

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121919\
 Data File : VN059664.D
 Acq On : 19 Dec 2019 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2019 9:20:19 AM

Quant Time: Dec 20 02:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	365682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	339717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	177340	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	7.56	113	123232	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.08	98	497380	54.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.40	95	183898	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	190664	64.893	ug/l	98
3) Chloromethane	2.04	50	221893	47.590	ug/l	100
4) Vinyl Chloride	2.17	62	251227	56.820	ug/l	99
5) Bromomethane	2.54	94	149882	58.311	ug/l	99
6) Chloroethane	2.68	64	155364	62.521	ug/l	99
7) Trichlorofluoromethane	3.00	101	293488	60.498	ug/l	100
8) Diethyl Ether	3.38	74	83731	55.240	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	140744	57.570	ug/l	99
10) Methyl Iodide	3.92	142	184089	56.879	ug/l	99
11) Tert butyl alcohol	4.75	59	175119	288.700	ug/l	99
12) 1,1-Dichloroethene	3.71	96	132337	55.491	ug/l	95
13) Acrolein	3.58	56	70811	163.882	ug/l	98
14) Allyl chloride	4.29	41	279309	57.051	ug/l	99
15) Acrylonitrile	4.95	53	440775	300.412	ug/l	100
16) Acetone	3.78	43	548019	278.981	ug/l	99
17) Carbon Disulfide	4.02	76	415202	50.920	ug/l	99
18) Methyl Acetate	4.29	43	236751	57.517	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	502936	59.728	ug/l	99
20) Methylene Chloride	4.52	84	159411	56.190	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	149425	56.204	ug/l	99
22) Diisopropyl ether	5.92	45	556745	61.684	ug/l	98
23) Vinyl Acetate	5.86	43	2377857	335.707	ug/l	99
24) 1,1-Dichloroethane	5.81	63	305871	59.825	ug/l	99
25) 2-Butanone	6.80	43	703397	299.446	ug/l	100
26) 2,2-Dichloropropane	6.79	77	278059	59.839	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	177149	60.132	ug/l	99
28) Bromochloromethane	7.17	49	113932	53.002	ug/l	98
29) Tetrahydrofuran	7.18	42	424989	296.944	ug/l	99
30) Chloroform	7.35	83	299312	59.474	ug/l	99
31) Cyclohexane	7.63	56	274037	56.725	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	261851	57.712	ug/l	99
36) 1,1-Dichloropropene	7.77	75	230962	60.564	ug/l	98
37) Ethyl Acetate	6.90	43	265691	59.944	ug/l	100
38) Carbon Tetrachloride	7.75	117	229813	58.075	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	264906	61.241	ug/l	99
40) Benzene	8.02	78	664002	59.581	ug/l	99
41) Methacrylonitrile	7.15	41	115952m	63.389	ug/l	
42) 1,2-Dichloroethane	8.10	62	254827	59.707	ug/l	100
43) Isopropyl Acetate	8.14	43	422890	61.368	ug/l #	91
44) Trichloroethene	8.82	130	173131	59.309	ug/l	98
45) 1,2-Dichloropropane	9.10	63	183427	60.950	ug/l	99
46) Dibromomethane	9.19	93	116364	59.019	ug/l	99
47) Bromodichloromethane	9.39	83	239726	60.984	ug/l	98
48) Methyl methacrylate	9.18	41	193699	61.954	ug/l	99
49) 1,4-Dioxane	9.18	88	59139	1319.940	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1323695	322.174	ug/l	100
52) Toluene	10.14	92	406967	59.432	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	278598	61.281	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	293031	61.318	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	163721	60.930	ug/l	99
56) Ethyl methacrylate	10.42	69	258088	64.700	ug/l	99
57) 1,3-Dichloropropane	10.70	76	290050	61.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	177324	139.772	ug/l	100
59) 2-Hexanone	10.74	43	1052435	325.012	ug/l	100
60) Dibromochloromethane	10.89	129	184478	62.904	ug/l	99
61) 1,2-Dibromoethane	11.00	107	169952	59.638	ug/l	99
64) Tetrachloroethene	10.62	164	164554	51.962	ug/l	98
65) Chlorobenzene	11.43	112	431168	58.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	164924	59.070	ug/l	100
67) Ethyl Benzene	11.50	91	803607	60.566	ug/l	99
68) m/p-Xylenes	11.62	106	596879	121.824	ug/l	99
69) o-Xylene	11.94	106	284821	61.095	ug/l	99
70) Styrene	11.96	104	465096	62.093	ug/l	99
71) Bromoform	12.12	173	130955	62.396	ug/l #	99
73) Isopropylbenzene	12.25	105	771562	59.245	ug/l	100
74) N-amyl acetate	12.07	43	363247	60.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238453	57.721	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	244993m	59.653	ug/l	
77) Bromobenzene	12.52	156	181033	56.524	ug/l	98
78) n-propylbenzene	12.59	91	929122	60.354	ug/l	99
79) 2-Chlorotoluene	12.67	91	540157	58.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	658013	59.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	98596	59.295	ug/l	100
82) 4-Chlorotoluene	12.77	91	557791	58.522	ug/l	100
83) tert-Butylbenzene	12.99	119	552471	59.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	665448	60.723	ug/l	99
85) sec-Butylbenzene	13.17	105	747281	60.191	ug/l	99
86) p-Isopropyltoluene	13.29	119	679107	60.395	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	333377	56.607	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	331938	55.903	ug/l	99
89) n-Butylbenzene	13.61	91	631881	59.939	ug/l	100
90) Hexachloroethane	13.87	117	128627	60.518	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	325329	56.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57090	50.980	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	201947	53.846	ug/l	99
94) Hexachlorobutadiene	15.01	225	107397	55.133	ug/l	98
95) Naphthalene	15.12	128	584434	52.199	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	194422	51.255	ug/l	99

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

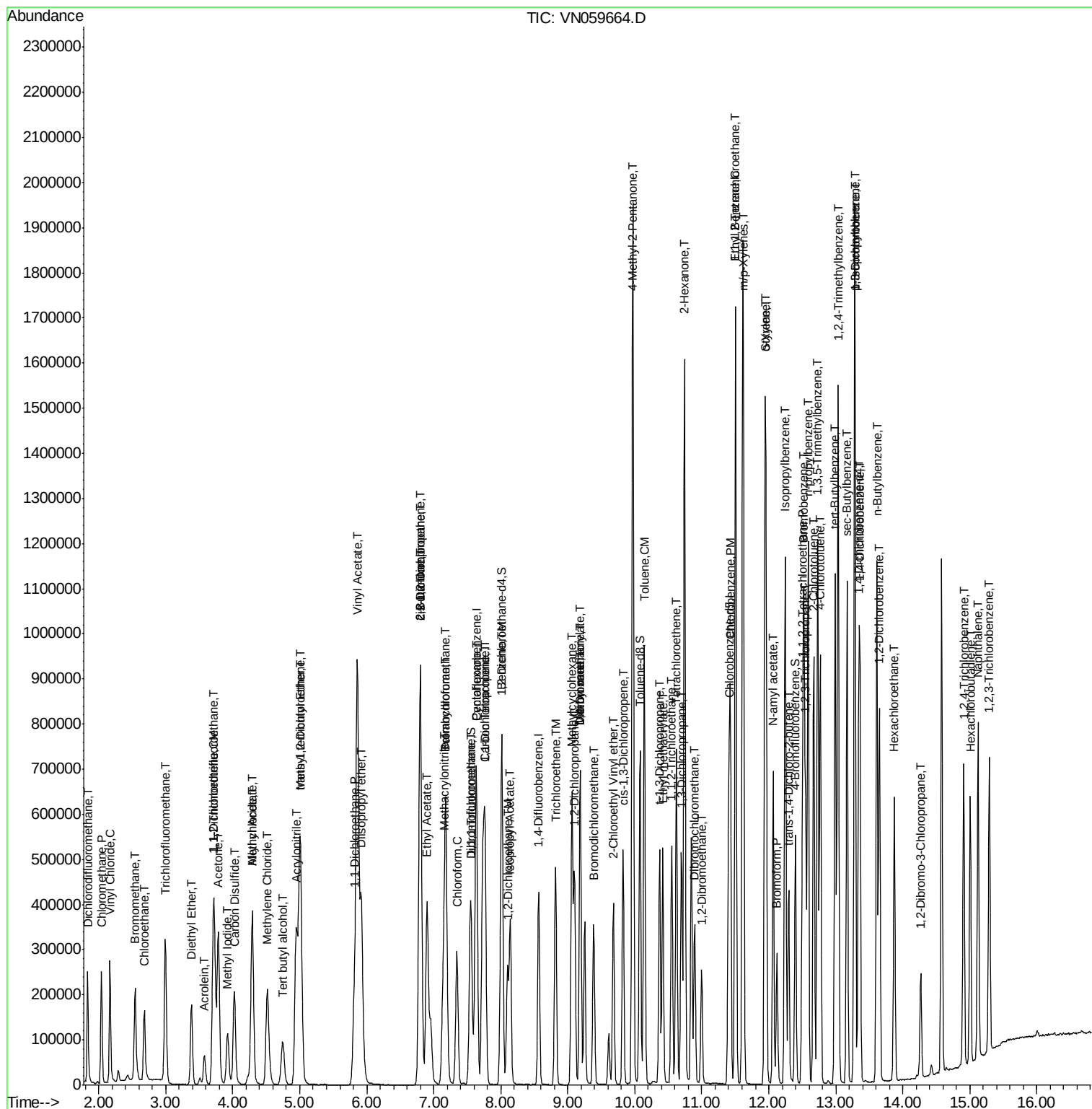
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Data File : VN059664.D
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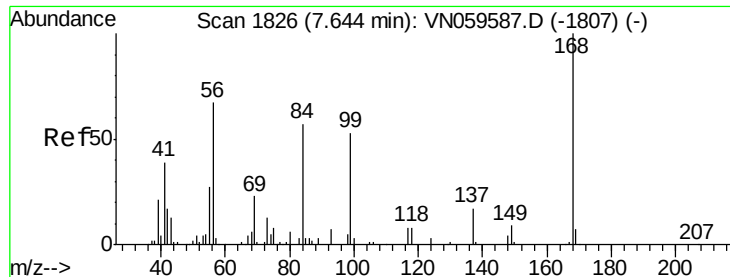
Instrument :
MSVOA_N
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 227374

Ion Ratio Lower Upper

168 100

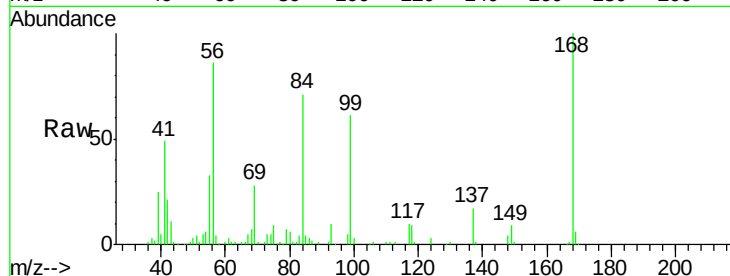
99 60.7 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

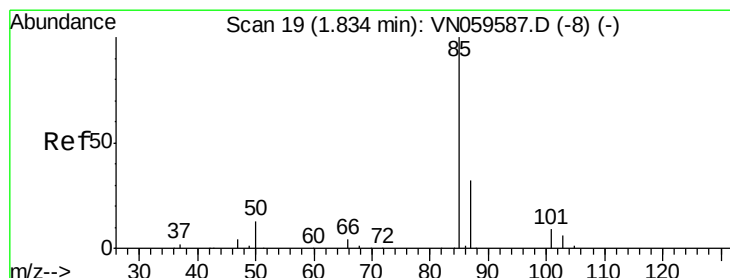
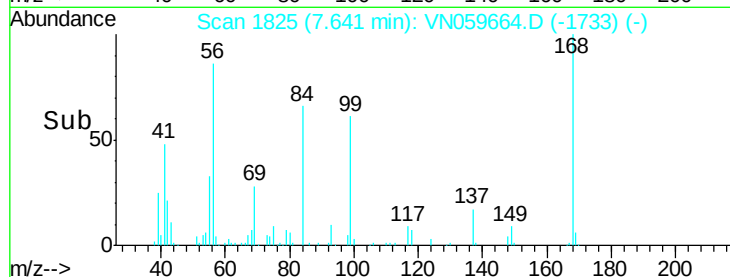
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 64.893 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059664.D

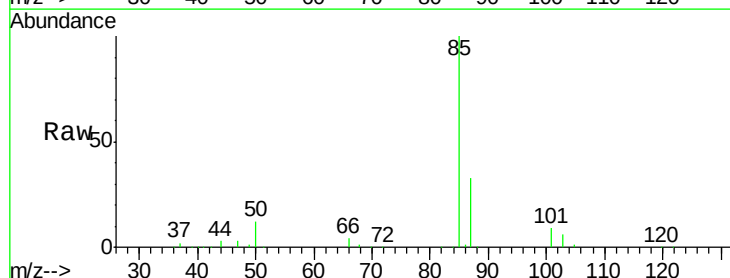
Acq: 19 Dec 2019 11:46

Tgt Ion: 85 Resp: 190664

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

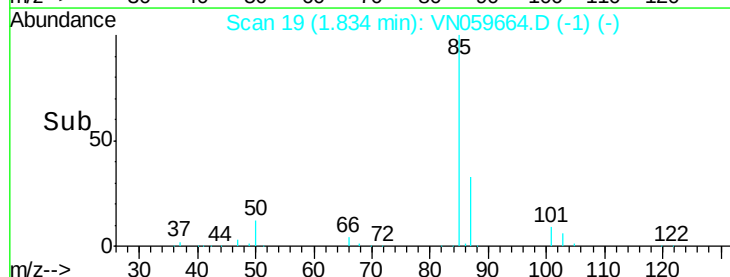
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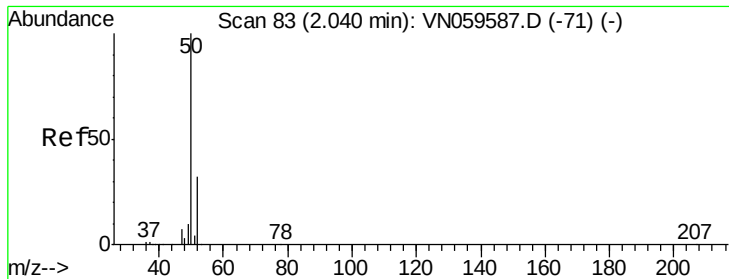
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.590 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 221893

Ion Ratio Lower Upper

50 100

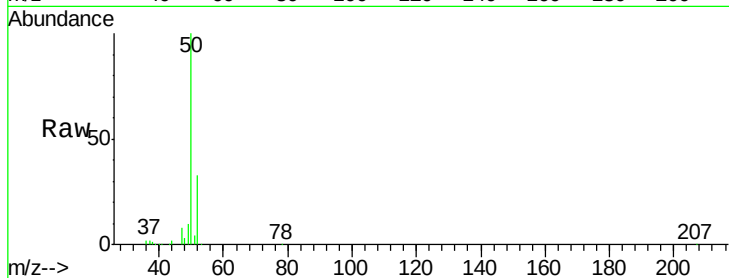
52 32.6 25.9 38.9

Manual Integrations

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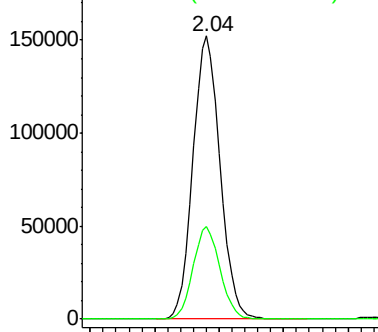
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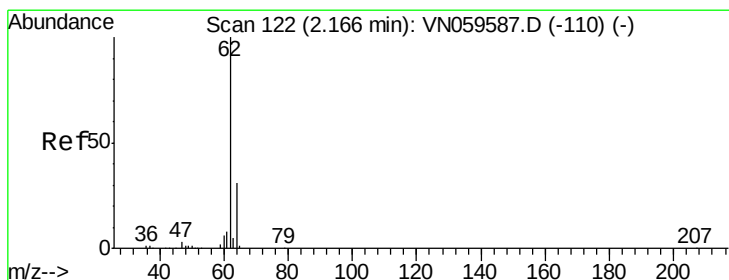
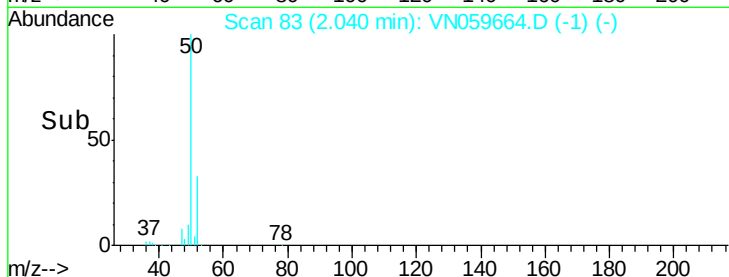


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 56.820 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059664.D

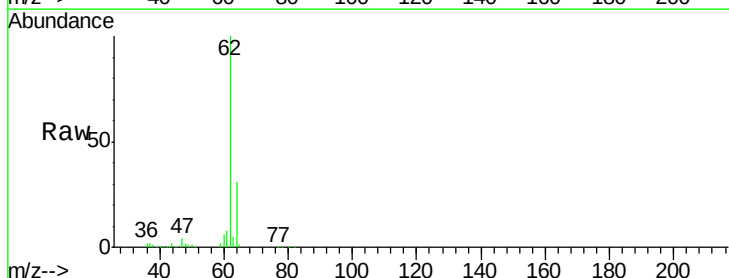
Acq: 19 Dec 2019 11:46

Tgt Ion: 62 Resp: 251227

Ion Ratio Lower Upper

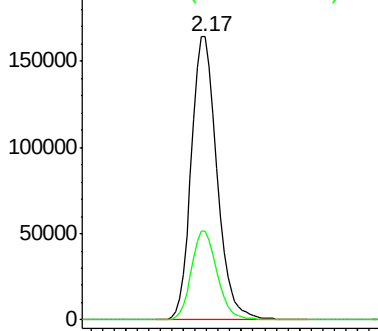
62 100

64 31.5 24.6 37.0

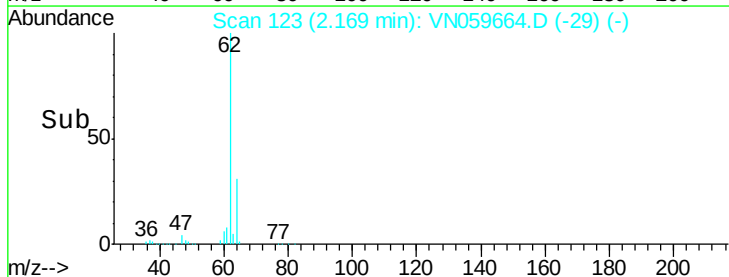


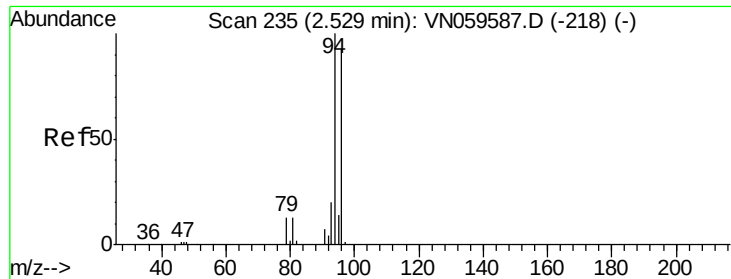
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 58.311 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

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Tot Ion: 94 Resp: 149882

Ion Ratio Lower Upper

94 100

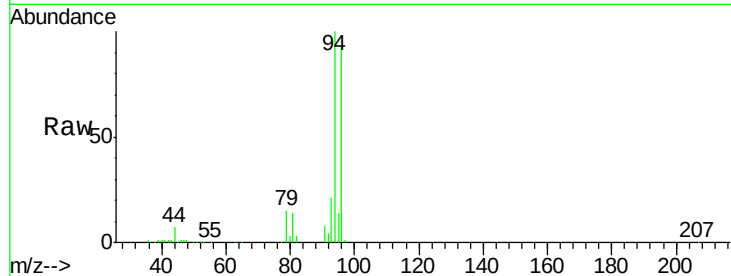
96 92.7 74.7 112.1

Manual Integrations

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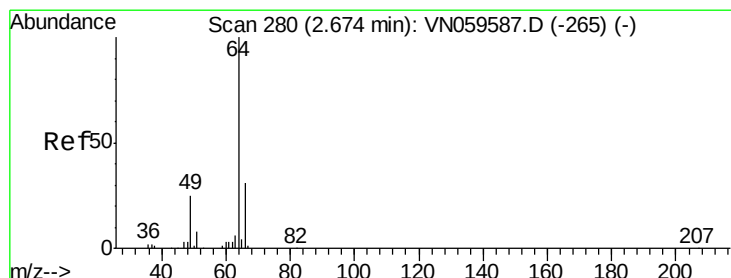
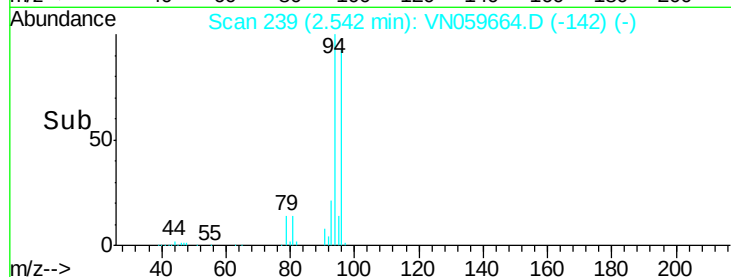
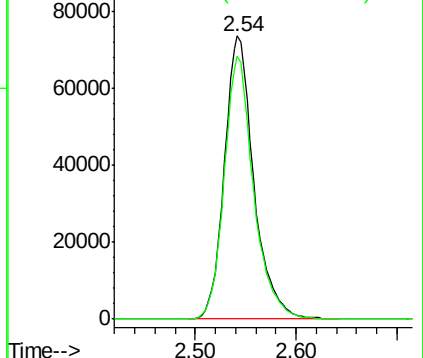
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 62.521 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059664.D

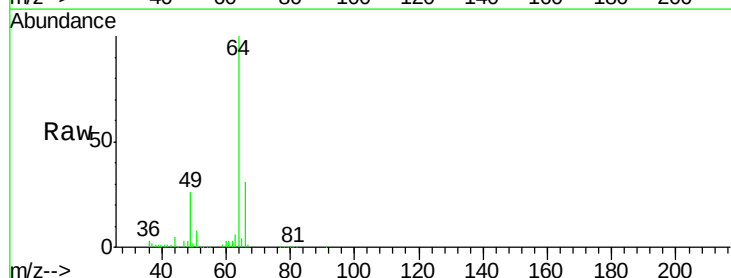
Acq: 19 Dec 2019 11:46

Tgt Ion: 64 Resp: 155364

Ion Ratio Lower Upper

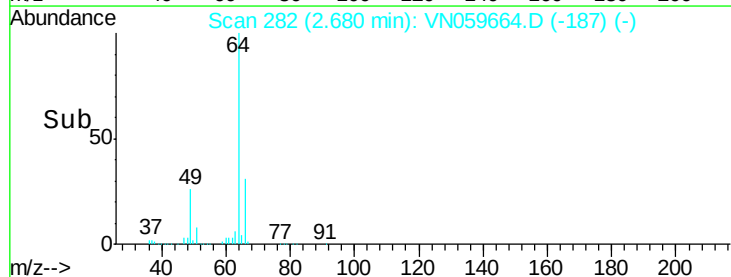
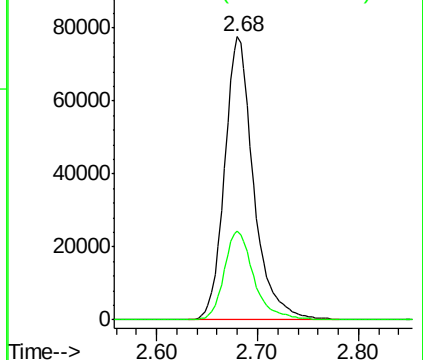
64 100

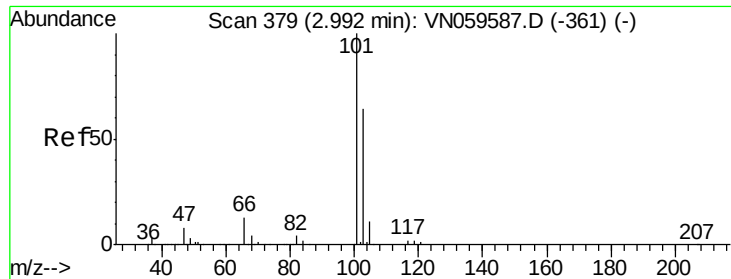
66 31.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

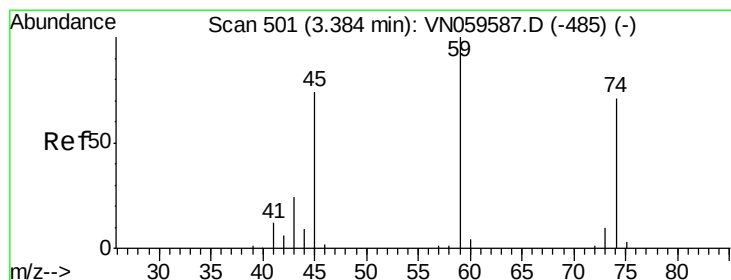
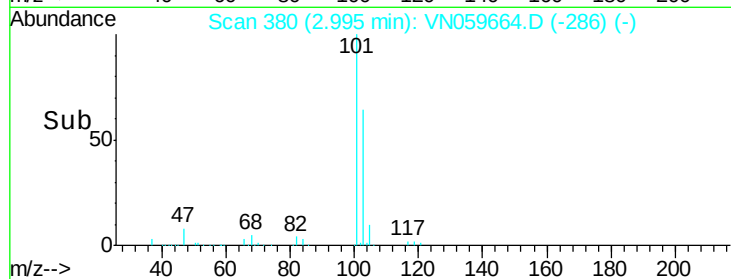
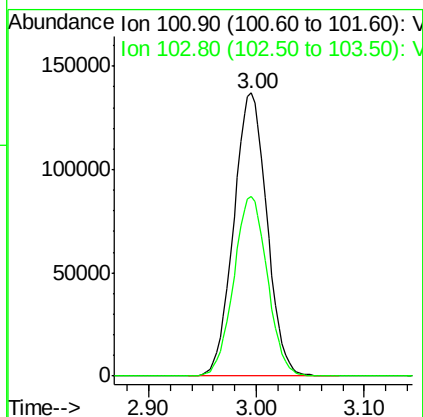
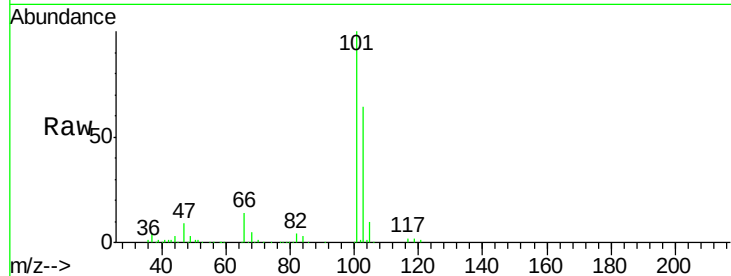
Trichlorofluoromethane
Concen: 60.498 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		293488		
103	63.7	51.0	76.6		

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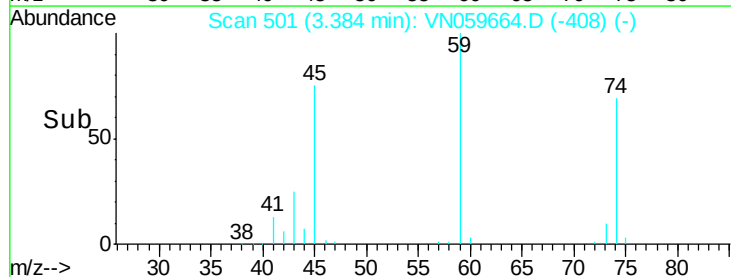
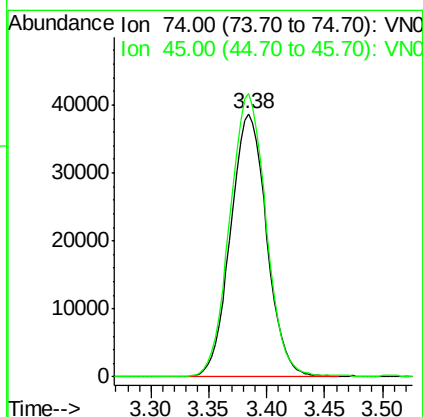
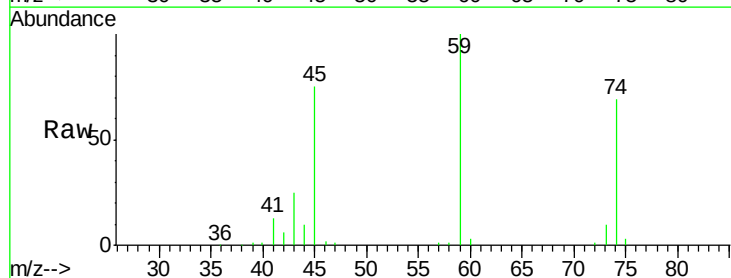
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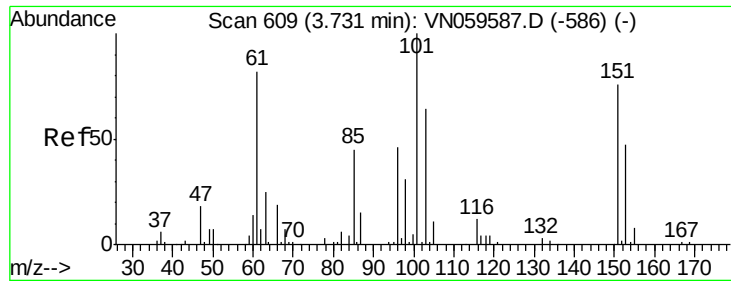


#8

Diethyl Ether
Concen: 55.240 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		83731		
45	108.8	51.9	155.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.570 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

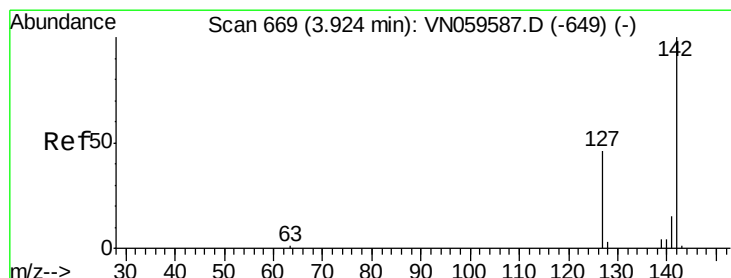
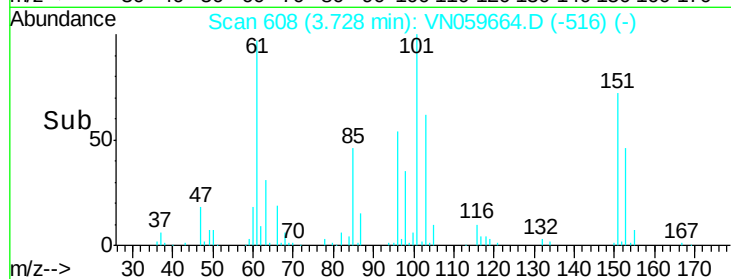
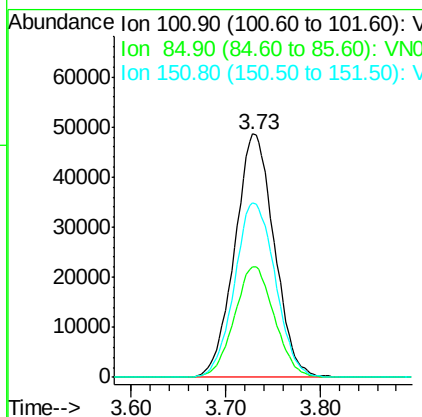
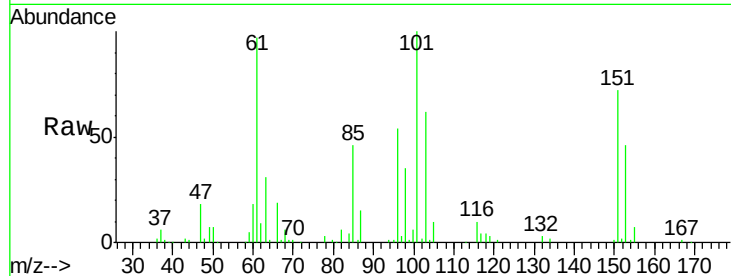
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140744
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.6	54.8
151	74.1	59.7	89.5

