

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120419\
 Data File : VN059486.D
 Acq On : 4 Dec 2019 14:52
 Operator : JC/SP
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:19:47 AM

Quant Time: Dec 05 07:15:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	327514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	519552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	464583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	166926	41.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.06%	
35) Dibromofluoromethane	7.57	113	129591	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
50) Toluene-d8	10.08	98	510110	39.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.96%	
62) 4-Bromofluorobenzene	12.40	95	178353	40.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55177	15.140	ug/l	99
3) Chloromethane	2.04	50	76900	15.743	ug/l	99
4) Vinyl Chloride	2.17	62	47005	16.036	ug/l	100
5) Bromomethane	2.55	94	28357	15.919	ug/l	97
6) Chloroethane	2.68	64	26846	15.513	ug/l	96
7) Trichlorofluoromethane	2.99	101	53104	15.001	ug/l	97
8) Diethyl Ether	3.39	74	35070	15.205	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	54055	15.555	ug/l	98
10) Methyl Iodide	3.93	142	66331	15.074	ug/l	100
11) Tert butyl alcohol	4.75	59	64356	83.941	ug/l	99
12) 1,1-Dichloroethene	3.71	96	52638	15.495	ug/l	96
13) Acrolein	3.58	56	43933	66.027	ug/l	98
14) Allyl chloride	4.29	41	102723	15.353	ug/l	99
15) Acrylonitrile	4.96	53	163918	79.029	ug/l	100
16) Acetone	3.79	43	163303	68.087	ug/l	99
17) Carbon Disulfide	4.03	76	170322	14.695	ug/l	100
18) Methyl Acetate	4.30	43	85037	15.526	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	180552	15.595	ug/l	99
20) Methylene Chloride	4.52	84	61444	15.199	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	57289	15.072	ug/l	99
22) Diisopropyl ether	5.92	45	194934	15.653	ug/l	97
23) Vinyl Acetate	5.87	43	816343	81.693	ug/l	100
24) 1,1-Dichloroethane	5.82	63	112031	15.836	ug/l	100
25) 2-Butanone	6.81	43	225230	72.832	ug/l	100
26) 2,2-Dichloropropane	6.80	77	95610	15.626	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	65891	15.609	ug/l	98
28) Bromochloromethane	7.17	49	36932	13.837	ug/l	98
29) Tetrahydrofuran	7.19	42	150273	77.280	ug/l	99
30) Chloroform	7.35	83	105373	15.427	ug/l	98
31) Cyclohexane	7.63	56	105932	15.454	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	91091	15.343	ug/l	99
36) 1,1-Dichloropropene	7.77	75	82812	15.317	ug/l	99
37) Ethyl Acetate	6.91	43	94743	15.688	ug/l	99
38) Carbon Tetrachloride	7.75	117	80877	15.553	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	96632	14.852	ug/l	97
40) Benzene	8.02	78	246588	15.575	ug/l	98
41) Methacrylonitrile	7.15	41	38015m	15.532	ug/l	
42) 1,2-Dichloroethane	8.10	62	84688	15.747	ug/l	100
43) Isopropyl Acetate	8.15	43	138007	15.364	ug/l	99
44) Trichloroethene	8.82	130	62368	15.074	ug/l	98
45) 1,2-Dichloropropane	9.10	63	66745	15.779	ug/l	100
46) Dibromomethane	9.19	93	40822	15.501	ug/l	98
47) Bromodichloromethane	9.39	83	81783	15.488	ug/l	98
48) Methyl methacrylate	9.19	41	60764	14.995	ug/l	99
49) 1,4-Dioxane	9.19	88	21312	347.558	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	431127	80.860	ug/l	98
52) Toluene	10.15	92	149610	15.624	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	94215	15.163	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	101190	15.365	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	58314	15.449	ug/l	99
56) Ethyl methacrylate	10.42	69	82233	14.518	ug/l	98
57) 1,3-Dichloropropane	10.70	76	100365	15.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	134421	76.222	ug/l	100
59) 2-Hexanone	10.75	43	306838	76.470	ug/l	100
60) Dibromochloromethane	10.90	129	59476	14.757	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59209	15.180	ug/l	100
64) Tetrachloroethene	10.63	164	57535	14.559	ug/l	98
65) Chlorobenzene	11.43	112	152809	15.046	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	55813	15.294	ug/l	99
67) Ethyl Benzene	11.51	91	275110	15.460	ug/l	100
68) m/p-Xylenes	11.62	106	204726	30.898	ug/l	98
69) o-Xylene	11.95	106	97093	15.392	ug/l	98
70) Styrene	11.96	104	149102	14.807	ug/l	99
71) Bromoform	12.13	173	41629	14.635	ug/l #	100
73) Isopropylbenzene	12.25	105	258145	15.335	ug/l	99
74) N-amyl acetate	12.07	43	98575	14.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	86111	15.947	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	78220m	14.987	ug/l	
77) Bromobenzene	12.53	156	62956	14.966	ug/l	99
78) n-propylbenzene	12.59	91	299284	15.277	ug/l	100
79) 2-Chlorotoluene	12.67	91	179865	15.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	217845	15.485	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30445	15.308	ug/l	98
82) 4-Chlorotoluene	12.77	91	184119	15.111	ug/l	98
83) tert-Butylbenzene	12.99	119	185401	15.180	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	212016	15.421	ug/l	100
85) sec-Butylbenzene	13.17	105	245866	15.189	ug/l	100
86) p-Isopropyltoluene	13.29	119	217483	14.993	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	111179	14.990	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	107501	14.371	ug/l	97
89) n-Butylbenzene	13.62	91	181440	13.961	ug/l	100
90) Hexachloroethane	13.88	117	42614	15.232	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	107796	15.161	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17159	15.318	ug/l	97

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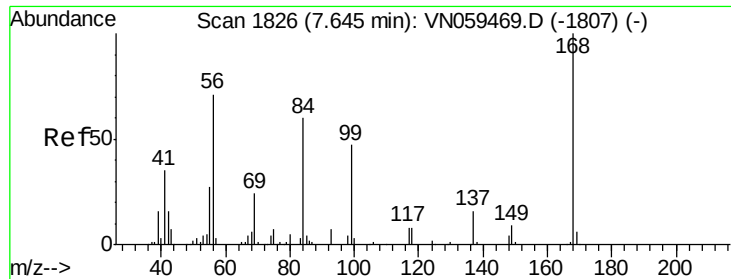
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	56866	13.101	ug/l	98
94) Hexachlorobutadiene	15.01	225	39759	15.226	ug/l	98
95) Naphthalene	15.13	128	146398	14.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	59205	15.009	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion:168 Resp: 327514

Ion Ratio Lower Upper

168 100

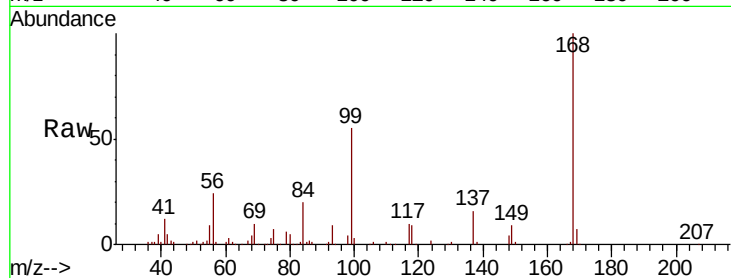
99 55.3 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

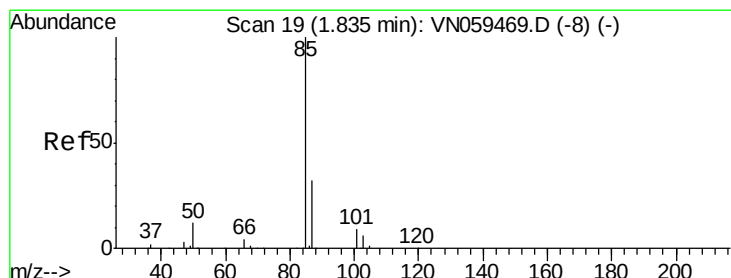
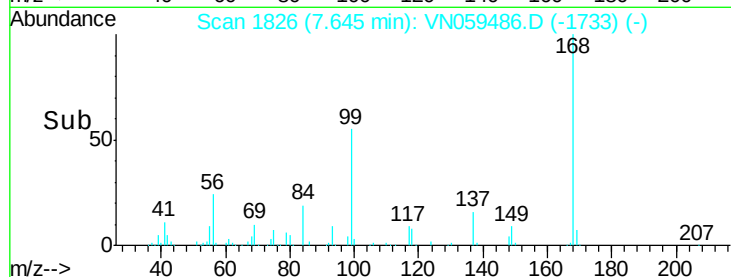
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.140 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059486.D

