

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059566.D
 Acq On : 11 Dec 2019 17:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/12/2019 9:25:40 AM

Quant Time: Dec 12 01:35:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	527580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	830477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	762997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	365810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	359077	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	
35) Dibromofluoromethane	7.57	113	257805	52.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.04%	
50) Toluene-d8	10.08	98	1041492	51.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	378109	50.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	154920	25.459	ug/l	99
3) Chloromethane	2.04	50	247719	26.893	ug/l	99
4) Vinyl Chloride	2.17	62	248178	27.334	ug/l	99
5) Bromomethane	2.54	94	140995	25.495	ug/l	100
6) Chloroethane	2.68	64	144250	26.606	ug/l	96
7) Trichlorofluoromethane	3.00	101	303579	27.970	ug/l	100
8) Diethyl Ether	3.38	74	90702	24.385	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	146892	26.005	ug/l	100
10) Methyl Iodide	3.92	142	187388	24.500	ug/l	99
11) Tert butyl alcohol	4.76	59	165583	135.739	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	137552	25.050	ug/l	96
13) Acrolein	3.58	56	82193	138.460	ug/l	100
14) Allyl chloride	4.29	41	279702	26.479	ug/l	99
15) Acrylonitrile	4.95	53	437278	135.913	ug/l	99
16) Acetone	3.79	43	473748	137.537	ug/l	100
17) Carbon Disulfide	4.02	76	433451	24.628	ug/l	100
18) Methyl Acetate	4.29	43	232709	25.732	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	510852	27.987	ug/l	99
20) Methylene Chloride	4.52	84	160375	25.704	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	157851	26.783	ug/l	97
22) Diisopropyl ether	5.92	45	563091	28.002	ug/l	97
23) Vinyl Acetate	5.86	43	2434201	145.114	ug/l	100
24) 1,1-Dichloroethane	5.82	63	310929	27.233	ug/l	99
25) 2-Butanone	6.81	43	661631	142.703	ug/l	99
26) 2,2-Dichloropropane	6.80	77	285062	27.637	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	180592	27.243	ug/l	100
28) Bromochloromethane	7.17	49	113268	27.477	ug/l	98
29) Tetrahydrofuran	7.18	42	427121	132.440	ug/l	99
30) Chloroform	7.35	83	311159	27.614	ug/l	99
31) Cyclohexane	7.63	56	287558	25.881	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	273487	27.359	ug/l	100
36) 1,1-Dichloropropene	7.77	75	240175	28.188	ug/l	100
37) Ethyl Acetate	6.90	43	263332	27.226	ug/l	99
38) Carbon Tetrachloride	7.75	117	237349	28.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	275033	28.777	ug/l	99
40) Benzene	8.02	78	677133	27.819	ug/l	99
41) Methacrylonitrile	7.15	41	117026m	28.263	ug/l	
42) 1,2-Dichloroethane	8.10	62	261734	28.861	ug/l	100
43) Isopropyl Acetate	8.14	43	420643	28.600	ug/l	99
44) Trichloroethene	8.82	130	174776	28.423	ug/l	98
45) 1,2-Dichloropropane	9.10	63	186568	28.934	ug/l	100
46) Dibromomethane	9.19	93	118971	27.919	ug/l	99
47) Bromodichloromethane	9.39	83	248104	29.295	ug/l	99
48) Methyl methacrylate	9.18	41	194926	30.310	ug/l	98
49) 1,4-Dioxane	9.19	88	52694	640.410	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1306654	139.463	ug/l	100
52) Toluene	10.14	92	422671	29.144	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	285463	28.929	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	298573	29.564	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	164175	27.990	ug/l	99
56) Ethyl methacrylate	10.42	69	260718	26.833	ug/l	99
57) 1,3-Dichloropropane	10.70	76	290790	29.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	284088	118.229	ug/l	99
59) 2-Hexanone	10.74	43	989834	139.659	ug/l	100
60) Dibromochloromethane	10.90	129	183868	26.763	ug/l	100
61) 1,2-Dibromoethane	11.00	107	173063	28.343	ug/l	99
64) Tetrachloroethene	10.62	164	154265	27.664	ug/l	99
65) Chlorobenzene	11.43	112	439628	27.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	167345	28.065	ug/l	100
67) Ethyl Benzene	11.51	91	820098	28.506	ug/l	100
68) m/p-Xylenes	11.62	106	601242	55.711	ug/l	96
69) o-Xylene	11.94	106	286000	28.472	ug/l	96
70) Styrene	11.96	104	472091	28.368	ug/l	98
71) Bromoform	12.12	173	131623	28.055	ug/l #	100
73) Isopropylbenzene	12.25	105	775361	28.257	ug/l	100
74) N-amyl acetate	12.07	43	359223	30.054	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	245589	26.413	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	262759m	28.088	ug/l	
77) Bromobenzene	12.52	156	181727	26.602	ug/l	93
78) n-propylbenzene	12.59	91	939174	27.853	ug/l	99
79) 2-Chlorotoluene	12.67	91	543160	27.014	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	658120	27.969	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	95507	27.469	ug/l	89
82) 4-Chlorotoluene	12.77	91	568259	27.640	ug/l	99
83) tert-Butylbenzene	12.99	119	548761	27.967	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	656019	28.235	ug/l	99
85) sec-Butylbenzene	13.17	105	760625	28.222	ug/l	99
86) p-Isopropyltoluene	13.29	119	690100	28.648	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	335973	26.702	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	330713	26.843	ug/l	98
89) n-Butylbenzene	13.62	91	658884	29.130	ug/l	98
90) Hexachloroethane	13.87	117	129381	29.246	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	322612	27.322	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	55275	26.927	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	210400	25.763	ug/l	99
94) Hexachlorobutadiene	15.01	225	108456	25.994	ug/l	99
95) Naphthalene	15.13	128	608800	25.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	202027	26.582	ug/l	99

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

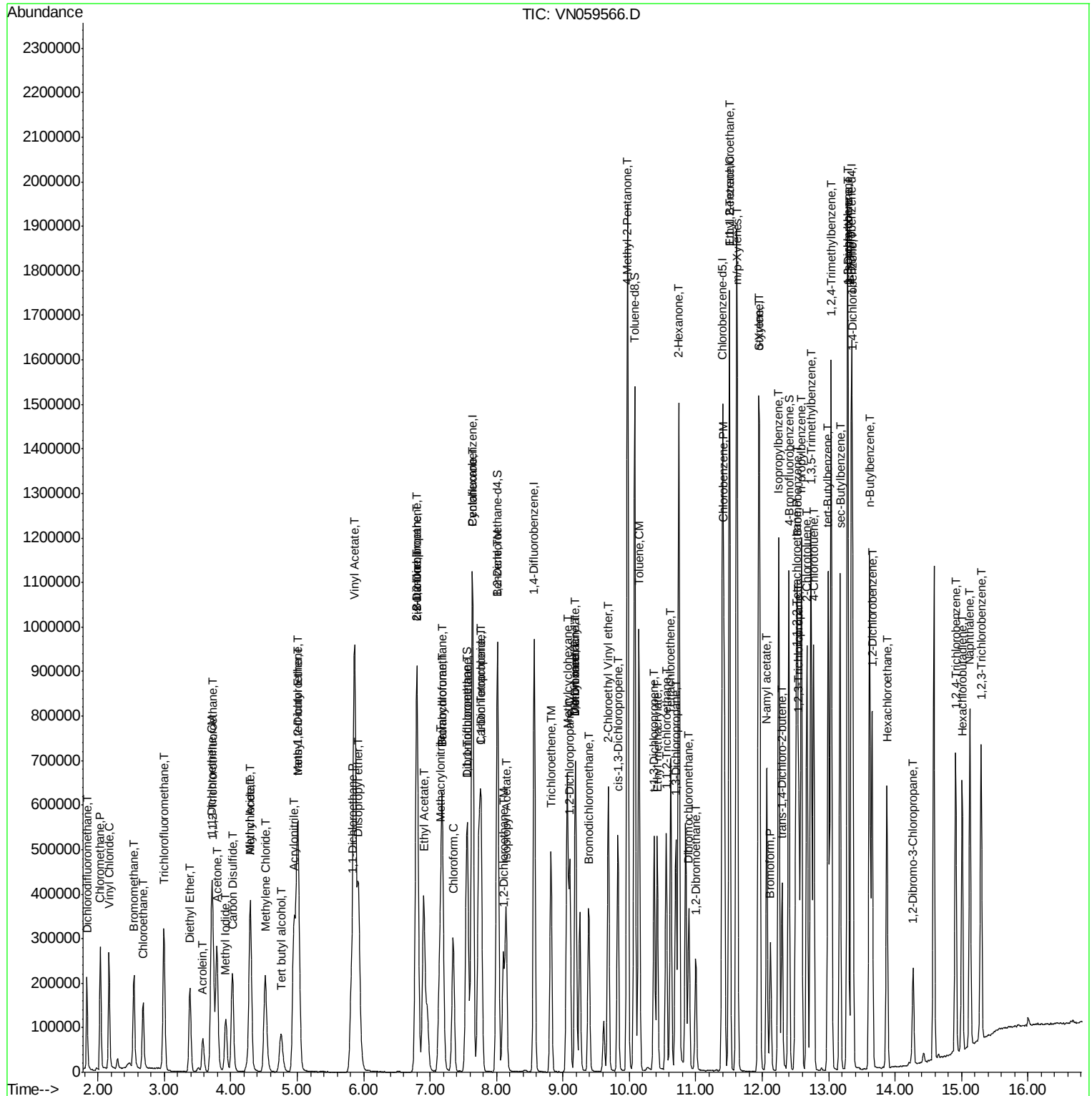
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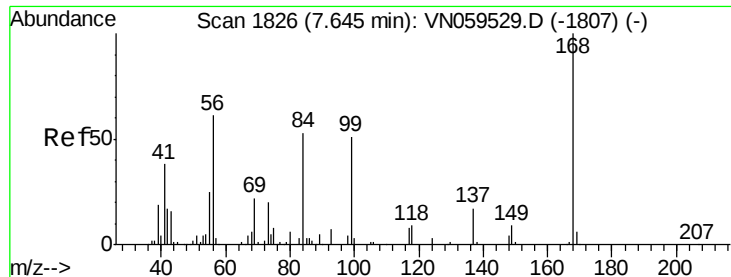
Instrument :
MSVOA_N
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 527580

Ion Ratio Lower Upper

168 100

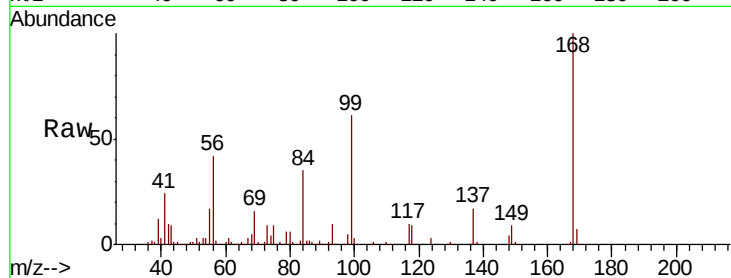
99 60.5 46.6 70.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

250000

200000

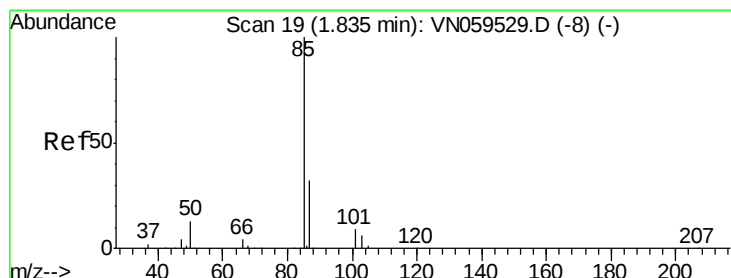
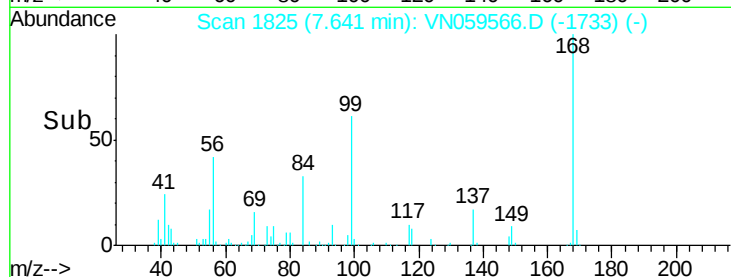
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 25.459 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059566.D

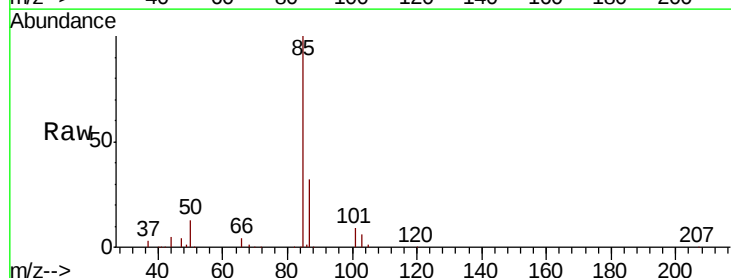
Acq: 11 Dec 2019 17:03

Tgt Ion: 85 Resp: 154920

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

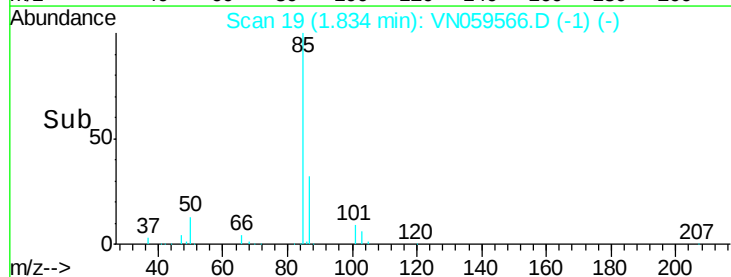
1.83

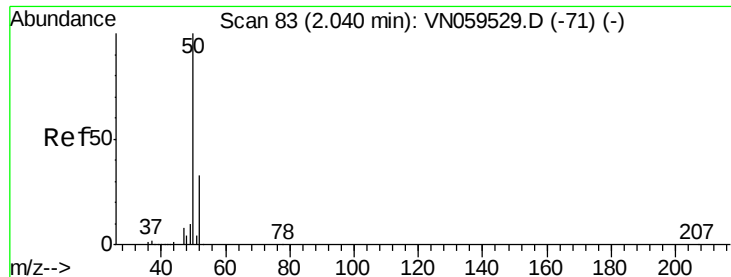
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 26.893 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 247719

Ion Ratio Lower Upper

50 100

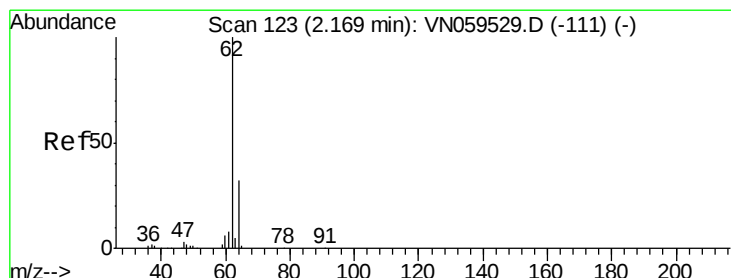
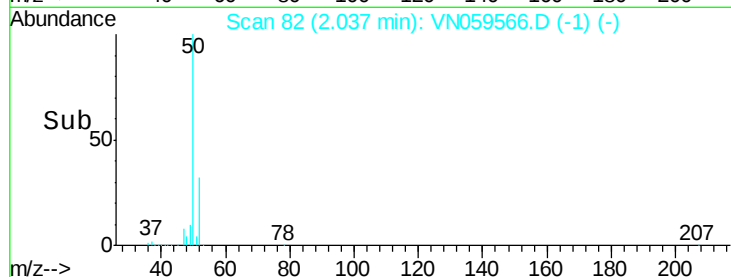
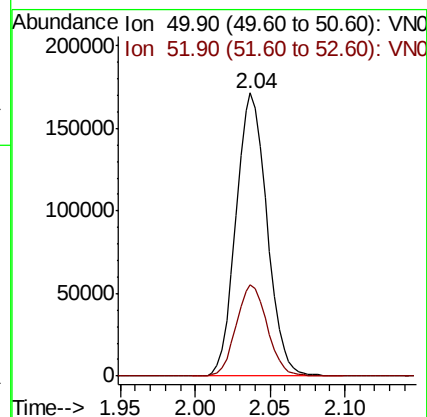
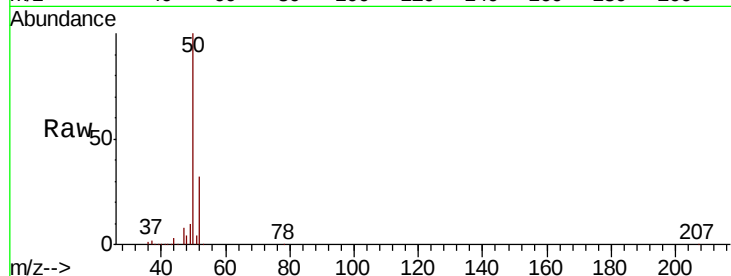
52 32.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 27.334 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059566.D

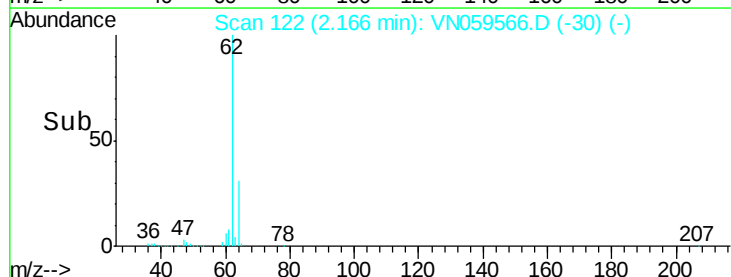
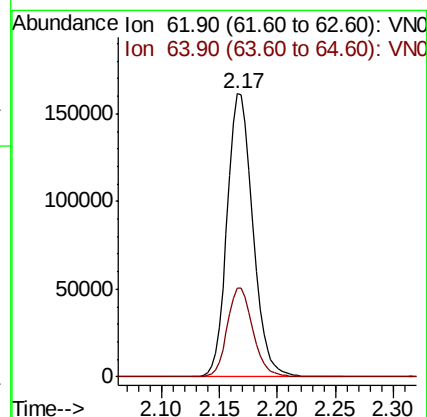
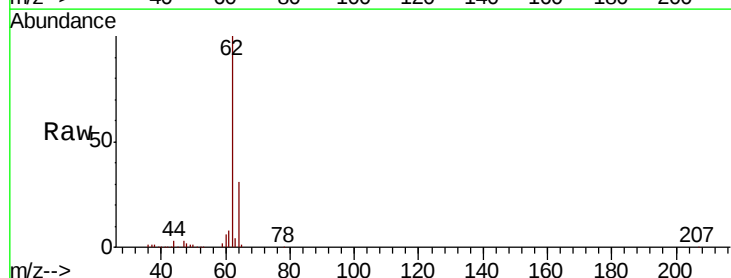
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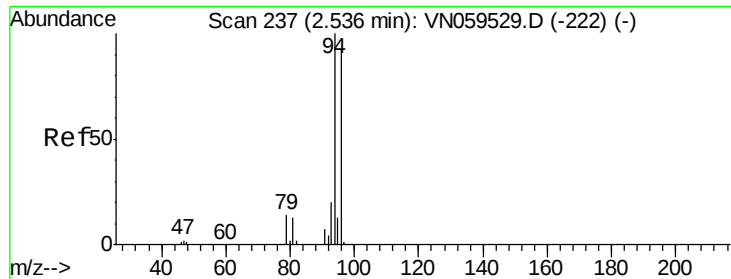
Tgt Ion: 62 Resp: 248178

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 25.495 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 140995

Ion Ratio Lower Upper

94 100

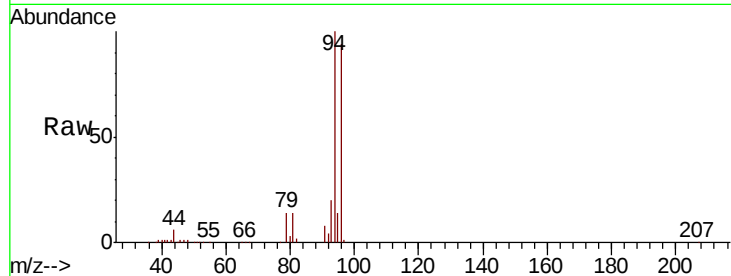
96 93.5 74.6 112.0

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Abundance Ion 93.90 (93.60 to 94.60): VN059529.D (-222) (-)

Ion 95.90 (95.60 to 96.60): VN059529.D (-222) (-)

2.54

80000

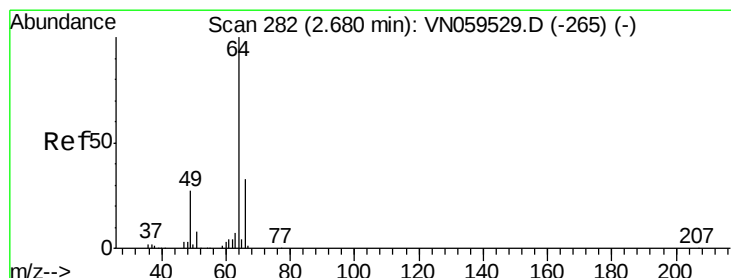
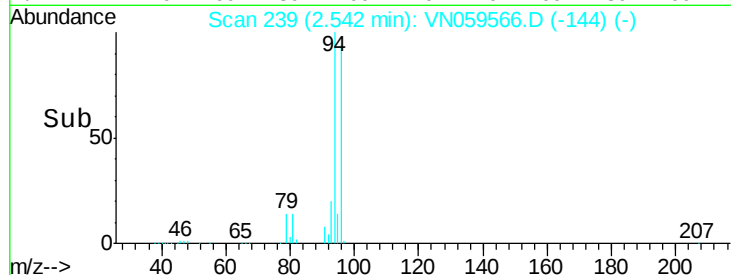
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 26.606 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059566.D

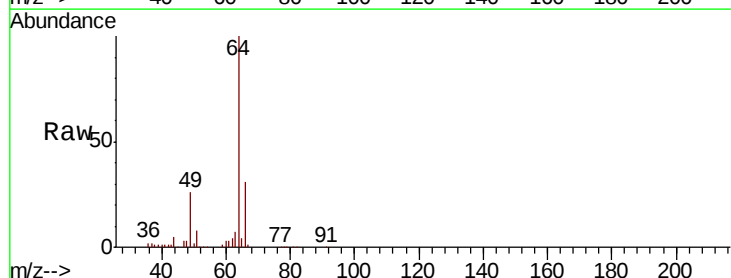
Acq: 11 Dec 2019 17:03

Tgt Ion: 64 Resp: 144250

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VN059529.D (-265) (-)

Ion 65.90 (65.60 to 66.60): VN059529.D (-265) (-)

2.68

80000

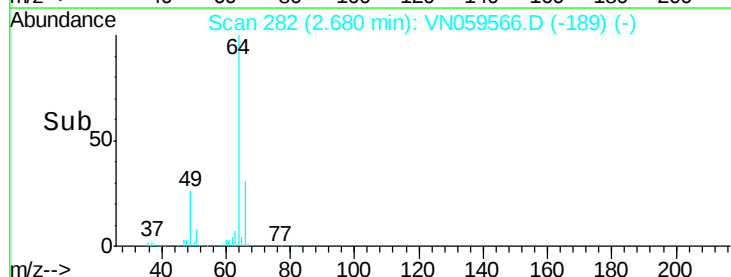
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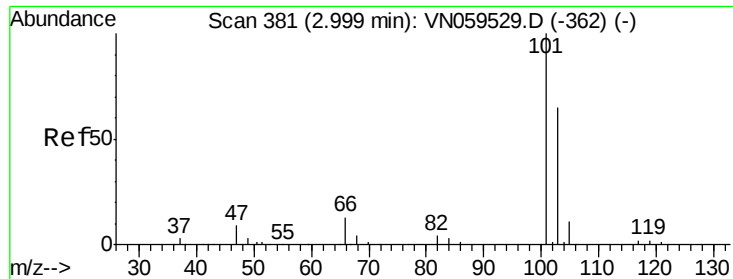
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Time-->





#7

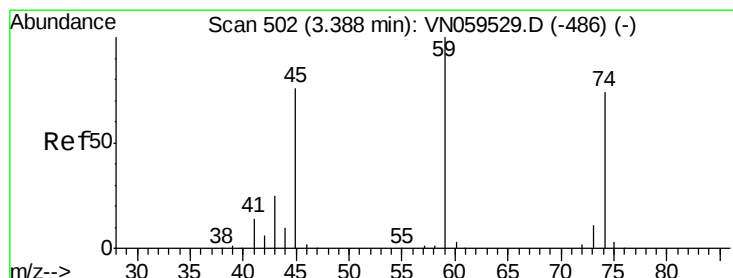
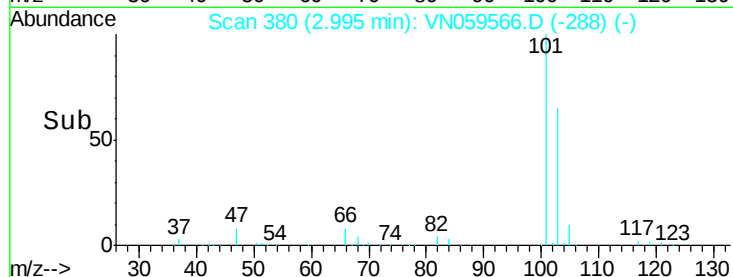
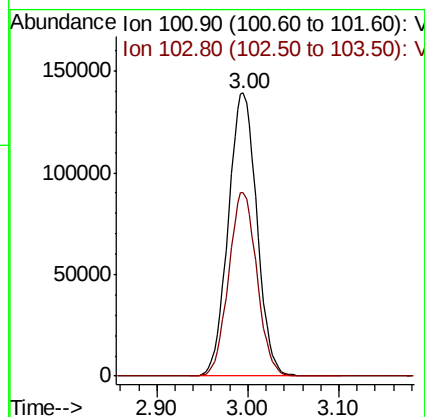
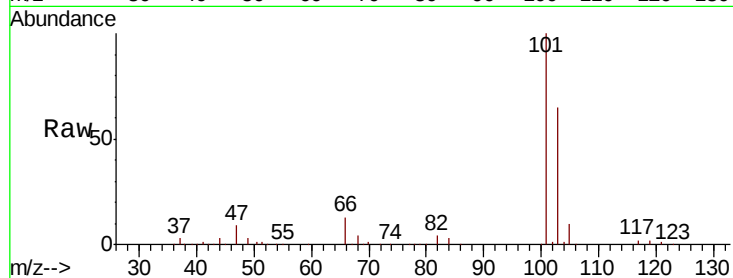
Trichlorofluoromethane
Concen: 27.970 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.4

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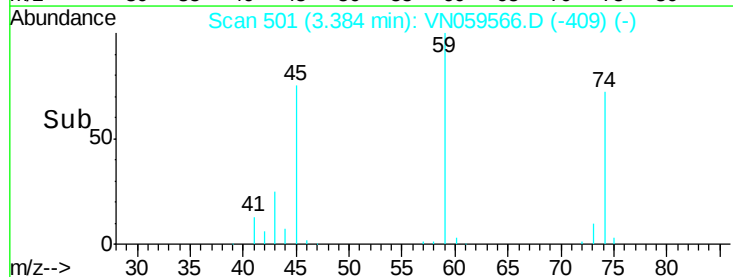
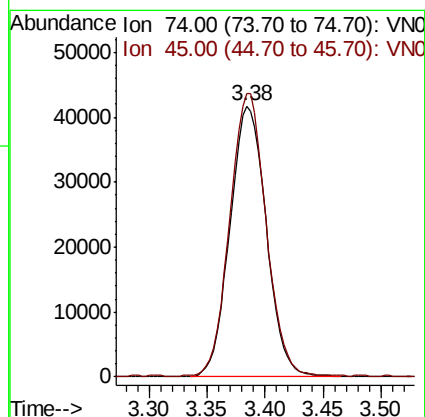
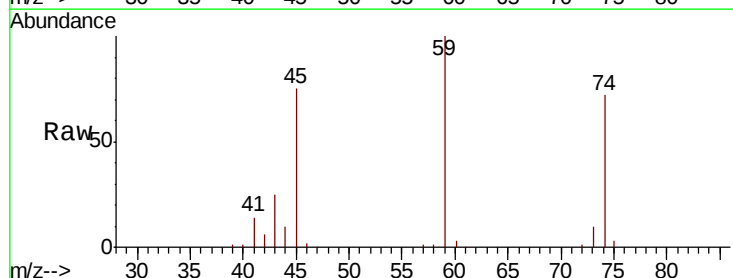
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12/12/2019 9:25:40 AM

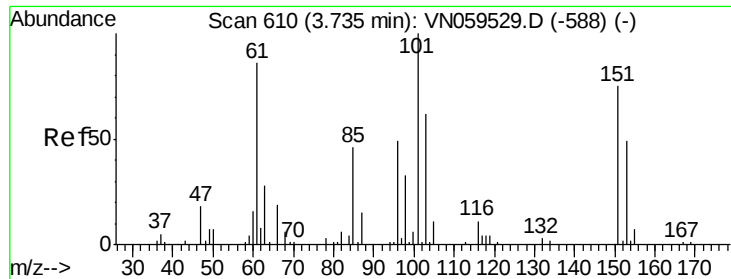


#8

Diethyl Ether
Concen: 24.385 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.8	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.005 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

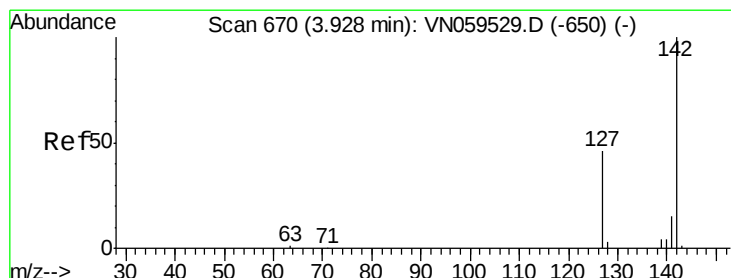
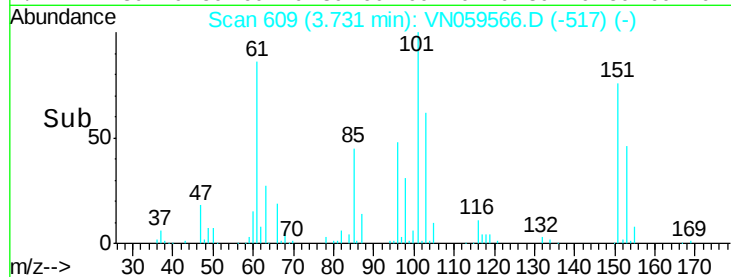
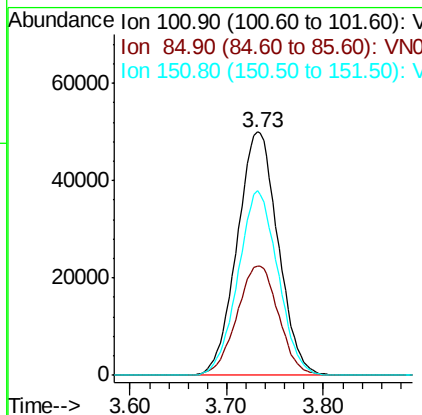
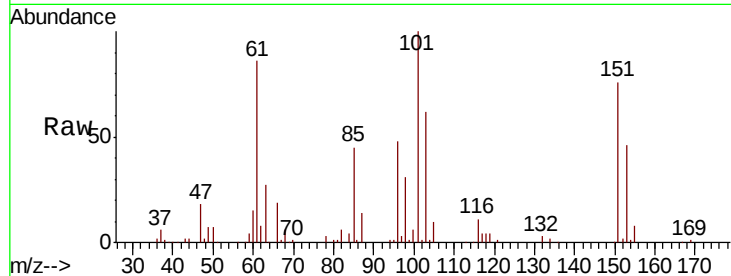
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	146892
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.6	54.8
151	74.1	59.3	88.9

