

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059619.D
 Acq On : 17 Dec 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/18/2019 10:05:00 AM

Quant Time: Dec 18 05:55:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	240109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	384046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	355345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	149628	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
35) Dibromofluoromethane	7.56	113	105669	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
50) Toluene-d8	10.08	98	424648	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	12.40	95	154499	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	176913	57.019	ug/l	99
3) Chloromethane	2.04	50	268838	54.601	ug/l	99
4) Vinyl Chloride	2.17	62	249057	53.341	ug/l	98
5) Bromomethane	2.54	94	148549	54.727	ug/l	100
6) Chloroethane	2.68	64	146029	55.648	ug/l	98
7) Trichlorofluoromethane	3.00	101	286808	55.985	ug/l	100
8) Diethyl Ether	3.38	74	88350	55.196	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	138409	53.612	ug/l	99
10) Methyl Iodide	3.92	142	185487	54.272	ug/l	100
11) Tert butyl alcohol	4.74	59	168910	263.694	ug/l	100
12) 1,1-Dichloroethene	3.71	96	132565	52.638	ug/l	97
13) Acrolein	3.58	56	79716	174.706	ug/l	99
14) Allyl chloride	4.29	41	271806	52.574	ug/l	100
15) Acrylonitrile	4.95	53	433256	279.626	ug/l	100
16) Acetone	3.78	43	514976	248.255	ug/l	99
17) Carbon Disulfide	4.02	76	419969	48.694	ug/l	99
18) Methyl Acetate	4.29	43	226374	52.079	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	492268	55.360	ug/l	98
20) Methylene Chloride	4.52	84	162359	54.194	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	151711	54.037	ug/l	99
22) Diisopropyl ether	5.92	45	546142	57.300	ug/l	100
23) Vinyl Acetate	5.86	43	2366477	316.380	ug/l	100
24) 1,1-Dichloroethane	5.82	63	302213	55.974	ug/l	100
25) 2-Butanone	6.80	43	671868	270.853	ug/l	100
26) 2,2-Dichloropropane	6.79	77	275142	56.071	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	175735	56.488	ug/l	99
28) Bromochloromethane	7.17	49	111862	49.312	ug/l	99
29) Tetrahydrofuran	7.18	42	413593	273.655	ug/l	100
30) Chloroform	7.34	83	298041	56.081	ug/l	98
31) Cyclohexane	7.63	56	270817	53.085	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	259029	54.063	ug/l	99
36) 1,1-Dichloropropene	7.77	75	229798	57.377	ug/l	99
37) Ethyl Acetate	6.90	43	260697	56.005	ug/l	100
38) Carbon Tetrachloride	7.75	117	231237	55.640	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	262258	57.729	ug/l	98
40) Benzene	8.02	78	657435	56.170	ug/l	99
41) Methacrylonitrile	7.14	41	92671	48.239	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	255023	56.896	ug/l	100
43) Isopropyl Acetate	8.14	43	414047	57.211	ug/l	100
44) Trichloroethene	8.81	130	170227	55.526	ug/l	100
45) 1,2-Dichloropropane	9.10	63	180382	57.072	ug/l	97
46) Dibromomethane	9.19	93	117100	56.552	ug/l	100
47) Bromodichloromethane	9.39	83	240688	58.301	ug/l	100
48) Methyl methacrylate	9.18	41	188733	57.480	ug/l	98
49) 1,4-Dioxane	9.18	88	56918	1209.623	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1285155	297.837	ug/l	100
52) Toluene	10.14	92	404542	56.253	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	276616	57.935	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	293586	58.497	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	161470	57.219	ug/l	99
56) Ethyl methacrylate	10.42	69	253089	60.413	ug/l	99
57) 1,3-Dichloropropane	10.70	76	286002	58.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	468226	351.422	ug/l	100
59) 2-Hexanone	10.74	43	1003006	294.936	ug/l	99
60) Dibromochloromethane	10.89	129	181086	58.795	ug/l	100
61) 1,2-Dibromoethane	11.00	107	169601	56.669	ug/l	98
64) Tetrachloroethene	10.62	164	159462	48.139	ug/l	99
65) Chlorobenzene	11.43	112	430846	56.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	161984	55.465	ug/l	99
67) Ethyl Benzene	11.51	91	795119	57.291	ug/l	99
68) m/p-Xylenes	11.62	106	592458	115.603	ug/l	99
69) o-Xylene	11.94	106	281593	57.746	ug/l	100
70) Styrene	11.96	104	463390	59.145	ug/l	100
71) Bromoform	12.12	173	130258	59.335	ug/l #	99
73) Isopropylbenzene	12.25	105	757262	55.504	ug/l	100
74) N-amyl acetate	12.07	43	357844	57.180	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	237298	54.831	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	224763m	52.240	ug/l	
77) Bromobenzene	12.52	156	182438	54.375	ug/l	99
78) n-propylbenzene	12.59	91	913714	56.656	ug/l	100
79) 2-Chlorotoluene	12.67	91	529458	54.292	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	650282	56.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	95951	55.082	ug/l	98
82) 4-Chlorotoluene	12.77	91	561612	56.246	ug/l	99
83) tert-Butylbenzene	12.99	119	541558	55.388	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	652684	56.852	ug/l	100
85) sec-Butylbenzene	13.17	105	743378	57.156	ug/l	99
86) p-Isopropyltoluene	13.29	119	675507	57.345	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	332551	53.901	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	326900	52.553	ug/l	100
89) n-Butylbenzene	13.61	91	626847	56.759	ug/l	100
90) Hexachloroethane	13.87	117	125666	56.438	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	324885	53.395	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58744	50.059	ug/l	96

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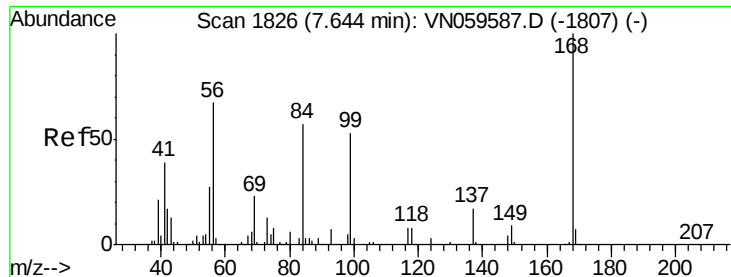
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205711	52.357	ug/l	99
94) Hexachlorobutadiene	15.01	225	103961	50.776	ug/l	99
95) Naphthalene	15.12	128	598890	51.059	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	198020	49.831	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 240109

Ion Ratio Lower Upper

168 100

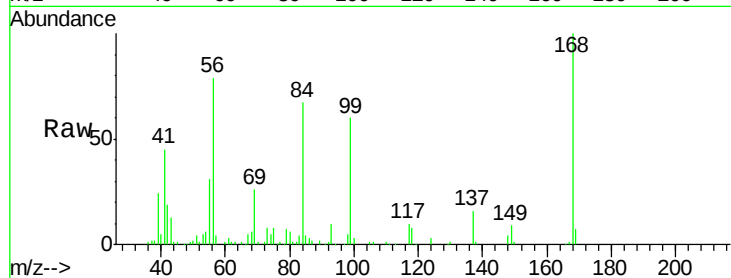
99 59.6 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

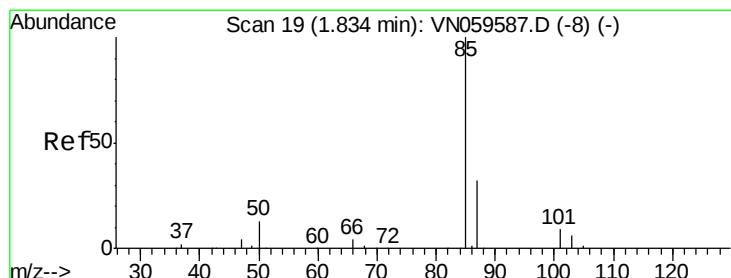
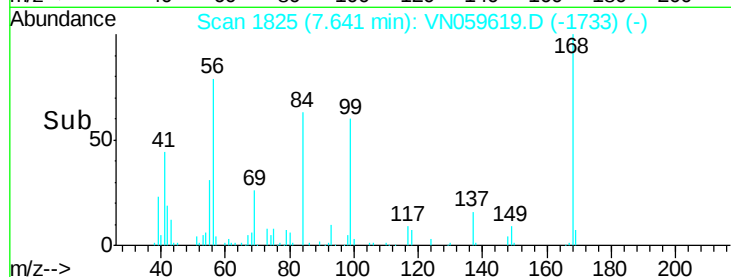
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 57.019 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059619.D

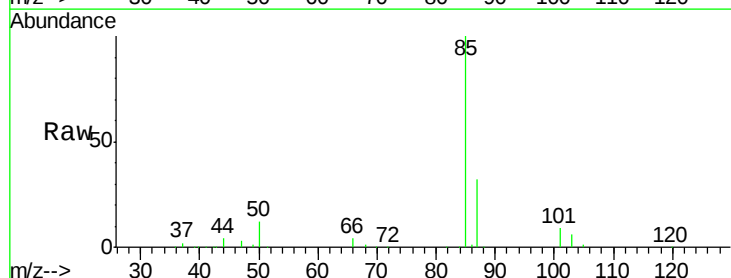
Acq: 17 Dec 2019 12:38

Tgt Ion: 85 Resp: 176913

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

0

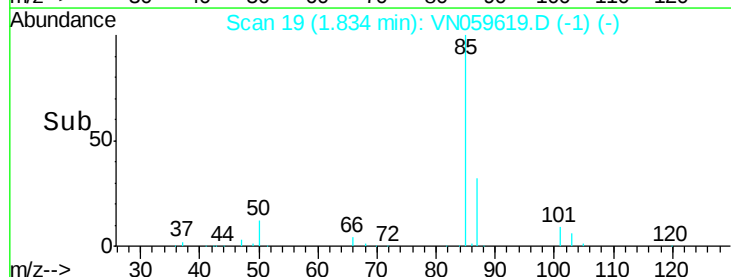
1.75

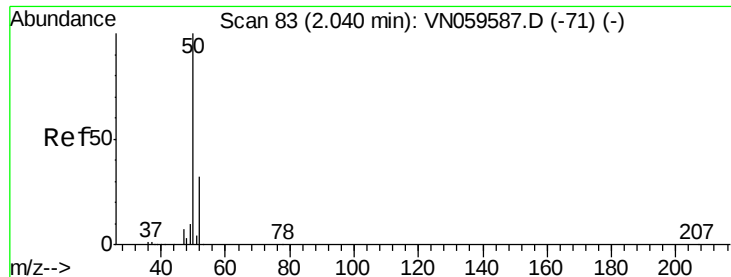
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 54.601 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 268838

Ion Ratio Lower Upper

50 100

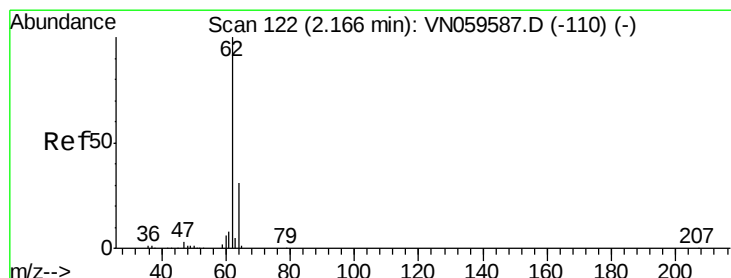
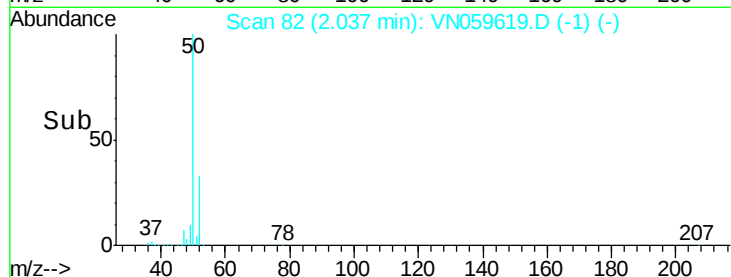
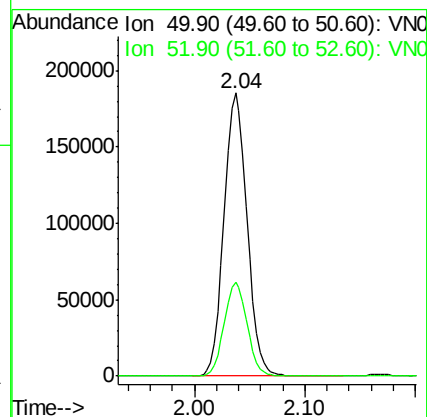
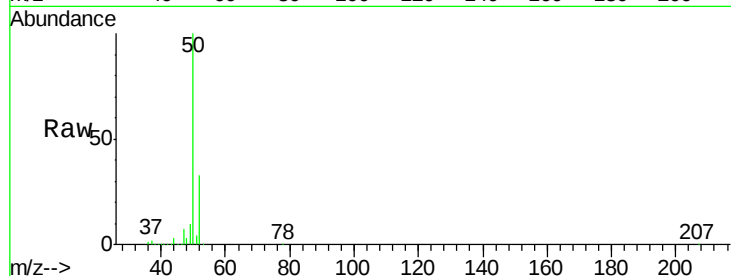
52 33.2 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.341 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059619.D

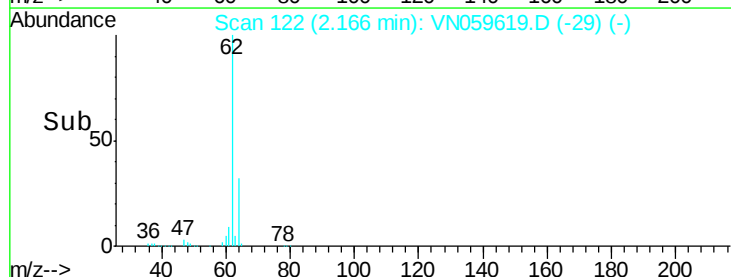
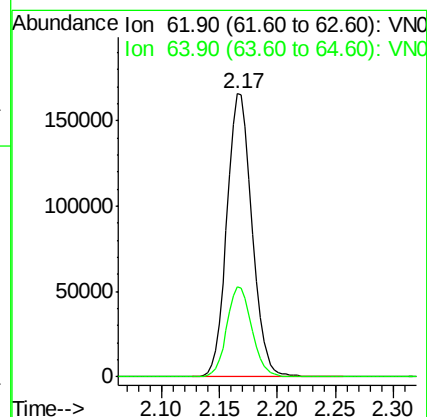
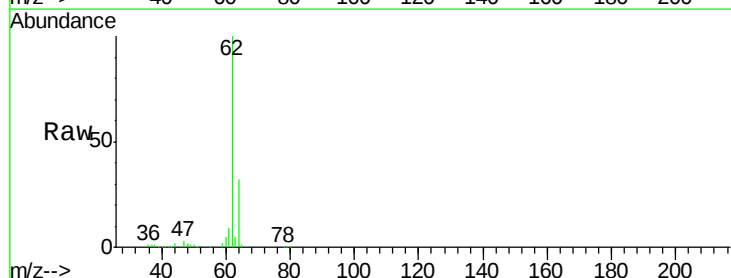
Acq: 17 Dec 2019 12:38

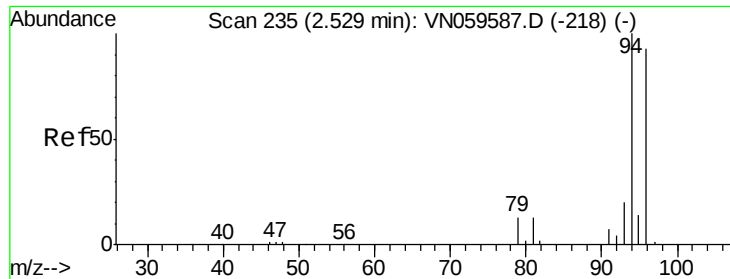
Tgt Ion: 62 Resp: 249057

Ion Ratio Lower Upper

62 100

64 32.0 24.6 37.0





#5

Bromomethane

Concen: 54.727 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 148549

Ion Ratio Lower Upper

94 100

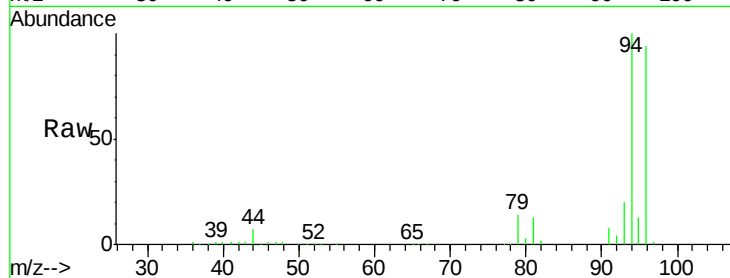
96 93.8 74.7 112.1

Manual Integrations

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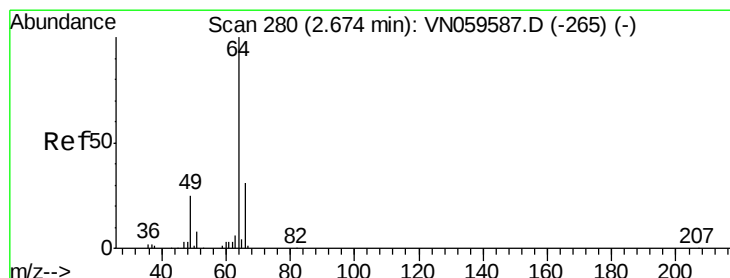
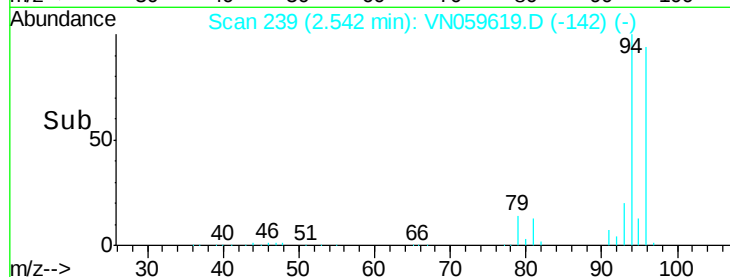
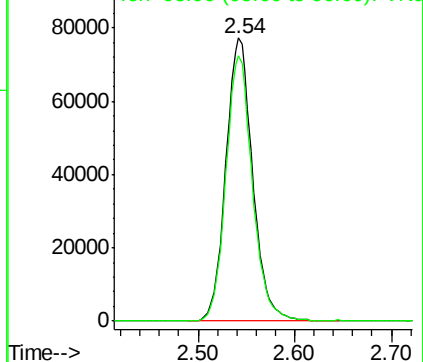
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 55.648 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059619.D

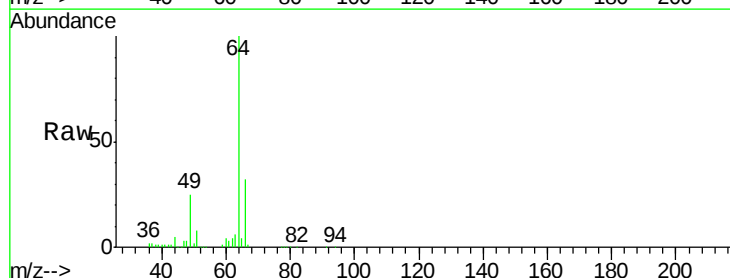
Acq: 17 Dec 2019 12:38

Tgt Ion: 64 Resp: 146029

Ion Ratio Lower Upper

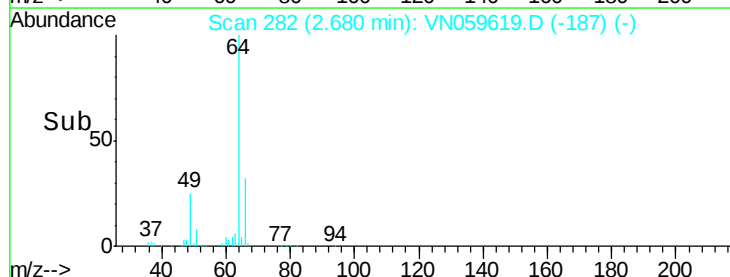
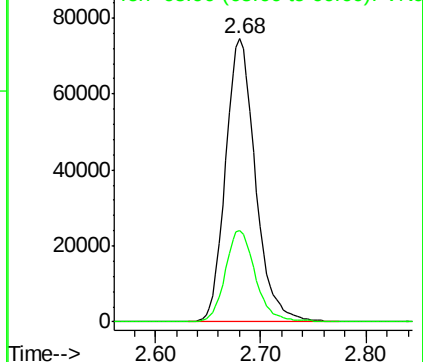
64 100

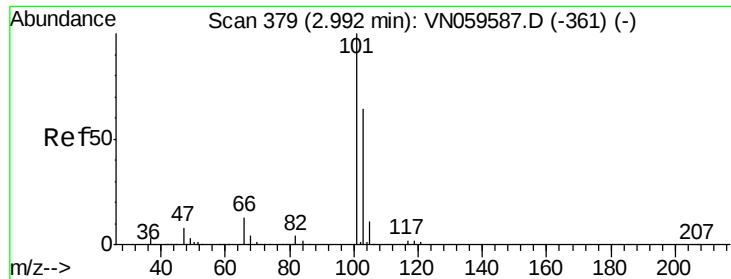
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

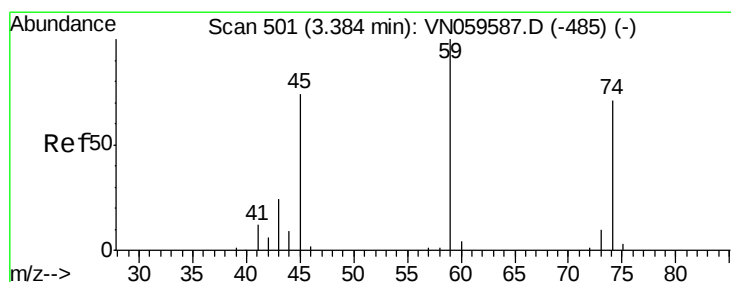
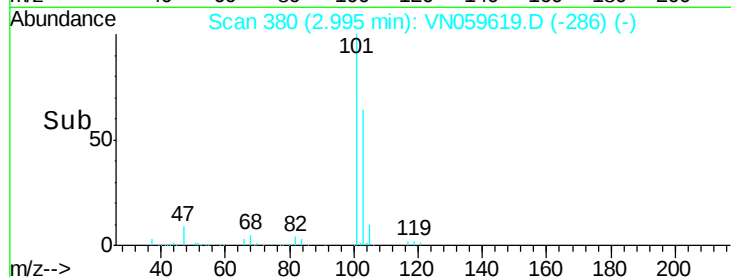
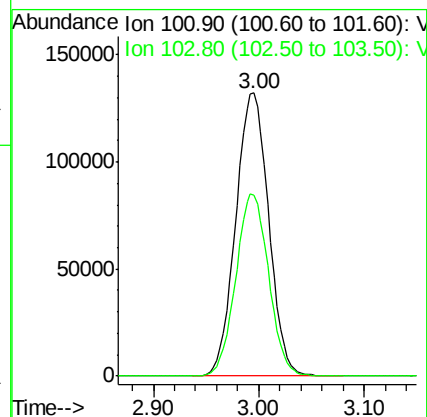
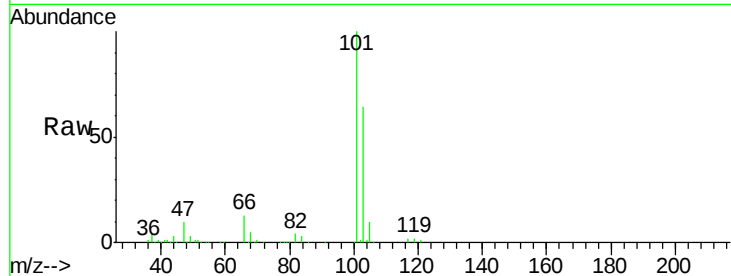
Trichlorofluoromethane
Concen: 55.985 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.0	76.6

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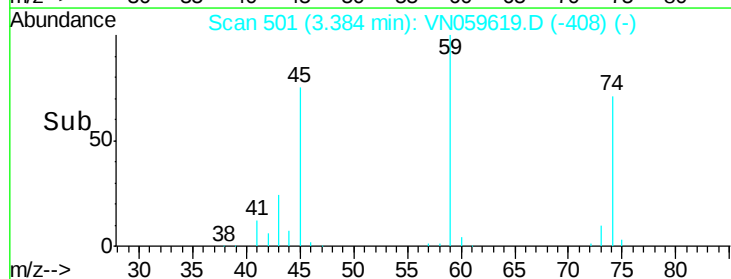
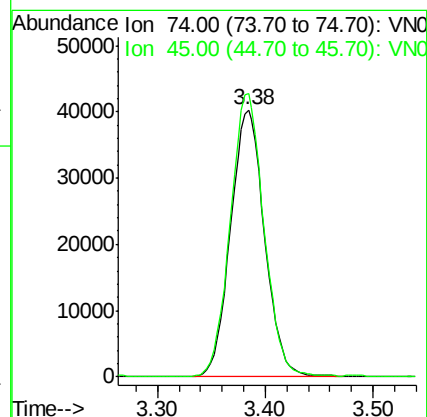
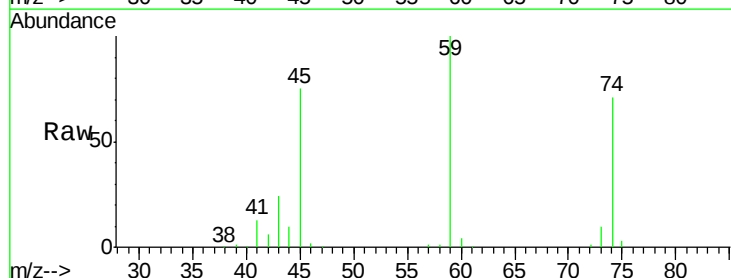
apatel
12/18/2019 10:05:00 AM

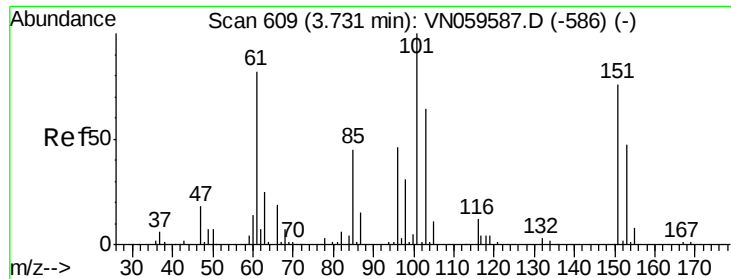


#8

Diethyl Ether
Concen: 55.196 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.612 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

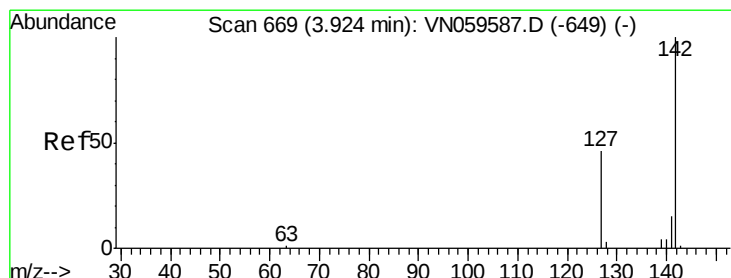
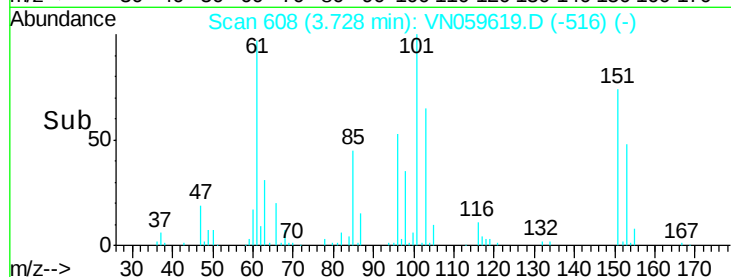
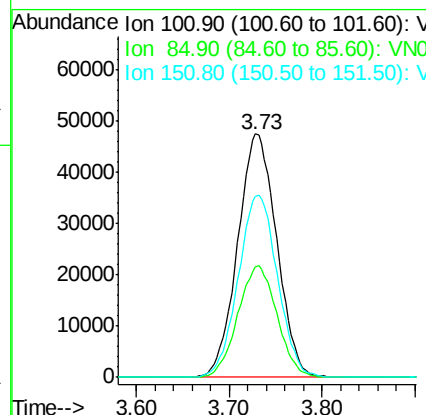
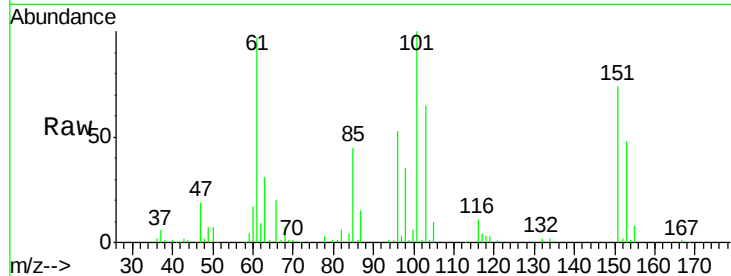
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	138409
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.6	54.8
151	75.3	59.7	89.5

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#10

Methyl Iodide

Concen: 54.272 ug/l

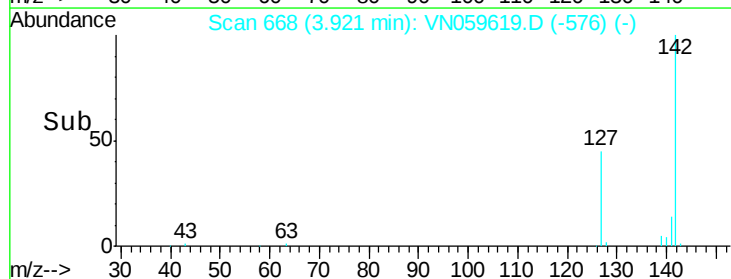
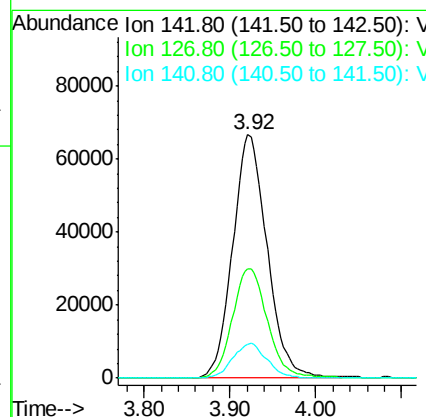
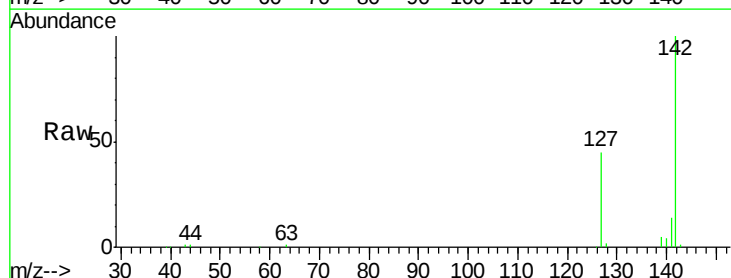
RT: 3.92 min Scan# 668

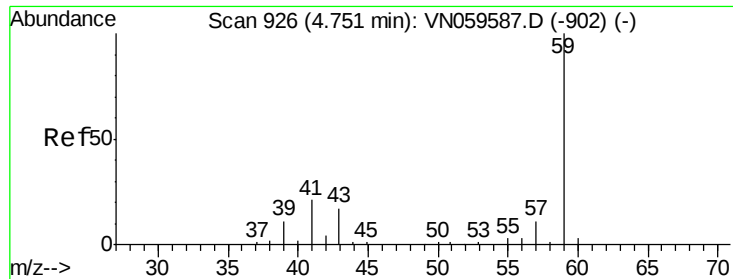
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	142	Resp:	185487
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.7	55.1
141	14.0	11.7	17.5