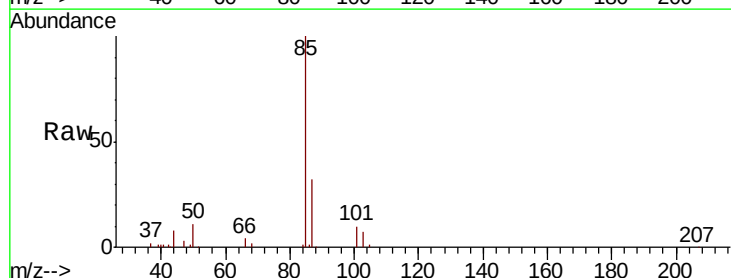
Acq: 4 Dec 2019 14:52

Tgt Ion: 85 Resp: 55177

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

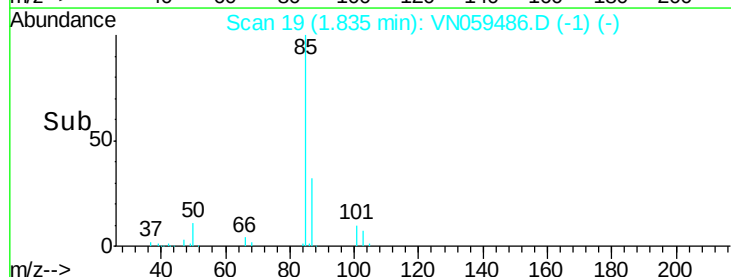
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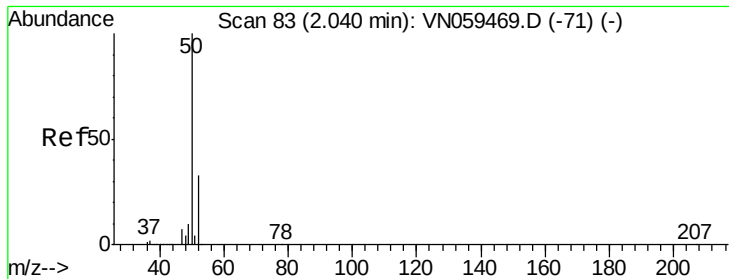
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 15.743 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 50 Resp: 76900

Ion Ratio Lower Upper

50 100

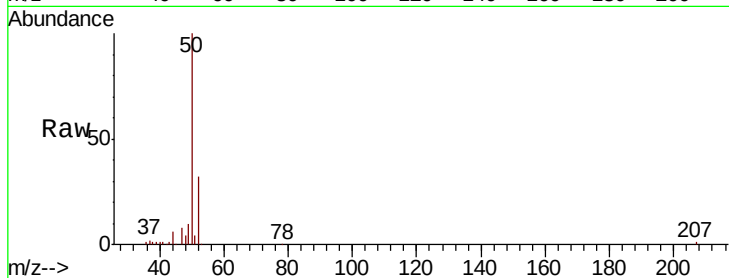
52 32.3 26.5 39.7

Manual Integrations

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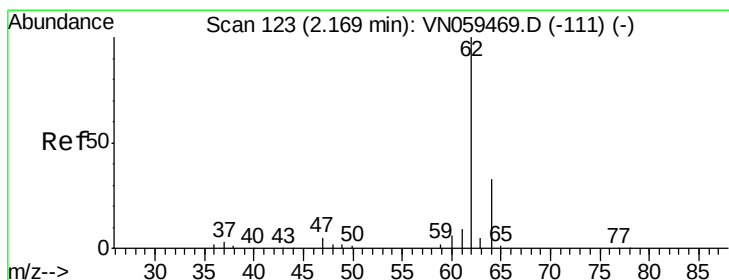
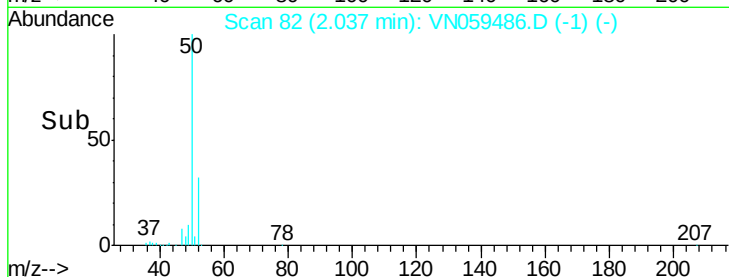
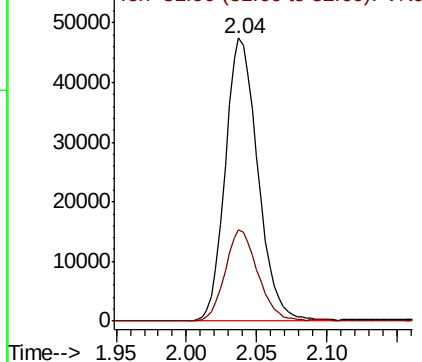
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 16.036 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059486.D

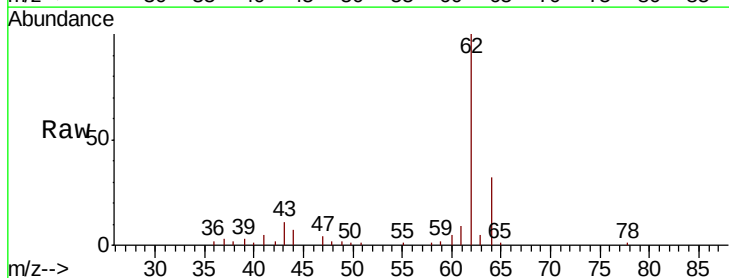
Acq: 4 Dec 2019 14:52

Tgt Ion: 62 Resp: 47005

Ion Ratio Lower Upper

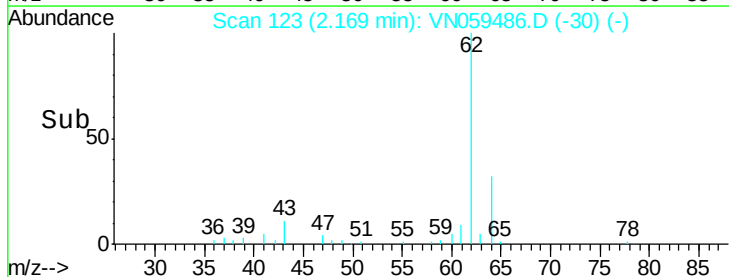
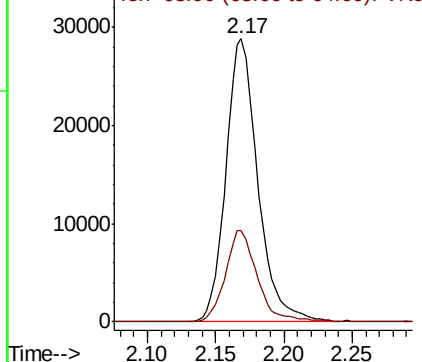
62 100

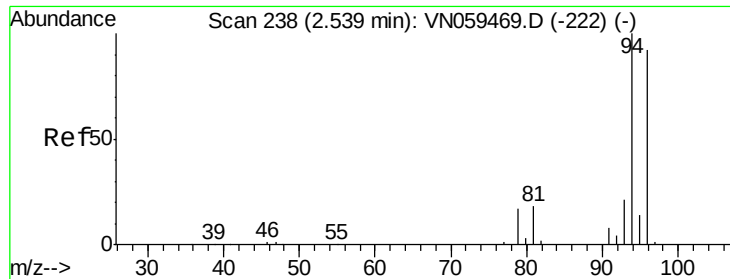
64 32.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 15.919 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

