

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055145.D
 Acq On : 19 Apr 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:07:23 AM

Quant Time: Apr 20 04:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	443060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	697787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	288498	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	7.59	113	231695	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.09	98	840312	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	287462	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	228737	45.428	ug/l	100
3) Chloromethane	2.06	50	284372	43.301	ug/l	99
4) Vinyl Chloride	2.18	62	234414	42.466	ug/l	97
5) Bromomethane	2.55	94	128193	41.051	ug/l	97
6) Chloroethane	2.69	64	126446	42.477	ug/l	94
7) Trichlorofluoromethane	3.01	101	351484	50.914	ug/l	97
8) Diethyl Ether	3.41	74	136919	62.133	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	222735	61.652	ug/l	99
10) Methyl Iodide	3.95	142	310661	55.412	ug/l	93
11) Tert butyl alcohol	4.79	59	116875	362.047	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	208206	59.207	ug/l	90
13) Acrolein	3.61	56	83265	208.674	ug/l	96
14) Allyl chloride	4.32	41	440093	51.127	ug/l	99
15) Acrylonitrile	4.99	53	547897	283.676	ug/l	99
16) Acetone	3.82	43	570141	356.677	ug/l	93
17) Carbon Disulfide	4.05	76	496153	43.707	ug/l	100
18) Methyl Acetate	4.33	43	273760	59.505	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	674241	53.598	ug/l	100
20) Methylene Chloride	4.55	84	254653	45.318	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	222611	46.805	ug/l	95
22) Diisopropyl ether	5.95	45	921832	52.095	ug/l	96
23) Vinyl Acetate	5.90	43	3356222	286.947	ug/l	100
24) 1,1-Dichloroethane	5.85	63	466924	49.551	ug/l	99
25) 2-Butanone	6.84	43	752218	315.301	ug/l	99
26) 2,2-Dichloropropane	6.82	77	337285	56.711	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	268436	49.887	ug/l	99
28) Bromochloromethane	7.20	49	230455	50.734	ug/l #	99
29) Tetrahydrofuran	7.21	42	459128	293.471	ug/l	99
30) Chloroform	7.37	83	449760	49.137	ug/l	97
31) Cyclohexane	7.65	56	410444	49.248	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	368507	50.816	ug/l	99
36) 1,1-Dichloropropene	7.79	75	326840	49.687	ug/l	99
37) Ethyl Acetate	6.93	43	293433	54.794	ug/l	100
38) Carbon Tetrachloride	7.78	117	307501	49.135	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	345778	48.510	ug/l	99
40) Benzene	8.04	78	985148	49.692	ug/l	99
41) Methacrylonitrile	7.18	41	144355	48.561	ug/l #	90
42) 1,2-Dichloroethane	8.12	62	349037	50.709	ug/l	99
43) Isopropyl Acetate	8.17	43	494583	59.937	ug/l #	88
44) Trichloroethene	8.84	130	252827	50.915	ug/l	98
45) 1,2-Dichloropropane	9.12	63	287821	52.057	ug/l	98
46) Dibromomethane	9.21	93	164463	52.260	ug/l	100
47) Bromodichloromethane	9.40	83	345402	53.235	ug/l	99
48) Methyl methacrylate	9.20	41	244756	59.843	ug/l	99
49) 1,4-Dioxane	9.20	88	59205	1545.084	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1472453	308.873	ug/l	99
52) Toluene	10.16	92	587298	51.723	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	341676	60.258	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	401112	56.997	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	227357	51.971	ug/l	97
56) Ethyl methacrylate	10.43	69	323003	61.523	ug/l	98
57) 1,3-Dichloropropane	10.71	76	399142	53.589	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	514111	224.107	ug/l	99
59) 2-Hexanone	10.75	43	965788	322.549	ug/l	100
60) Dibromochloromethane	10.90	129	243972	57.112	ug/l	98
61) 1,2-Dibromoethane	11.01	107	221955	55.123	ug/l	99
64) Tetrachloroethene	10.63	164	232984	47.128	ug/l	98
65) Chlorobenzene	11.43	112	613464	50.129	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	237070	52.671	ug/l	99
67) Ethyl Benzene	11.51	91	1123592	51.413	ug/l	100
68) m/p-Xylenes	11.62	106	823163	104.018	ug/l	100
69) o-Xylene	11.95	106	404370	52.756	ug/l	99
70) Styrene	11.96	104	676629	54.536	ug/l	99
71) Bromoform	12.13	173	157315	60.978	ug/l #	100
73) Isopropylbenzene	12.25	105	1074179	46.477	ug/l	99
74) N-amyl acetate	12.07	43	383967	59.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	297154	48.050	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	245217m	52.357	ug/l	
77) Bromobenzene	12.53	156	264378	45.884	ug/l	98
78) n-propylbenzene	12.59	91	1197093	47.940	ug/l	100
79) 2-Chlorotoluene	12.67	91	731927	46.993	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	878897	47.123	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	73575	62.818	ug/l	91
82) 4-Chlorotoluene	12.77	91	718797	49.466	ug/l	100
83) tert-Butylbenzene	12.99	119	743470	47.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	862067	48.772	ug/l	100
85) sec-Butylbenzene	13.17	105	958587	47.760	ug/l	100
86) p-Isopropyltoluene	13.29	119	849538	49.336	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	443396	50.628	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	426241	51.037	ug/l	99
89) n-Butylbenzene	13.62	91	692862	54.202	ug/l	99
90) Hexachloroethane	13.87	117	141143	50.375	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	430057	48.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44056	57.851	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	194708	48.812	ug/l	98
94) Hexachlorobutadiene	15.01	225	142249	52.265	ug/l	98
95) Naphthalene	15.13	128	441769	47.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	194547	57.230	ug/l	99

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

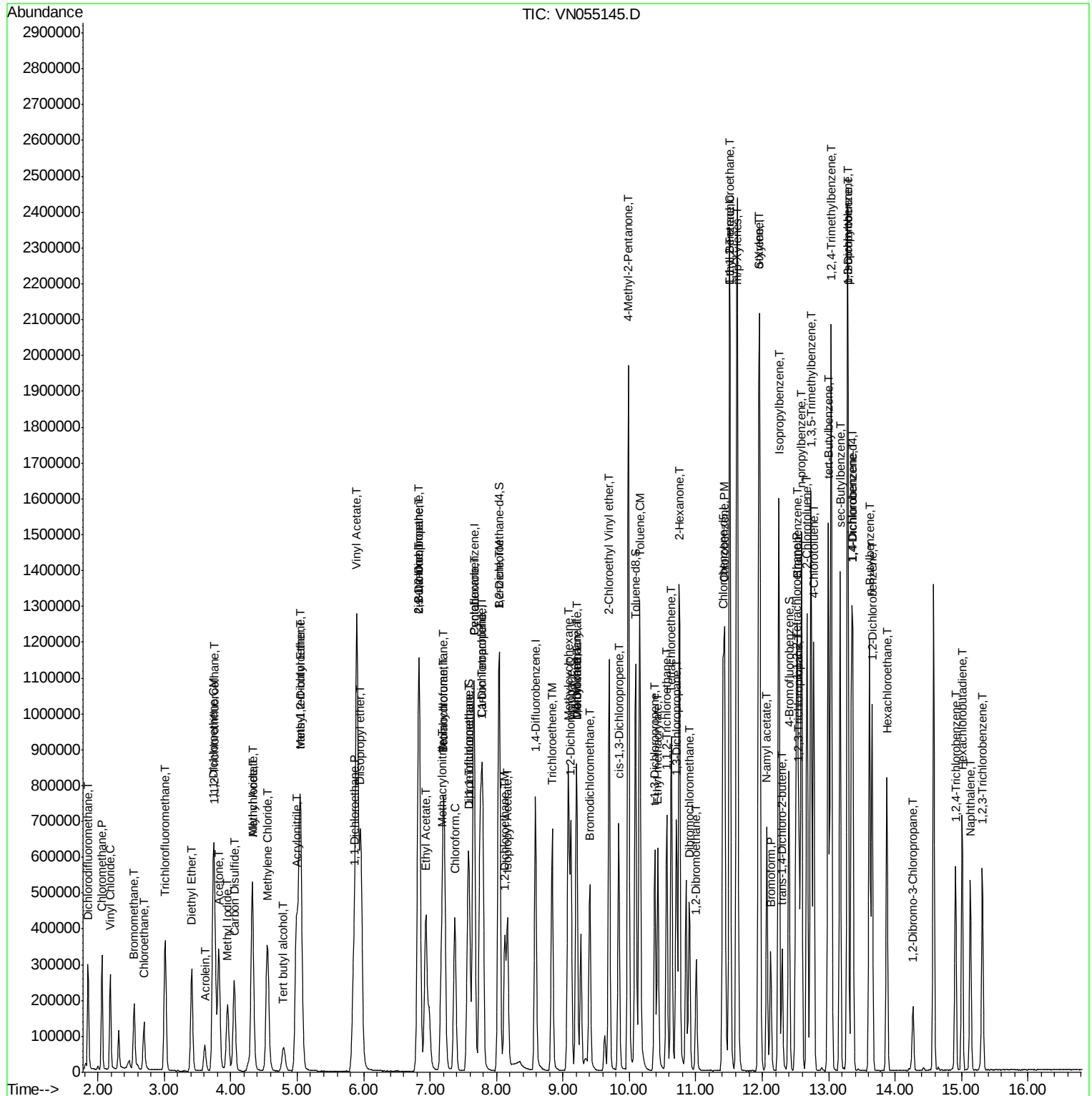
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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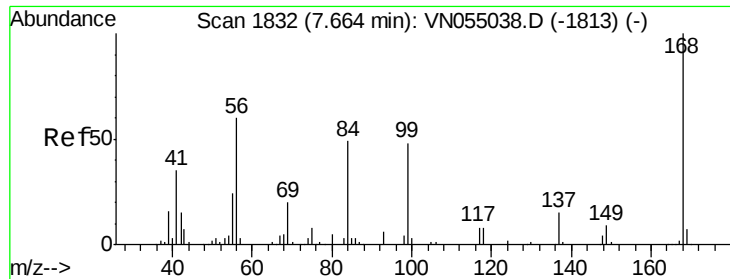
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 443060

Ion Ratio Lower Upper

168 100

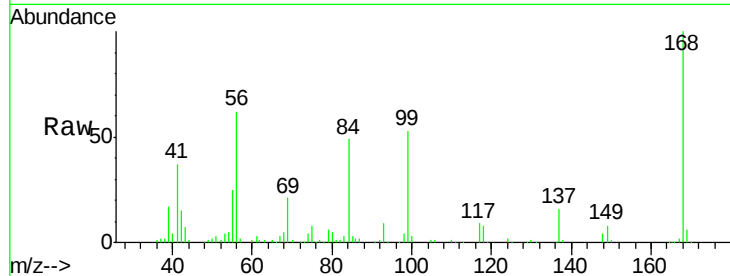
99 52.1 41.9 62.9

Manual Integrations

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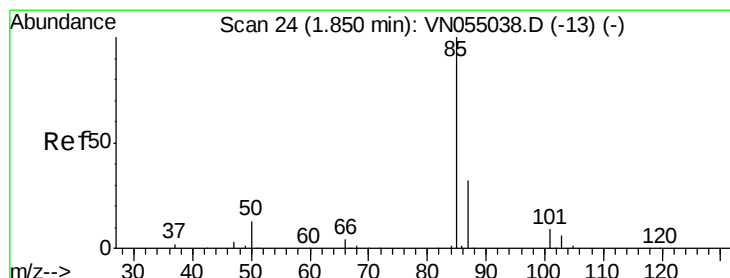
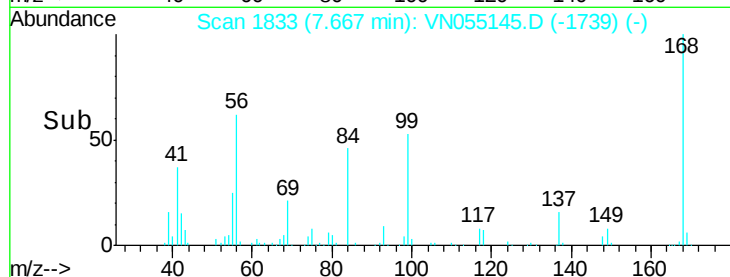
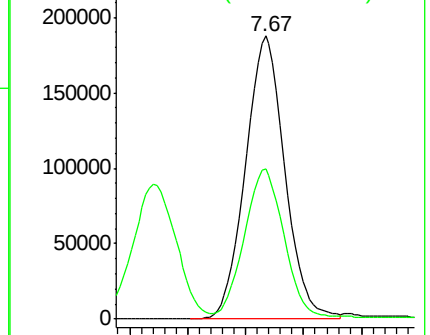
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.428 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055145.D

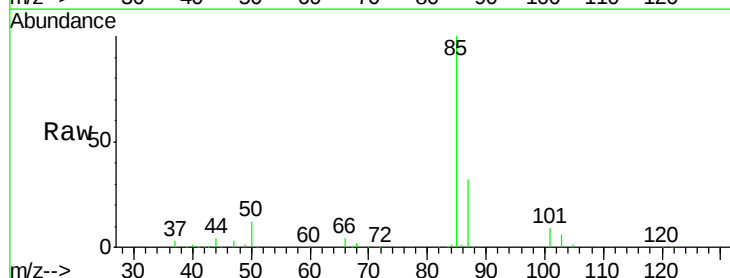
Acq: 19 Apr 2019 17:42

Tgt Ion: 85 Resp: 228737

Ion Ratio Lower Upper

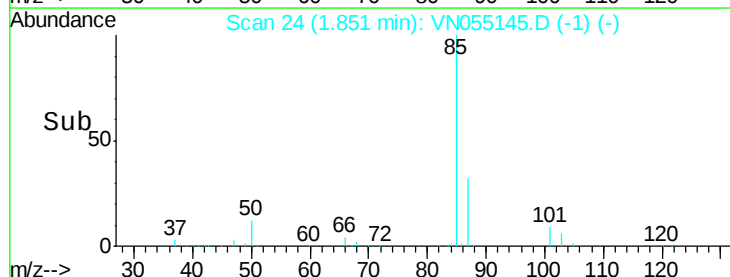
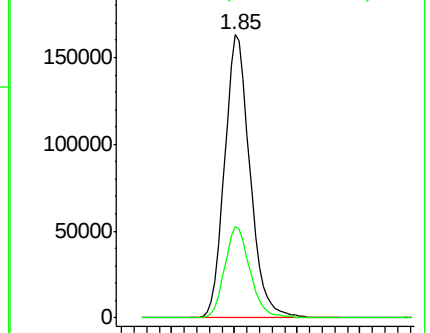
85 100

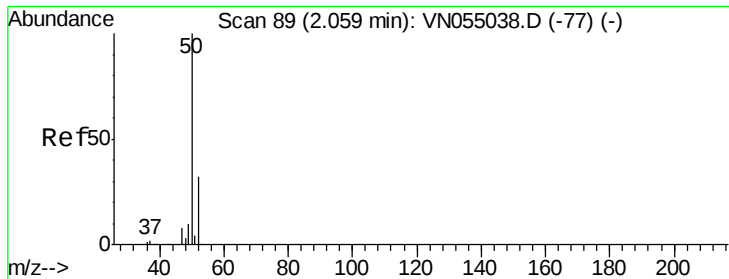
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.301 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 284372

Ion Ratio Lower Upper

50 100

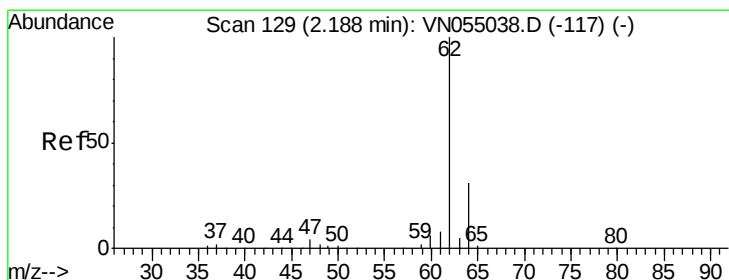
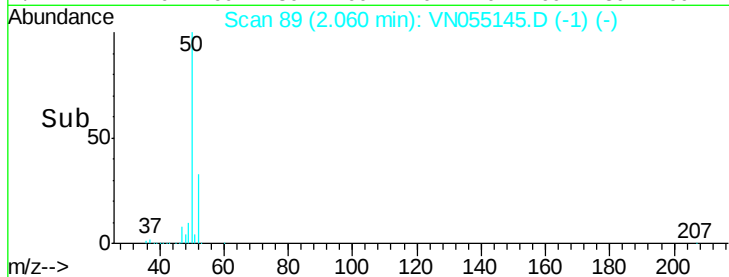
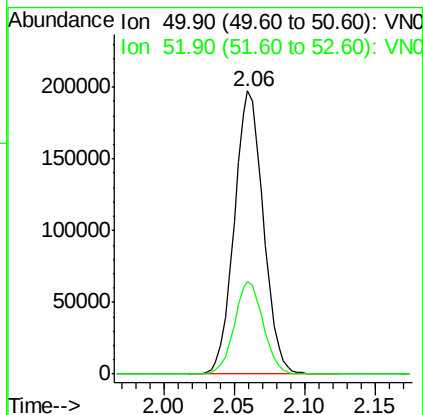
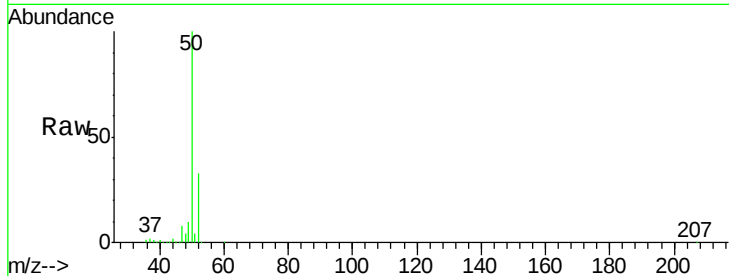
52 33.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.466 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055145.D

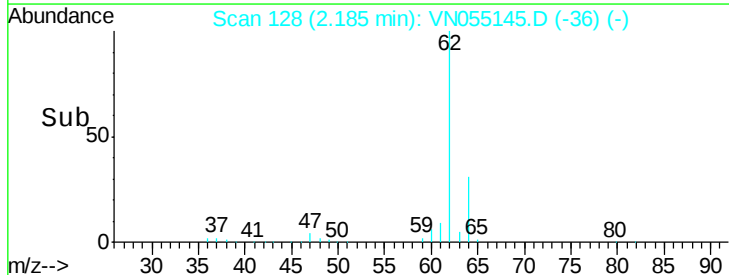
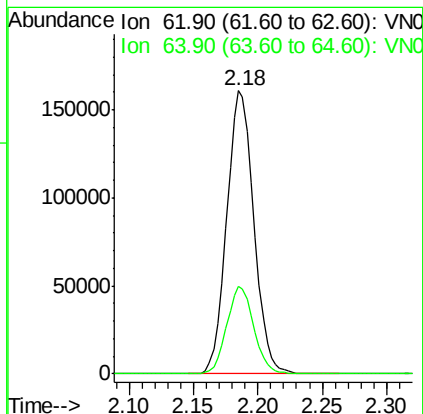
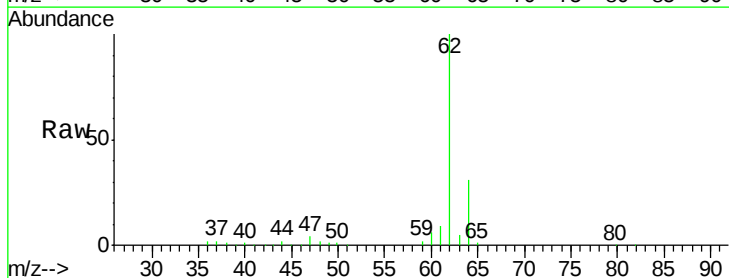
Acq: 19 Apr 2019 17:42

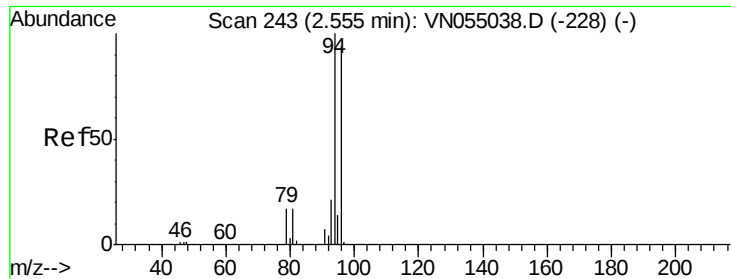
Tgt Ion: 62 Resp: 234414

Ion Ratio Lower Upper

62 100

64 30.7 25.8 38.6





#5

Bromomethane

Concen: 41.051 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

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Tot Ion: 94 Resp: 128193

Ion Ratio Lower Upper

94 100

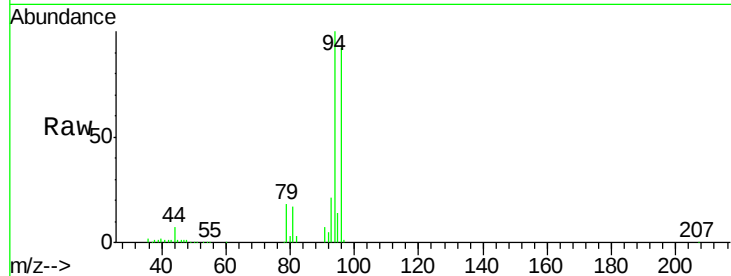
96 92.2 76.2 114.4

Manual Integrations

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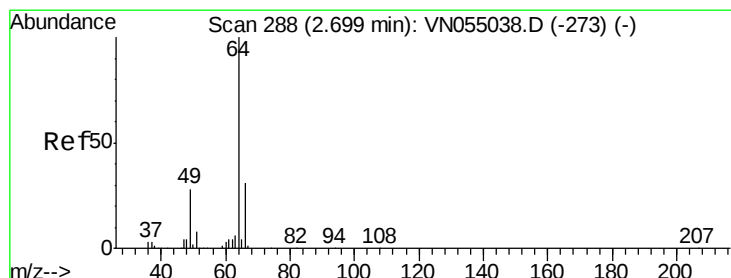
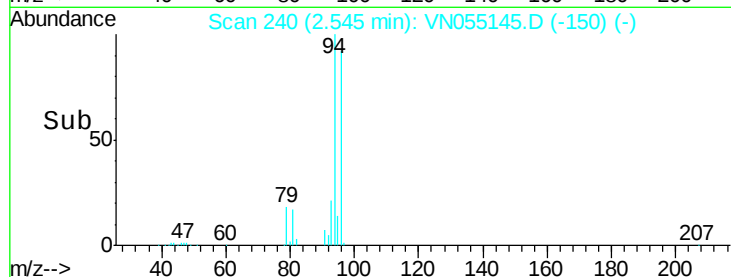
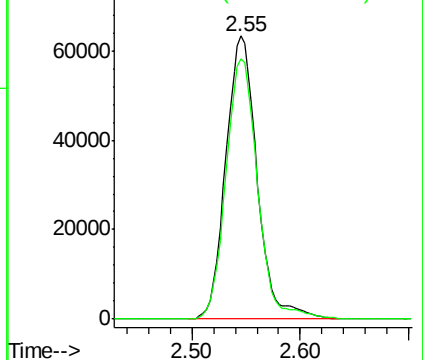
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.477 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055145.D

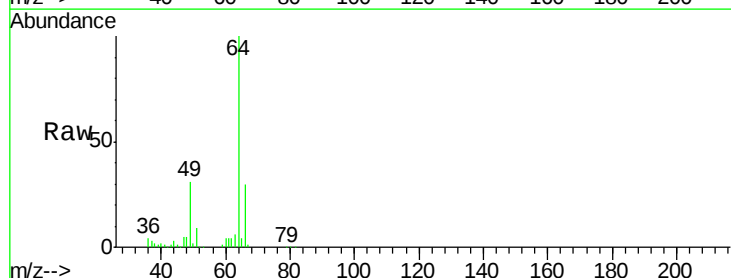
Acq: 19 Apr 2019 17:42

Tgt Ion: 64 Resp: 126446

Ion Ratio Lower Upper

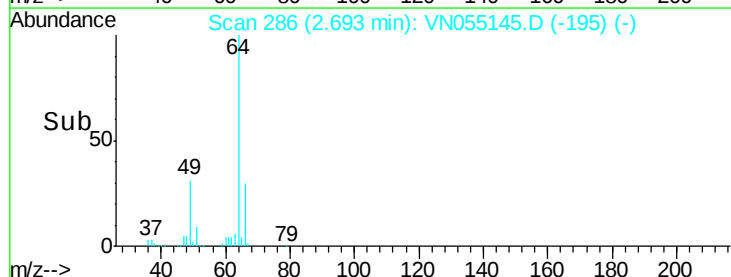
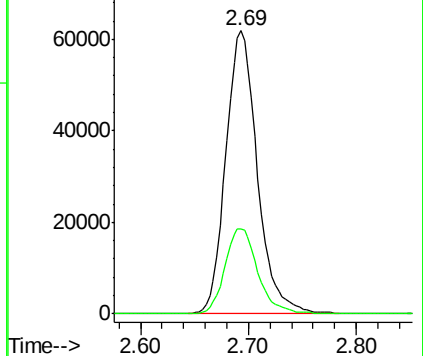
64 100

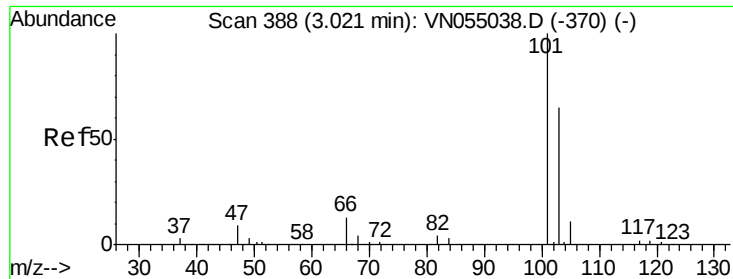
66 30.1 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

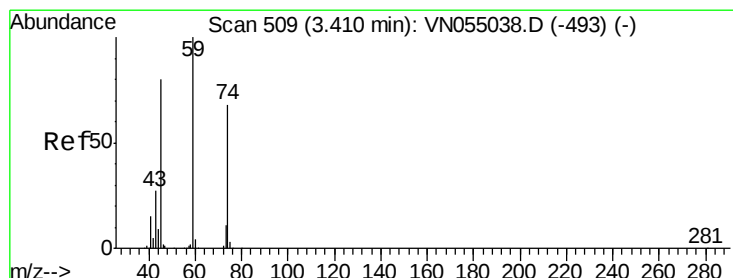
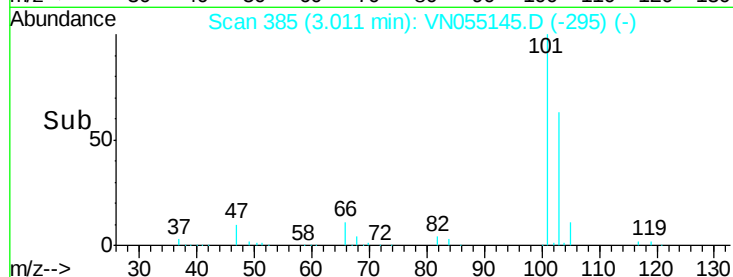
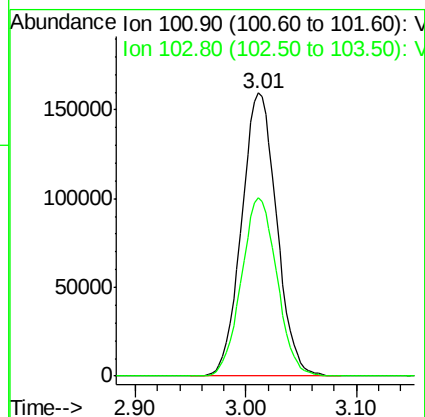
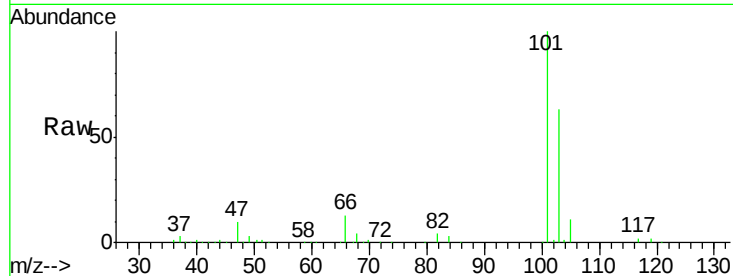
Trichlorofluoromethane
Concen: 50.914 ug/l
RT: 3.01 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 351484
Ion Ratio Lower Upper
101 100
103 63.0 52.5 78.7

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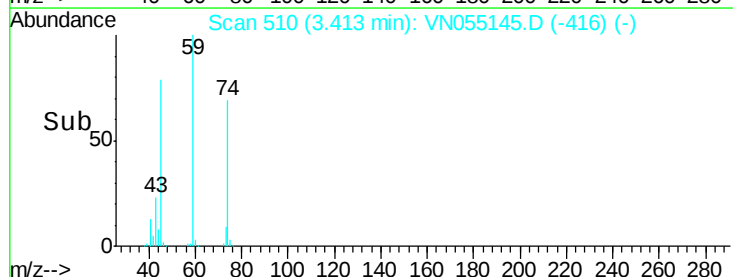
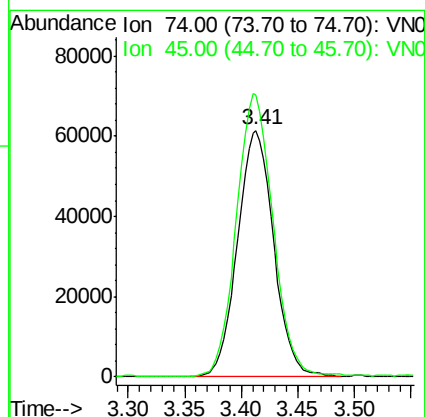
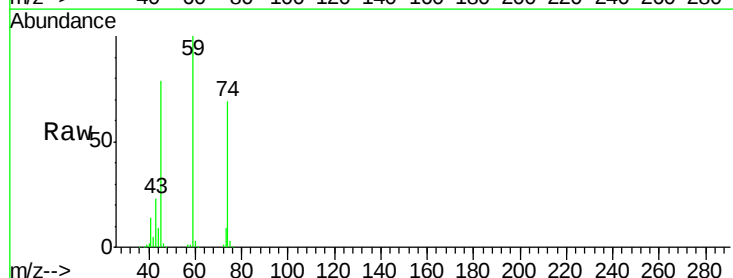
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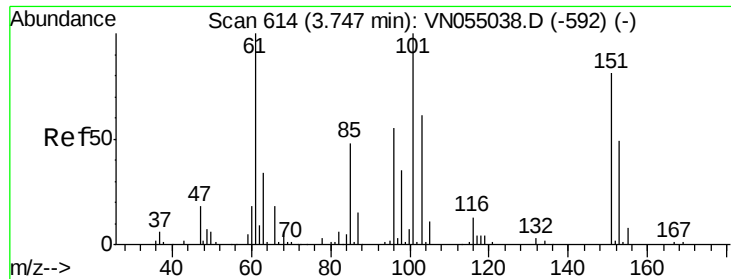


#8

Diethyl Ether
Concen: 62.133 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 74 Resp: 136919
Ion Ratio Lower Upper
74 100
45 115.8 55.7 167.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.652 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

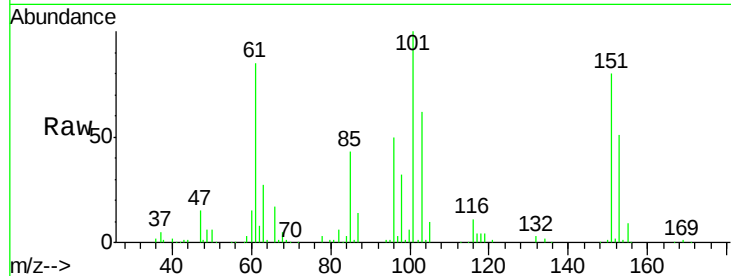
ClientSampleId :

