

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059571.D
 Acq On : 12 Dec 2019 13:53
 Operator : JC/SP
 Sample : VN1212WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Manual Integrations
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 12/13/2019 2:17:05 PM

Quant Time: Dec 13 08:39:21 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	268559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	423417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	386309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	166346	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	7.57	113	116577	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	10.08	98	450964	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.40	95	159965	41.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50321	16.245	ug/l	99
3) Chloromethane	2.04	50	83559	17.820	ug/l	99
4) Vinyl Chloride	2.17	62	83741	18.119	ug/l	98
5) Bromomethane	2.55	94	50488	17.935	ug/l	100
6) Chloroethane	2.68	64	46796	16.956	ug/l	99
7) Trichlorofluoromethane	3.00	101	100428	18.177	ug/l	100
8) Diethyl Ether	3.38	74	28541	15.074	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	48531	16.879	ug/l	99
10) Methyl Iodide	3.92	142	59754	15.348	ug/l	100
11) Tert butyl alcohol	4.75	59	52055	83.830	ug/l	98
12) 1,1-Dichloroethene	3.71	96	44033	15.753	ug/l	97
13) Acrolein	3.58	56	36710	121.485	ug/l	99
14) Allyl chloride	4.29	41	88260	16.414	ug/l	97
15) Acrylonitrile	4.95	53	136045	83.068	ug/l	100
16) Acetone	3.79	43	143454	81.815	ug/l	99
17) Carbon Disulfide	4.02	76	142135	15.677	ug/l	99
18) Methyl Acetate	4.29	43	74327	16.146	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	160085	17.229	ug/l	99
20) Methylene Chloride	4.52	84	56009	17.548	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	50243	16.747	ug/l	97
22) Diisopropyl ether	5.92	45	177722	17.362	ug/l	97
23) Vinyl Acetate	5.86	43	727826	85.237	ug/l	100
24) 1,1-Dichloroethane	5.81	63	101216	17.416	ug/l	100
25) 2-Butanone	6.81	43	198668	84.177	ug/l	100
26) 2,2-Dichloropropane	6.79	77	91866	17.497	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	57458	17.028	ug/l	100
28) Bromochloromethane	7.17	49	45046	22.146	ug/l	97
29) Tetrahydrofuran	7.18	42	128795	78.454	ug/l	100
30) Chloroform	7.35	83	98464	17.166	ug/l	99
31) Cyclohexane	7.63	56	92847	16.416	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	87079	17.113	ug/l	100
36) 1,1-Dichloropropene	7.77	75	75347	17.345	ug/l	99
37) Ethyl Acetate	6.90	43	83003	17.419	ug/l	99
38) Carbon Tetrachloride	7.75	117	77447	18.087	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	84521	17.345	ug/l	98
40) Benzene	8.02	78	215853	17.394	ug/l	98
41) Methacrylonitrile	7.14	41	31834	15.079	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	85964	18.592	ug/l	99
43) Isopropyl Acetate	8.14	43	129017	17.205	ug/l	99
44) Trichloroethene	8.82	130	56914	18.153	ug/l	96
45) 1,2-Dichloropropane	9.10	63	58549	17.810	ug/l	99
46) Dibromomethane	9.19	93	38010	17.495	ug/l	98
47) Bromodichloromethane	9.39	83	77338	17.911	ug/l	99
48) Methyl methacrylate	9.18	41	56059	17.097	ug/l	100
49) 1,4-Dioxane	9.19	88	17433	415.555	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	388298	80.948	ug/l	99
52) Toluene	10.14	92	131923	17.842	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	86809	17.255	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	94197	18.294	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	52947	17.705	ug/l	97
56) Ethyl methacrylate	10.42	69	72846	15.666	ug/l	99
57) 1,3-Dichloropropane	10.70	76	90048	17.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	141716	115.678	ug/l	99
59) 2-Hexanone	10.74	43	285733	80.033	ug/l	100
60) Dibromochloromethane	10.90	129	56613	16.577	ug/l	99
61) 1,2-Dibromoethane	11.00	107	54649	17.554	ug/l	97
64) Tetrachloroethene	10.62	164	54163	19.184	ug/l	98
65) Chlorobenzene	11.43	112	140754	17.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	52583	17.418	ug/l	99
67) Ethyl Benzene	11.51	91	249755	17.147	ug/l	99
68) m/p-Xylenes	11.62	106	184833	33.827	ug/l	98
69) o-Xylene	11.94	106	86597	17.027	ug/l	96
70) Styrene	11.96	104	139981	16.614	ug/l	97
71) Bromoform	12.12	173	37897	15.954	ug/l #	98
73) Isopropylbenzene	12.25	105	234393	17.282	ug/l	100
74) N-amyl acetate	12.07	43	100808	17.063	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	75174	16.357	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	73351m	15.864	ug/l	
77) Bromobenzene	12.52	156	57023	16.888	ug/l	95
78) n-propylbenzene	12.59	91	281993	16.920	ug/l	99
79) 2-Chlorotoluene	12.67	91	166773	16.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	202444	17.406	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	27257	15.860	ug/l #	86
82) 4-Chlorotoluene	12.77	91	171762	16.903	ug/l	99
83) tert-Butylbenzene	12.99	119	165635	17.078	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	198734	17.305	ug/l	98
85) sec-Butylbenzene	13.17	105	229368	17.218	ug/l	99
86) p-Isopropyltoluene	13.29	119	203378	17.081	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	102766	16.524	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	103397	16.979	ug/l	99
89) n-Butylbenzene	13.62	91	190978	17.082	ug/l	98
90) Hexachloroethane	13.87	117	39008	17.839	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	98613	16.896	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17297	17.811	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61989	15.356	ug/l	99
94) Hexachlorobutadiene	15.01	225	33741	16.361	ug/l	98
95) Naphthalene	15.12	128	174734	14.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	62695	17.587	ug/l	99

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

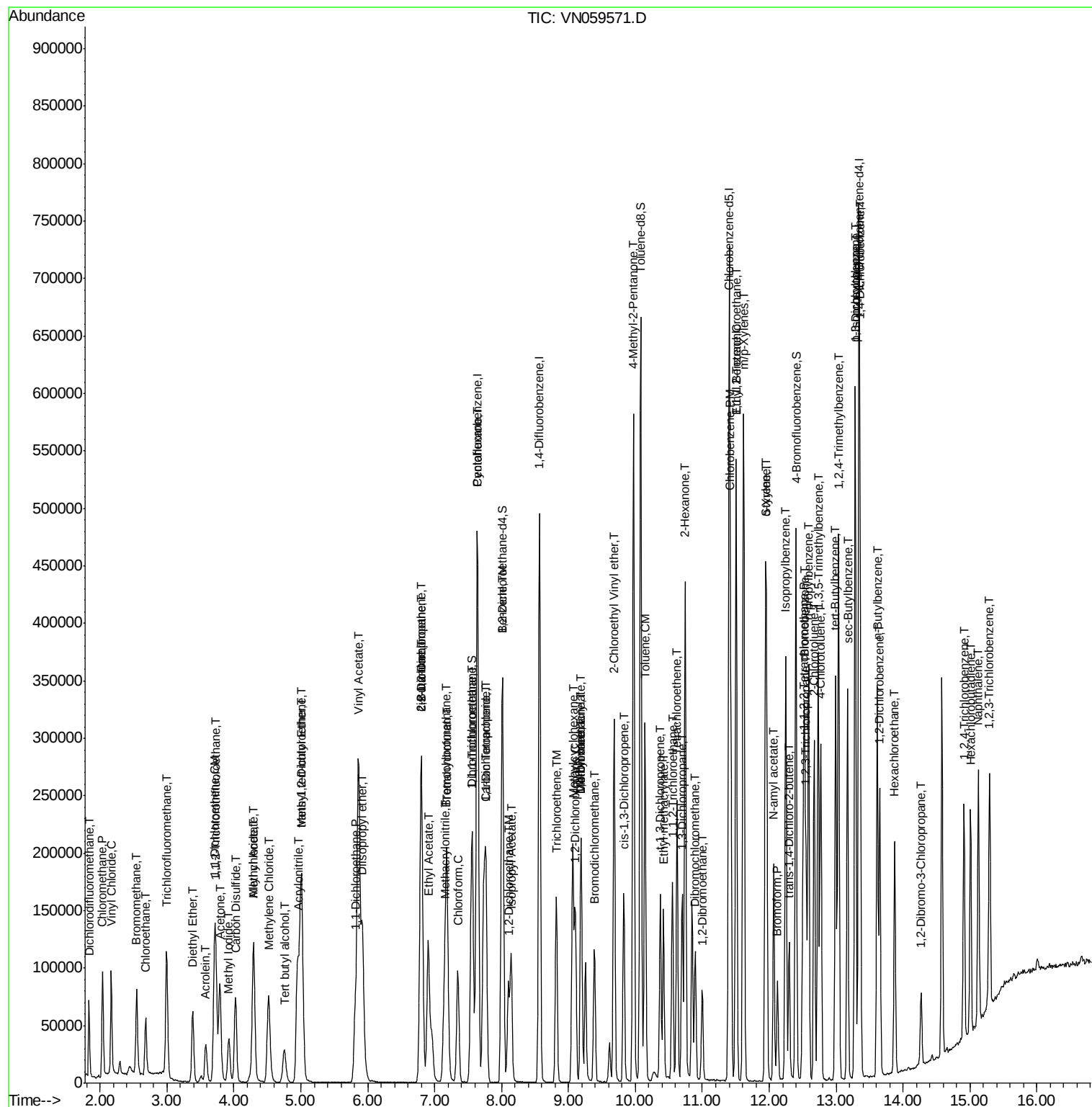
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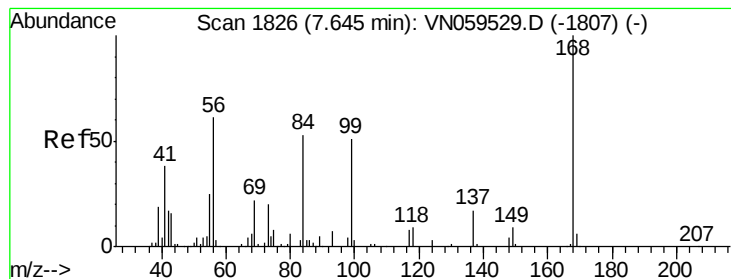
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion:168 Resp: 268559

Ion Ratio Lower Upper

168 100

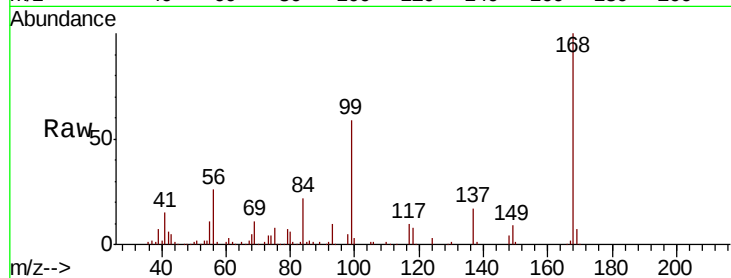
99 58.8 46.6 70.0

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

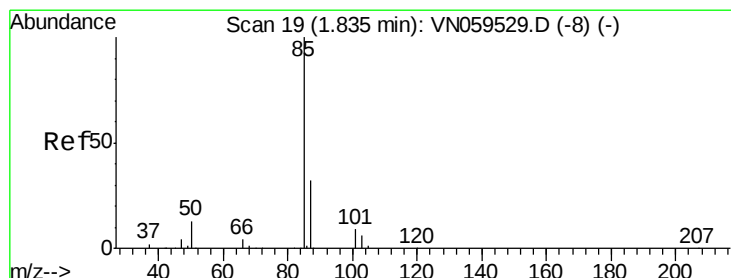
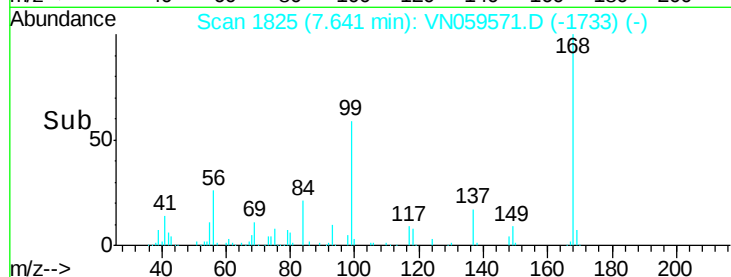
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.245 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059571.D

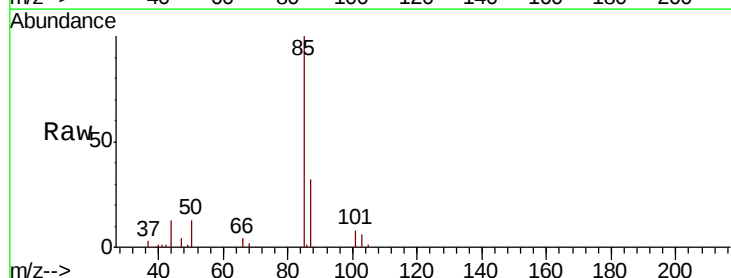
Acq: 12 Dec 2019 13:53

Tgt Ion: 85 Resp: 50321

Ion Ratio Lower Upper

85 100

87 32.4 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

40000

30000

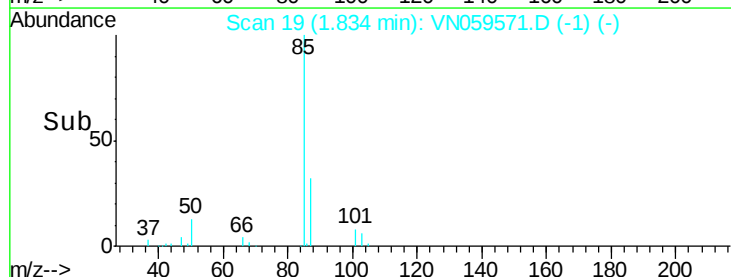
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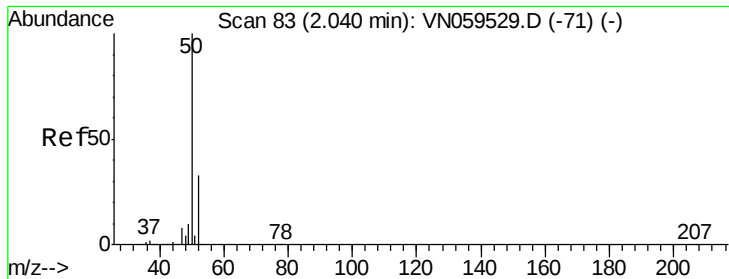
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0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.820 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 50 Resp: 83559

Ion Ratio Lower Upper

50 100

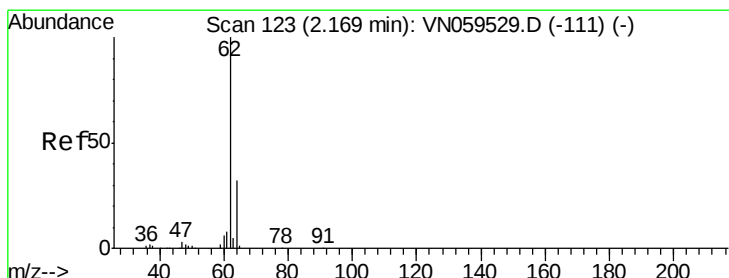
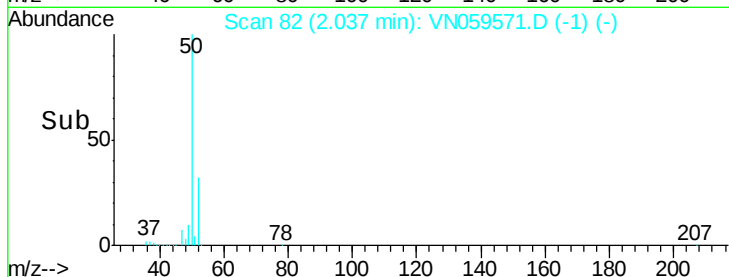
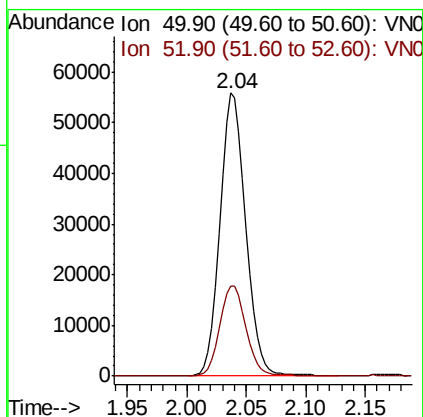
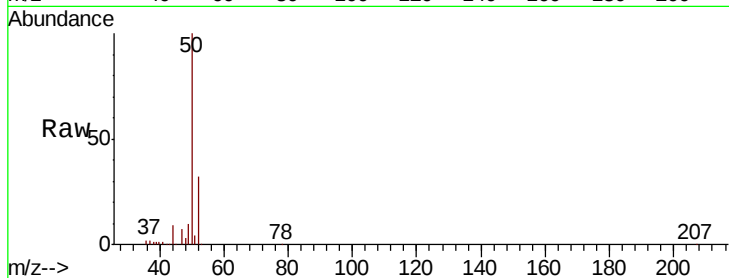
52 32.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.119 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059571.D

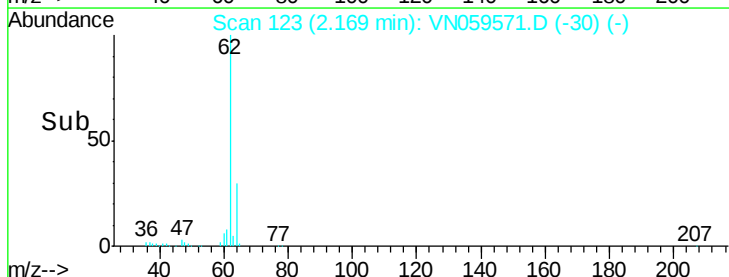
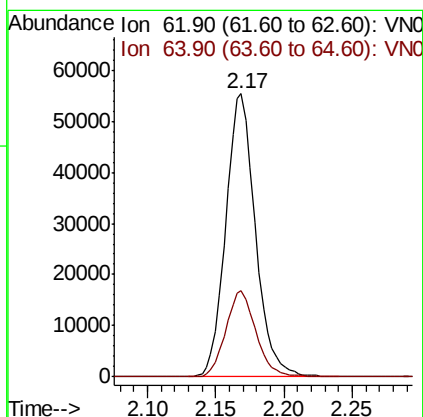
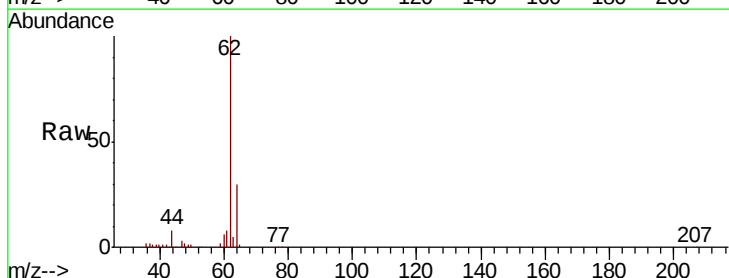
Acq: 12 Dec 2019 13:53

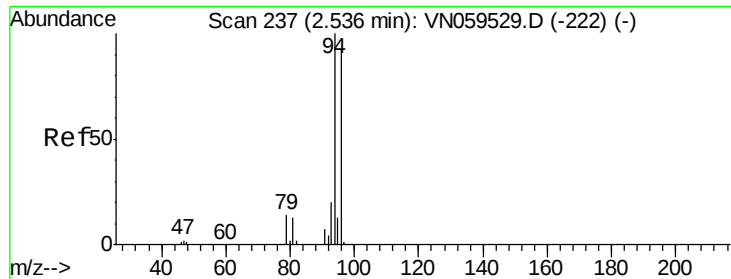
Tgt Ion: 62 Resp: 83741

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





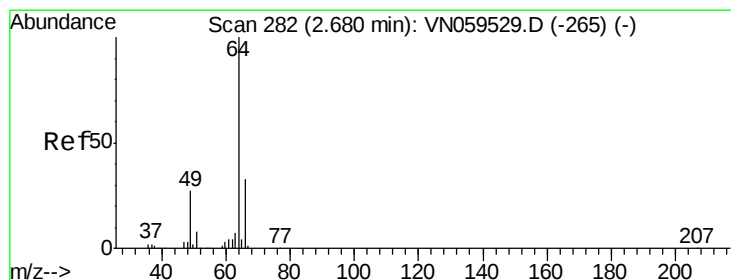
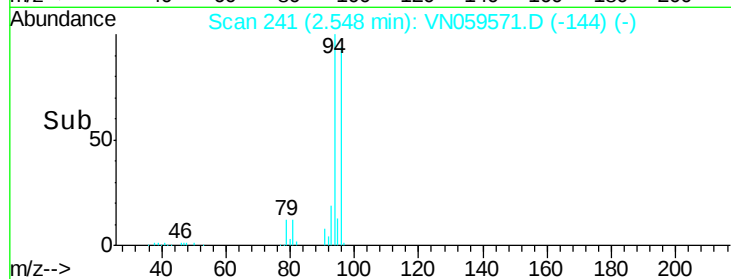
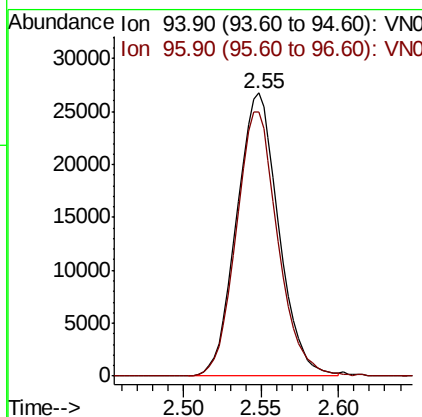
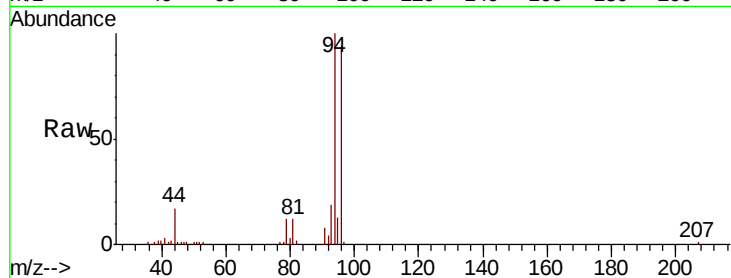
#5
Bromomethane
Concen: 17.935 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

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Tot Ion	94	Resp	50488
Ion Ratio	100	Lower	Upper
96	93.5	74.6	112.0

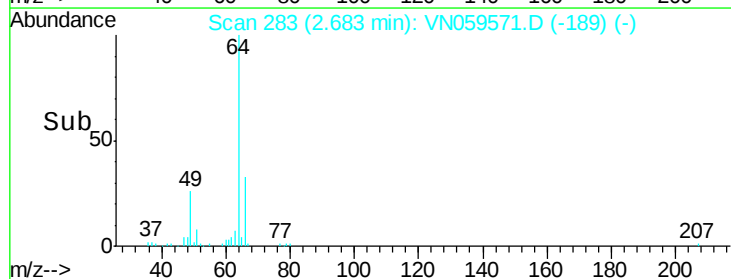
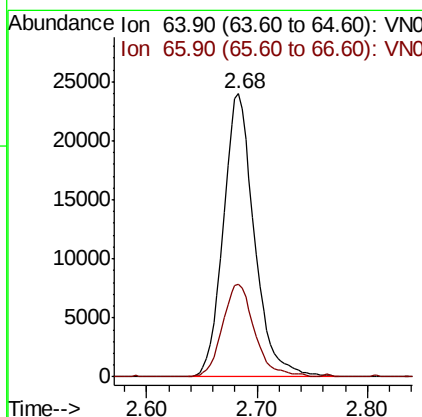
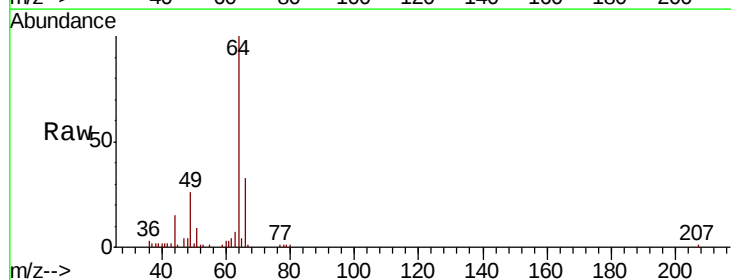
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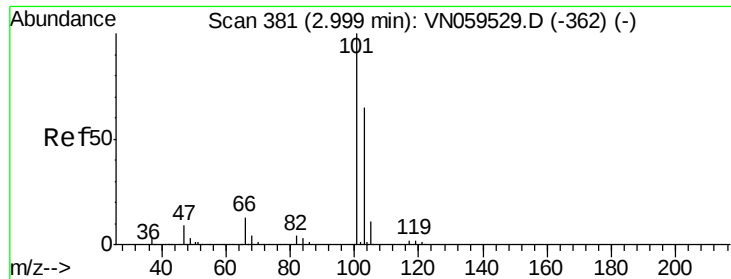
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#6
Chloroethane
Concen: 16.956 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	64	Resp	46796
Ion Ratio	100	Lower	Upper
66	32.8	26.7	40.1





#7

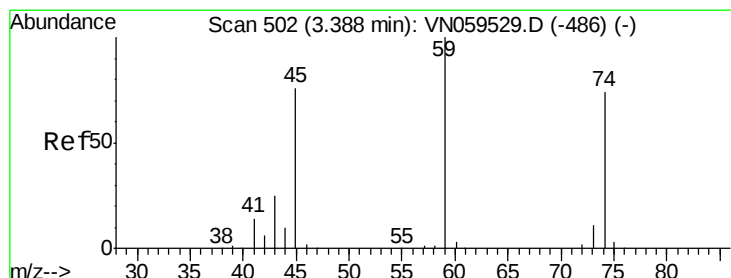
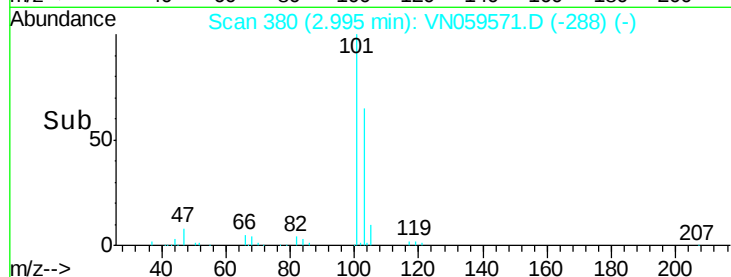
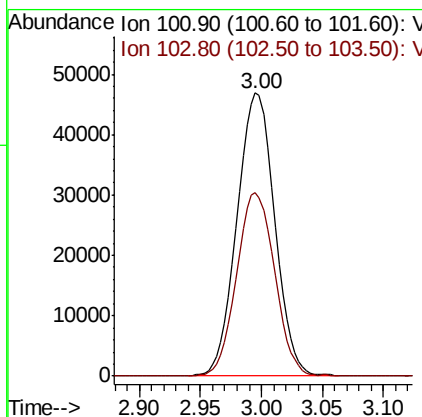
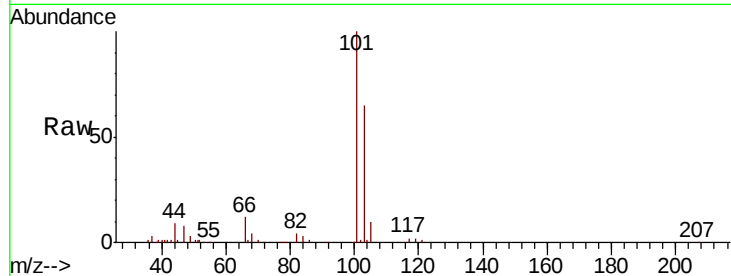
Trichlorofluoromethane
Concen: 18.177 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.2	78.4

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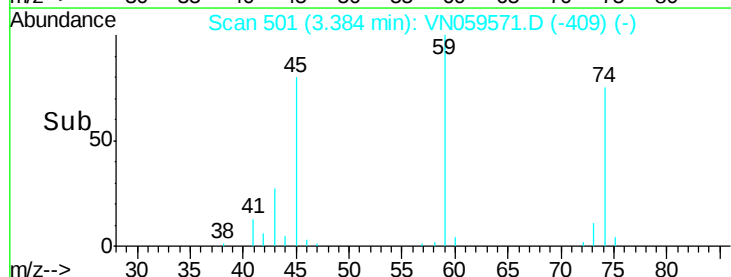
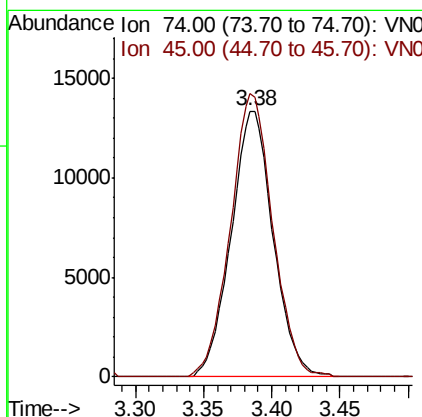
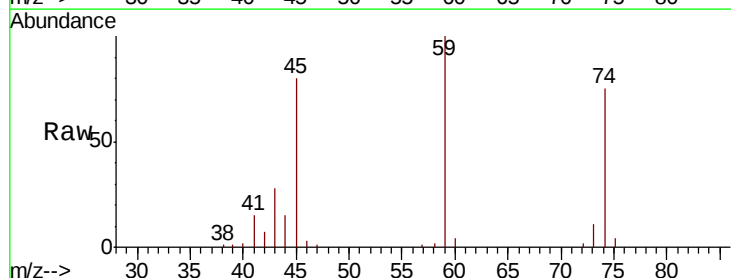
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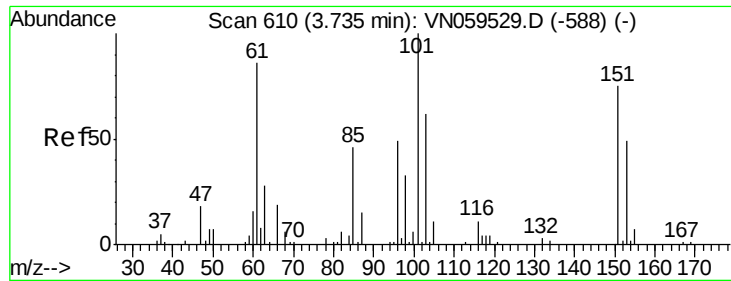


#8

Diethyl Ether
Concen: 15.074 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	52.6	157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.879 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

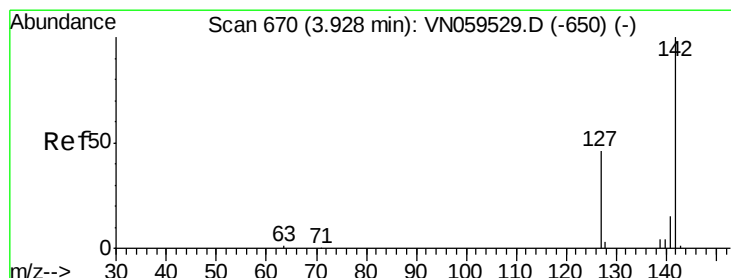
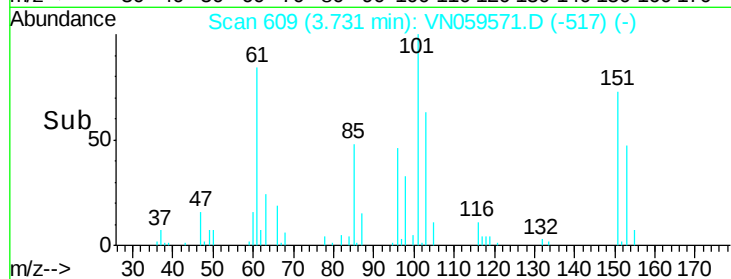
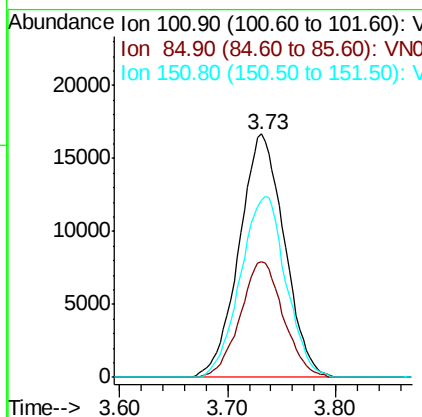
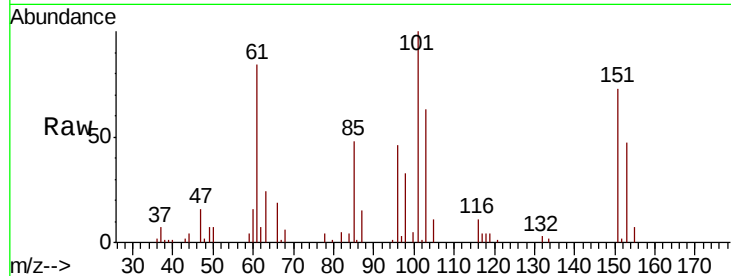
ClientSampleId :