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VN1204WBSD01

Tot Ion: 94 Resp: 28357

Ion Ratio Lower Upper

94 100

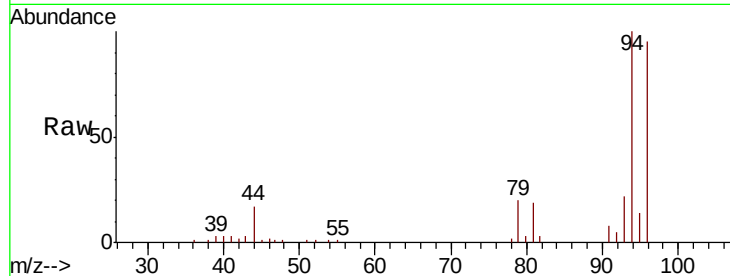
96 94.7 73.5 110.3

Manual Integrations

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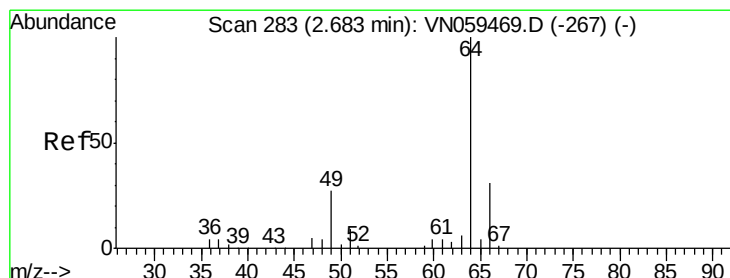
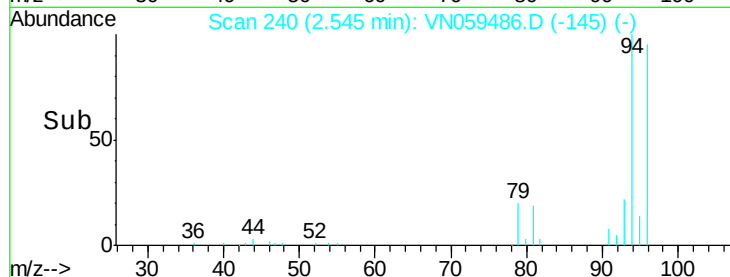
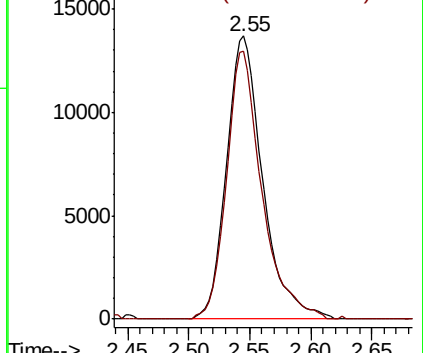
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 15.513 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059486.D

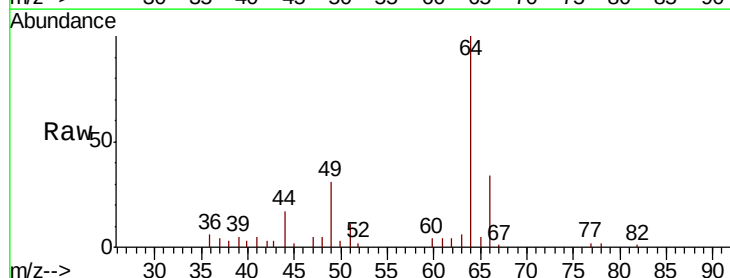
Acq: 4 Dec 2019 14:52

Tgt Ion: 64 Resp: 26846

Ion Ratio Lower Upper

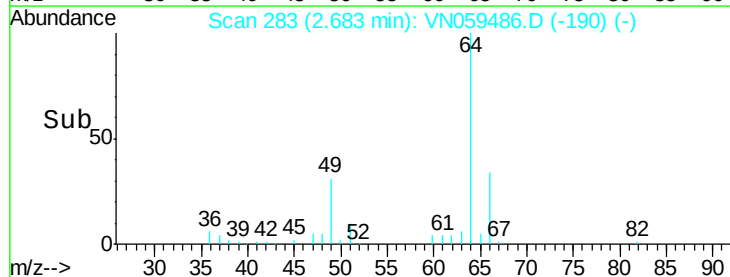
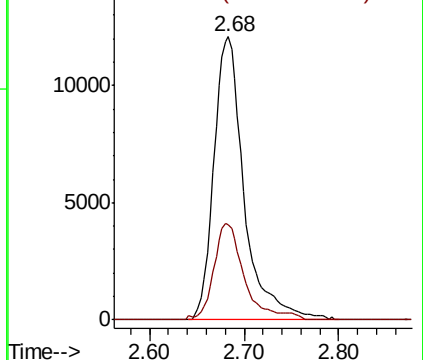
64 100

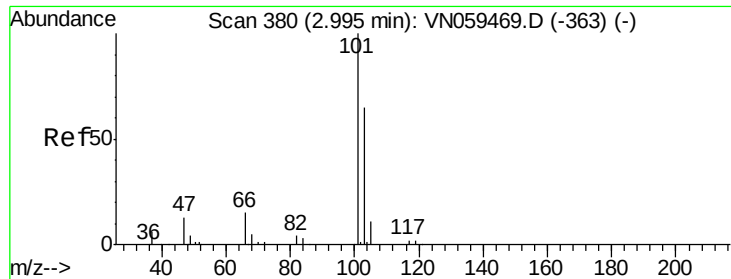
66 33.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

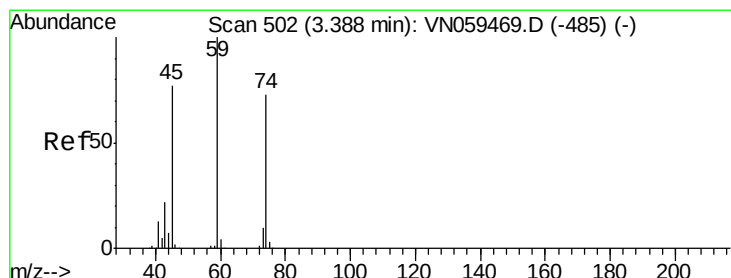
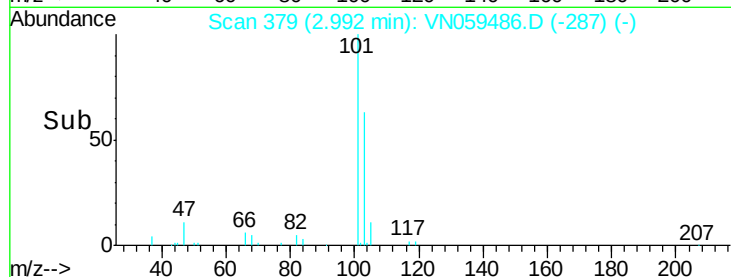
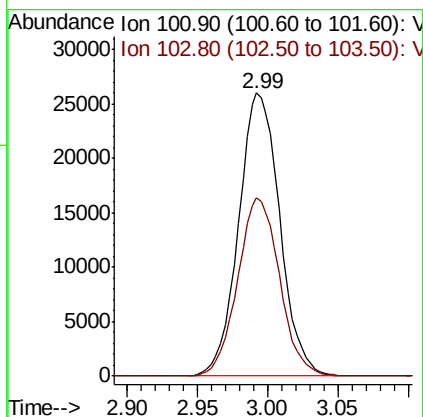
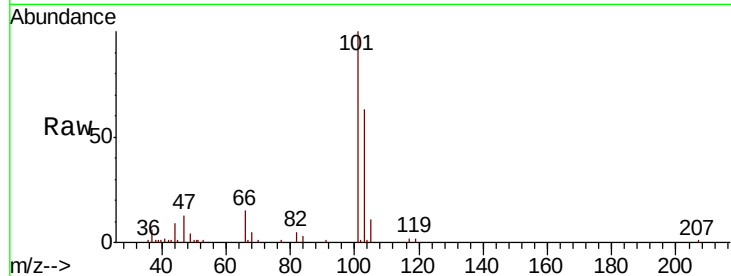
Trichlorofluoromethane
 Concen: 15.001 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		53104		
103	62.9	52.4	78.6		