VSTDCCC050

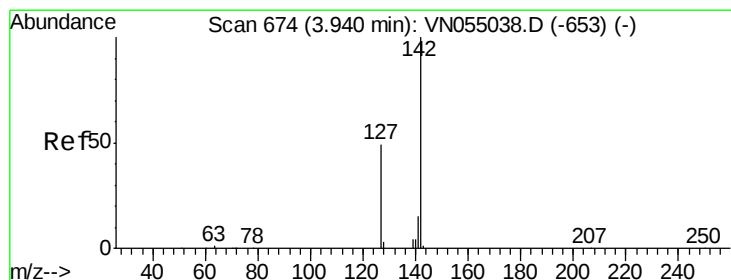
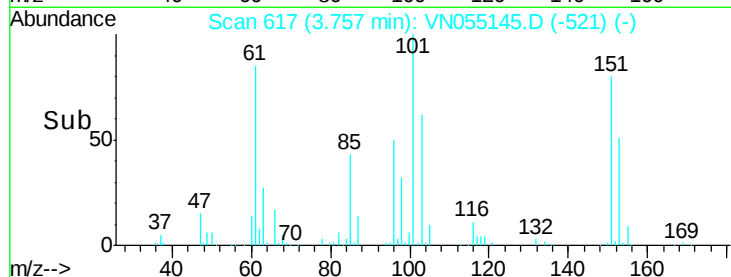
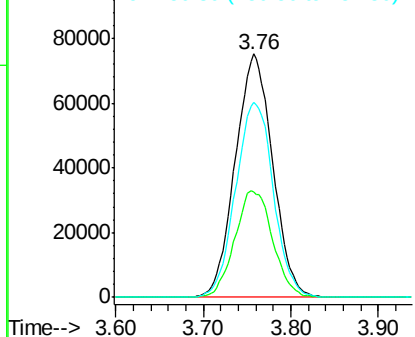
Tot Ion:	101	Resp:	222735
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.9	55.3
151	80.9	64.4	96.6

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



#10

Methyl Iodide

Concen: 55.412 ug/l

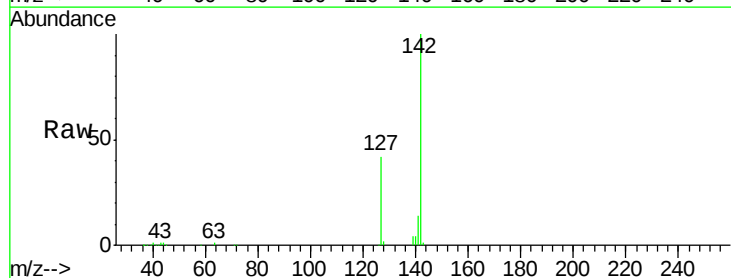
RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

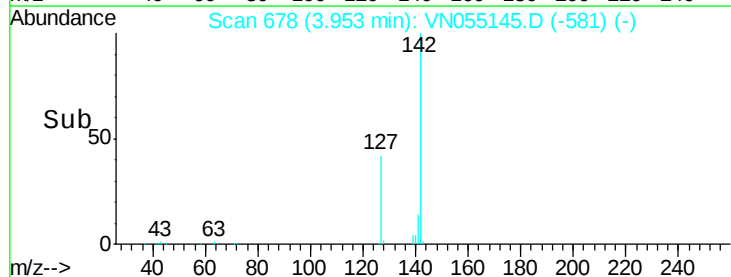
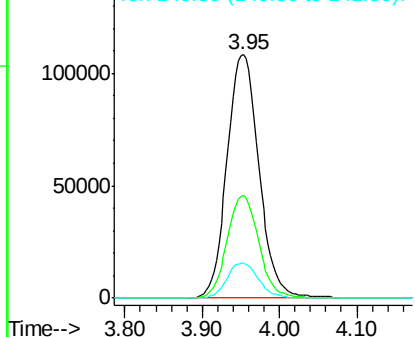
Lab File: VN055145.D

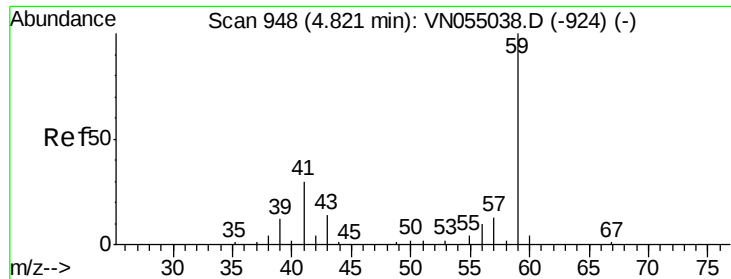
Acq: 19 Apr 2019 17:42

Tgt Ion:	142	Resp:	310661
Ion Ratio	Lower	Upper	
142	100		
127	41.8	37.9	56.9
141	14.2	11.8	17.8



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





#11

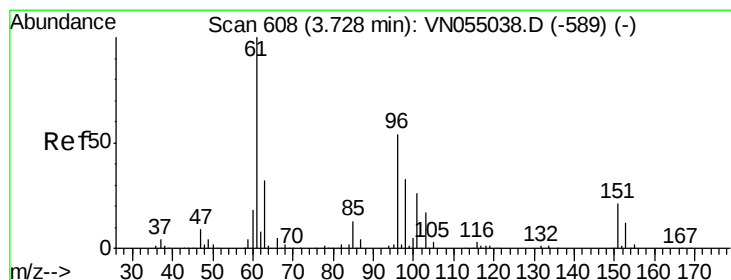
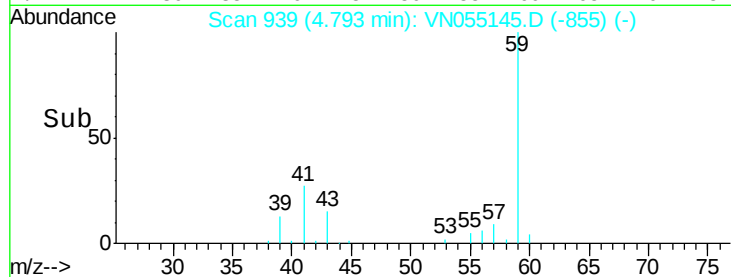
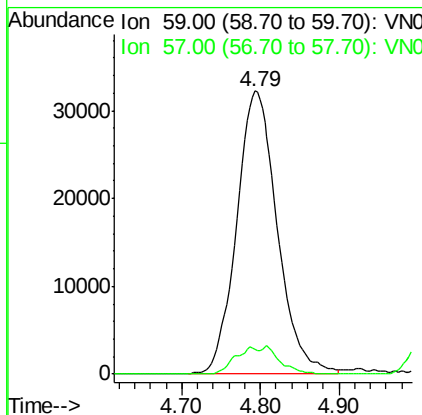
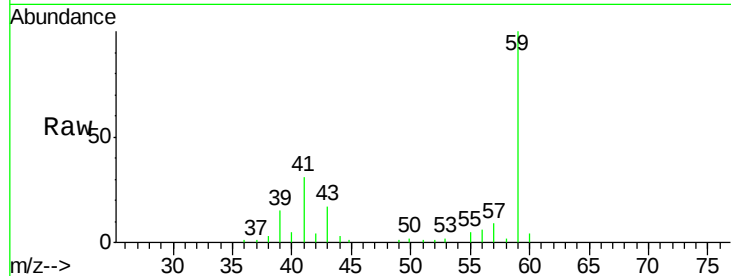
Tert butyl alcohol
 Concen: 362.047 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	116875		
57	5.6	8.3	12.5#	

Manual Integrations
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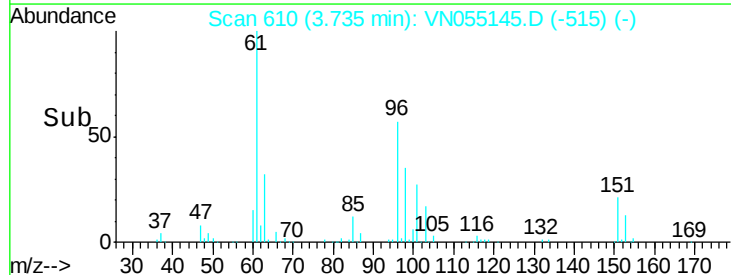
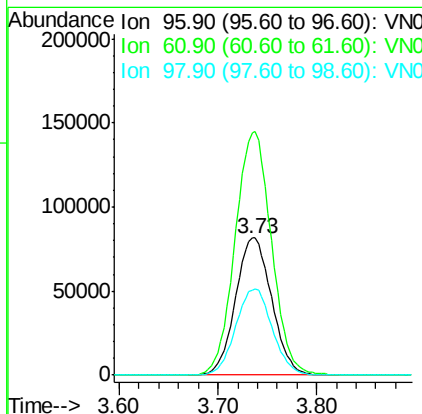
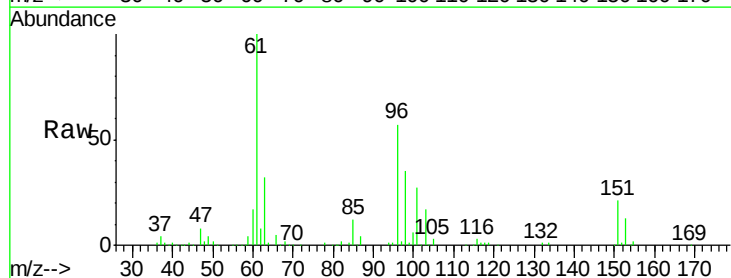
MMDadoda
 4/22/2019 10:07:23 AM

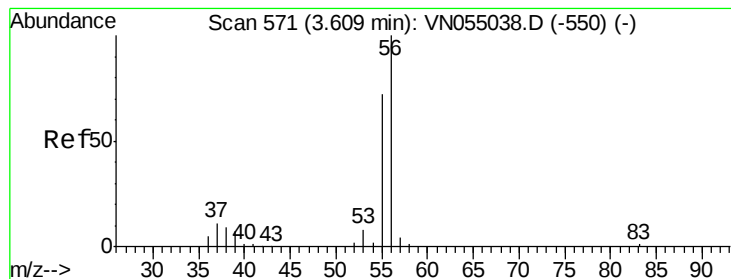


#12

1,1-Dichloroethene
 Concen: 59.207 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	208206		
61	176.3	154.2	231.4	
98	62.2	52.9	79.3	





#13

Acrolein

Concen: 208.674 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83265

Ion Ratio Lower Upper

56 100

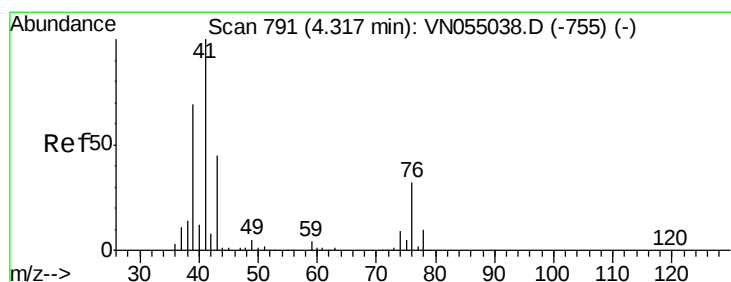
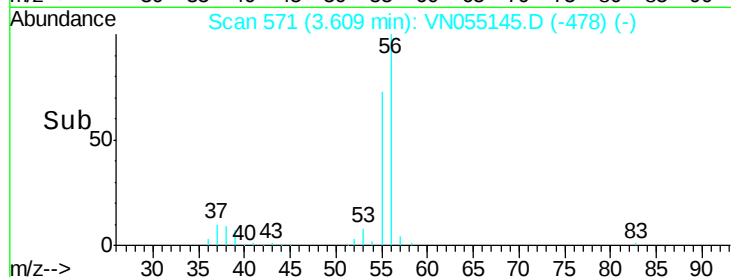
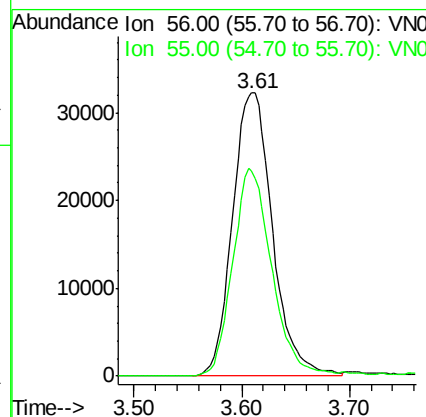
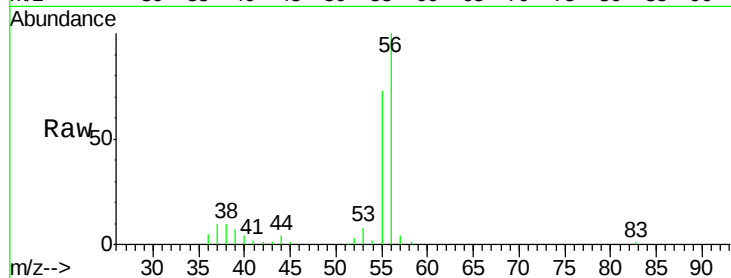
55 71.3 59.5 89.3

Manual Integrations

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#14

Allyl chloride

Concen: 51.127 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

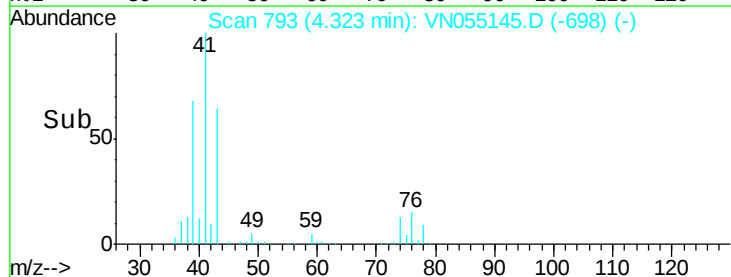
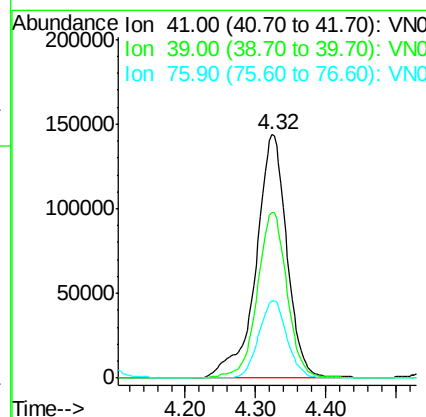
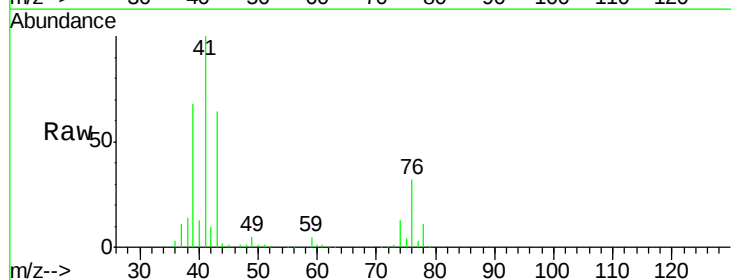
Tgt Ion: 41 Resp: 440093

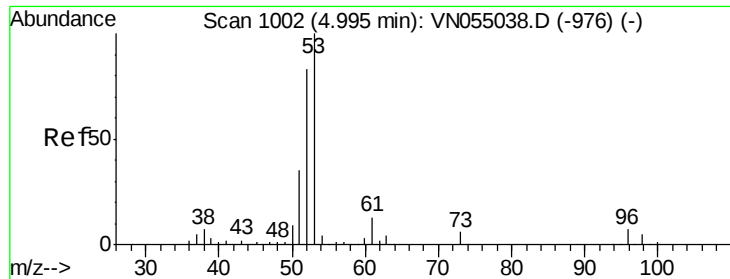
Ion Ratio Lower Upper

41 100

39 65.3 52.7 79.1

76 28.9 23.2 34.8





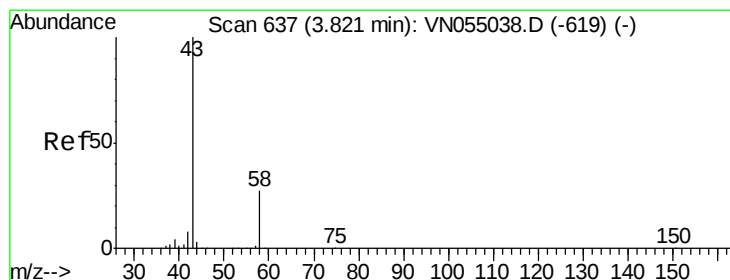
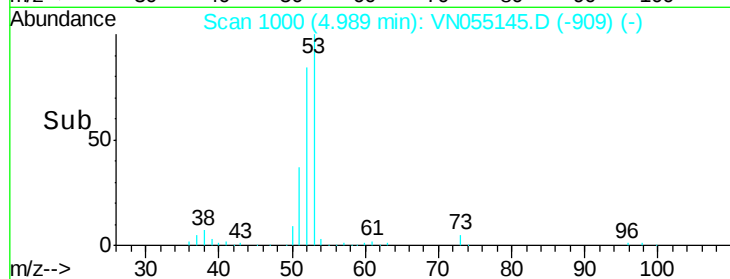
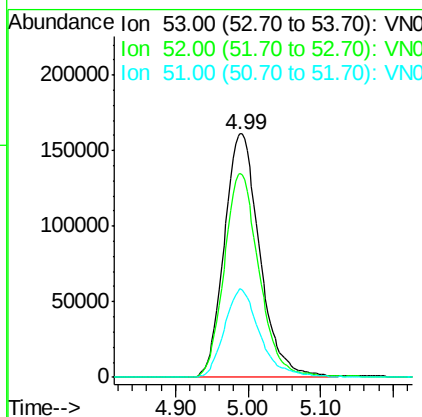
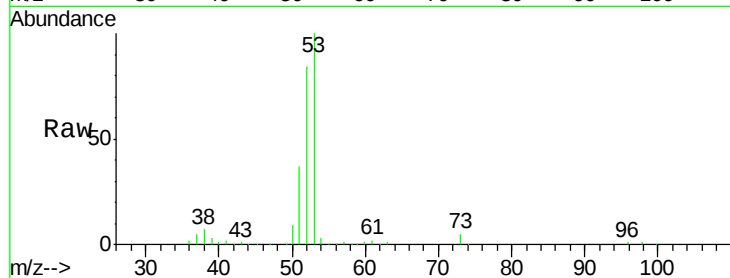
#15
 Acrylonitrile
 Concen: 283.676 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.9	98.9
51	36.4	29.7	44.5

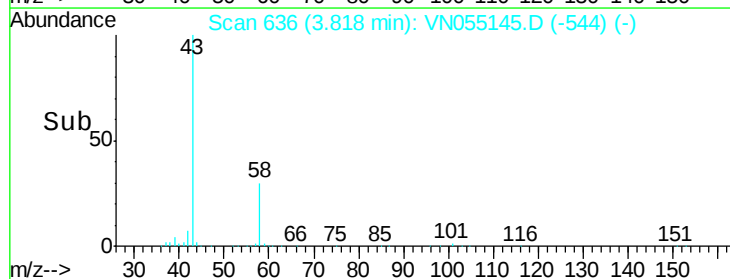
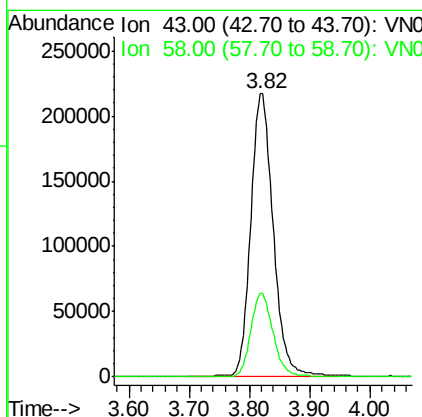
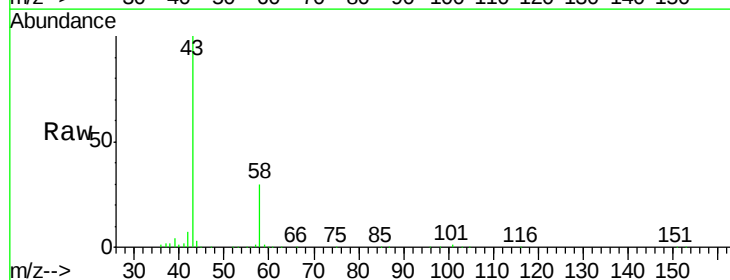
Manual Integrations
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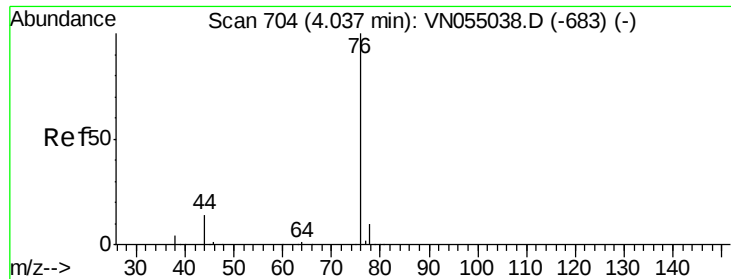
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#16
 Acetone
 Concen: 356.677 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	20.9	31.3





#17

Carbon Disulfide

Concen: 43.707 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.02 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tot Ion: 76 Resp: 496153

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

Instrument :

MSVOA_N

ClientSampleId :

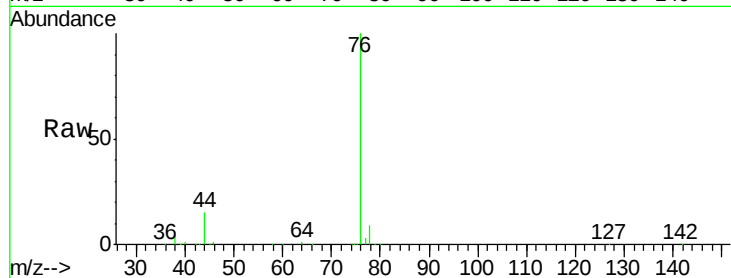
VSTDCCC050

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

200000

150000

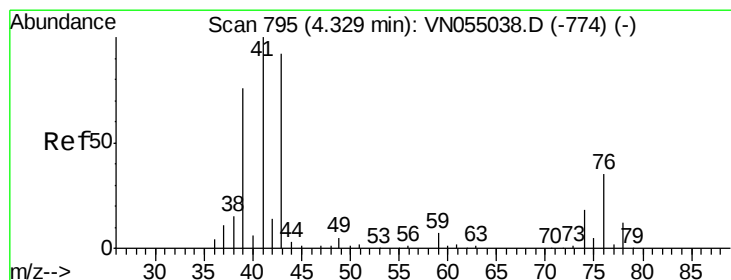
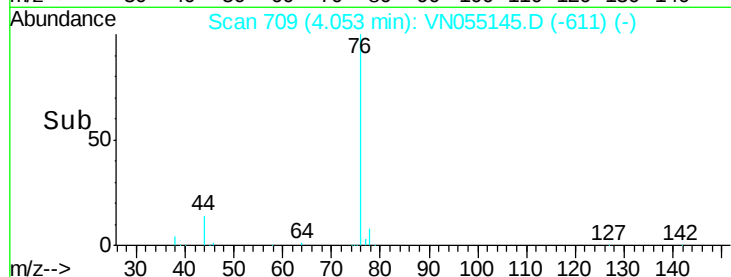
100000

50000

0

4.00 4.10

Time-->



#18

Methyl Acetate

Concen: 59.505 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055145.D

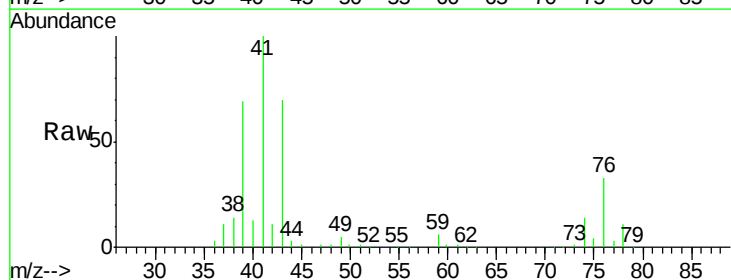
Acq: 19 Apr 2019 17:42

Tgt Ion: 43 Resp: 273760

Ion Ratio Lower Upper

43 100

74 19.8 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

100000

80000

60000

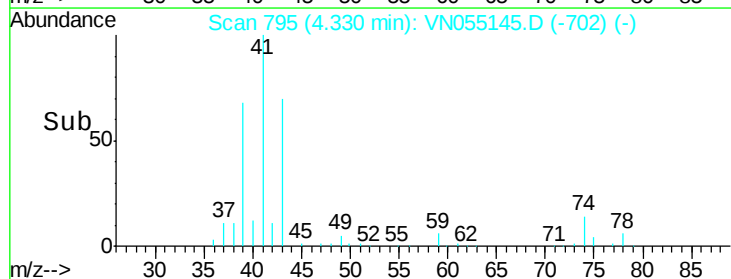
40000

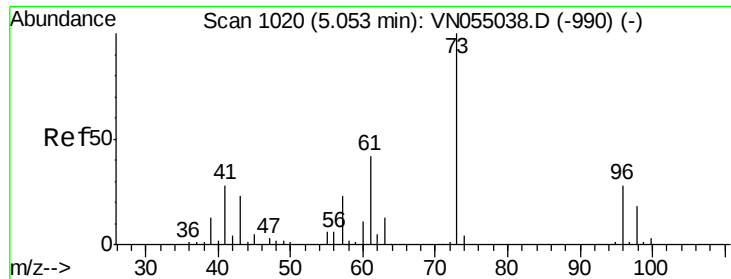
20000

0

4.20 4.30 4.40

Time-->





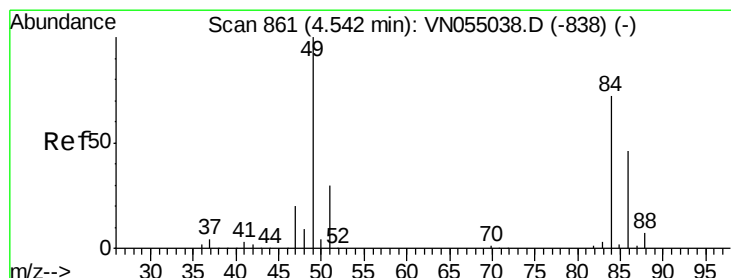
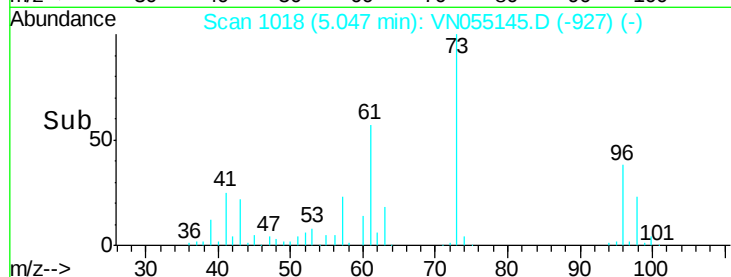
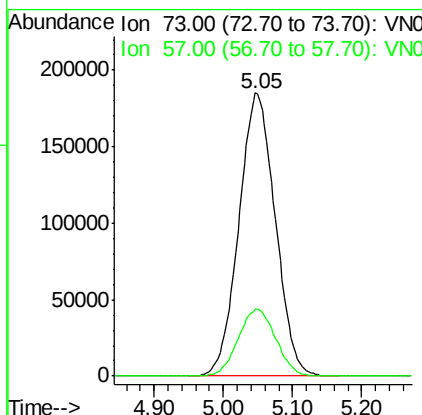
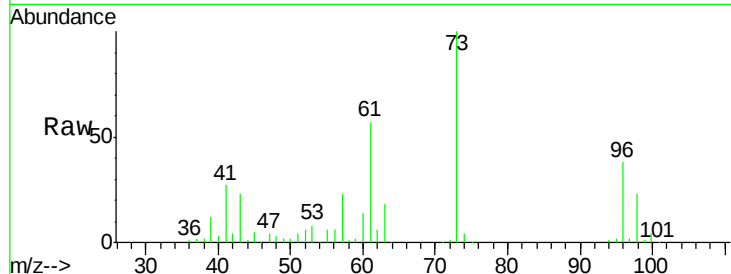
#19
Methvl tert-butvl Ether
Concen: 53.598 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 674241
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.4

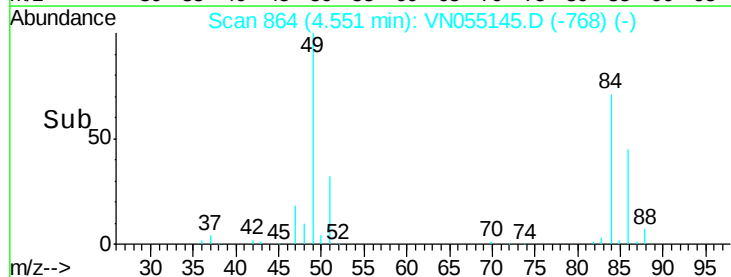
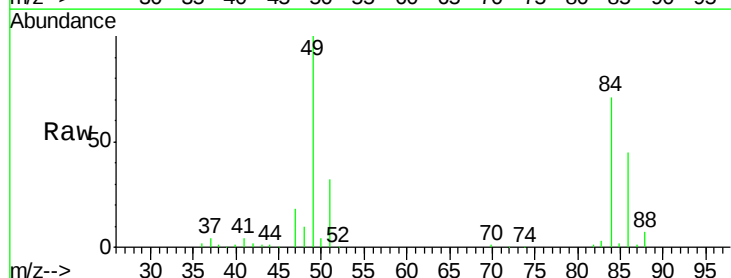
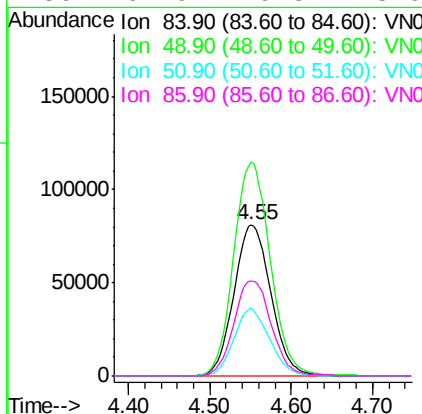
Manual Integrations
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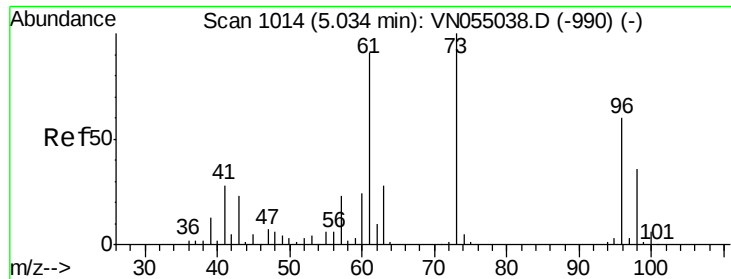
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#20
Methylene Chloride
Concen: 45.318 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 84 Resp: 254653
Ion Ratio Lower Upper
84 100
49 141.2 109.4 164.2
51 44.6 32.2 48.4
86 62.9 49.3 73.9





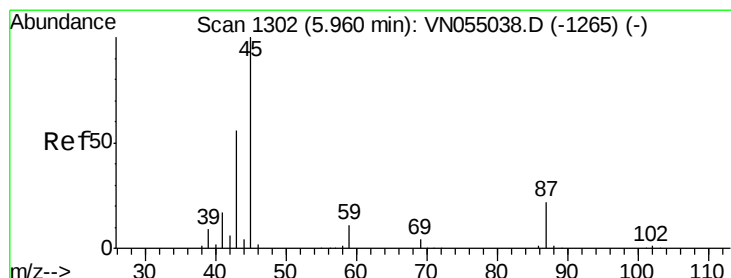
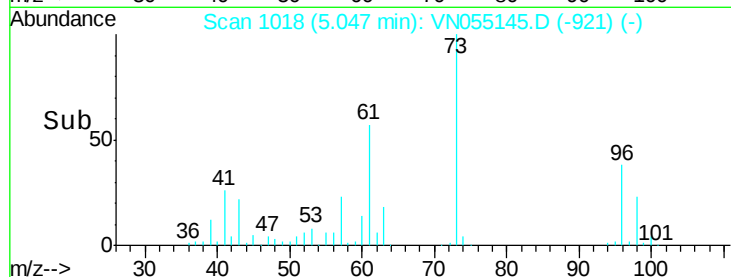
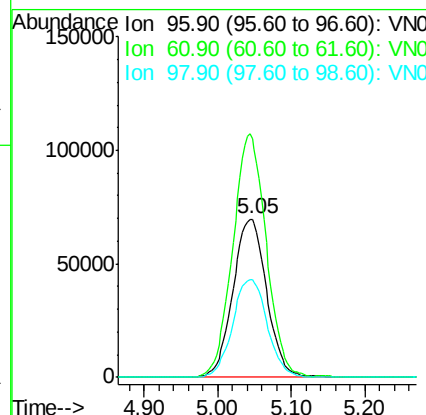
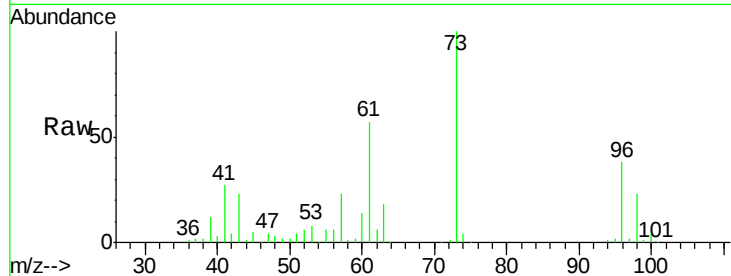
#21
trans-1,2-Dichloroethene
Concen: 46.805 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	114.9	172.3
98	61.9	48.4	72.6

