

Data File : VN049644.D
Acq On : 30 Jun 2018 11:52
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
7/2/2018 4:18:05 PM

Quant Time: Jul 02 01:28:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1469662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2165725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1959271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1095007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	872070	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.59	113	761916	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	10.09	98	3034006	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	1058146	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	795712	48.044	ug/l	97
3) Chloromethane	2.06	50	895376	43.284	ug/l	100
4) Vinyl Chloride	2.18	62	1006924	45.321	ug/l	99
5) Bromomethane	2.56	94	487529	41.775	ug/l	98
6) Chloroethane	2.70	64	618930	44.013	ug/l	99
7) Trichlorofluoromethane	3.02	101	1145393	45.133	ug/l	100
8) Diethyl Ether	3.41	74	458814	44.603	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	857874	46.984	ug/l	99
10) Methyl Iodide	3.95	142	1145897	50.147	ug/l	99
11) Tert butyl alcohol	4.79	59	245830	220.729	ug/l	100
12) 1,1-Dichloroethene	3.73	96	763311	44.220	ug/l	100
13) Acrolein	3.60	56	242116	232.736	ug/l	99
14) Allyl chloride	4.32	41	1134116	47.831	ug/l	100
15) Acrylonitrile	4.99	53	1282898	223.028	ug/l	99
16) Acetone	3.82	43	875959	223.904	ug/l	99
17) Carbon Disulfide	4.05	76	2103174	44.227	ug/l	100
18) Methyl Acetate	4.33	43	761426	43.579	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	2084488	46.844	ug/l	98
20) Methylene Chloride	4.55	84	867934	43.428	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	805395	45.336	ug/l	98
22) Diisopropyl ether	5.95	45	2578231	48.061	ug/l	100
23) Vinyl Acetate	5.90	43	8220650	236.311	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1541443	45.611	ug/l	99
25) 2-Butanone	6.84	43	1418785	220.202	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1322461	47.116	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	932091	46.970	ug/l	100
28) Bromochloromethane	7.19	49	721817	50.324	ug/l	100
29) Tetrahydrofuran	7.21	42	927387	225.827	ug/l	99
30) Chloroform	7.37	83	1578526	45.821	ug/l	99
31) Cyclohexane	7.65	56	1372719	47.346	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1355647	46.480	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1193950	49.001	ug/l	100
37) Ethyl Acetate	6.93	43	658975	46.368	ug/l	99
38) Carbon Tetrachloride	7.77	117	1160356	48.956	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1338593	50.107	ug/l	100
40) Benzene	8.04	78	3546031	47.662	ug/l	99
41) Methacrylonitrile	7.17	41	362129	45.204	ug/l	99
42) 1,2-Dichloroethane	8.12	62	1086295	45.750	ug/l	100
43) Isopropyl Acetate	8.17	43	1255431	44.426	ug/l	98
44) Trichloroethene	8.83	130	1021499	45.527	ug/l	99
45) 1,2-Dichloropropane	9.12	63	936705	48.731	ug/l	100
46) Dibromomethane	9.21	93	540693	46.496	ug/l	98
47) Bromodichloromethane	9.40	83	1192713	48.180	ug/l	99
48) Methyl methacrylate	9.20	41	606205	48.001	ug/l	99
49) 1,4-Dioxane	9.20	88	157057	925.047	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3238717	232.436	ug/l	100
52) Toluene	10.16	92	2196075	48.858	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1166431	49.208	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1381333	49.861	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	773380	46.211	ug/l	99
56) Ethyl methacrylate	10.43	69	983098	50.114	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1293558	47.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2209586	217.578	ug/l	100
59) 2-Hexanone	10.75	43	2223587	241.333	ug/l	100
60) Dibromochloromethane	10.90	129	882783	48.804	ug/l	98
61) 1,2-Dibromoethane	11.01	107	748376	46.669	ug/l	99
64) Tetrachloroethene	10.63	164	1182704	44.581	ug/l	99
65) Chlorobenzene	11.44	112	2412527	47.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	884870	48.182	ug/l	99
67) Ethyl Benzene	11.51	91	4214730	49.885	ug/l	100
68) m/p-Xylenes	11.62	106	3292493	101.686	ug/l	100
69) o-Xylene	11.95	106	1579427	50.949	ug/l	98
70) Styrene	11.97	104	2608389	52.003	ug/l	100
71) Bromoform	12.13	173	597334	48.949	ug/l #	99
73) Isopropylbenzene	12.25	105	4209893	48.266	ug/l	100
74) N-amyl acetate	12.07	43	1076350	45.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	849247	46.795	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	734221m	41.808	ug/l	
77) Bromobenzene	12.53	156	1056251	44.535	ug/l	99
78) n-propylbenzene	12.59	91	4942561	49.443	ug/l	99
79) 2-Chlorotoluene	12.68	91	2910463	46.004	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3582761	49.431	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	240065	46.429	ug/l	99
82) 4-Chlorotoluene	12.77	91	2978609	46.825	ug/l	99
83) tert-Butylbenzene	12.99	119	3020019	48.504	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3670130	49.279	ug/l	100
85) sec-Butylbenzene	13.17	105	4140424	50.191	ug/l	100
86) p-Isopropyltoluene	13.29	119	3683509	51.552	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1976167	49.192	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1930801	48.932	ug/l	99
89) n-Butylbenzene	13.62	91	3138367	51.304	ug/l	100
90) Hexachloroethane	13.88	117	455939	60.748	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1900625	49.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140658	46.177	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063018\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	949824	47.217	ug/l	99
94) Hexachlorobutadiene	15.01	225	627544	54.144	ug/l	99
95) Naphthalene	15.14	128	1917873	43.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	905275	47.342	ug/l	100

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

Data File : VN049644.D

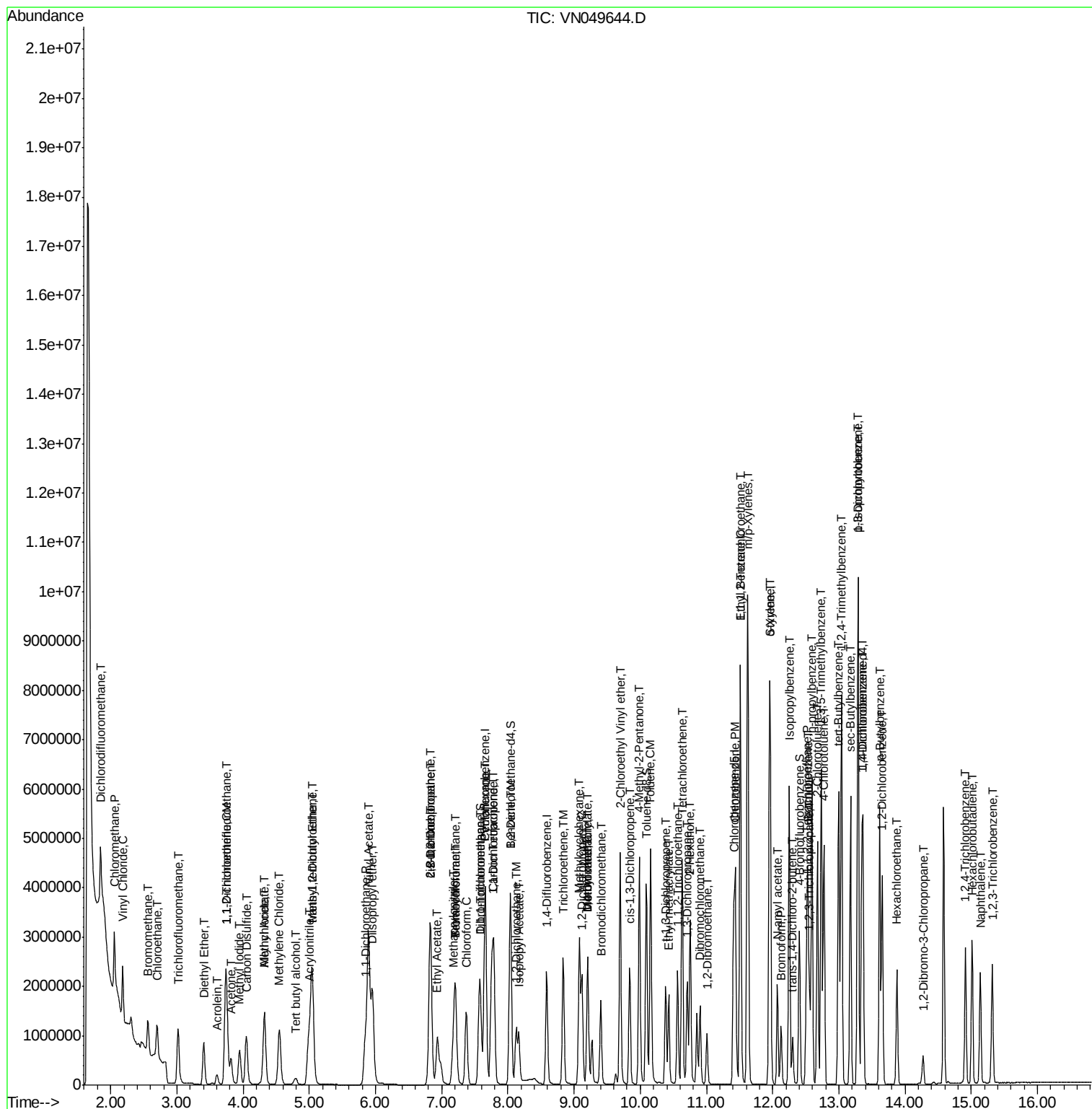
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Acq On       : 30 Jun 2018   11:52
Operator    : MD\SY
Sample      : VSTDCCC050
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 2      Sample Multiplier: 1
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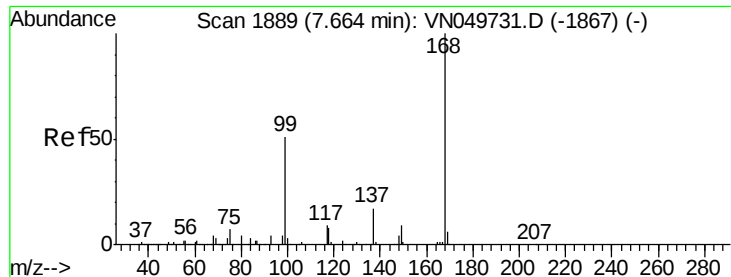
Instrument :
MSVOA_N
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Manual Integrations
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Quant Time: Jul 02 01:28:45 2018
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 1469662

Ion Ratio Lower Upper

168 100

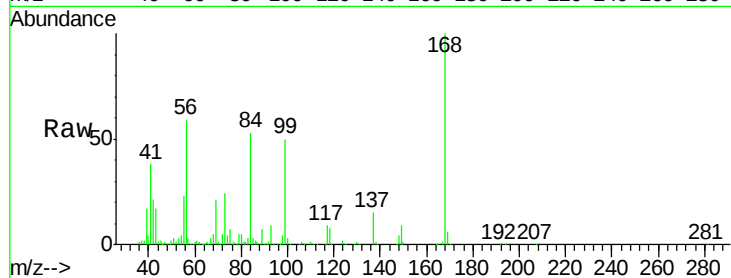
99 49.2 40.6 61.0

Manual Integrations

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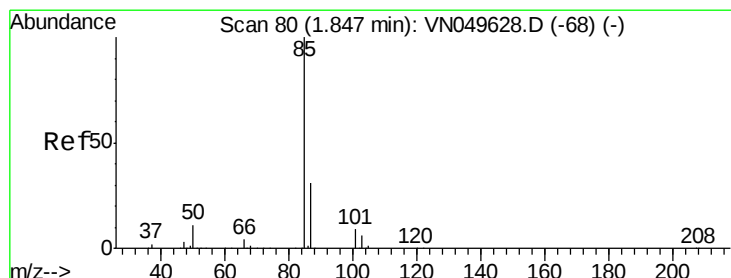
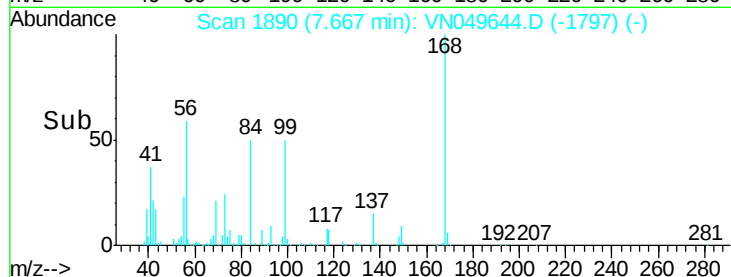
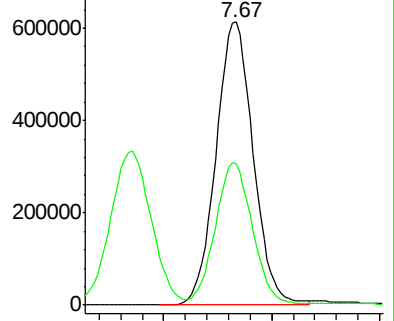
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.044 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049644.D

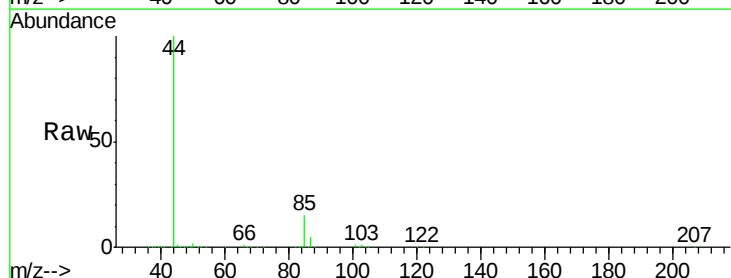
Acq: 30 Jun 2018 11:52

Tgt Ion: 85 Resp: 795712

Ion Ratio Lower Upper

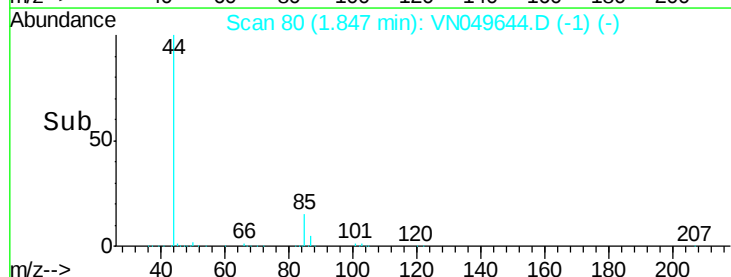
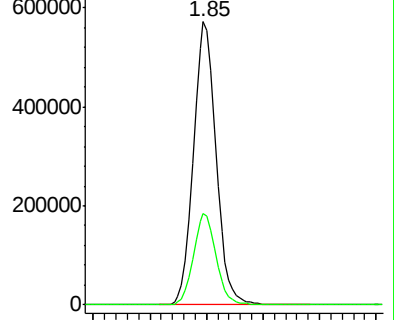
85 100

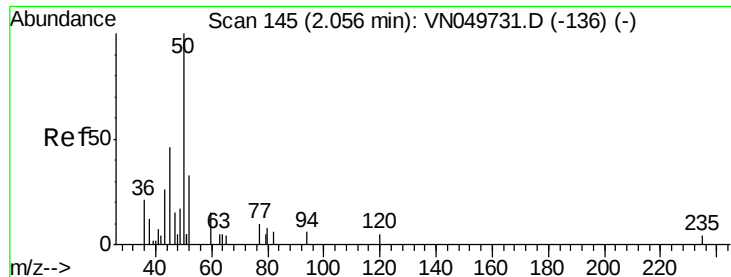
87 32.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.284 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion: 50 Resp: 895376

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1

Instrument :

MSVOA_N

ClientSampleId :

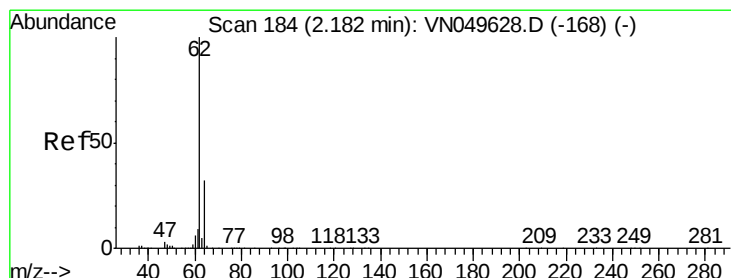
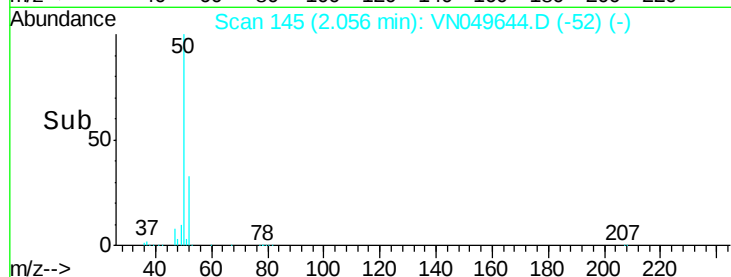
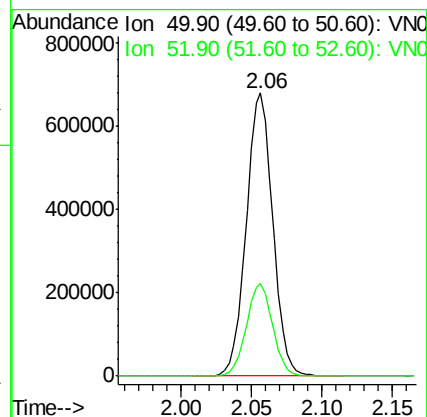
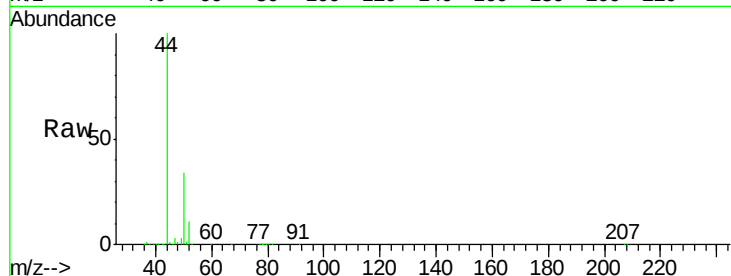
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.321 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049644.D

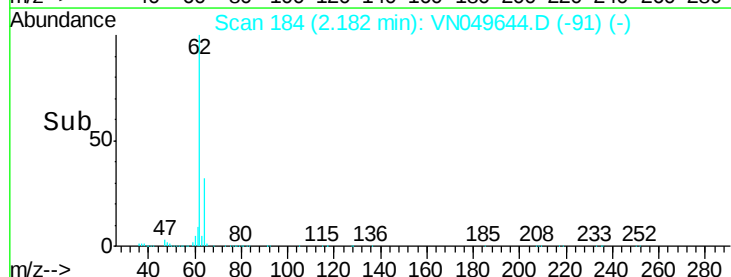
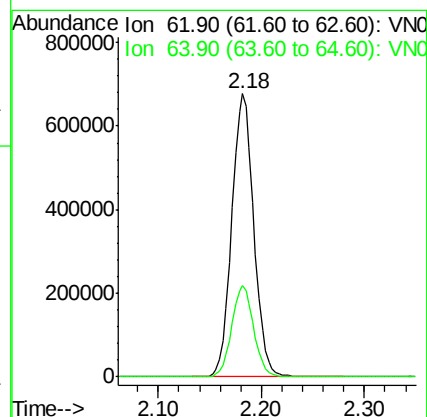
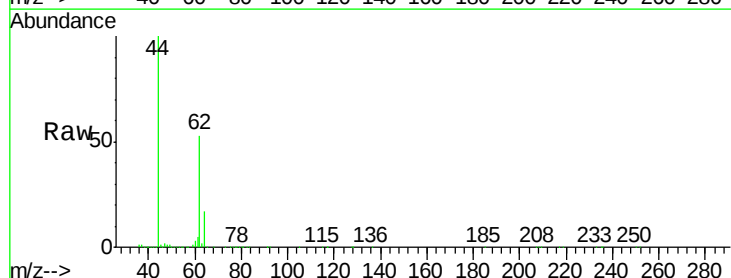
Acq: 30 Jun 2018 11:52

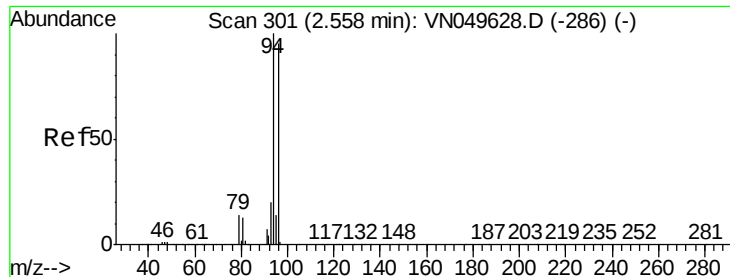
Tgt Ion: 62 Resp: 1006924

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 41.775 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 94 Resp: 487529

Ion Ratio Lower Upper

94 100

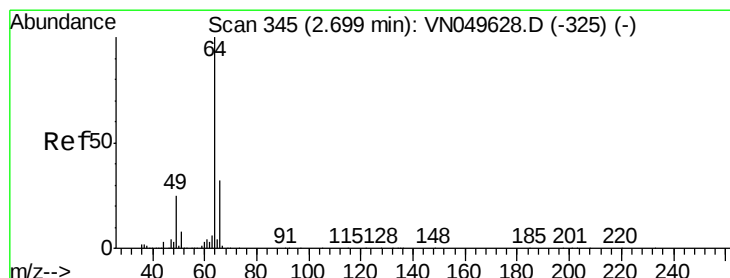
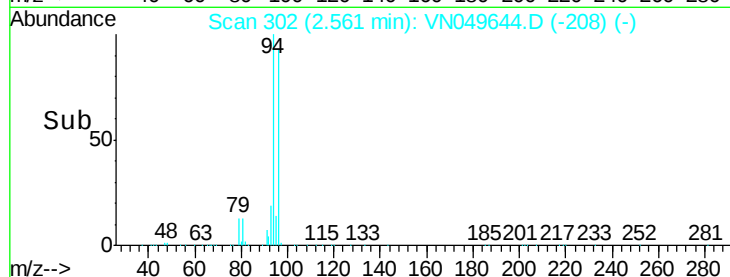
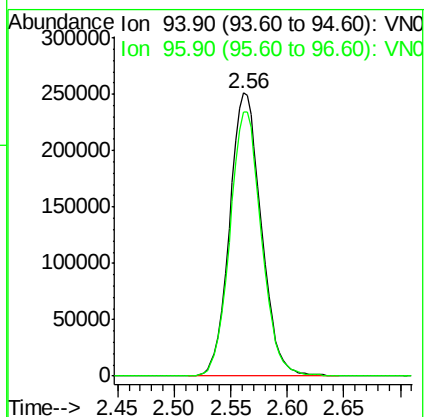
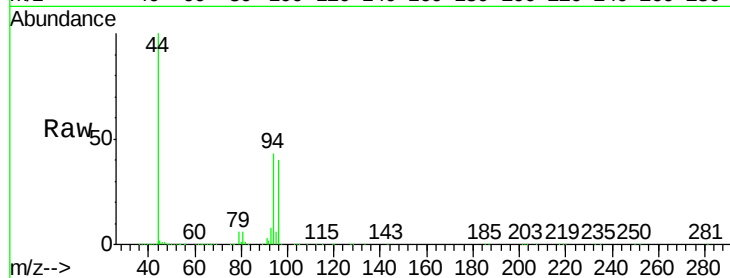
96 93.1 75.7 113.5

Manual Integrations

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7/2/2018 4:18:05 PM



#6

Chloroethane

Concen: 44.013 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049644.D

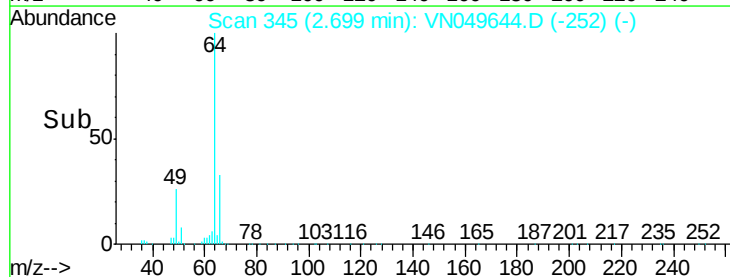
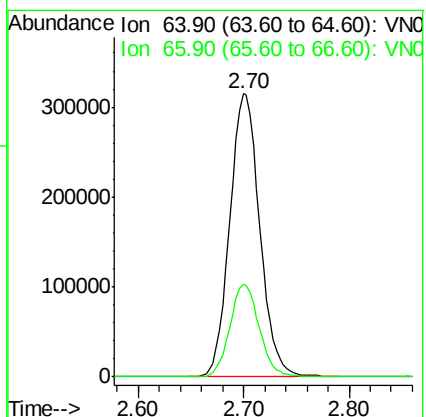
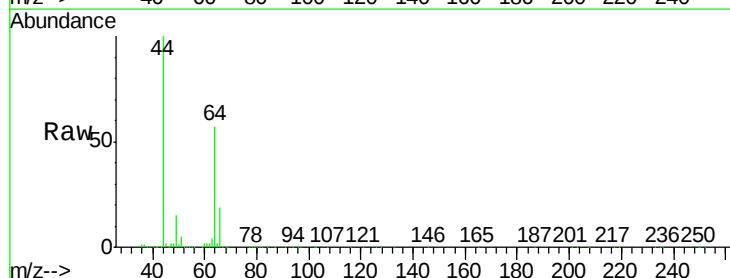
Acq: 30 Jun 2018 11:52

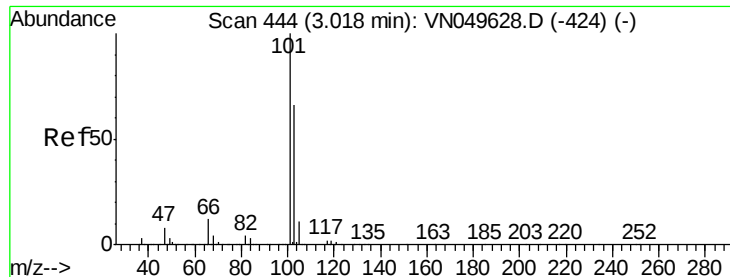
Tgt Ion: 64 Resp: 618930

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

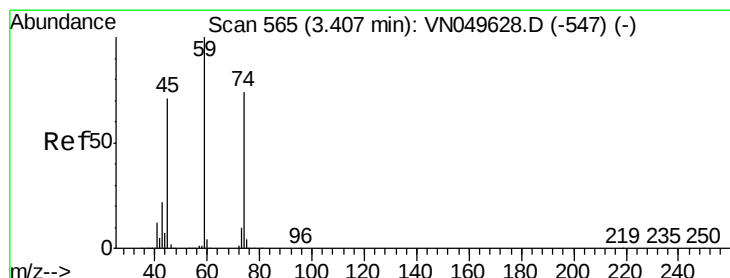
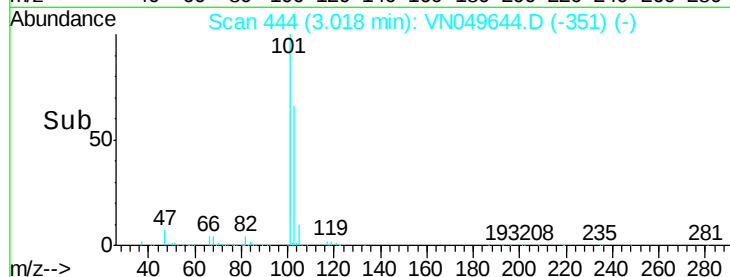
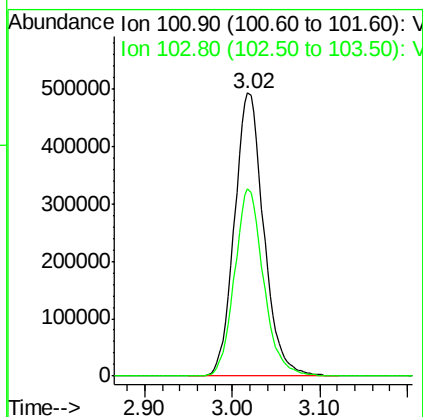
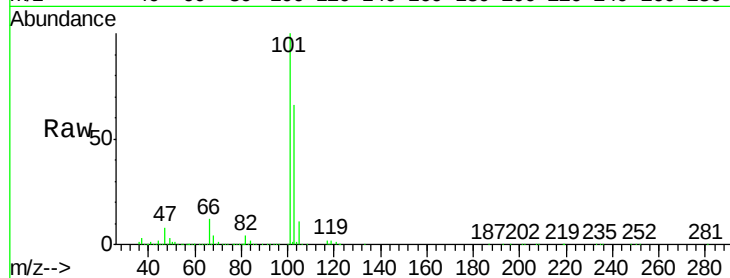
Trichlorofluoromethane
Concen: 45.133 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 101 Resp: 1145393
Ion Ratio Lower Upper
101 100
103 66.2 52.8 79.2

Manual Integrations
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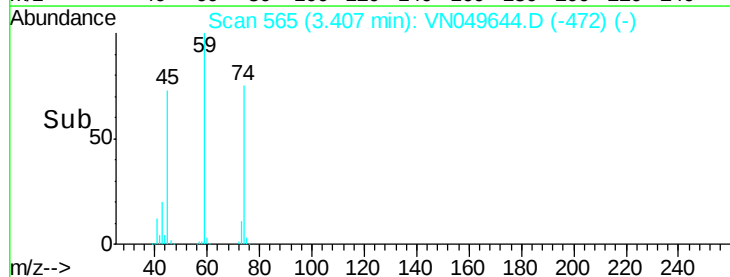
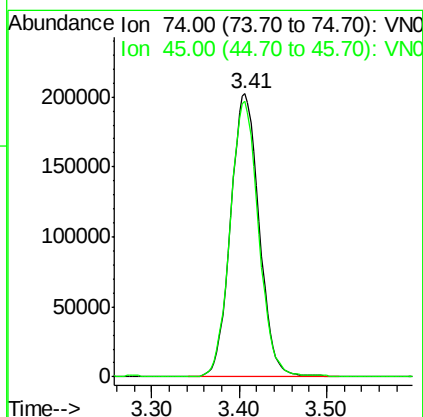
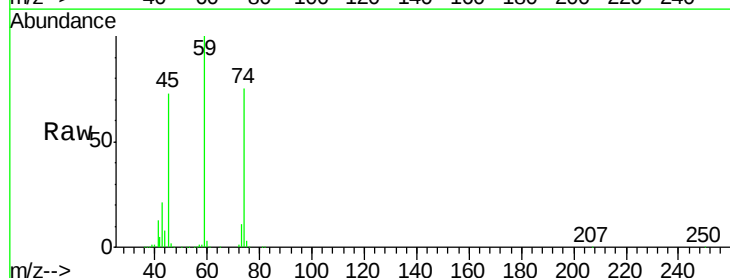
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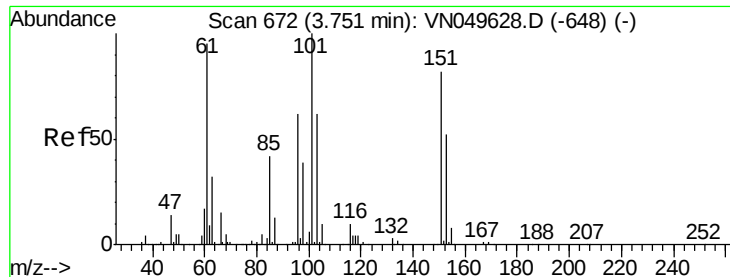


#8

Diethyl Ether
Concen: 44.603 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 74 Resp: 458814
Ion Ratio Lower Upper
74 100
45 96.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.984 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

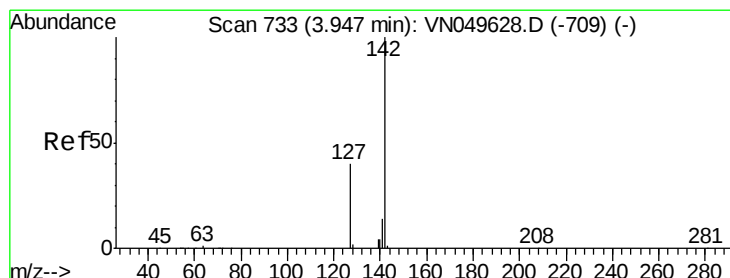
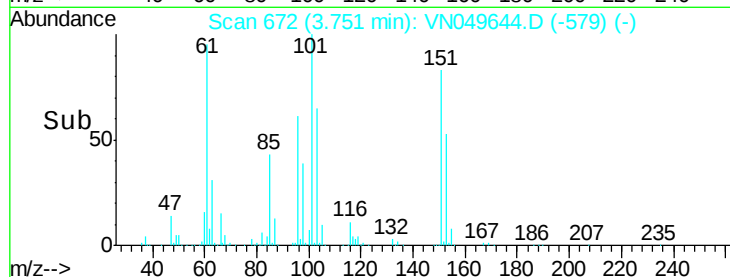
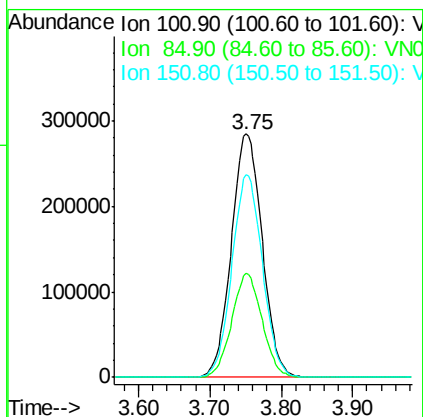
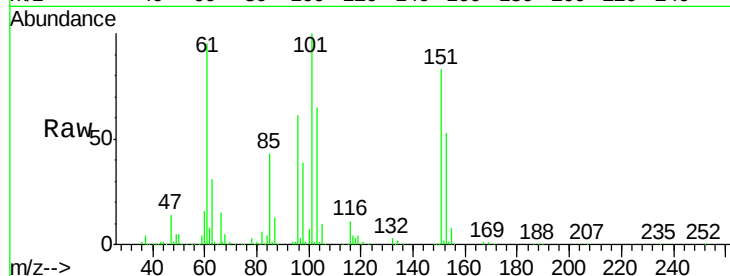
ClientSampled :