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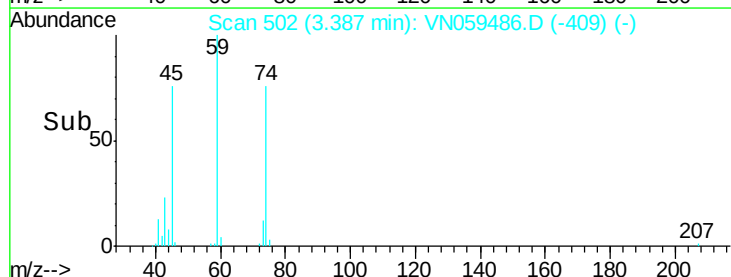
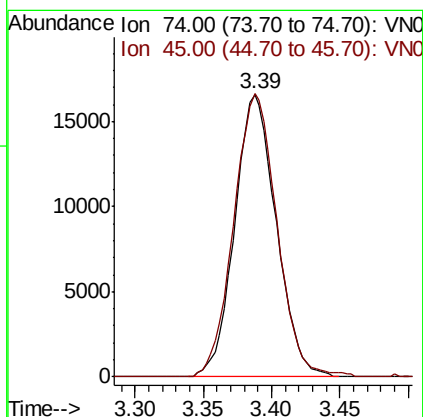
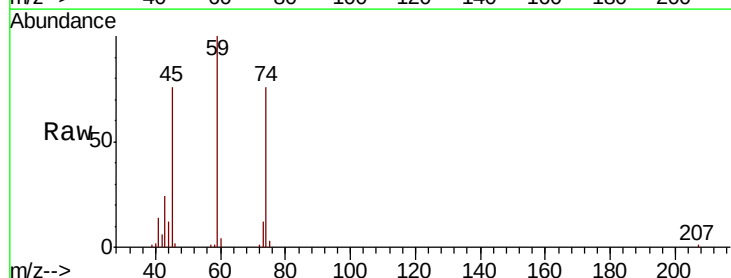
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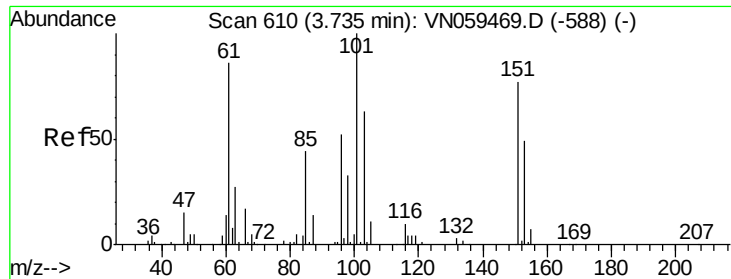


#8

Diethyl Ether
 Concen: 15.205 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		35070		
45	104.5	52.3	157.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.555 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

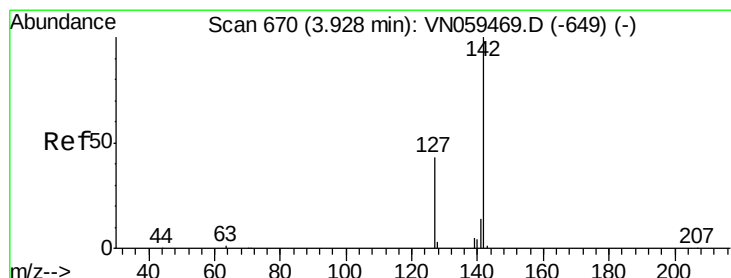
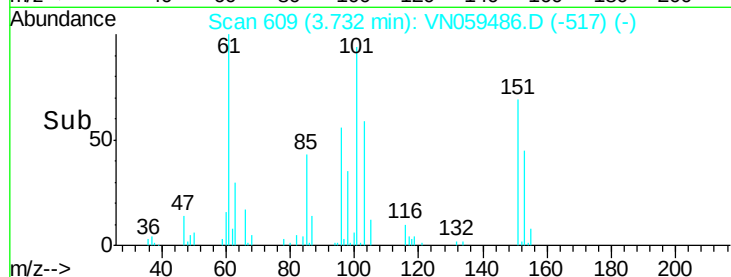
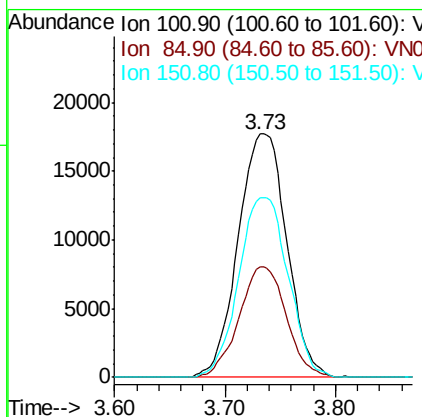
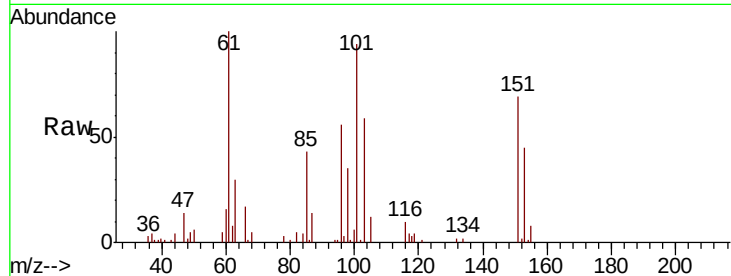
ClientSampleId :

VN1204WBSD01

Tot Ion:	101	Resp:	54055
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	75.2	62.4	93.6

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#10

Methyl Iodide

Concen: 15.074 ug/l

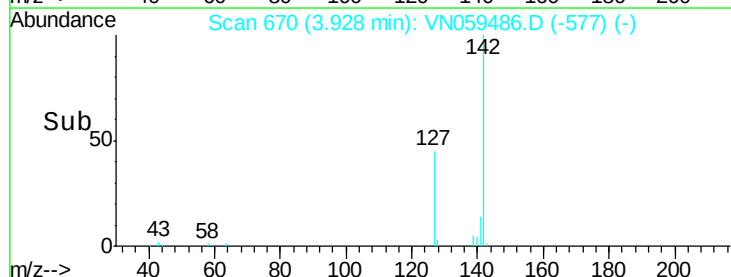
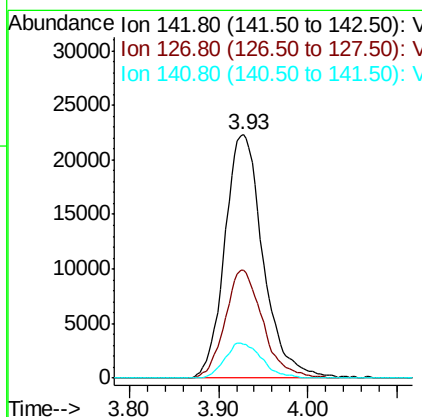
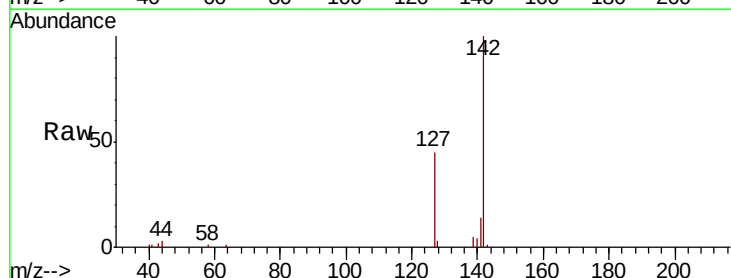
RT: 3.93 min Scan# 670

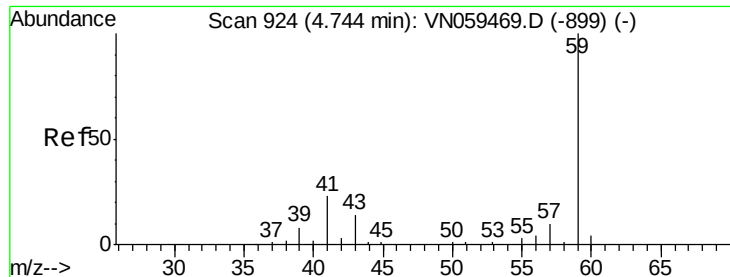
Delta R.T. -0.00 min

Lab File: VN059486.D

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Tgt Ion:	142	Resp:	66331
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	13.9	11.4	17.0