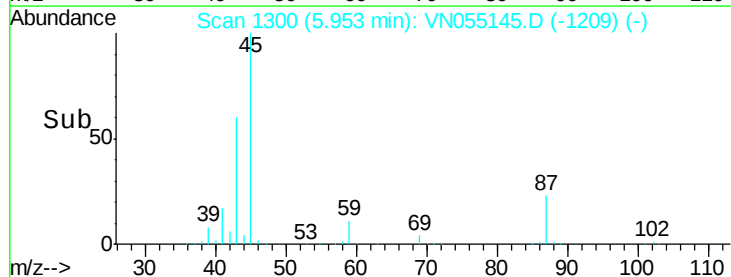
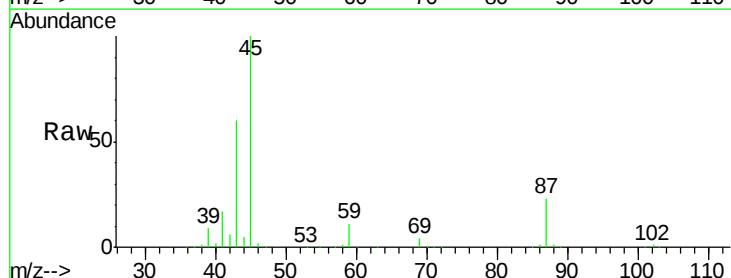
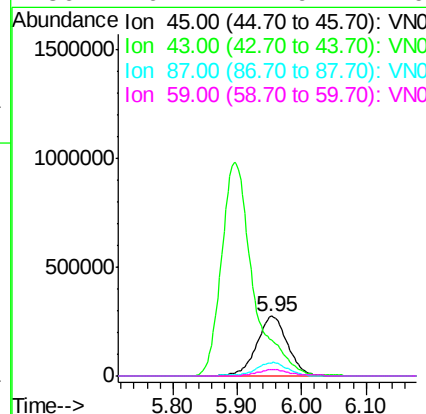
Manual Integrations
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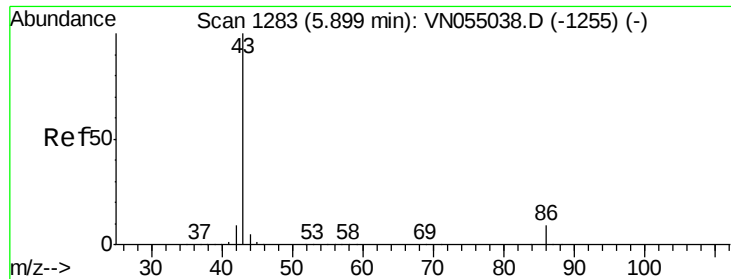
MMDadoda
4/22/2019 10:07:23 AM



#22
Diisopropyl ether
Concen: 52.095 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.8	44.8	67.2
87	22.5	18.9	28.3
59	10.7	7.9	11.9





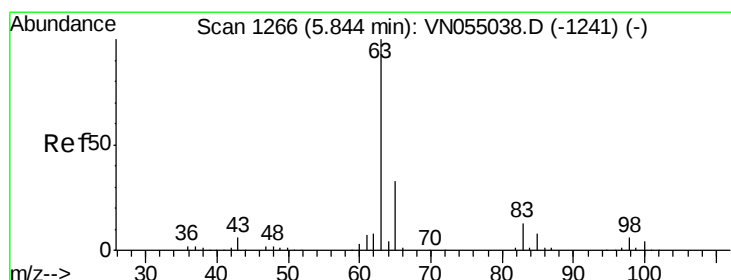
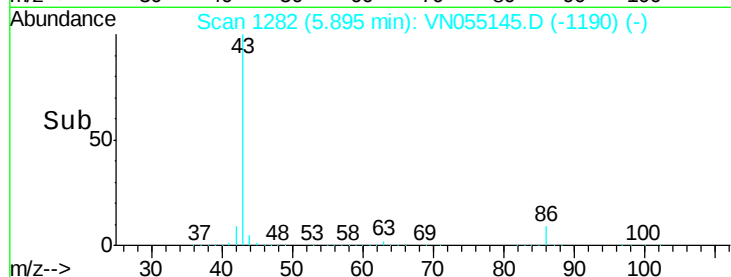
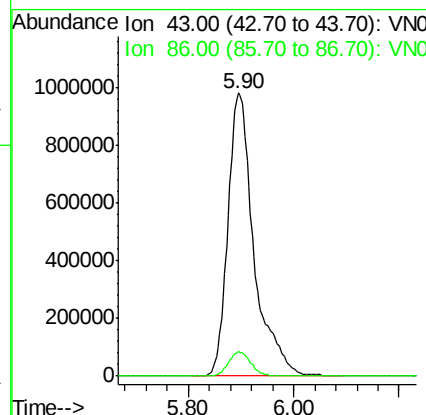
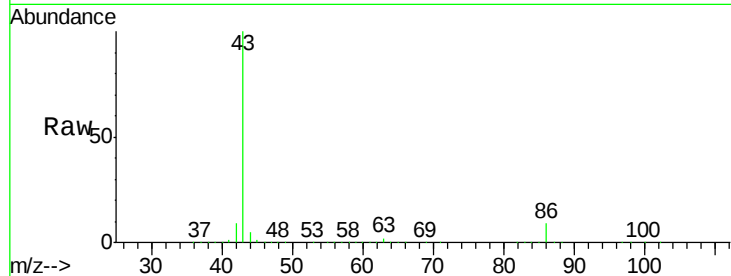
#23
 Vinyl Acetate
 Concen: 286.947 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Tot Ion: 43 Resp: 3356222
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.0 10.4

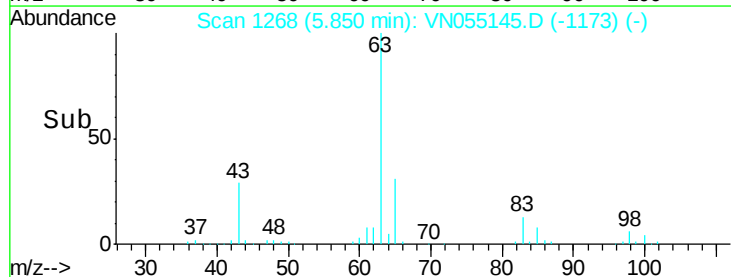
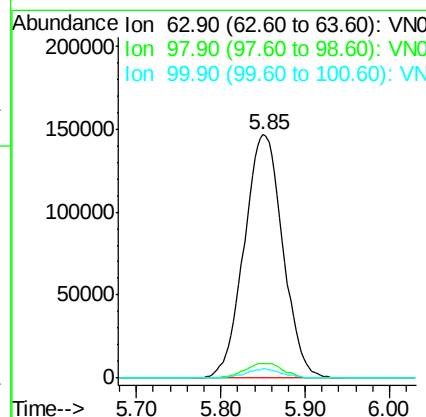
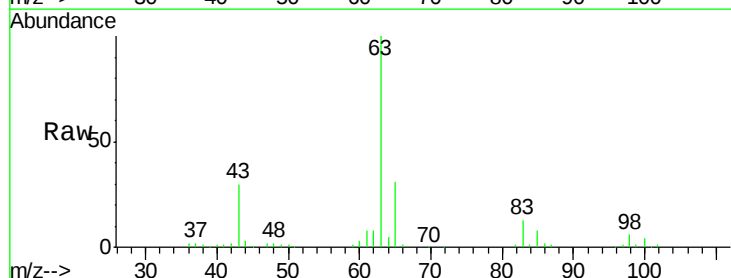
Manual Integrations
 APPROVED

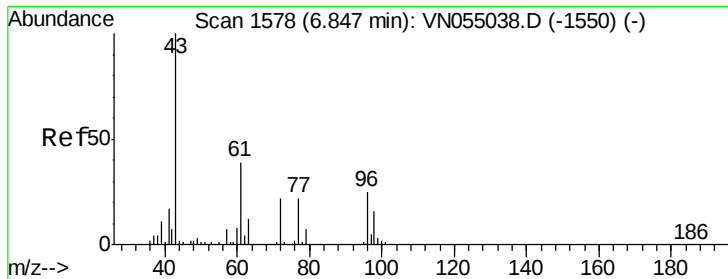
MMDadoda
 4/22/2019 10:07:23 AM



#24
 1,1-Dichloroethane
 Concen: 49.551 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 63 Resp: 466924
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.8 8.4
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 315.301 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.01 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 752218

Ion Ratio Lower Upper

43 100

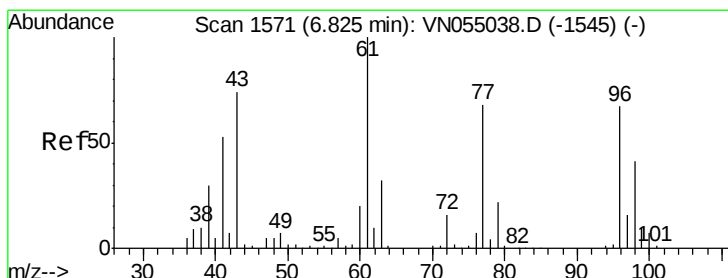
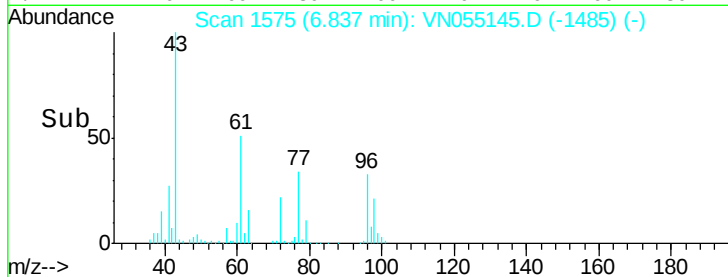
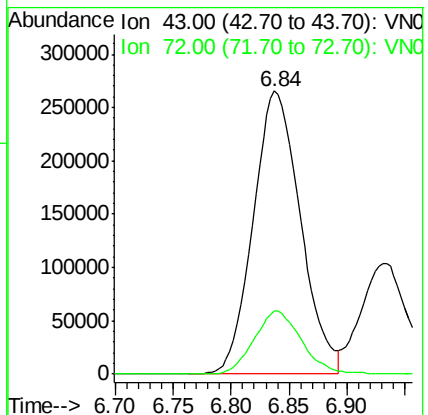
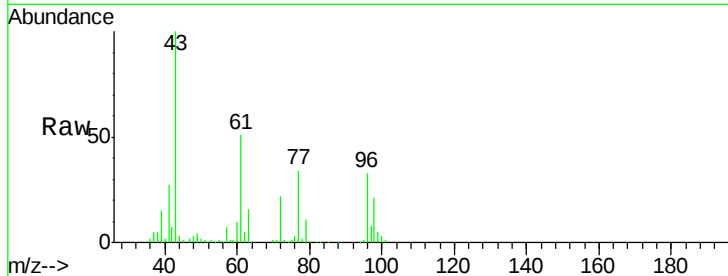
72 22.2 18.1 27.1

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#26

2,2-Dichloropropane

Concen: 56.711 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN055145.D

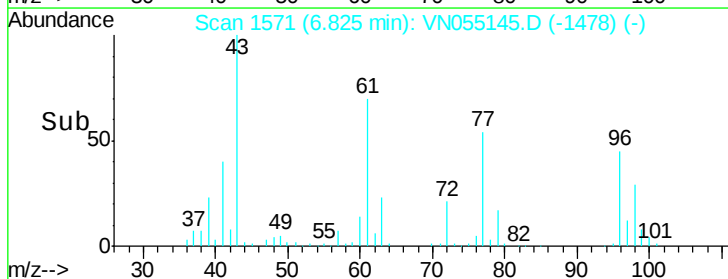
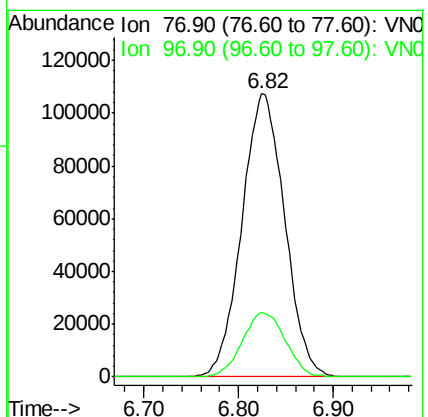
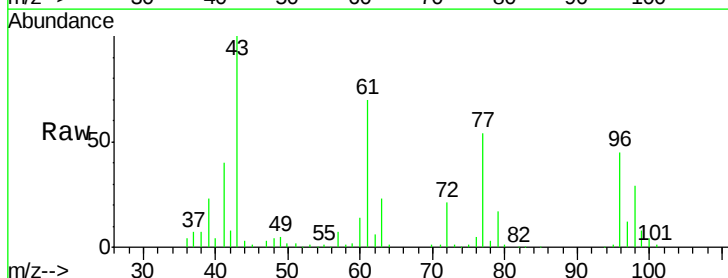
Acq: 19 Apr 2019 17:42

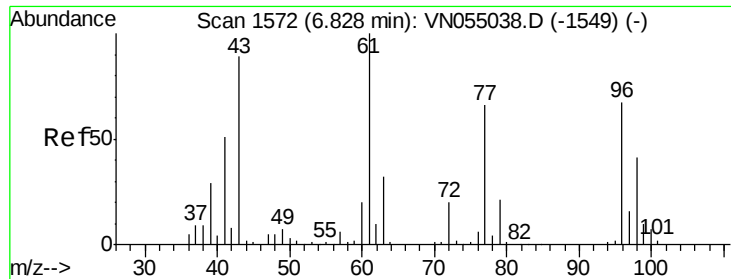
Tgt Ion: 77 Resp: 337285

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 49.887 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

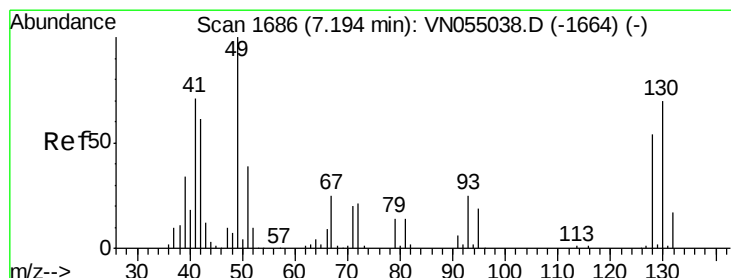
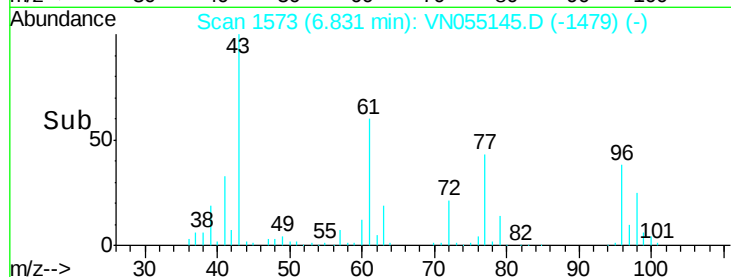
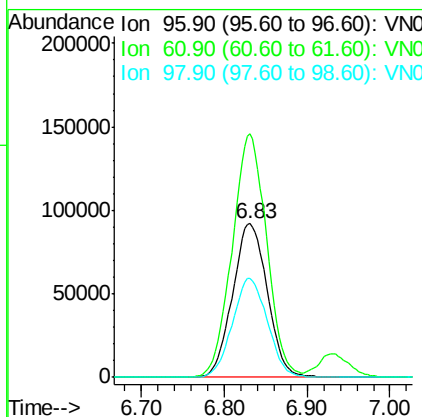
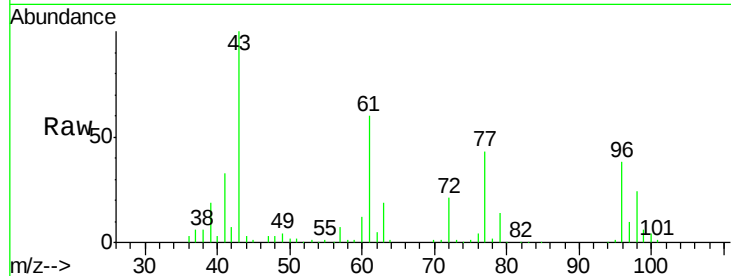
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	268436
Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	311.0
98	64.7	0.0	127.4

Manual Integrations
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#28

Bromochloromethane

Concen: 50.734 ug/l

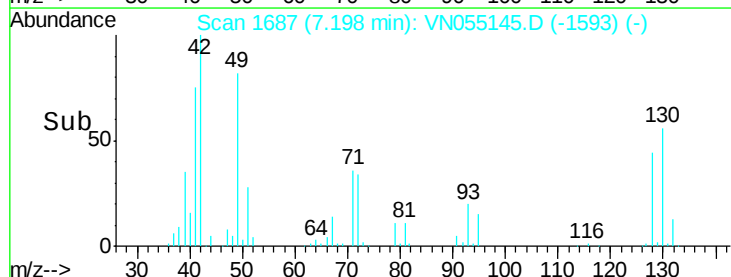
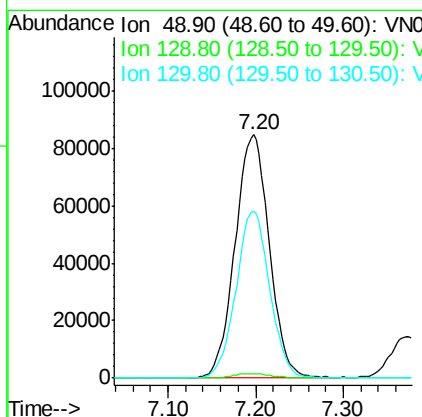
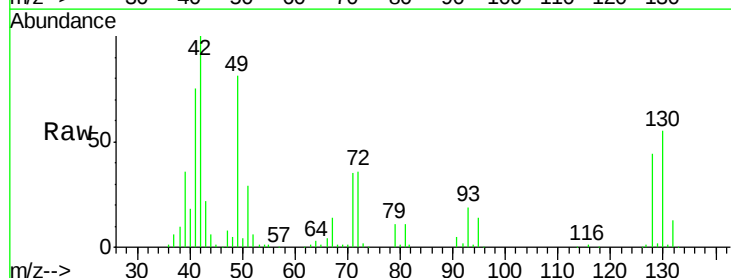
RT: 7.20 min Scan# 1687

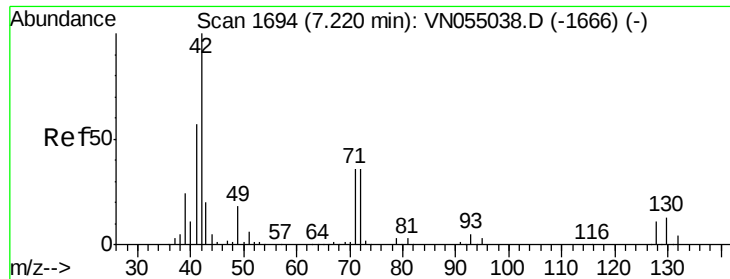
Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	49	Resp:	230455
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.0#
130	67.3	53.4	80.2





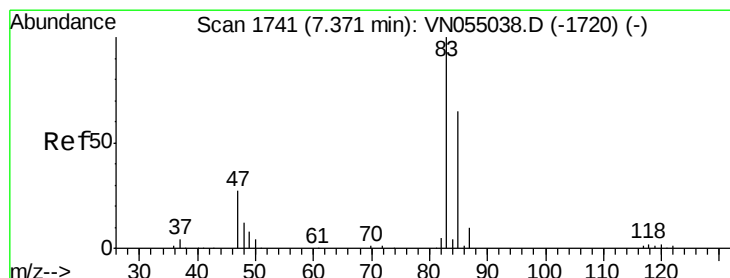
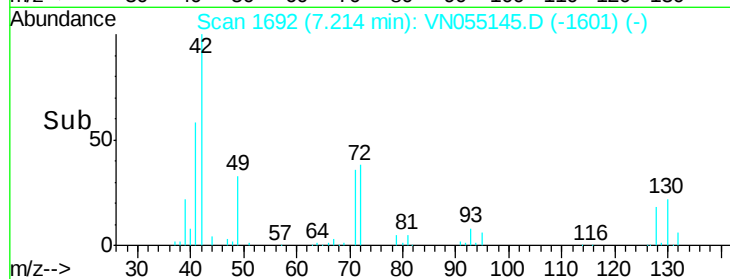
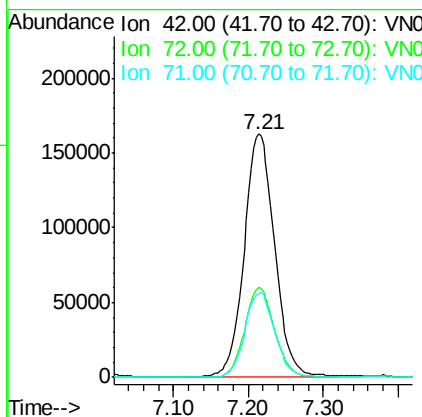
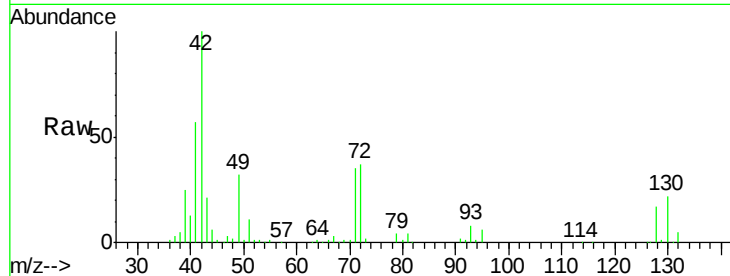
#29
Tetrahydrofuran
Concen: 293.471 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	29.4	44.0
71	34.3	27.8	41.6

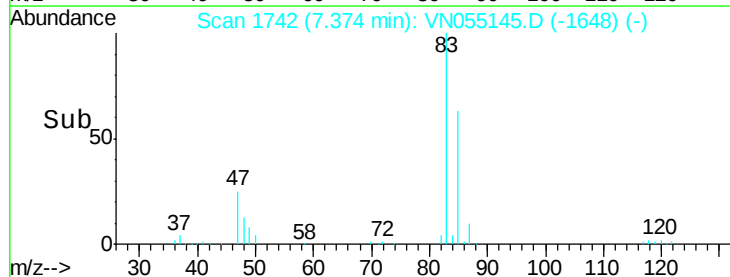
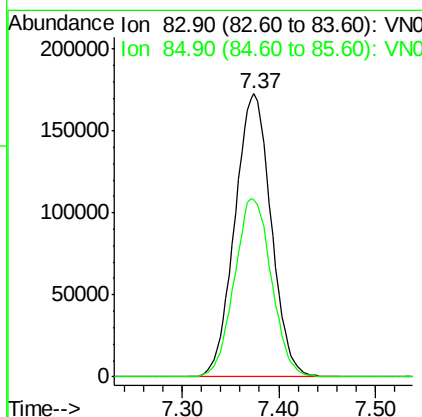
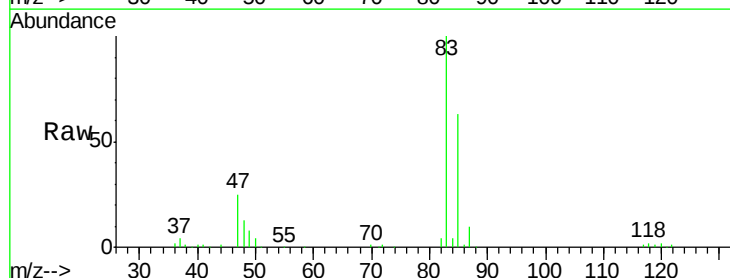
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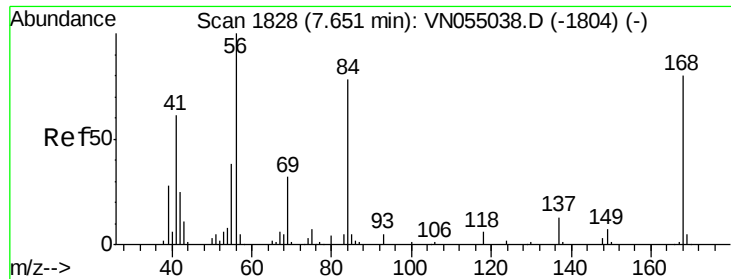
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#30
Chloroform
Concen: 49.137 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.6





#31

Cyclohexane

Concen: 49.248 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

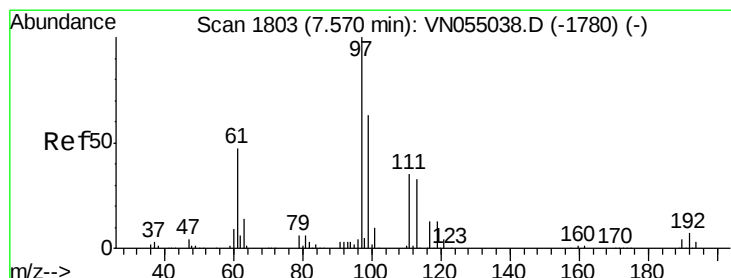
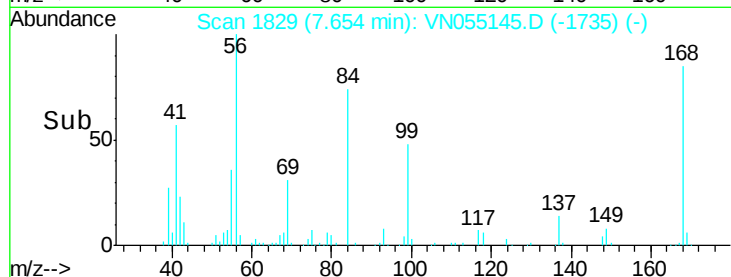
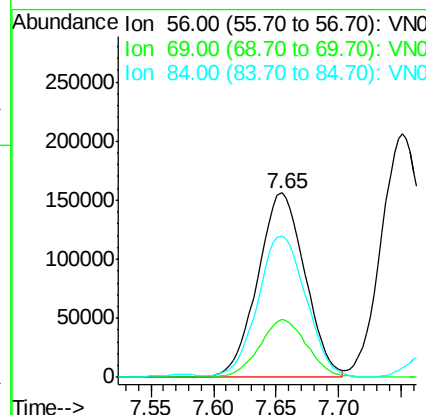
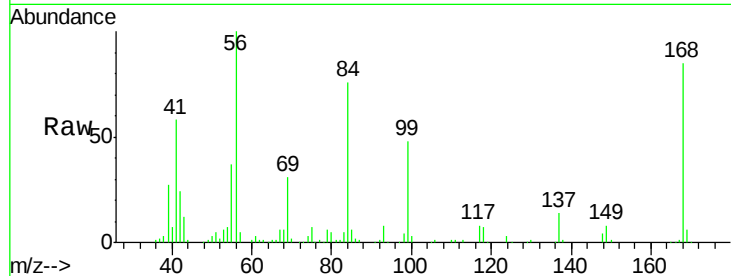
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	410444
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.5	36.7
84	74.8	62.9	94.3

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#32

1,1,1-Trichloroethane

Concen: 50.816 ug/l

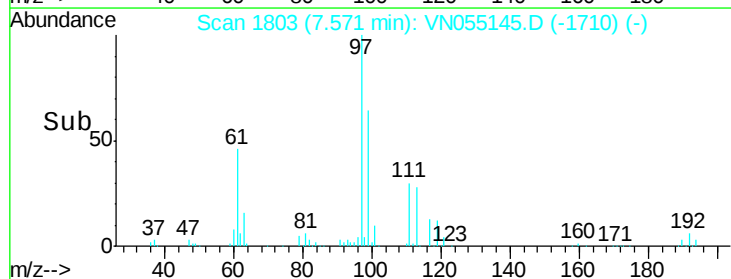
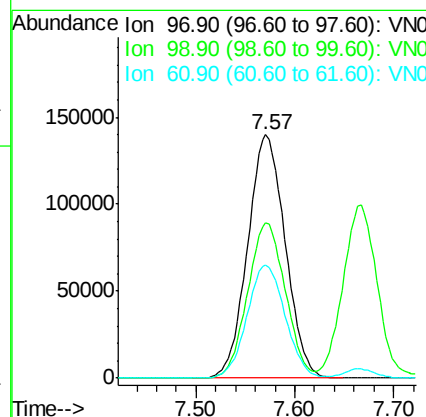
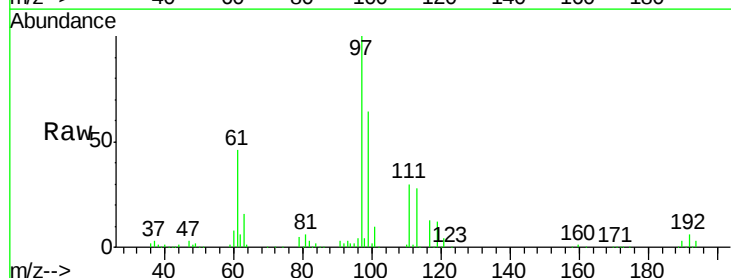
RT: 7.57 min Scan# 1803

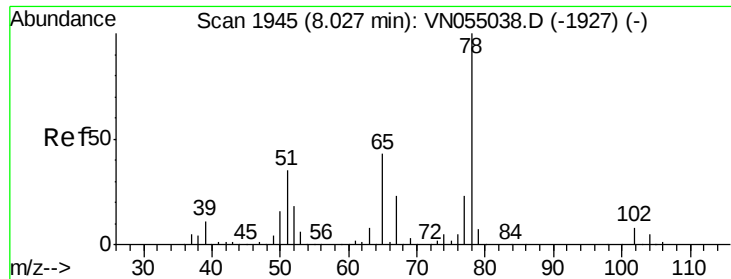
Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	97	Resp:	368507
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	47.2	38.3	57.5





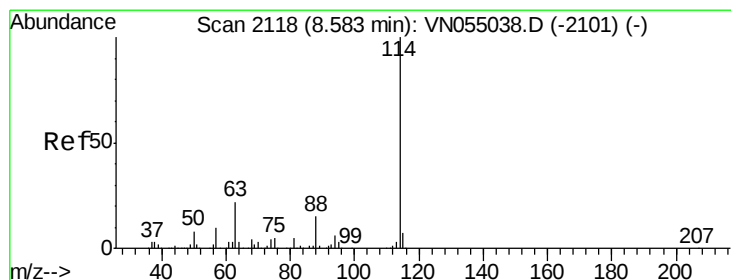
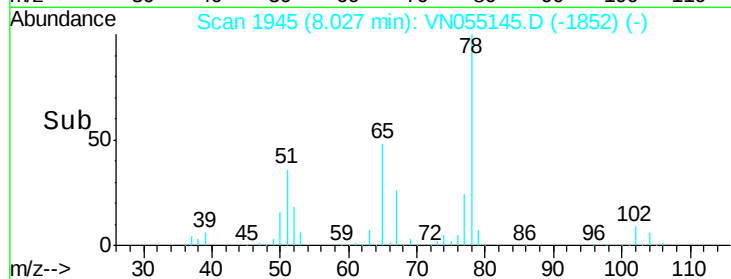
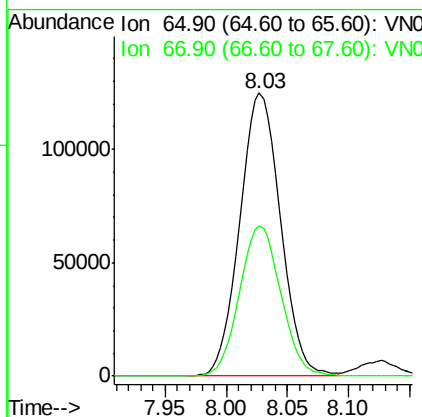
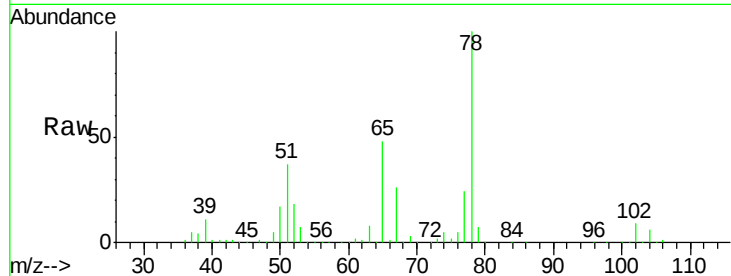
#33
 1,2-Dichloroethane-d4
 Concen: 48.986 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	288498		
67	53.8	0.0	106.4	