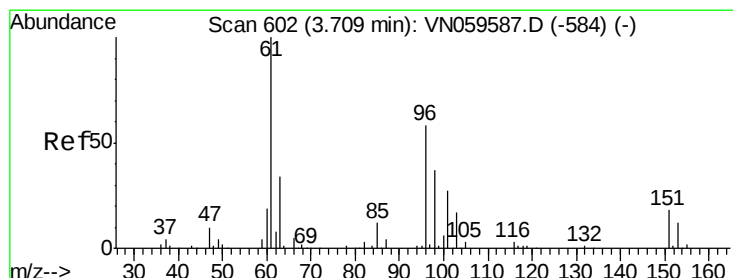
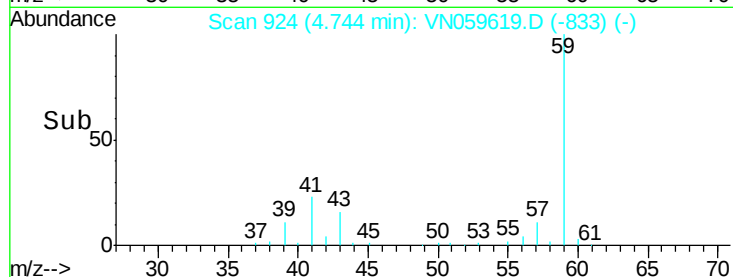
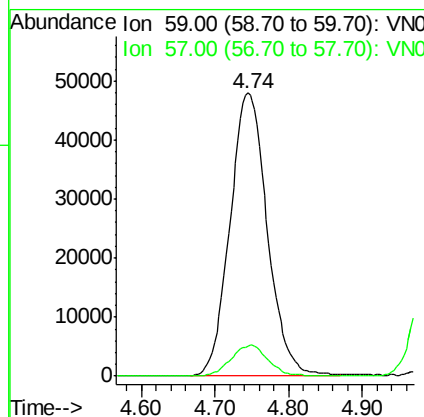
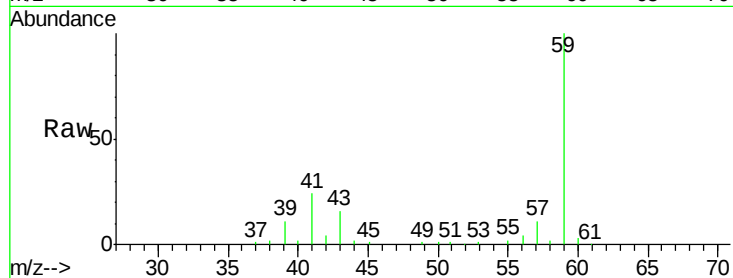
#11
Tert butyl alcohol
Concen: 263.694 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.01 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	168910		
57	10.6		8.6	12.8

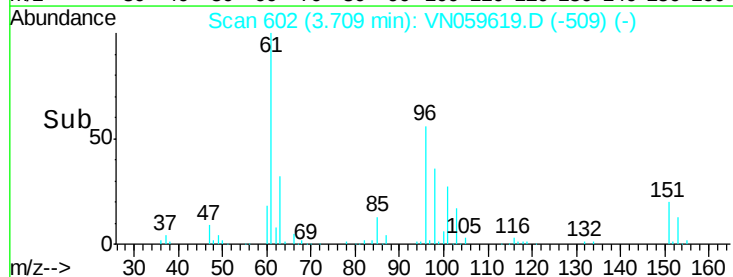
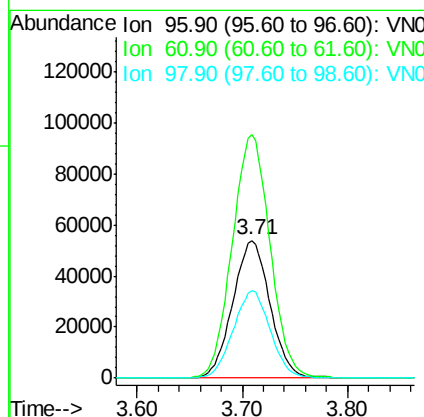
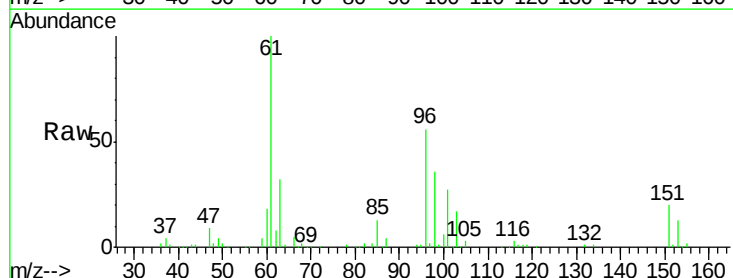
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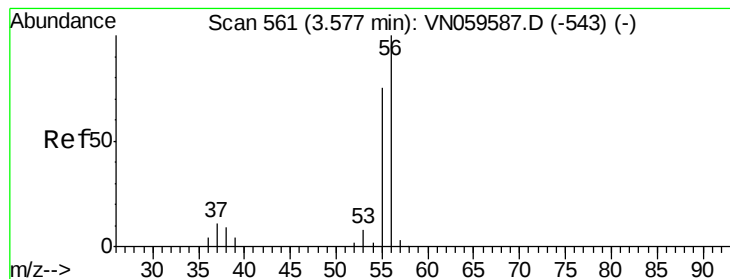
apatel
12/18/2019 10:05:00 AM



#12
1,1-Dichloroethene
Concen: 52.638 ug/l
RT: 3.71 min Scan# 602
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	132565		
61	176.8		137.5	206.3
98	63.8		50.2	75.4





#13

Acrolein

Concen: 174.706 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79716

Ion Ratio Lower Upper

56 100

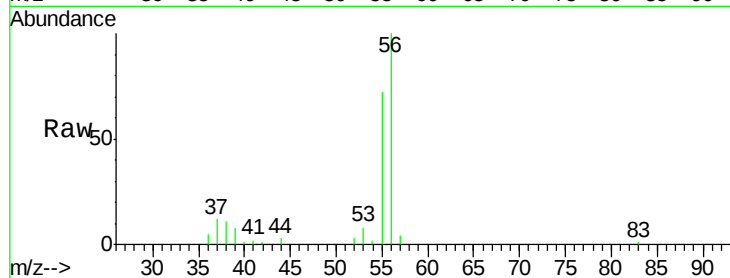
55 72.1 58.6 88.0

Manual Integrations

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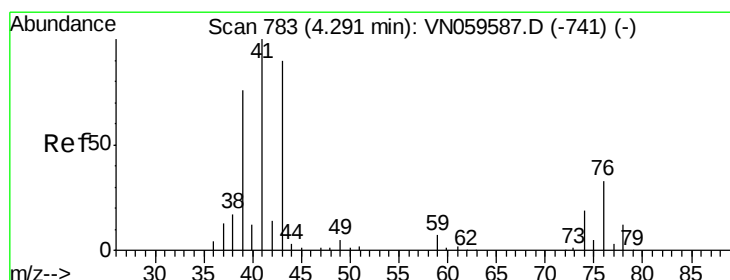
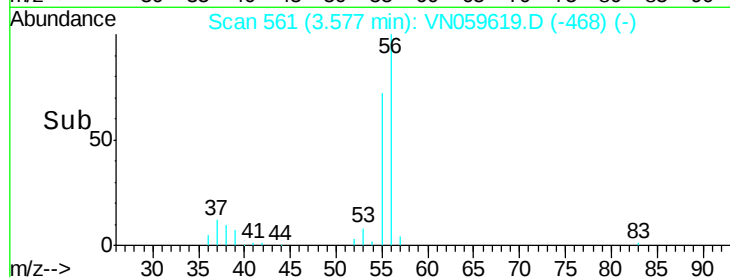
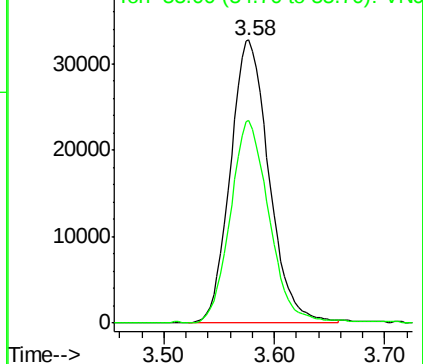
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.574 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

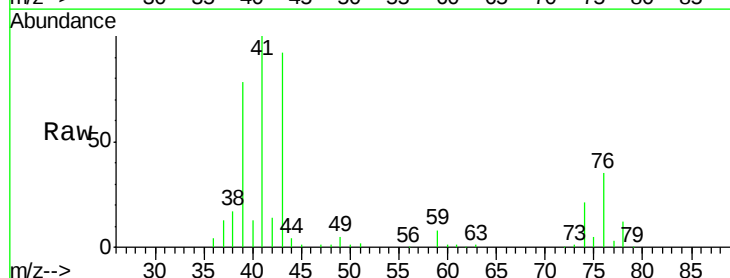
Tgt Ion: 41 Resp: 271806

Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

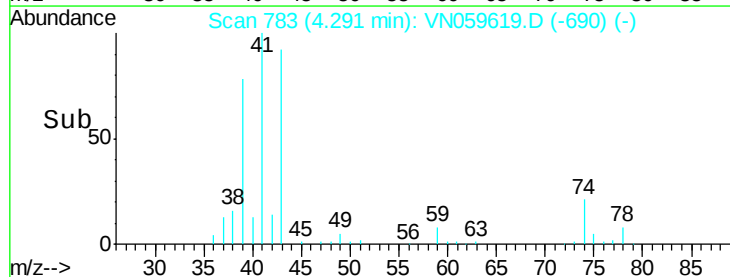
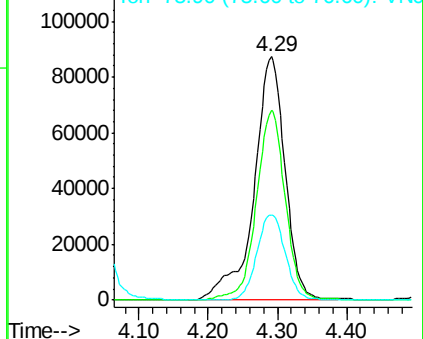
76 32.0 25.4 38.0

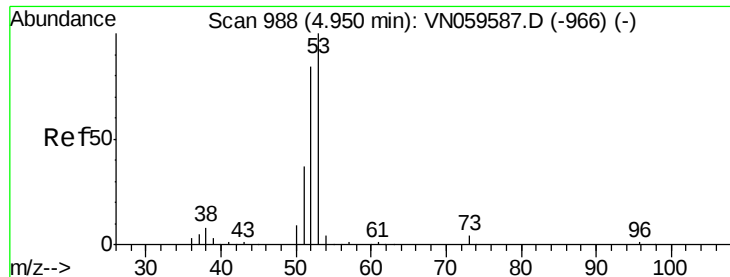


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 279.626 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

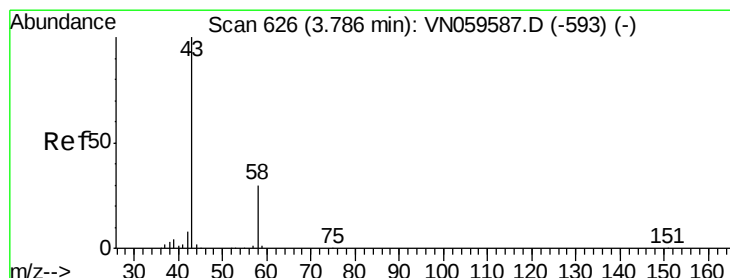
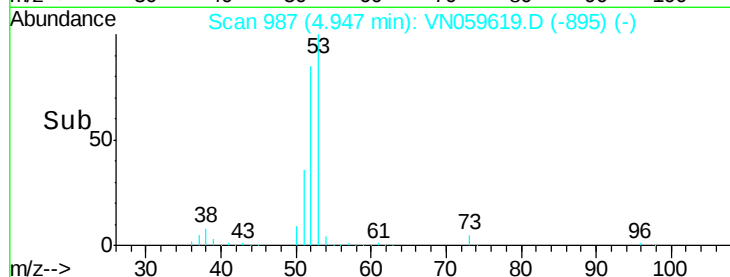
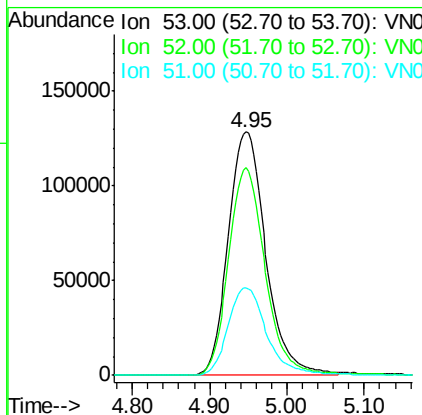
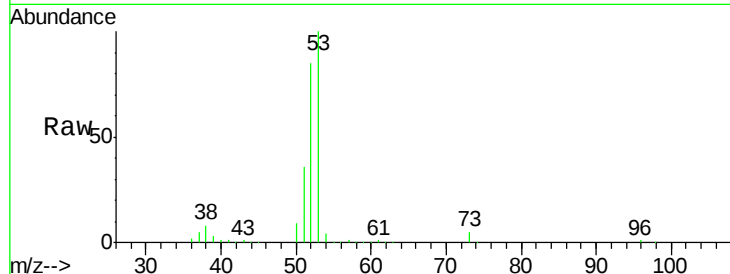
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	433256
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.3	99.5
51	37.0	29.7	44.5

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#16

Acetone

Concen: 248.255 ug/l

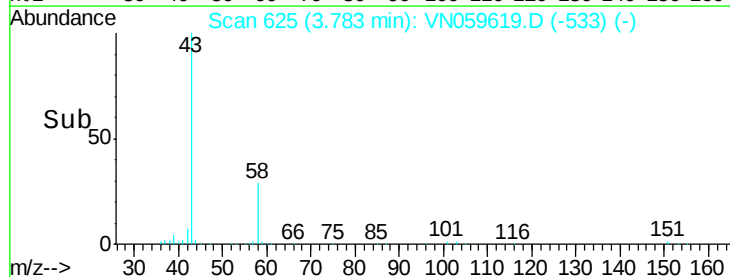
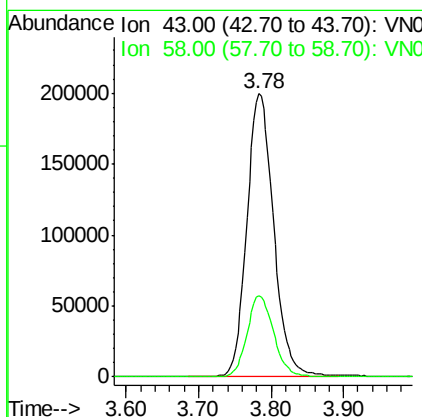
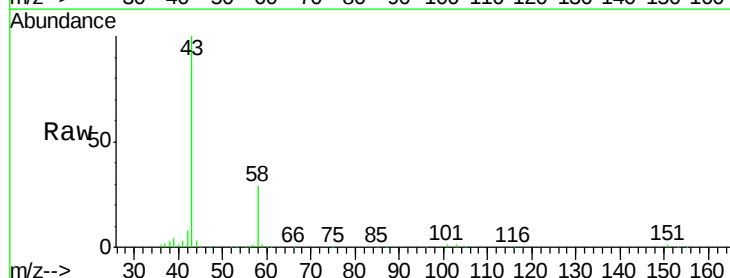
RT: 3.78 min Scan# 625

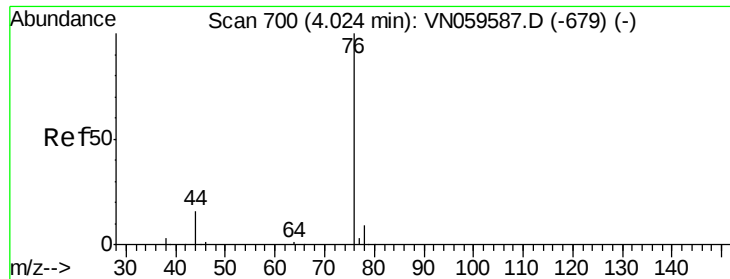
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	43	Resp:	514976
Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.6	35.4





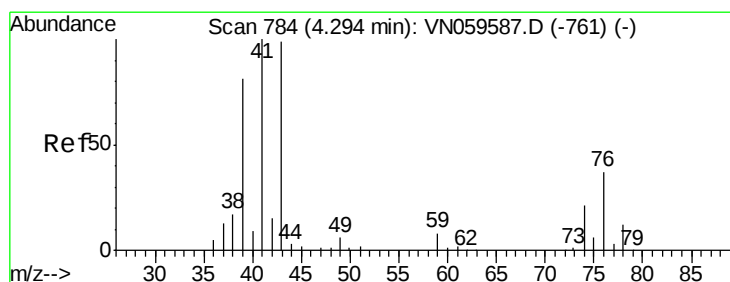
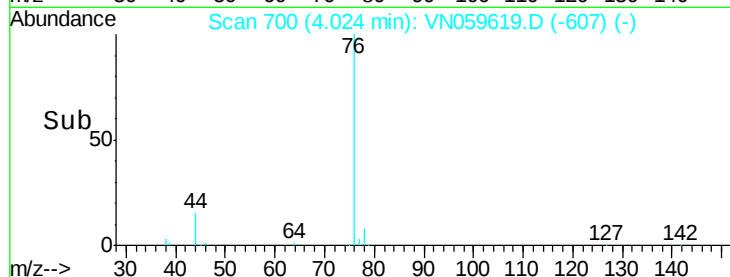
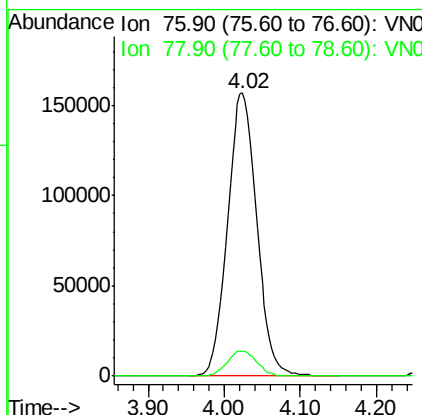
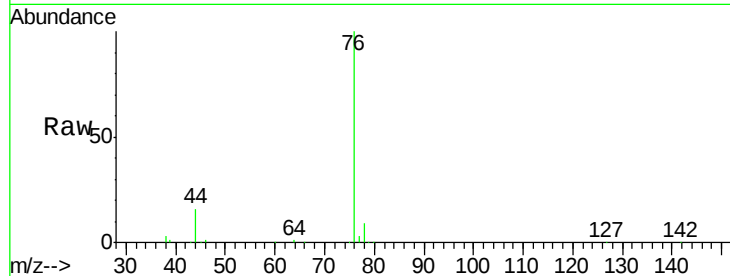
#17
Carbon Disulfide
Concen: 48.694 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

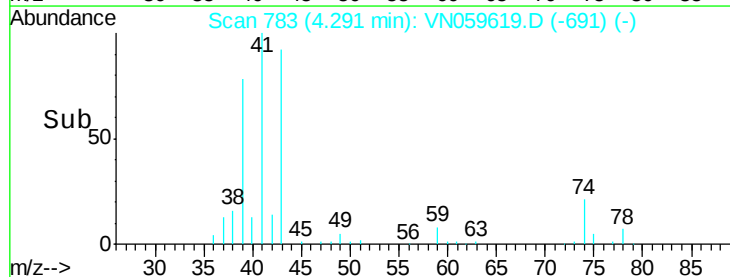
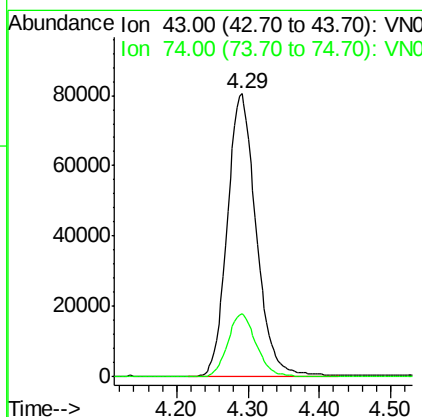
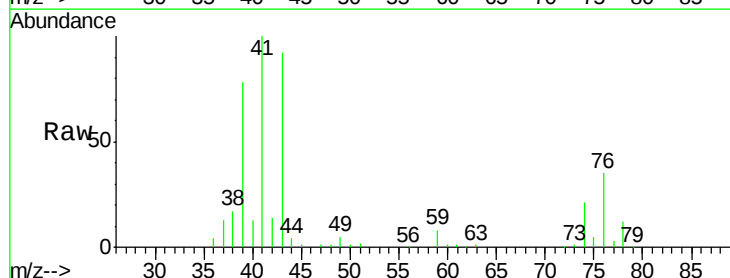
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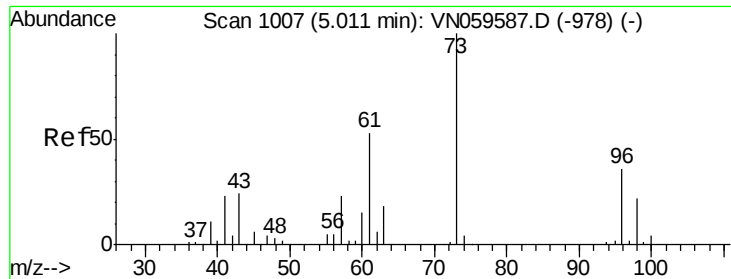
apatel
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#18
Methyl Acetate
Concen: 52.079 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3





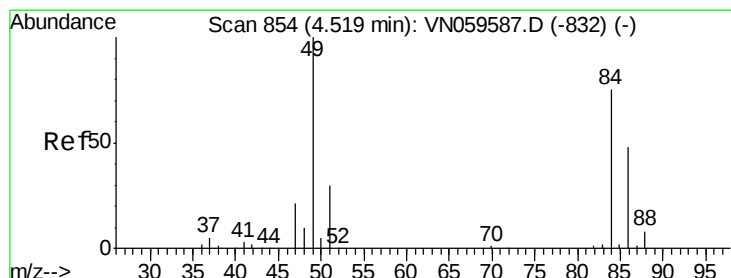
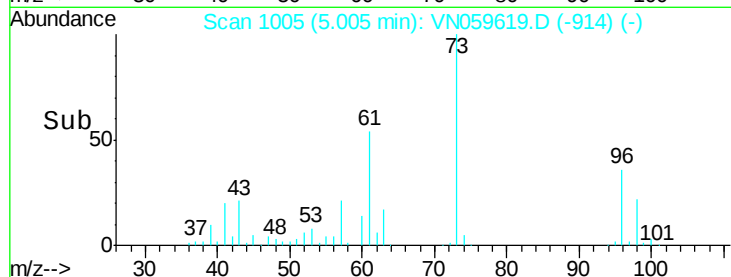
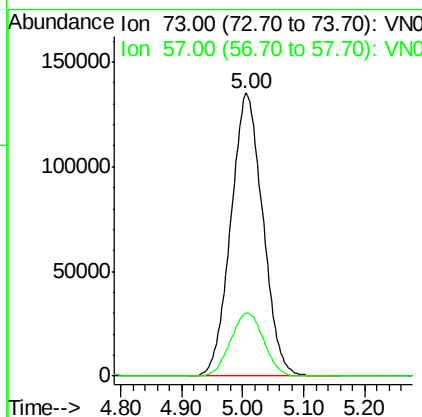
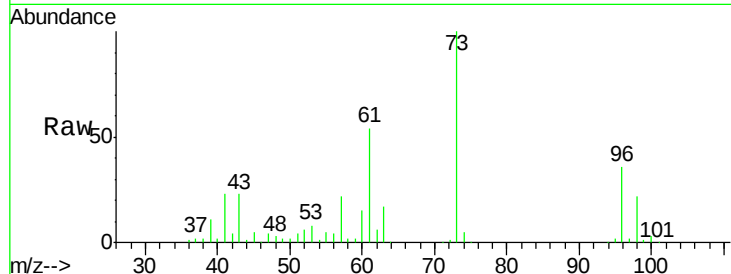
#19
Methvl tert-butvl Ether
Concen: 55.360 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 492268
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8

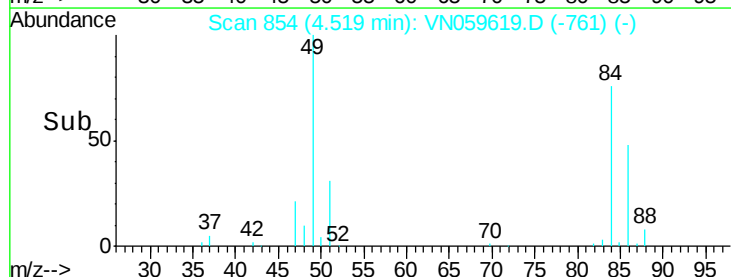
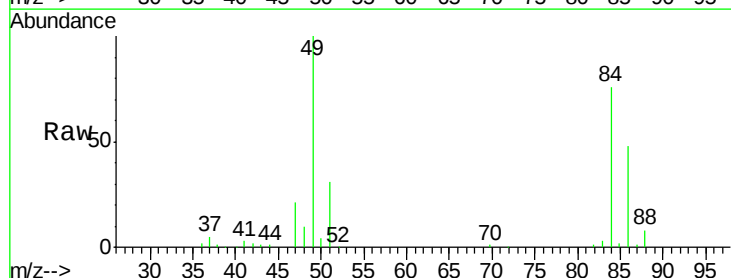
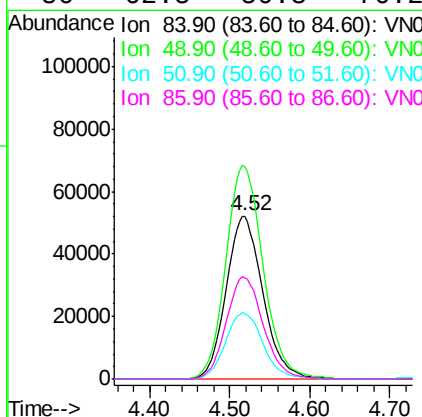
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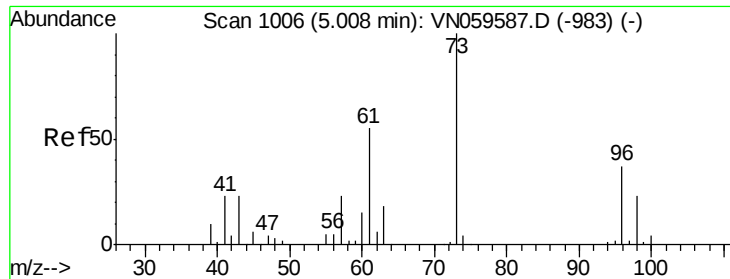
apatel
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#20
Methylene Chloride
Concen: 54.194 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion: 84 Resp: 162359
Ion Ratio Lower Upper
84 100
49 130.8 106.6 160.0
51 40.5 31.9 47.9
86 62.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 54.037 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

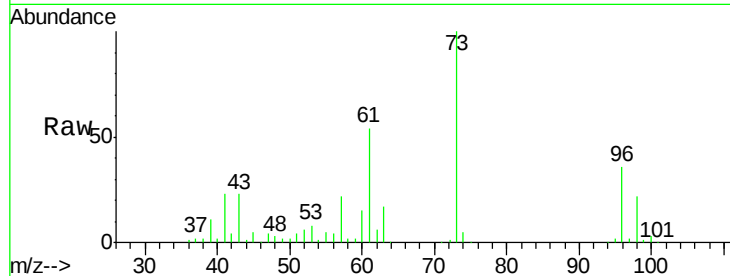
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	151711
Ion	Ratio	Lower	Upper
96	100		
61	149.5	120.4	180.6
98	61.8	50.6	75.8

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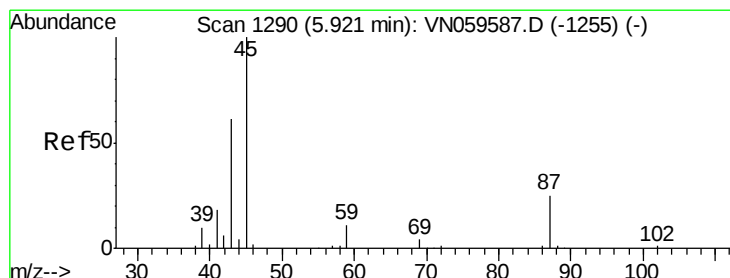
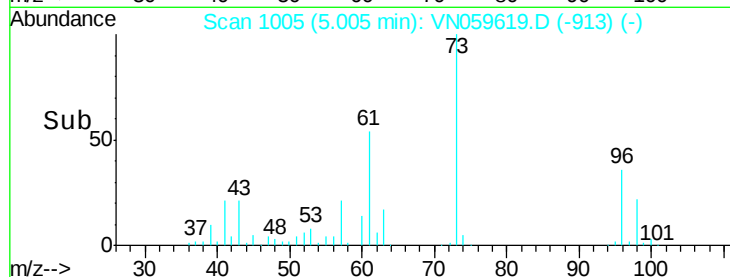
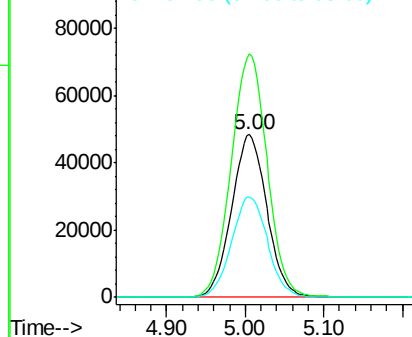


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 57.300 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	45	Resp:	546142
Ion	Ratio	Lower	Upper
45	100		
43	63.3	50.8	76.2
87	26.6	21.0	31.6
59	11.5	9.1	13.7

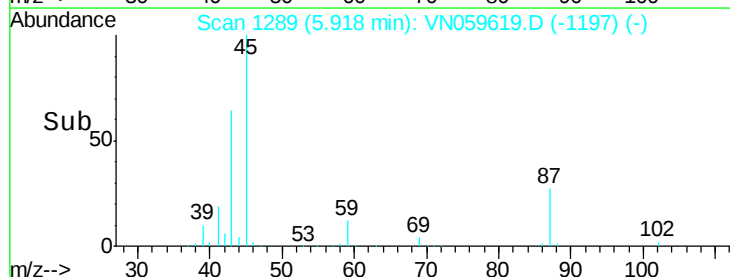
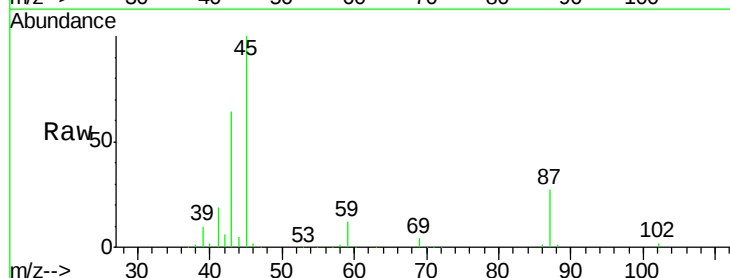
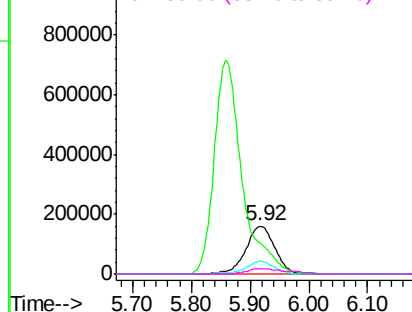
Abundance

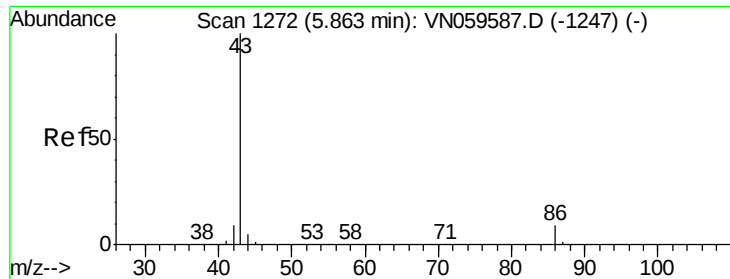
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