Manual Integrations
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#10

Methyl Iodide

Concen: 56.879 ug/l

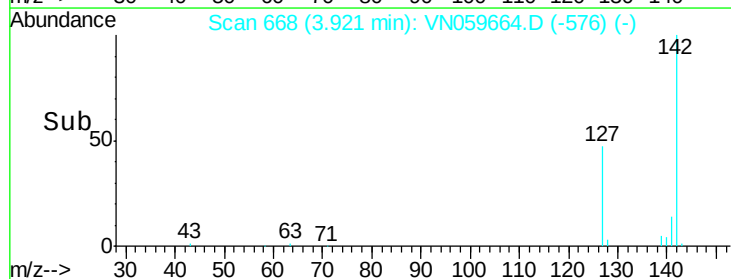
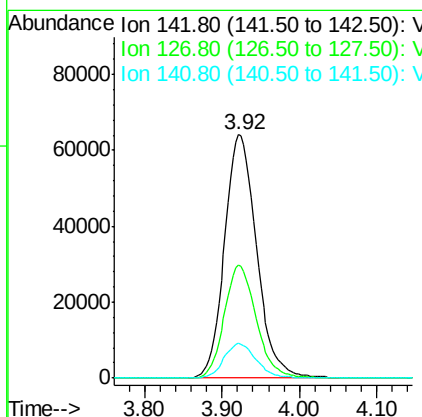
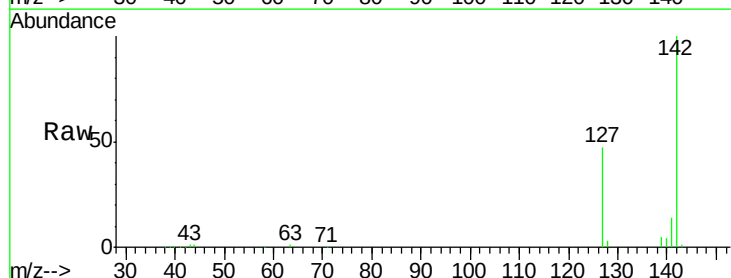
RT: 3.92 min Scan# 668

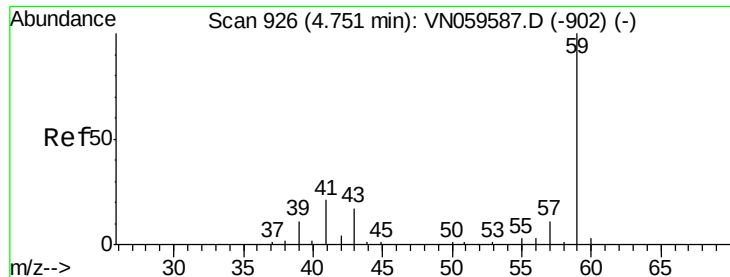
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	142	Resp:	184089
Ion Ratio	Lower	Upper	
142	100		
127	46.5	36.7	55.1
141	14.3	11.7	17.5





#11

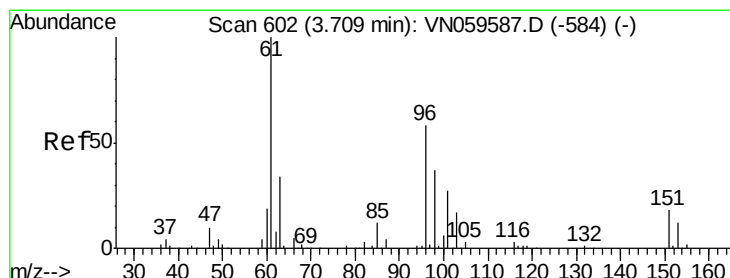
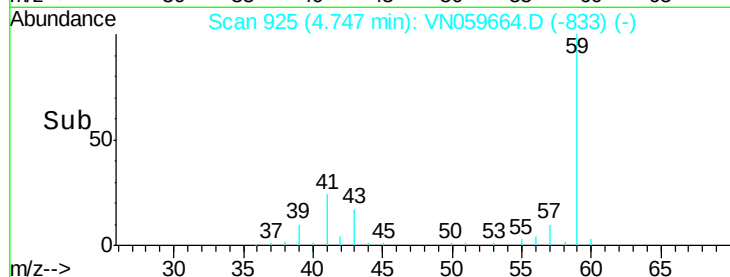
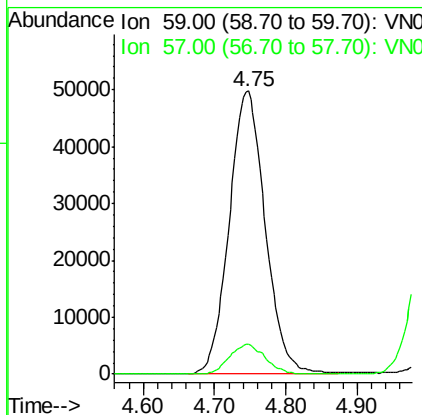
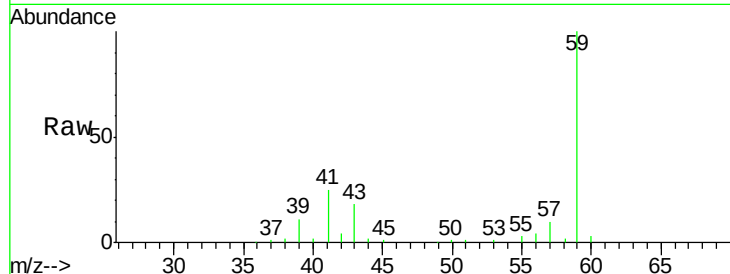
Tert butyl alcohol
Concen: 288.700 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

Manual Integrations
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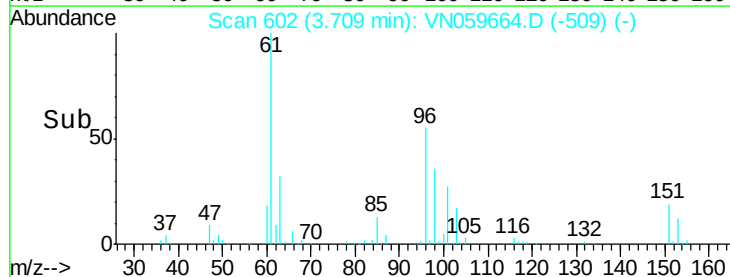
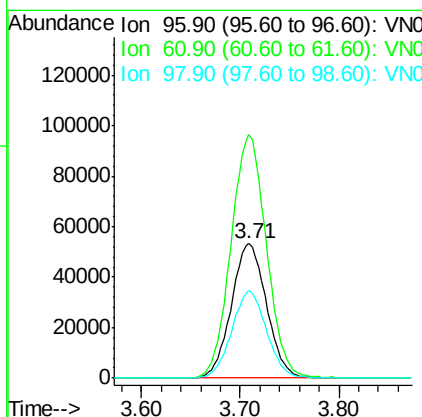
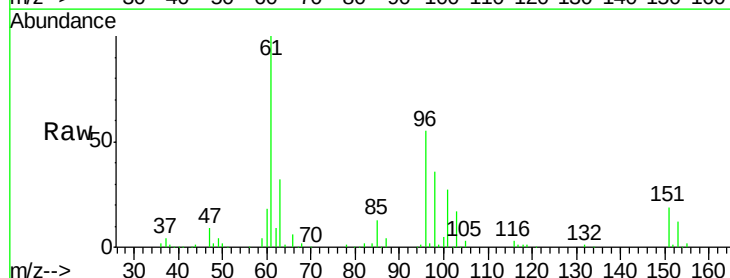
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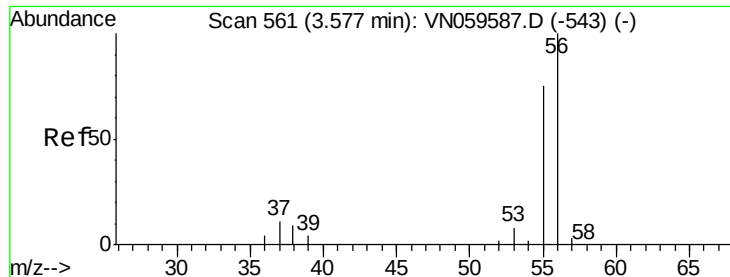


#12

1,1-Dichloroethene
Concen: 55.491 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.8	137.5	206.3
98	64.6	50.2	75.4





#13

Acrolein

Concen: 163.882 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70811

Ion Ratio Lower Upper

56 100

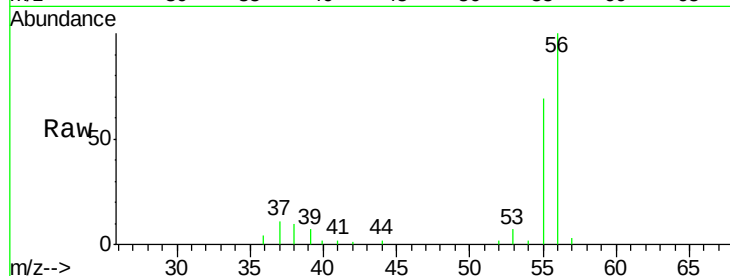
55 71.7 58.6 88.0

Manual Integrations

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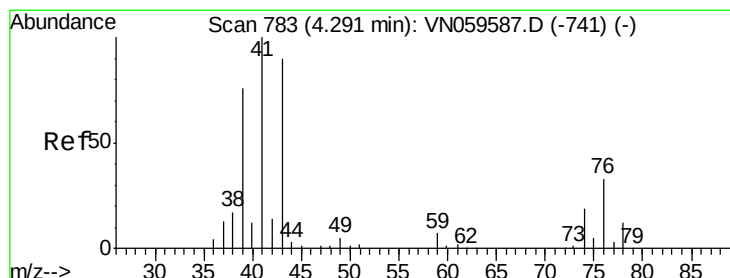
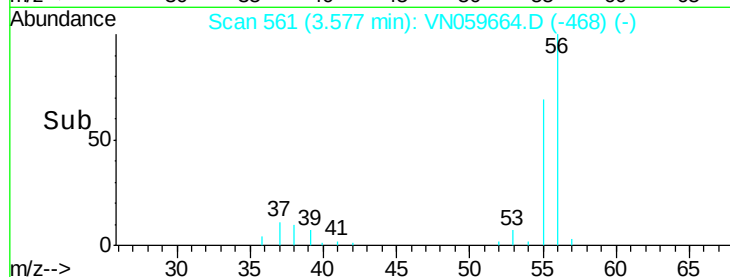
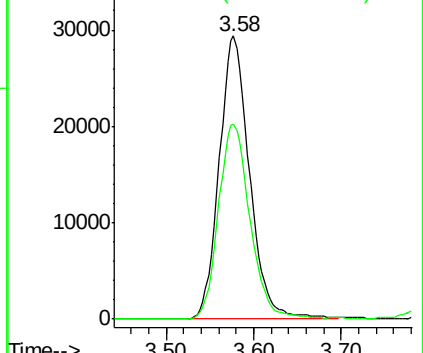
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 57.051 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

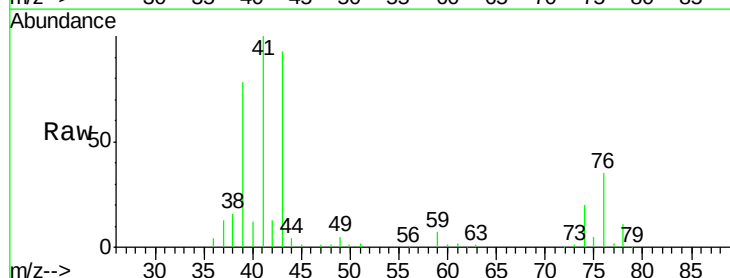
Tgt Ion: 41 Resp: 279309

Ion Ratio Lower Upper

41 100

39 71.6 57.8 86.8

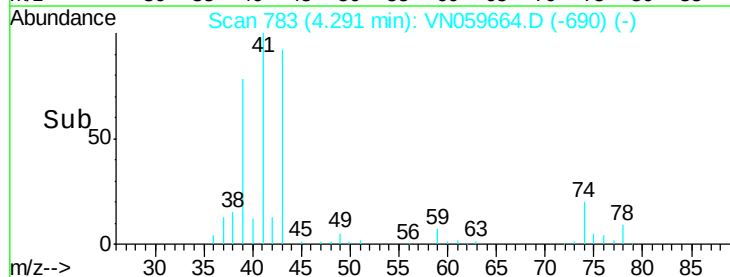
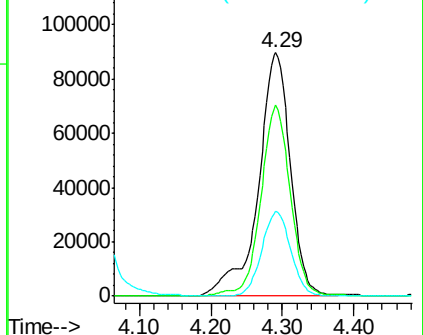
76 31.5 25.4 38.0

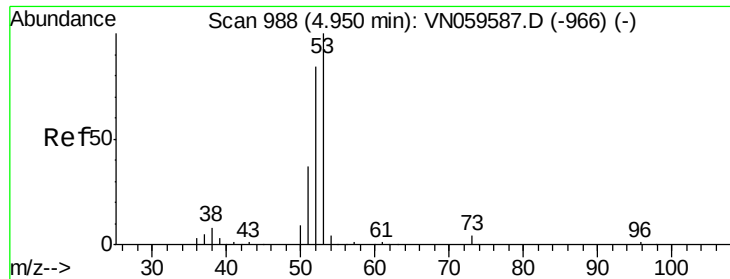


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 300.412 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

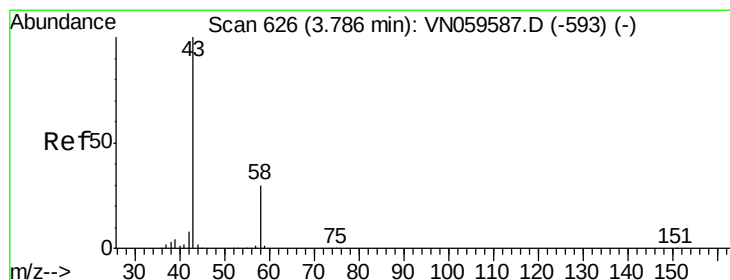
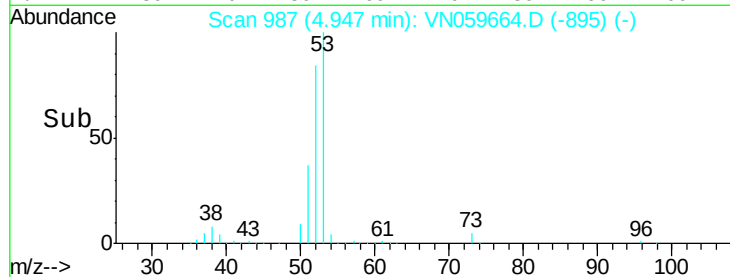
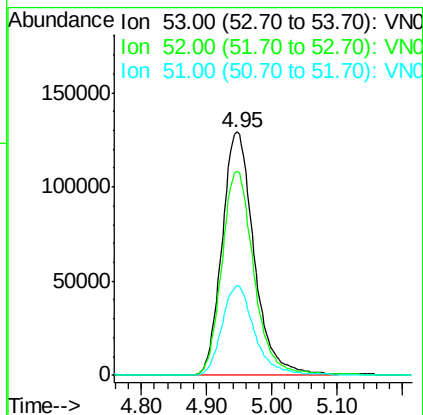
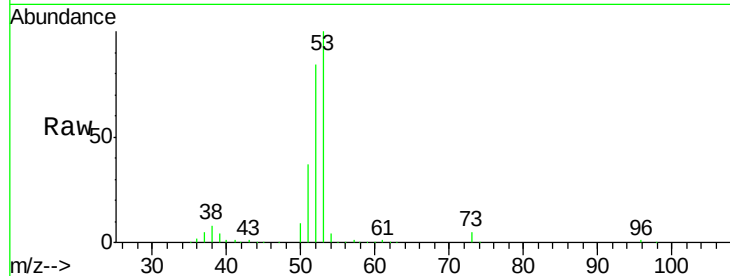
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	440775
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.3	99.5
51	37.4	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 278.981 ug/l

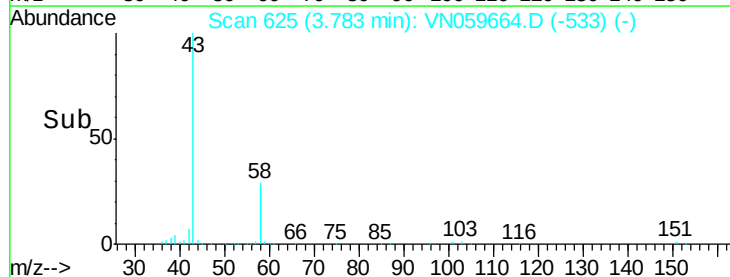
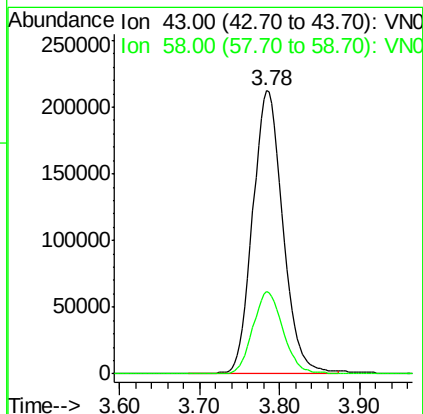
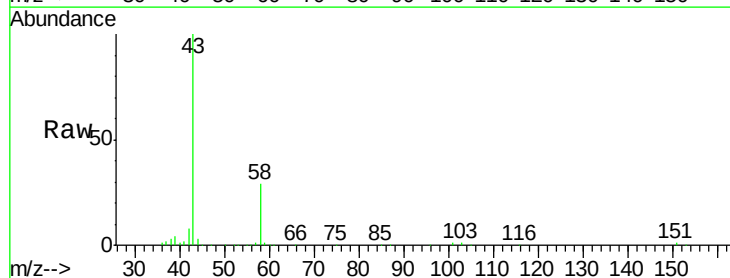
RT: 3.78 min Scan# 625

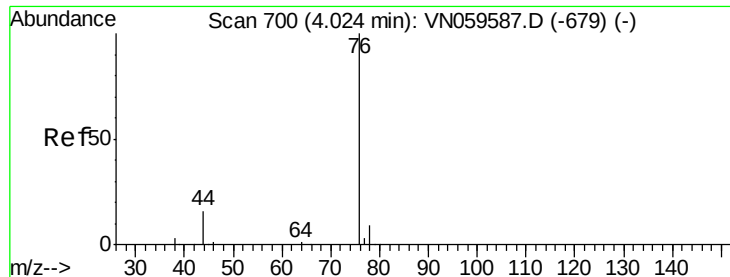
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	43	Resp:	548019
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.6	35.4





#17

Carbon Disulfide

Concen: 50.920 ug/l

RT: 4.02 min Scan# 700

Delta R.T. 0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 415202

Ion Ratio Lower Upper

76 100

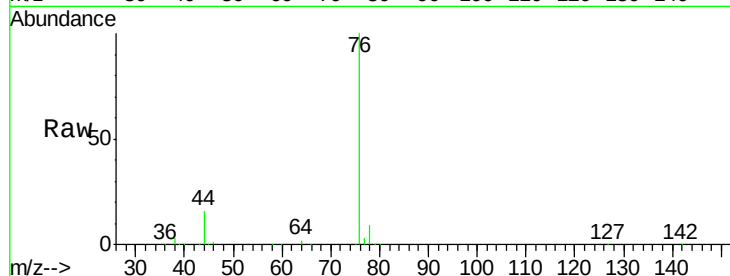
78 9.0 7.4 11.0

Manual Integrations

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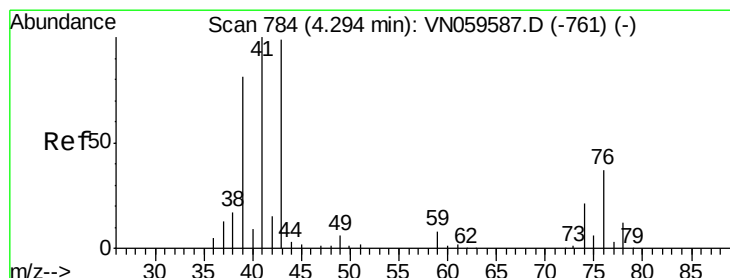
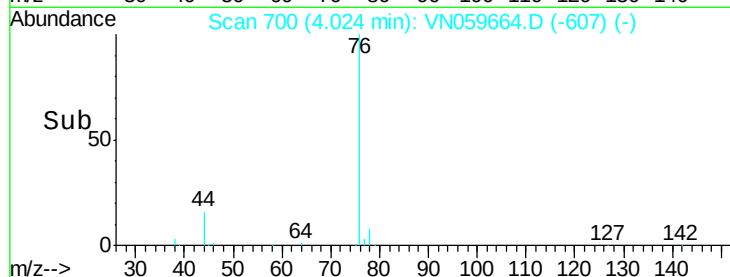
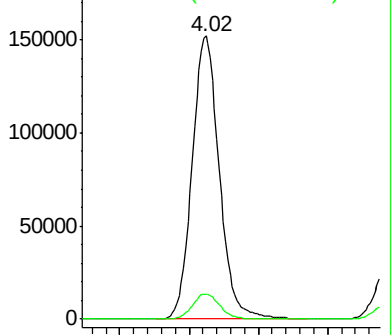
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 57.517 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059664.D

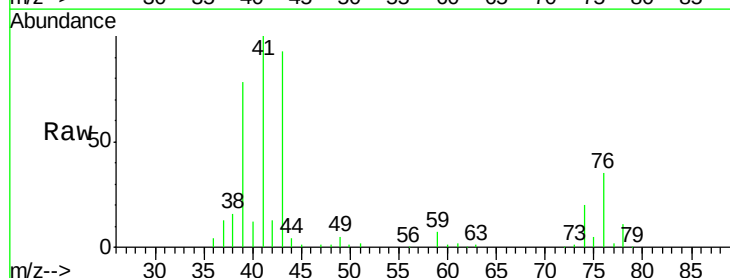
Acq: 19 Dec 2019 11:46

Tgt Ion: 43 Resp: 236751

Ion Ratio Lower Upper

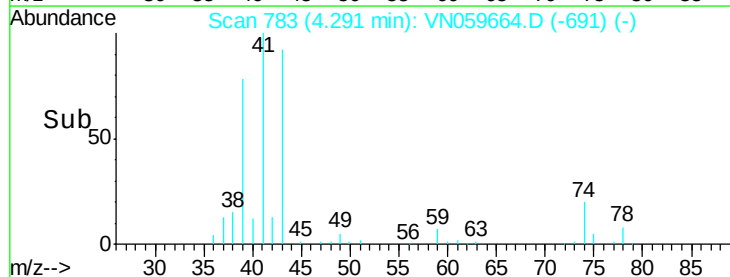
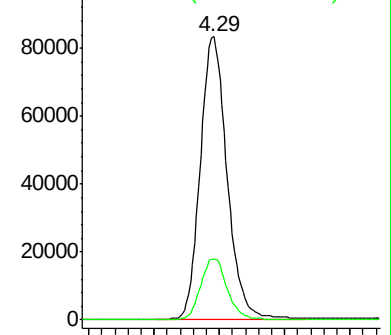
43 100

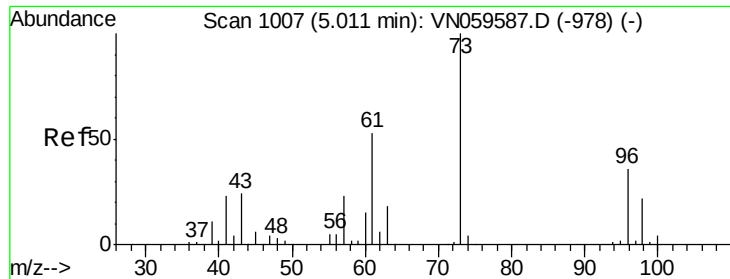
74 21.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





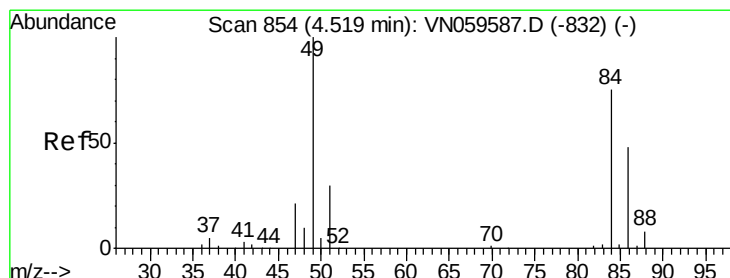
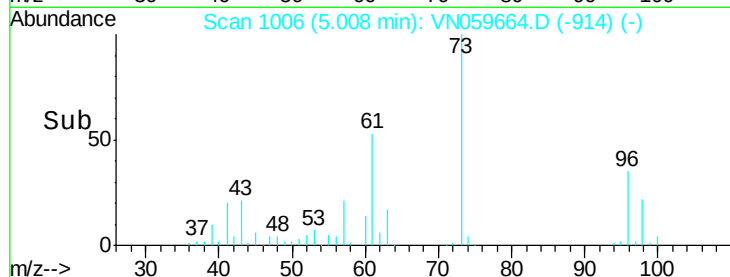
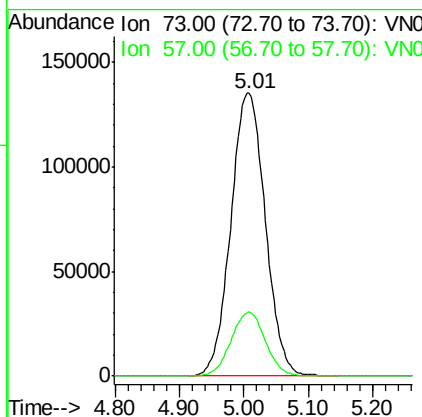
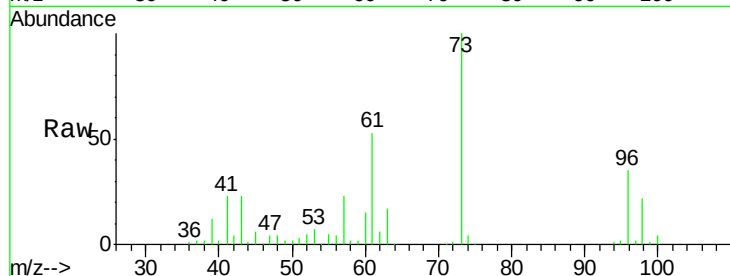
#19
Methyl tert-butyl Ether
Concen: 59.728 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 502936
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8

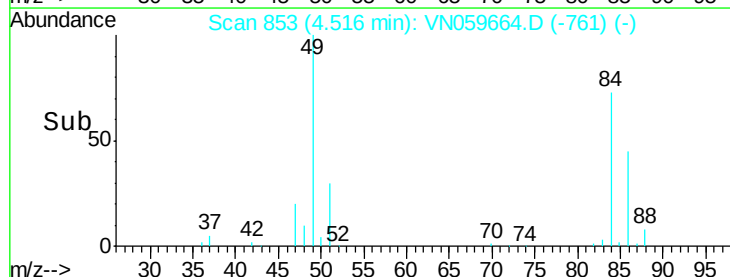
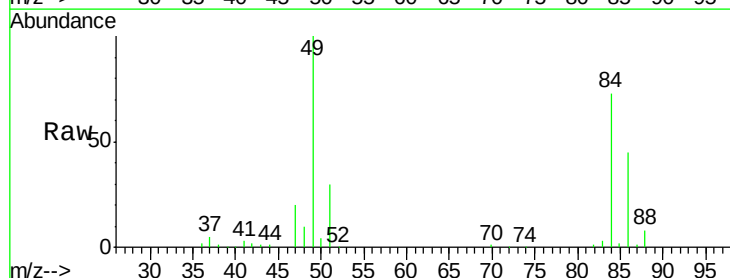
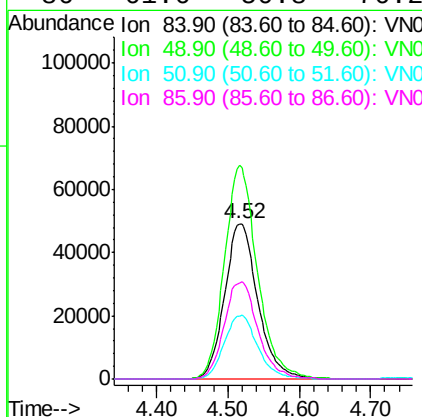
Manual Integrations
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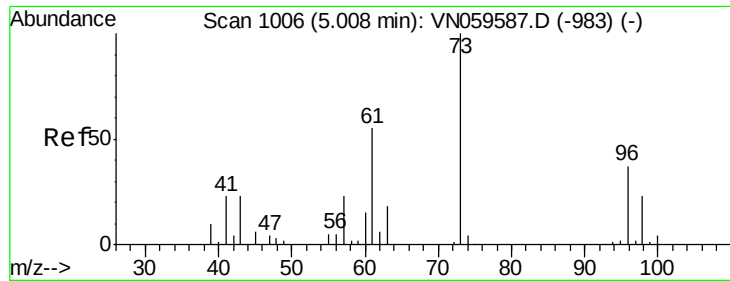
apatel
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#20
Methylene Chloride
Concen: 56.190 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 84 Resp: 159411
Ion Ratio Lower Upper
84 100
49 137.3 106.6 160.0
51 40.6 31.9 47.9
86 61.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 56.204 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 149425

Ion Ratio Lower Upper

96 100

61 151.8 120.4 180.6

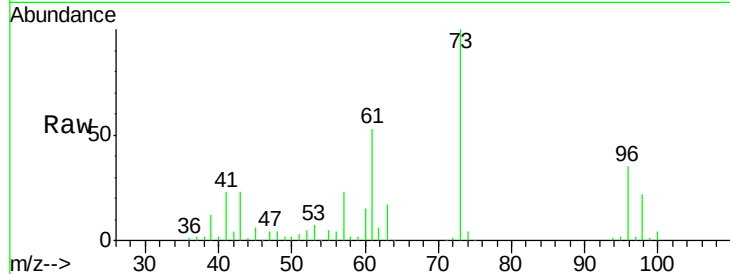
98 62.6 50.6 75.8

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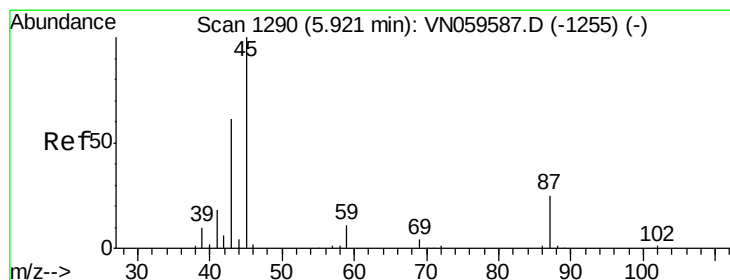
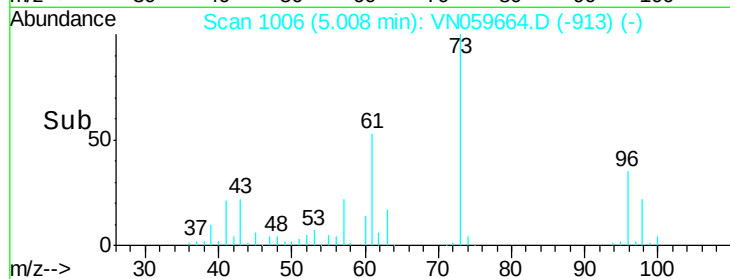
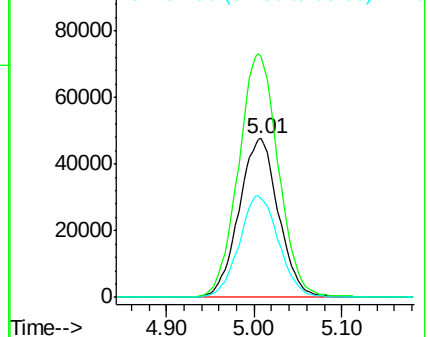


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 61.684 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion: 45 Resp: 556745