VSTDCCC050

Tgt Ion:	101	Resp:	857874
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.4	51.6
151	82.3	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 50.147 ug/l

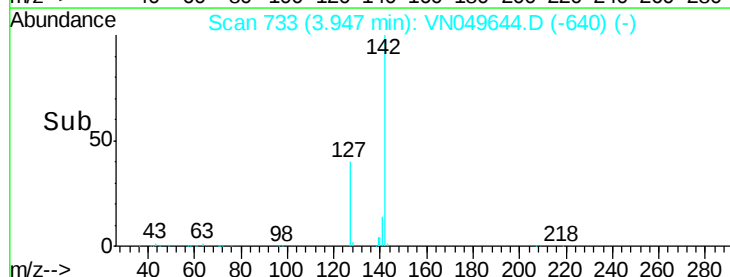
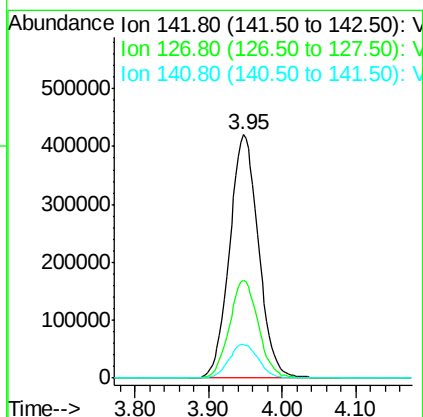
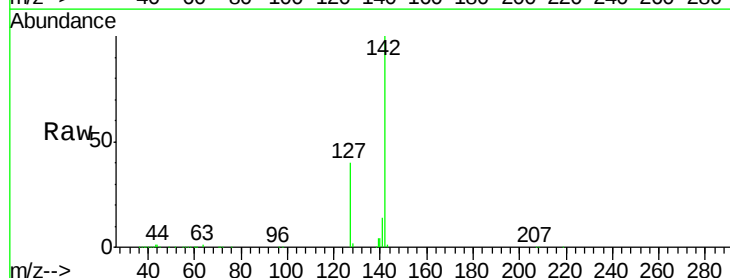
RT: 3.95 min Scan# 733

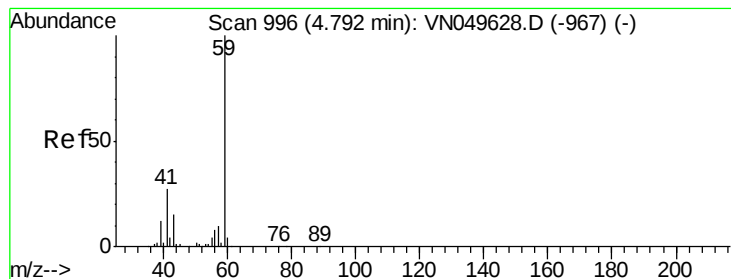
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	142	Resp:	1145897
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.5	48.7
141	14.2	11.1	16.7





#11

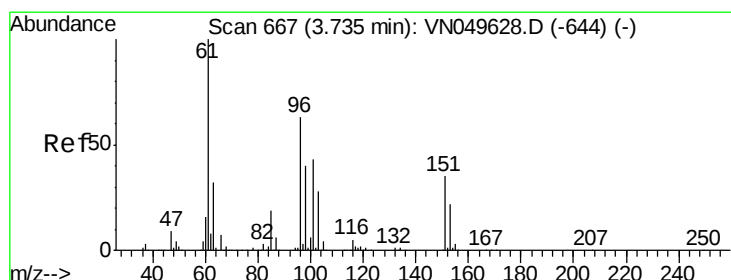
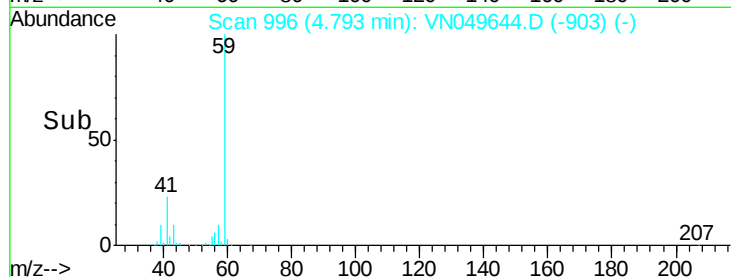
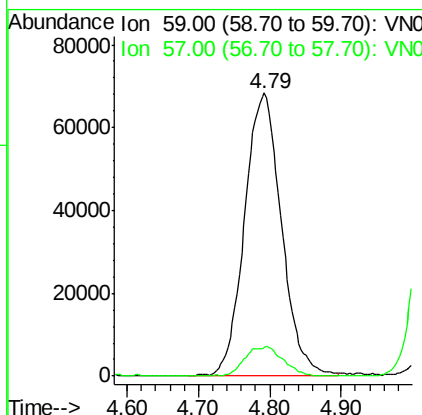
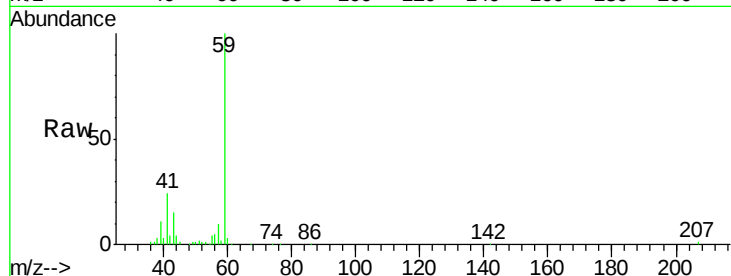
Tert butyl alcohol
 Concen: 220.729 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

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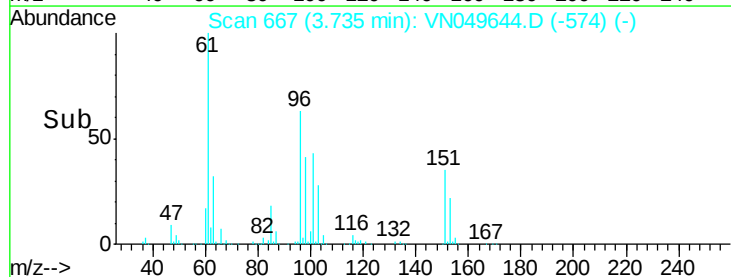
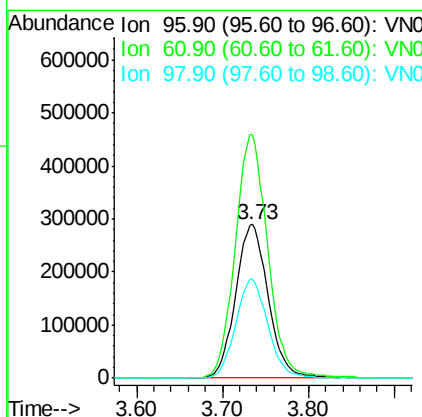
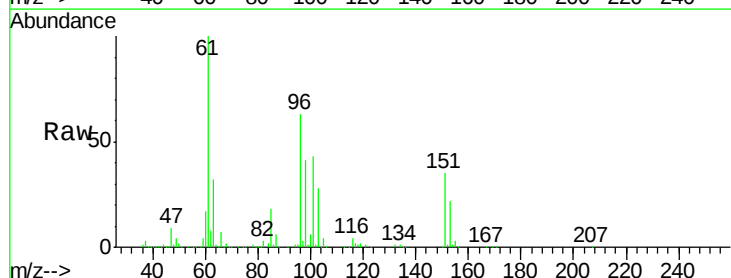
apatel
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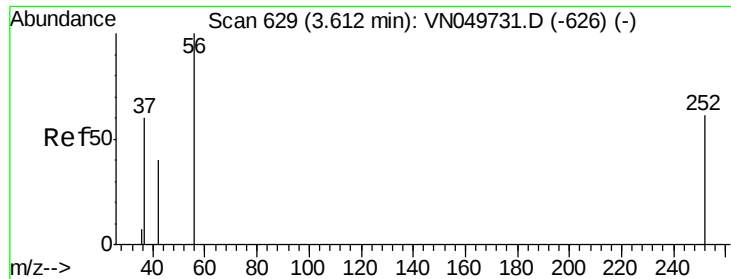


#12

1,1-Dichloroethene
 Concen: 44.220 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	126.5	189.7
98	64.5	51.0	76.6





#13

Acrolein

Concen: 232.736 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 56 Resp: 242116

Ion Ratio Lower Upper

56 100

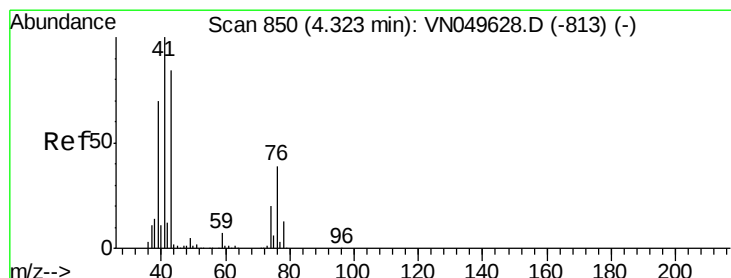
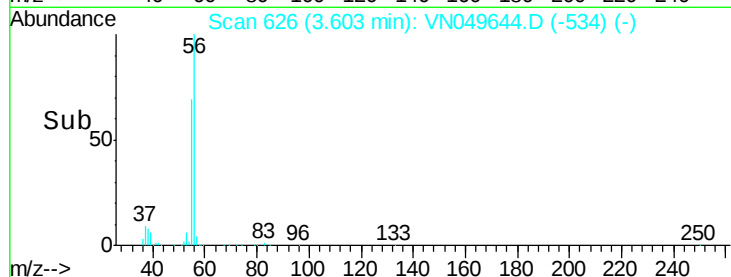
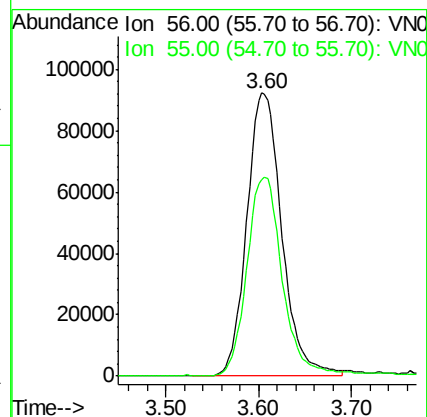
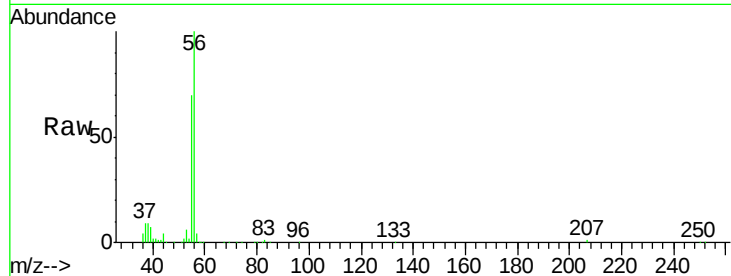
55 70.5 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.831 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

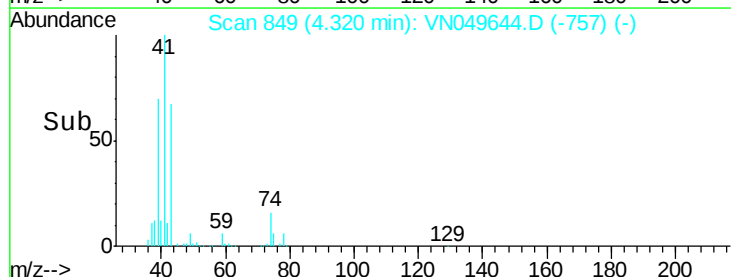
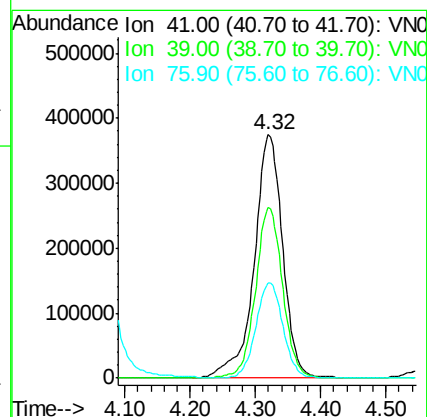
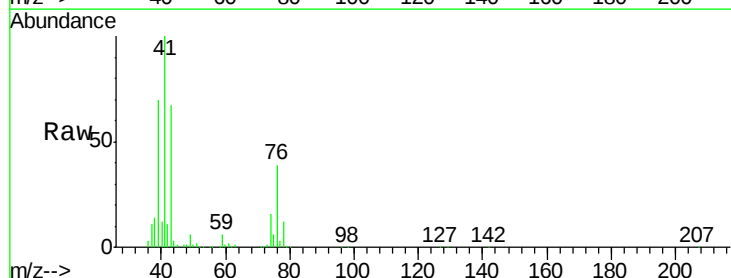
Tgt Ion: 41 Resp: 1134116

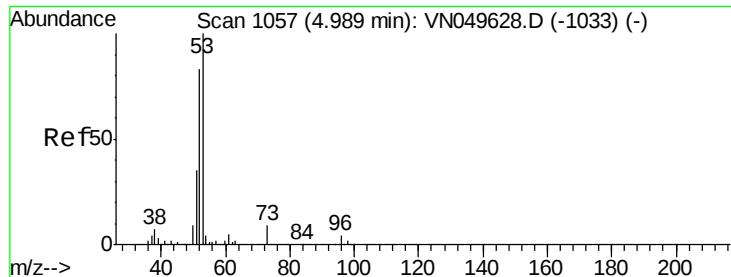
Ion Ratio Lower Upper

41 100

39 66.6 53.2 79.8

76 36.6 29.0 43.6





#15

Acrylonitrile

Concen: 223.028 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 1282898

Ion Ratio Lower Upper

53 100

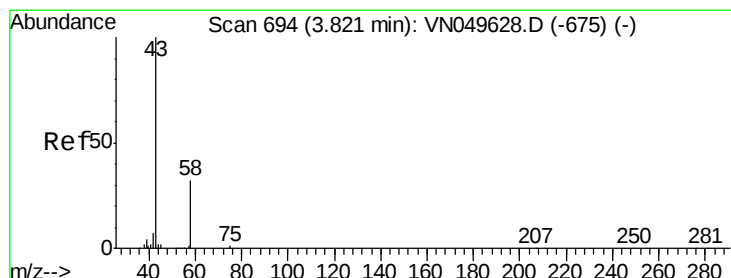
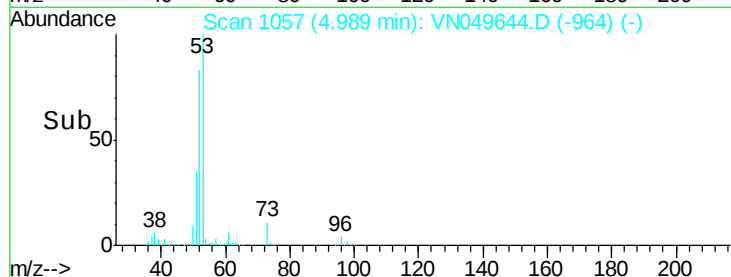
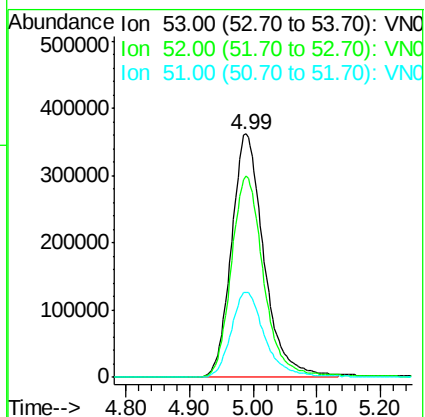
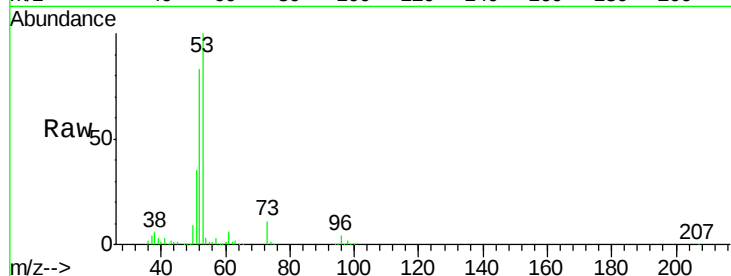
52 82.0 64.8 97.2

51 36.3 28.9 43.3

Manual Integrations
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#16

Acetone

Concen: 223.904 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049644.D

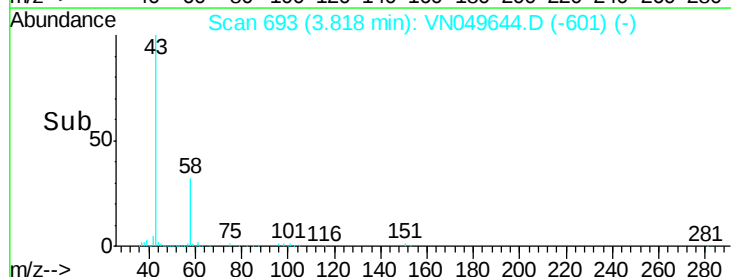
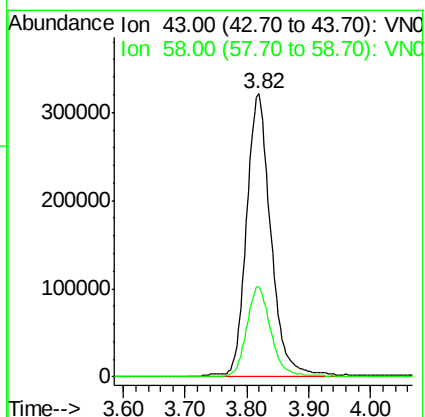
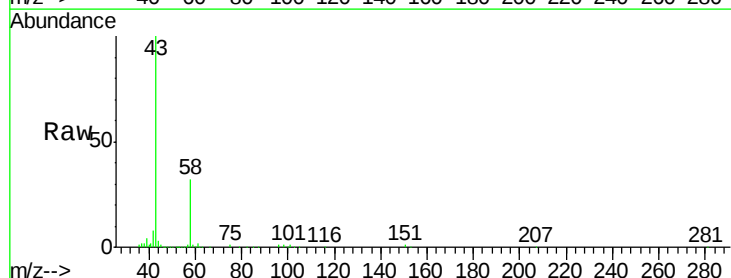
Acq: 30 Jun 2018 11:52

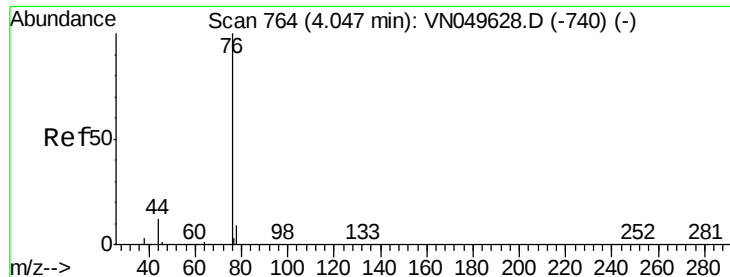
Tgt Ion: 43 Resp: 875959

Ion Ratio Lower Upper

43 100

58 31.8 25.9 38.9





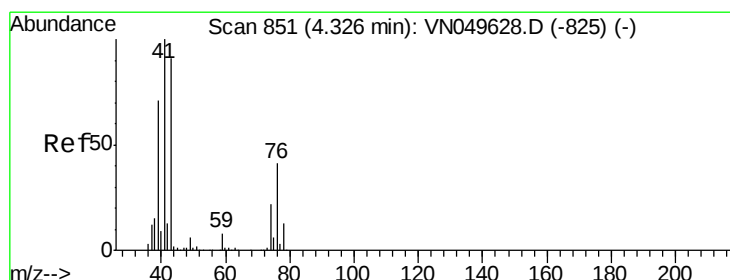
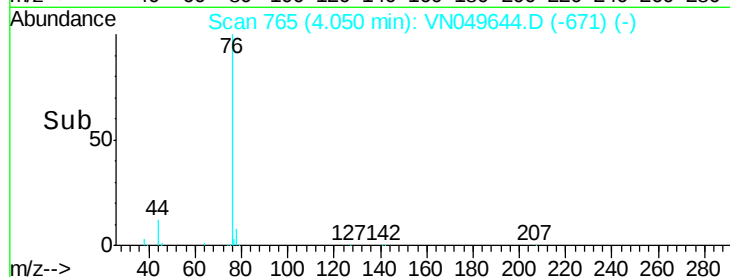
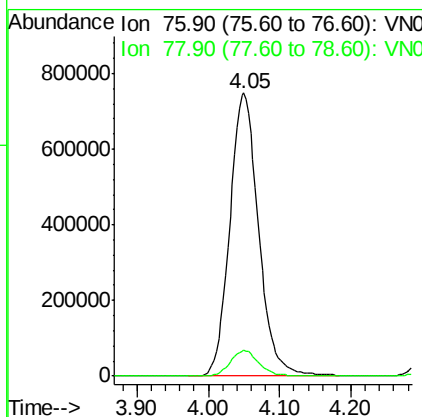
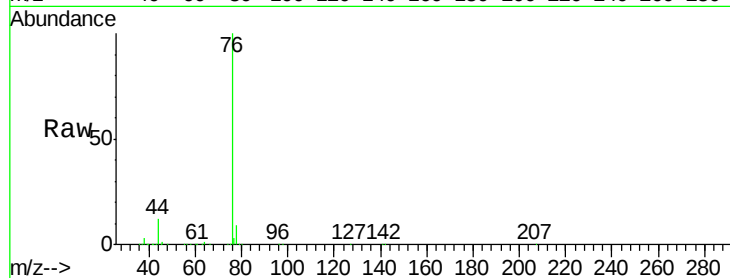
#17
Carbon Disulfide
Concen: 44.227 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 2103174
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

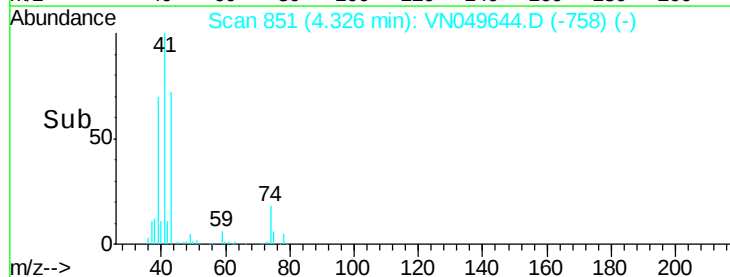
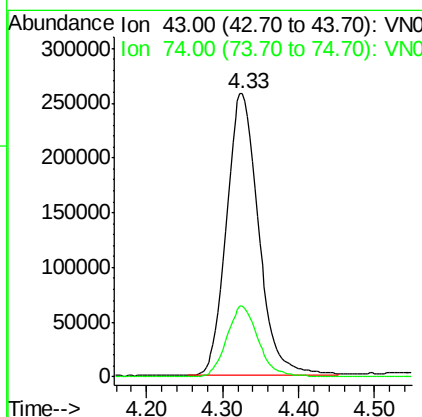
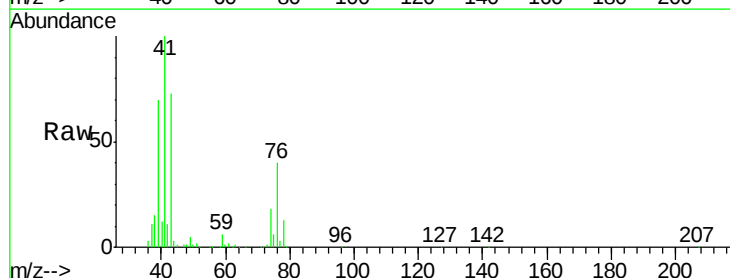
Manual Integrations
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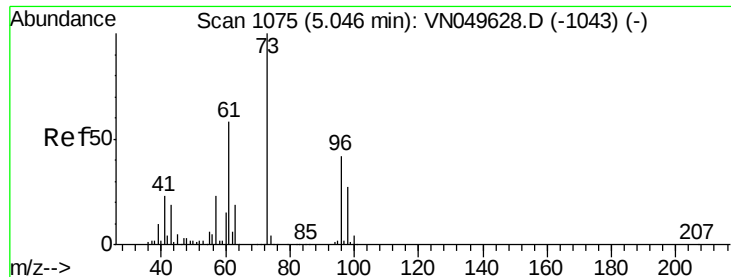
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#18
Methyl Acetate
Concen: 43.579 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 43 Resp: 761426
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8





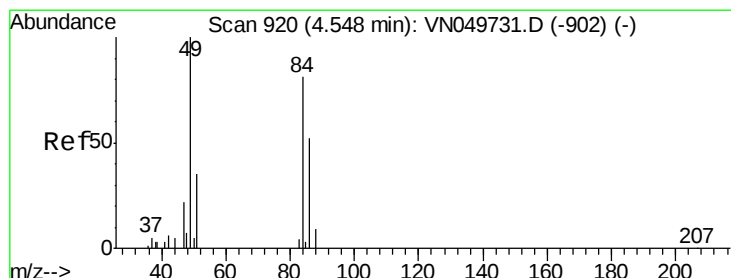
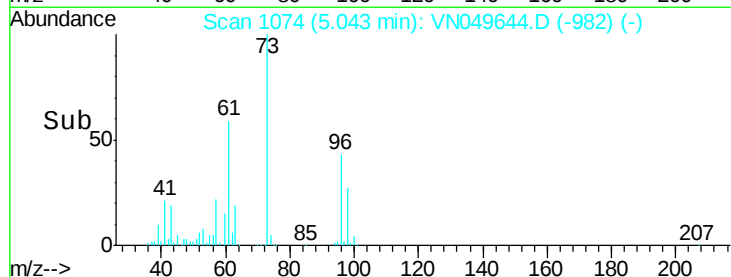
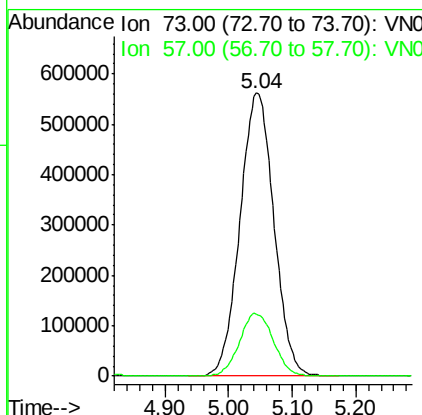
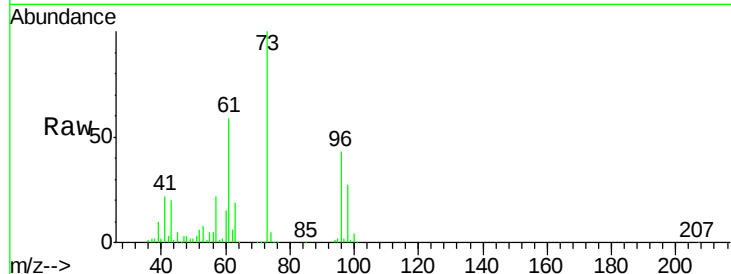
#19
Methyl tert-butyl Ether
Concen: 46.844 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 2084488
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

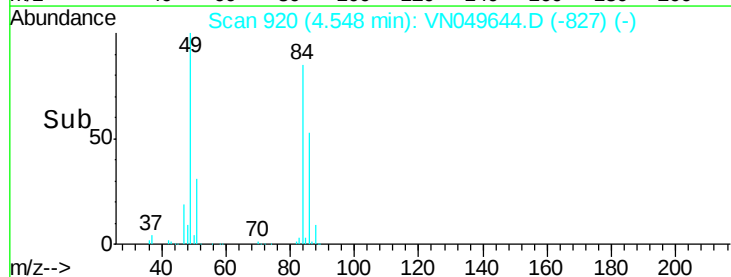
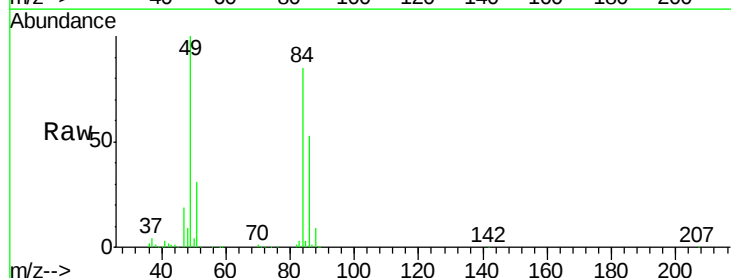
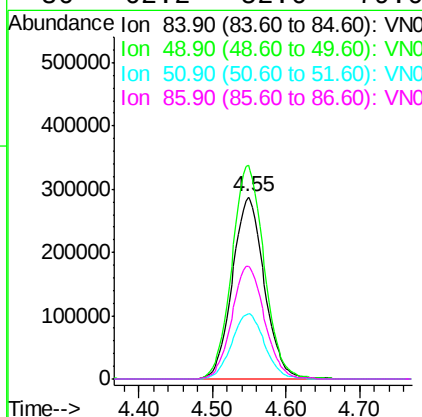
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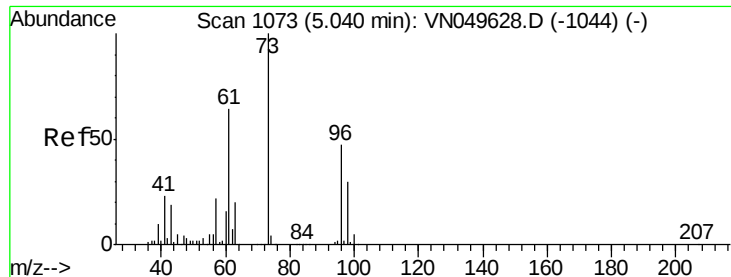
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#20
Methylene Chloride
Concen: 43.428 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 84 Resp: 867934
Ion Ratio Lower Upper
84 100
49 117.3 95.4 143.2
51 35.9 28.4 42.6
86 62.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.336 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 805395
Ion Ratio Lower Upper

96 100

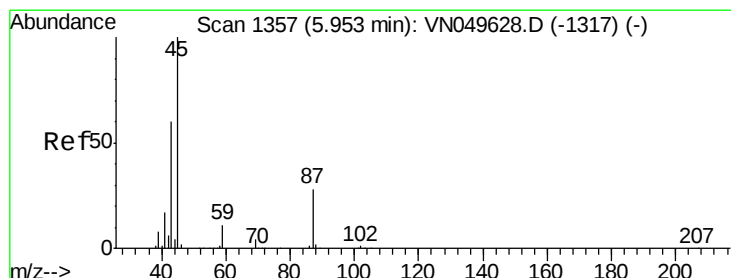
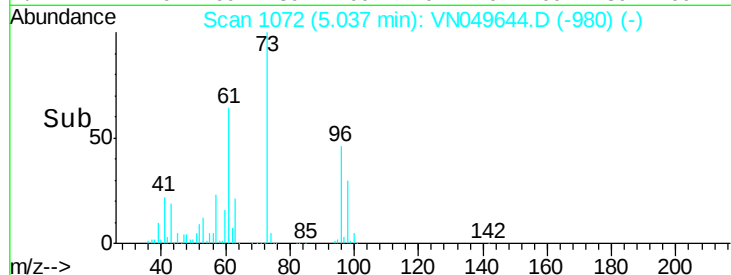
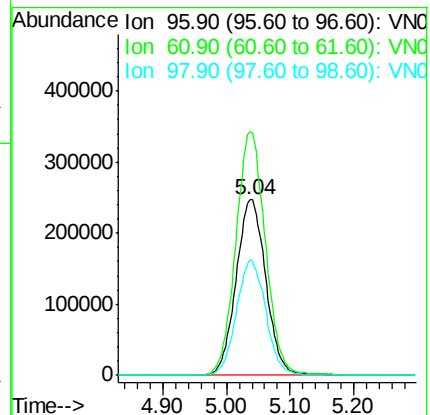
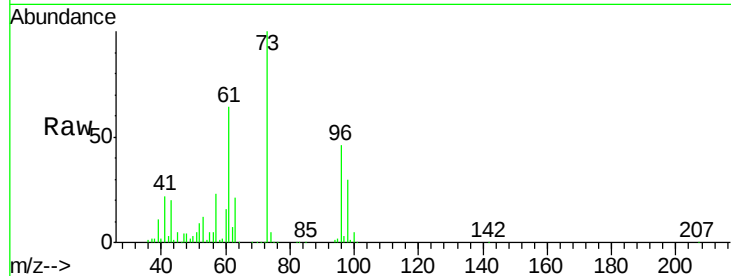
61 138.6 109.0 163.6