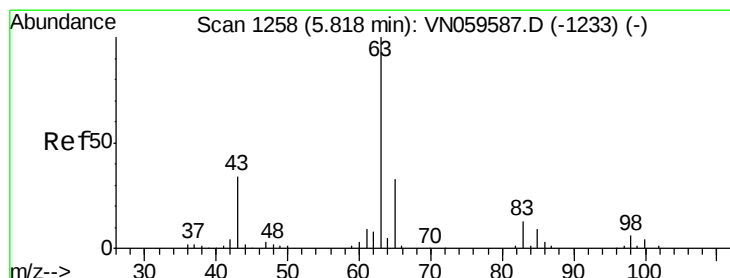
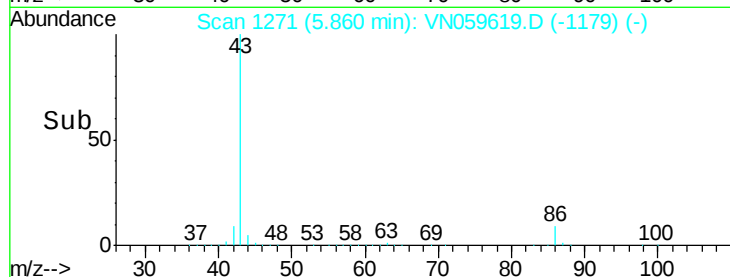
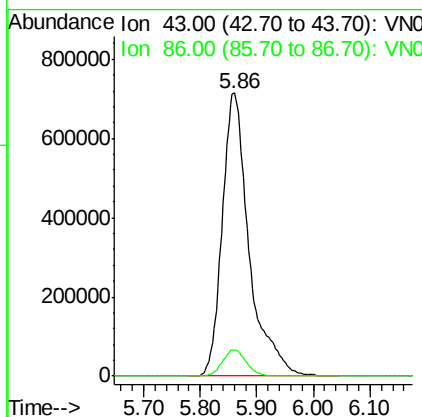
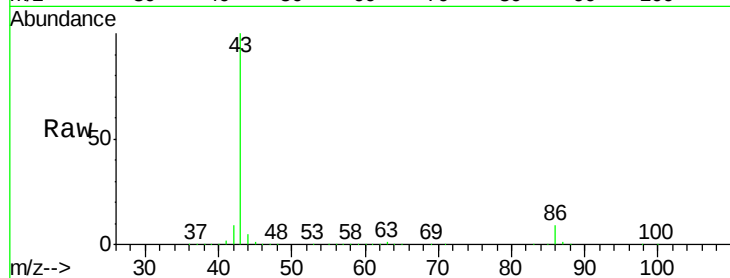
#23
 Vinyl Acetate
 Concen: 316.380 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2366477
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4

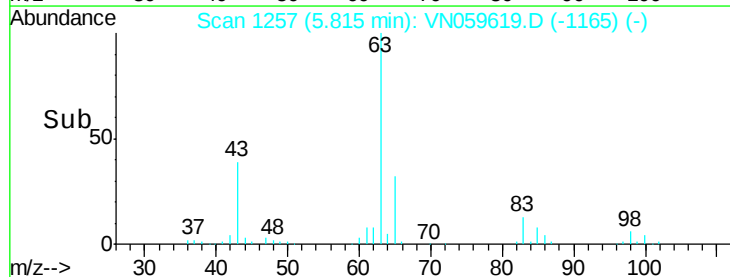
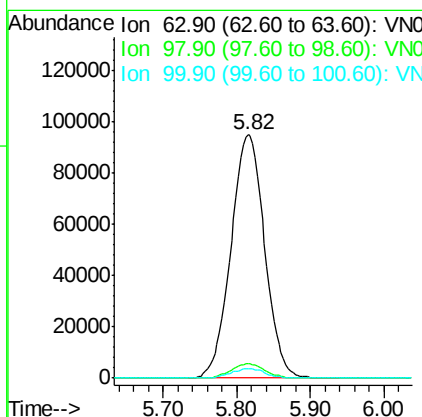
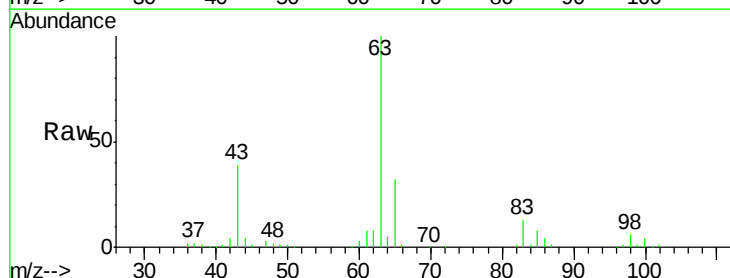
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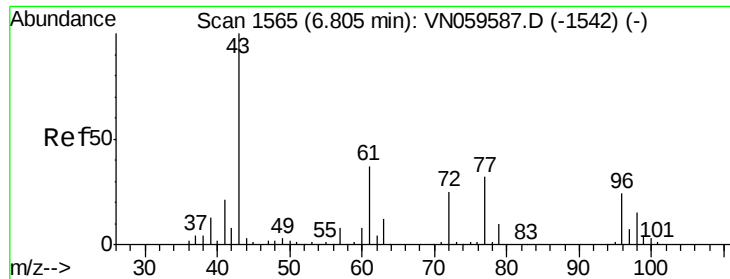
apatel
 12/18/2019 10:05:00 AM



#24
 1,1-Dichloroethane
 Concen: 55.974 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Tgt Ion: 63 Resp: 302213
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 270.853 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 671868

Ion Ratio Lower Upper

43 100

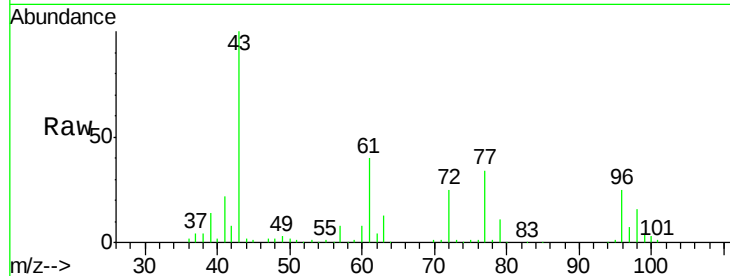
72 25.1 19.9 29.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN059587.D (-1542) (-)

250000

200000

150000

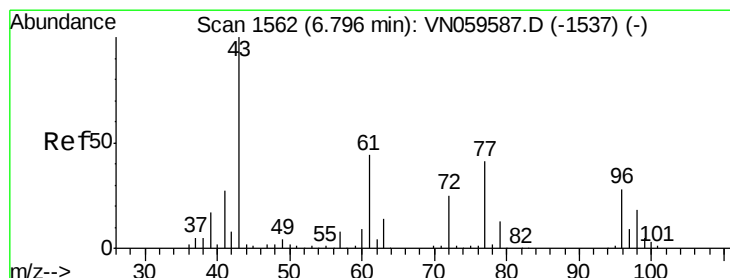
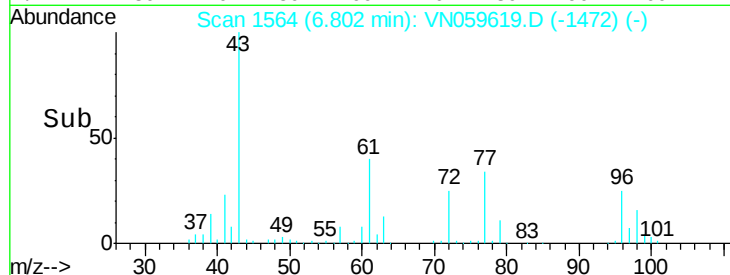
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 56.071 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059619.D

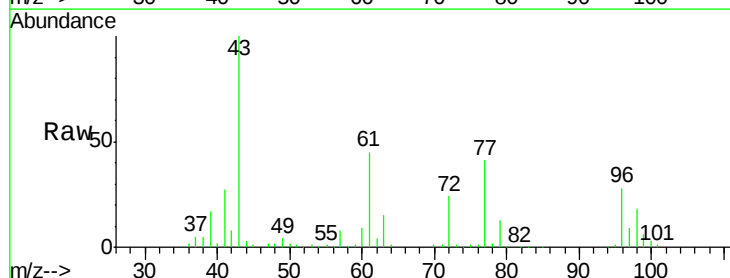
Acq: 17 Dec 2019 12:38

Tgt Ion: 77 Resp: 275142

Ion Ratio Lower Upper

77 100

97 21.7 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059587.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN059587.D (-1537) (-)

100000

80000

60000

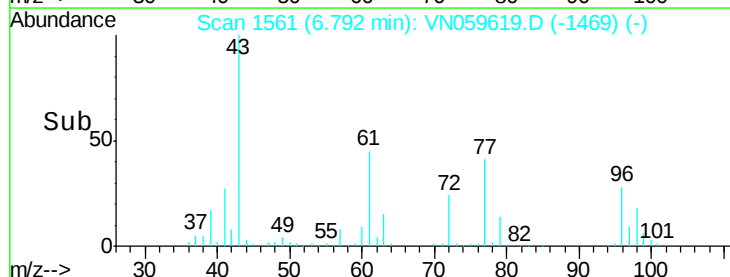
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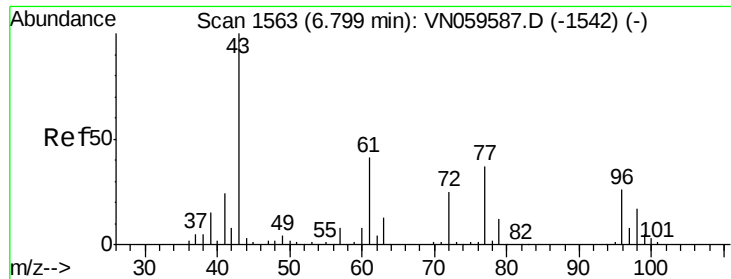
20000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 56.488 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

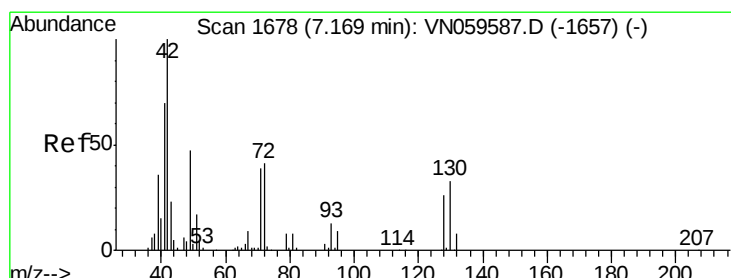
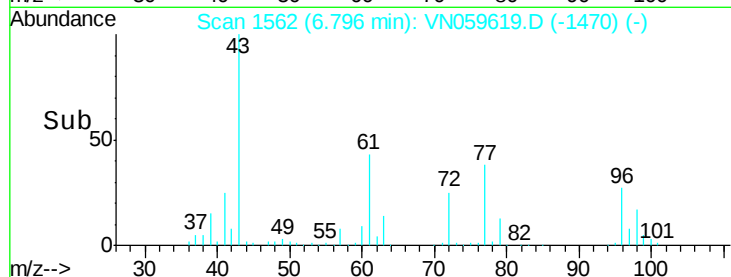
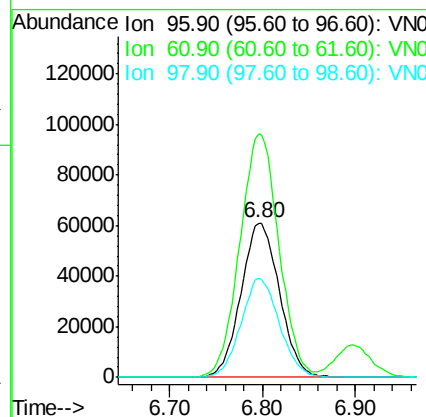
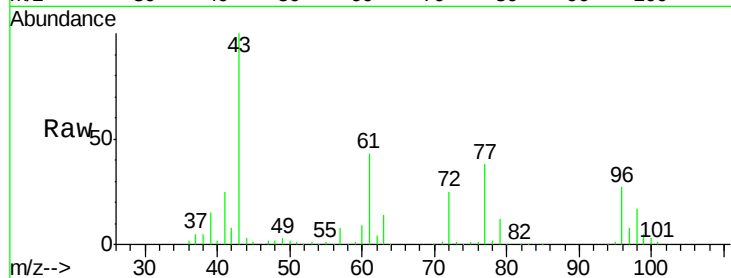
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	175735
Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	317.6
98	64.2	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 49.312 ug/l

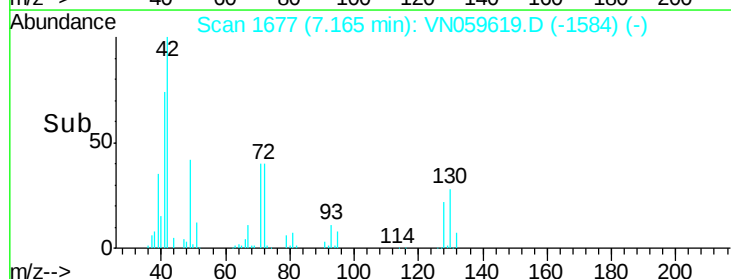
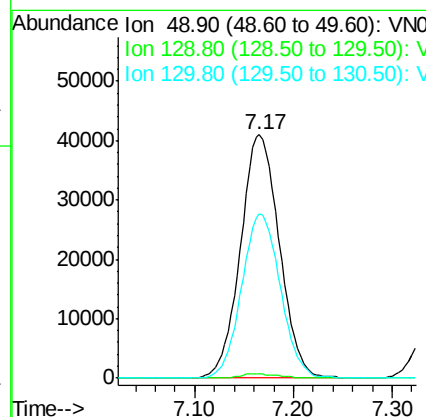
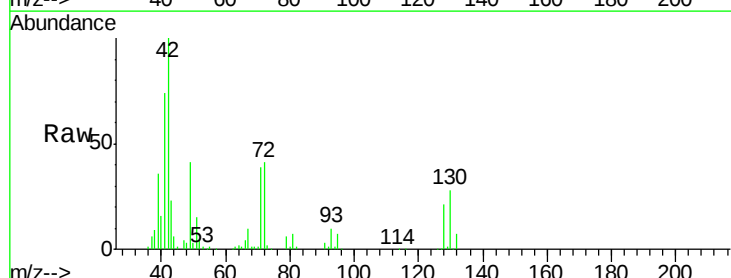
RT: 7.17 min Scan# 1677

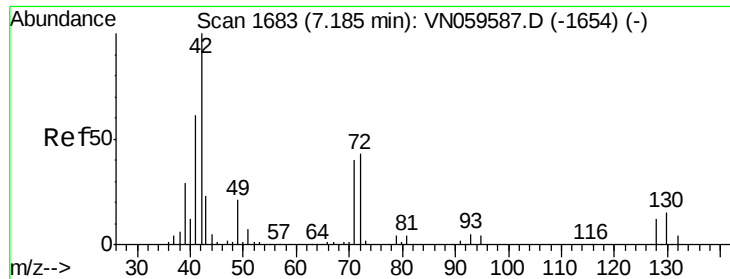
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	49	Resp:	111862
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.2	54.7	82.1





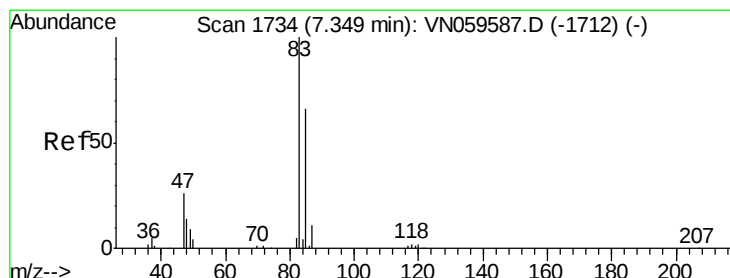
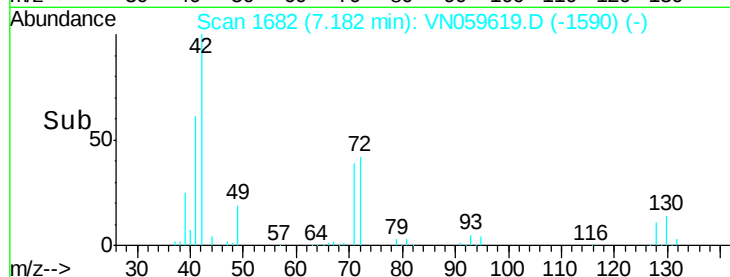
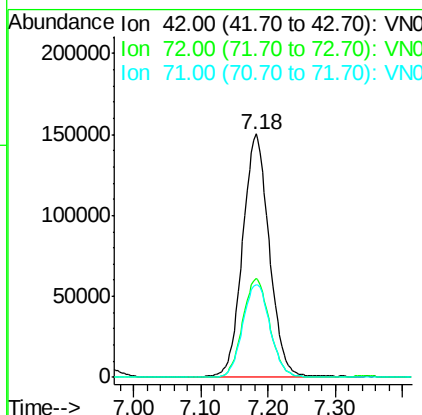
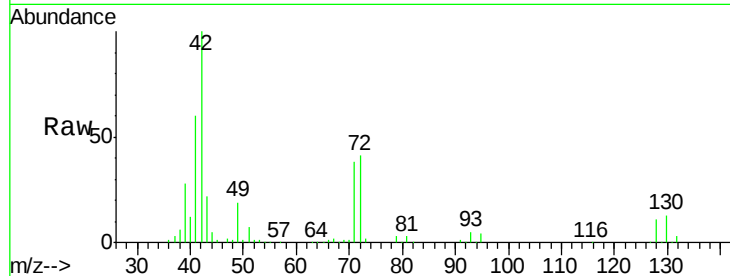
#29
Tetrahydrofuran
Concen: 273.655 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.1	49.7
71	39.1	31.4	47.0

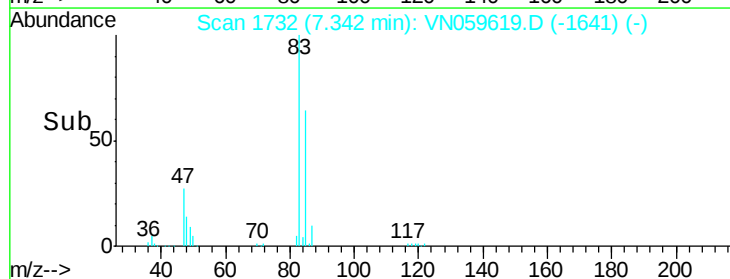
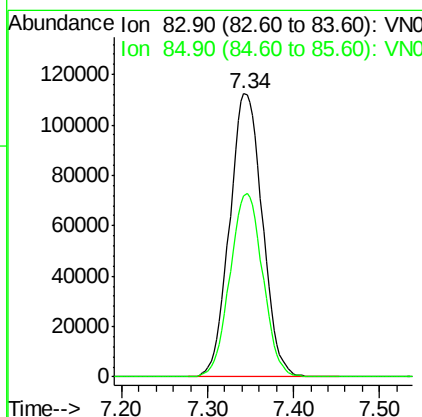
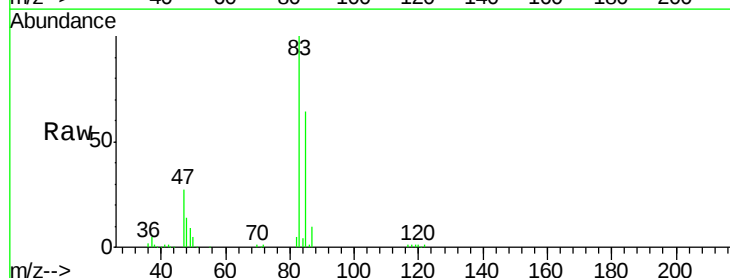
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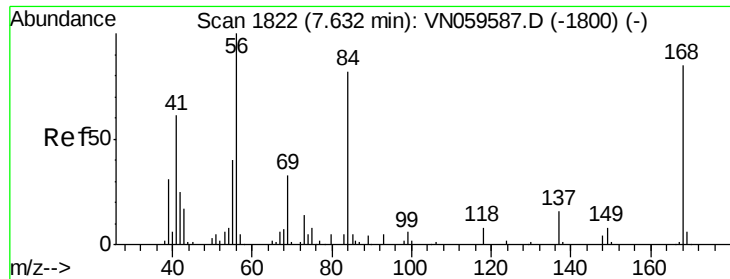
apatel
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#30
Chloroform
Concen: 56.081 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.4	78.6





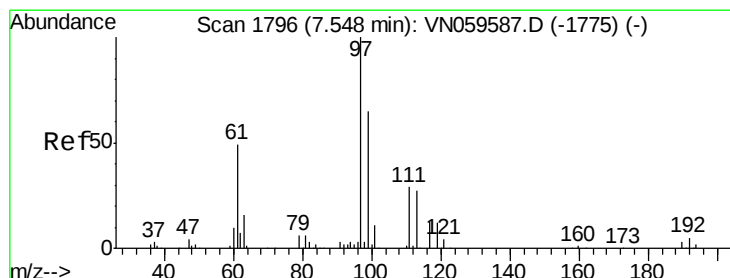
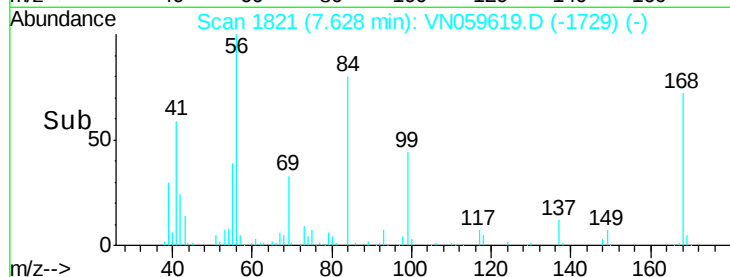
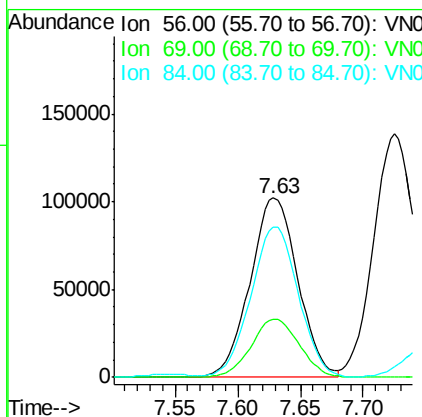
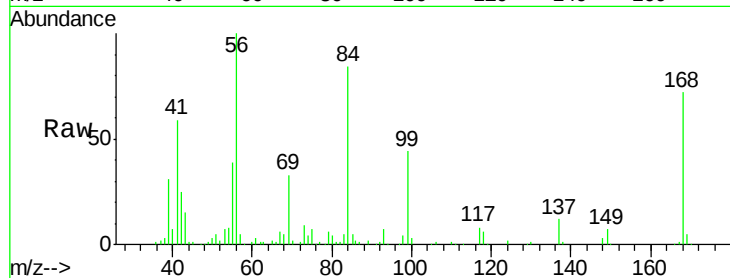
#31
Cyclohexane
Concen: 53.085 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.5	39.7
84	82.8	65.3	97.9

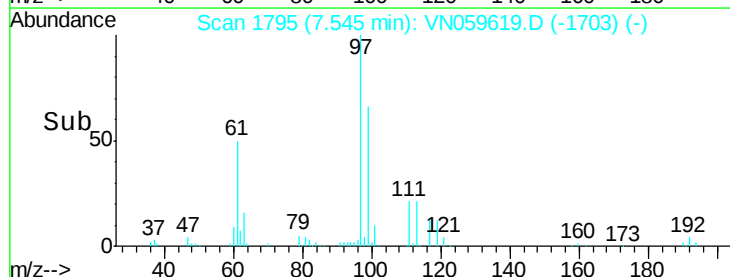
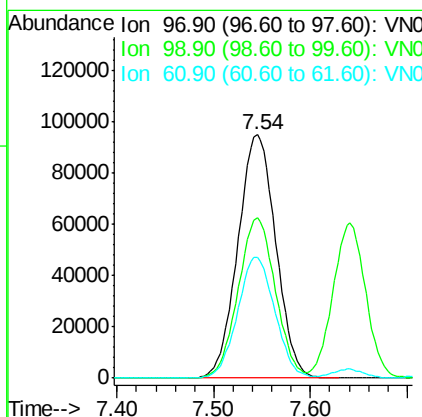
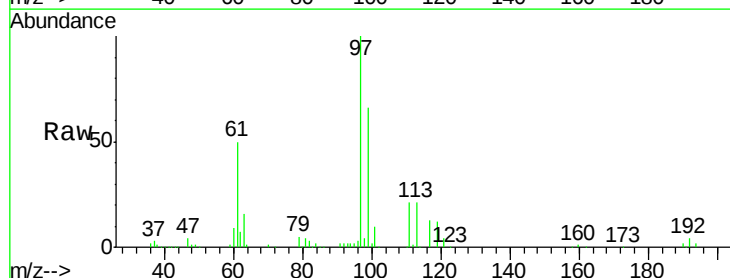
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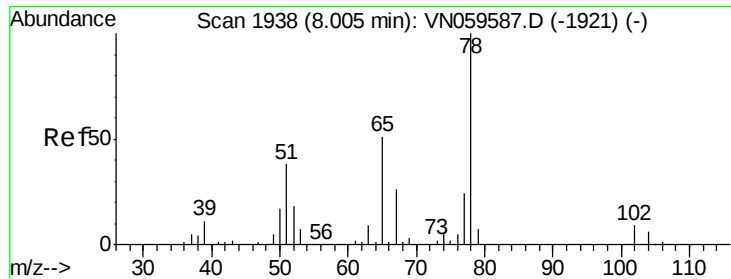
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#32
1,1,1-Trichloroethane
Concen: 54.063 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	49.0	38.5	57.7





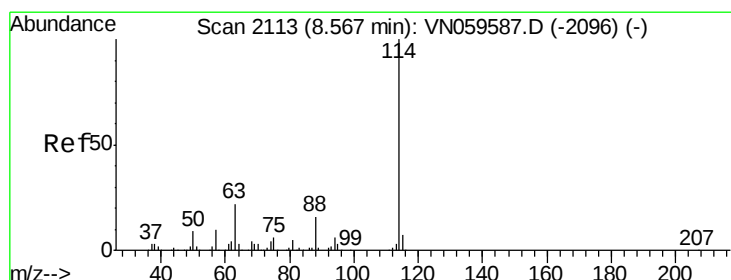
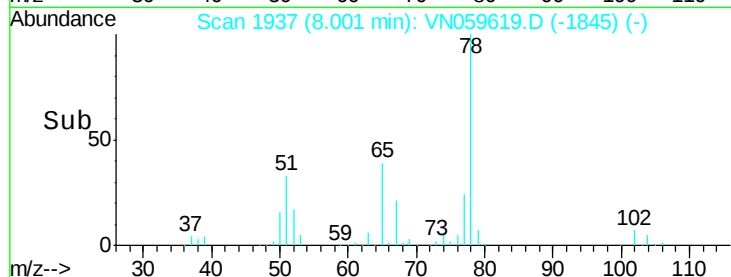
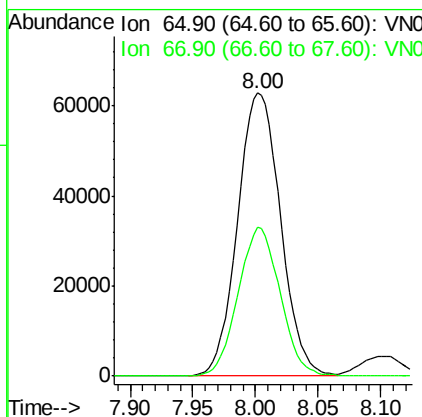
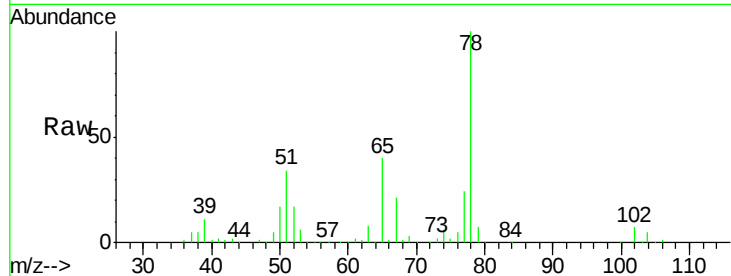
#33
 1,2-Dichloroethane-d4
 Concen: 42.825 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	149628		
67	51.4	0.0	103.0	

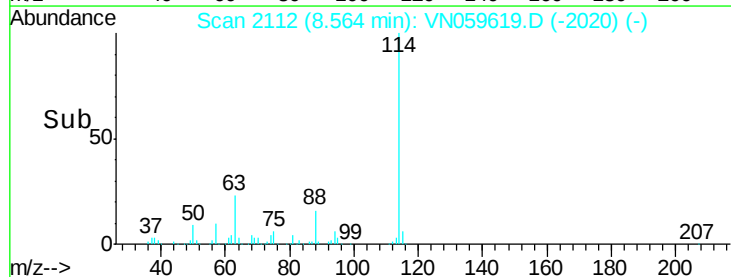
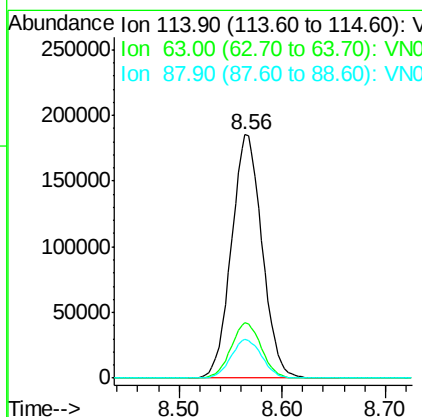
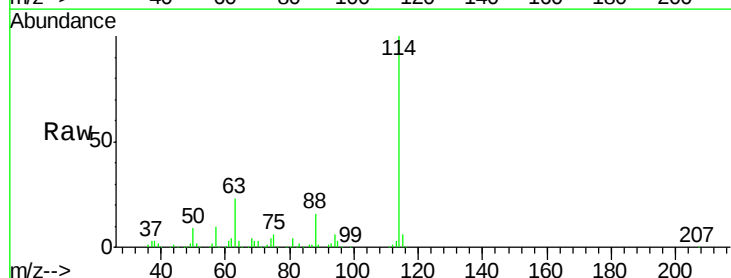
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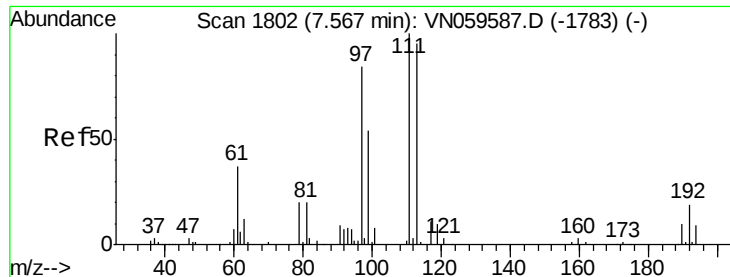
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	384046		
63	22.6	0.0	43.6	
88	15.8	0.0	31.4	