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#10

Methyl Iodide

Concen: 24.500 ug/l

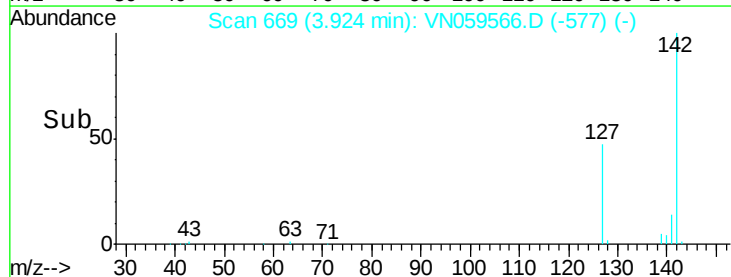
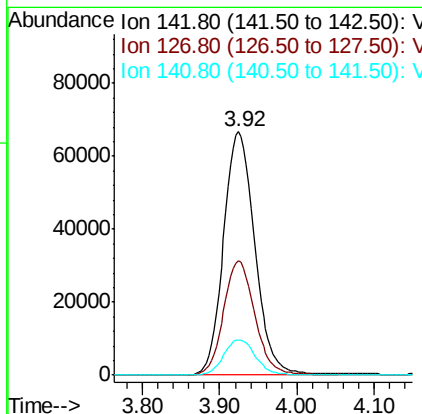
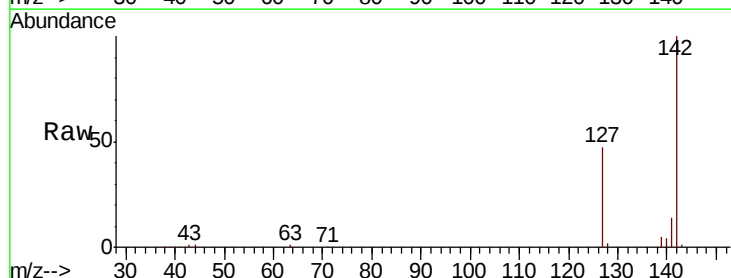
RT: 3.92 min Scan# 669

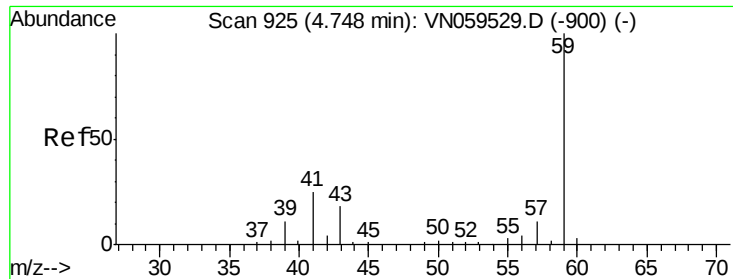
Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion:	142	Resp:	187388
Ion Ratio	Lower	Upper	
142	100		
127	46.9	36.6	54.8
141	14.5	11.6	17.4





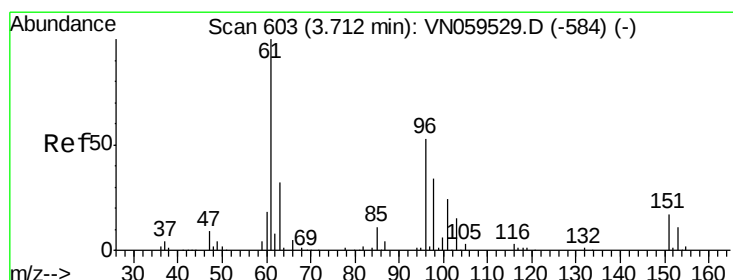
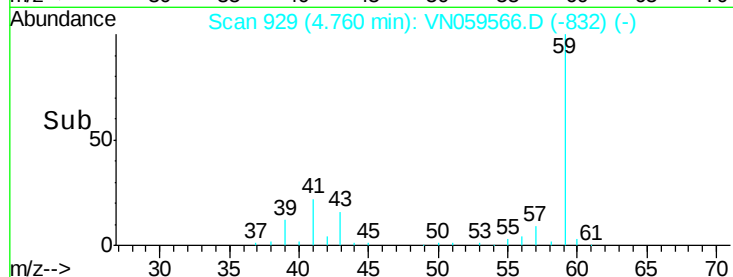
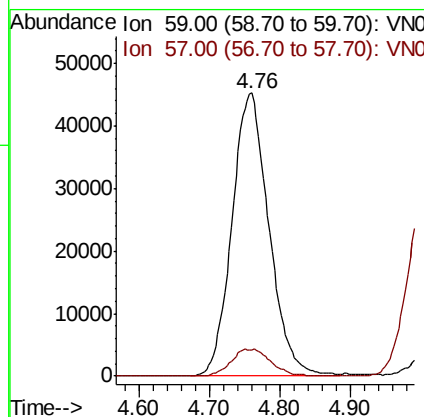
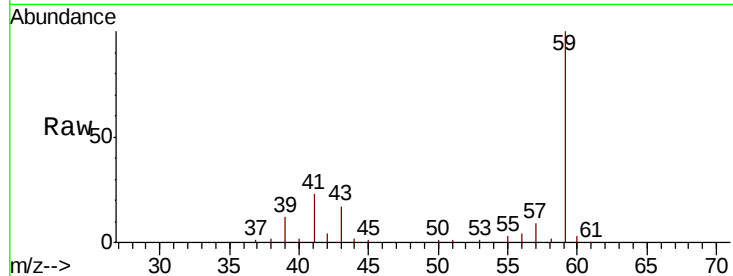
#11
Tert butyl alcohol
Concen: 135.739 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.01 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 165583
Ion Ratio Lower Upper
59 100
57 4.9 8.6 13.0#

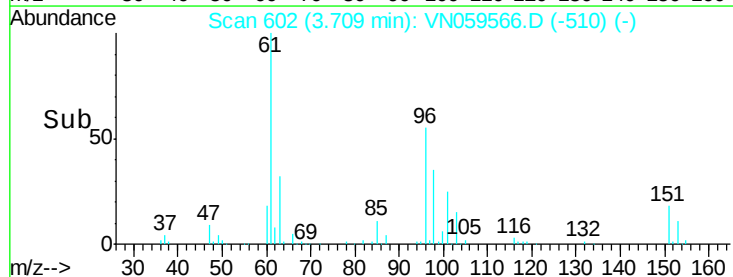
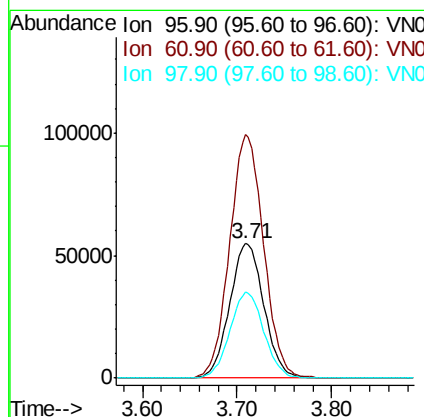
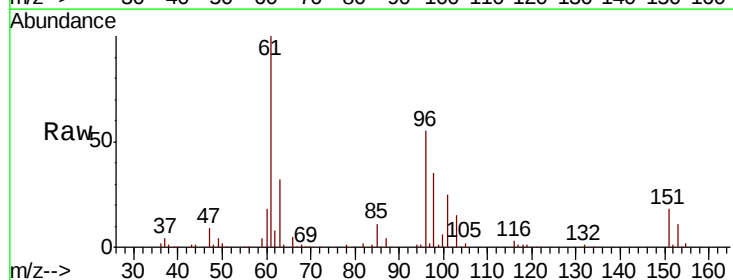
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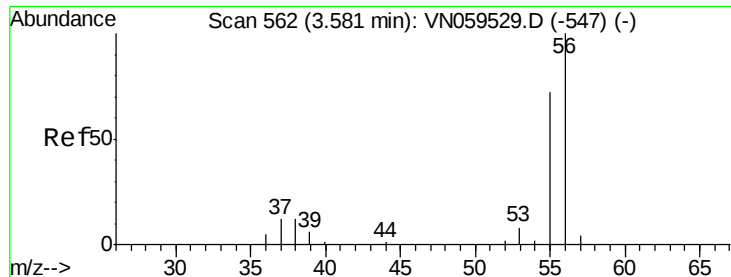
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#12
1,1-Dichloroethene
Concen: 25.050 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion: 96 Resp: 137552
Ion Ratio Lower Upper
96 100
61 180.3 149.8 224.6
98 63.5 50.6 75.8





#13

Acrolein

Concen: 138.460 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82193

Ion Ratio Lower Upper

56 100

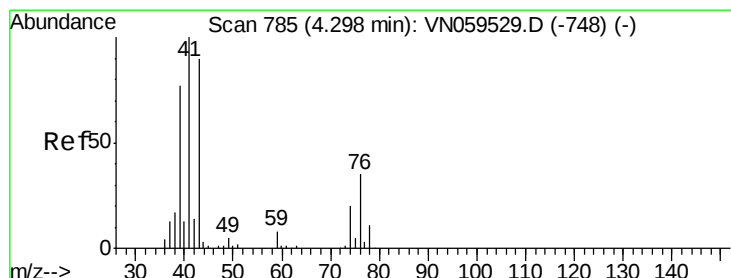
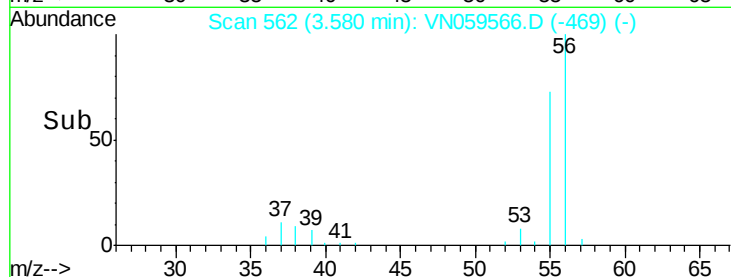
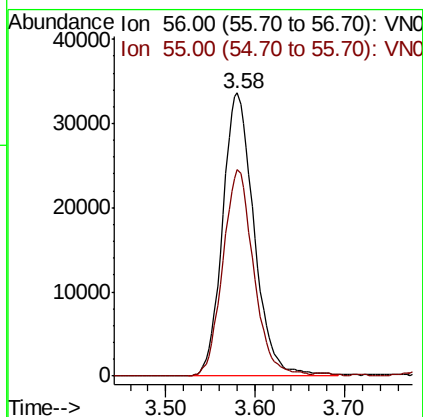
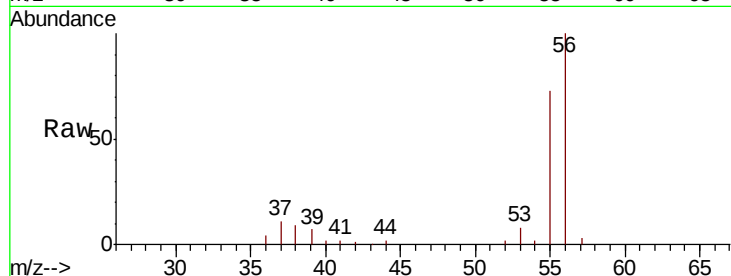
55 71.4 56.9 85.3

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#14

Allyl chloride

Concen: 26.479 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

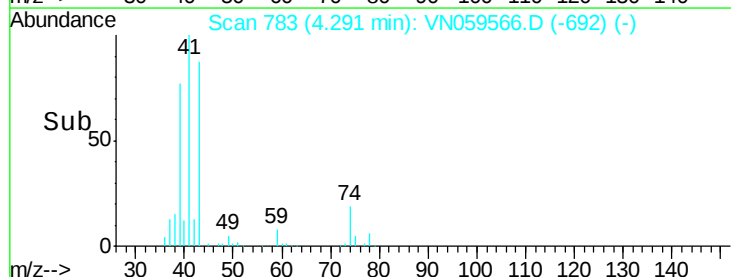
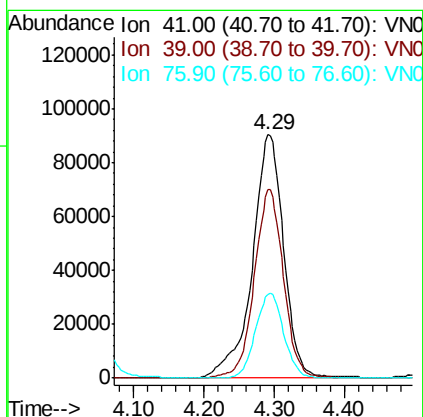
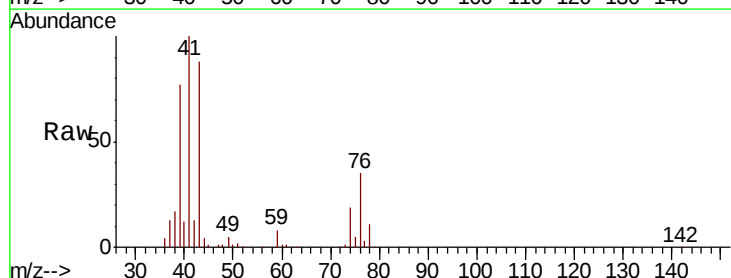
Tgt Ion: 41 Resp: 279702

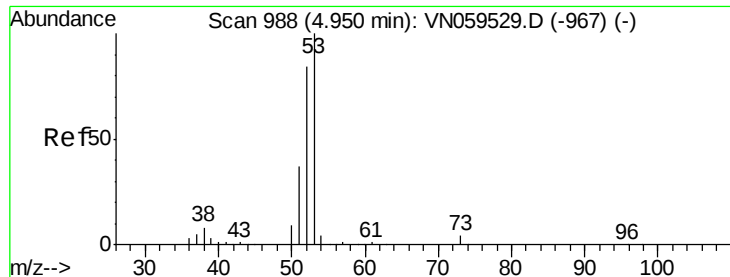
Ion Ratio Lower Upper

41 100

39 71.9 56.7 85.1

76 31.4 25.5 38.3





#15

Acrylonitrile

Concen: 135.913 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

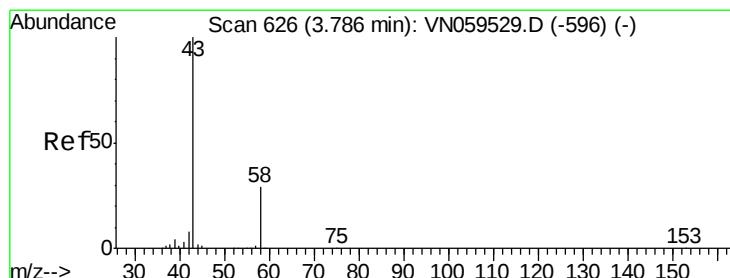
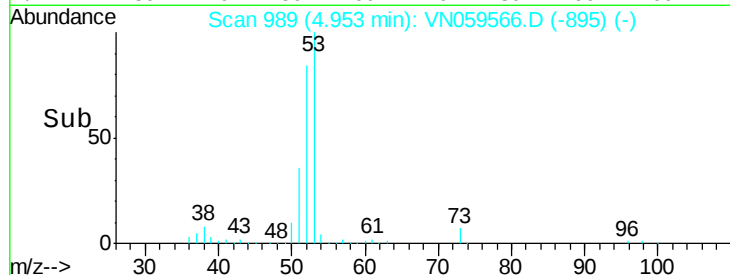
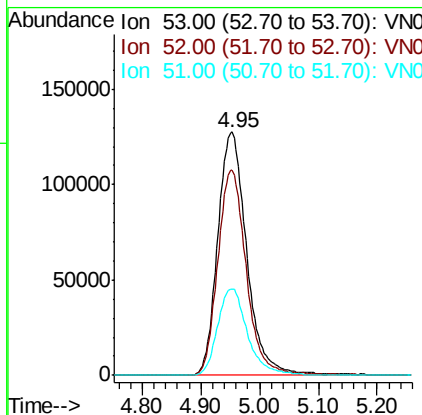
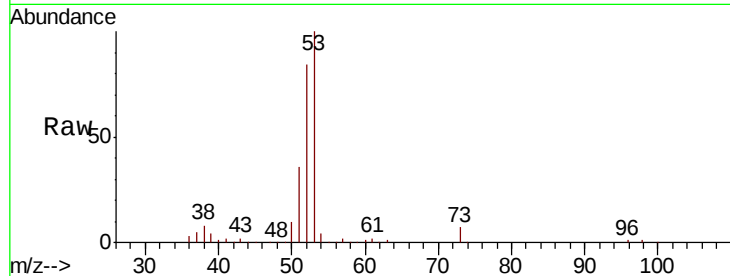
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	437278
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	36.8	29.8	44.8

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#16

Acetone

Concen: 137.537 ug/l

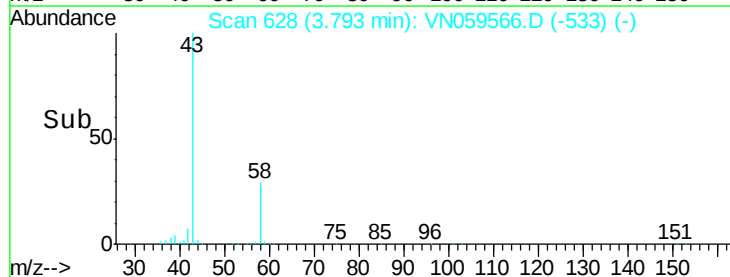
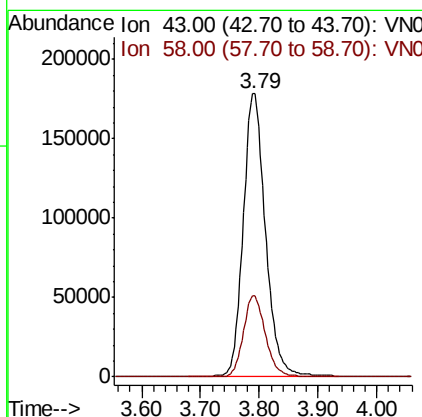
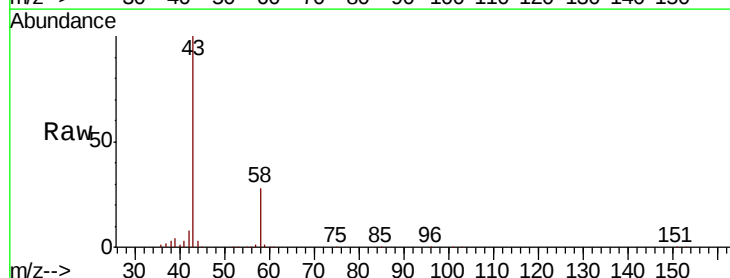
RT: 3.79 min Scan# 628

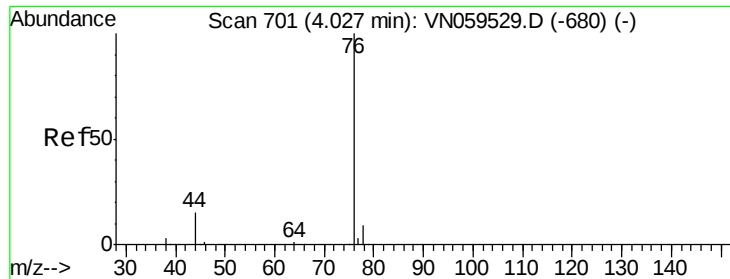
Delta R.T. 0.01 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion:	43	Resp:	473748
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.0	34.4





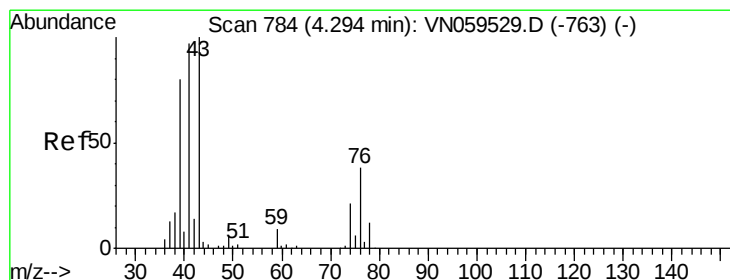
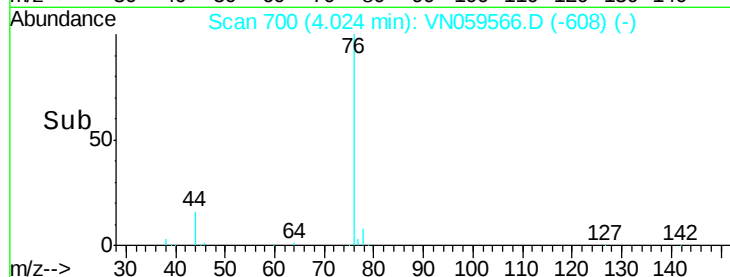
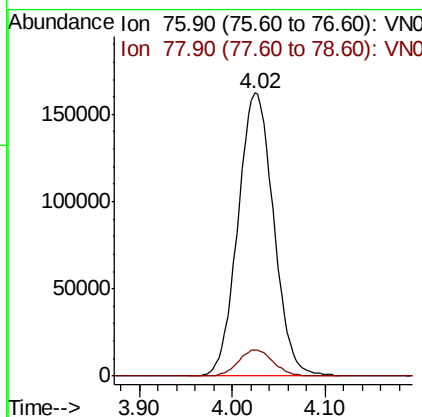
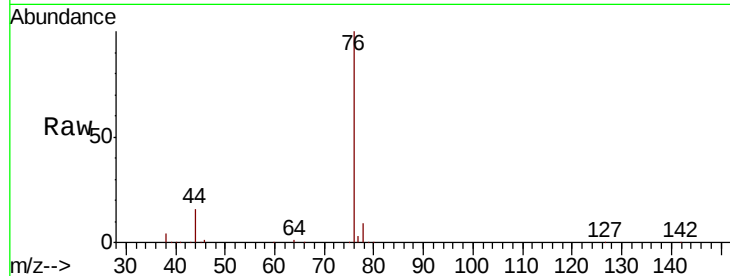
#17
Carbon Disulfide
Concen: 24.628 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

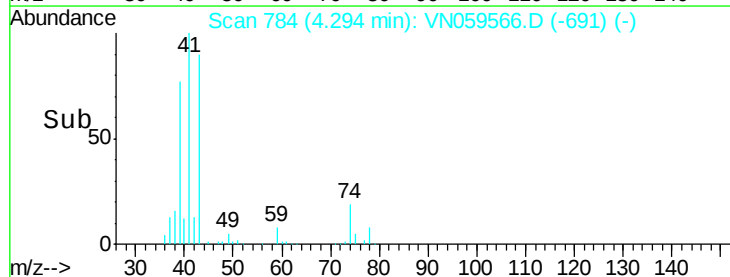
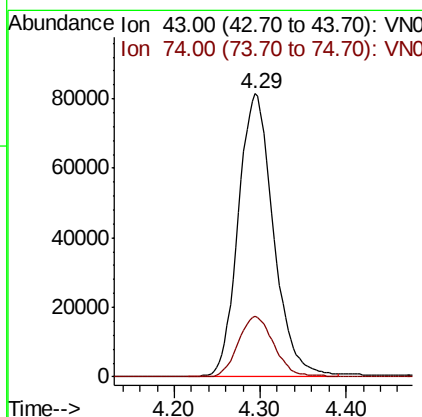
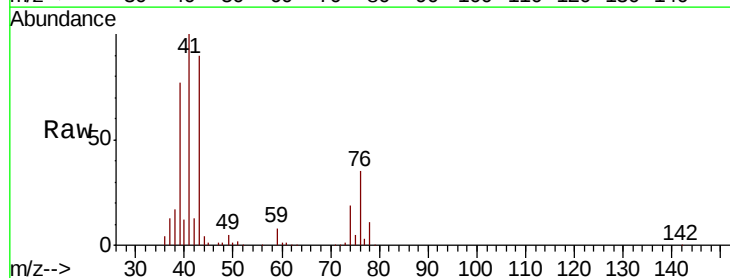
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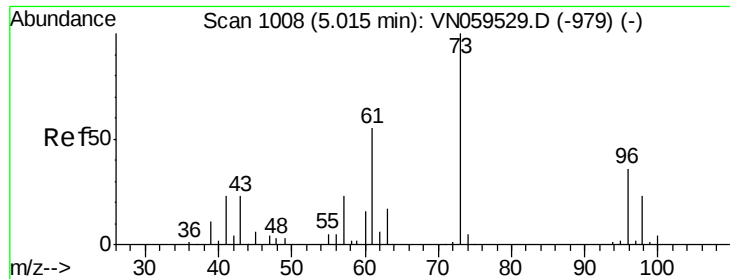
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#18
Methyl Acetate
Concen: 25.732 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.5	26.3





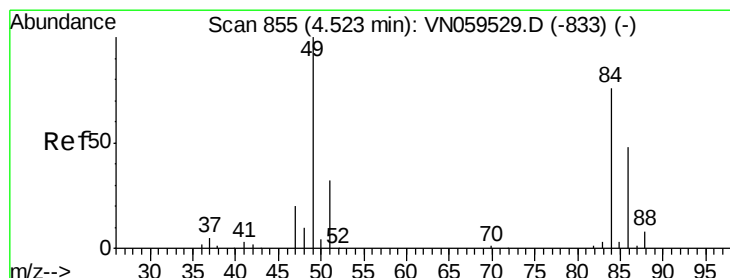
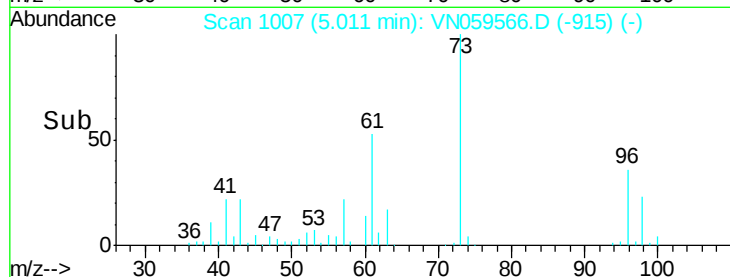
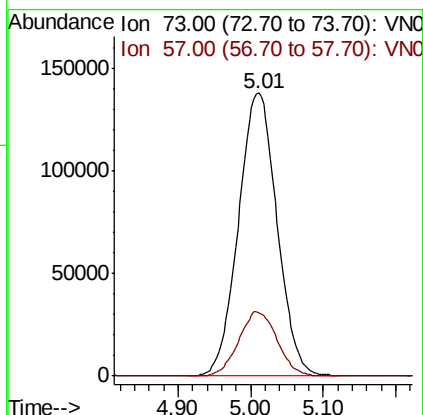
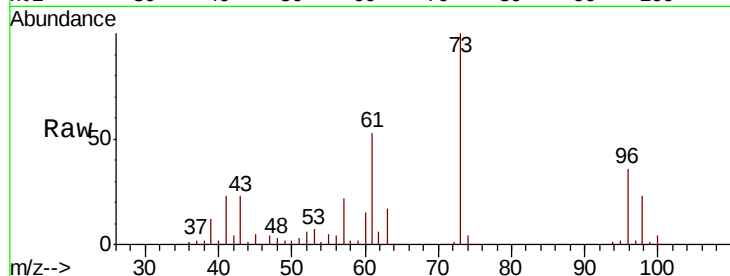
#19
Methvl tert-butvl Ether
Concen: 27.987 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 510852
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5

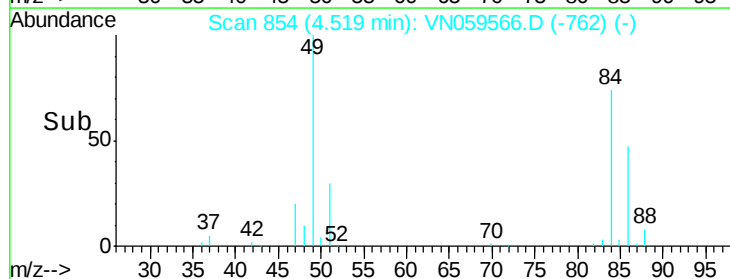
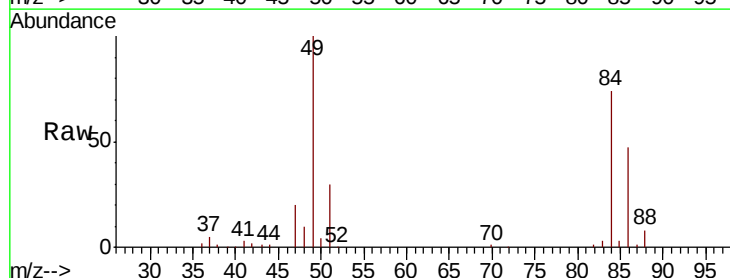
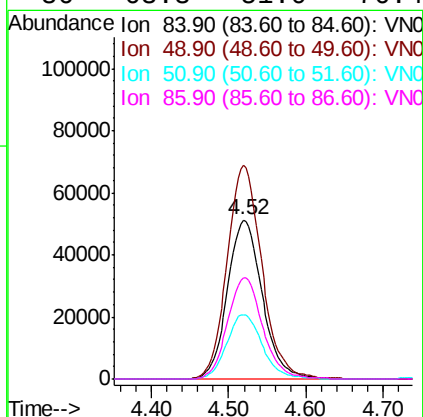
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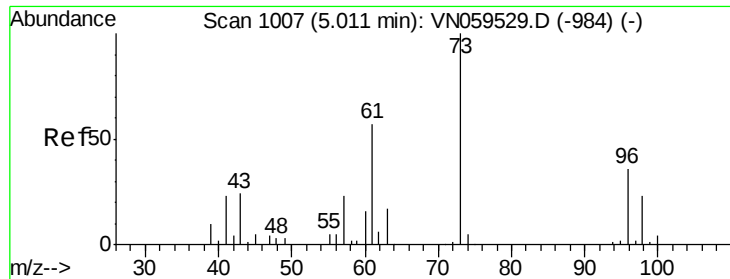
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#20
Methylene Chloride
Concen: 25.704 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion: 84 Resp: 160375
Ion Ratio Lower Upper
84 100
49 134.2 105.8 158.8
51 40.6 33.7 50.5
86 63.3 51.0 76.4





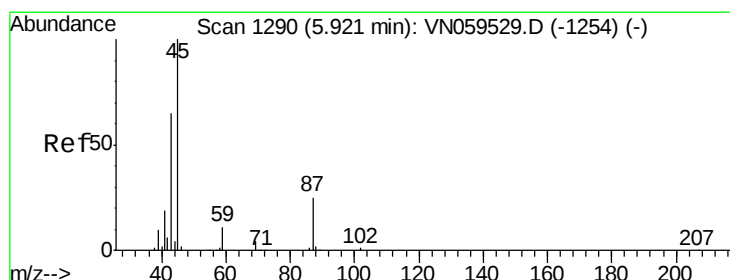
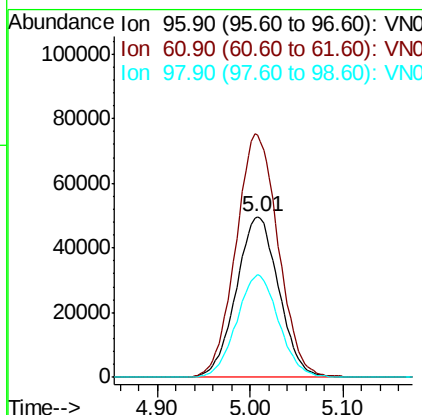
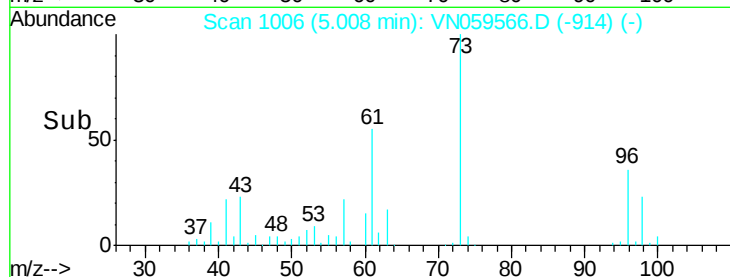
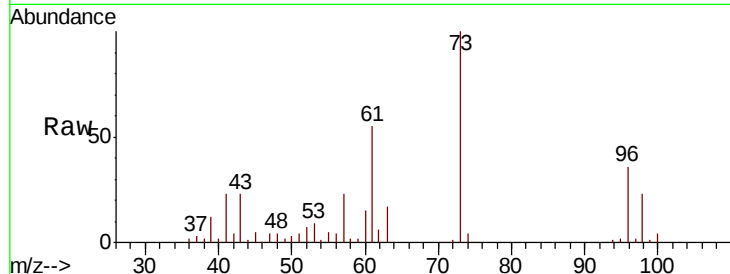
#21
trans-1,2-Dichloroethene
Concen: 26.783 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	124.8	187.2
98	63.8	51.0	76.4