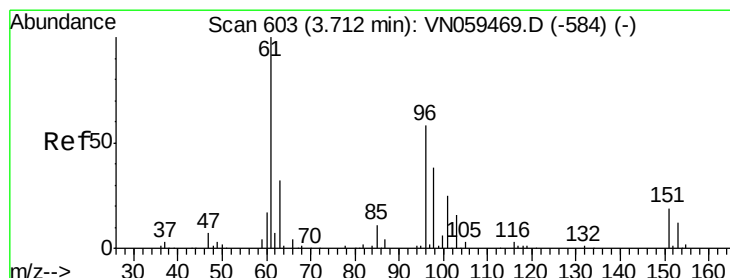
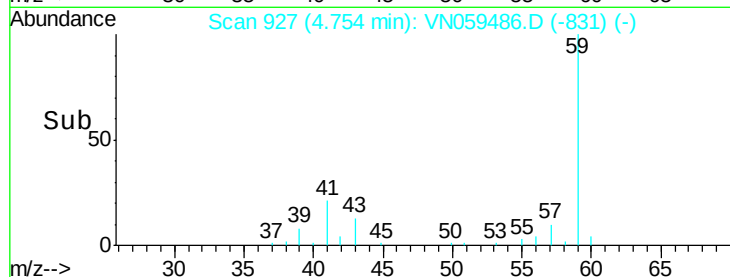
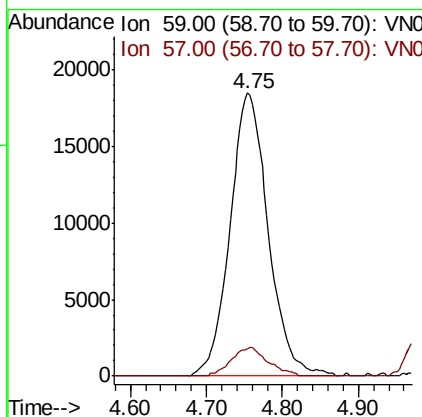
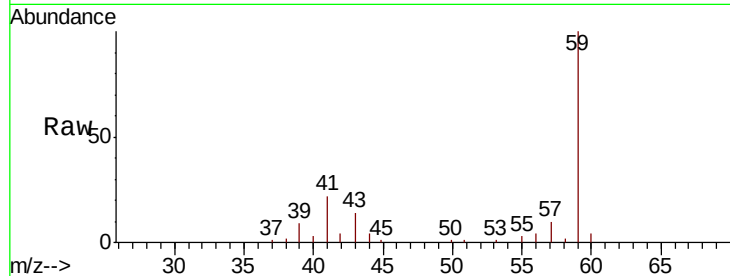
#11
Tert butyl alcohol
Concen: 83.941 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.1	12.1

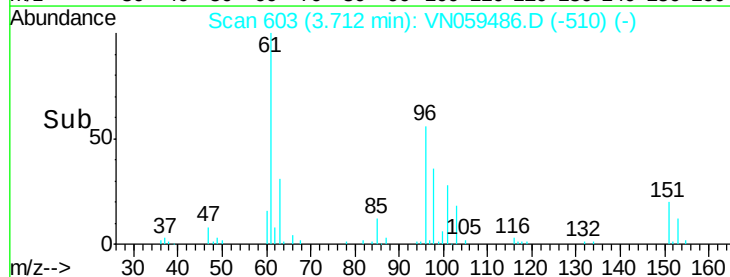
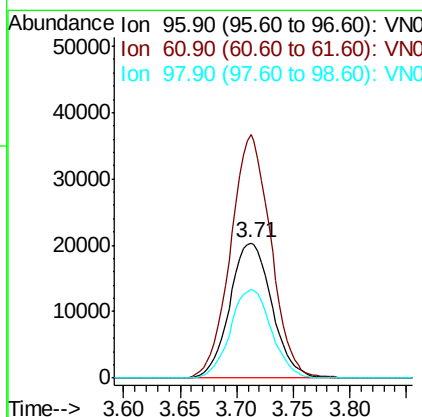
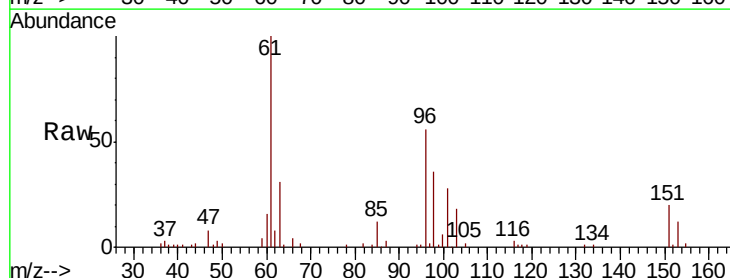
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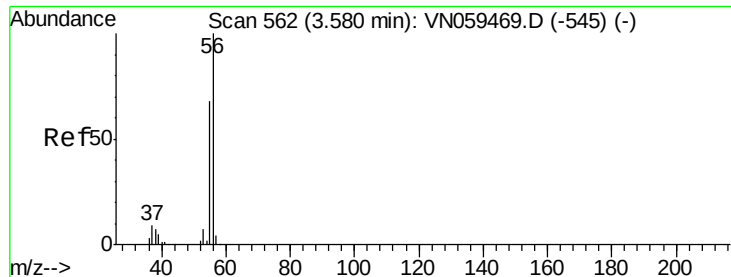
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#12
1,1-Dichloroethene
Concen: 15.495 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.8	137.1	205.7
98	65.5	52.4	78.6





#13

Acrolein

Concen: 66.027 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 56 Resp: 43933

Ion Ratio Lower Upper

56 100

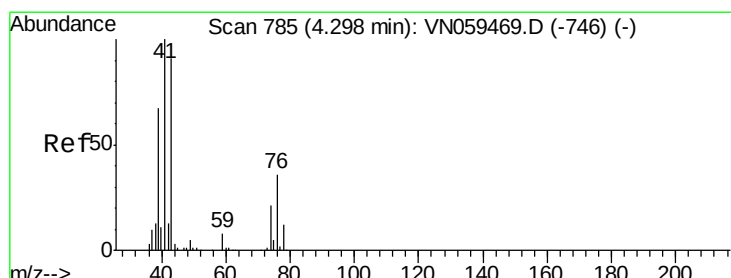
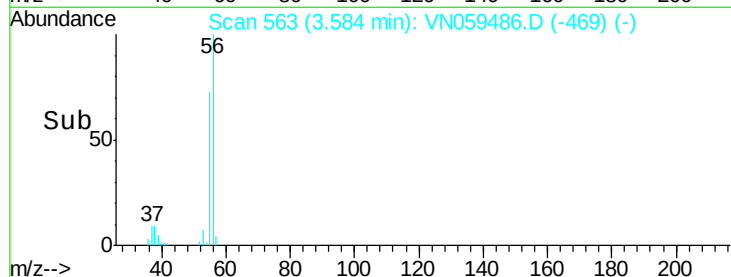
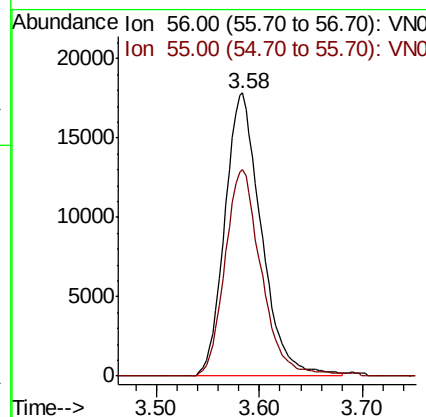
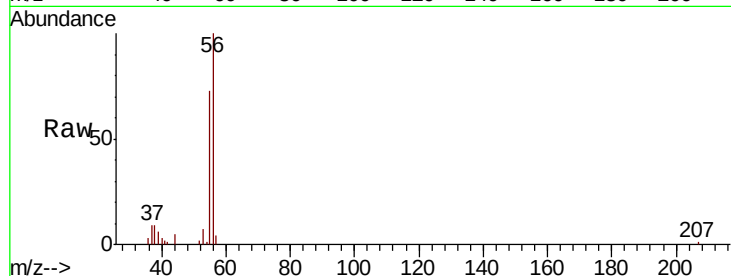
55 72.6 56.5 84.7