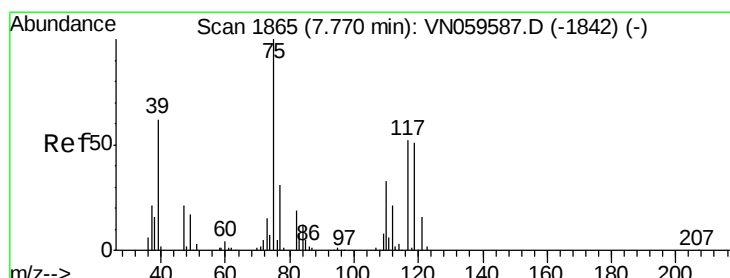
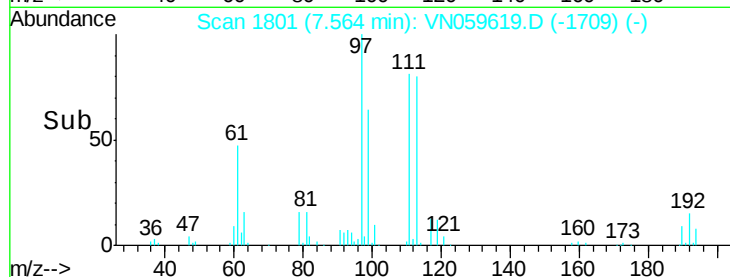
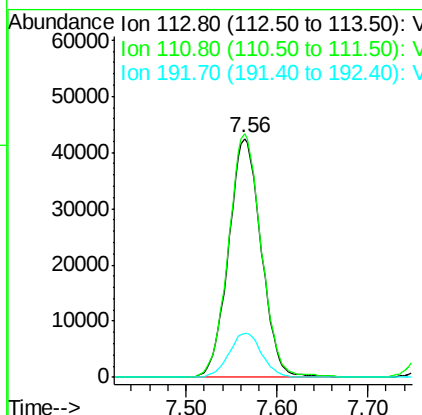
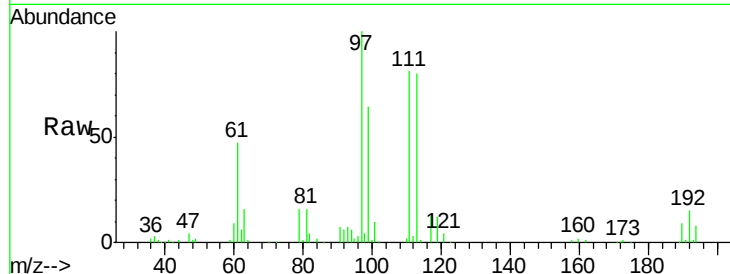
#35
Dibromofluoromethane
Concen: 43.975 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105669		
111	101.7	83.5	125.3	
192	18.5	15.4	23.2	

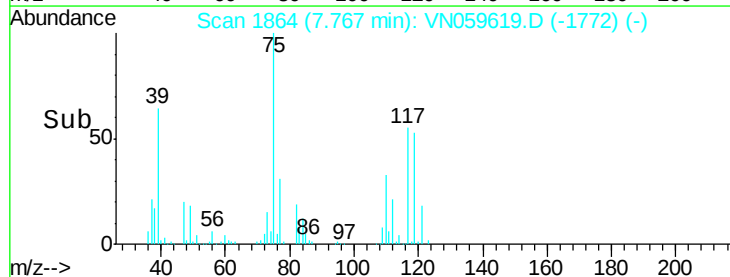
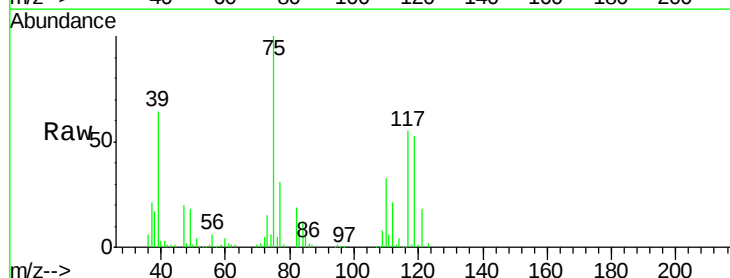
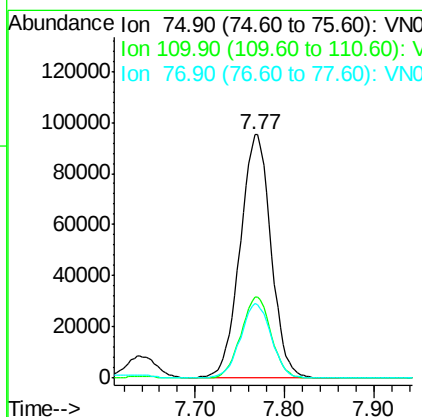
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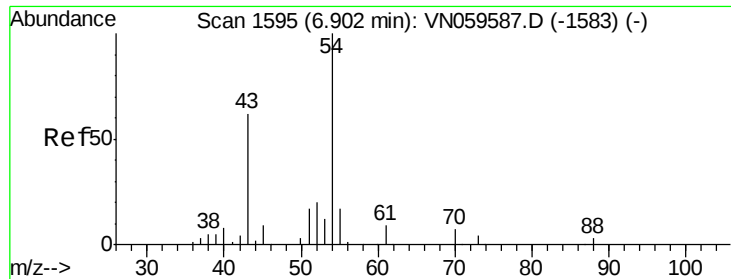
apatel
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#36
1,1-Dichloropropene
Concen: 57.377 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229798		
110	32.4	16.6	49.7	
77	30.6	25.1	37.7	





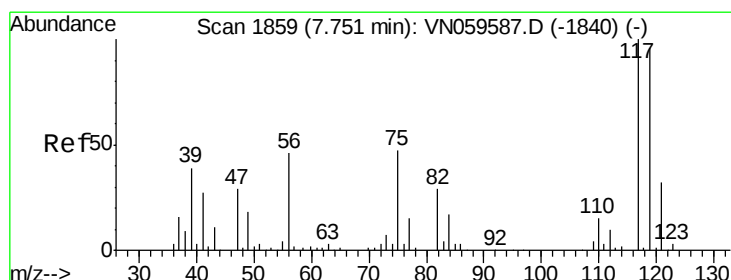
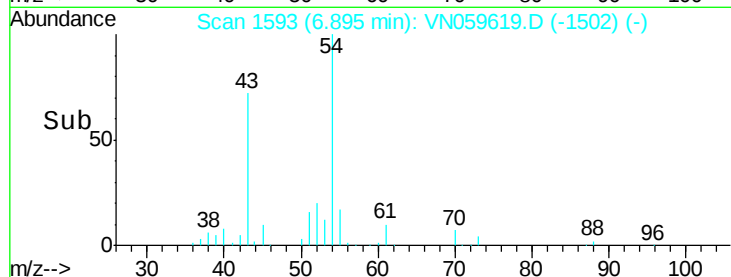
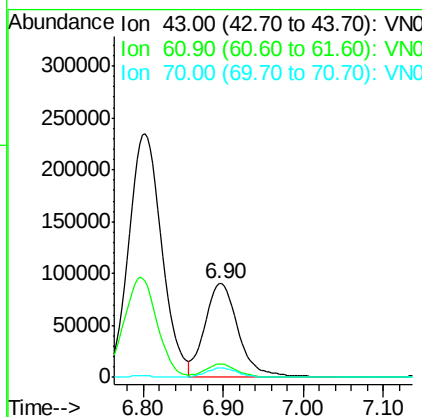
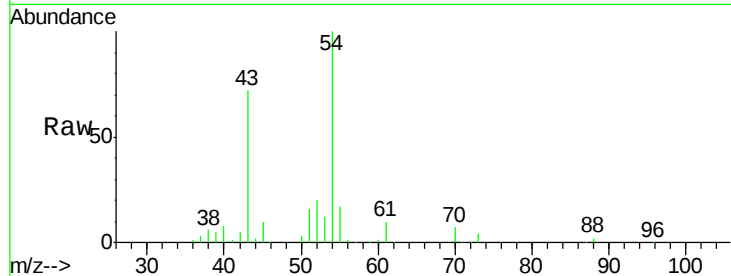
#37
Ethyl Acetate
Concen: 56.005 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	9.5	7.7	11.5

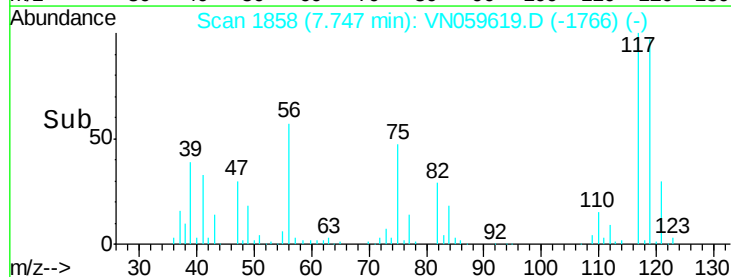
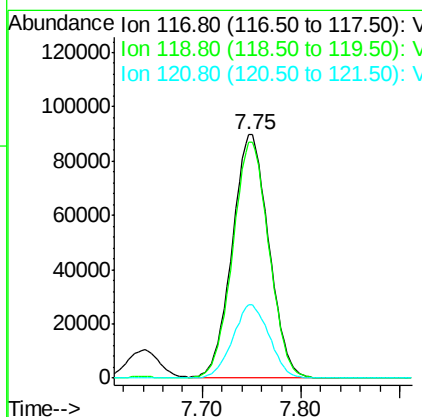
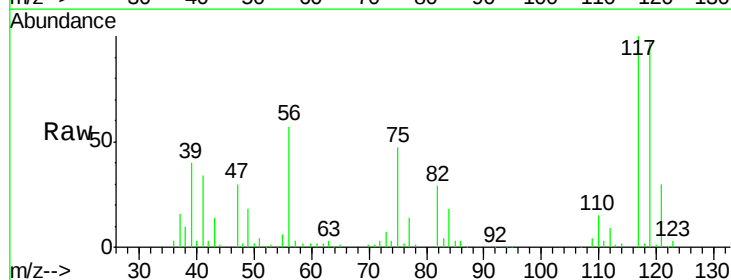
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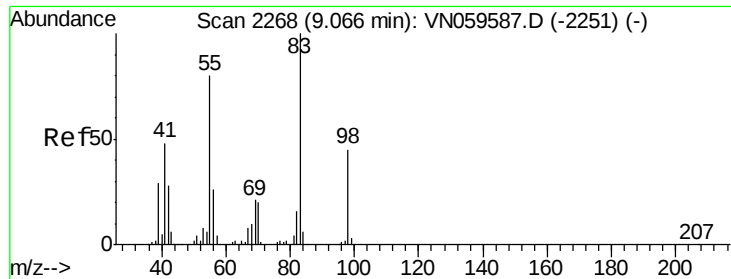
apatel
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#38
Carbon Tetrachloride
Concen: 55.640 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.5	114.7
121	30.2	25.1	37.7





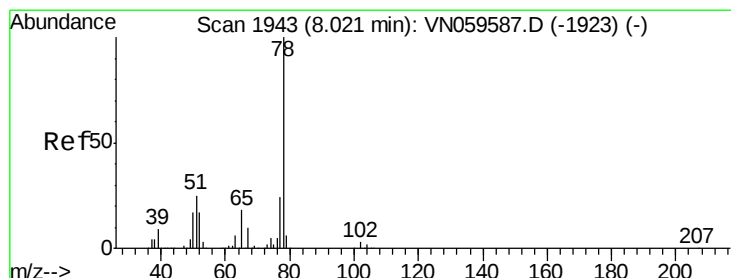
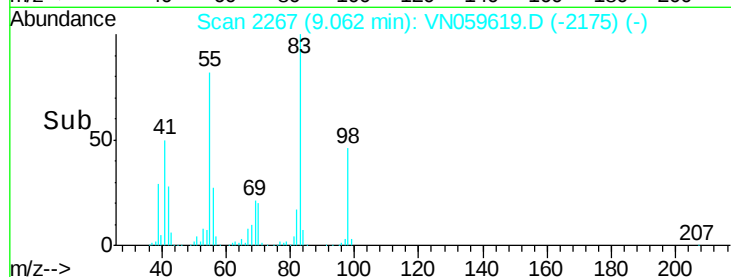
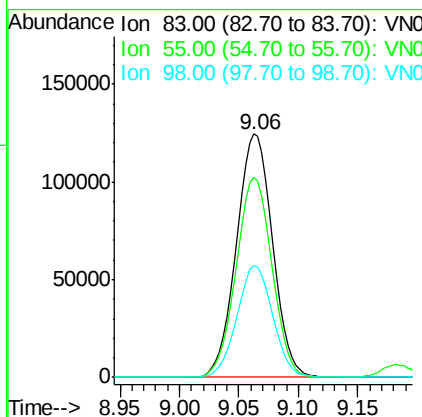
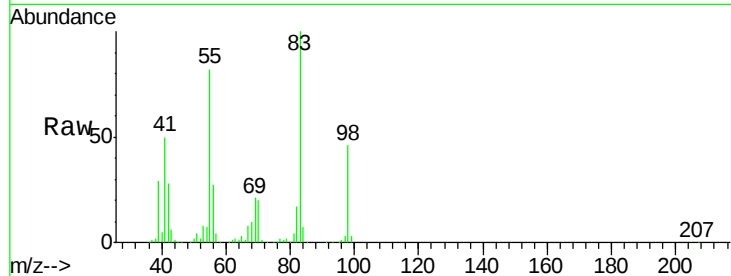
#39
Methvlcvclohexane
Concen: 57.729 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	262258		
55	82.4		64.2	96.2
98	46.0		35.9	53.9

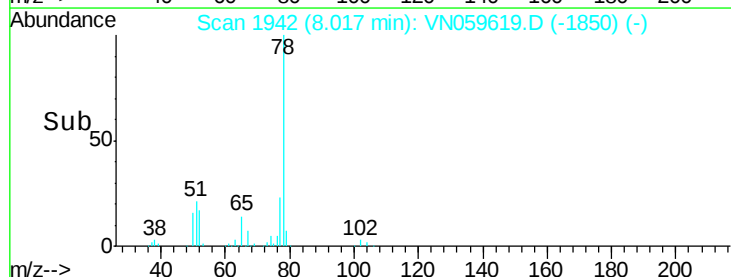
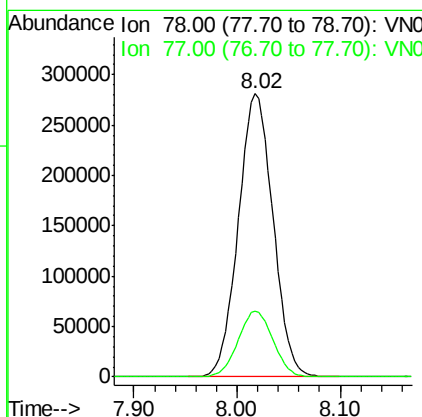
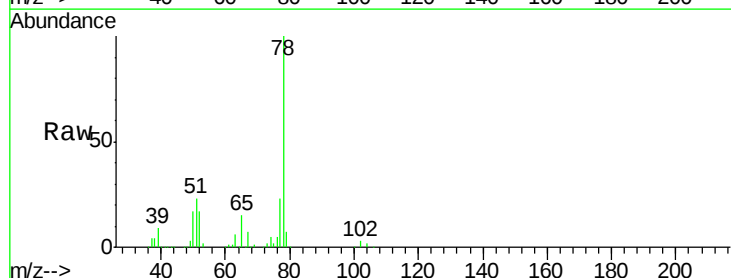
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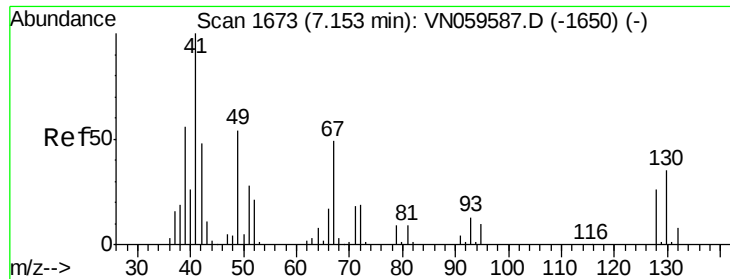
apatel
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#40
Benzene
Concen: 56.170 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	657435		
77	23.1		18.9	28.3





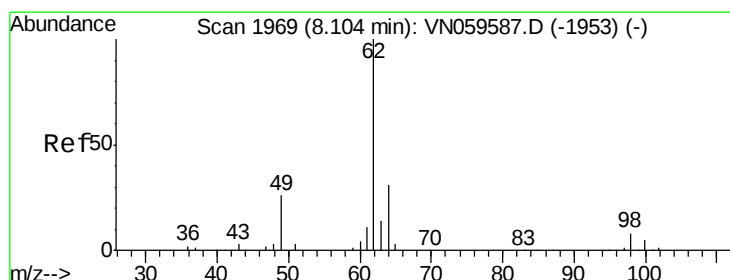
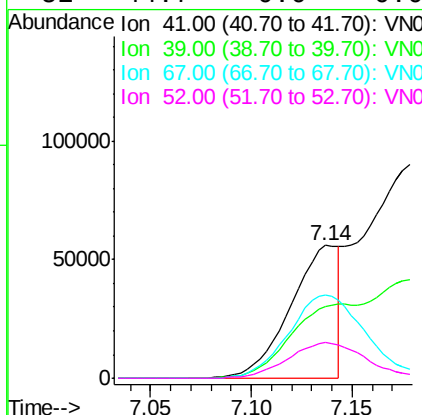
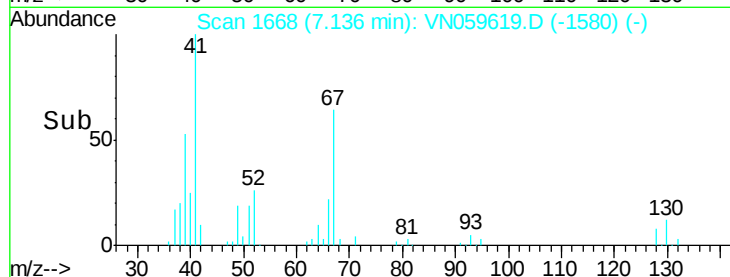
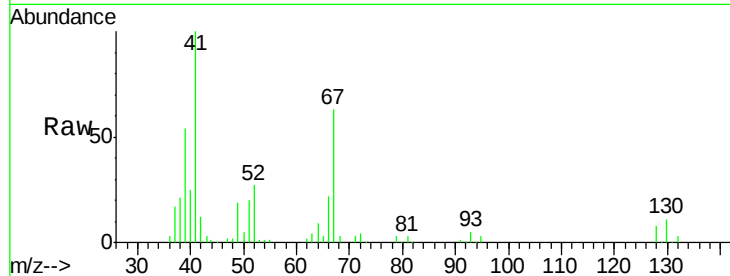
#41
Methacrylonitrile
Concen: 48.239 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.02 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		92671		
39	0.0	0.0	0.0		
67	100.9	0.0	0.0		
52	44.7	0.0	0.0		

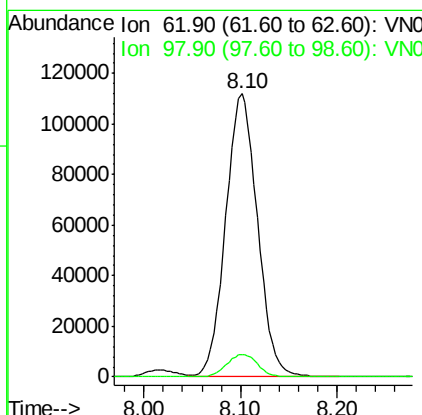
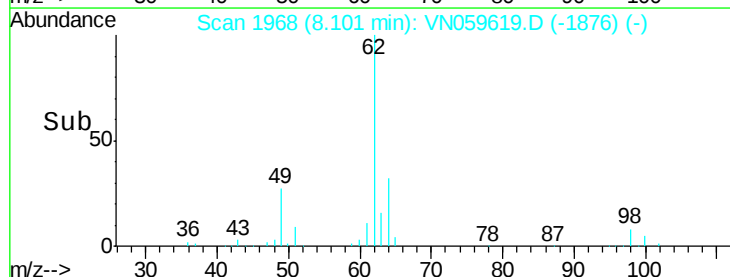
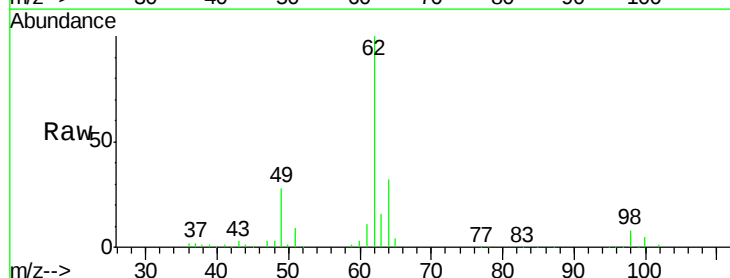
Manual Integrations
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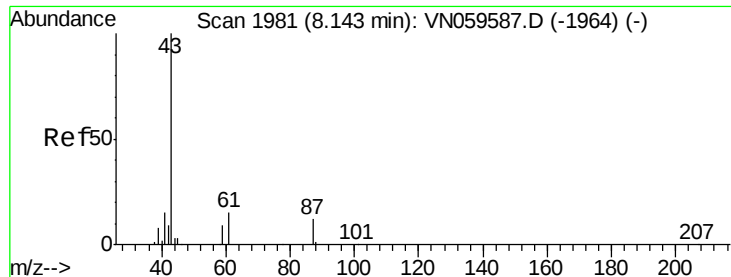
apatel
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#42
1,2-Dichloroethane
Concen: 56.896 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		255023		
98	7.8	0.0	15.8		





#43

Isopropyl Acetate

Concen: 57.211 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

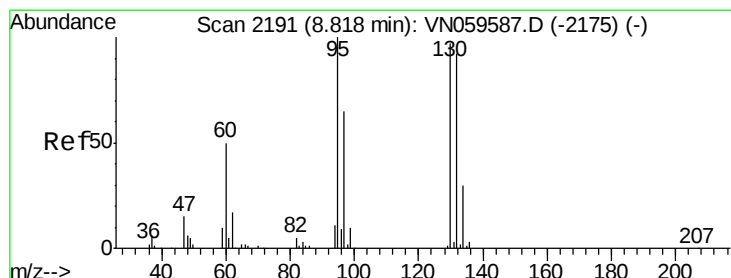
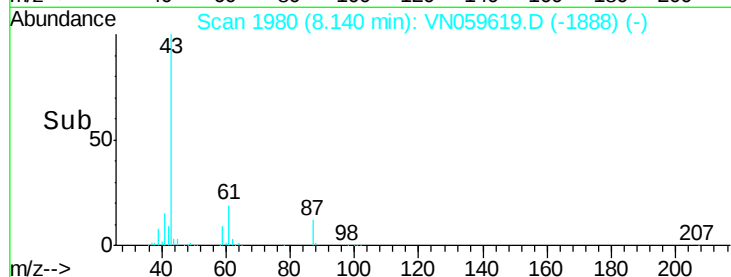
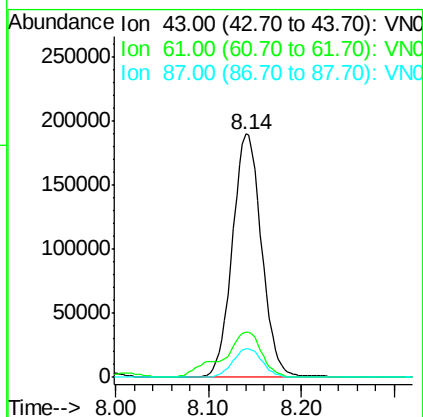
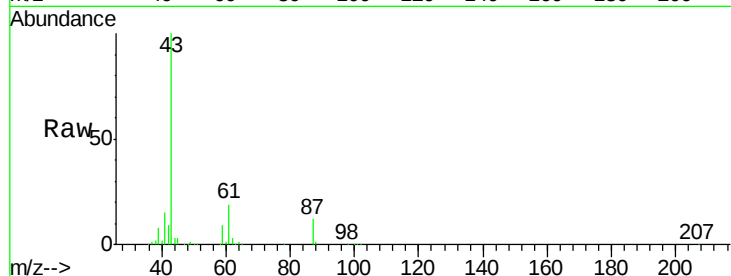
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	414047
Ion	Ratio	Lower	Upper
43	100		
61	25.1	20.2	30.2
87	11.9	9.5	14.3

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#44

Trichloroethene

Concen: 55.526 ug/l

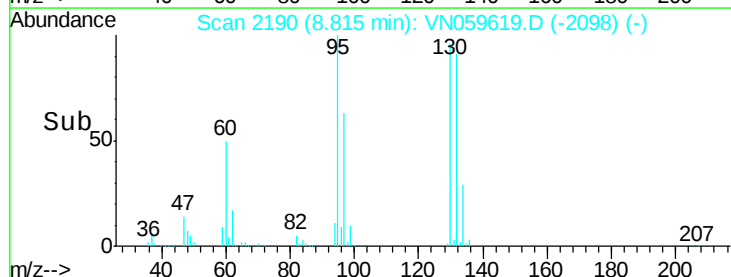
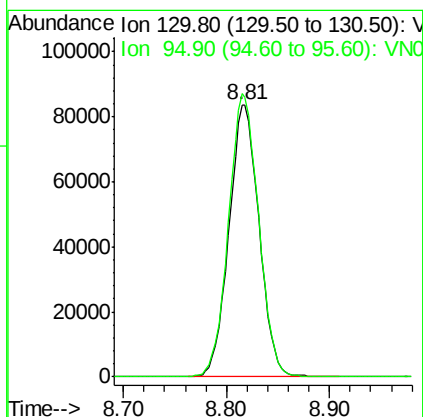
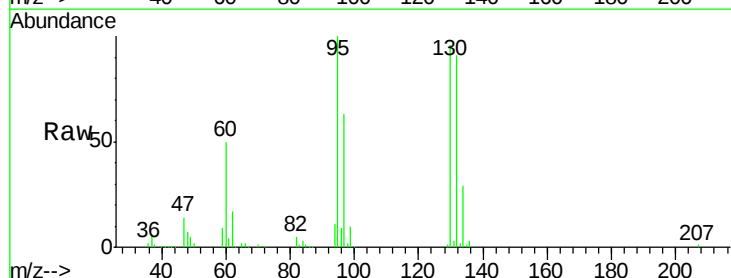
RT: 8.81 min Scan# 2190

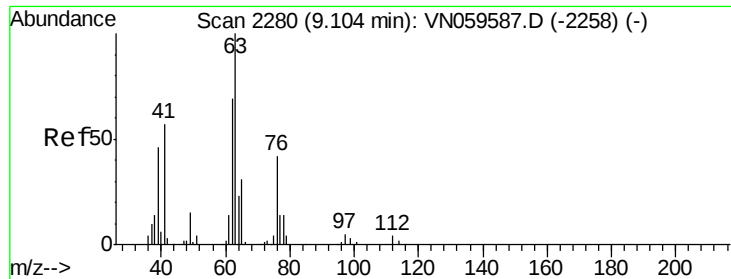
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	130	Resp:	170227
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 57.072 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 180382

Ion Ratio Lower Upper

63 100

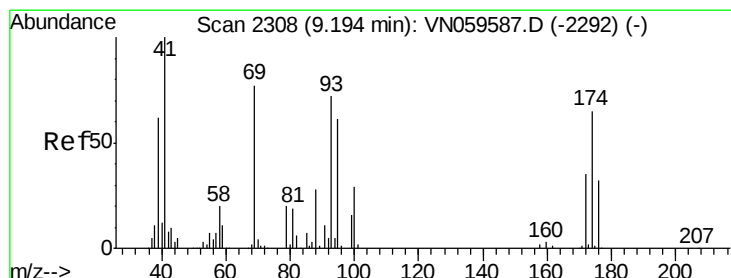
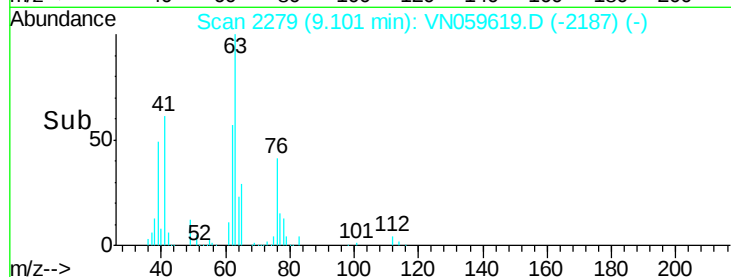
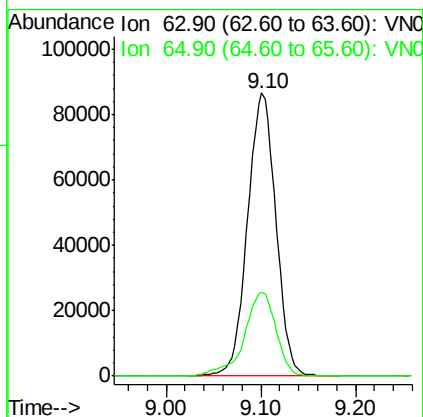
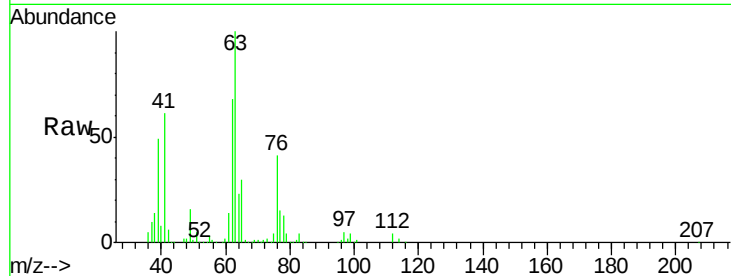
65 29.7 24.9 37.3

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#46

Dibromomethane

Concen: 56.552 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

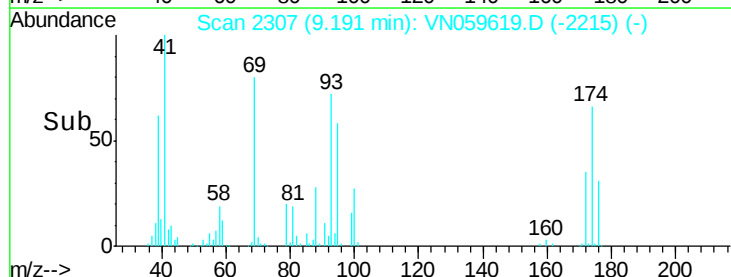
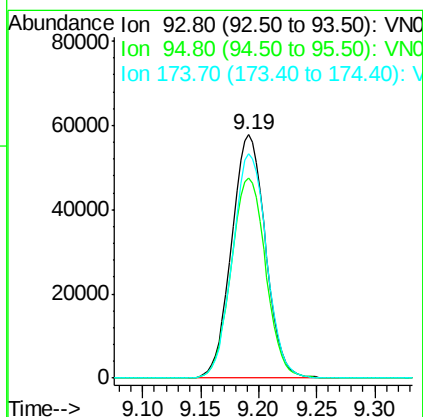
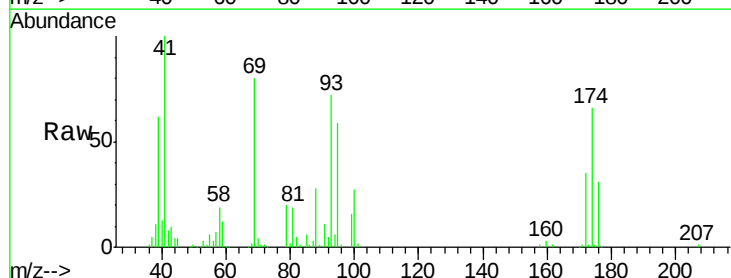
Tgt Ion: 93 Resp: 117100

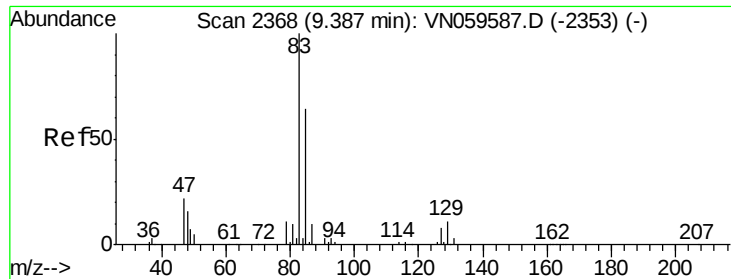
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.6