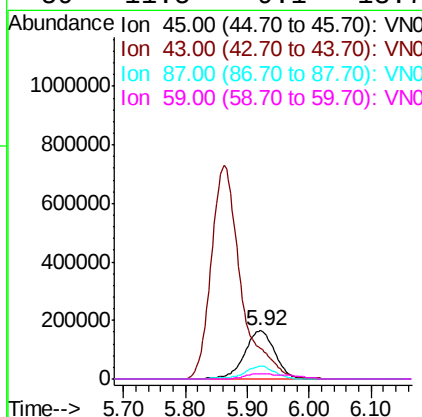
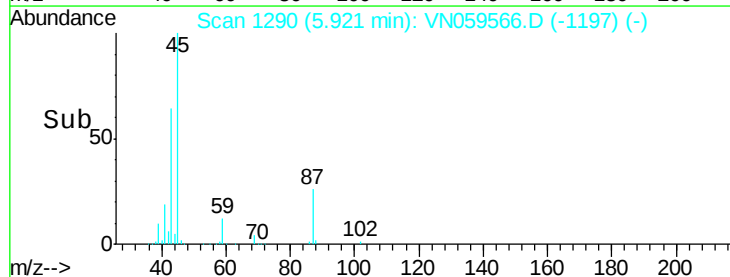
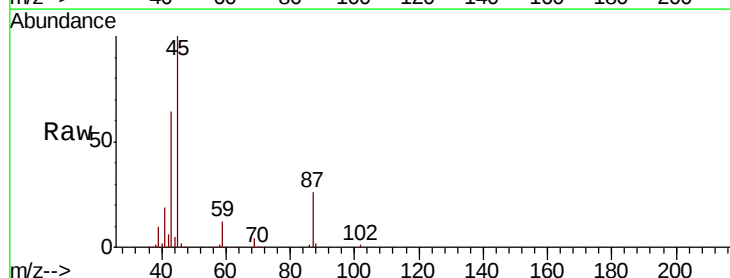
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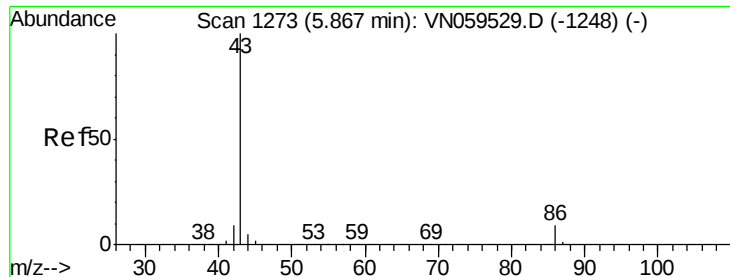
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#22
Diisopropyl ether
Concen: 28.002 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.9	52.8	79.2
87	26.4	20.2	30.4
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 145.114 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2434201

Ion Ratio Lower Upper

43 100

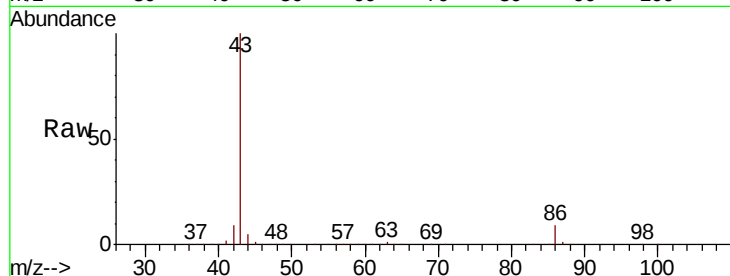
86 9.4 7.4 11.2

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Abundance Ion 43.00 (42.70 to 43.70): VN059566.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059566.D (-1180) (-)

5.86

800000

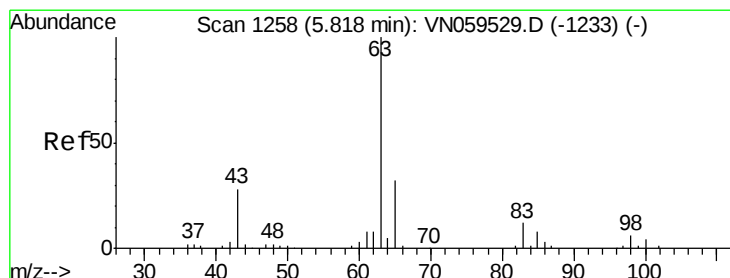
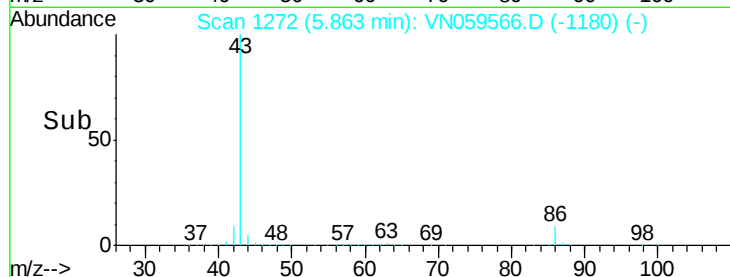
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 27.233 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

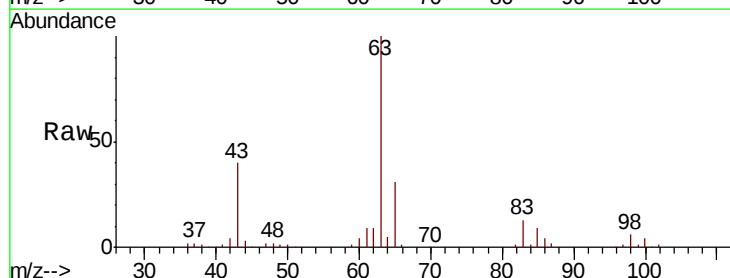
Tgt Ion: 63 Resp: 310929

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

100 3.8 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN059566.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059566.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059566.D (-1165) (-)

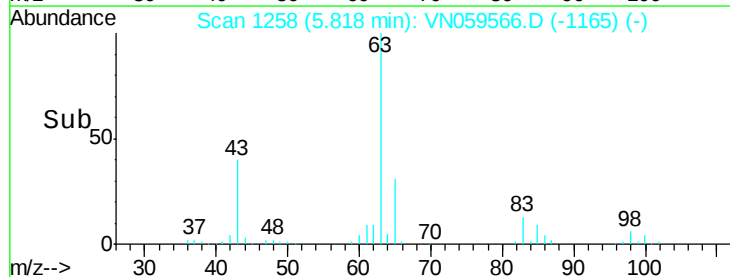
5.82

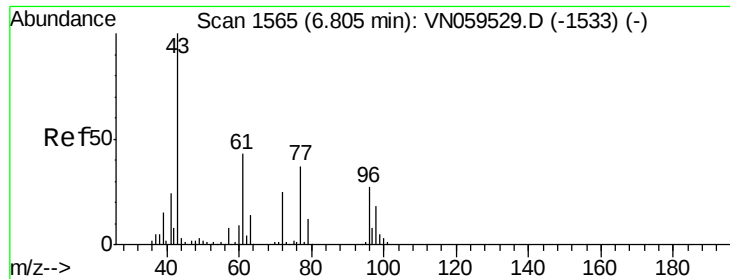
100000

50000

0

Time-->





#25

2-Butanone

Concen: 142.703 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 661631

Ion Ratio Lower Upper

43 100

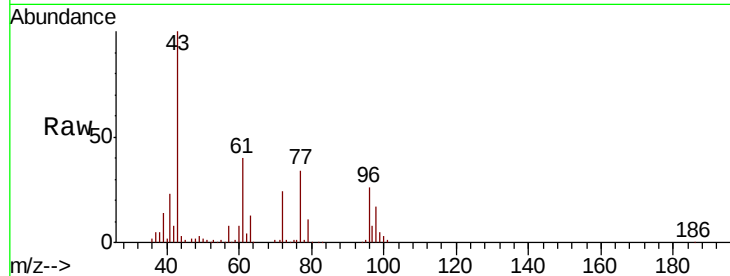
72 24.3 19.9 29.9

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

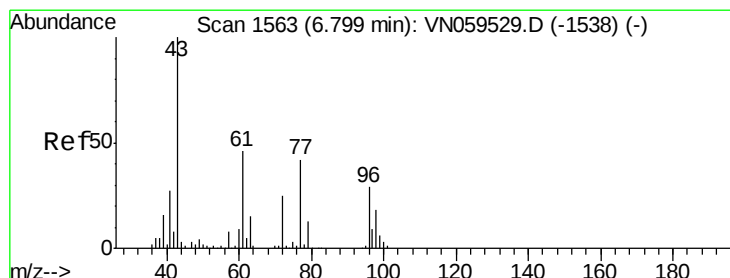
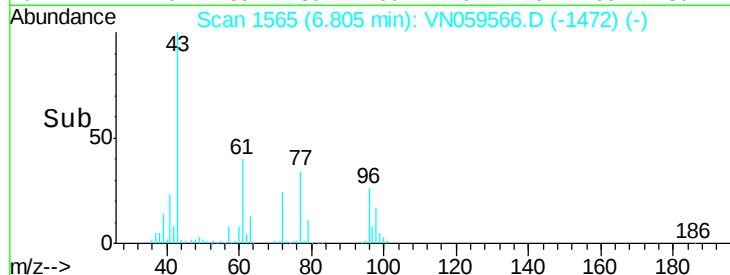
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 27.637 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059566.D

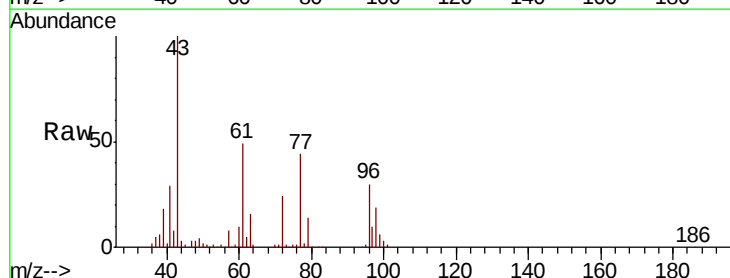
Acq: 11 Dec 2019 17:03

Tgt Ion: 77 Resp: 285062

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

100000

80000

60000

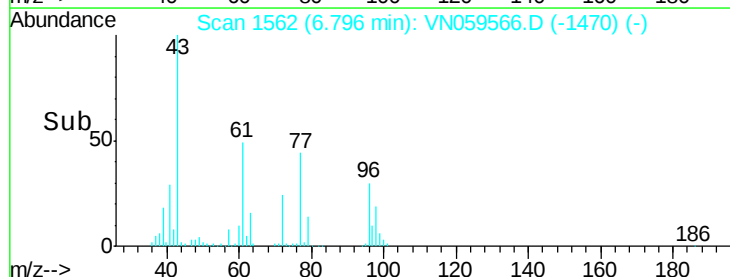
40000

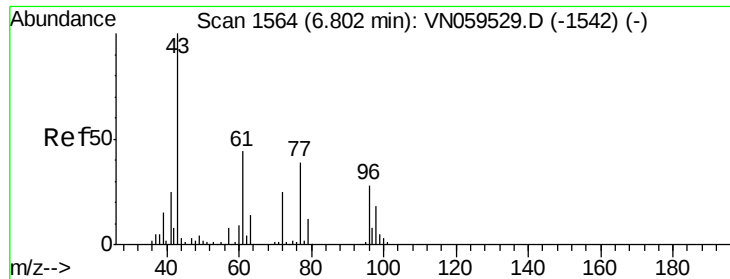
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 27.243 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

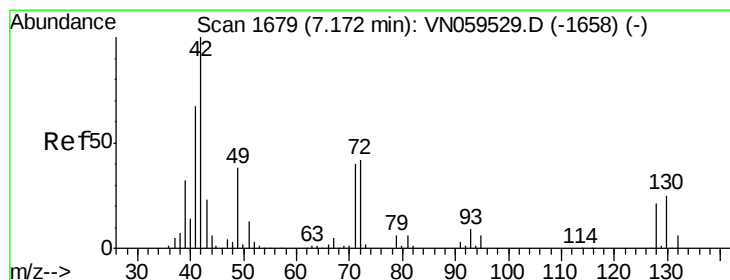
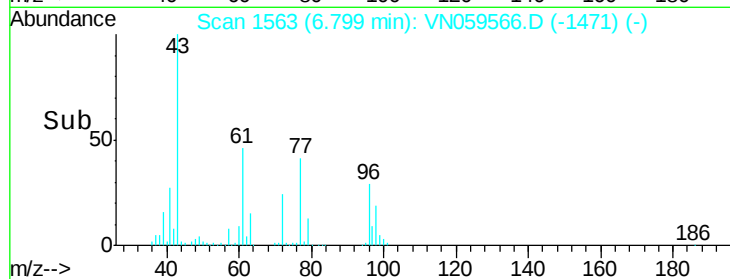
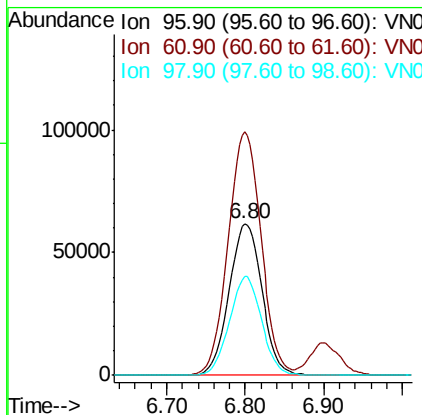
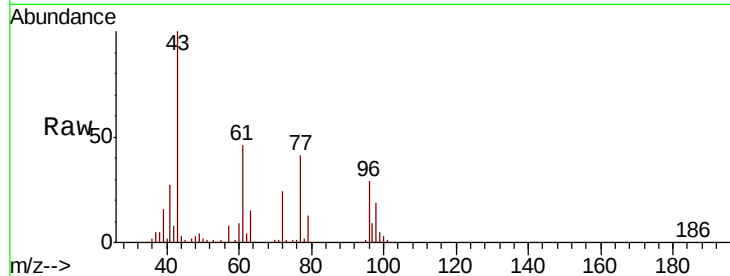
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	180592
Ion Ratio	Lower	Upper	
96	100		
61	160.3	0.0	320.0
98	63.6	0.0	128.6

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#28

Bromochloromethane

Concen: 27.477 ug/l

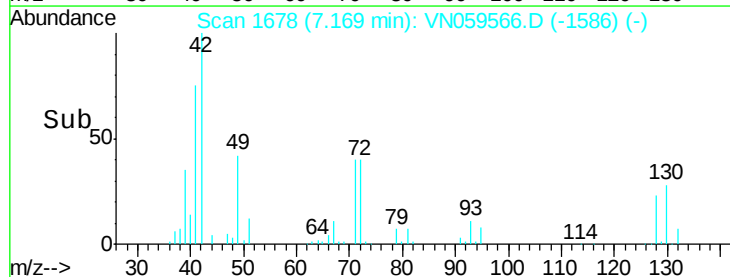
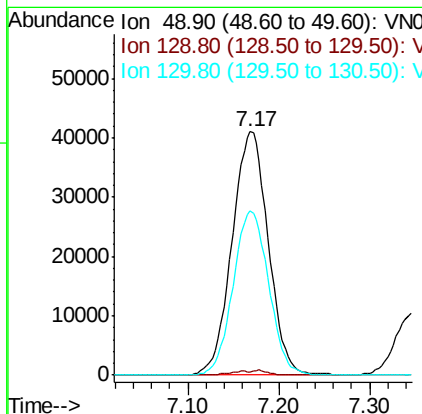
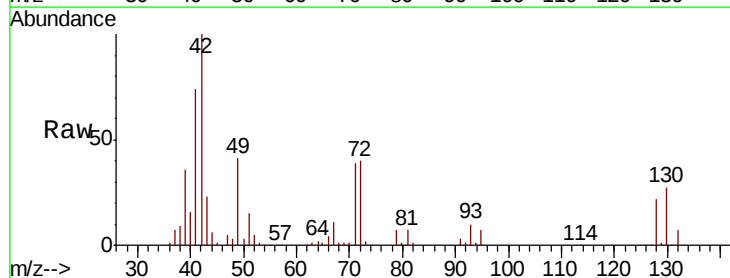
RT: 7.17 min Scan# 1678

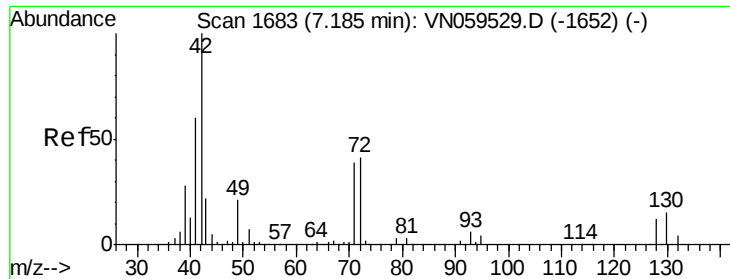
Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion:	49	Resp:	113268
Ion Ratio	Lower	Upper	
49	100		
129	0.9	0.0	3.0
130	66.4	54.2	81.2





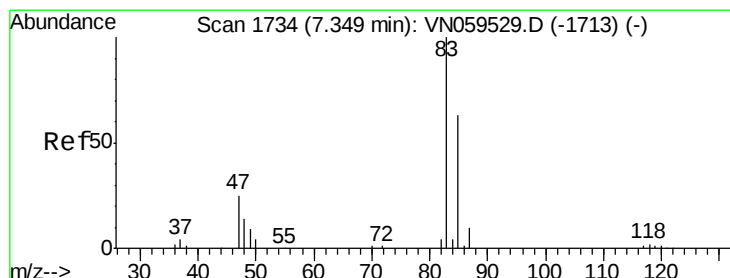
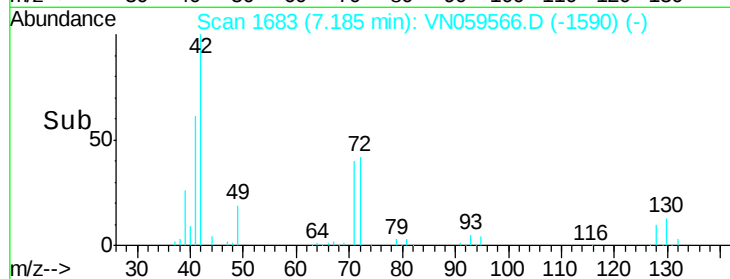
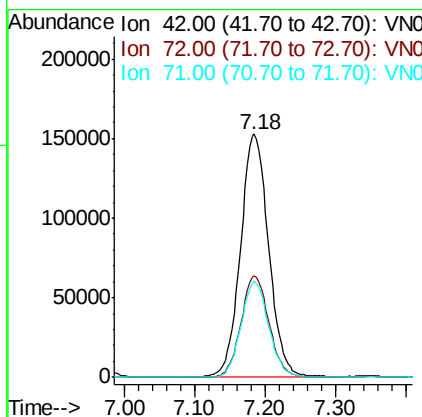
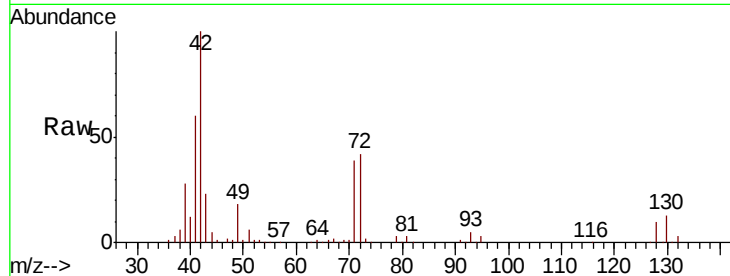
#29
Tetrahydrofuran
Concen: 132.440 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.7	49.1
71	38.5	31.4	47.2

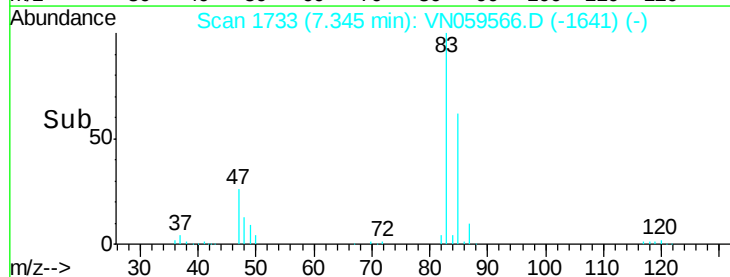
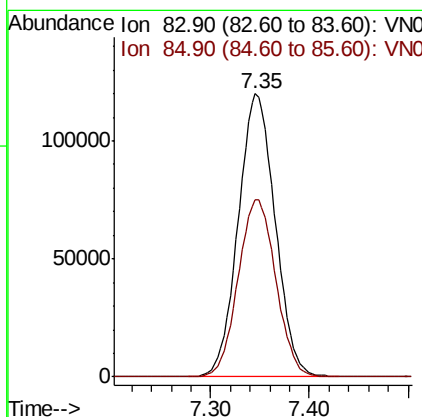
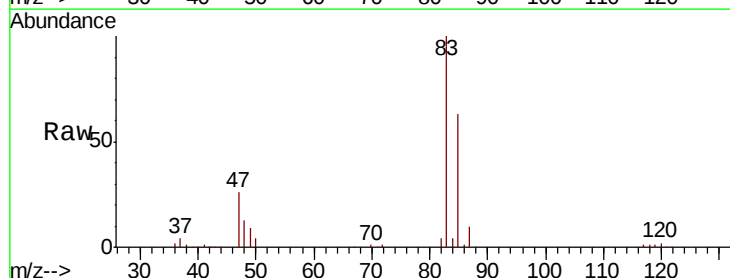
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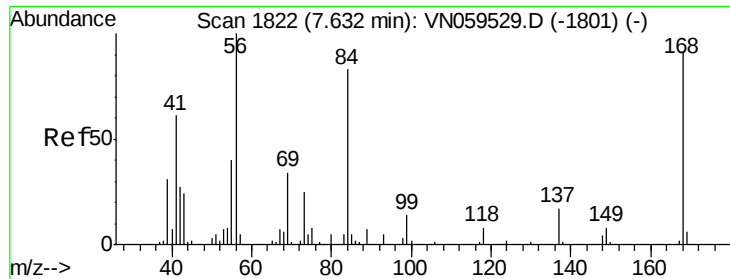
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#30
Chloroform
Concen: 27.614 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	75.8





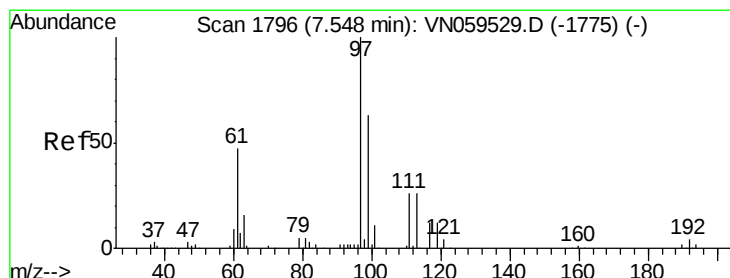
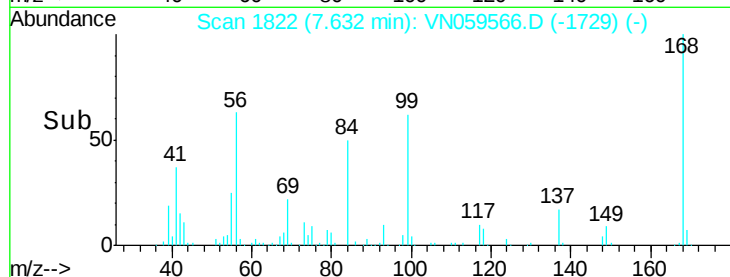
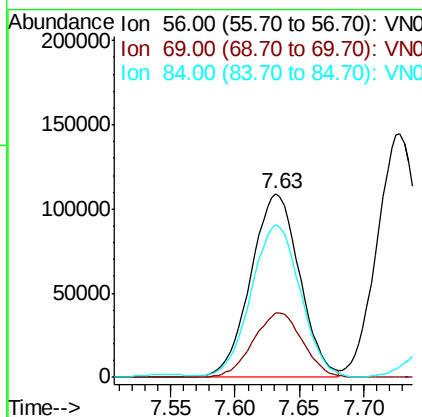
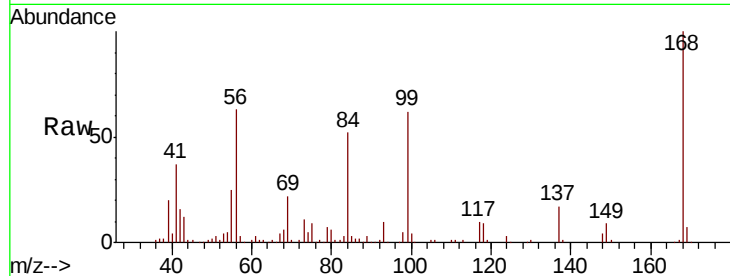
#31
Cyclohexane
Concen: 25.881 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	287558
Ion Ratio	Lower	Upper	
56	100		
69	34.9	26.9	40.3
84	81.9	66.5	99.7

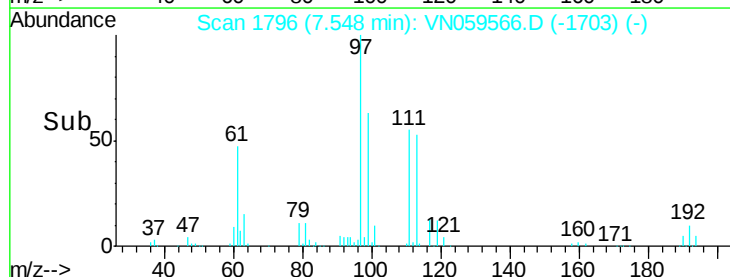
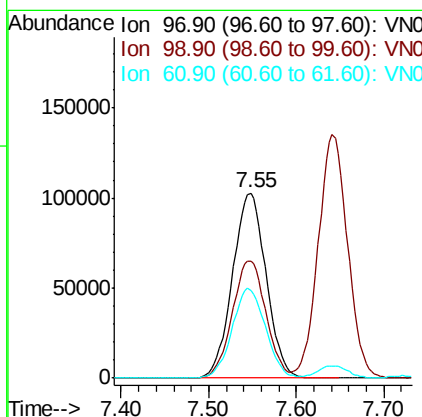
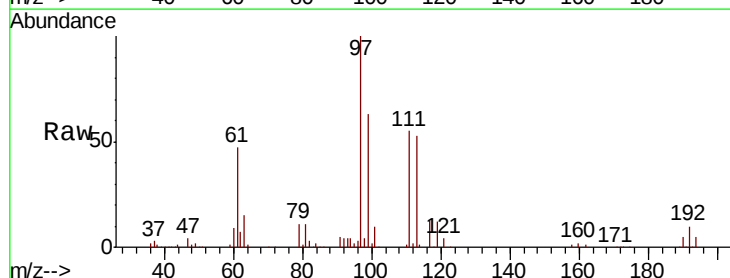
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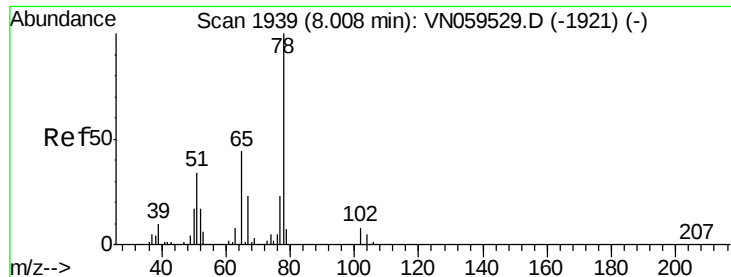
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#32
1,1,1-Trichloroethane
Concen: 27.359 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	97	Resp	273487
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.4	77.2
61	48.1	38.5	57.7





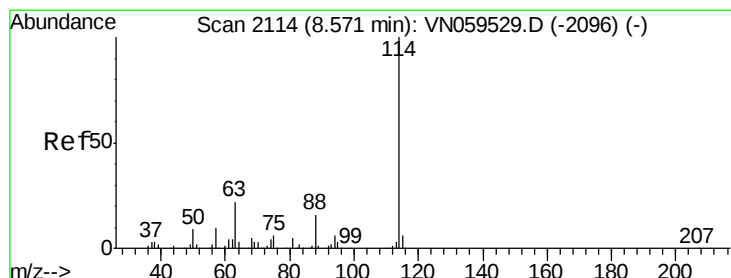
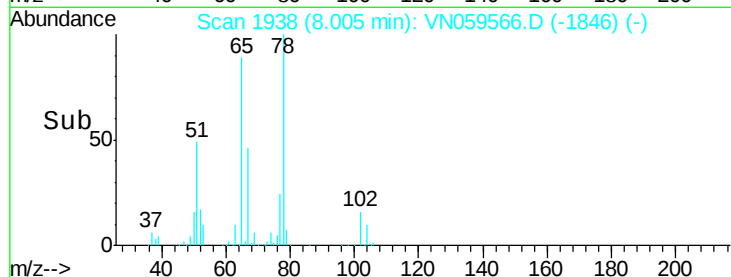
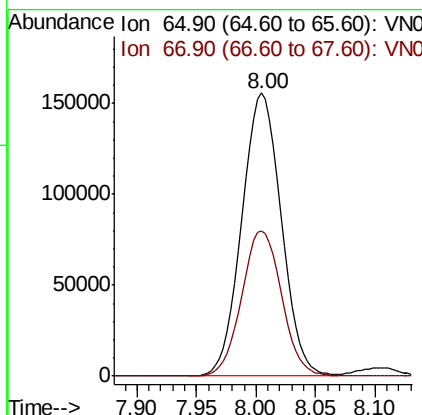
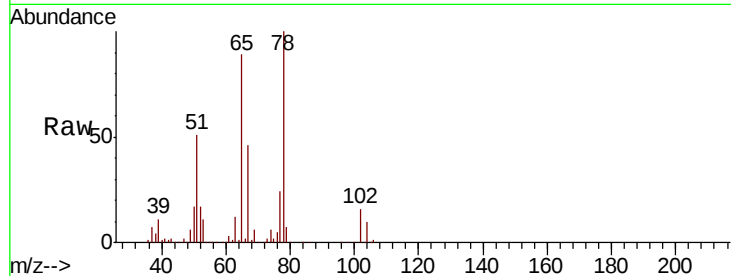
#33
 1,2-Dichloroethane-d4
 Concen: 48.698 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.6

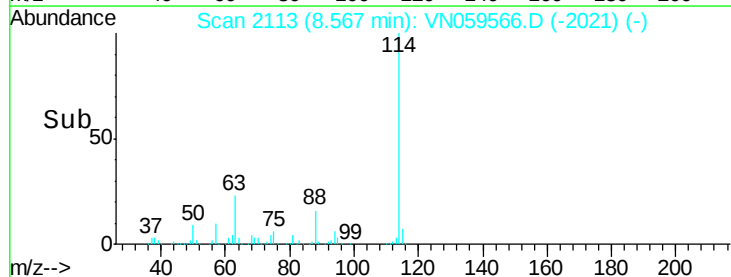
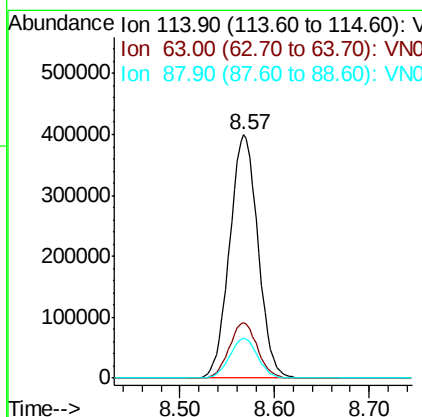
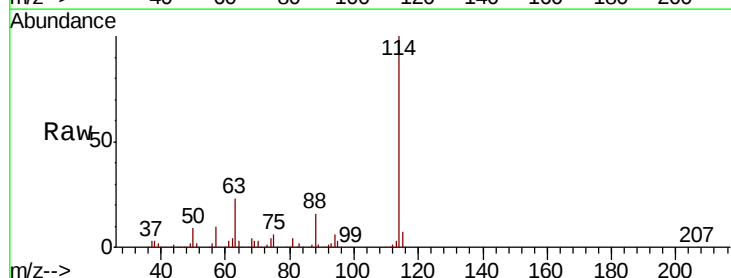
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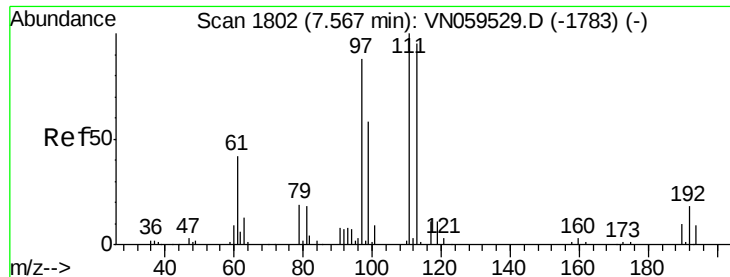
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.0
88	16.4	0.0	32.2





