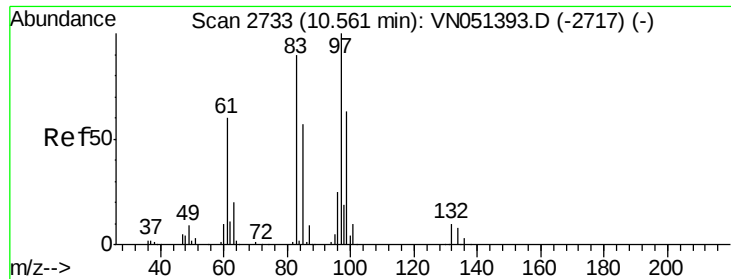
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 45.6 35.4 53.2





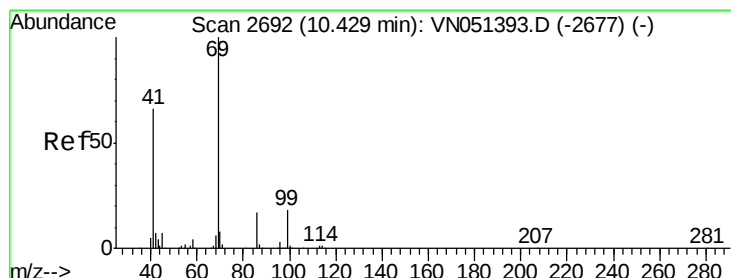
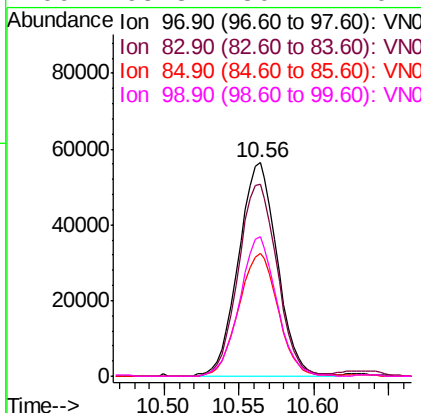
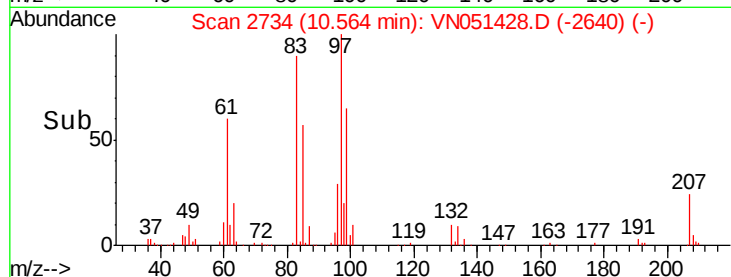
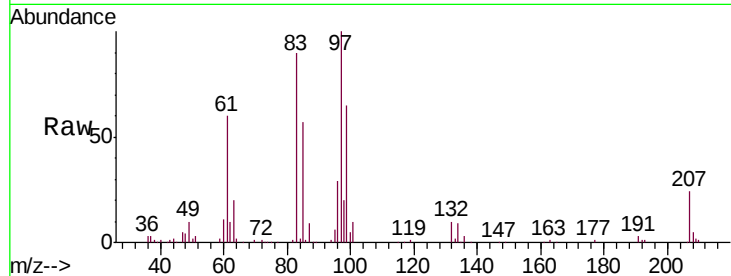
#55
 1,1,2-Trichloroethane
 Concen: 18.844 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion:	97	Resp:	101833
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.0	108.0
85	57.5	45.2	67.8
99	65.3	50.7	76.1

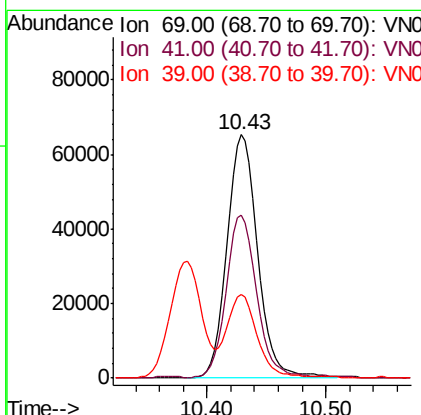
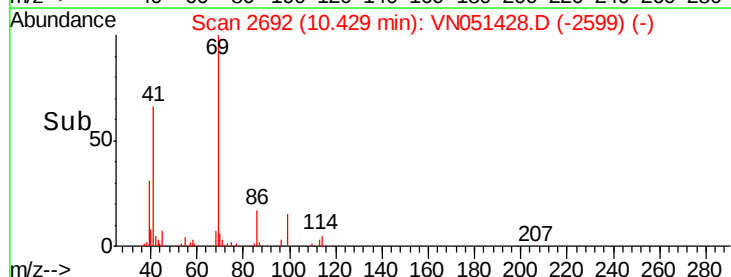
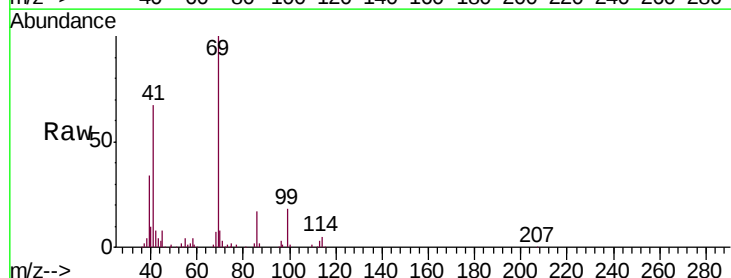
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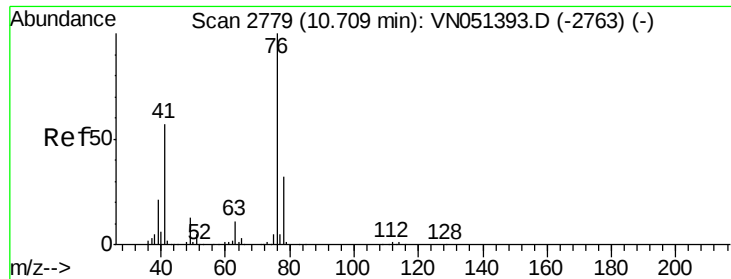
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#56
 Ethyl methacrylate
 Concen: 17.654 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion:	69	Resp:	116639
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.4	78.6
39	34.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 18.567 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampled :

VN0923WBSD02

Tgt Ion: 76 Resp: 171971

Ion Ratio Lower Upper

76 100

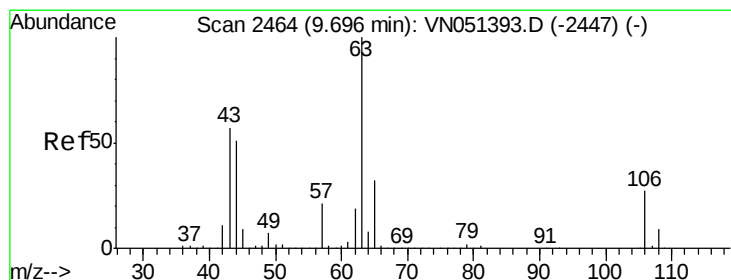
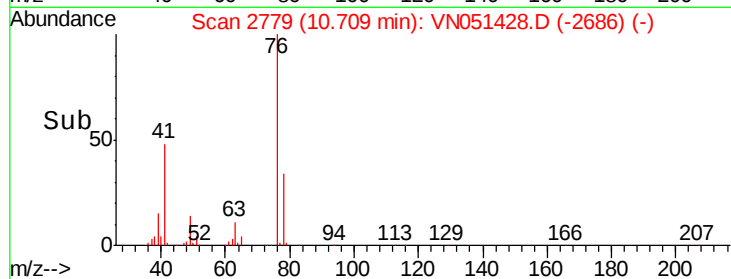
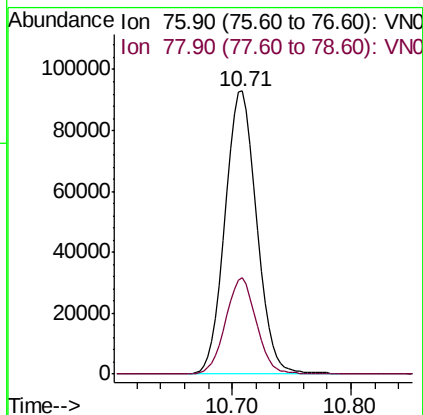
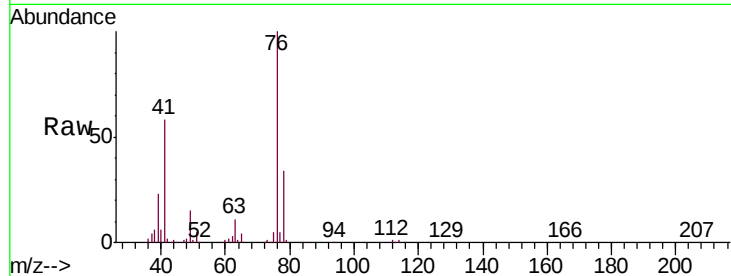
78 33.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 98.644 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051428.D

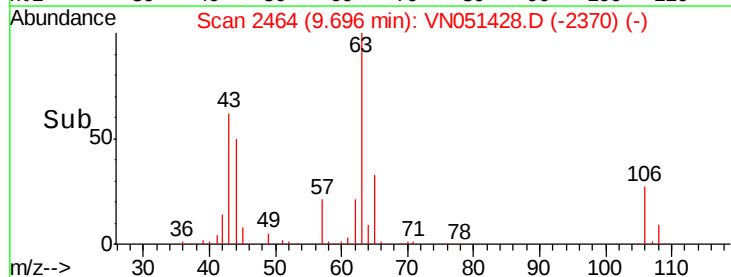
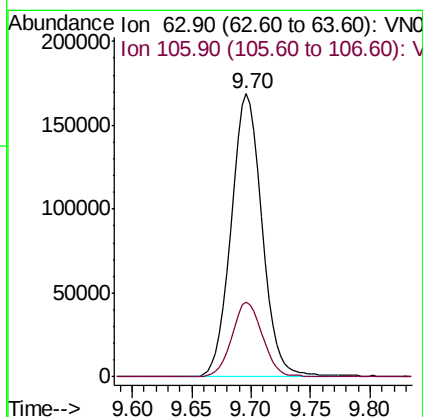
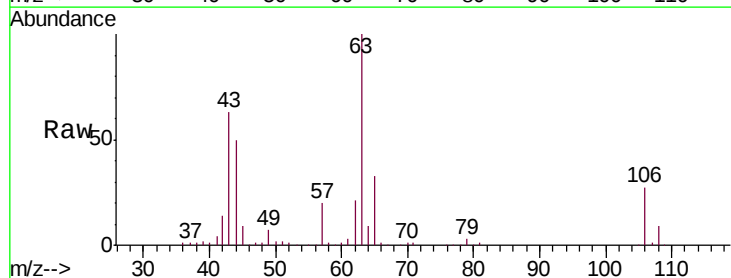
Acq: 23 Sep 2018 22:08

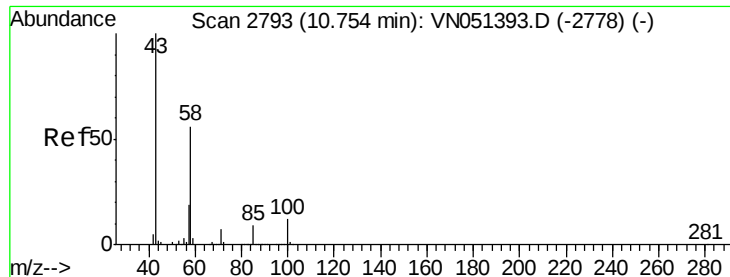
Tgt Ion: 63 Resp: 304704

Ion Ratio Lower Upper

63 100

106 26.4 21.4 32.2





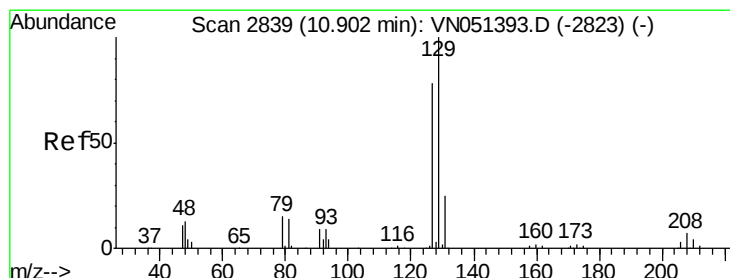
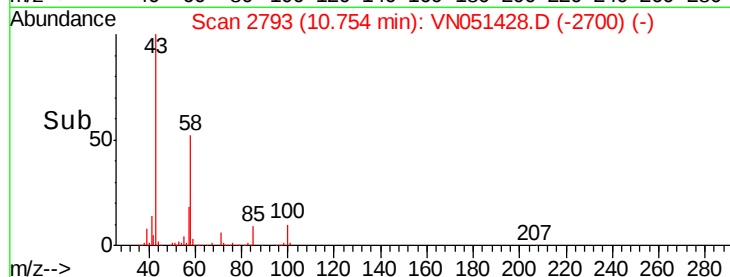
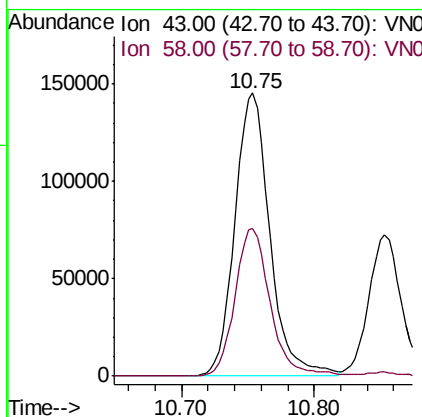
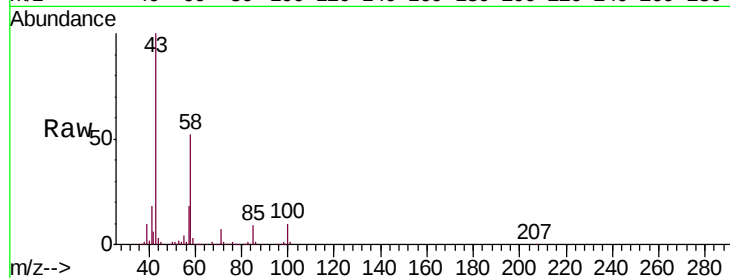
#59
2-Hexanone
Concen: 85.054 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion: 43 Resp: 264183
Ion Ratio Lower Upper
43 100
58 53.0 27.7 83.0