Ion Ratio Lower Upper

45 100

43 62.3 50.8 76.2

87 25.2 21.0 31.6

59 11.2 9.1 13.7

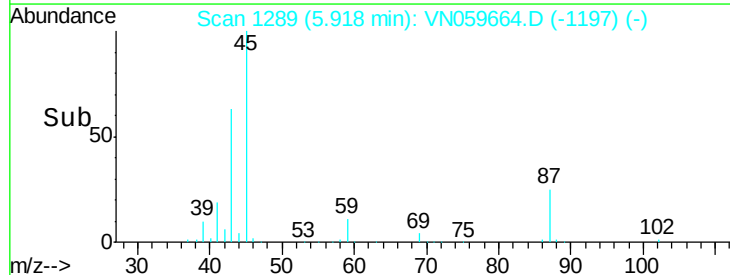
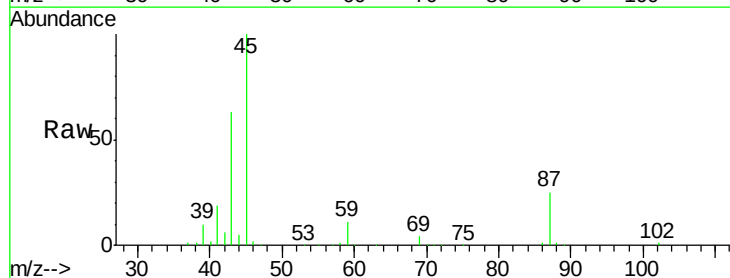
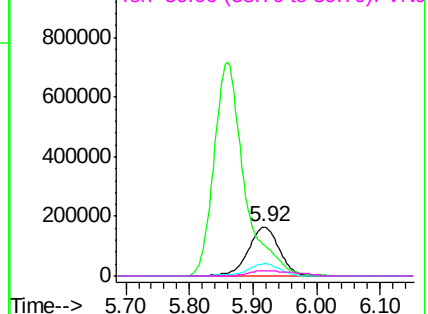
Abundance

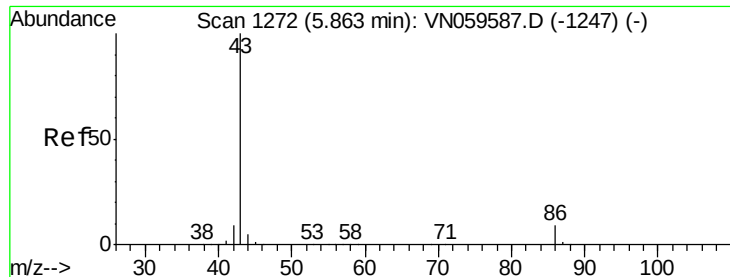
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





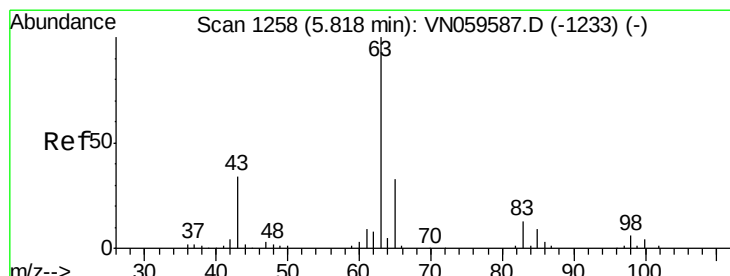
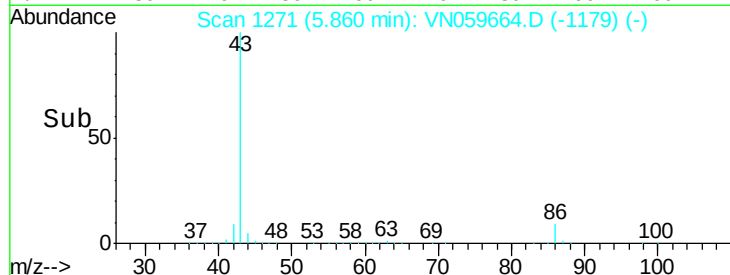
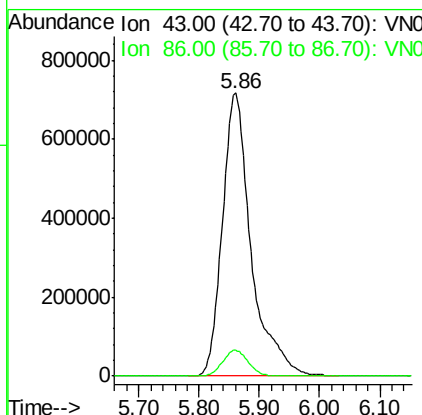
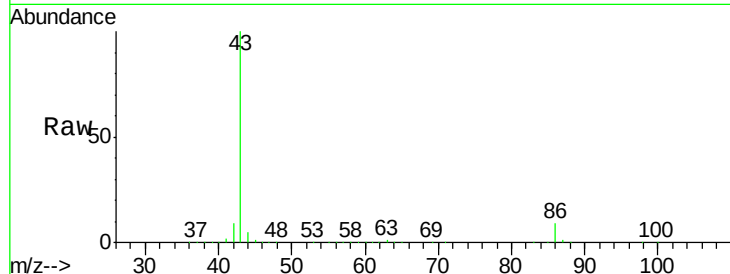
#23
 Vinyl Acetate
 Concen: 335.707 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2377857
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4

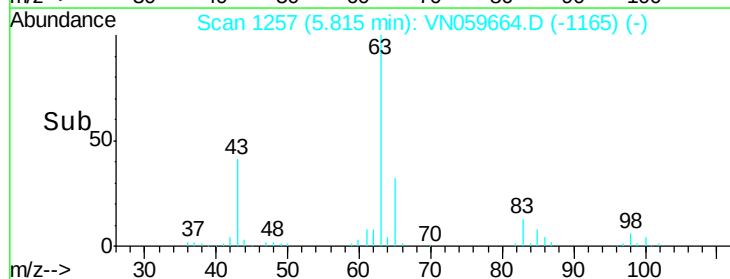
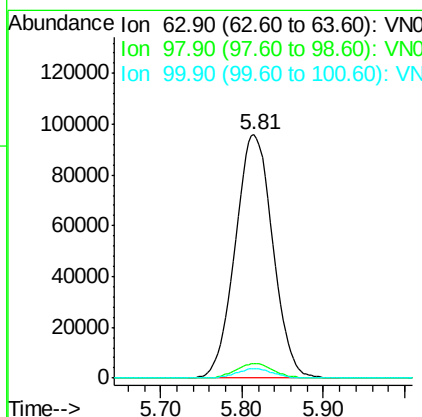
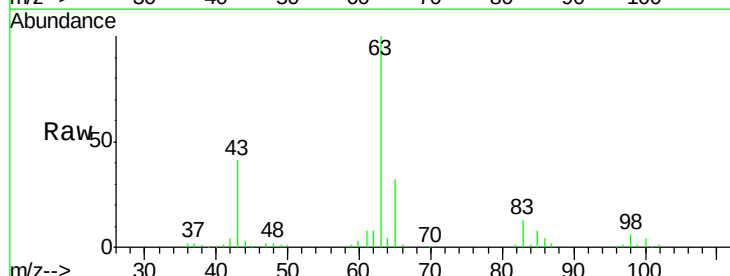
Manual Integrations
 APPROVED

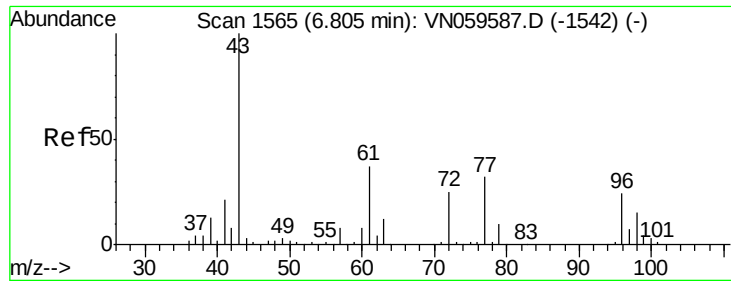
apatel
 12/20/2019 9:20:19 AM



#24
 1,1-Dichloroethane
 Concen: 59.825 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 63 Resp: 305871
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 299.446 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 703397

Ion Ratio Lower Upper

43 100

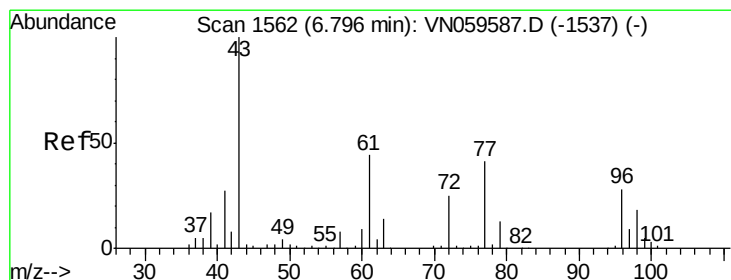
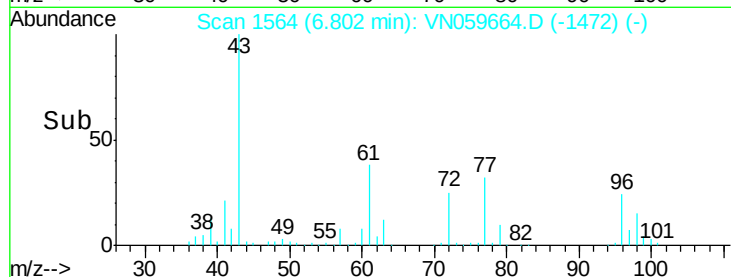
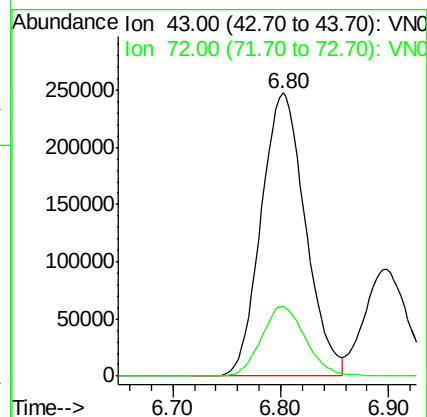
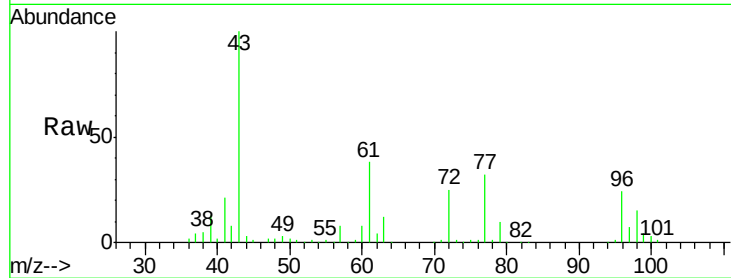
72 24.7 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 59.839 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059664.D

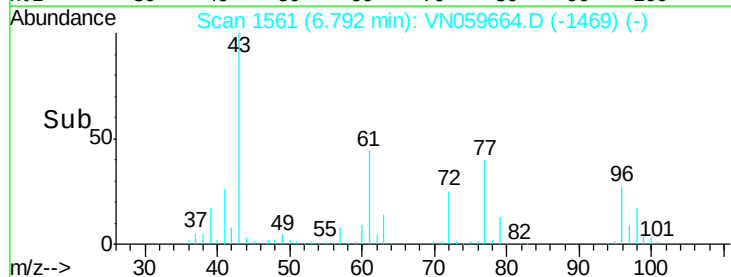
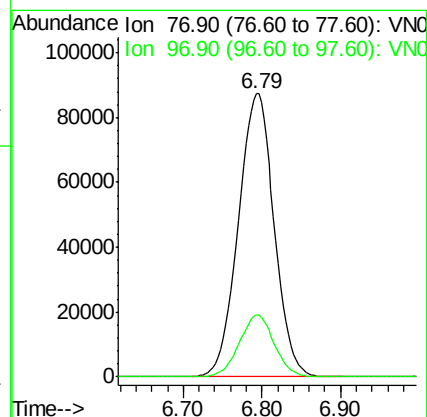
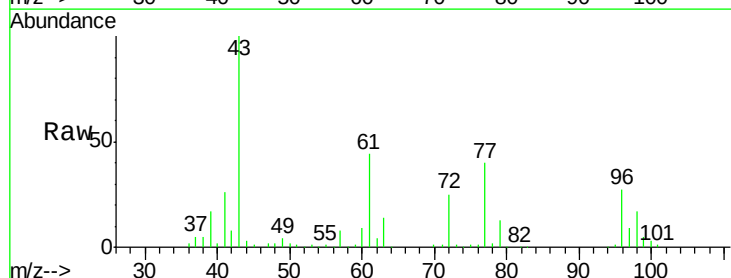
Acq: 19 Dec 2019 11:46

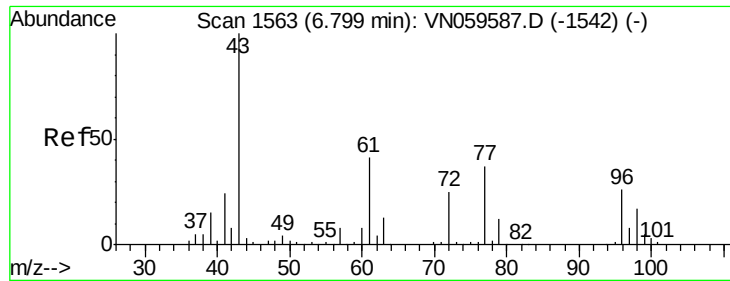
Tgt Ion: 77 Resp: 278059

Ion Ratio Lower Upper

77 100

97 21.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 60.132 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 177149

Ion Ratio Lower Upper

96 100

61 160.6 0.0 317.6

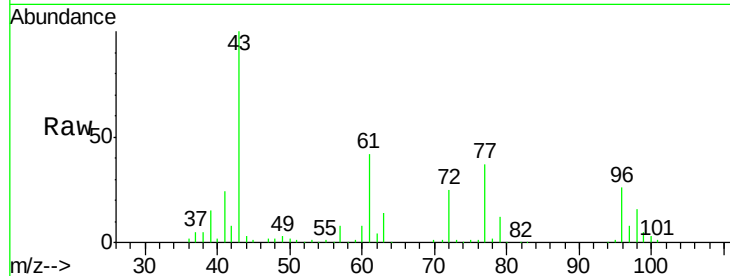
98 64.2 0.0 127.0

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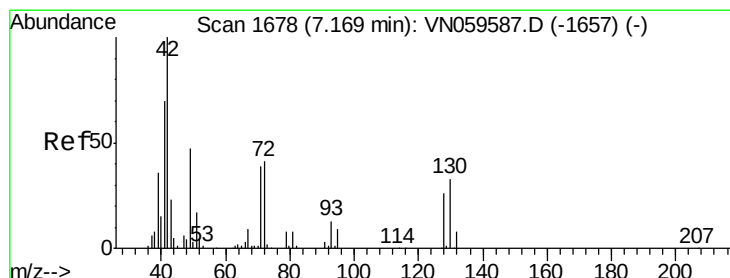
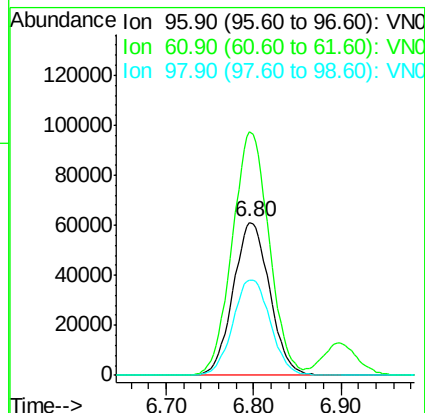
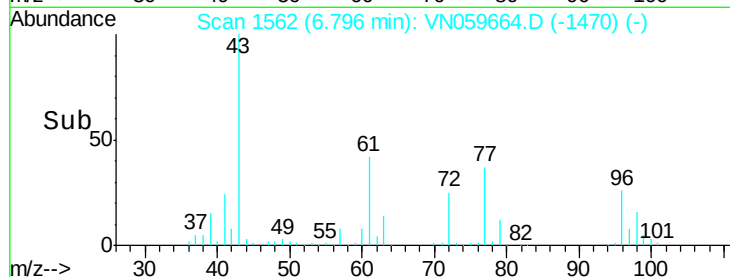


Abundance Ion 95.90 (95.60 to 96.60): VN059587.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059587.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059587.D (-1542) (-)

Time-->



#28

Bromochloromethane

Concen: 53.002 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

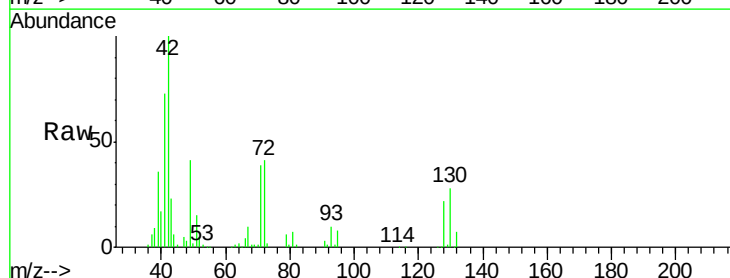
Tgt Ion: 49 Resp: 113932

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 67.1 54.7 82.1

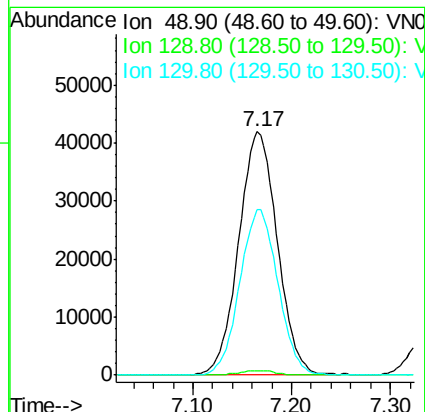
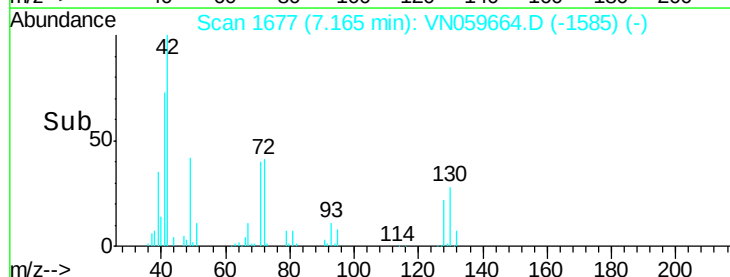


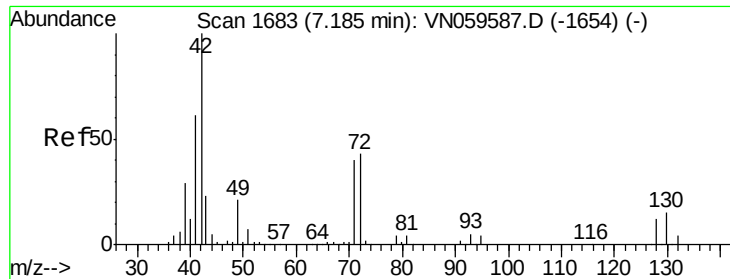
Abundance Ion 48.90 (48.60 to 49.60): VN059587.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059587.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059587.D (-1657) (-)

Time-->





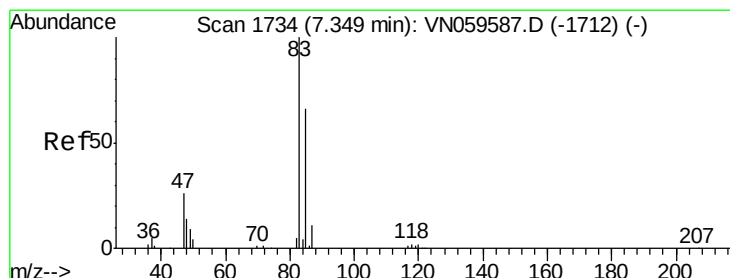
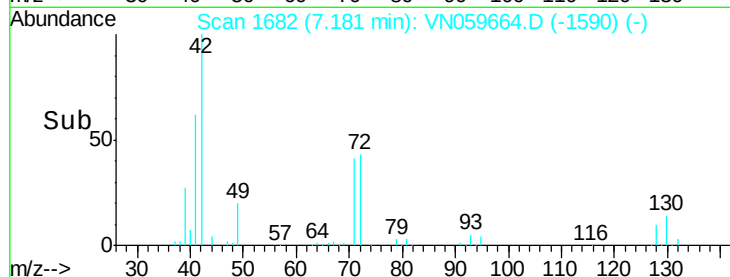
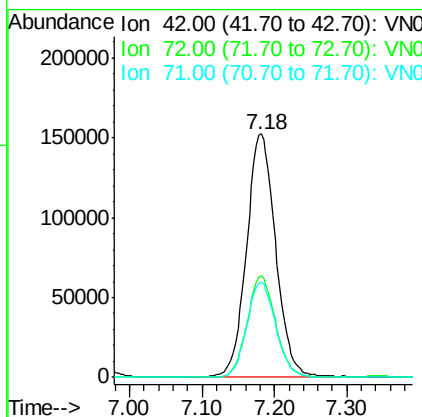
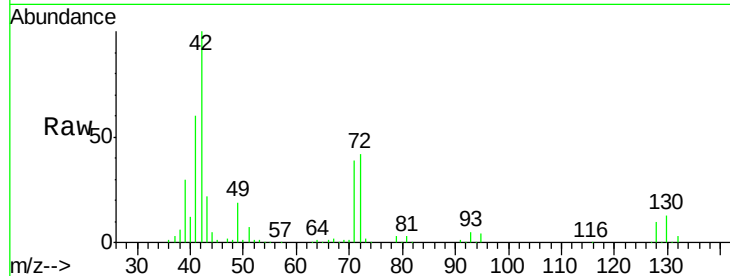
#29
Tetrahydrofuran
Concen: 296.944 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.1	49.7
71	38.6	31.4	47.0

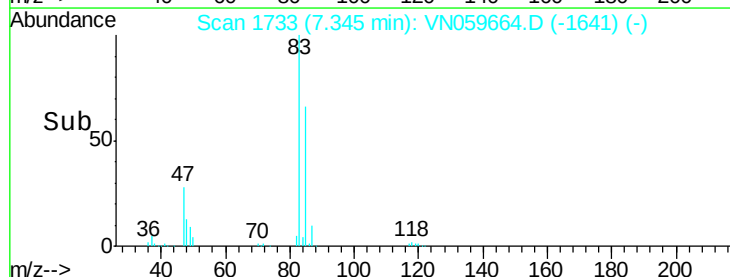
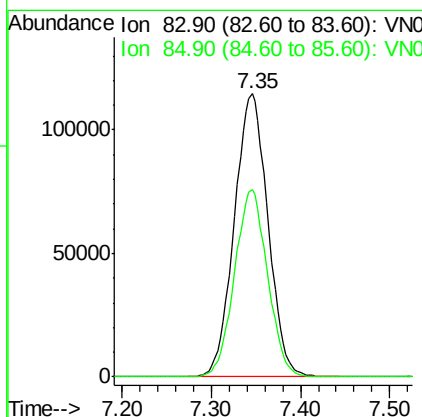
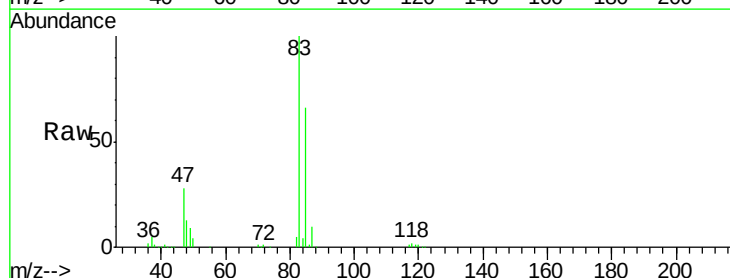
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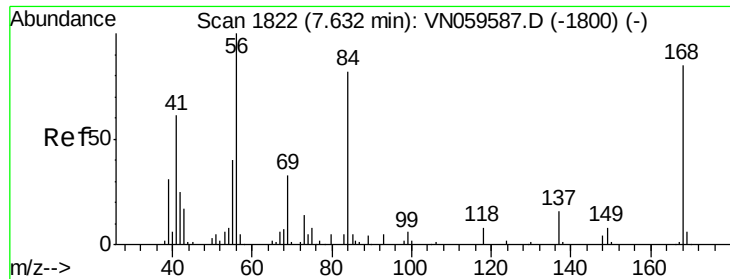
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#30
Chloroform
Concen: 59.474 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.4	78.6





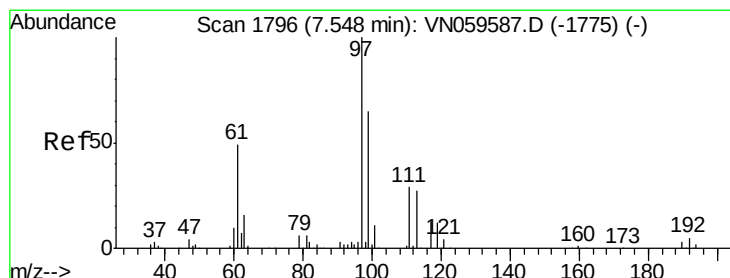
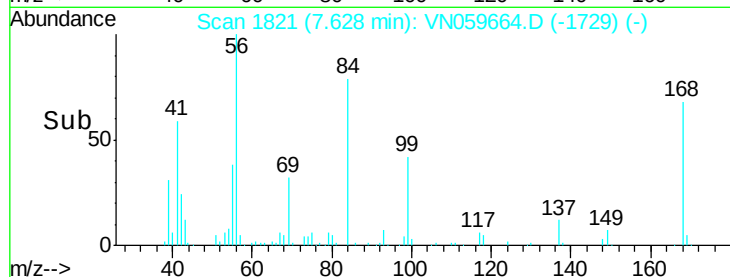
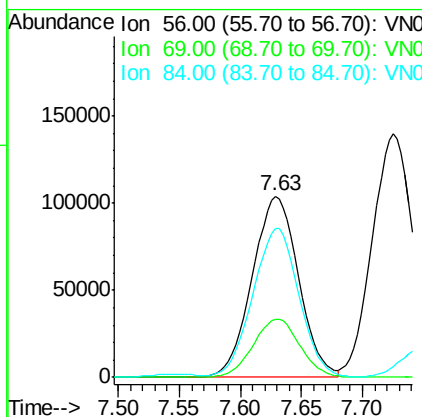
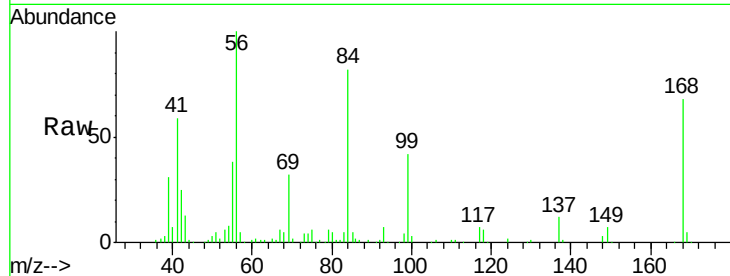
#31
Cyclohexane
Concen: 56.725 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	274037		
69	32.1	26.5	39.7	
84	80.9	65.3	97.9	

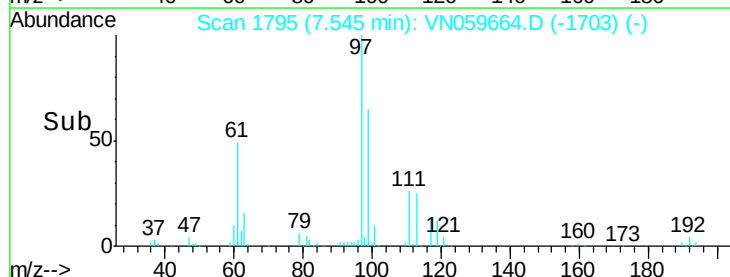
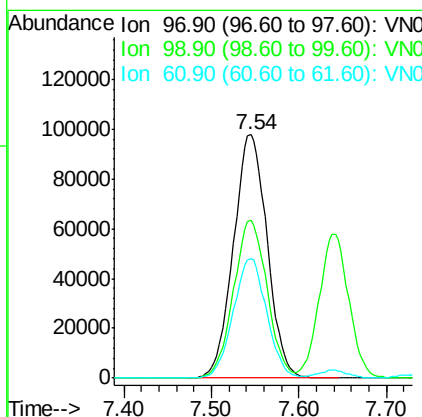
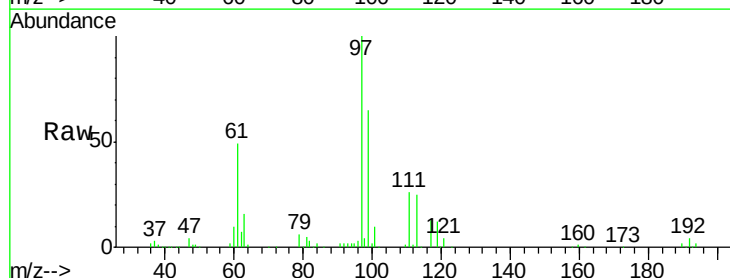
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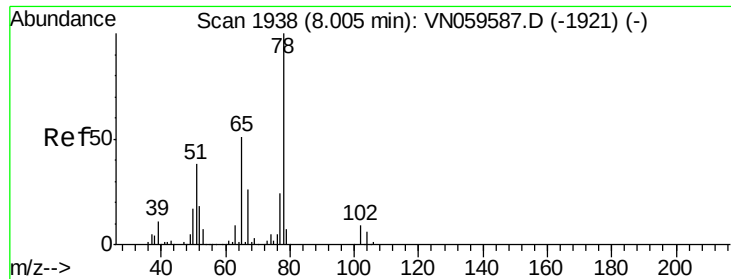
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#32
1,1,1-Trichloroethane
Concen: 57.712 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	261851		
99	64.8	51.0	76.4	
61	48.8	38.5	57.7	





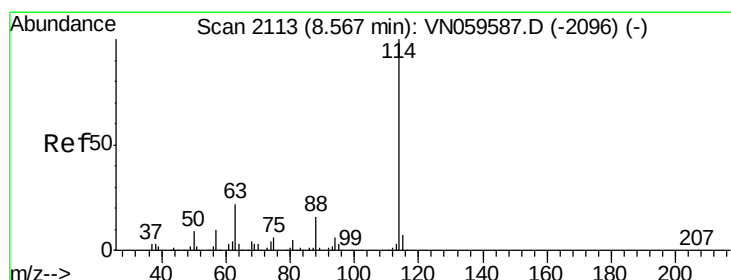
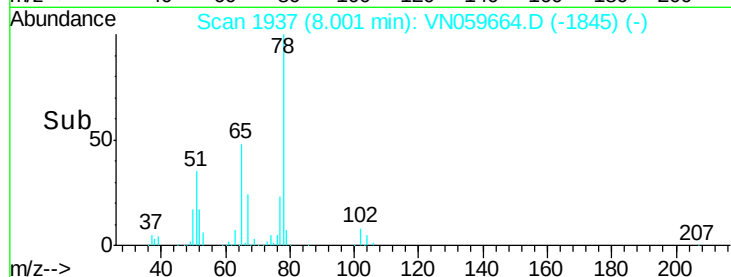
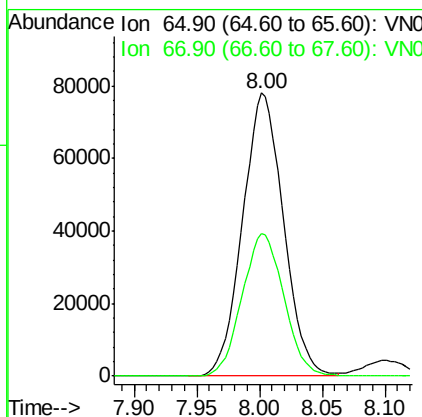
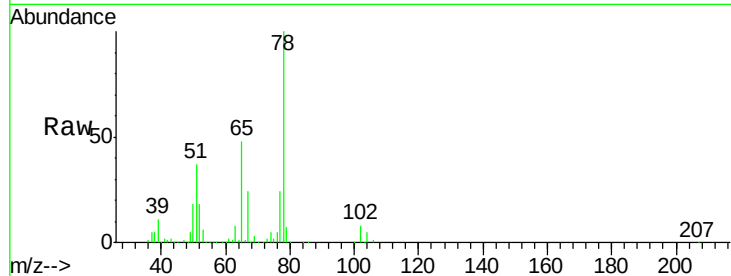
#33
 1,2-Dichloroethane-d4
 Concen: 53.599 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 177340
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0