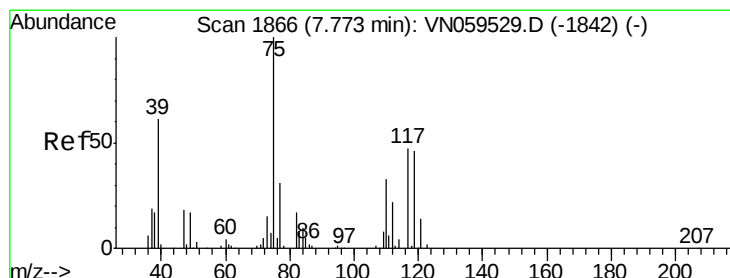
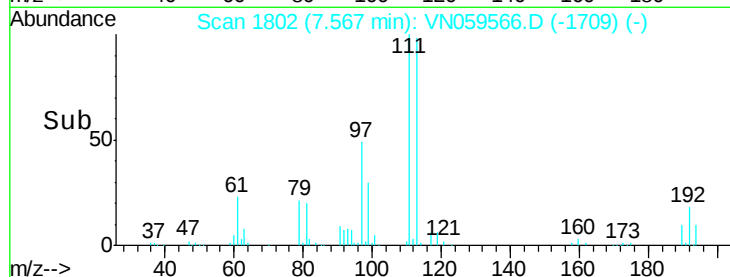
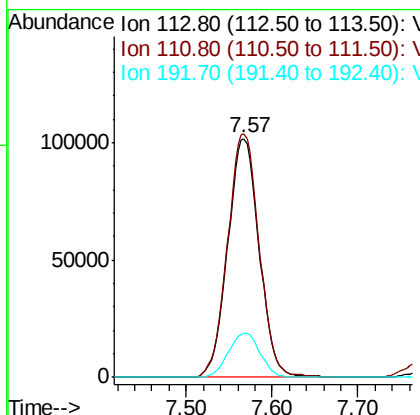
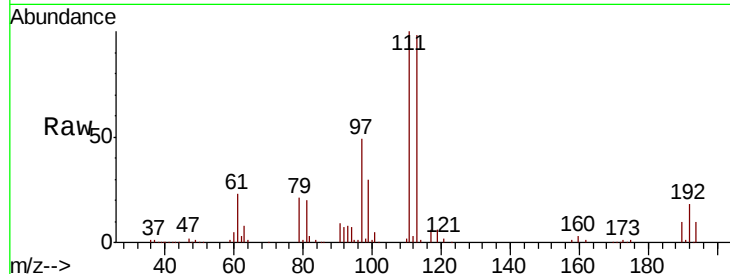
#35
 Dibromofluoromethane
 Concen: 52.021 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	257805		
111	102.8	82.2	123.4	
192	18.7	14.8	22.2	

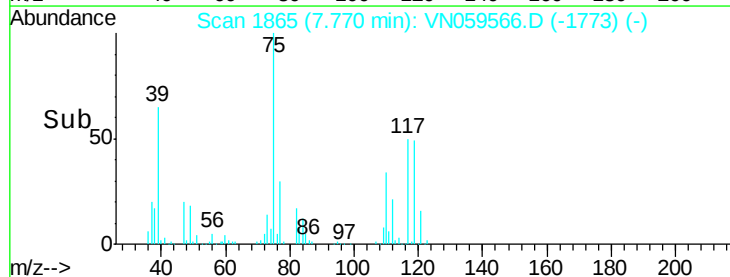
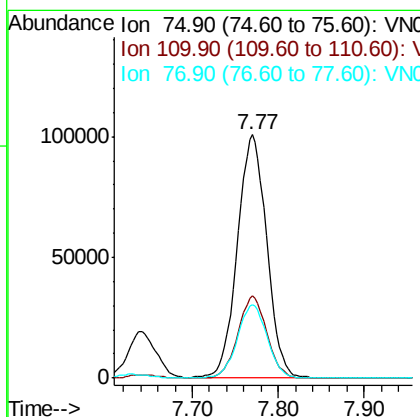
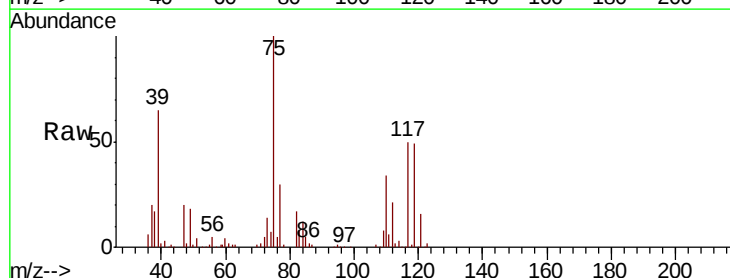
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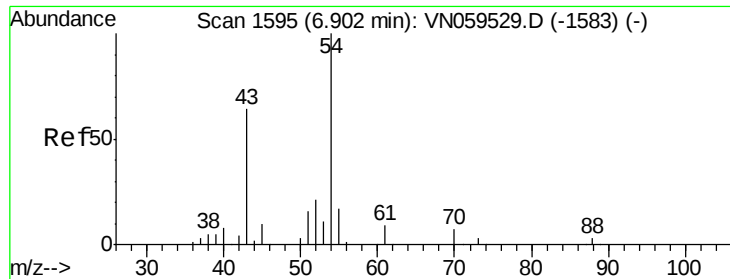
apatel
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#36
 1,1-Dichloropropene
 Concen: 28.188 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	240175		
110	33.0	16.7	50.0	
77	30.6	24.6	37.0	





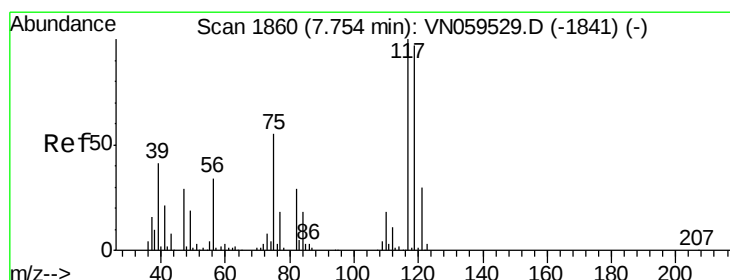
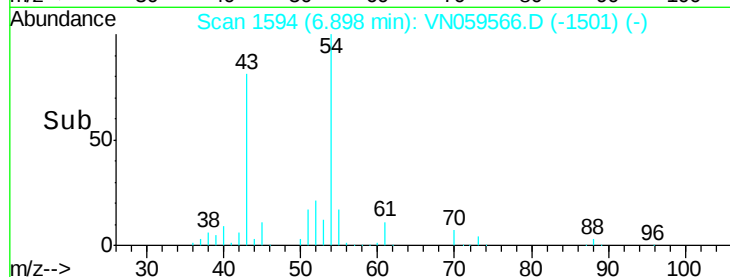
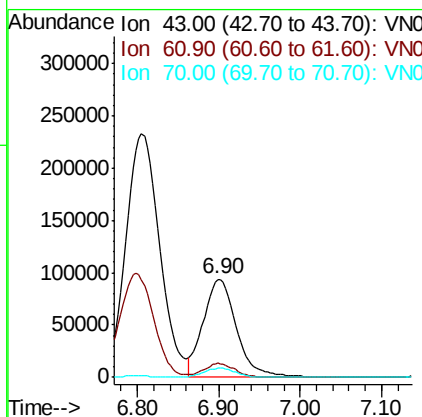
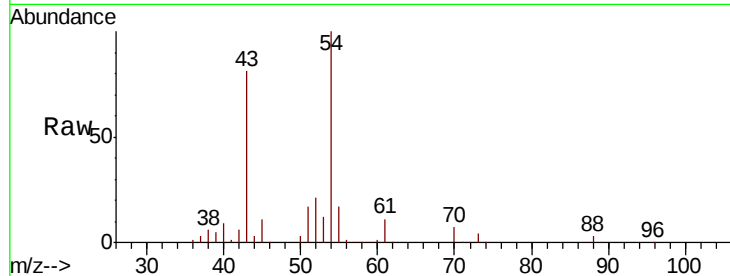
#37
Ethyl Acetate
Concen: 27.226 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	9.4	7.7	11.5

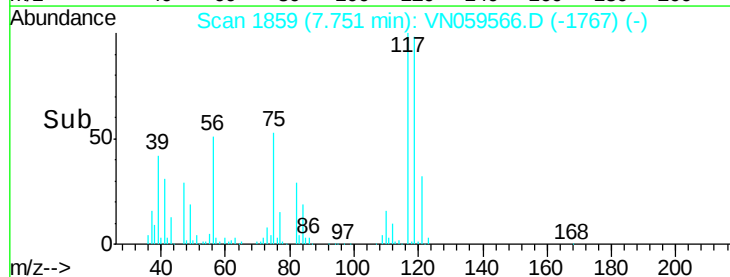
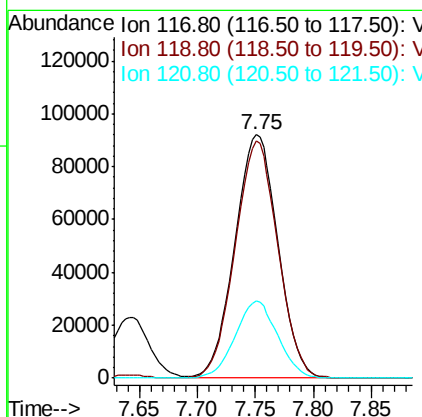
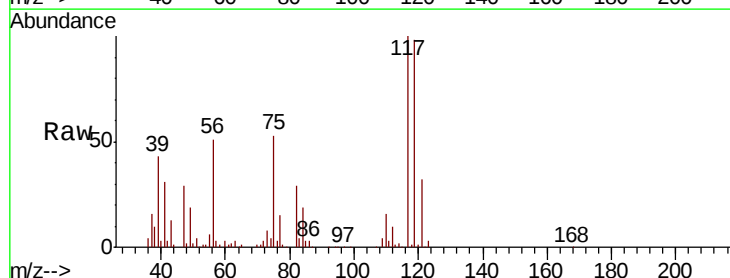
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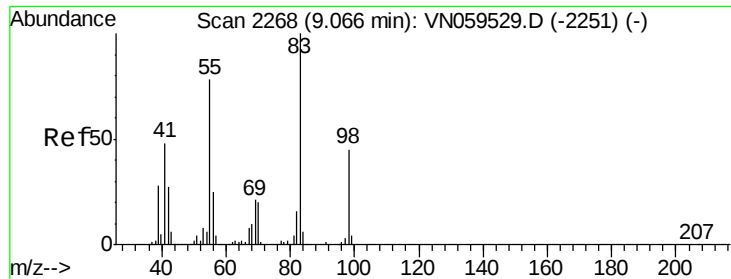
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#38
Carbon Tetrachloride
Concen: 28.261 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.4
121	31.6	24.1	36.1





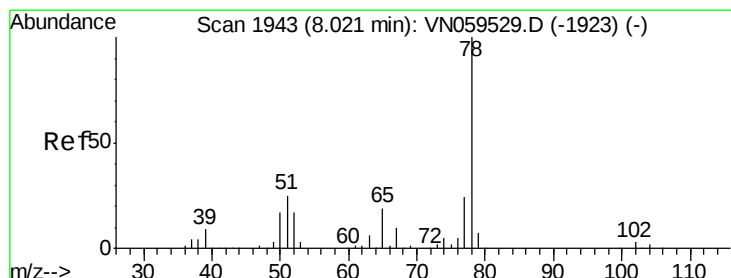
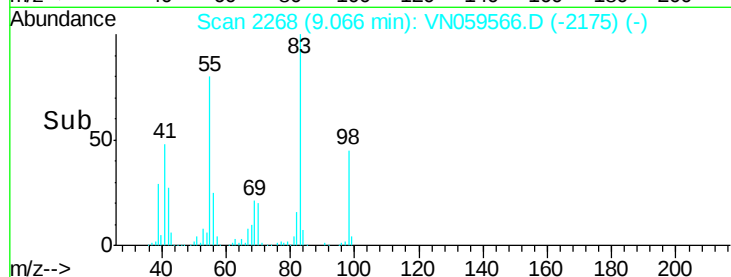
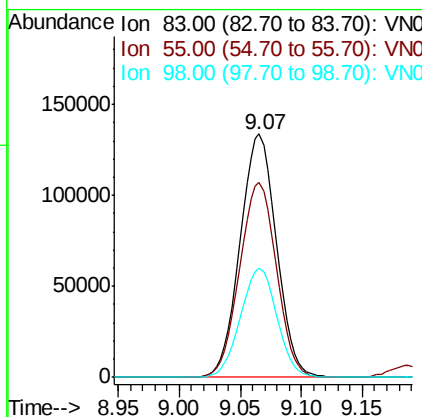
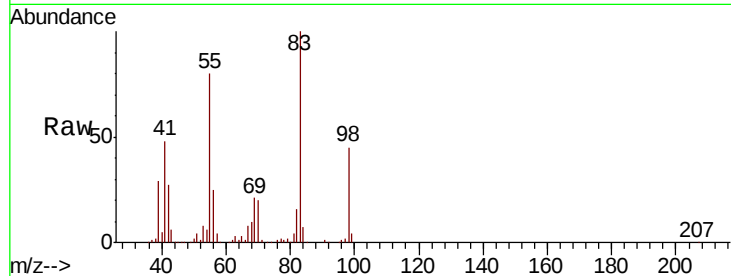
#39
Methvlcvclohexane
Concen: 28.777 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	62.7	94.1
98	44.8	35.7	53.5

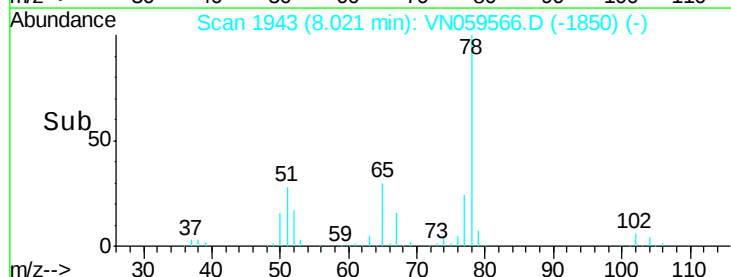
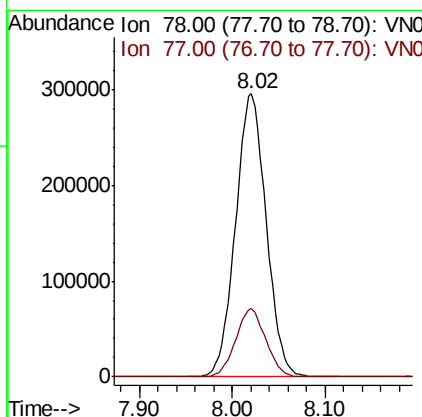
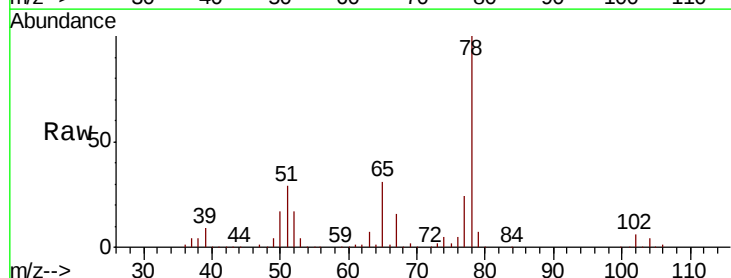
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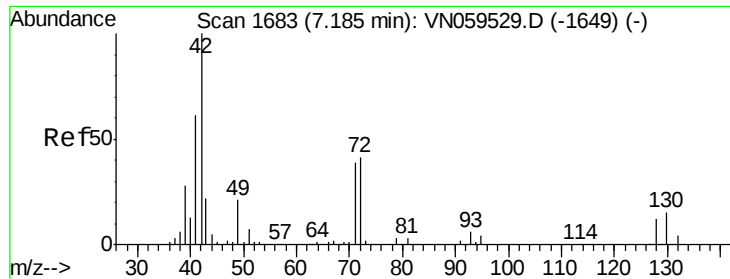
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#40
Benzene
Concen: 27.819 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





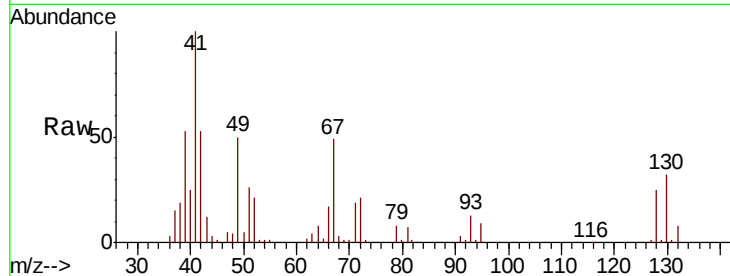
#41
Methacrylonitrile
Concen: 28.263 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

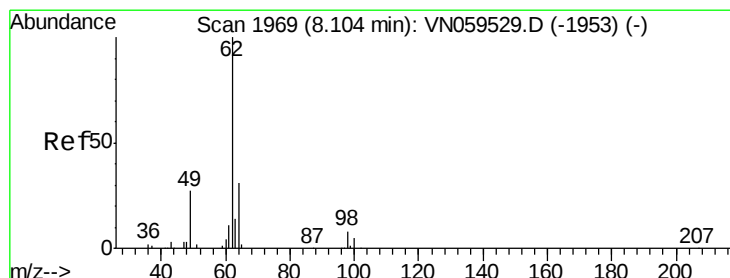
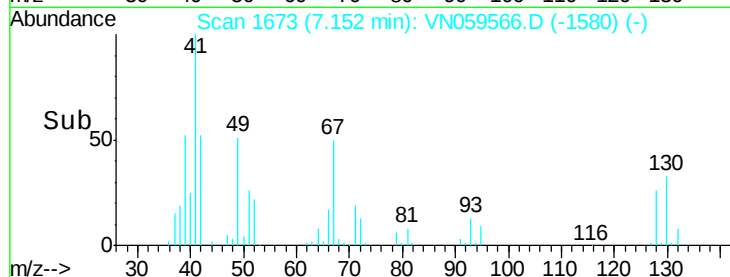
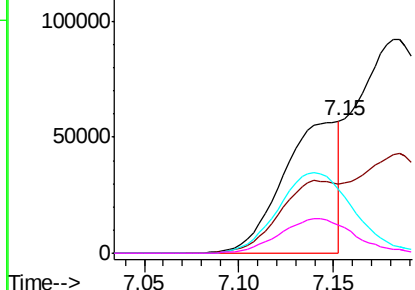
Tot Ion	41	Resp	117026
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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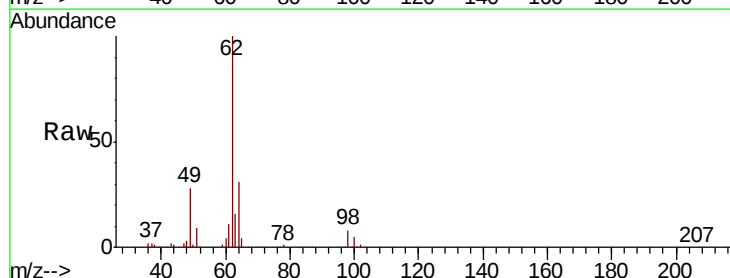


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

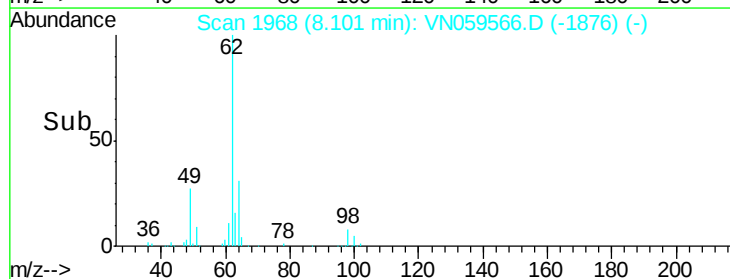
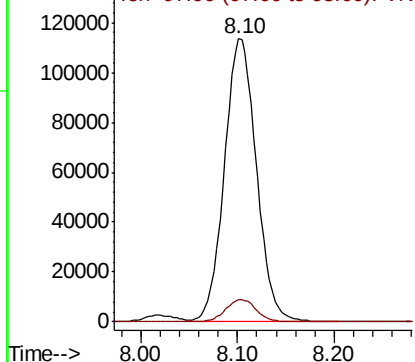


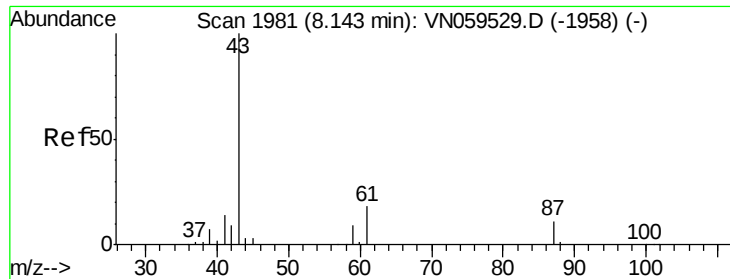
#42
1,2-Dichloroethane
Concen: 28.861 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	62	Resp	261734
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

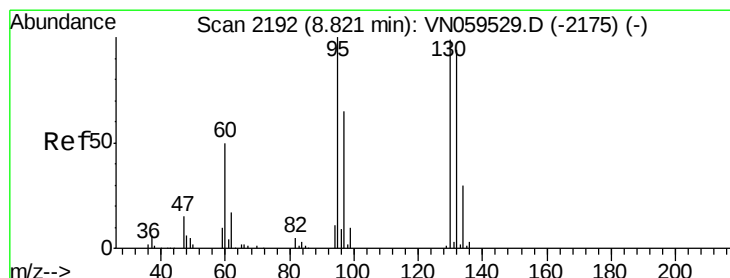
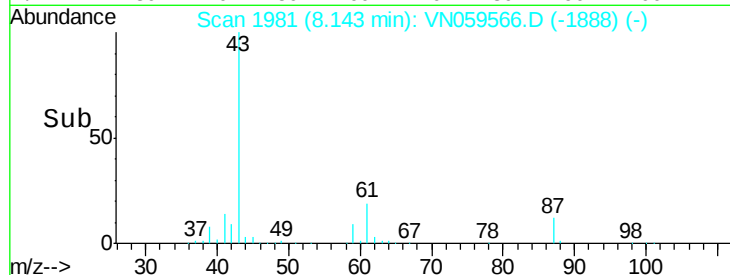
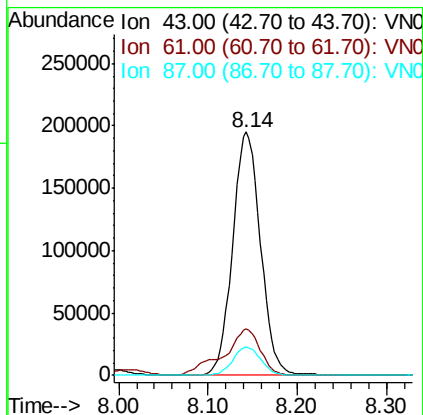
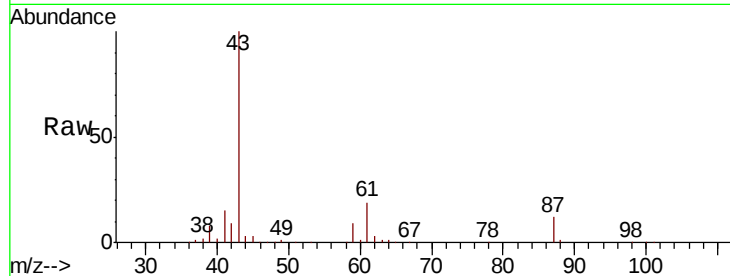
Isopropyl Acetate
 Concen: 28.600 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.3	19.8	29.6
87	11.8	9.4	14.2

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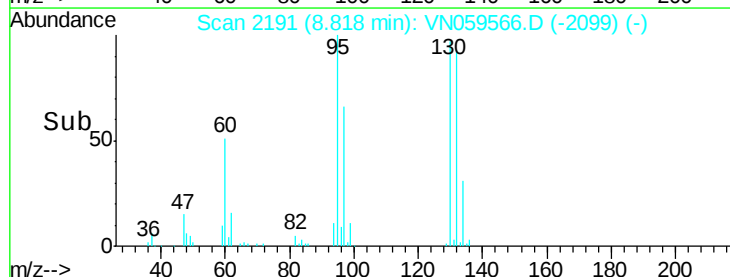
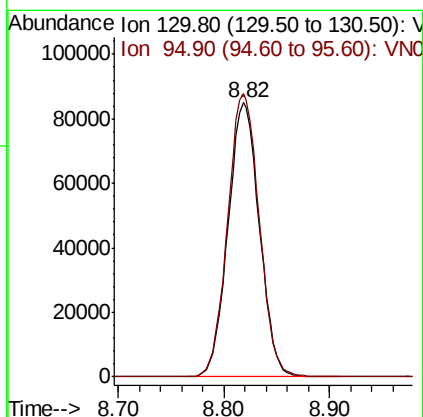
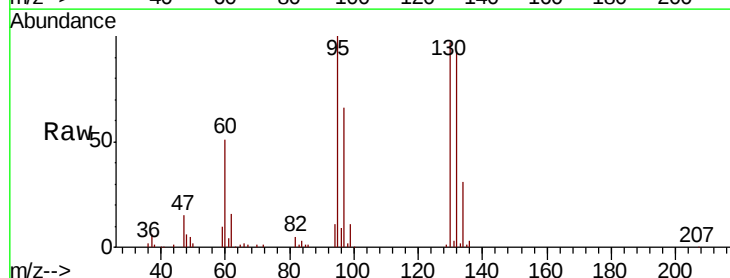
apatel
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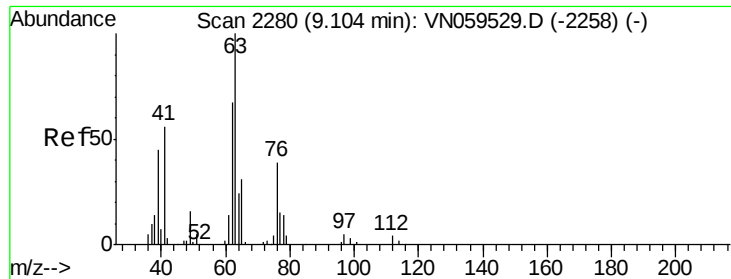


#44

Trichloroethene
 Concen: 28.423 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	202.0





#45

1,2-Dichloropropane

Concen: 28.934 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 186568

Ion Ratio Lower Upper

63 100

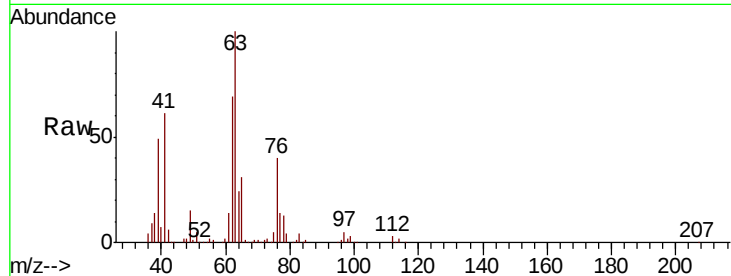
65 30.9 24.8 37.2

Manual Integrations

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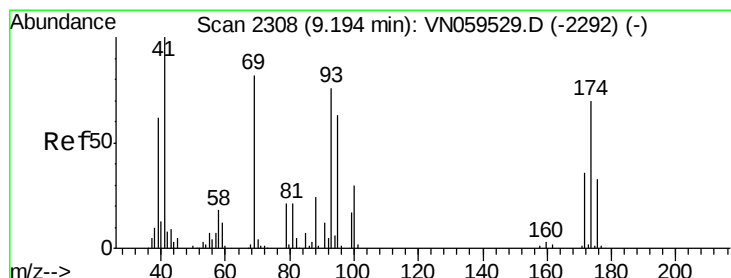
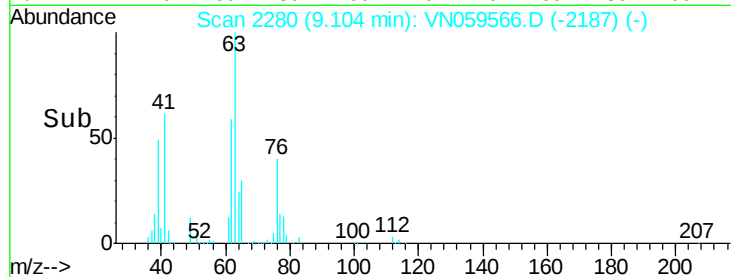
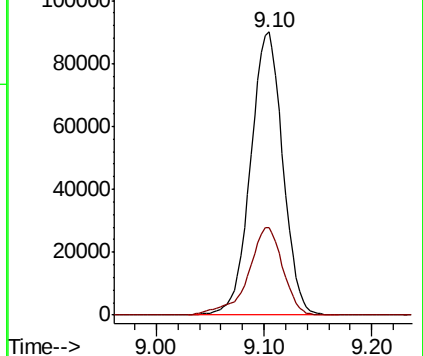
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 27.919 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

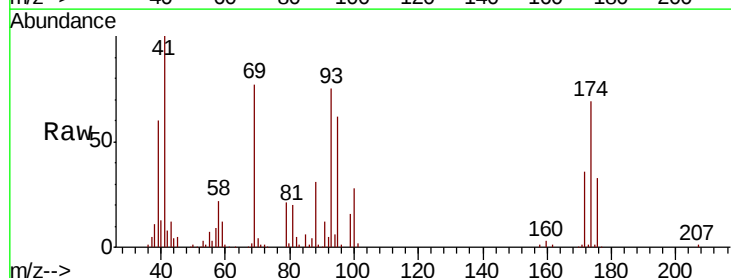
Tgt Ion: 93 Resp: 118971

Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

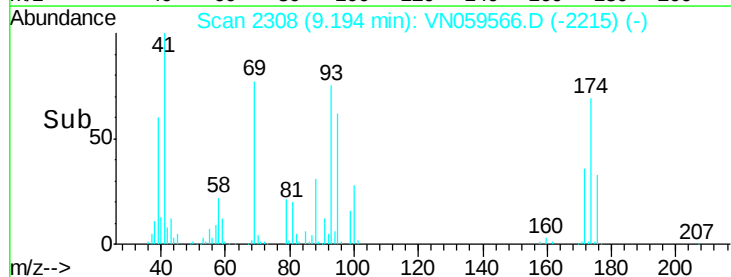
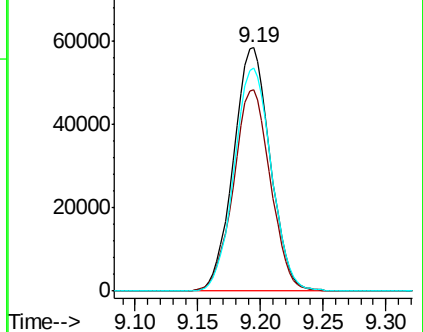
174 92.7 75.6 113.4