VN1212WBS01

Tot Ion:	101	Resp:	48531
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	54.8
151	75.0	59.3	88.9

Manual Integrations
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#10

Methyl Iodide

Concen: 15.348 ug/l

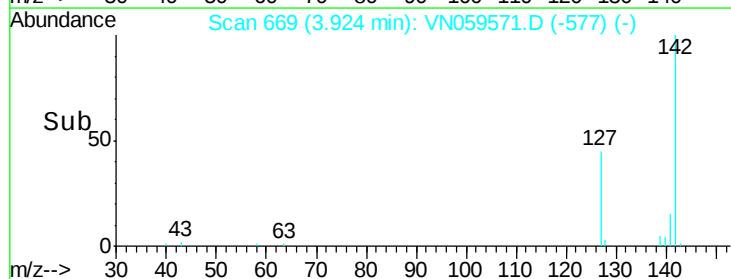
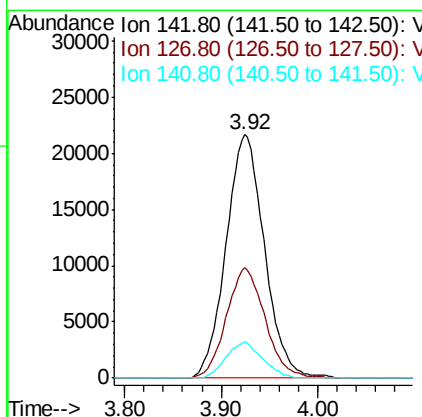
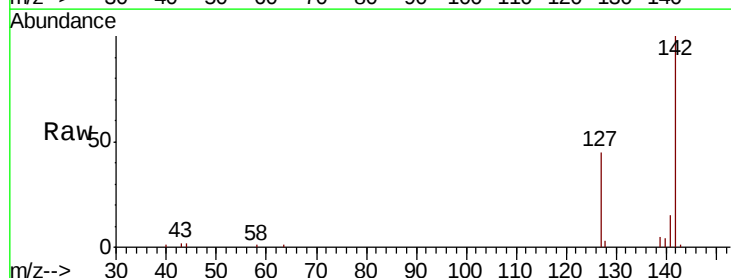
RT: 3.92 min Scan# 669

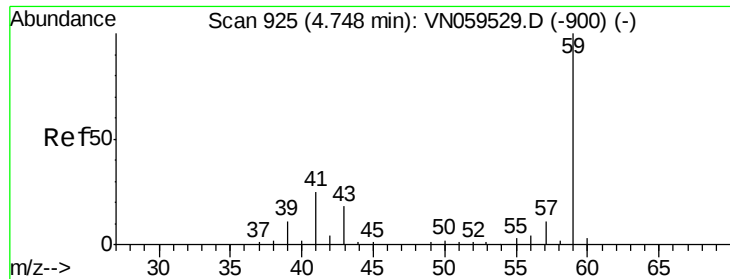
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	142	Resp:	59754
Ion Ratio	Lower	Upper	
142	100		
127	45.6	36.6	54.8
141	13.9	11.6	17.4





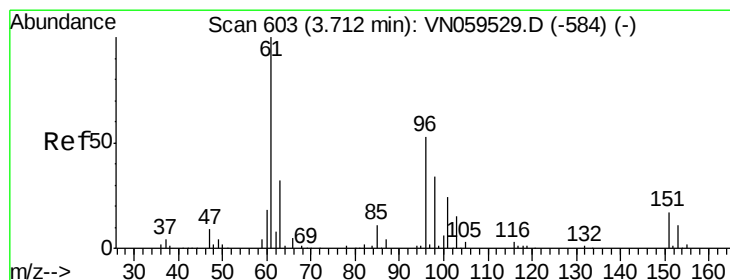
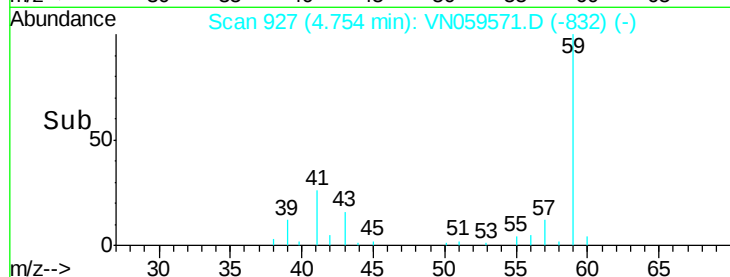
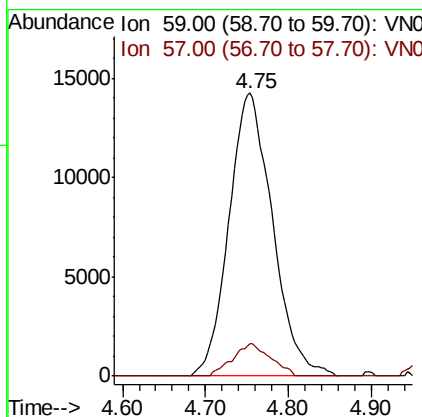
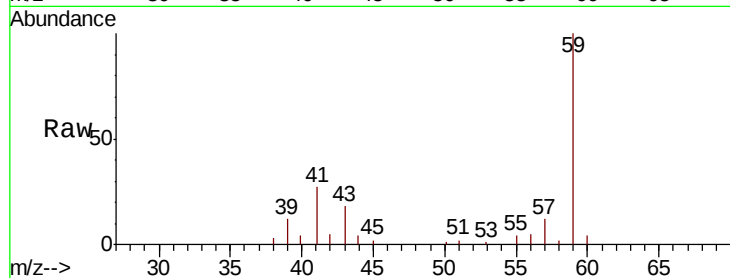
#11
Tert butyl alcohol
Concen: 83.830 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.6	13.0

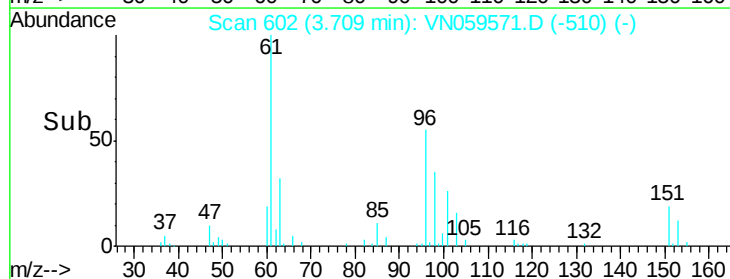
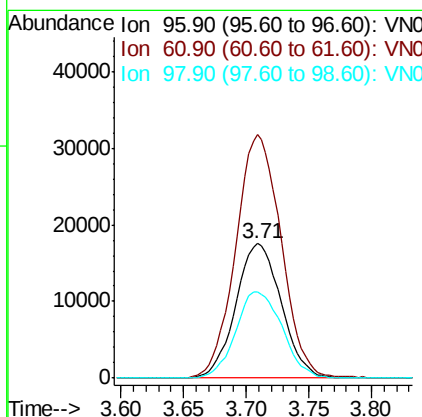
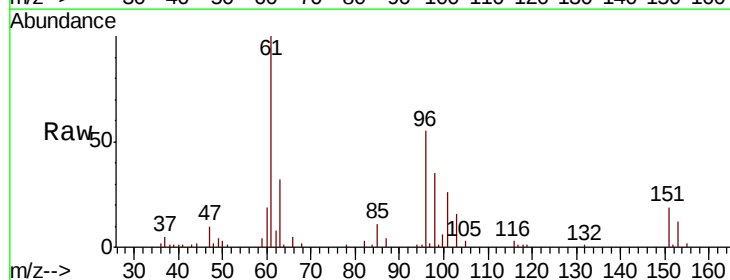
Manual Integrations
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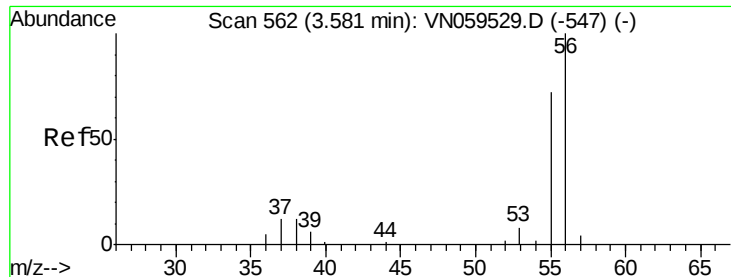
apatel
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#12
1,1-Dichloroethene
Concen: 15.753 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.3	149.8	224.6
98	64.1	50.6	75.8





#13

Acrolein

Concen: 121.485 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 56 Resp: 36710

Ion Ratio Lower Upper

56 100

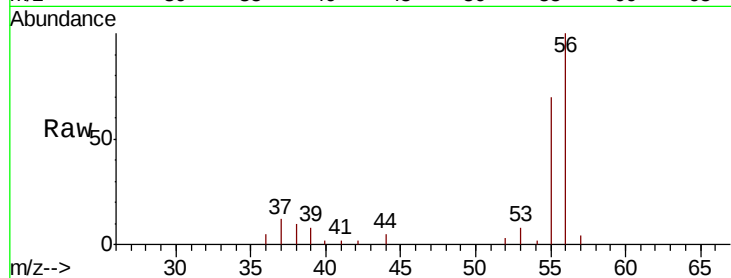
55 72.2 56.9 85.3

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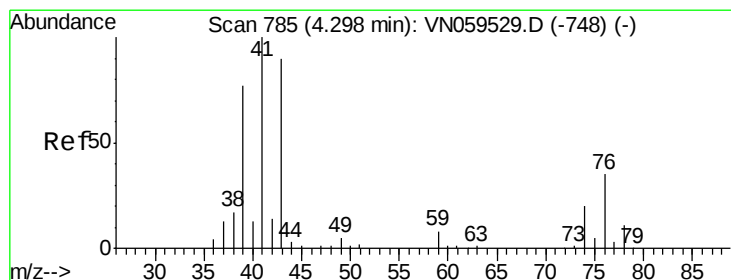
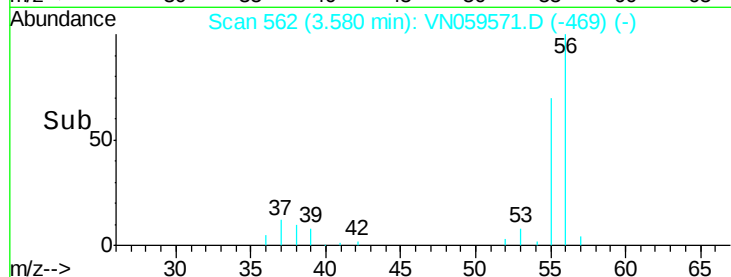
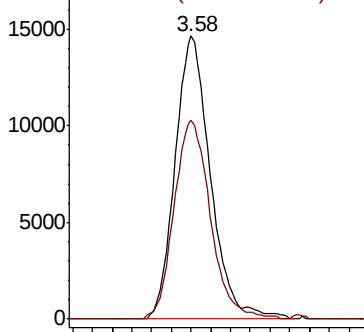
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.414 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

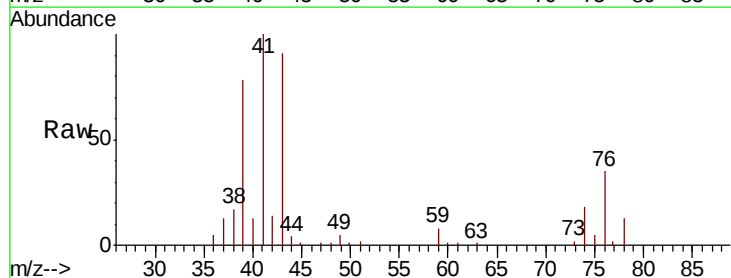
Tgt Ion: 41 Resp: 88260

Ion Ratio Lower Upper

41 100

39 74.1 56.7 85.1

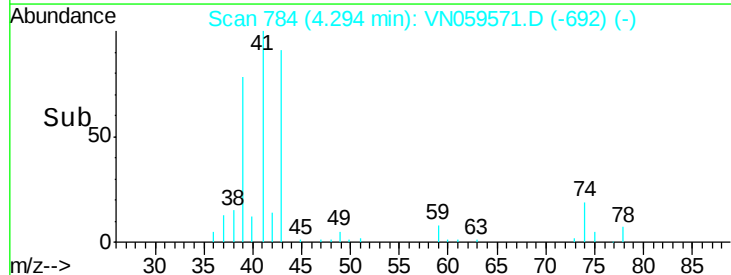
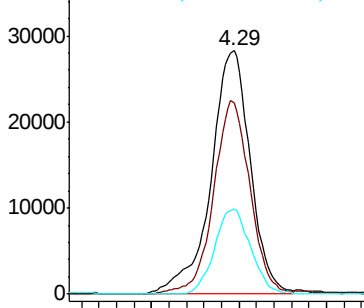
76 31.9 25.5 38.3

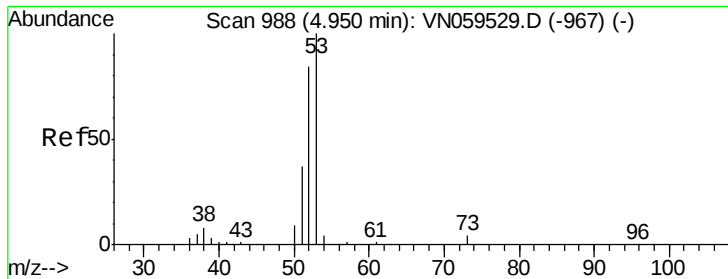


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 83.068 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

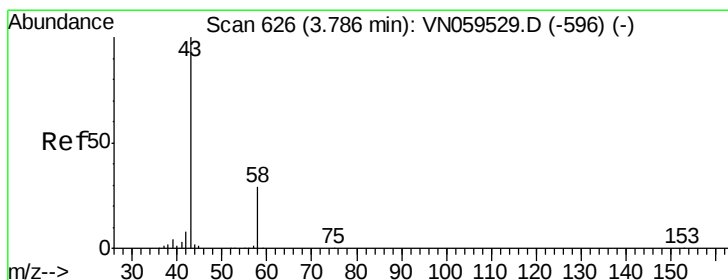
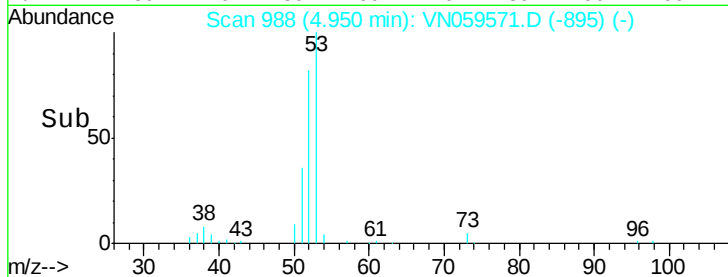
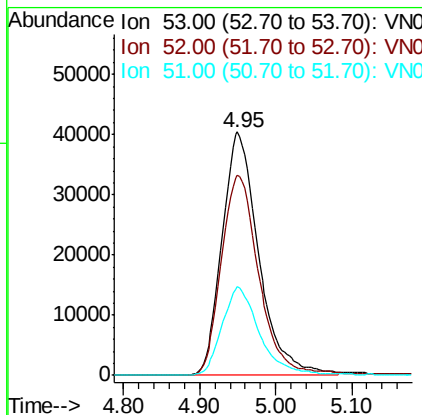
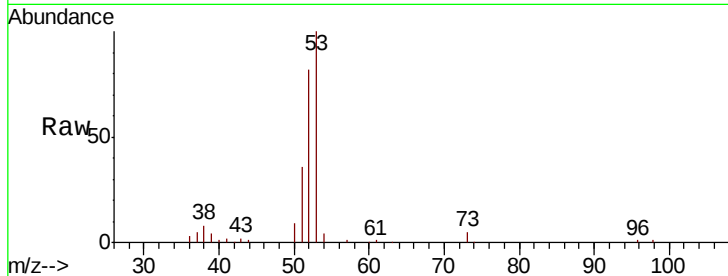
ClientSampleId :

VN1212WBS01

Tot Ion:	53	Resp:	136045
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	36.8	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 81.815 ug/l

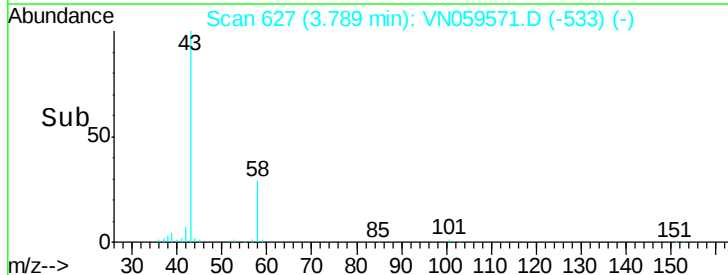
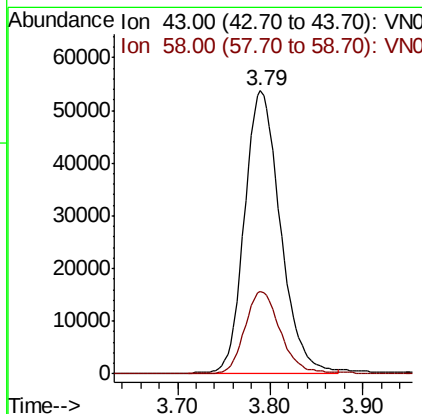
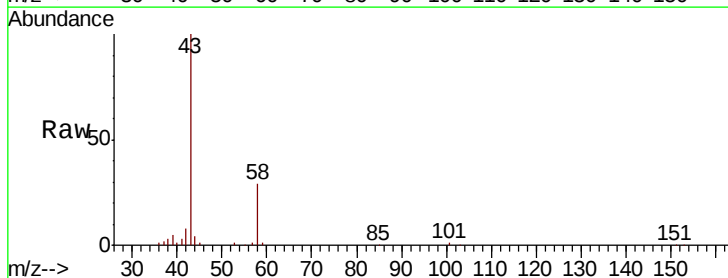
RT: 3.79 min Scan# 627

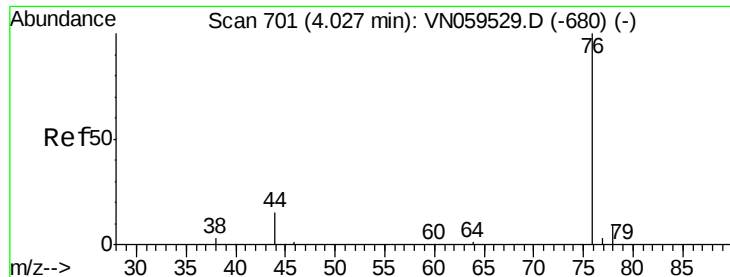
Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	43	Resp:	143454
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.0	34.4





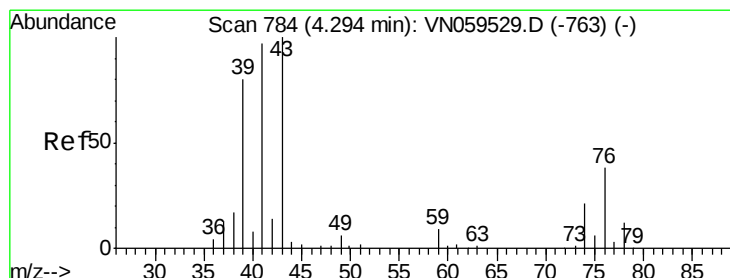
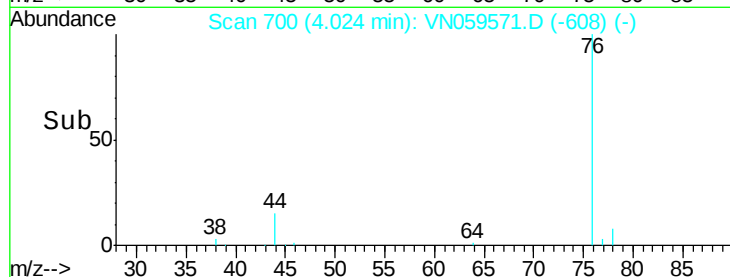
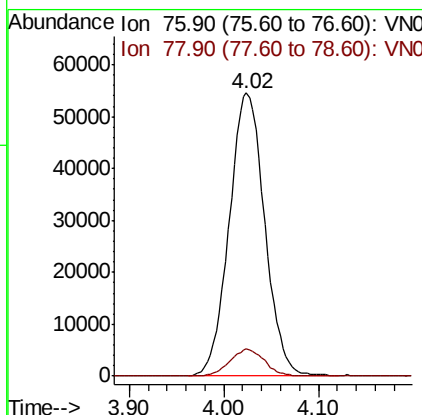
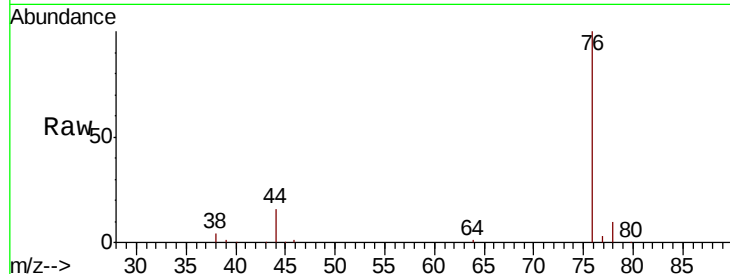
#17
Carbon Disulfide
Concen: 15.677 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

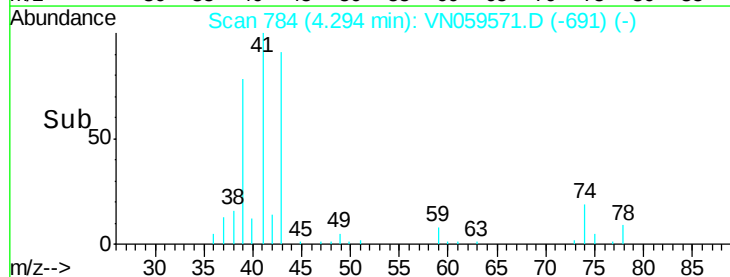
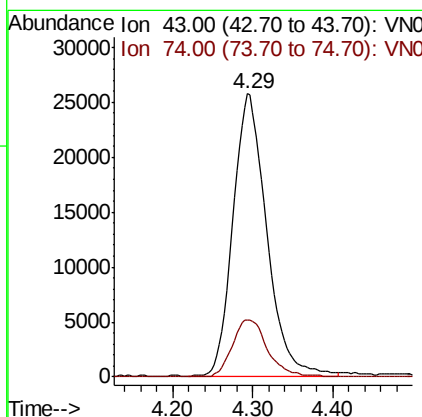
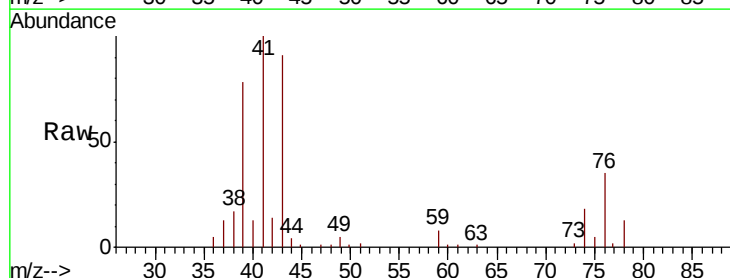
Manual Integrations
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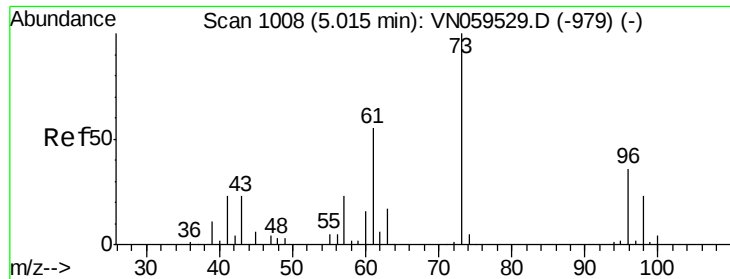
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#18
Methyl Acetate
Concen: 16.146 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	17.5	26.3





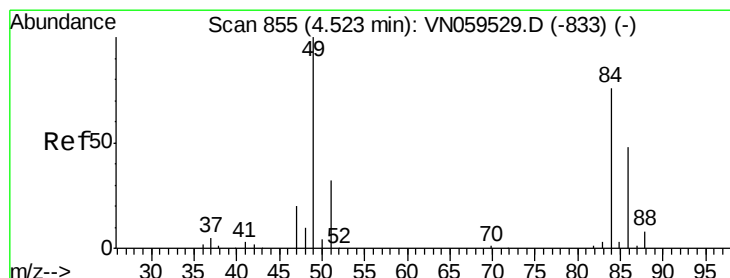
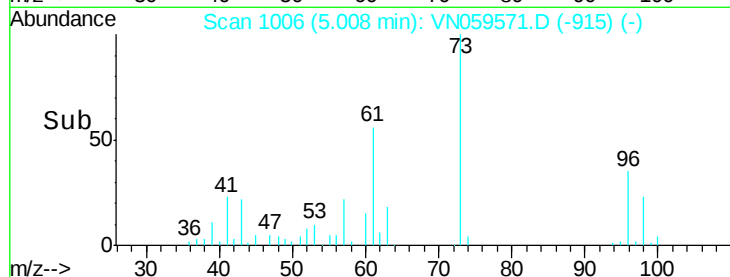
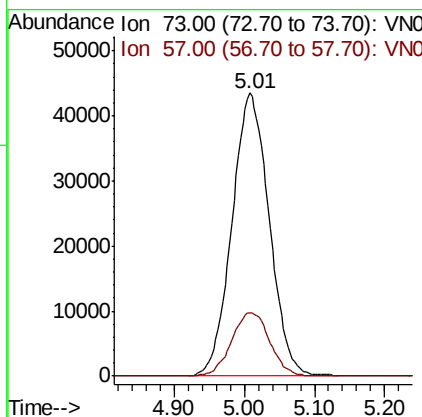
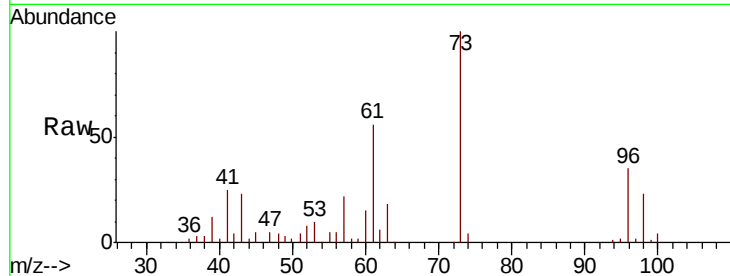
#19
Methvl tert-butvl Ether
Concen: 17.229 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion: 73 Resp: 160085
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5

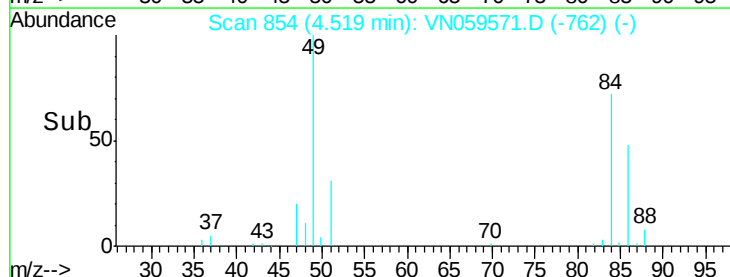
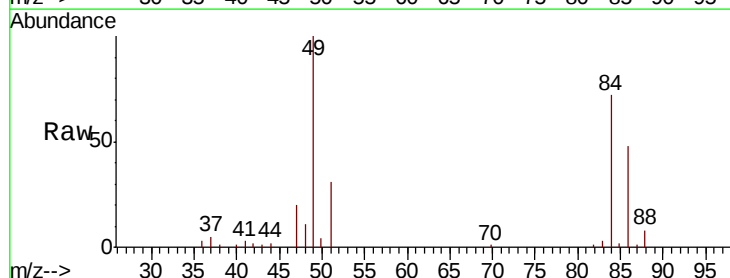
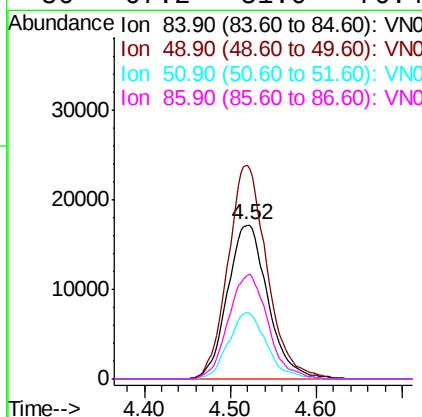
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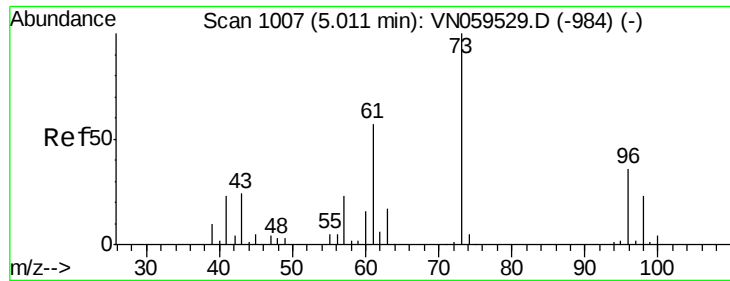
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#20
Methylene Chloride
Concen: 17.548 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion: 84 Resp: 56009
Ion Ratio Lower Upper
84 100
49 138.9 105.8 158.8
51 43.3 33.7 50.5
86 67.2 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 16.747 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

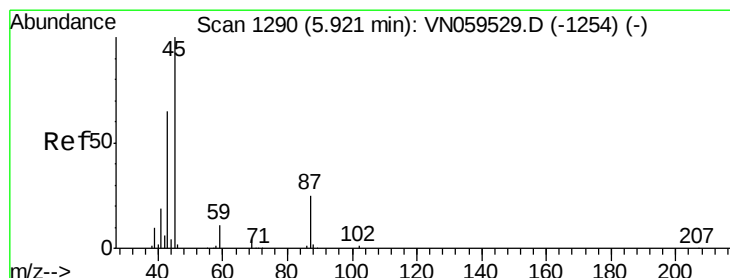
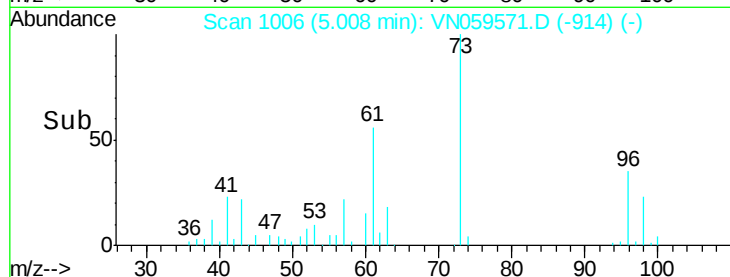
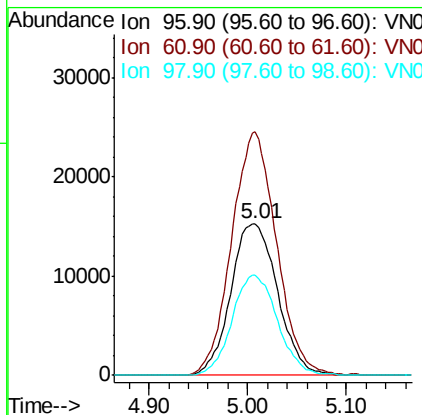
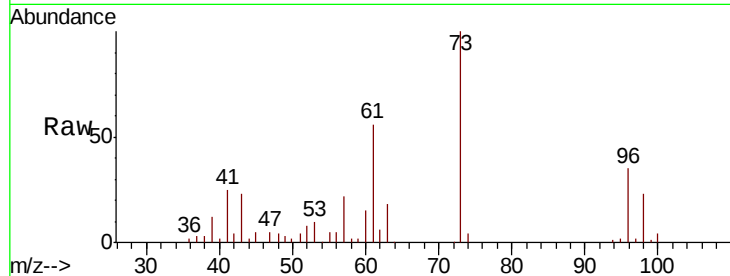
ClientSampleId :

VN1212WBS01

Tot Ion:	96	Resp:	50243
Ion	Ratio	Lower	Upper
96	100		
61	160.3	124.8	187.2
98	65.8	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.362 ug/l