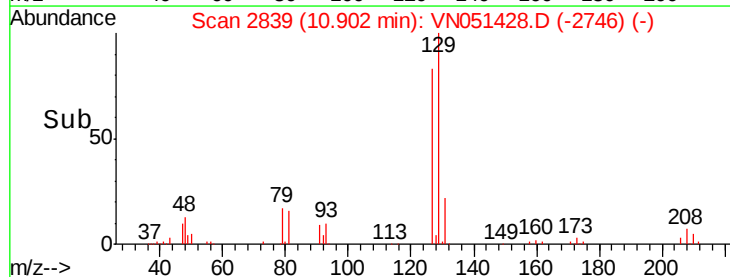
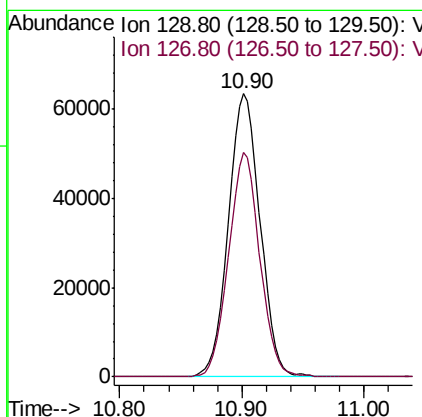
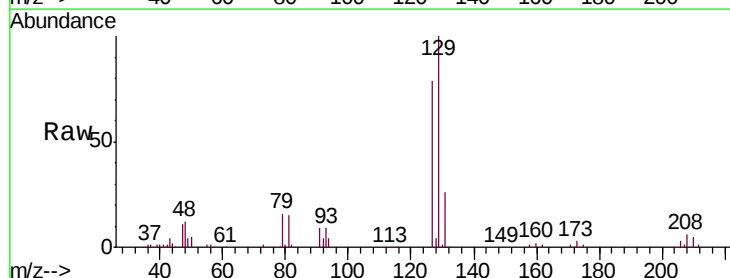
Manual Integrations
APPROVED

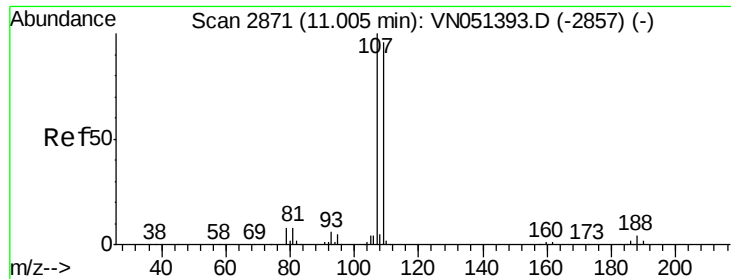
apatel
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#60
Dibromochloromethane
Concen: 18.011 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 129 Resp: 114839
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





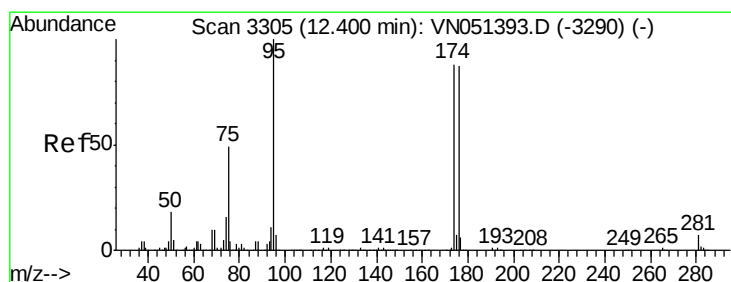
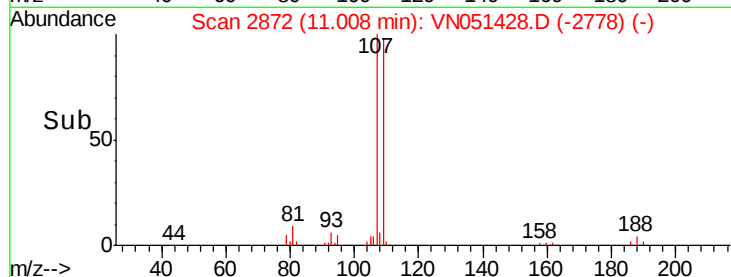
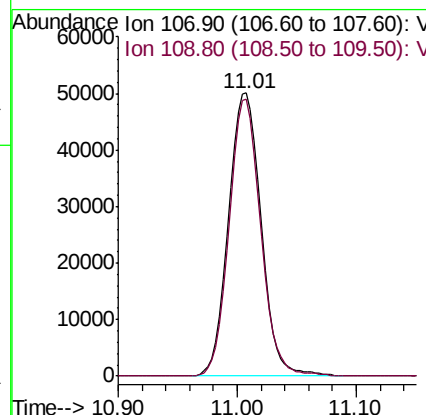
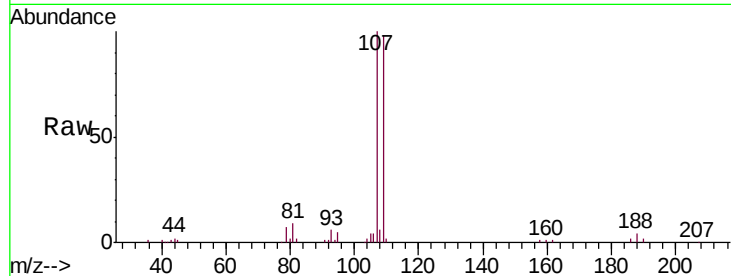
#61
 1,2-Dibromoethane
 Concen: 18.130 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion: 107 Resp: 95106
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.3 114.5

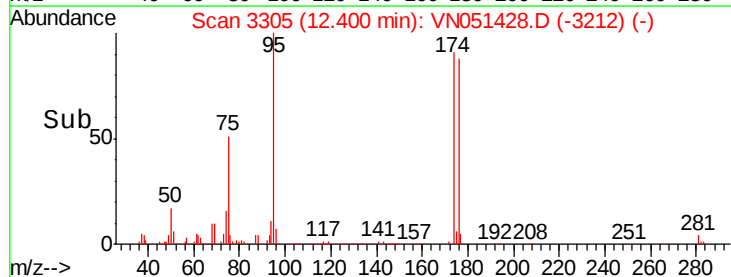
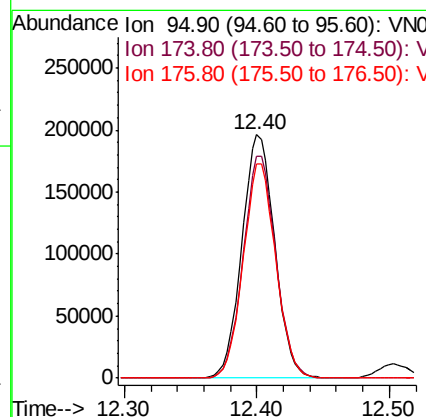
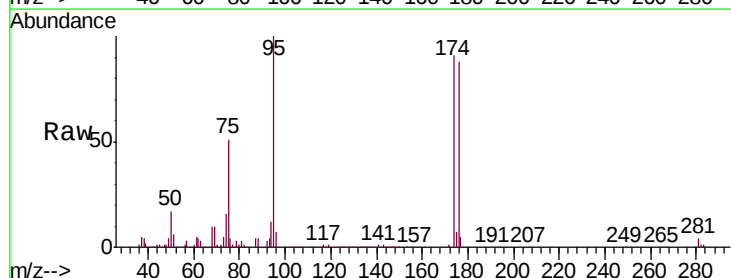
Manual Integrations
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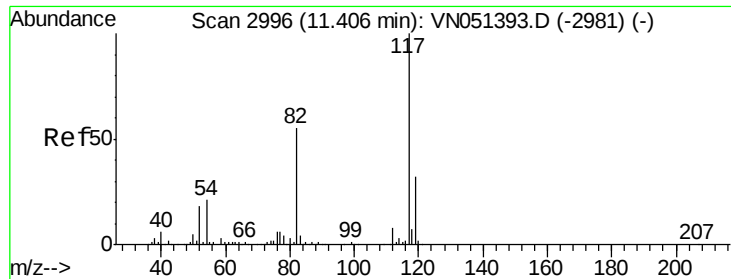
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.777 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion: 95 Resp: 336770
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 181.6
 176 87.4 0.0 176.4





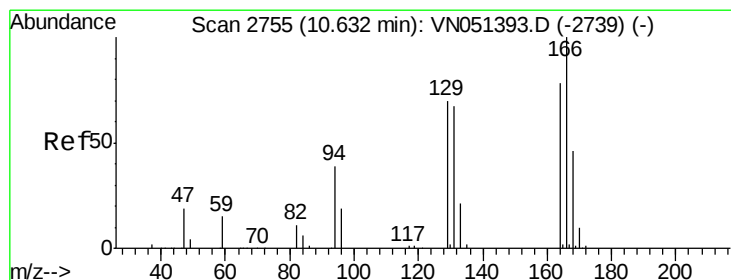
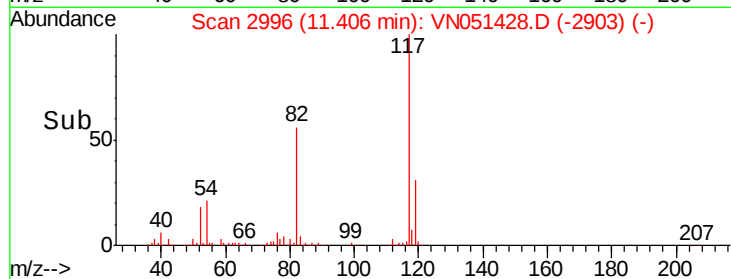
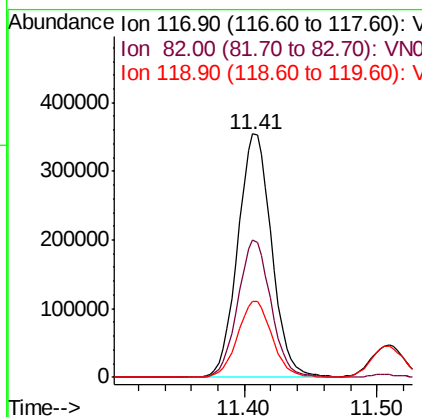
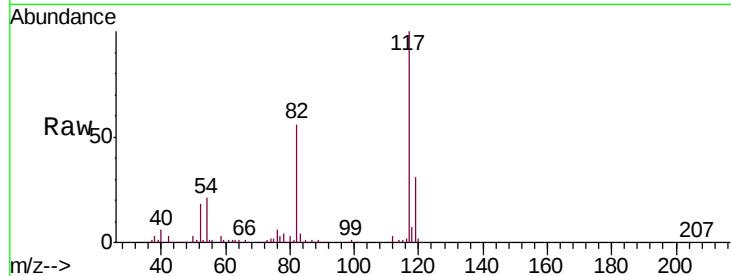
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	627949		
82	56.3	44.2	66.2	
119	31.3	25.9	38.9	

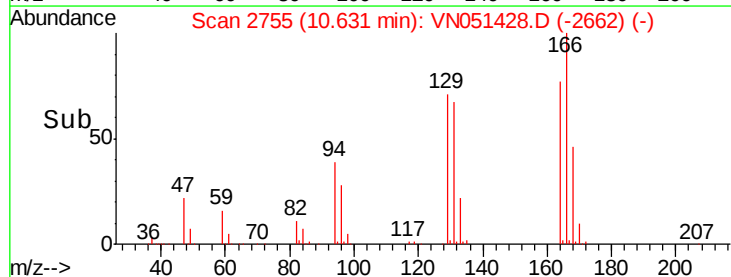
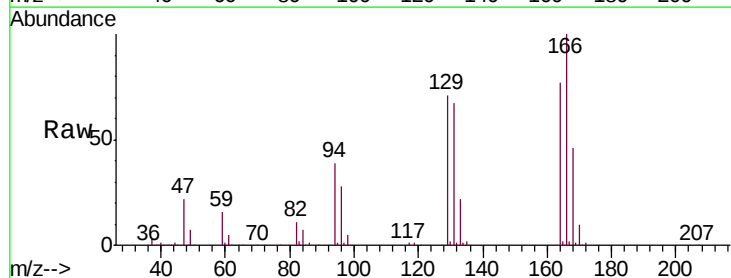
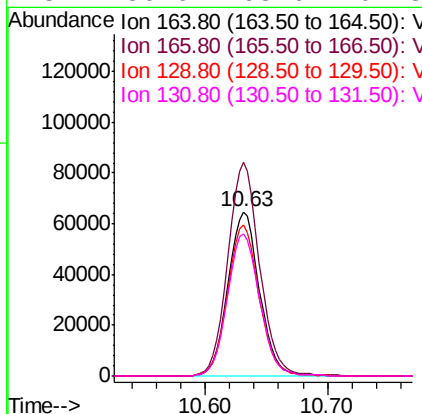
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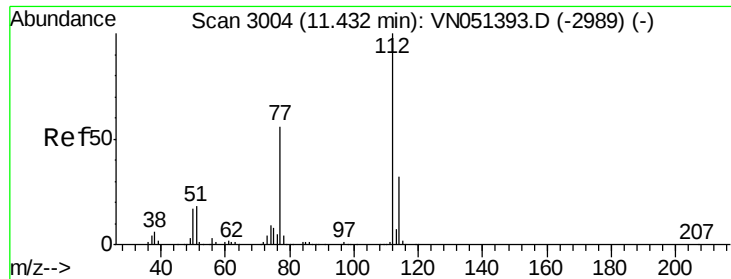
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#64
Tetrachloroethene
Concen: 20.390 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116201		
166	130.2	102.3	153.5	
129	92.0	71.8	107.8	
131	86.6	68.6	102.8	