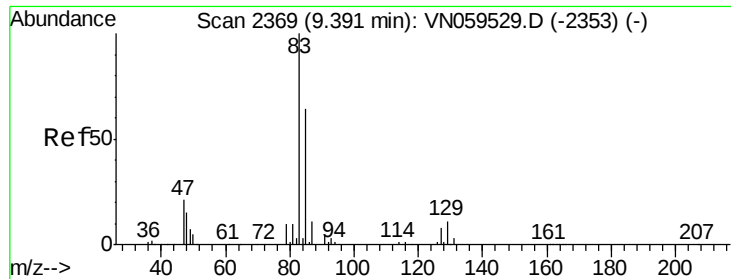


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





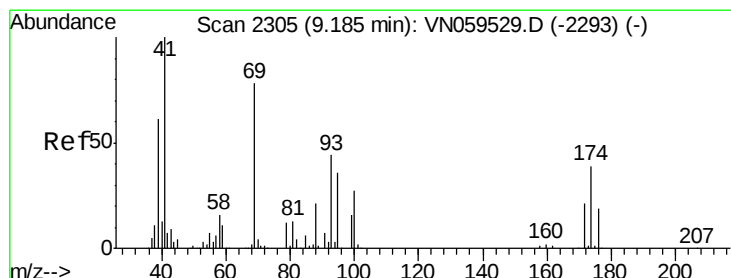
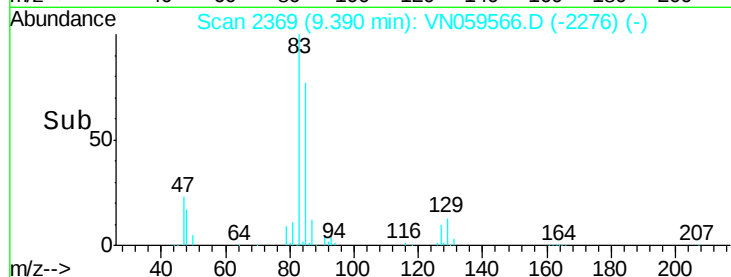
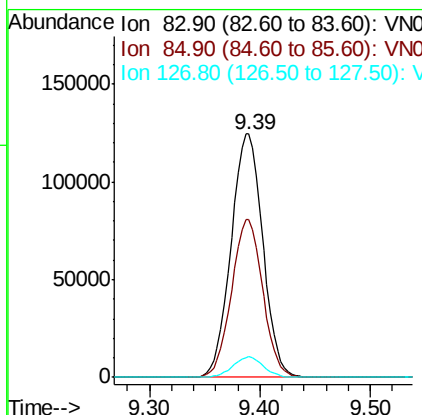
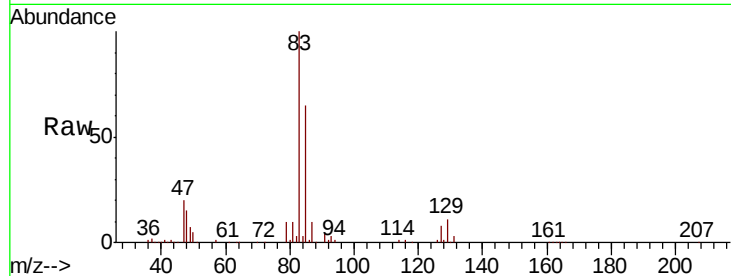
#47
Bromodichloromethane
Concen: 29.295 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	248104		
85	64.7	51.4	77.0	
127	8.4	6.7	10.1	

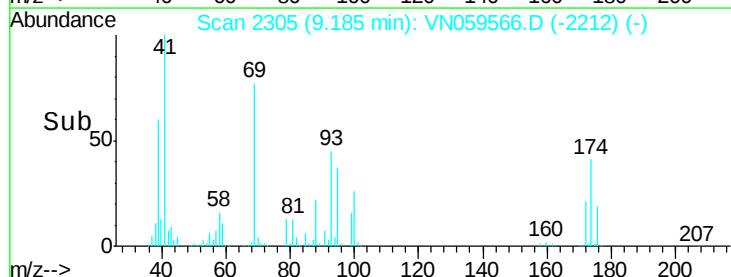
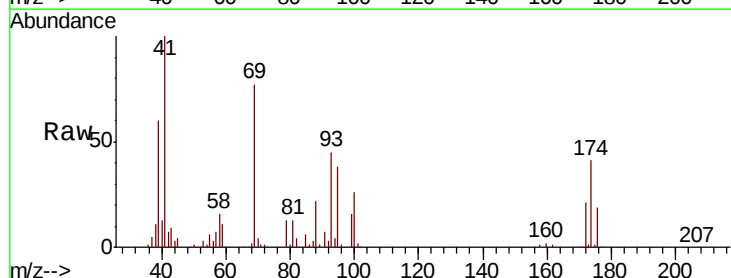
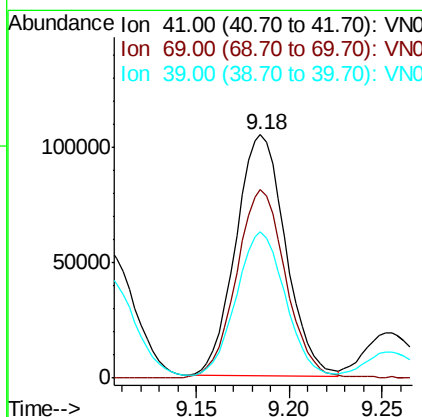
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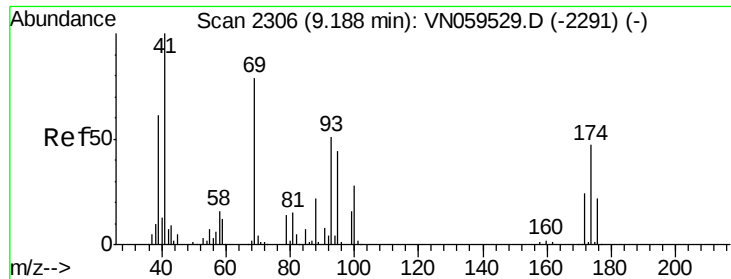
apatel
12/12/2019 9:25:40 AM



#48
Methyl methacrylate
Concen: 30.310 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	194926		
69	78.2	64.0	96.0	
39	60.5	50.0	75.0	





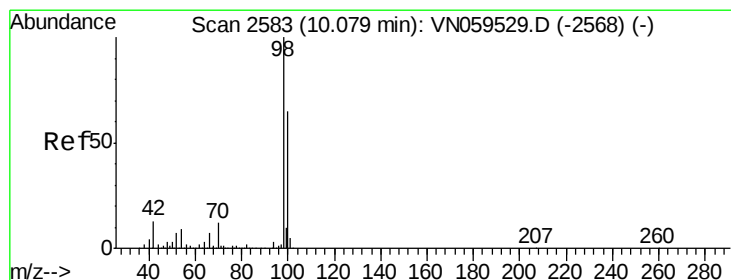
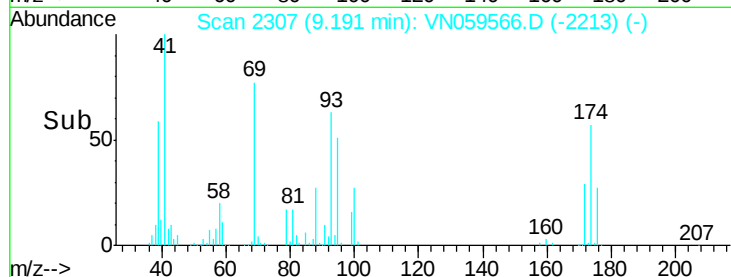
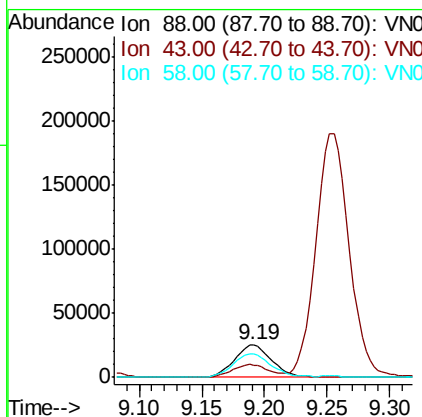
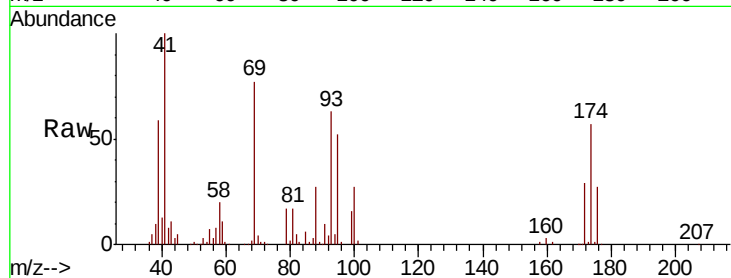
#49
1,4-Dioxane
Concen: 640.410 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	31.4	47.0
58	74.7	61.0	91.6

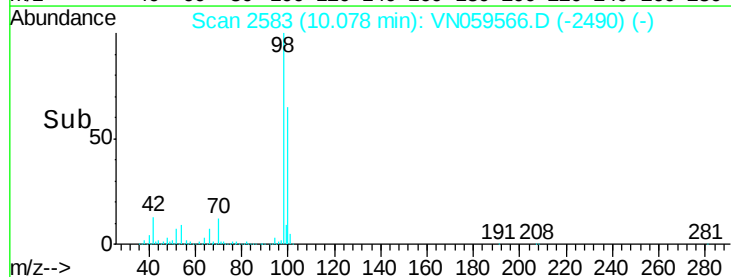
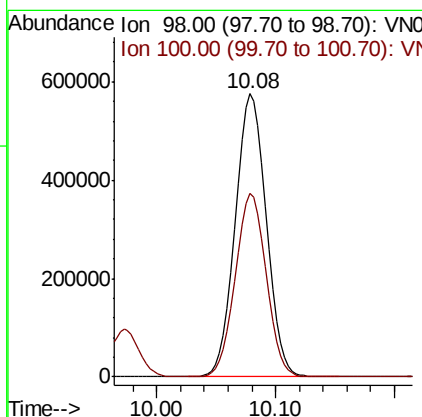
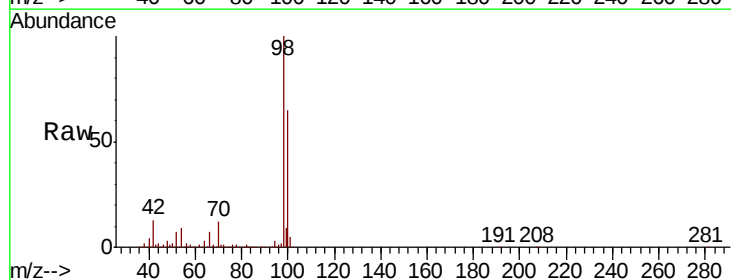
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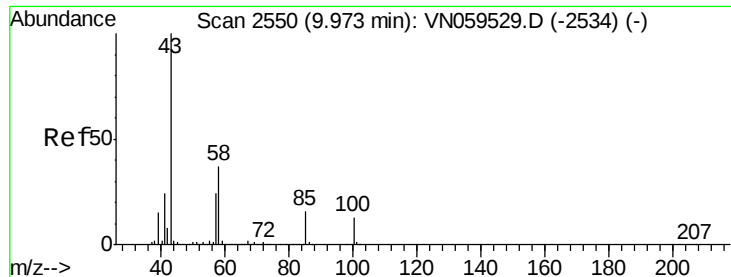
apatel
12/12/2019 9:25:40 AM



#50
Toluene-d8
Concen: 51.476 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 139.463 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1306654

Ion Ratio Lower Upper

43 100

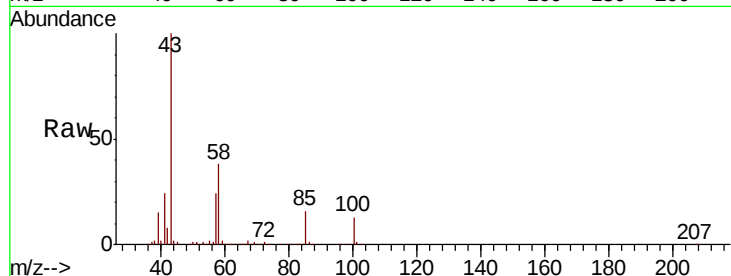
58 37.7 30.1 45.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

200000

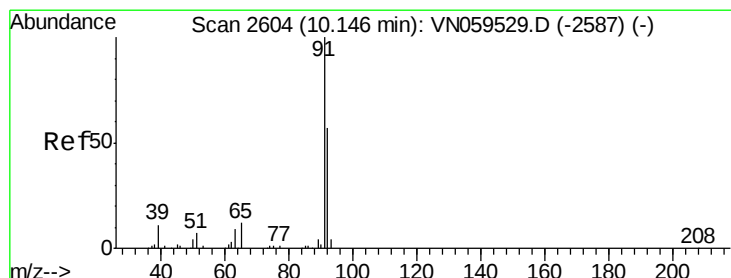
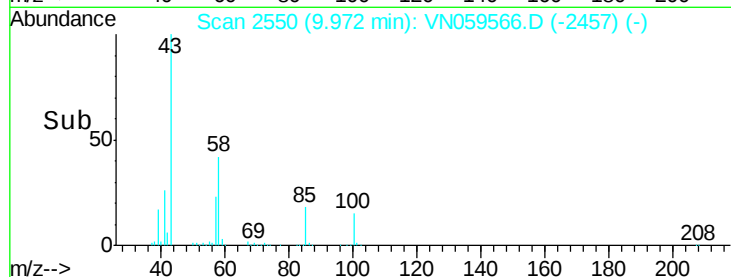
0

9.90

9.97

10.00

Time-->



#52

Toluene

Concen: 29.144 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059566.D

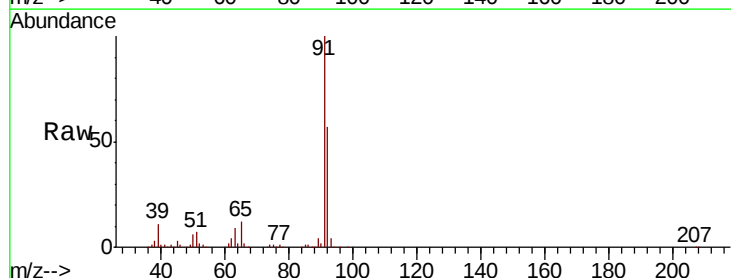
Acq: 11 Dec 2019 17:03

Tgt Ion: 92 Resp: 422671

Ion Ratio Lower Upper

92 100

91 174.8 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

200000

100000

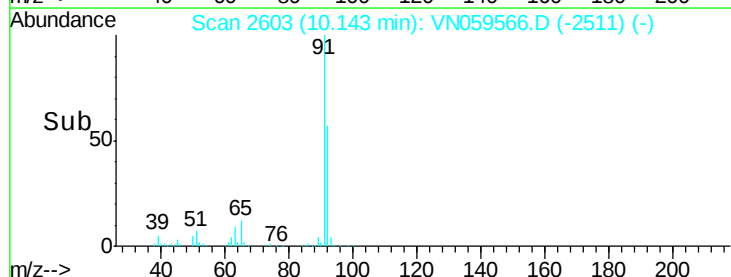
0

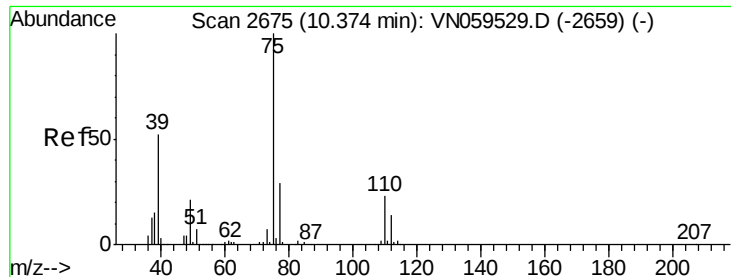
10.10

10.14

10.20

Time-->





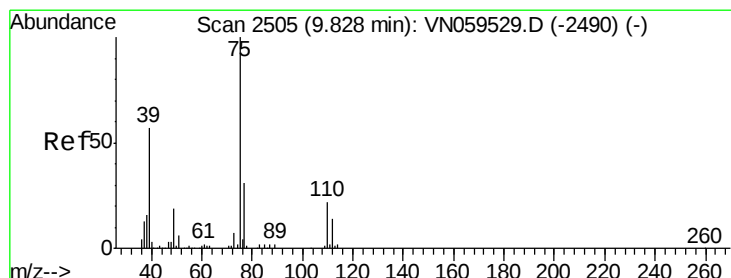
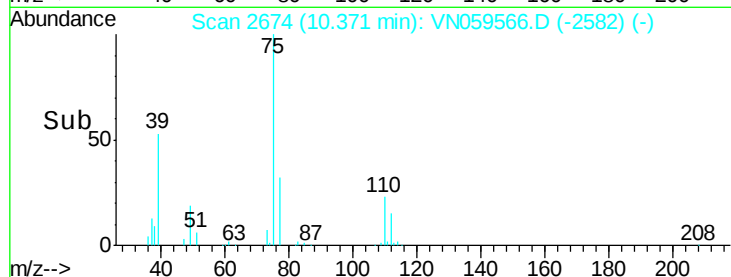
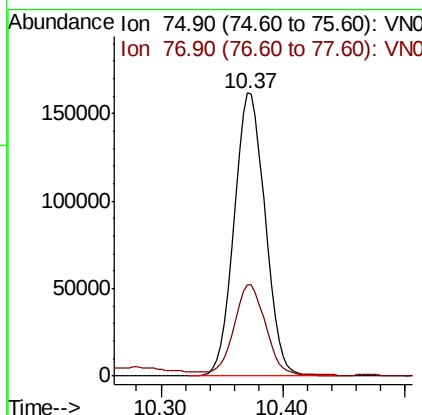
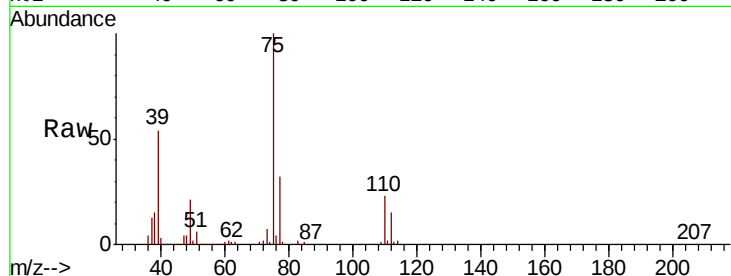
#53
 t-1,3-Dichloropropene
 Concen: 28.929 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 285463
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7

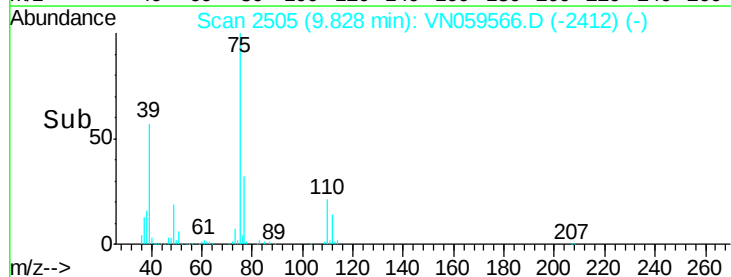
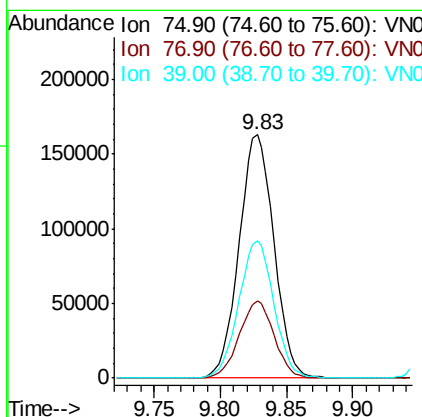
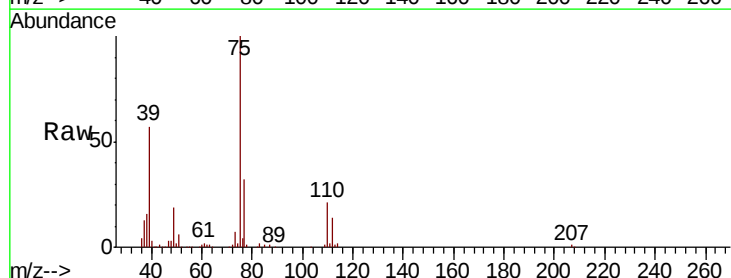
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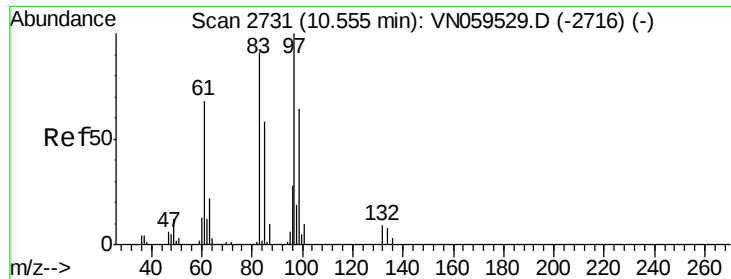
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 29.564 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion: 75 Resp: 298573
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8
 39 56.7 45.6 68.4





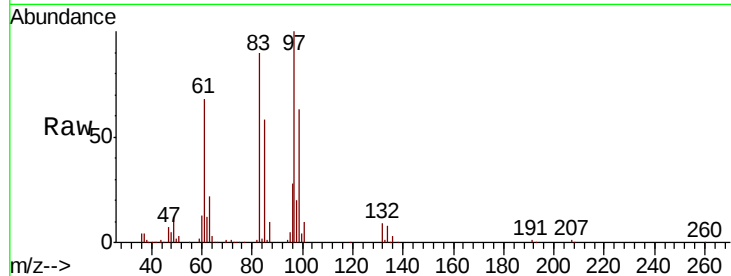
#55
 1,1,2-Trichloroethane
 Concen: 27.990 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	164175
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.9	109.3
85	57.8	46.1	69.1
99	63.1	50.8	76.2

Manual Integrations
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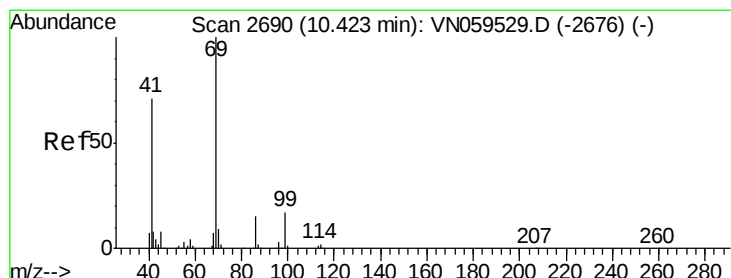
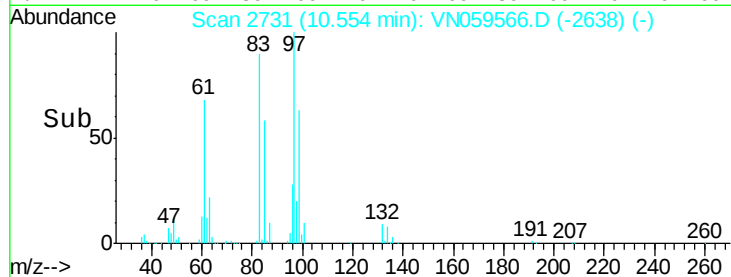
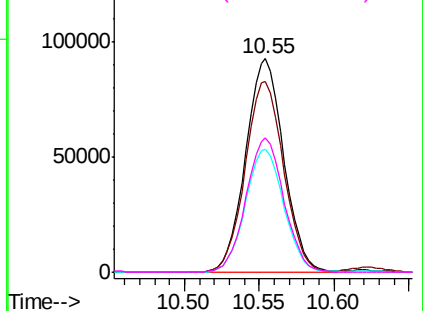


Abundance Ion 96.90 (96.60 to 97.60): VN059566.D (-2638) (-)

Ion 82.90 (82.60 to 83.60): VN059566.D (-2638) (-)

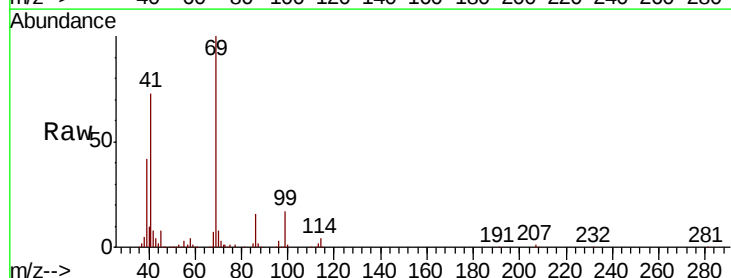
Ion 84.90 (84.60 to 85.60): VN059566.D (-2638) (-)

Ion 98.90 (98.60 to 99.60): VN059566.D (-2638) (-)



#56
 Ethyl methacrylate
 Concen: 26.833 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

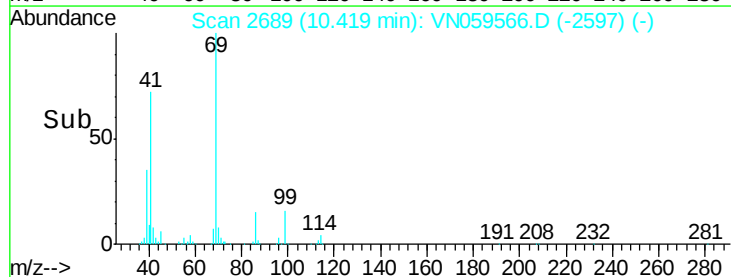
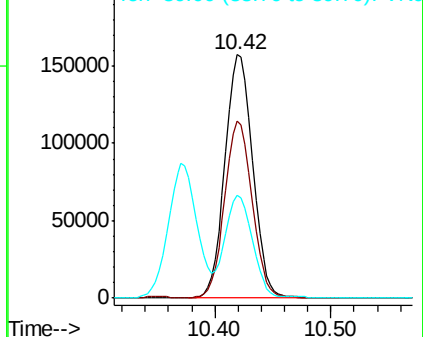
Tgt Ion:	69	Resp:	260718
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.7	86.5
39	42.2	34.2	51.2

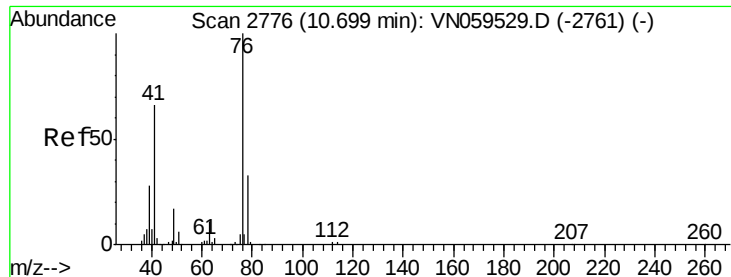


Abundance Ion 69.00 (68.70 to 69.70): VN059566.D (-2597) (-)

Ion 41.00 (40.70 to 41.70): VN059566.D (-2597) (-)

Ion 39.00 (38.70 to 39.70): VN059566.D (-2597) (-)





#57

1,3-Dichloropropane

Concen: 29.028 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 290790

Ion Ratio Lower Upper

76 100

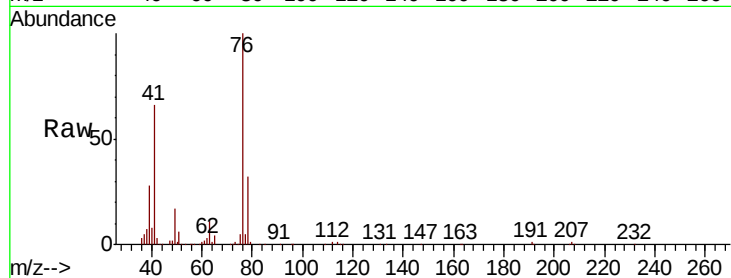
78 32.6 26.1 39.1

Manual Integrations

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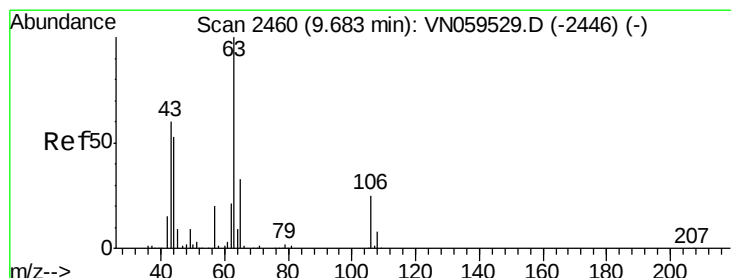
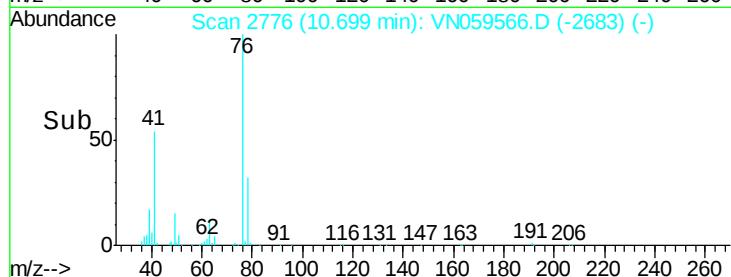
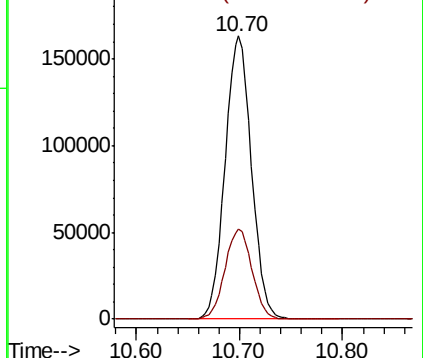
apatel

12/12/2019 9:25:40 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 118.229 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059566.D

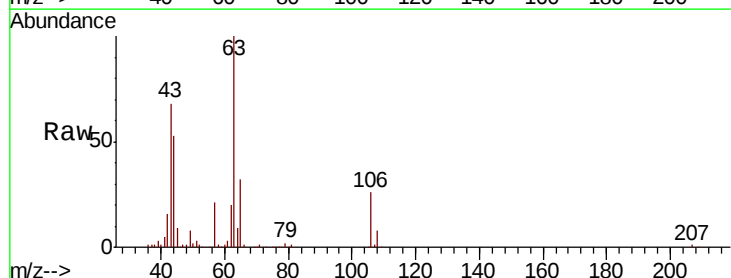
Acq: 11 Dec 2019 17:03

Tgt Ion: 63 Resp: 284088

Ion Ratio Lower Upper

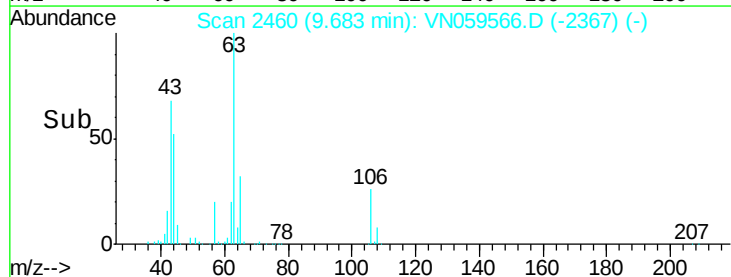
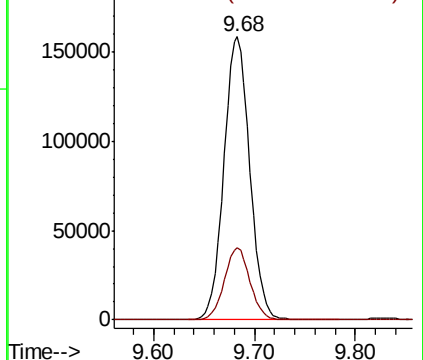
63 100

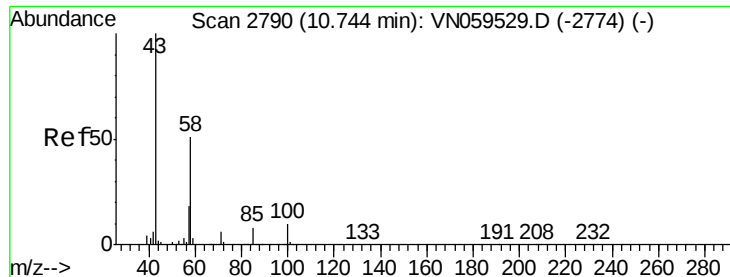
106 25.2 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 139.659 ug/l