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#14

Allyl chloride

Concen: 15.353 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

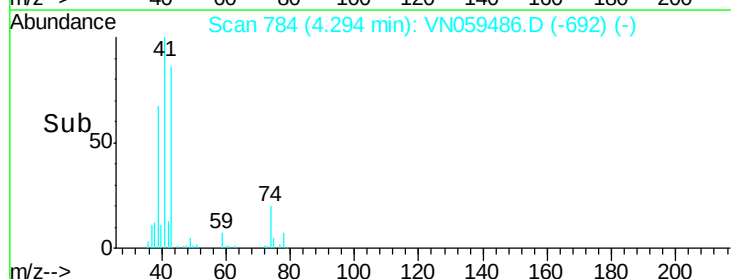
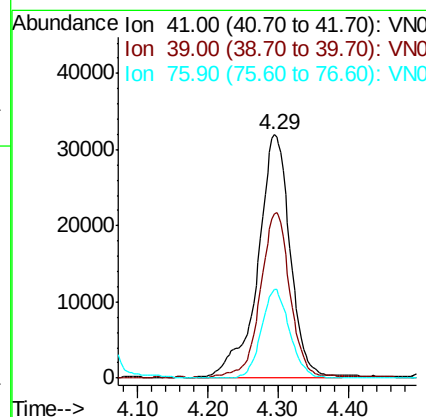
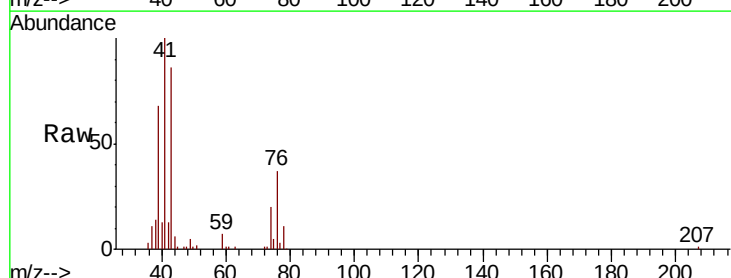
Tgt Ion: 41 Resp: 102723

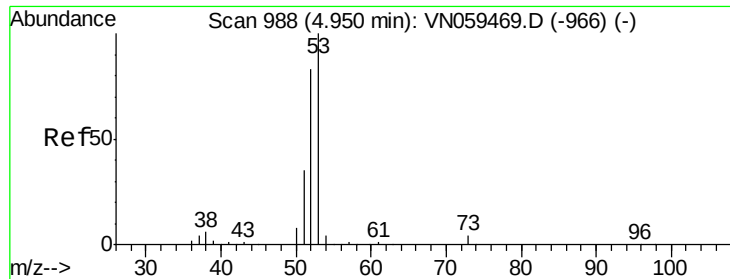
Ion Ratio Lower Upper

41 100

39 62.4 49.3 73.9

76 31.6 25.6 38.4





#15

Acrylonitrile

Concen: 79.029 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.01 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

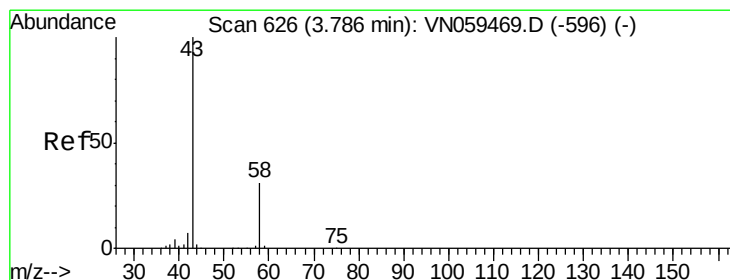
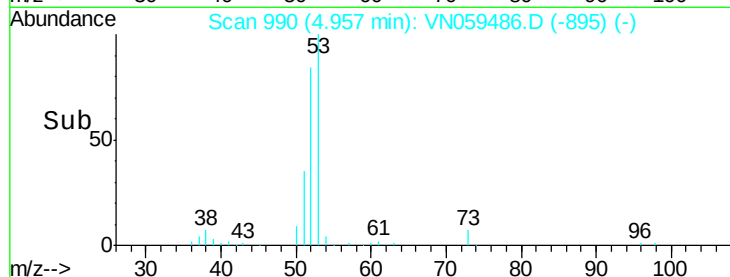
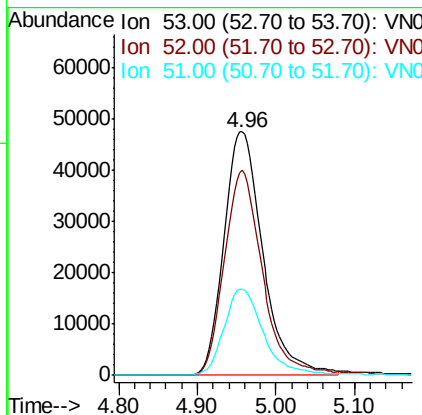
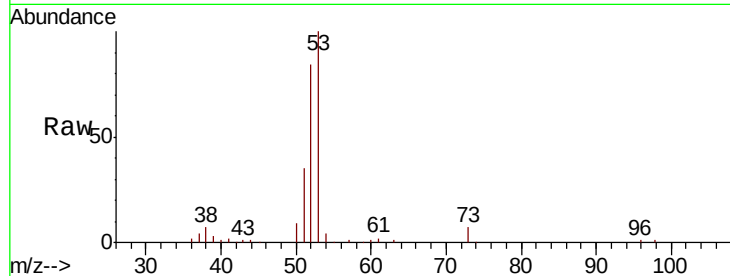
ClientSampleId :

VN1204WBSD01

Tot Ion:	53	Resp:	163918
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	36.2	28.5	42.7

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#16

Acetone

Concen: 68.087 ug/l

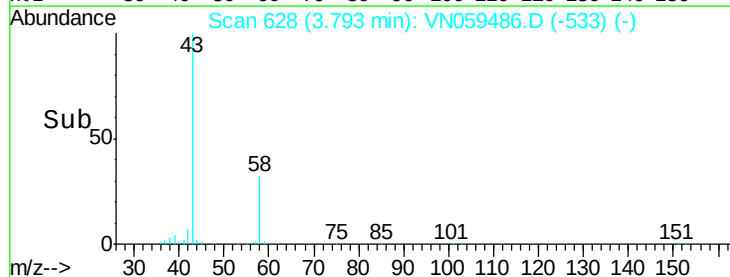
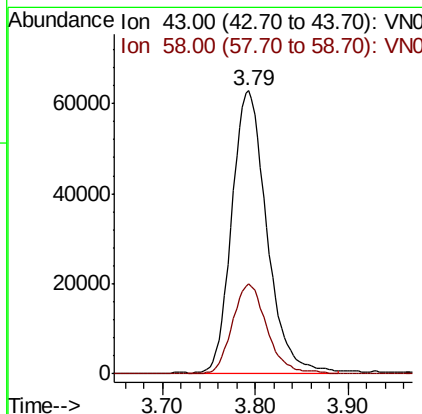
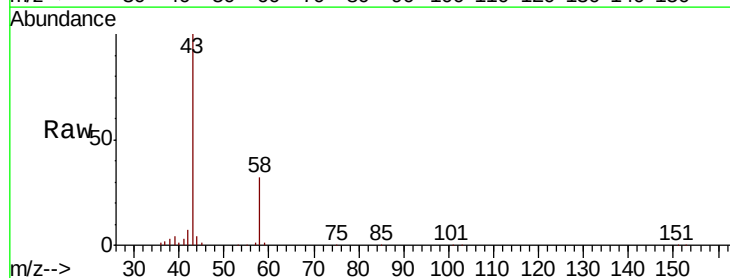
RT: 3.79 min Scan# 628

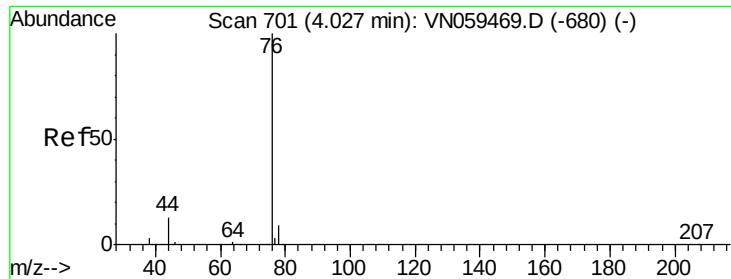
Delta R.T. 0.01 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	43	Resp:	163303
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.9	37.3