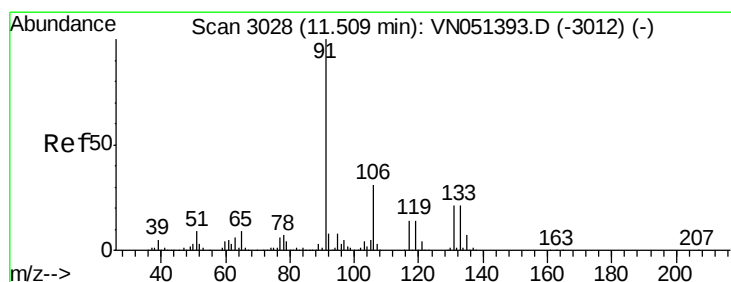
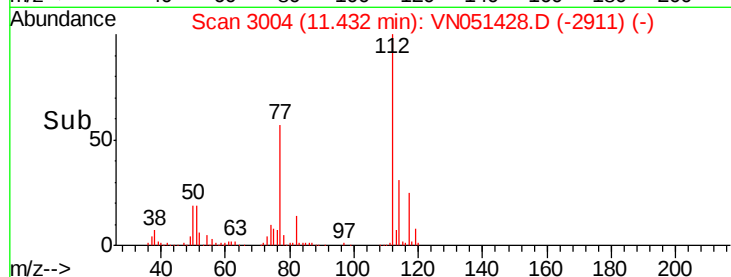
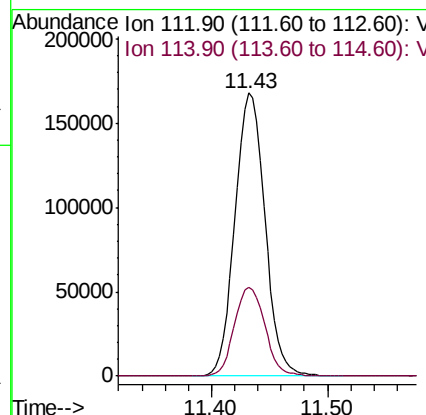
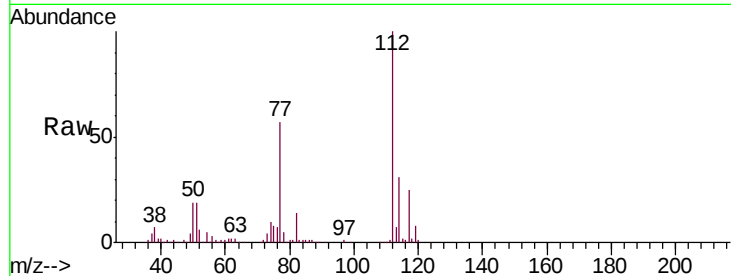
#65
Chlorobenzene
Concen: 18.715 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	301515		
114	31.4	25.4	38.2	

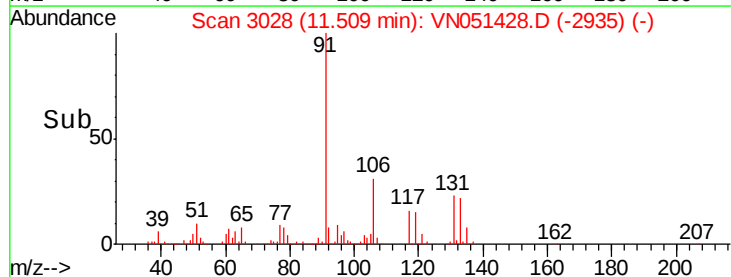
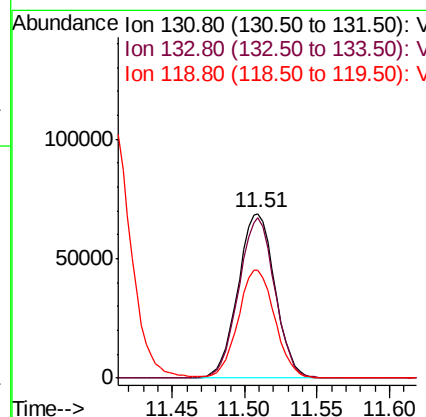
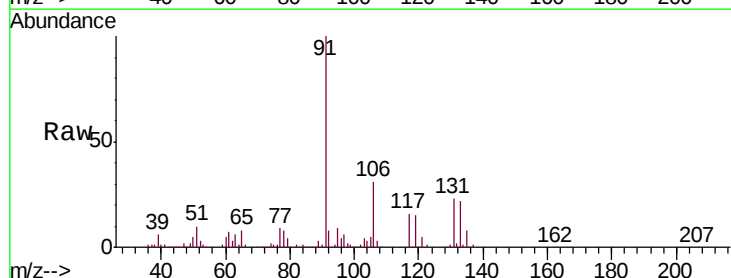
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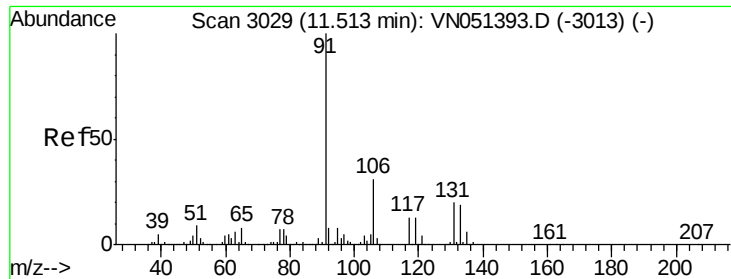
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.889 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	122080		
133	95.5	48.3	144.8	
119	65.4	32.8	98.4	





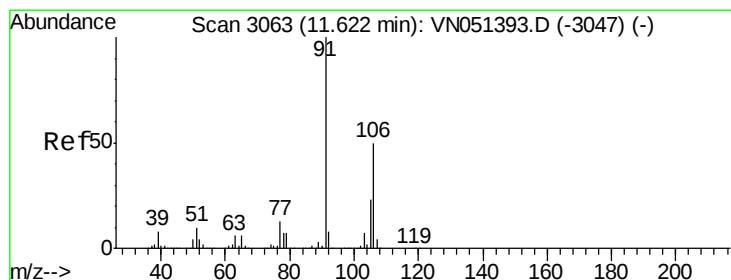
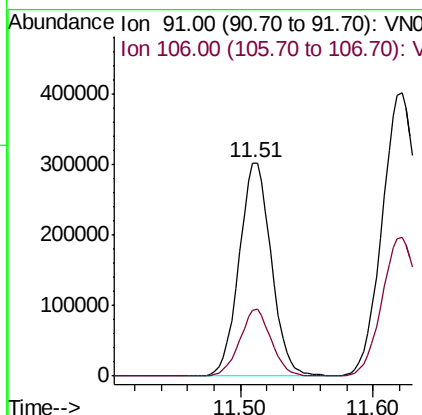
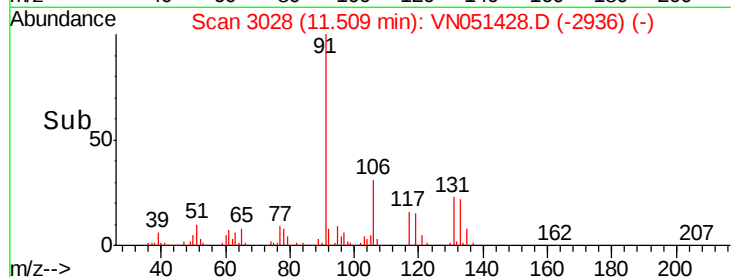
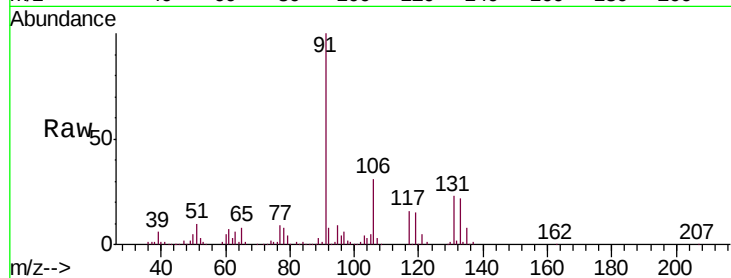
#67
Ethyl Benzene
Concen: 18.737 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampled :
VN0923WBSD02

Tgt Ion: 91 Resp: 508750
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

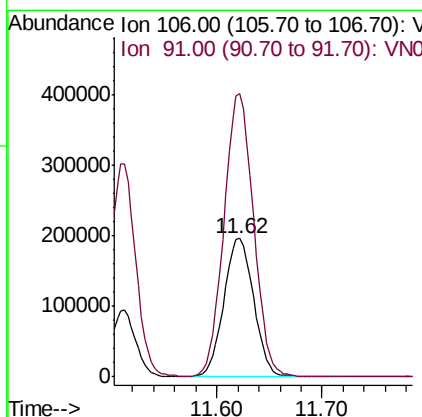
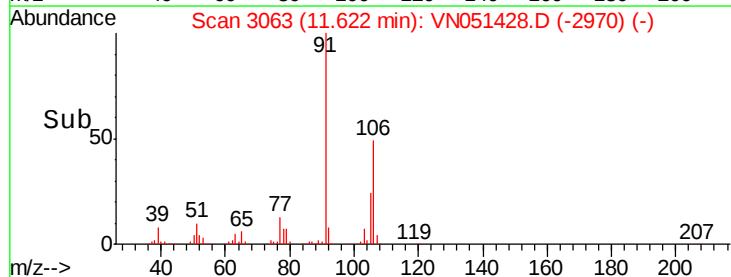
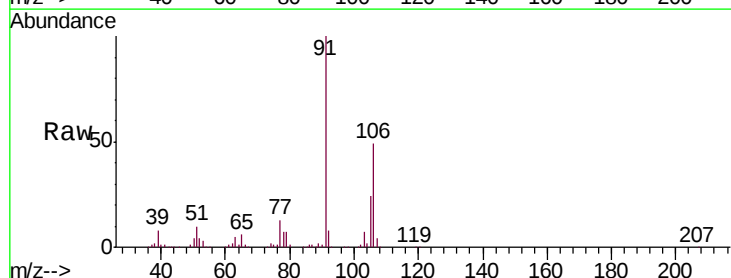
Manual Integrations
APPROVED

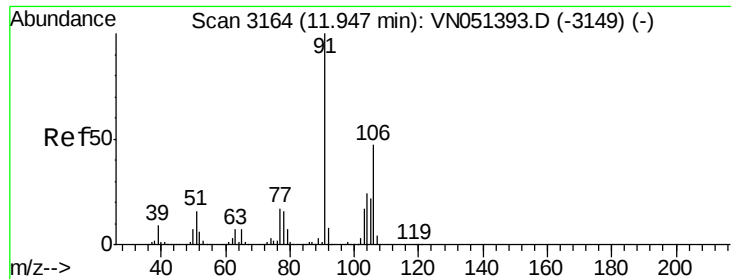
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#68
m/p-Xylenes
Concen: 36.664 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion: 106 Resp: 385064
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9





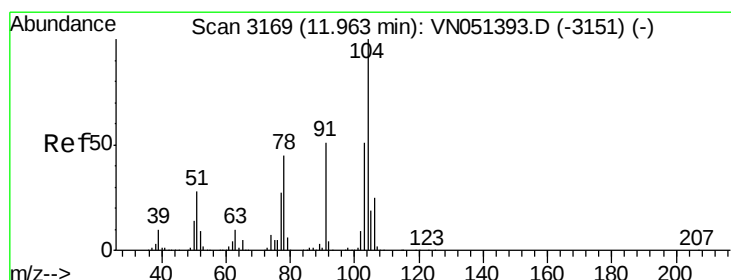
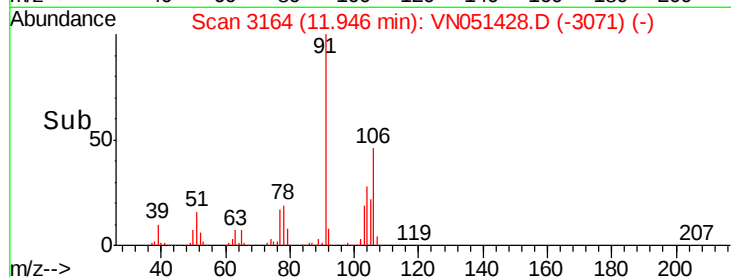
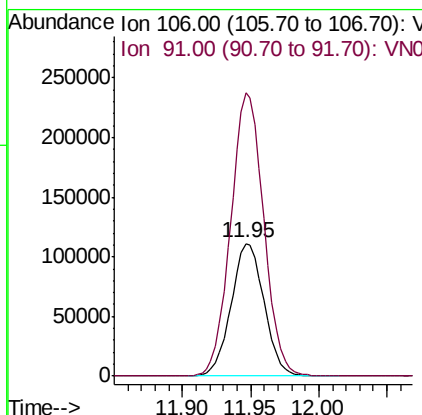
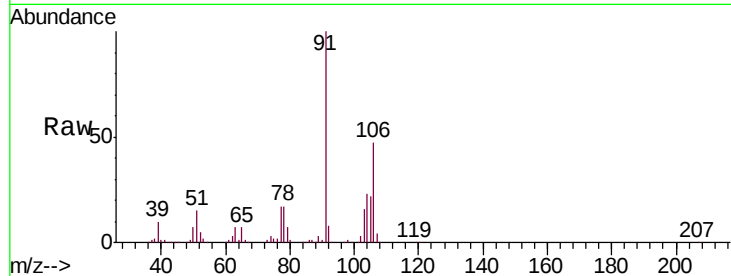
#69
o-Xylene
Concen: 18.495 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.9	105.3	315.9