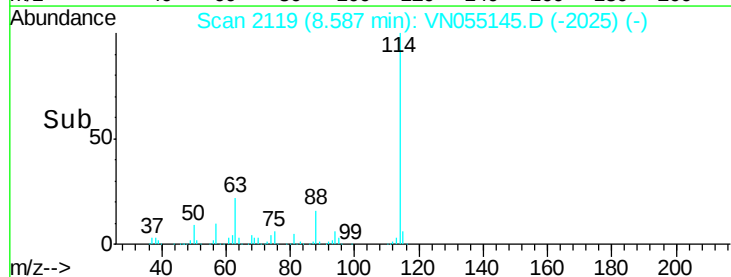
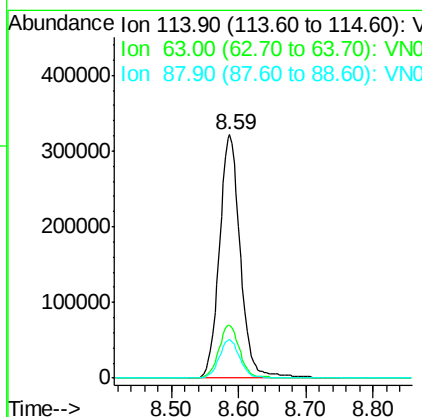
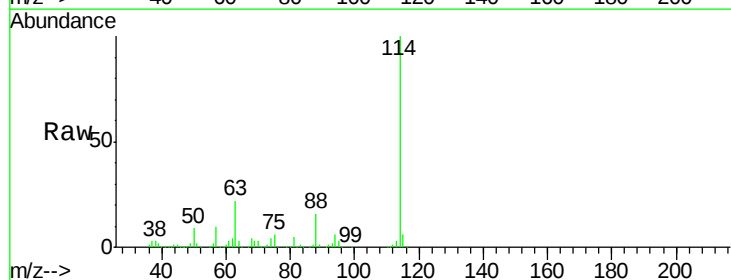
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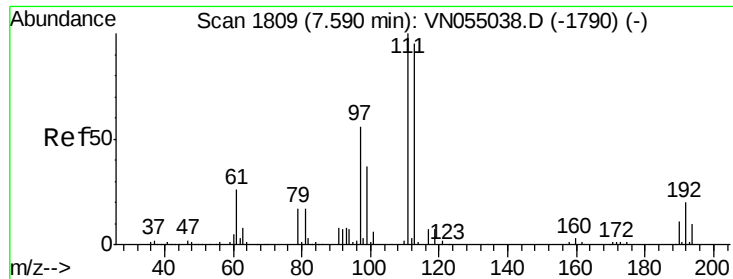
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	697787		
63	21.8	0.0	45.2	
88	15.7	0.0	31.8	





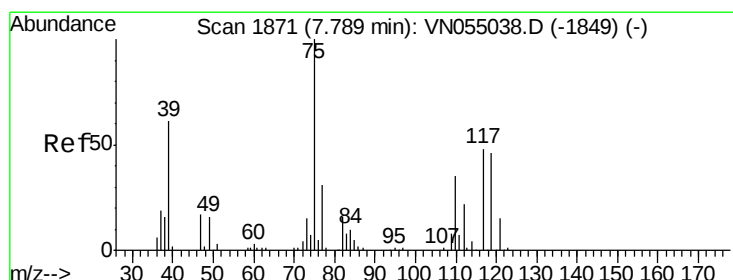
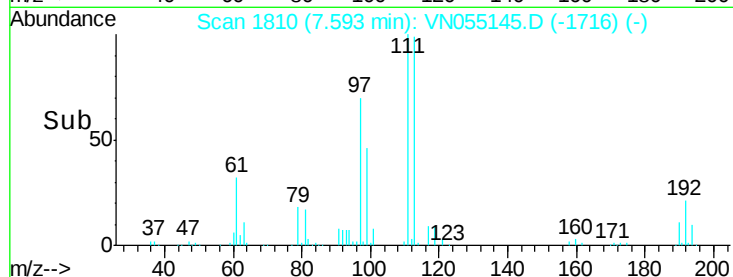
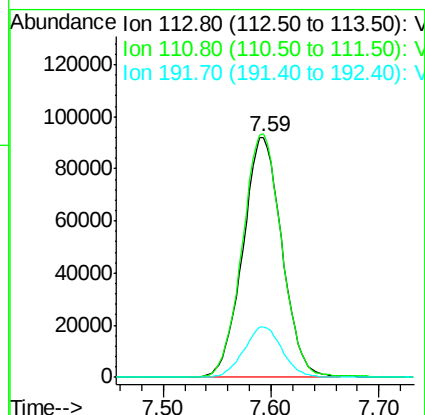
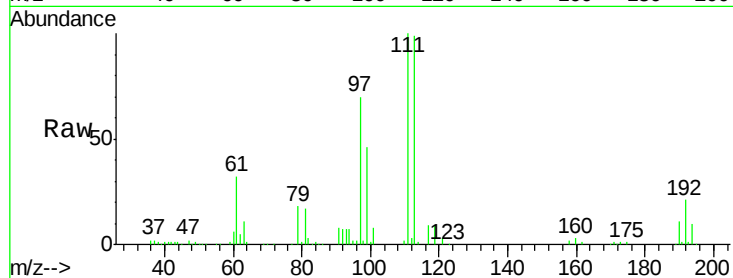
#35
 Dibromofluoromethane
 Concen: 49.684 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	231695		
111	102.1	82.1	123.1	
192	20.6	16.5	24.7	

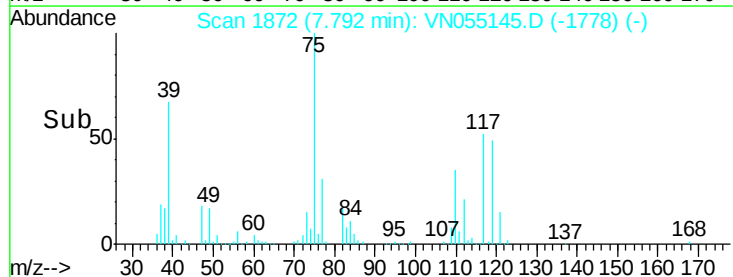
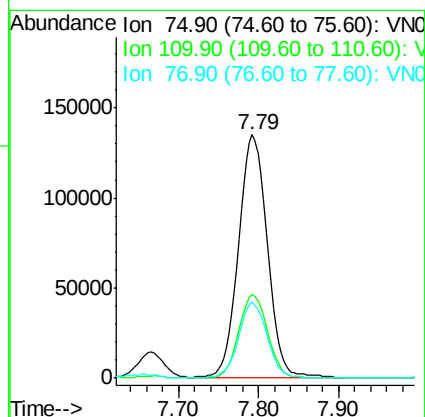
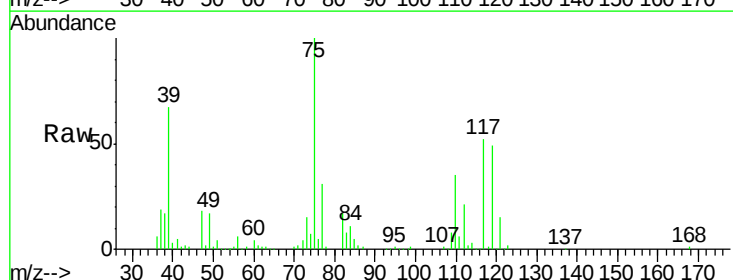
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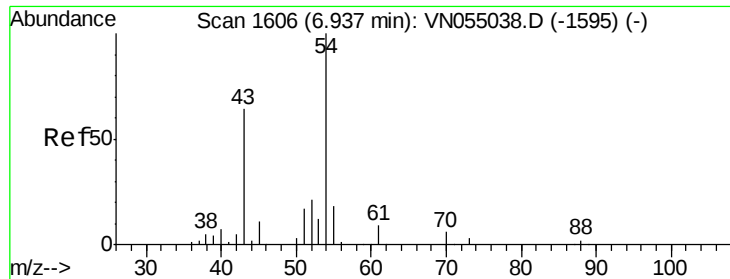
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#36
 1,1-Dichloropropene
 Concen: 49.687 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	326840		
110	34.6	17.5	52.5	
77	31.3	24.9	37.3	





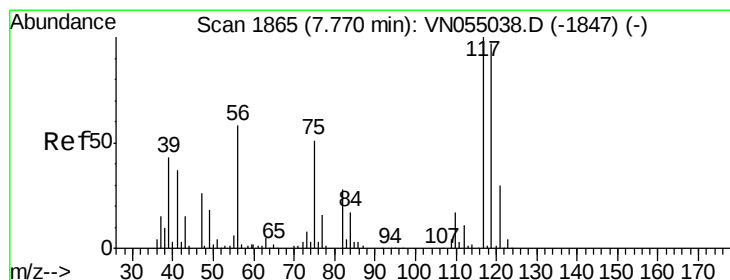
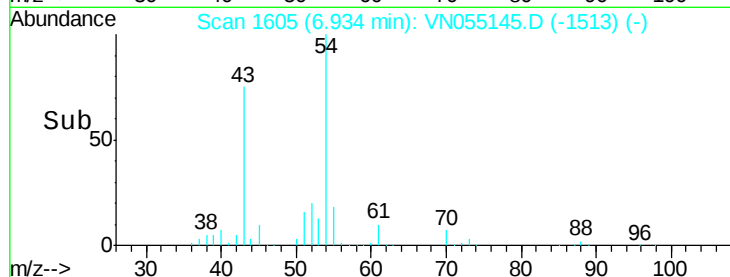
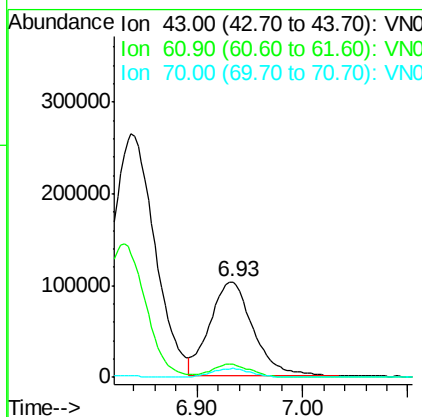
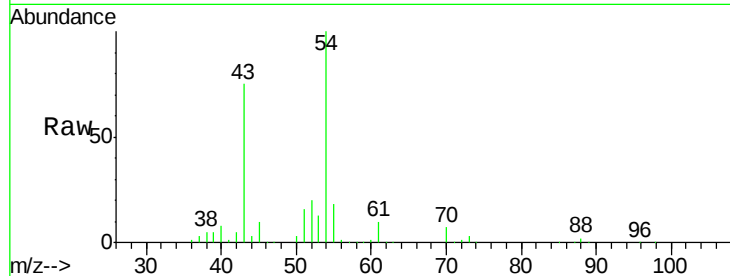
#37
Ethyl Acetate
Concen: 54.794 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	8.8	7.1	10.7

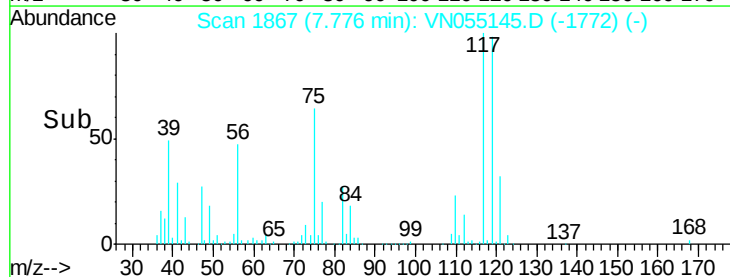
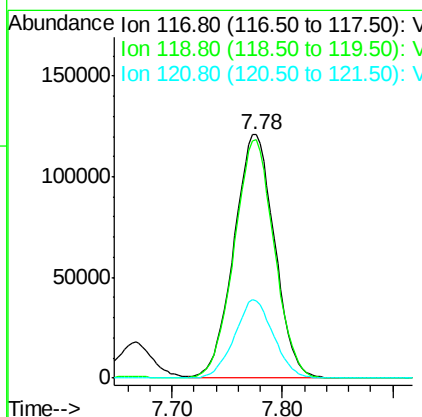
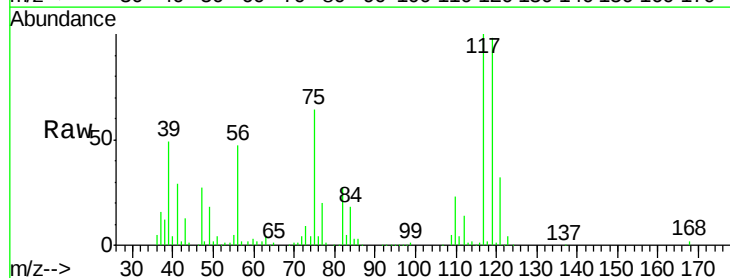
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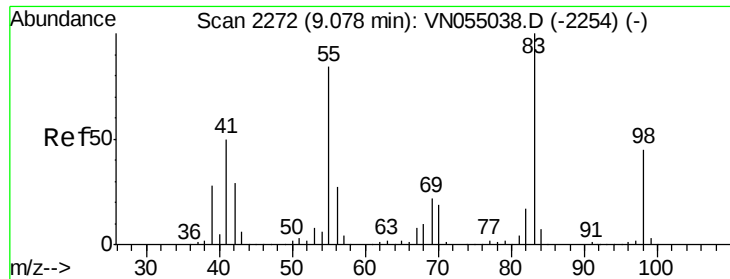
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#38
Carbon Tetrachloride
Concen: 49.135 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
121	31.8	23.9	35.9





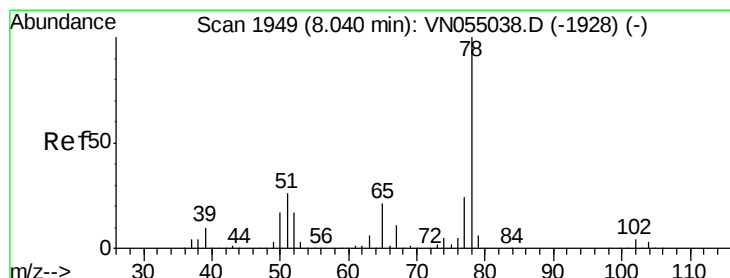
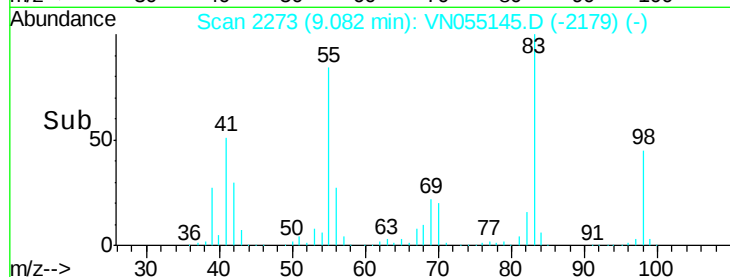
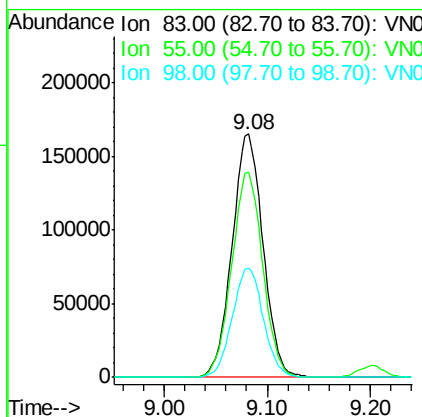
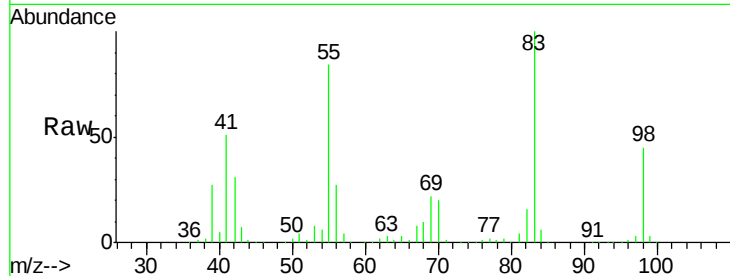
#39
Methvlcvclohexane
Concen: 48.510 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.4	67.0	100.4
98	45.0	35.6	53.4

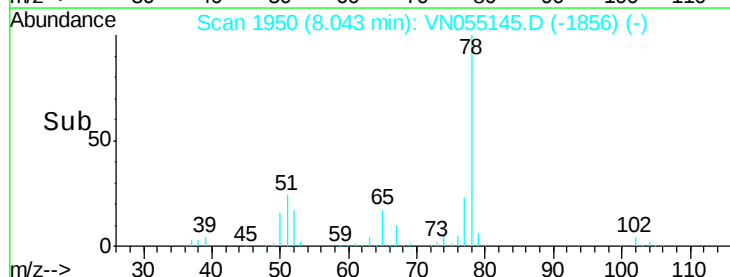
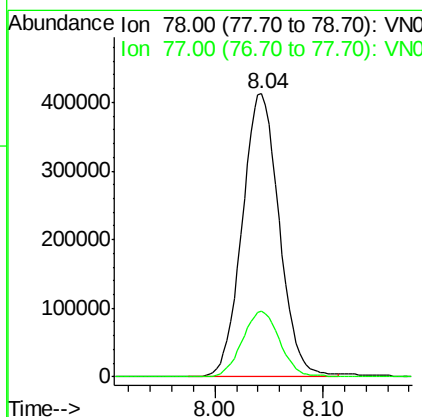
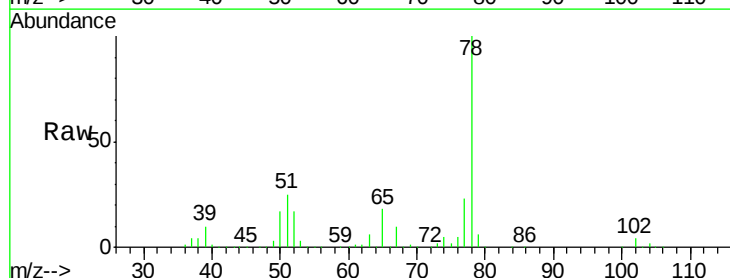
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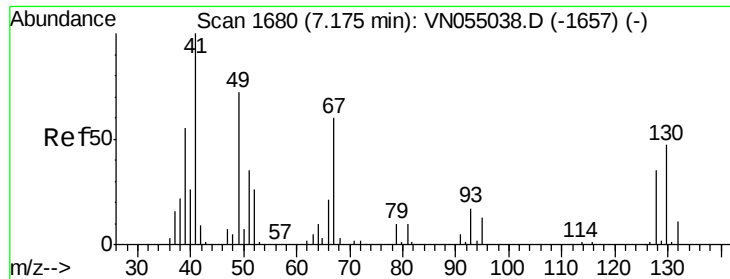
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#40
Benzene
Concen: 49.692 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





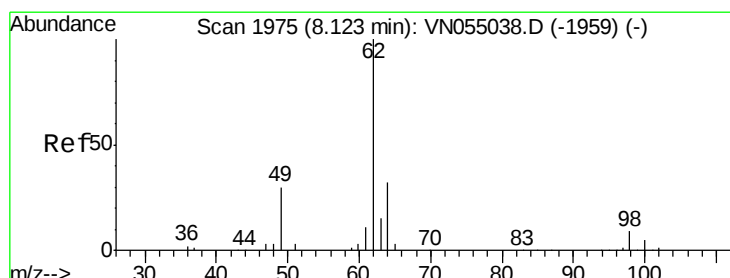
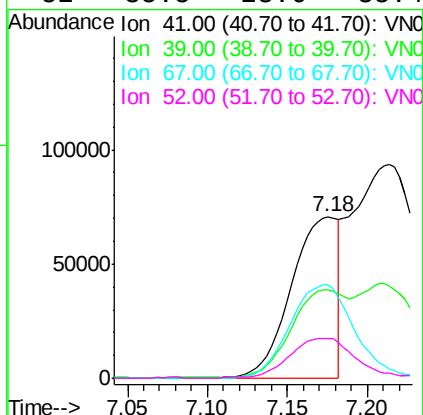
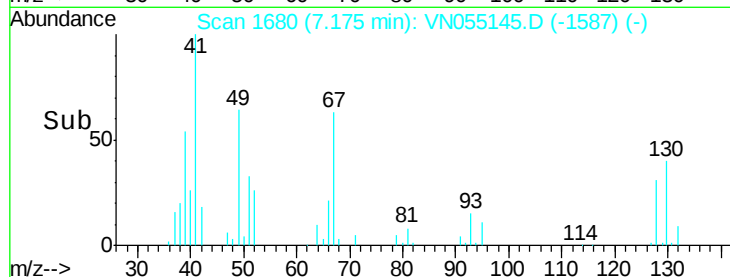
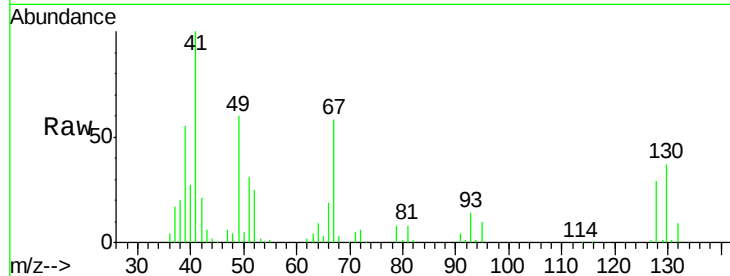
#41
Methacrylonitrile
Concen: 48.561 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	144355
Ion Ratio	Lower	Upper	
41	100		
39	63.4	45.6	68.4
67	80.1	57.0	85.6
52	35.5	23.6	35.4#

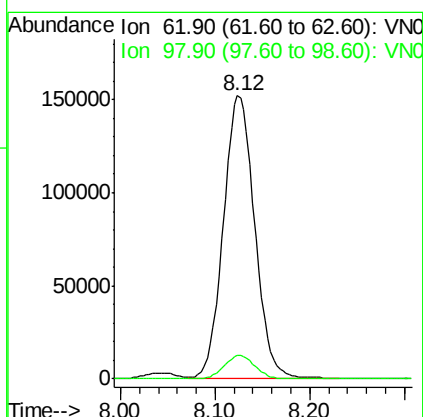
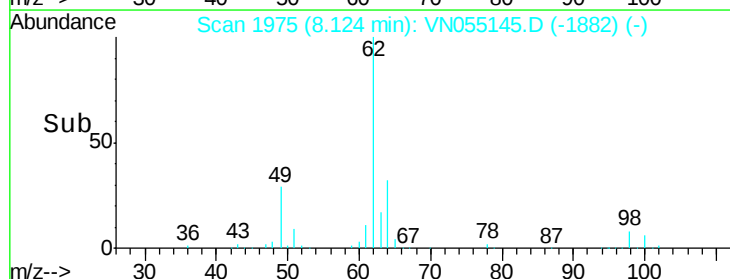
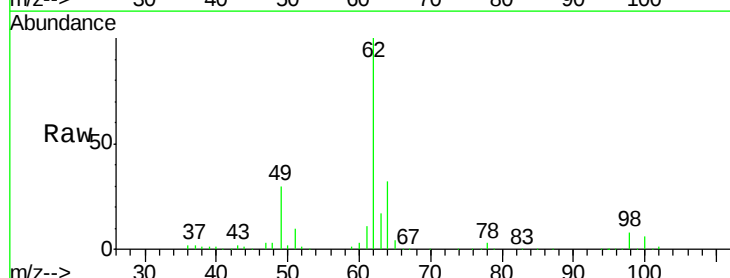
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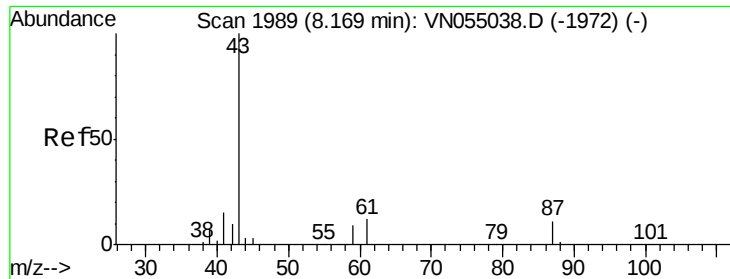
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#42
1,2-Dichloroethane
Concen: 50.709 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	62	Resp	349037
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	17.4





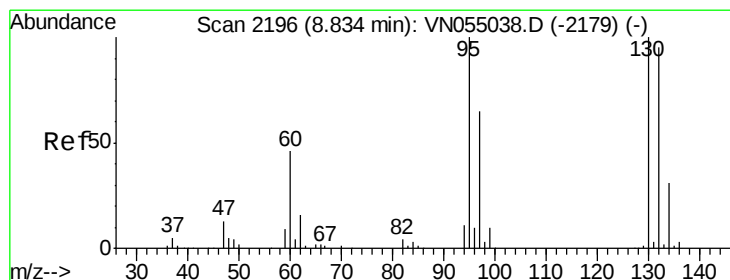
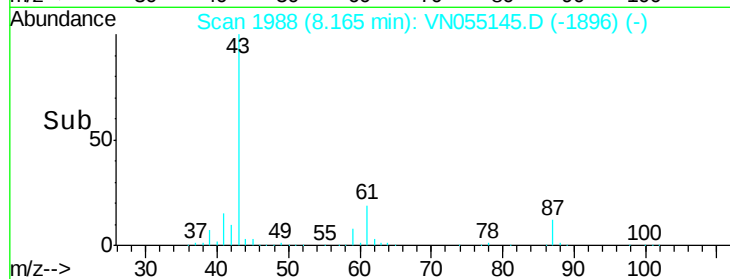
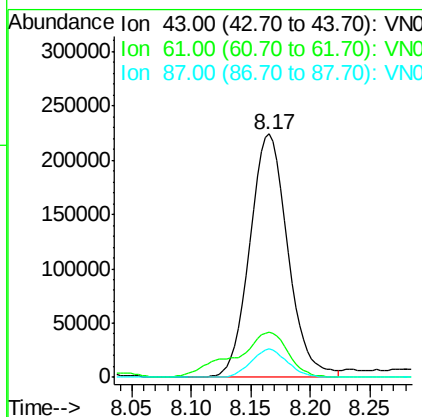
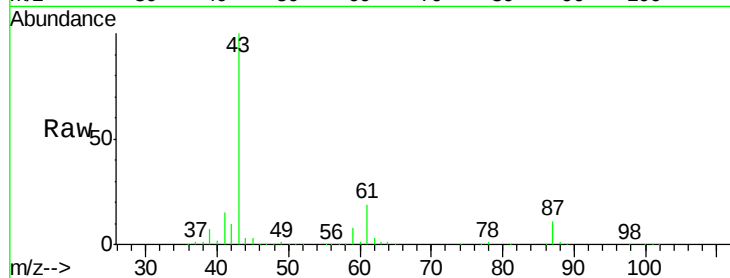
#43
Isopropyl Acetate
Concen: 59.937 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	14.3	21.5#
87	11.2	8.6	13.0

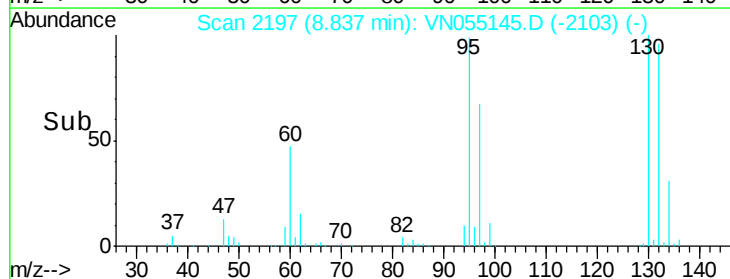
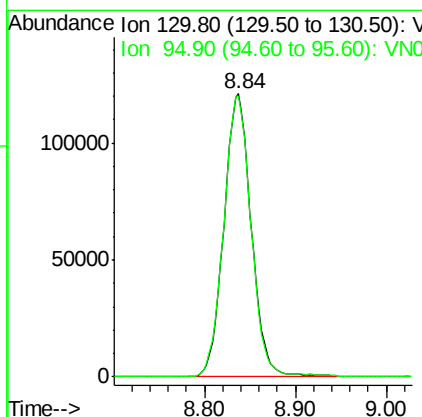
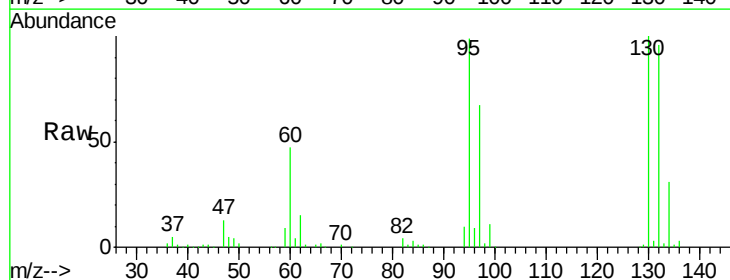
Manual Integrations
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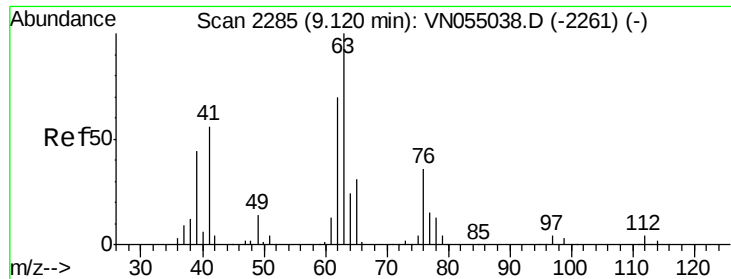
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#44
Trichloroethene
Concen: 50.915 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	201.6





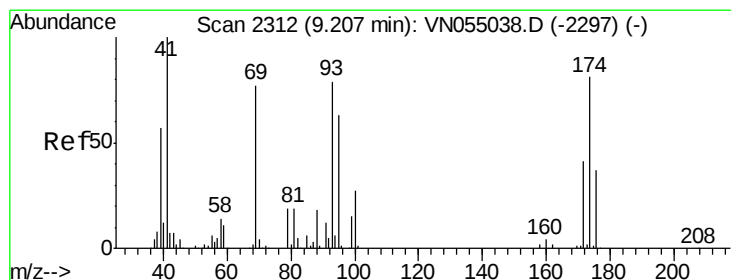
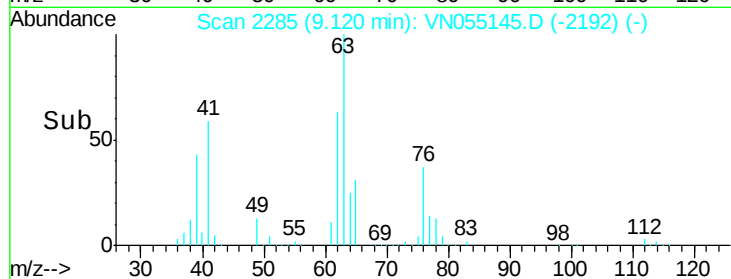
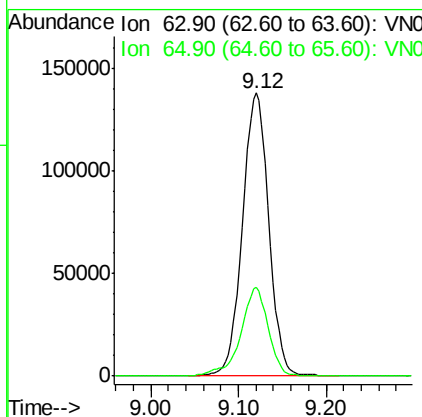
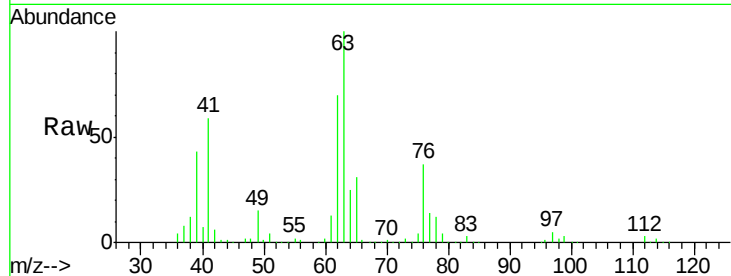
#45
 1,2-Dichloropropane
 Concen: 52.057 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 287821
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6

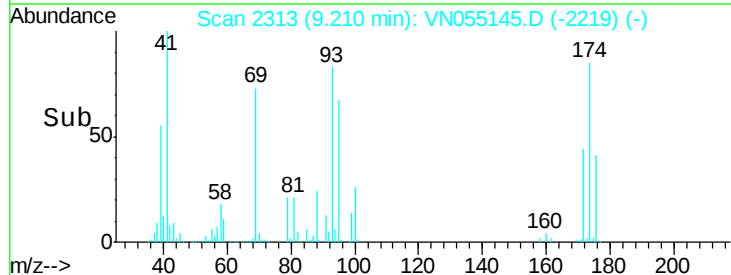
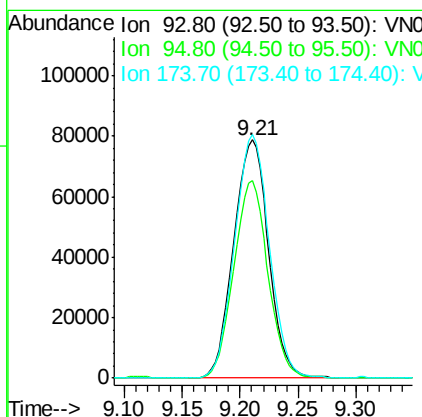
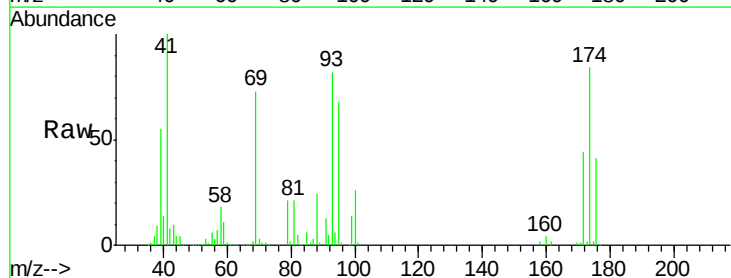
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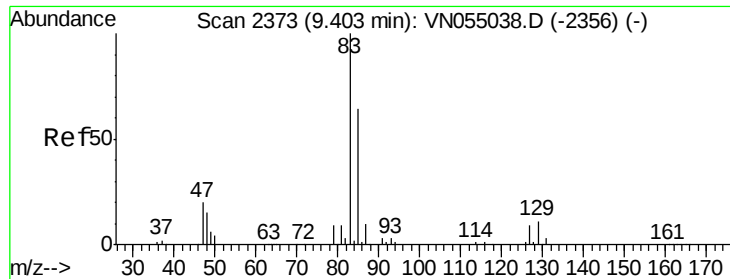
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#46
 Dibromomethane
 Concen: 52.260 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 93 Resp: 164463
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.0 97.6
 174 101.9 81.0 121.6