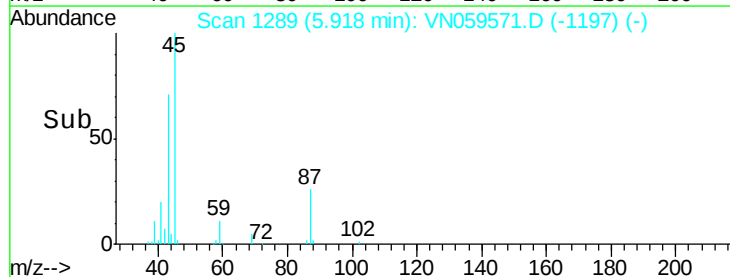
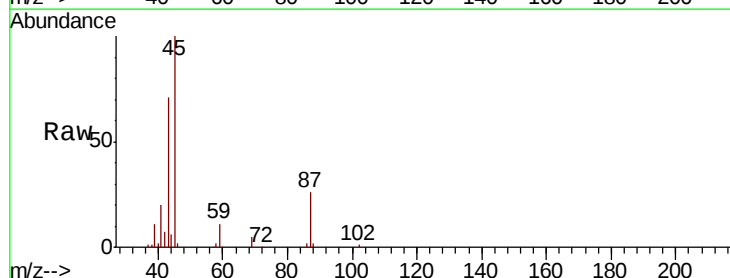
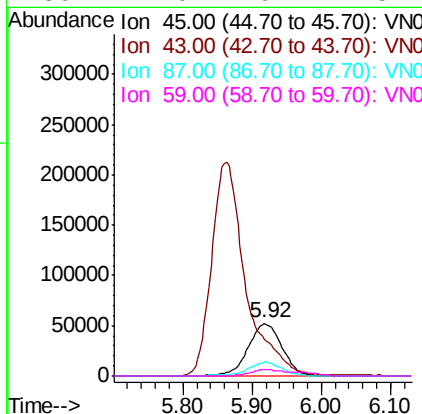
RT: 5.92 min Scan# 1289

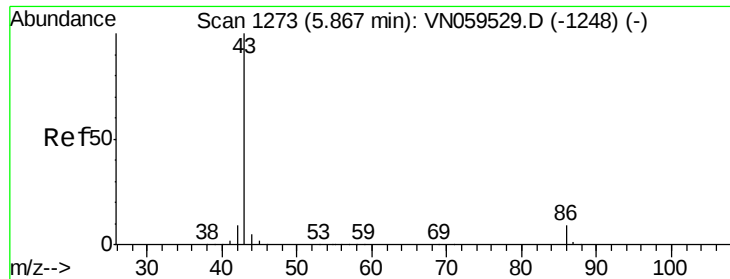
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	45	Resp:	177722
Ion	Ratio	Lower	Upper
45	100		
43	68.8	52.8	79.2
87	25.7	20.2	30.4
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 85.237 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 43 Resp: 727826

Ion Ratio Lower Upper

43 100

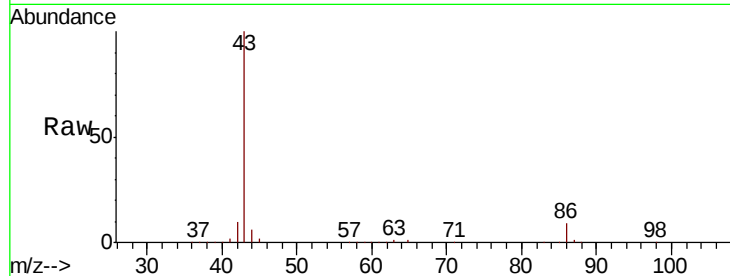
86 9.3 7.4 11.2

Manual Integrations

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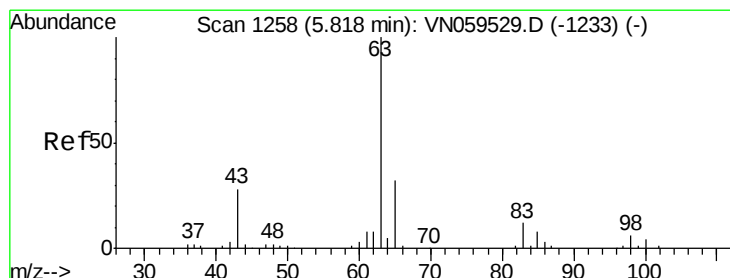
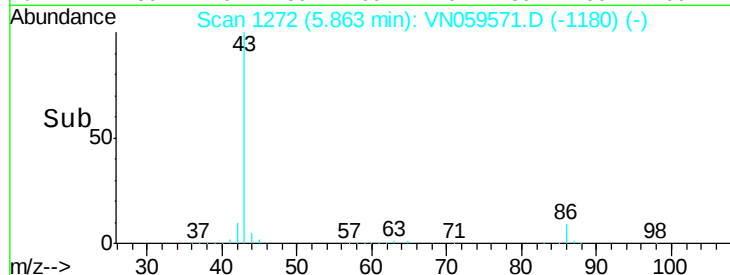
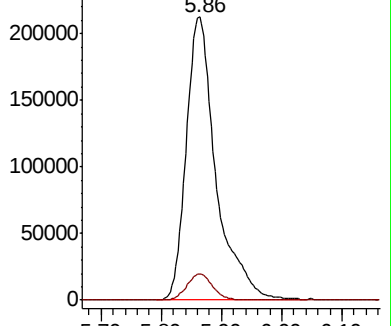
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 17.416 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

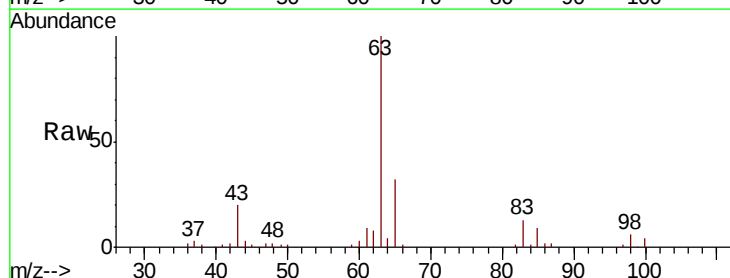
Tgt Ion: 63 Resp: 101216

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

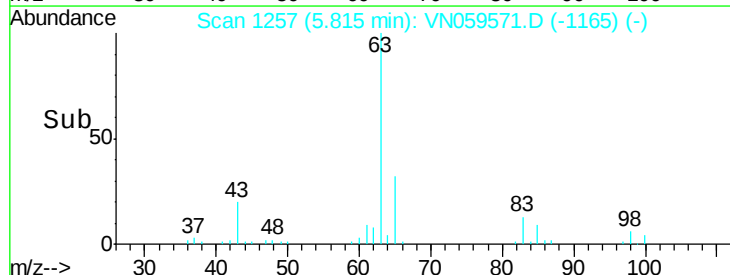
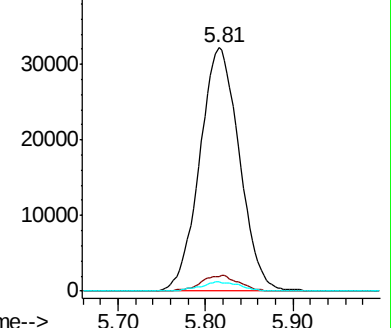
100 3.8 1.8 5.3

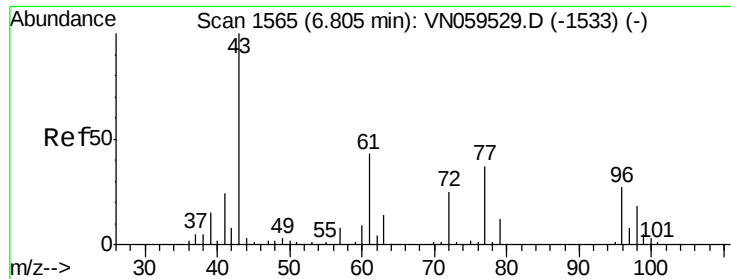


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





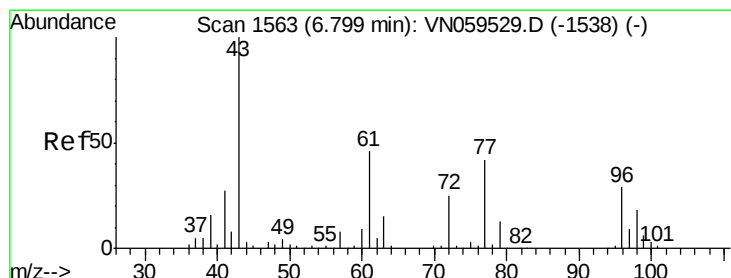
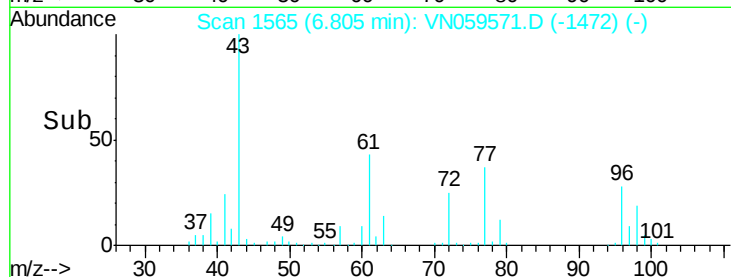
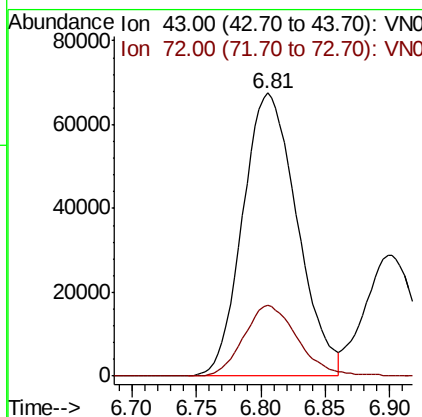
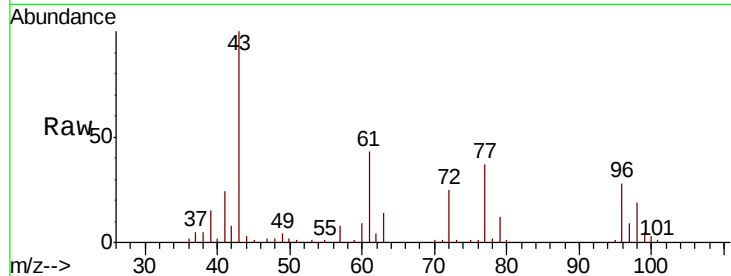
#25
2-Butanone
Concen: 84.177 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion: 43 Resp: 198668
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9

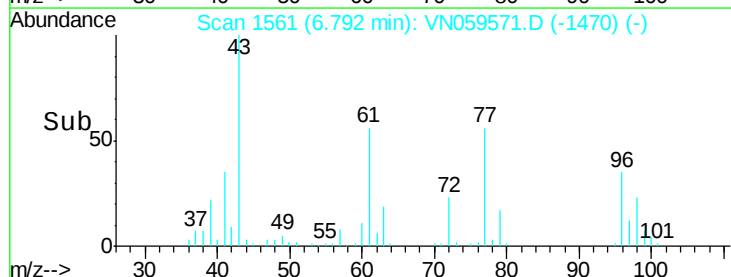
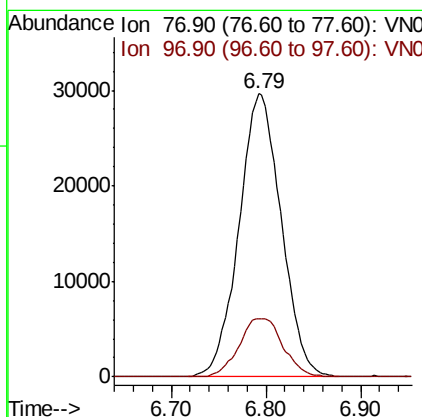
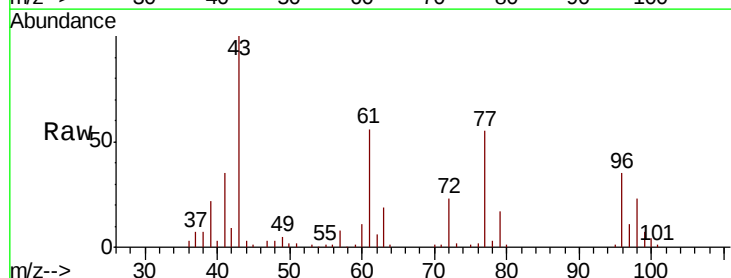
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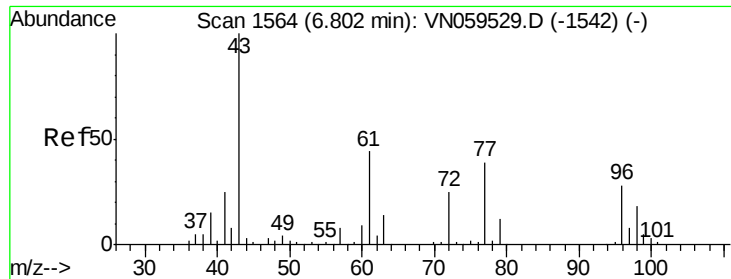
apatel
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#26
2,2-Dichloropropane
Concen: 17.497 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion: 77 Resp: 91866
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.028 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

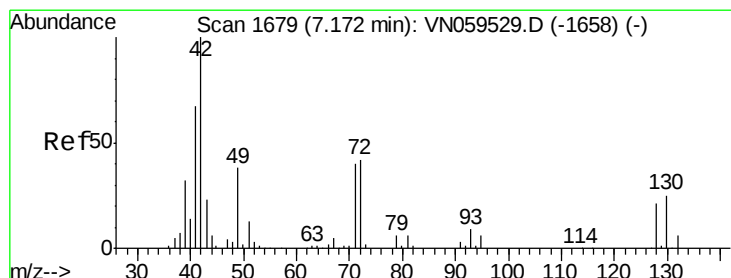
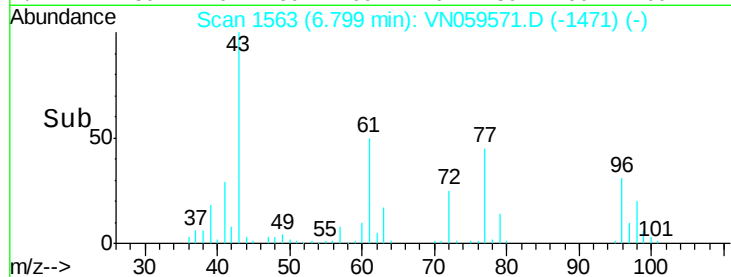
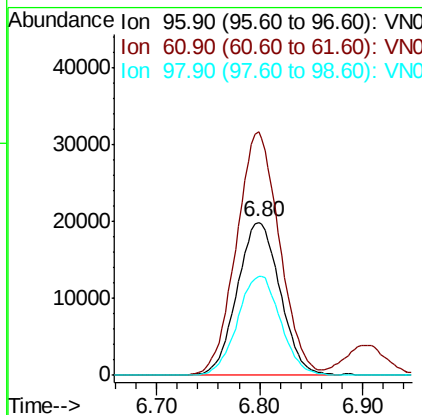
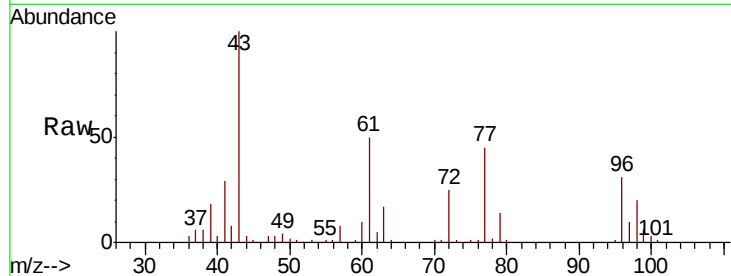
ClientSampleId :

VN1212WBS01

Tot Ion:	96	Resp:	57458
Ion	Ratio	Lower	Upper
96	100		
61	160.1	0.0	320.0
98	65.0	0.0	128.6

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#28

Bromochloromethane

Concen: 22.146 ug/l

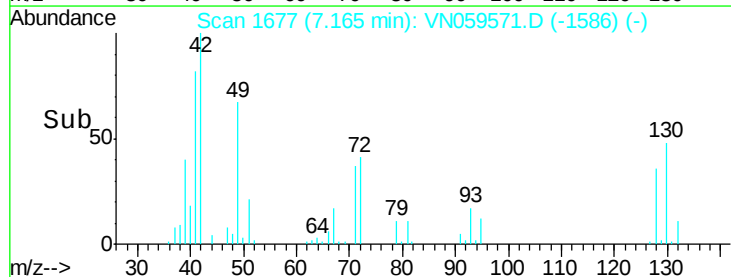
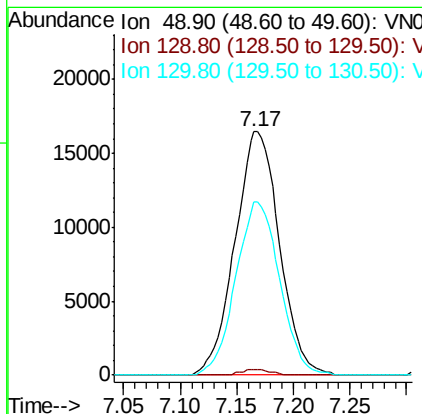
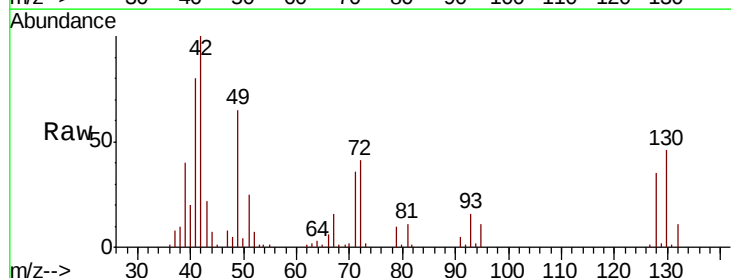
RT: 7.17 min Scan# 1677

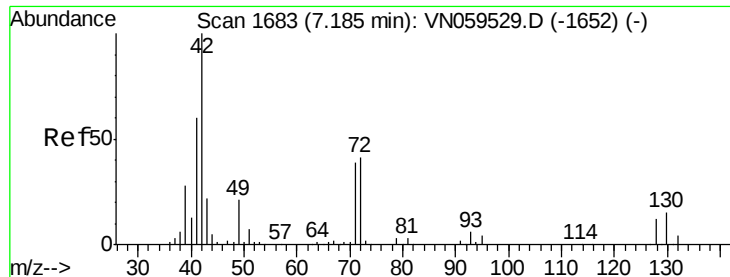
Delta R.T. -0.01 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	49	Resp:	45046
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	70.1	54.2	81.2





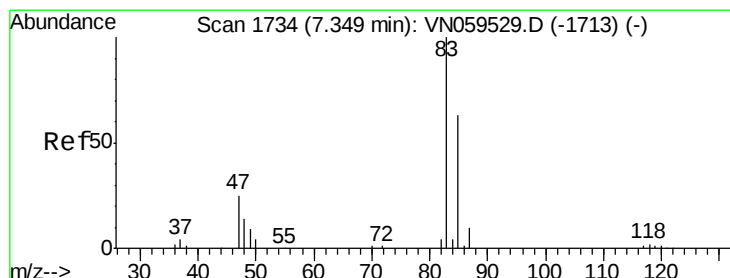
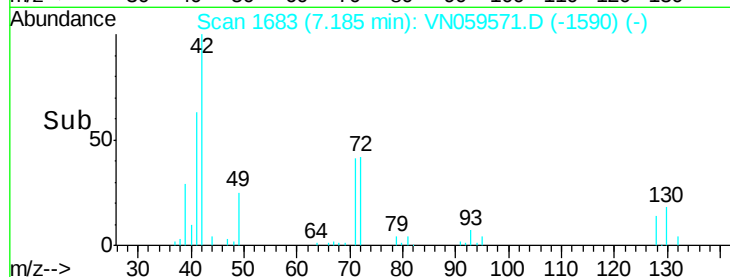
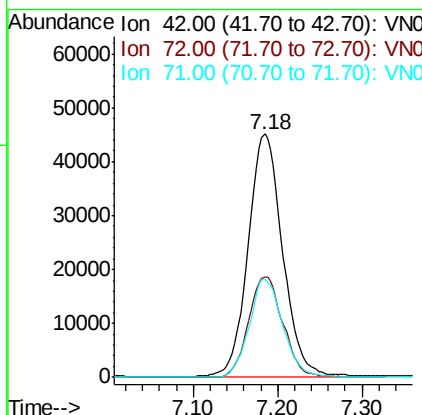
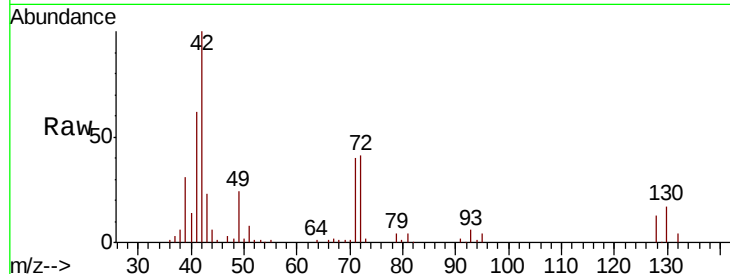
#29
Tetrahydrofuran
Concen: 78.454 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.7	49.1
71	39.2	31.4	47.2

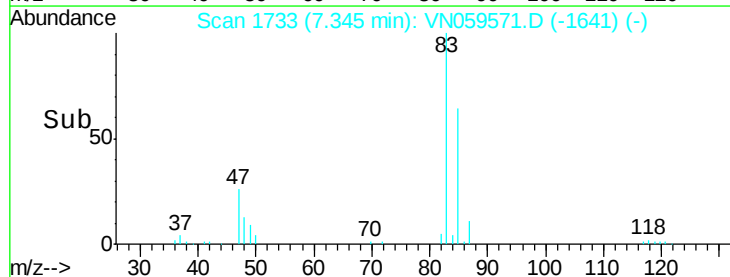
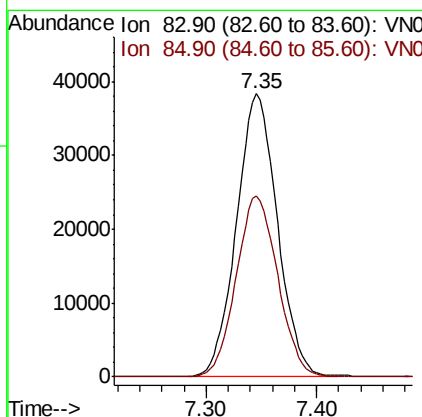
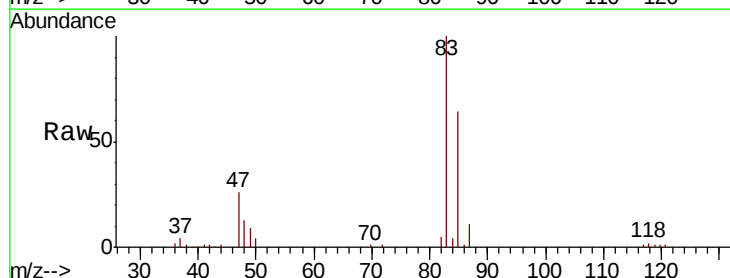
Manual Integrations
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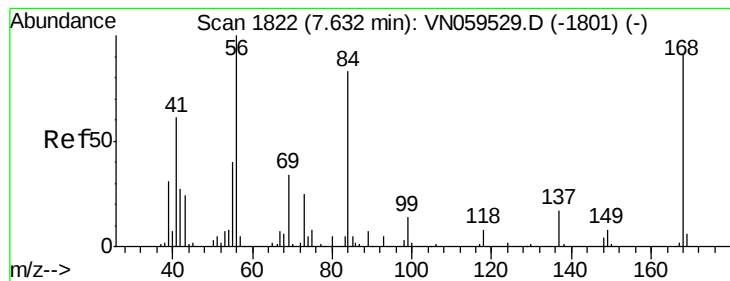
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#30
Chloroform
Concen: 17.166 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8





#31

Cyclohexane

Concen: 16.416 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

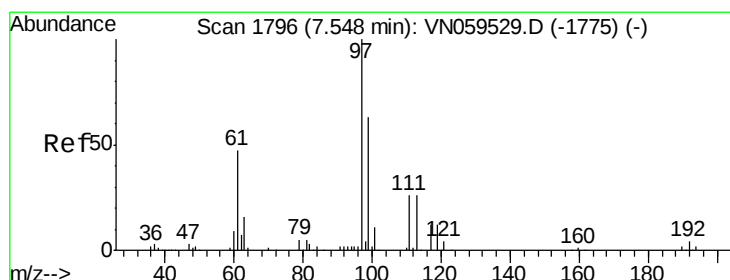
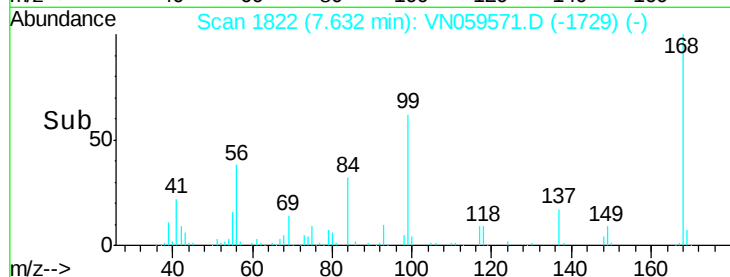
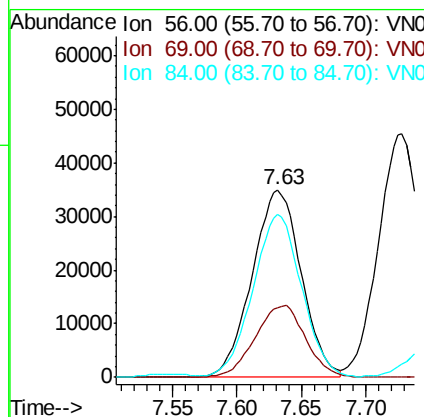
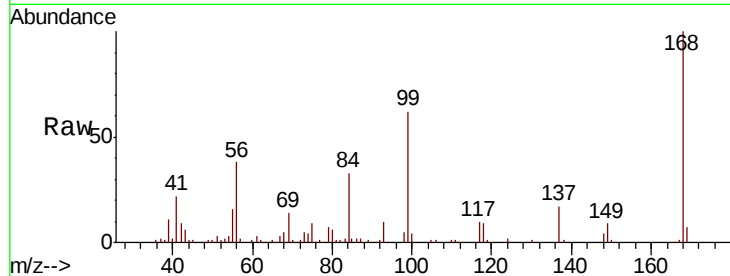
ClientSampleId :

VN1212WBS01

Tot Ion:	56	Resp:	92847
Ion Ratio	Lower	Upper	
56	100		
69	37.2	26.9	40.3
84	86.2	66.5	99.7

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#32

1,1,1-Trichloroethane

Concen: 17.113 ug/l

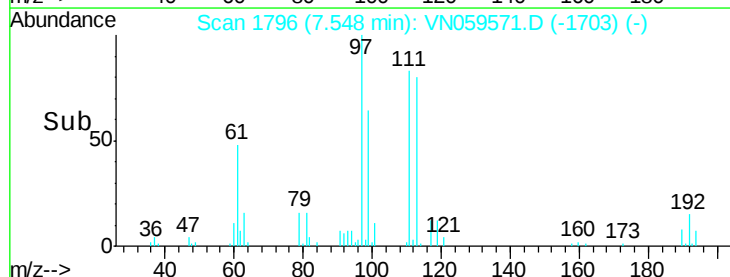
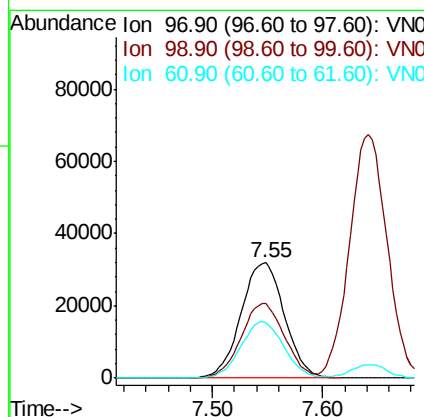
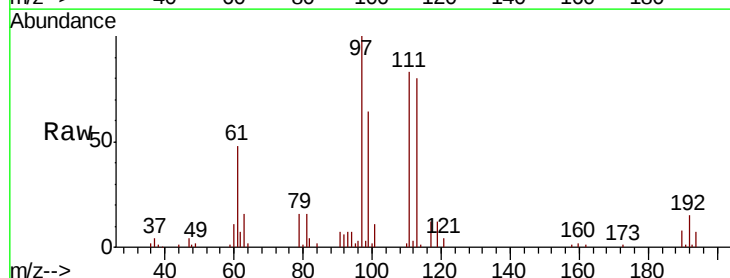
RT: 7.55 min Scan# 1796

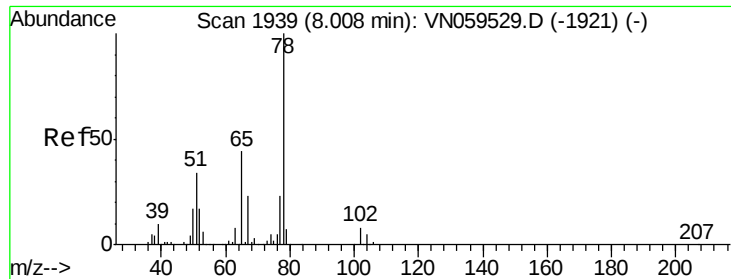
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	97	Resp:	87079
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.4	77.2
61	48.4	38.5	57.7





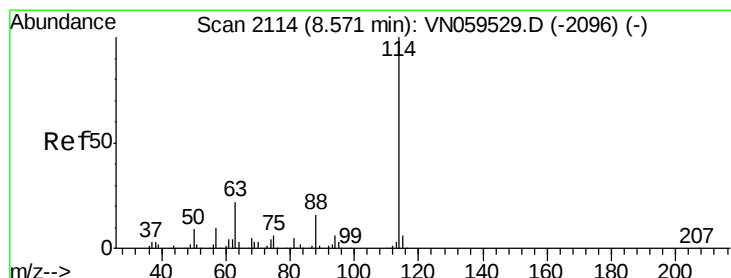
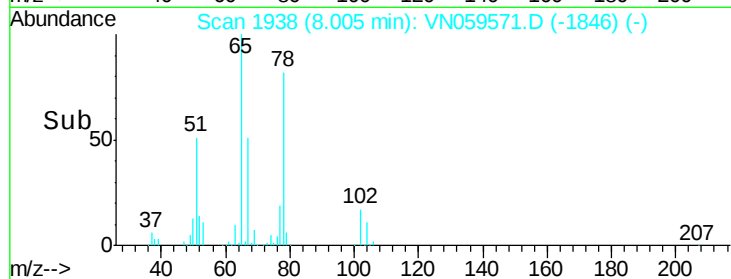
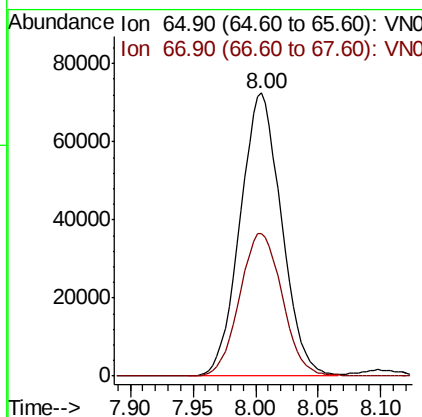
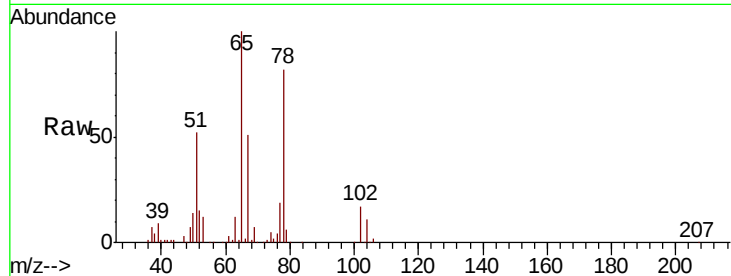
#33
 1,2-Dichloroethane-d4
 Concen: 44.318 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	103.6	

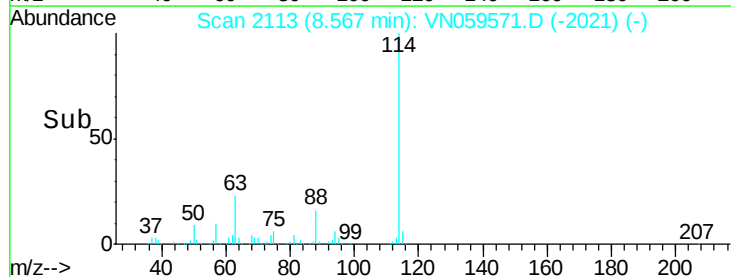
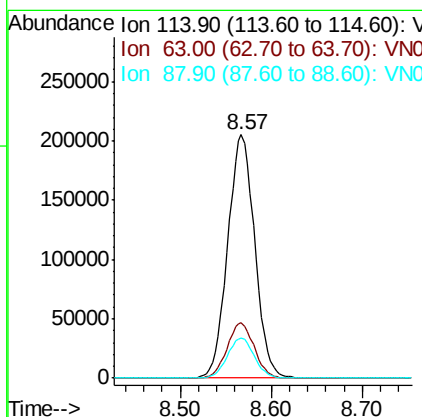
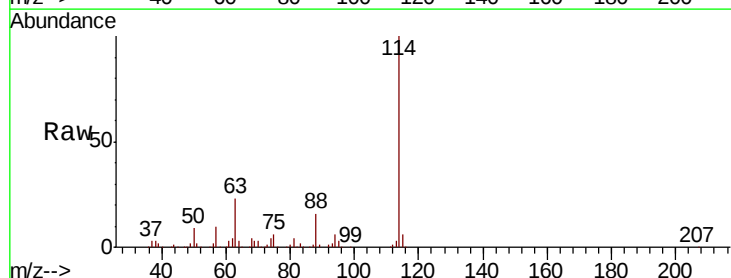
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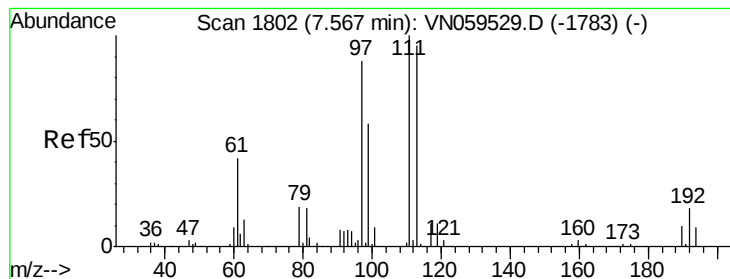
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.5	0.0	45.0	
88	16.4	0.0	32.2	