98 65.5 51.1 76.7

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#22

Diisopropyl ether

Concen: 48.061 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

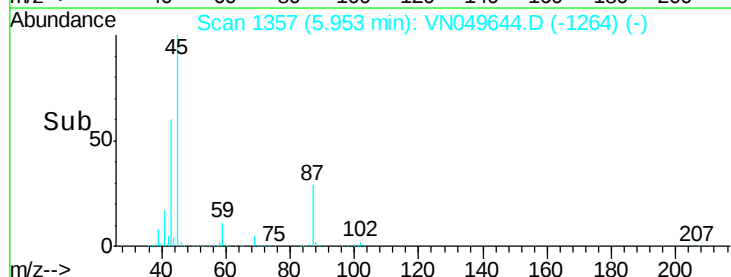
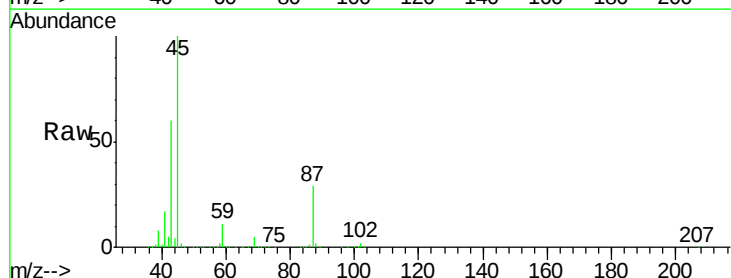
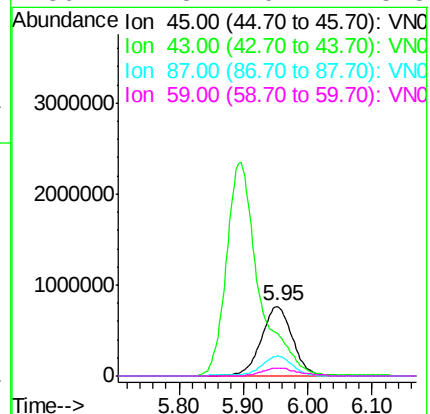
Tgt Ion: 45 Resp: 2578231
Ion Ratio Lower Upper

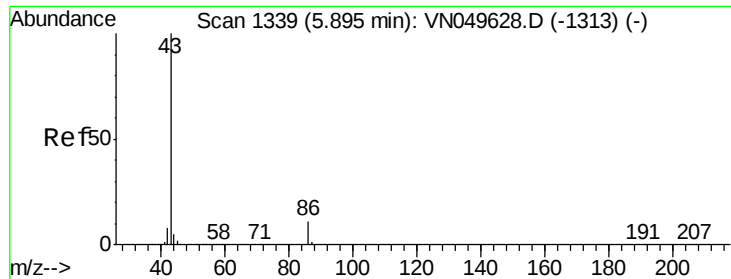
45 100

43 60.0 48.1 72.1

87 28.4 22.6 34.0

59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 236.311 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 8220650

Ion Ratio Lower Upper

43 100

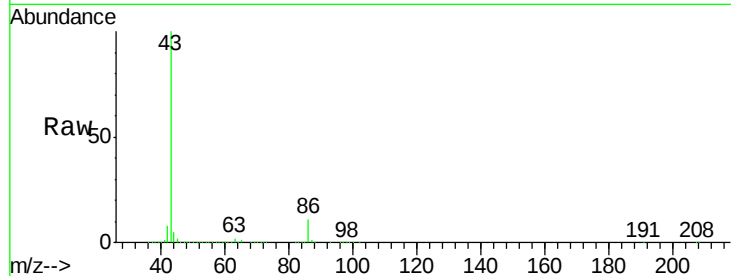
86 10.6 8.4 12.6

Manual Integrations

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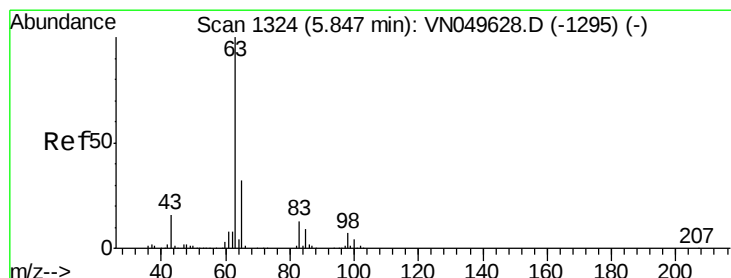
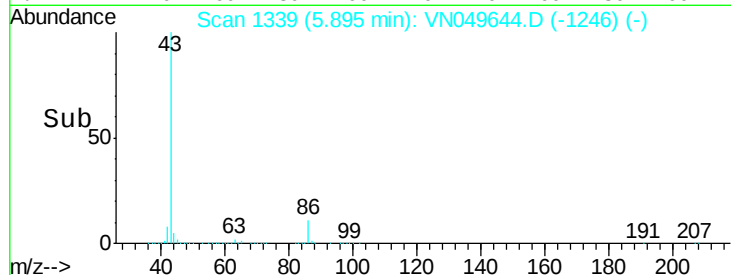
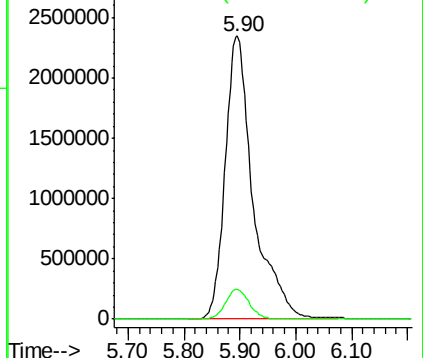
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Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049628.D (-1313) (-)



#24

1,1-Dichloroethane

Concen: 45.611 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

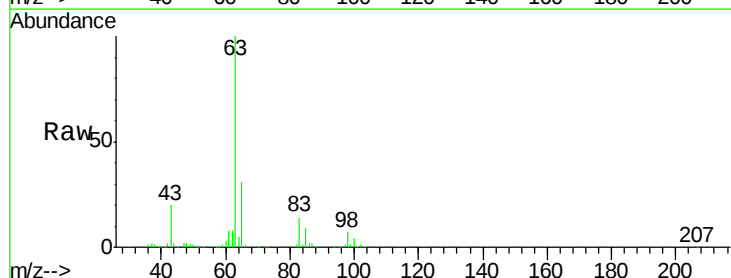
Tgt Ion: 63 Resp: 1541443

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

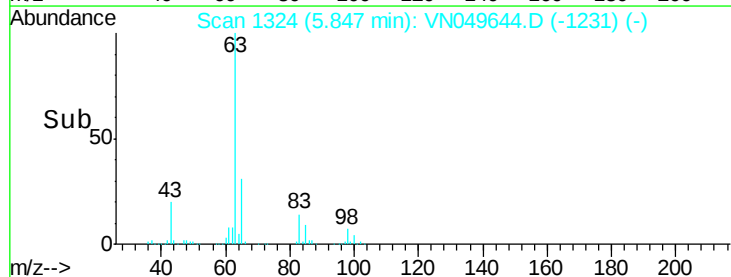
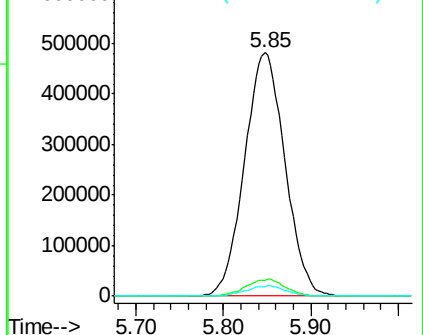
100 4.1 2.2 6.6

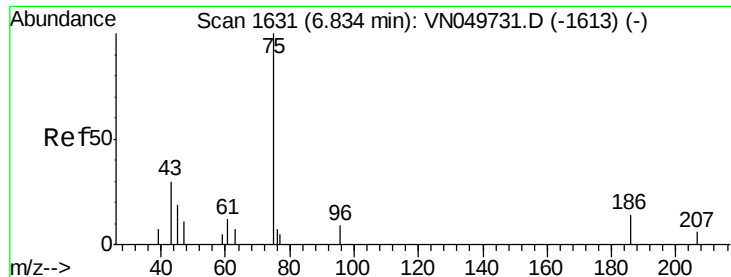


Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-1295) (-)

Ion 97.90 (97.60 to 98.60): VN049628.D (-1295) (-)

Ion 99.90 (99.60 to 100.60): VN049628.D (-1295) (-)





#25

2-Butanone

Concen: 220.202 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 1418785

Ion Ratio Lower Upper

43 100

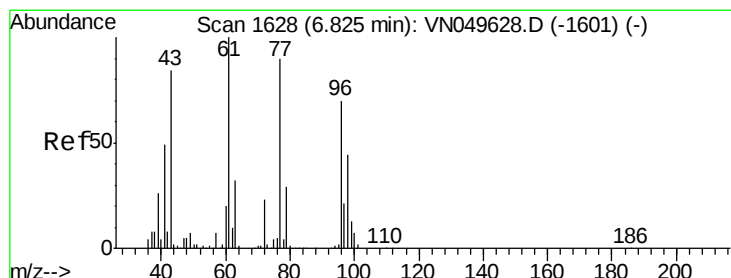
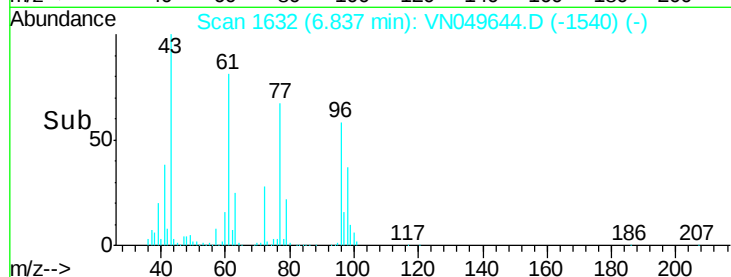
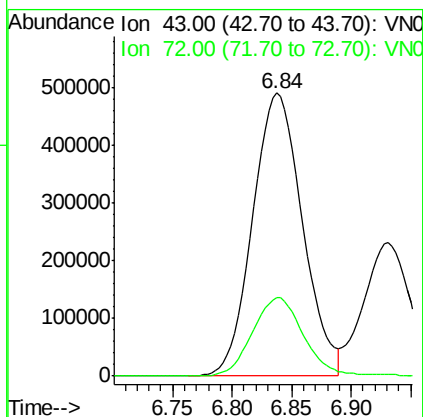
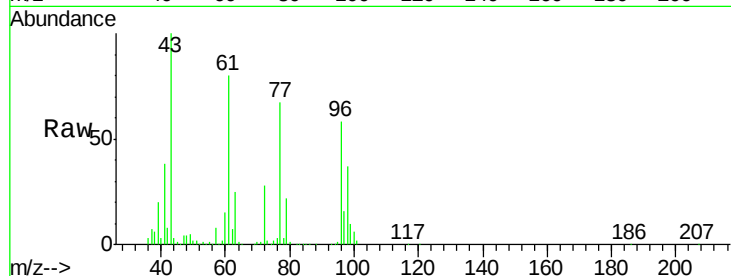
72 27.7 22.1 33.1

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7/2/2018 4:18:05 PM



#26

2,2-Dichloropropane

Concen: 47.116 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049644.D

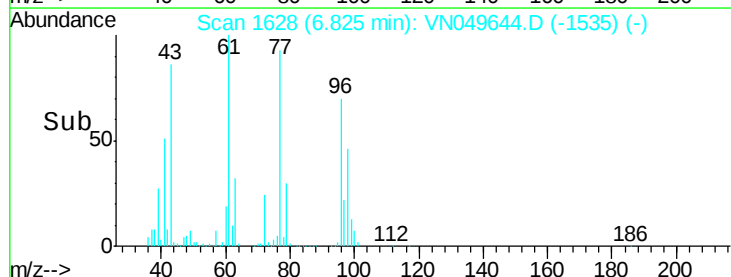
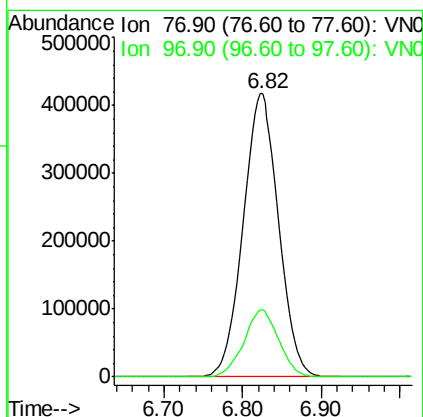
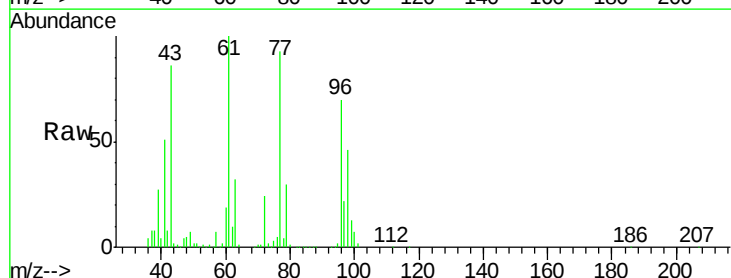
Acq: 30 Jun 2018 11:52

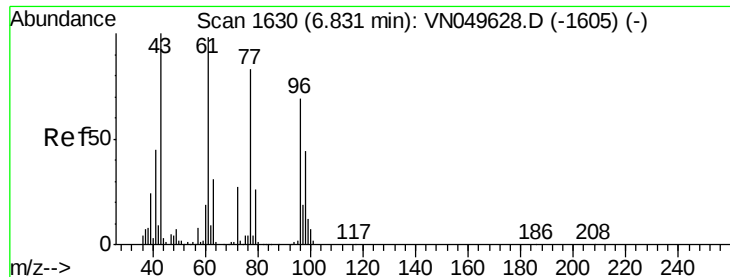
Tgt Ion: 77 Resp: 1322461

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5





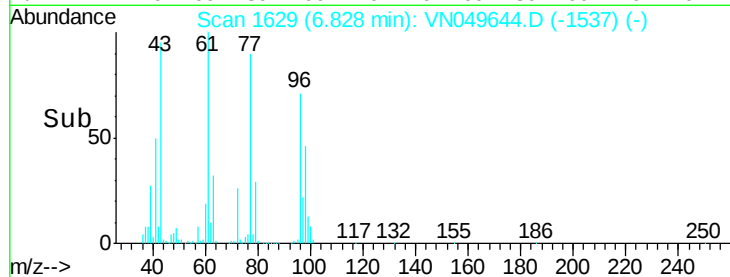
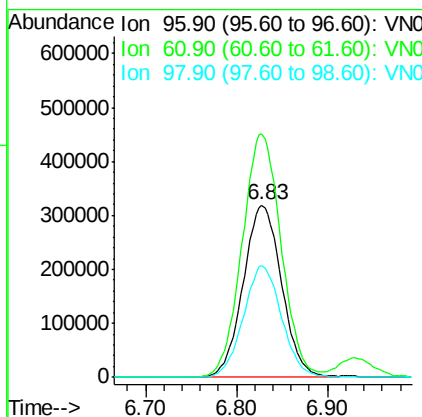
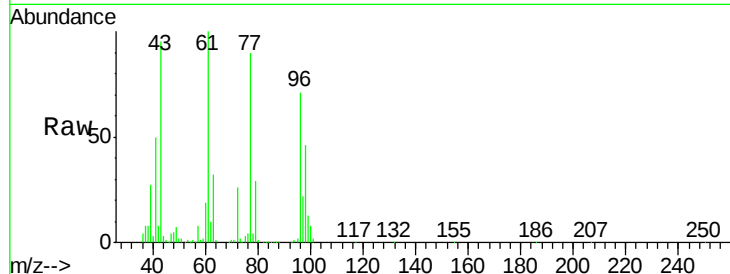
#27
 cis-1,2-Dichloroethene
 Concen: 46.970 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	289.0
98	65.0	0.0	130.2

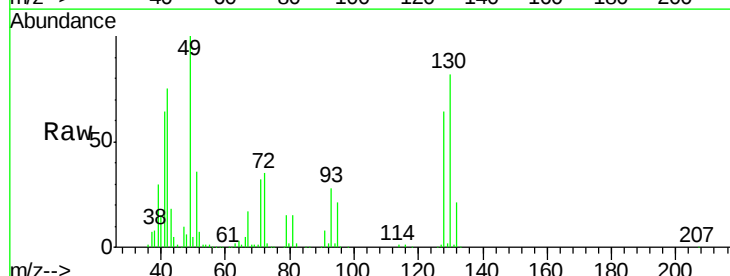
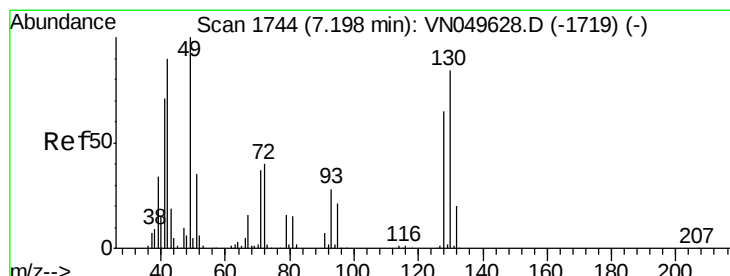
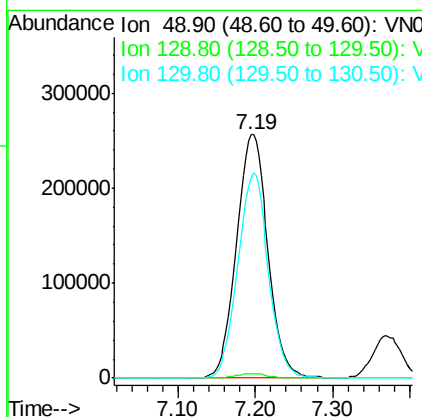
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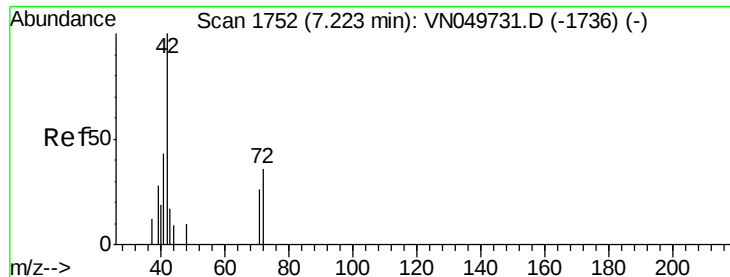
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#28
 Bromochloromethane
 Concen: 50.324 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	82.2	65.5	98.3





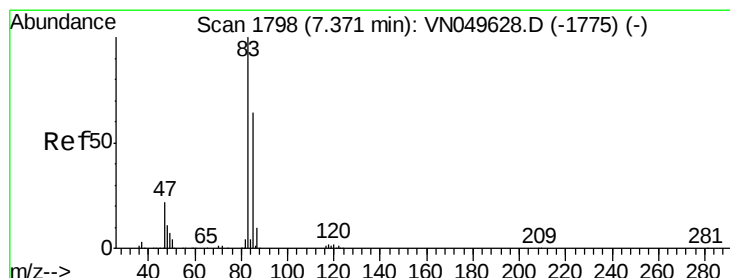
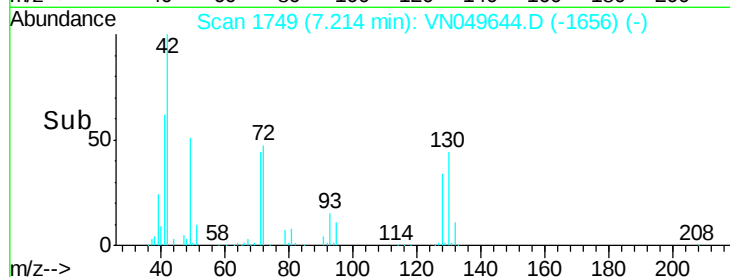
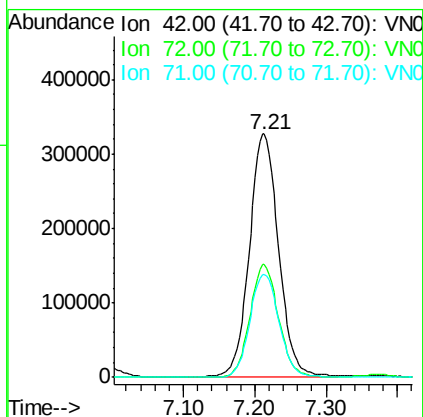
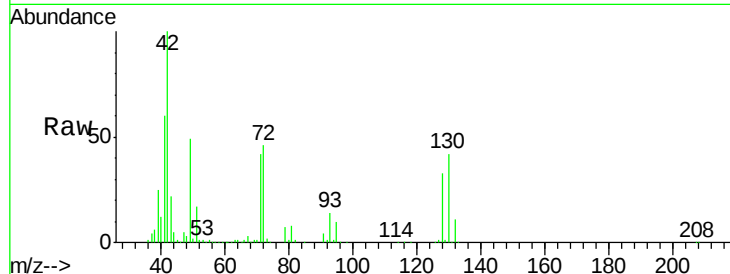
#29
Tetrahydrofuran
Concen: 225.827 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.6	53.4
71	42.4	34.0	51.0

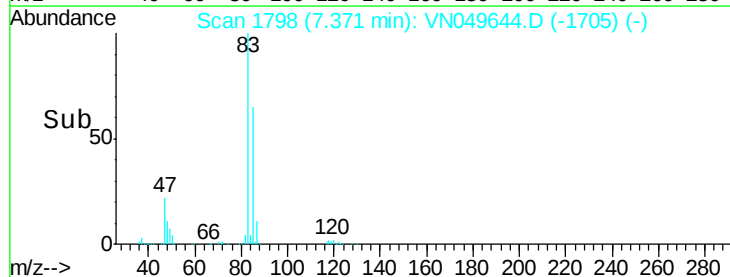
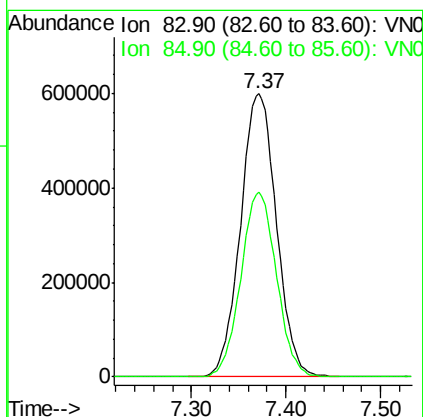
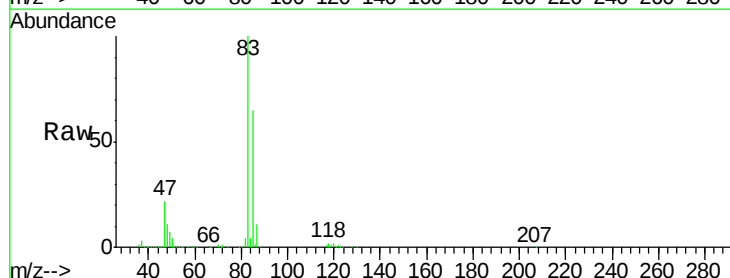
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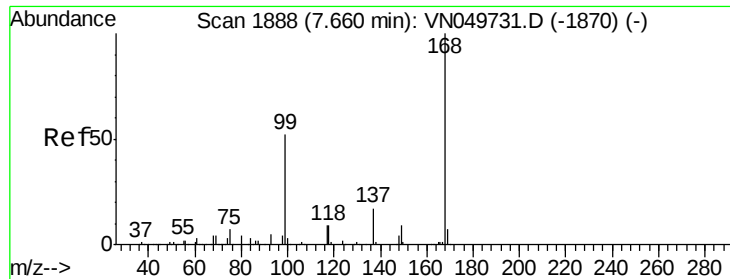
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#30
Chloroform
Concen: 45.821 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2





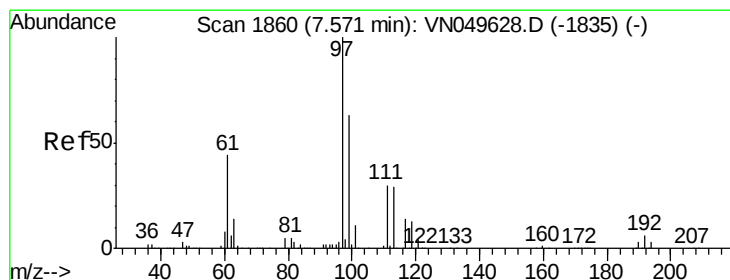
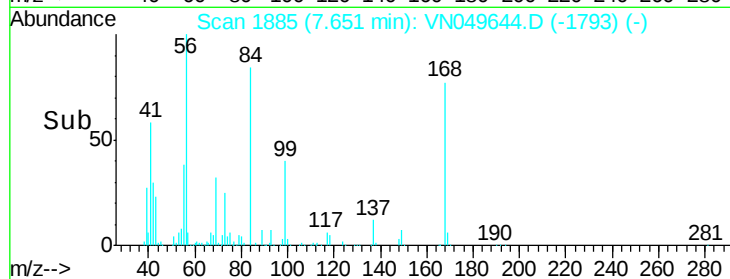
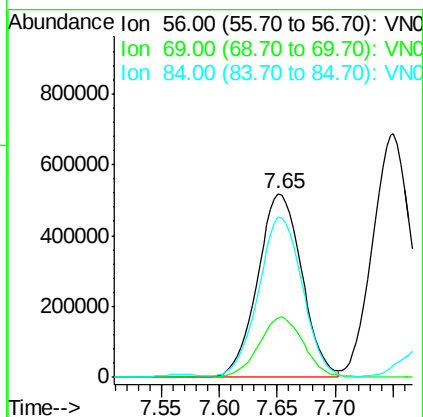
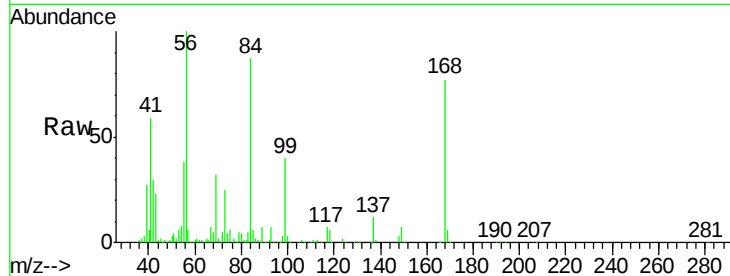
#31
Cyclohexane
Concen: 47.346 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 56 Resp: 1372719
Ion Ratio Lower Upper
56 100
69 32.5 26.6 40.0
84 86.1 69.0 103.6

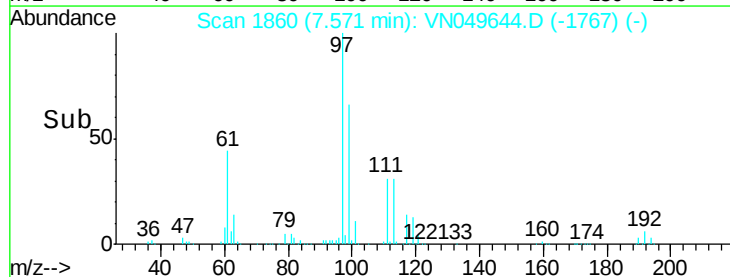
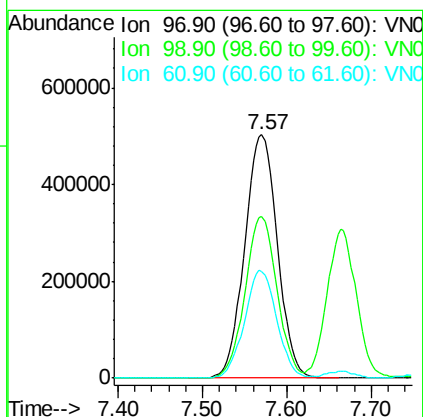
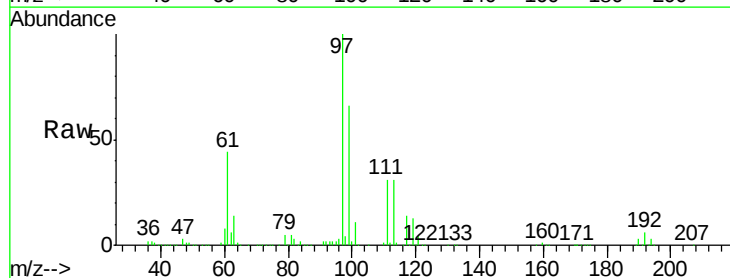
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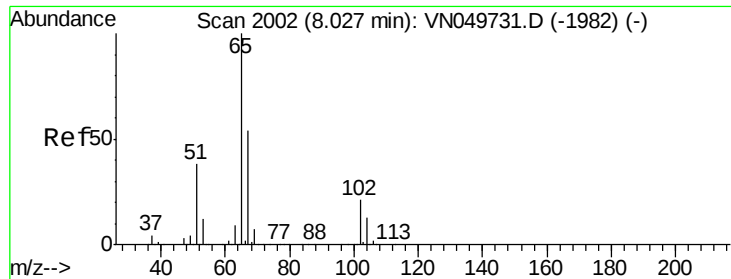
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#32
1,1,1-Trichloroethane
Concen: 46.480 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 97 Resp: 1355647
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 43.6 35.5 53.3





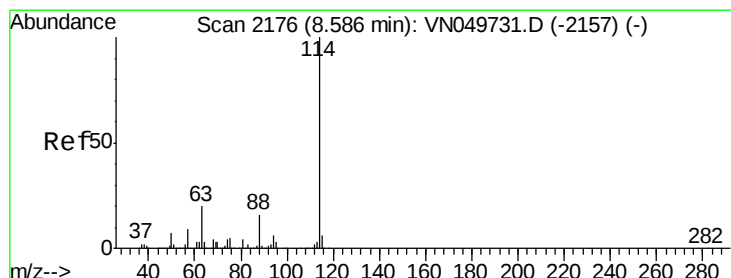
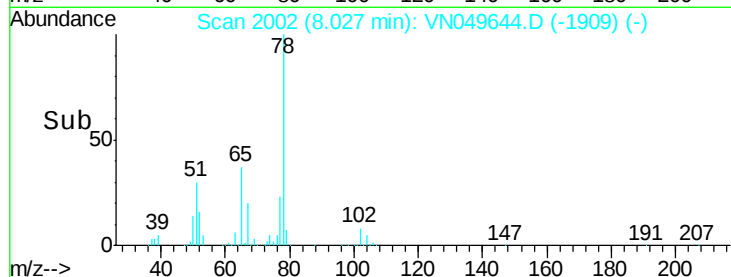
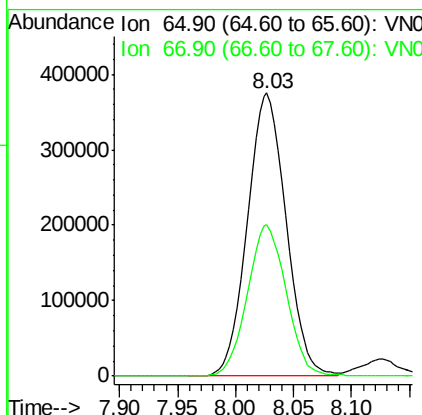
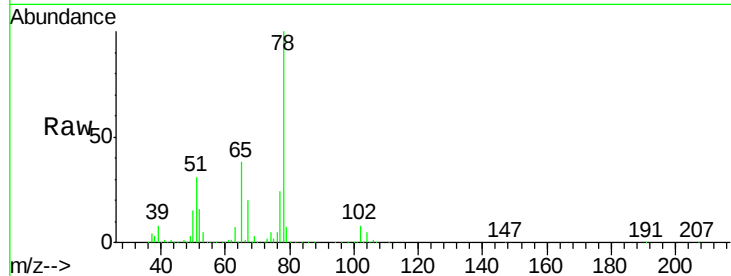
#33
 1,2-Dichloroethane-d4
 Concen: 44.933 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 872070
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2