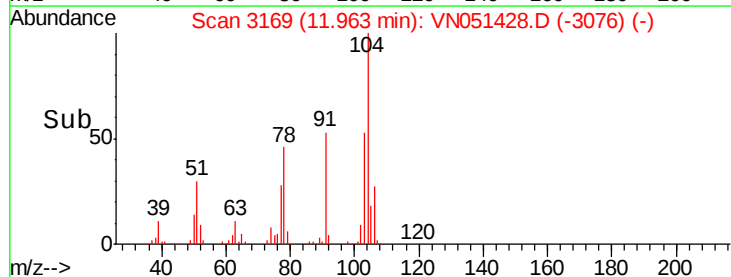
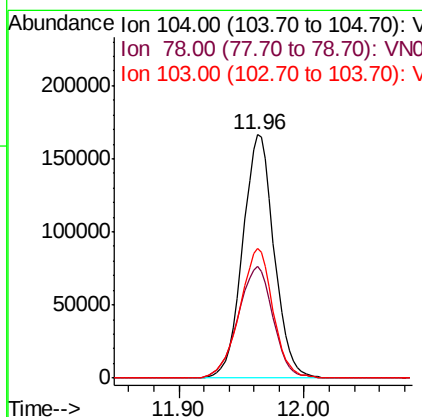
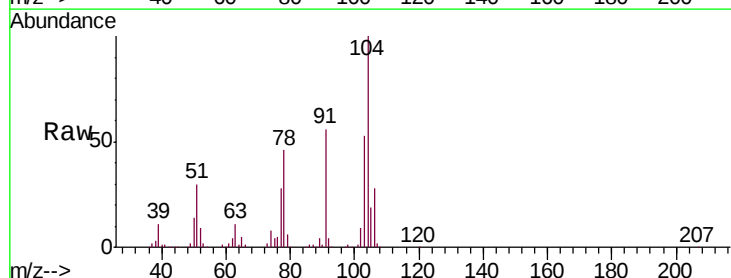
Manual Integrations
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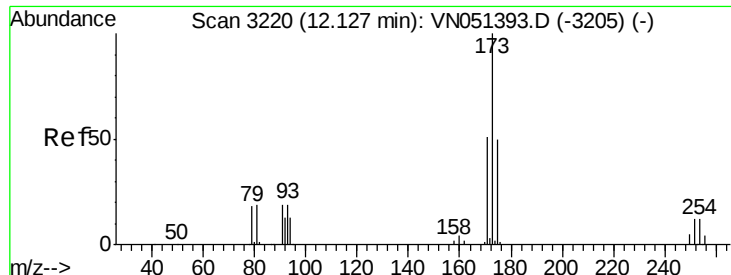
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#70
Styrene
Concen: 18.116 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.4	39.9	59.9
103	56.7	44.6	66.8





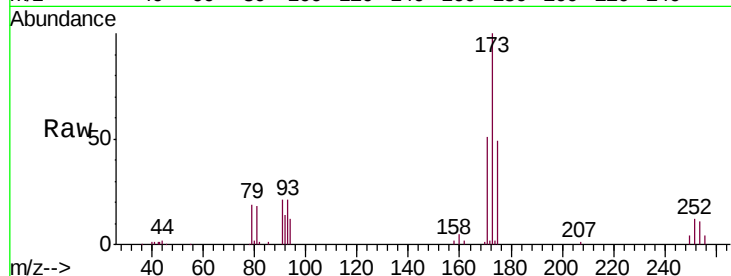
#71
Bromoform
Concen: 18.647 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.8	74.3
254	0.0	0.2	0.2

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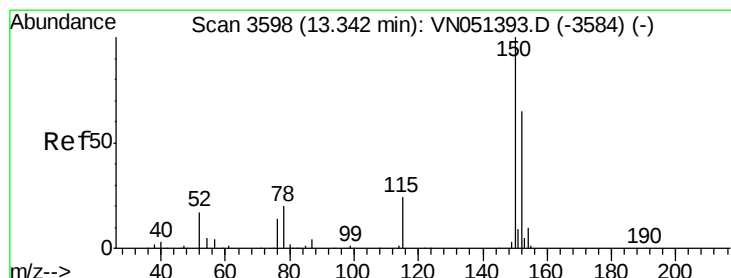
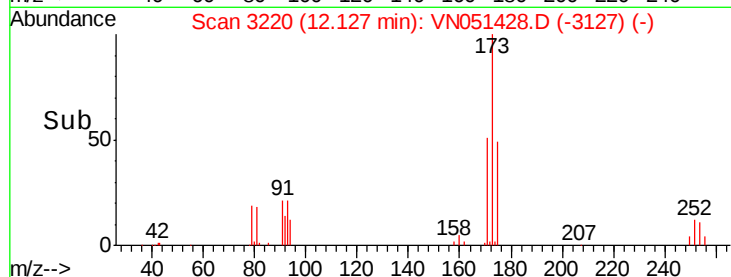
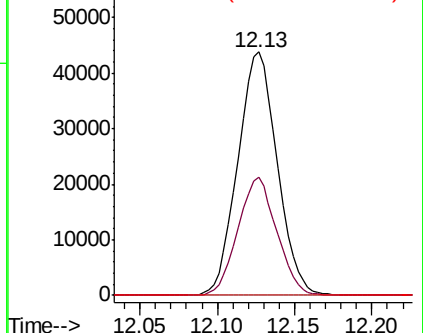


Abundance

Ion 172.70 (172.40 to 173.40): V

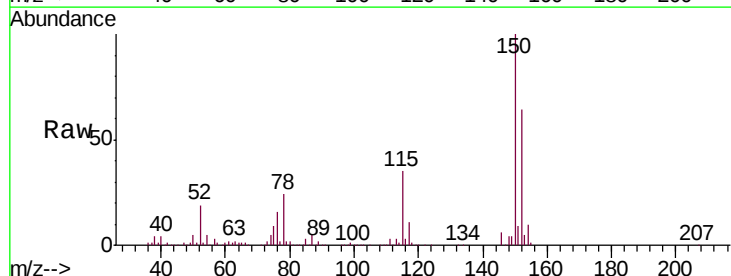
Ion 174.70 (174.40 to 175.40): V

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: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.3	84.9
150	163.2	0.0	353.6

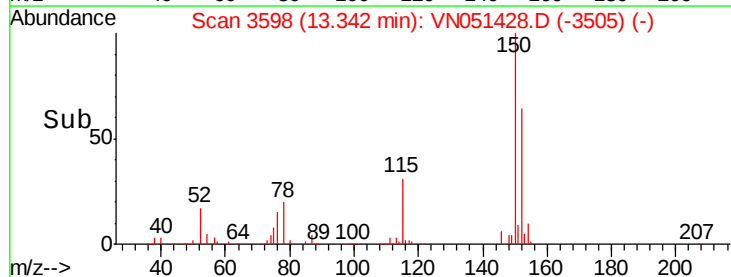
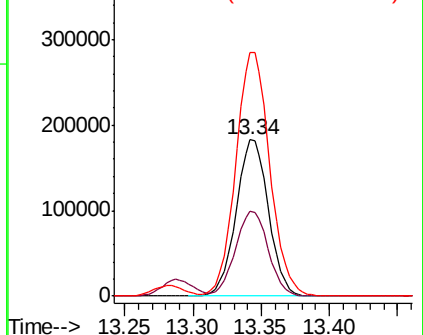


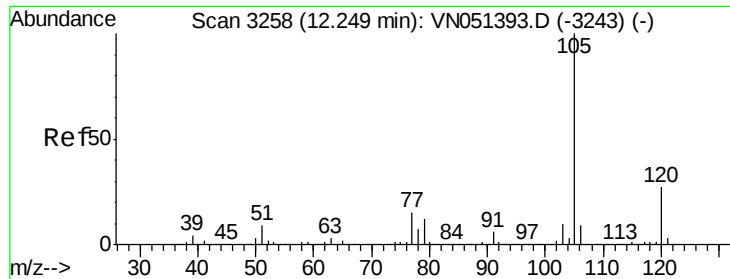
Abundance

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: 19.304 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 105 Resp: 489033

Ion Ratio Lower Upper

105 100

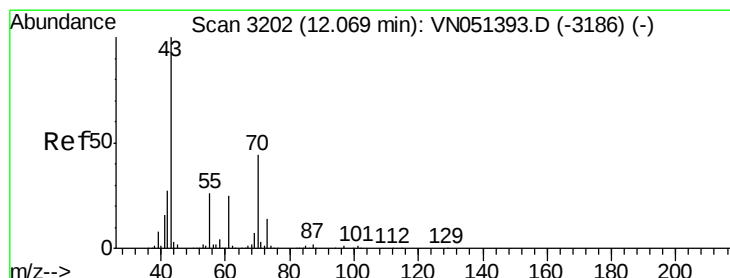
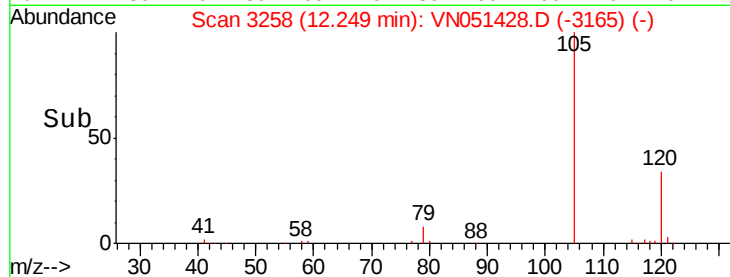
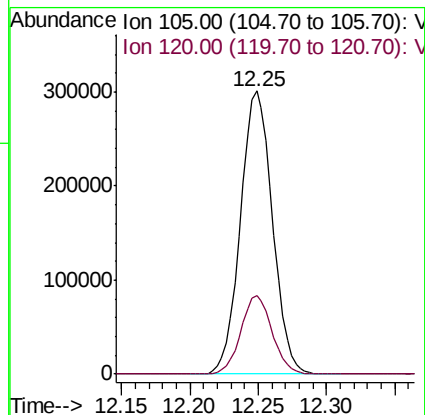
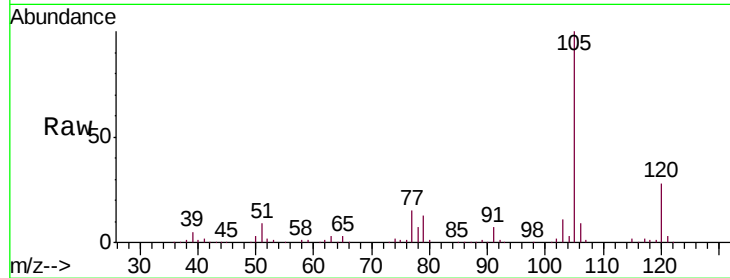
120 27.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.397 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion: 43 Resp: 116932

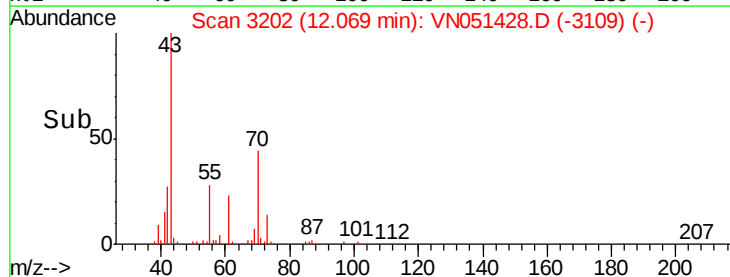
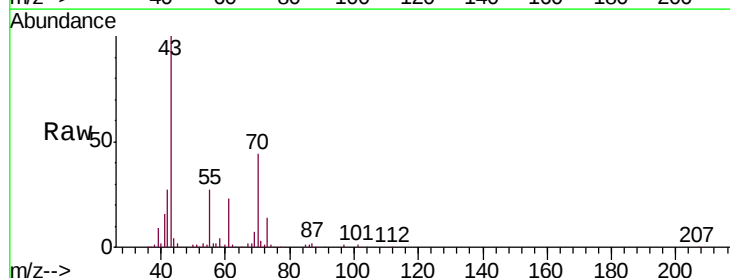
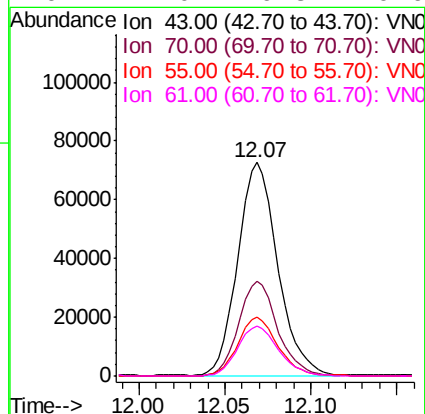
Ion Ratio Lower Upper

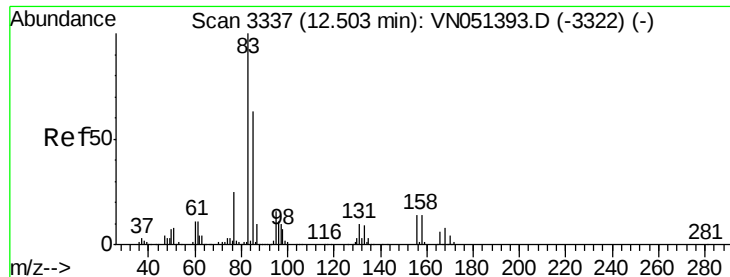
43 100

70 43.3 35.0 52.4

55 27.8 21.4 32.2

61 24.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.025 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 83 Resp: 118296
Ion Ratio Lower Upper