174 92.5 73.4 110.2





#47

Bromodichloromethane

Concen: 58.301 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

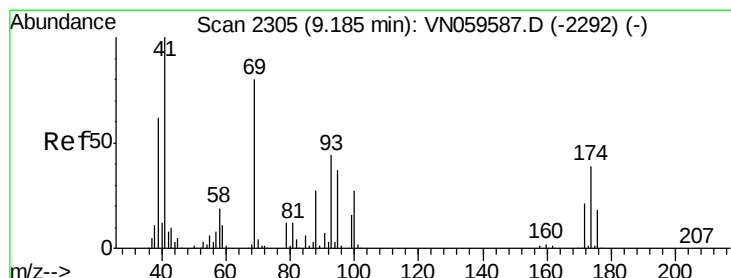
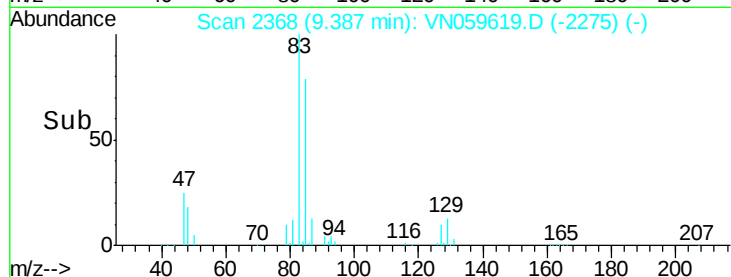
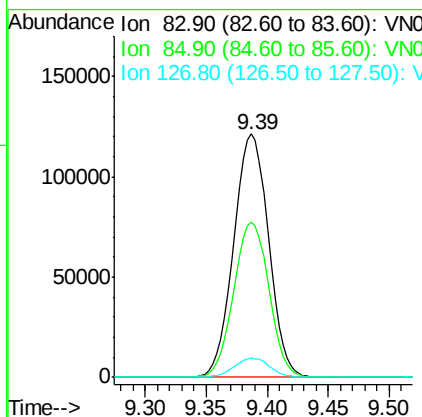
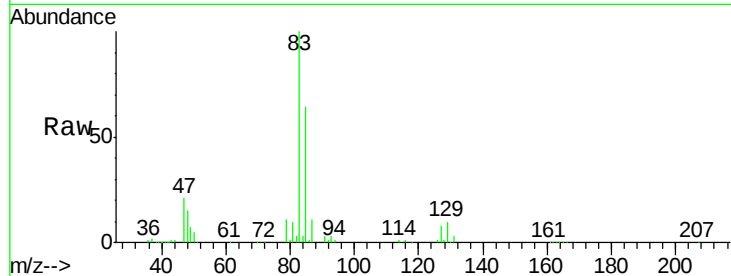
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	240688
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.1	76.7
127	7.9	6.6	9.8

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#48

Methyl methacrylate

Concen: 57.480 ug/l

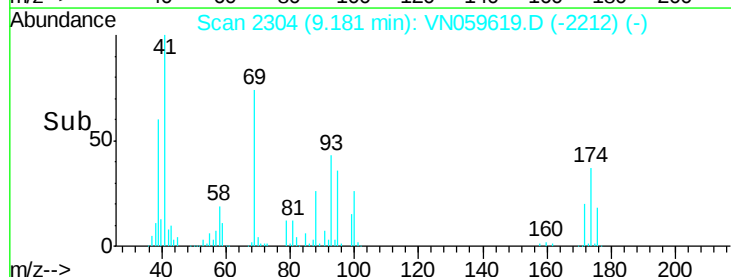
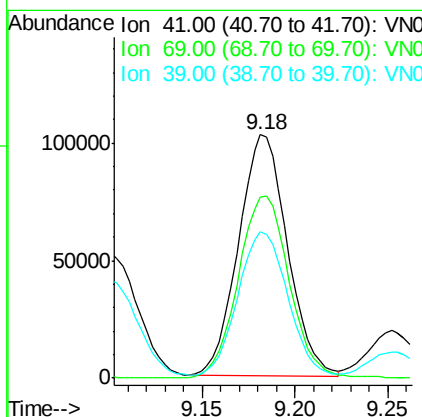
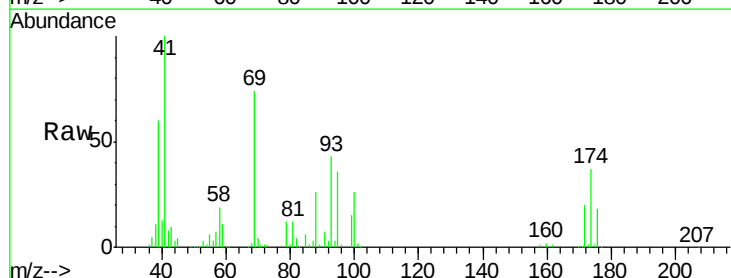
RT: 9.18 min Scan# 2304

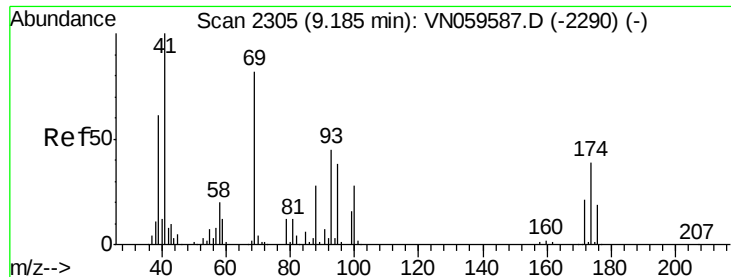
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	41	Resp:	188733
Ion Ratio	Lower	Upper	
41	100		
69	78.9	64.4	96.6
39	62.8	51.3	76.9





#49

1,4-Dioxane

Concen: 1209.623 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

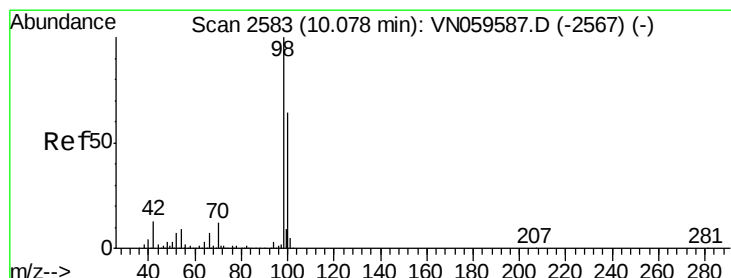
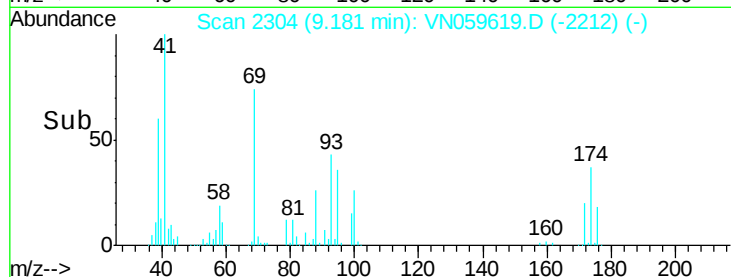
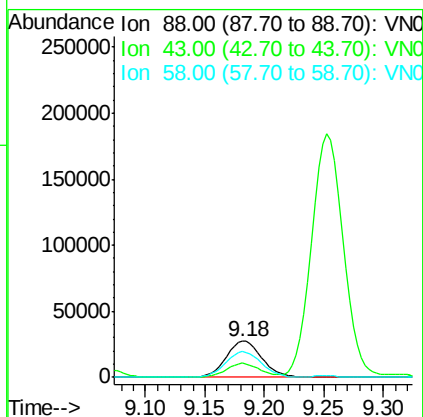
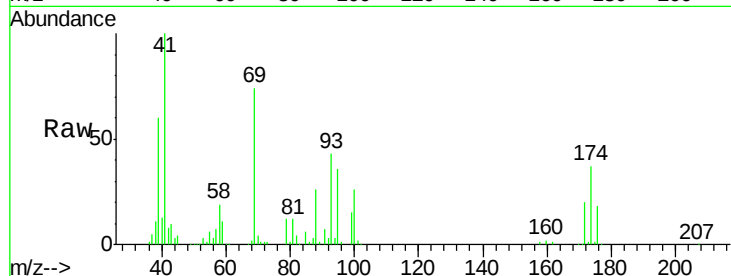
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	56918
Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.7	44.5
58	71.4	56.6	85.0

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#50

Toluene-d8

Concen: 44.636 ug/l

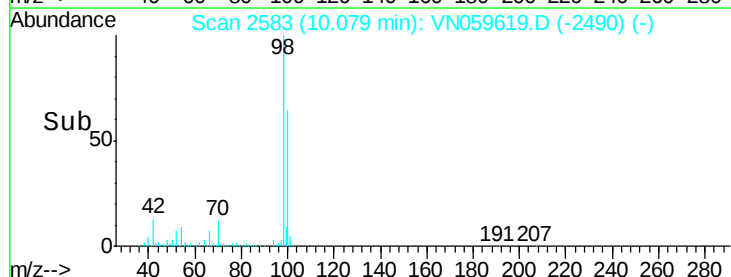
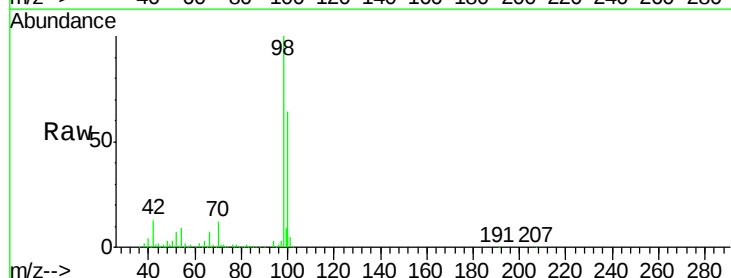
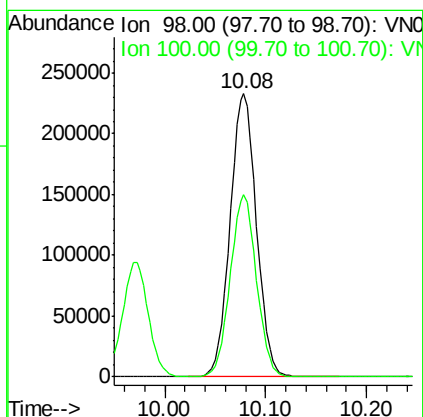
RT: 10.08 min Scan# 2583

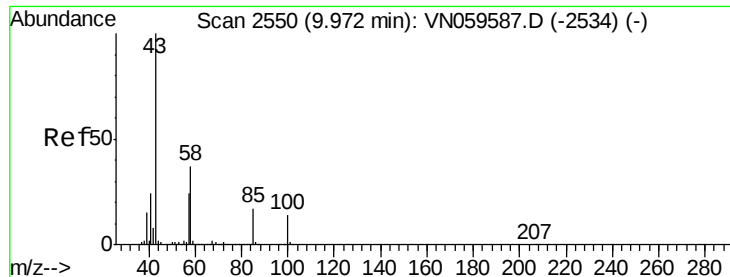
Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	98	Resp:	424648
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 297.837 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1285155

Ion Ratio Lower Upper

43 100

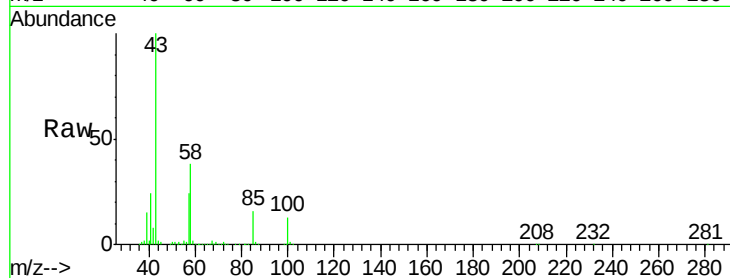
58 37.4 29.8 44.8

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

800000

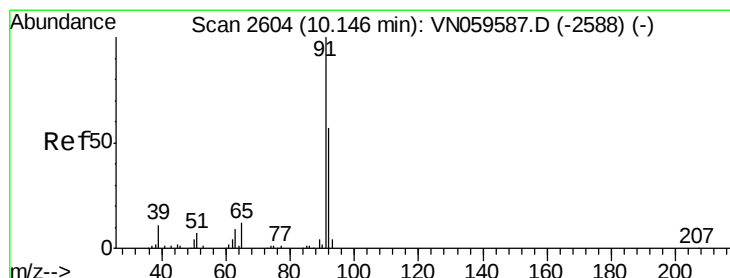
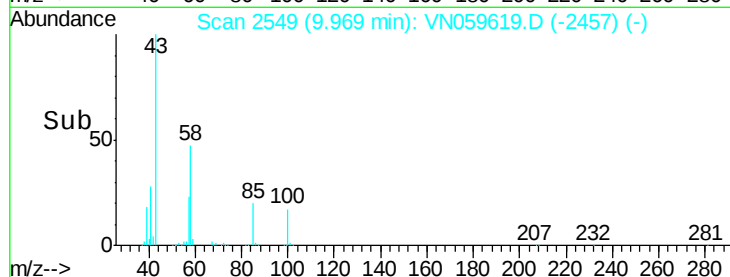
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 56.253 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059619.D

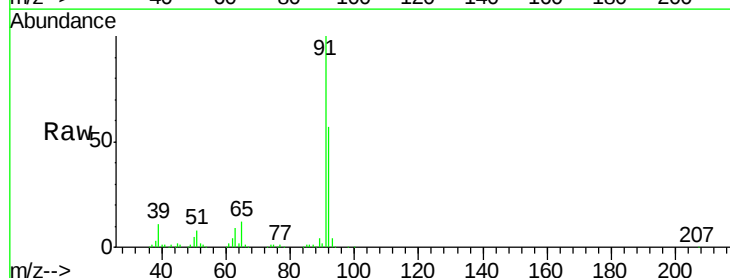
Acq: 17 Dec 2019 12:38

Tgt Ion: 92 Resp: 404542

Ion Ratio Lower Upper

92 100

91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.14

400000

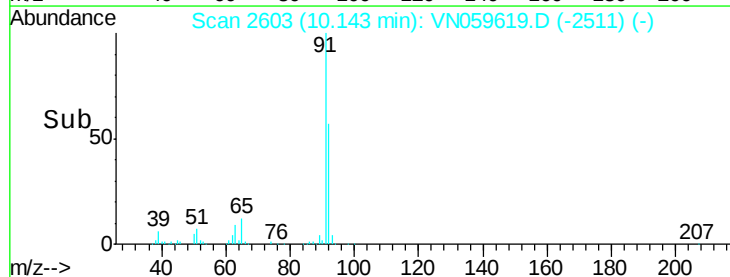
300000

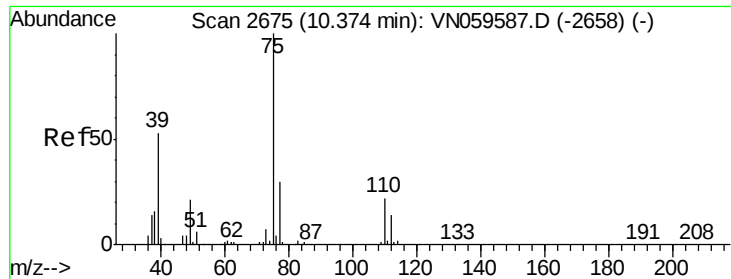
200000

100000

0

Time-->





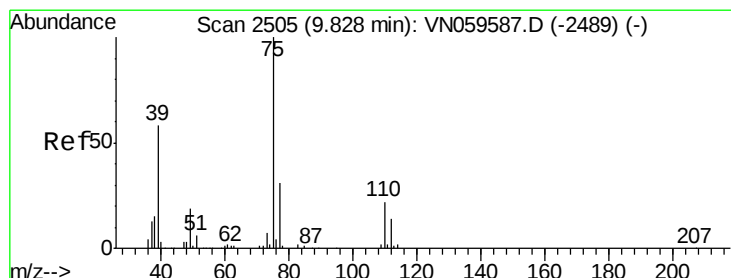
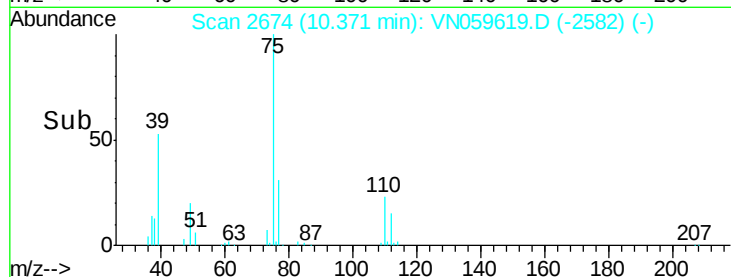
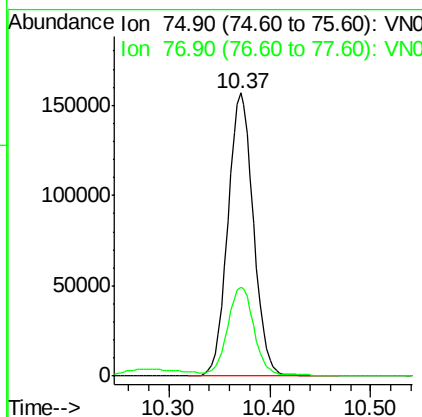
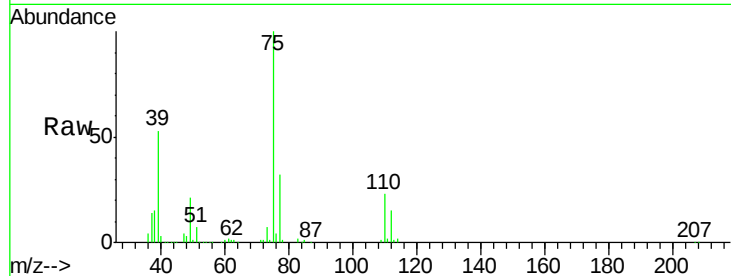
#53
t-1,3-Dichloropropene
Concen: 57.935 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 276616
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

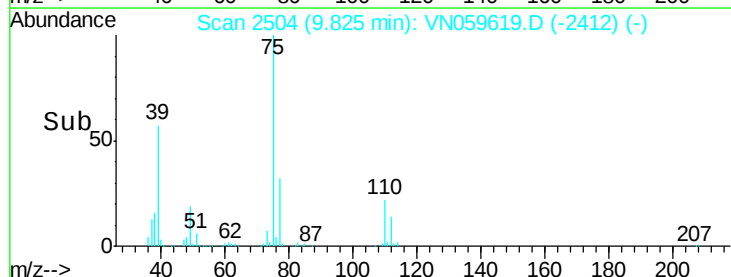
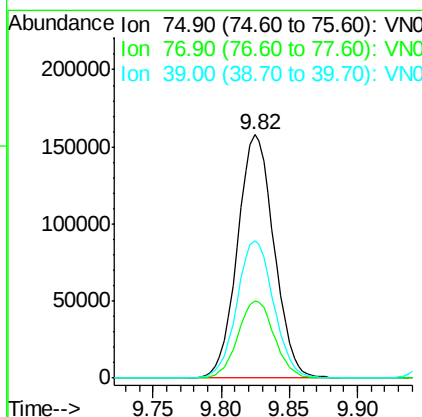
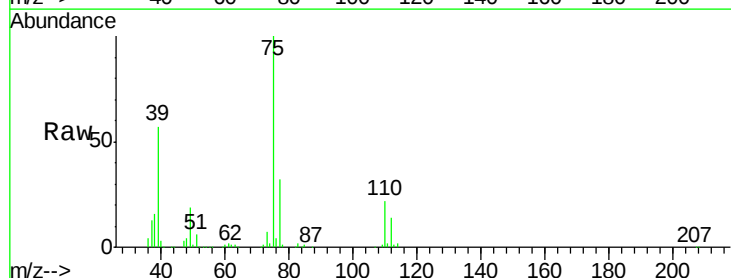
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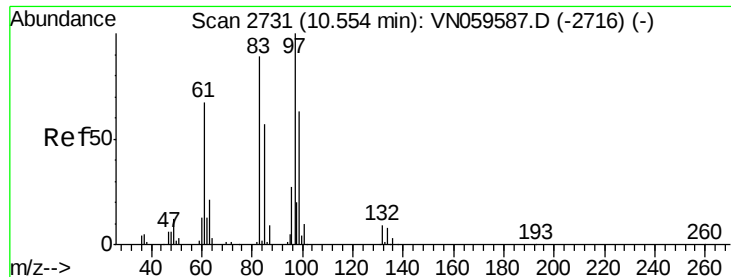
apatel
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#54
cis-1,3-Dichloropropene
Concen: 58.497 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion: 75 Resp: 293586
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 56.5 46.1 69.1





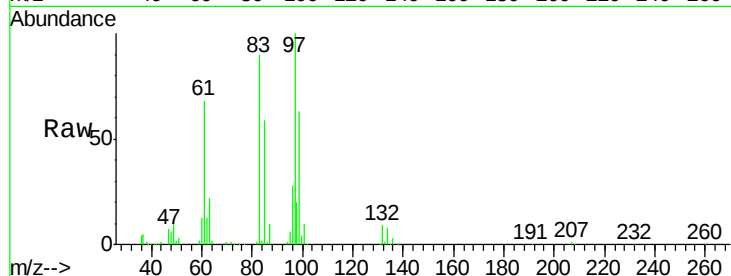
#55
 1,1,2-Trichloroethane
 Concen: 57.219 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	161470
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.3	106.9
85	58.5	45.8	68.8
99	63.3	50.0	75.0

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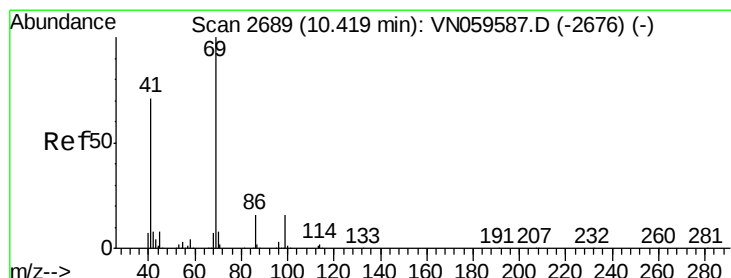
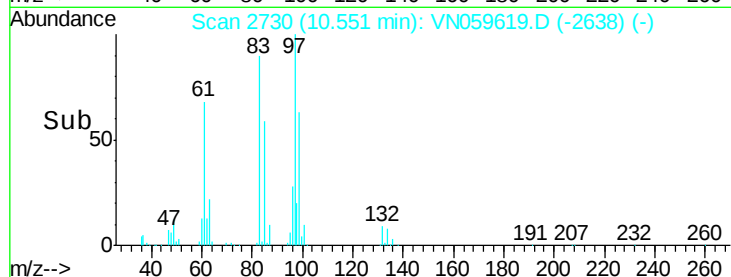
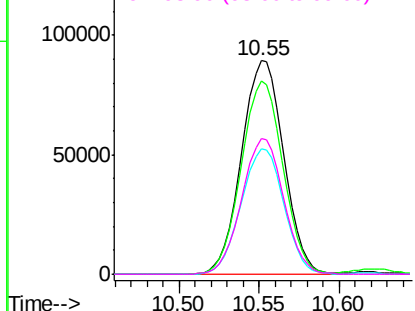


Abundance Ion 96.90 (96.60 to 97.60): VN059619.D (-2638) (-)

Ion 82.90 (82.60 to 83.60): VN059619.D (-2638) (-)

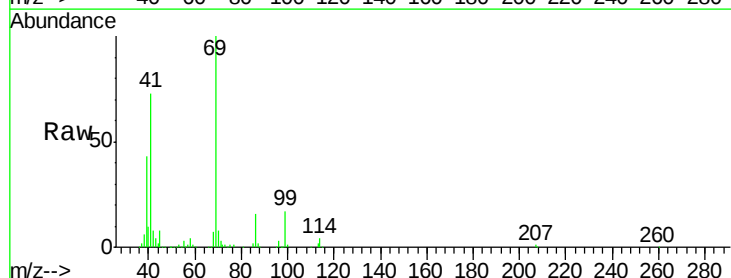
Ion 84.90 (84.60 to 85.60): VN059619.D (-2638) (-)

Ion 98.90 (98.60 to 99.60): VN059619.D (-2638) (-)



#56
 Ethyl methacrylate
 Concen: 60.413 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

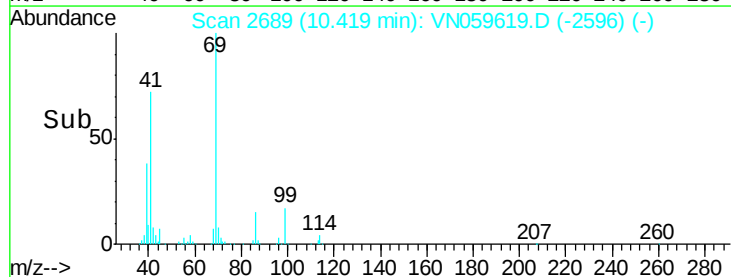
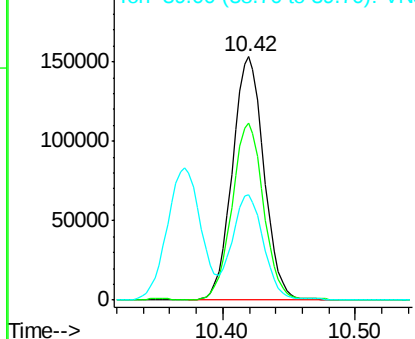
Tgt Ion:	69	Resp:	253089
Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.1	85.7
39	42.9	34.7	52.1

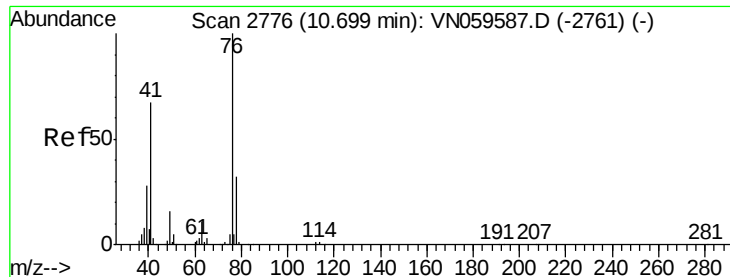


Abundance Ion 69.00 (68.70 to 69.70): VN059619.D (-2596) (-)

Ion 41.00 (40.70 to 41.70): VN059619.D (-2596) (-)

Ion 39.00 (38.70 to 39.70): VN059619.D (-2596) (-)





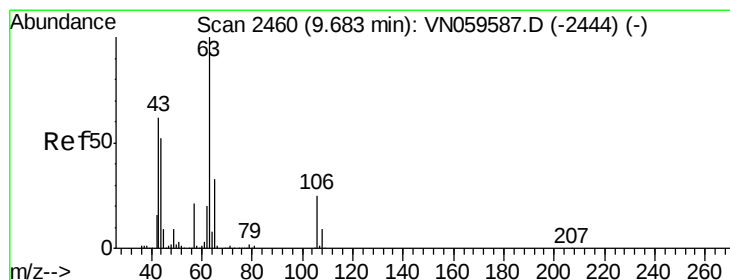
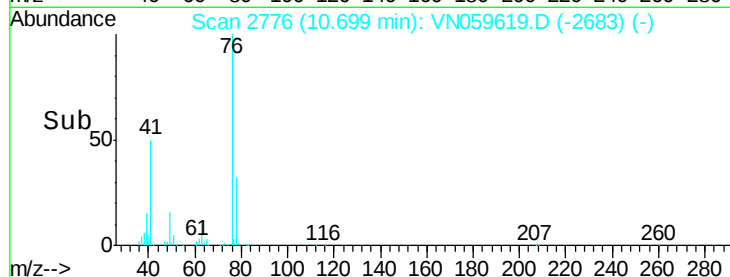
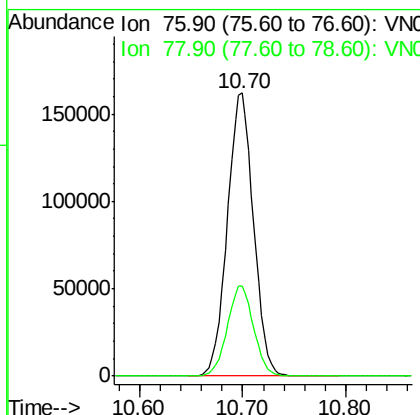
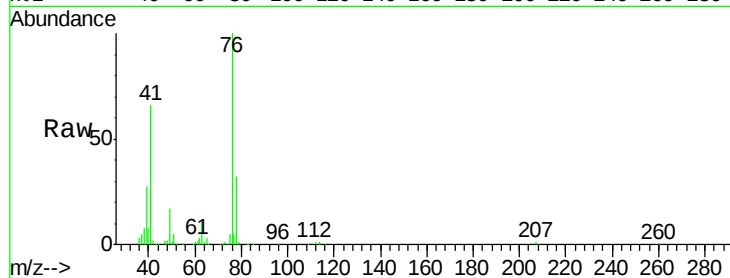
#57
 1,3-Dichloropropane
 Concen: 58.208 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

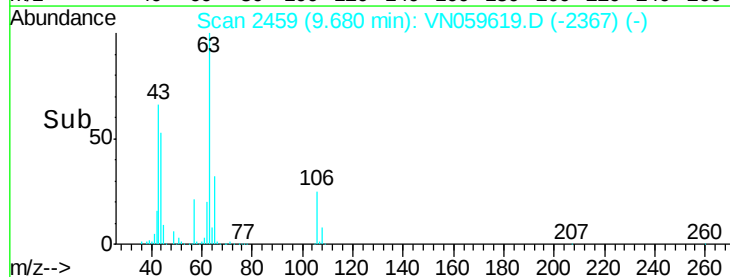
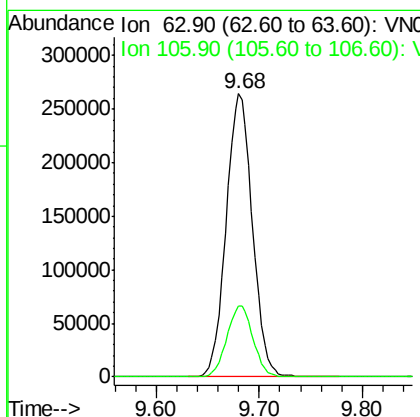
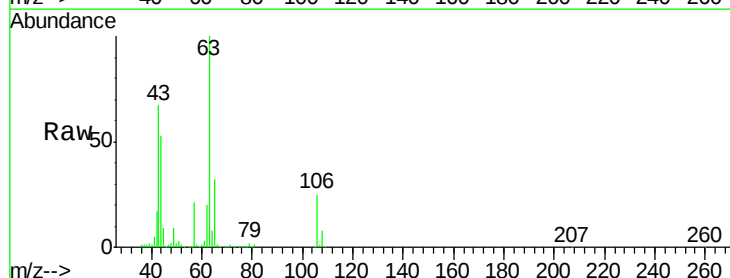
Manual Integrations
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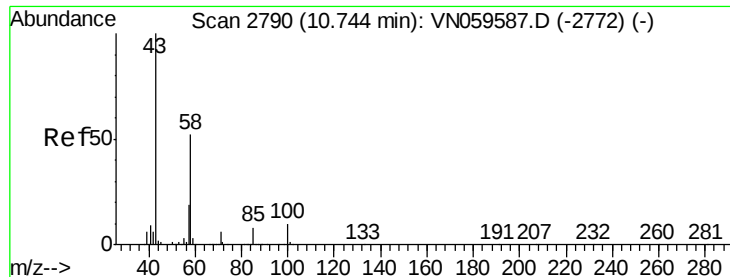
apatel
 12/18/2019 10:05:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 351.422 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	20.2	30.2