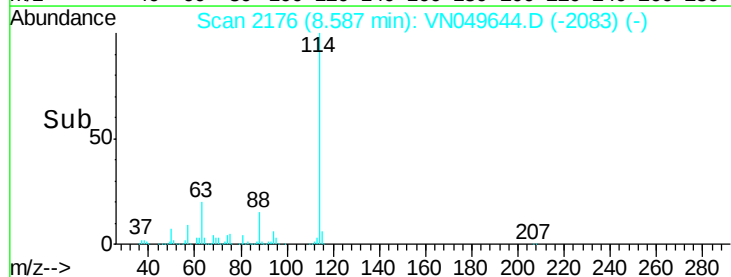
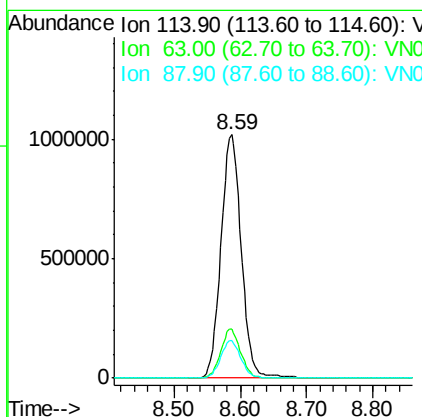
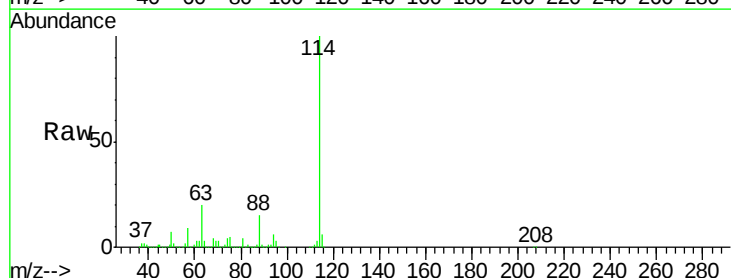
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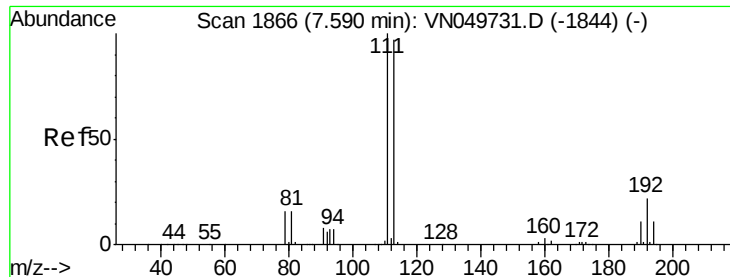
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion: 114 Resp: 2165725
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.058 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

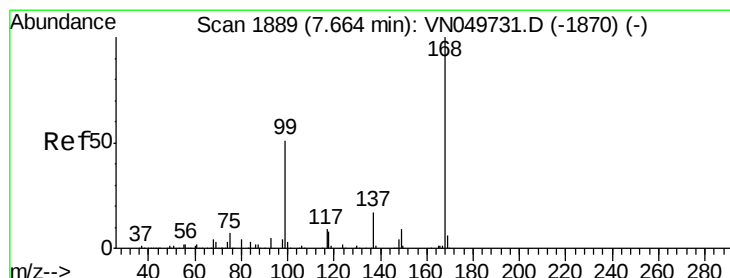
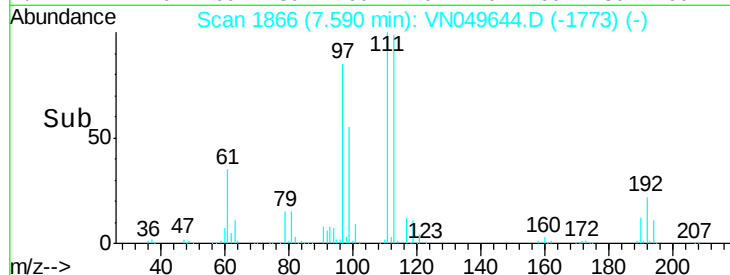
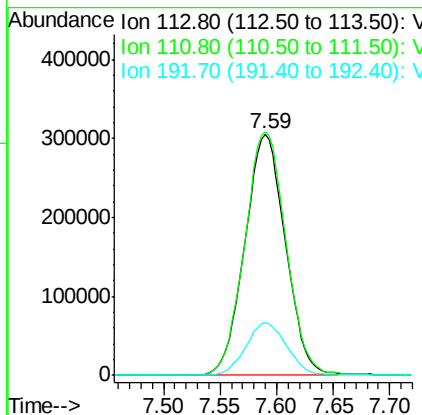
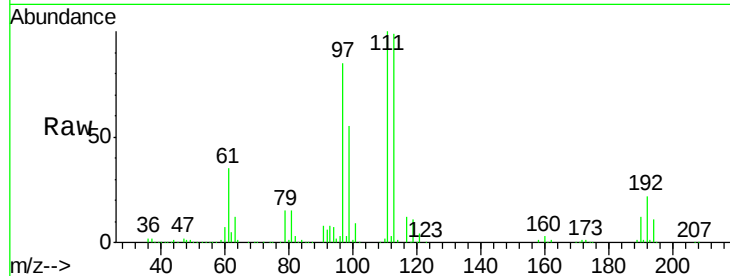
ClientSampled :

VSTDCCC050

Tgt Ion:	113	Resp:	761916
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.8	122.8
192	22.1	17.8	26.6

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#36

1,1-Dichloropropene

Concen: 49.001 ug/l

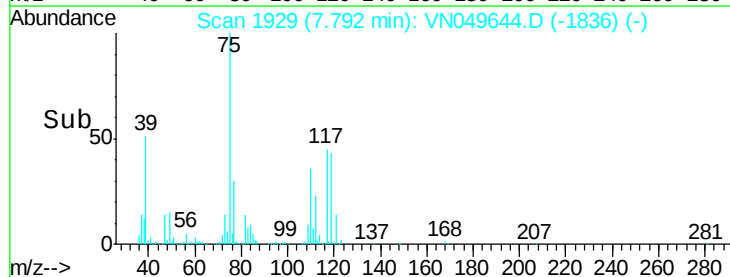
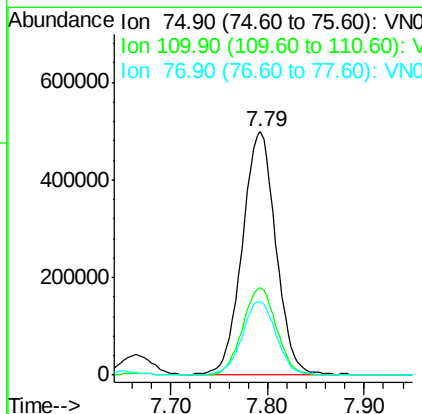
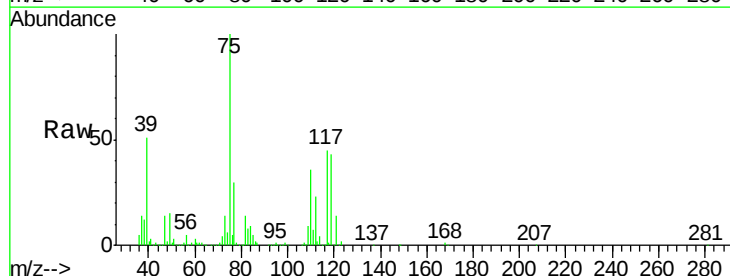
RT: 7.79 min Scan# 1929

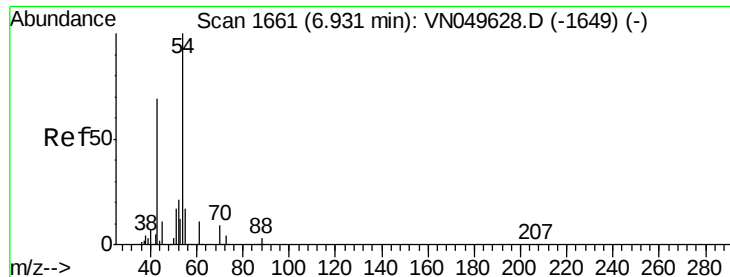
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	75	Resp:	1193950
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.4
77	30.8	24.9	37.3





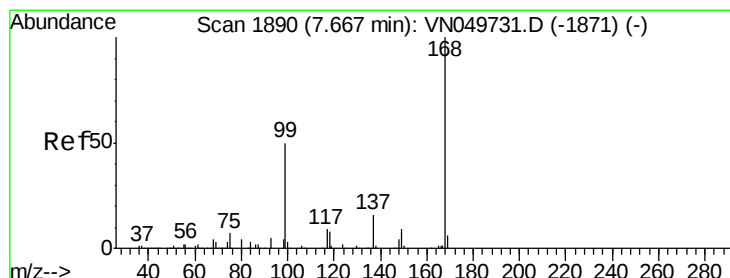
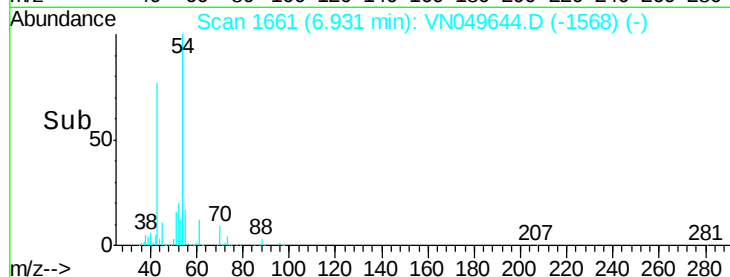
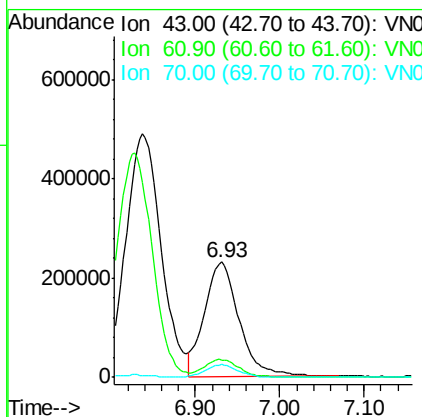
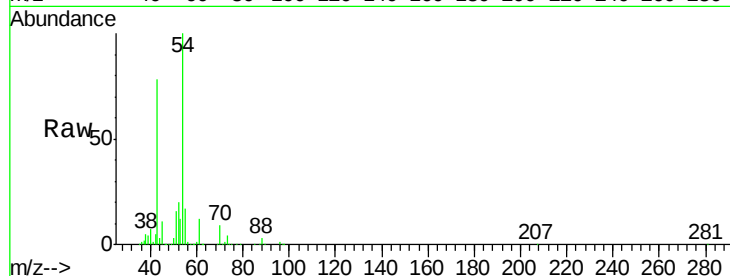
#37
Ethyl Acetate
Concen: 46.368 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.7	17.5
70	10.1	8.4	12.6

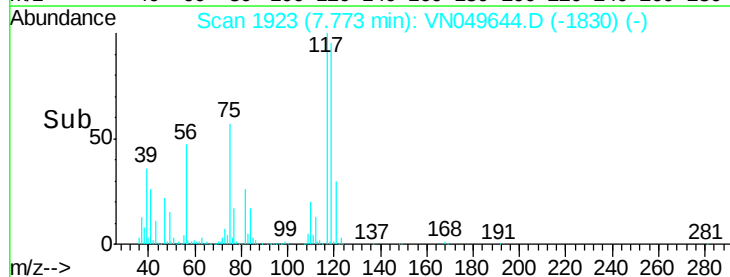
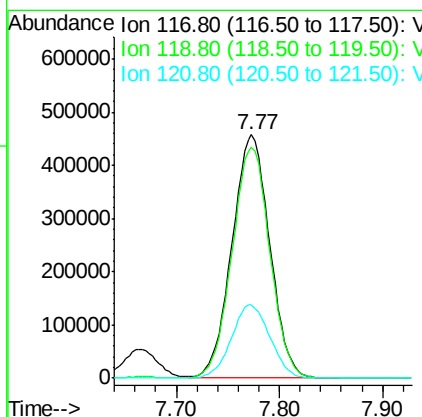
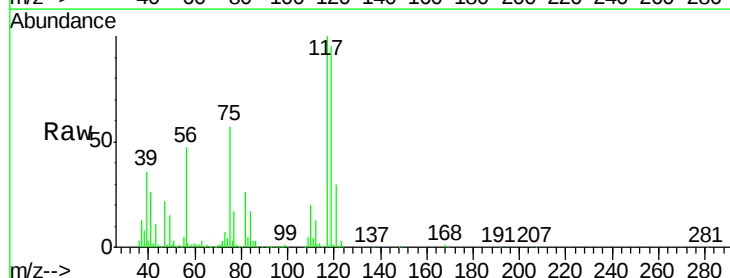
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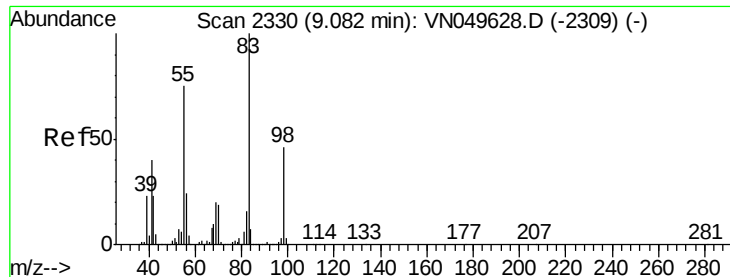
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#38
Carbon Tetrachloride
Concen: 48.956 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.2	115.8
121	29.9	25.0	37.6





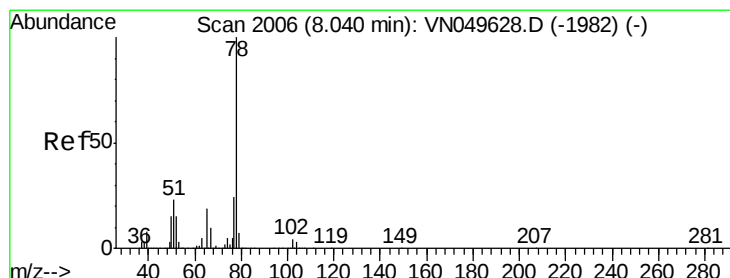
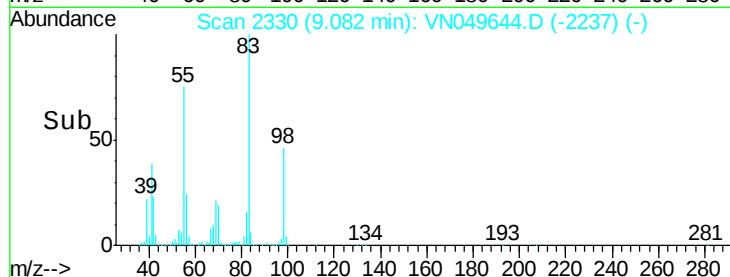
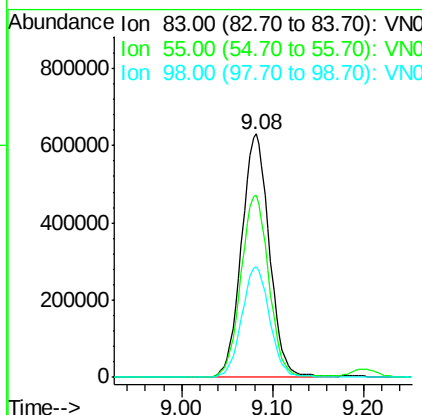
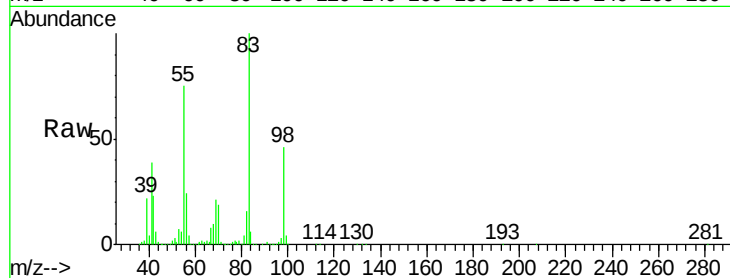
#39
Methylcyclohexane
Concen: 50.107 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 1338593
Ion Ratio Lower Upper
83 100
55 74.9 59.7 89.5
98 45.6 36.5 54.7

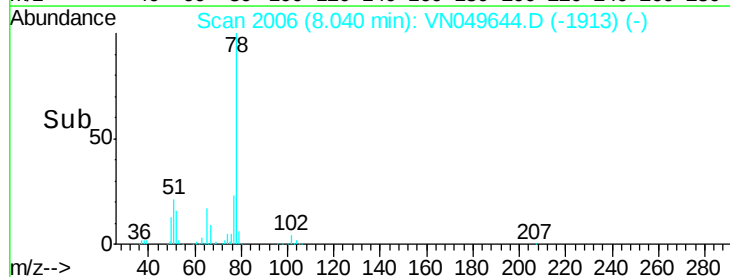
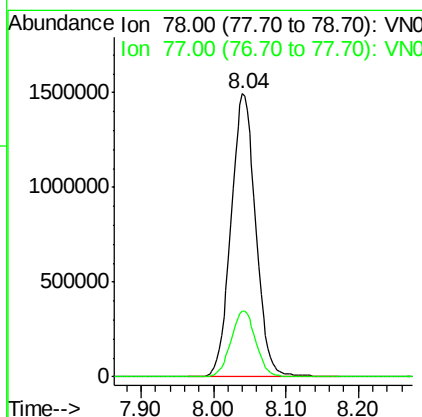
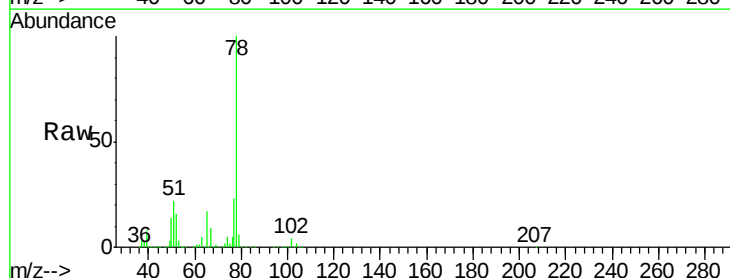
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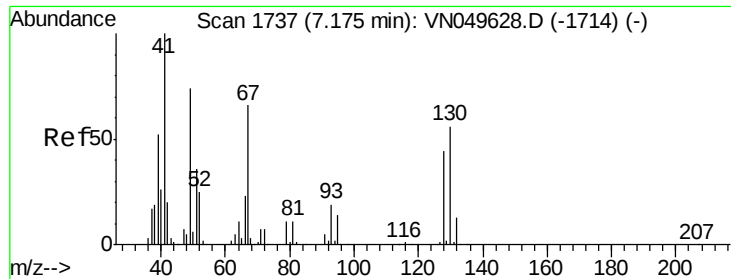
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#40
Benzene
Concen: 47.662 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 78 Resp: 3546031
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





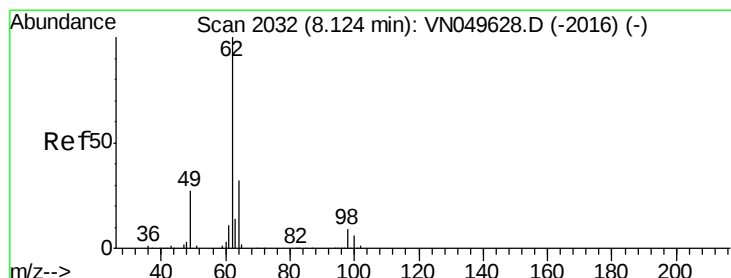
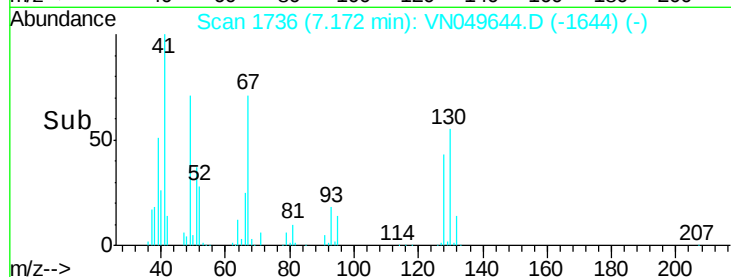
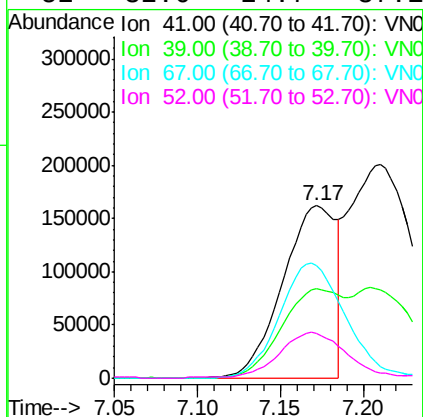
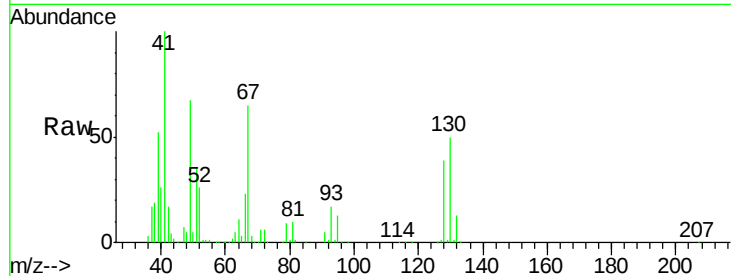
#41
Methacrylonitrile
Concen: 45.204 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.4	68.2
67	82.9	65.4	98.0
52	32.6	24.7	37.1

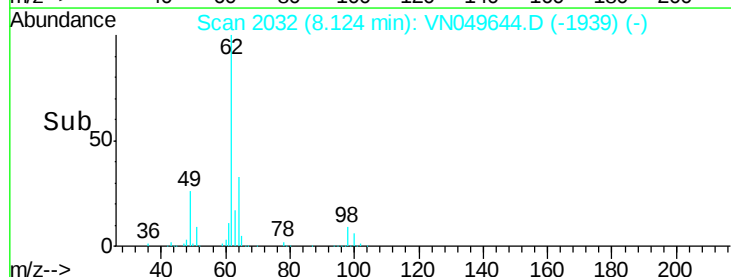
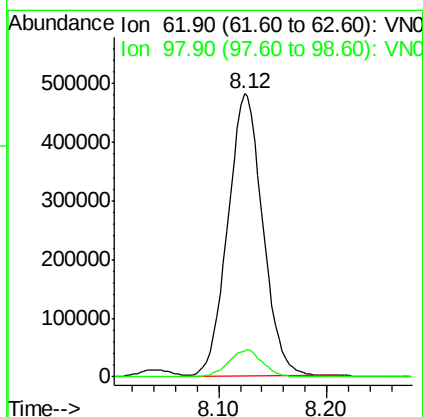
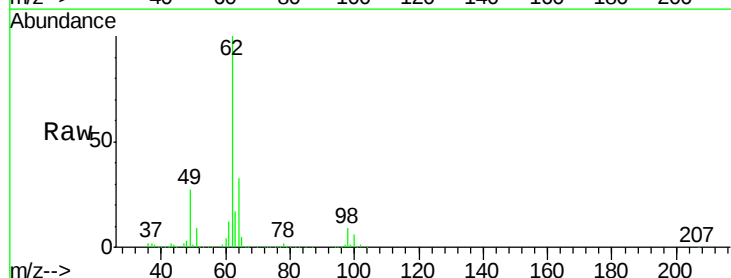
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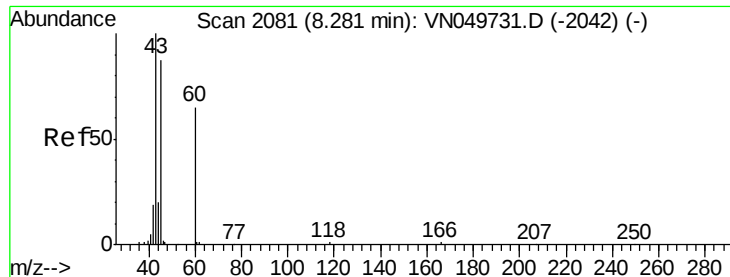
apatel
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#42
1,2-Dichloroethane
Concen: 45.750 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 44.426 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

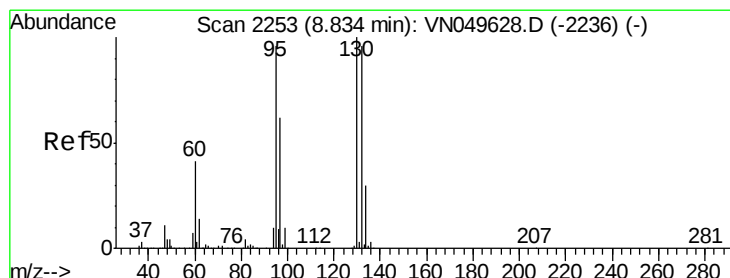
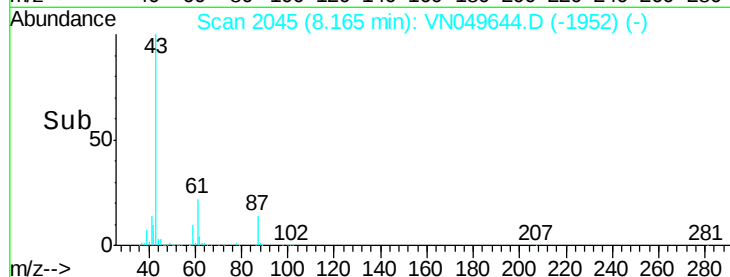
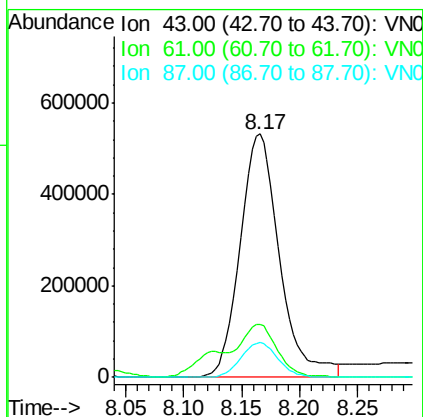
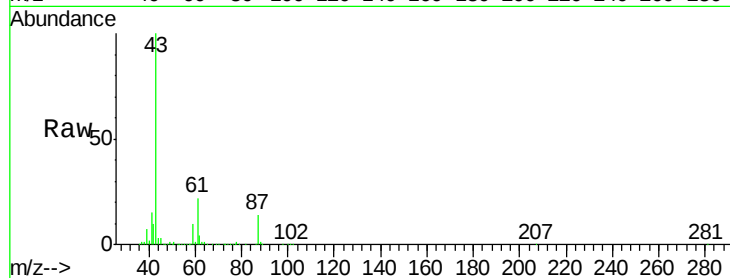
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	1255431
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
87	13.5	10.0	15.0

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#44

Trichloroethene

Concen: 45.527 ug/l

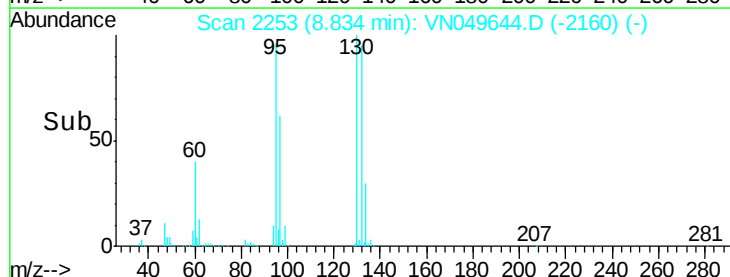
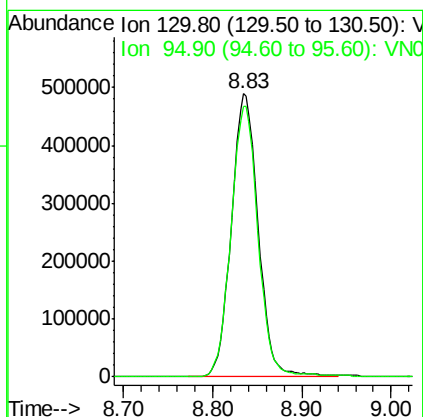
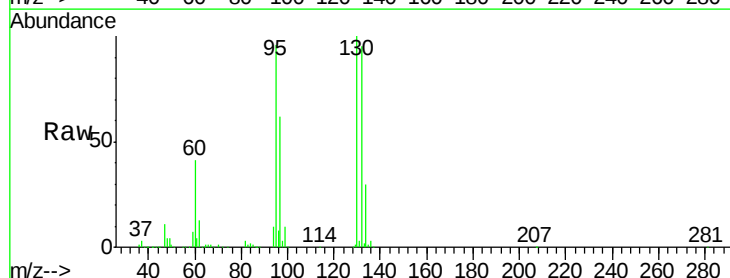
RT: 8.83 min Scan# 2253

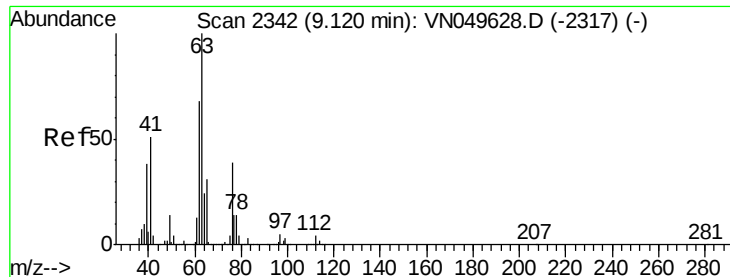
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	130	Resp:	1021499
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	192.8





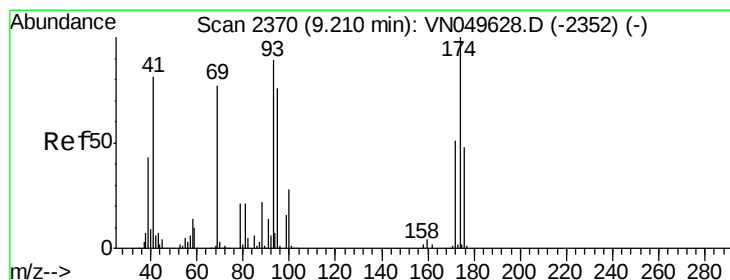
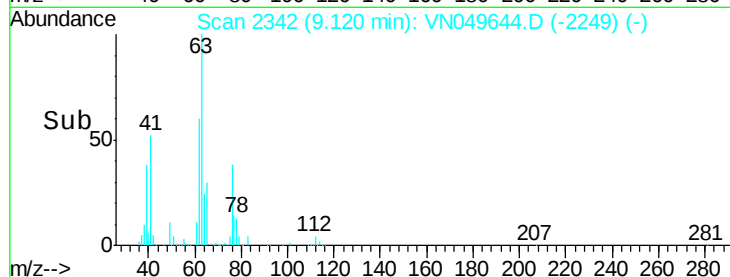
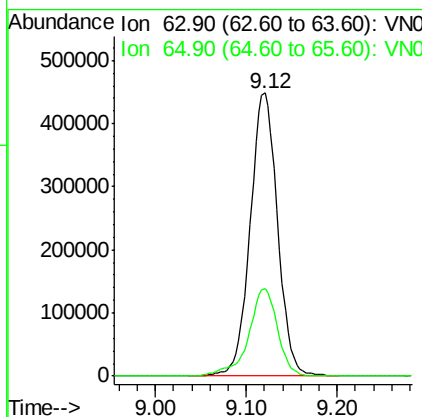
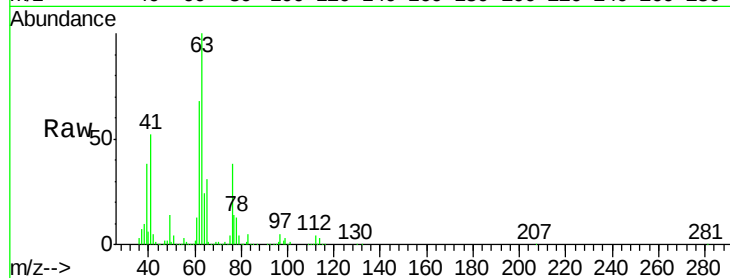
#45
1,2-Dichloropropane
Concen: 48.731 ug/l
RT: 9.12 min Scan# 2342
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 936705
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

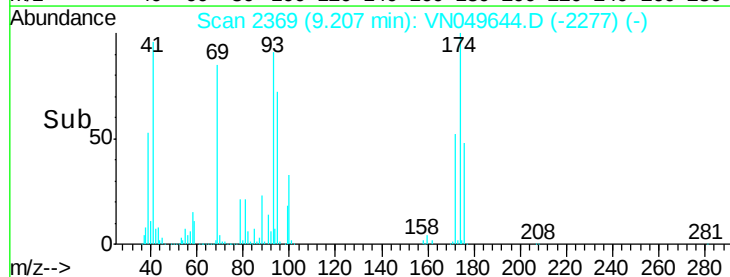
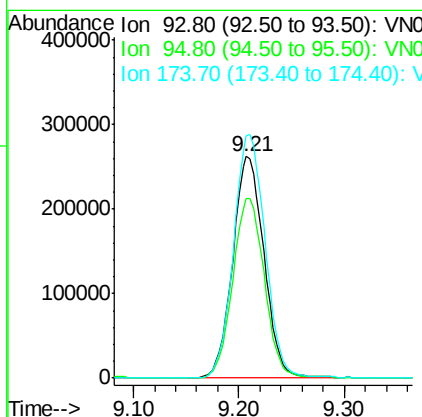
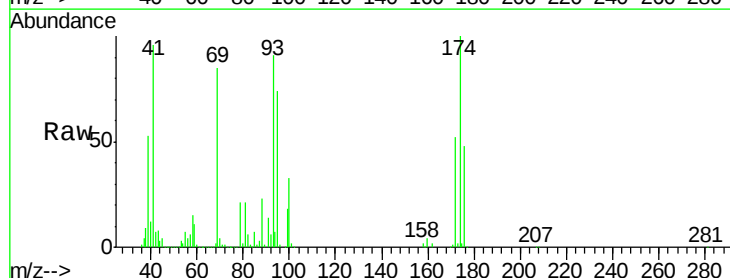
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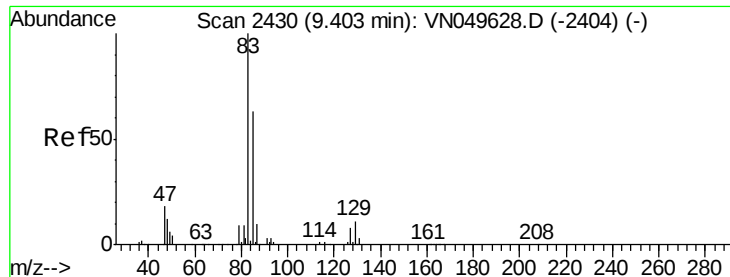
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#46
Dibromomethane
Concen: 46.496 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 93 Resp: 540693
Ion Ratio Lower Upper
93 100
95 82.1 67.9 101.9
174 110.8 89.4 134.0