83 100

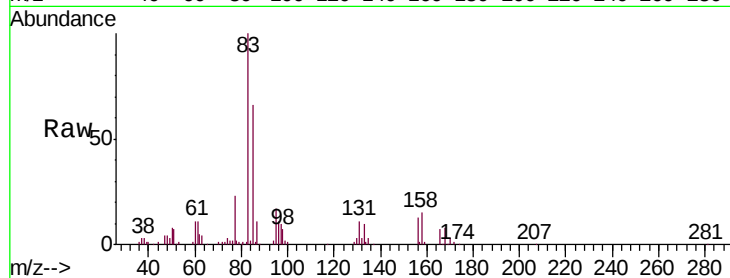
131 11.3 5.3 15.9

85 64.8 31.6 95.0

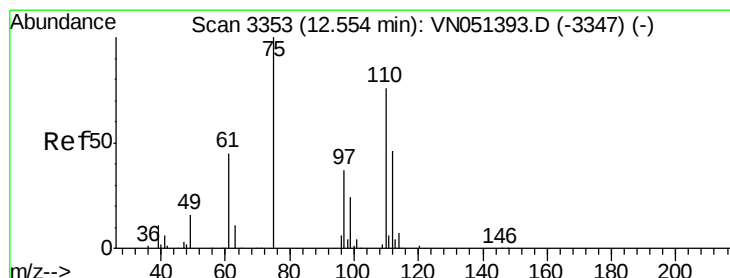
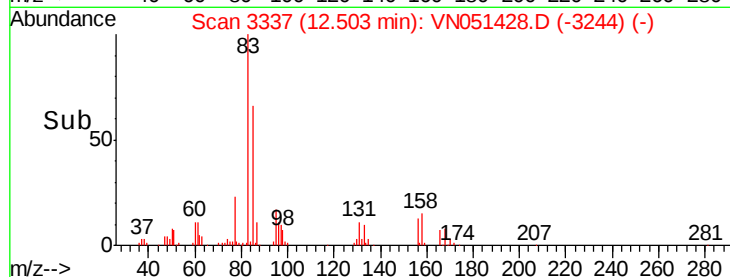
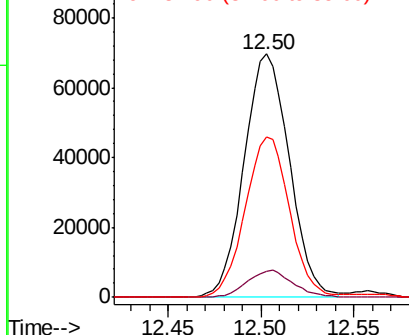
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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 22.676 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

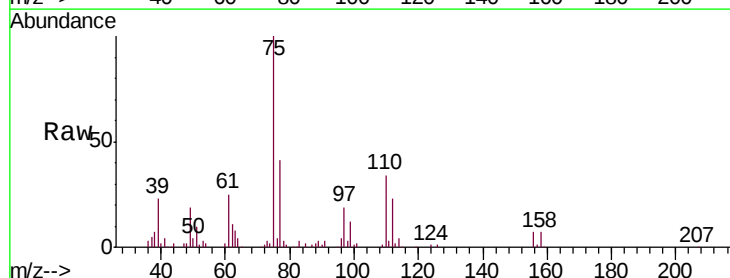
Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

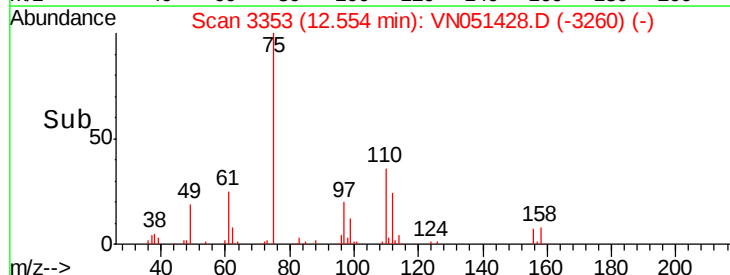
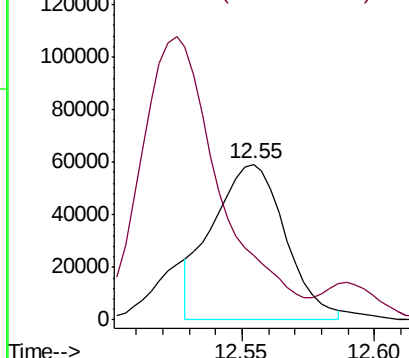
Tgt Ion: 75 Resp: 113025
Ion Ratio Lower Upper

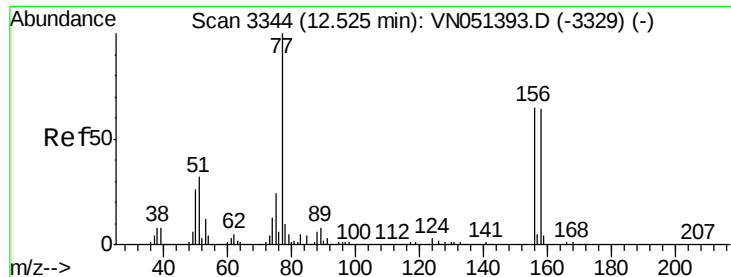
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.340 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

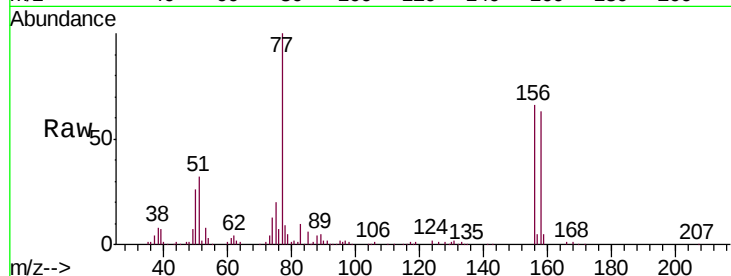
ClientSampleId :

VN0923WBSD02

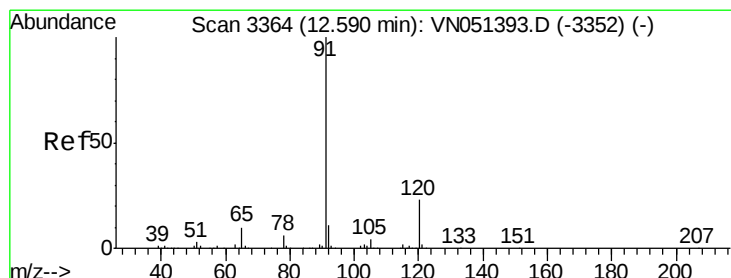
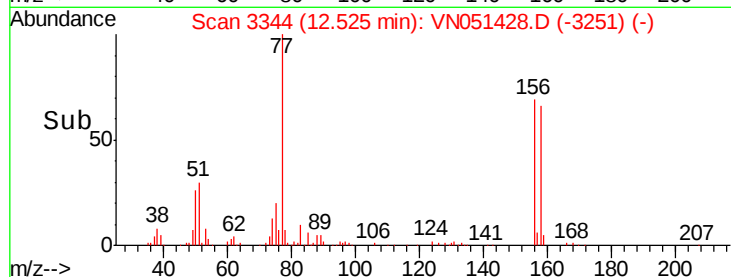
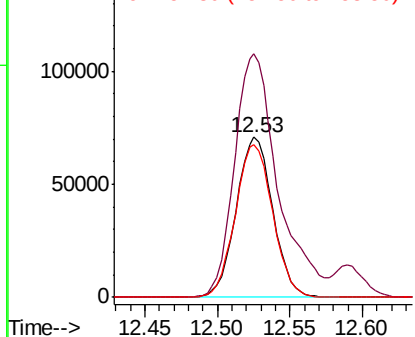
Tgt Ion:	156	Resp:	124026
Ion Ratio	Lower	Upper	
156	100		
77	180.6	89.5	268.4
158	97.6	49.4	148.2

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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: 19.145 ug/l

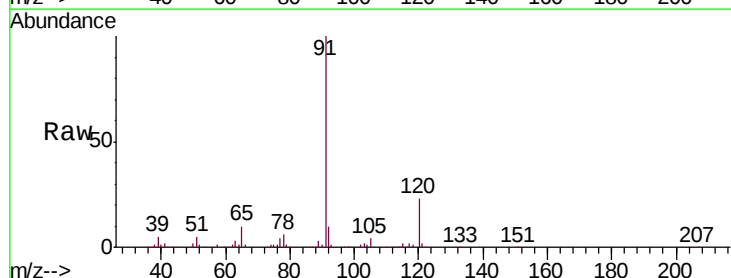
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

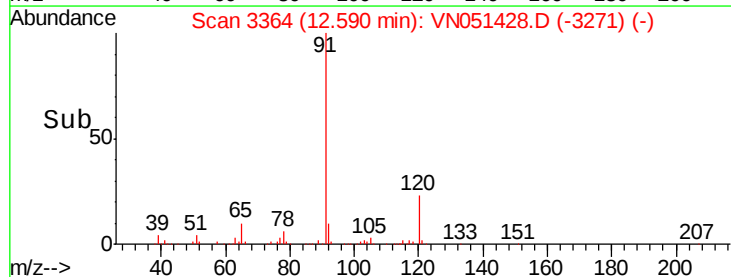
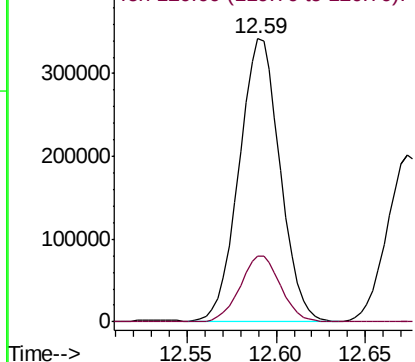
Lab File: VN051428.D

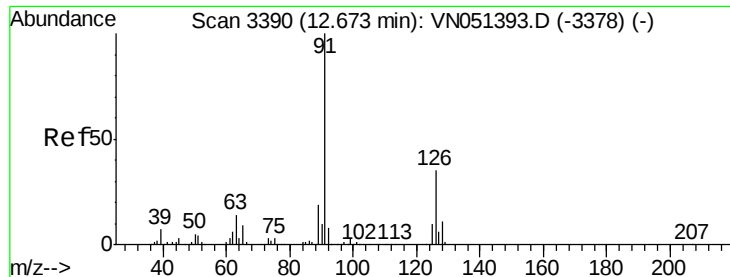
Acq: 23 Sep 2018 22:08

Tgt Ion:	91	Resp:	546602
Ion Ratio	Lower	Upper	
91	100		
120	23.1	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: 19.775 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion: 91 Resp: 337966

Ion Ratio Lower Upper

91 100

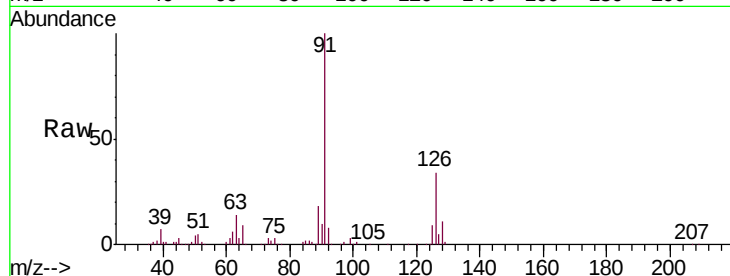
126 34.8 17.6 52.8

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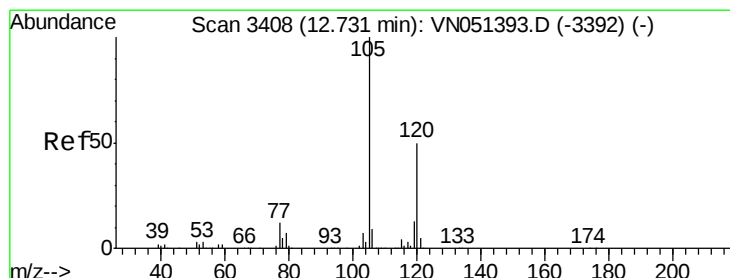
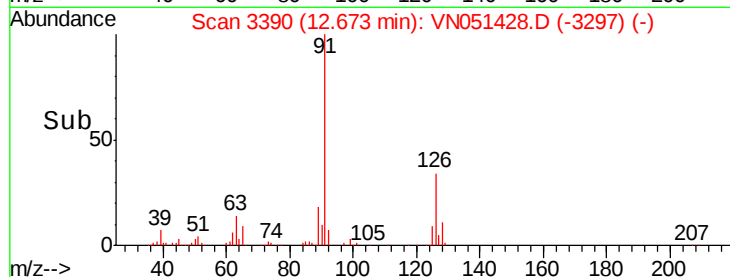
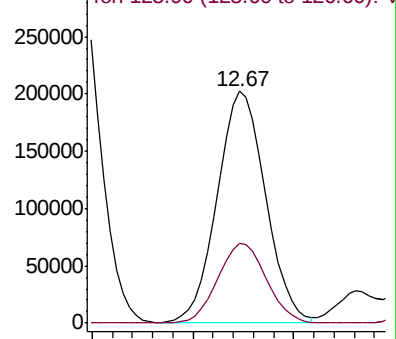
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Abundance Ion 91.00 (90.70 to 91.70): VN051393.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.564 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051428.D

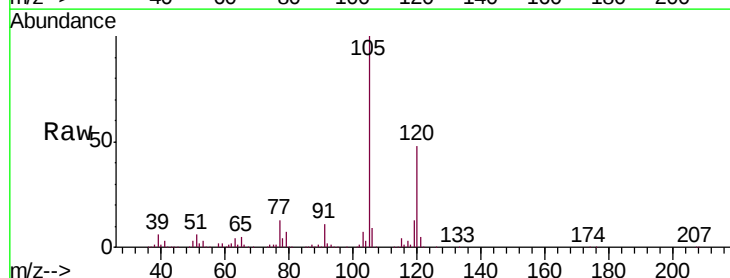
Acq: 23 Sep 2018 22:08

Tgt Ion: 105 Resp: 404130

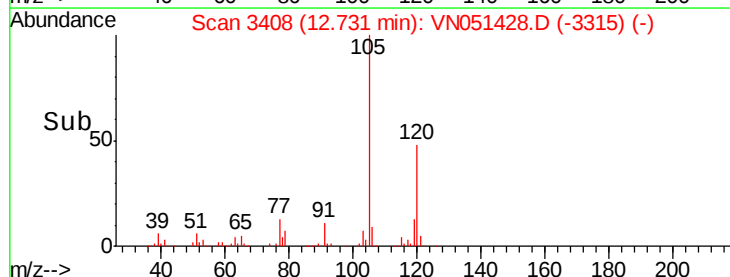
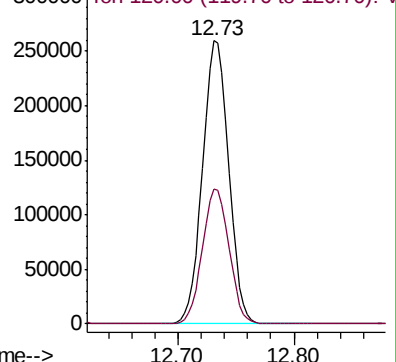
Ion Ratio Lower Upper