#35

Dibromofluoromethane

Concen: 46.138 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

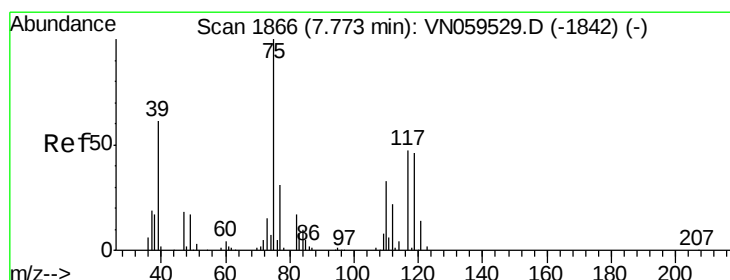
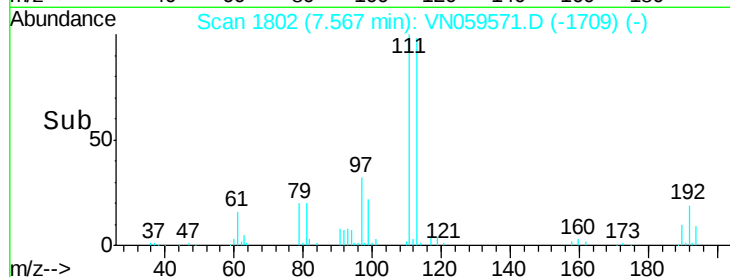
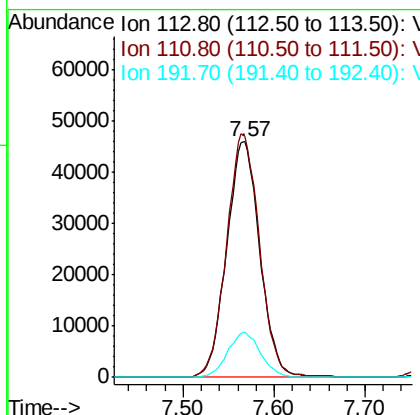
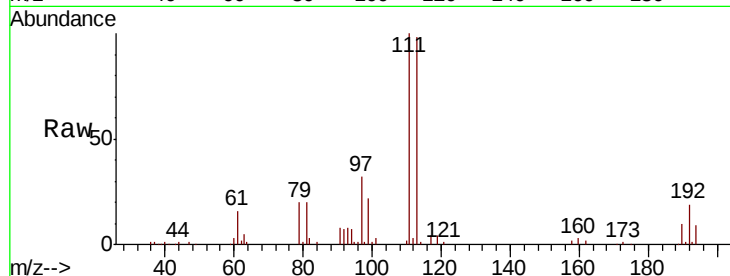
ClientSampleId :

VN1212WBS01

Tot Ion:	113	Resp:	116577
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.2	123.4
192	18.9	14.8	22.2

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#36

1,1-Dichloropropene

Concen: 17.345 ug/l

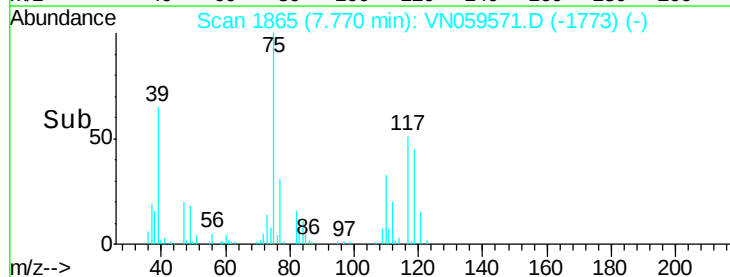
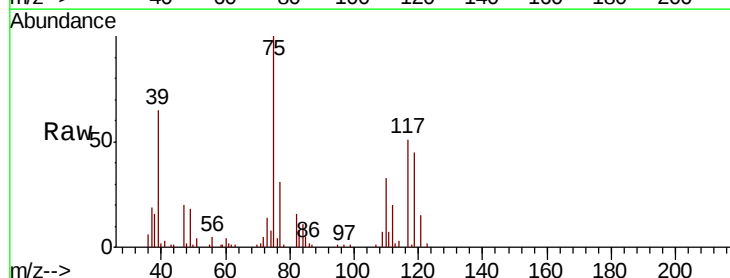
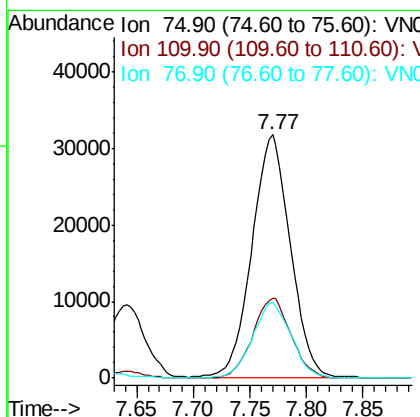
RT: 7.77 min Scan# 1865

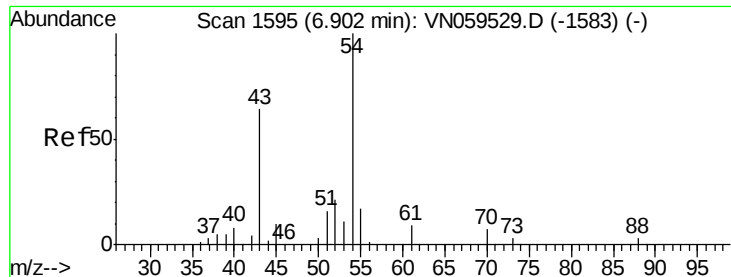
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	75	Resp:	75347
Ion Ratio	Lower	Upper	
75	100		
110	32.4	16.7	50.0
77	31.1	24.6	37.0





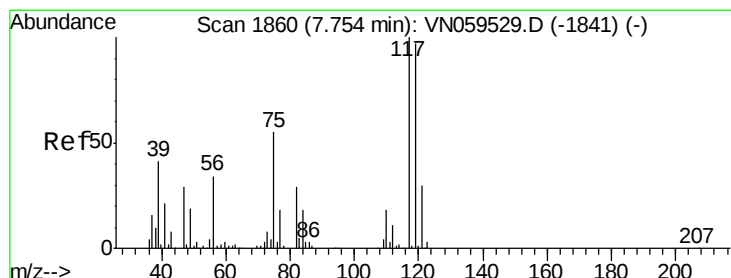
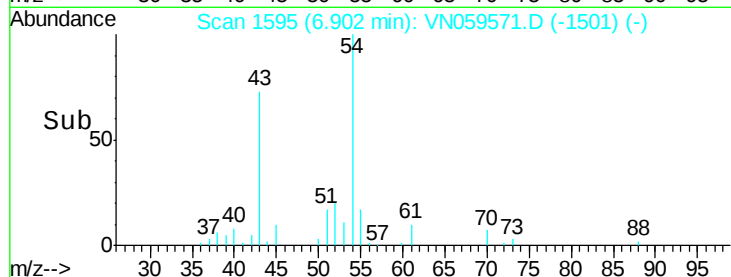
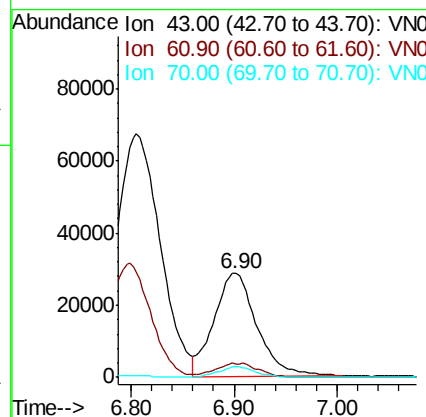
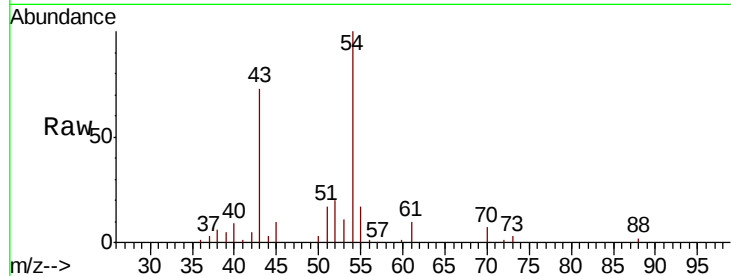
#37
Ethyl Acetate
Concen: 17.419 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	43	61	70
Resp	83003		
Ratio	100	13.7	8.8
Lower		11.0	7.7
Upper		16.6	11.5

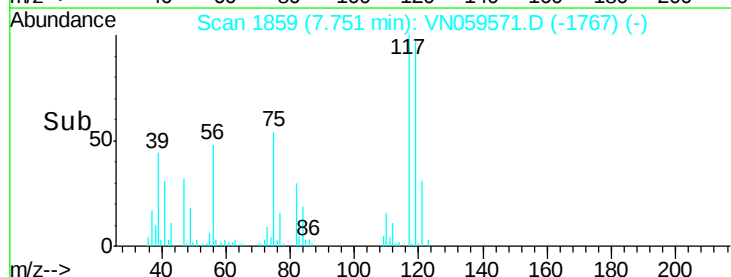
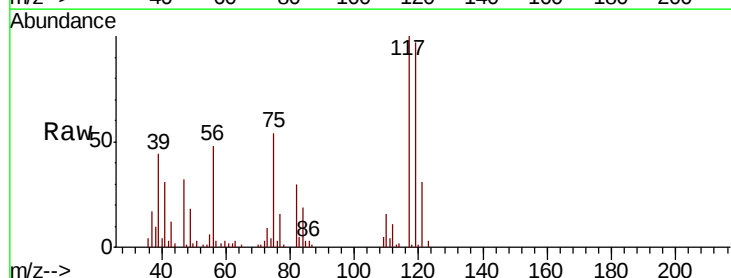
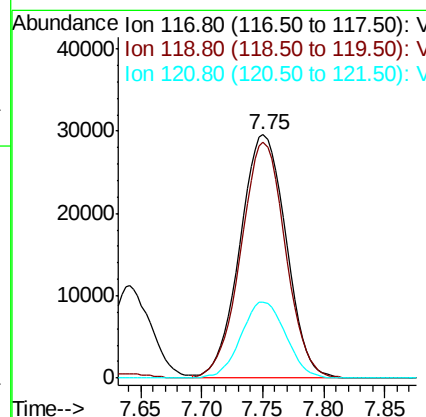
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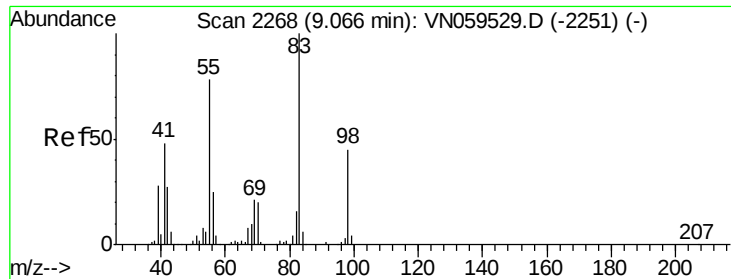
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#38
Carbon Tetrachloride
Concen: 18.087 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	117	119	121
Resp	77447		
Ratio	100	97.0	31.3
Lower		77.0	24.1
Upper		115.4	36.1





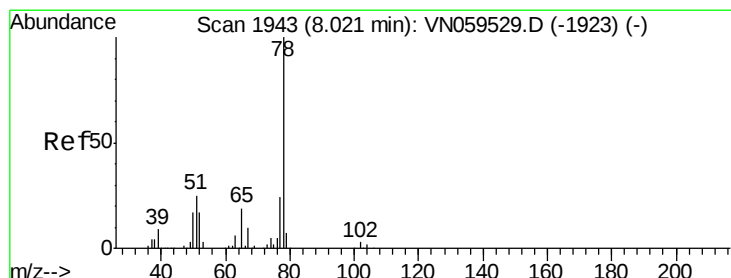
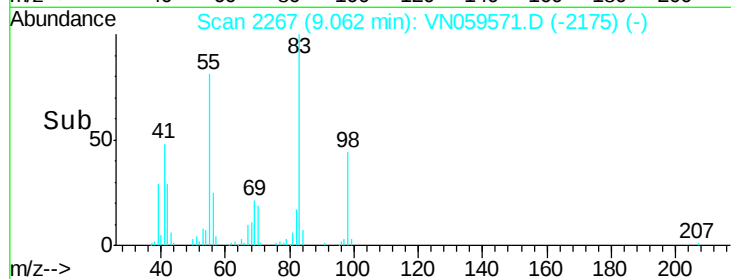
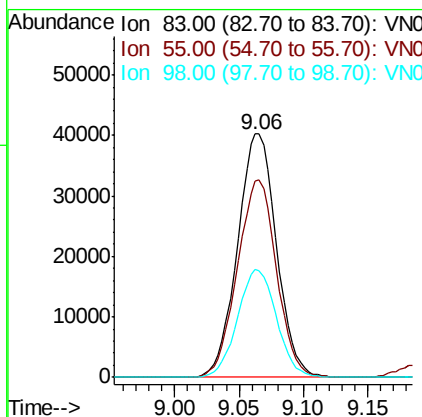
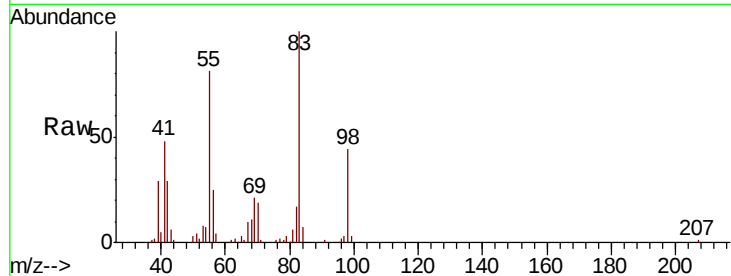
#39
Methvlcvclohexane
Concen: 17.345 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	62.7	94.1
98	44.1	35.7	53.5

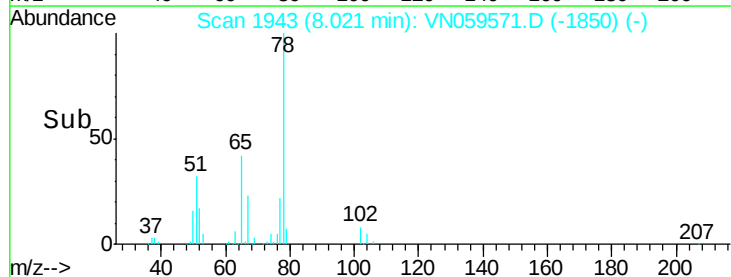
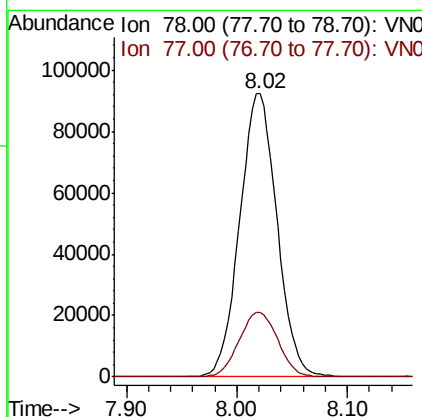
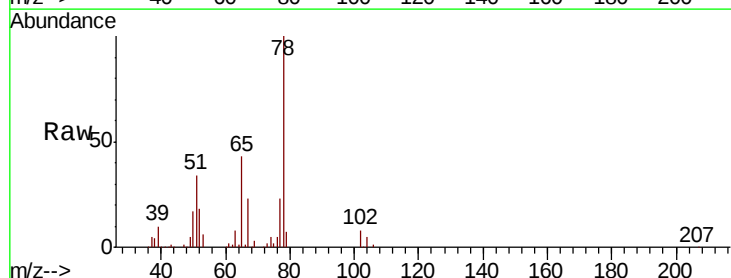
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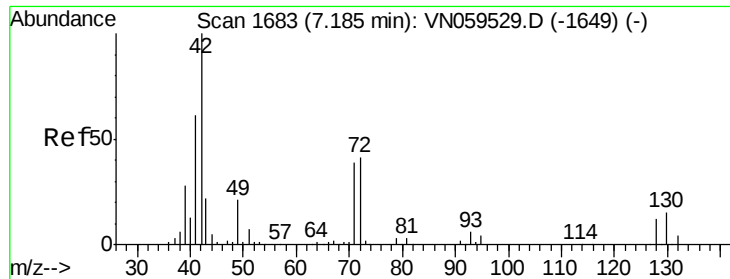
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#40
Benzene
Concen: 17.394 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2





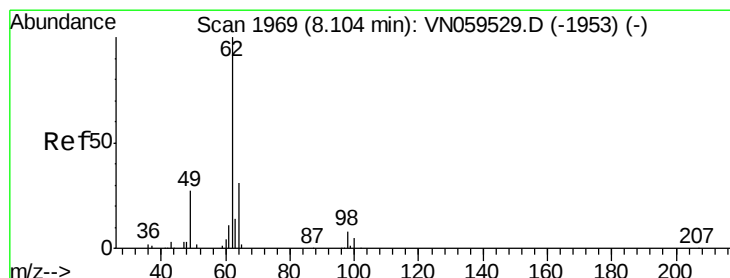
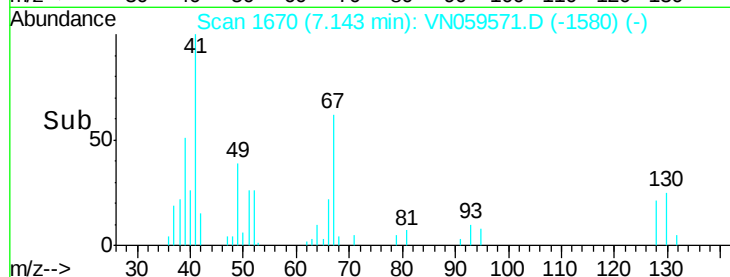
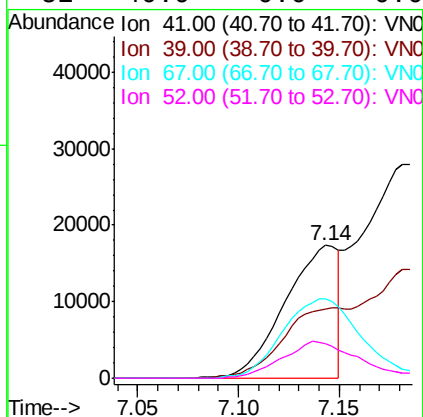
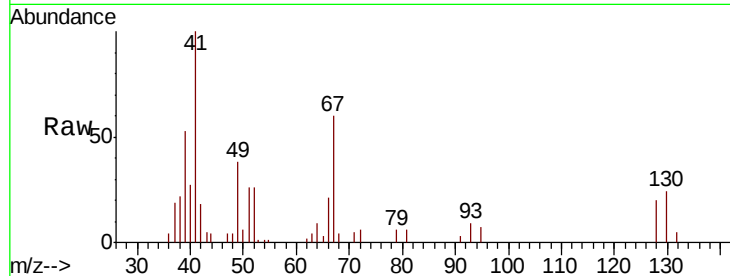
#41
Methacrylonitrile
Concen: 15.079 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.6	0.0	0.0#
67	90.0	0.0	0.0#
52	40.9	0.0	0.0#

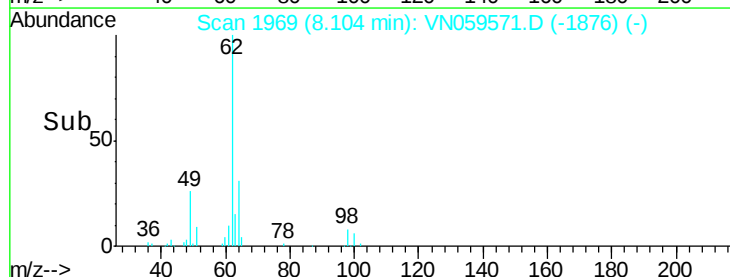
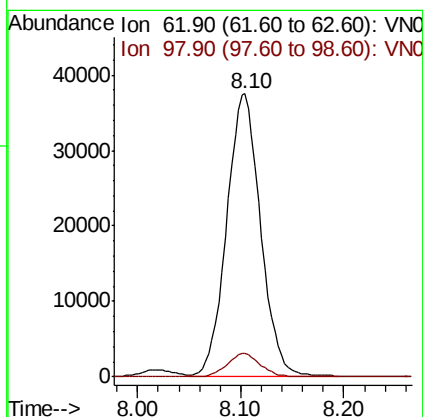
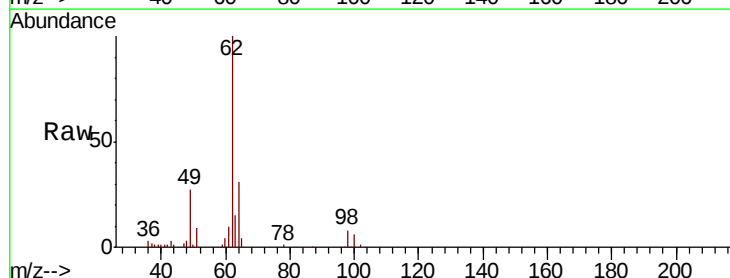
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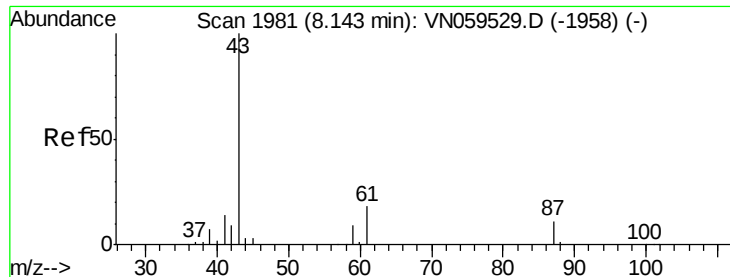
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#42
1,2-Dichloroethane
Concen: 18.592 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.4





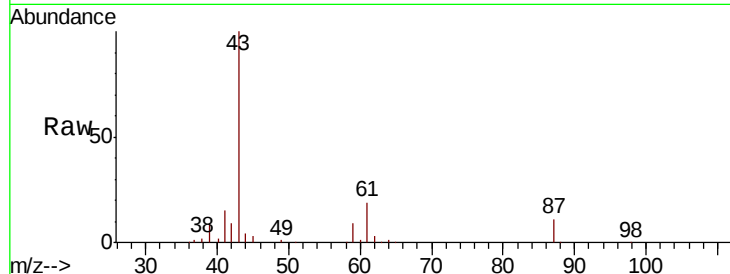
#43
Isopropyl Acetate
Concen: 17.205 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

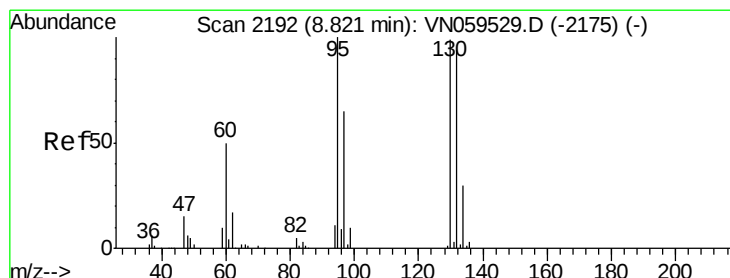
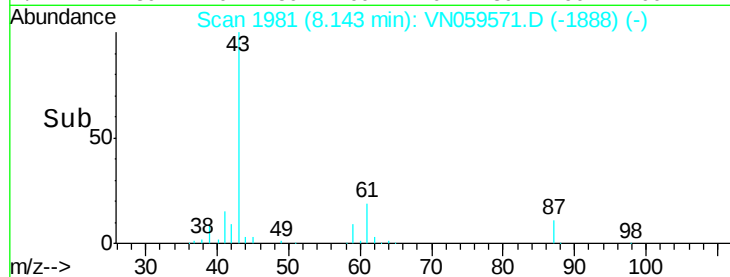
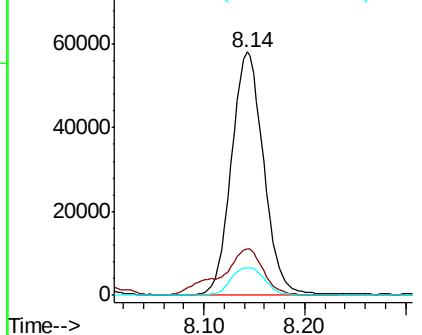
Tot Ion	Ratio	Lower	Upper
43	100		
61	25.2	19.8	29.6
87	11.9	9.4	14.2

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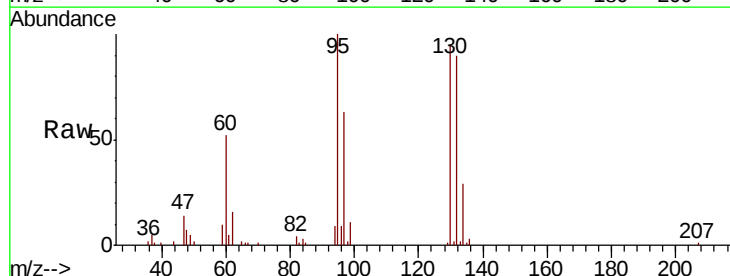


Abundance Ion 43.00 (42.70 to 43.70): VN059571.D (-1888) (-)

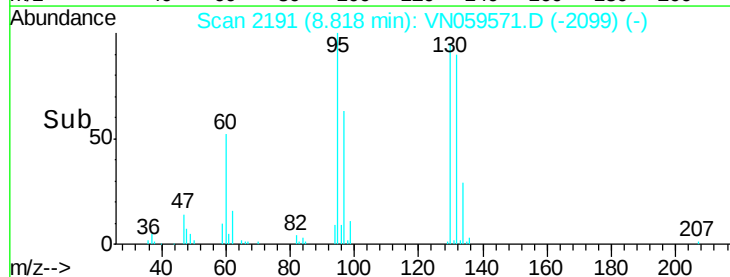
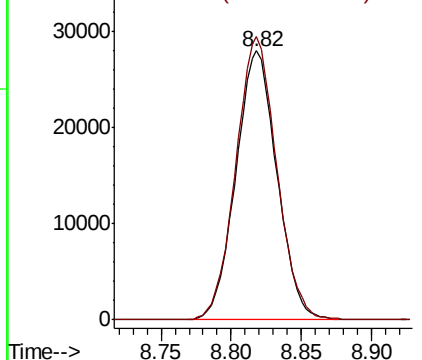


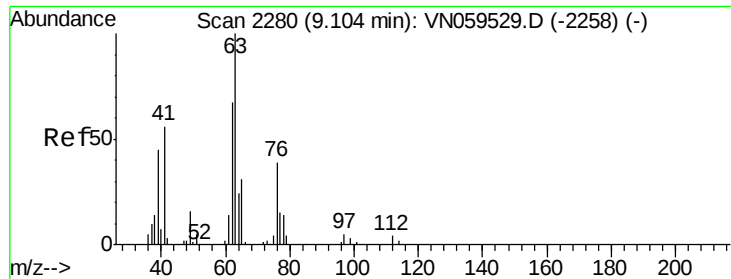
#44
Trichloroethene
Concen: 18.153 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	202.0



Abundance Ion 129.80 (129.50 to 130.50): VN059571.D (-2099) (-)





#45

1,2-Dichloropropane

Concen: 17.810 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 63 Resp: 58549

Ion Ratio Lower Upper

63 100

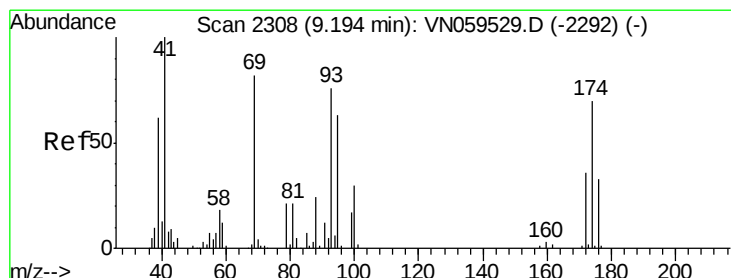
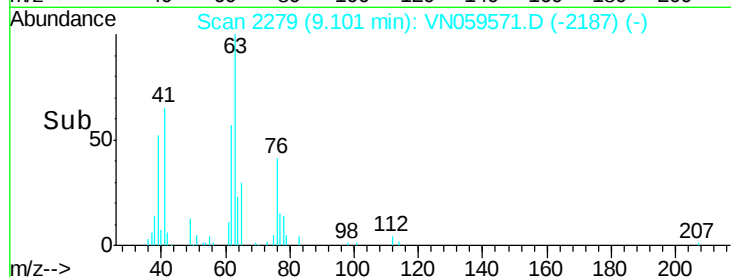
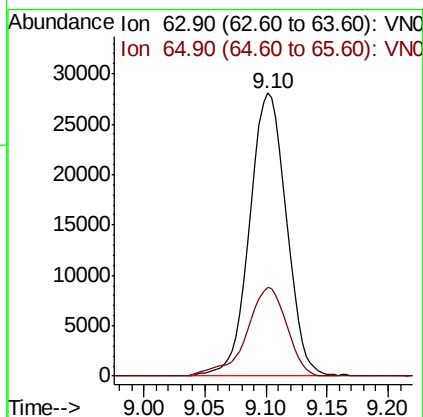
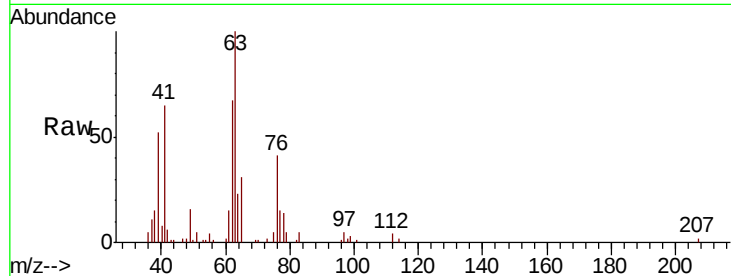
65 31.4 24.8 37.2

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#46

Dibromomethane

Concen: 17.495 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

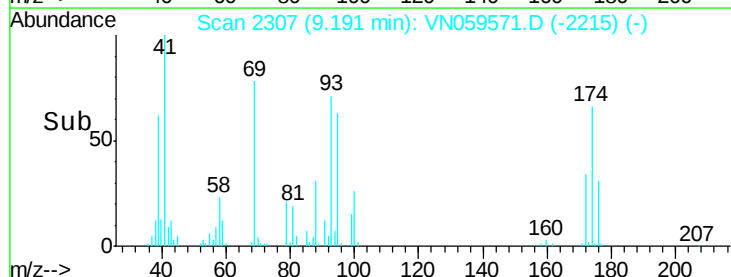
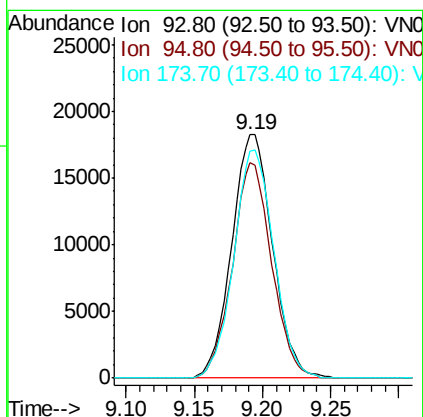
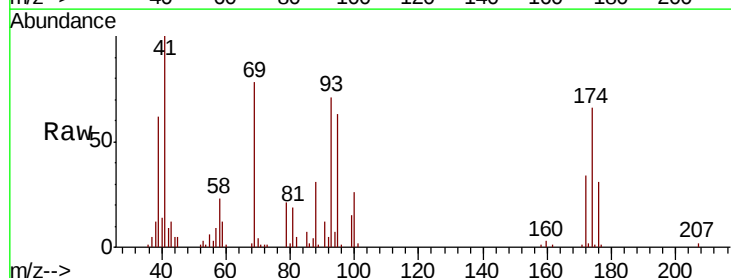
Tgt Ion: 93 Resp: 38010