#47

Bromodichloromethane

Concen: 53.235 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

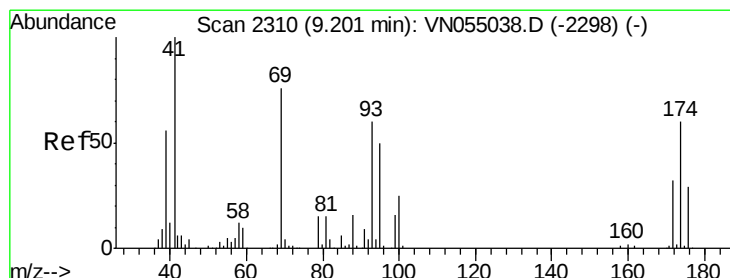
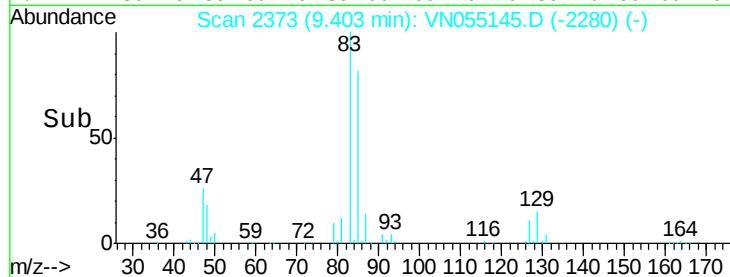
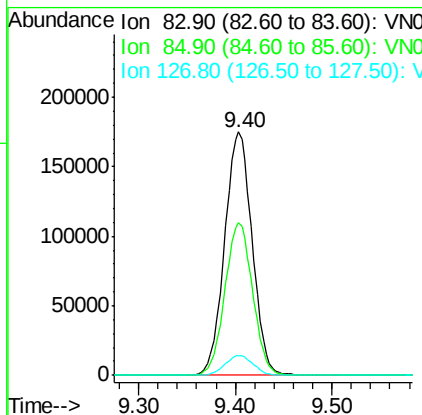
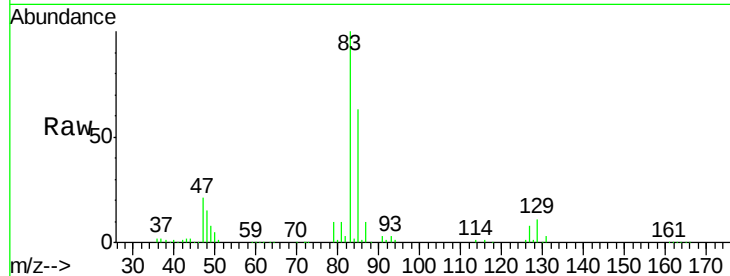
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	345402
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.2	76.8
127	8.2	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 59.843 ug/l

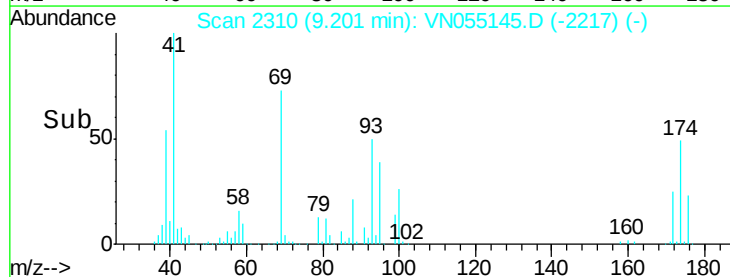
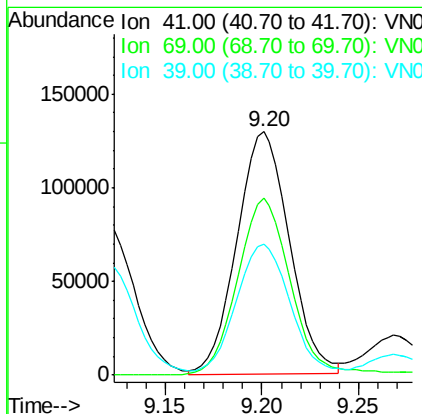
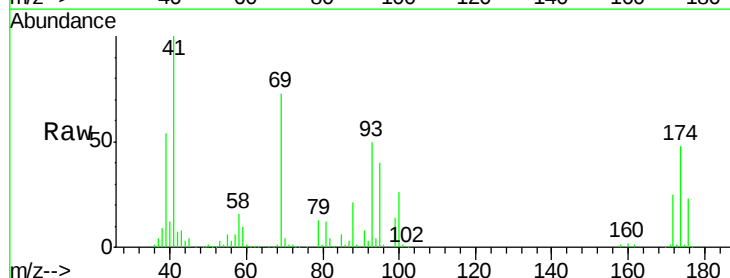
RT: 9.20 min Scan# 2310

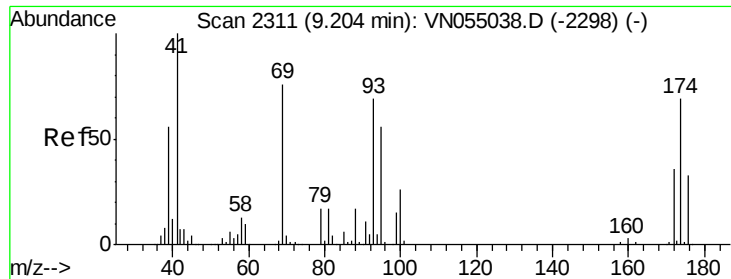
Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	41	Resp:	244756
Ion Ratio	Lower	Upper	
41	100		
69	74.8	60.5	90.7
39	55.0	43.9	65.9





#49

1,4-Dioxane

Concen: 1545.084 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

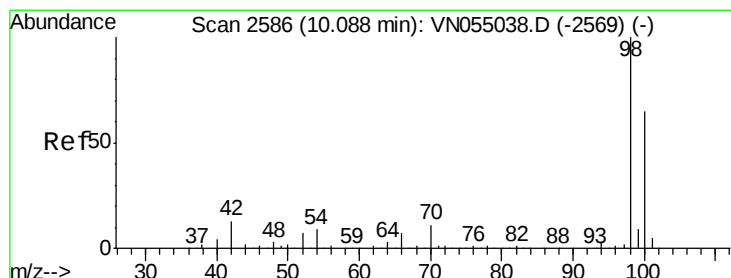
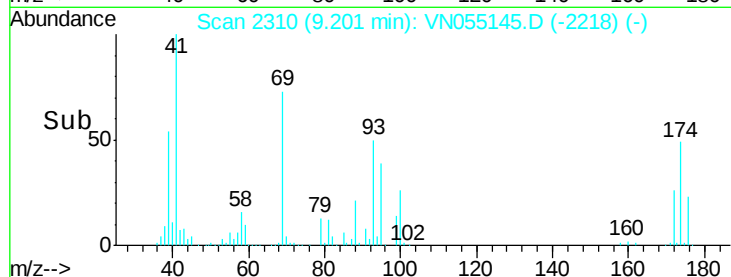
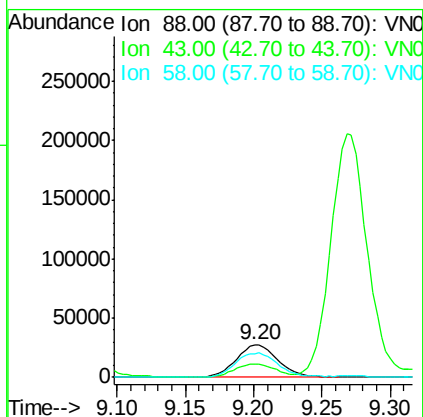
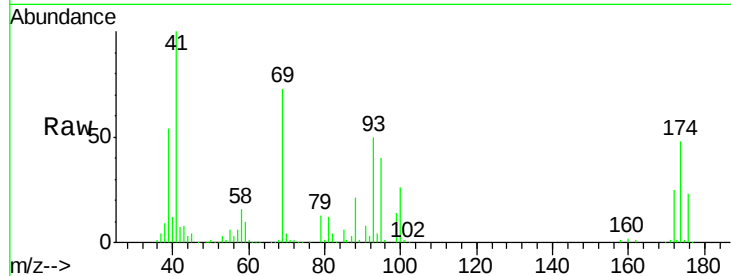
ClientSampled :

VSTDCCC050

Tot Ion:	88	Resp:	59205
Ion Ratio	Lower	Upper	
88	100		
43	37.3	31.8	47.8
58	75.8	61.6	92.4

Manual Integrations
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#50

Toluene-d8

Concen: 50.347 ug/l

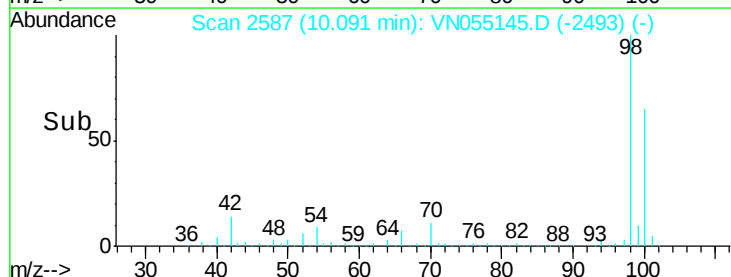
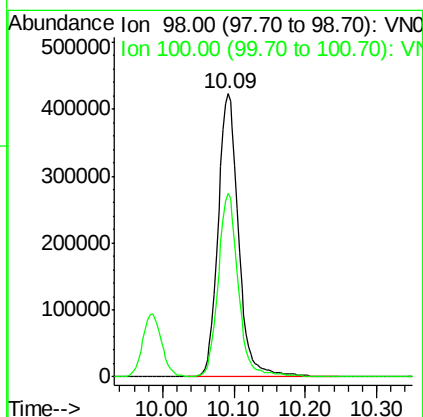
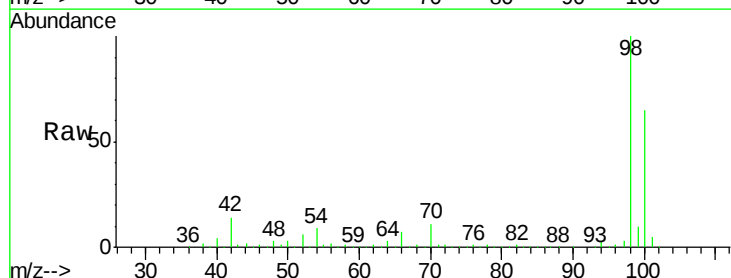
RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	98	Resp:	840312
Ion Ratio	Lower	Upper	
98	100		
100	63.9	51.1	76.7





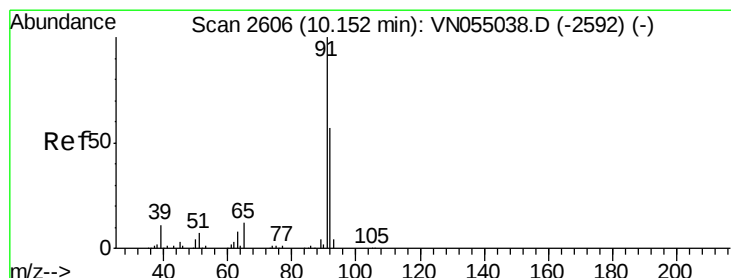
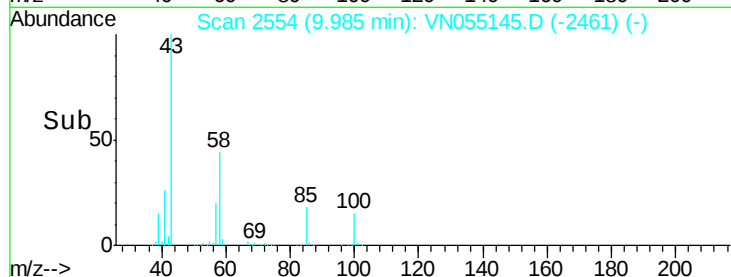
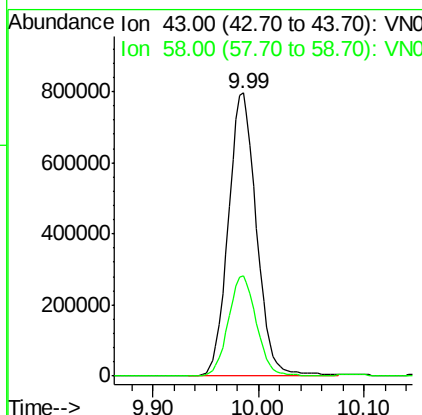
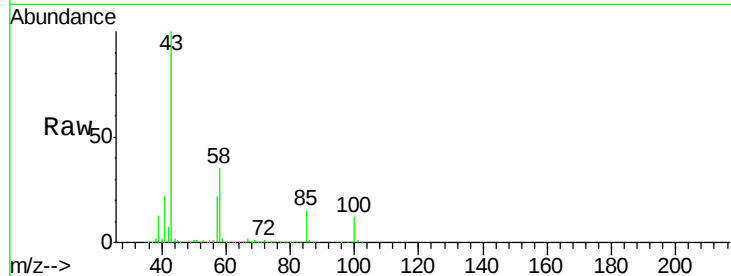
#51
4-Methyl-2-Pentanone
Concen: 308.873 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1472453
Ion Ratio Lower Upper
43 100
58 35.4 29.0 43.4

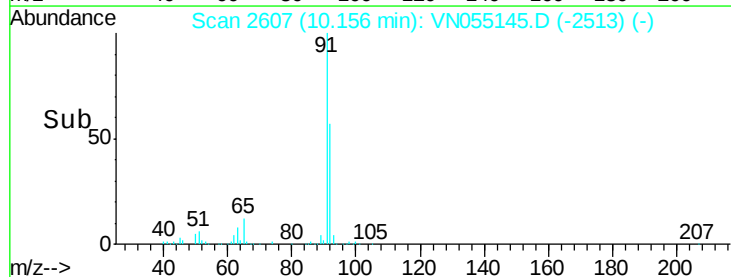
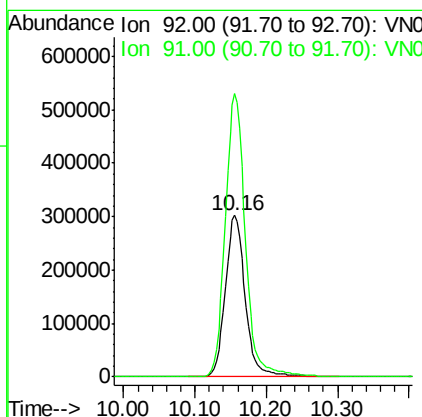
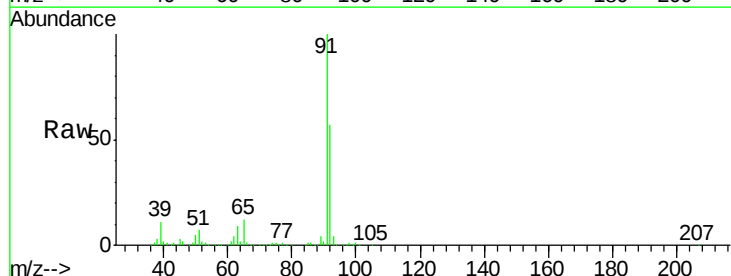
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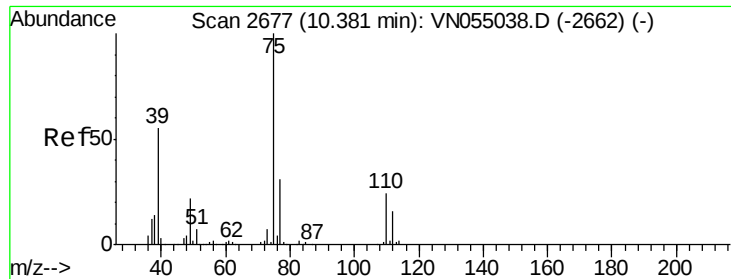
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#52
Toluene
Concen: 51.723 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 92 Resp: 587298
Ion Ratio Lower Upper
92 100
91 177.0 140.8 211.2





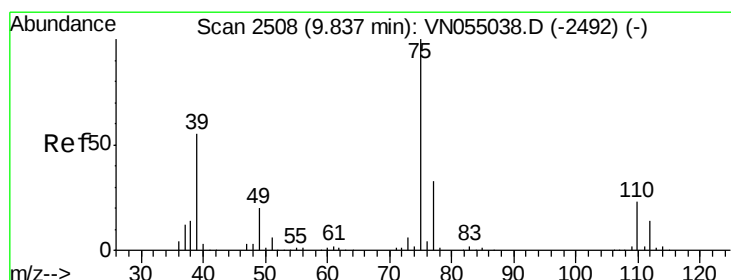
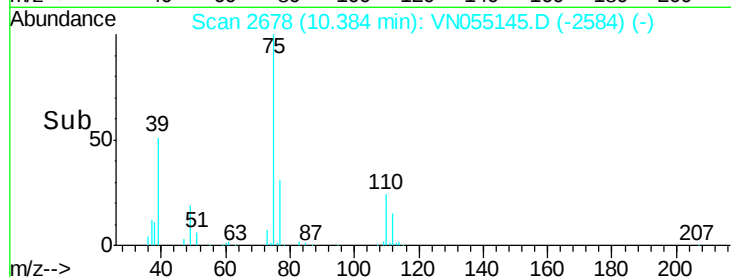
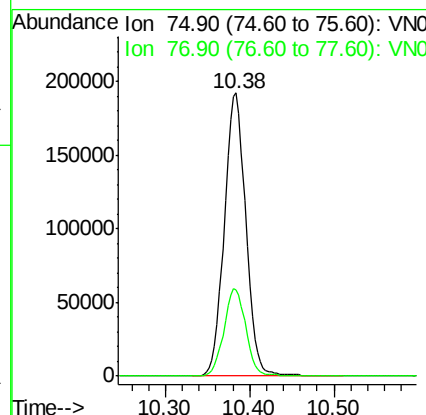
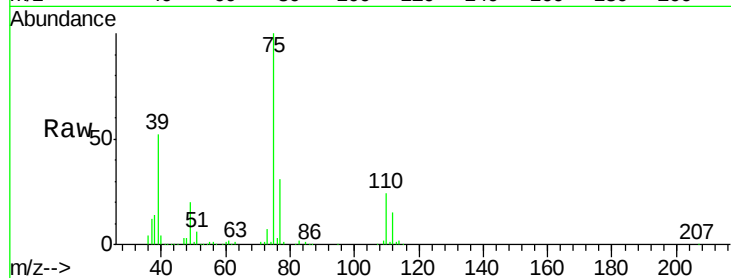
#53
t-1,3-Dichloropropene
Concen: 60.258 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 341676
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

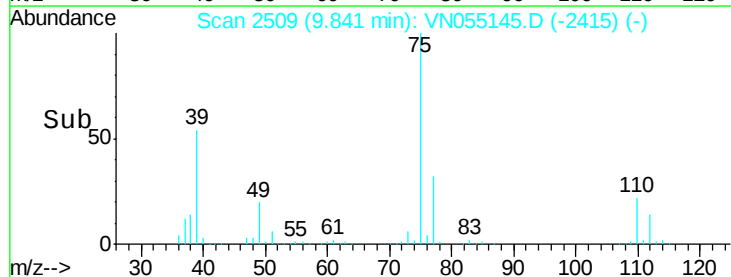
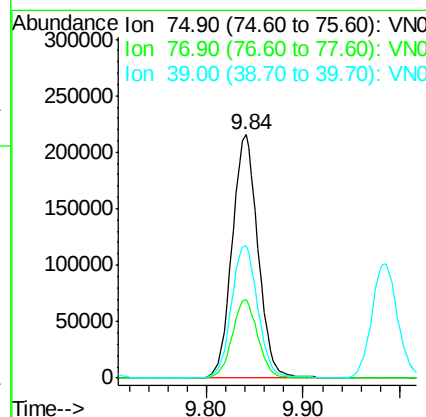
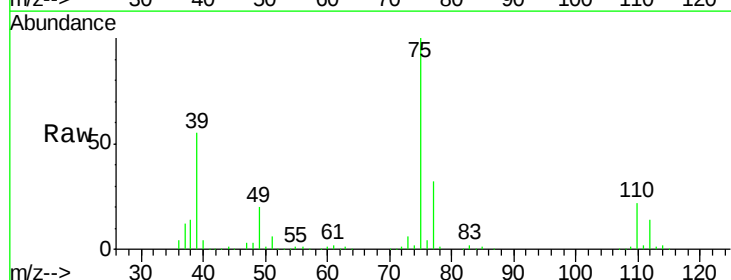
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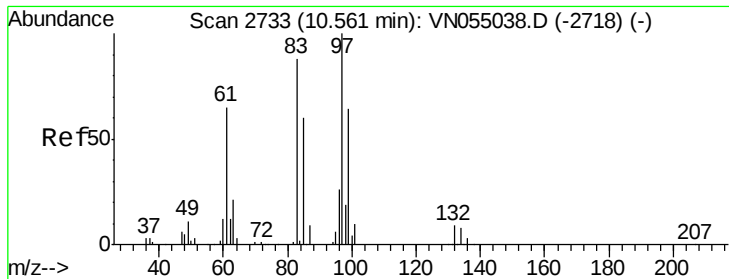
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#54
cis-1,3-Dichloropropene
Concen: 56.997 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 75 Resp: 401112
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 54.4 43.8 65.8





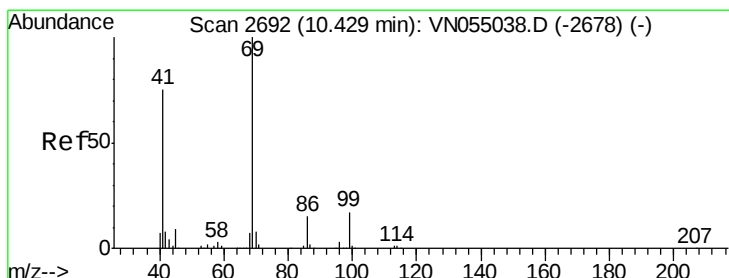
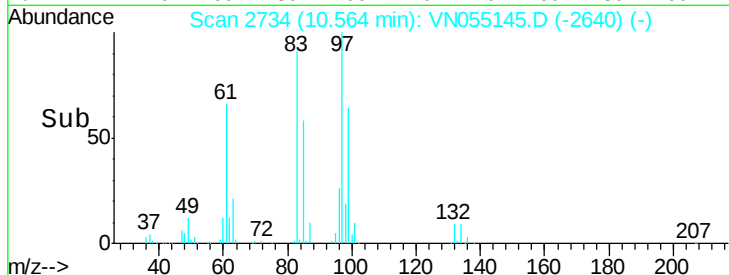
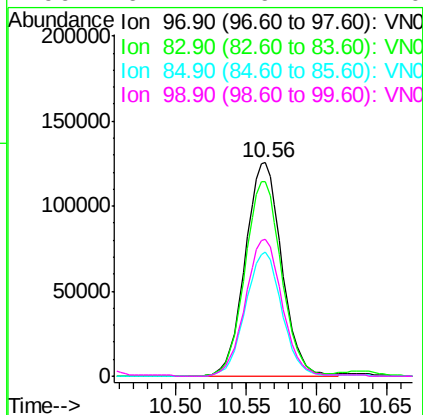
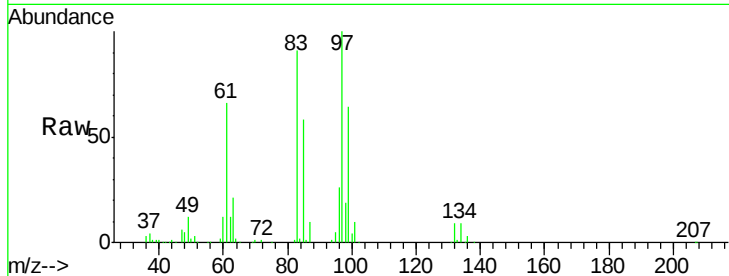
#55
 1,1,2-Trichloroethane
 Concen: 51.971 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	227357
Ion Ratio	Lower	Upper	
97	100		
83	91.0	70.5	105.7
85	58.2	45.5	68.3
99	64.2	49.4	74.0

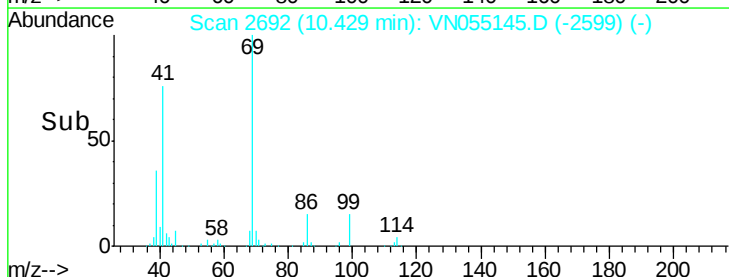
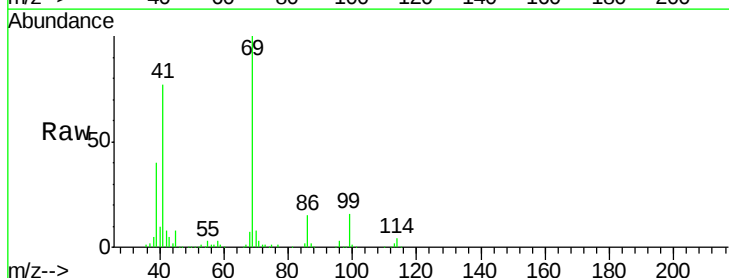
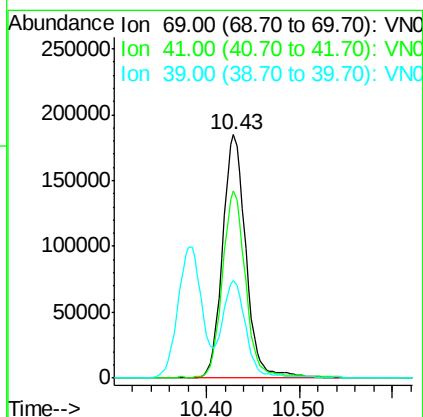
Manual Integrations
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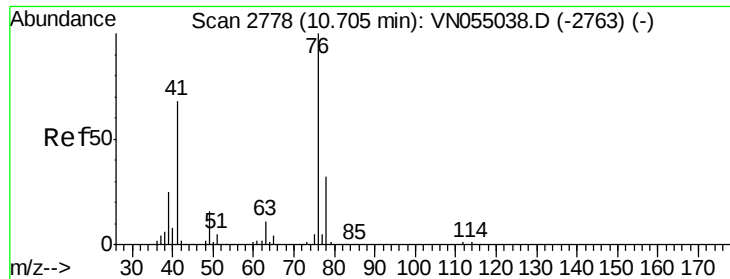
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#56
 Ethyl methacrylate
 Concen: 61.523 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion:	69	Resp:	323003
Ion Ratio	Lower	Upper	
69	100		
41	74.8	61.4	92.0
39	39.9	30.8	46.2





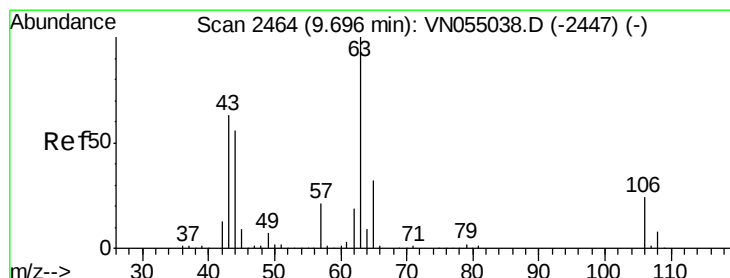
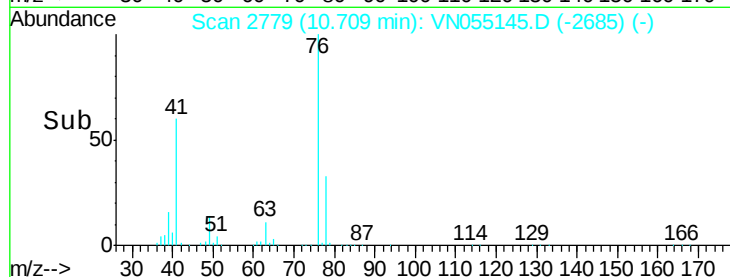
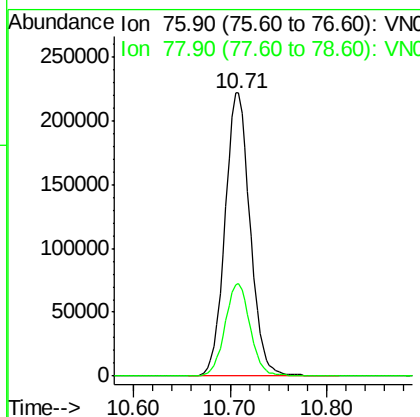
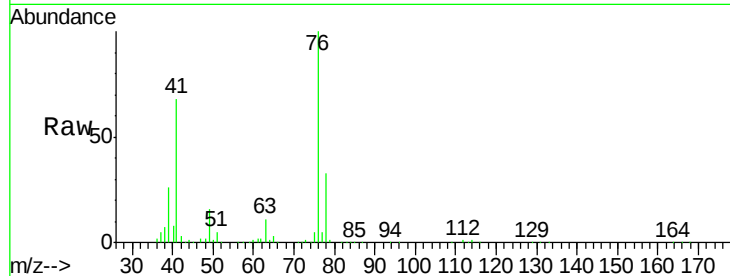
#57
 1,3-Dichloropropane
 Concen: 53.589 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 399142
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4

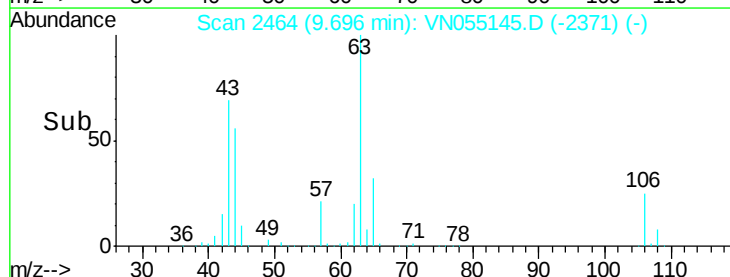
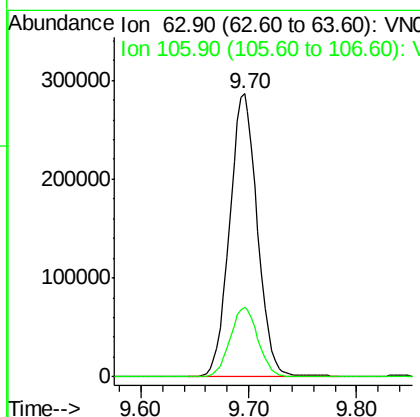
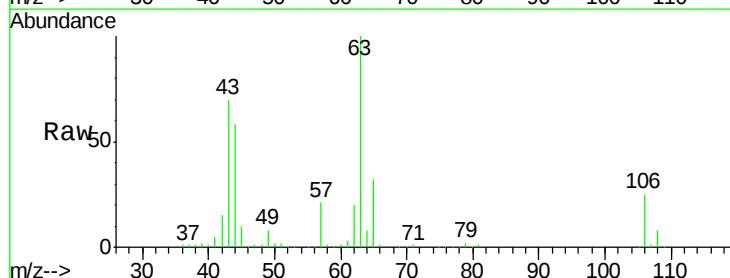
Manual Integrations
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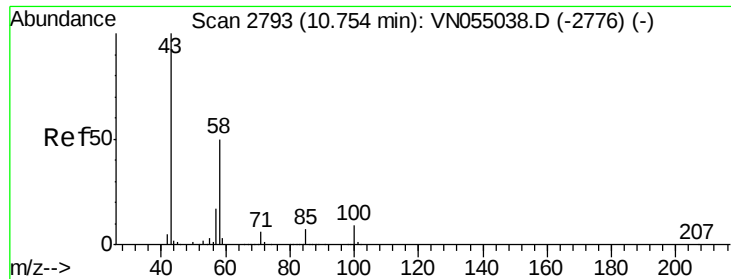
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#58
 2-Chloroethyl Vinyl ether
 Concen: 224.107 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion: 63 Resp: 514111
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.0 30.0