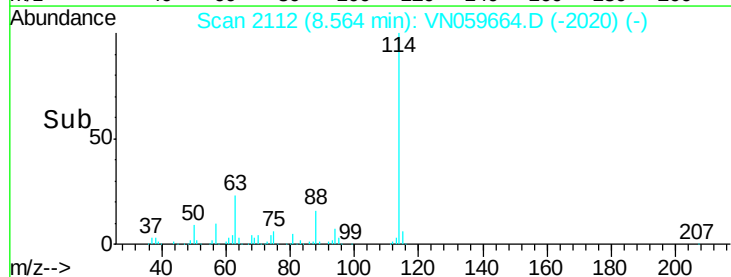
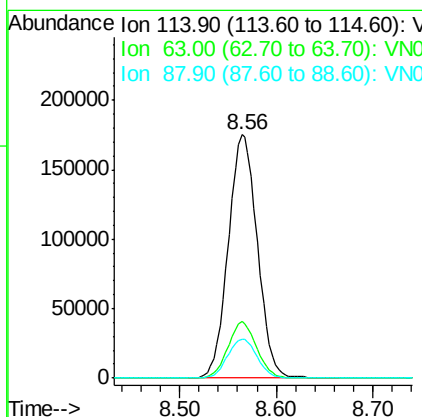
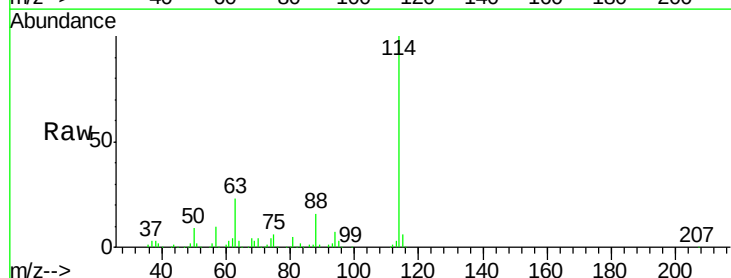
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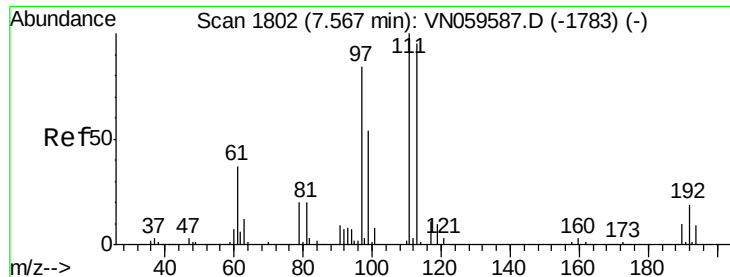
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion: 114 Resp: 365682
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.6
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.860 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

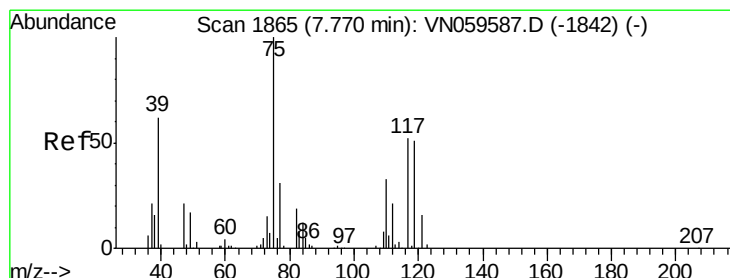
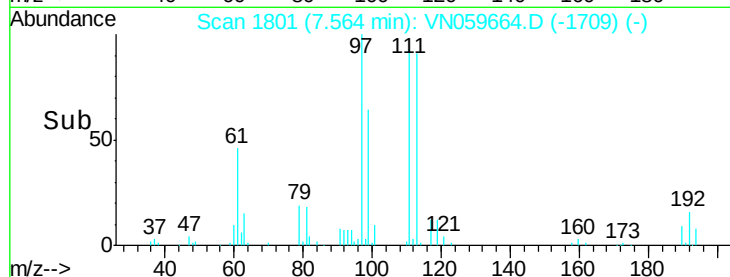
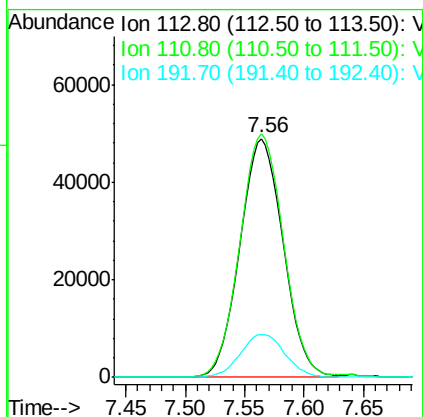
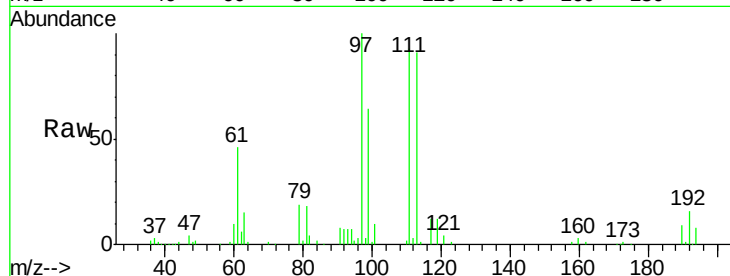
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123232		
111	102.9	83.5	125.3	
192	18.7	15.4	23.2	

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#36

1,1-Dichloropropene

Concen: 60.564 ug/l

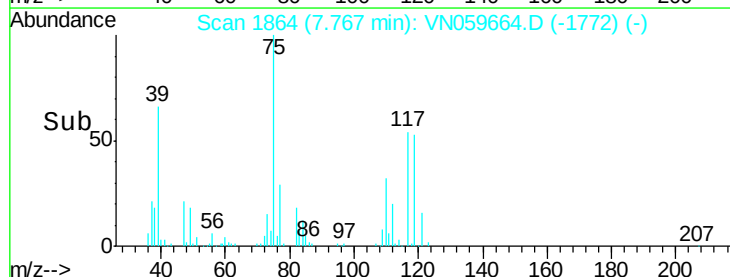
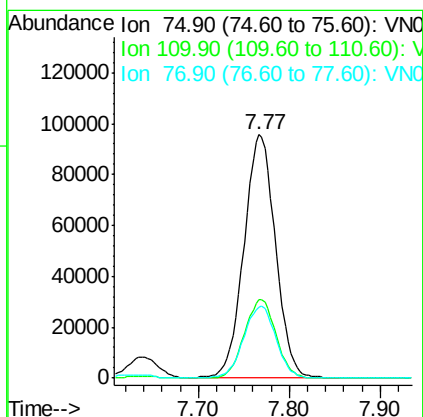
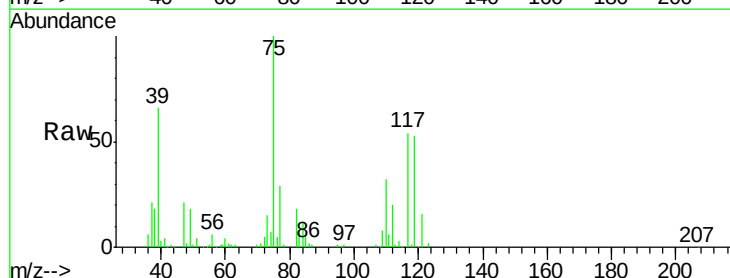
RT: 7.77 min Scan# 1864

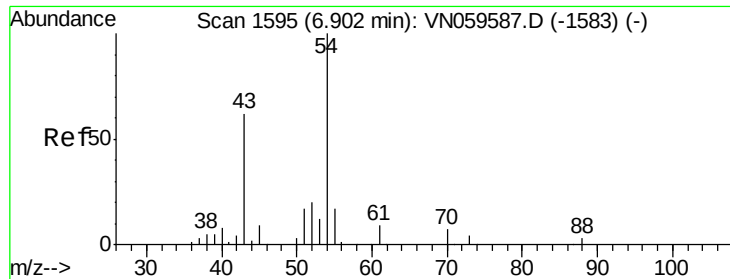
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230962		
110	32.3	16.6	49.7	
77	30.2	25.1	37.7	





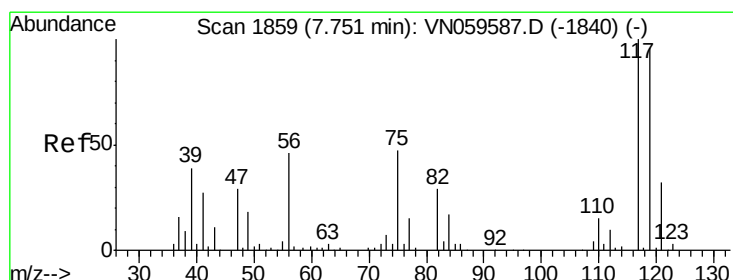
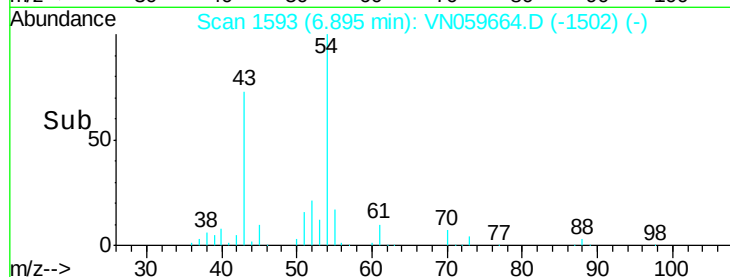
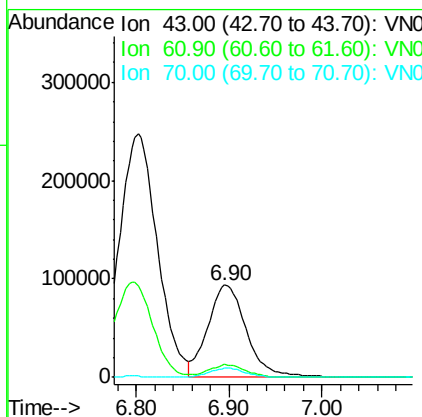
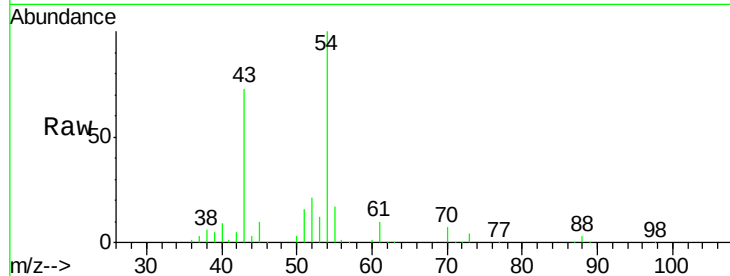
#37
Ethyl Acetate
Concen: 59.944 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	9.5	7.7	11.5

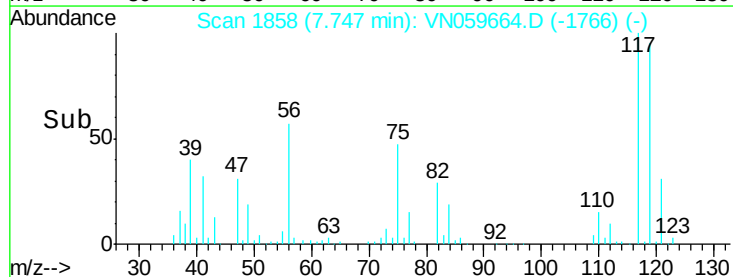
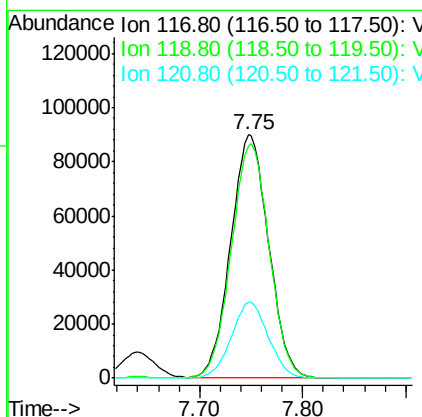
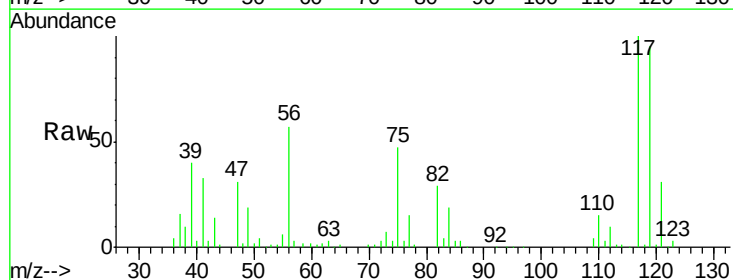
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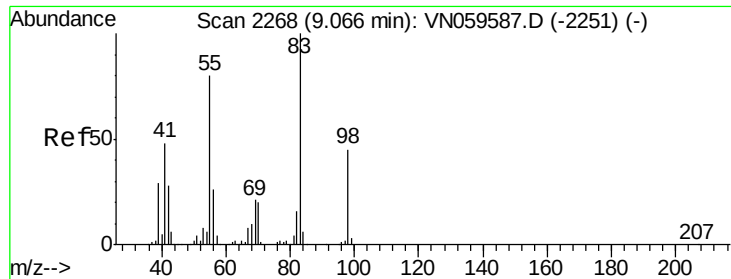
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#38
Carbon Tetrachloride
Concen: 58.075 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.5	114.7
121	31.2	25.1	37.7





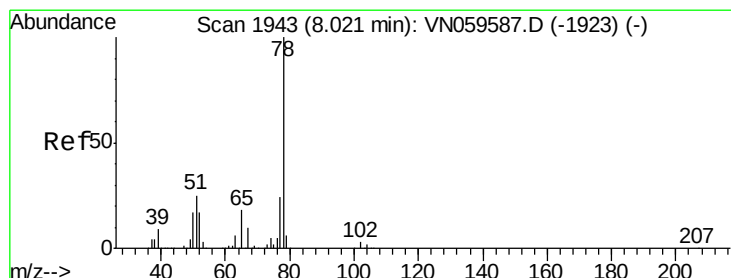
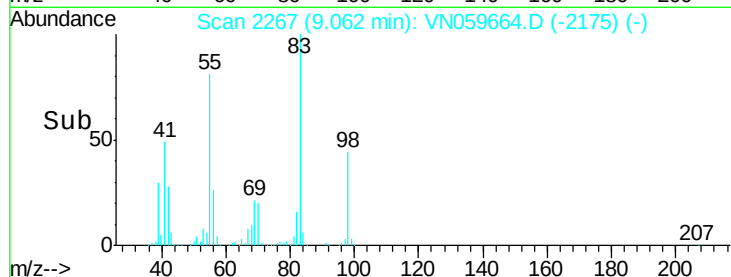
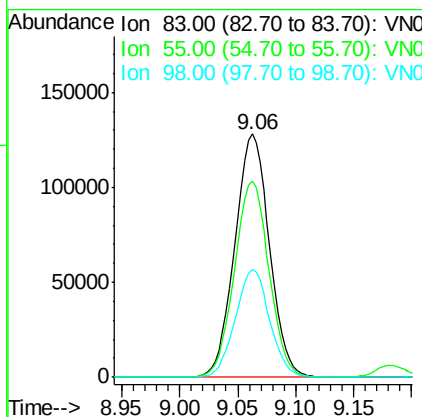
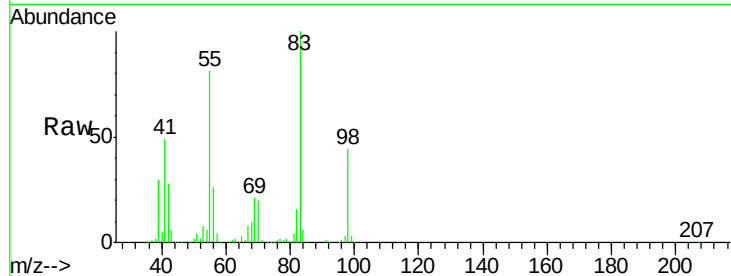
#39
Methylvlcyclohexane
Concen: 61.241 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	264906		
55	80.7	64.2	96.2	
98	44.5	35.9	53.9	

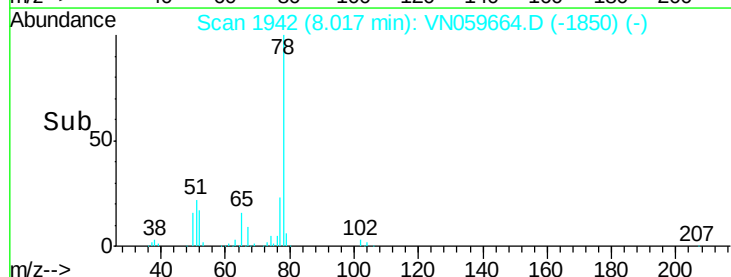
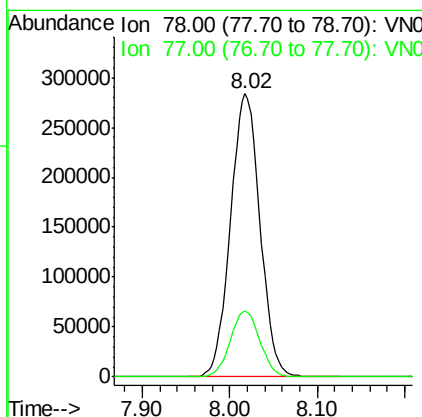
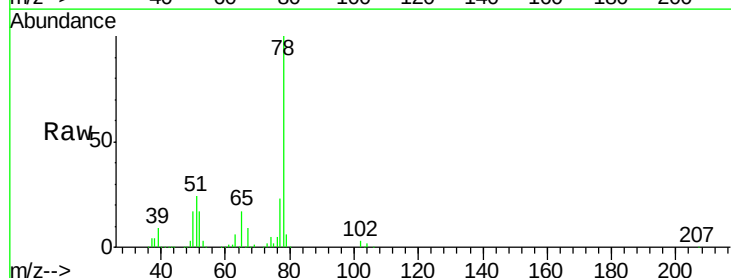
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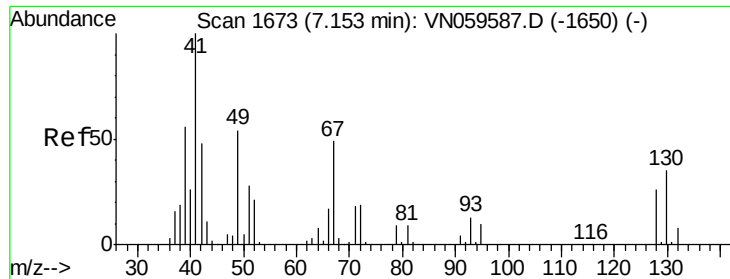
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#40
Benzene
Concen: 59.581 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	664002		
77	23.3	18.9	28.3	





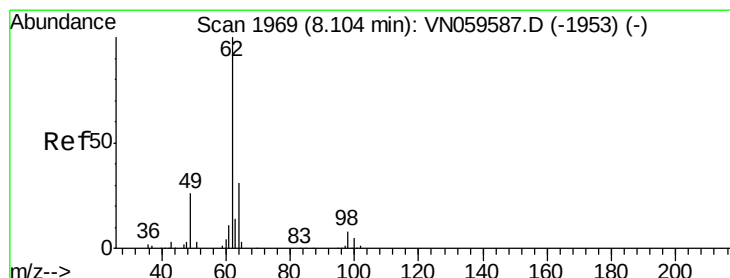
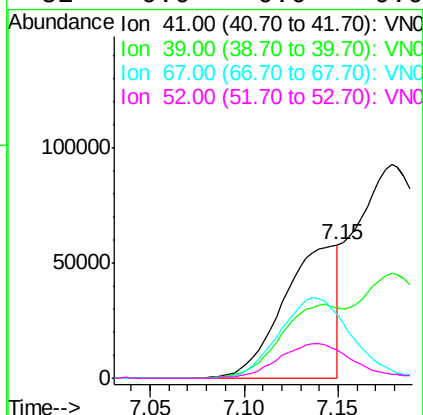
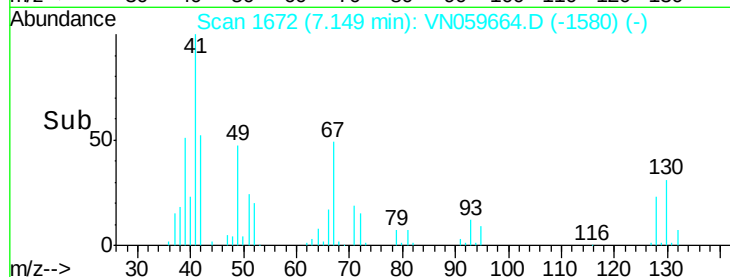
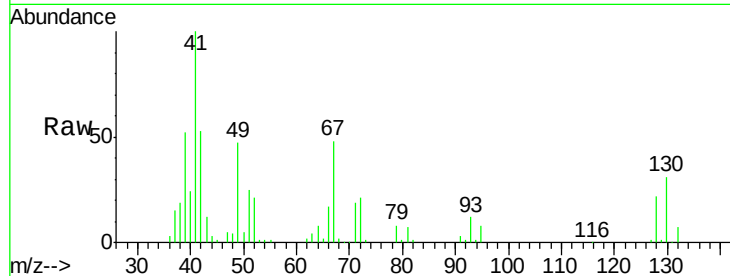
#41
Methacrylonitrile
Concen: 63.389 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	115952
Ion Ratio	Lower	Upper	
41	100		
39	91.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

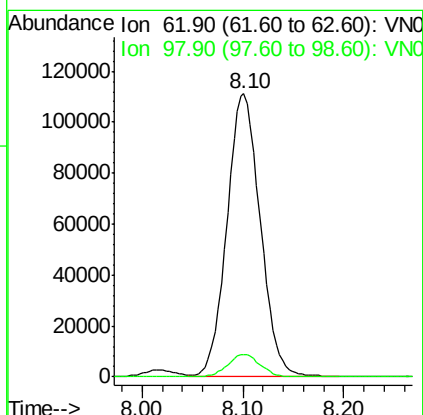
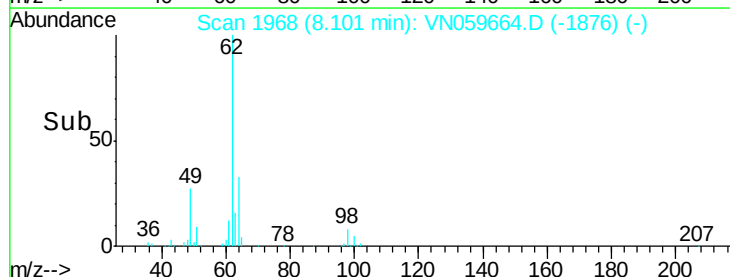
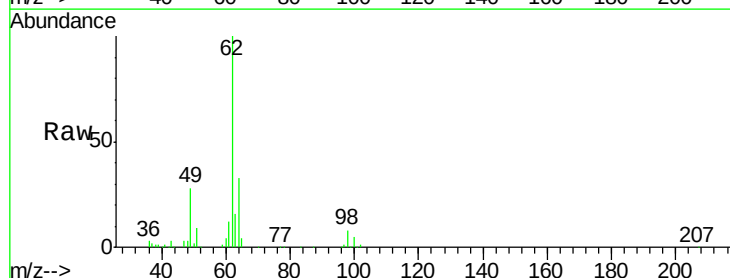
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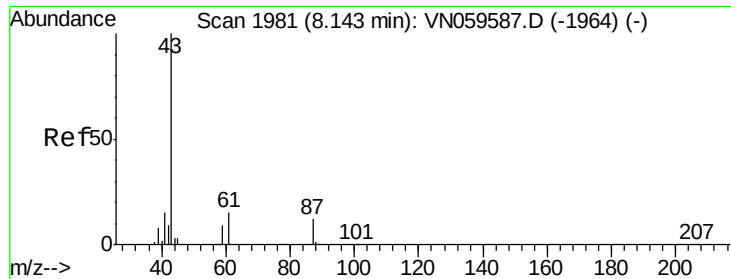
apatel
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#42
1,2-Dichloroethane
Concen: 59.707 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	62	Resp	254827
Ion Ratio	Lower	Upper	
62	100		
98	7.8	0.0	15.8





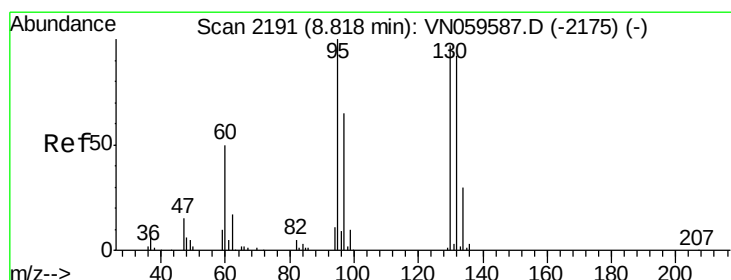
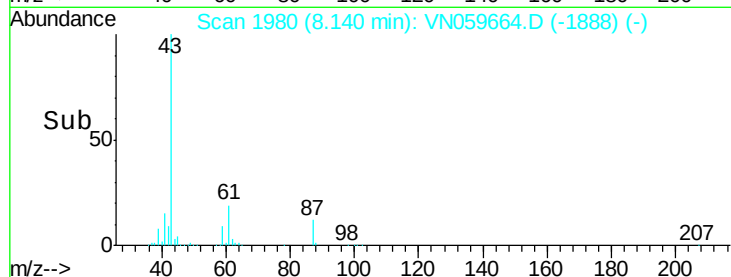
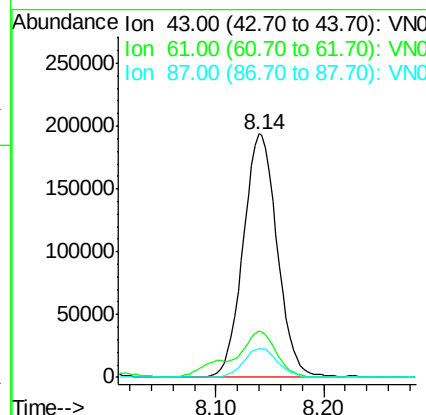
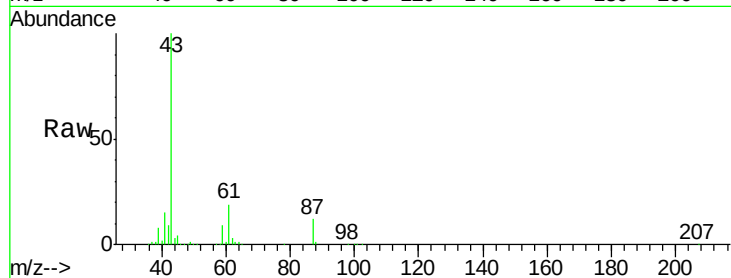
#43
Isopropyl Acetate
Concen: 61.368 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.2	30.2#
87	11.9	9.5	14.3

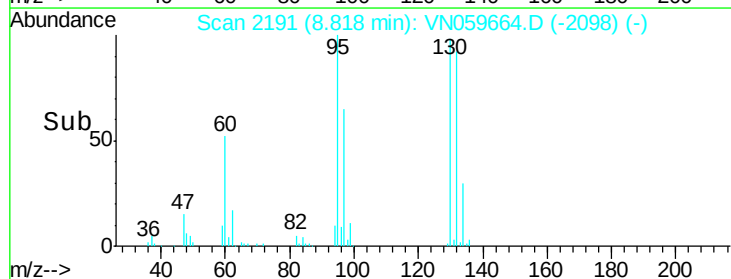
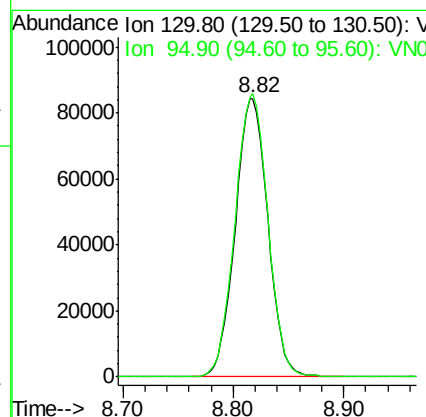
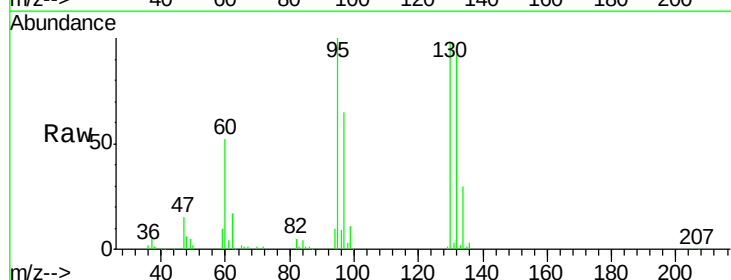
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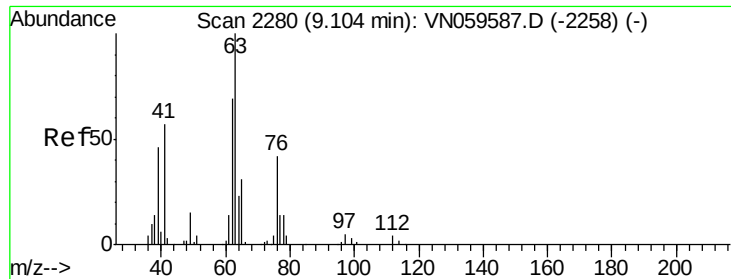
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#44
Trichloroethene
Concen: 59.309 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	207.0





#45

1,2-Dichloropropane

Concen: 60.950 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 183427

Ion Ratio Lower Upper

63 100

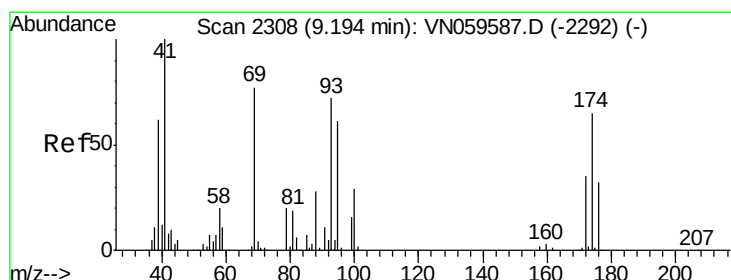
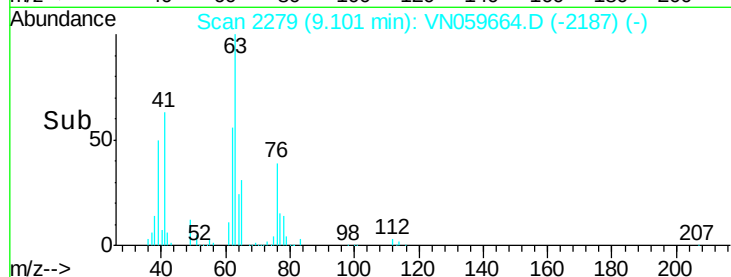
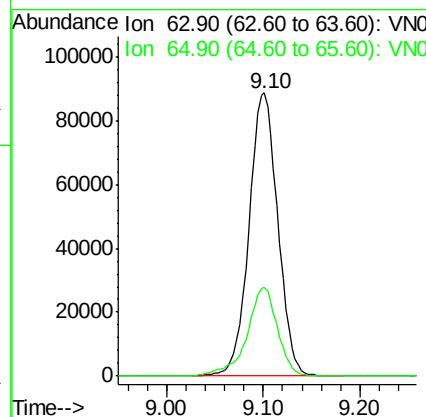
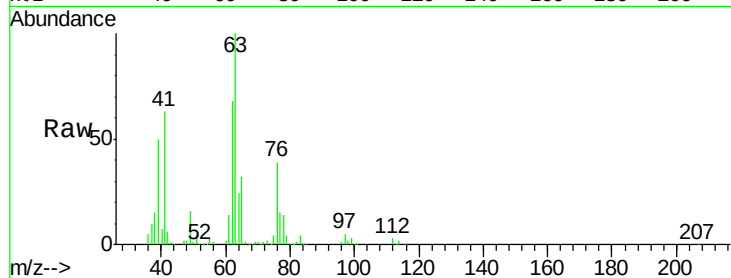
65 31.5 24.9 37.3

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#46

Dibromomethane

Concen: 59.019 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

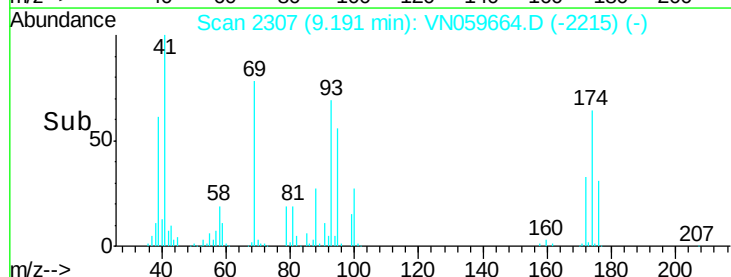
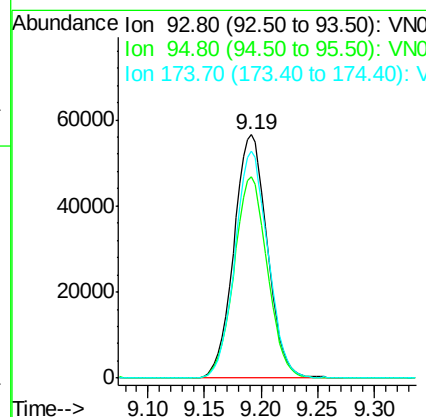
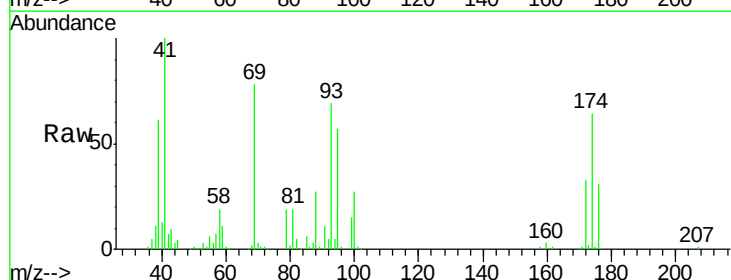
Tgt Ion: 93 Resp: 116364