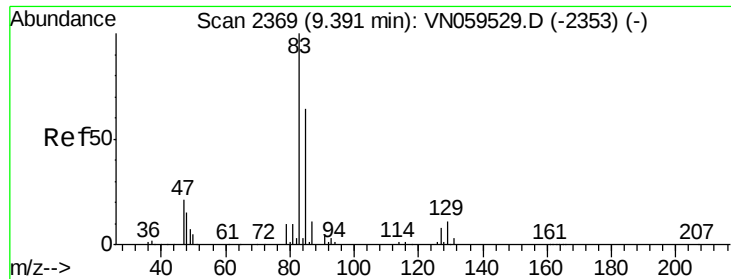
Ion Ratio Lower Upper

93 100

95 84.6 67.0 100.6

174 91.5 75.6 113.4





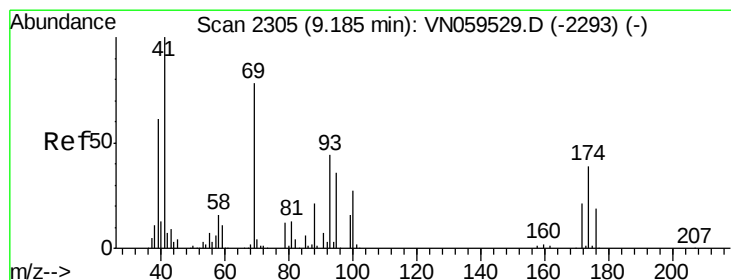
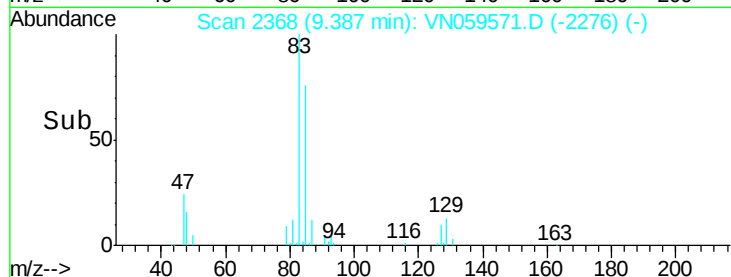
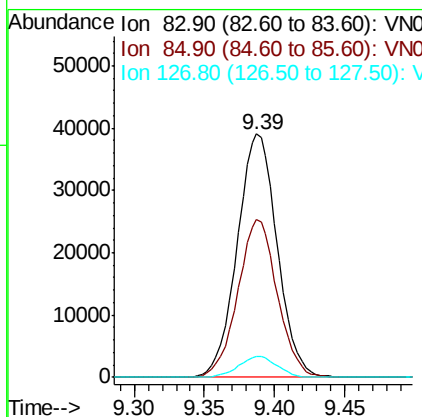
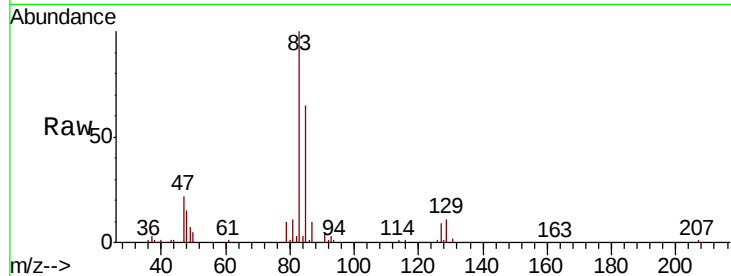
#47
Bromodichloromethane
Concen: 17.911 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	83	Resp	77338
Ion Ratio	100		
85	64.9	51.4	77.0
127	8.7	6.7	10.1

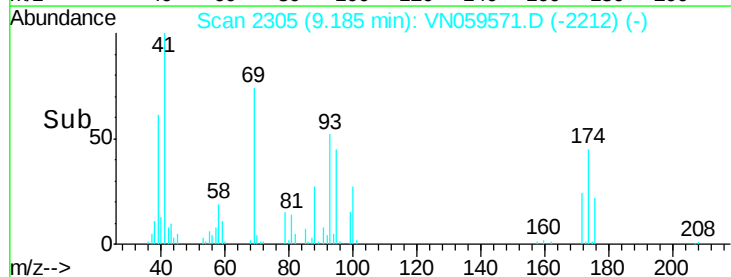
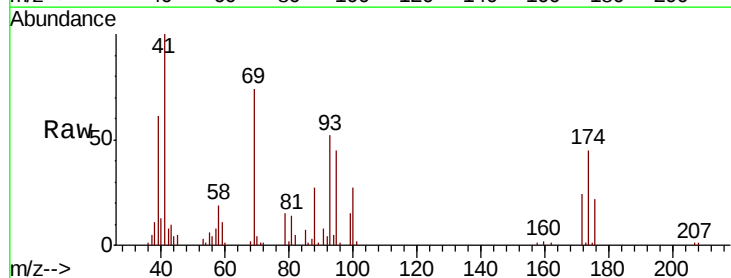
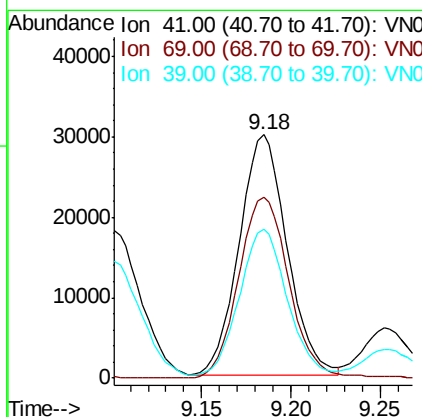
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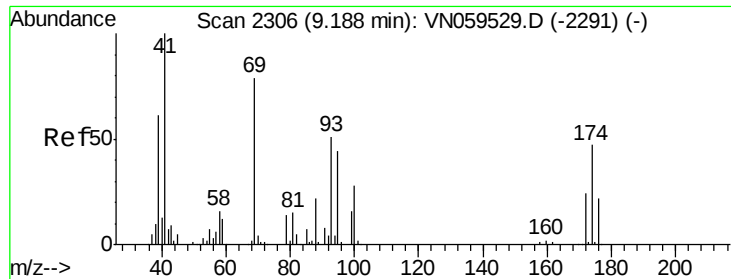
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#48
Methyl methacrylate
Concen: 17.097 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	41	Resp	56059
Ion Ratio	100		
69	79.6	64.0	96.0
39	62.6	50.0	75.0





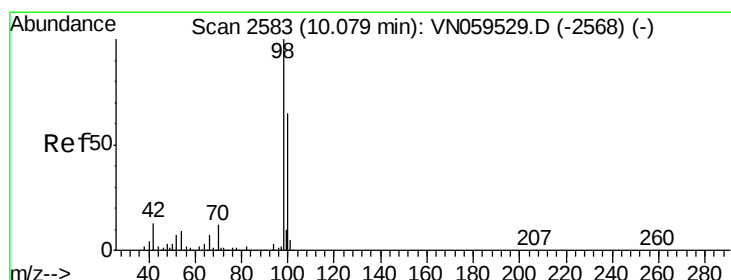
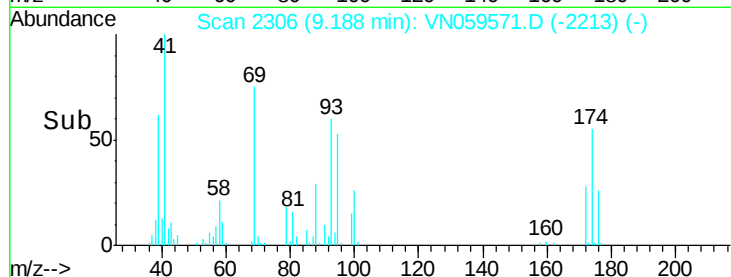
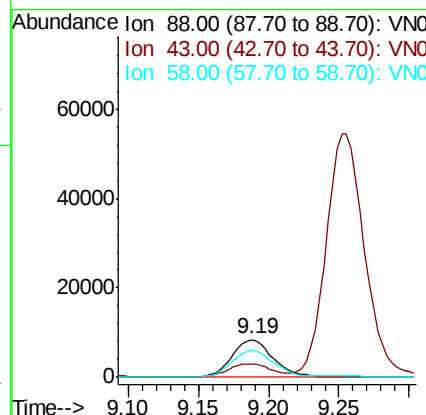
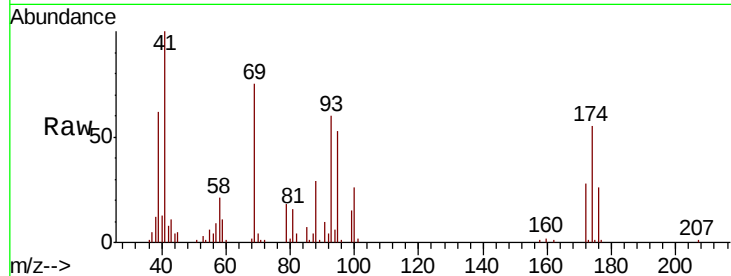
#49
1,4-Dioxane
Concen: 415.555 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	88	Resp	17433
Ion	Ratio	Lower	Upper
88	100		
43	39.0	31.4	47.0
58	73.5	61.0	91.6

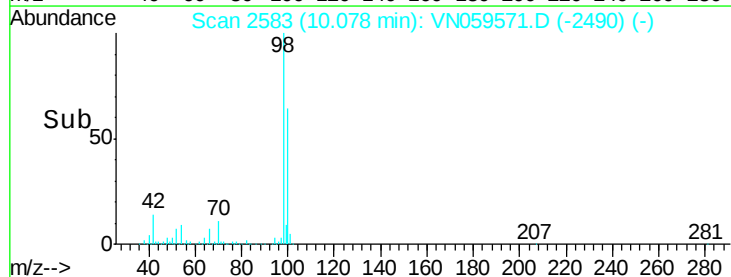
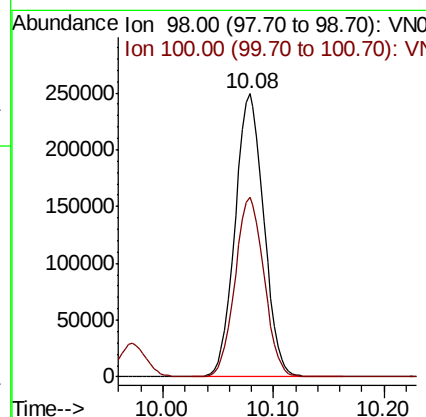
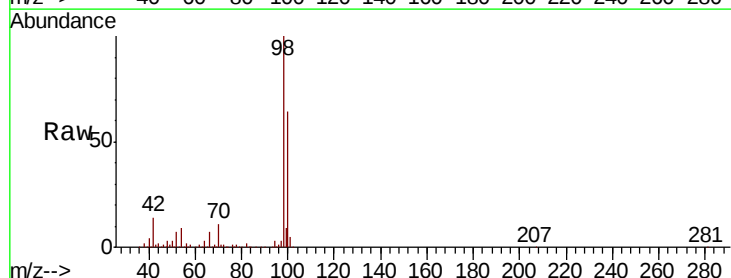
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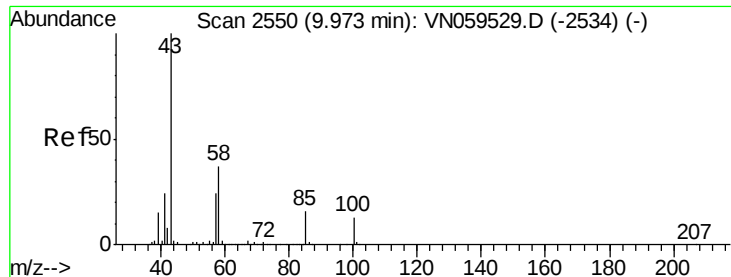
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#50
Toluene-d8
Concen: 43.717 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	98	Resp	450964
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 80.948 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 43 Resp: 388298

Ion Ratio Lower Upper

43 100

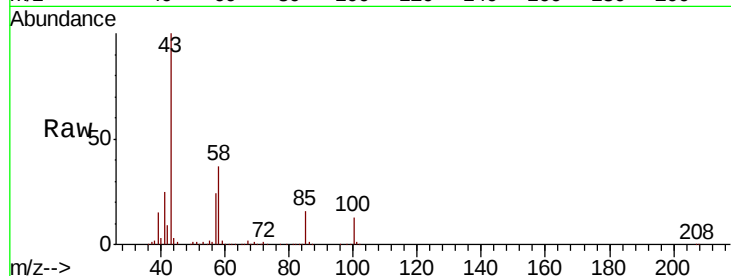
58 37.0 30.1 45.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

100000

50000

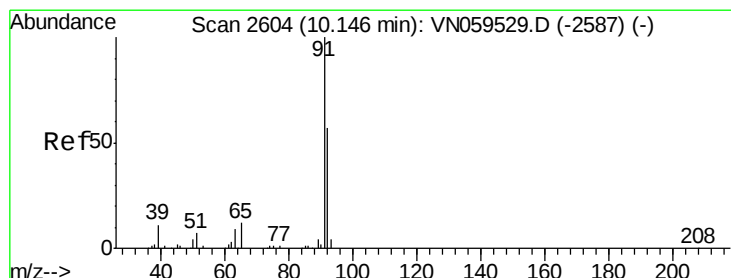
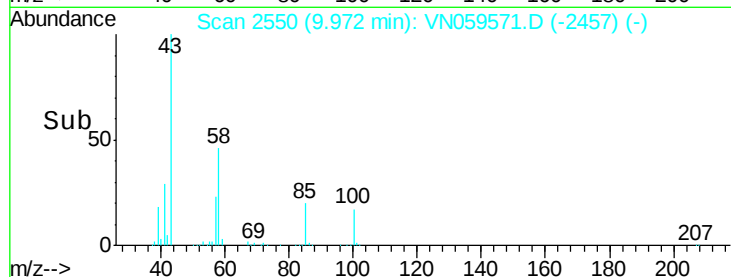
0

9.90

9.97

10.00

Time-->



#52

Toluene

Concen: 17.842 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059571.D

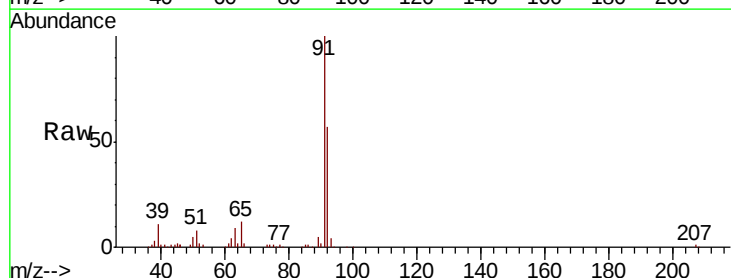
Acq: 12 Dec 2019 13:53

Tgt Ion: 92 Resp: 131923

Ion Ratio Lower Upper

92 100

91 174.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

100000

50000

0

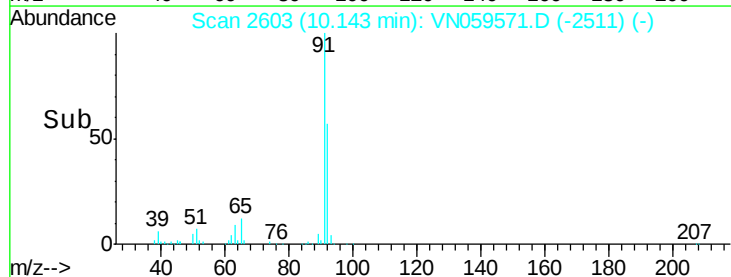
10.05

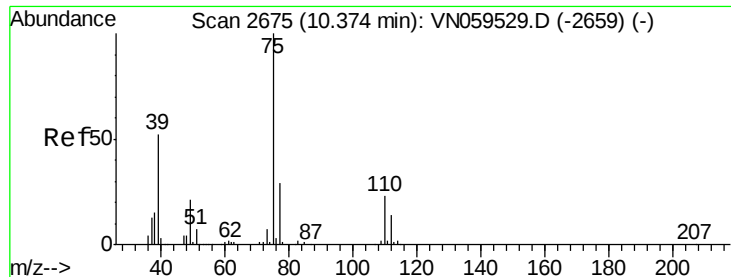
10.10

10.14

10.20

Time-->





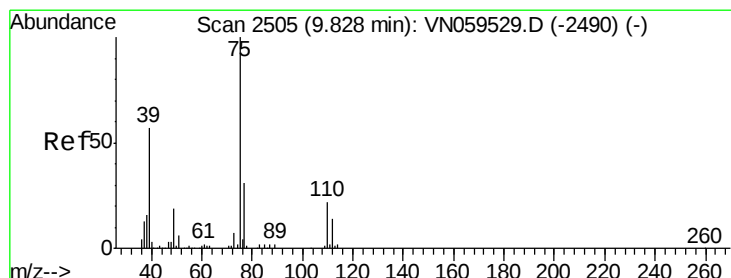
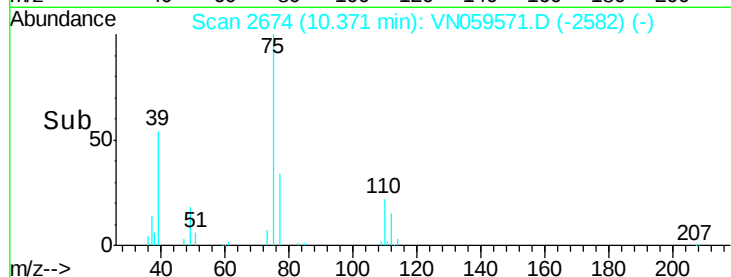
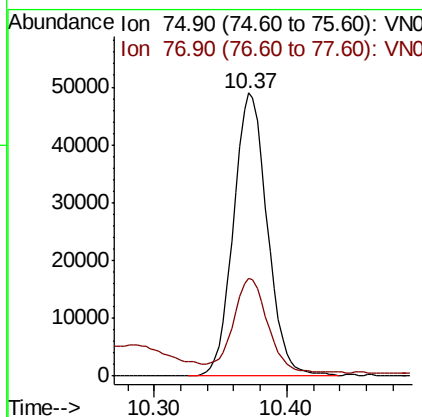
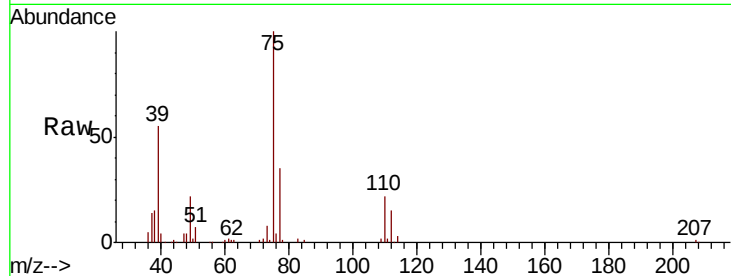
#53
t-1,3-Dichloropropene
Concen: 17.255 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion: 75 Resp: 86809
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7

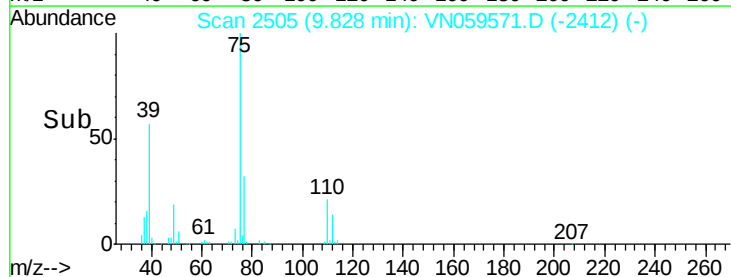
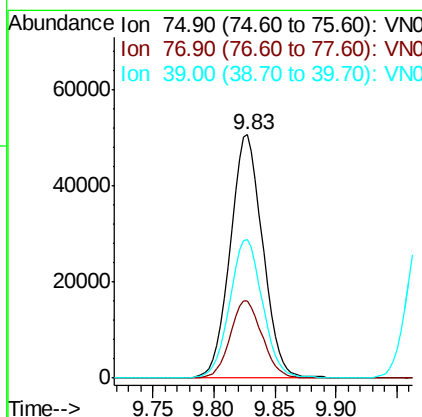
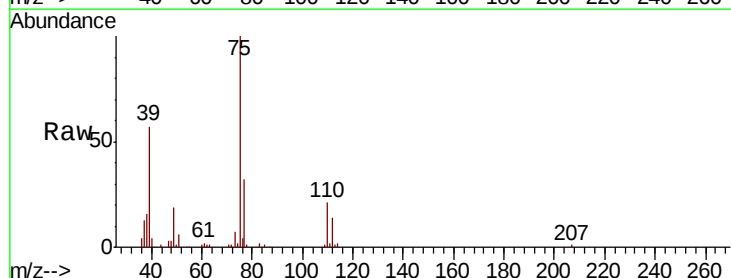
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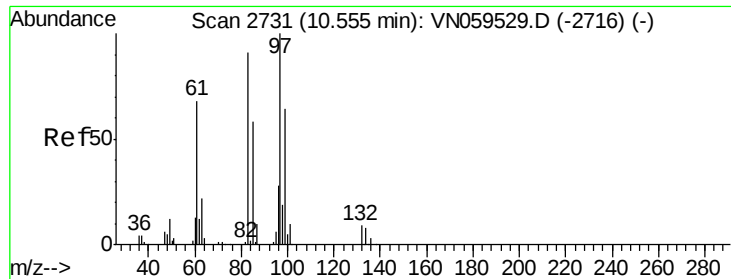
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#54
cis-1,3-Dichloropropene
Concen: 18.294 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion: 75 Resp: 94197
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 57.0 45.6 68.4





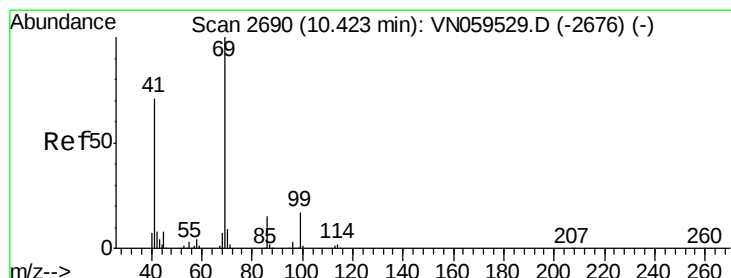
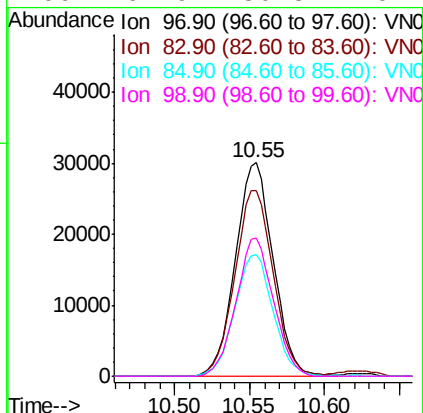
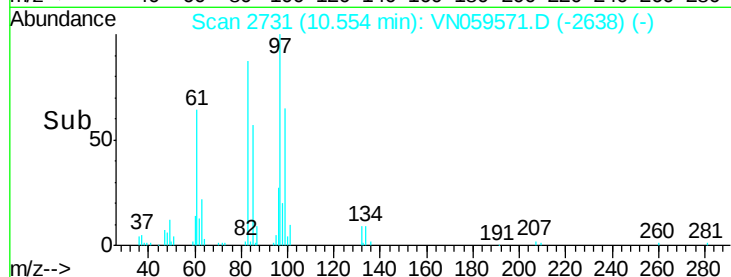
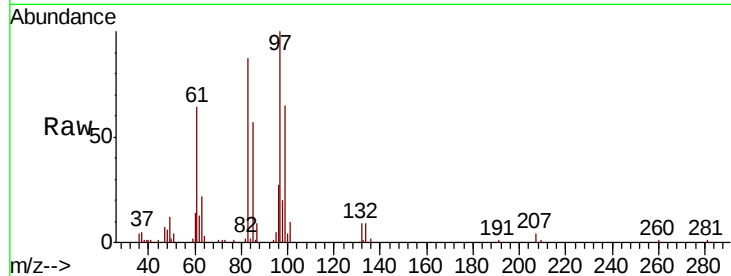
#55
 1,1,2-Trichloroethane
 Concen: 17.705 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Tot Ion:	97	Resp:	52947
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.9	109.3
85	57.1	46.1	69.1
99	64.9	50.8	76.2

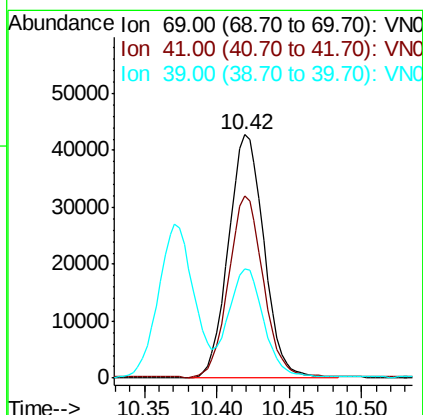
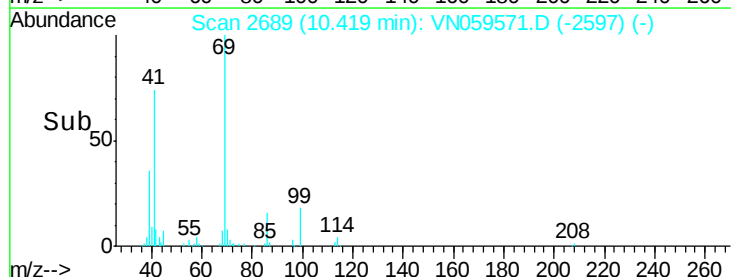
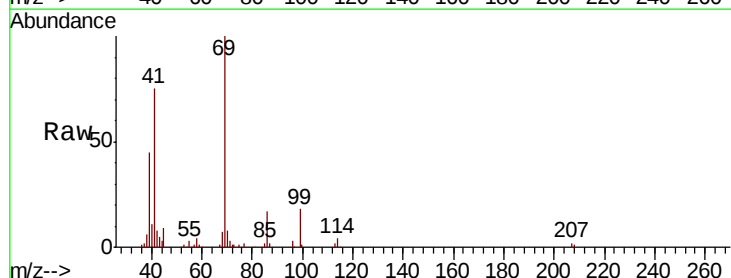
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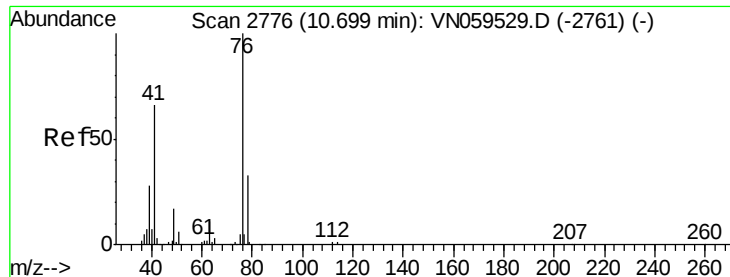
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#56
 Ethyl methacrylate
 Concen: 15.666 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Tgt Ion:	69	Resp:	72846
Ion	Ratio	Lower	Upper
69	100		
41	72.5	57.7	86.5
39	43.5	34.2	51.2





#57

1,3-Dichloropropane

Concen: 17.631 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 76 Resp: 90048

Ion Ratio Lower Upper

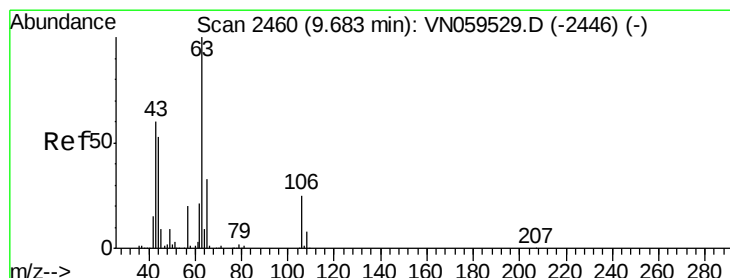
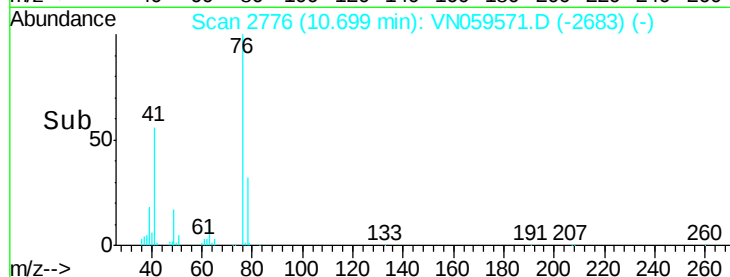
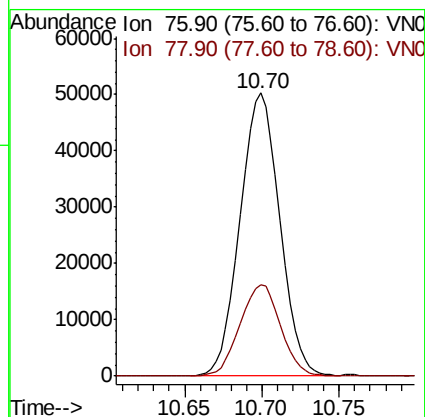
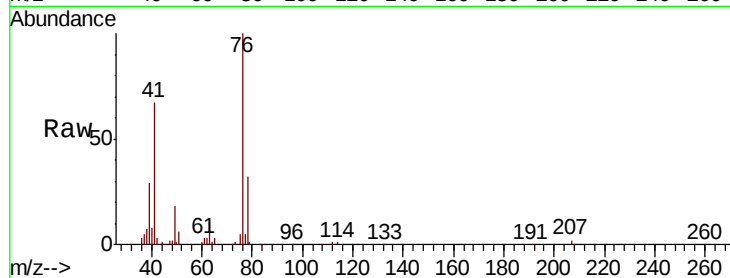
76 100

78 33.0 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 115.678 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059571.D

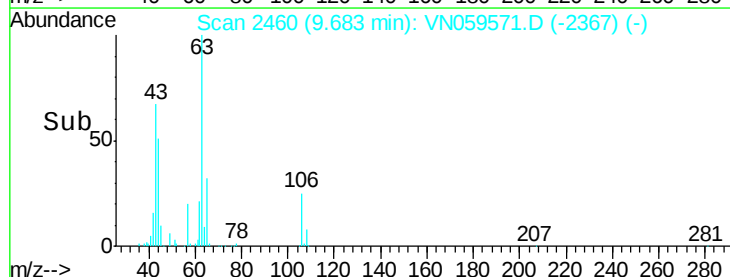
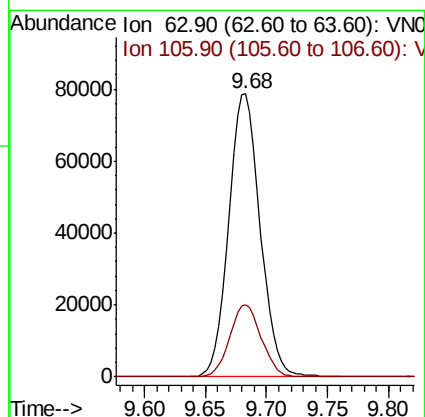
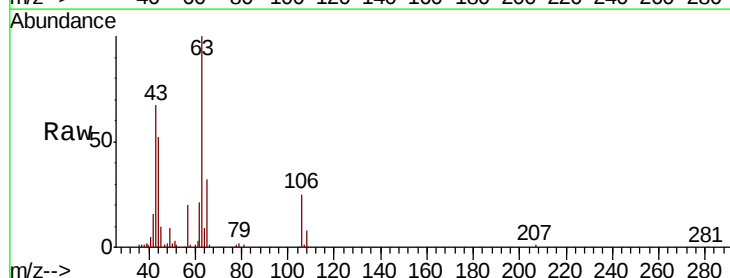
Acq: 12 Dec 2019 13:53