#47

Bromodichloromethane

Concen: 48.180 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 1192713

Ion Ratio Lower Upper

83 100

85 63.7 50.5 75.7

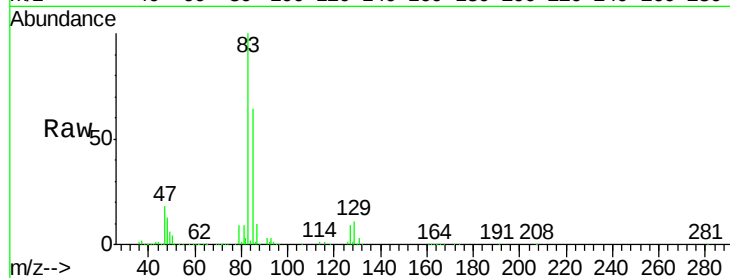
127 8.7 6.8 10.2

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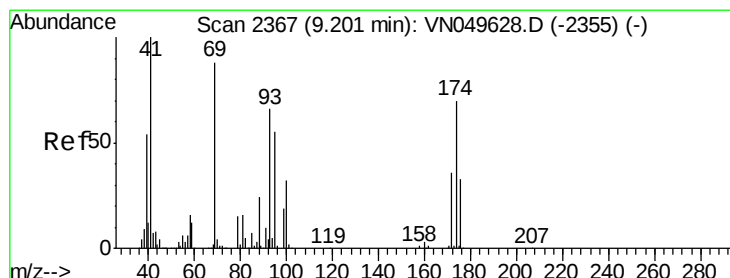
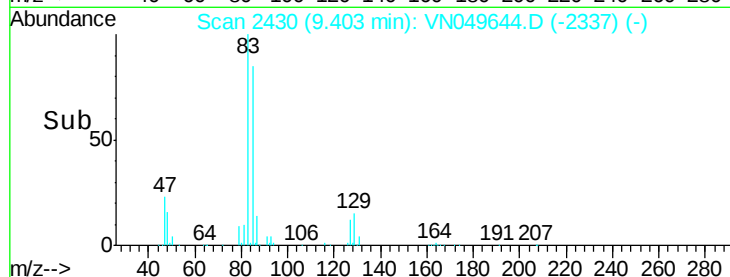
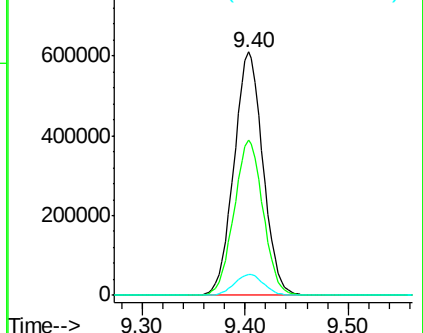
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Abundance Ion 82.90 (82.60 to 83.60): VN049644.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049644.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049644.D (-2337) (-)



#48

Methyl methacrylate

Concen: 48.001 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

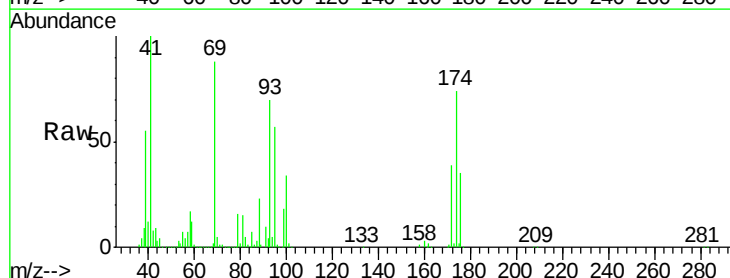
Tgt Ion: 41 Resp: 606205

Ion Ratio Lower Upper

41 100

69 89.0 71.5 107.3

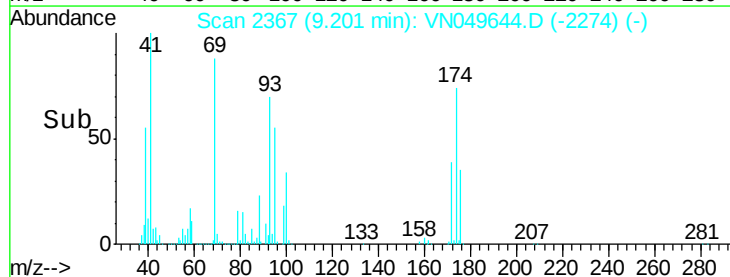
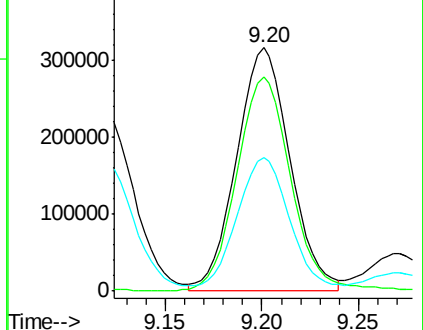
39 54.9 44.7 67.1

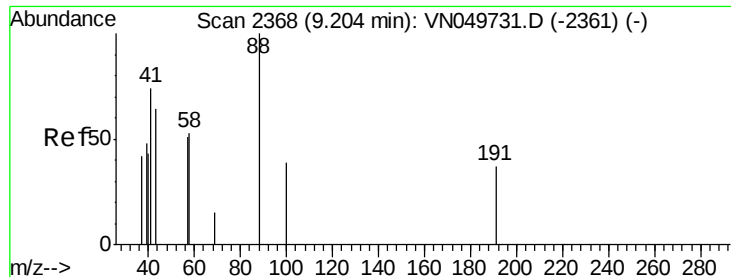


Abundance Ion 41.00 (40.70 to 41.70): VN049644.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049644.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049644.D (-2274) (-)





#49

1,4-Dioxane

Concen: 925.047 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

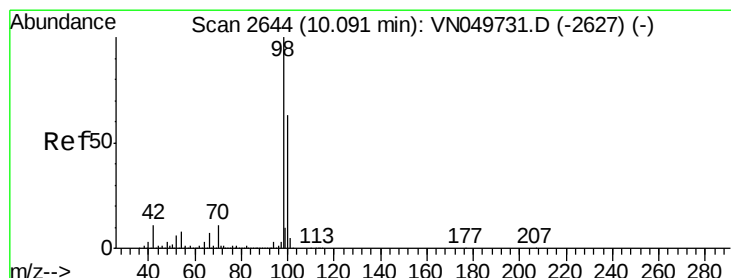
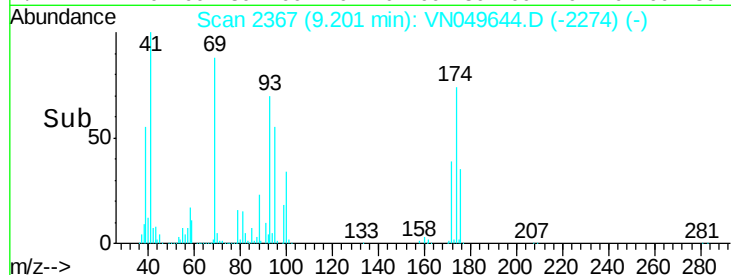
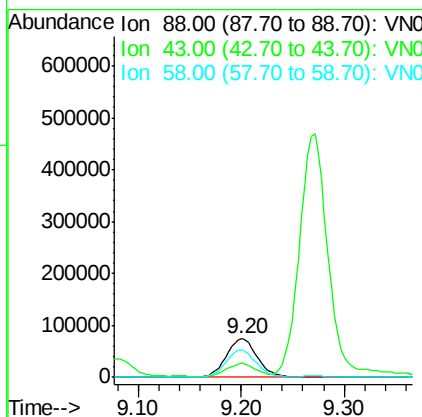
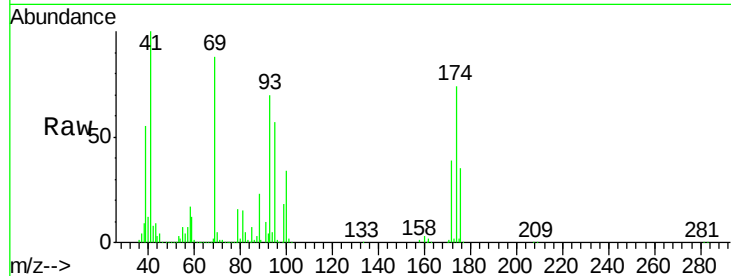
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	157057
Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.1	37.7
58	69.4	52.5	78.7

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#50

Toluene-d8

Concen: 47.874 ug/l

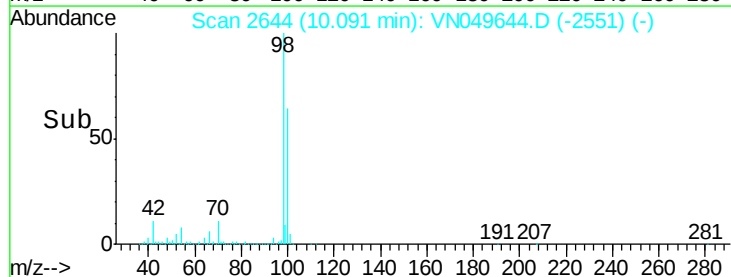
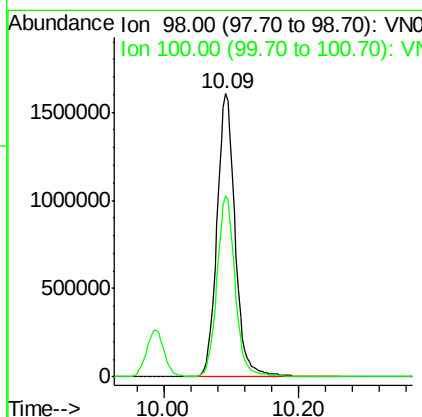
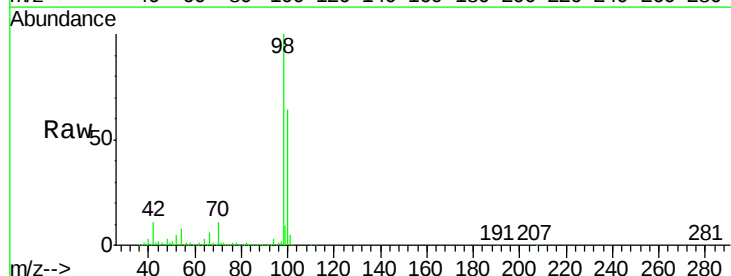
RT: 10.09 min Scan# 2644

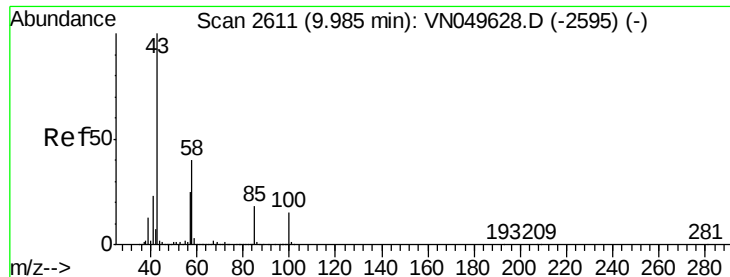
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	98	Resp:	3034006
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





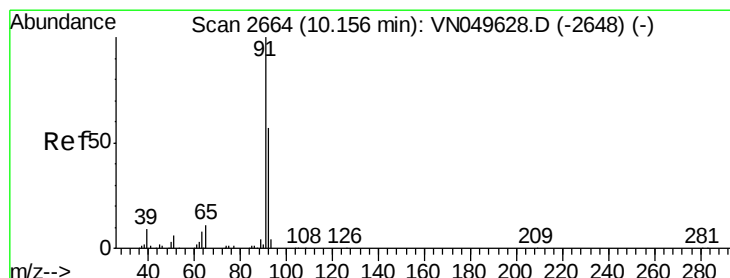
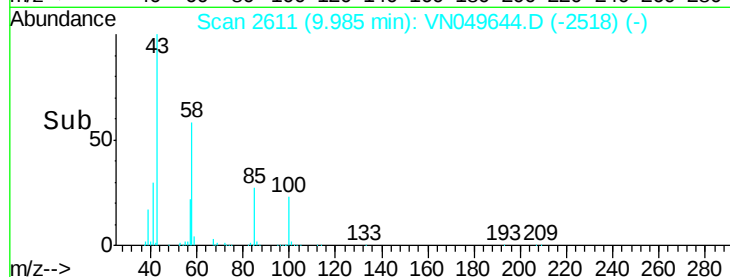
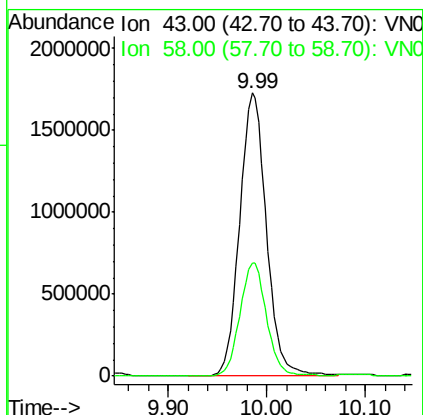
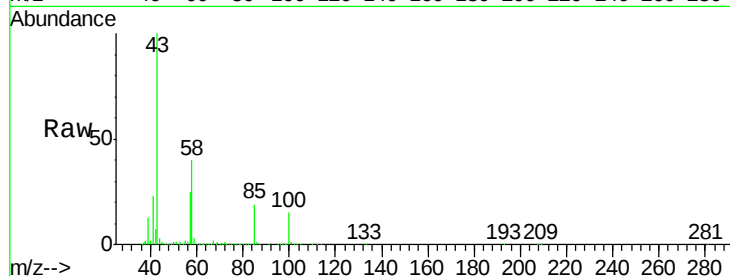
#51
4-Methyl-2-Pentanone
Concen: 232.436 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3238717
Ion Ratio Lower Upper
43 100
58 39.9 31.8 47.8

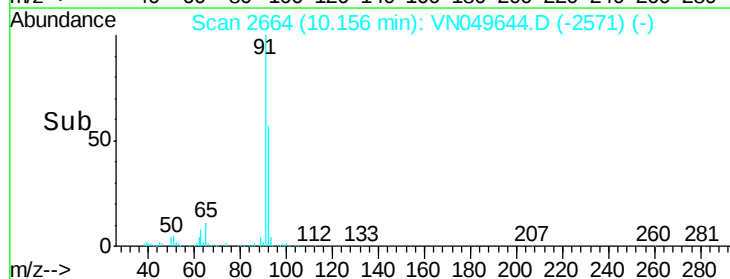
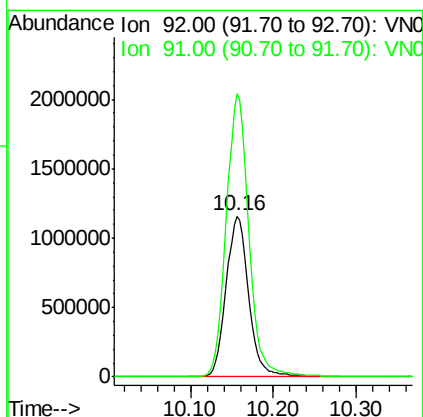
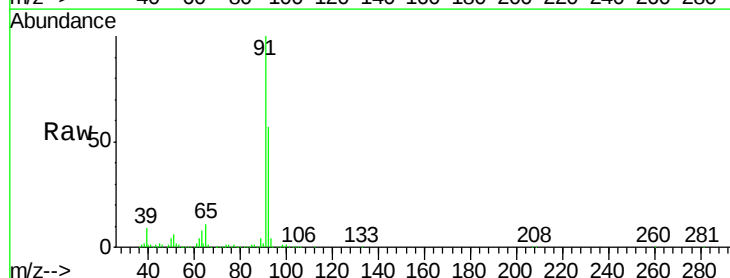
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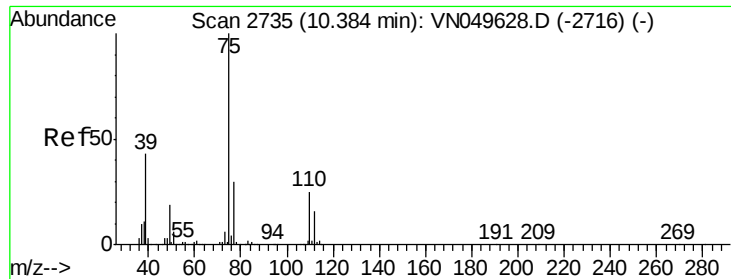
apatel
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#52
Toluene
Concen: 48.858 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 92 Resp: 2196075
Ion Ratio Lower Upper
92 100
91 176.5 140.1 210.1





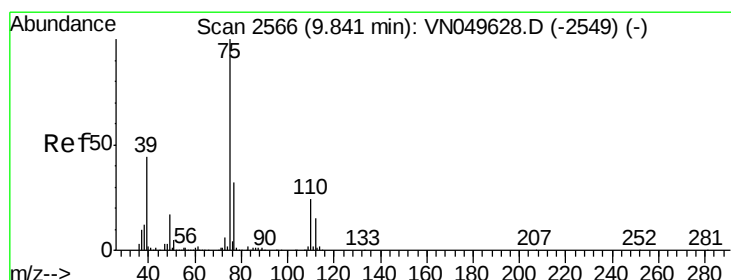
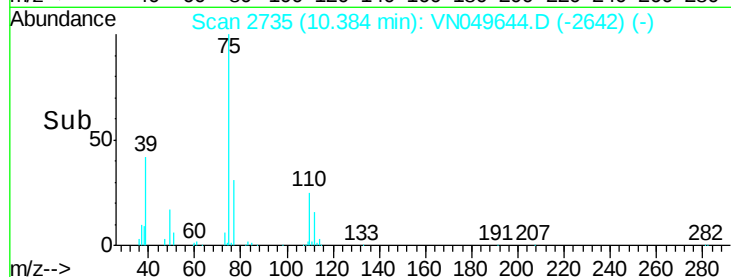
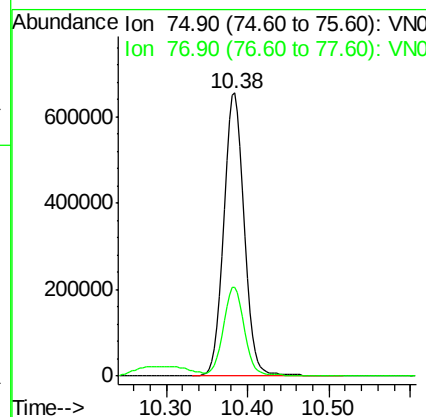
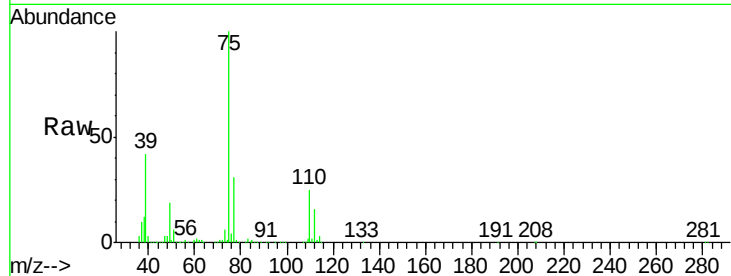
#53
t-1,3-Dichloropropene
Concen: 49.208 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 75 Resp: 1166431
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8

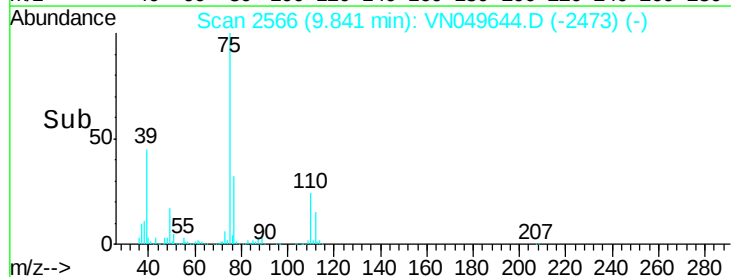
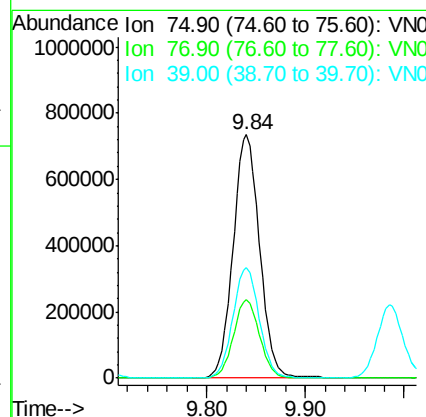
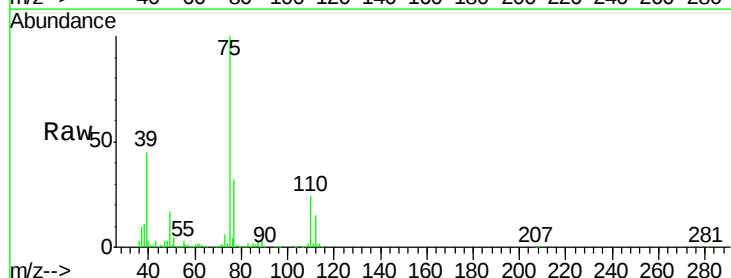
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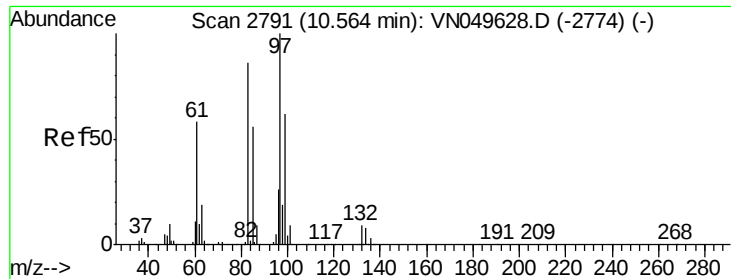
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#54
cis-1,3-Dichloropropene
Concen: 49.861 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 75 Resp: 1381333
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 45.2 35.5 53.3





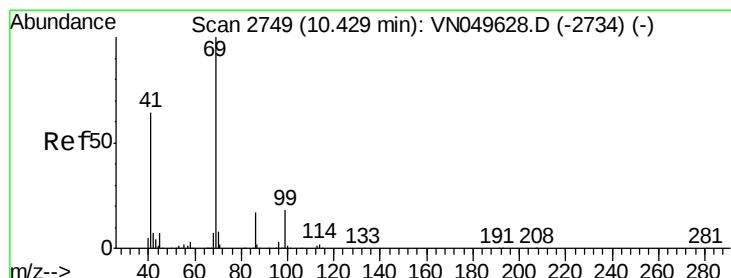
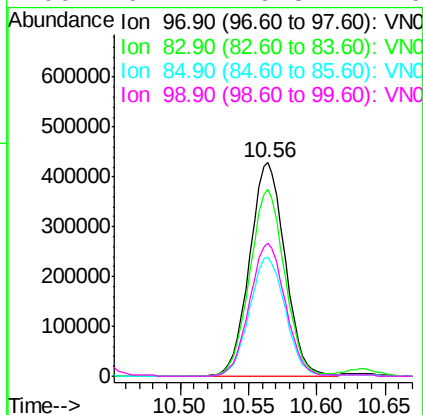
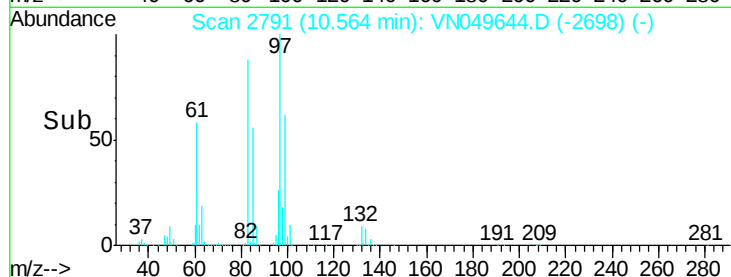
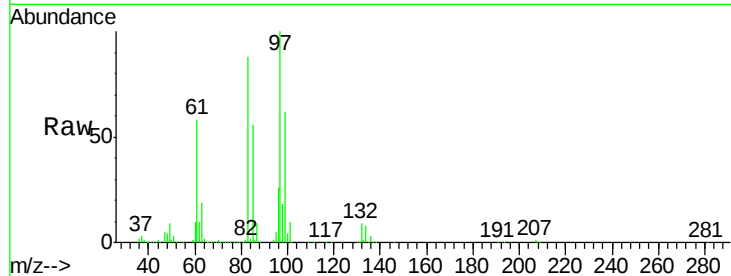
#55
 1,1,2-Trichloroethane
 Concen: 46.211 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.7	44.9	67.3
99	62.2	49.8	74.6

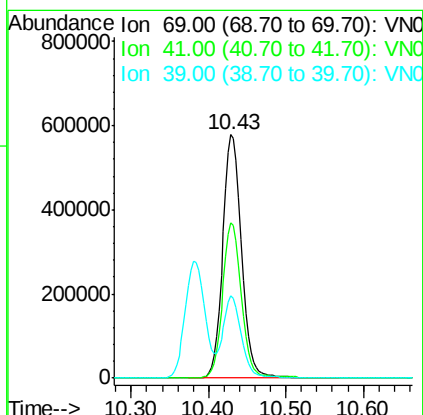
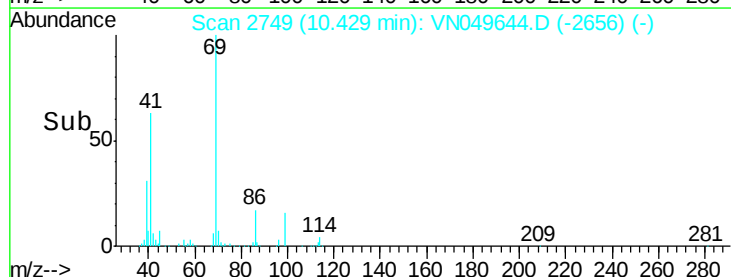
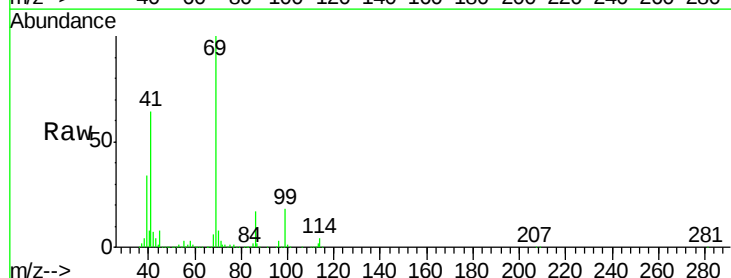
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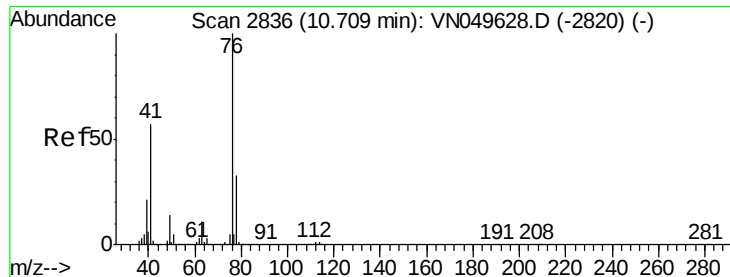
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#56
 Ethyl methacrylate
 Concen: 50.114 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.6	77.4
39	32.3	25.8	38.8





#57

1,3-Dichloropropane

Concen: 47.666 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1293558

Ion Ratio Lower Upper

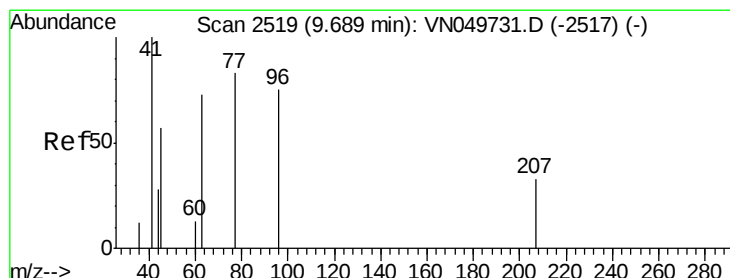
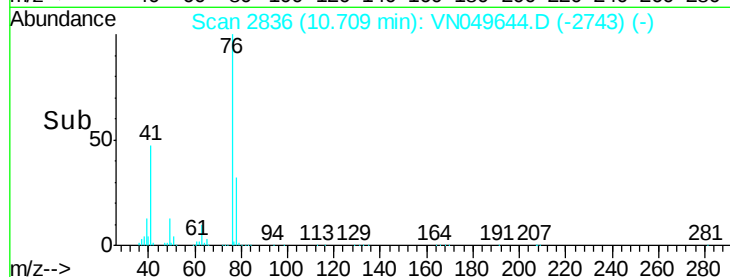
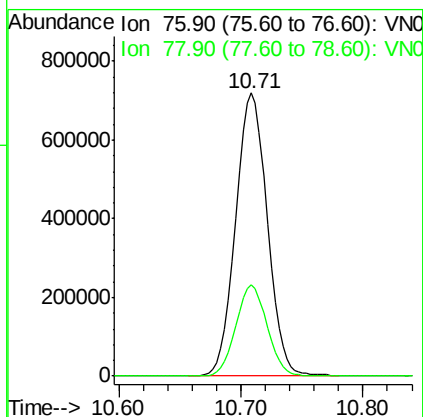
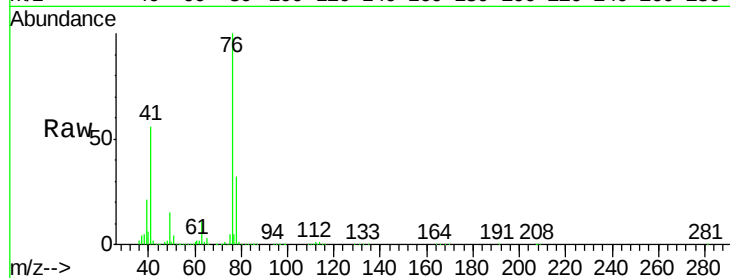
76 100

78 32.0 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 217.578 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049644.D

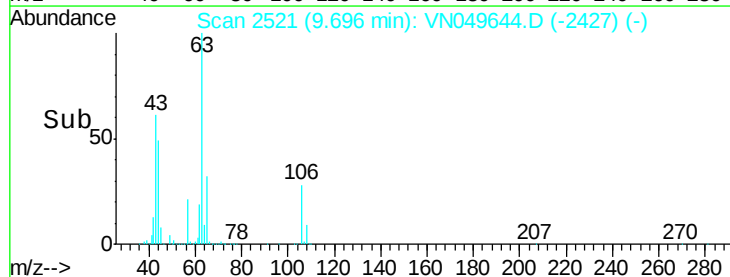
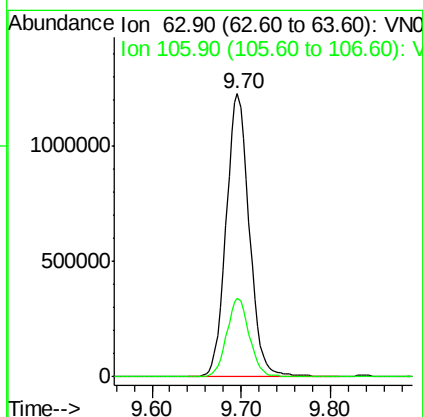
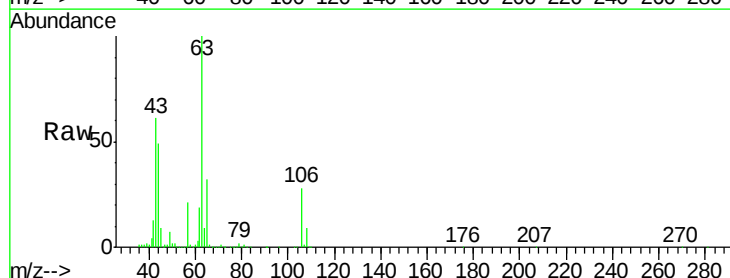
Acq: 30 Jun 2018 11:52