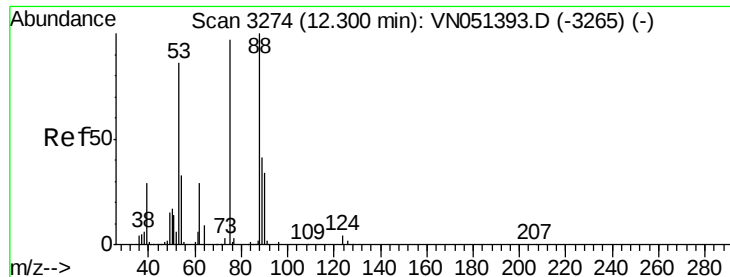
105 100

120 48.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051393.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.107 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

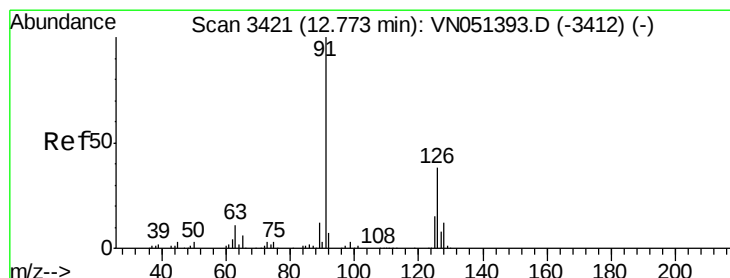
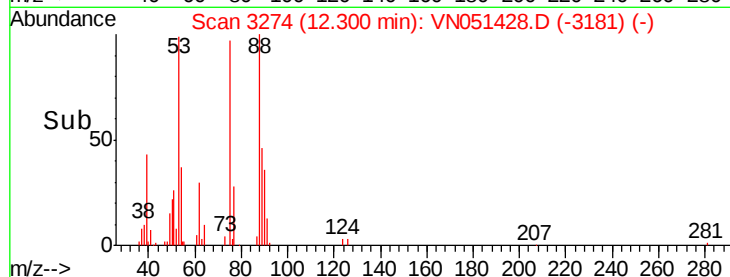
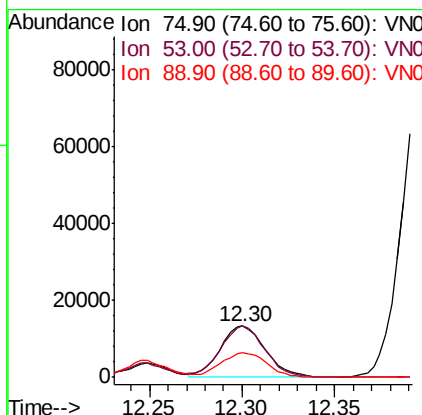
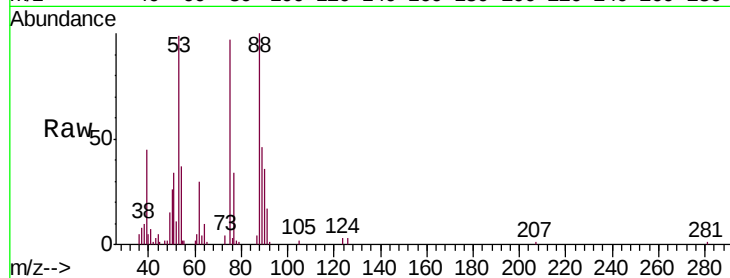
ClientSampleId :

VN0923WBSD02

Tgt Ion:	75	Resp:	22867
Ion	Ratio	Lower	Upper
75	100		
53	97.8	73.9	110.9
89	47.4	36.7	55.1

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#82

4-Chlorotoluene

Concen: 19.115 ug/l

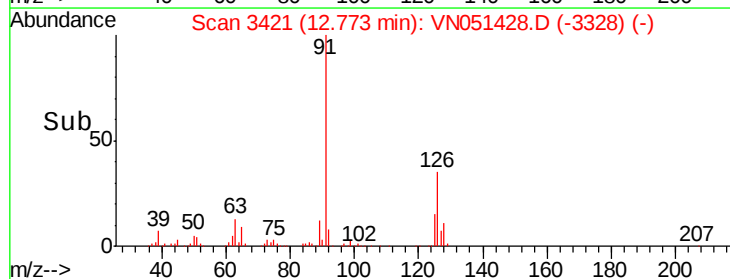
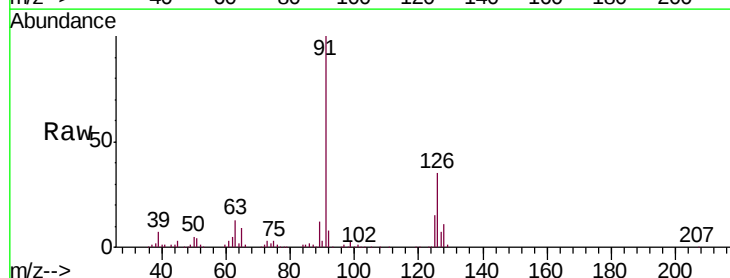
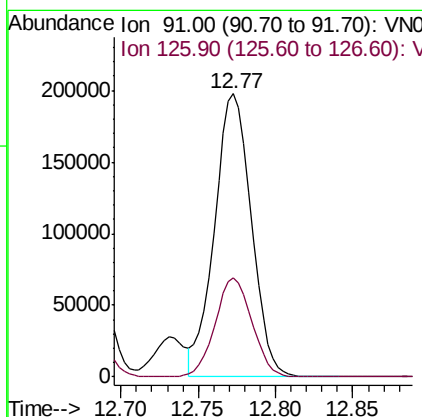
RT: 12.77 min Scan# 3421

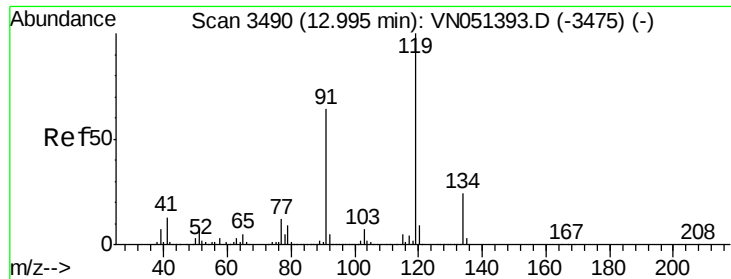
Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion:	91	Resp:	326059
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.5	52.5





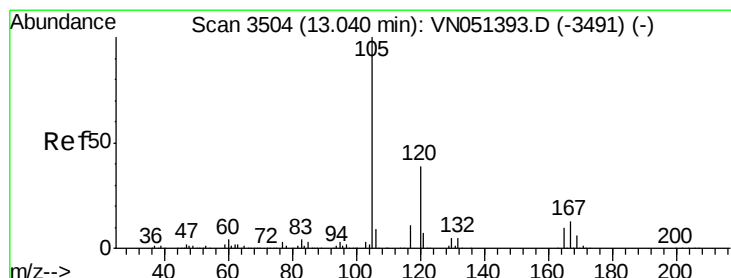
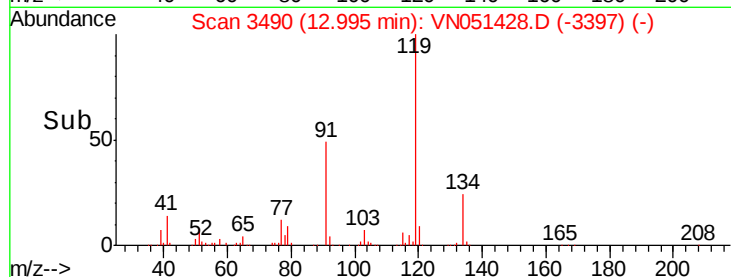
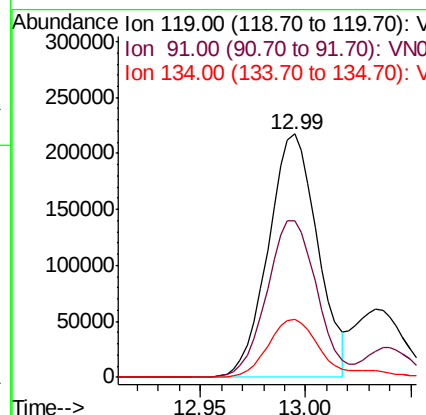
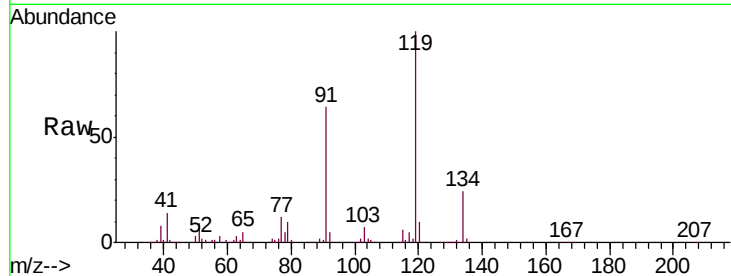
#83
tert-Butylbenzene
Concen: 19.241 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.2	31.7	95.1
134	24.5	12.3	36.9

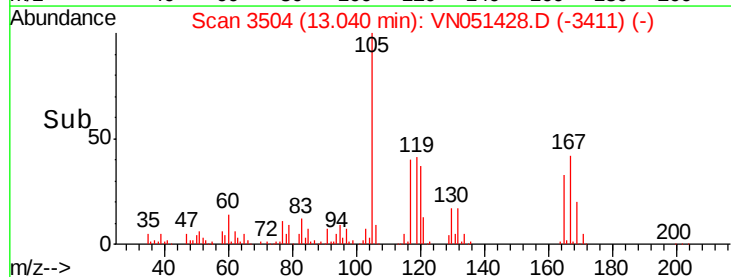
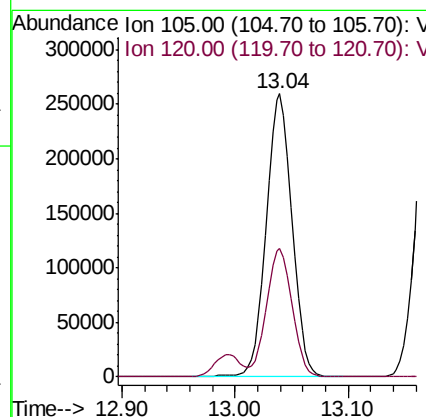
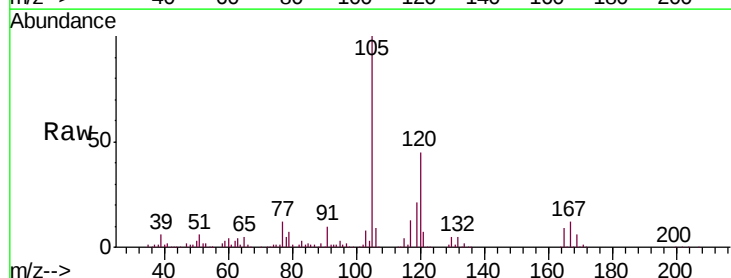
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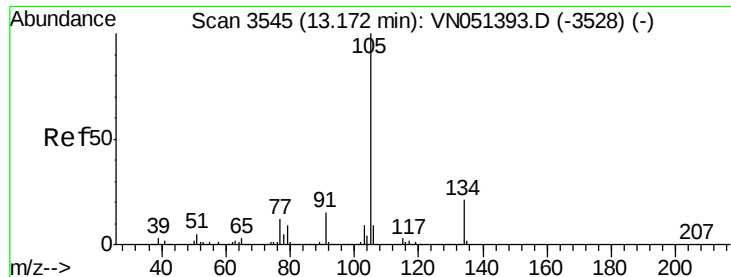
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#84
1,2,4-Trimethylbenzene
Concen: 19.756 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 18.940 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBSD02

Tgt Ion:105 Resp: 471105

Ion Ratio Lower Upper

105 100

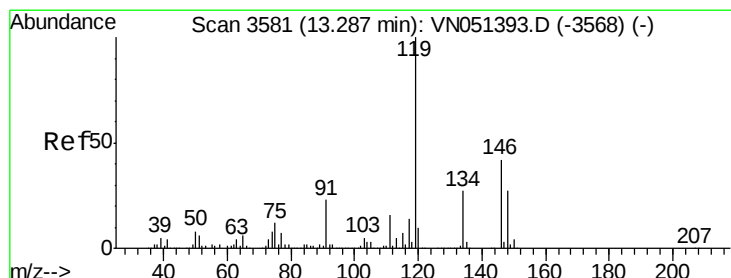
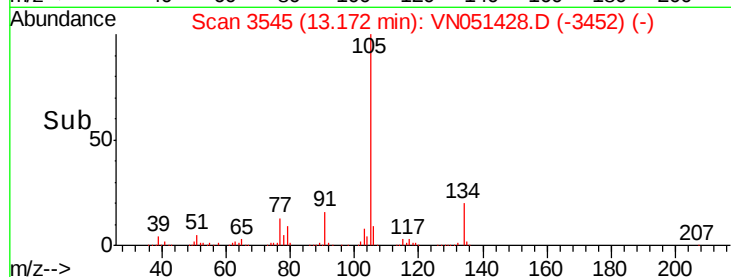
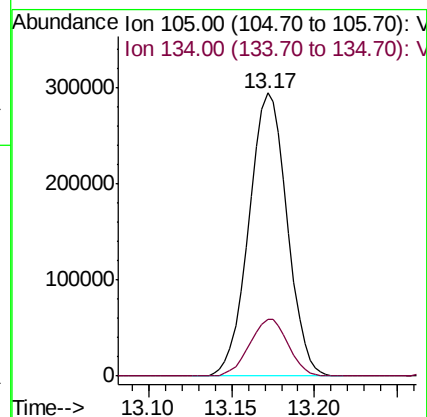
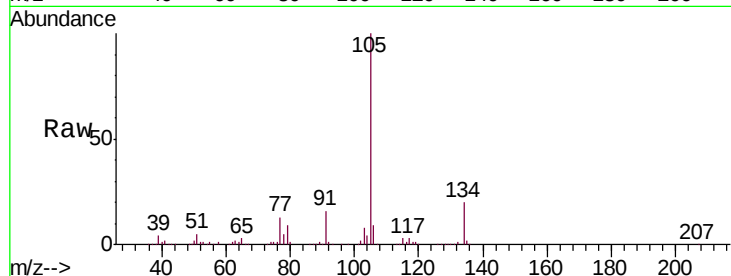
134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 18.534 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