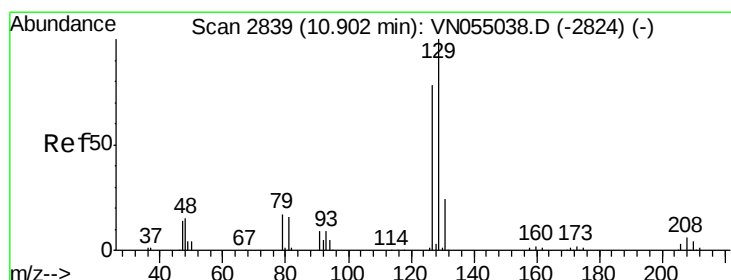
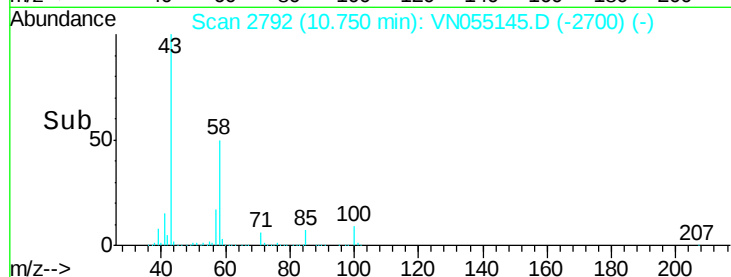
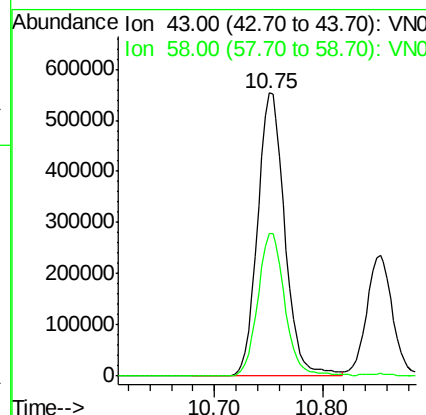
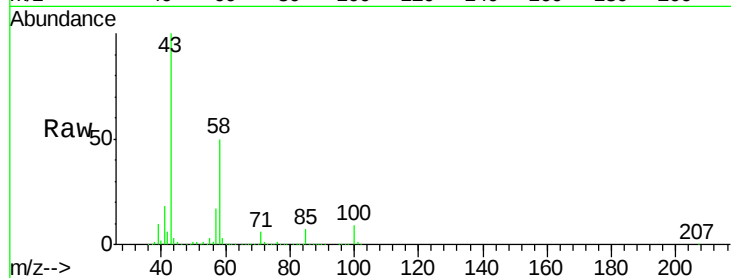
#59
2-Hexanone
Concen: 322.549 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 965788
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.2

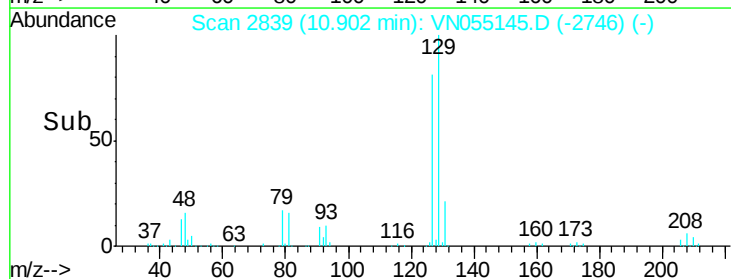
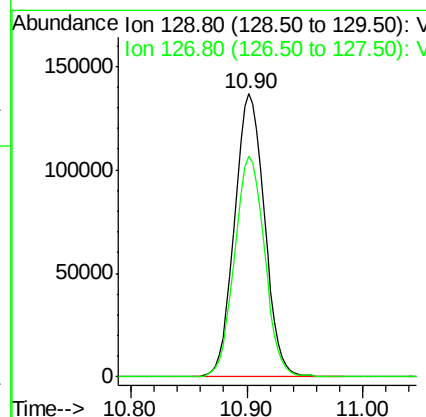
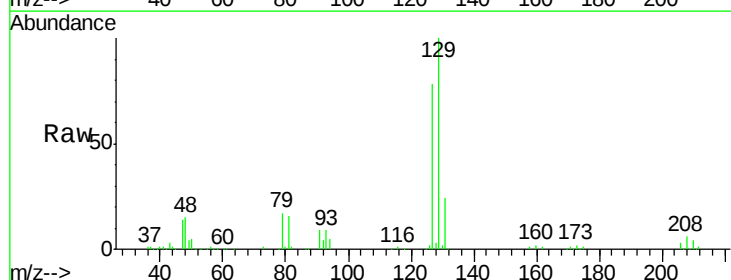
Manual Integrations
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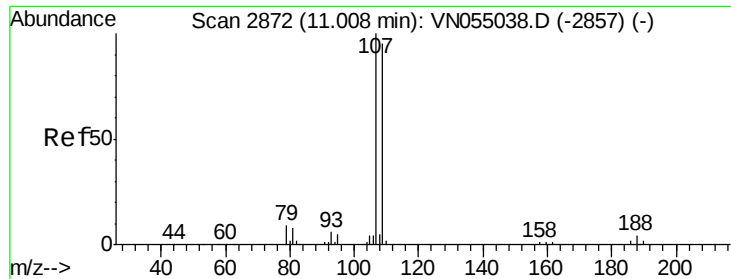
MMDadoda
4/22/2019 10:07:23 AM



#60
Dibromochloromethane
Concen: 57.112 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 129 Resp: 243972
Ion Ratio Lower Upper
129 100
127 78.4 38.2 114.6





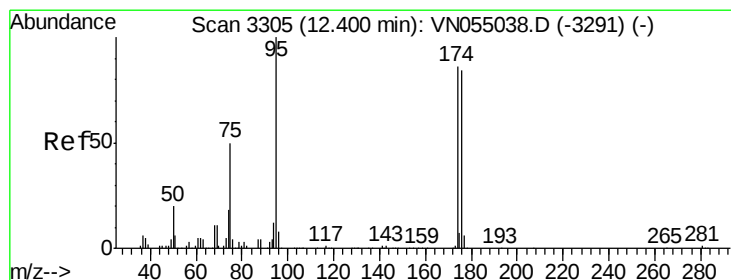
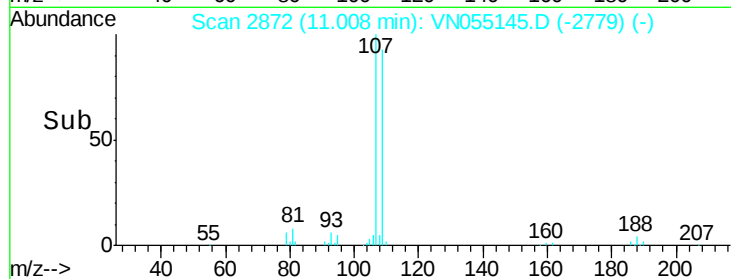
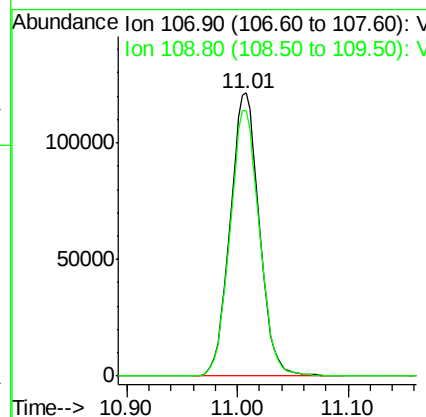
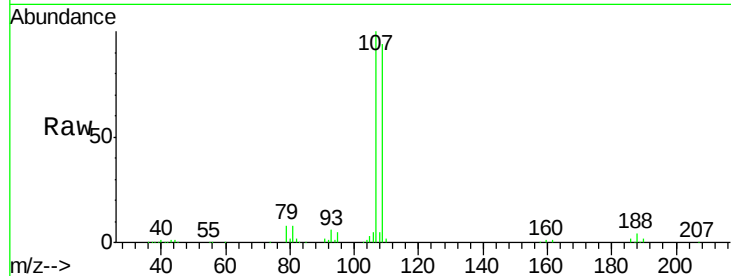
#61
 1,2-Dibromoethane
 Concen: 55.123 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.5	114.7

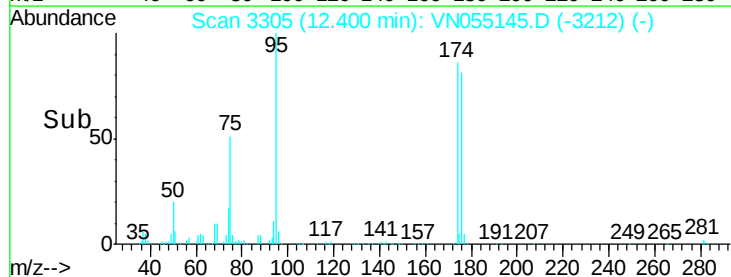
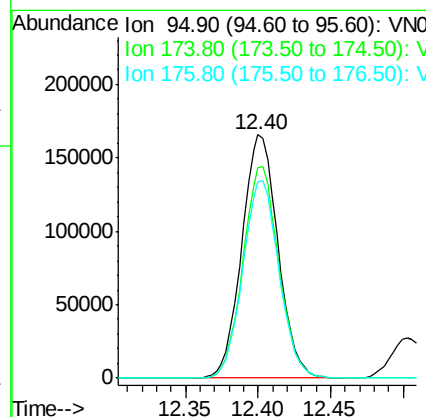
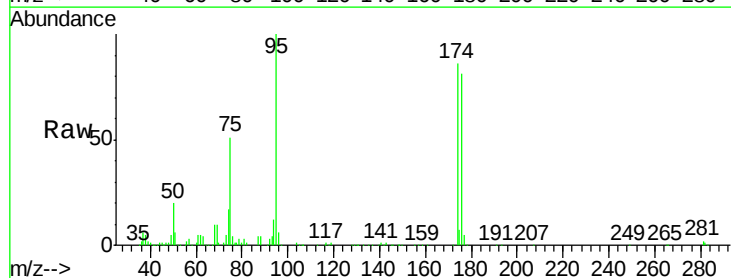
Manual Integrations
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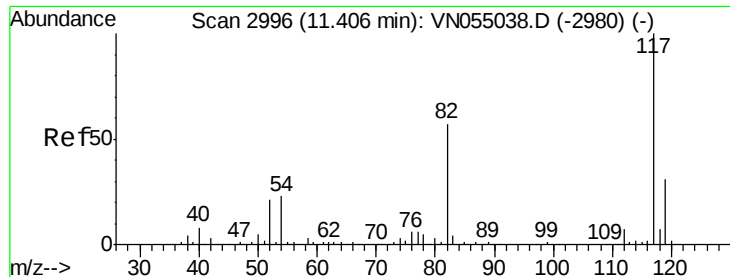
MMDadoda
 4/22/2019 10:07:23 AM



#62
 4-Bromofluorobenzene
 Concen: 52.978 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	174.4
176	81.3	0.0	166.8





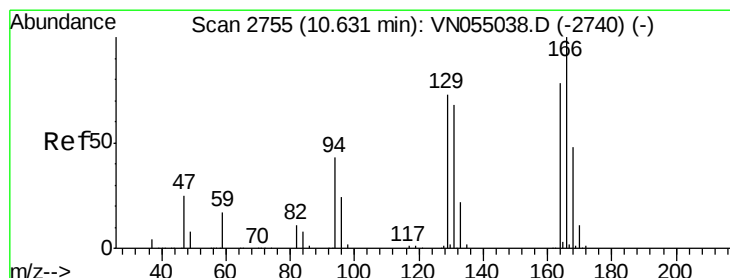
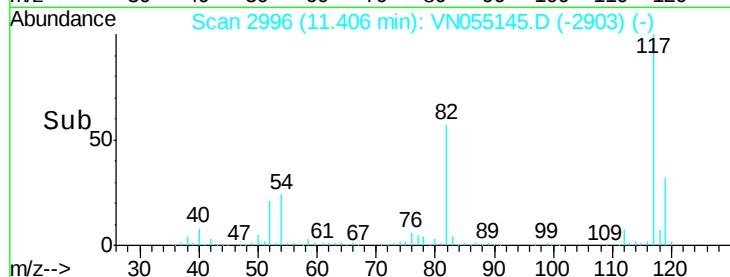
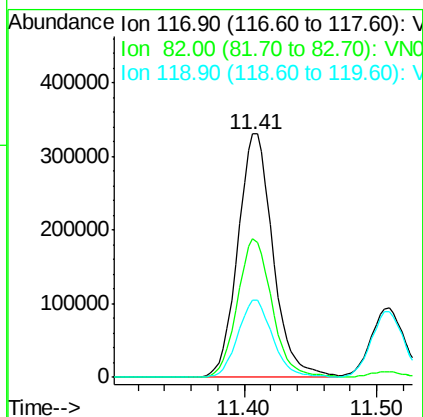
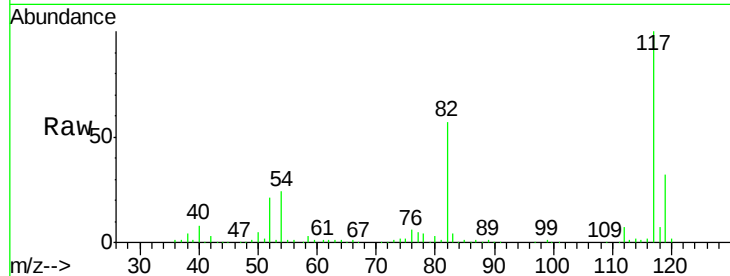
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	66.8
119	31.8	25.5	38.3

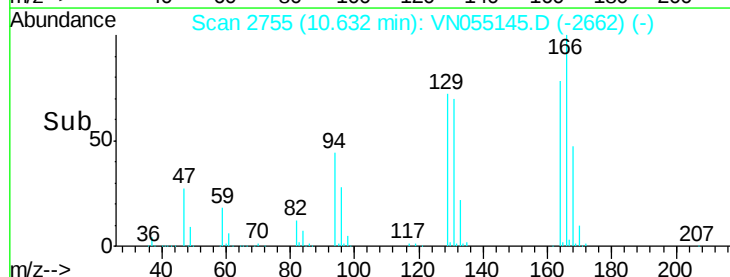
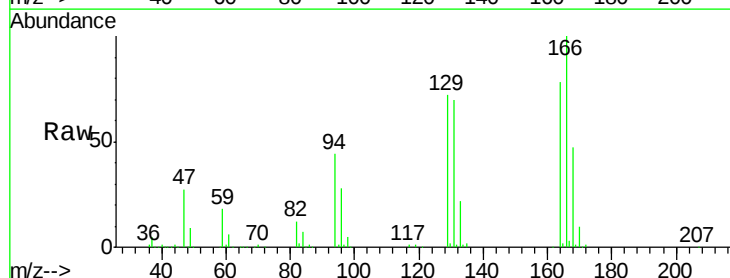
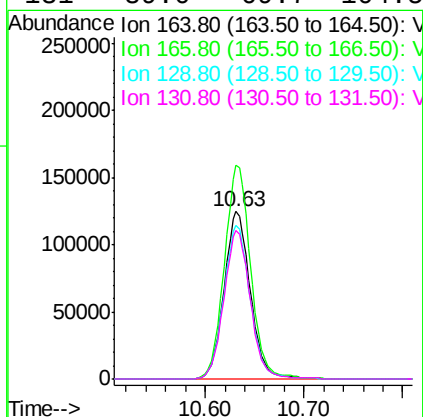
Manual Integrations
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#64
Tetrachloroethene
Concen: 47.128 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.0	150.0
129	92.1	72.0	108.0
131	89.0	69.7	104.5





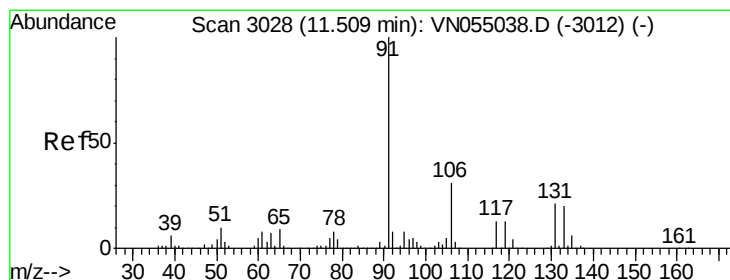
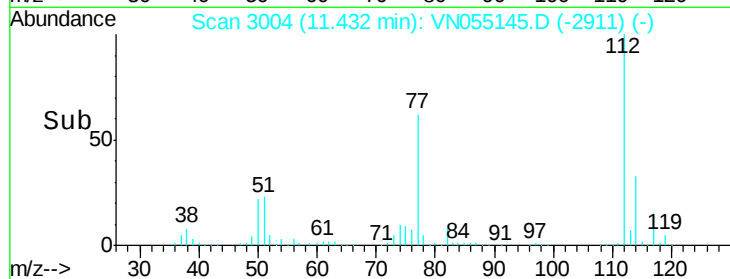
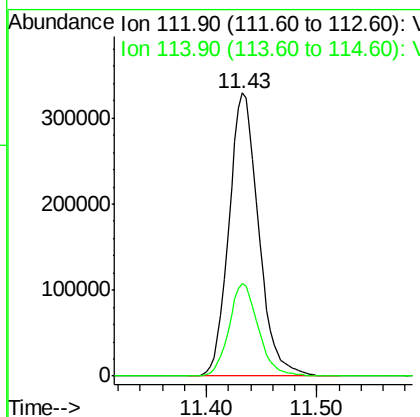
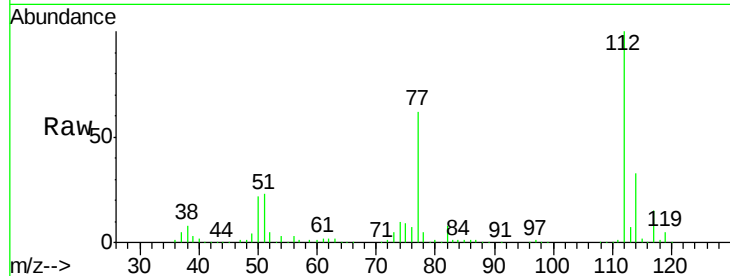
#65
Chlorobenzene
Concen: 50.129 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 613464
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

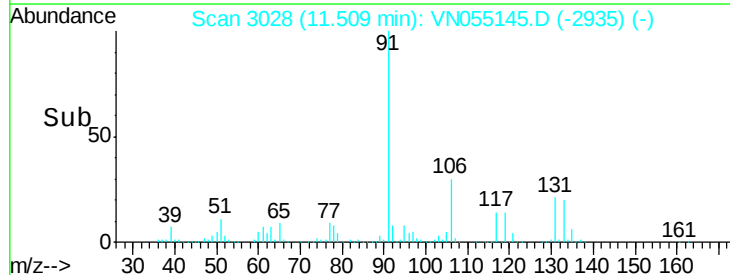
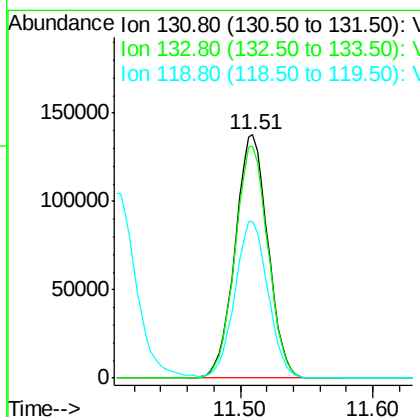
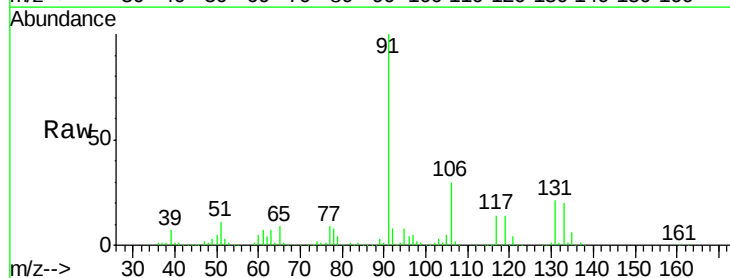
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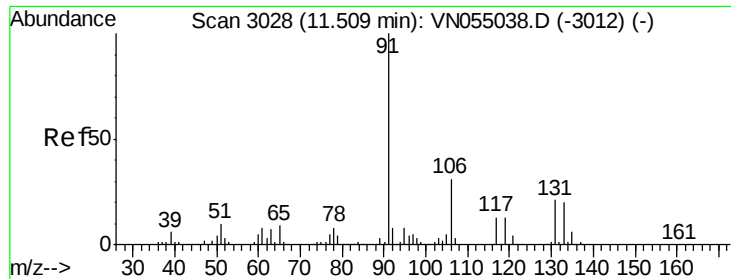
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.671 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:131 Resp: 237070
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 64.9 33.6 100.6





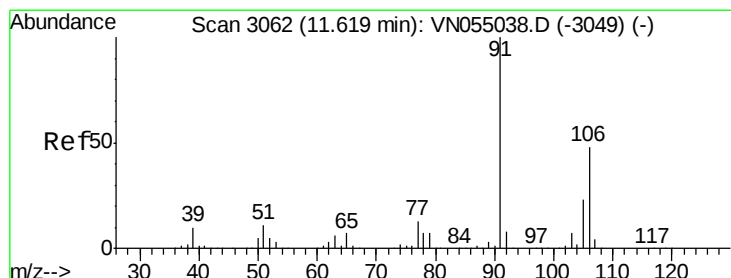
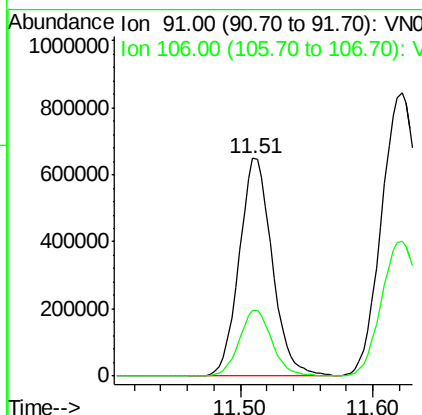
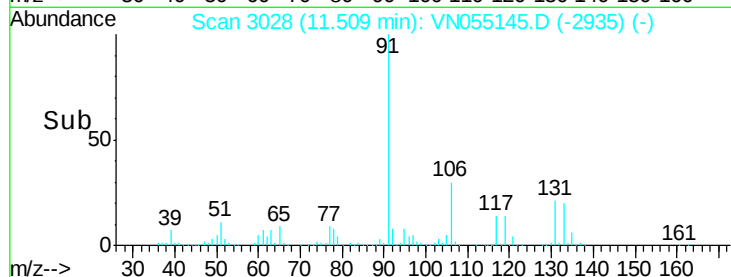
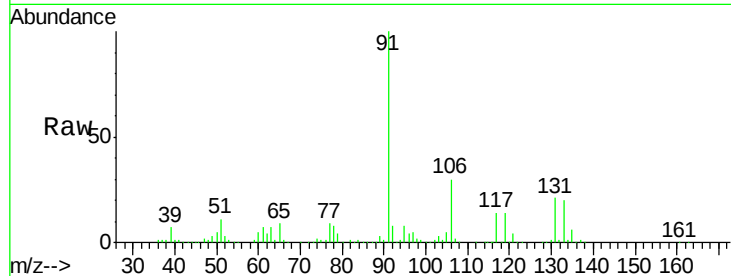
#67
Ethyl Benzene
Concen: 51.413 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1123592
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

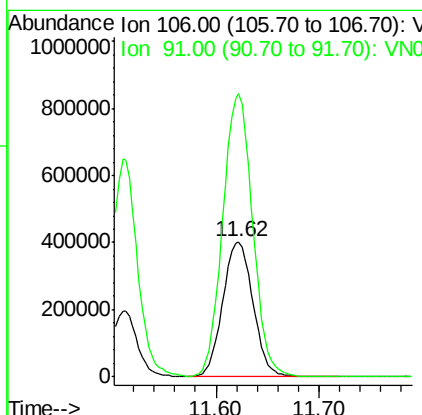
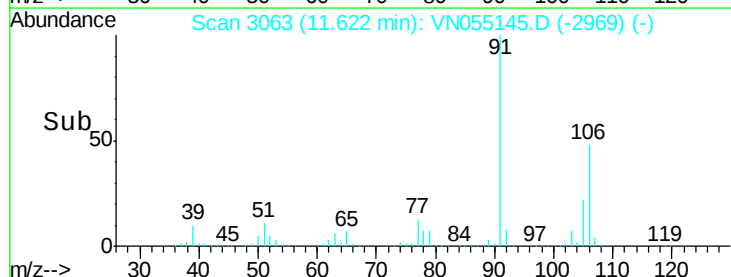
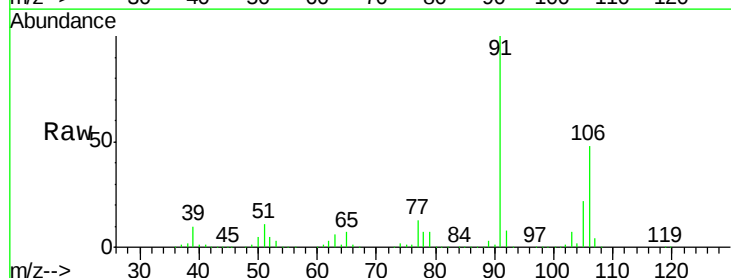
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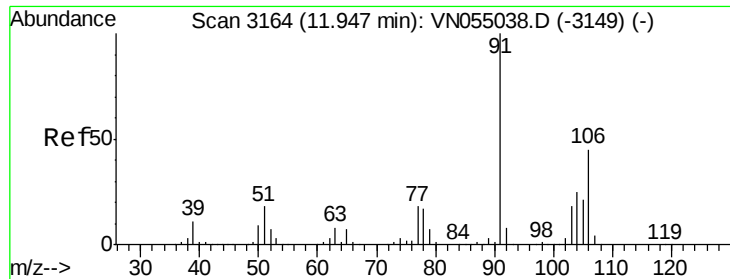
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#68
m/p-Xylenes
Concen: 104.018 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion: 106 Resp: 823163
Ion Ratio Lower Upper
106 100
91 207.0 165.9 248.9





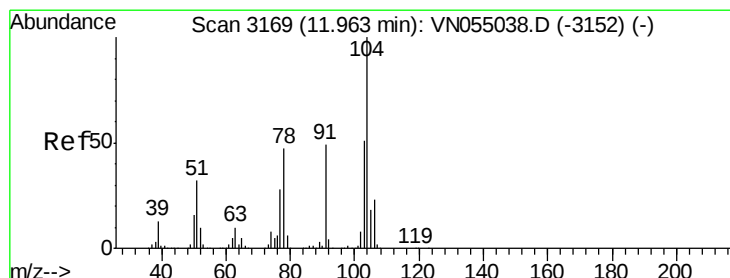
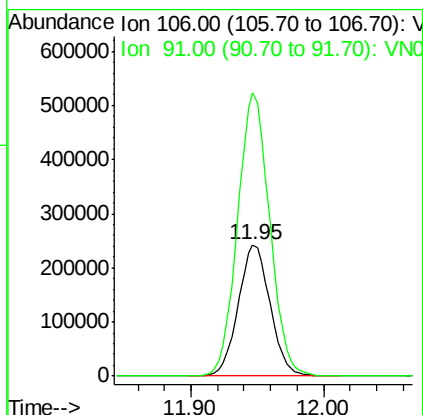
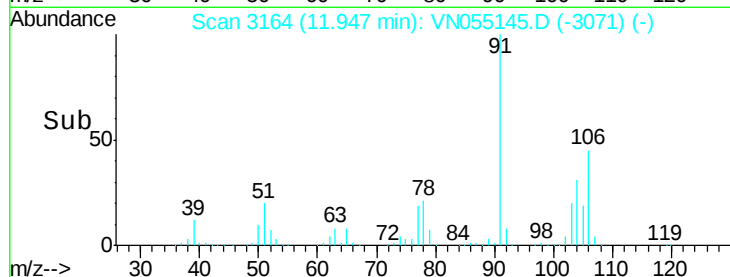
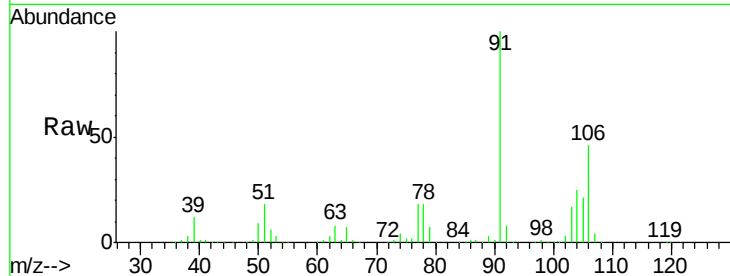
#69
o-Xylene
Concen: 52.756 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 404370
Ion Ratio Lower Upper
106 100
91 217.8 109.9 329.8

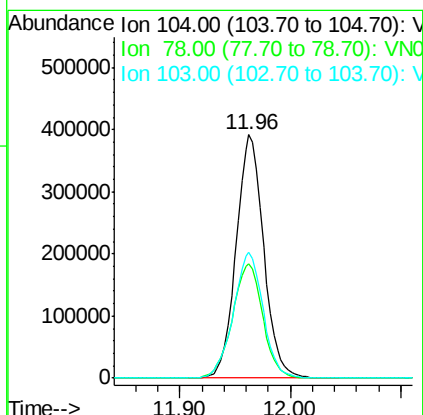
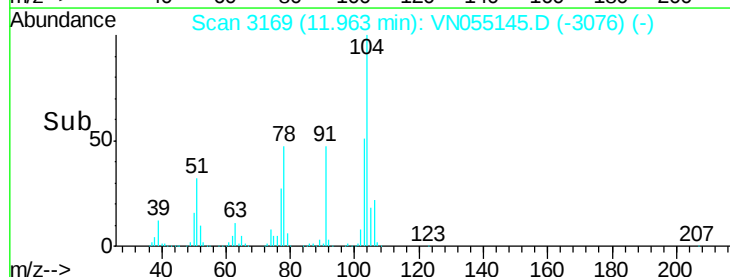
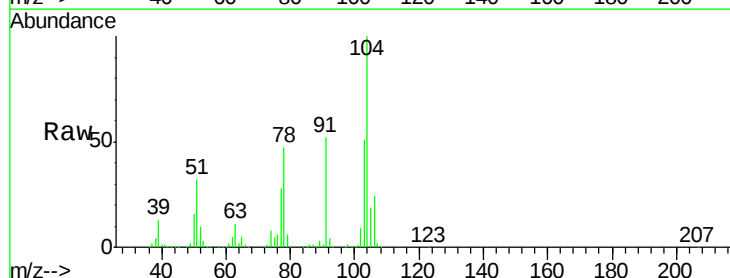
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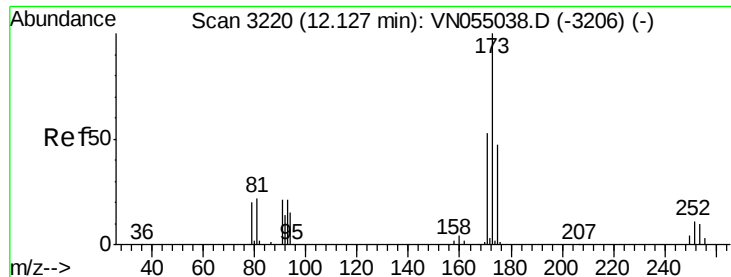
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#70
Styrene
Concen: 54.536 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion:104 Resp: 676629
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 55.7 44.3 66.5





#71

Bromoform

Concen: 60.978 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

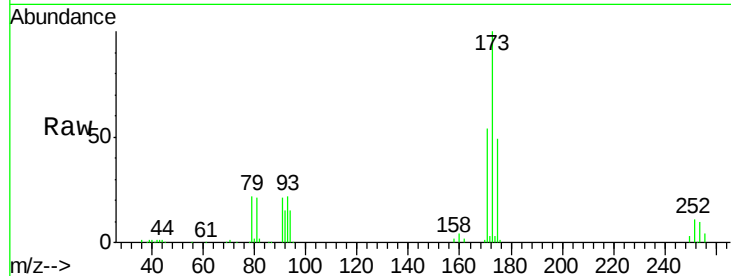
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	73.0
254	0.0	0.1	0.1