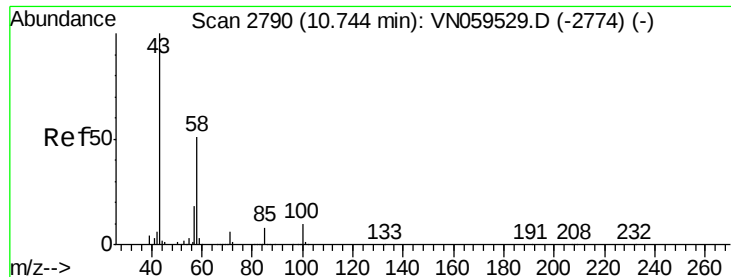
Tgt Ion: 63 Resp: 141716

Ion Ratio Lower Upper

63 100

106 25.5 19.9 29.9





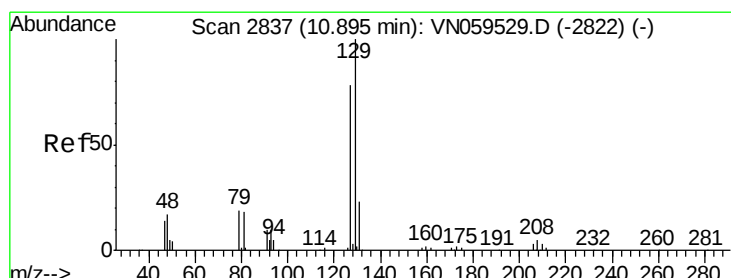
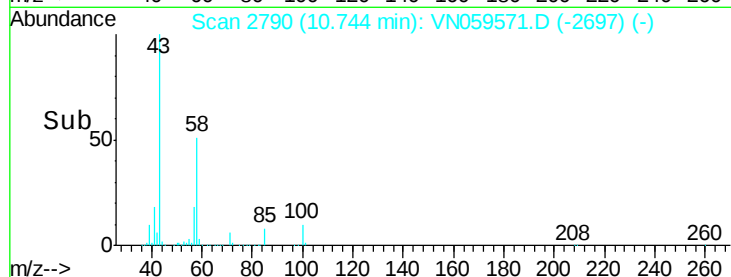
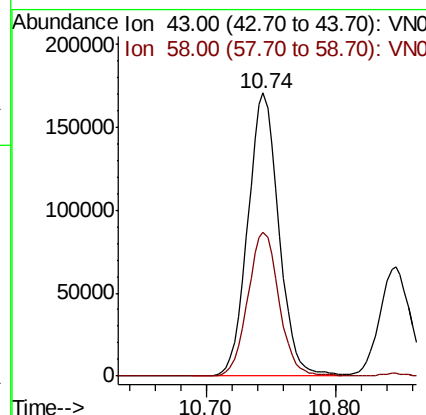
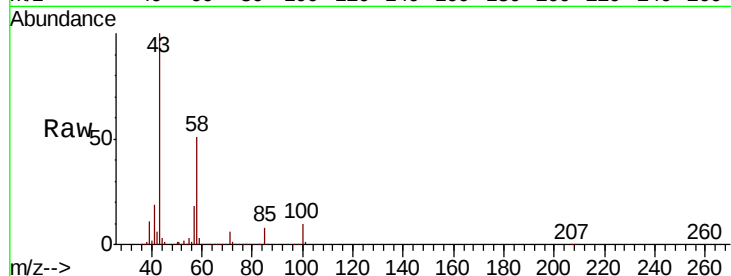
#59
2-Hexanone
Concen: 80.033 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	25.9	77.6

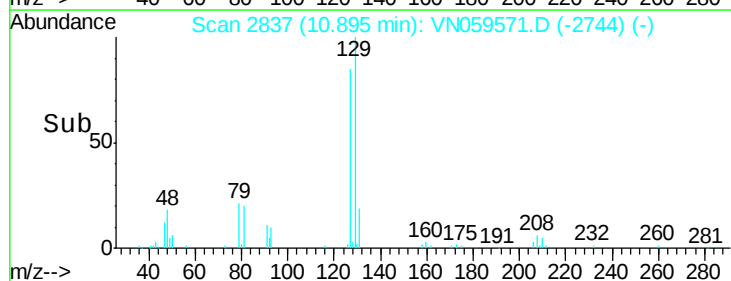
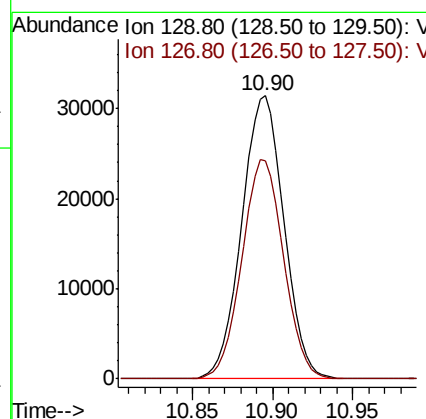
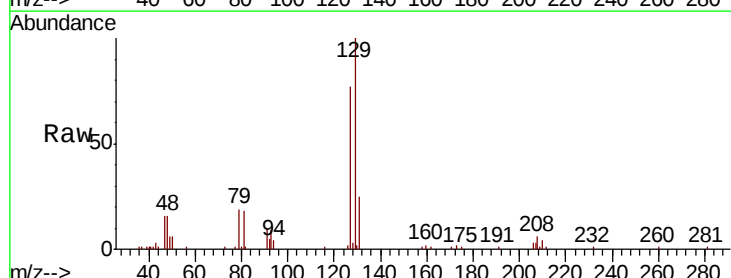
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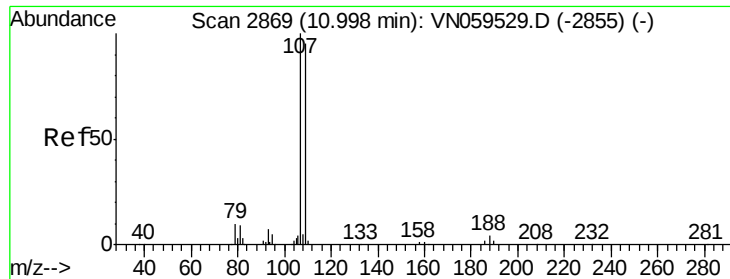
apatel
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#60
Dibromochloromethane
Concen: 16.577 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.9	116.6





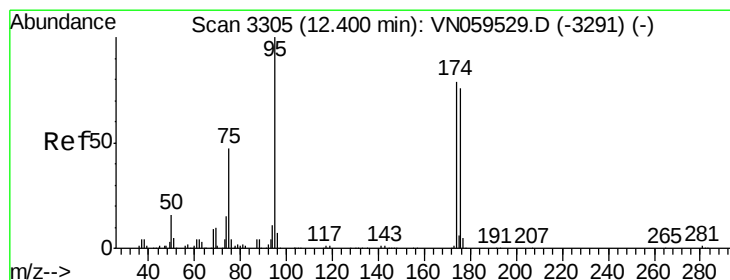
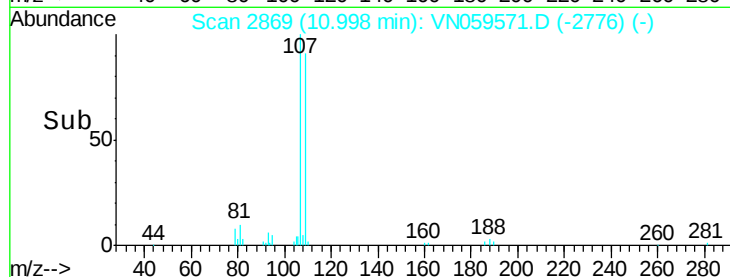
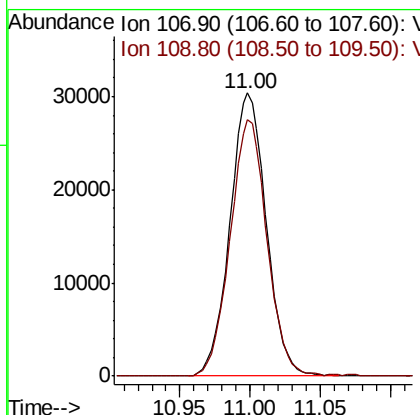
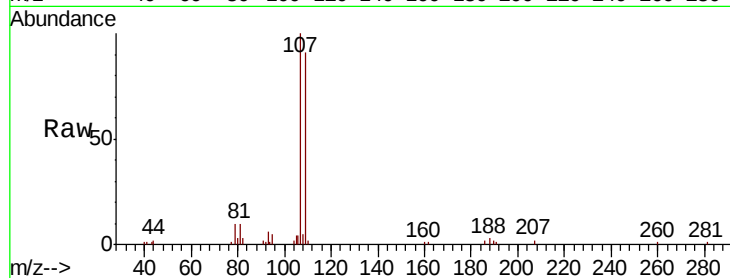
#61
 1,2-Dibromoethane
 Concen: 17.554 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	76.1	114.1

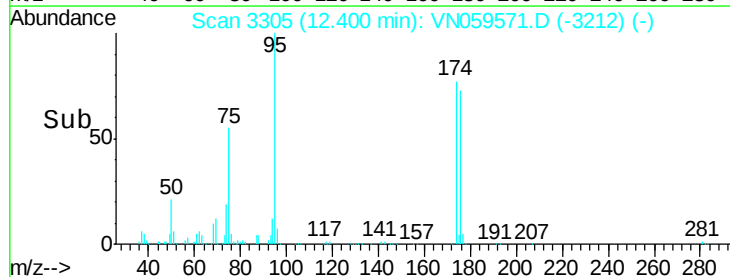
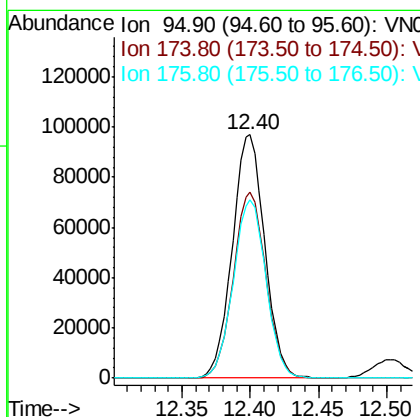
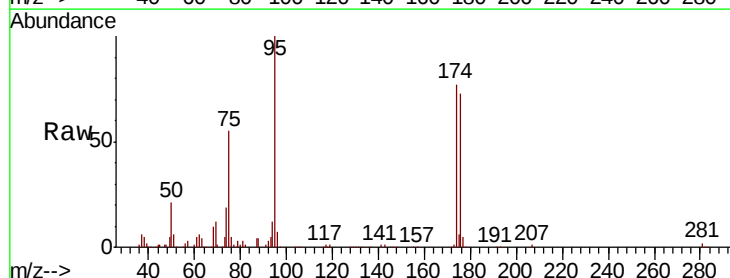
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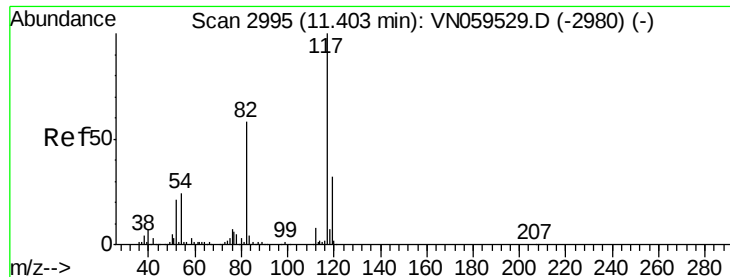
apatel
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#62
 4-Bromofluorobenzene
 Concen: 41.893 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059571.D
 Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	158.0
176	74.0	0.0	155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

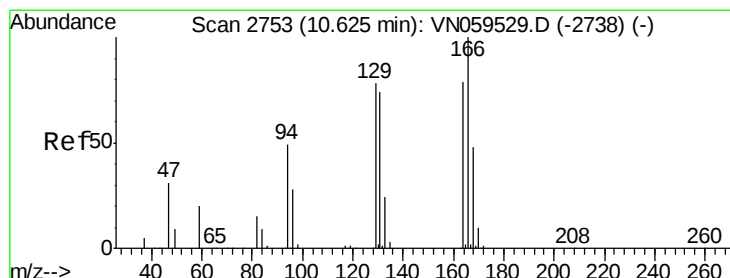
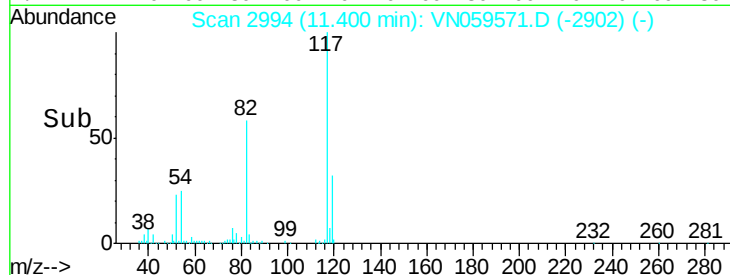
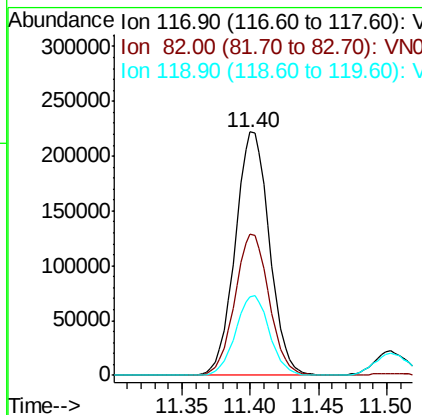
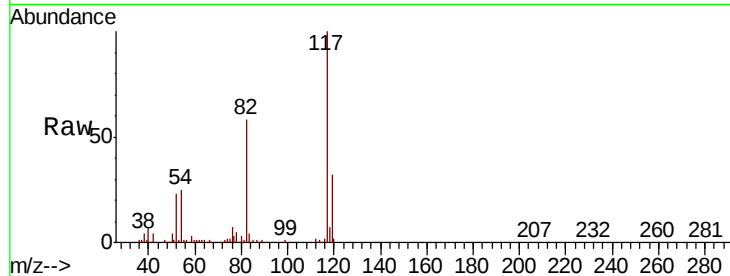
ClientSampleId :

VN1212WBS01

Tot Ion:	117	Resp:	386309
Ion Ratio		Lower	Upper
117	100		
82	58.2	46.5	69.7
119	32.4	25.2	37.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.184 ug/l

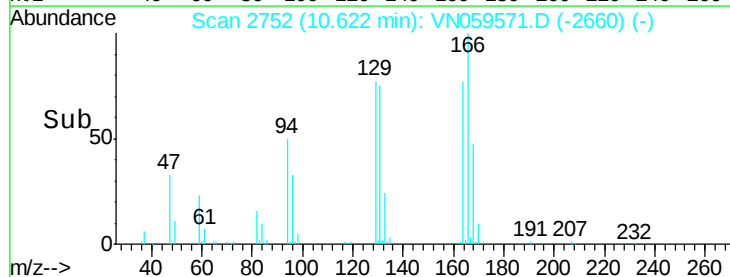
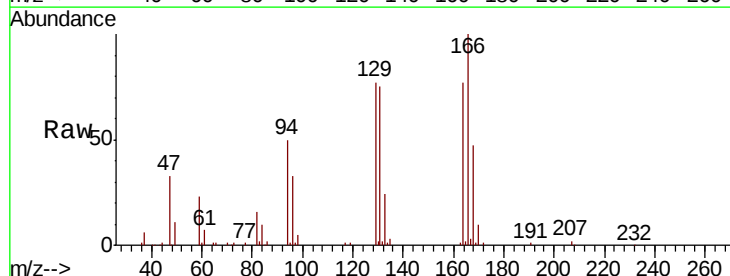
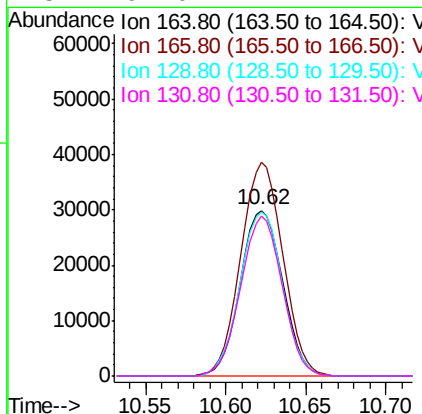
RT: 10.62 min Scan# 2752

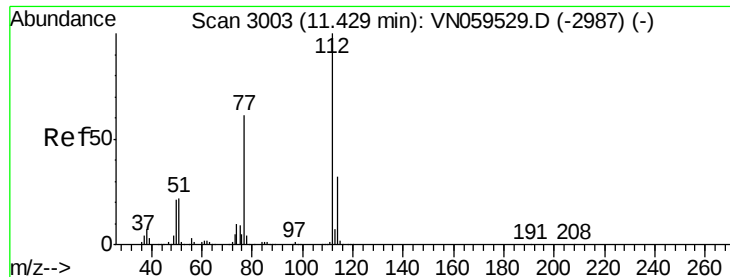
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	164	Resp:	54163
Ion Ratio		Lower	Upper
164	100		
166	129.3	101.6	152.4
129	99.5	79.0	118.6
131	97.0	74.7	112.1





#65

Chlorobenzene

Concen: 17.389 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion:112 Resp: 140754

Ion Ratio Lower Upper

112 100

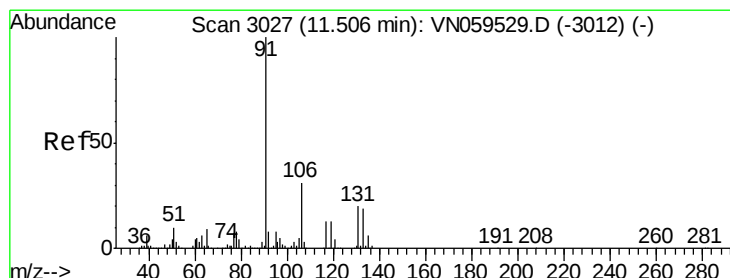
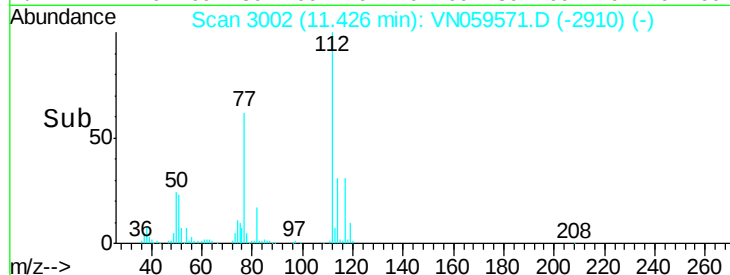
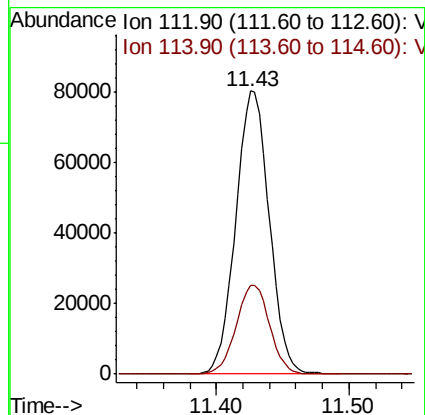
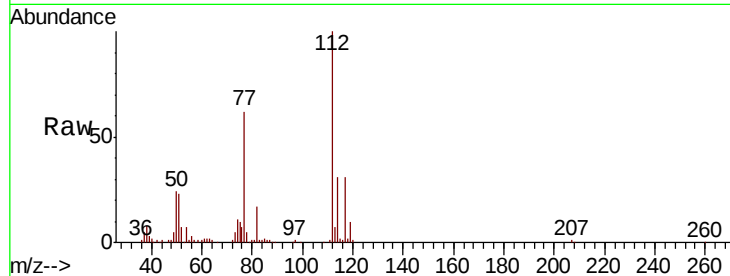
114 31.3 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.418 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

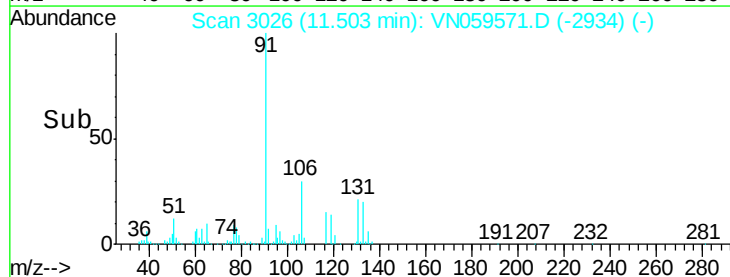
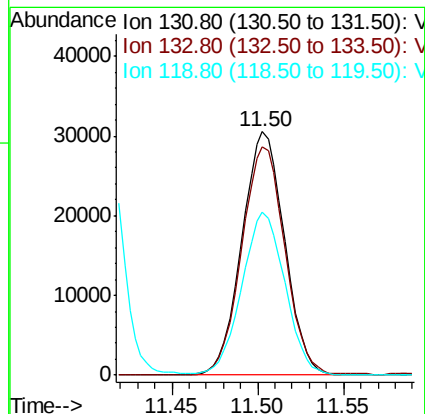
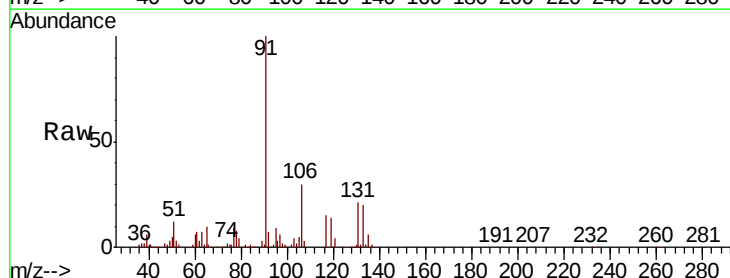
Tgt Ion:131 Resp: 52583

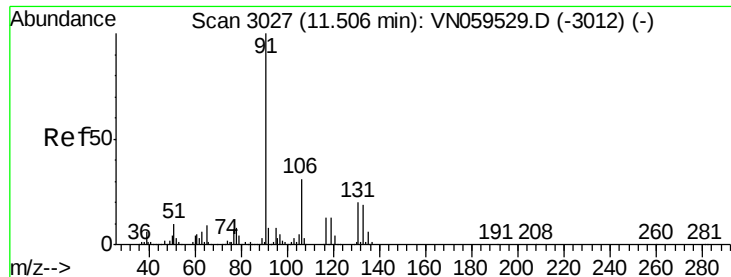
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 67.8 33.4 100.2





#67

Ethyl Benzene

Concen: 17.147 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 91 Resp: 249755

Ion Ratio Lower Upper

91 100

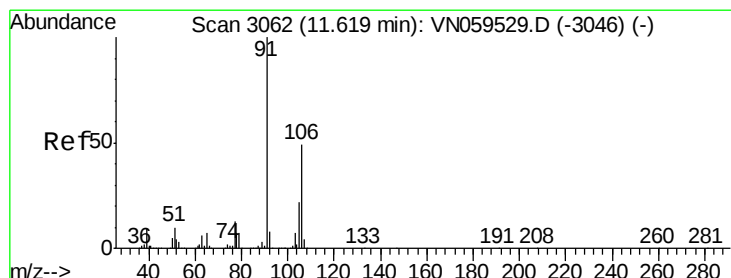
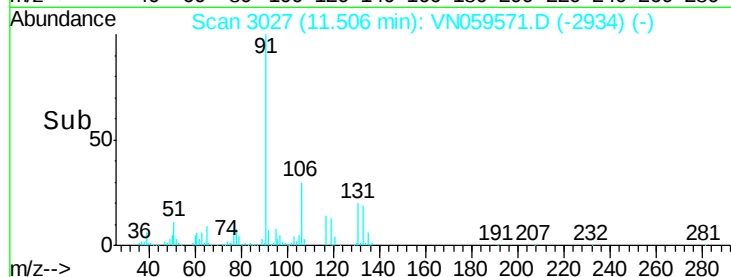
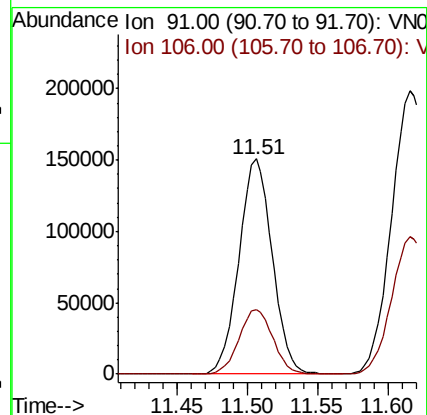
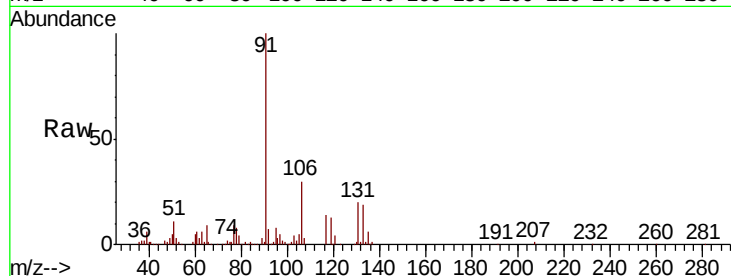
106 30.1 24.5 36.7

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#68

m/p-Xylenes

Concen: 33.827 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059571.D

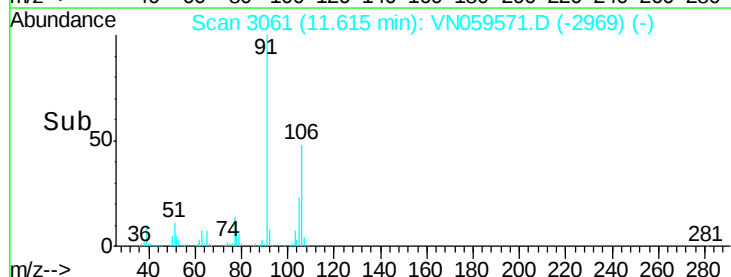
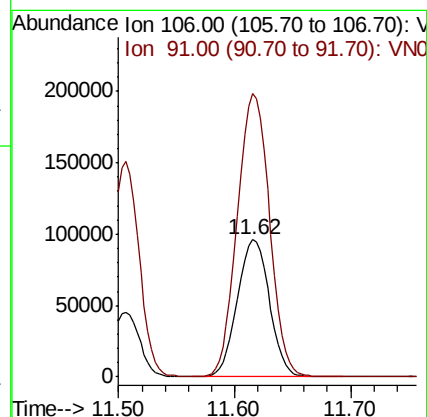
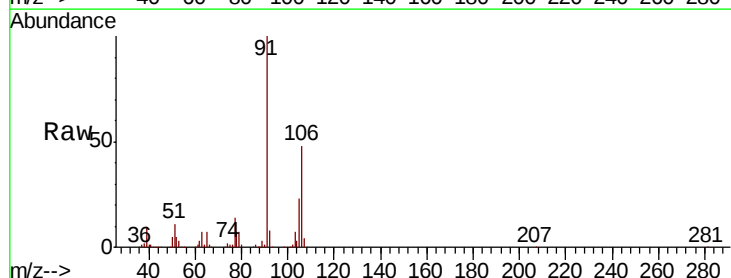
Acq: 12 Dec 2019 13:53

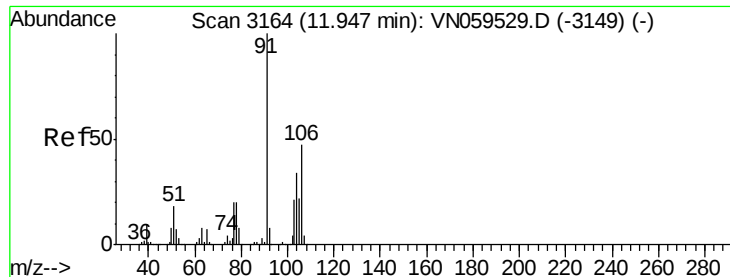
Tgt Ion: 106 Resp: 184833

Ion Ratio Lower Upper

106 100

91 206.6 162.9 244.3





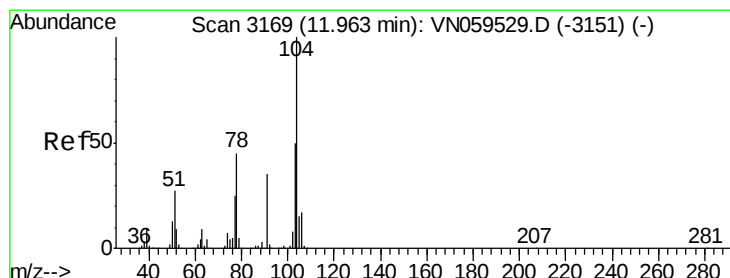
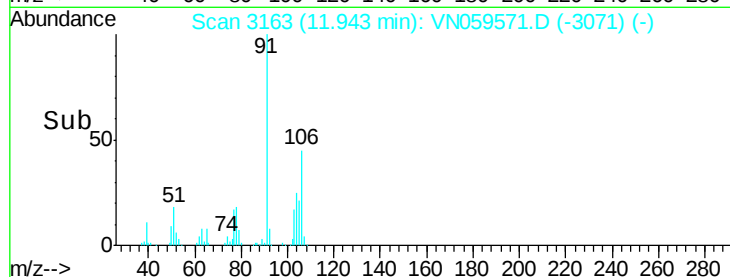
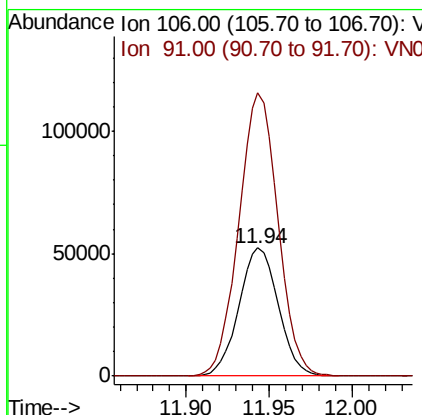
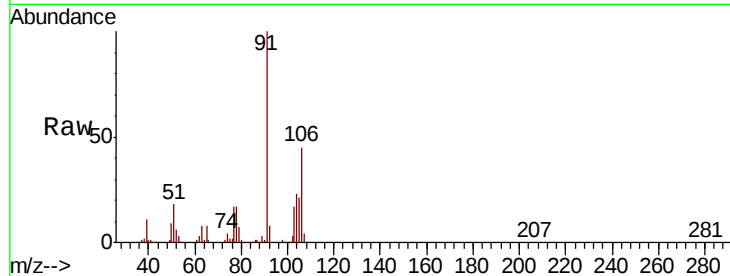
#69
o-Xylene
Concen: 17.027 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion:106 Resp: 86597
Ion Ratio Lower Upper
106 100
91 219.7 106.7 319.9

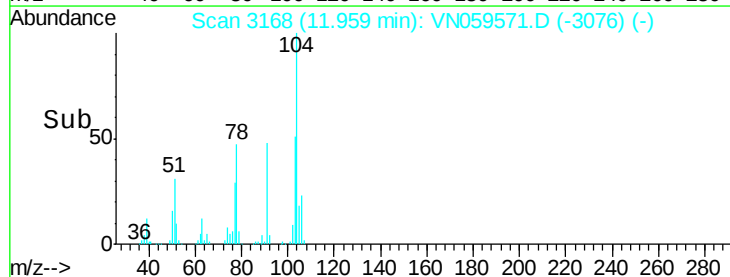
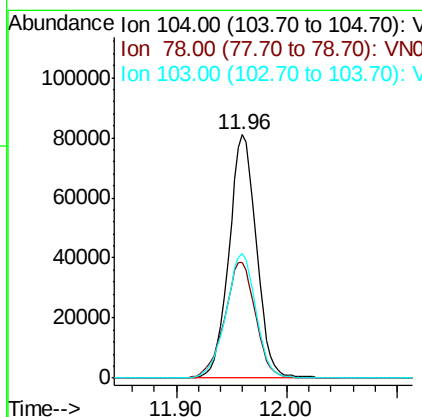
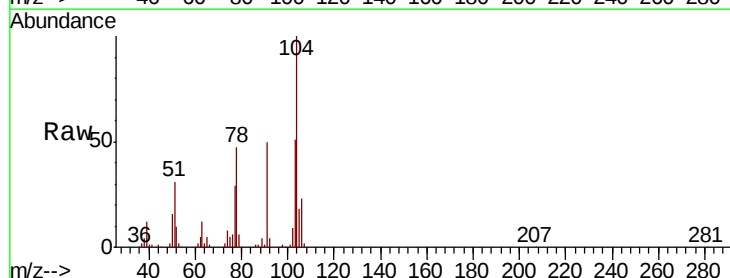
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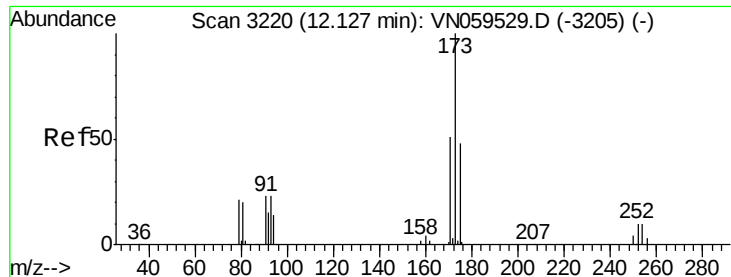
apatel
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#70
Styrene
Concen: 16.614 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion:104 Resp: 139981
Ion Ratio Lower Upper
104 100
78 53.5 40.6 60.8
103 55.8 43.9 65.9