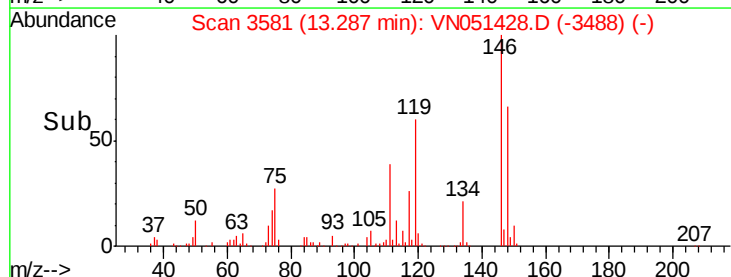
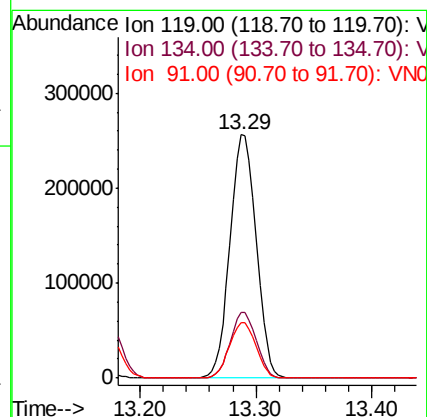
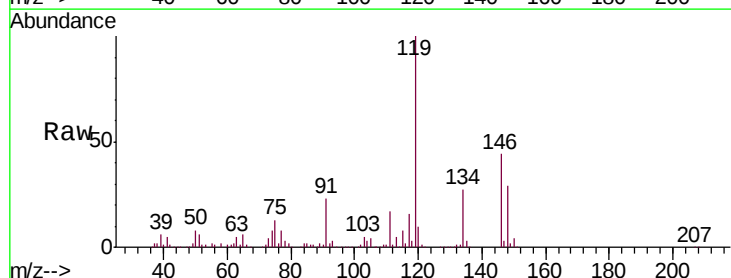
Tgt Ion:119 Resp: 398906

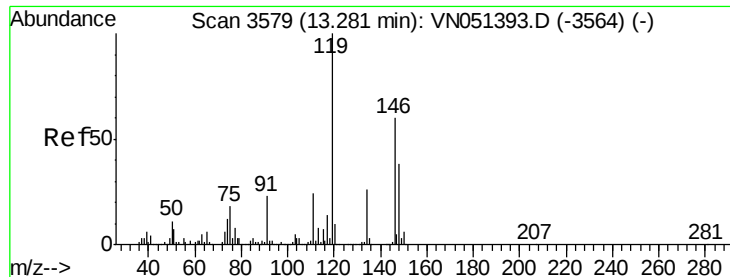
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 23.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 18.720 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

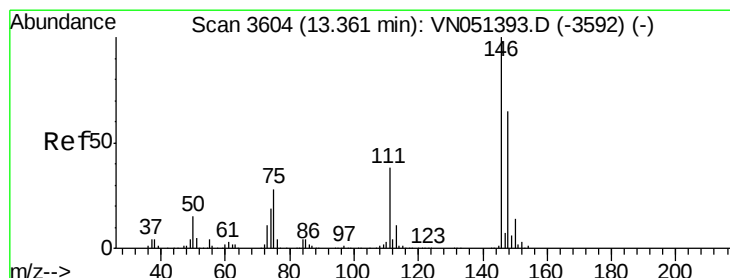
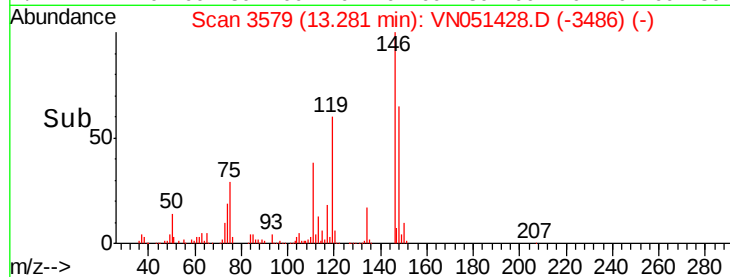
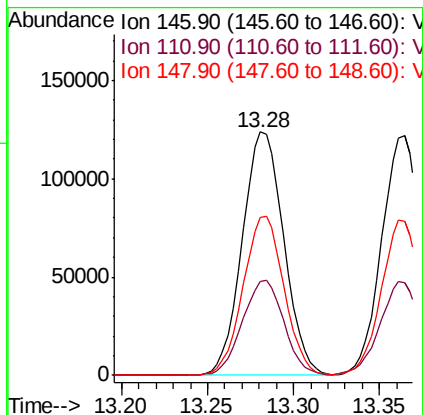
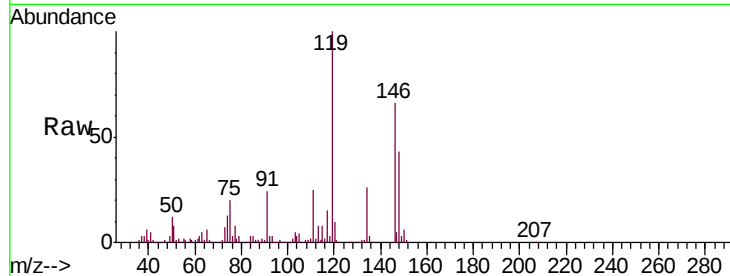
ClientSampleId :

VN0923WBSD02

Tgt Ion:	146	Resp:	207750
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.7	59.1
148	64.4	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 18.701 ug/l

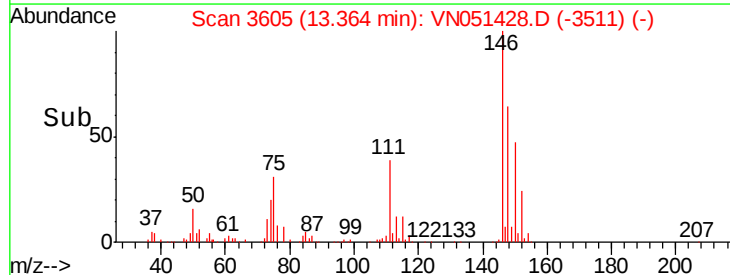
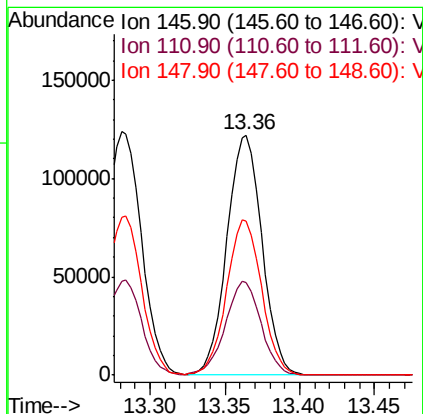
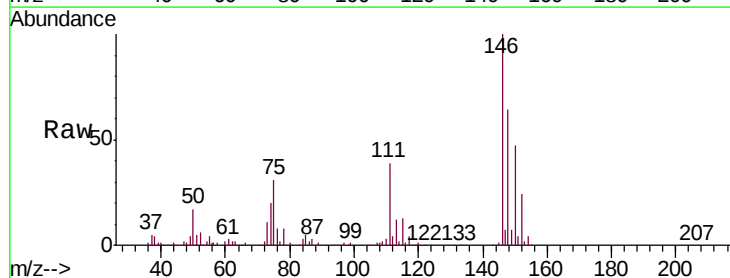
RT: 13.36 min Scan# 3605

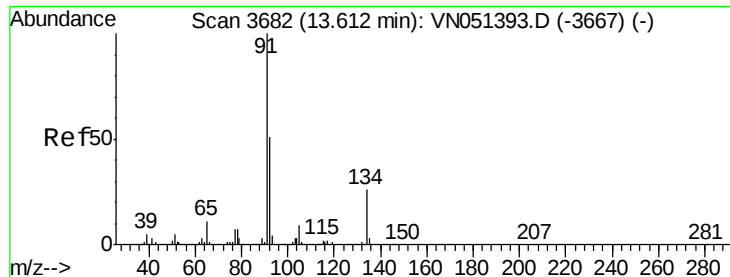
Delta R.T. 0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion:	146	Resp:	199697
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.1	57.1
148	64.6	32.5	97.5





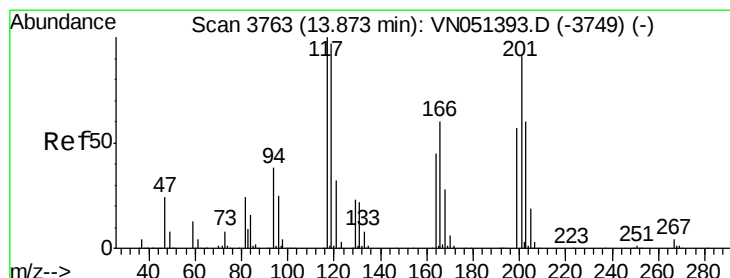
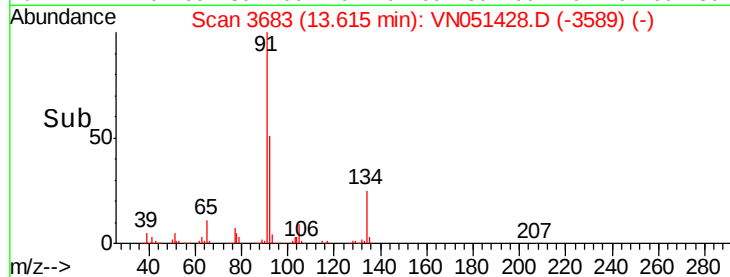
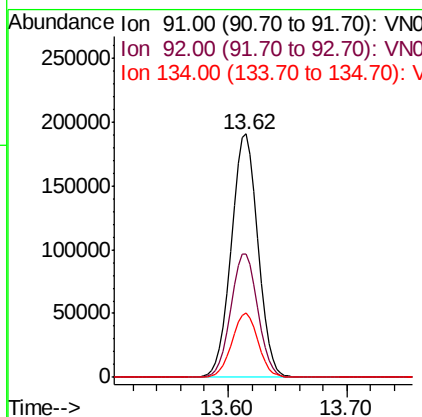
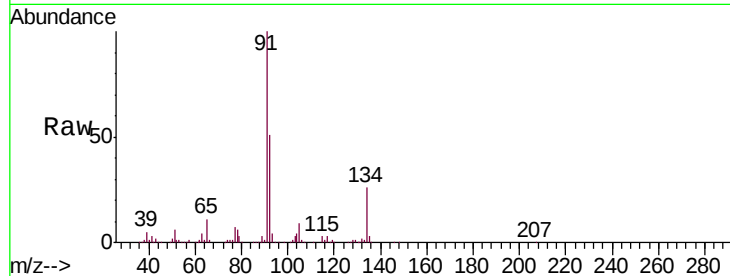
#89
n-Butylbenzene
Concen: 16.757 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.5	76.5
134	25.8	13.3	39.8

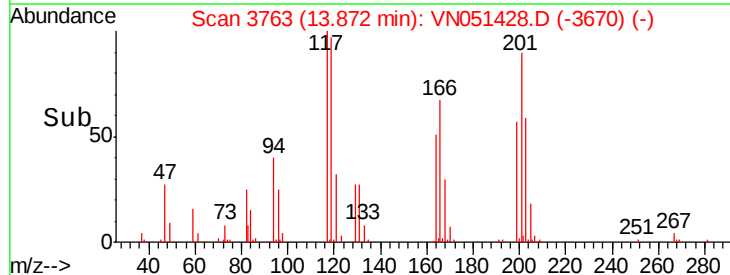
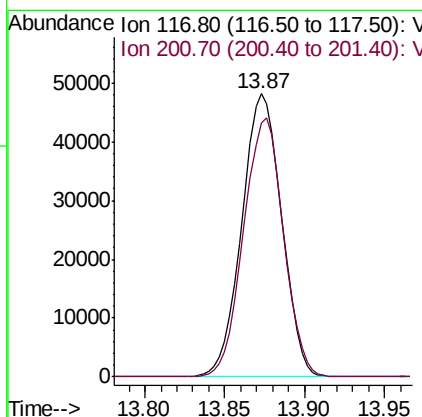
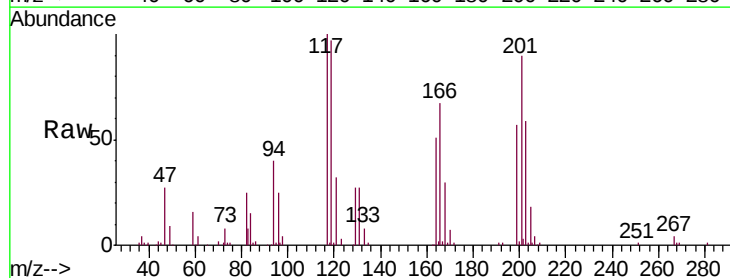
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#90
Hexachloroethane
Concen: 19.070 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051428.D
Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