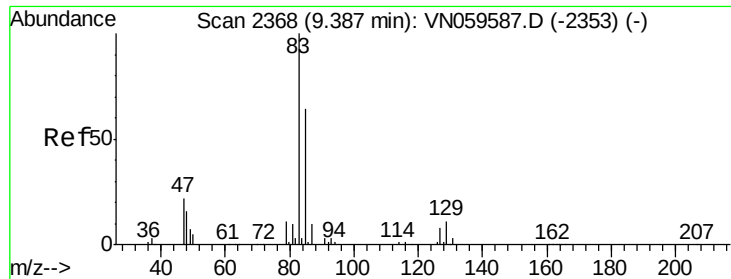
Ion Ratio Lower Upper

93 100

95 82.2 67.0 100.6

174 91.9 73.4 110.2





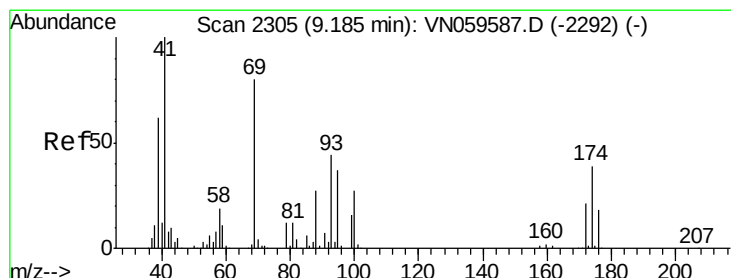
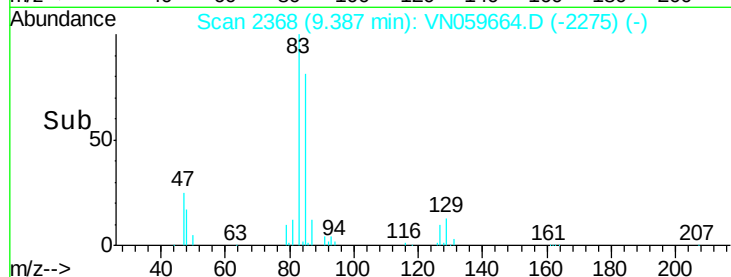
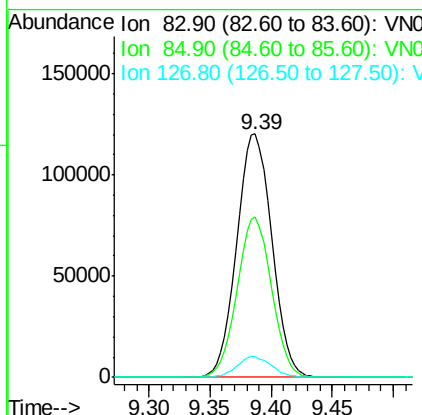
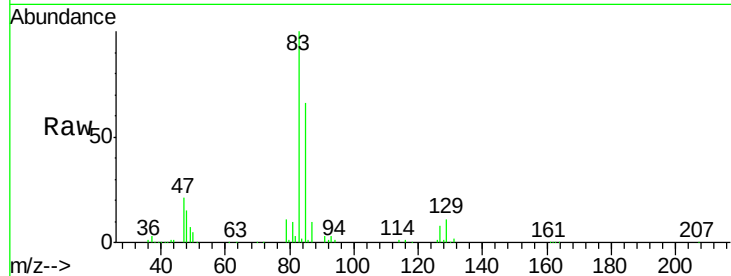
#47
Bromodichloromethane
Concen: 60.984 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.1	76.7
127	8.3	6.6	9.8

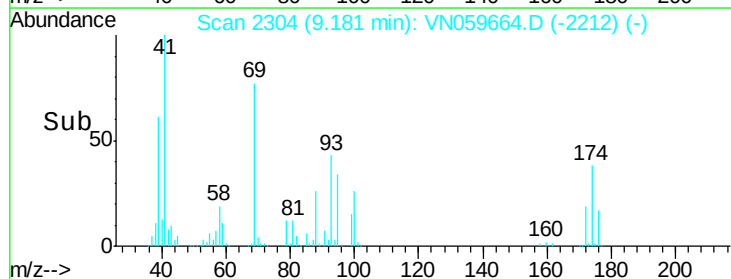
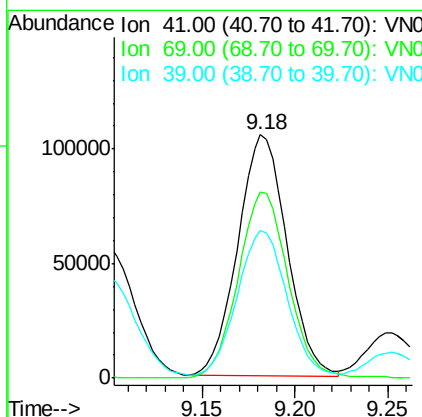
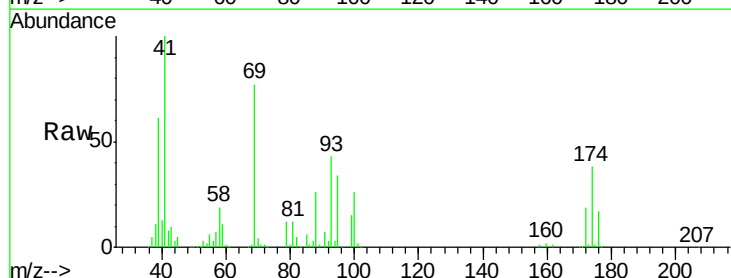
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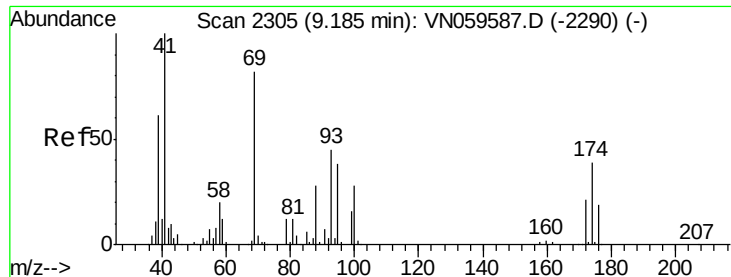
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#48
Methyl methacrylate
Concen: 61.954 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.3	64.4	96.6
39	63.0	51.3	76.9





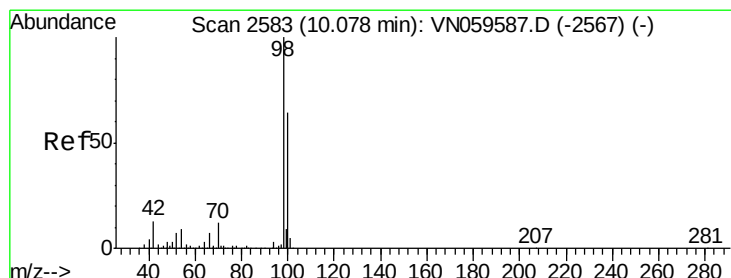
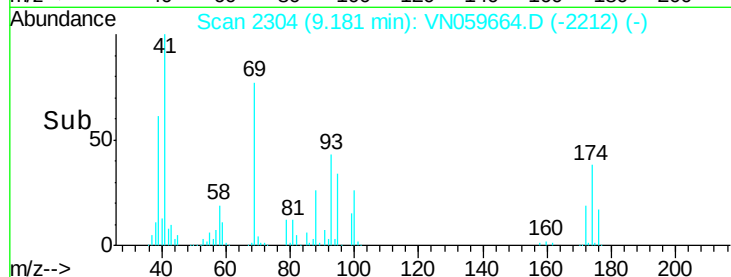
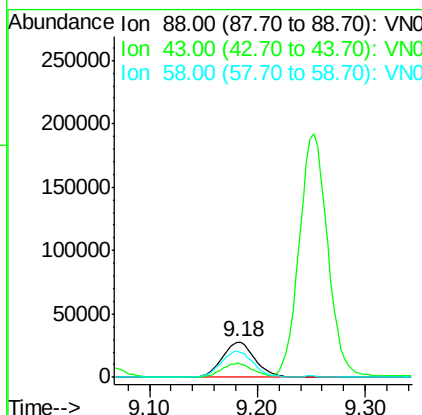
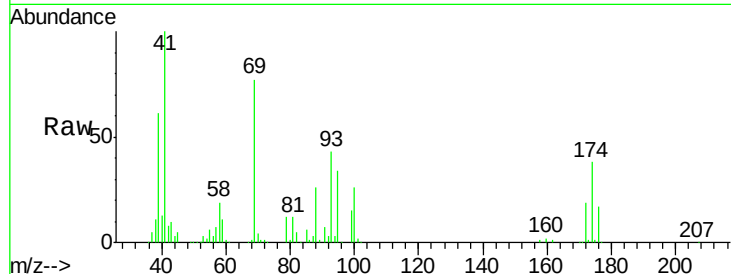
#49
1,4-Dioxane
Concen: 1319.940 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	59139
Ion	Ratio	Lower	Upper
88	100		
43	38.1	29.7	44.5
58	73.1	56.6	85.0

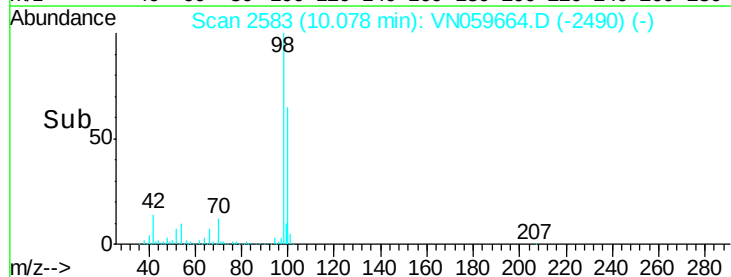
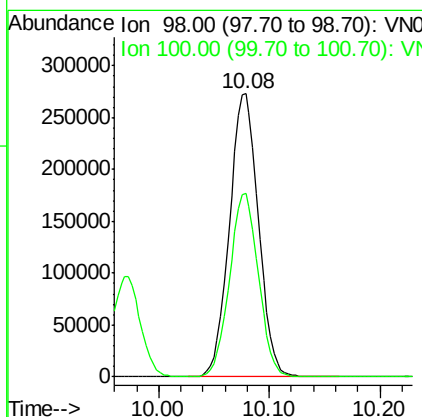
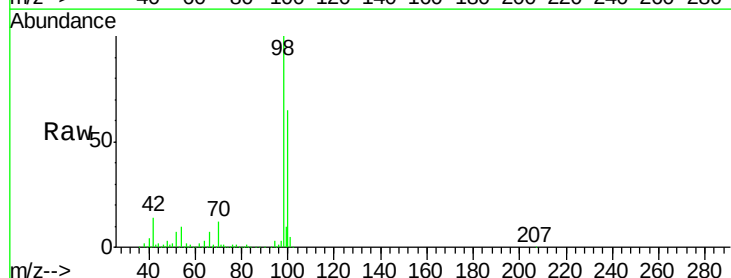
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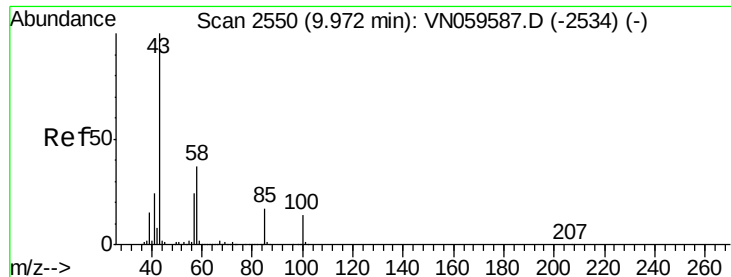
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#50
Toluene-d8
Concen: 54.907 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	98	Resp	497380
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 322.174 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1323695

Ion Ratio Lower Upper

43 100

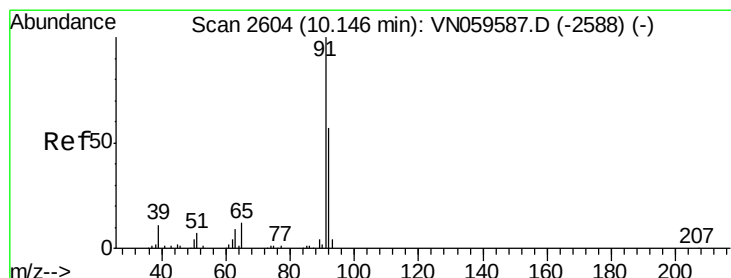
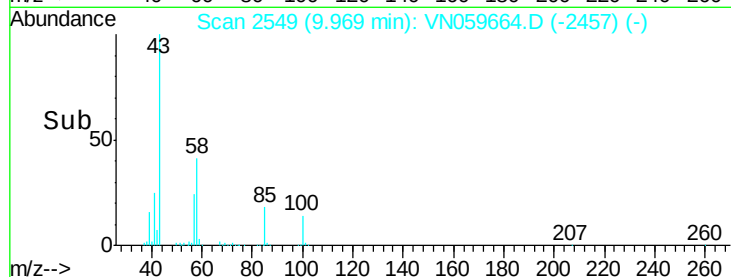
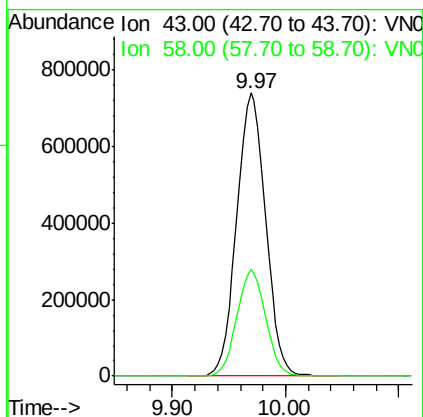
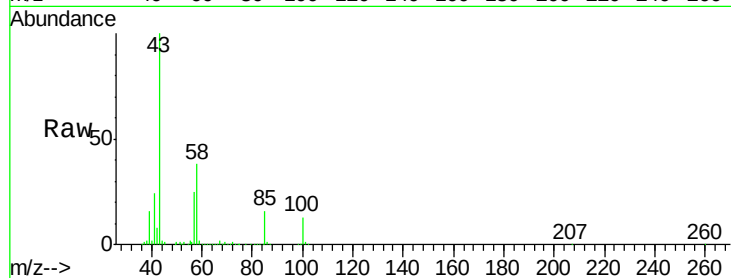
58 37.2 29.8 44.8

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#52

Toluene

Concen: 59.432 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059664.D

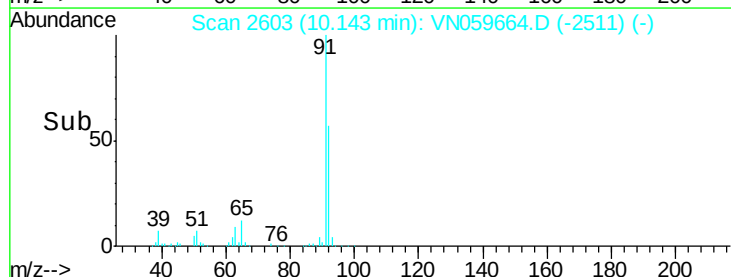
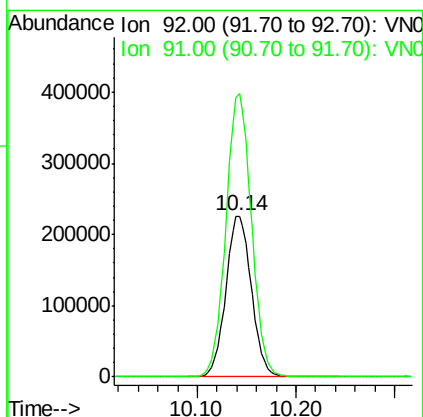
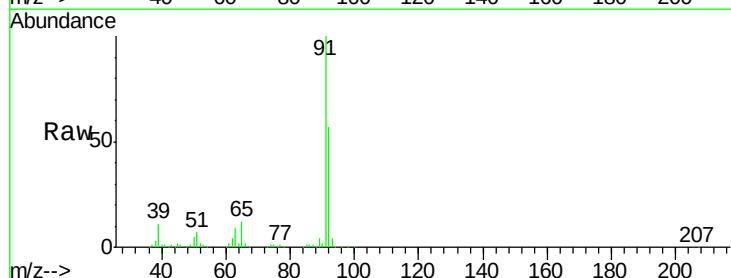
Acq: 19 Dec 2019 11:46

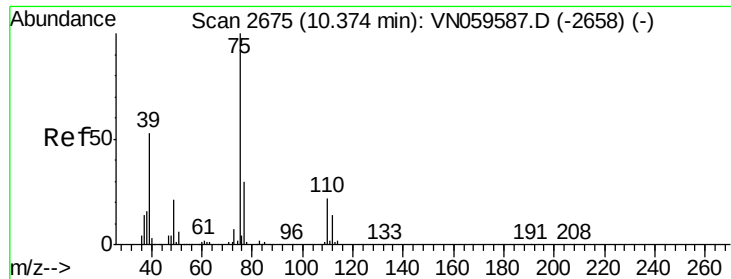
Tgt Ion: 92 Resp: 406967

Ion Ratio Lower Upper

92 100

91 175.8 140.4 210.6





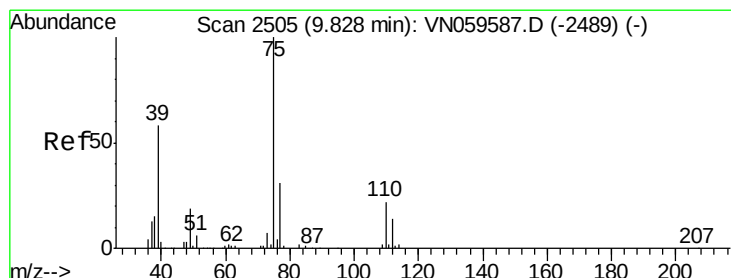
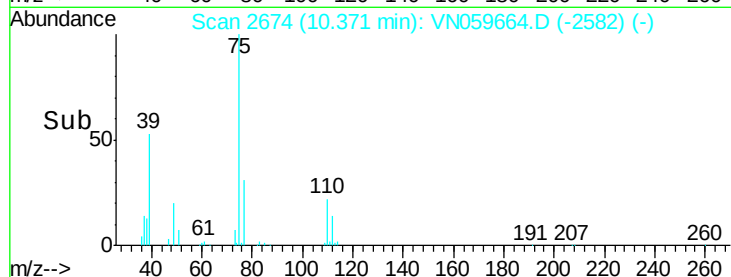
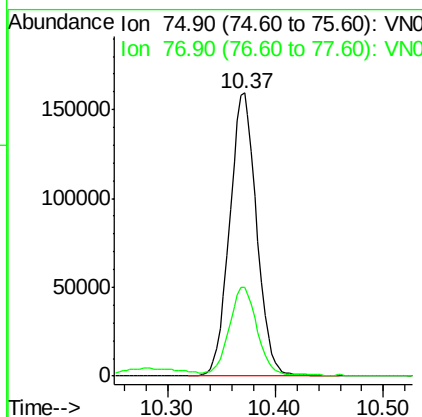
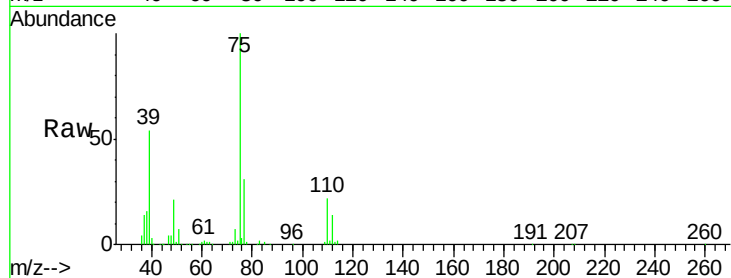
#53
t-1,3-Dichloropropene
Concen: 61.281 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.2

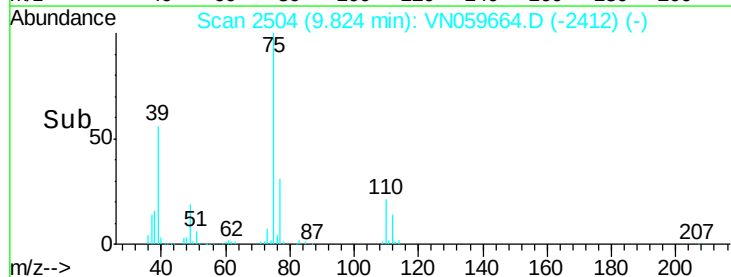
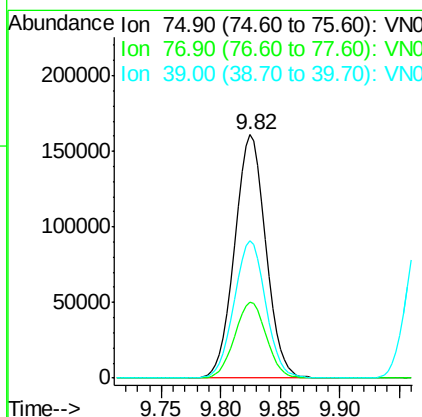
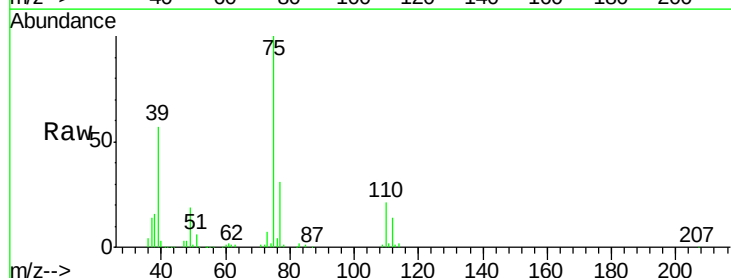
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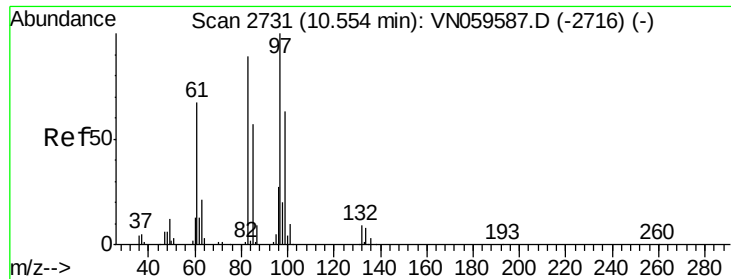
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#54
cis-1,3-Dichloropropene
Concen: 61.318 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	56.4	46.1	69.1





#55

1,1,2-Trichloroethane

Concen: 60.930 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

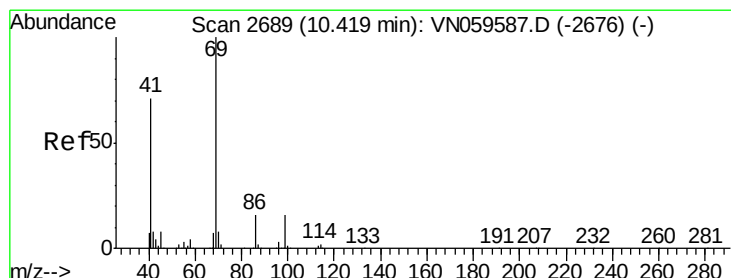
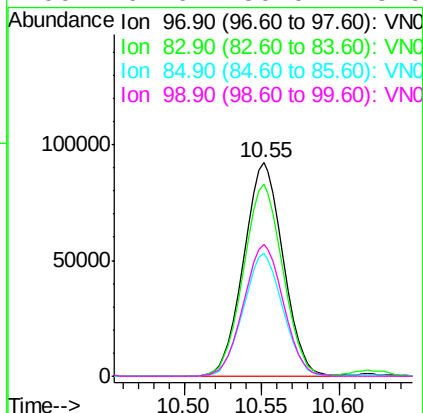
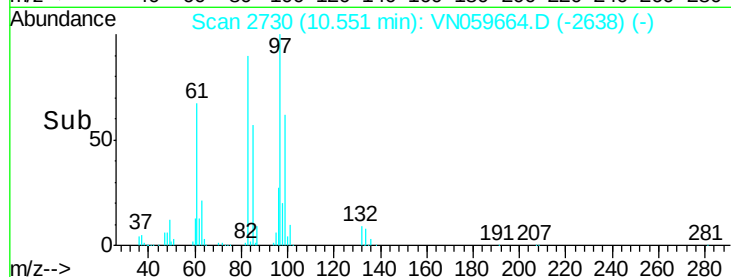
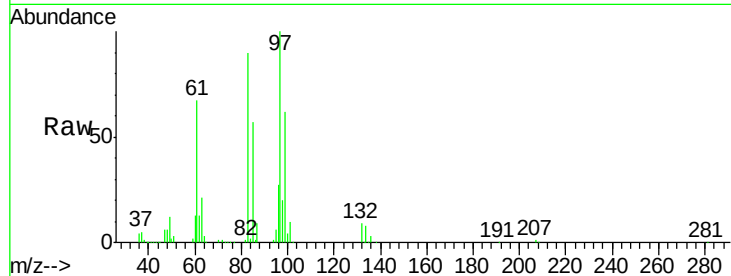
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	163721
Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.3	106.9
85	57.4	45.8	68.8
99	61.6	50.0	75.0

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#56

Ethyl methacrylate

Concen: 64.700 ug/l

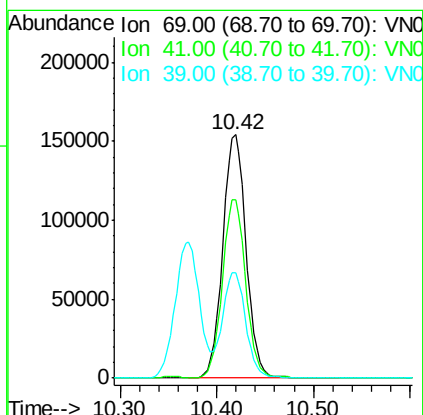
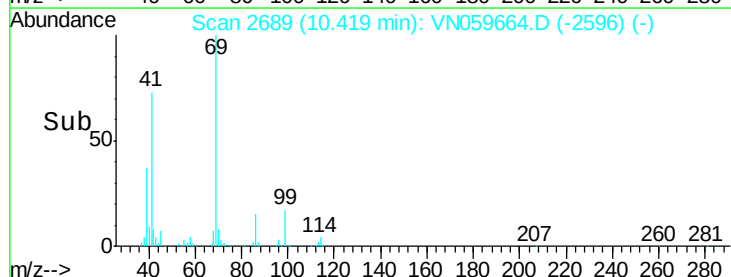
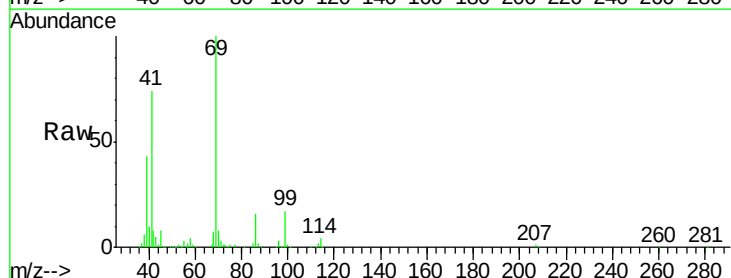
RT: 10.42 min Scan# 2689

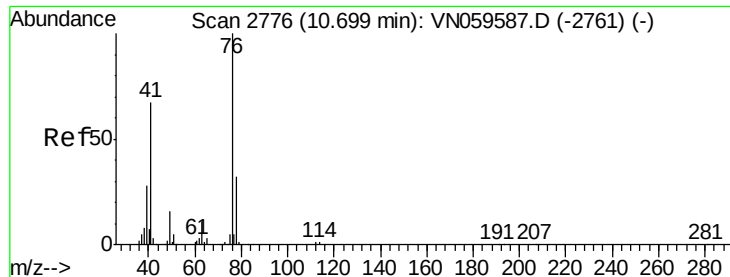
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	69	Resp:	258088
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.1	85.7
39	43.5	34.7	52.1





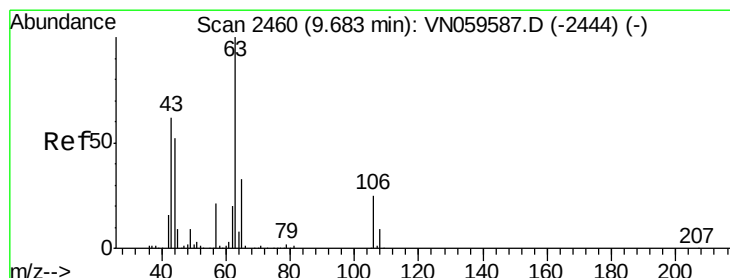
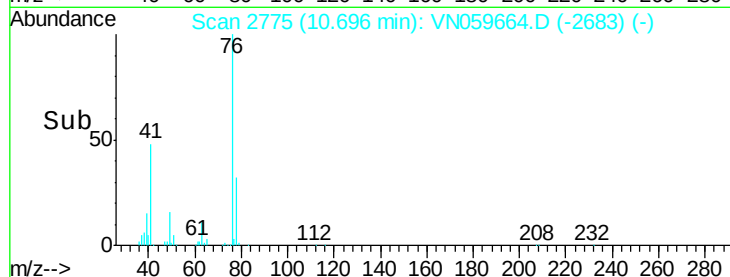
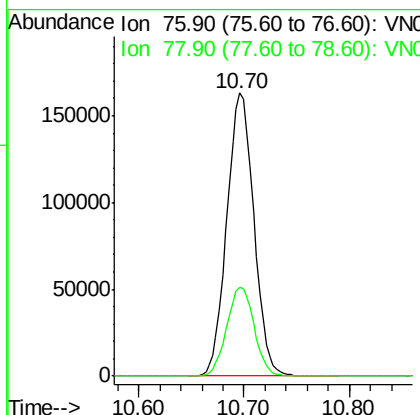
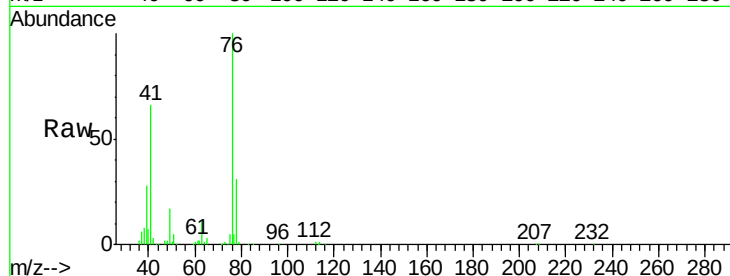
#57
 1,3-Dichloropropane
 Concen: 61.996 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.8

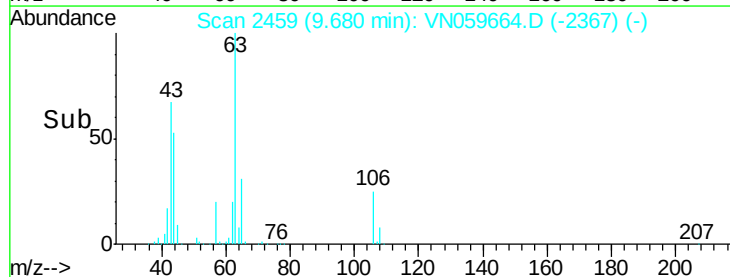
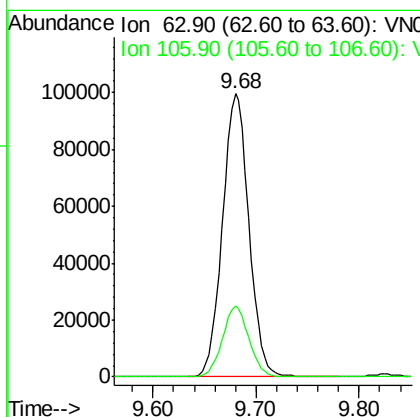
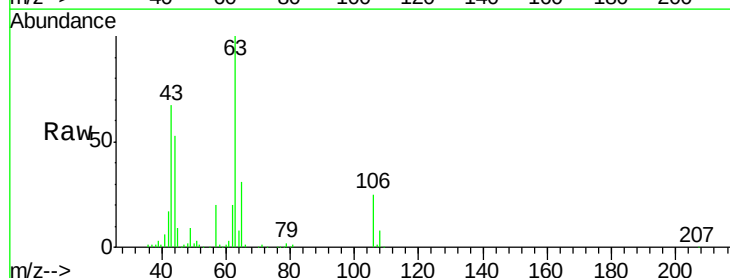
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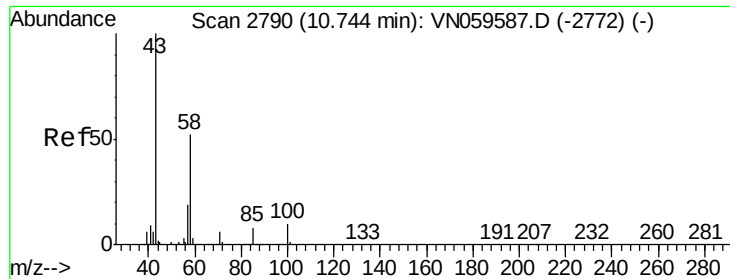
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 139.772 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	20.2	30.2