#71

Bromoform

Concen: 15.954 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

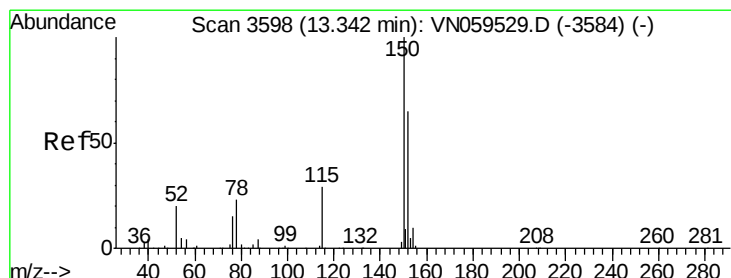
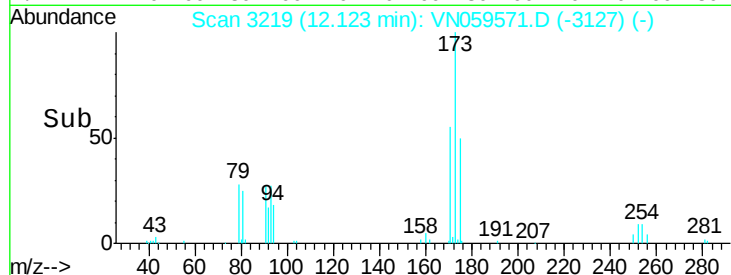
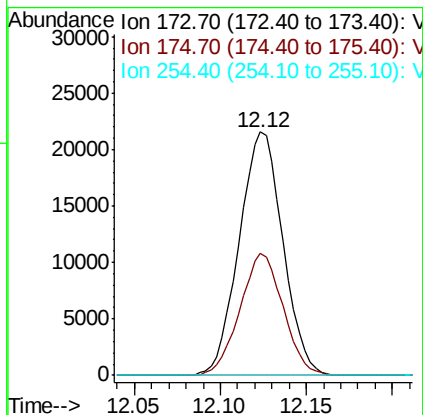
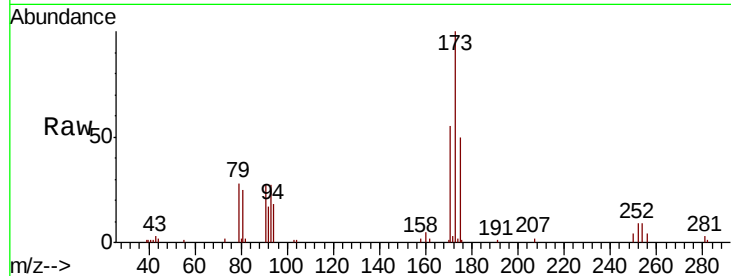
ClientSampleId :

VN1212WBS01

Tot Ion:	173	Resp:	37897
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.1	72.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

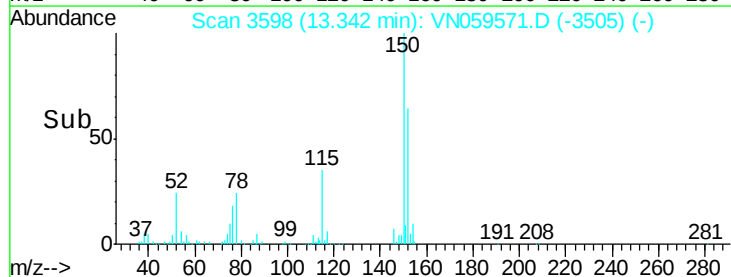
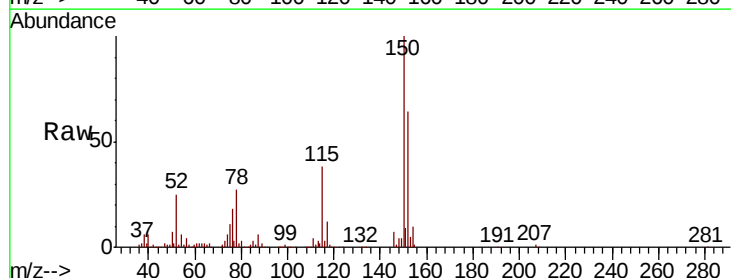
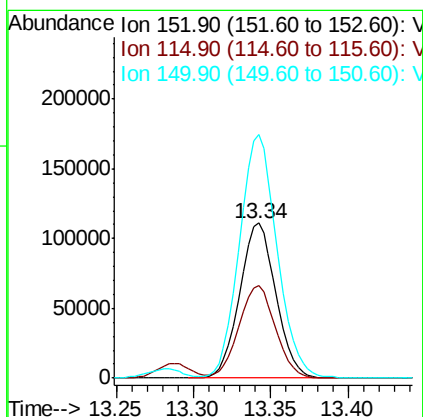
RT: 13.34 min Scan# 3598

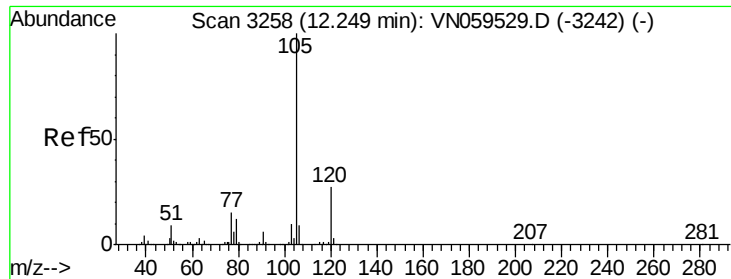
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	152	Resp:	180812
Ion Ratio	Lower	Upper	
152	100		
115	59.7	29.4	88.2
150	163.3	0.0	342.4





#73

Isopropylbenzene

Concen: 17.282 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBS01

Tot Ion: 105 Resp: 234393

Ion Ratio Lower Upper

105 100

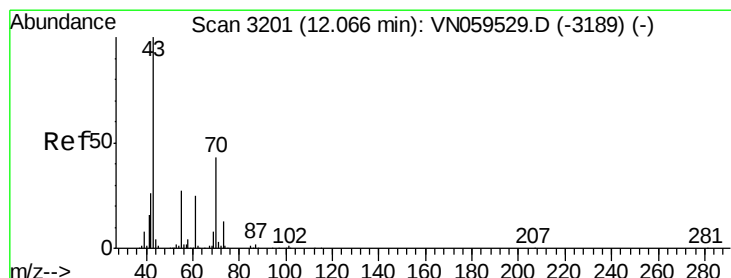
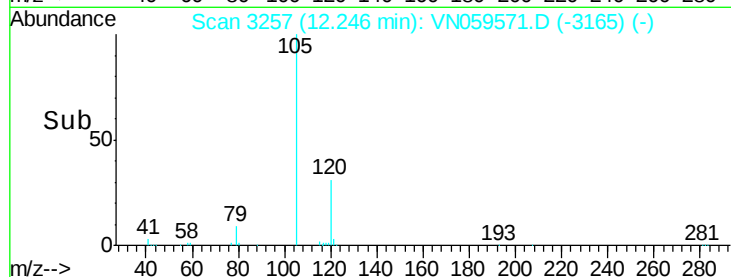
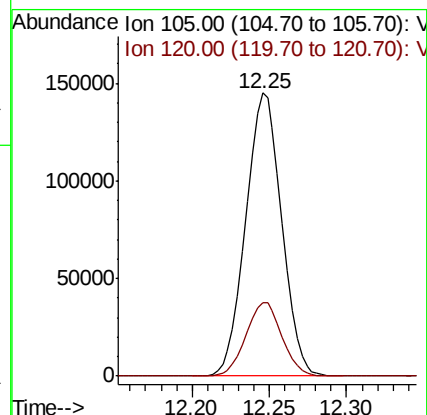
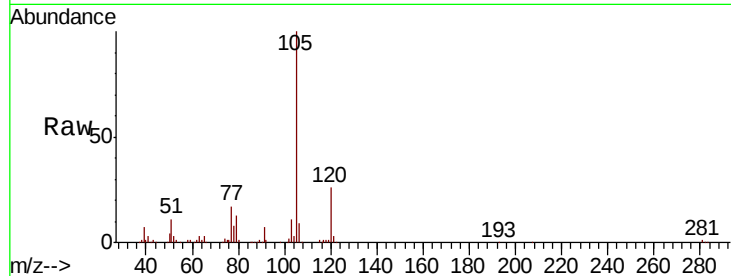
120 26.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.063 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion: 43 Resp: 100808

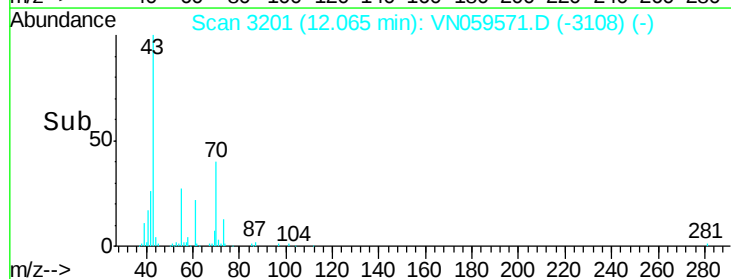
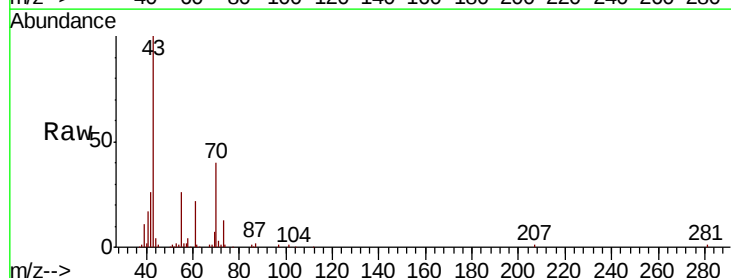
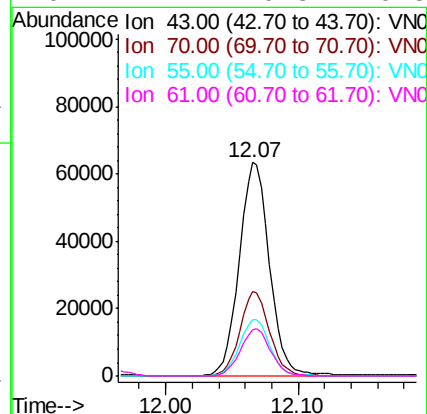
Ion Ratio Lower Upper

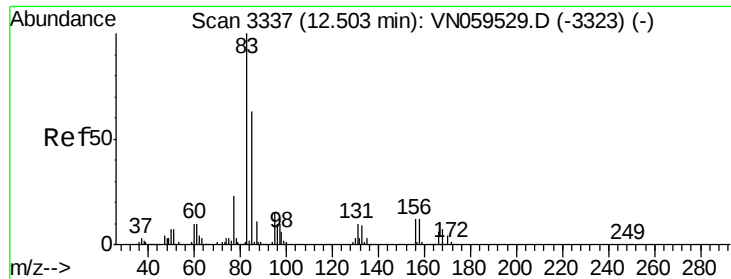
43 100

70 38.6 34.2 51.4

55 26.4 21.3 31.9

61 22.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 16.357 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

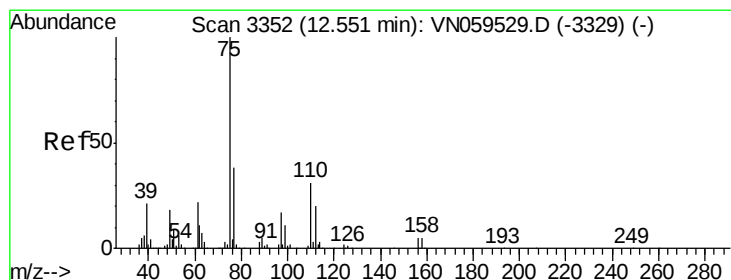
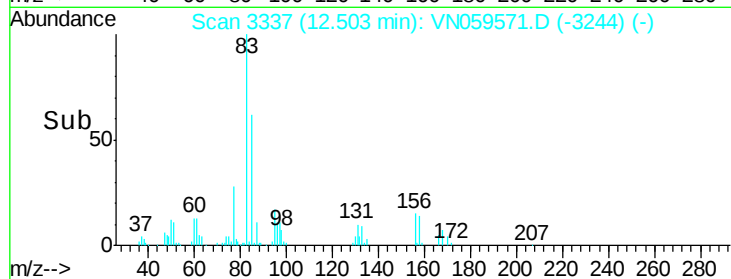
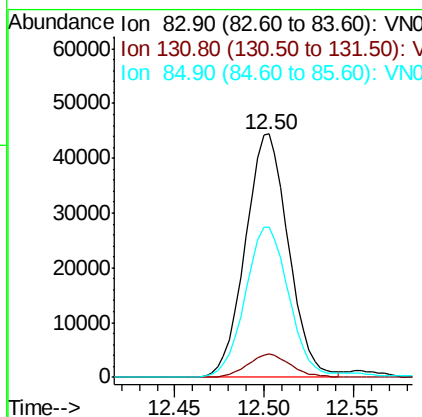
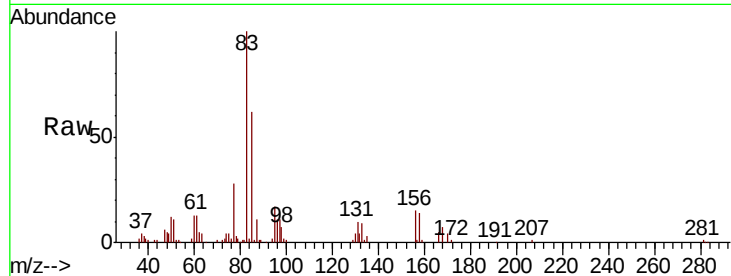
ClientSampleId :

VN1212WBS01

Tot Ion:	83	Resp:	75174
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.0	14.9
85	62.6	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 15.864 ug/l m

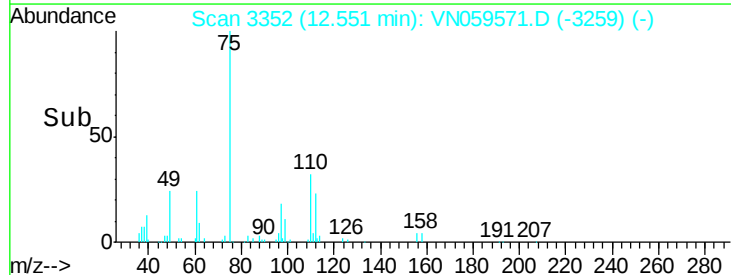
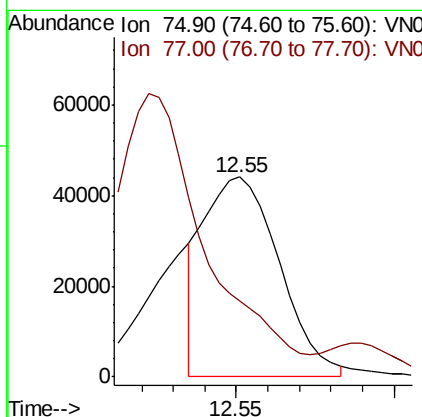
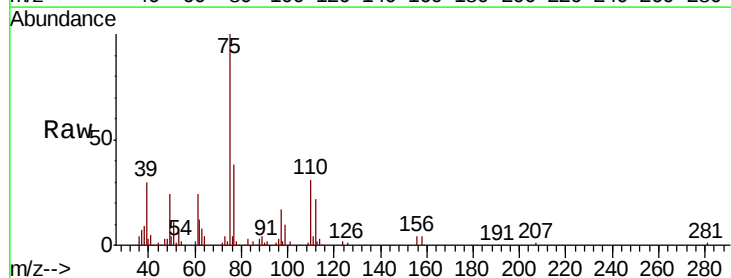
RT: 12.55 min Scan# 3352

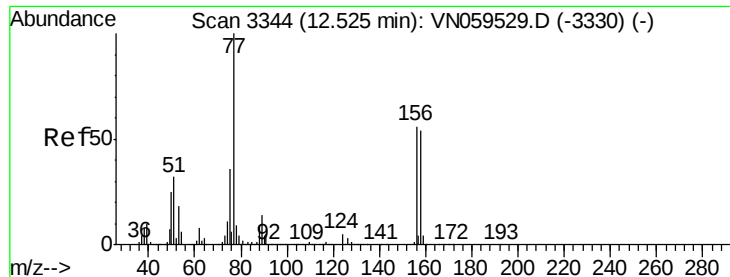
Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	75	Resp:	73351
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 16.888 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

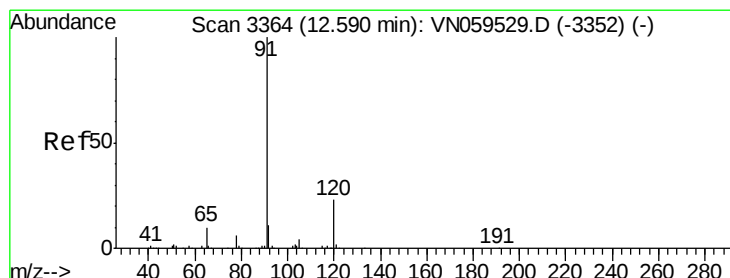
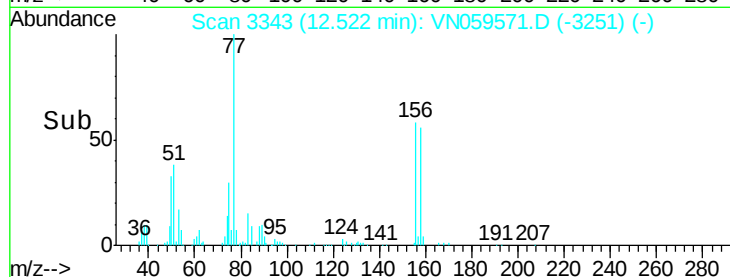
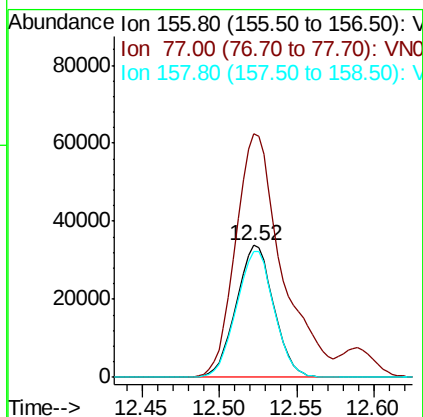
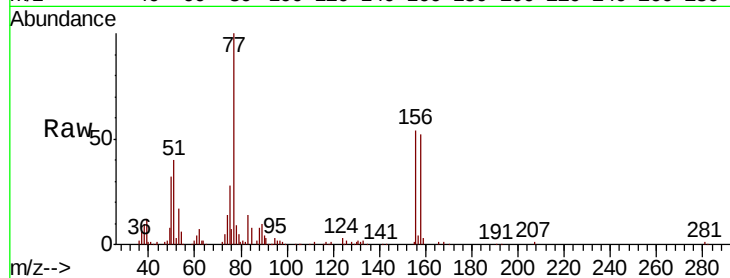
ClientSampleId :

VN1212WBS01

Tot Ion:	156	Resp:	57023
Ion	Ratio	Lower	Upper
156	100		
77	228.4	109.3	327.8
158	96.2	48.6	145.8

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#78

n-propylbenzene

Concen: 16.920 ug/l

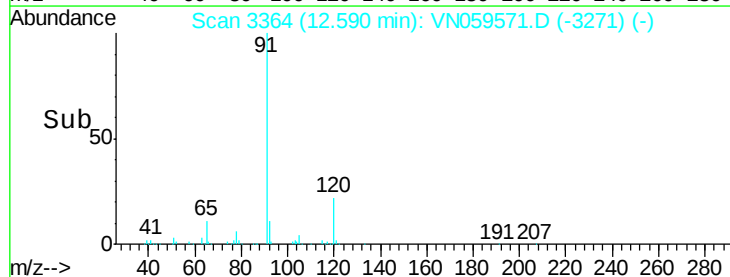
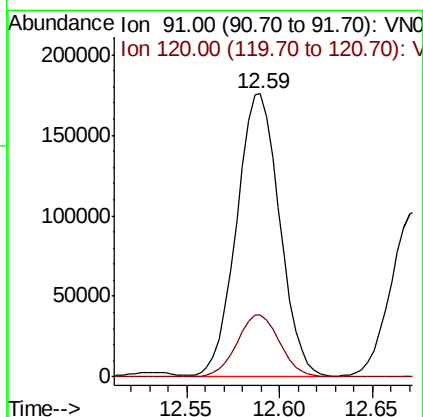
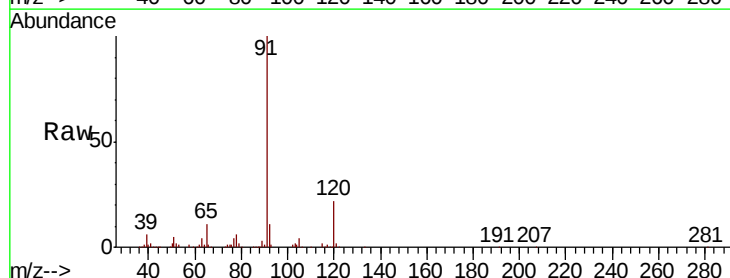
RT: 12.59 min Scan# 3364

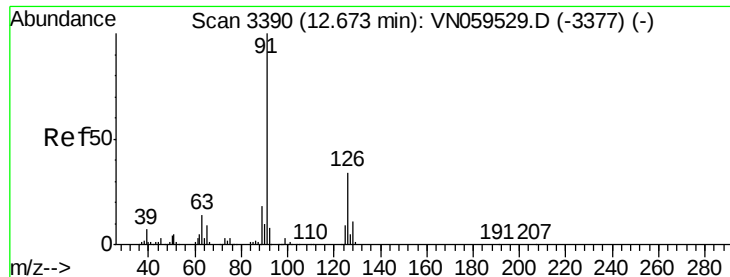
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	91	Resp:	281993
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.4	34.1





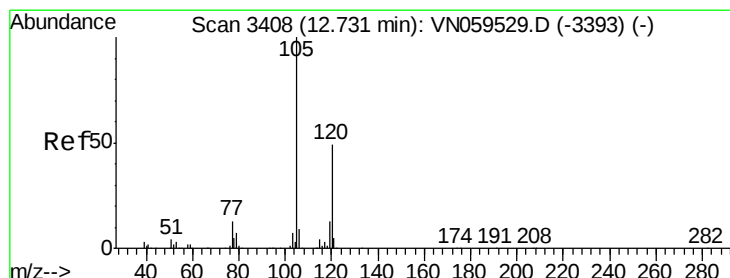
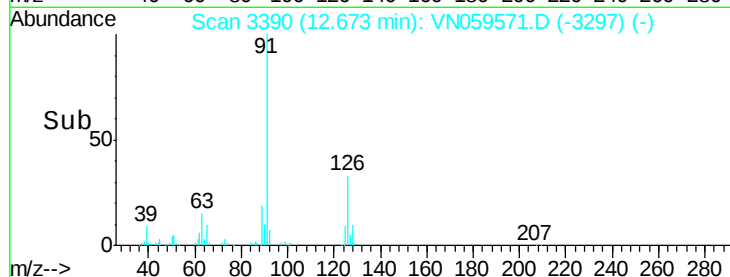
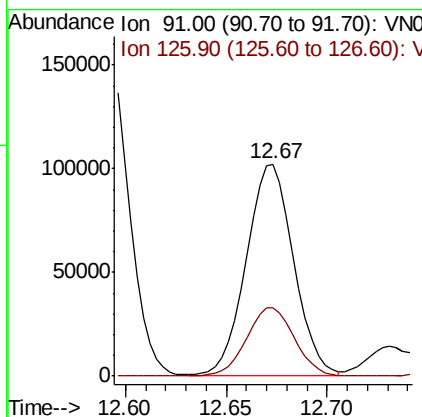
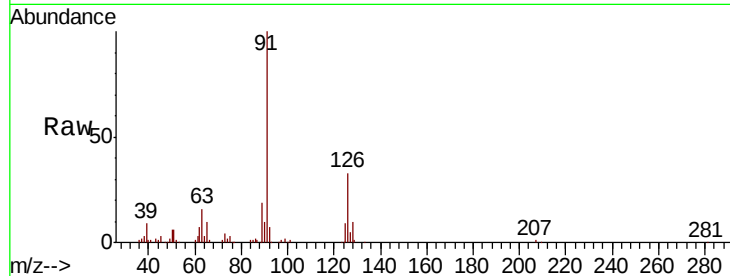
#79
2-Chlorotoluene
Concen: 16.781 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.9	50.7

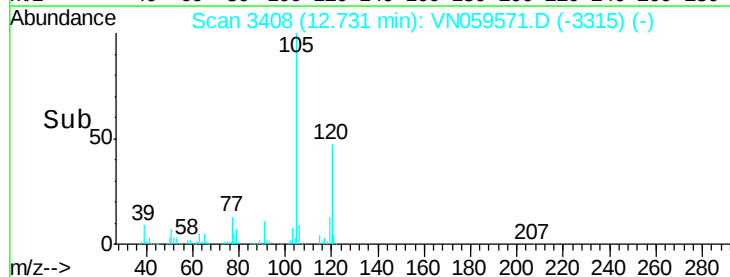
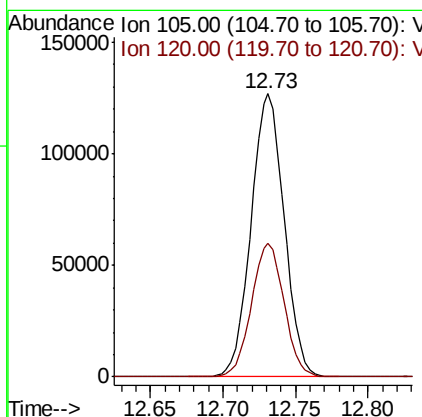
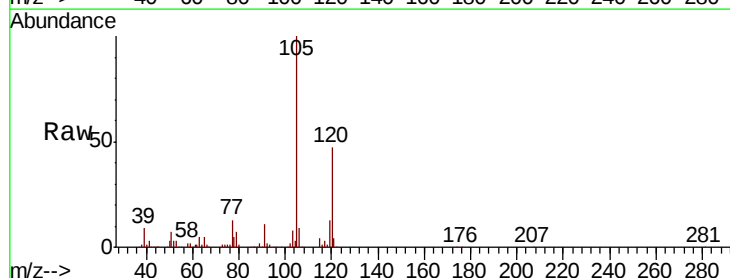
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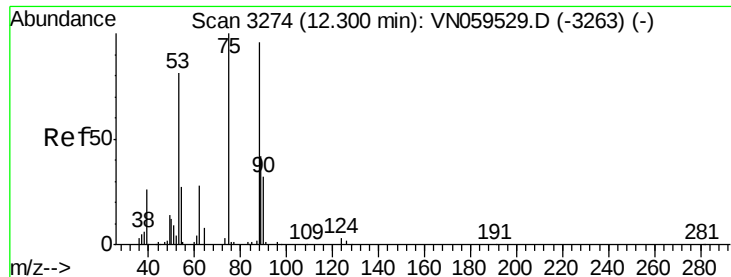
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#80
1,3,5-Trimethylbenzene
Concen: 17.406 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	24.5	73.5





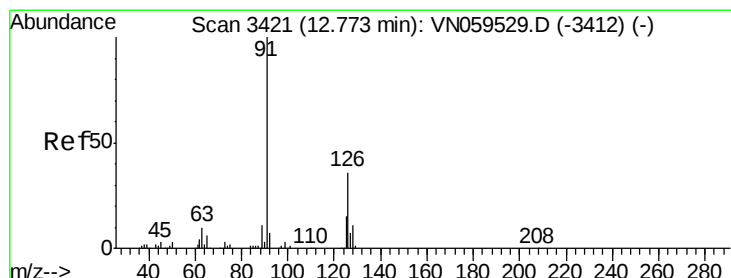
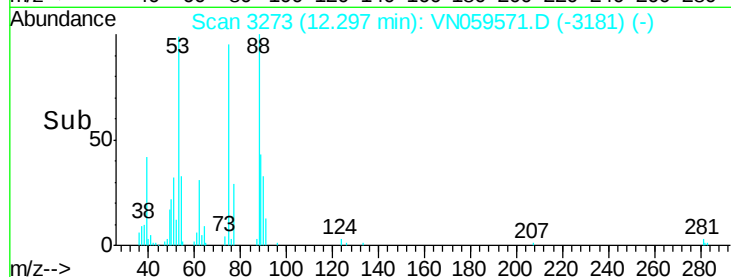
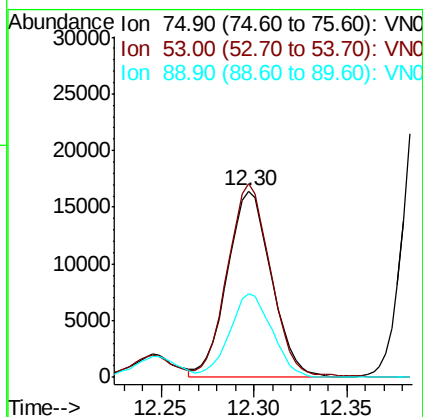
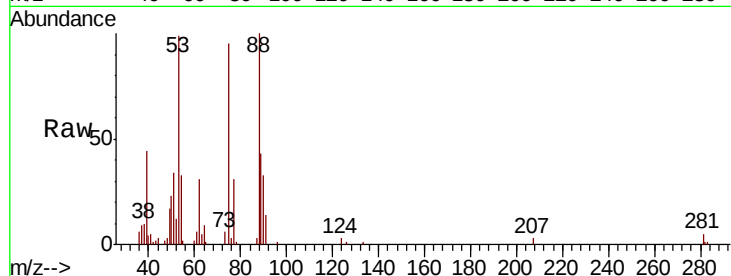
#81
trans-1,4-Dichloro-2-butene
Concen: 15.860 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	67.0	100.6#
89	43.1	35.5	53.3

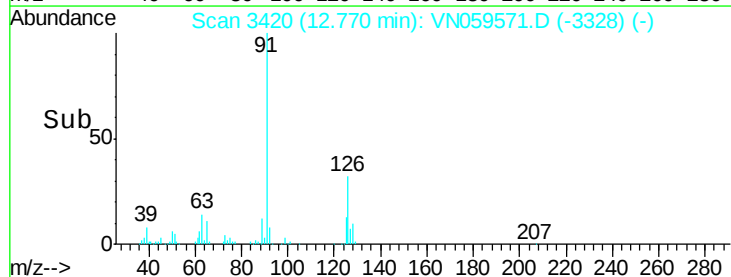
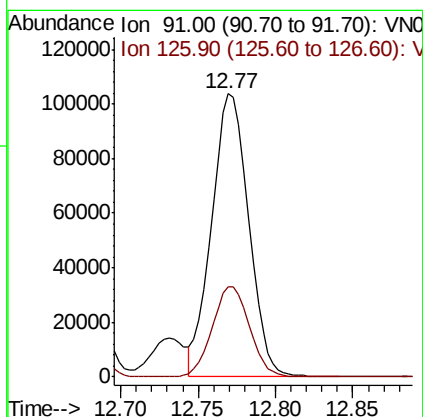
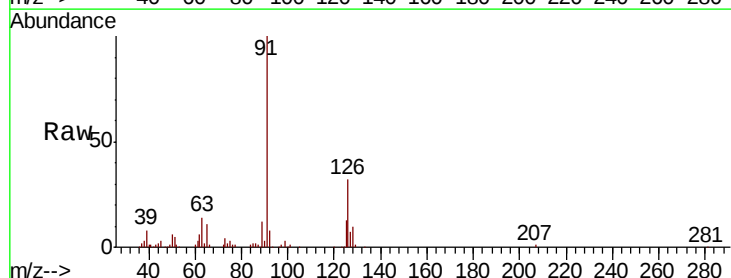
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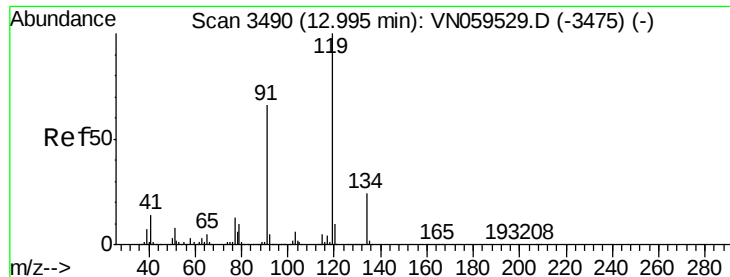
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#82
4-Chlorotoluene
Concen: 16.903 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.4





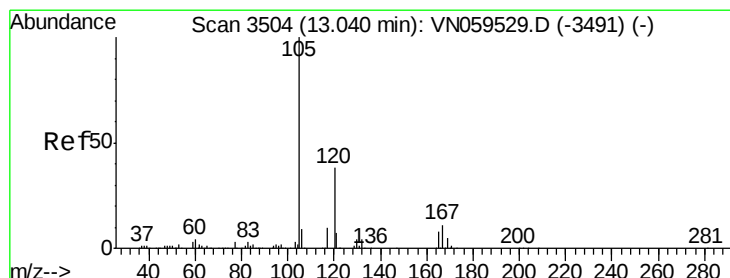
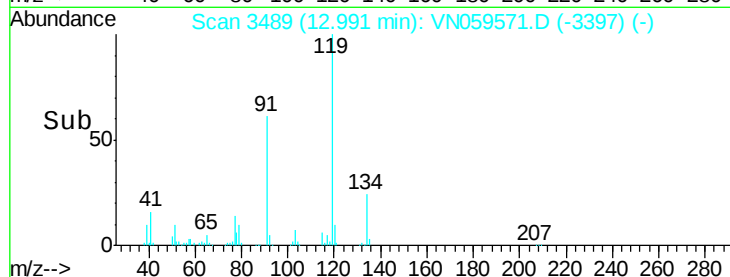
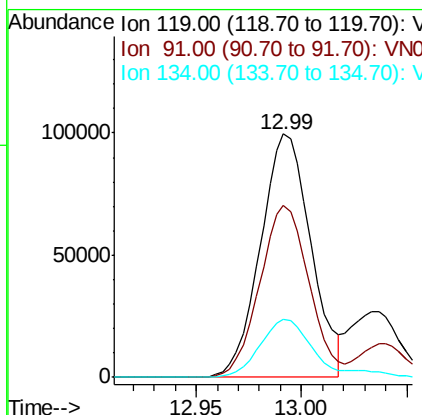
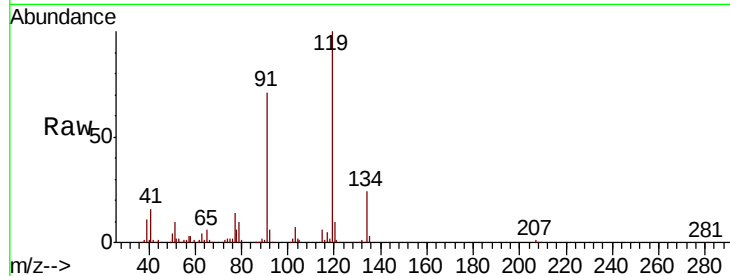
#83
tert-Butylbenzene
Concen: 17.078 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165635		
91	69.2		32.8	98.4
134	25.9		12.8	38.3