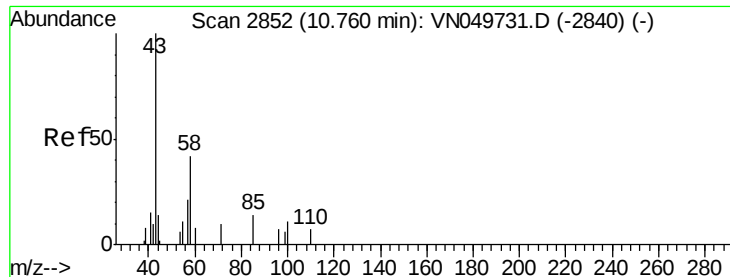
Tgt Ion: 63 Resp: 2209586

Ion Ratio Lower Upper

63 100

106 27.3 21.8 32.8





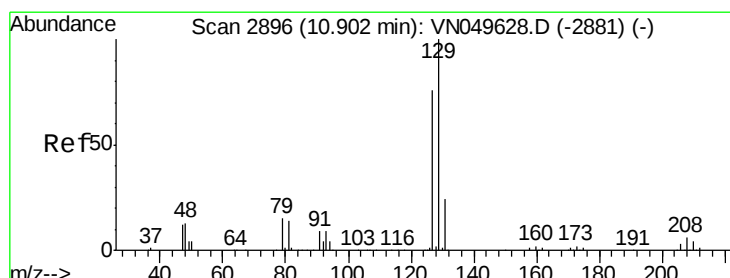
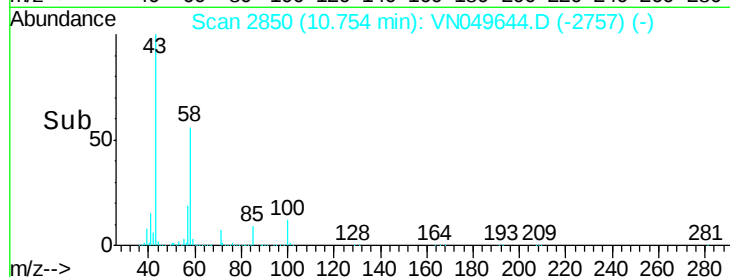
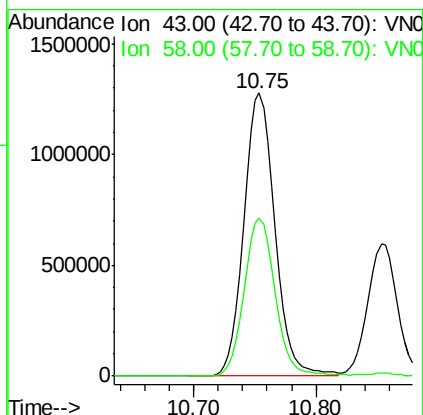
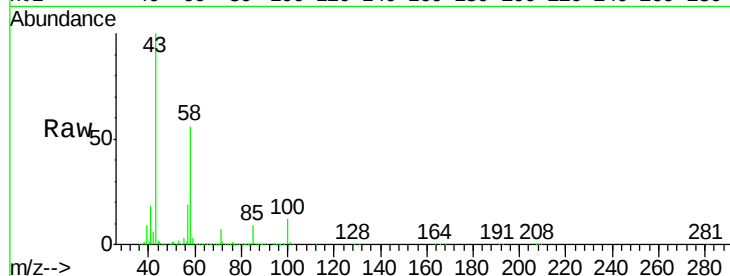
#59
2-Hexanone
Concen: 241.333 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2223587
Ion Ratio Lower Upper
43 100
58 55.9 27.8 83.4

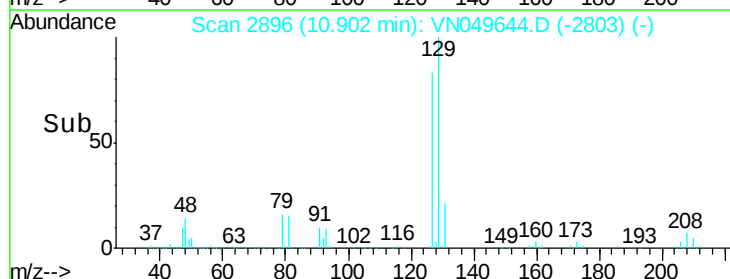
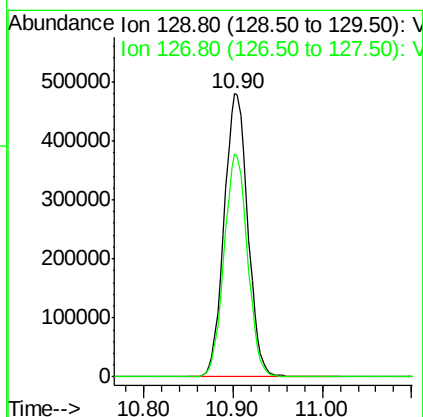
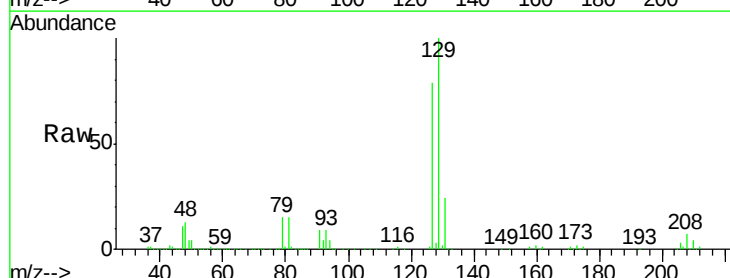
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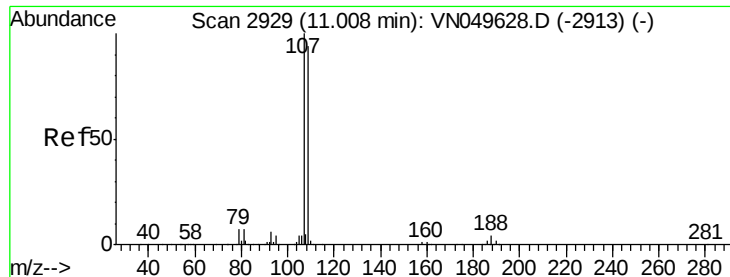
apatel
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#60
Dibromochloromethane
Concen: 48.804 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 129 Resp: 882783
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





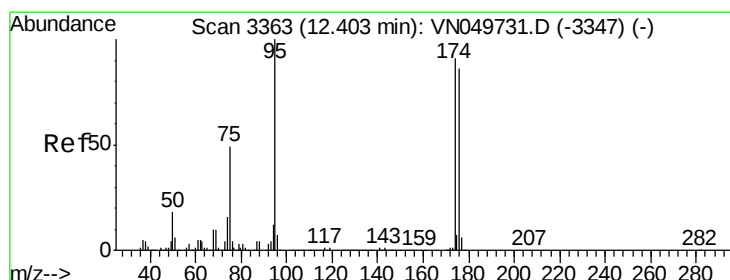
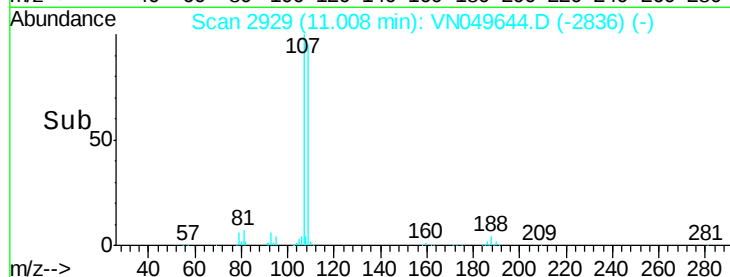
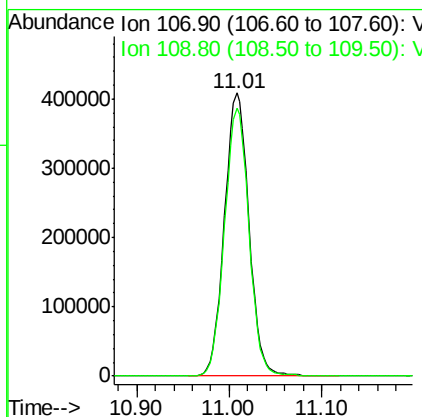
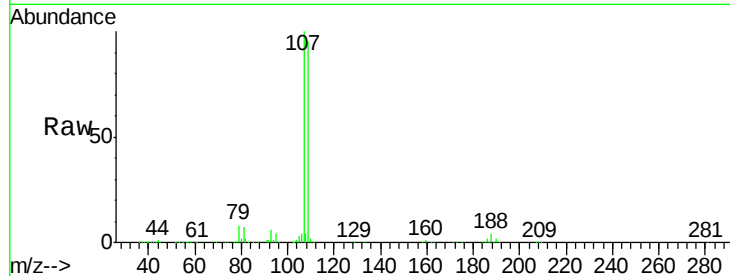
#61
1,2-Dibromoethane
Concen: 46.669 ug/l
RT: 11.01 min Scan# 2929
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 748376
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6

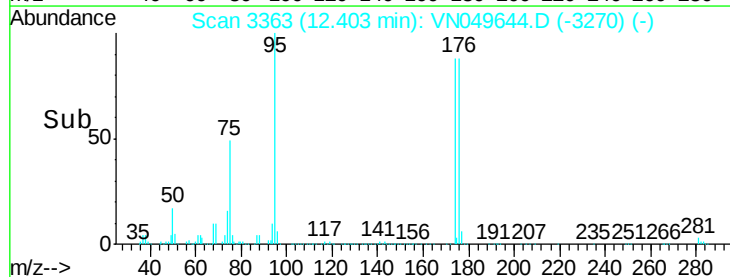
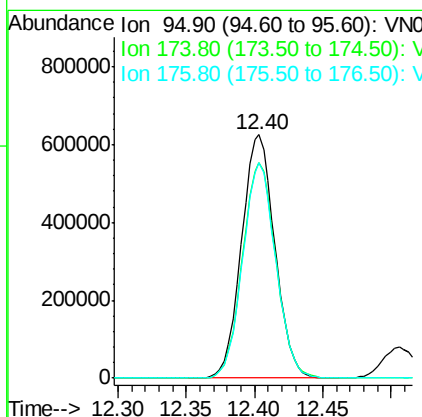
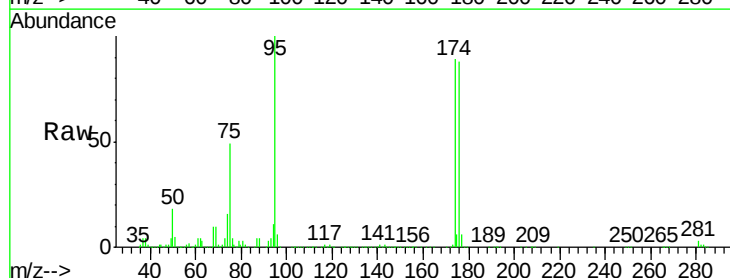
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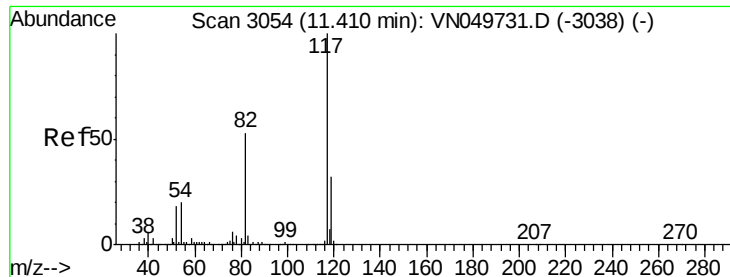
apatel
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#62
4-Bromofluorobenzene
Concen: 48.904 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 95 Resp: 1058146
Ion Ratio Lower Upper
95 100
174 89.0 0.0 179.6
176 87.8 0.0 174.0





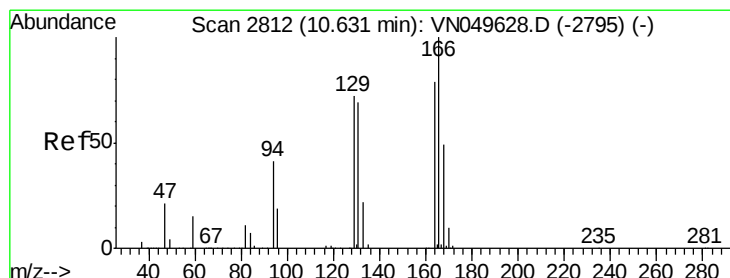
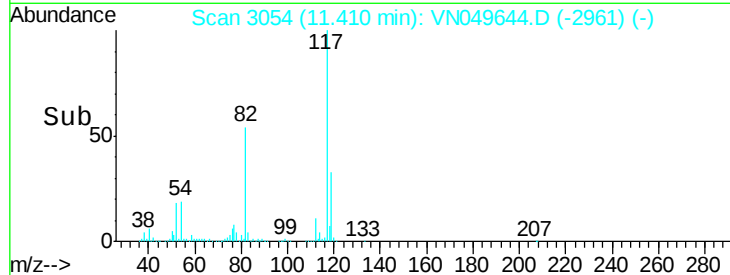
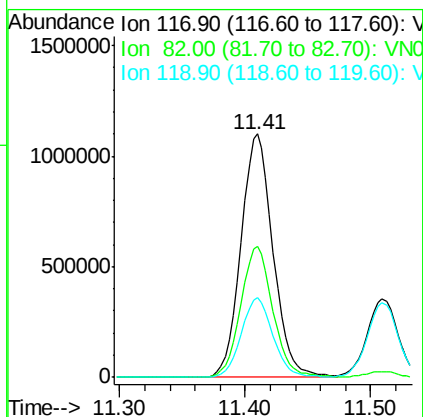
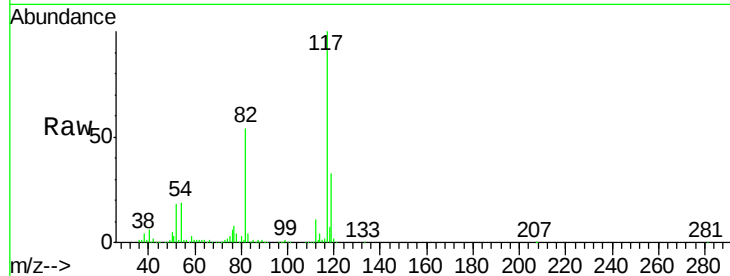
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:117 Resp: 1959271
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.7 25.4 38.2

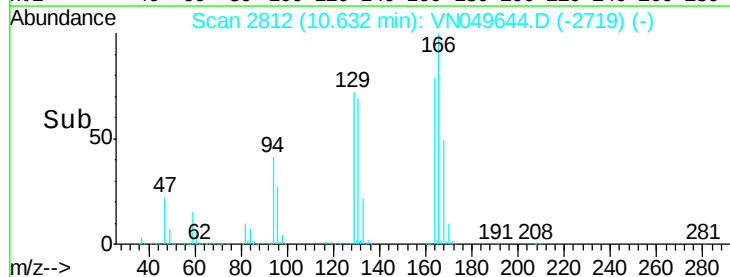
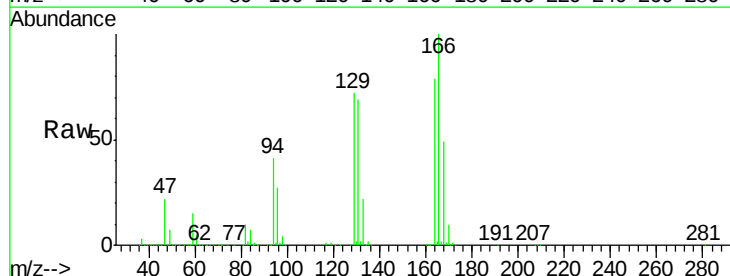
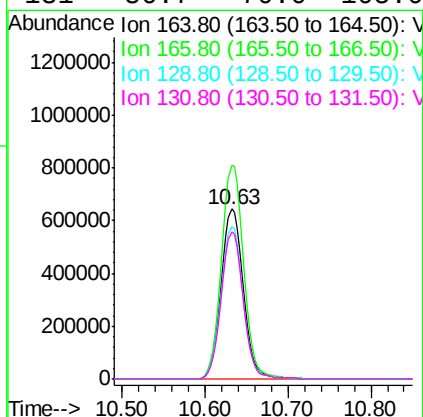
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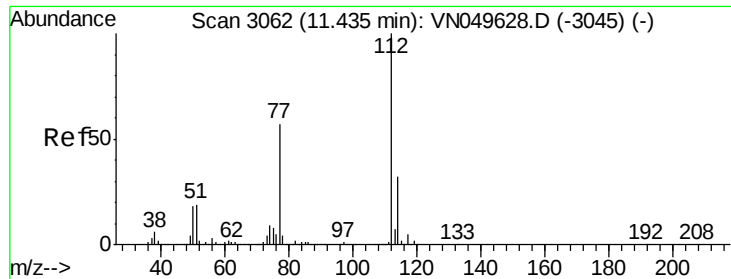
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#64
Tetrachloroethene
Concen: 44.581 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion:164 Resp: 1182704
Ion Ratio Lower Upper
164 100
166 125.8 101.8 152.6
129 89.9 72.8 109.2
131 86.7 70.0 105.0





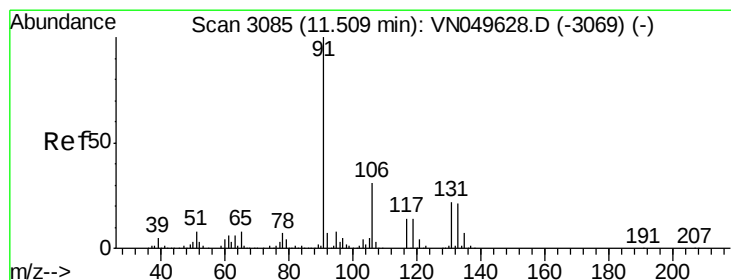
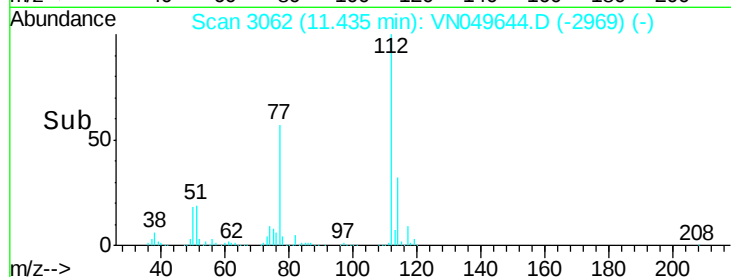
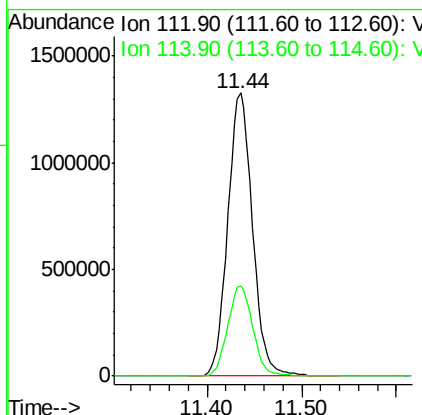
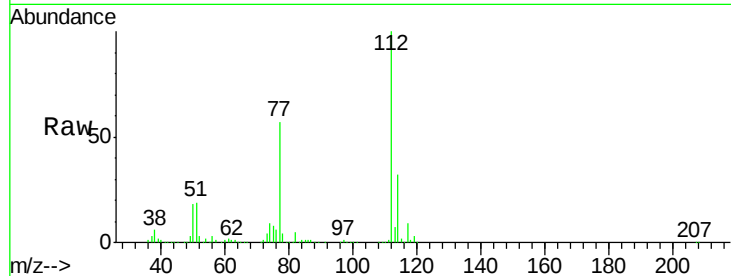
#65
Chlorobenzene
Concen: 47.202 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 2412527
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

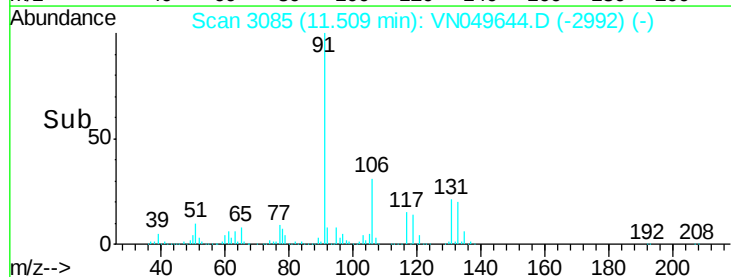
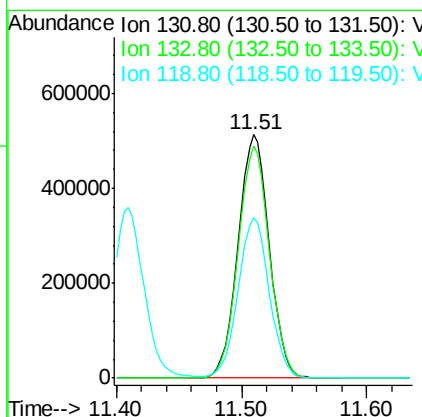
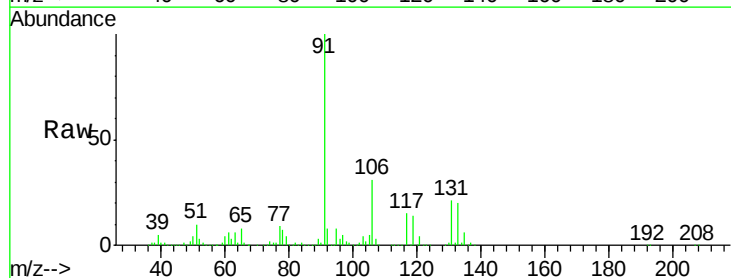
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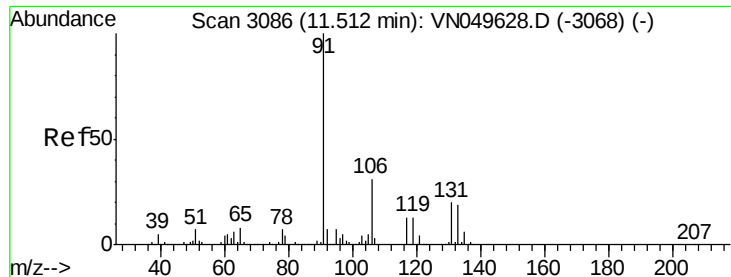
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.182 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion:131 Resp: 884870
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.9 33.1 99.3





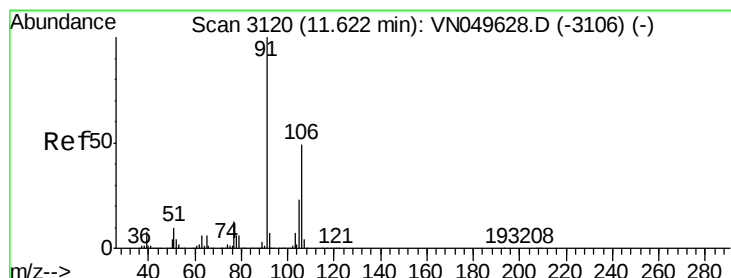
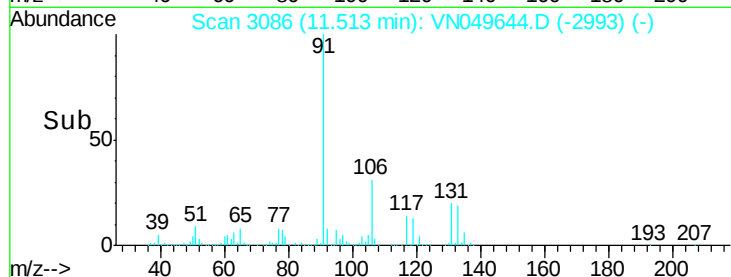
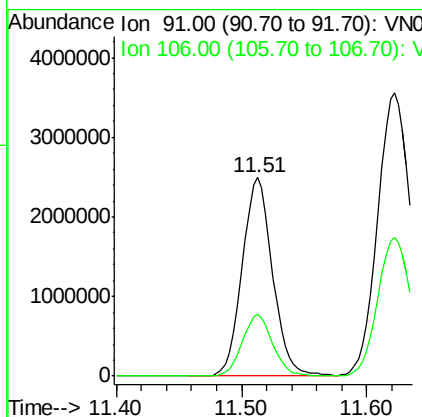
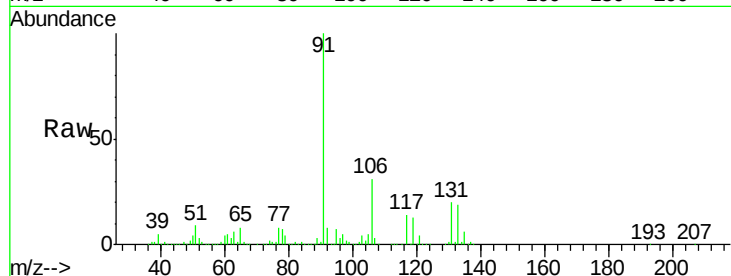
#67
Ethyl Benzene
Concen: 49.885 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 4214730
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2

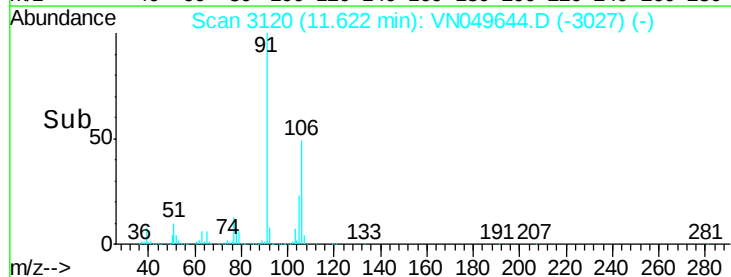
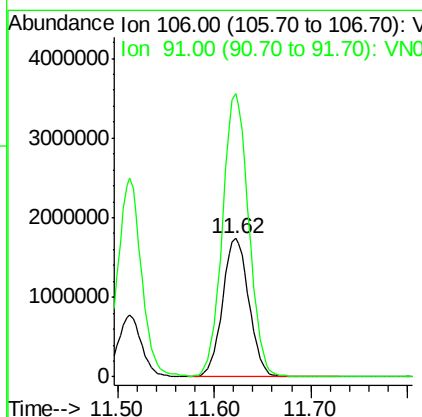
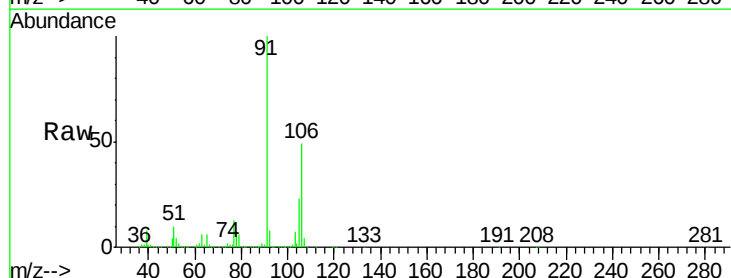
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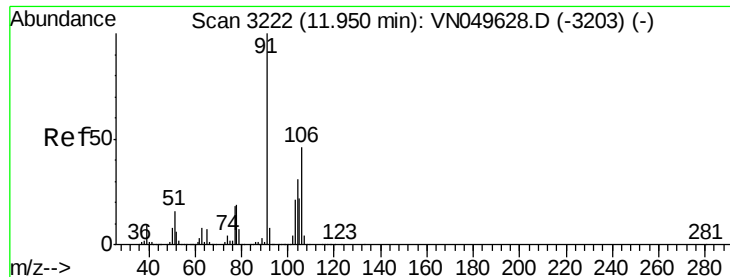
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#68
m/p-Xylenes
Concen: 101.686 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 106 Resp: 3292493
Ion Ratio Lower Upper
106 100
91 203.6 163.4 245.2





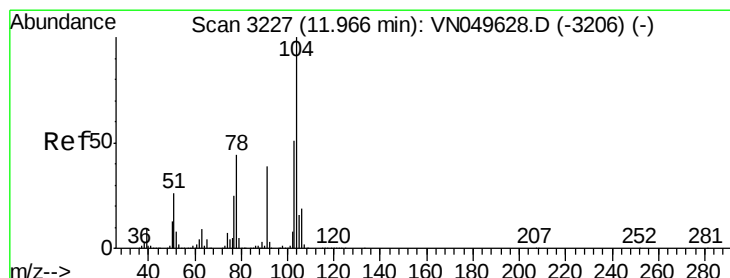
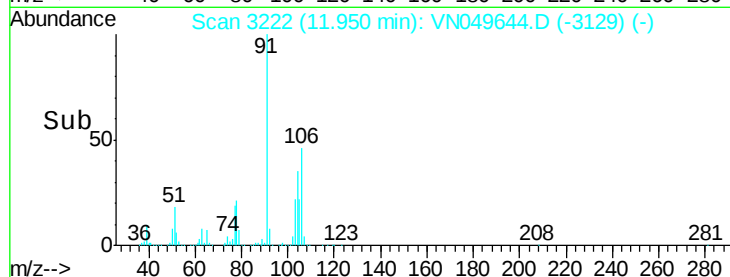
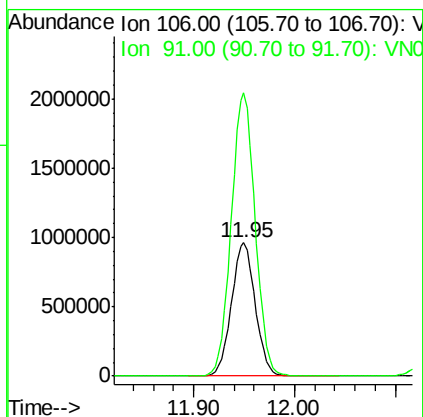
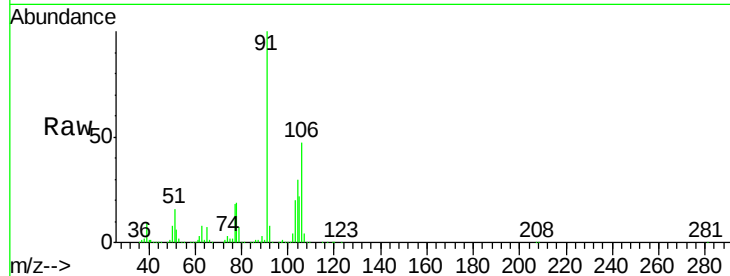
#69
o-Xylene
Concen: 50.949 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:106 Resp: 1579427
Ion Ratio Lower Upper
106 100
91 214.1 108.7 326.1

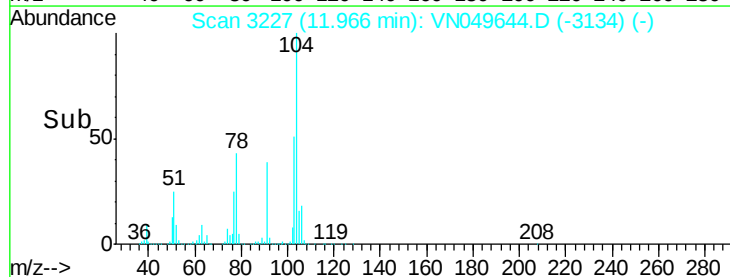
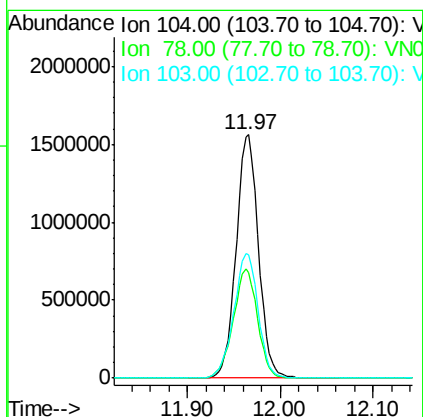
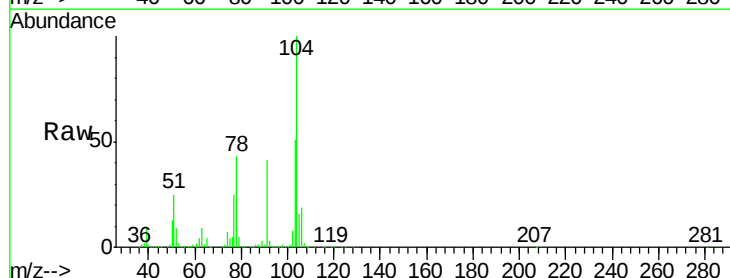
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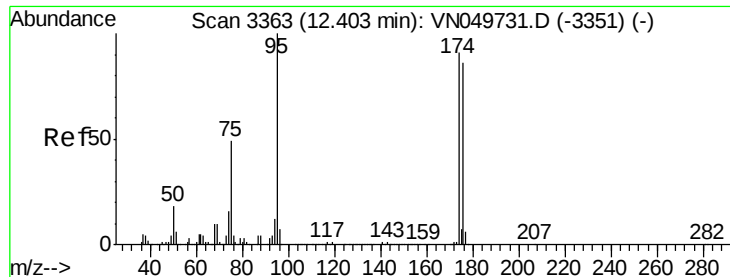
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#70
Styrene
Concen: 52.003 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion:104 Resp: 2608389
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.7 44.6 67.0