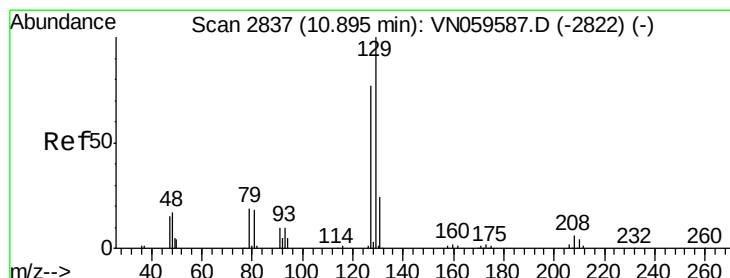
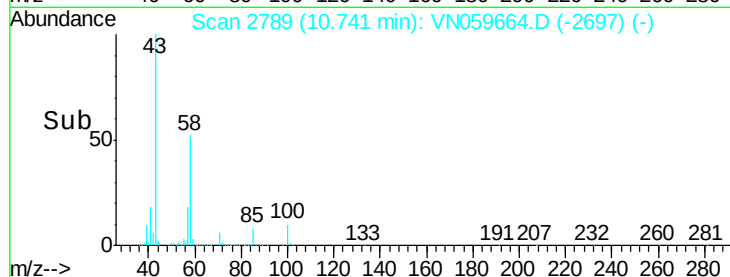
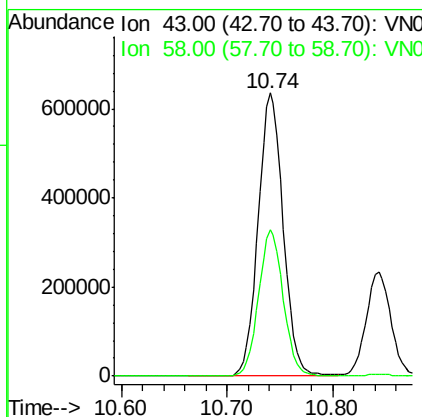
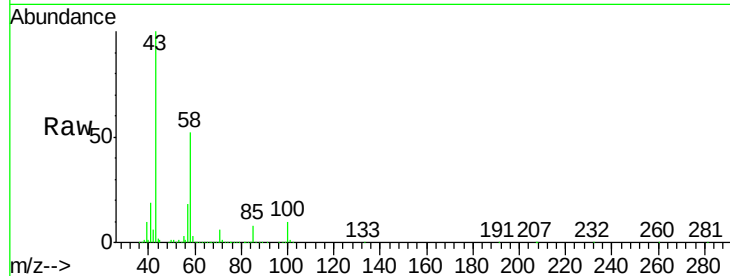
#59
2-Hexanone
Concen: 325.012 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1052435
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.3

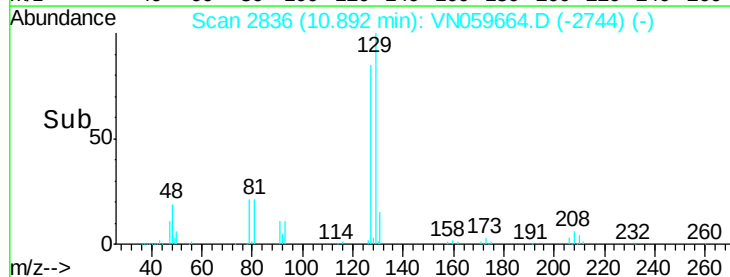
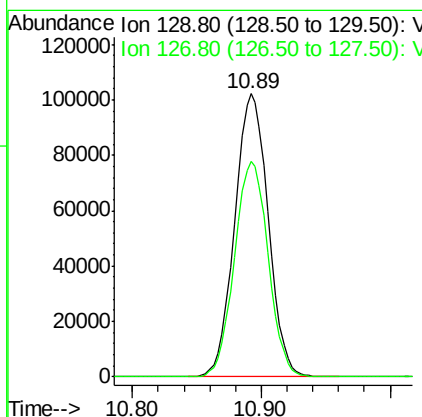
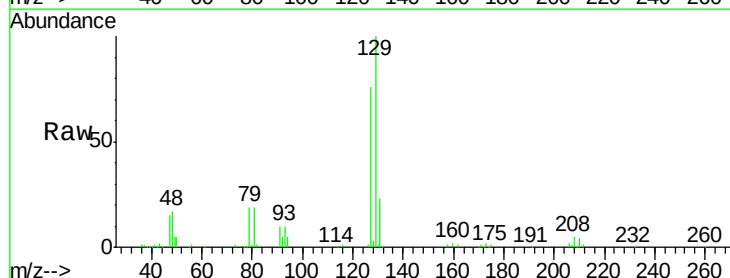
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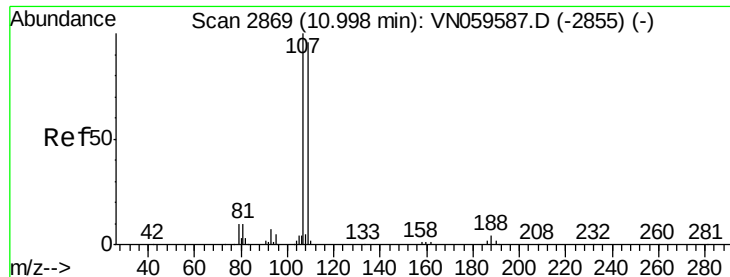
apatel
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#60
Dibromochloromethane
Concen: 62.904 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion: 129 Resp: 184478
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 59.638 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 169952

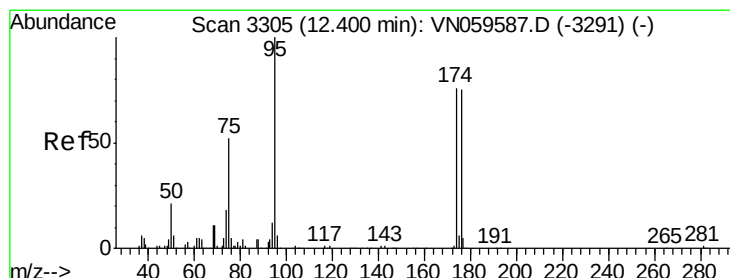
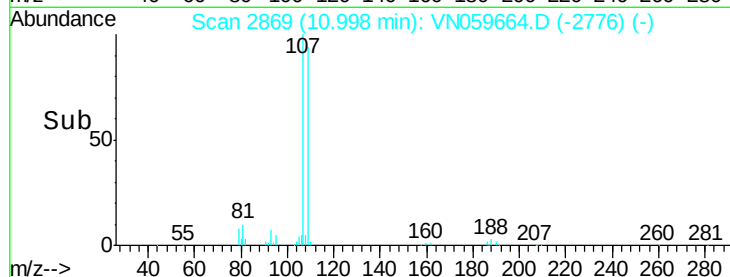
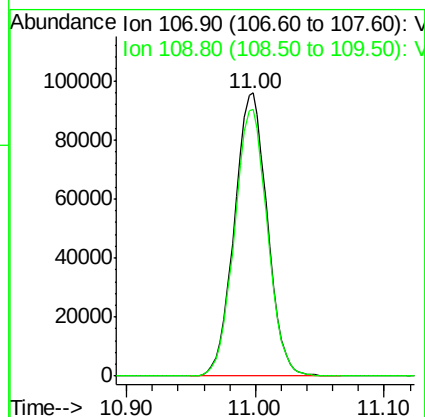
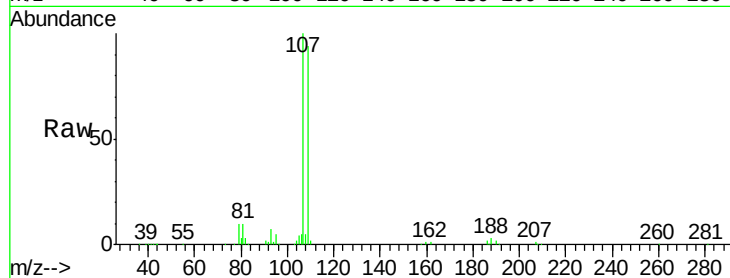
Ion Ratio Lower Upper

107 100

109 94.5 76.6 115.0

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#62

4-Bromofluorobenzene

Concen: 55.635 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

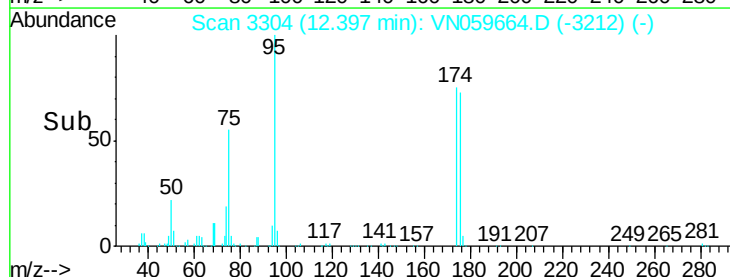
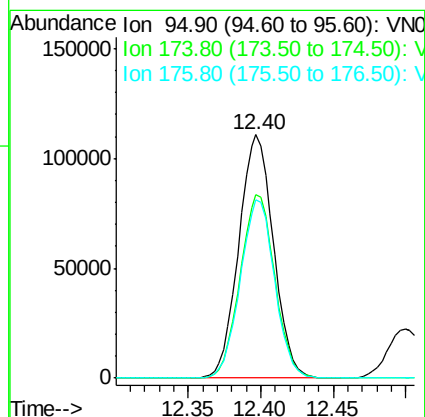
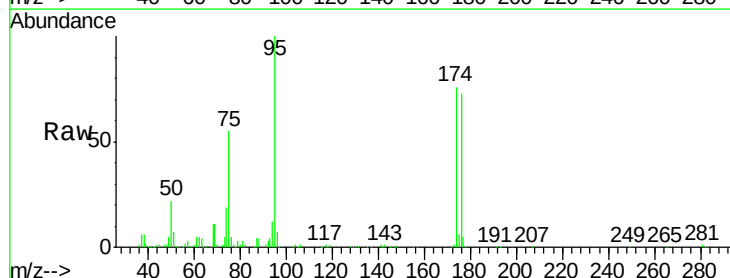
Tgt Ion: 95 Resp: 183898

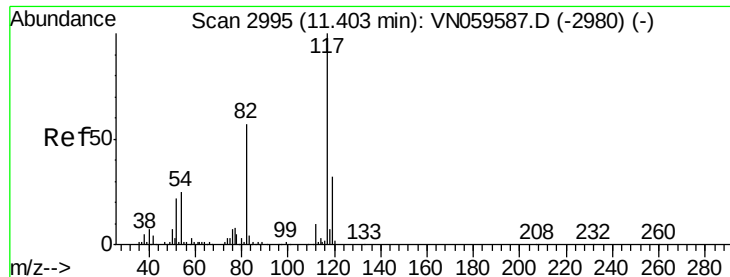
Ion Ratio Lower Upper

95 100

174 75.4 0.0 151.4

176 72.7 0.0 146.0





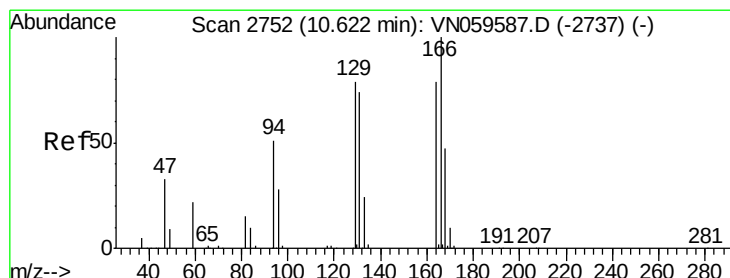
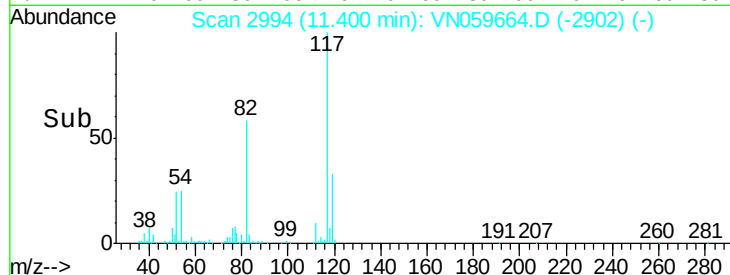
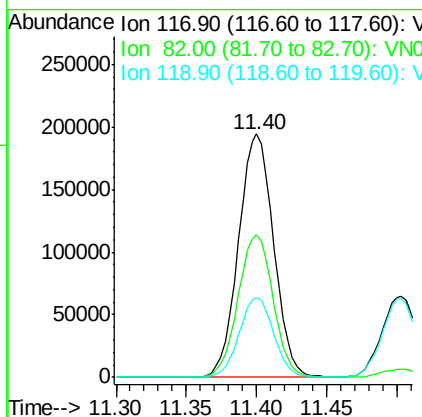
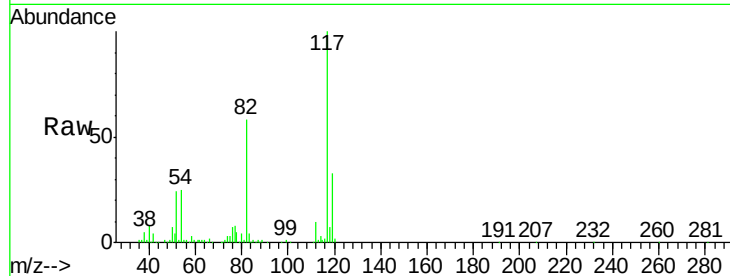
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339717		
82	58.5		45.9	68.9
119	32.7		25.5	38.3

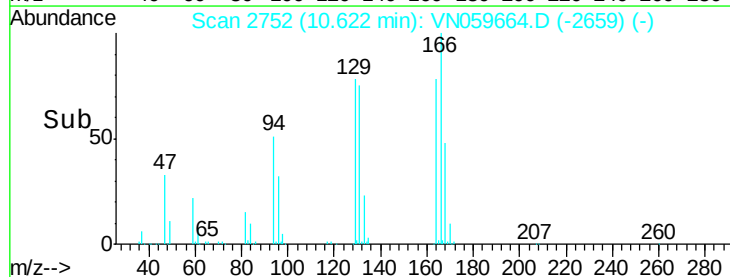
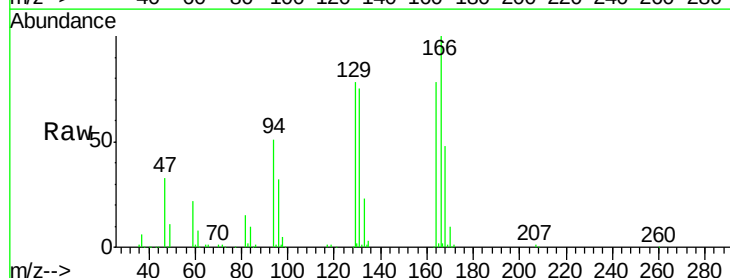
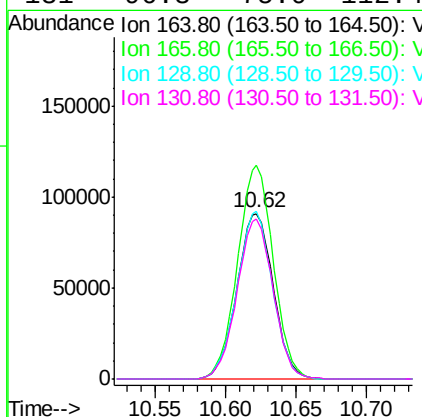
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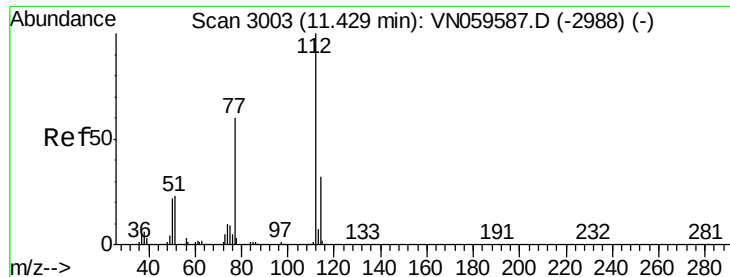
apatel
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#64
Tetrachloroethene
Concen: 51.962 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	164554		
166	128.9		101.4	152.0
129	100.9		80.2	120.4
131	96.3		75.0	112.4





#65

Chlorobenzene

Concen: 58.657 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 431168

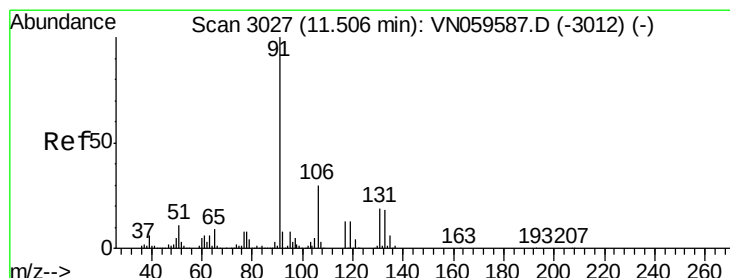
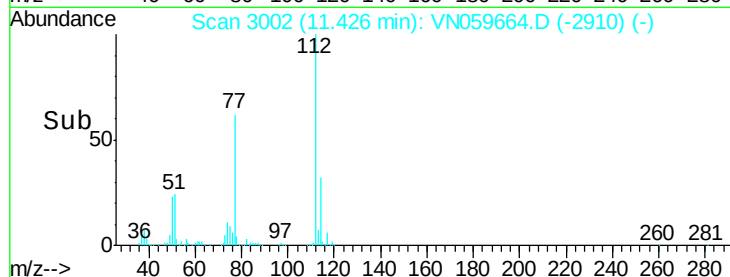
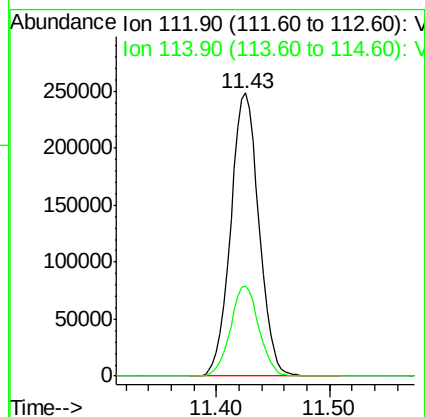
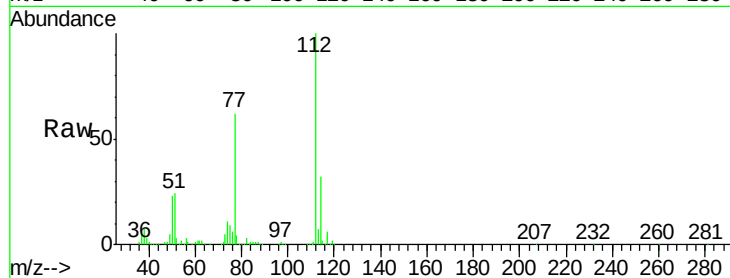
Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 59.070 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

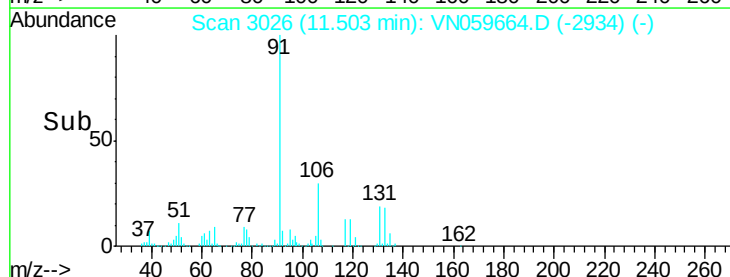
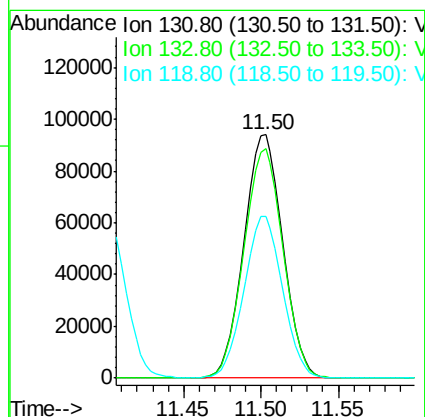
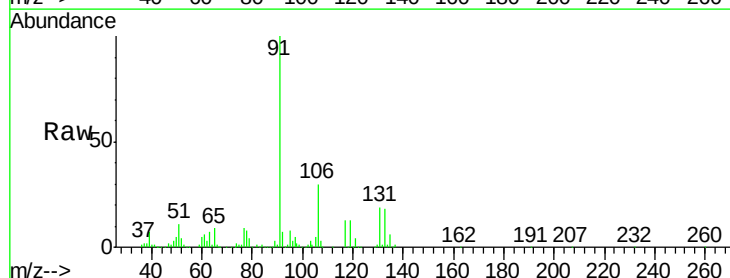
Tgt Ion:131 Resp: 164924

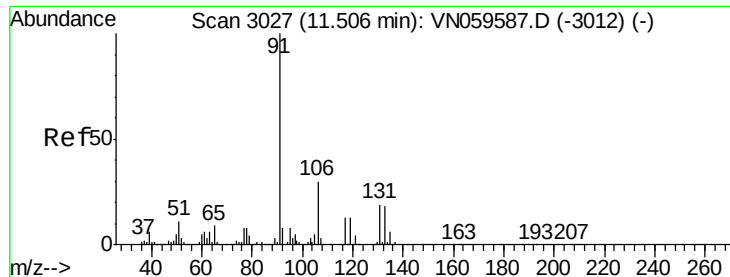
Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.2

119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 60.566 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 803607

Ion Ratio Lower Upper

91 100

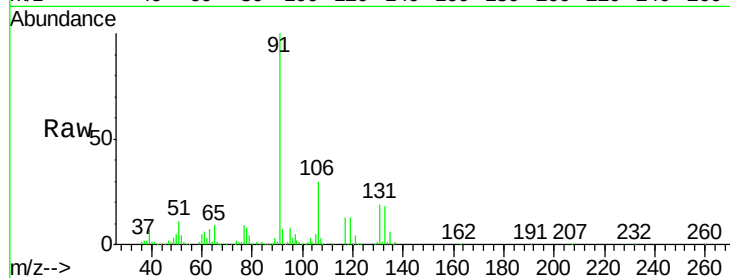
106 30.5 24.1 36.1

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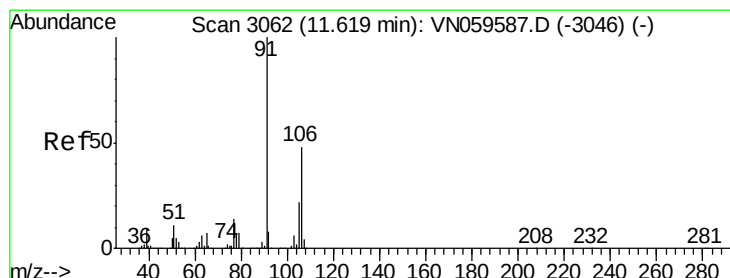
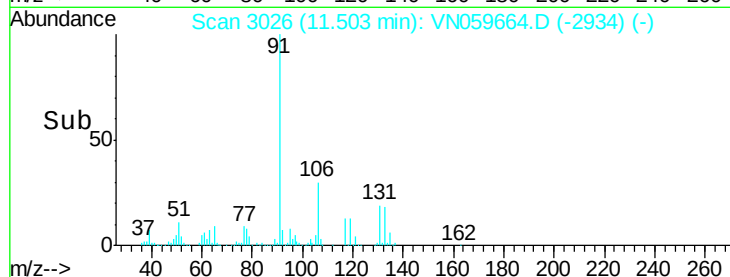
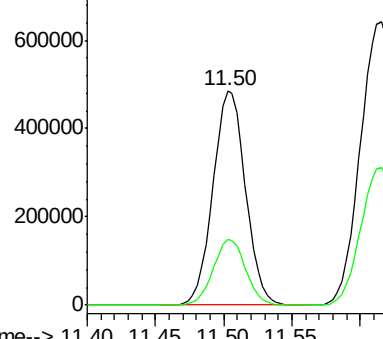
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)



#68

m/p-Xylenes

Concen: 121.824 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059664.D

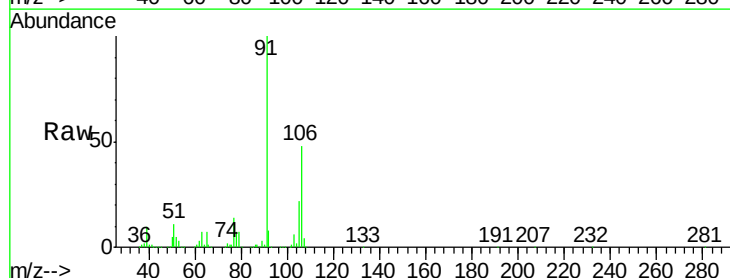
Acq: 19 Dec 2019 11:46

Tgt Ion: 106 Resp: 596879

Ion Ratio Lower Upper

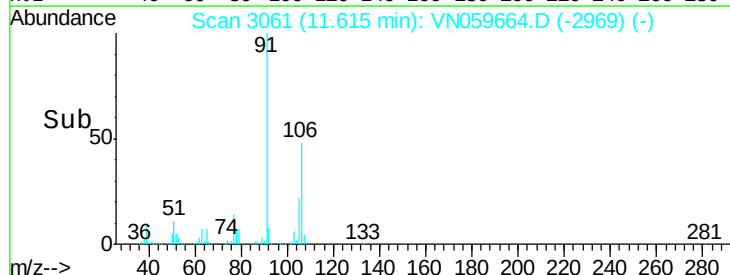
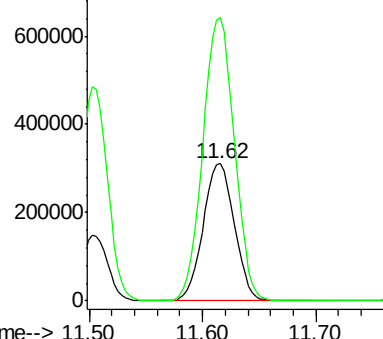
106 100

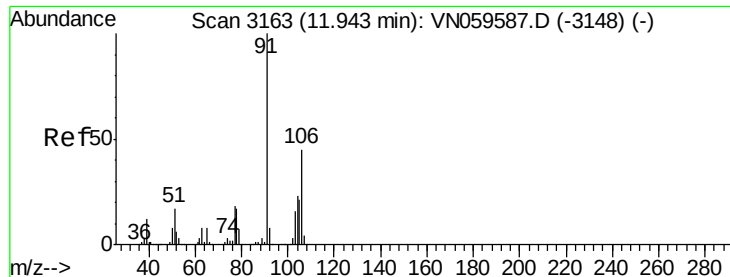
91 207.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)





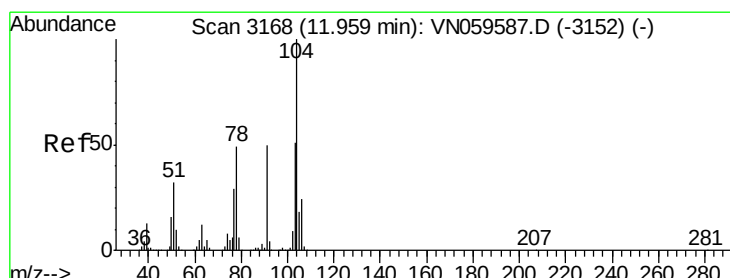
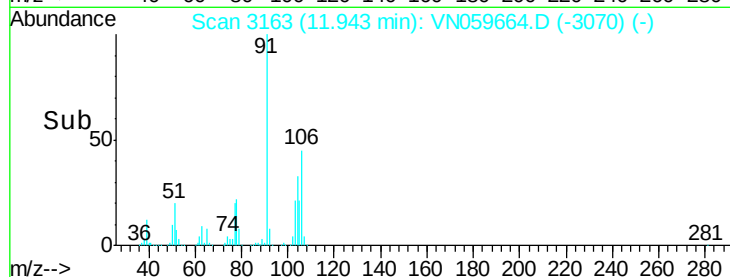
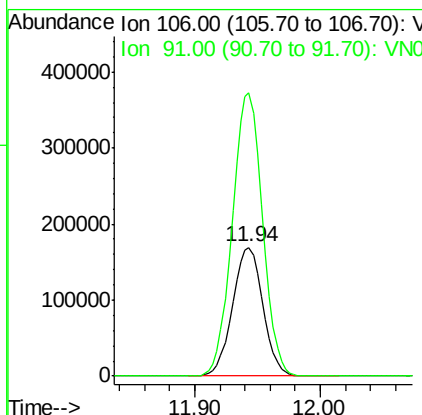
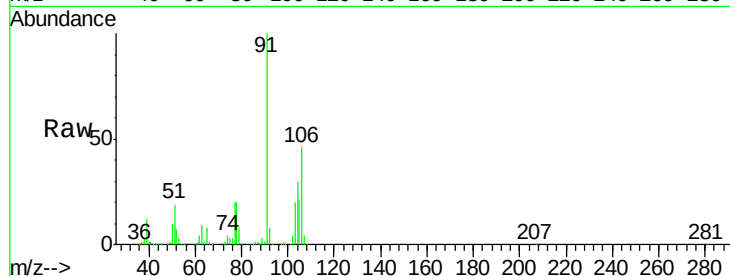
#69
o-Xylene
Concen: 61.095 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		284821		
91	218.7	110.3	330.9		

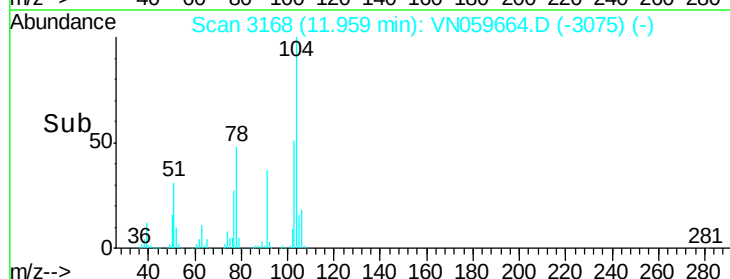
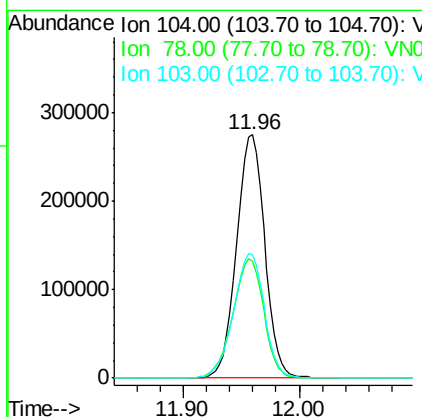
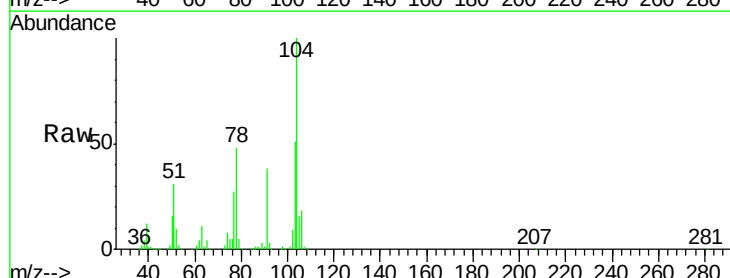
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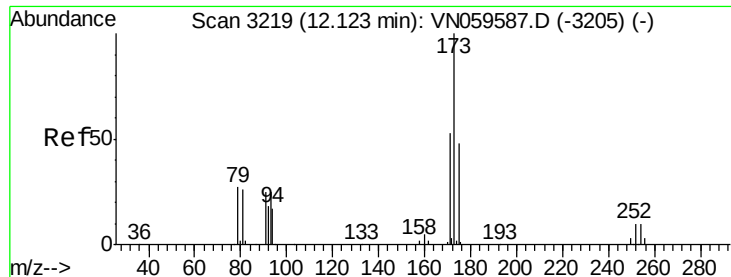
apatel
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#70
Styrene
Concen: 62.093 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		465096		
78	53.9	42.4	63.6		
103	55.9	43.9	65.9		