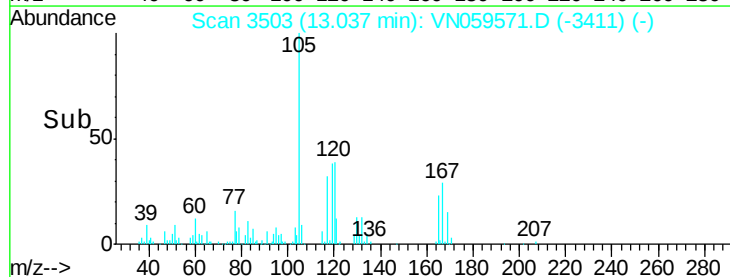
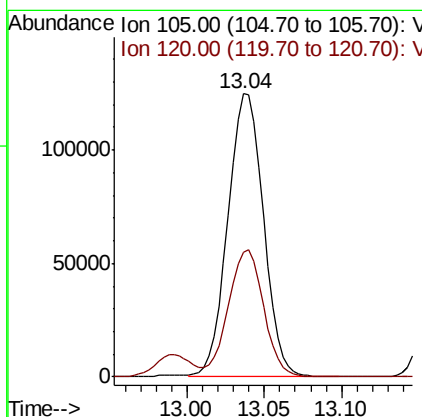
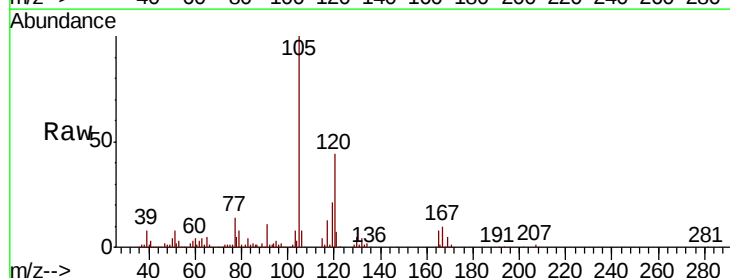
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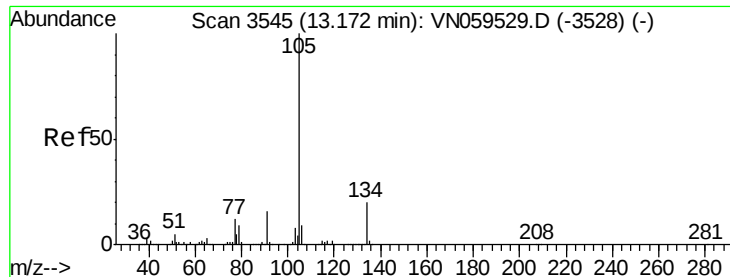
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#84
1,2,4-Trimethylbenzene
Concen: 17.305 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198734		
120	44.4		22.8	68.3





#85

sec-Butylbenzene

Concen: 17.218 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

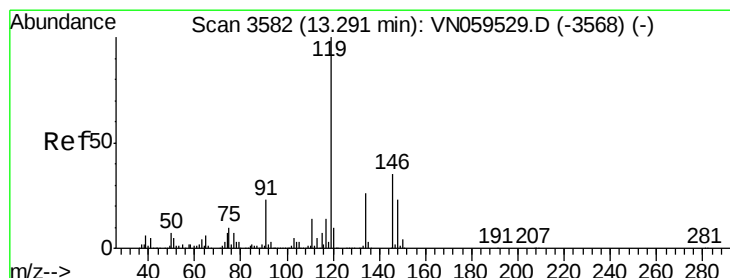
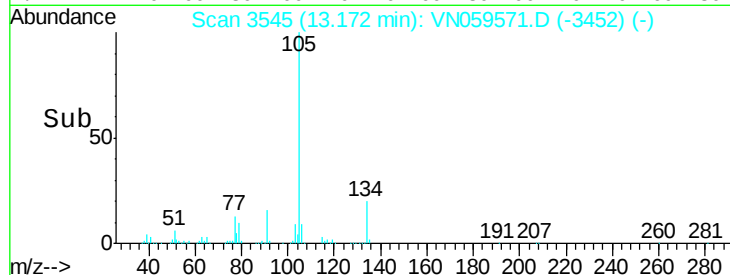
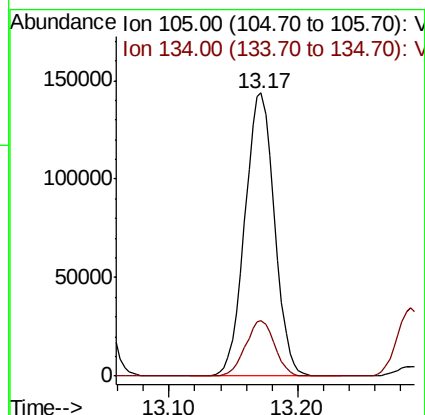
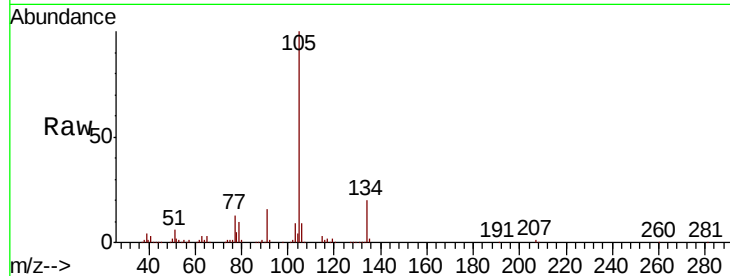
ClientSampleId :

VN1212WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 17.081 ug/l

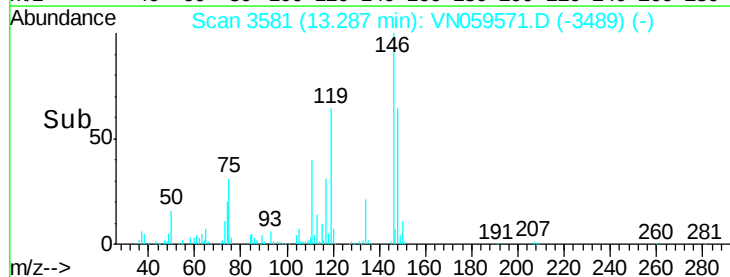
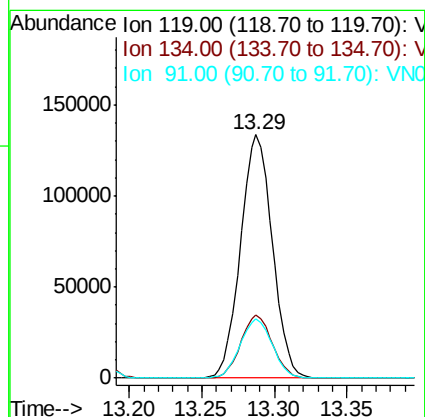
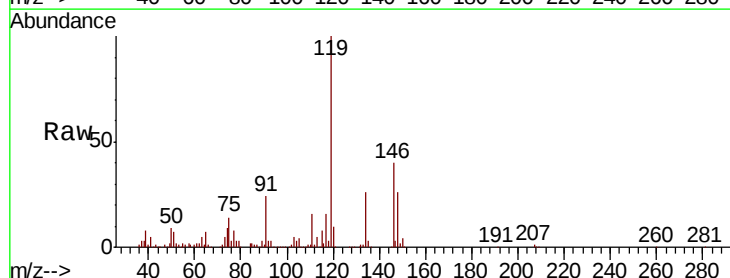
RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	24.9	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 16.524 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

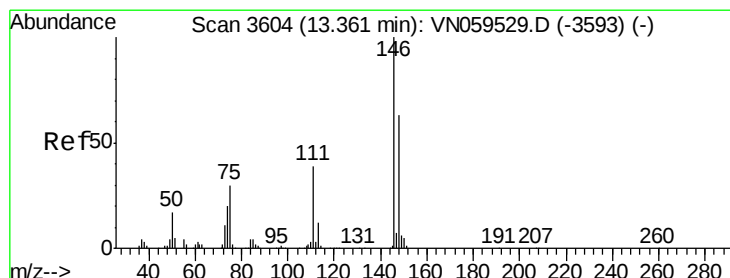
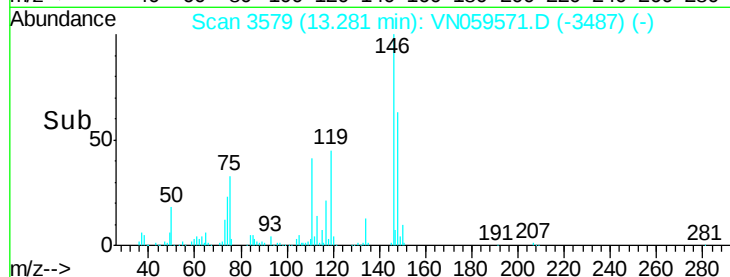
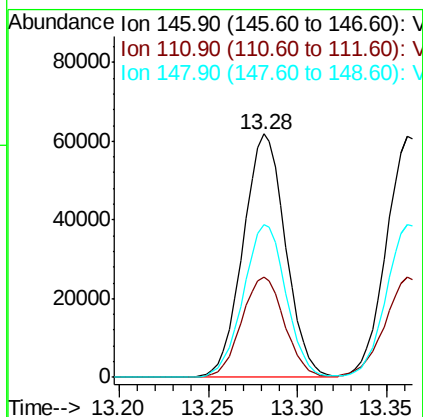
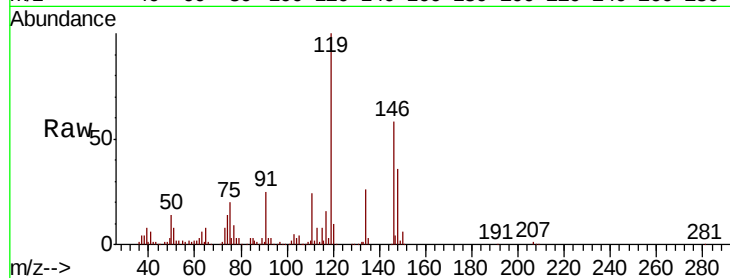
ClientSampleId :

VN1212WBS01

Tot Ion:	146	Resp:	102766
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.6	61.8
148	63.0	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 16.979 ug/l

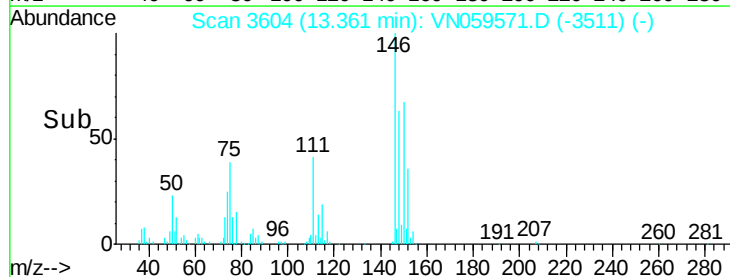
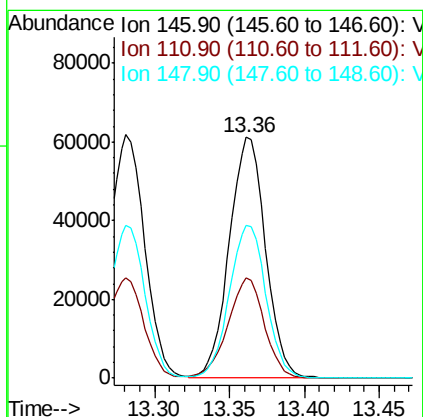
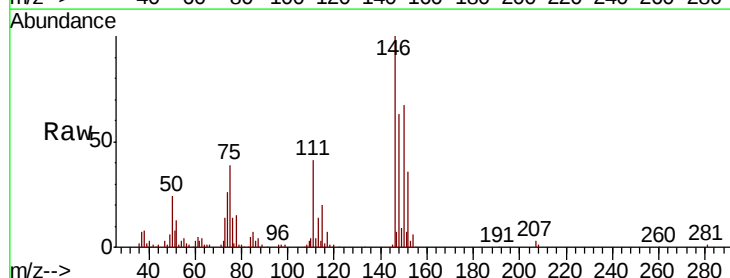
RT: 13.36 min Scan# 3604

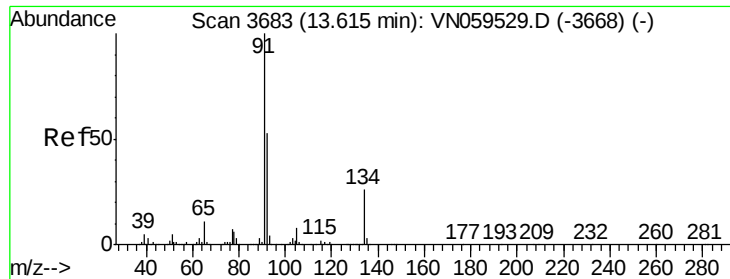
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	146	Resp:	103397
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.0	59.9
148	64.1	31.9	95.7





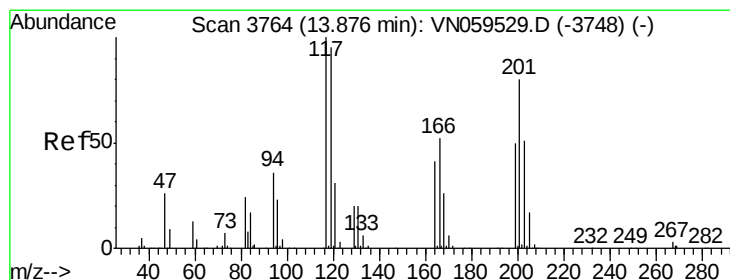
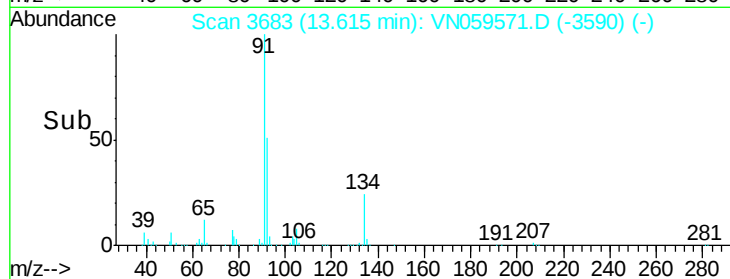
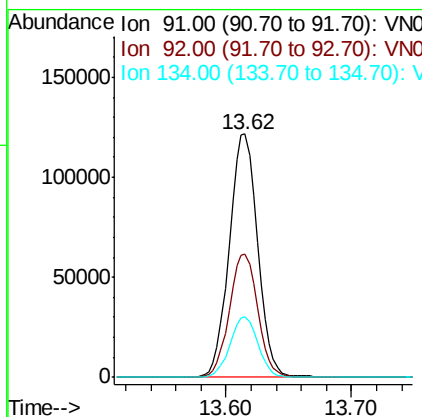
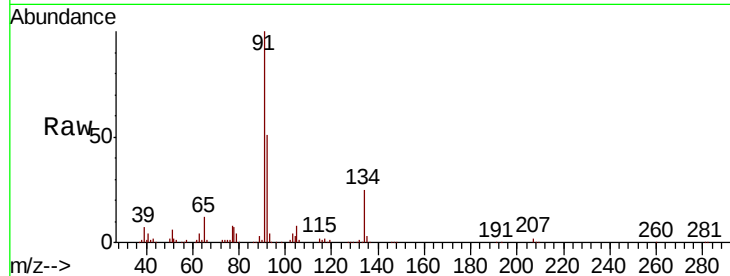
#89
n-Butylbenzene
Concen: 17.082 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.3	78.9
134	24.5	12.8	38.4

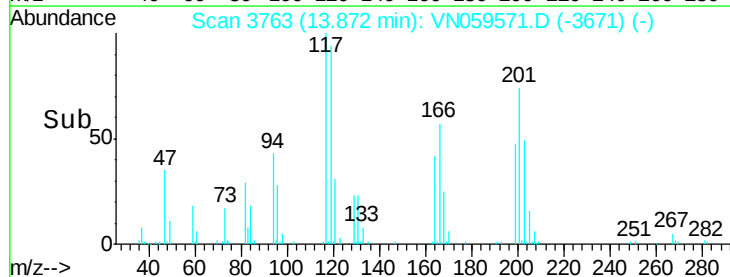
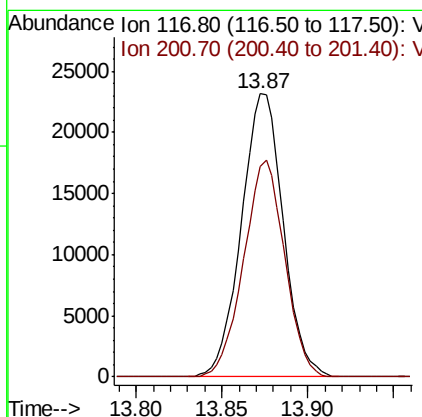
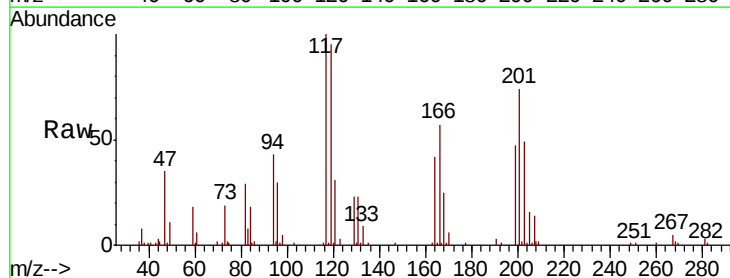
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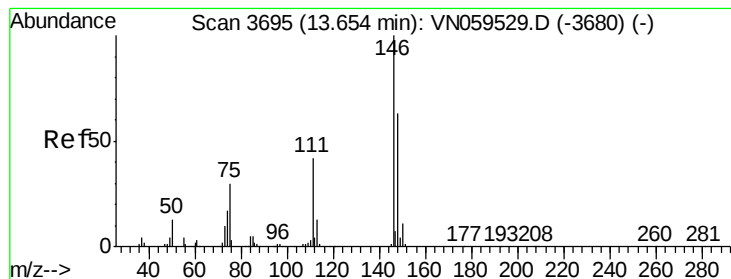
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#90
Hexachloroethane
Concen: 17.839 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.0	40.5	121.5





#91

1,2-Dichlorobenzene

Concen: 16.896 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

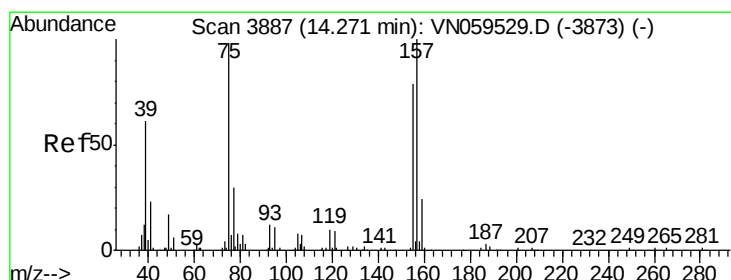
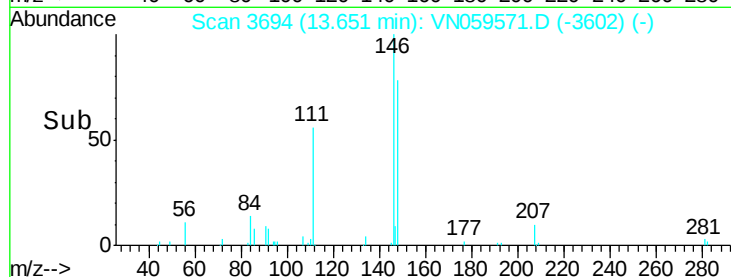
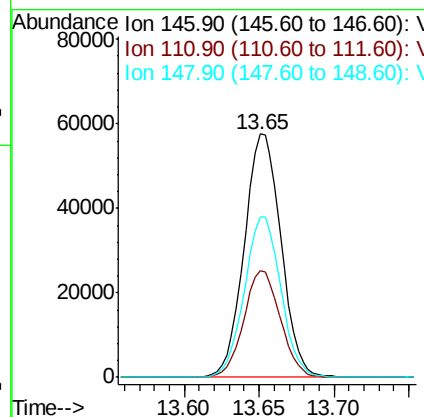
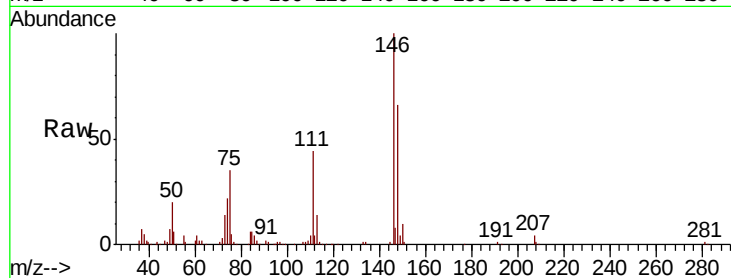
ClientSampleId :

VN1212WBS01

Tot Ion:	146	Resp:	98613
Ion Ratio	Lower	Upper	
146	100		
111	43.6	20.9	62.7
148	65.5	31.6	94.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.811 ug/l

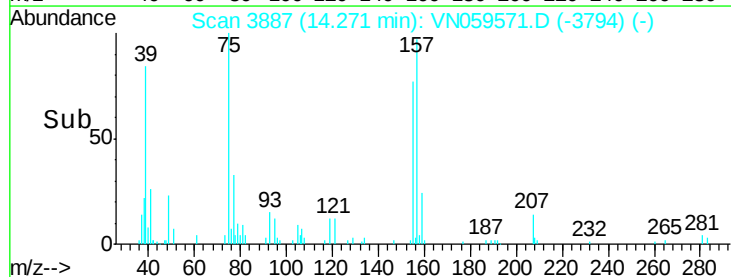
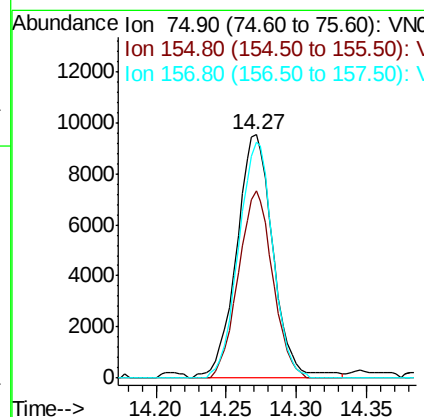
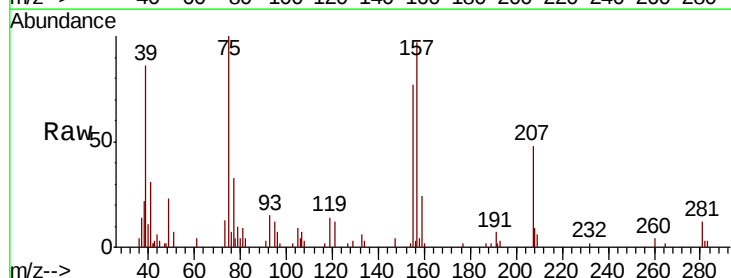
RT: 14.27 min Scan# 3887

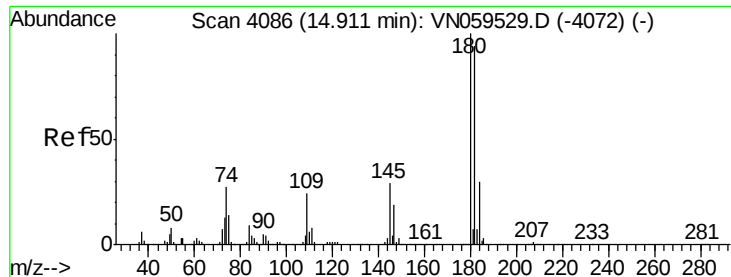
Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	75	Resp:	17297
Ion Ratio	Lower	Upper	
75	100		
155	71.8	40.4	121.1
157	90.6	51.1	153.3





#93

1,2,4-Trichlorobenzene

Concen: 15.356 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Instrument :

MSVOA_N

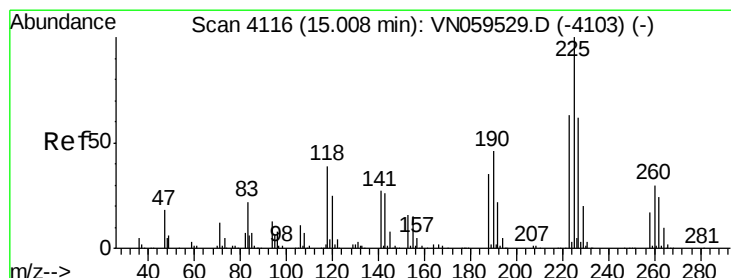
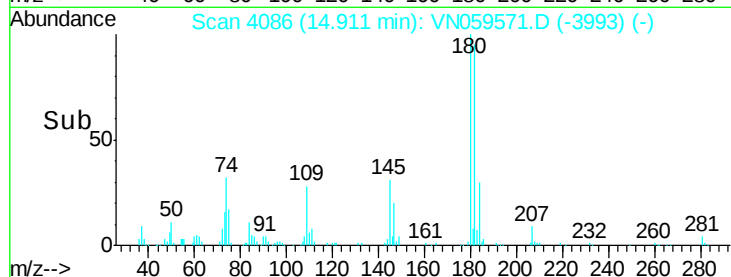
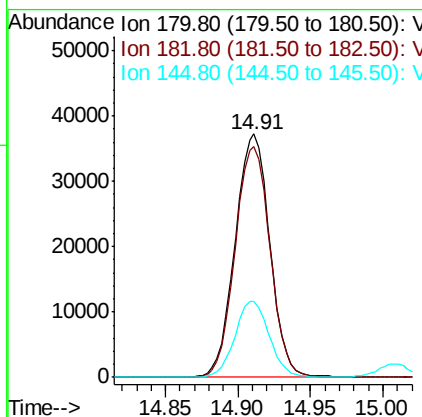
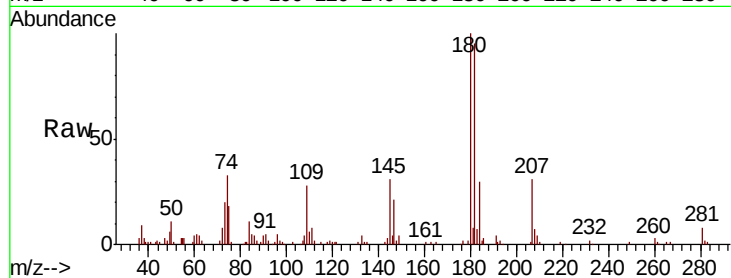
ClientSampleId :

VN1212WBS01

Tot Ion:	180	Resp:	61989
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	142.0
145	30.7	14.9	44.7

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 16.361 ug/l

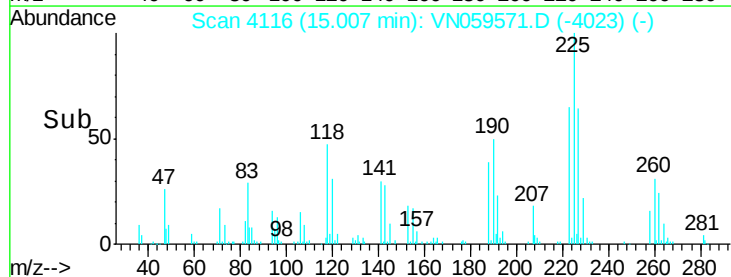
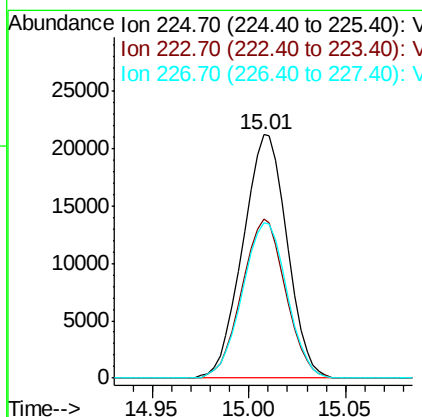
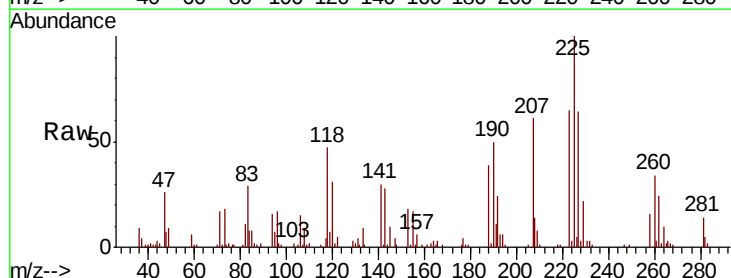
RT: 15.01 min Scan# 4116

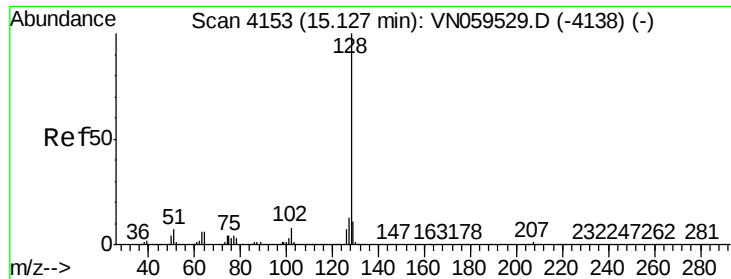
Delta R.T. -0.00 min

Lab File: VN059571.D

Acq: 12 Dec 2019 13:53

Tgt Ion:	225	Resp:	33741
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.3	93.9
227	64.3	31.6	95.0





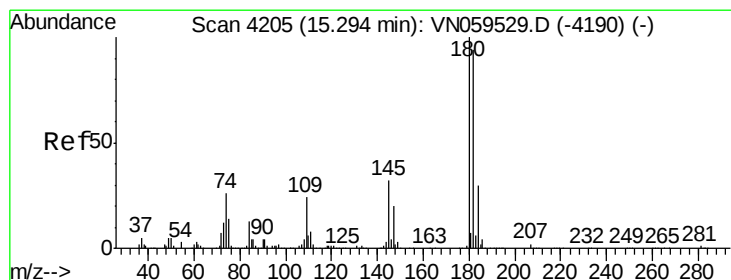
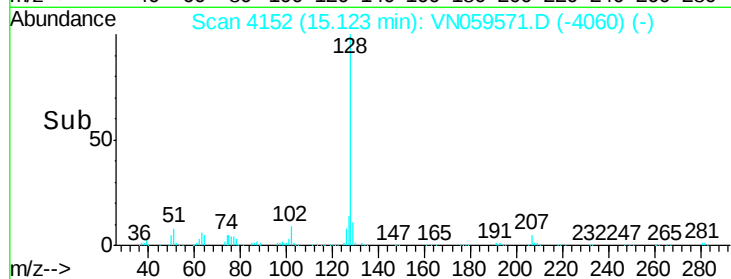
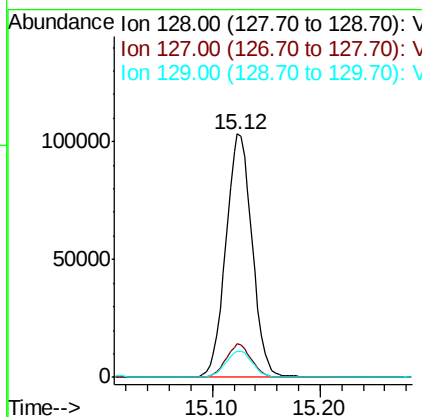
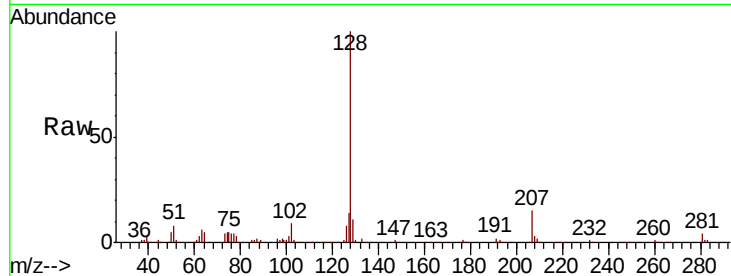
#95
Naphthalene
Concen: 14.808 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations
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12/13/2019 2:17:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.587 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059571.D
Acq: 12 Dec 2019 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	32.7	15.8	47.4