RT: 10.74 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 989834

Ion Ratio Lower Upper

43 100

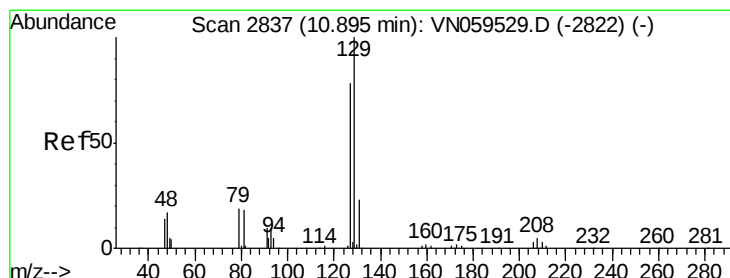
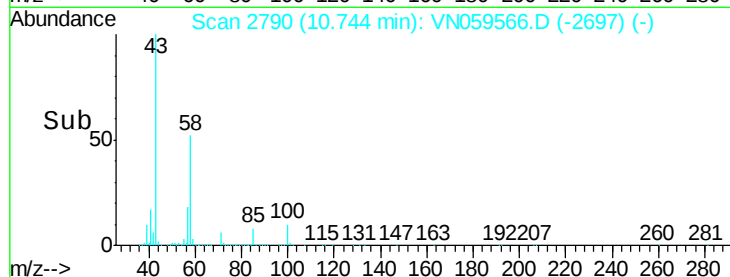
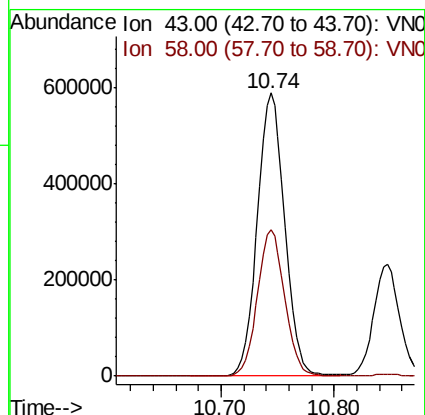
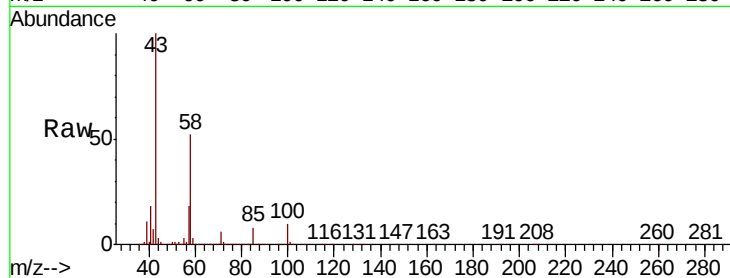
58 51.5 25.9 77.6

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#60

Dibromochloromethane

Concen: 26.763 ug/l

RT: 10.90 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN059566.D

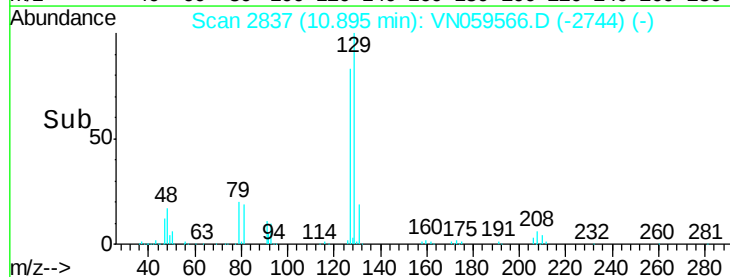
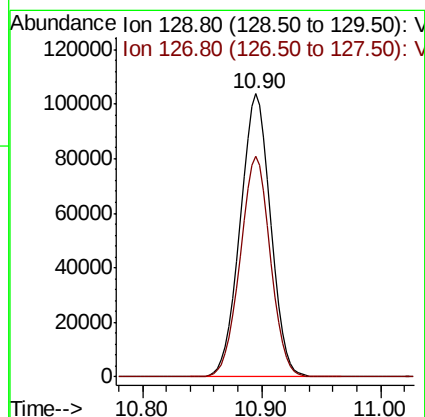
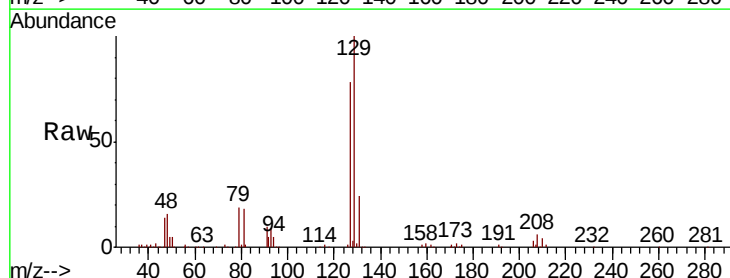
Acq: 11 Dec 2019 17:03

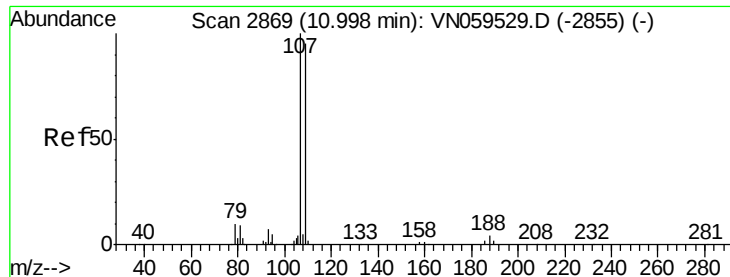
Tgt Ion: 129 Resp: 183868

Ion Ratio Lower Upper

129 100

127 77.4 38.9 116.6





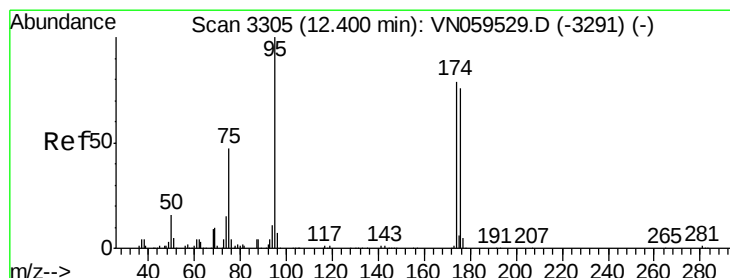
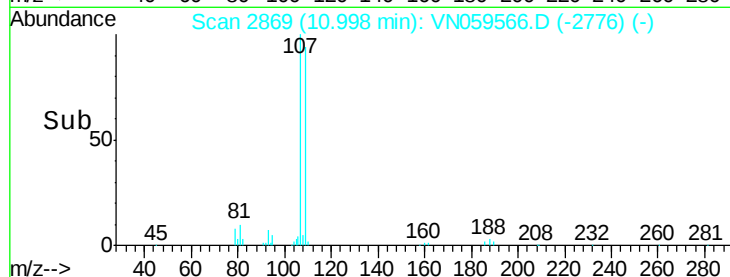
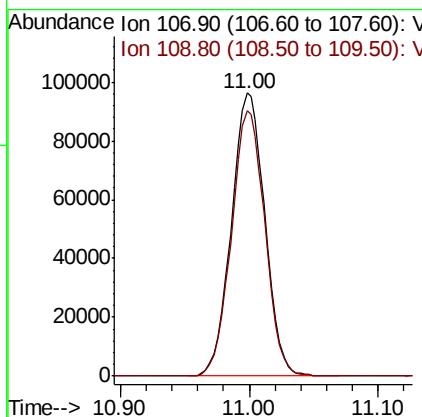
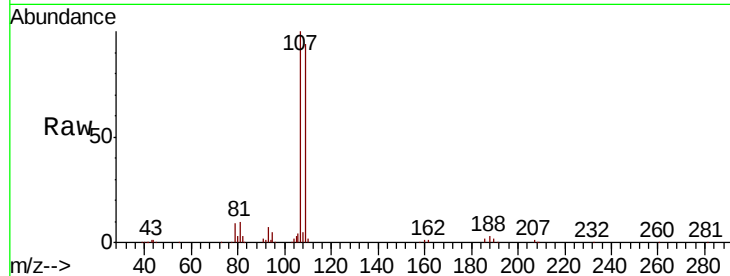
#61
 1,2-Dibromoethane
 Concen: 28.343 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.1	114.1

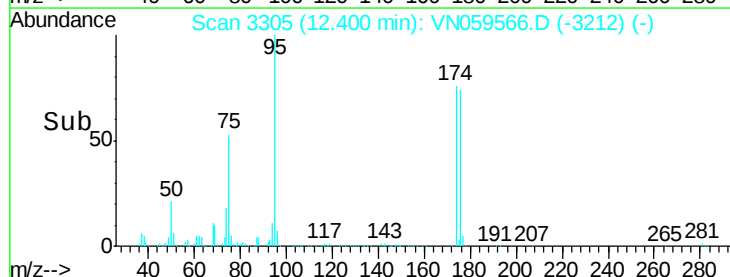
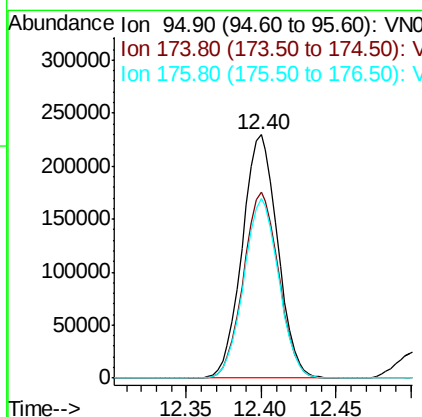
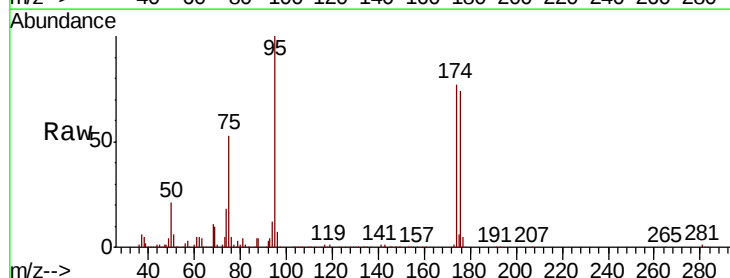
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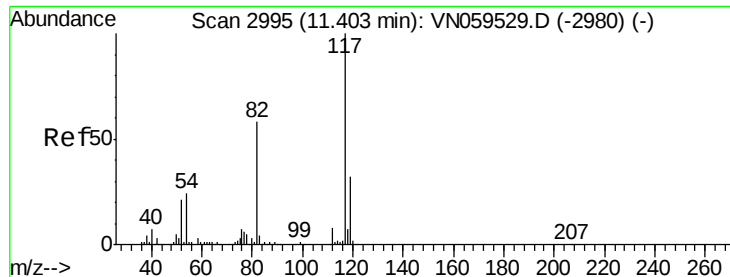
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.486 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	158.0
176	73.0	0.0	155.4





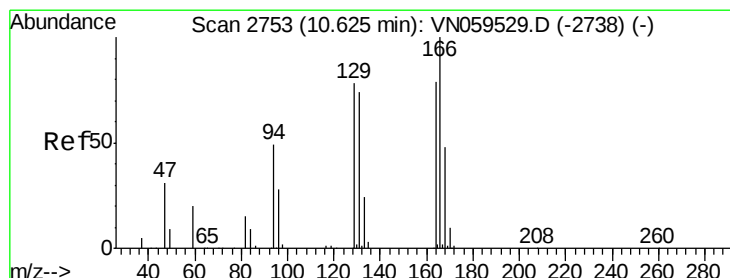
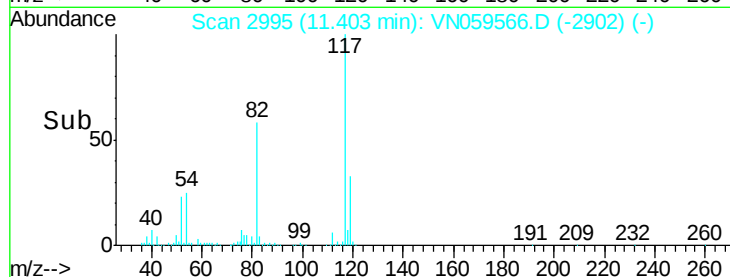
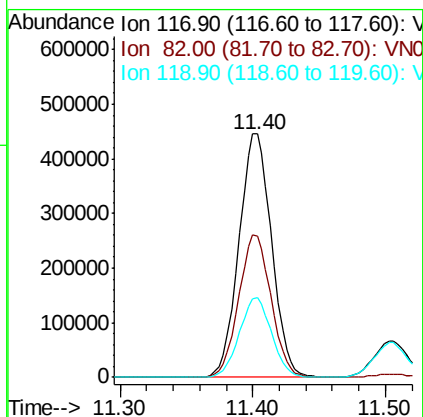
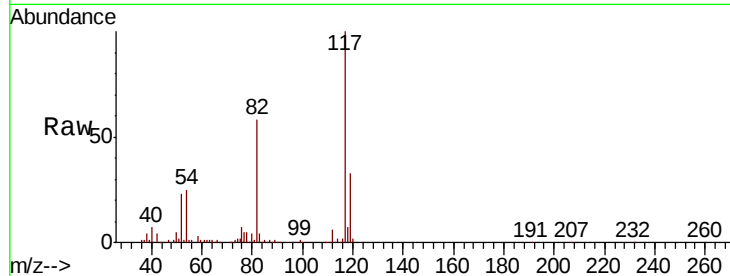
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.5	69.7
119	32.6	25.2	37.8

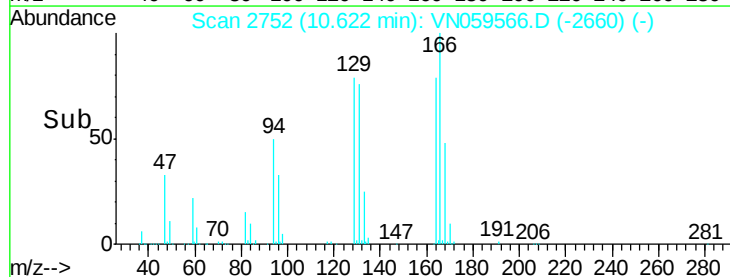
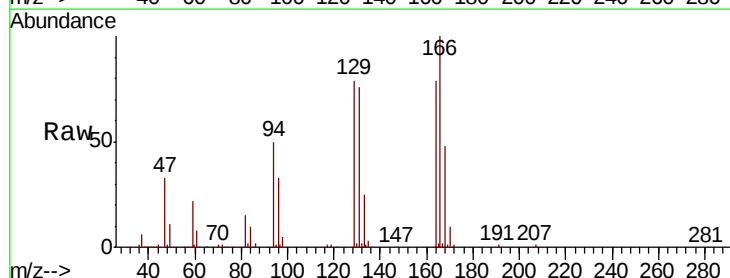
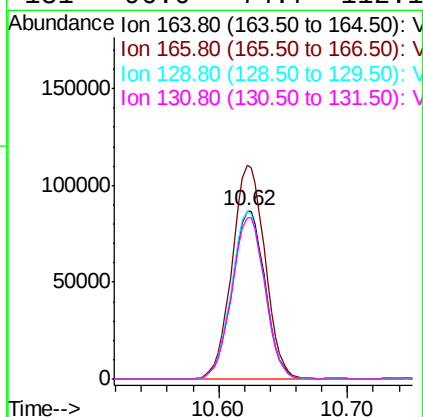
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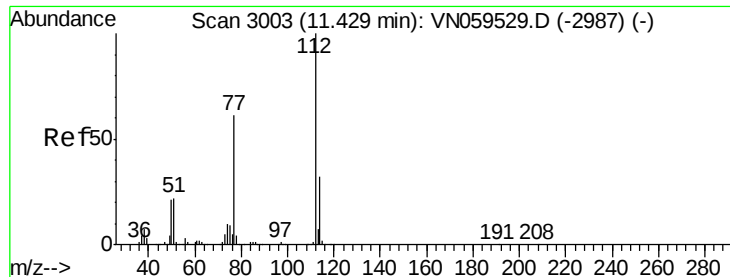
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#64
Tetrachloroethene
Concen: 27.664 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.6	152.4
129	99.8	79.0	118.6
131	96.0	74.7	112.1





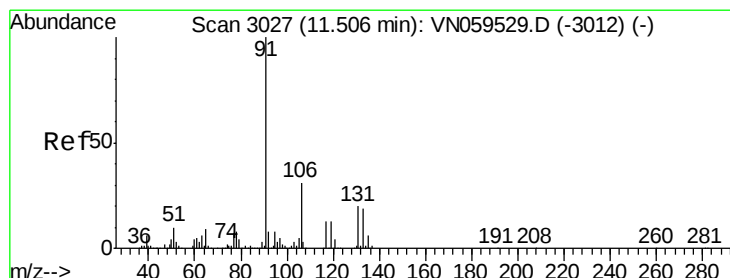
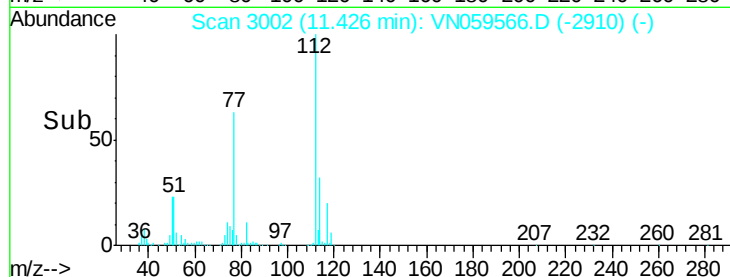
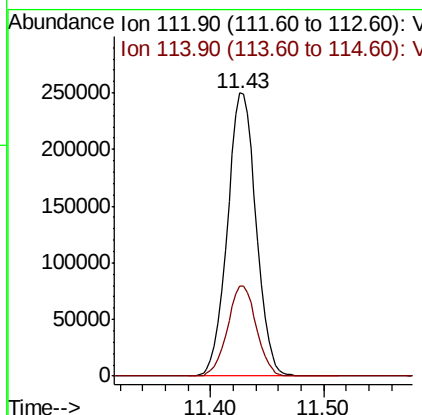
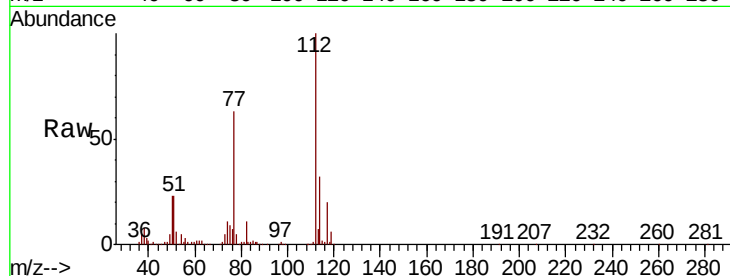
#65
Chlorobenzene
Concen: 27.499 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 439628
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

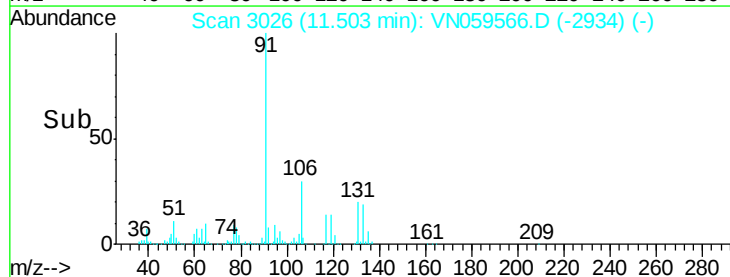
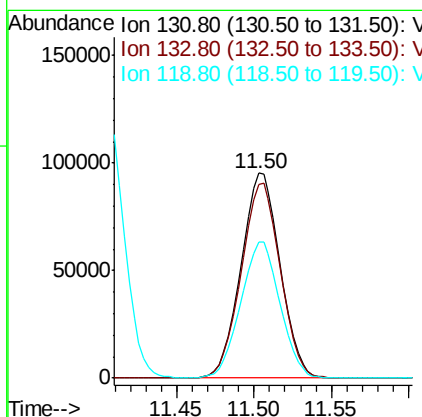
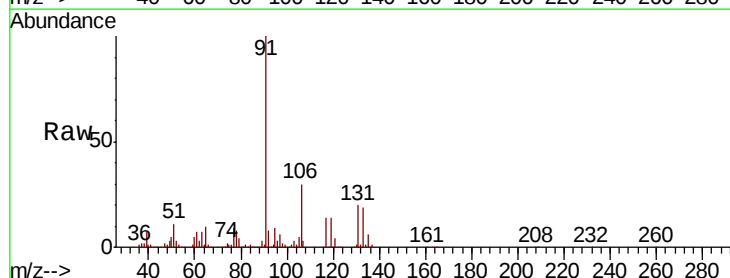
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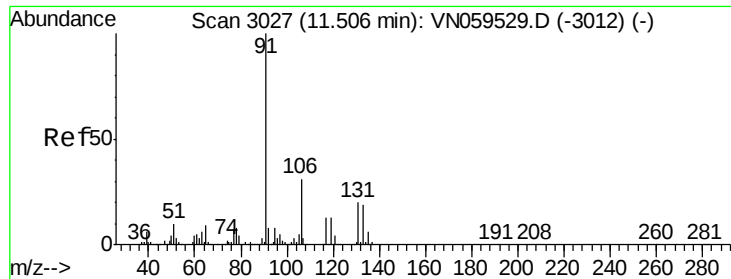
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#66
1,1,1,2-Tetrachloroethane
Concen: 28.065 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion:131 Resp: 167345
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 67.0 33.4 100.2





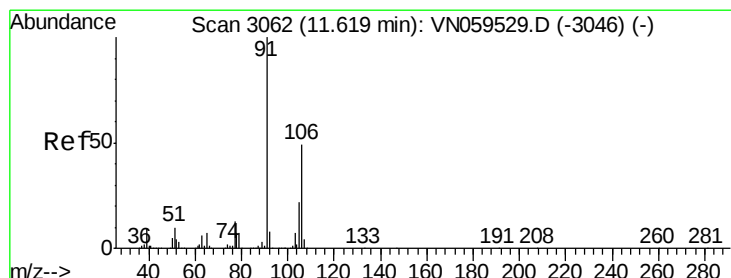
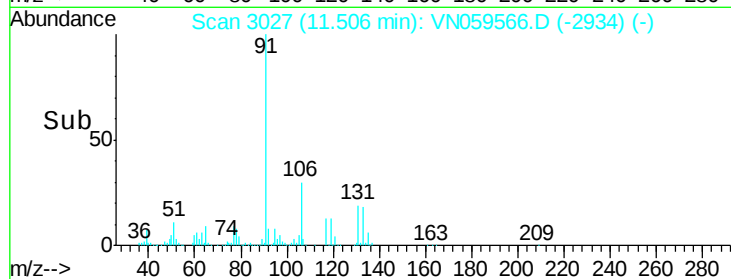
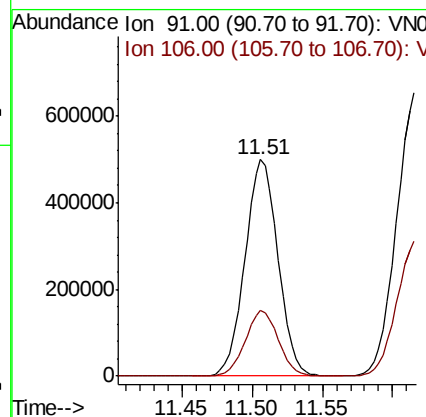
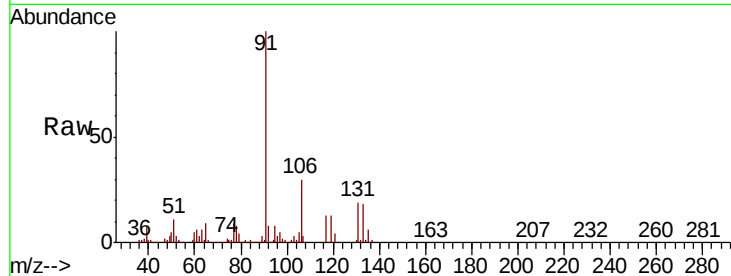
#67
Ethyl Benzene
Concen: 28.506 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.3	24.5	36.7	

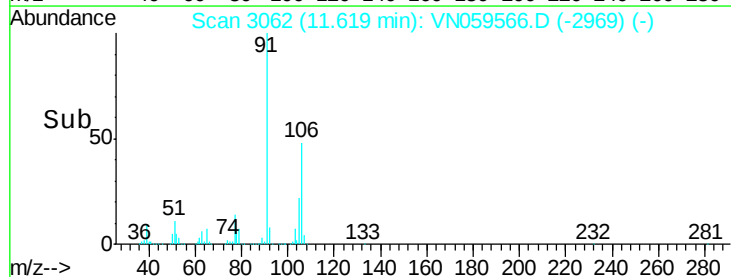
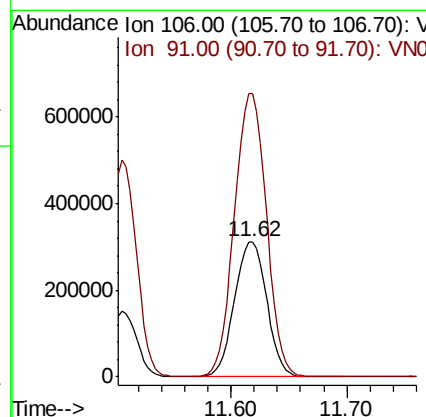
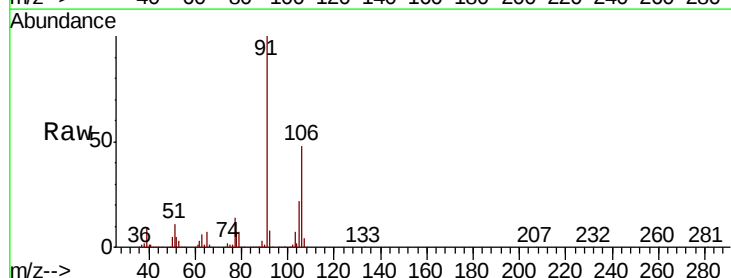
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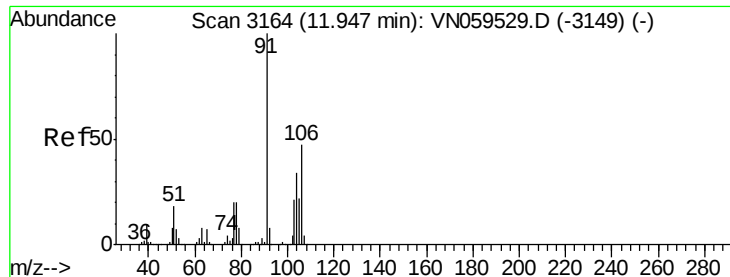
apatel
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#68
m/p-Xylenes
Concen: 55.711 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.1	162.9	244.3	





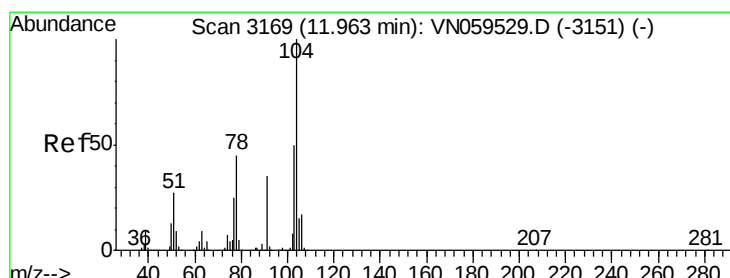
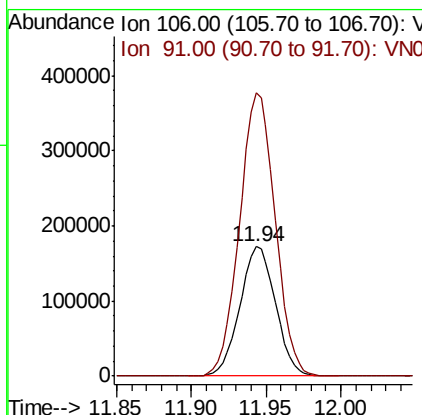
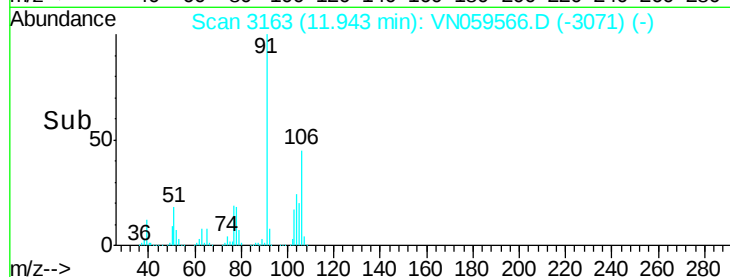
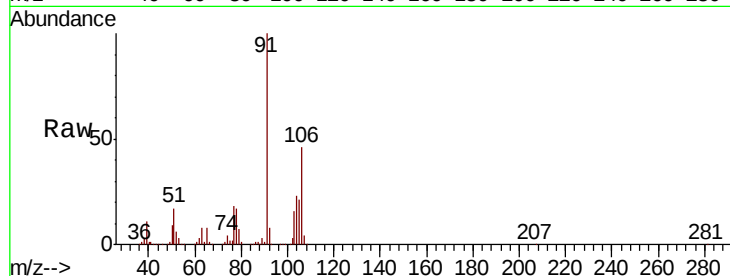
#69
o-Xylene
Concen: 28.472 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 286000
Ion Ratio Lower Upper
106 100
91 218.9 106.7 319.9

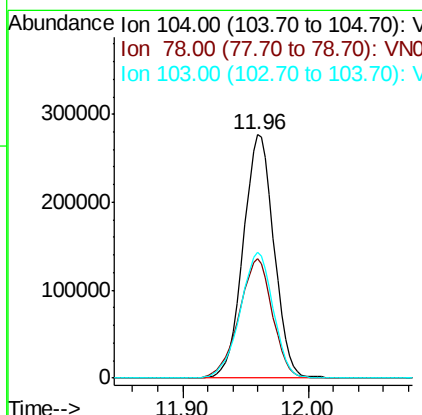
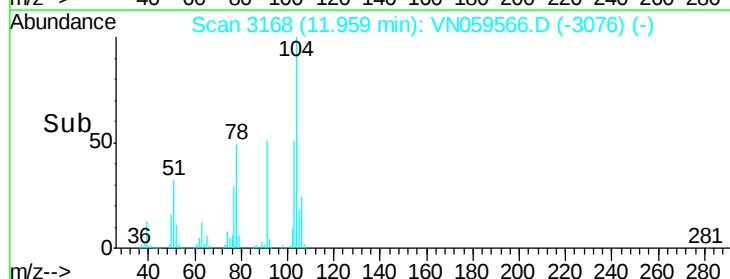
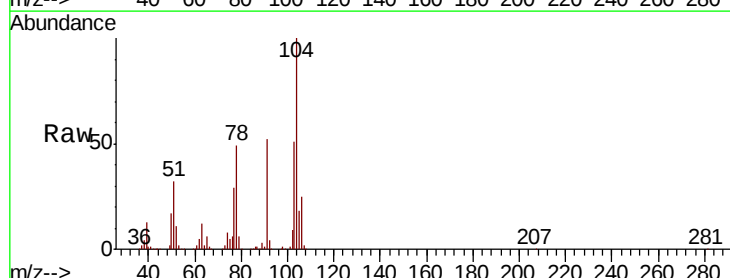
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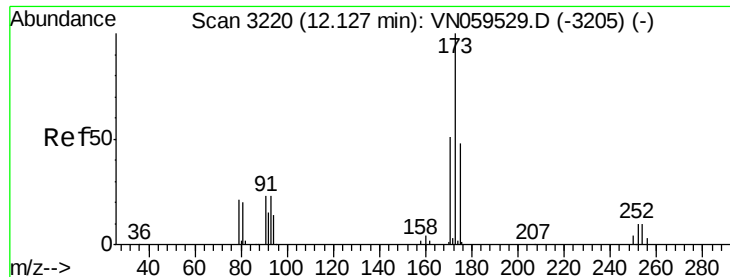
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#70
Styrene
Concen: 28.368 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion:104 Resp: 472091
Ion Ratio Lower Upper
104 100
78 53.2 40.6 60.8
103 55.5 43.9 65.9





#71

Bromoform

Concen: 28.055 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

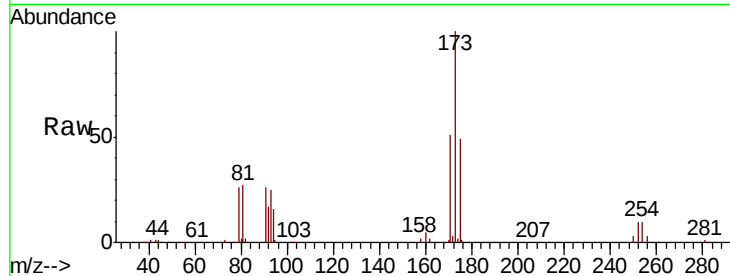
ClientSampleId :