#71

Bromoform

Concen: 62.396 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

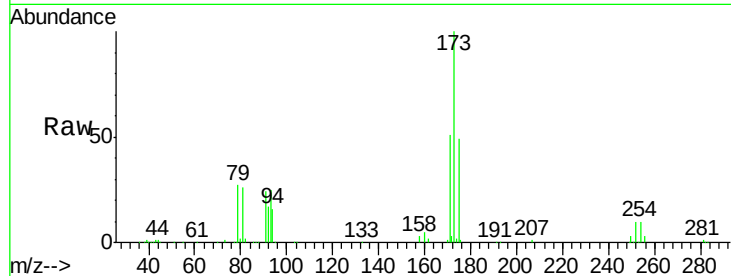
ClientSampleId :

VSTDCCC050

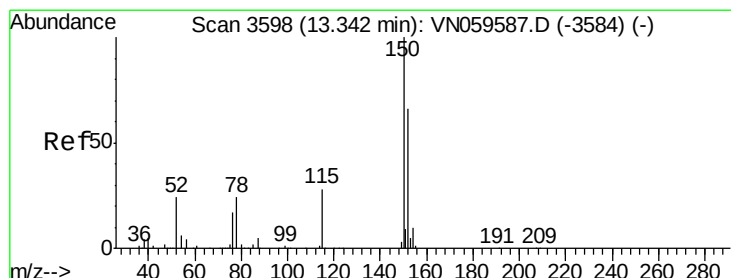
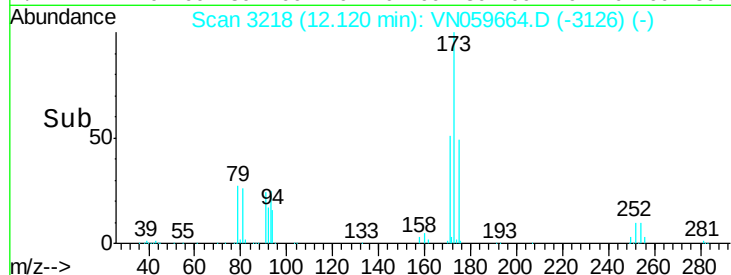
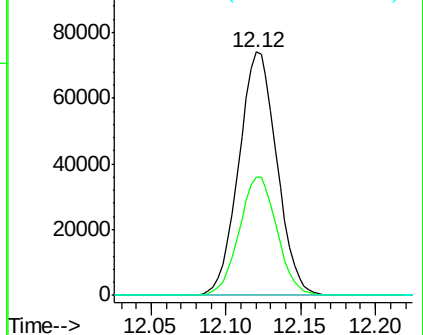
Tot Ion:	173	Resp:	130955
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

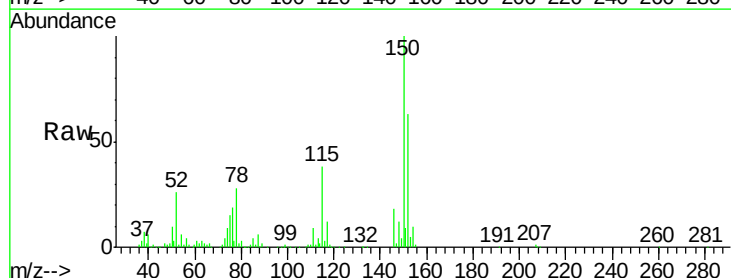
RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

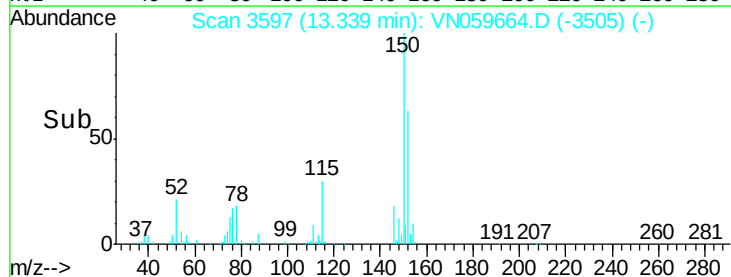
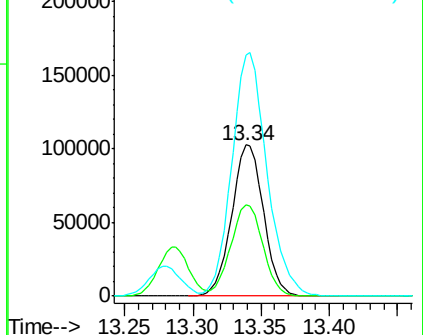
Lab File: VN059664.D

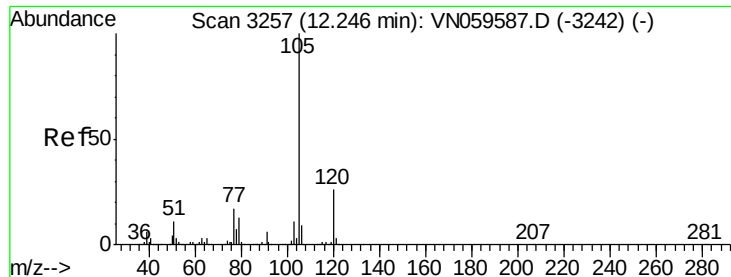
Acq: 19 Dec 2019 11:46

Tgt Ion:	152	Resp:	165901
Ion Ratio	Lower	Upper	
152	100		
115	61.5	30.3	90.9
150	177.6	0.0	345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 59.245 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 771562

Ion Ratio Lower Upper

105 100

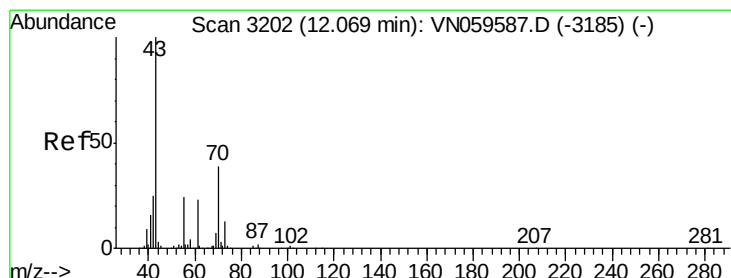
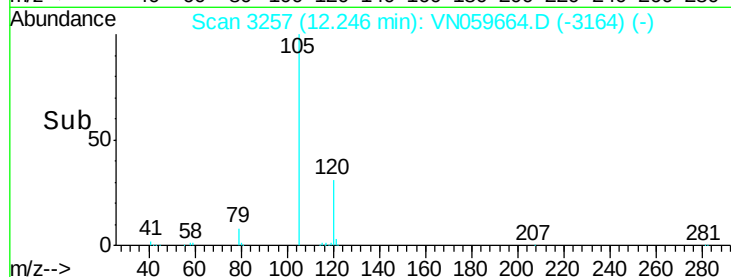
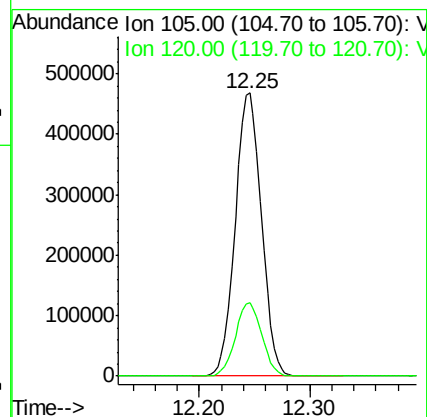
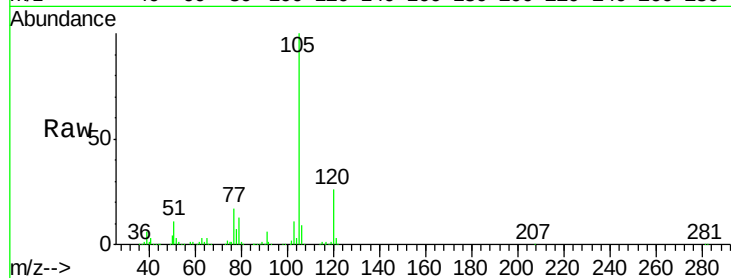
120 26.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 60.806 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion: 43 Resp: 363247

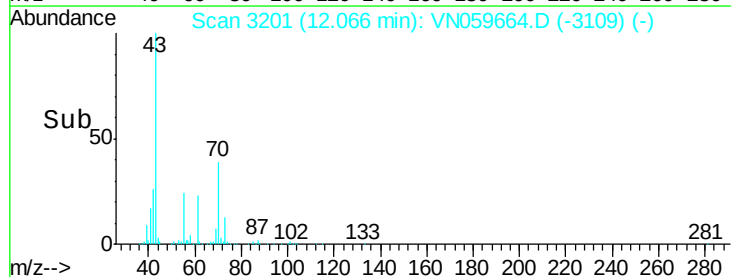
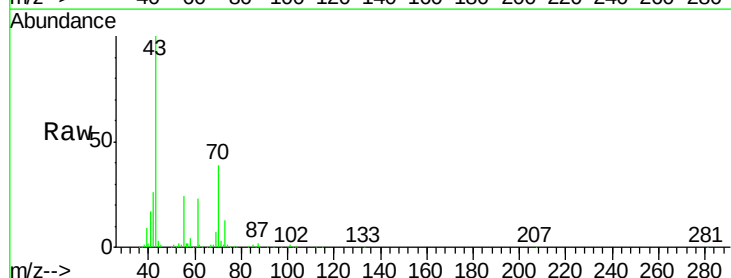
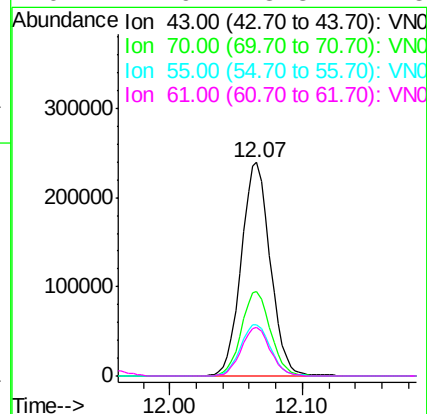
Ion Ratio Lower Upper

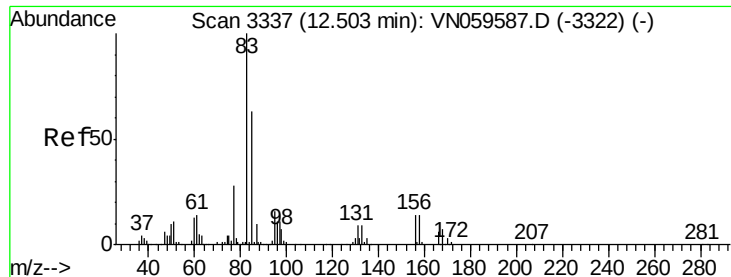
43 100

70 39.7 31.3 46.9

55 25.1 19.8 29.6

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 57.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

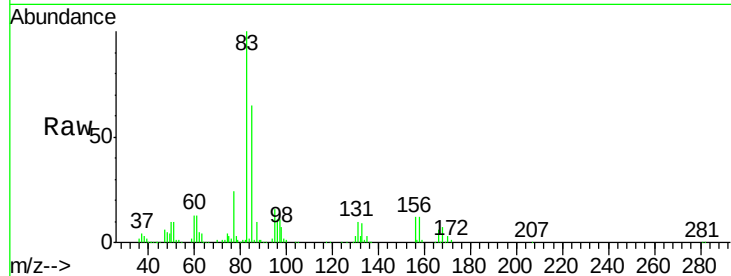
ClientSampleId :

VSTDCCC050

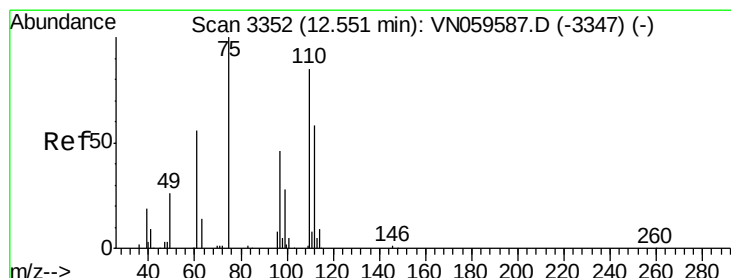
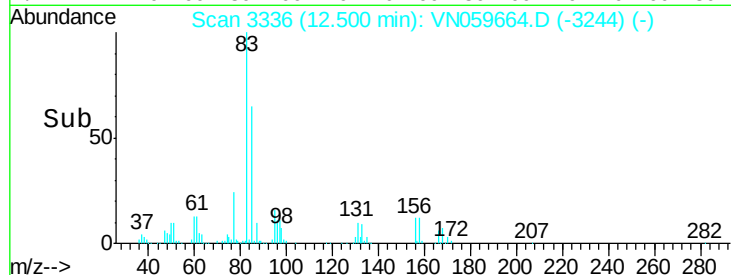
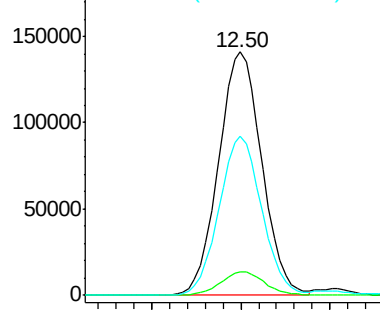
Tot Ion:	83	Resp:	238453
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.7	31.9	95.5

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Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 59.653 ug/l m

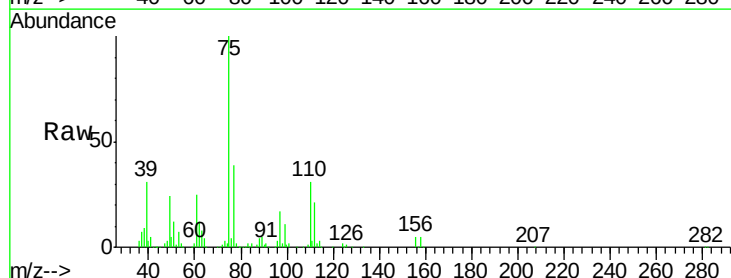
RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

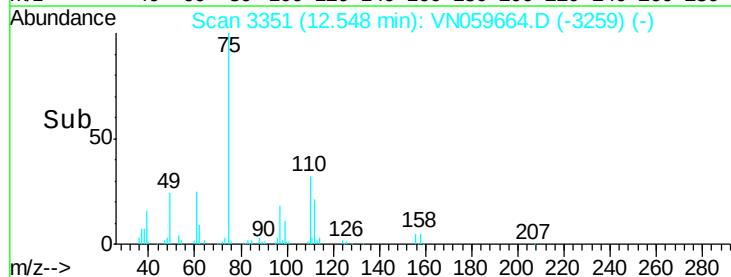
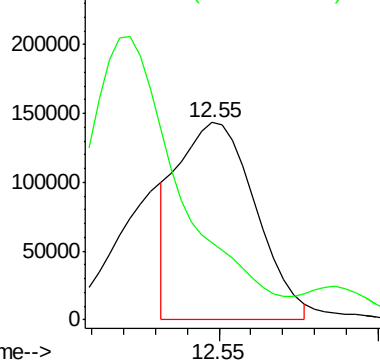
Lab File: VN059664.D

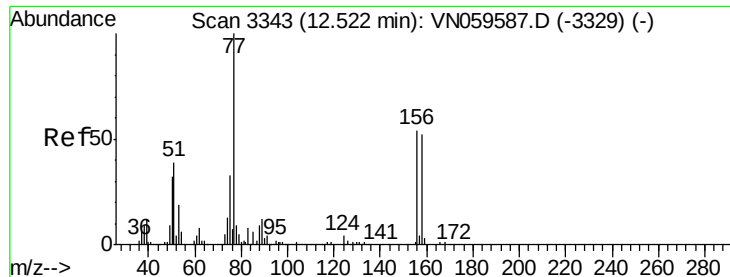
Acq: 19 Dec 2019 11:46

Tgt Ion:	75	Resp:	244993
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)





#77

Bromobenzene

Concen: 56.524 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

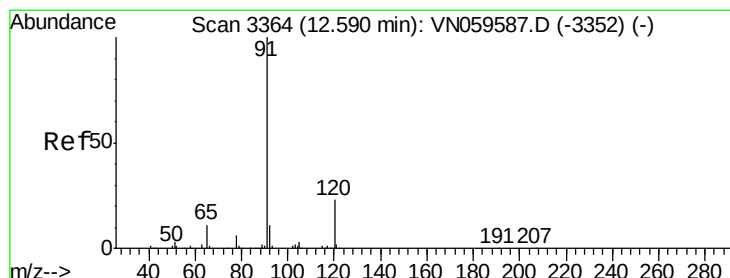
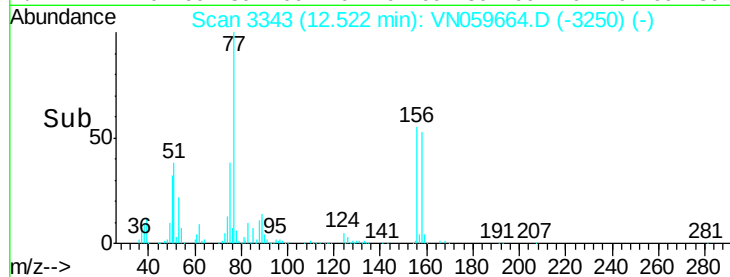
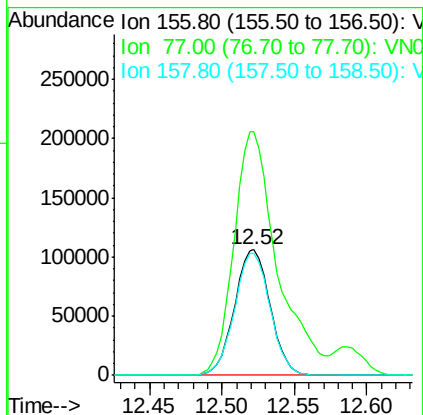
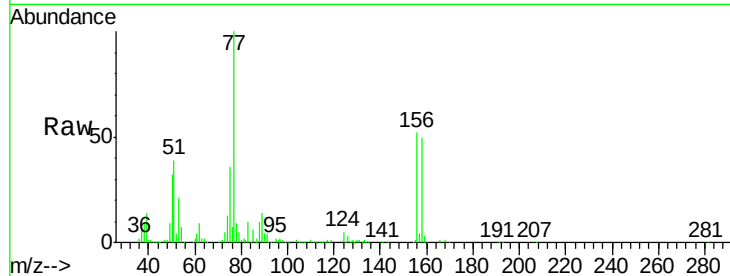
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	181033
Ion Ratio	Lower	Upper	
156	100		
77	235.8	115.8	347.4
158	97.2	49.2	147.6

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#78

n-propylbenzene

Concen: 60.354 ug/l

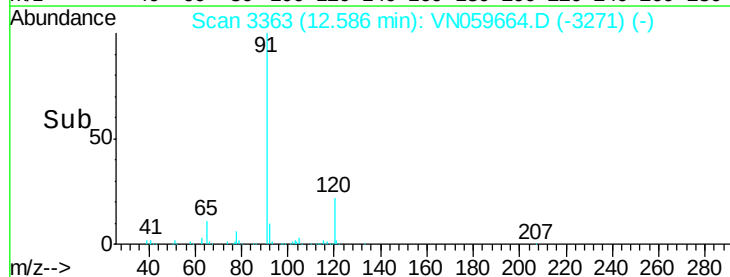
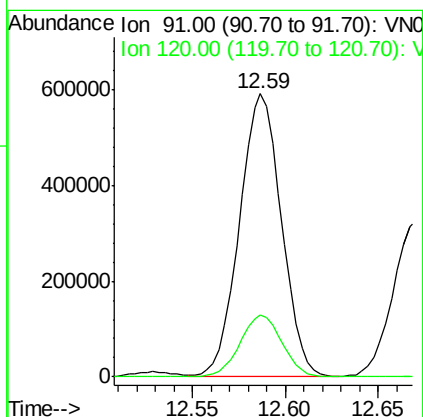
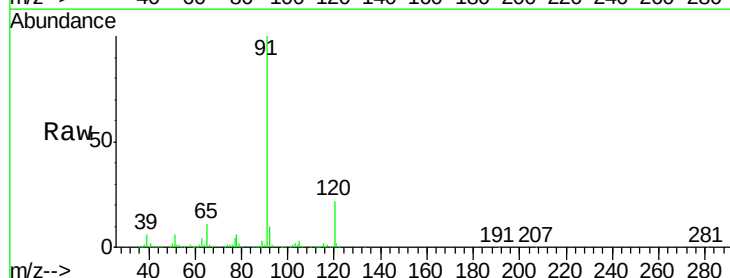
RT: 12.59 min Scan# 3363

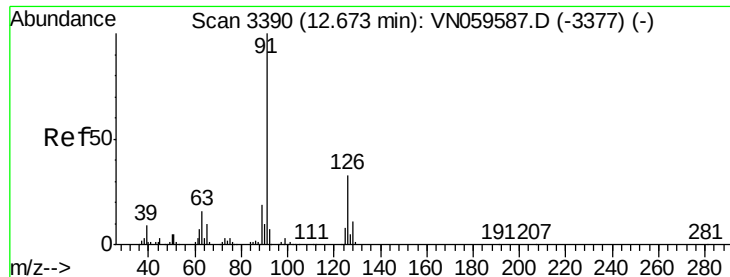
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	91	Resp:	929122
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.1	33.3





#79

2-Chlorotoluene

Concen: 58.026 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 540157

Ion Ratio Lower Upper

91 100

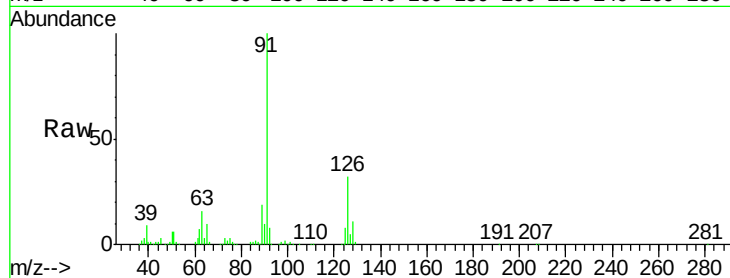
126 32.6 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059587.D (-3377) (-)

600000

500000

400000

300000

200000

100000

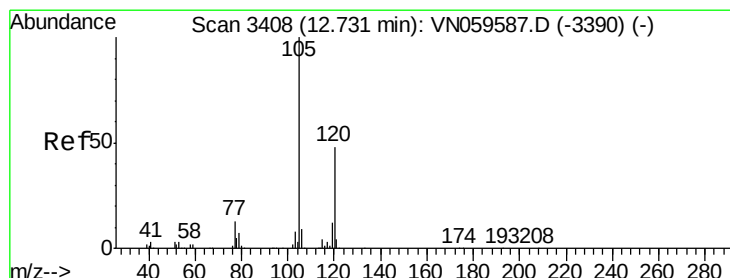
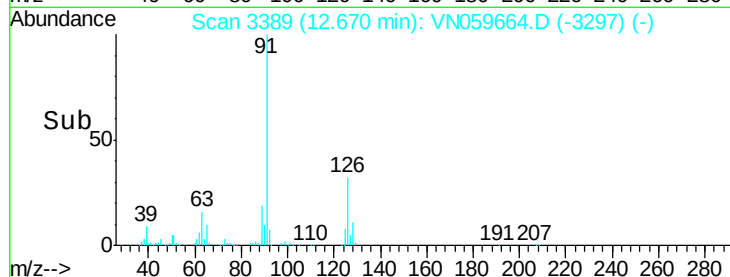
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 59.706 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059664.D

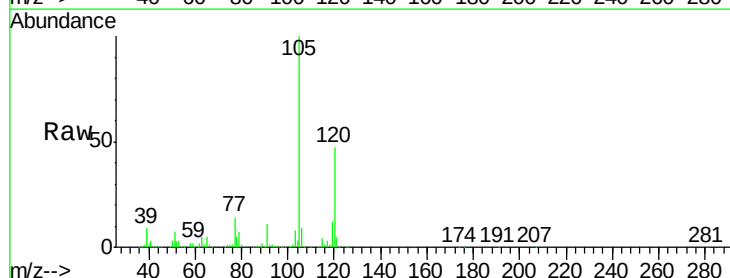
Acq: 19 Dec 2019 11:46

Tgt Ion: 105 Resp: 658013

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3390) (-)

400000

300000

200000

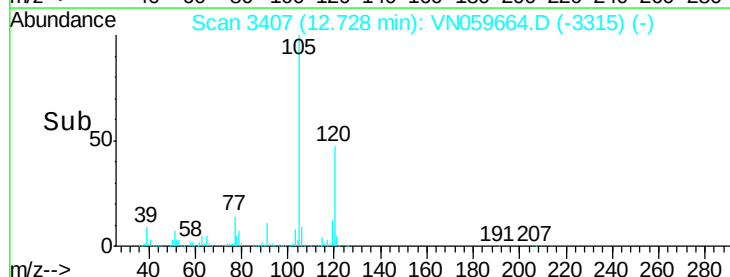
100000

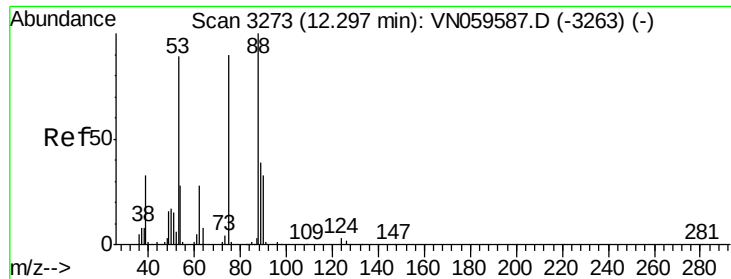
0

12.70

12.80

Time-->





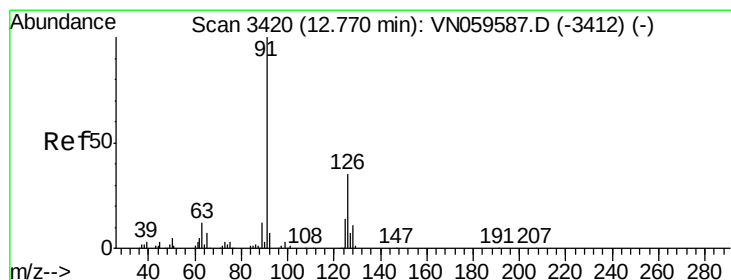
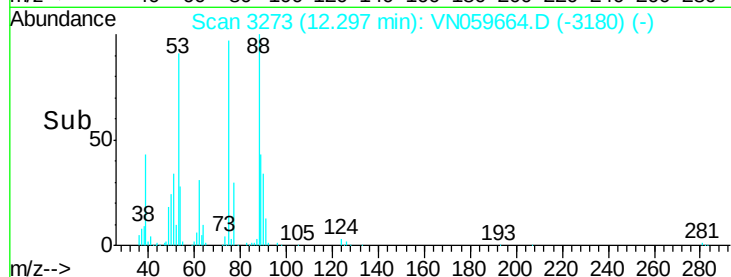
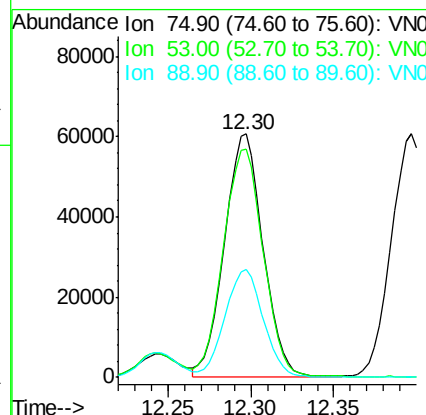
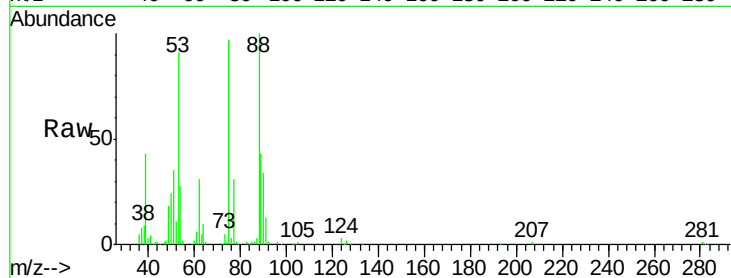
#81
trans-1,4-Dichloro-2-butene
Concen: 59.295 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.2	78.1	117.1
89	44.3	35.4	53.2

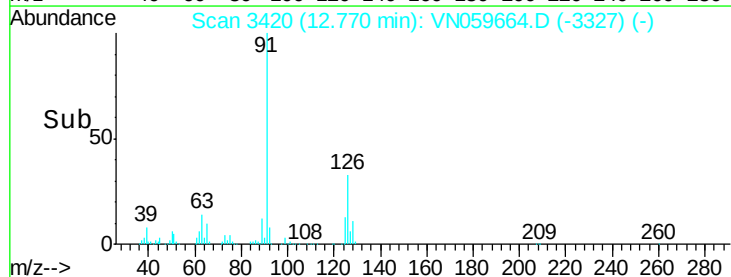
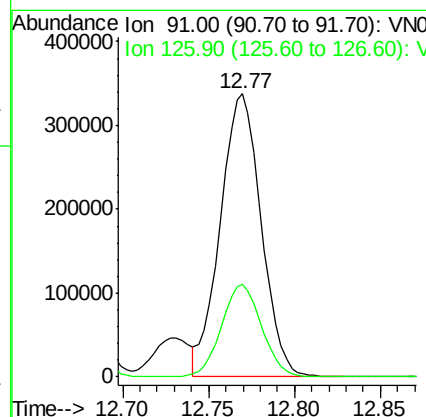
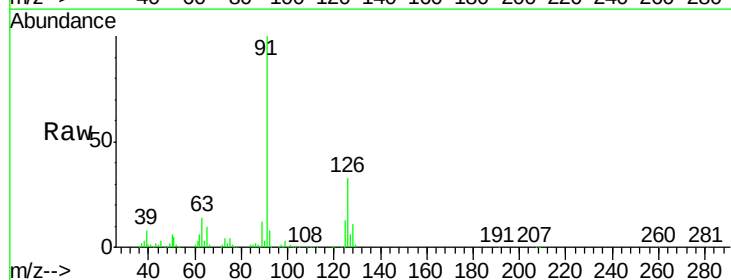
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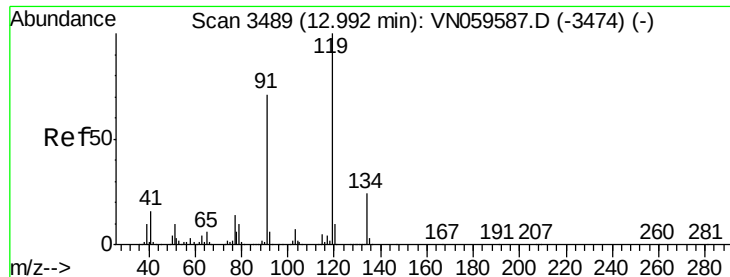
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#82
4-Chlorotoluene
Concen: 58.522 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.8





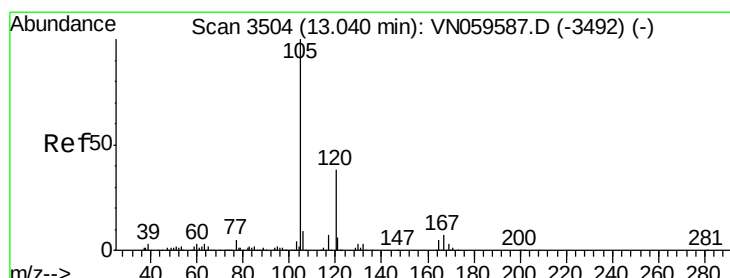
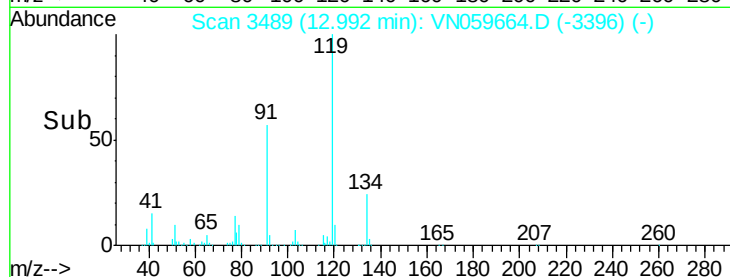
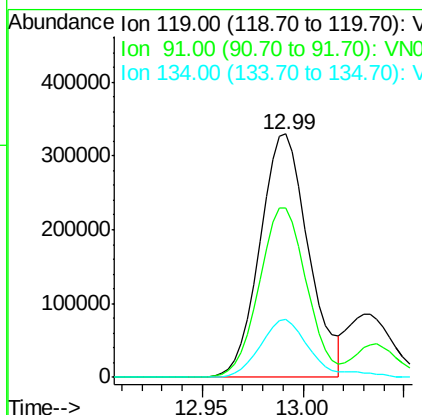
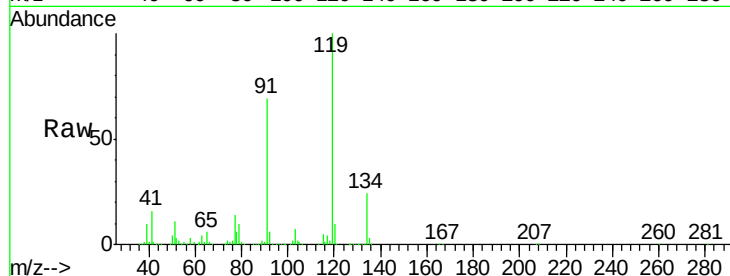
#83
 tert-Butylbenzene
 Concen: 59.194 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.7	34.8	104.4
134	24.7	12.3	36.9