#71

Bromoform

Concen: 48.949 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

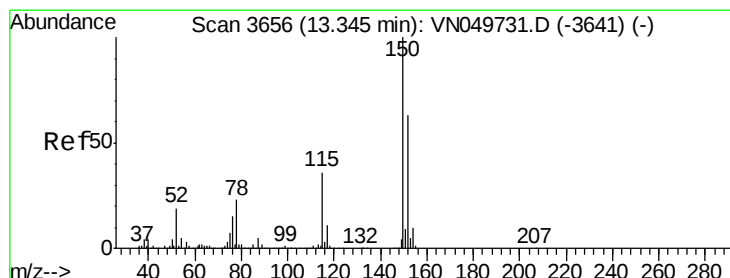
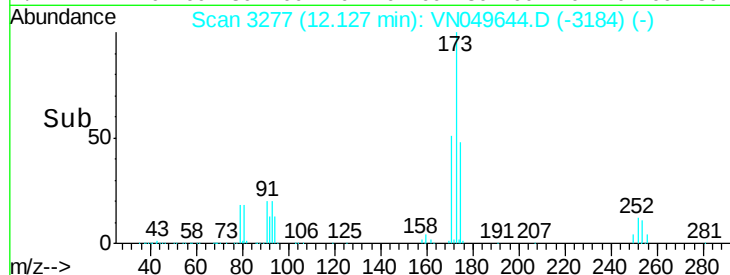
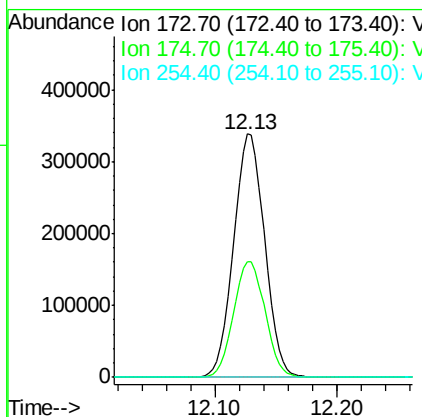
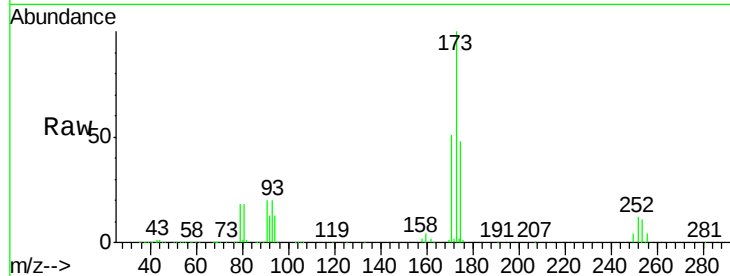
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	597334		
175	48.3	24.6	73.8	
254	0.1	0.2	0.2	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

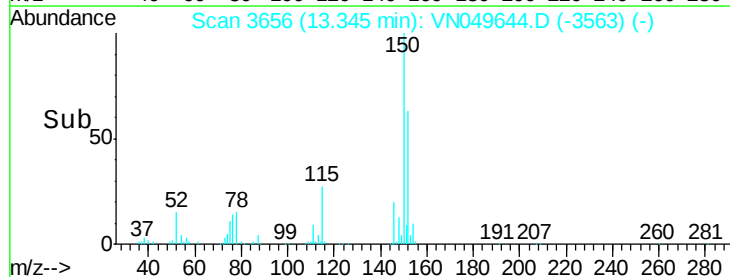
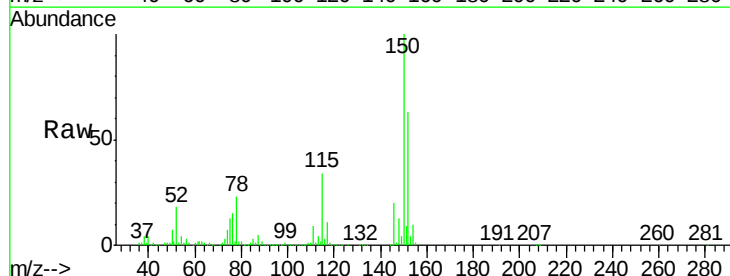
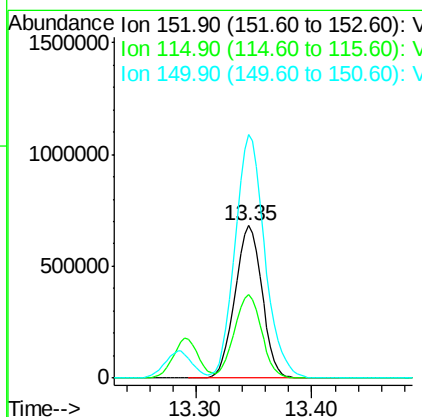
RT: 13.35 min Scan# 3656

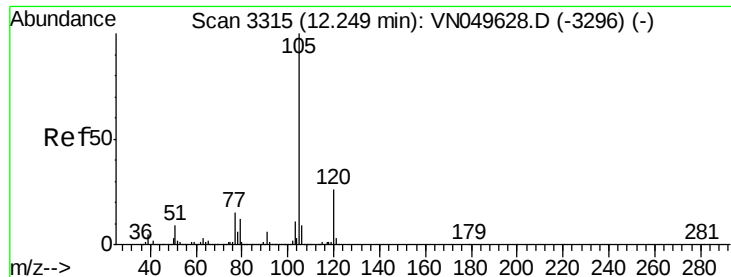
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1095007		
115	55.2	28.1	84.2	
150	175.4	0.0	347.6	





#73

Isopropylbenzene

Concen: 48.266 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 105 Resp: 4209893

Ion Ratio Lower Upper

105 100

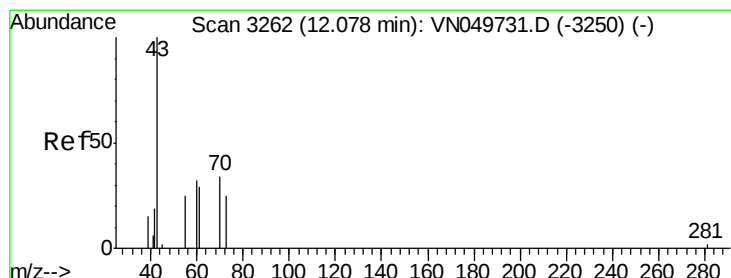
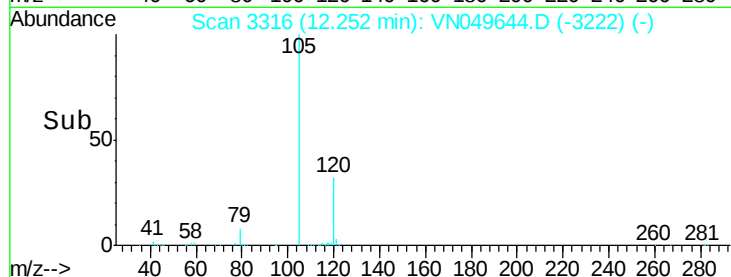
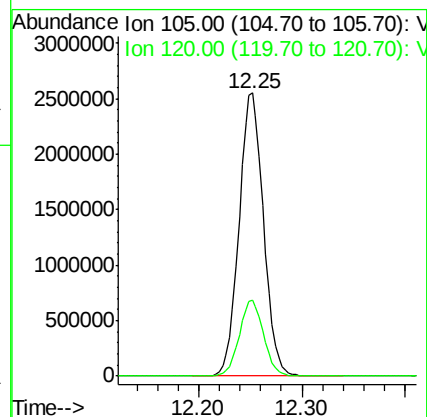
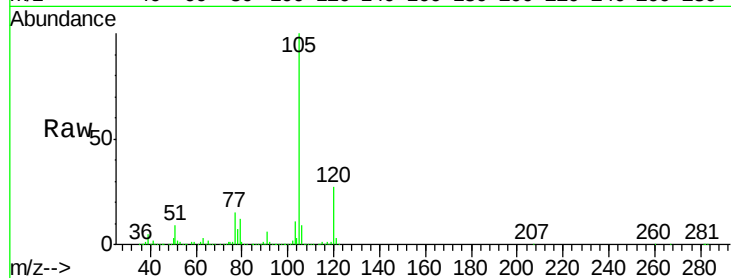
120 26.6 13.3 39.8

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#74

N-ethyl acetate

Concen: 45.177 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion: 43 Resp: 1076350

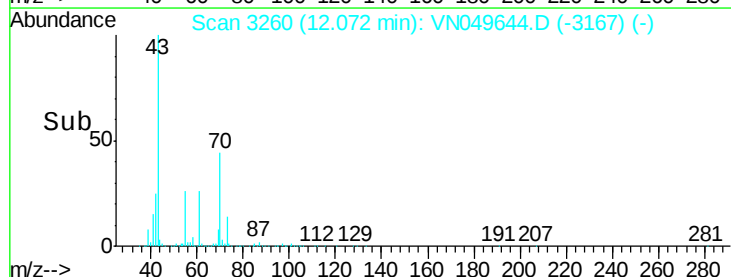
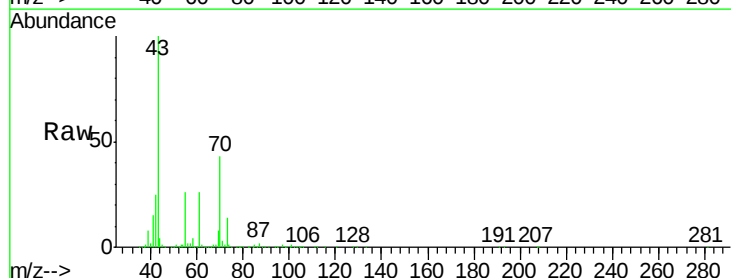
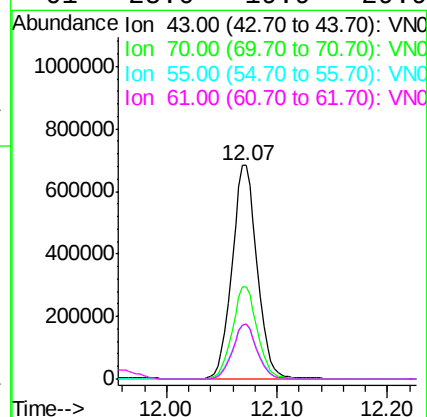
Ion Ratio Lower Upper

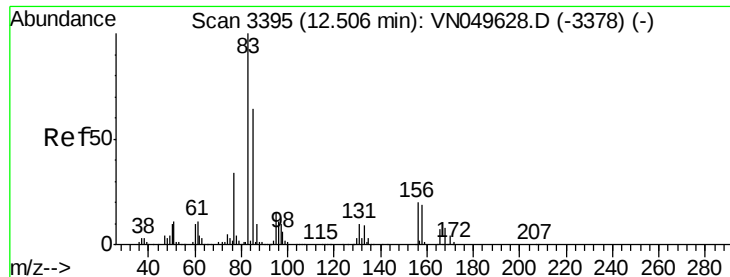
43 100

70 43.0 34.8 52.2

55 25.9 20.9 31.3

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.795 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

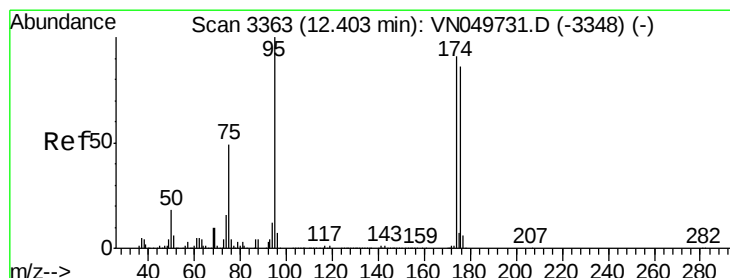
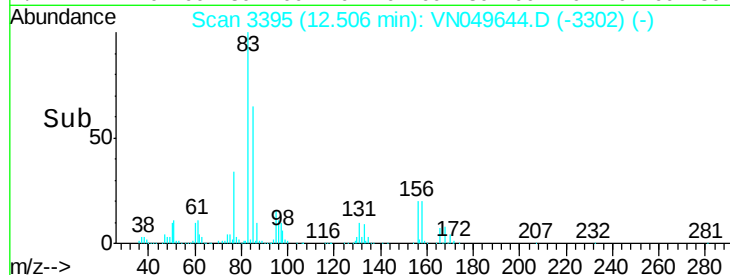
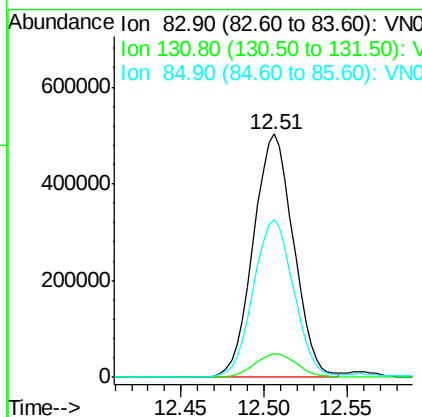
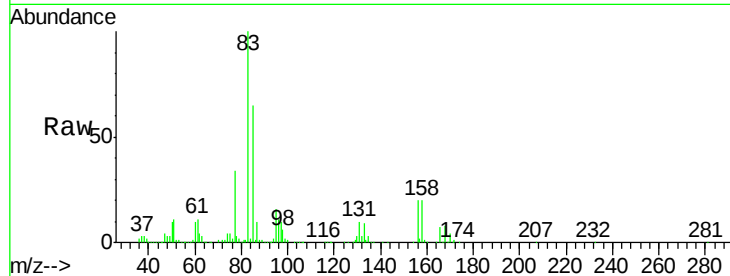
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	849247
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	65.2	32.5	97.4

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7/2/2018 4:18:05 PM



#76

1,2,3-Trichloropropane

Concen: 41.808 ug/l m

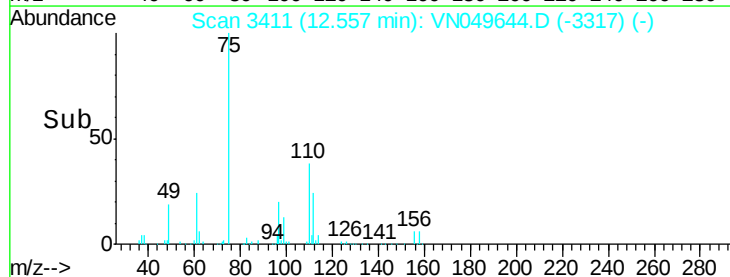
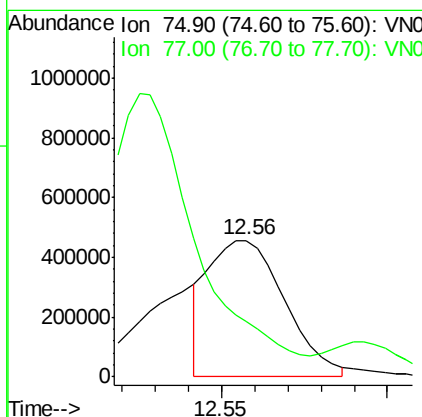
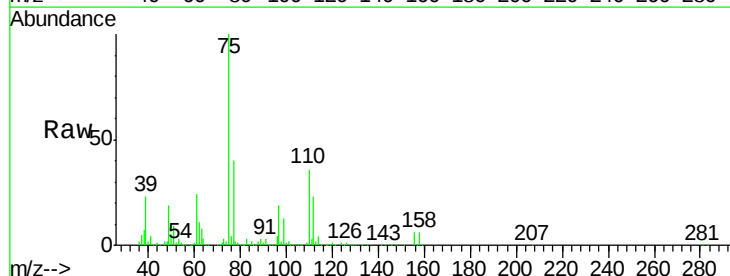
RT: 12.56 min Scan# 3411

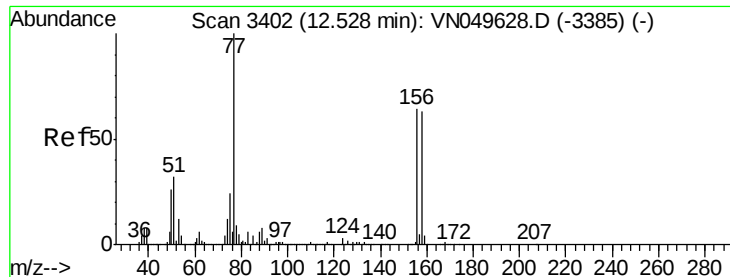
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	75	Resp:	734221
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.535 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

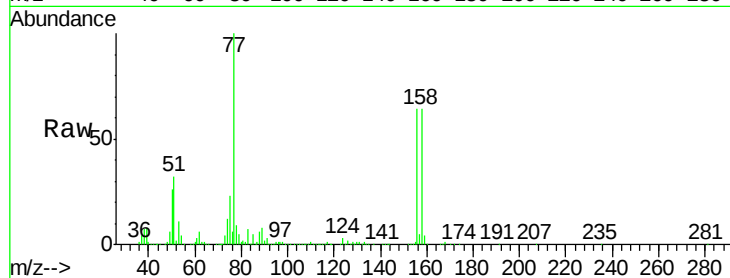
ClientSampleId :

VSTDCCC050

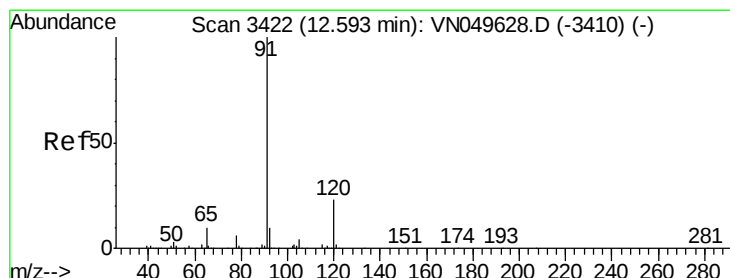
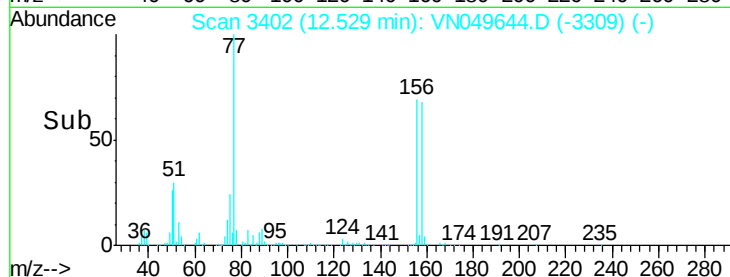
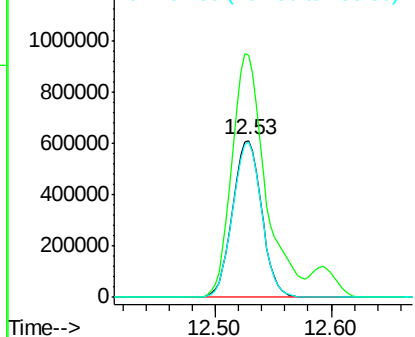
Tgt Ion: 156 Resp: 1056251
 Ion Ratio Lower Upper
 156 100
 77 178.2 90.2 270.6
 158 98.4 49.1 147.3

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Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.443 ug/l

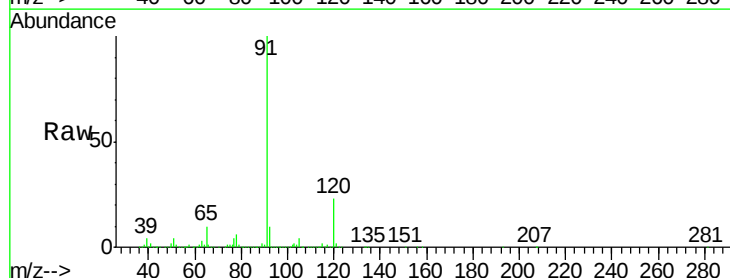
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

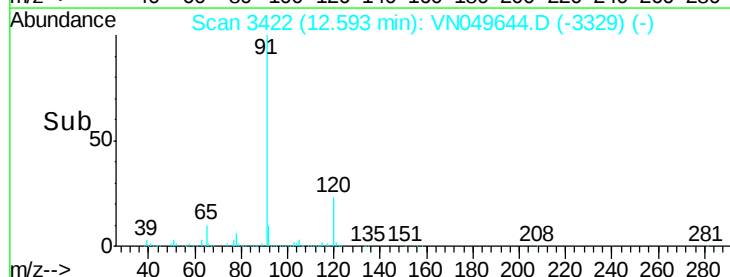
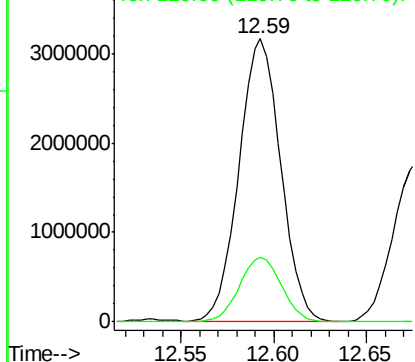
Lab File: VN049644.D

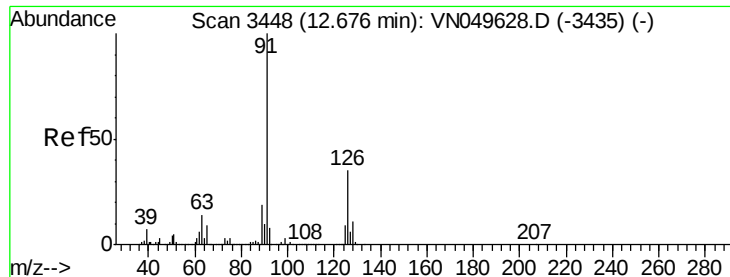
Acq: 30 Jun 2018 11:52

Tgt Ion: 91 Resp: 4942561
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.004 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 2910463

Ion Ratio Lower Upper

91 100

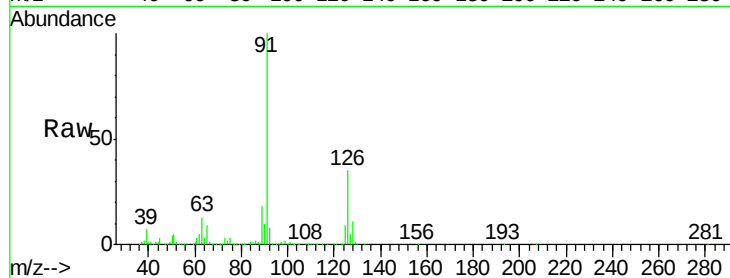
126 35.2 17.5 52.5

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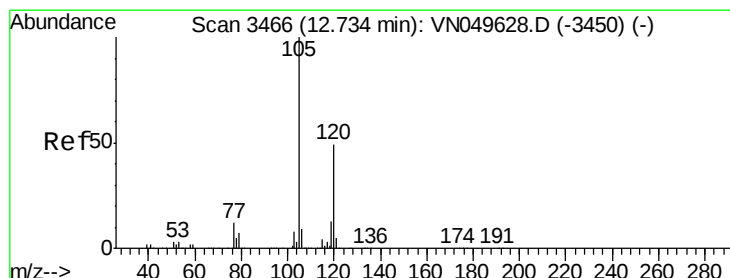
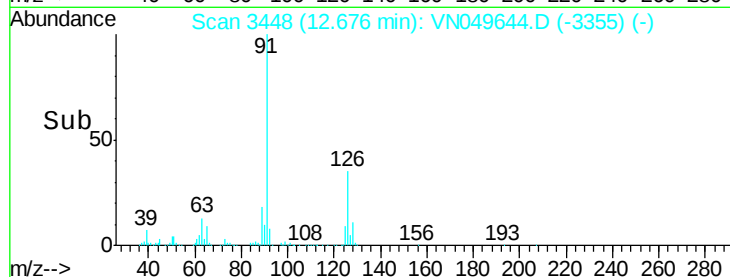
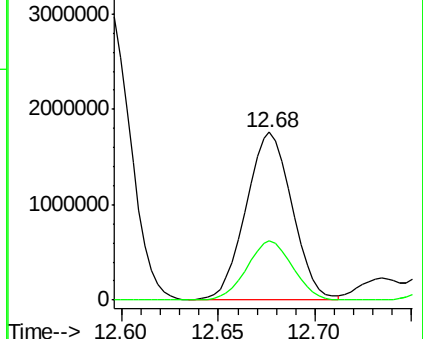
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Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049628.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.431 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049644.D

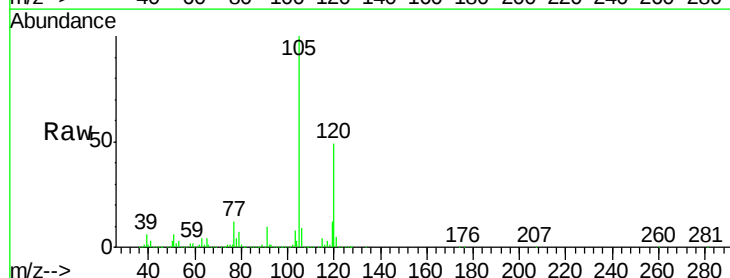
Acq: 30 Jun 2018 11:52

Tgt Ion: 105 Resp: 3582761

Ion Ratio Lower Upper

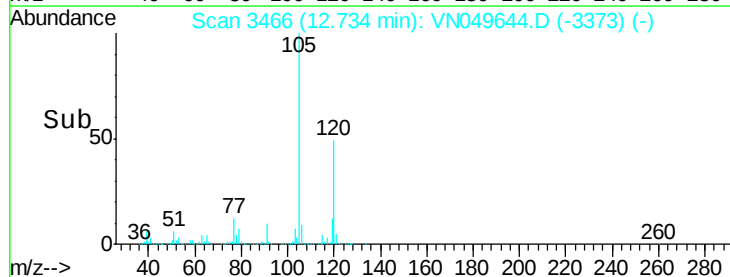
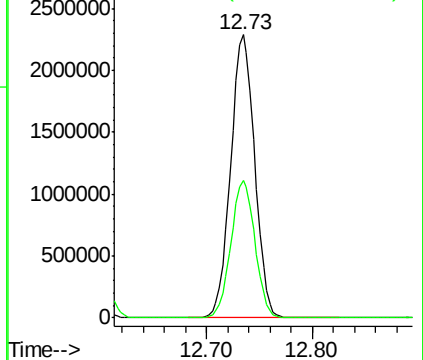
105 100

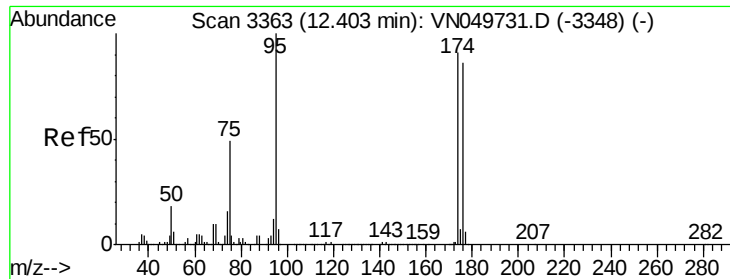
120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049628.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN049628.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.429 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Instrument :

MSVOA_N

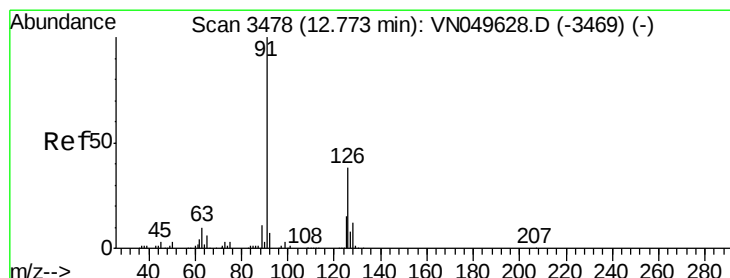
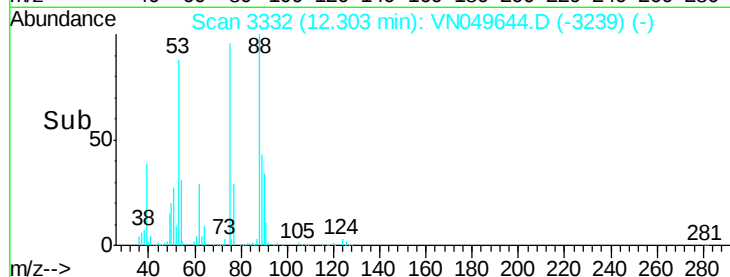
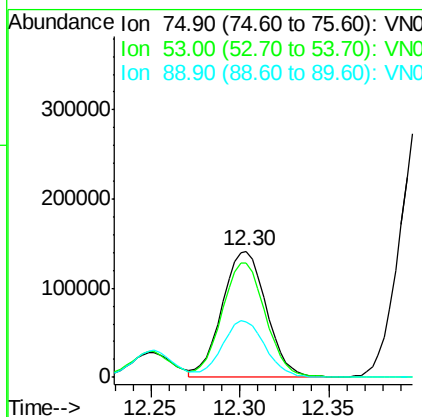
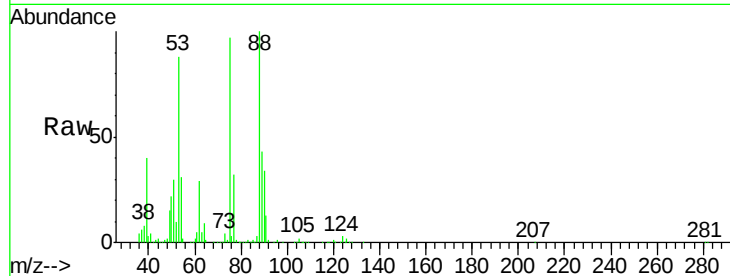
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	240065
Ion Ratio	Lower	Upper	
75	100		
53	90.8	73.9	110.9
89	44.5	35.9	53.9

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#82

4-Chlorotoluene

Concen: 46.825 ug/l

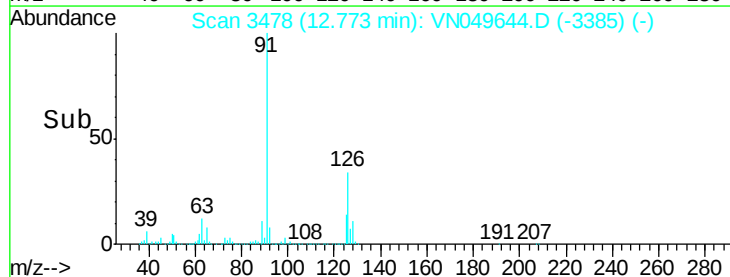
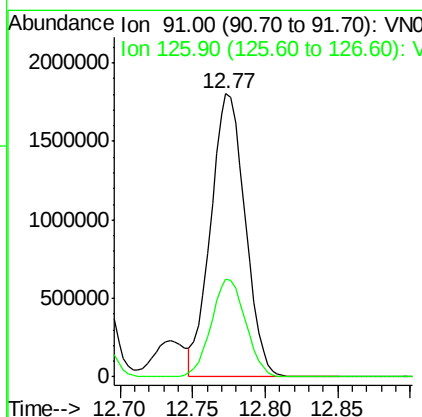
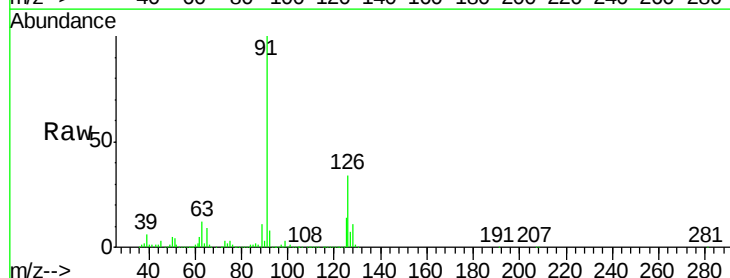
RT: 12.77 min Scan# 3478

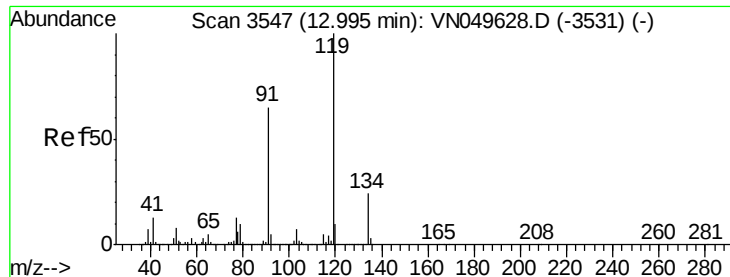
Delta R.T. 0.00 min

Lab File: VN049644.D

Acq: 30 Jun 2018 11:52

Tgt Ion:	91	Resp:	2978609
Ion Ratio	Lower	Upper	
91	100		
126	34.7	17.2	51.6





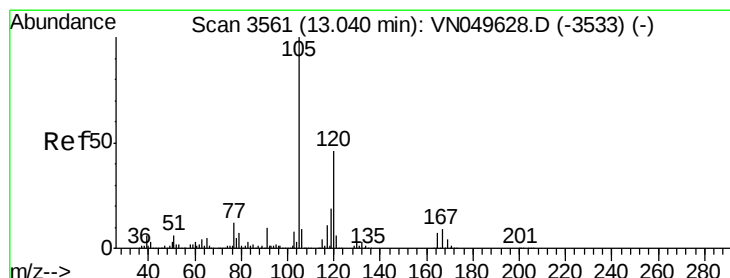
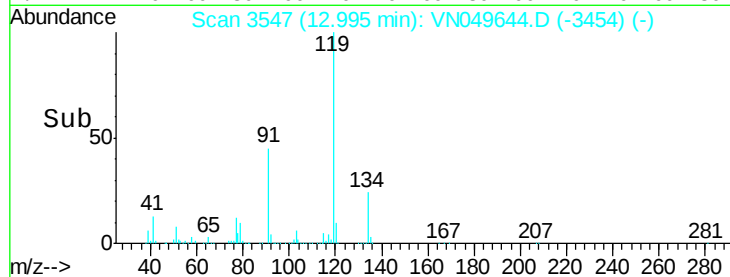
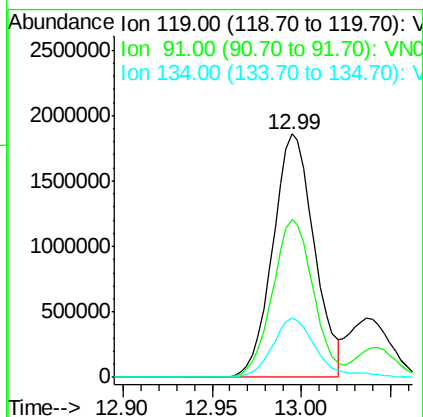
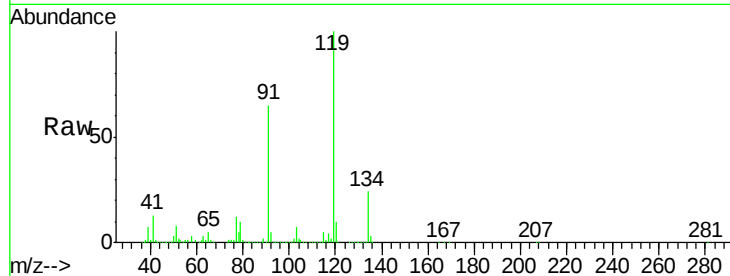
#83
 tert-Butylbenzene
 Concen: 48.504 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion:119 Resp: 3020019
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.0 96.2
 134 25.7 12.8 38.4