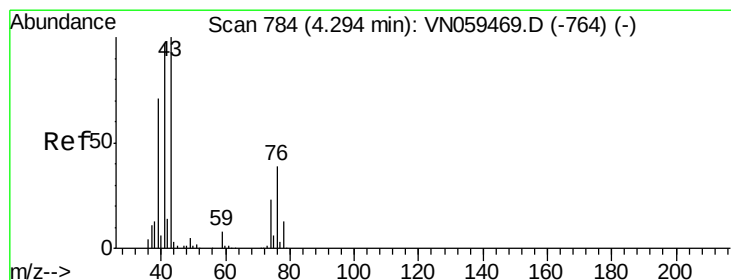
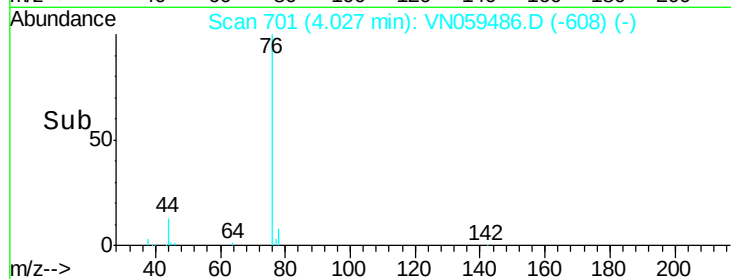
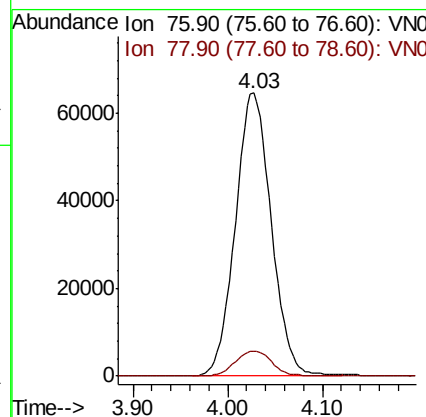
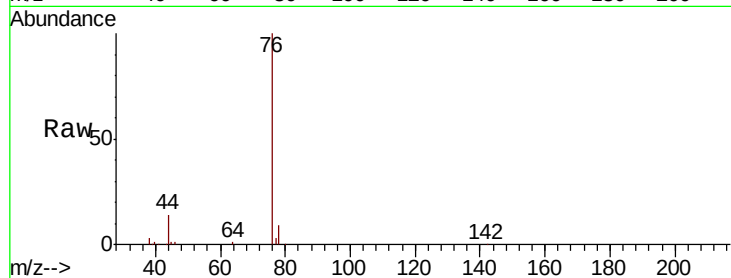
#17
Carbon Disulfide
Concen: 14.695 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

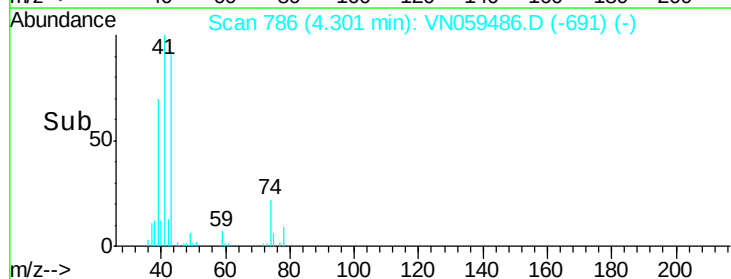
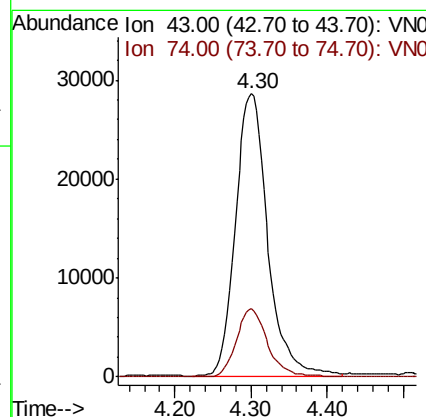
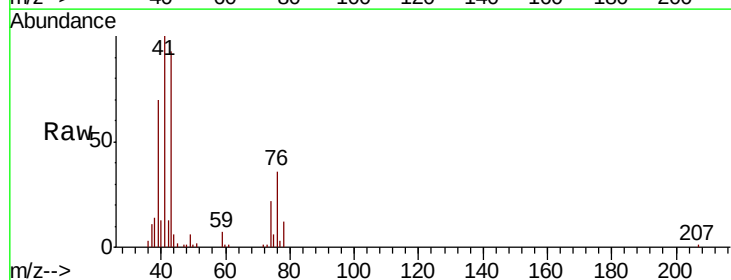
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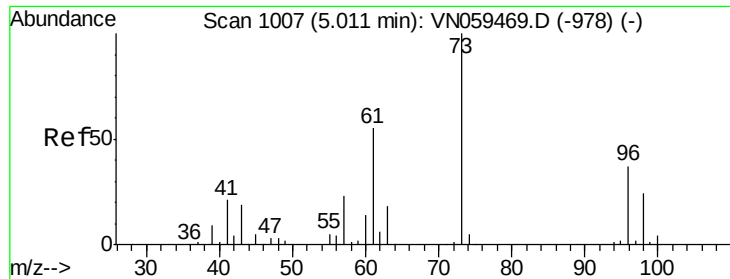
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#18
Methyl Acetate
Concen: 15.526 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5





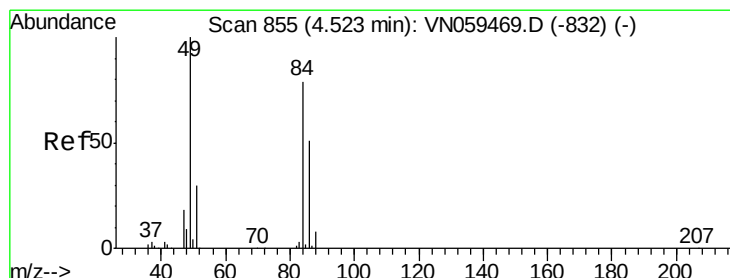
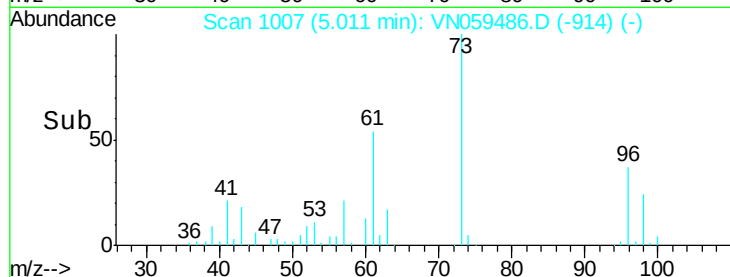
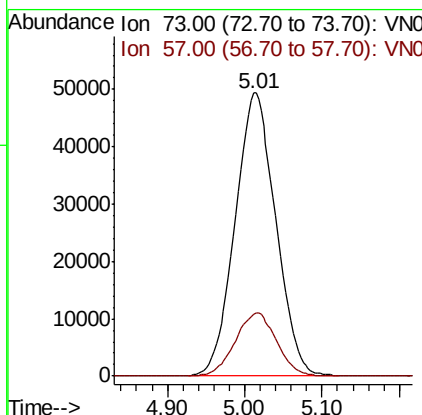
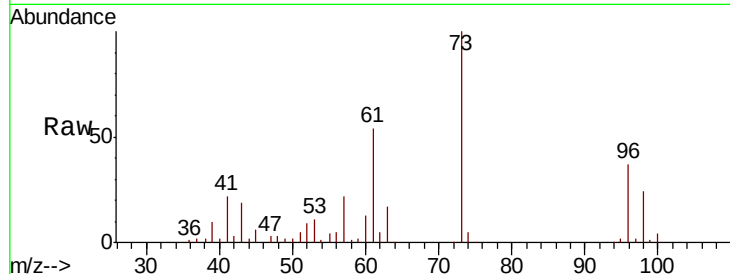
#19
Methyl tert-butyl Ether
Concen: 15.595 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion: 73 Resp: 180552
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0