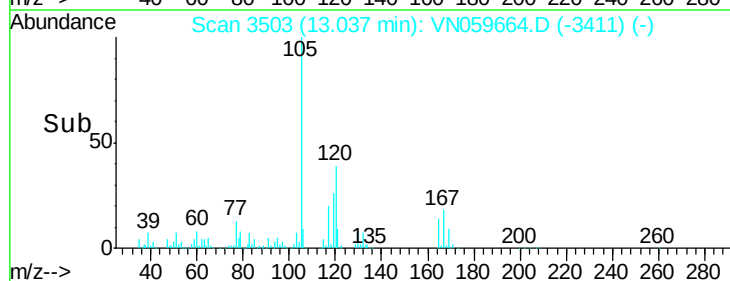
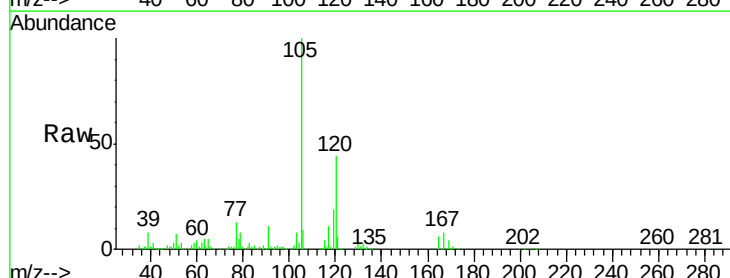
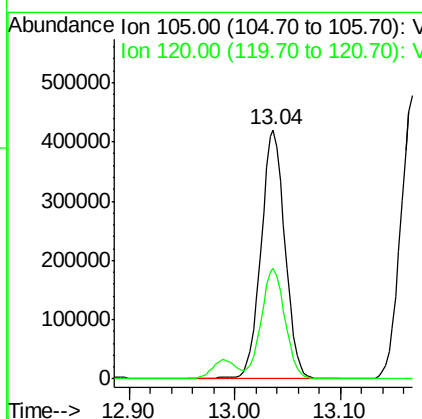
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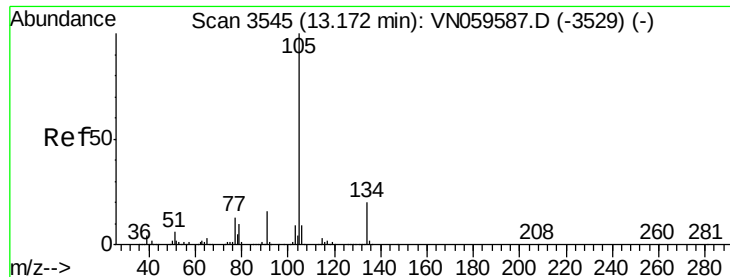
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#84
 1,2,4-Trimethylbenzene
 Concen: 60.723 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN059664.D
 Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.3	66.9





#85

sec-Butylbenzene

Concen: 60.191 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 747281

Ion Ratio Lower Upper

105 100

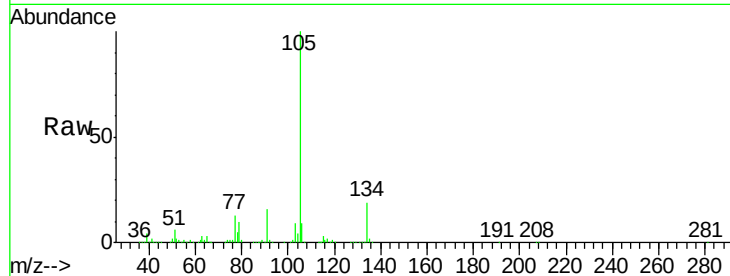
134 19.3 9.8 29.5

Manual Integrations

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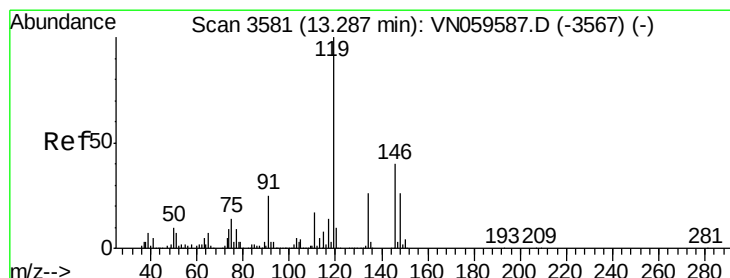
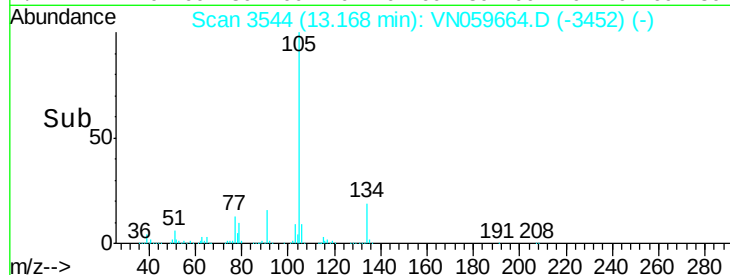
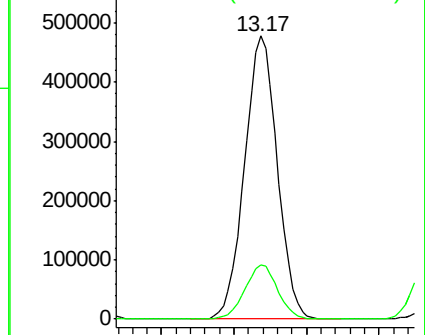
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 60.395 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

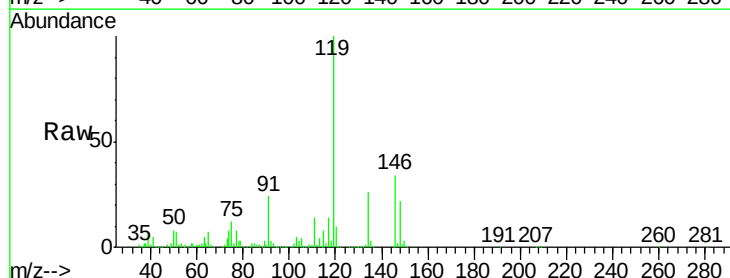
Tgt Ion:119 Resp: 679107

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

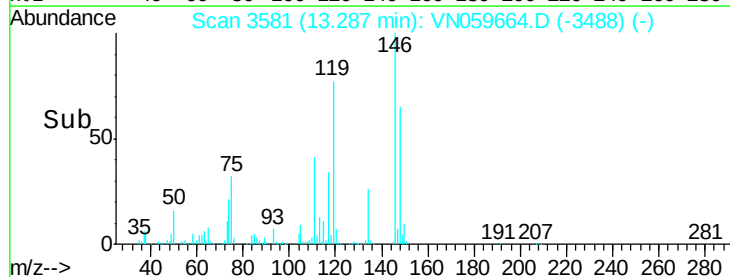
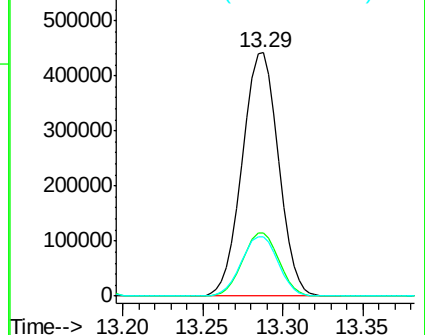
91 24.9 12.4 37.4

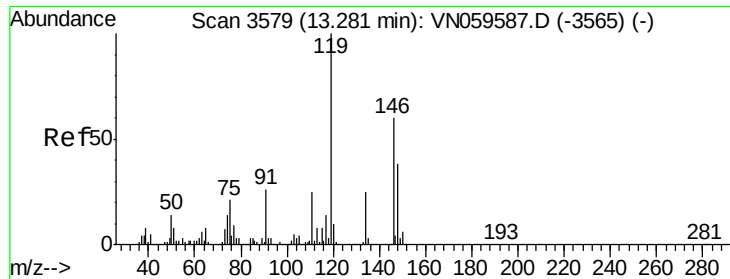


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 56.607 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN059664.D

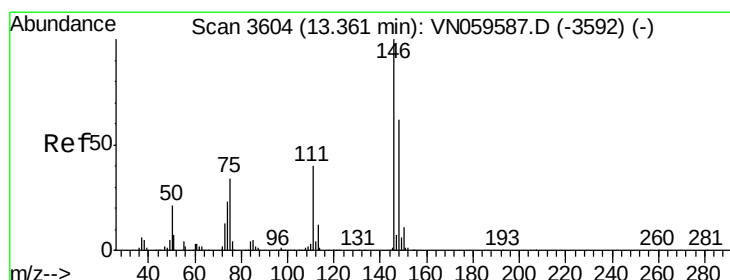
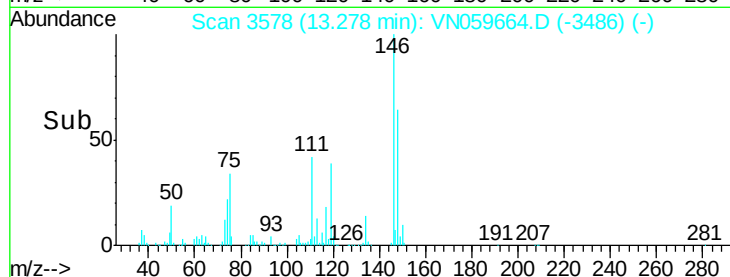
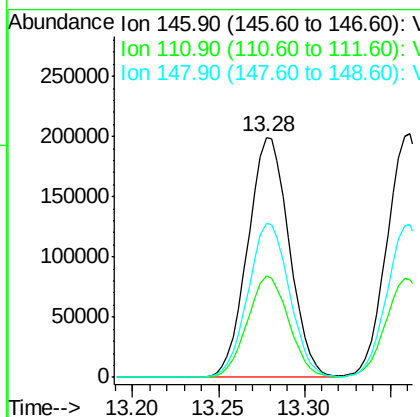
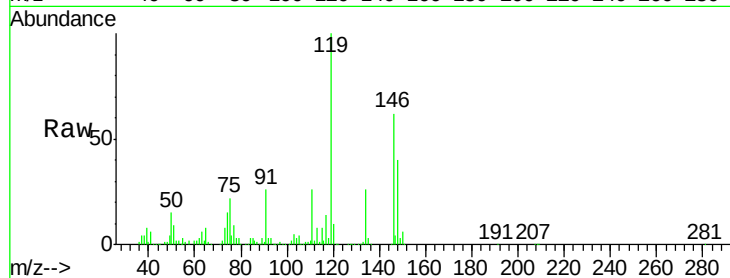
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	333377		
111	42.0	20.8	62.2	
148	64.2	32.0	96.0	

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#88

1,4-Dichlorobenzene

Concen: 55.903 ug/l

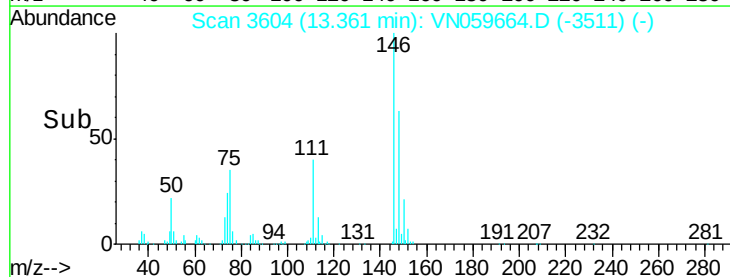
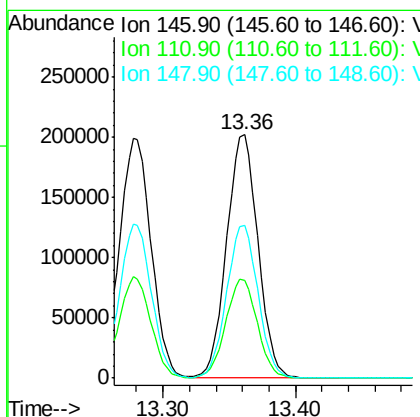
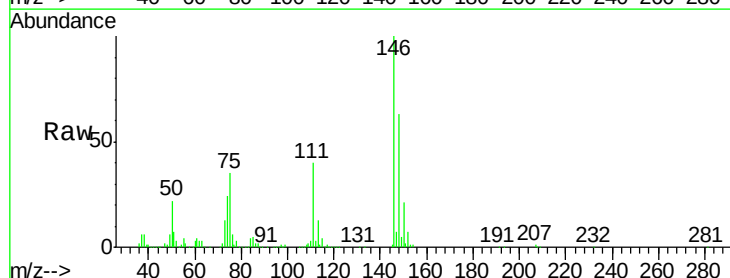
RT: 13.36 min Scan# 3604

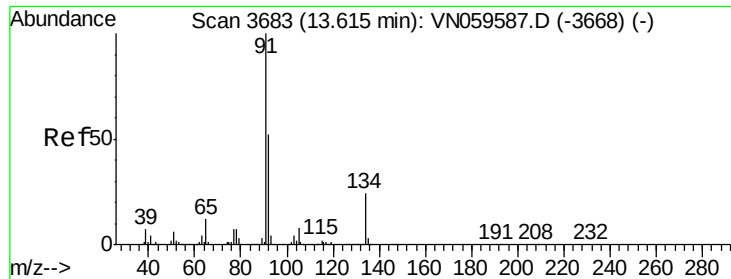
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331938		
111	40.8	20.8	62.2	
148	63.1	31.8	95.4	





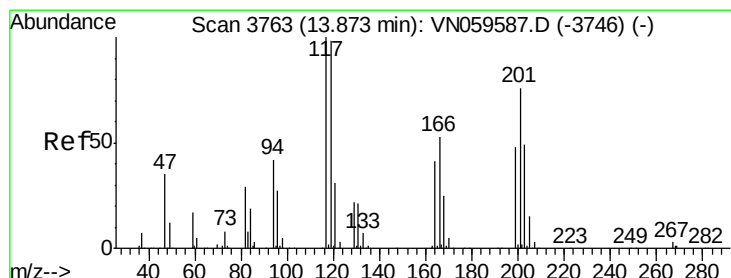
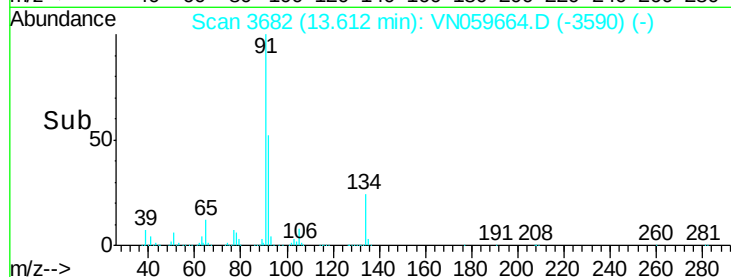
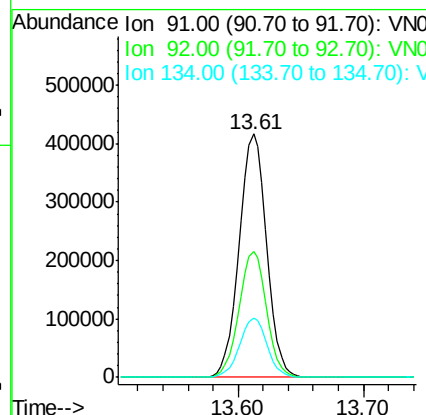
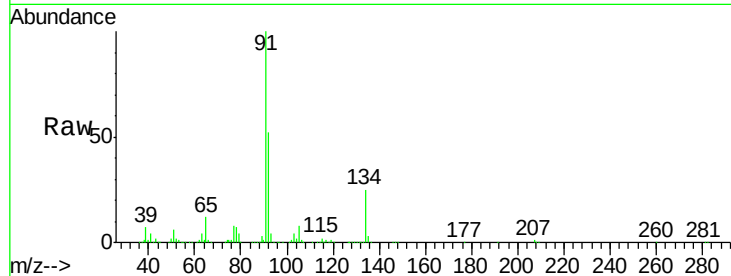
#89
n-Butylbenzene
Concen: 59.939 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	24.4	12.3	36.8

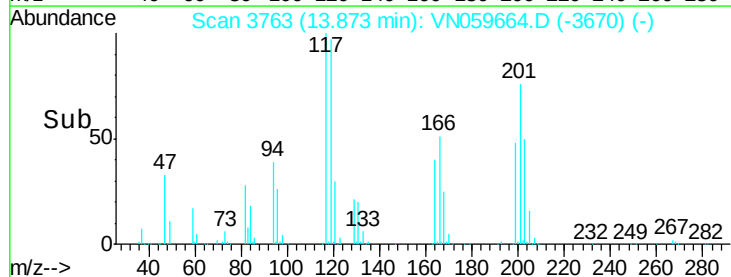
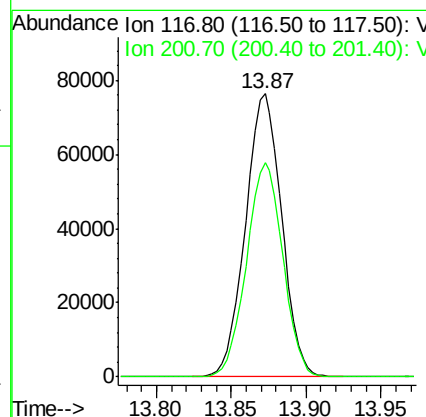
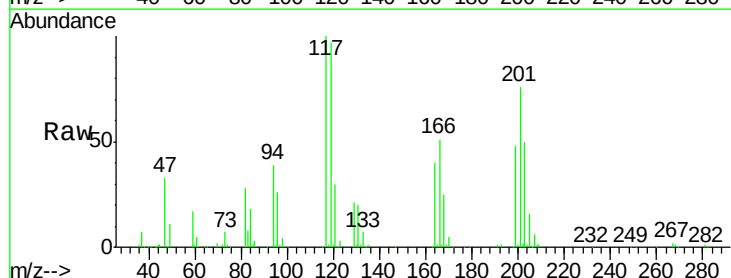
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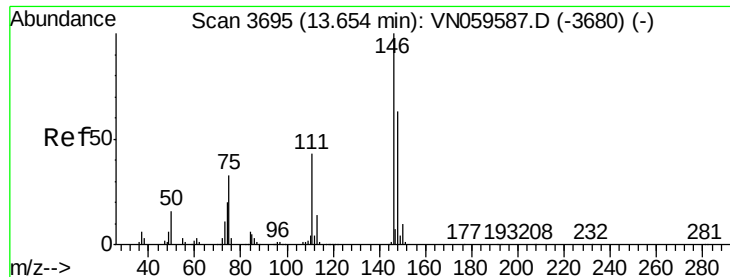
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#90
Hexachloroethane
Concen: 60.518 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.9	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 56.014 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

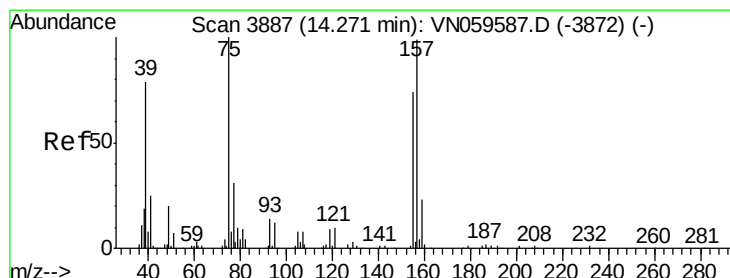
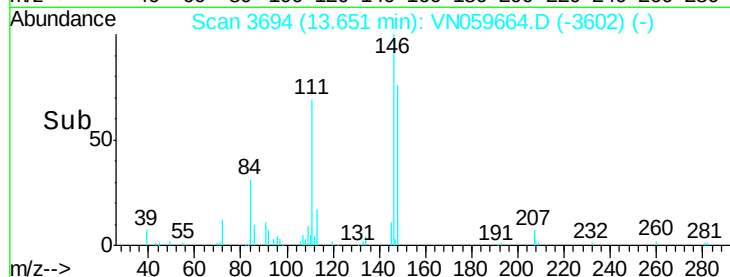
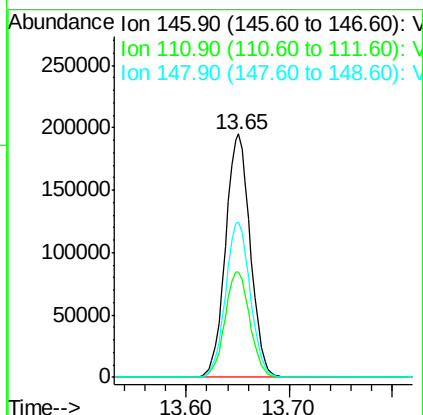
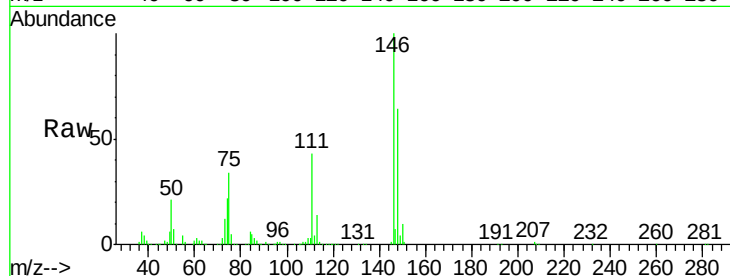
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	325329
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.6	64.8
148	63.8	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.980 ug/l

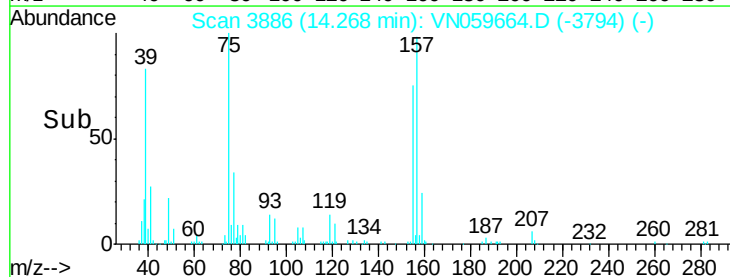
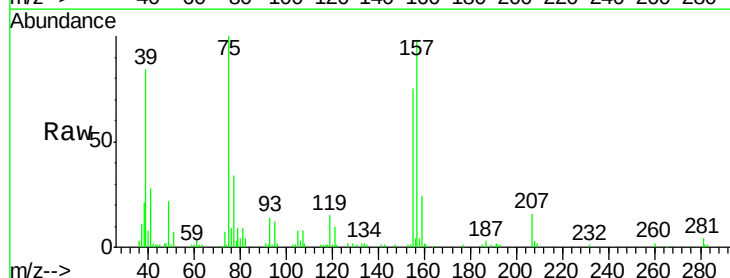
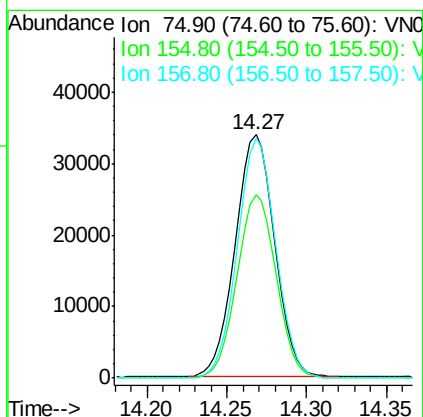
RT: 14.27 min Scan# 3886

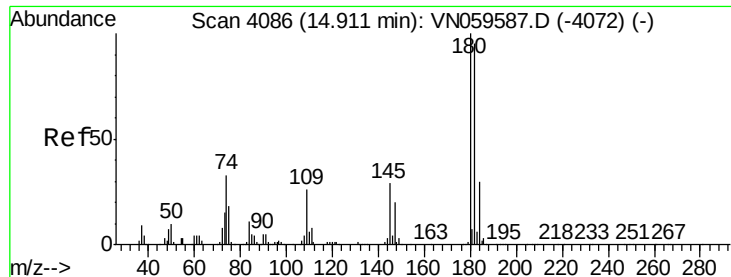
Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	75	Resp:	57090
Ion Ratio	Lower	Upper	
75	100		
155	74.7	37.0	110.9
157	95.8	48.4	145.2





#93

1,2,4-Trichlorobenzene

Concen: 53.846 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Instrument :

MSVOA_N

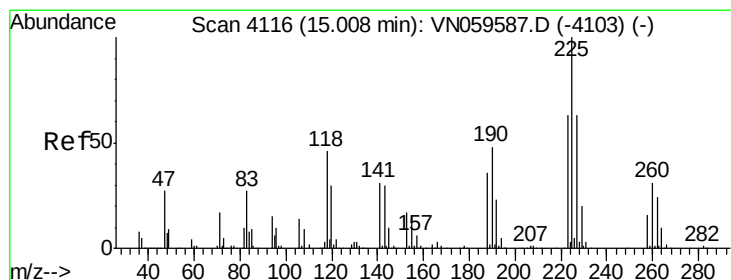
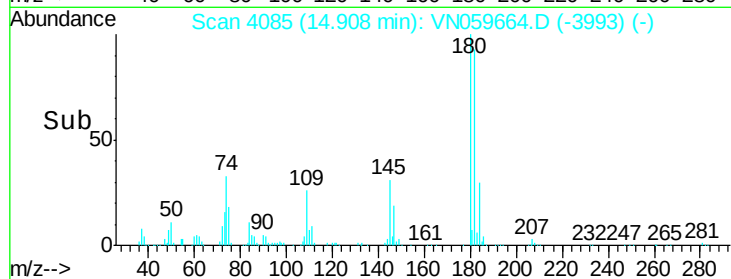
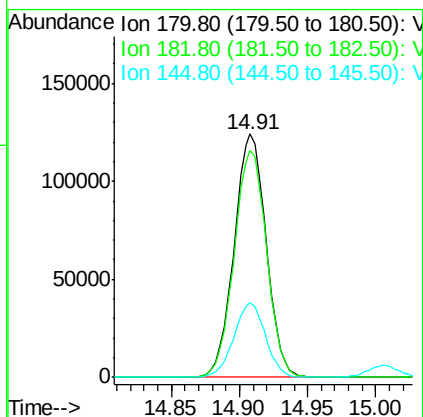
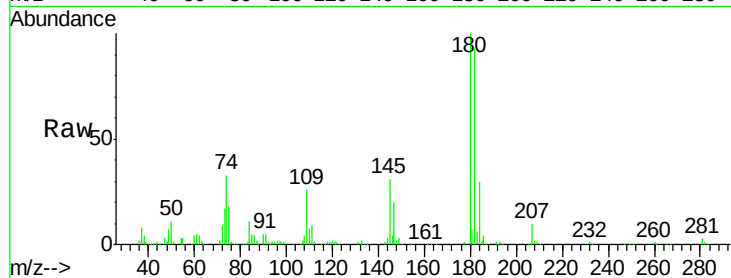
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	201947
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.9	140.7
145	30.4	15.0	45.1

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 55.133 ug/l

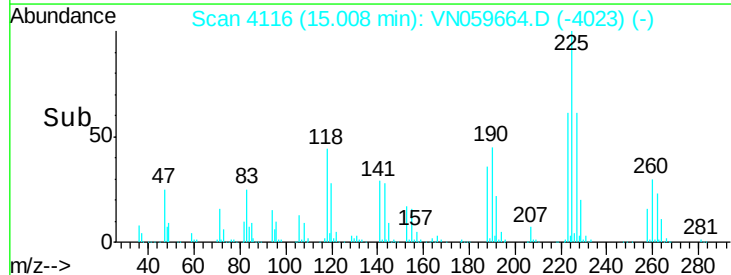
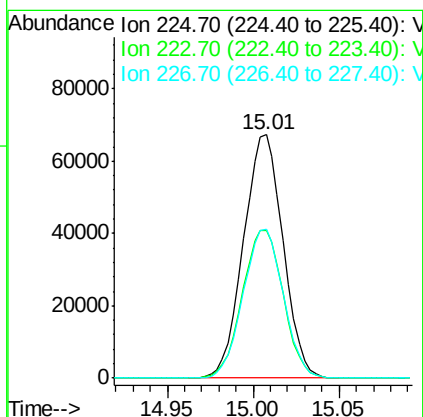
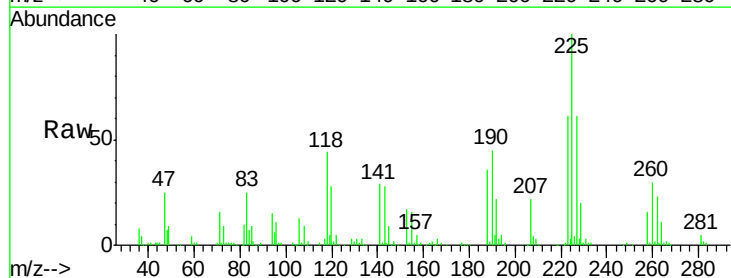
RT: 15.01 min Scan# 4116

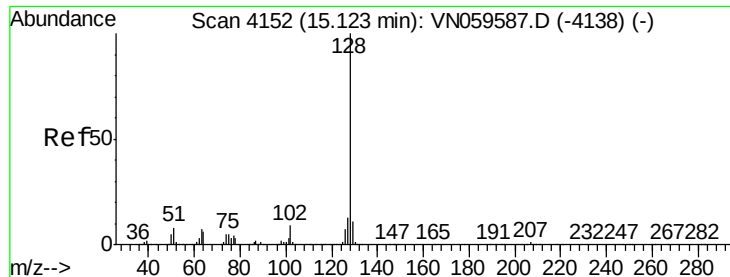
Delta R.T. 0.00 min

Lab File: VN059664.D

Acq: 19 Dec 2019 11:46

Tgt Ion:	225	Resp:	107397
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.8	95.3
227	62.1	32.1	96.5





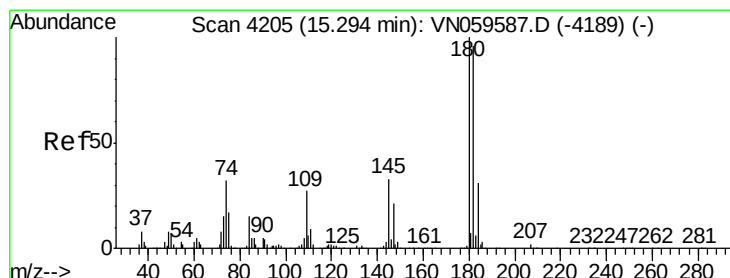
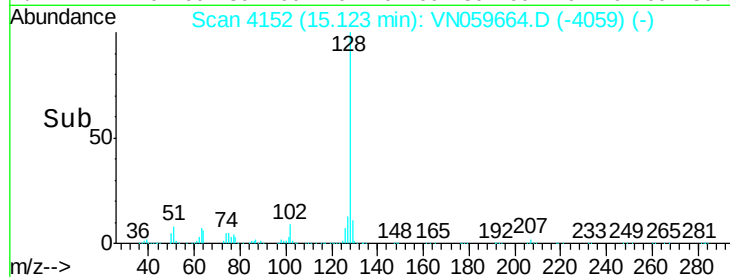
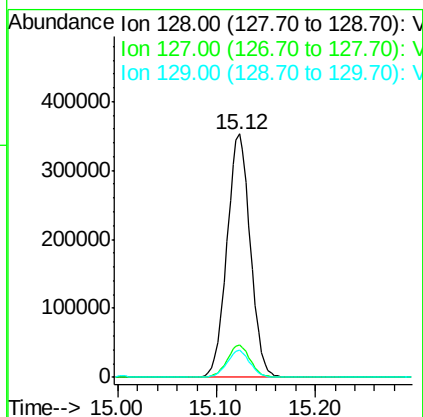
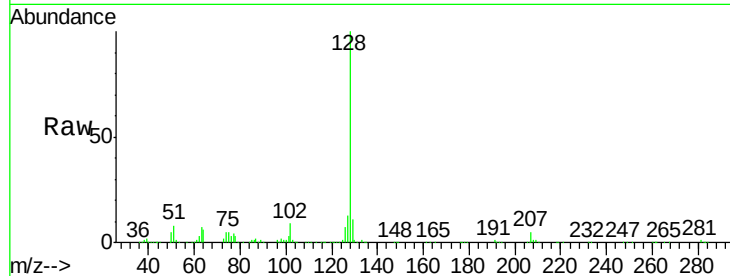
#95
Naphthalene
Concen: 52.199 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
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12/20/2019 9:20:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059664.D
Acq: 19 Dec 2019 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	31.9	16.3	48.9