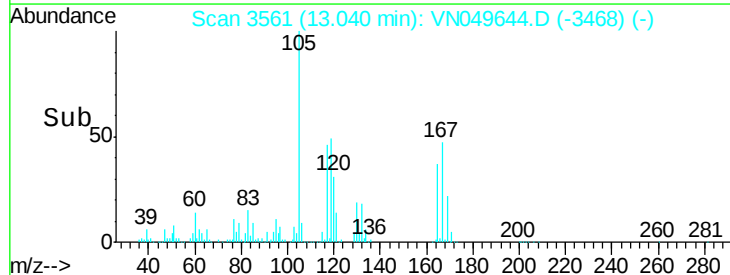
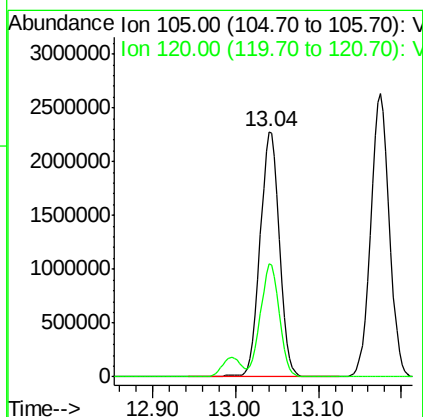
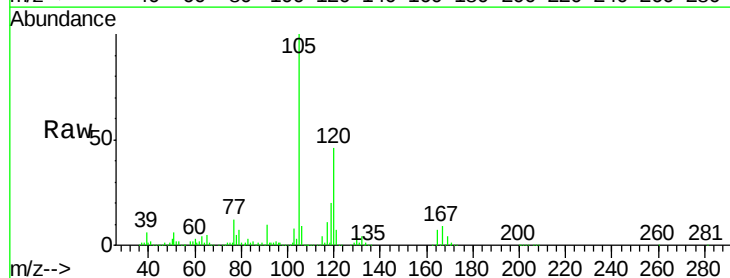
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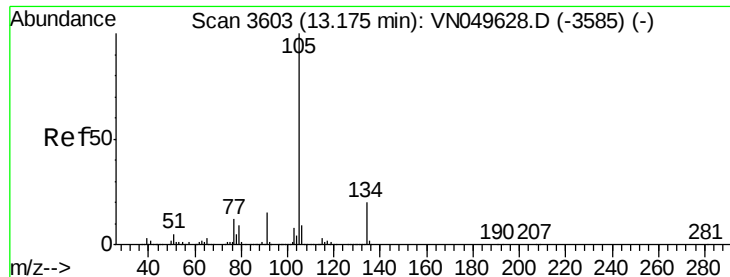
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.279 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion:105 Resp: 3670130
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1





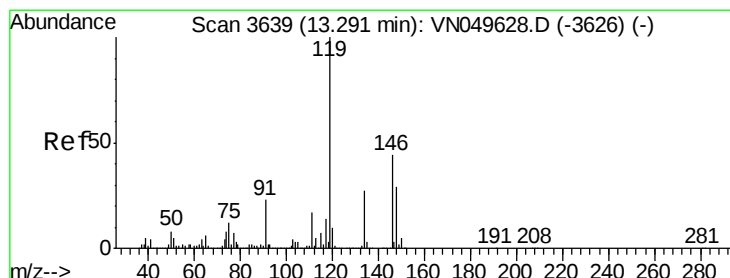
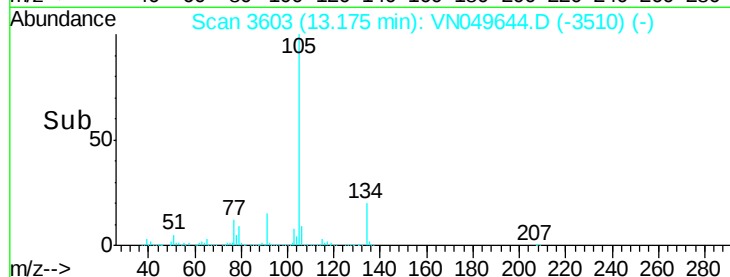
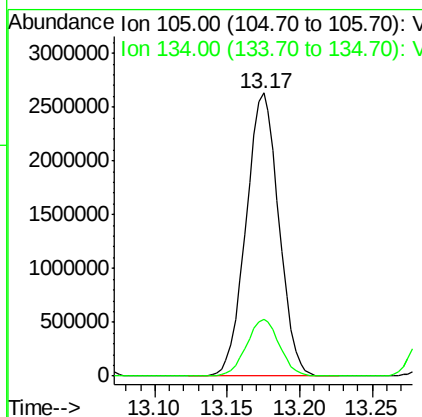
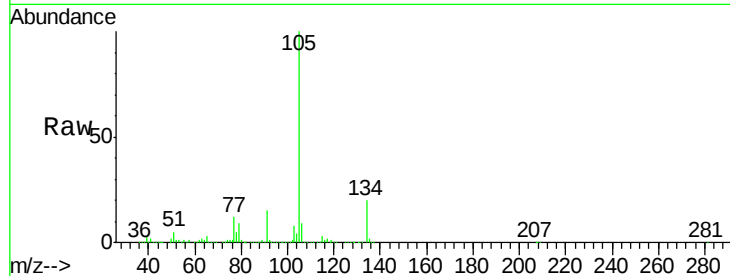
#85
 sec-Butylbenzene
 Concen: 50.191 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 4140424
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

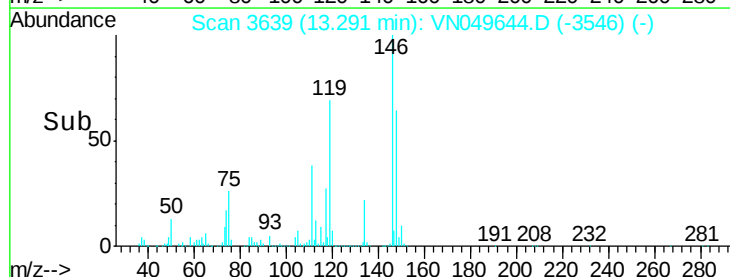
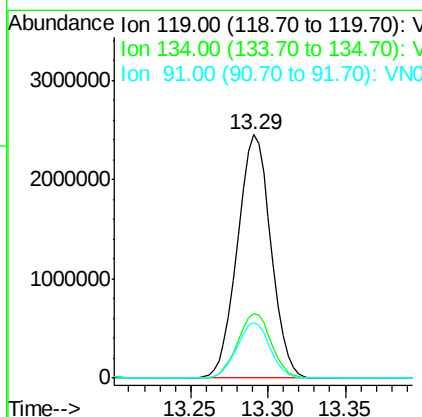
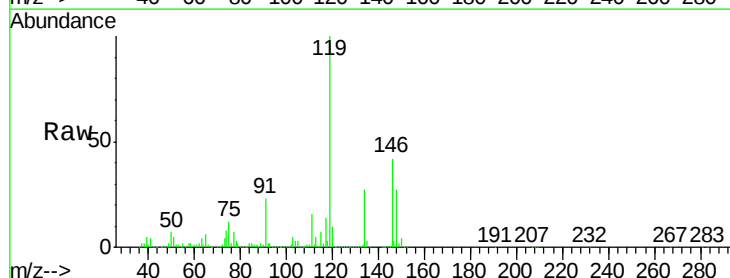
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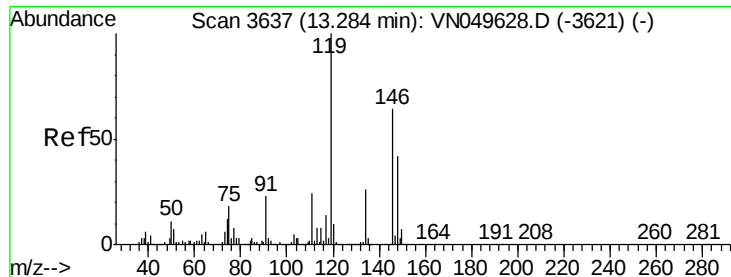
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#86
 p-Isopropyltoluene
 Concen: 51.552 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion:119 Resp: 3683509
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.9
 91 22.5 11.4 34.1





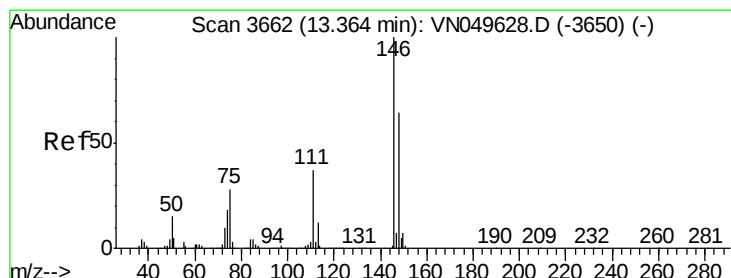
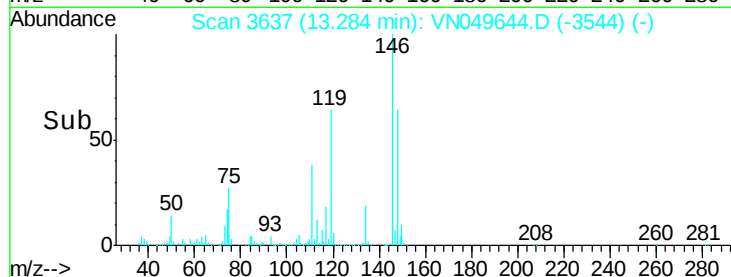
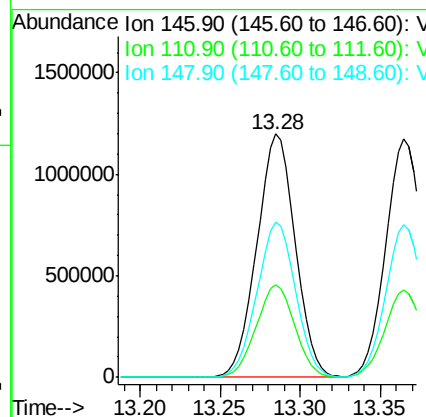
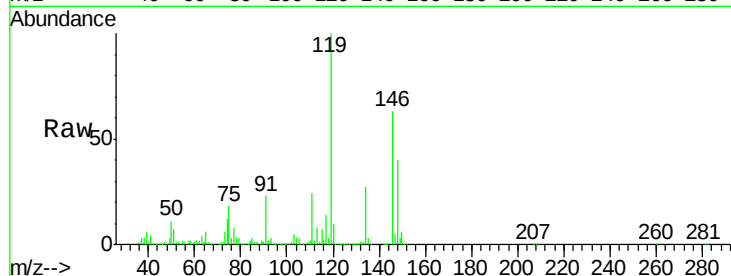
#87
 1,3-Dichlorobenzene
 Concen: 49.192 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 1976167
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.0 57.0
 148 64.0 32.5 97.5

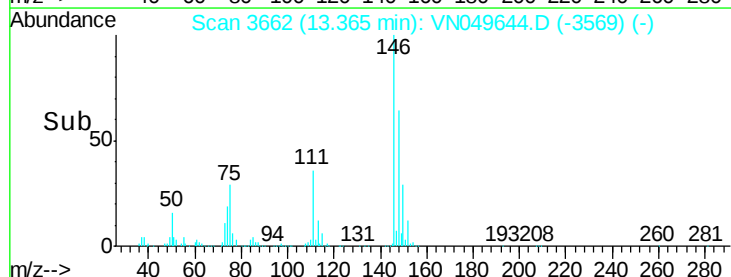
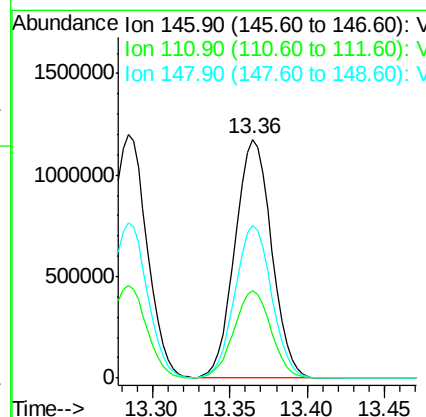
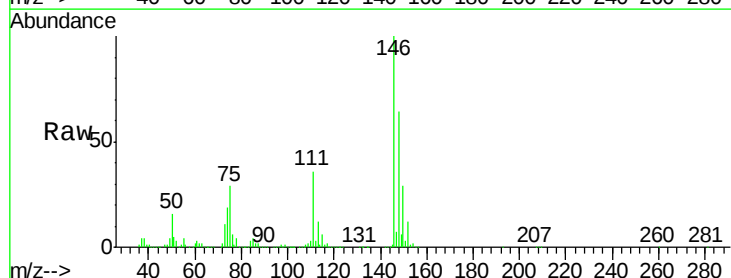
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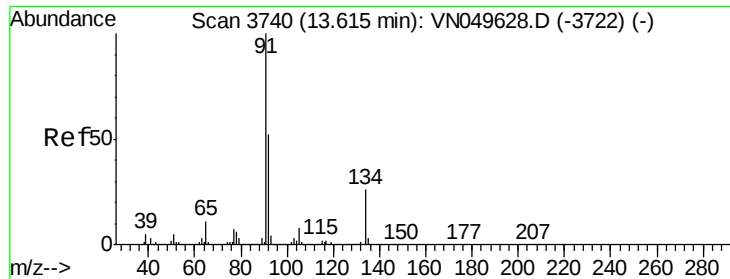
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#88
 1,4-Dichlorobenzene
 Concen: 48.932 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion:146 Resp: 1930801
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.5
 148 64.0 32.1 96.3





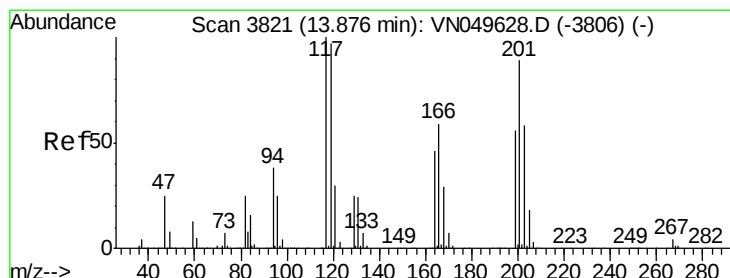
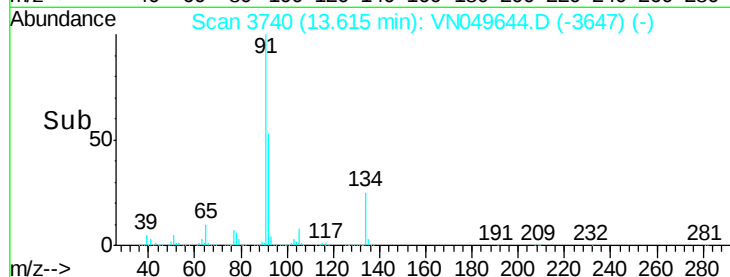
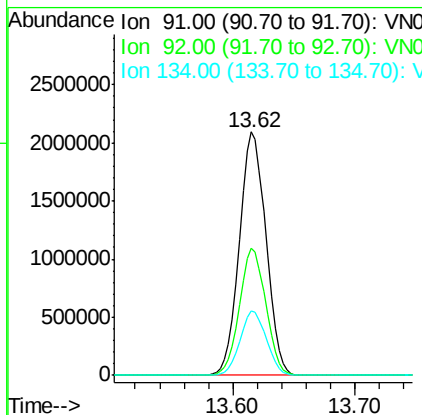
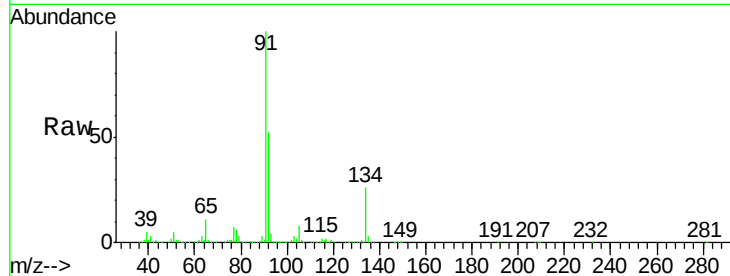
#89
n-Butylbenzene
Concen: 51.304 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 3138367
Ion Ratio Lower Upper
91 100
92 51.8 25.8 77.3
134 26.2 13.0 38.9

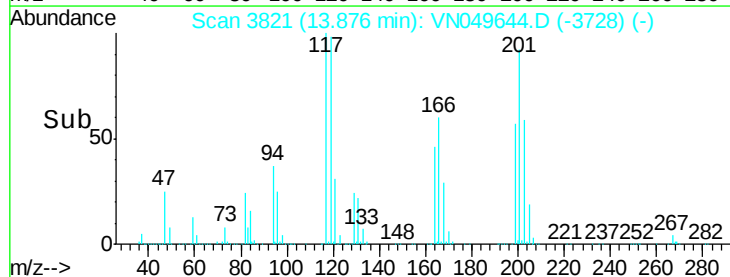
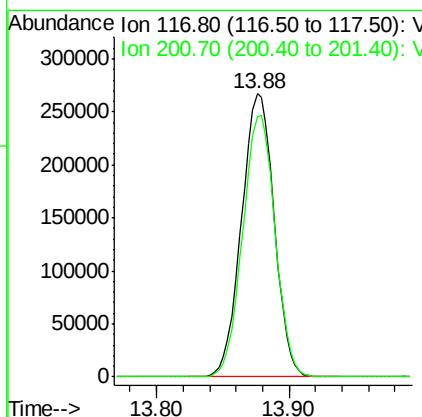
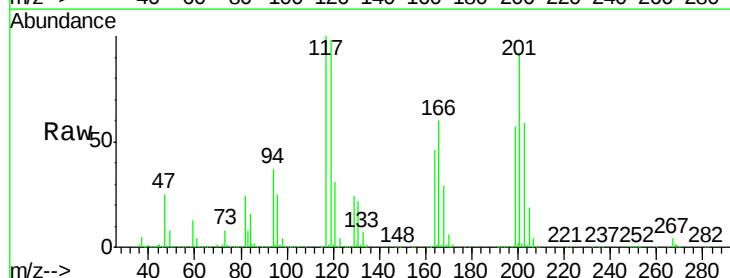
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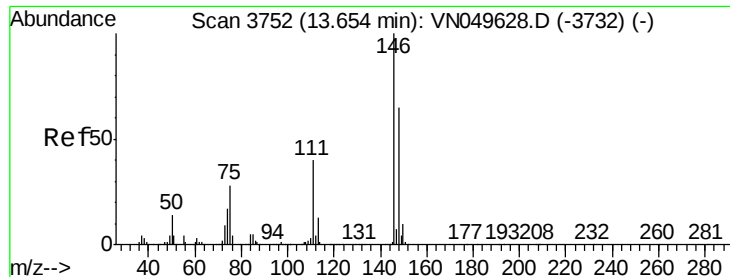
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#90
Hexachloroethane
Concen: 60.748 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion: 117 Resp: 455939
Ion Ratio Lower Upper
117 100
201 91.9 45.3 135.8





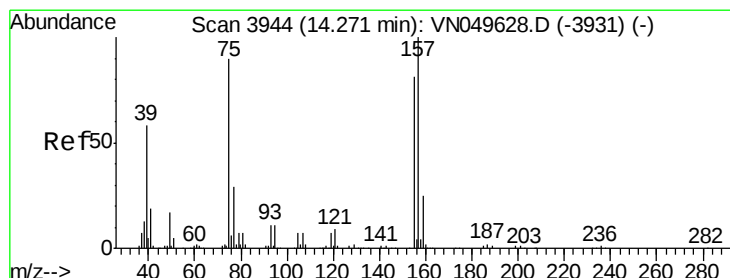
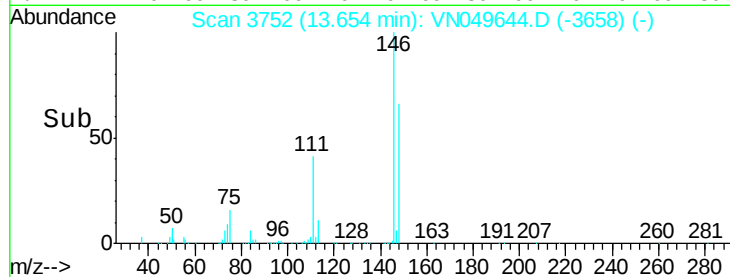
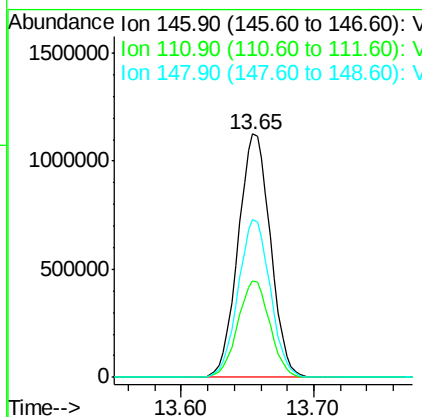
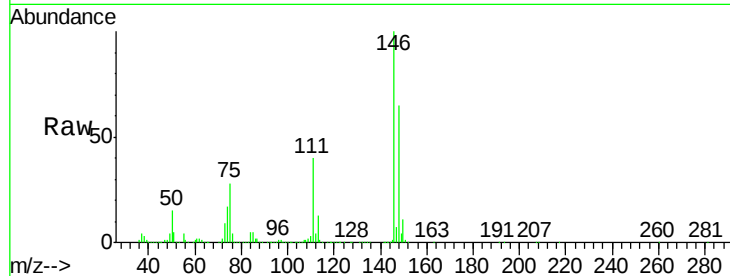
#91
 1,2-Dichlorobenzene
 Concen: 49.255 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.4	32.0	96.2

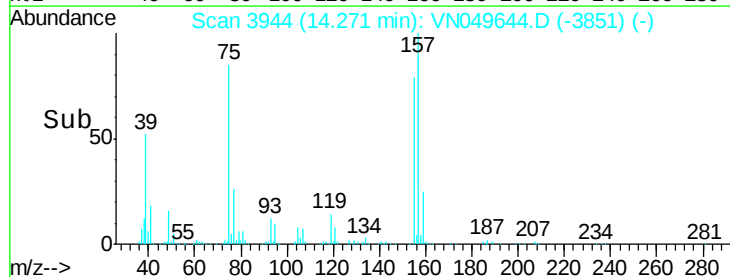
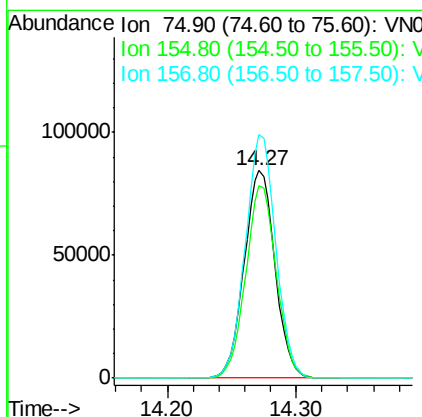
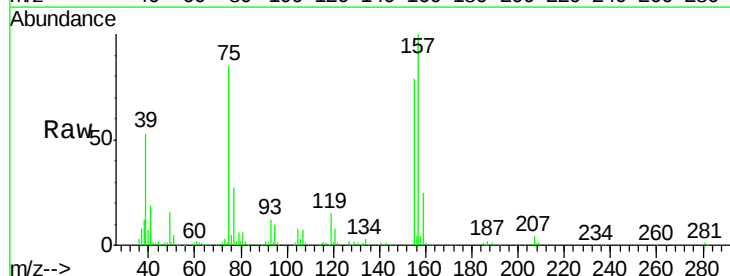
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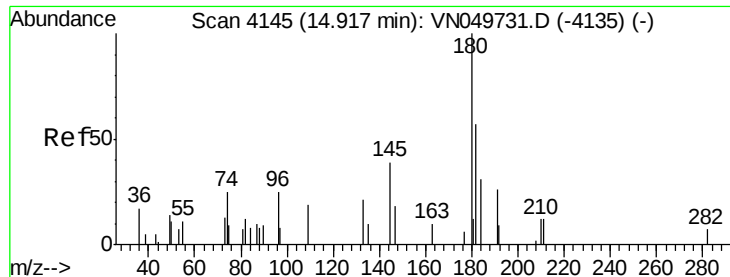
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.177 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	45.7	137.1
157	116.0	56.9	170.7





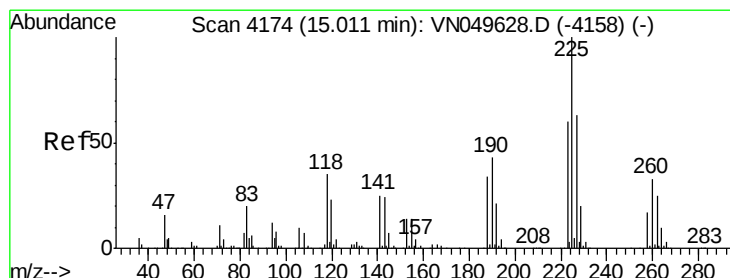
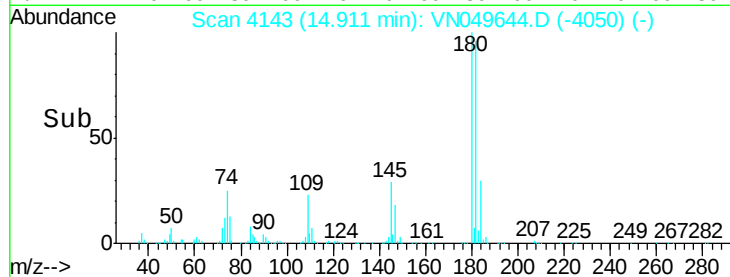
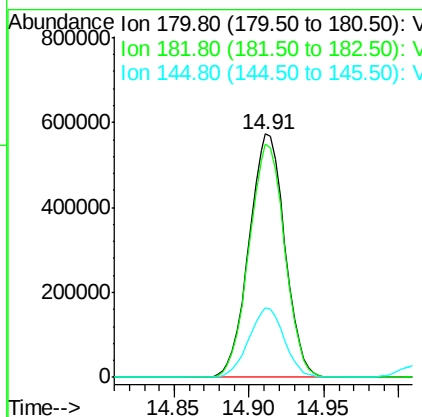
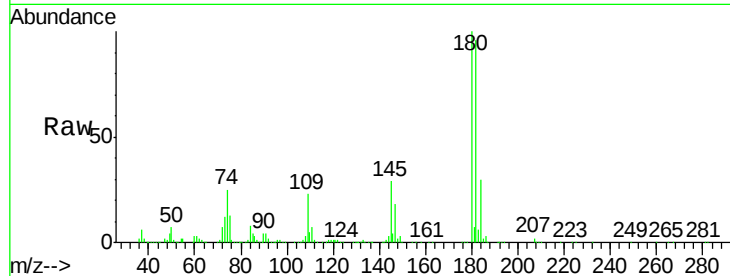
#93
 1,2,4-Trichlorobenzene
 Concen: 47.217 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	949824		
182	95.9	47.3	141.9	
145	28.5	14.4	43.0	

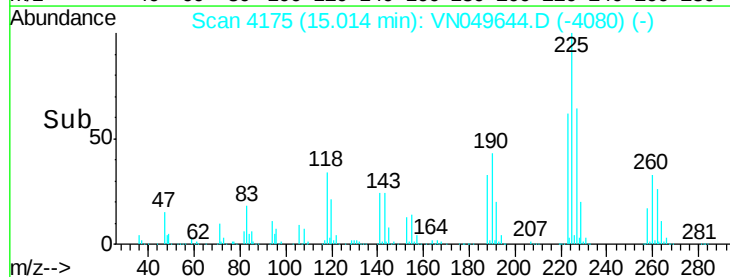
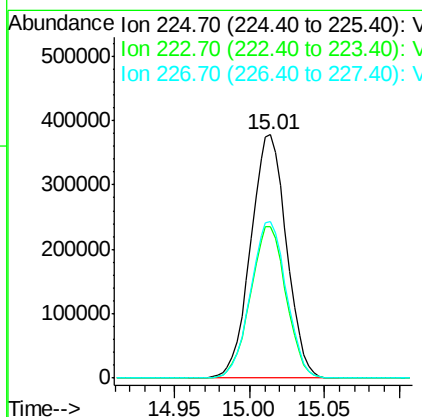
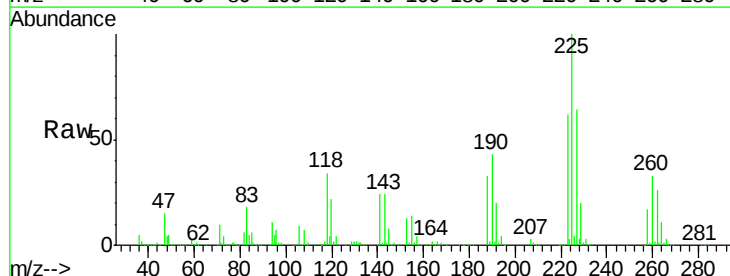
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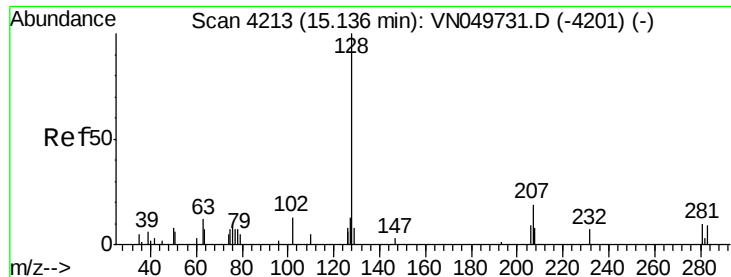
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#94
 Hexachlorobutadiene
 Concen: 54.144 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049644.D
 Acq: 30 Jun 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	627544		
223	61.9	30.9	92.7	
227	64.5	31.8	95.4	





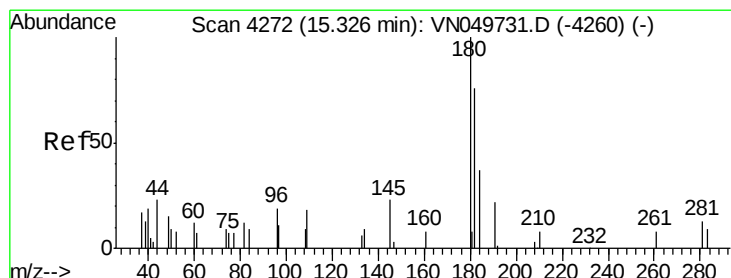
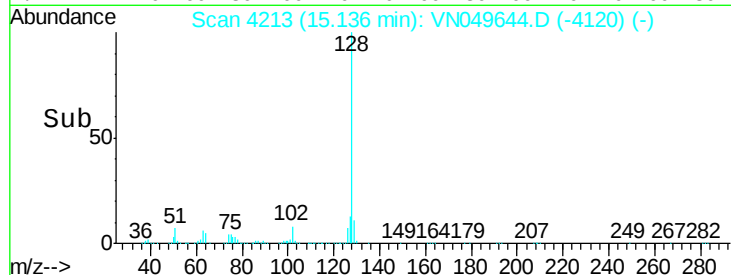
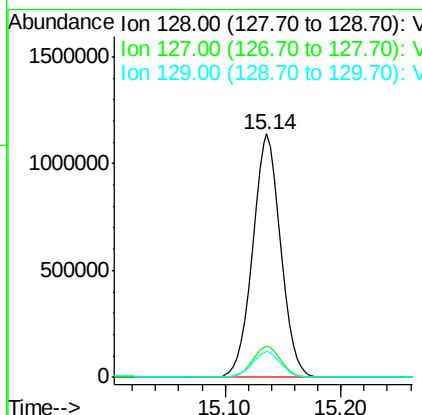
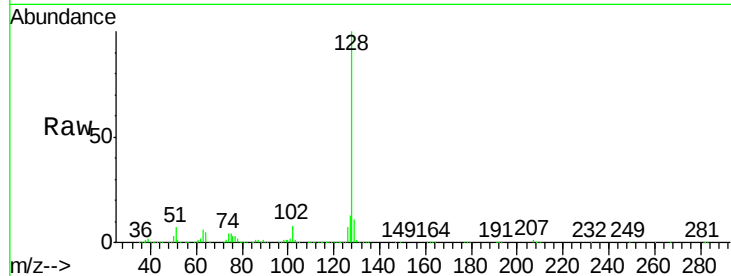
#95
Naphthalene
Concen: 43.683 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1917873
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.342 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049644.D
Acq: 30 Jun 2018 11:52

Tgt Ion:180 Resp: 905275
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 30.4 15.2 45.6