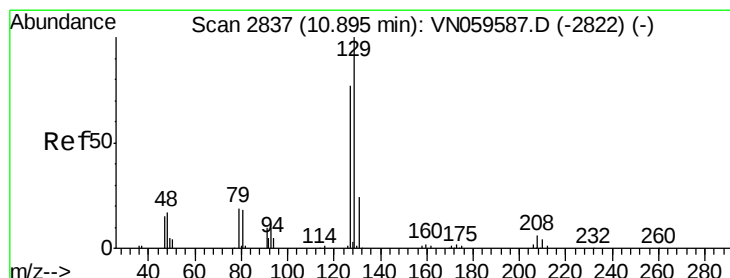
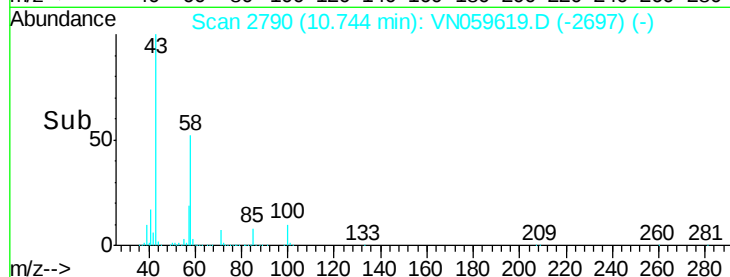
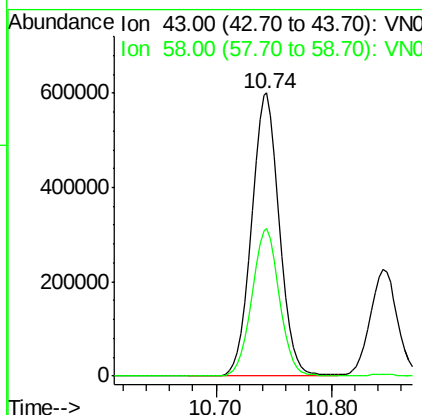
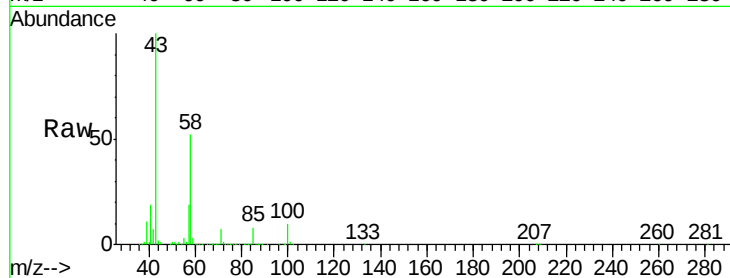
#59
2-Hexanone
Concen: 294.936 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1003006
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.3

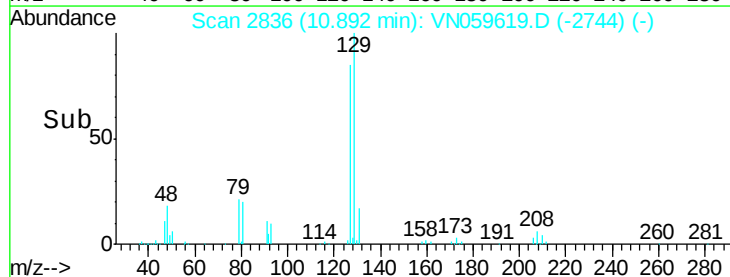
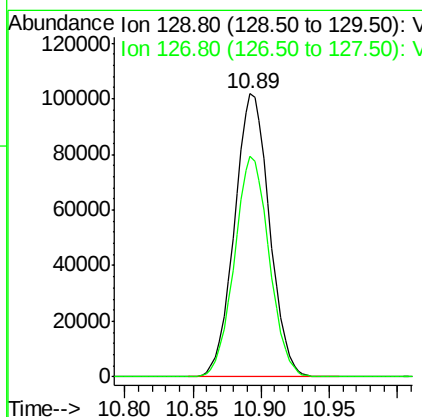
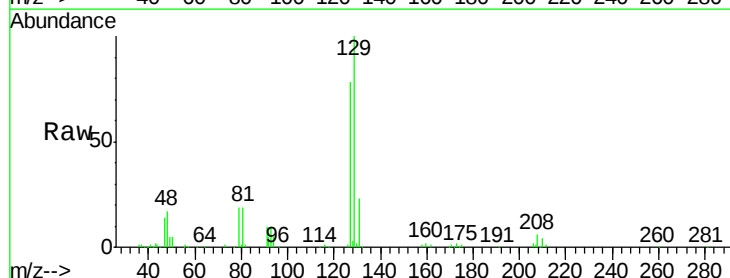
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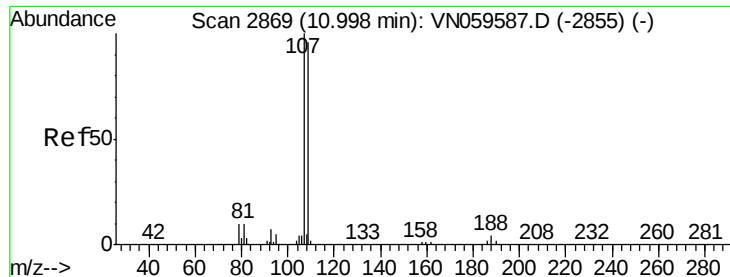
apatel
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#60
Dibromochloromethane
Concen: 58.795 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion: 129 Resp: 181086
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 56.669 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 169601

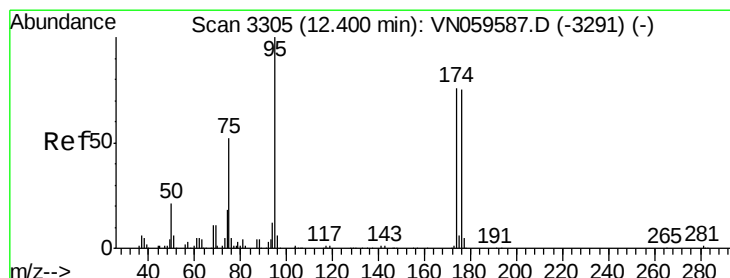
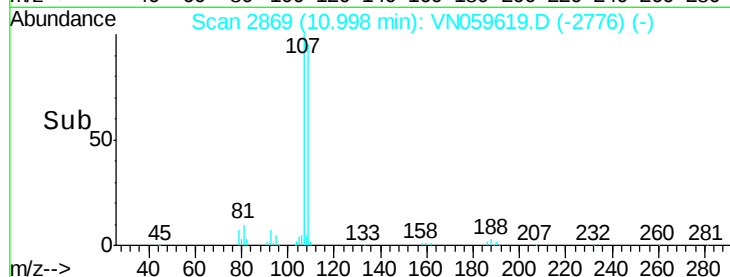
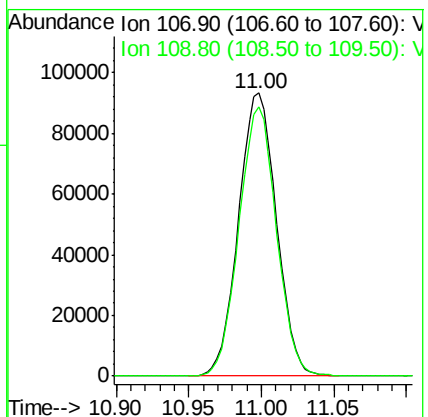
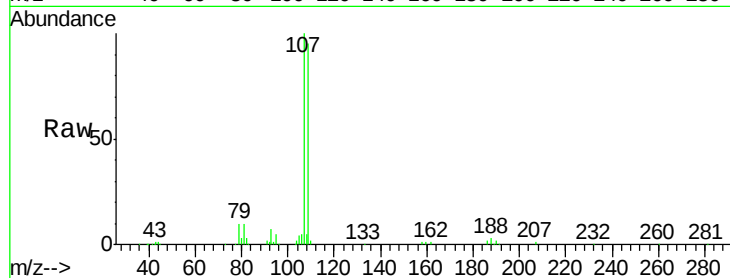
Ion Ratio Lower Upper

107 100

109 94.3 76.6 115.0

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#62

4-Bromofluorobenzene

Concen: 44.506 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

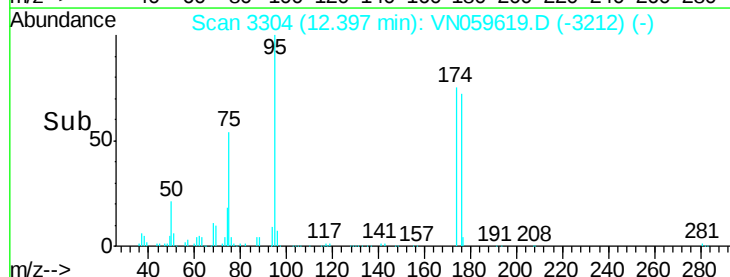
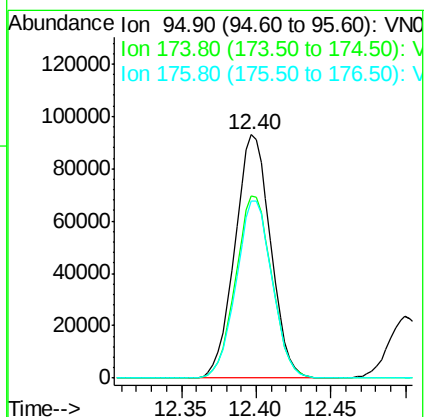
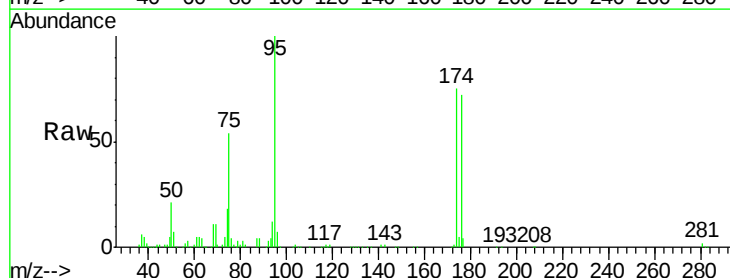
Tgt Ion: 95 Resp: 154499

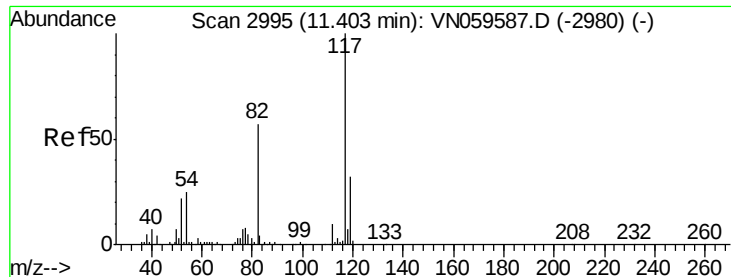
Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.4

176 73.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

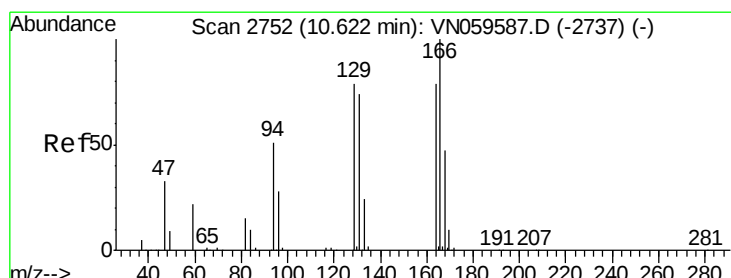
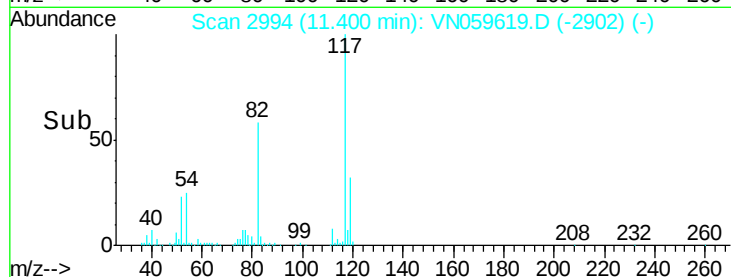
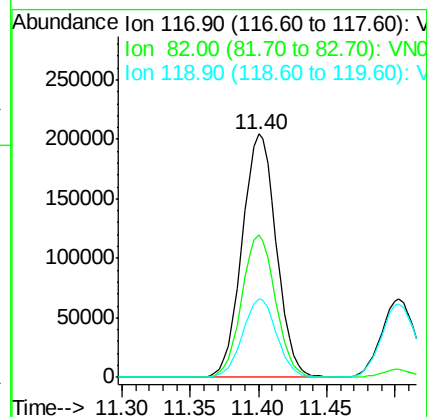
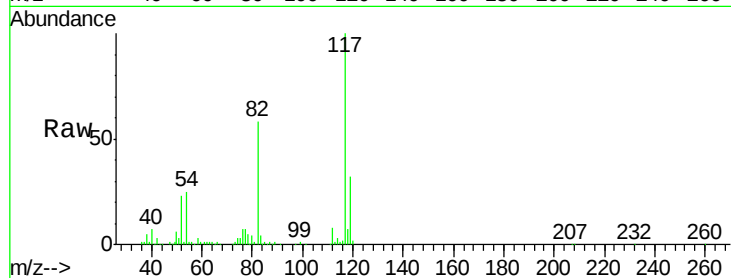
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	355345
Ion Ratio	Lower	Upper	
117	100		
82	58.4	45.9	68.9
119	32.2	25.5	38.3

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#64

Tetrachloroethene

Concen: 48.139 ug/l

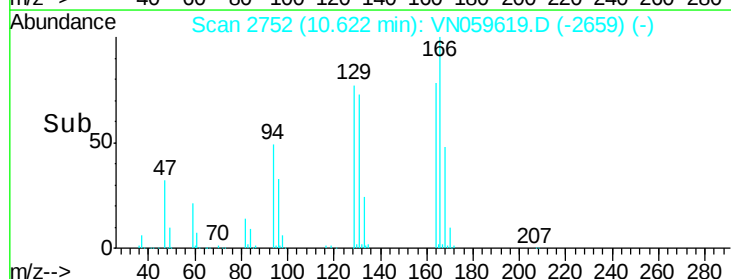
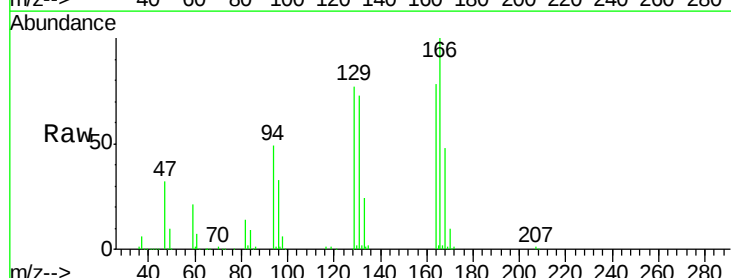
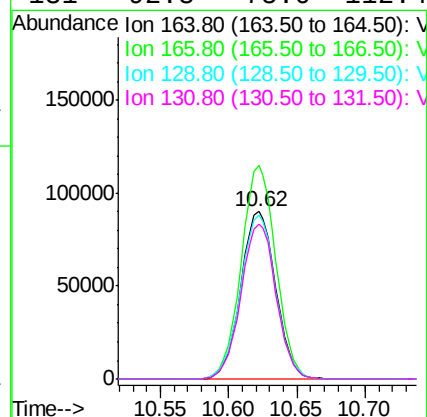
RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	164	Resp:	159462
Ion Ratio	Lower	Upper	
164	100		
166	127.5	101.4	152.0
129	97.7	80.2	120.4
131	92.8	75.0	112.4





#65

Chlorobenzene

Concen: 56.036 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 430846

Ion Ratio Lower Upper

112 100

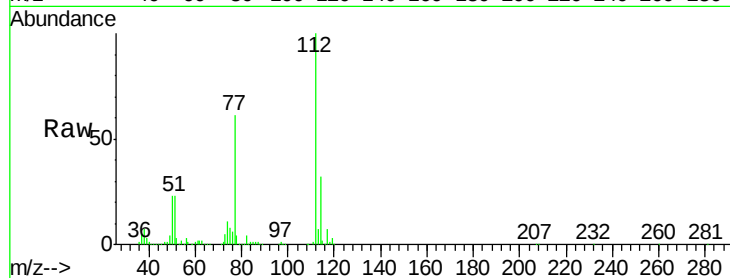
114 31.6 25.8 38.8

Manual Integrations

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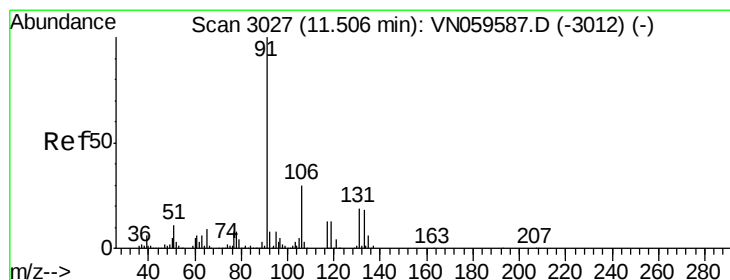
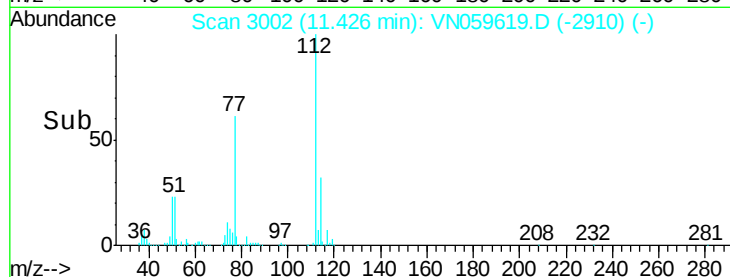
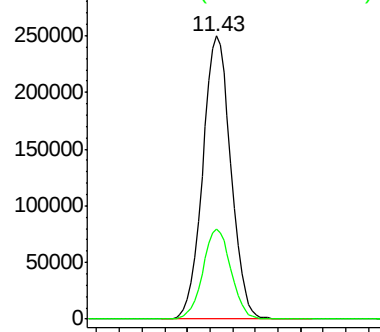
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.465 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

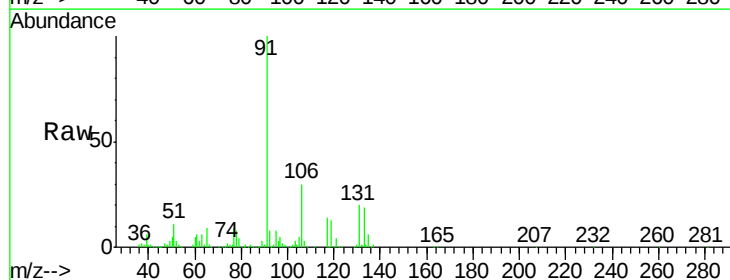
Tgt Ion:131 Resp: 161984

Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.2

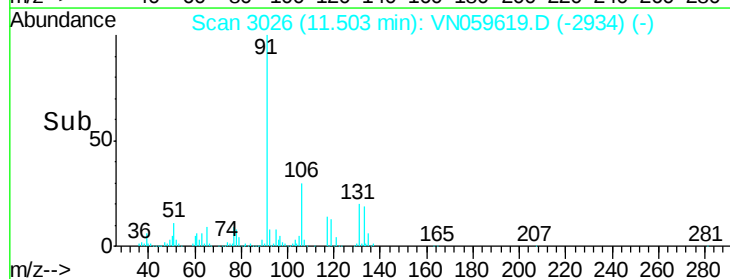
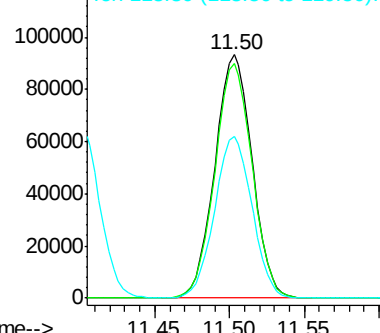
119 66.9 33.1 99.3

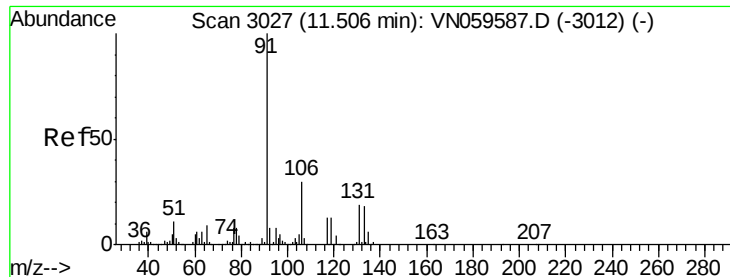


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 57.291 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 795119

Ion Ratio Lower Upper

91 100

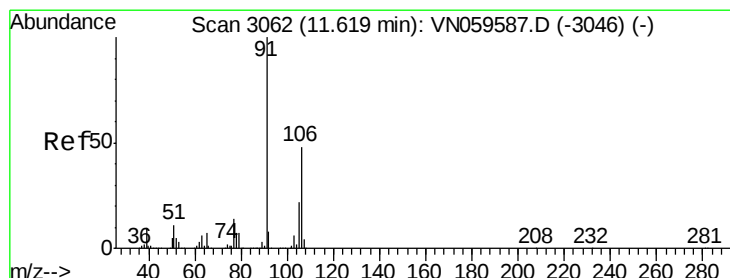
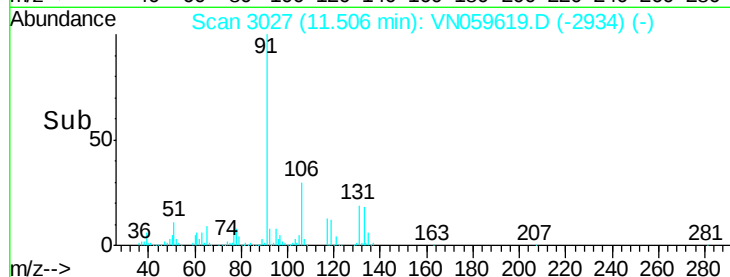
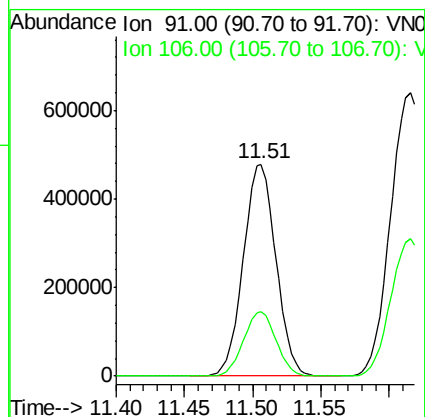
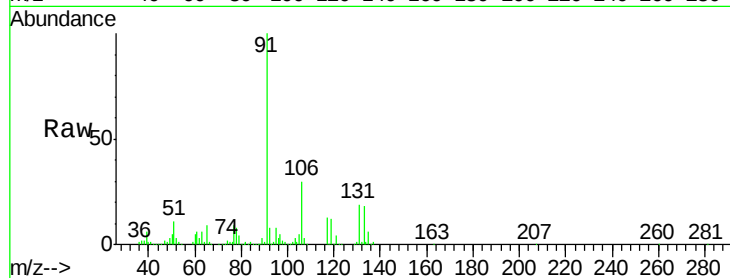
106 30.4 24.1 36.1

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#68

m/p-Xylenes

Concen: 115.603 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059619.D

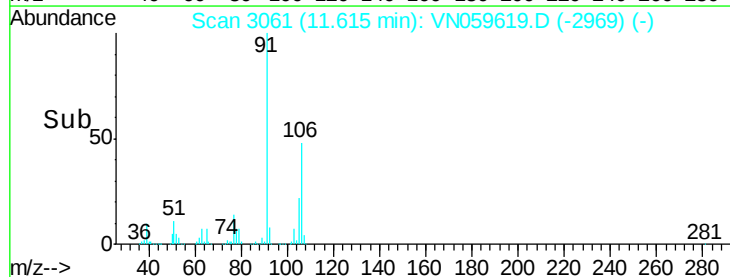
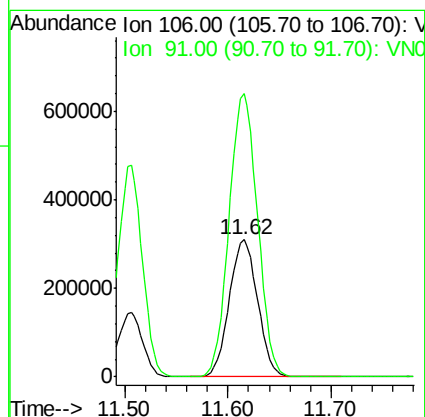
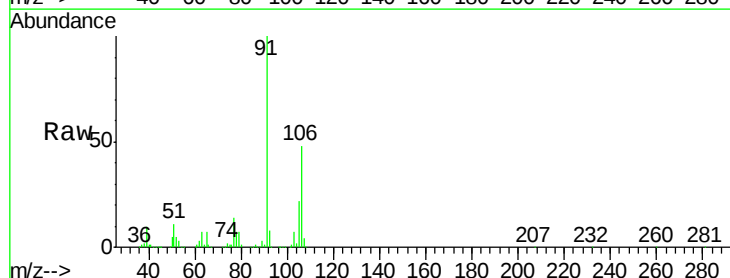
Acq: 17 Dec 2019 12:38

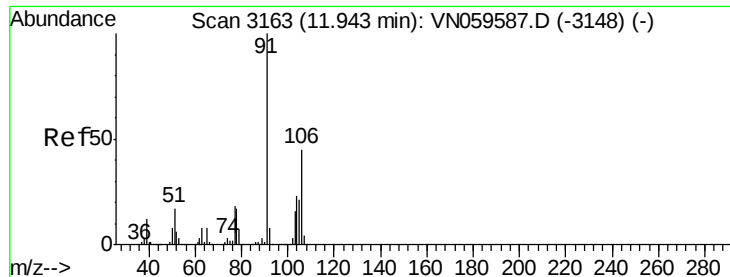
Tgt Ion: 106 Resp: 592458

Ion Ratio Lower Upper

106 100

91 208.1 167.9 251.9





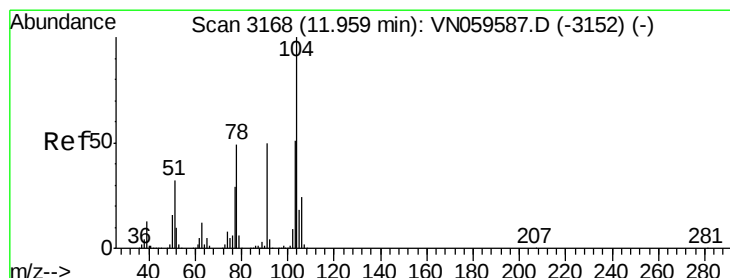
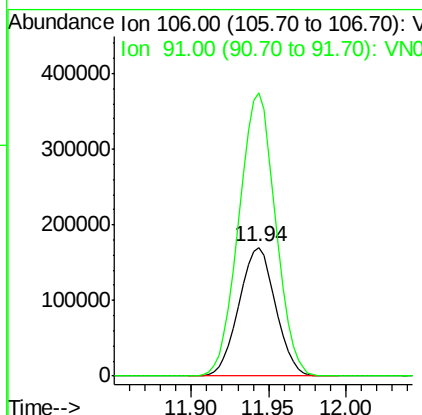
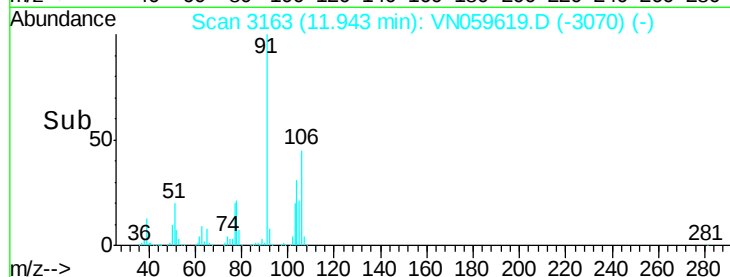
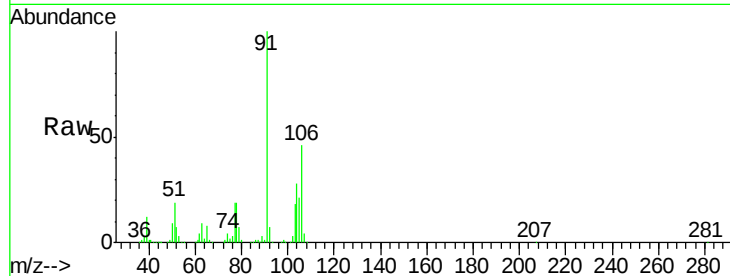
#69
o-Xylene
Concen: 57.746 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 281593
Ion Ratio Lower Upper
106 100
91 220.1 110.3 330.9

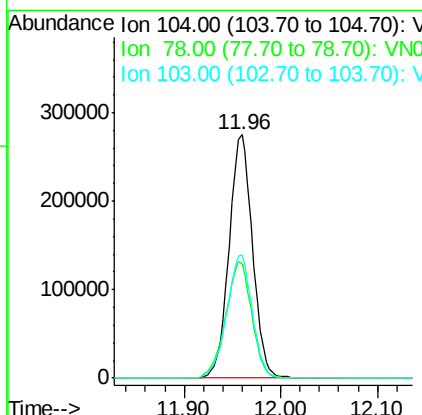
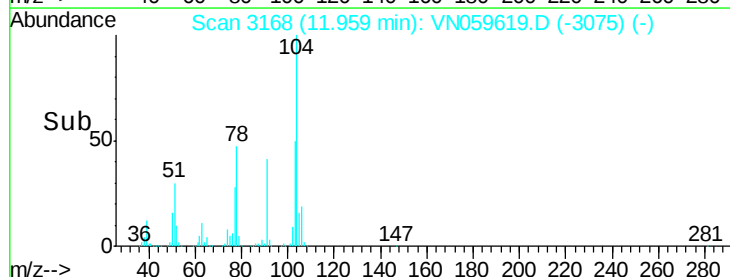
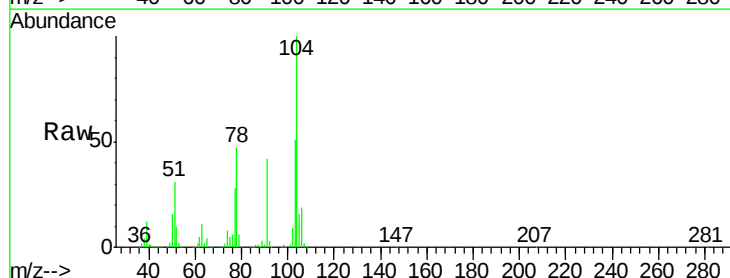
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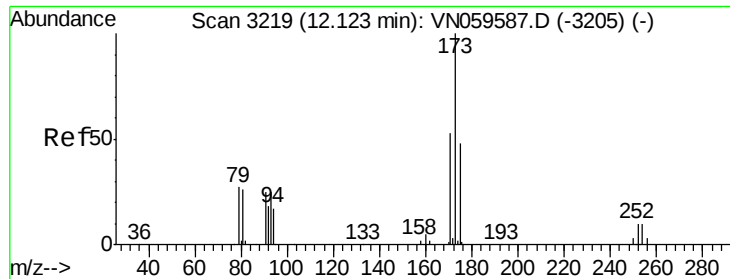
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#70
Styrene
Concen: 59.145 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion:104 Resp: 463390
Ion Ratio Lower Upper
104 100
78 53.0 42.4 63.6
103 55.0 43.9 65.9





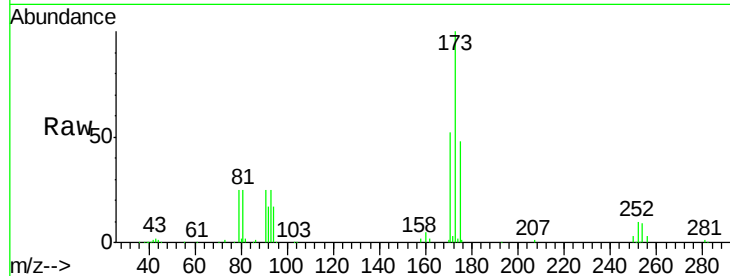
#71
Bromoform
Concen: 59.335 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.4
254	0.0	0.0	0.0