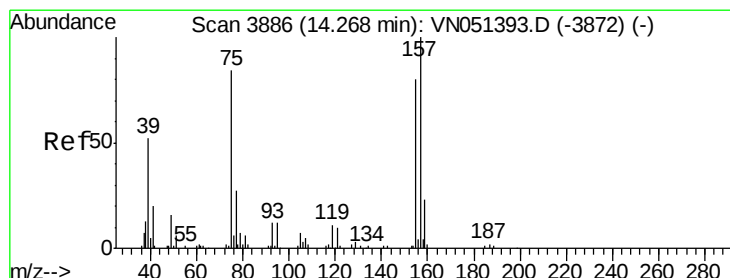
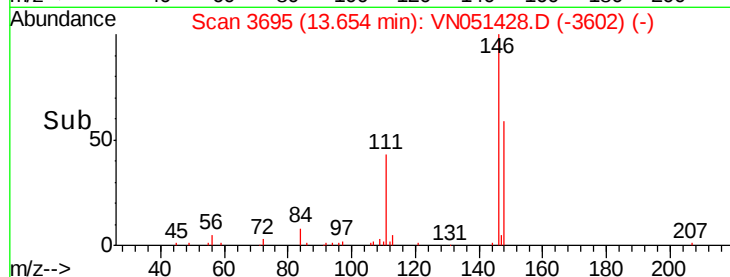
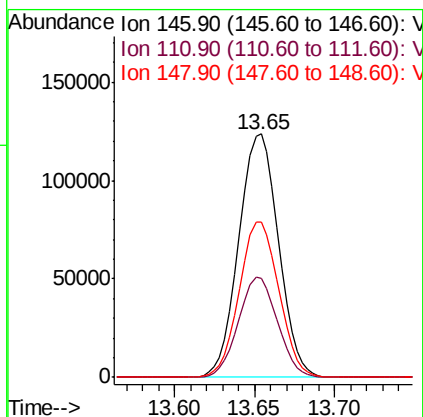
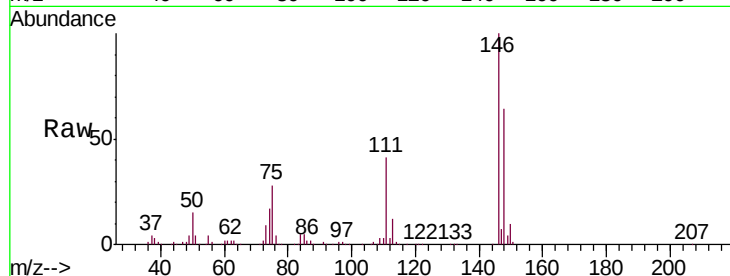
ClientSampleId :

VN0923WBSD02

Tgt Ion:	146	Resp:	209216
Ion Ratio		Lower	Upper
146	100		
111	40.3	20.0	60.0
148	63.8	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.673 ug/l

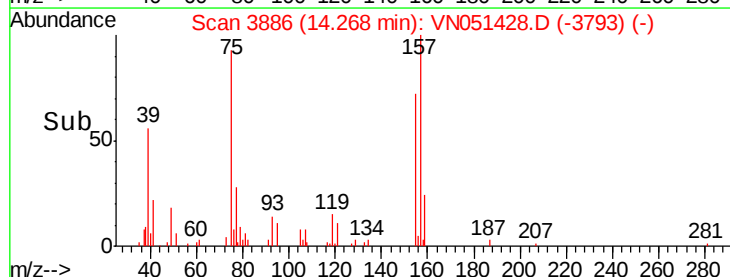
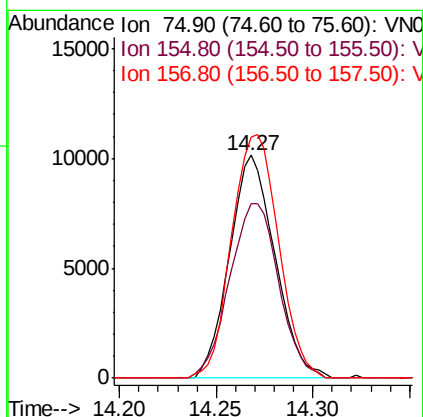
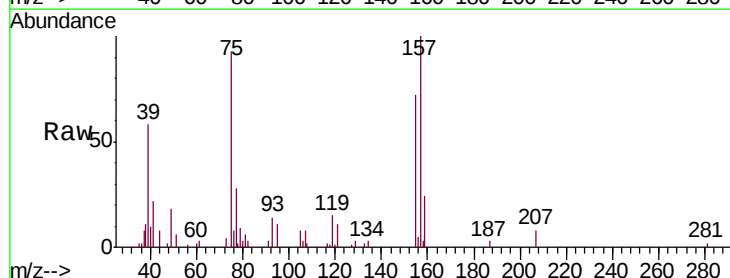
RT: 14.27 min Scan# 3886

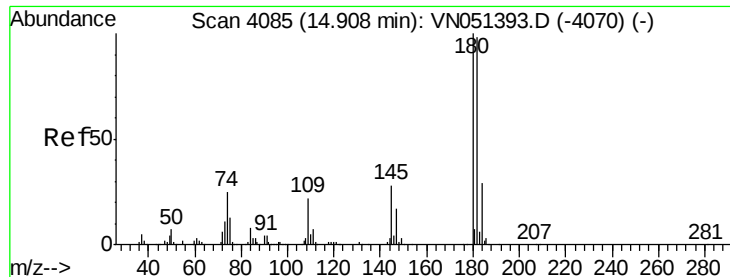
Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion:	75	Resp:	16585
Ion Ratio		Lower	Upper
75	100		
155	84.5	46.9	140.6
157	113.1	58.4	175.1





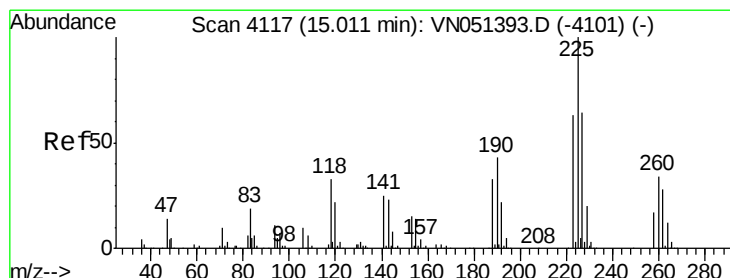
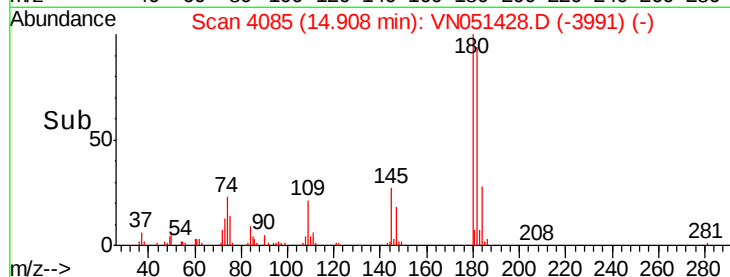
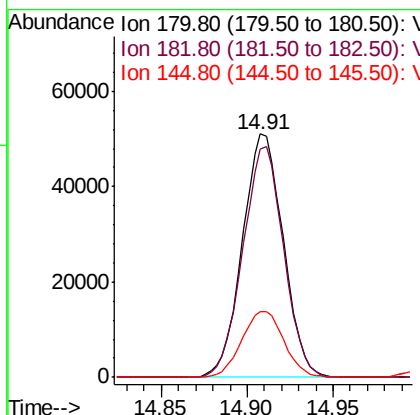
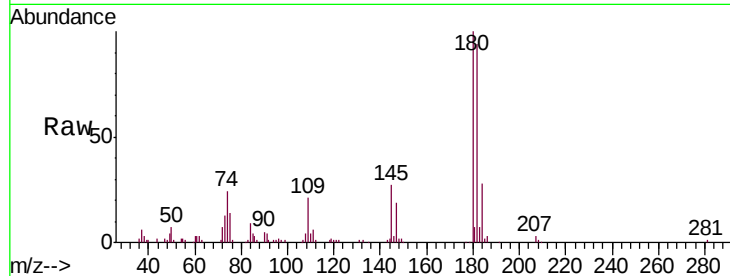
#93
 1,2,4-Trichlorobenzene
 Concen: 18.722 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBSD02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	27.9	14.1	42.4

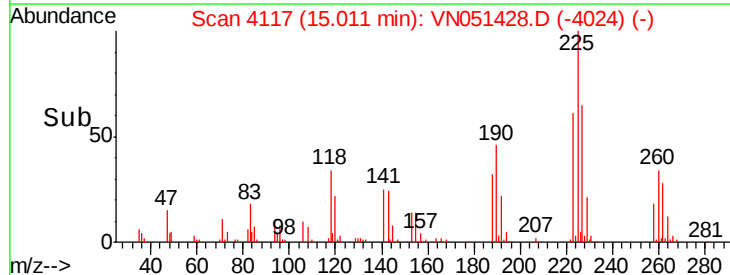
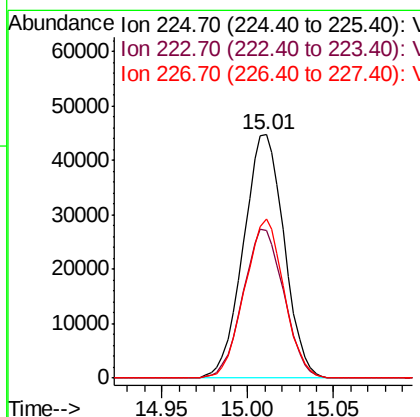
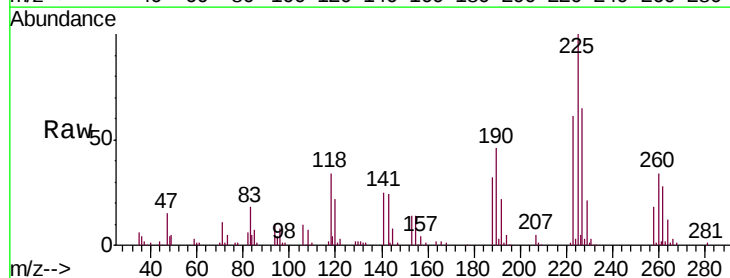
Manual Integrations
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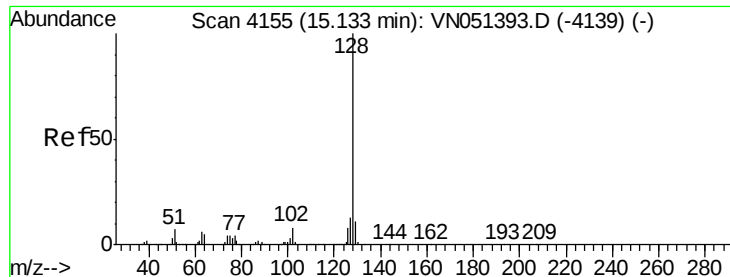
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#94
 Hexachlorobutadiene
 Concen: 18.078 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051428.D
 Acq: 23 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.9
227	62.9	32.5	97.5





#95

Naphthalene

Concen: 19.092 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Instrument :

MSVOA_N

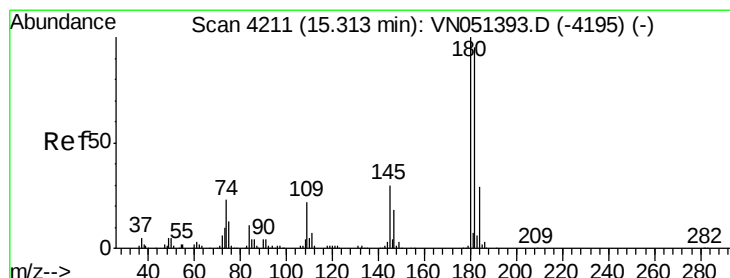
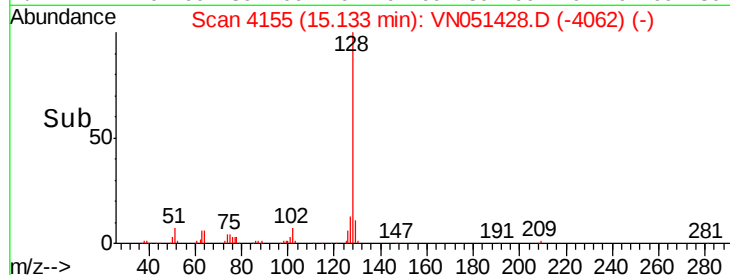
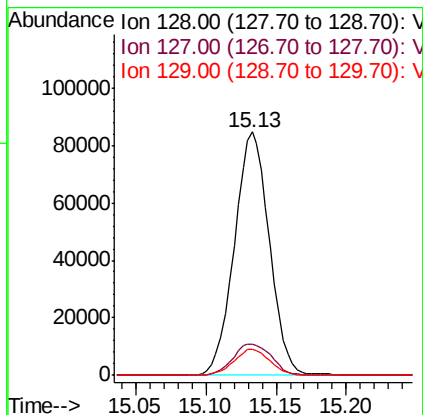
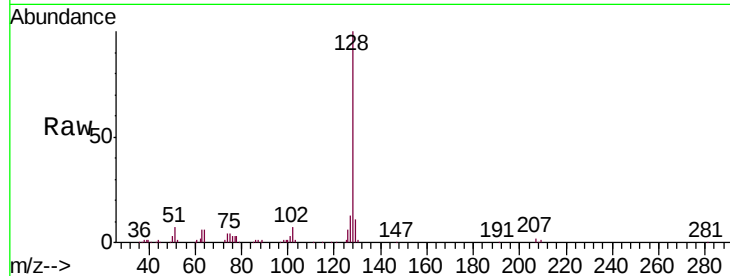
ClientSampled :

VN0923WBSD02

Tgt Ion:	128	Resp:	146977
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.5	15.7
129	11.0	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 16.859 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051428.D

Acq: 23 Sep 2018 22:08

Tgt Ion:	180	Resp:	87121
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.2	141.6
145	29.7	14.6	43.8