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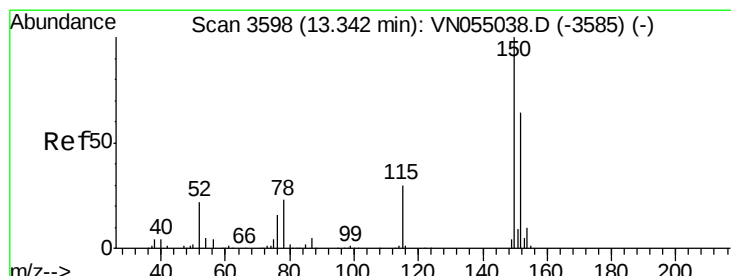
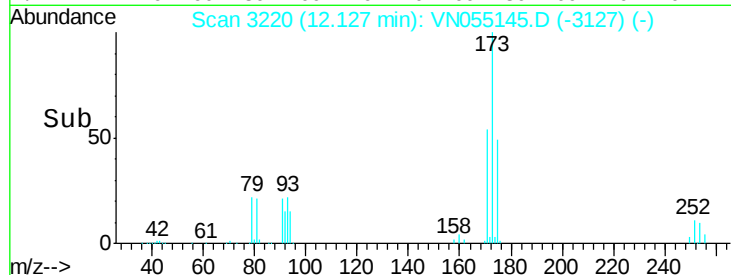
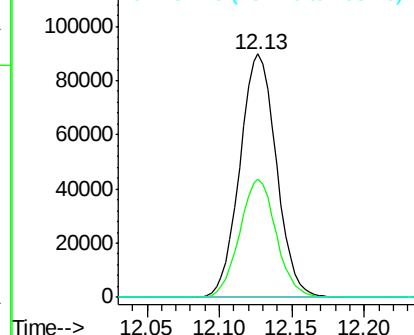


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

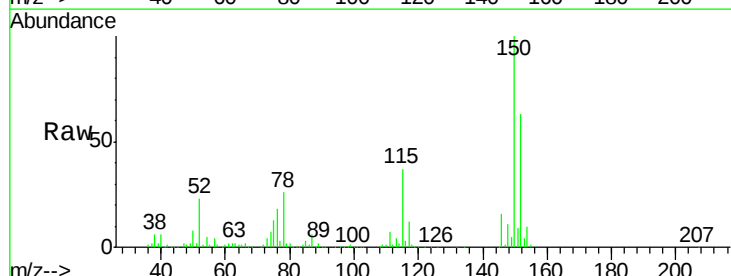
RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.5	85.6
150	173.1	0.0	347.2

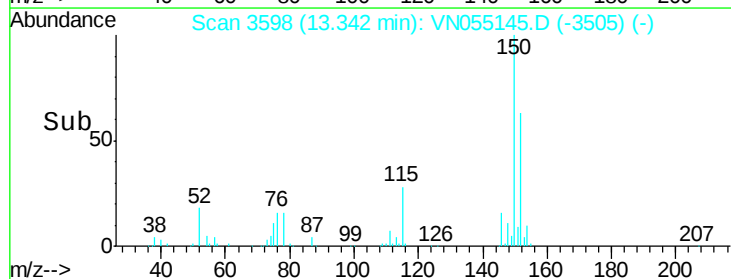
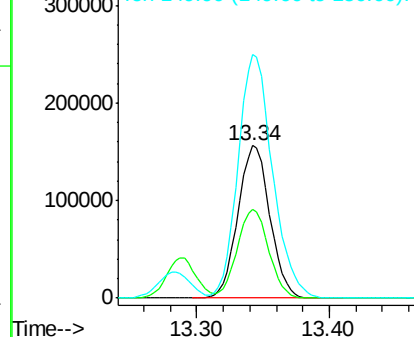


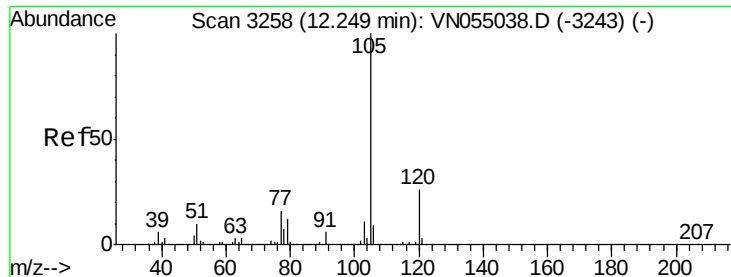
Abundance

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: 46.477 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1074179

Ion Ratio Lower Upper

105 100

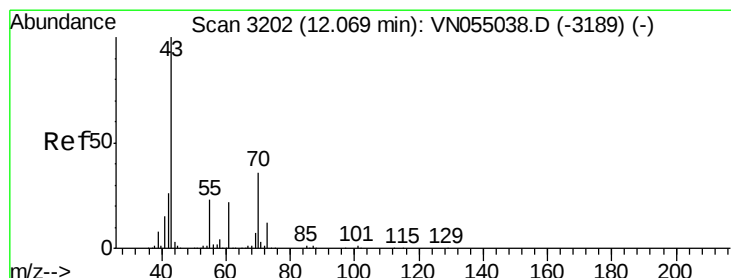
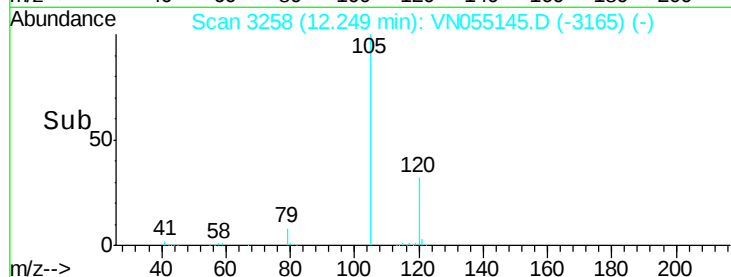
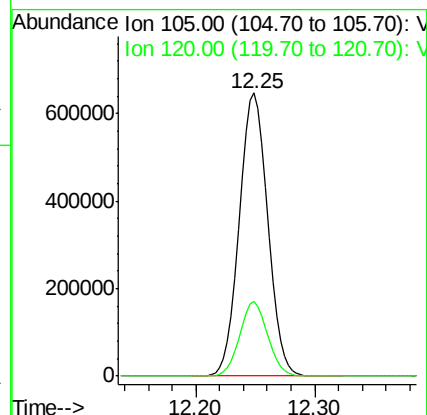
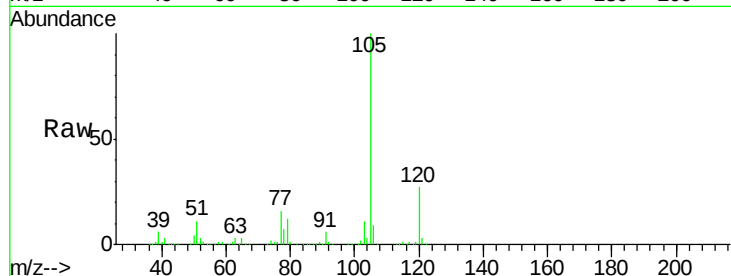
120 26.0 13.3 39.9

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#74

N-ethyl acetate

Concen: 59.017 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion: 43 Resp: 383967

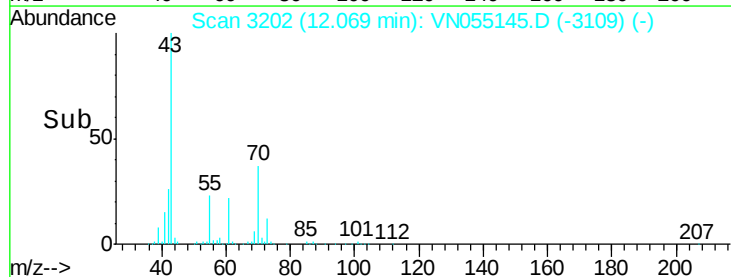
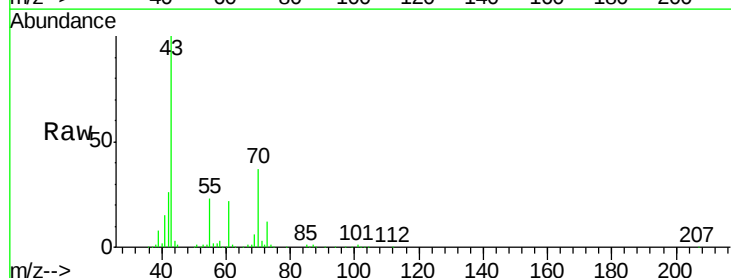
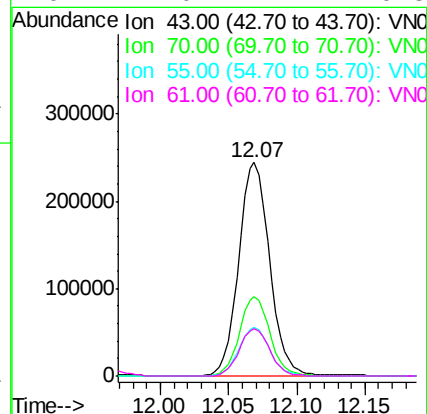
Ion Ratio Lower Upper

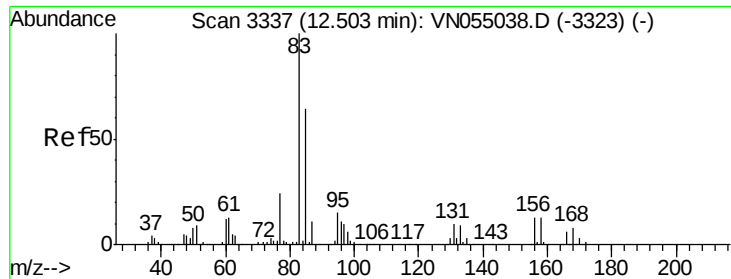
43 100

70 36.6 29.4 44.0

55 22.8 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.050 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

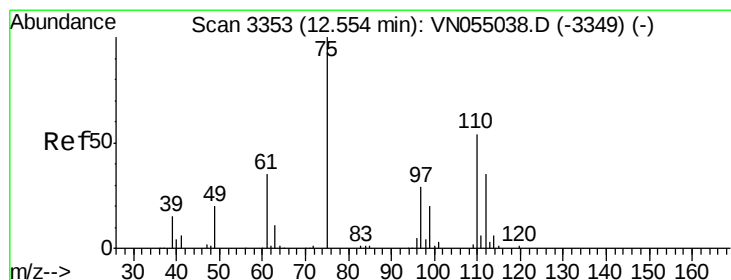
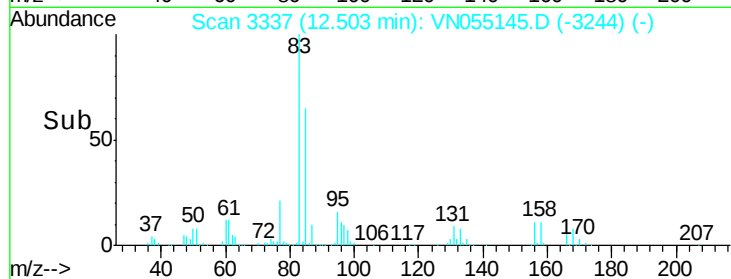
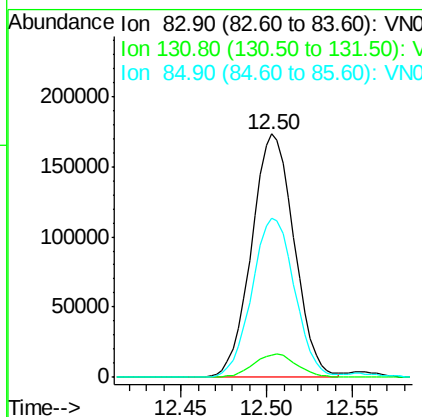
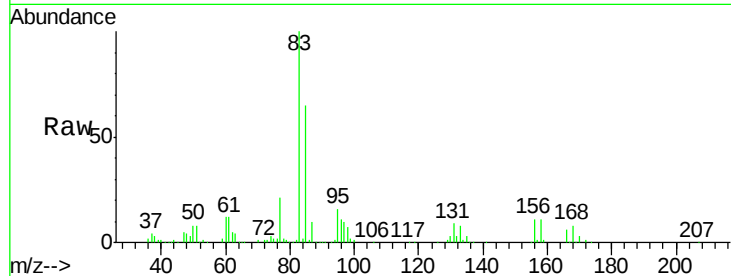
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	297154
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	65.5	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.357 ug/l m

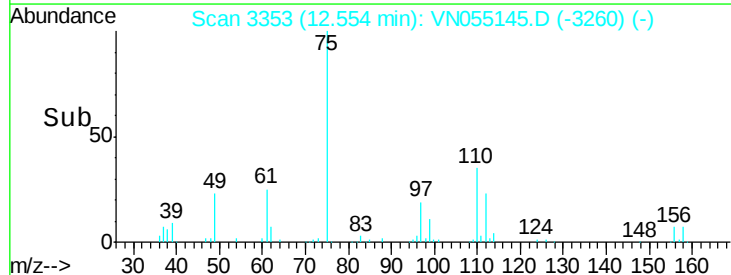
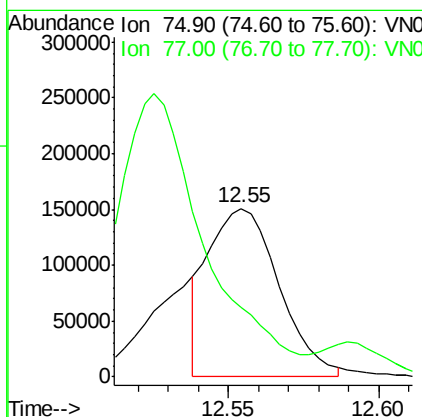
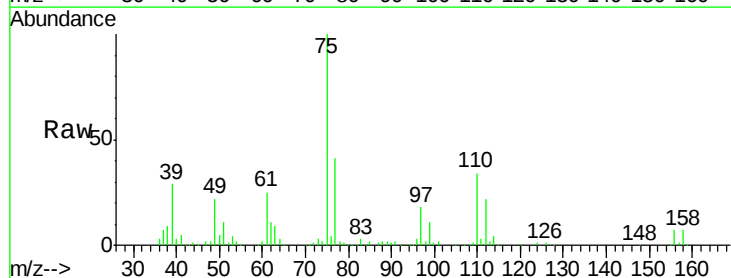
RT: 12.55 min Scan# 3353

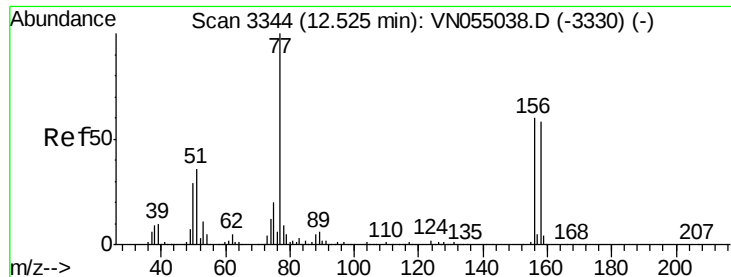
Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	75	Resp:	245217
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.884 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 264378

Ion Ratio Lower Upper

156 100

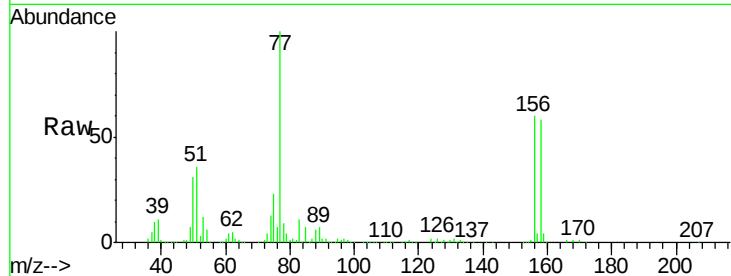
77 198.6 97.2 291.5

158 96.7 48.6 145.9

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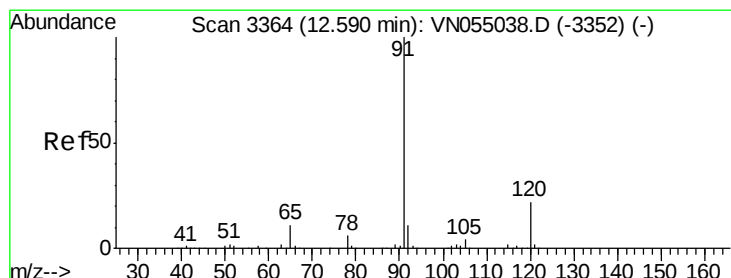
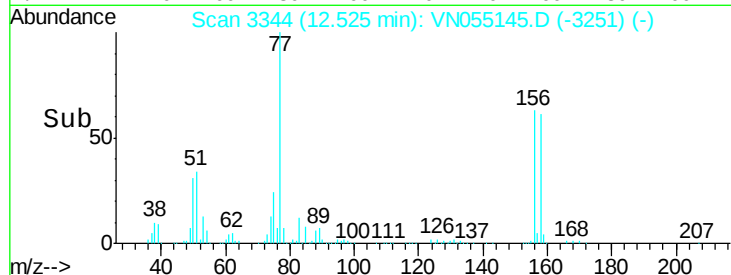
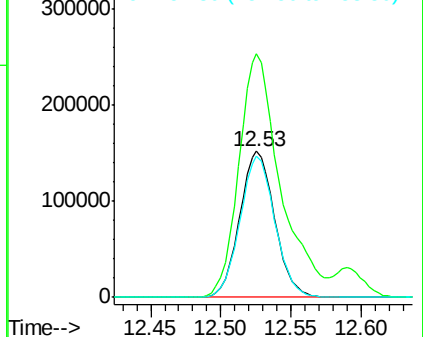
4/22/2019 10:07:23 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.940 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055145.D

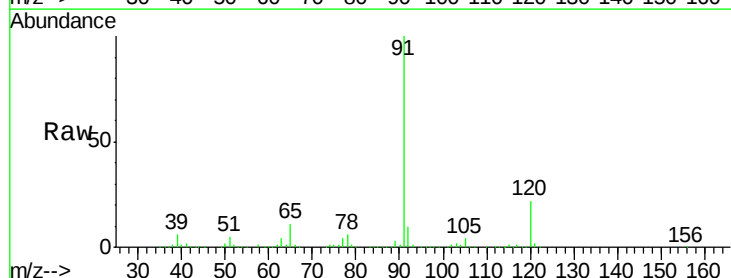
Acq: 19 Apr 2019 17:42

Tgt Ion: 91 Resp: 1197093

Ion Ratio Lower Upper

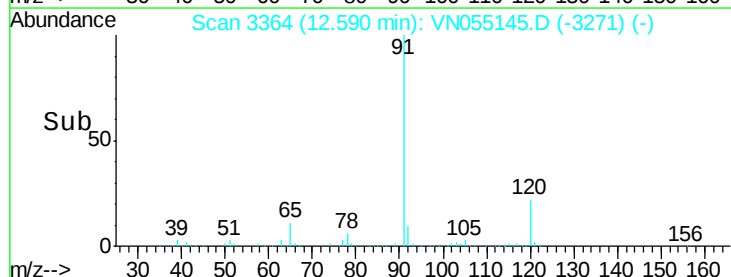
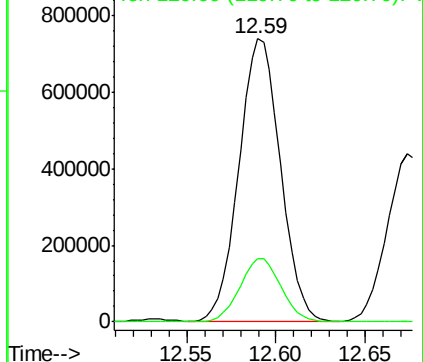
91 100

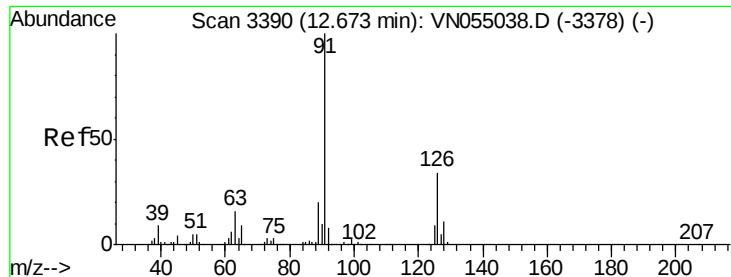
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.993 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 731927

Ion Ratio Lower Upper

91 100

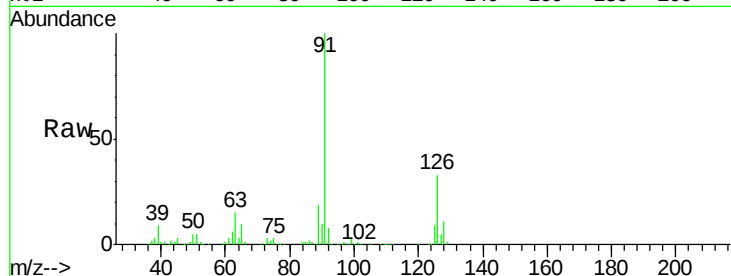
126 33.9 17.1 51.2

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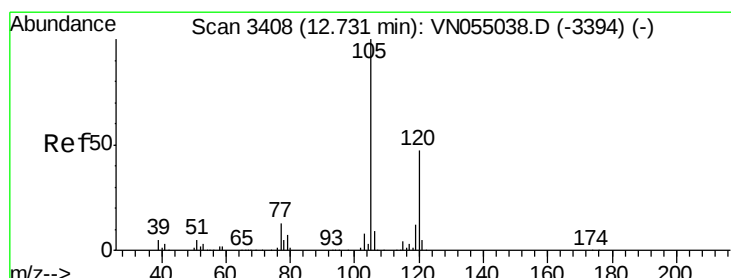
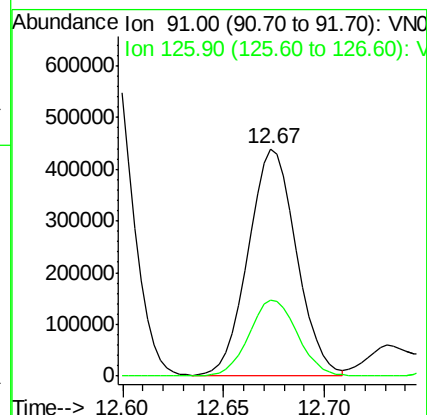
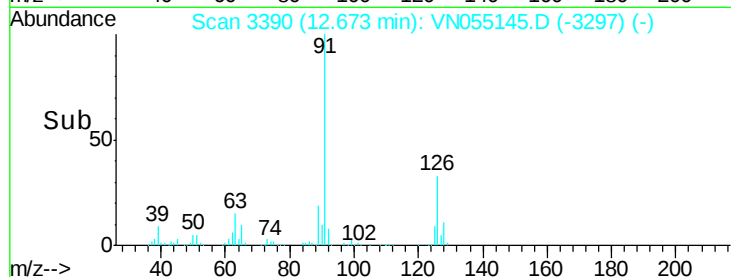
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Abundance Ion 91.00 (90.70 to 91.70): VN055145.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN055145.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.123 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055145.D

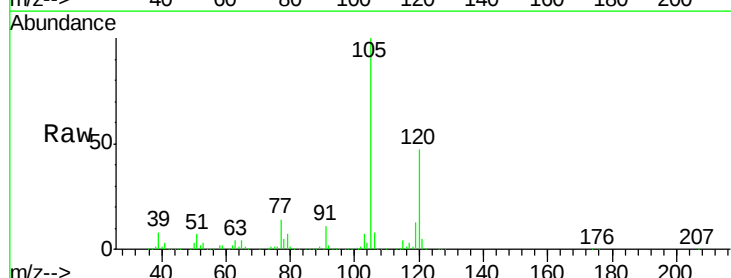
Acq: 19 Apr 2019 17:42

Tgt Ion: 105 Resp: 878897

Ion Ratio Lower Upper

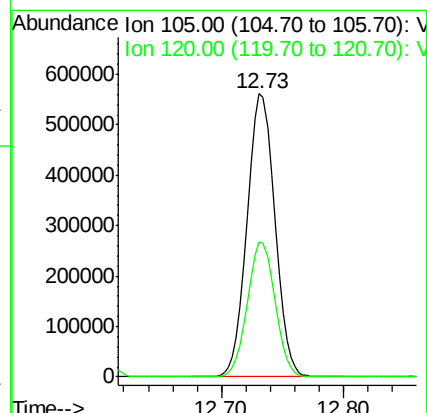
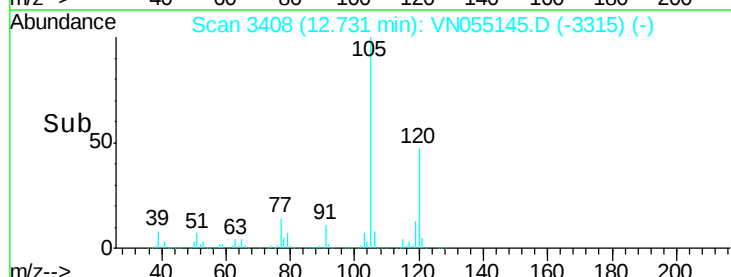
105 100

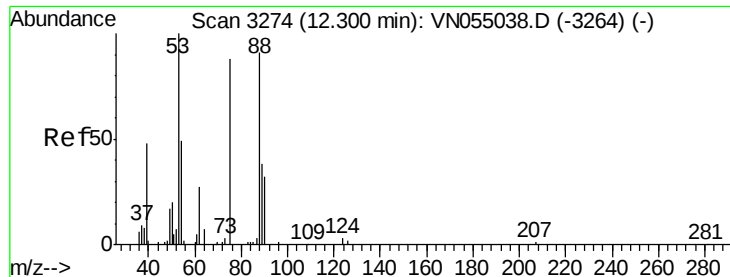
120 47.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN055145.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN055145.D (-3315) (-)





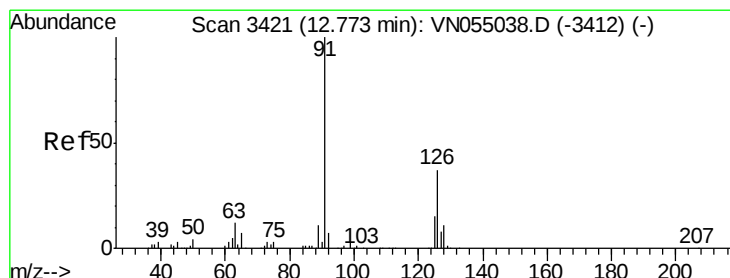
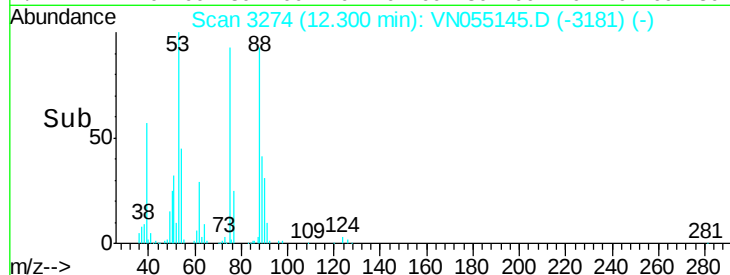
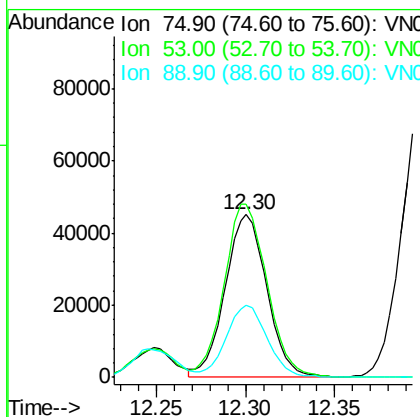
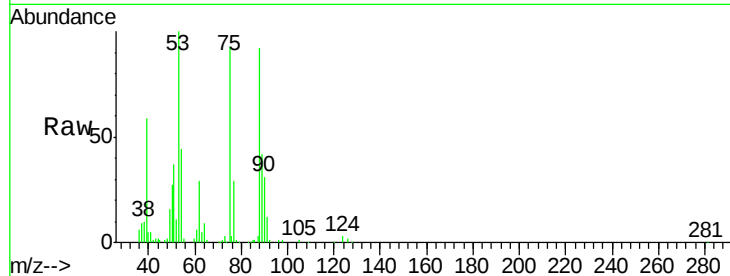
#81
trans-1,4-Dichloro-2-butene
Concen: 62.818 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.7	96.3	144.5
89	43.8	38.6	57.8

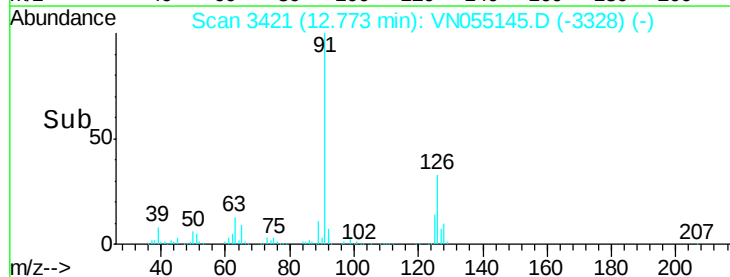
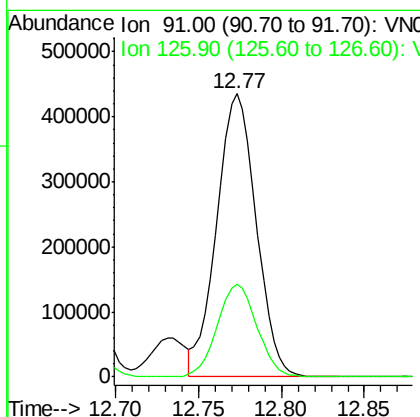
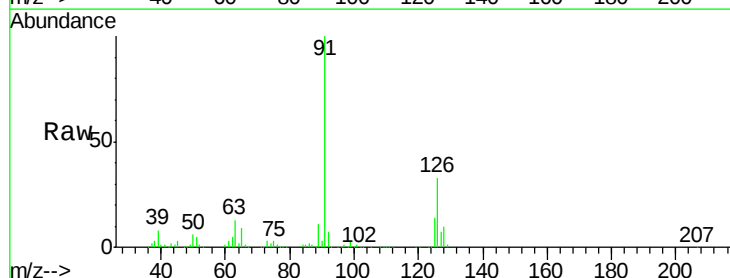
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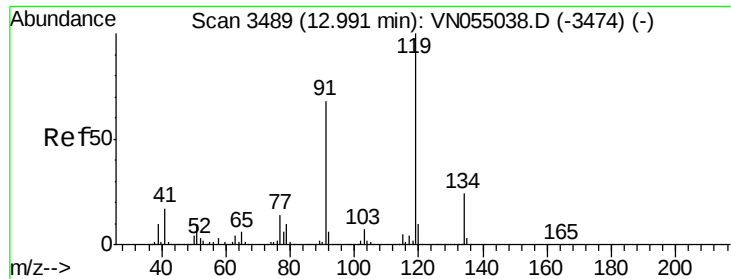
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#82
4-Chlorotoluene
Concen: 49.466 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.2





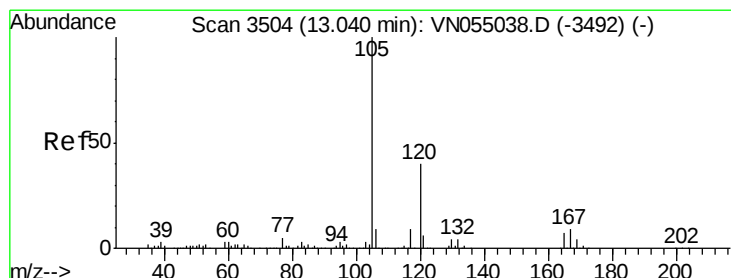
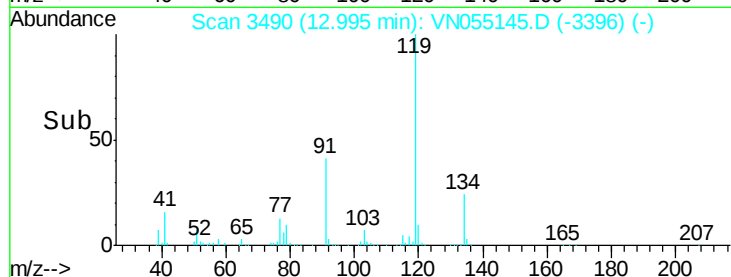
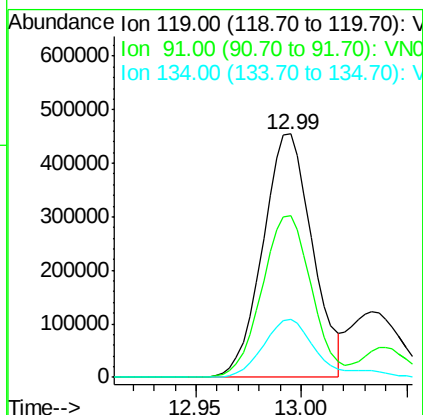
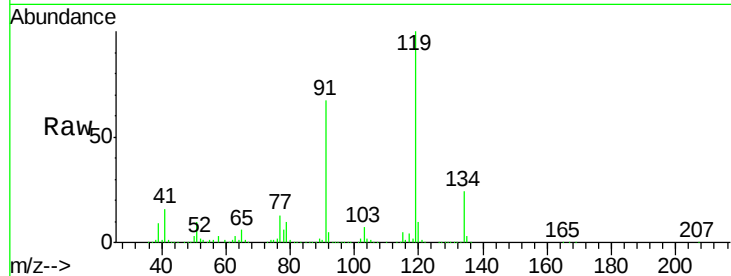
#83
tert-Butylbenzene
Concen: 47.200 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.3	99.8
134	26.2	12.3	36.9