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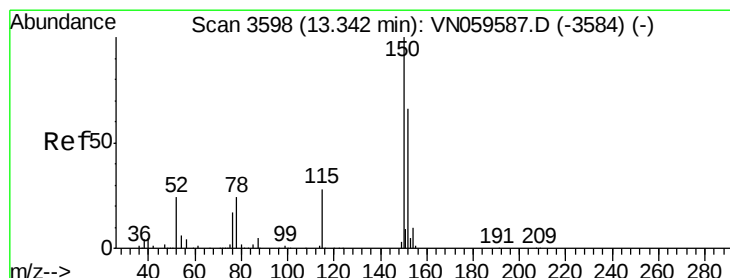
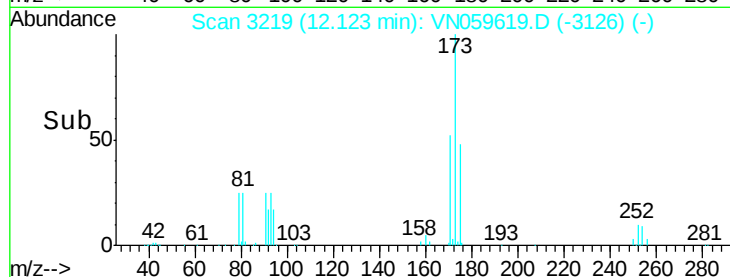
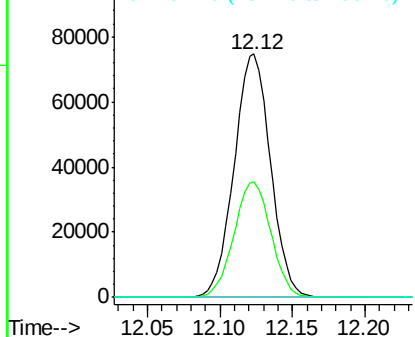


Abundance

Ion 172.70 (172.40 to 173.40): V

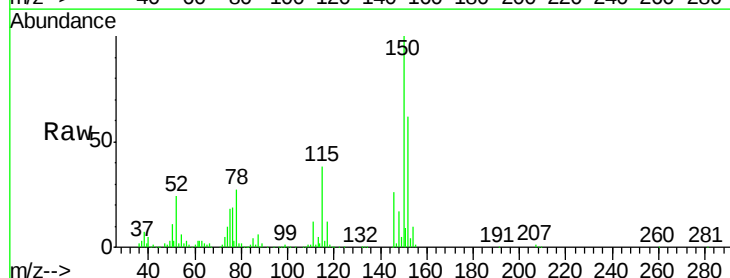
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.3	90.9
150	176.7	0.0	345.2

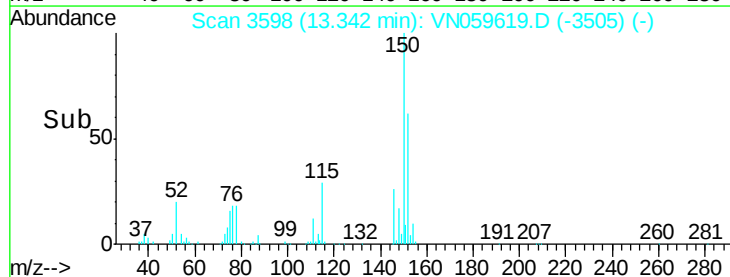
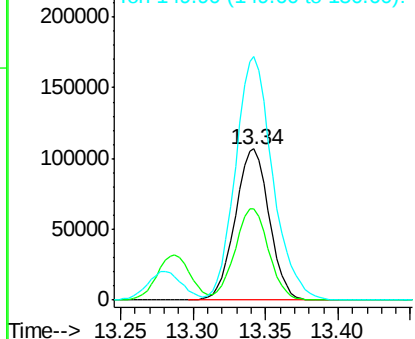


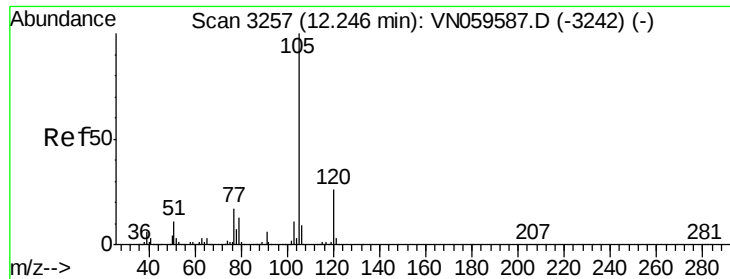
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.504 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 757262

Ion Ratio Lower Upper

105 100

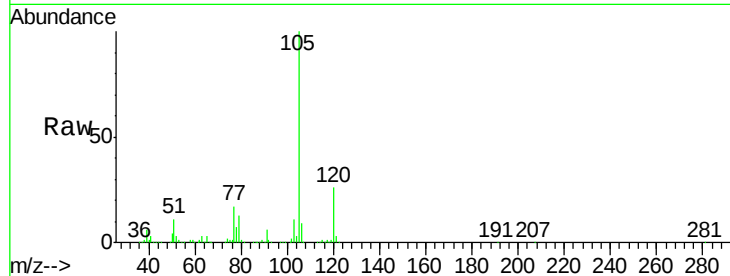
120 26.1 13.2 39.5

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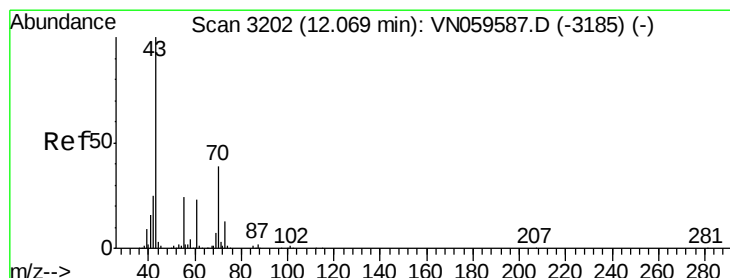
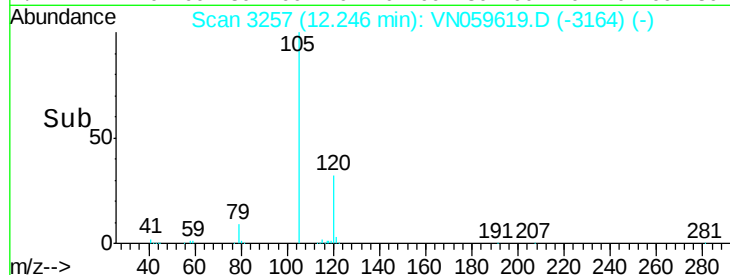
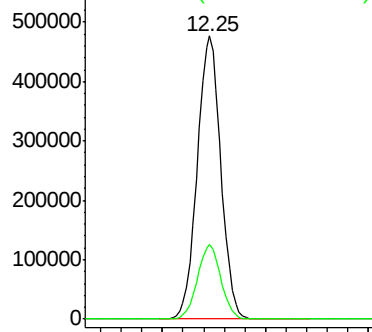
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.180 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion: 43 Resp: 357844

Ion Ratio Lower Upper

43 100

70 39.3 31.3 46.9

55 25.0 19.8 29.6

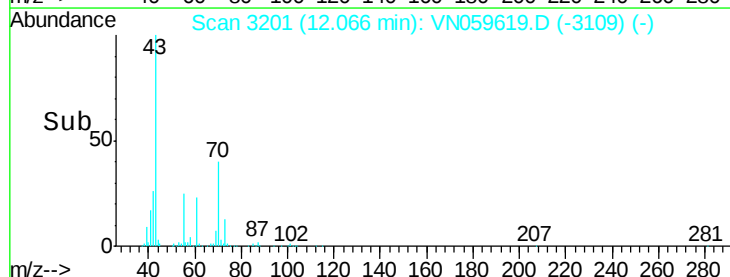
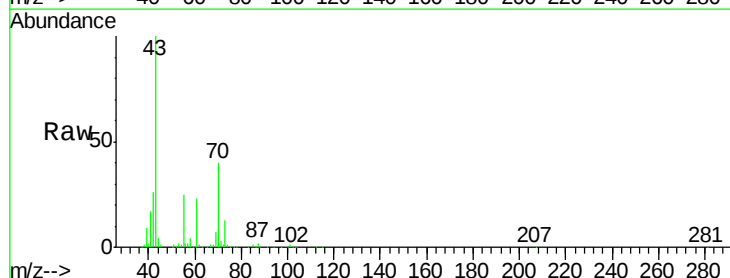
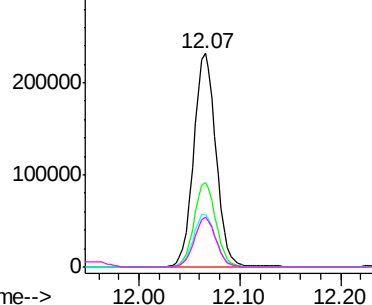
61 22.8 18.3 27.5

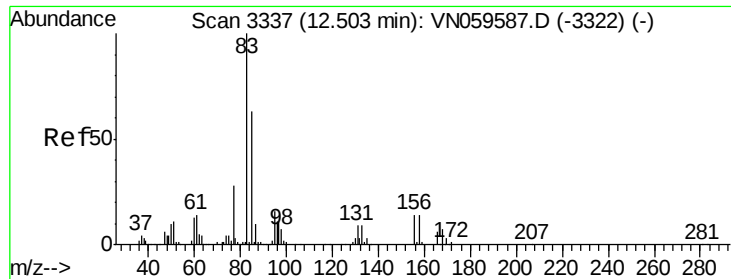
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.831 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

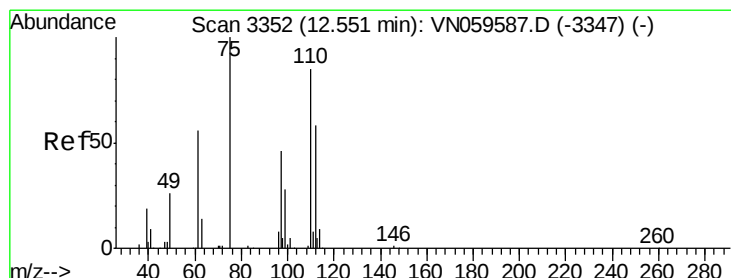
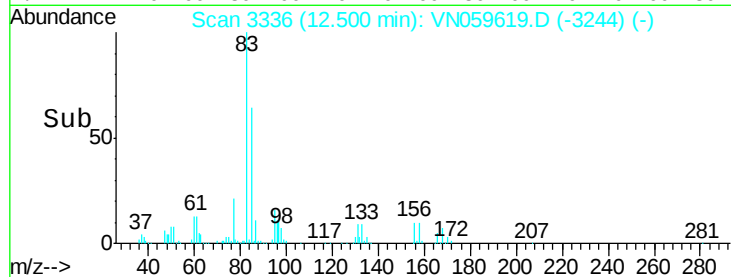
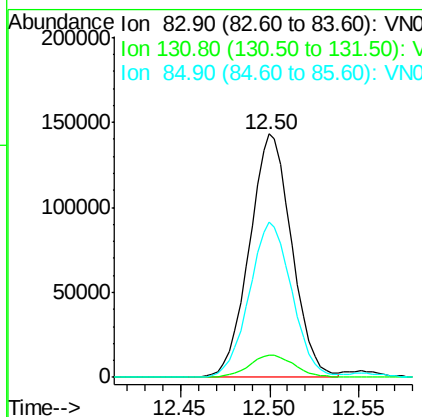
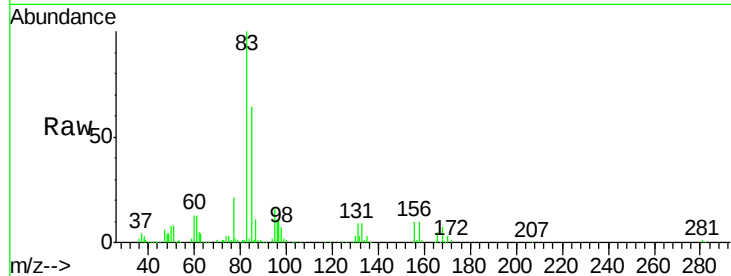
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	237298
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	64.1	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 52.240 ug/l m

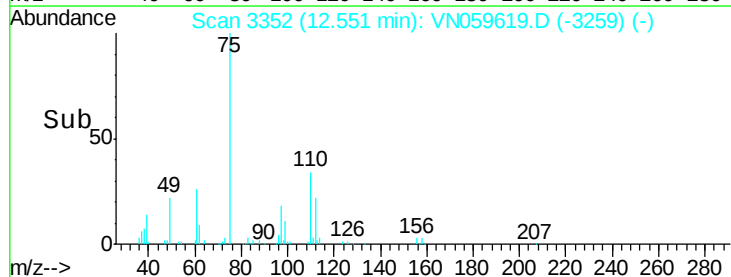
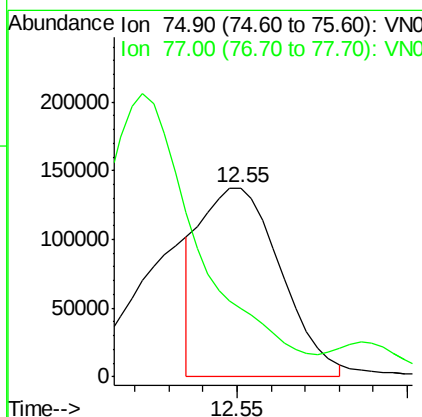
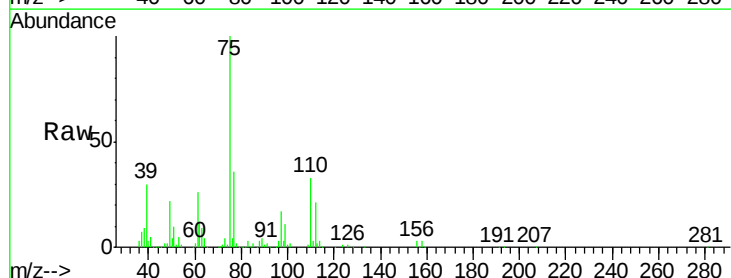
RT: 12.55 min Scan# 3352

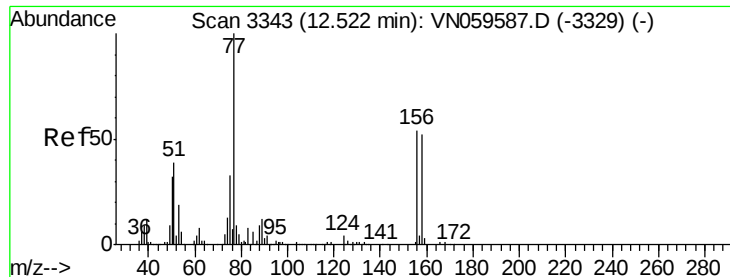
Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	75	Resp:	224763
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





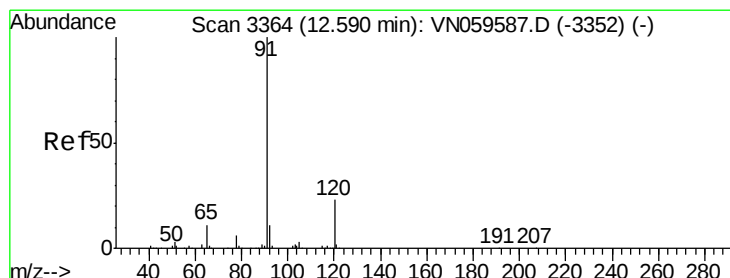
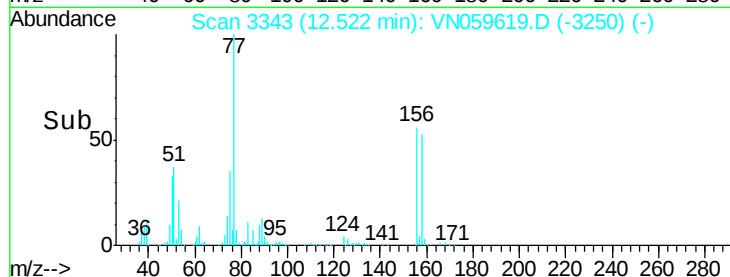
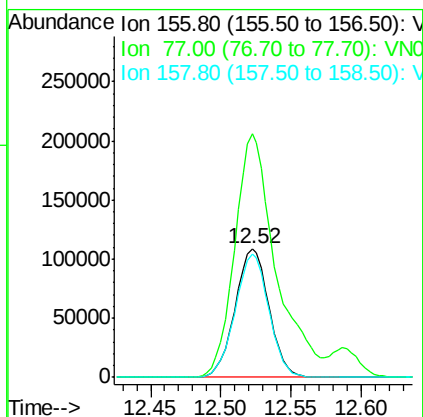
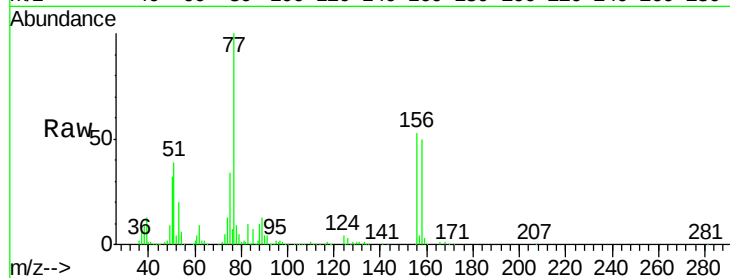
#77
Bromobenzene
Concen: 54.375 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	231.0	115.8	347.4
158	95.5	49.2	147.6

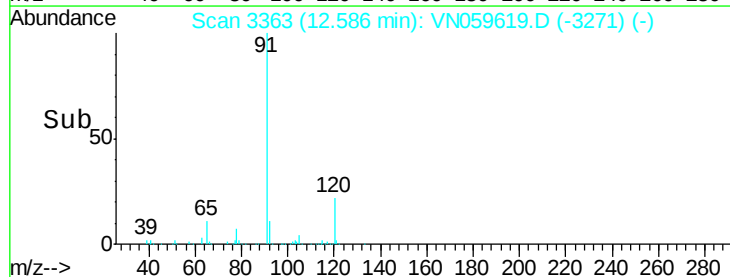
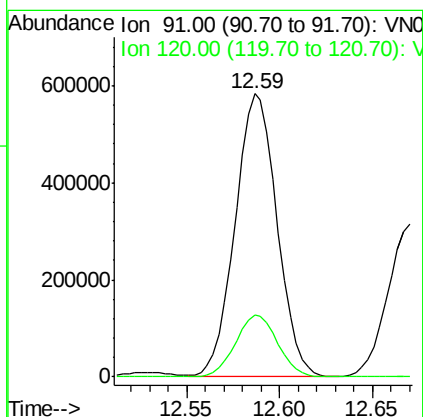
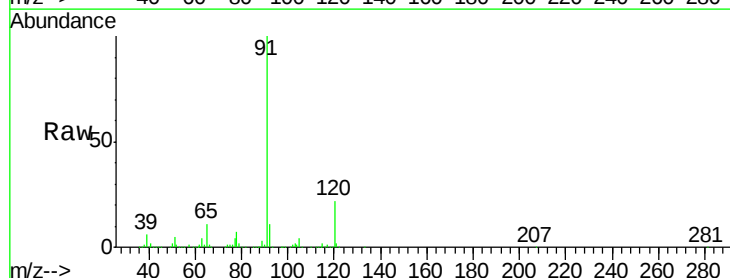
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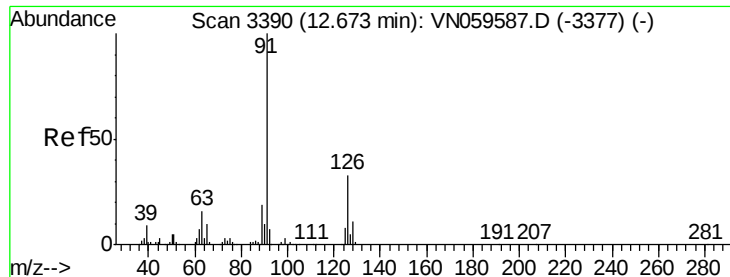
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#78
n-propylbenzene
Concen: 56.656 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





#79

2-Chlorotoluene

Concen: 54.292 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 529458

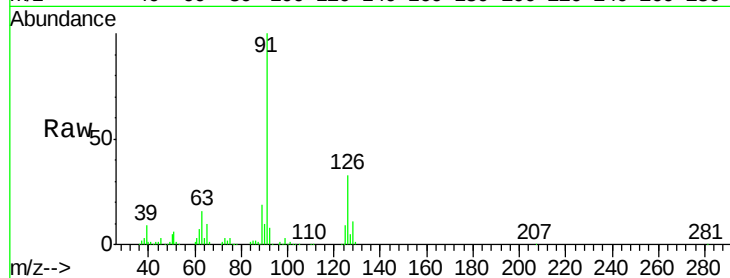
Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

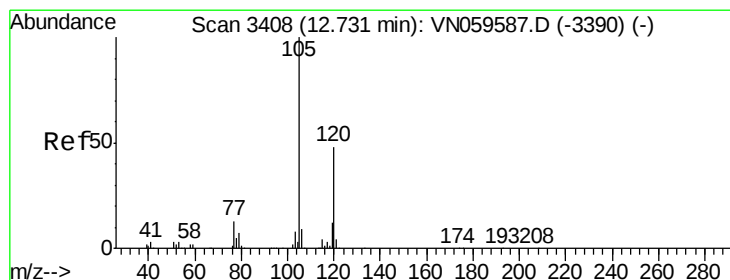
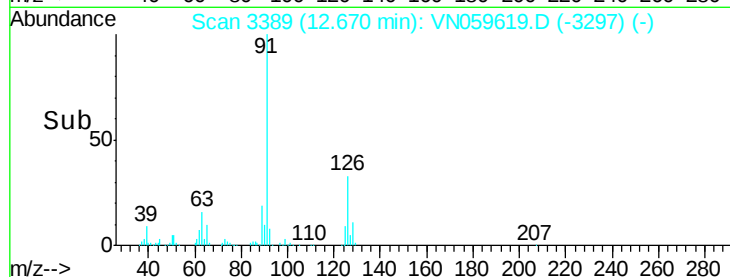
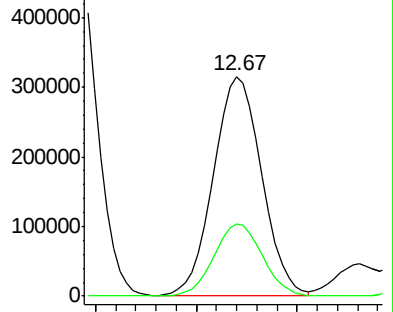
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Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 56.323 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059619.D

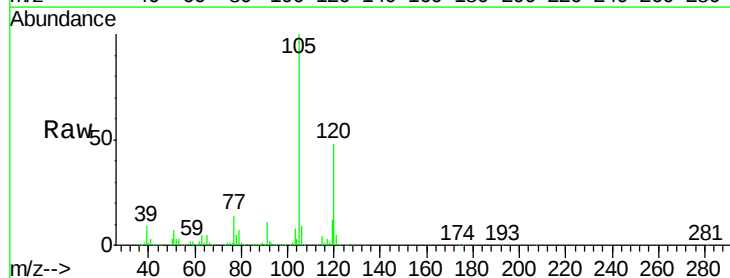
Acq: 17 Dec 2019 12:38

Tgt Ion: 105 Resp: 650282

Ion Ratio Lower Upper

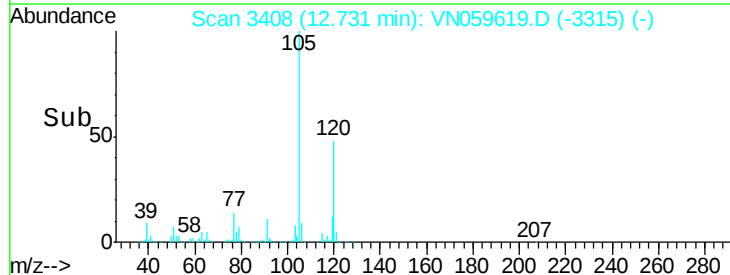
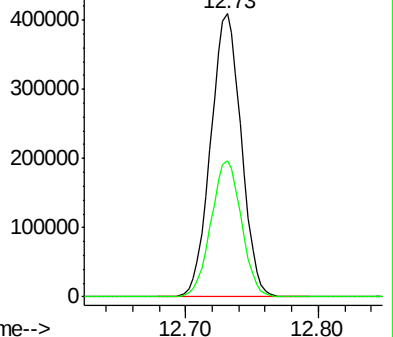
105 100

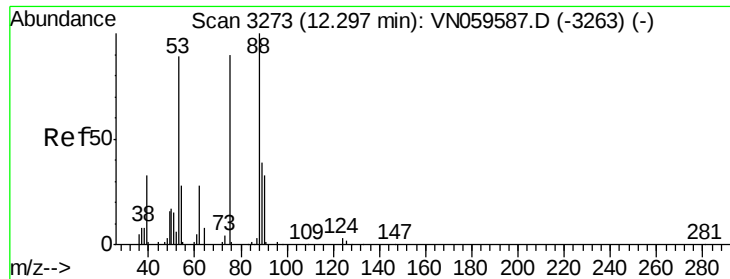
120 48.1 24.1 72.4



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

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





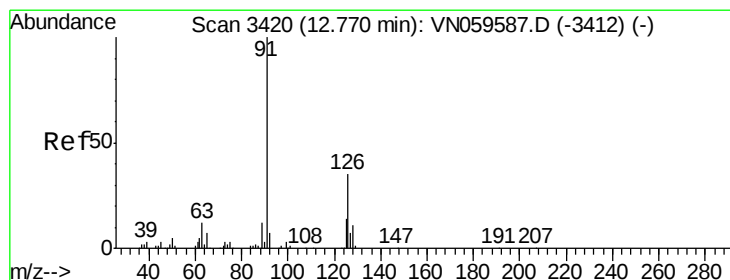
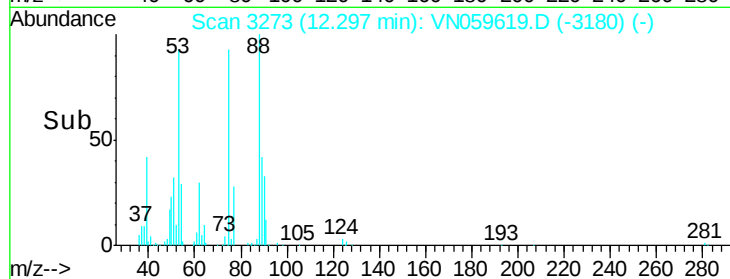
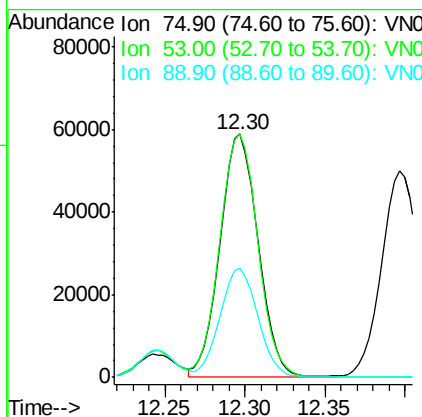
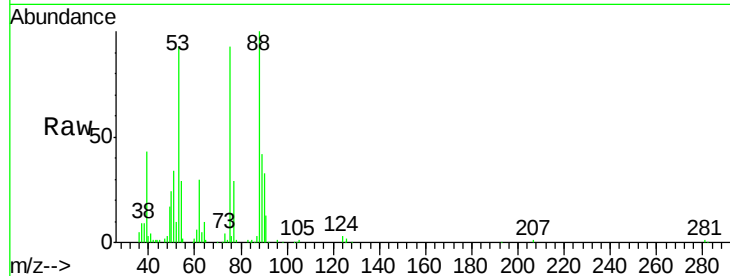
#81
trans-1,4-Dichloro-2-butene
Concen: 55.082 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	78.1	117.1
89	44.6	35.4	53.2

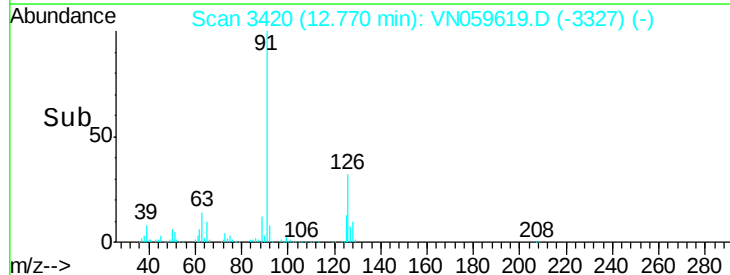
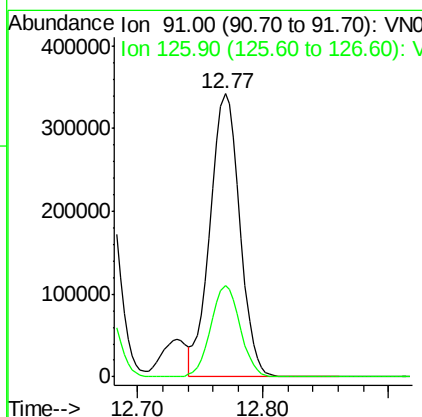
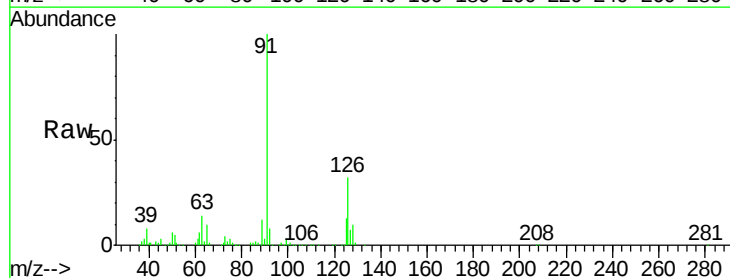
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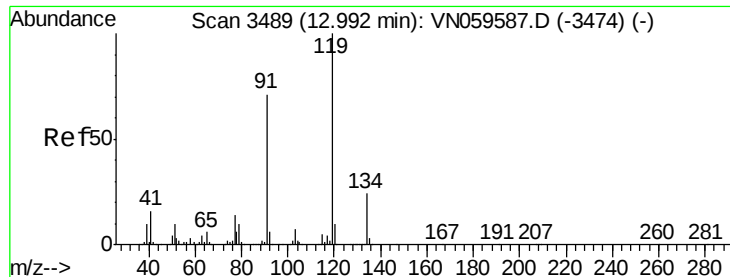
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#82
4-Chlorotoluene
Concen: 56.246 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.3	48.8





#83

tert-Butylbenzene

Concen: 55.388 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

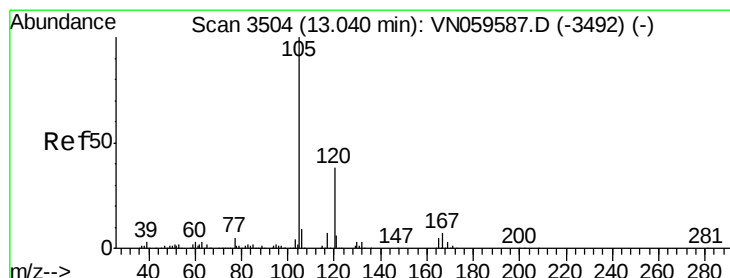
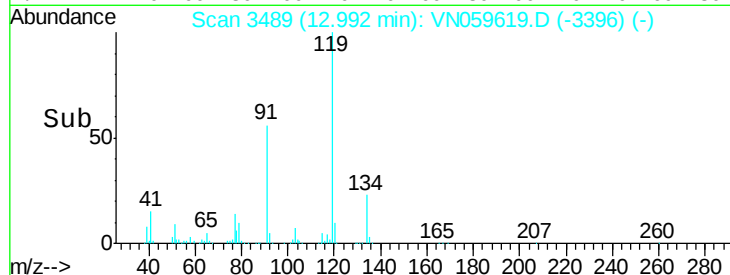
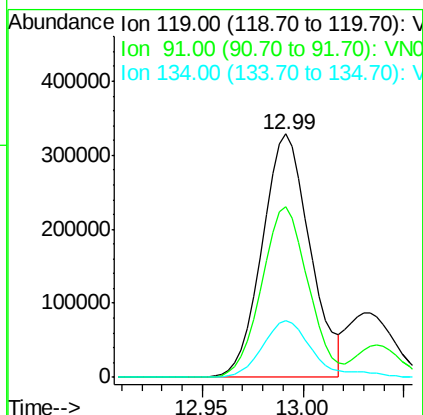
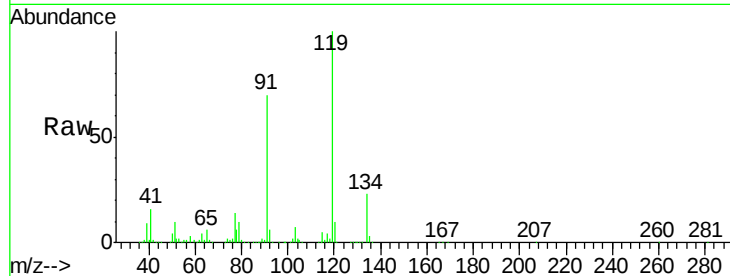
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	541558
Ion Ratio	Lower	Upper	
119	100		
91	68.6	34.8	104.4
134	24.8	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 56.852 ug/l