VSTDCCC050EC

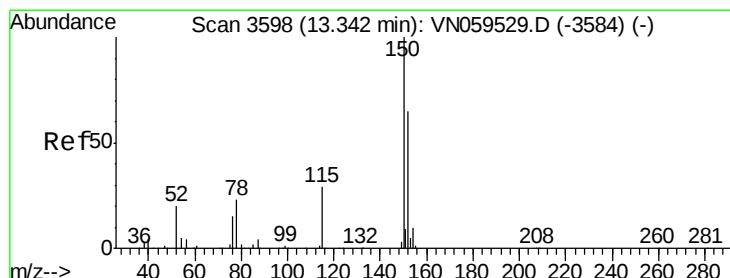
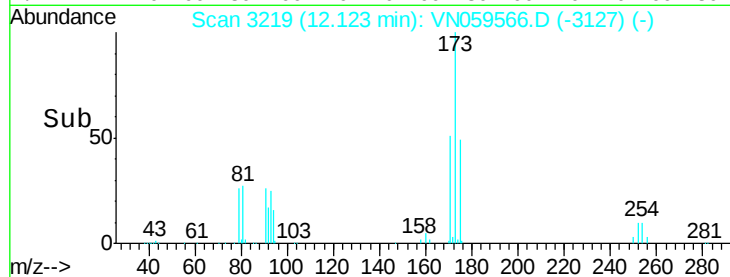
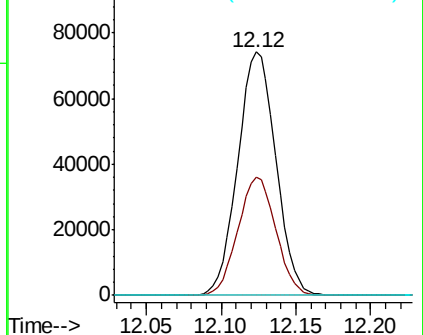
Tot Ion:	173	Resp:	131623
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.1	72.4
254	0.0	0.0	0.0

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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

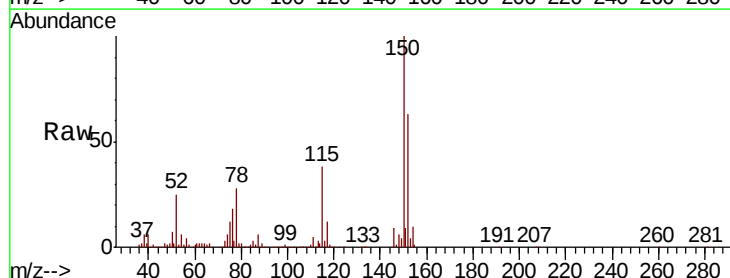
RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

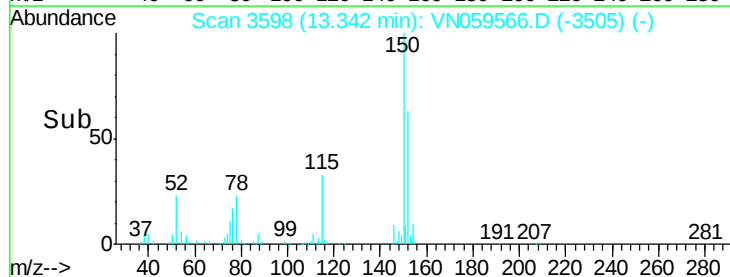
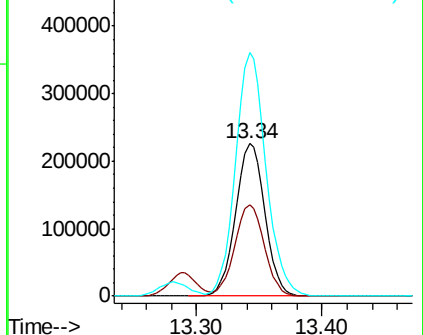
Lab File: VN059566.D

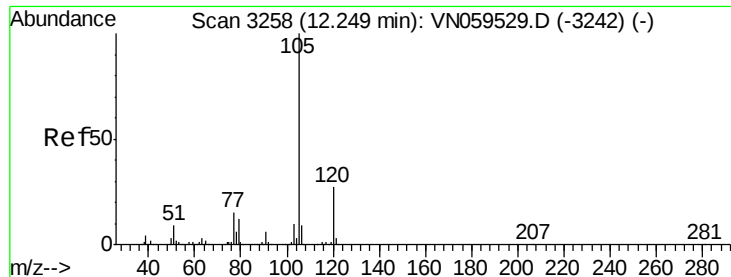
Acq: 11 Dec 2019 17:03

Tgt Ion:	152	Resp:	365810
Ion Ratio	Lower	Upper	
152	100		
115	60.5	29.4	88.2
150	166.5	0.0	342.4



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: 28.257 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 775361

Ion Ratio Lower Upper

105 100

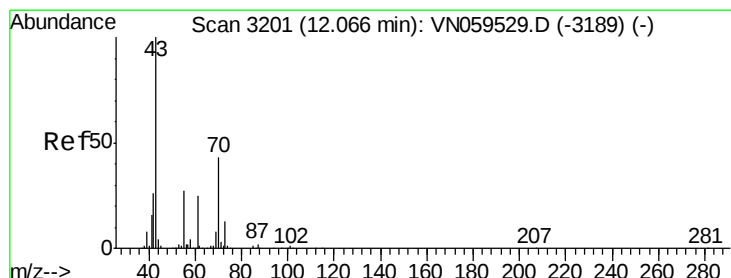
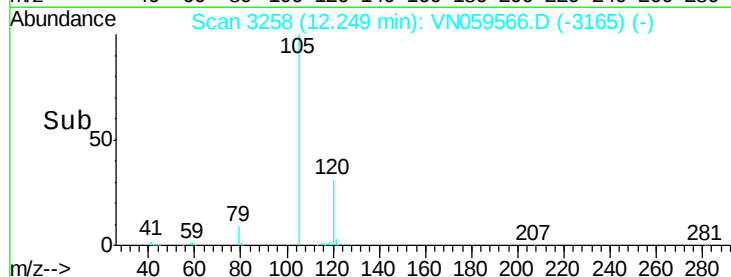
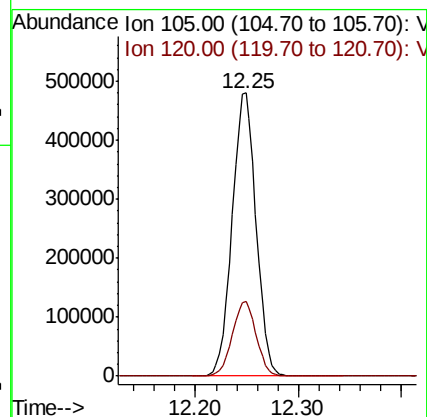
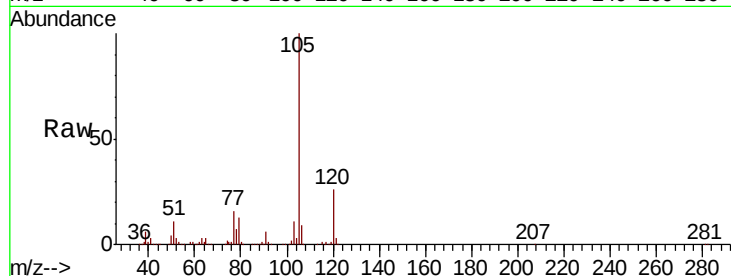
120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 30.054 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion: 43 Resp: 359223

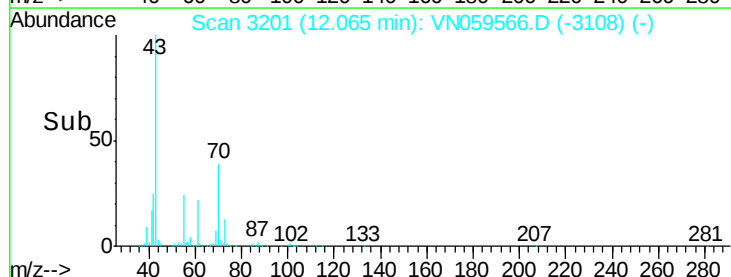
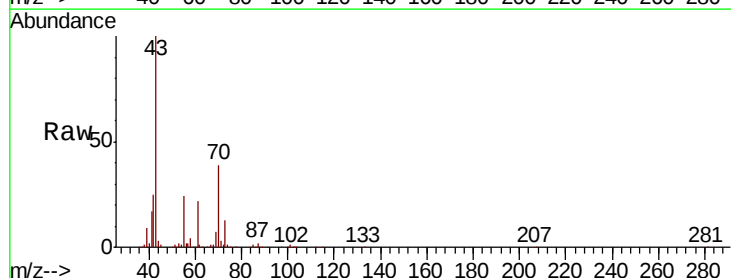
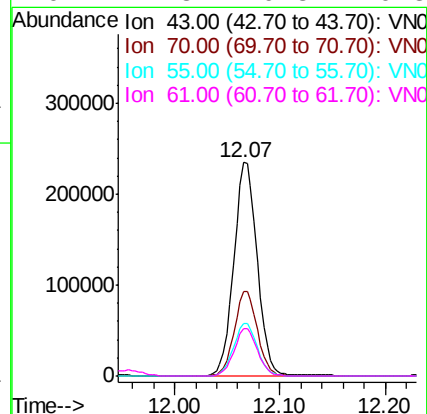
Ion Ratio Lower Upper

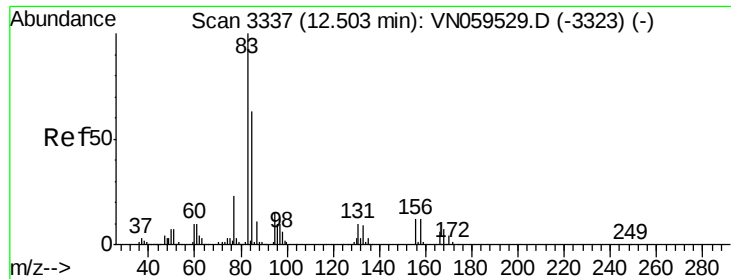
43 100

70 39.1 34.2 51.4

55 24.9 21.3 31.9

61 22.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 26.413 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 245589

Ion Ratio Lower Upper

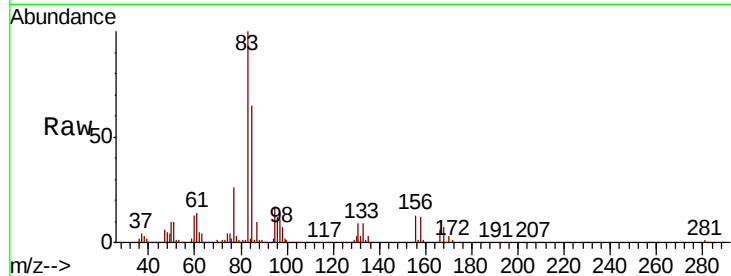
83 100

131 10.0 5.0 14.9

85 64.8 31.6 95.0

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Abundance Ion 82.90 (82.60 to 83.60): VN059566.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059566.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059566.D (-3244) (-)

200000

150000

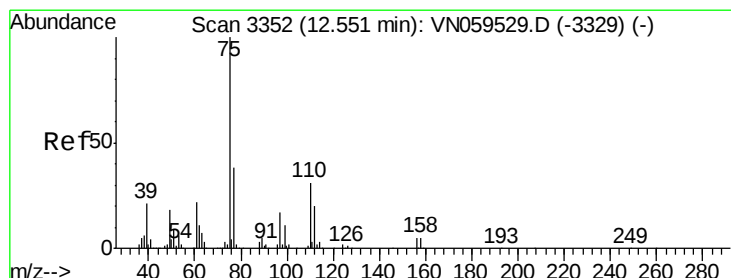
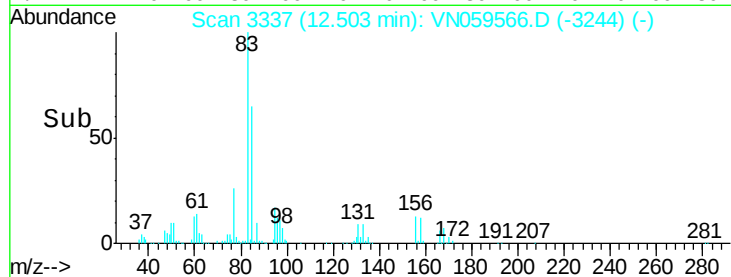
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.088 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059566.D

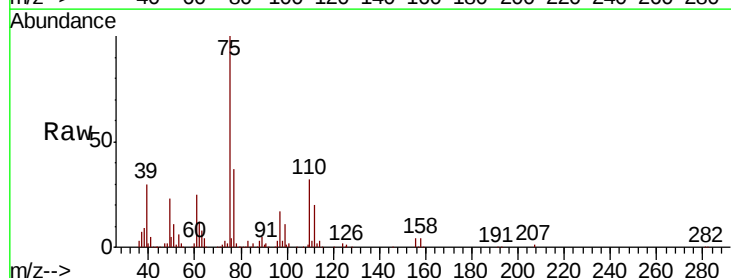
Acq: 11 Dec 2019 17:03

Tgt Ion: 75 Resp: 262759

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059566.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059566.D (-3259) (-)

250000

200000

150000

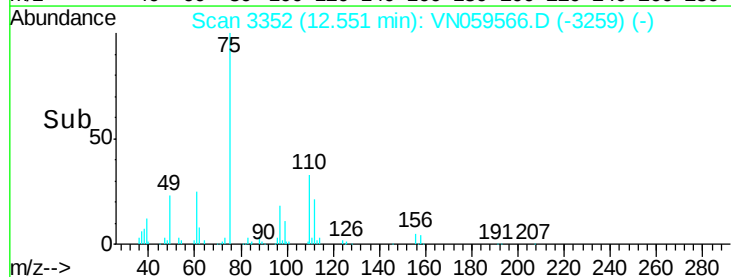
100000

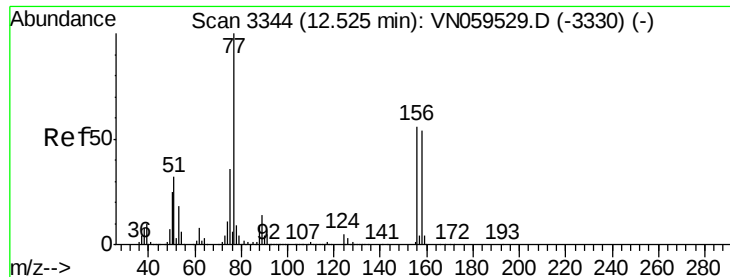
50000

0

12.50 12.55 12.60

Time-->





#77

Bromobenzene

Concen: 26.602 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

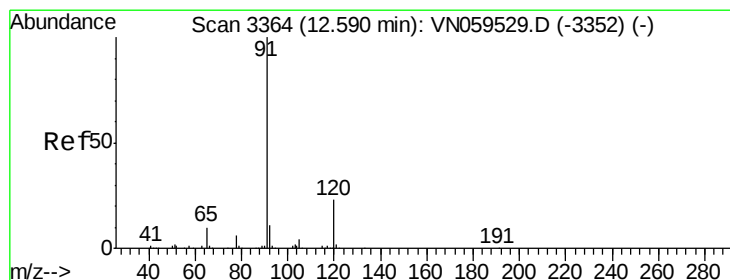
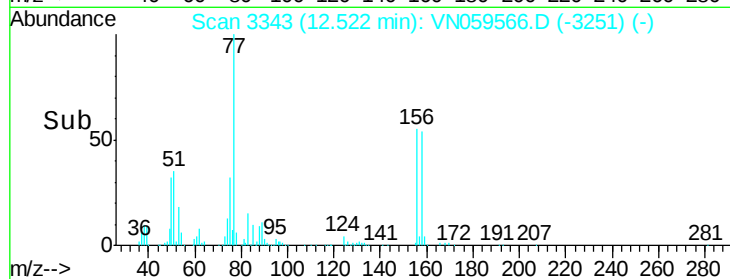
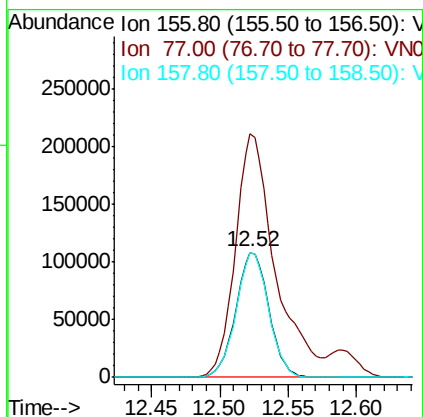
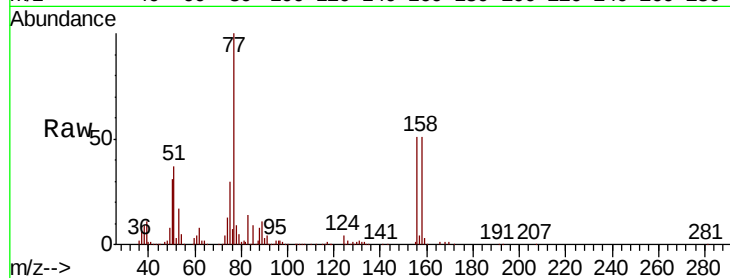
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	181727
Ion Ratio	Lower	Upper	
156	100		
77	234.1	109.3	327.8
158	98.5	48.6	145.8

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#78

n-propylbenzene

Concen: 27.853 ug/l

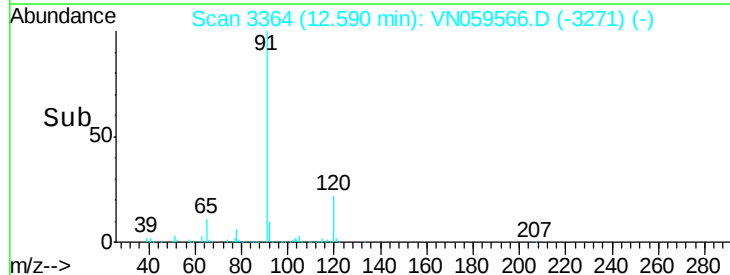
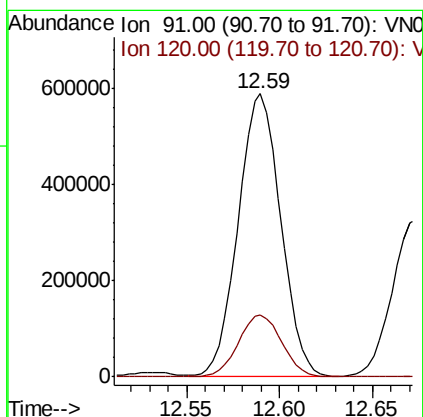
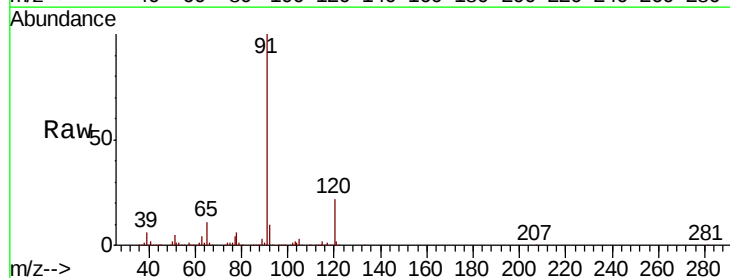
RT: 12.59 min Scan# 3364

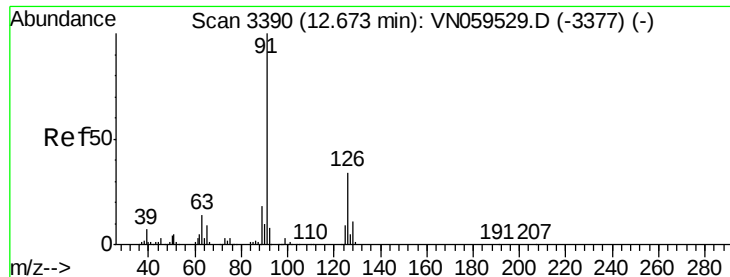
Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion:	91	Resp:	939174
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.4	34.1





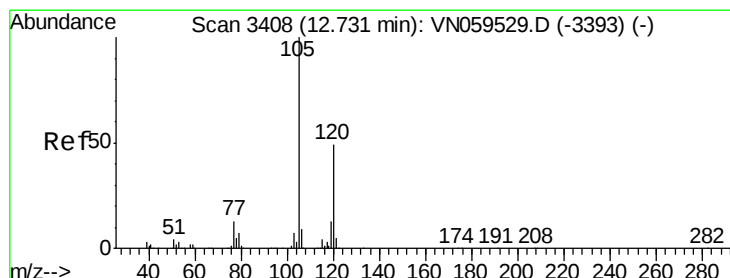
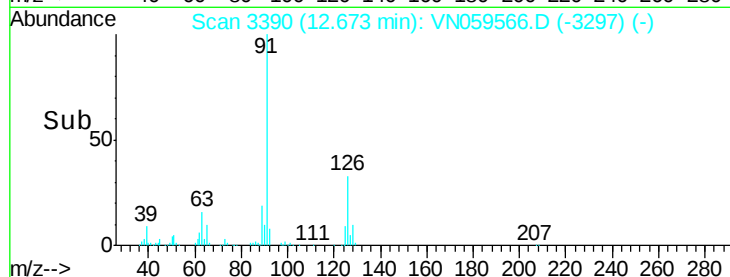
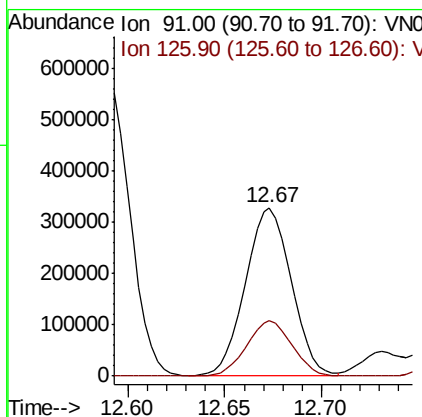
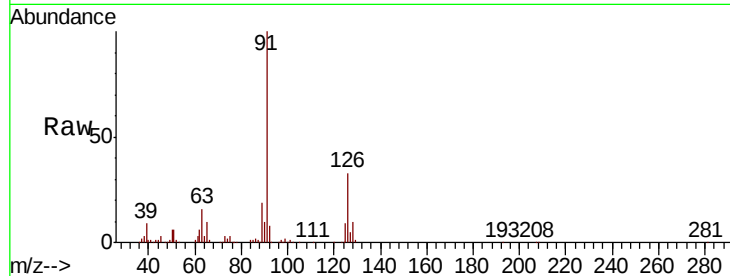
#79
 2-Chlorotoluene
 Concen: 27.014 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 543160
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.9 50.7

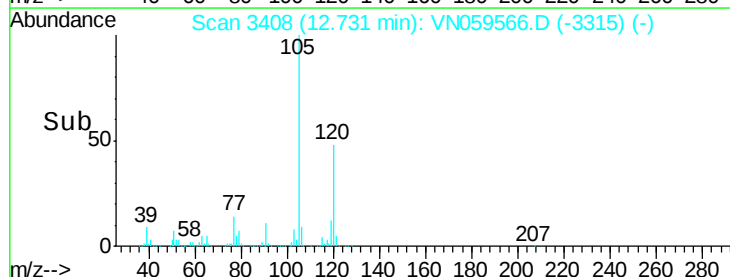
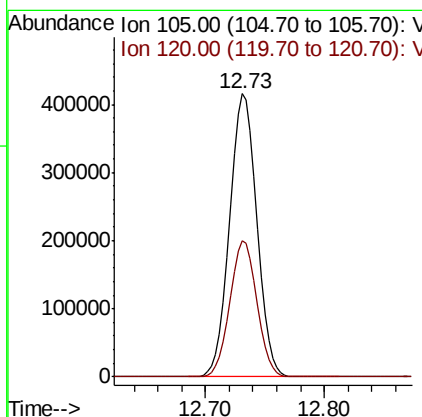
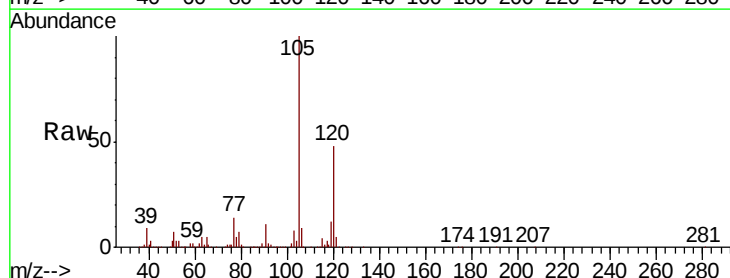
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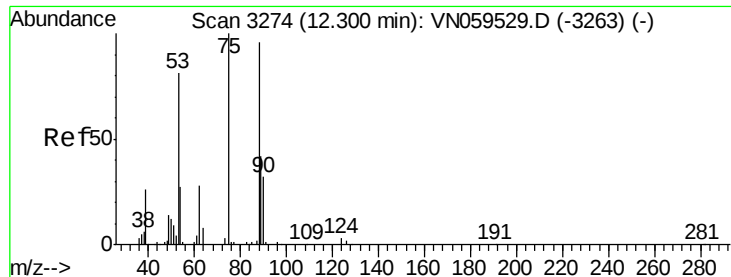
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#80
 1,3,5-Trimethylbenzene
 Concen: 27.969 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion: 105 Resp: 658120
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.5 73.5





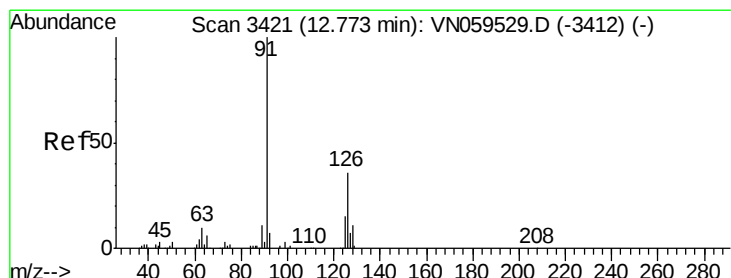
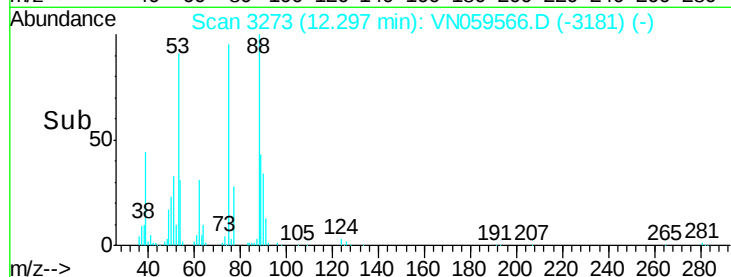
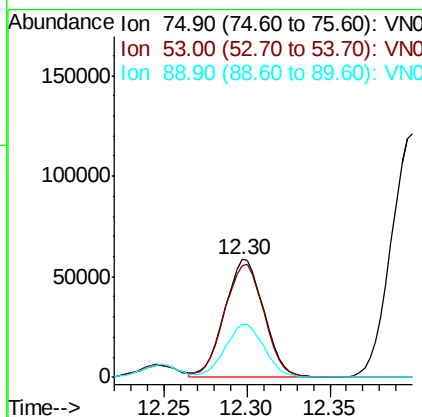
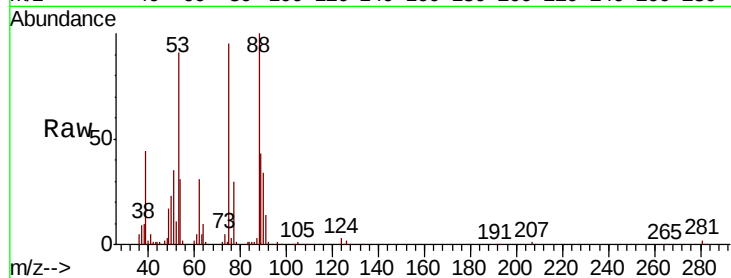
#81
trans-1,4-Dichloro-2-butene
Concen: 27.469 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	67.0	100.6
89	45.1	35.5	53.3

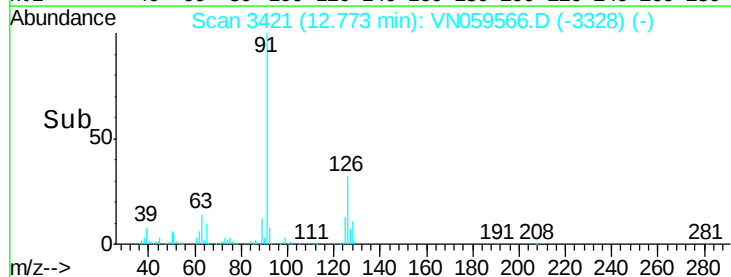
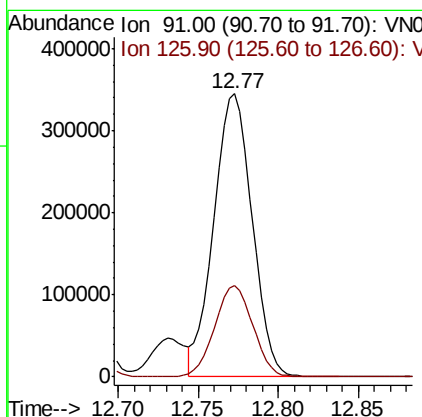
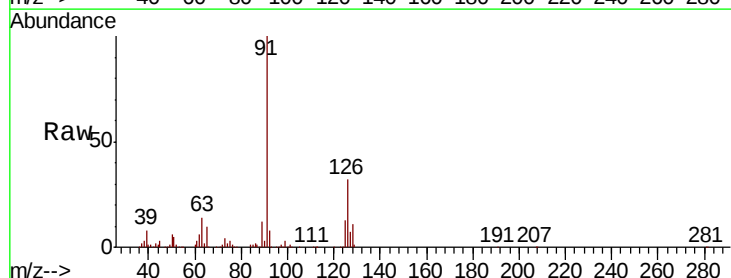
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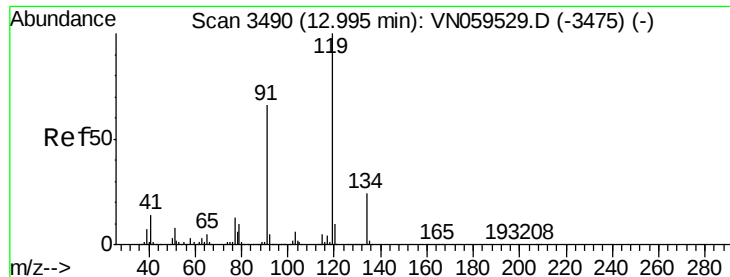
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#82
4-Chlorotoluene
Concen: 27.640 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.4





#83

tert-Butylbenzene

Concen: 27.967 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Instrument :

MSVOA_N

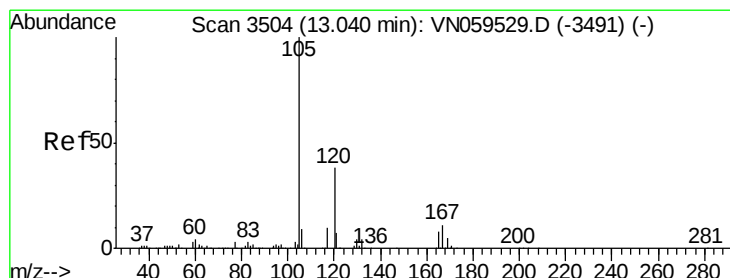
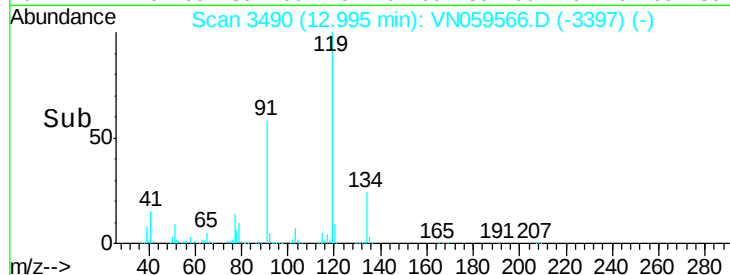
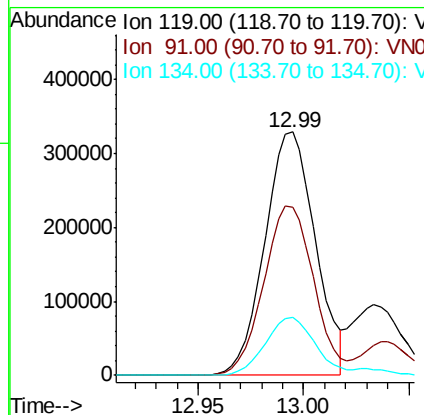
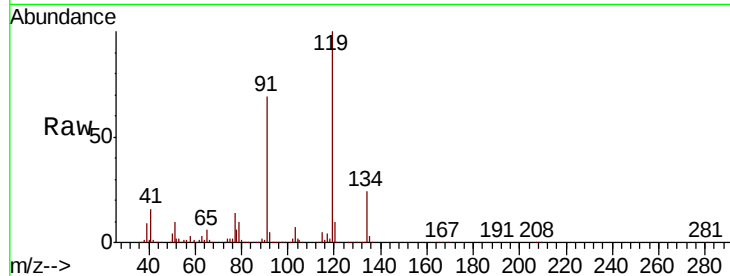
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	548761
Ion Ratio	Lower	Upper	
119	100		
91	68.7	32.8	98.4
134	23.7	12.8	38.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 28.235 ug/l