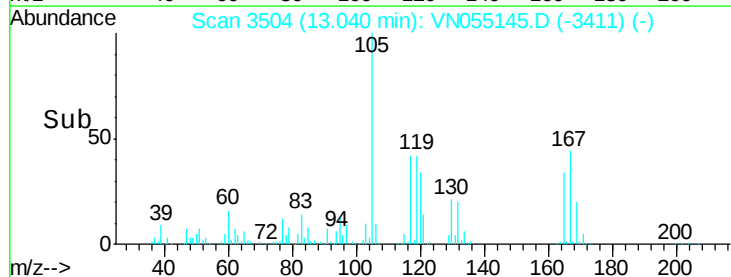
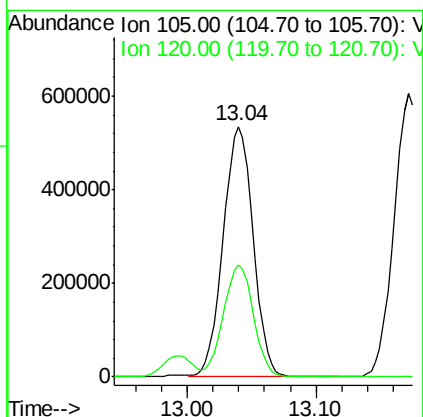
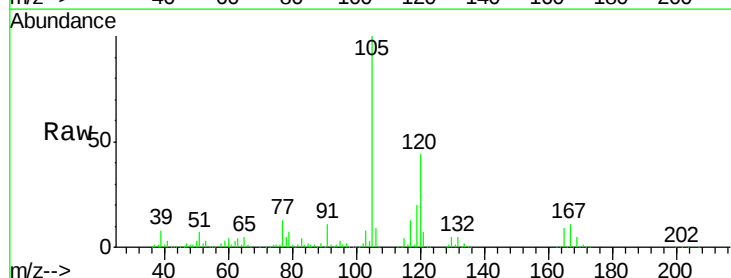
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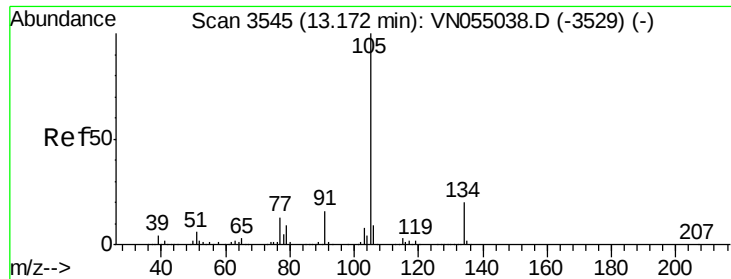
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#84
1,2,4-Trimethylbenzene
Concen: 48.772 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055145.D
Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 47.760 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 958587

Ion Ratio Lower Upper

105 100

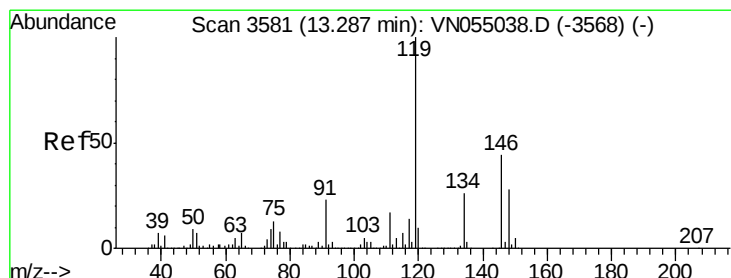
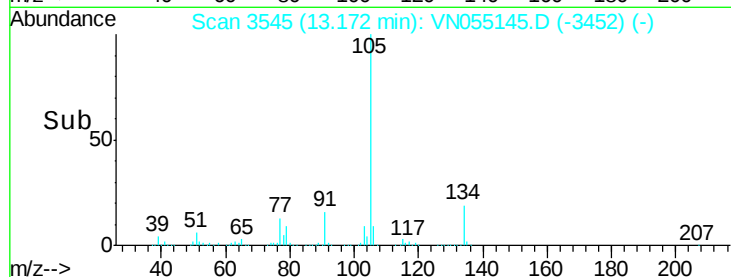
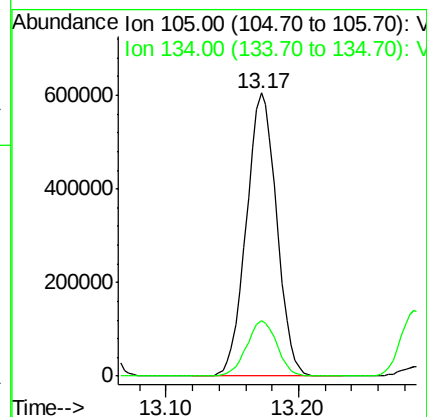
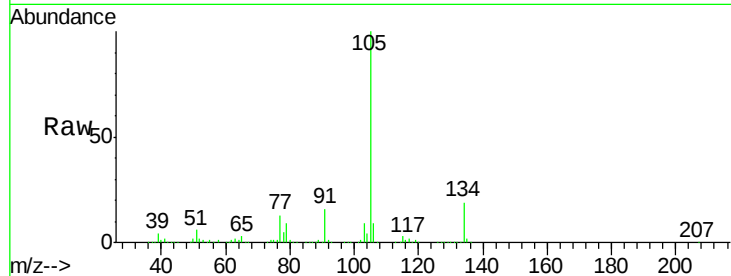
134 19.6 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.336 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

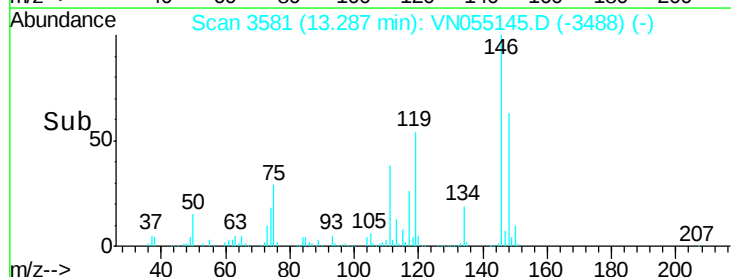
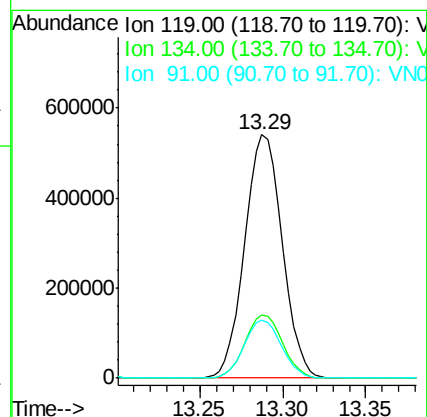
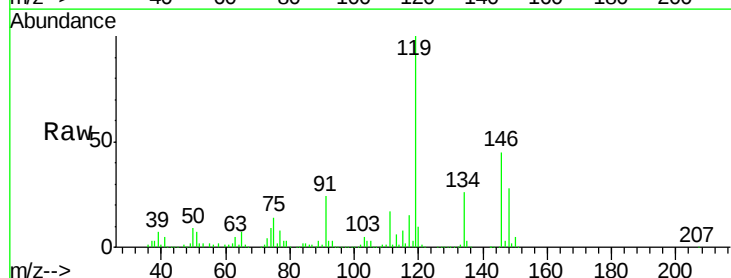
Tgt Ion:119 Resp: 849538

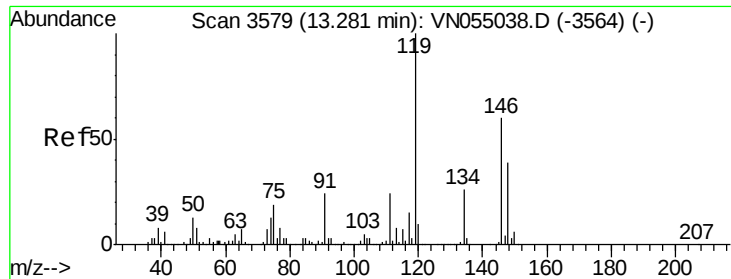
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.7 11.7 35.1





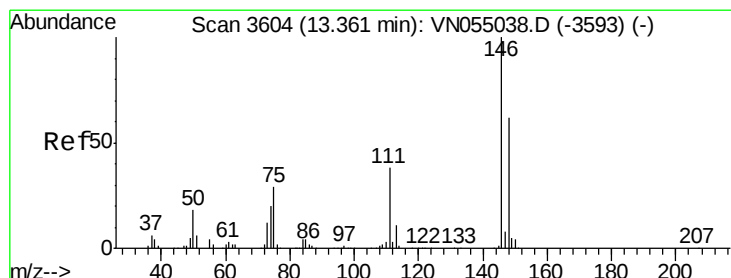
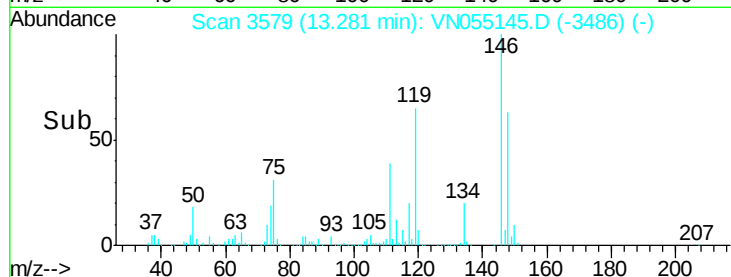
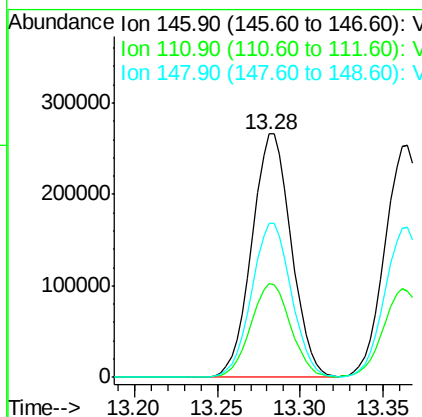
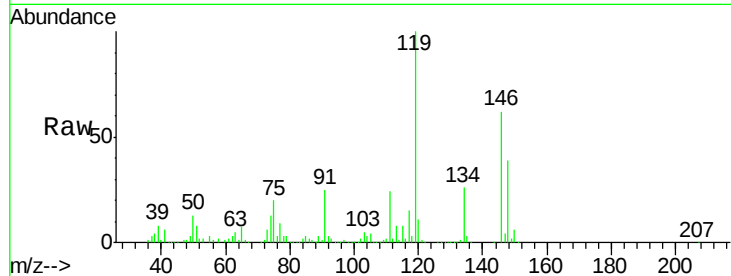
#87
 1,3-Dichlorobenzene
 Concen: 50.628 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	63.6	31.6	94.7

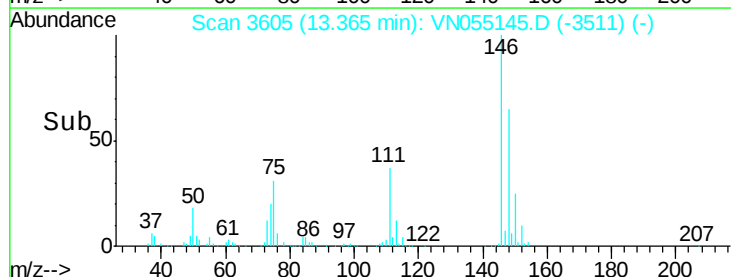
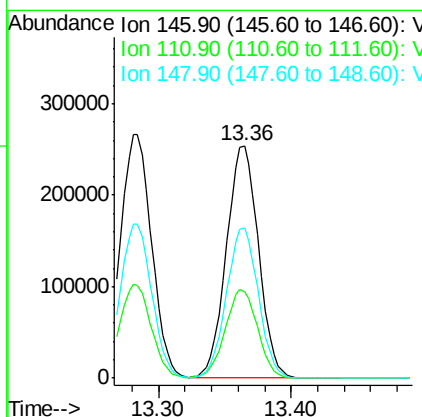
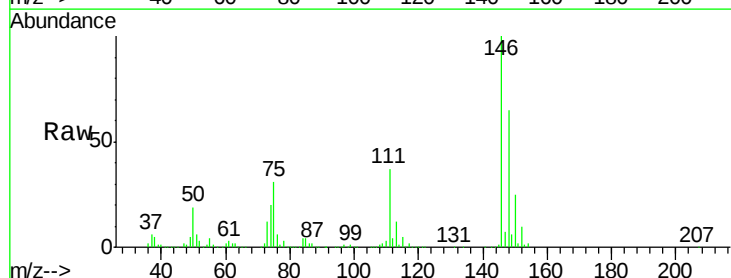
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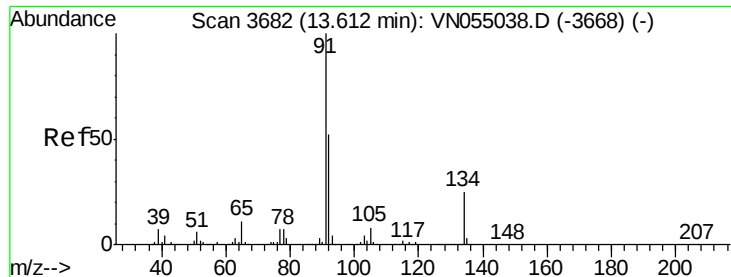
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#88
 1,4-Dichlorobenzene
 Concen: 51.037 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.4
148	64.5	32.4	97.2





#89

n-Butylbenzene

Concen: 54.202 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

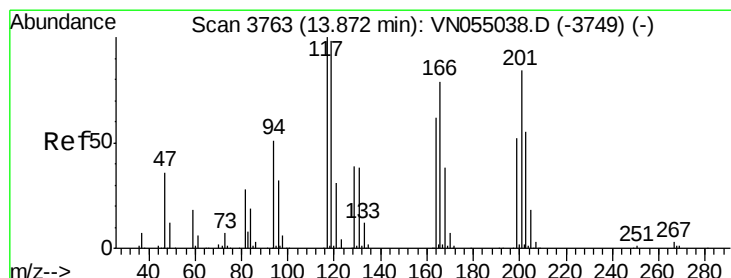
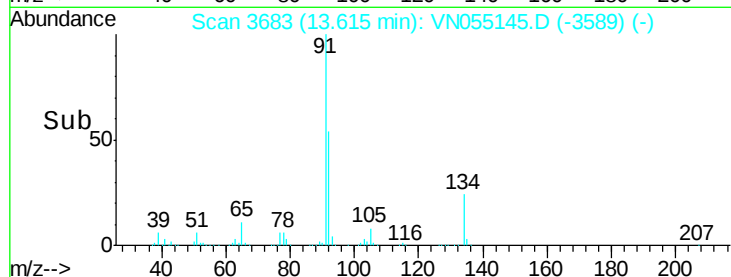
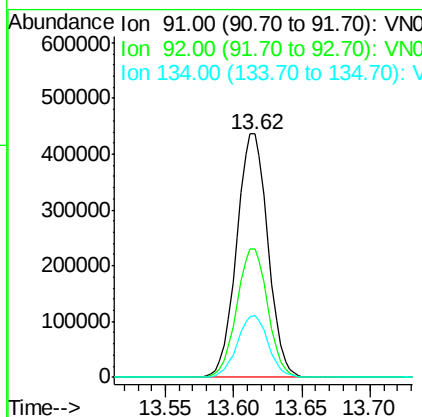
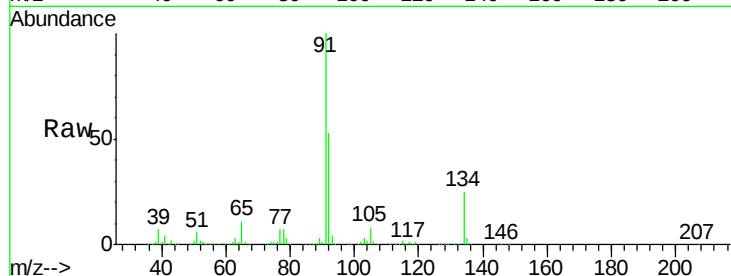
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	692862
Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.9	77.7
134	25.0	12.8	38.3

Manual Integrations
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#90

Hexachloroethane

Concen: 50.375 ug/l

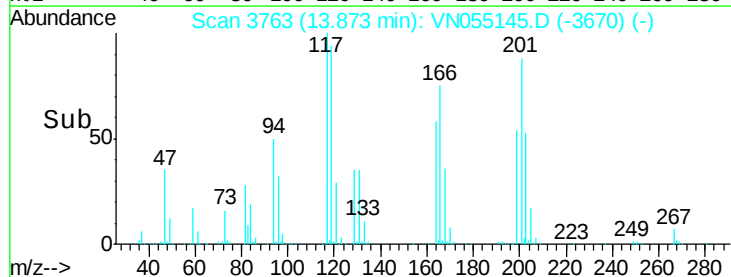
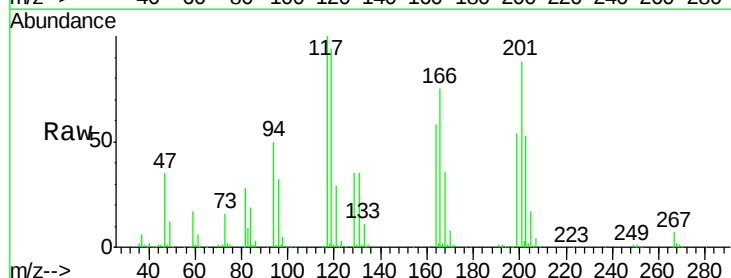
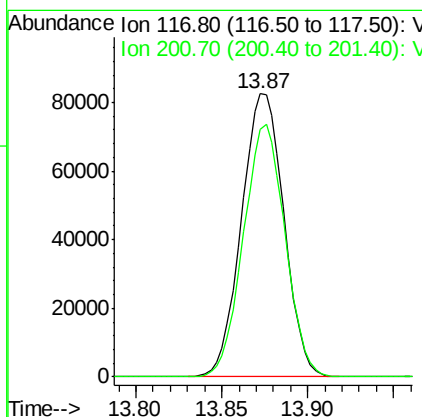
RT: 13.87 min Scan# 3763

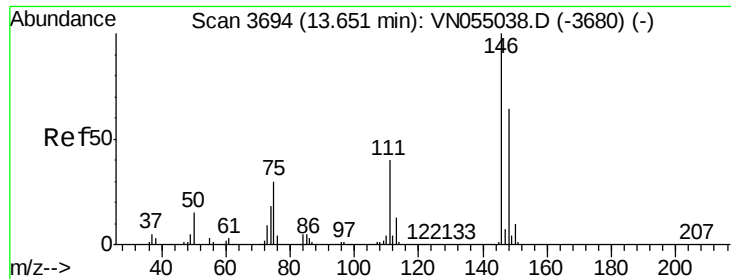
Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	117	Resp:	141143
Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.4	130.2





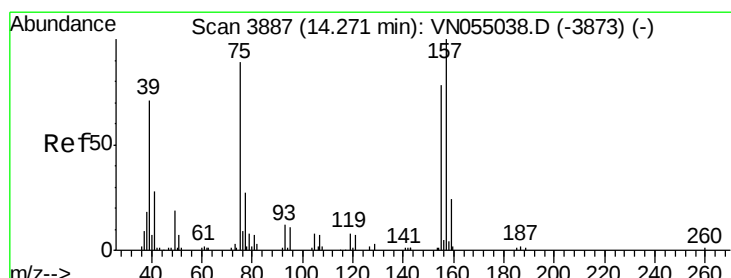
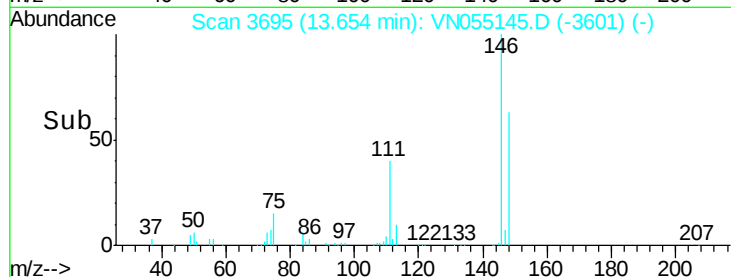
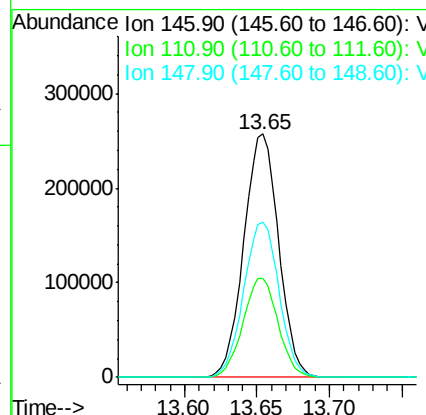
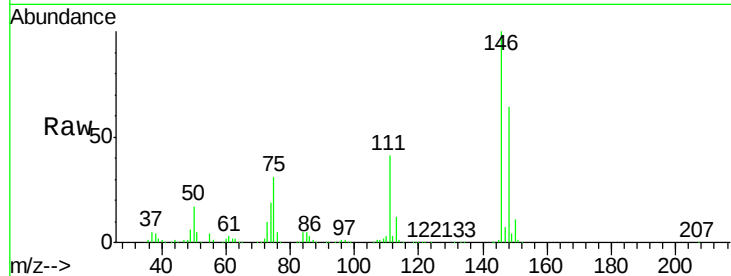
#91
 1,2-Dichlorobenzene
 Concen: 48.805 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	64.8	32.2	96.6

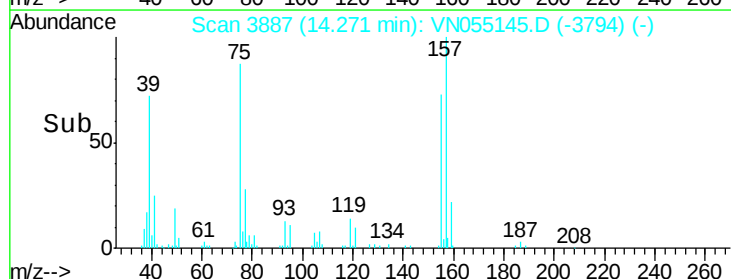
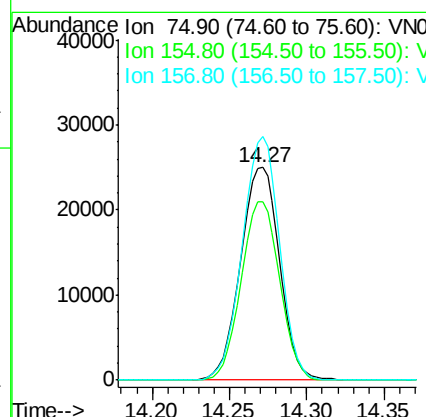
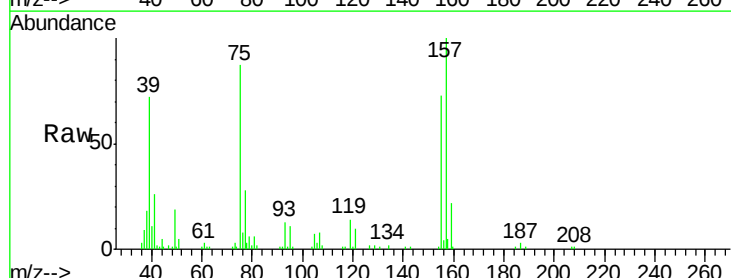
Manual Integrations
 APPROVED

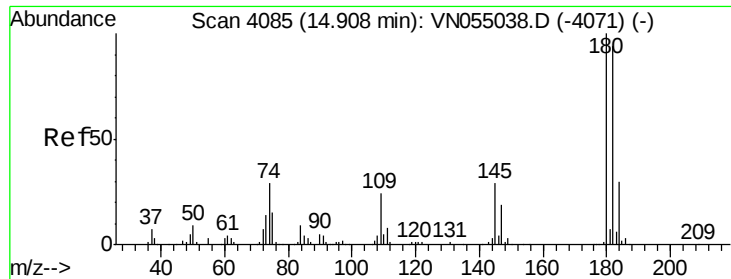
MMDadoda
 4/22/2019 10:07:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.851 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	42.0	126.0
157	108.9	52.1	156.4





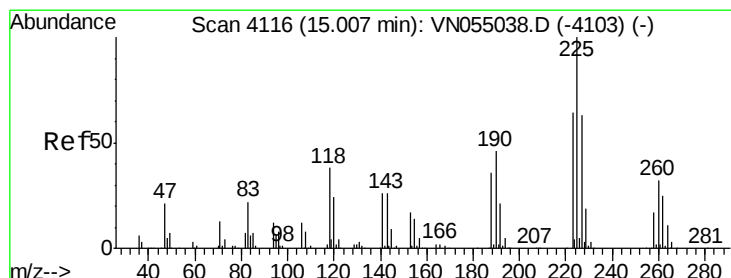
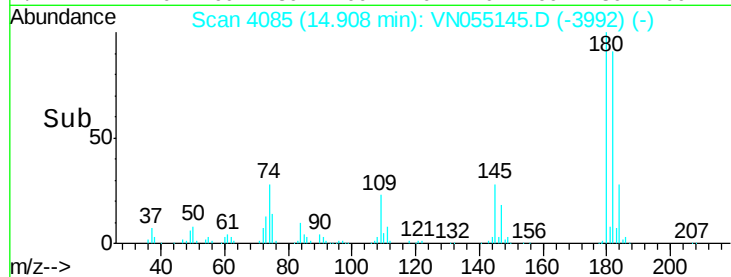
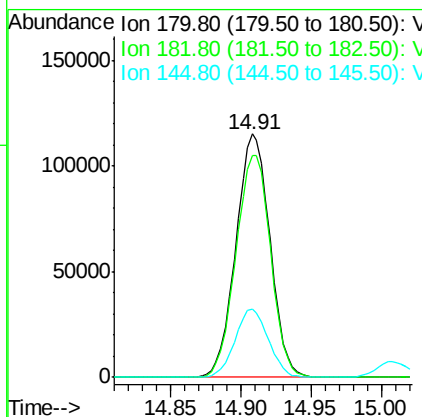
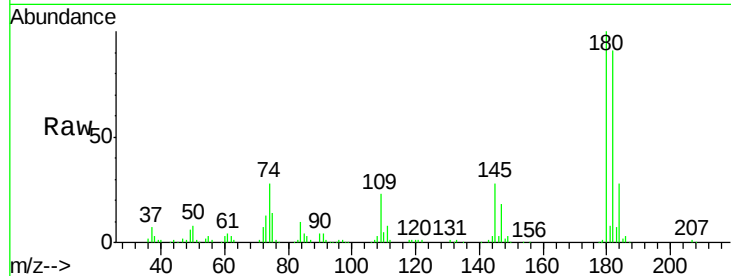
#93
 1,2,4-Trichlorobenzene
 Concen: 48.812 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	27.6	14.2	42.8

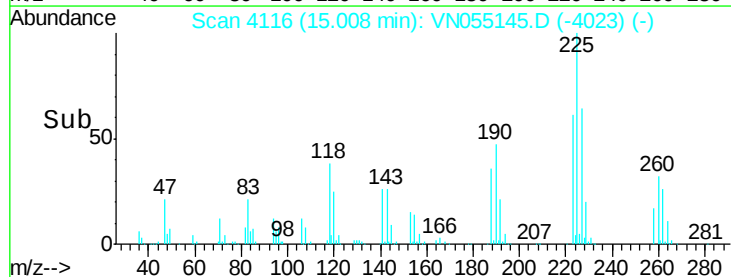
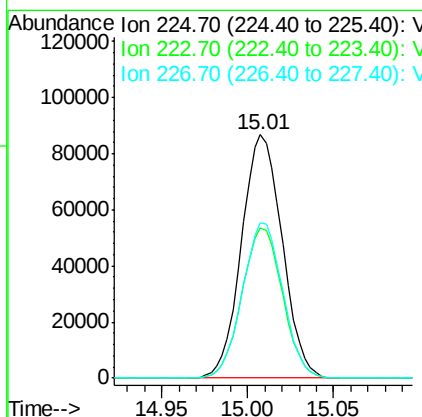
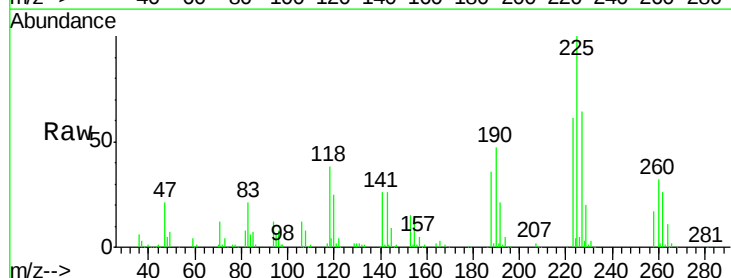
Manual Integrations
 APPROVED

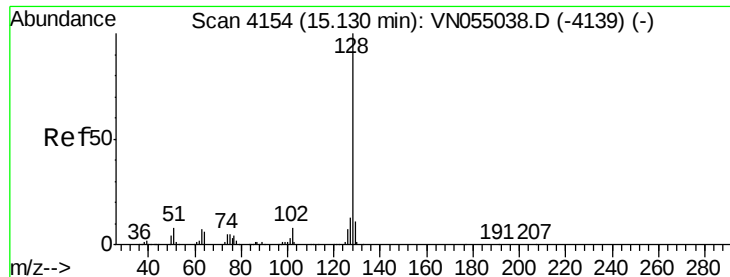
MMDadoda
 4/22/2019 10:07:23 AM



#94
 Hexachlorobutadiene
 Concen: 52.265 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055145.D
 Acq: 19 Apr 2019 17:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.0
227	63.2	32.6	97.7





#95

Naphthalene

Concen: 47.443 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Instrument :

MSVOA_N

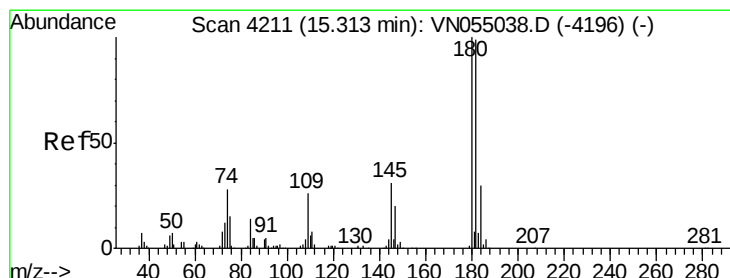
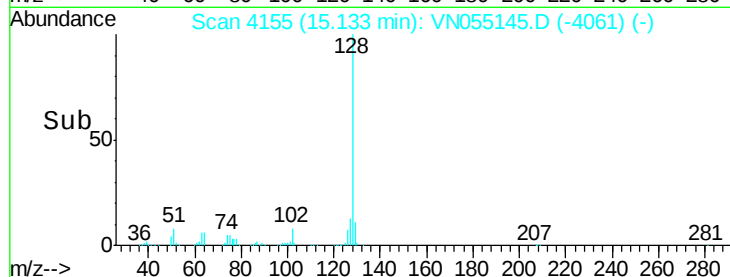
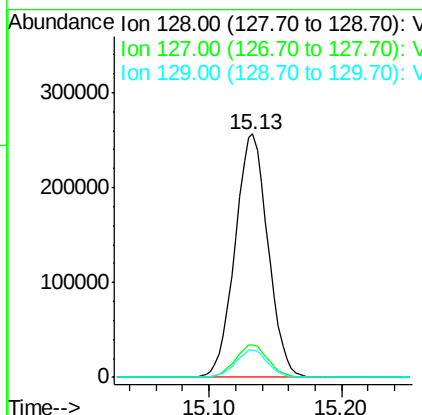
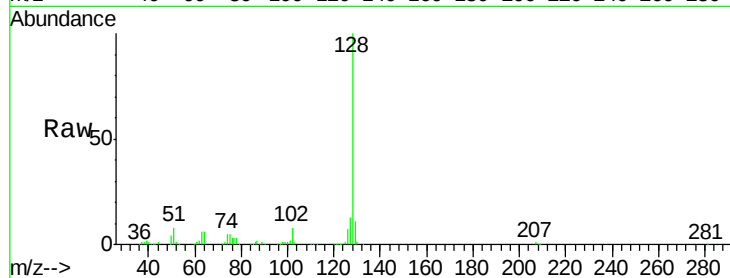
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	441769
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 57.230 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055145.D

Acq: 19 Apr 2019 17:42

Tgt Ion:	180	Resp:	194547
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.0
145	31.0	15.3	45.9