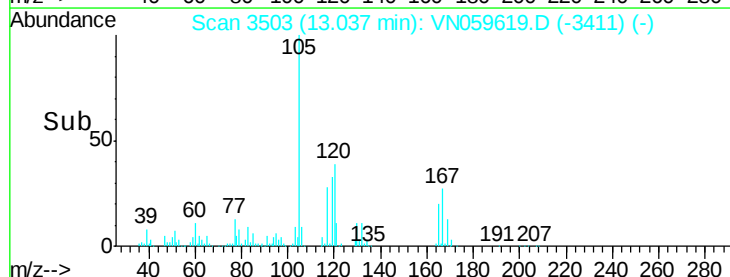
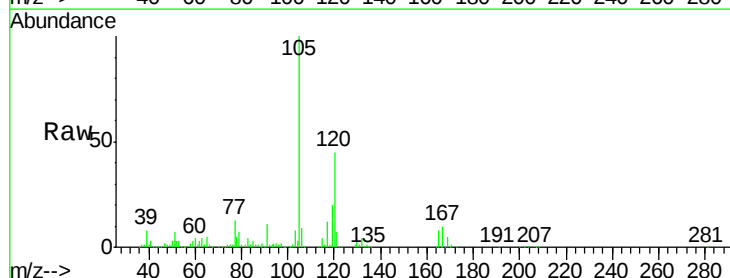
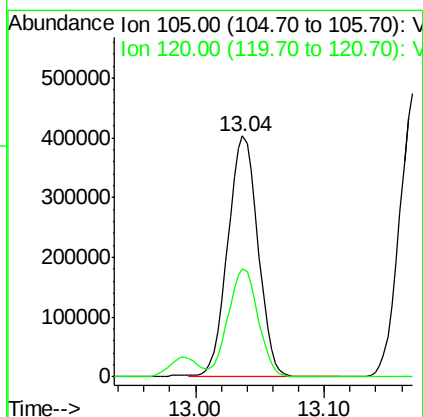
RT: 13.04 min Scan# 3503

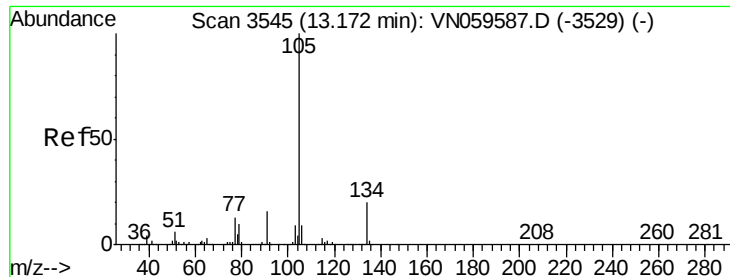
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	105	Resp:	652684
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 57.156 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 743378

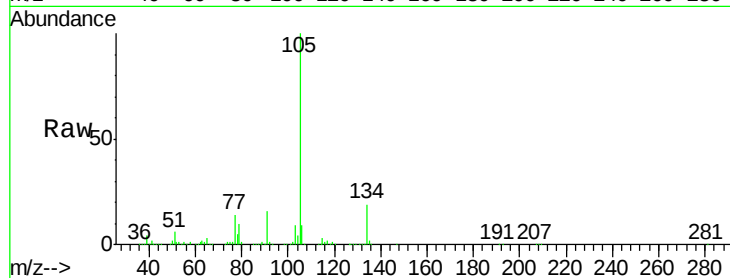
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5

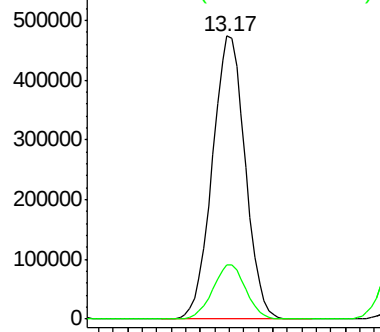
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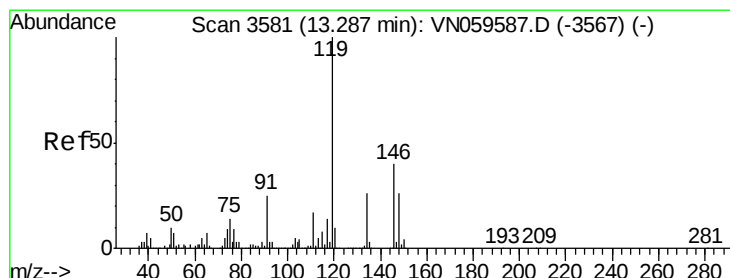
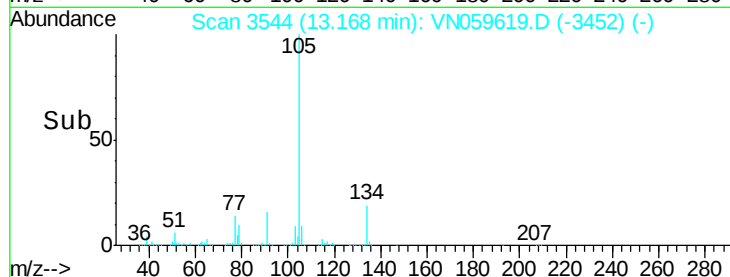


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 57.345 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

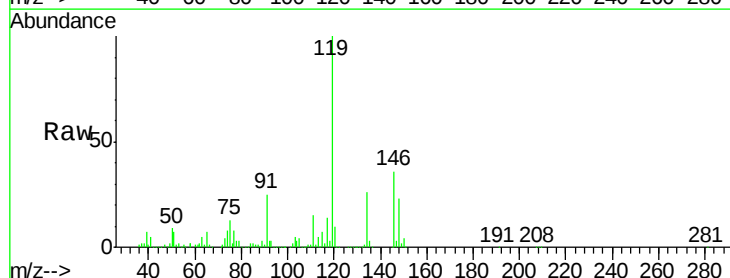
Tgt Ion:119 Resp: 675507

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

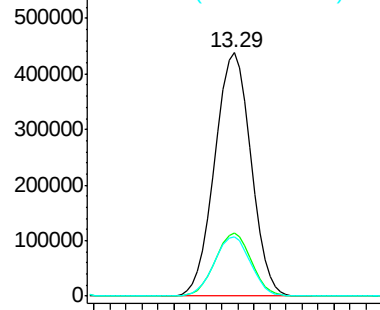
91 24.4 12.4 37.4



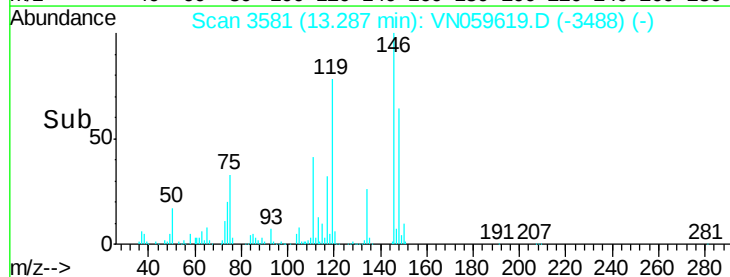
Abundance Ion 119.00 (118.70 to 119.70): V

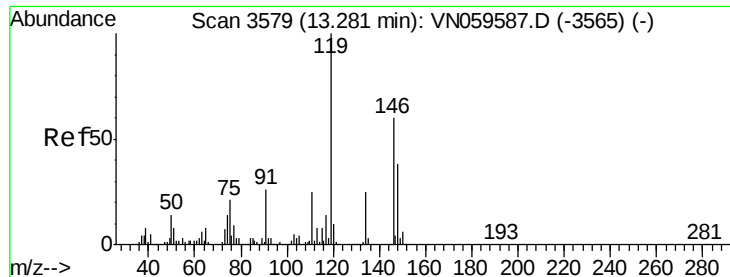
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 53.901 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

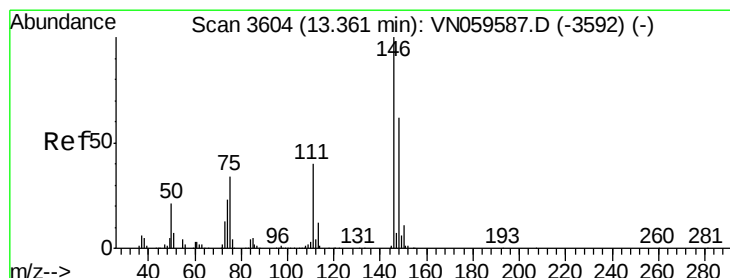
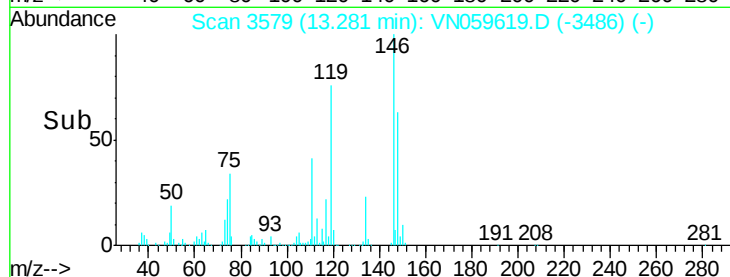
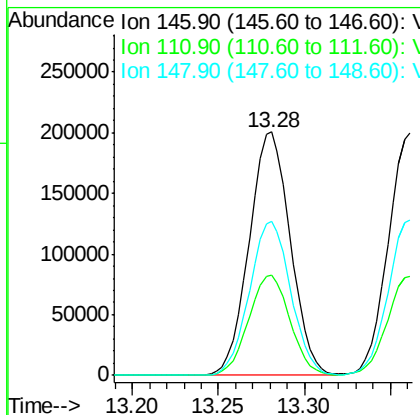
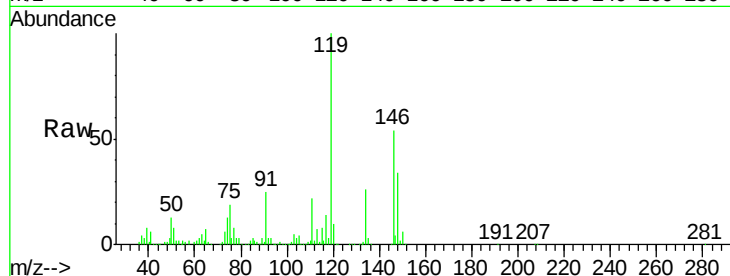
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	332551
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.8	62.2
148	63.5	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 52.553 ug/l

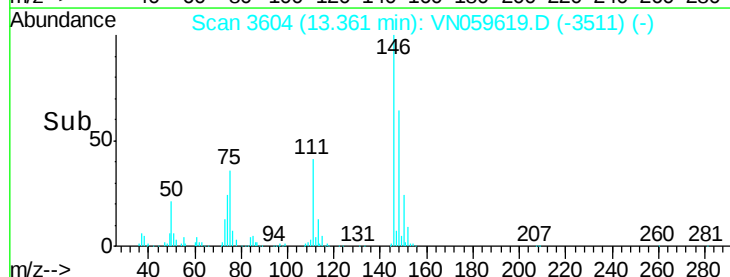
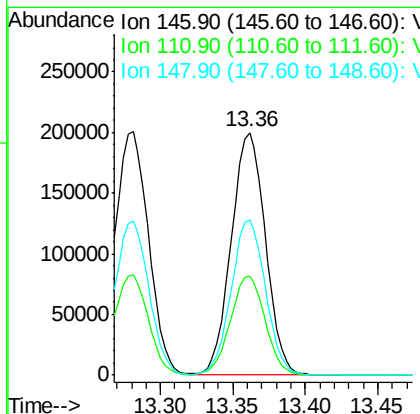
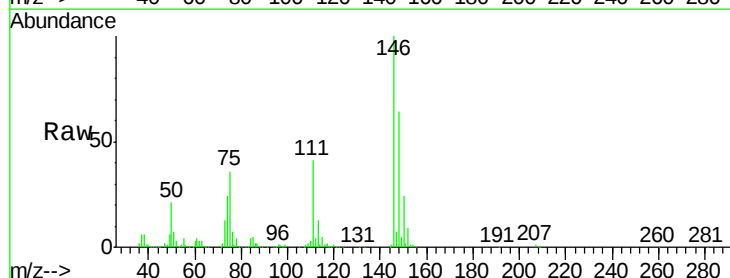
RT: 13.36 min Scan# 3604

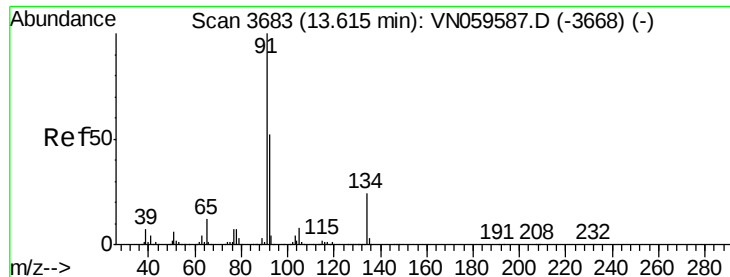
Delta R.T. 0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	146	Resp:	326900
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.8	62.2
148	64.0	31.8	95.4





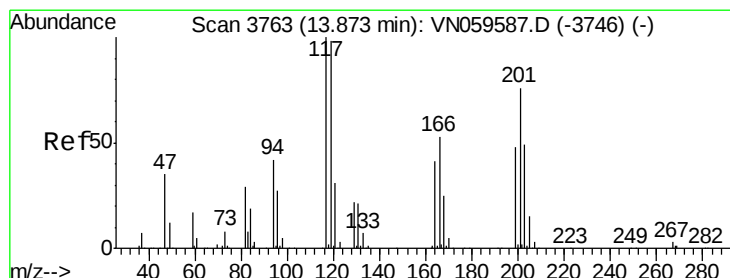
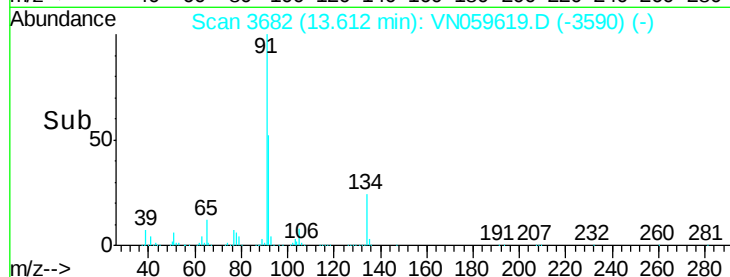
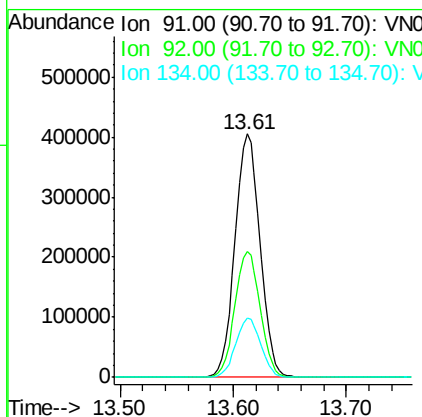
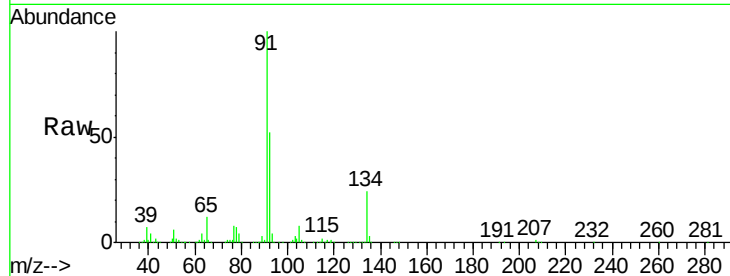
#89
n-Butylbenzene
Concen: 56.759 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	25.9	77.7
134	24.3	12.3	36.8

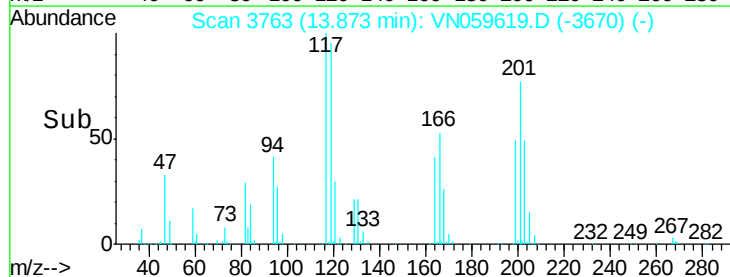
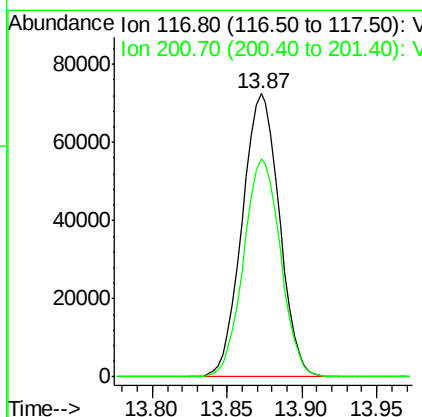
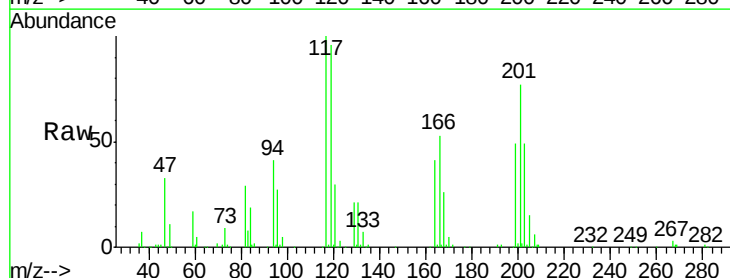
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#90
Hexachloroethane
Concen: 56.438 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 53.395 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Instrument :

MSVOA_N

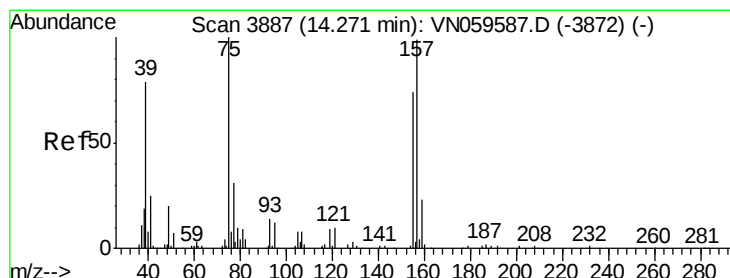
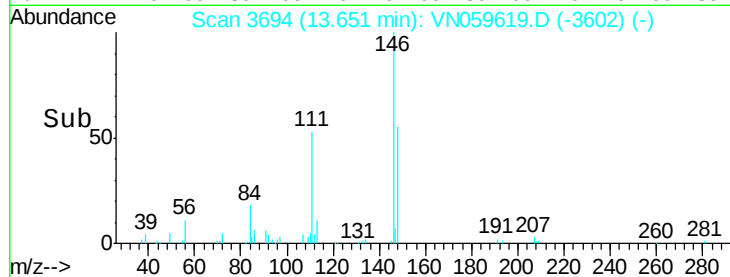
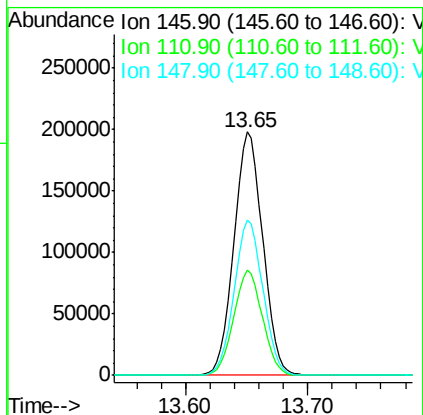
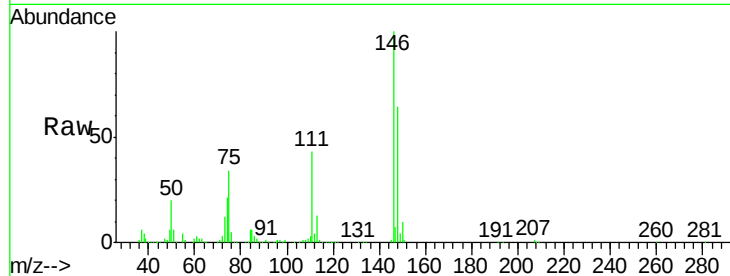
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	324885
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.6	64.8
148	63.5	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.059 ug/l

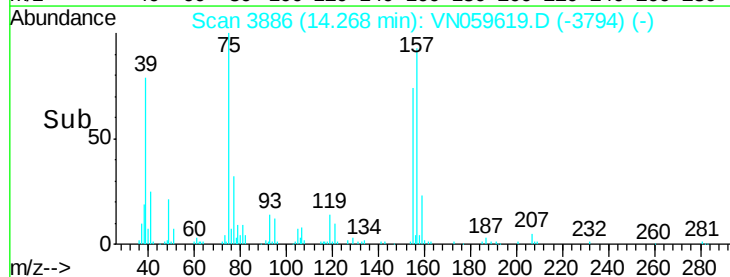
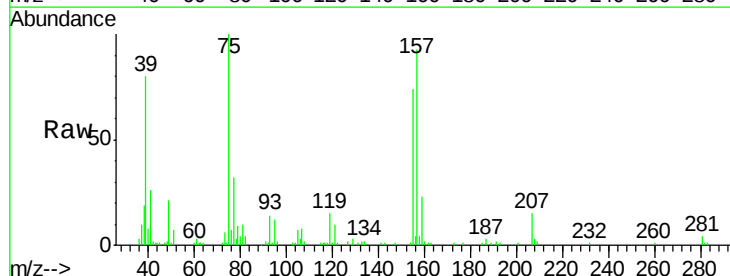
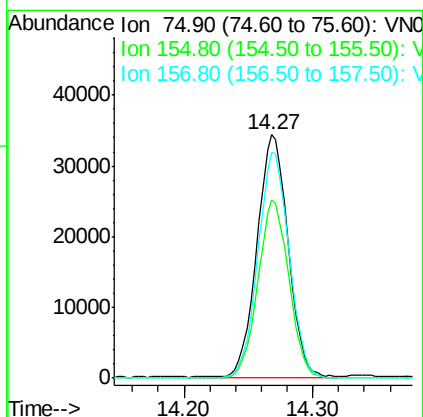
RT: 14.27 min Scan# 3886

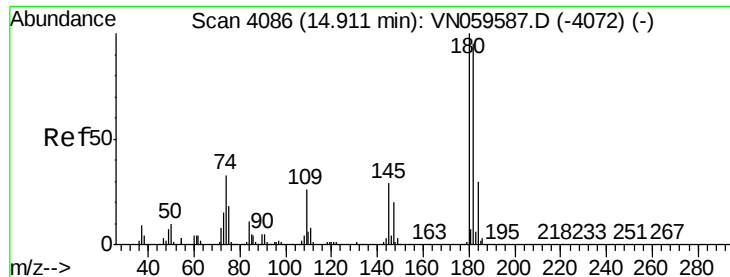
Delta R.T. -0.00 min

Lab File: VN059619.D

Acq: 17 Dec 2019 12:38

Tgt Ion:	75	Resp:	58744
Ion Ratio	Lower	Upper	
75	100		
155	71.6	37.0	110.9
157	91.6	48.4	145.2





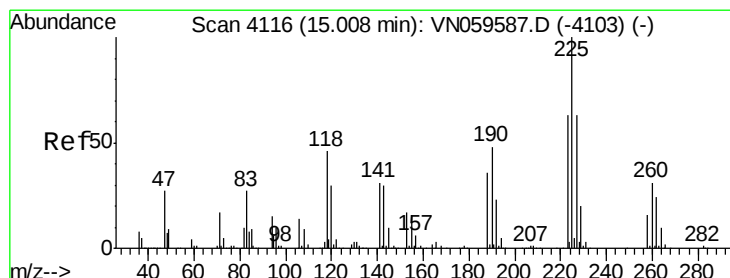
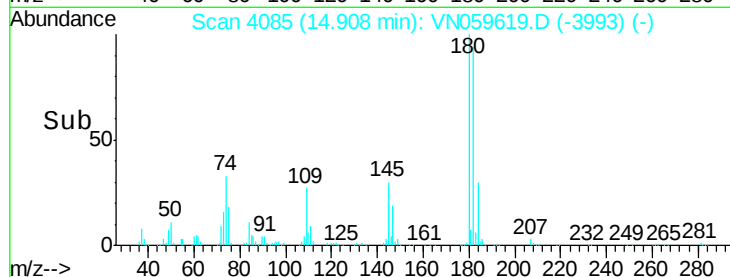
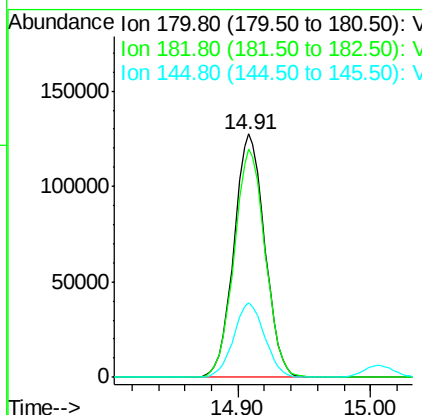
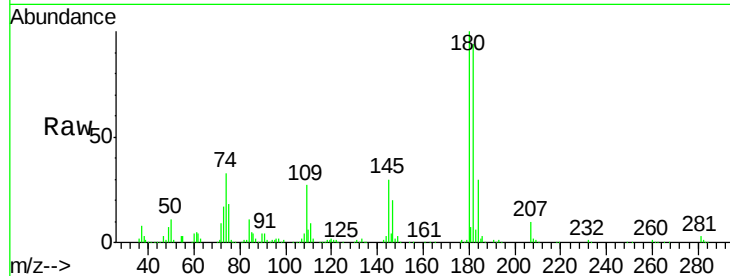
#93
 1,2,4-Trichlorobenzene
 Concen: 52.357 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	205711		
182	94.2	46.9	140.7	
145	30.8	15.0	45.1	

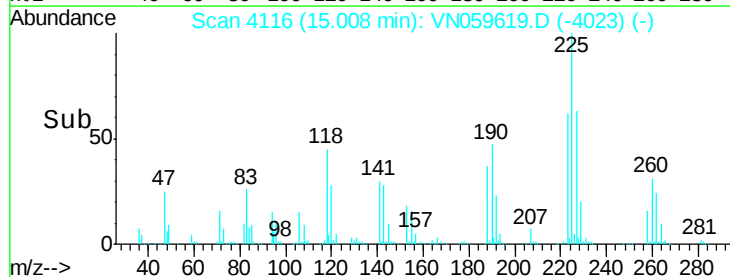
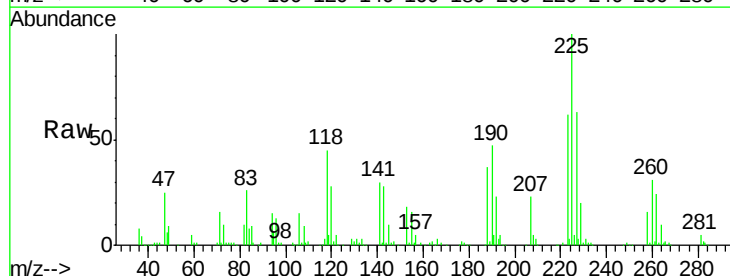
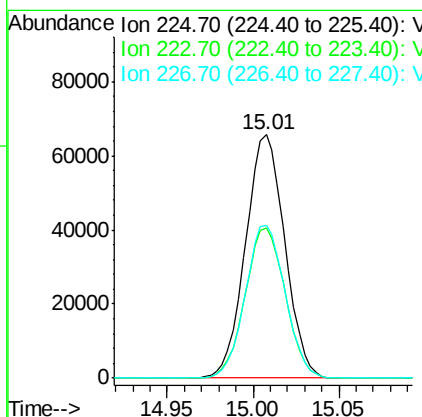
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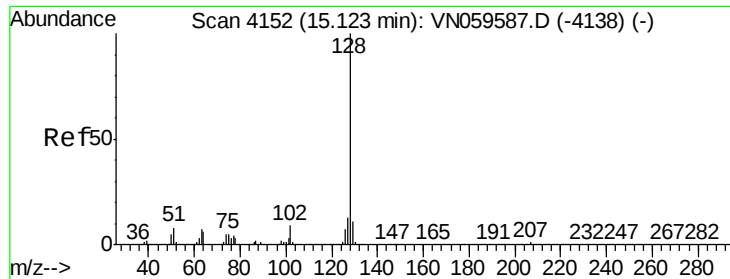
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#94
 Hexachlorobutadiene
 Concen: 50.776 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059619.D
 Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103961		
223	63.1	31.8	95.3	
227	63.7	32.1	96.5	





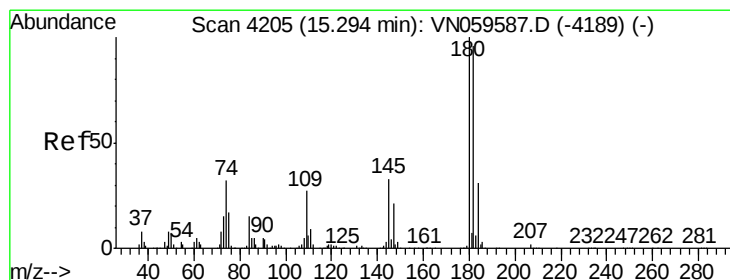
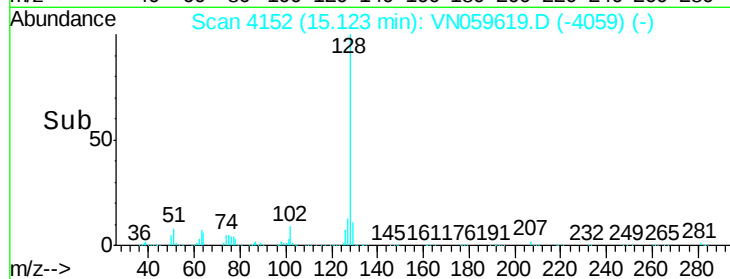
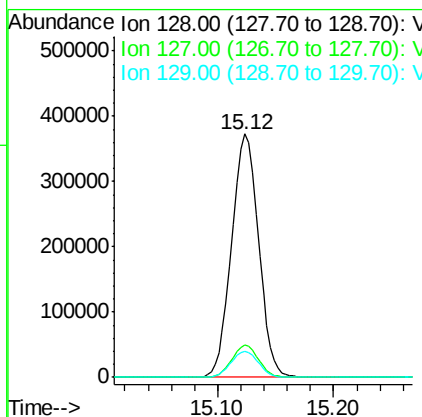
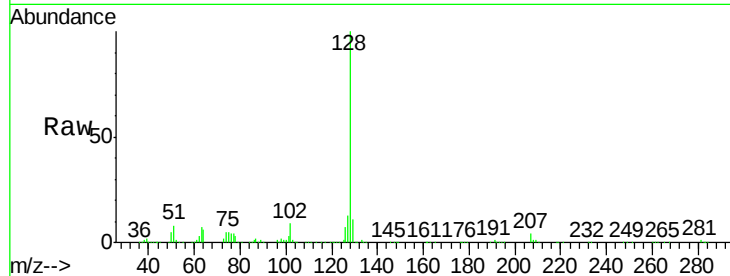
#95
Naphthalene
Concen: 51.059 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

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#96
1,2,3-Trichlorobenzene
Concen: 49.831 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059619.D
Acq: 17 Dec 2019 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.3
145	32.3	16.3	48.9