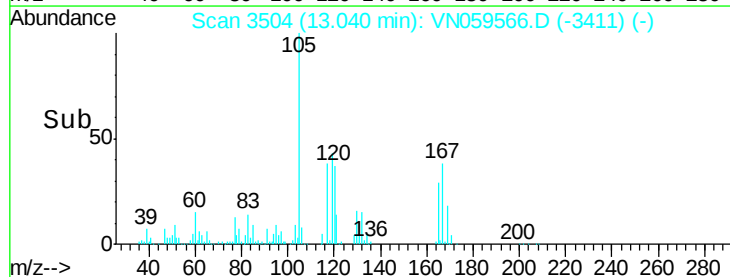
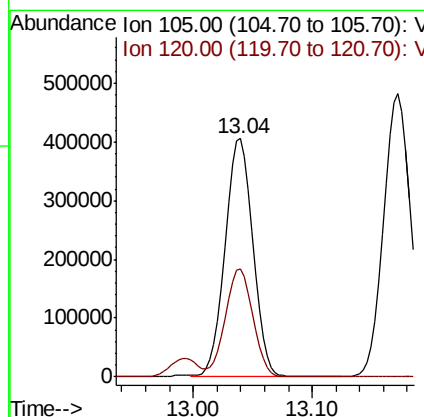
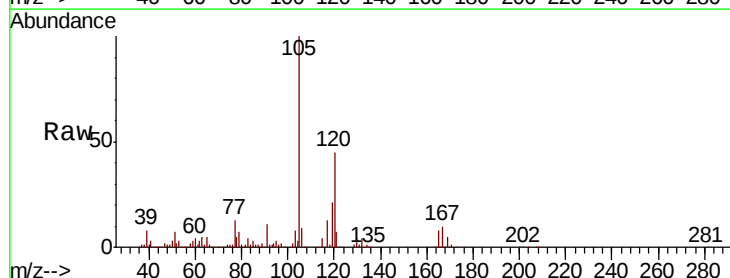
RT: 13.04 min Scan# 3504

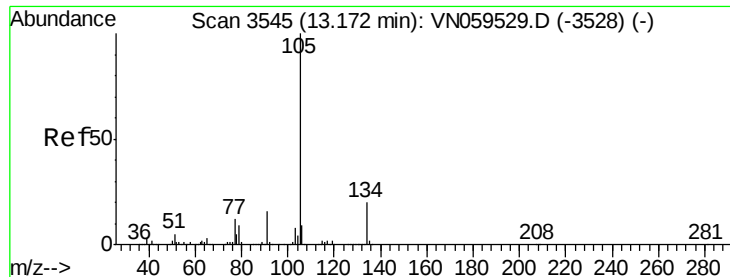
Delta R.T. -0.00 min

Lab File: VN059566.D

Acq: 11 Dec 2019 17:03

Tgt Ion:	105	Resp:	656019
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.8	68.3





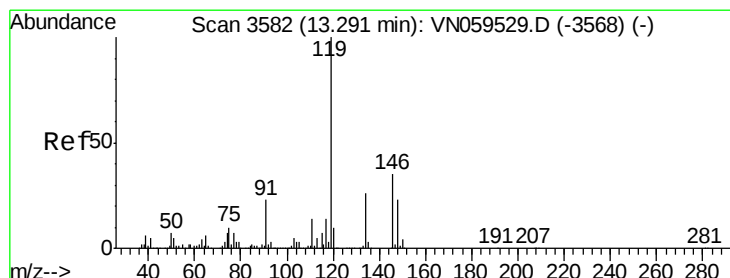
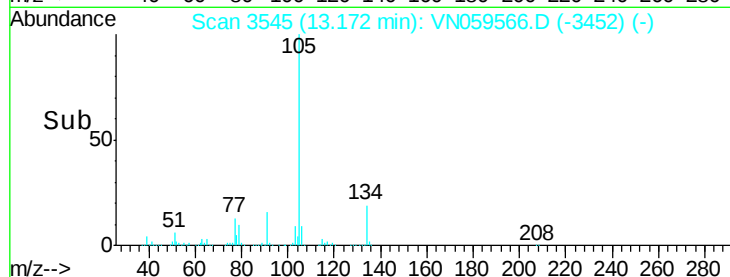
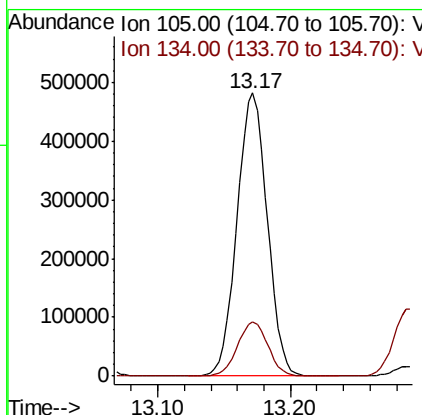
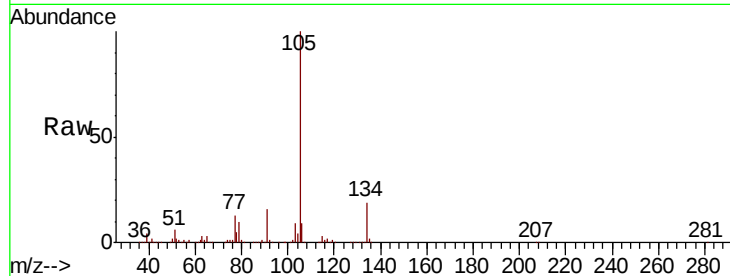
#85
 sec-Butylbenzene
 Concen: 28.222 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

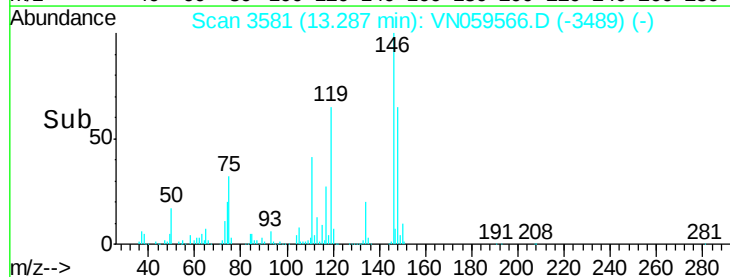
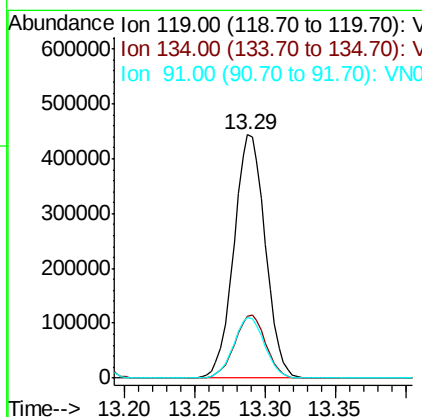
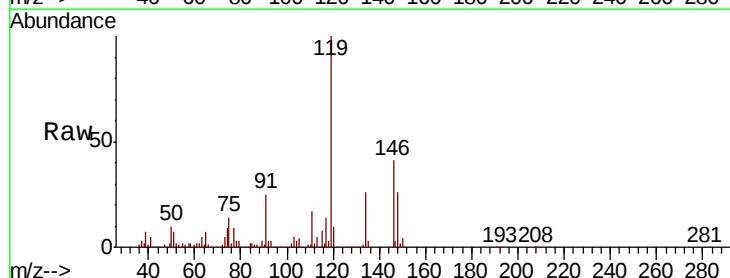
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#86
 p-Isopropyltoluene
 Concen: 28.648 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	24.6	11.7	35.1





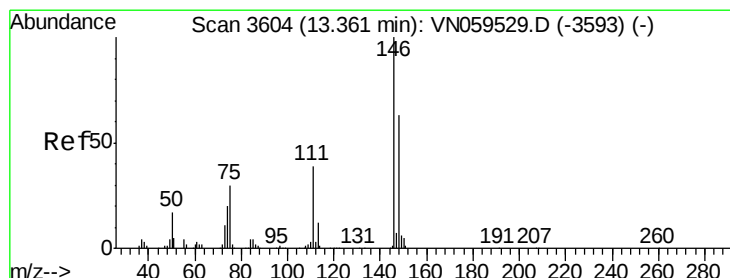
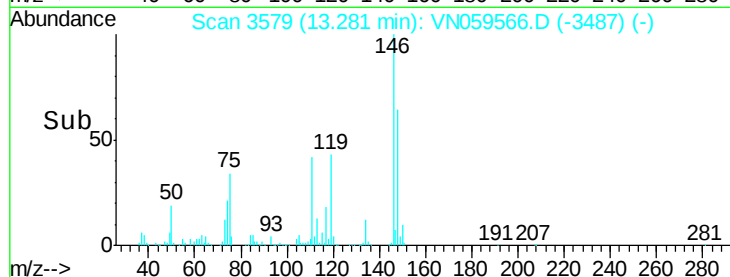
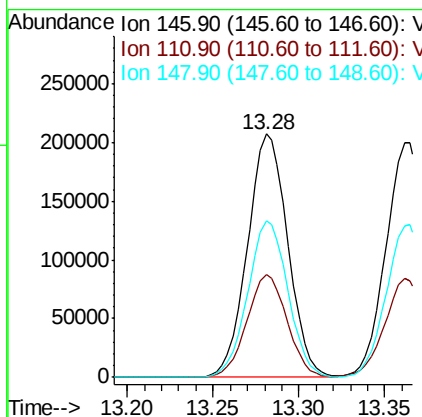
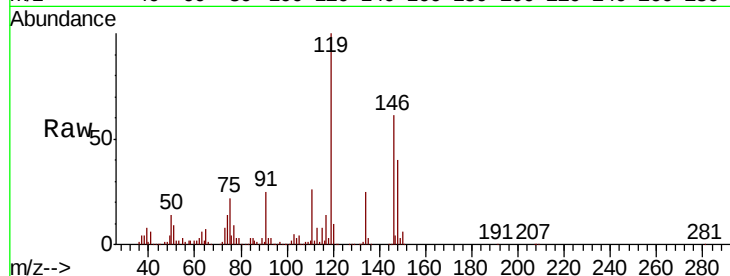
#87
 1,3-Dichlorobenzene
 Concen: 26.702 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.0	20.6	61.8	
148	64.1	32.0	96.0	

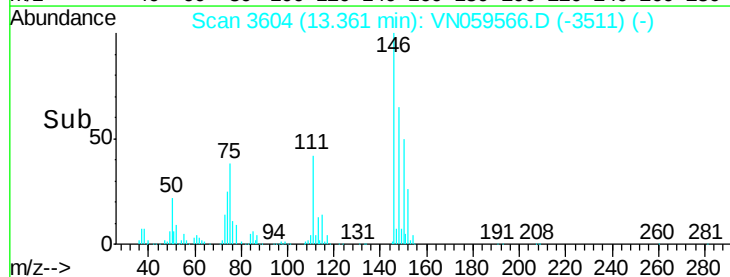
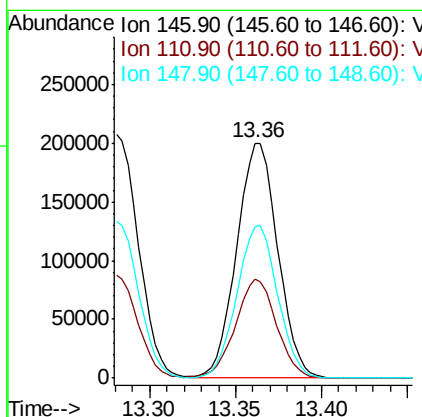
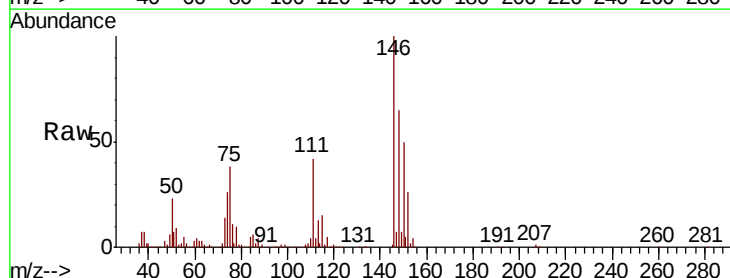
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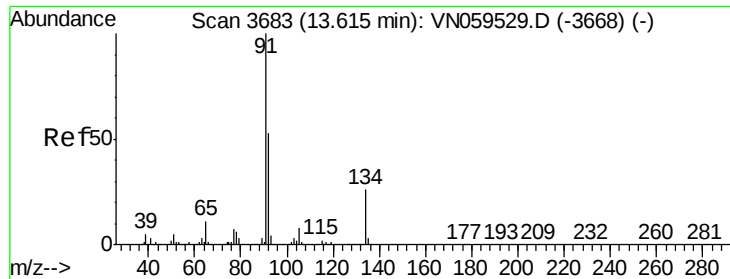
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#88
 1,4-Dichlorobenzene
 Concen: 26.843 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.1	20.0	59.9	
148	64.8	31.9	95.7	





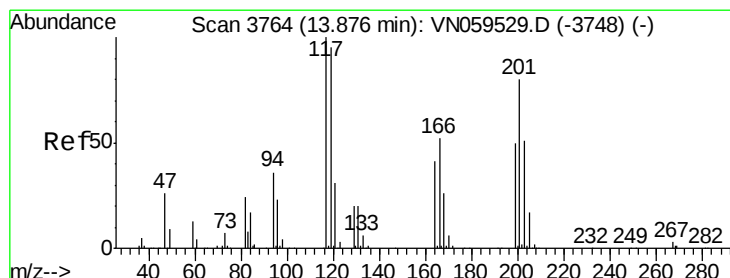
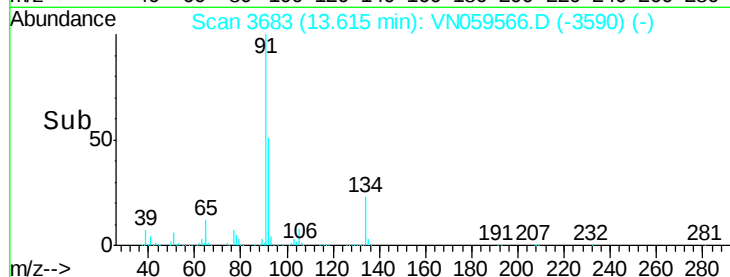
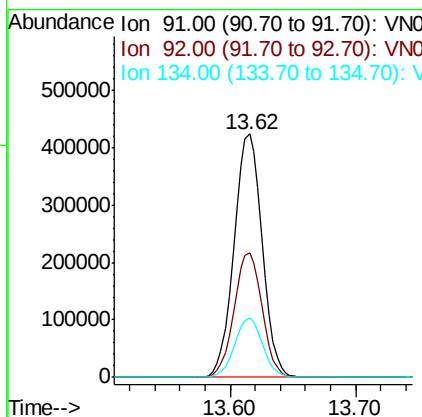
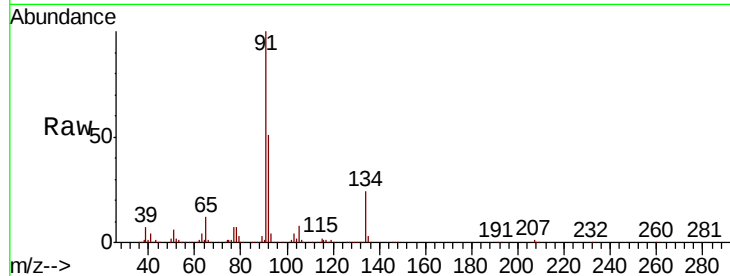
#89
n-Butylbenzene
Concen: 29.130 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.3	78.9
134	24.2	12.8	38.4

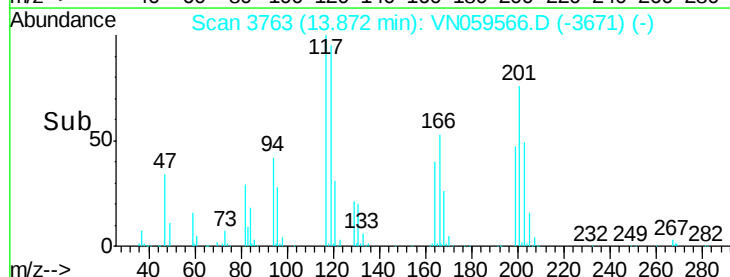
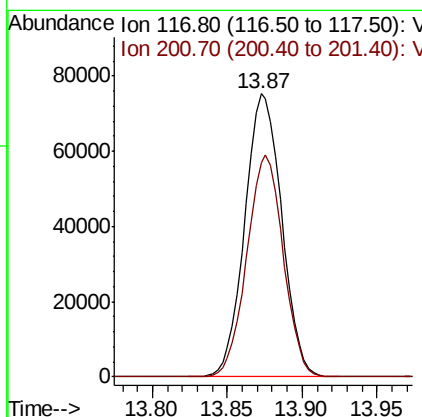
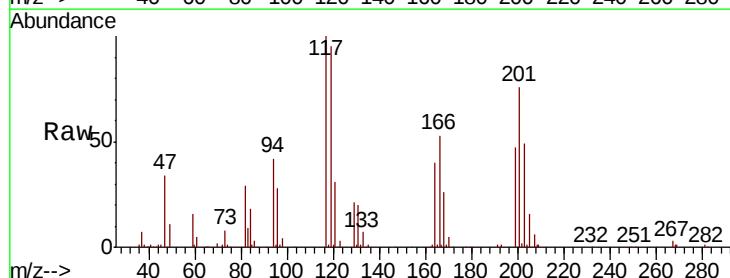
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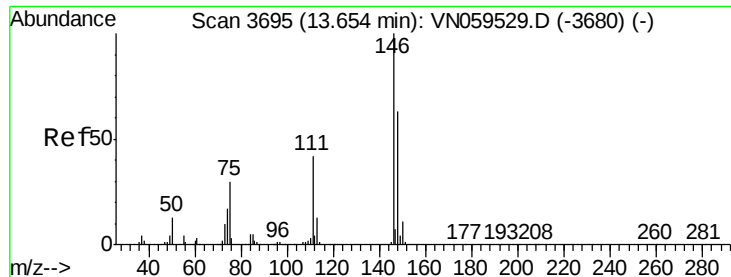
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#90
Hexachloroethane
Concen: 29.246 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	40.5	121.5





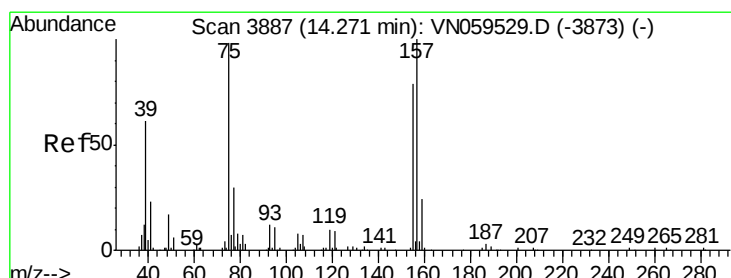
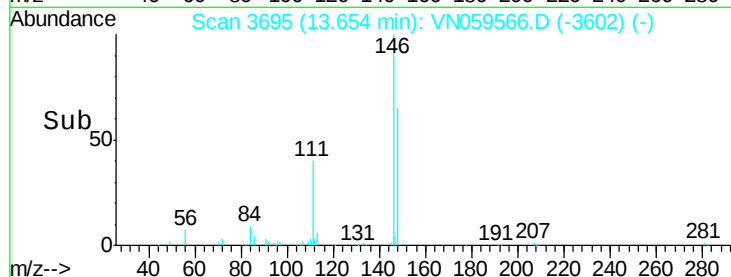
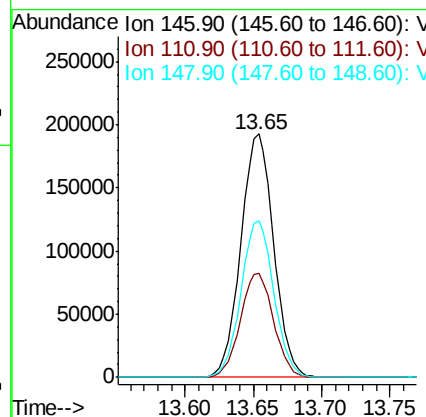
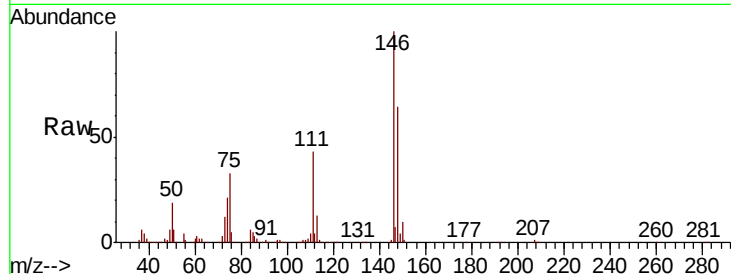
#91
 1,2-Dichlorobenzene
 Concen: 27.322 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.9	62.7
148	64.2	31.6	94.8

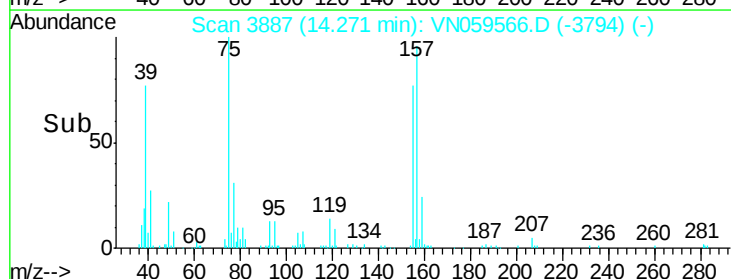
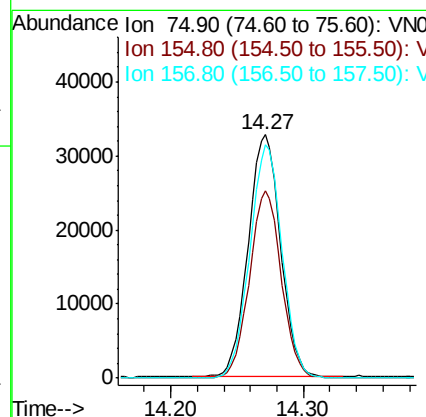
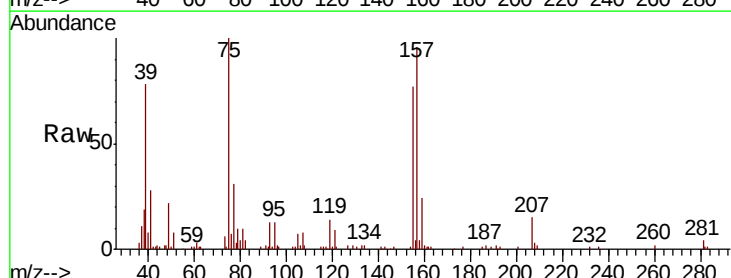
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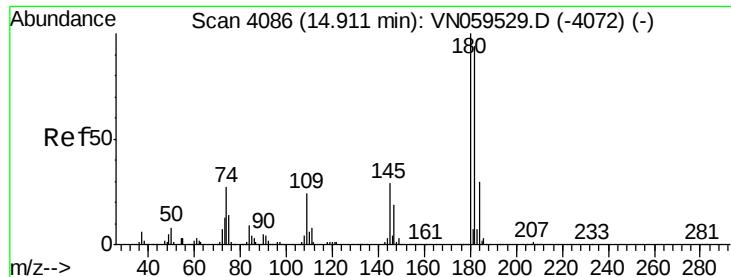
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.927 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059566.D
 Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.9	40.4	121.1
157	95.9	51.1	153.3





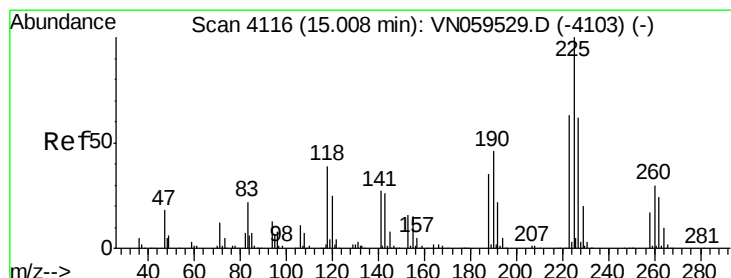
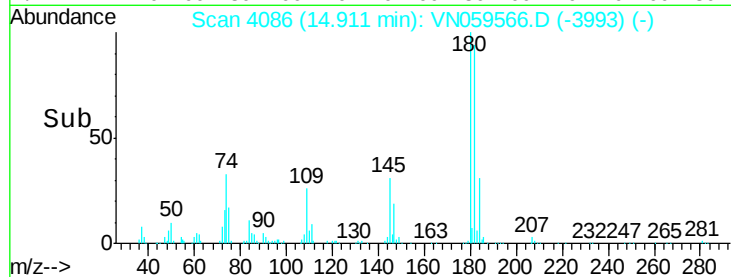
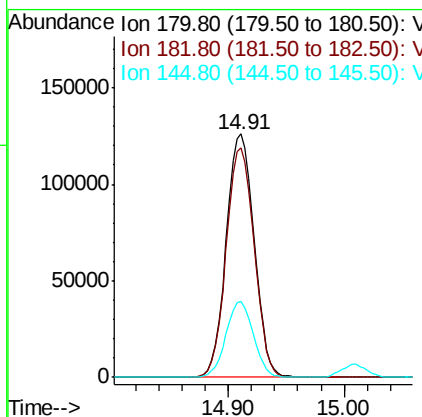
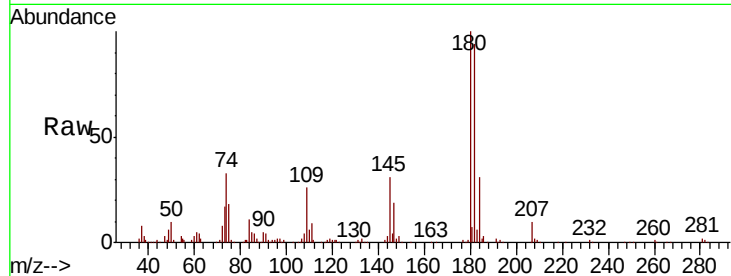
#93
1,2,4-Trichlorobenzene
Concen: 25.763 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210400		
182	94.5	47.3	142.0	
145	30.7	14.9	44.7	

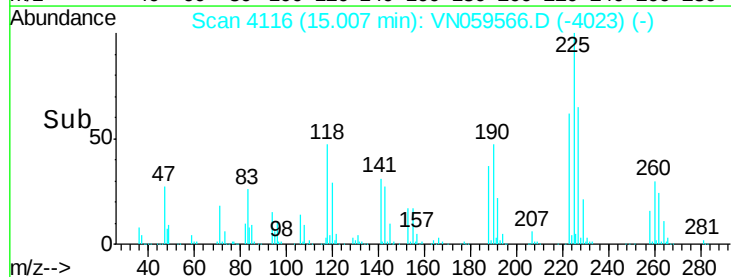
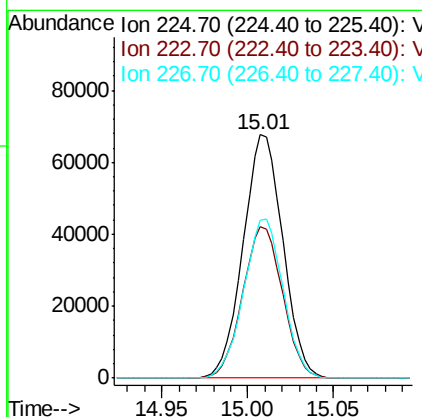
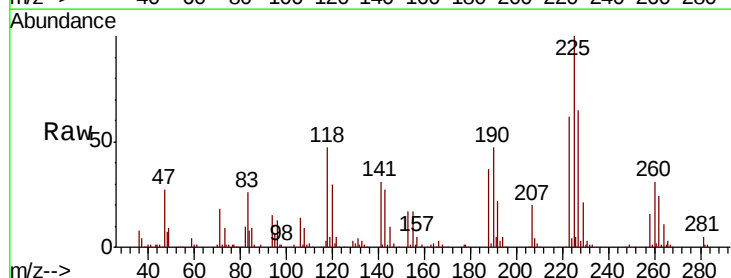
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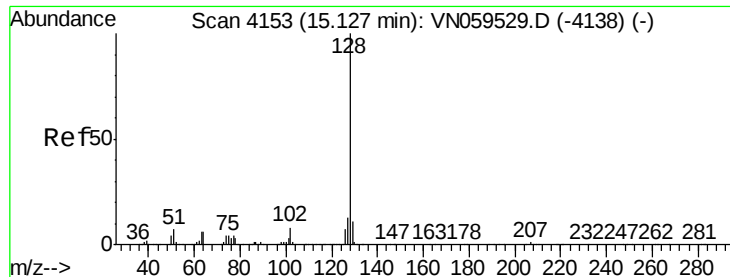
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#94
Hexachlorobutadiene
Concen: 25.994 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108456		
223	62.5	31.3	93.9	
227	64.7	31.6	95.0	





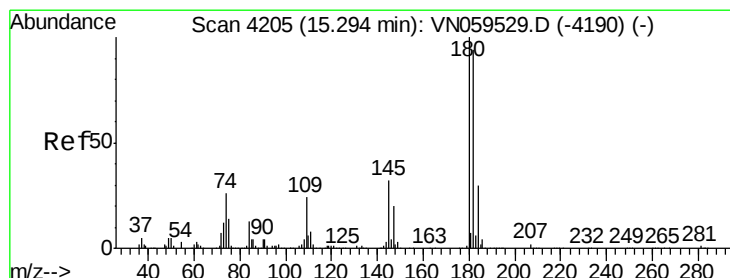
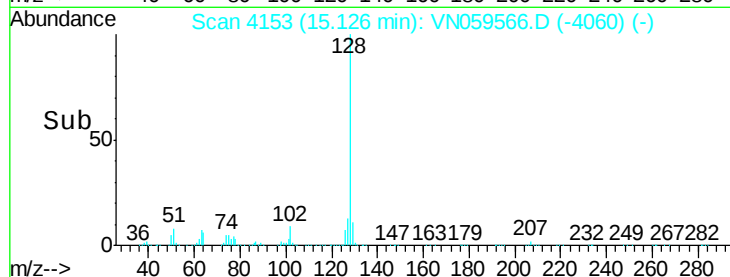
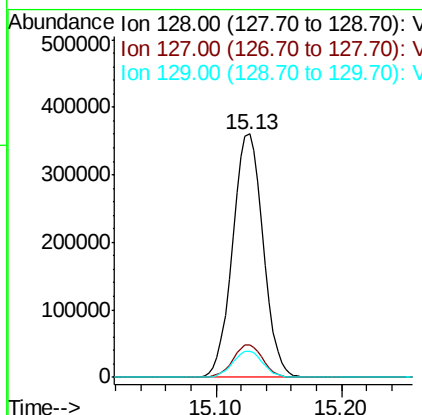
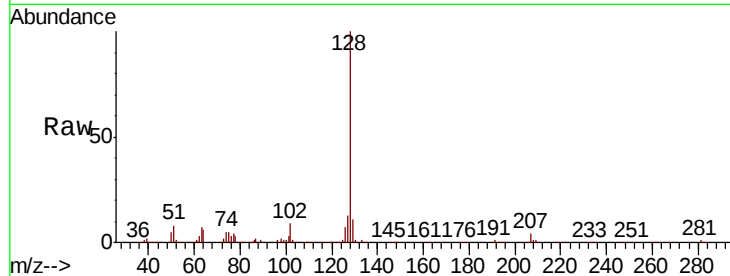
#95
Naphthalene
Concen: 25.502 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 26.582 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059566.D
Acq: 11 Dec 2019 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.4
145	32.6	15.8	47.4