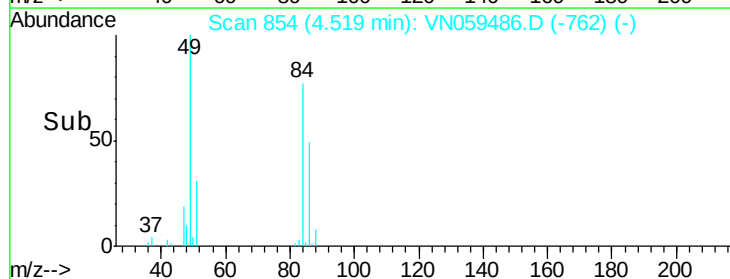
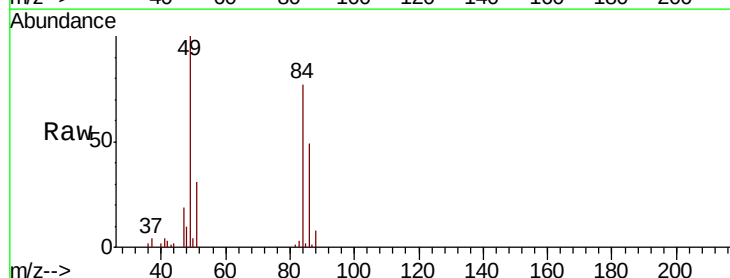
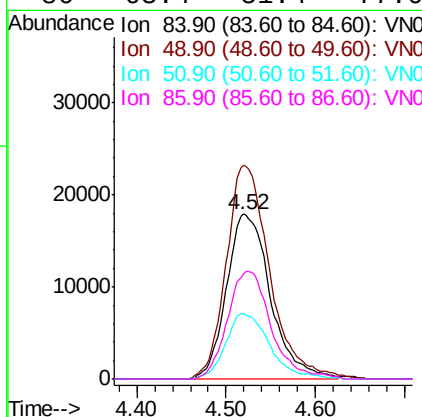
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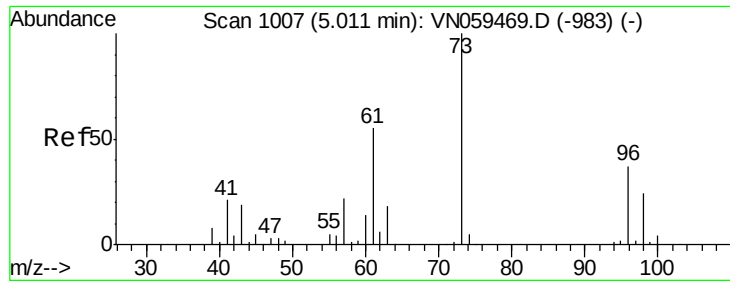
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#20
Methylene Chloride
Concen: 15.199 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion: 84 Resp: 61444
Ion Ratio Lower Upper
84 100
49 129.7 101.1 151.7
51 39.7 30.7 46.1
86 63.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 15.072 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 96 Resp: 57289

Ion Ratio Lower Upper

96 100

61 147.5 118.9 178.3

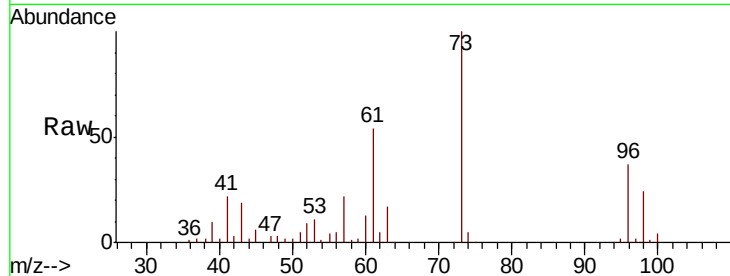
98 64.6 51.6 77.4

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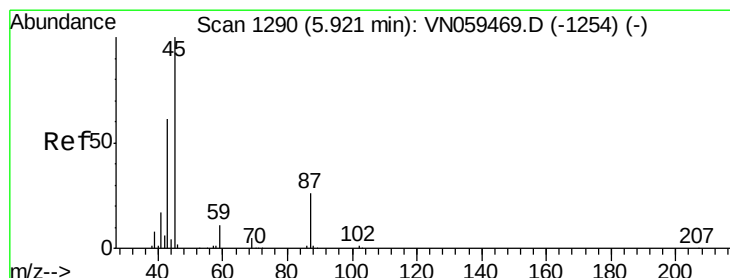
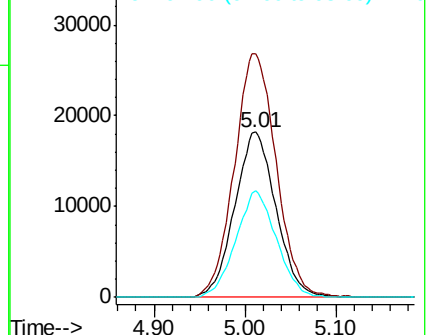
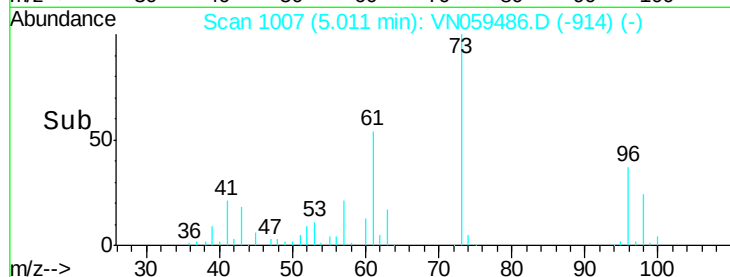
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Abundance Ion 95.90 (95.60 to 96.60): VN059486.D (-914) (-)



#22

Diisopropyl ether

Concen: 15.653 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion: 45 Resp: 194934

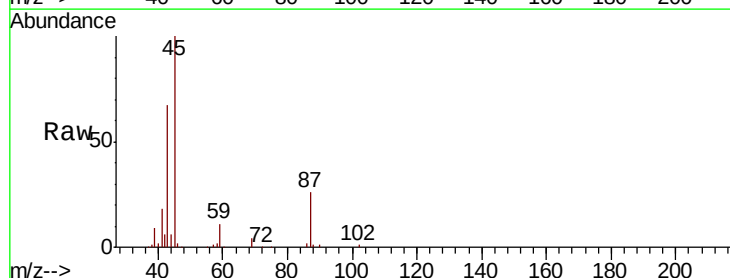
Ion Ratio Lower Upper

45 100

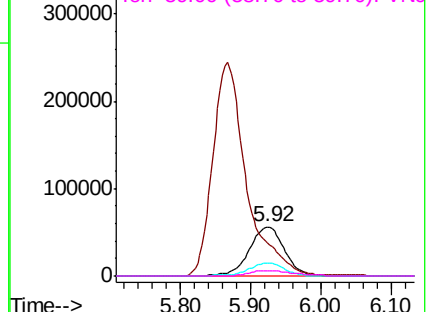
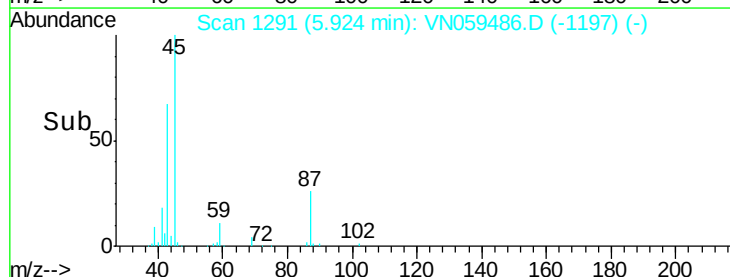
43 64.6 49.1 73.7

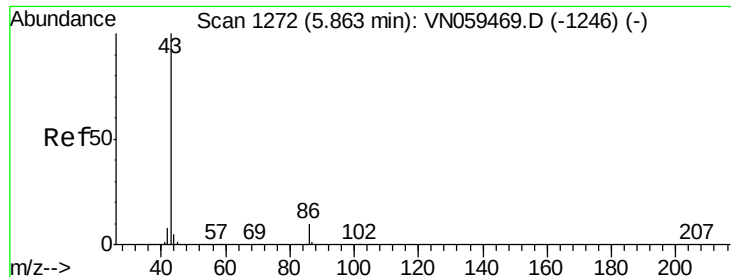
87 26.4 21.6 32.4

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN059486.D (-1197) (-)





#23

Vinyl Acetate

Concen: 81.693 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 43 Resp: 816343

Ion Ratio Lower Upper

43 100

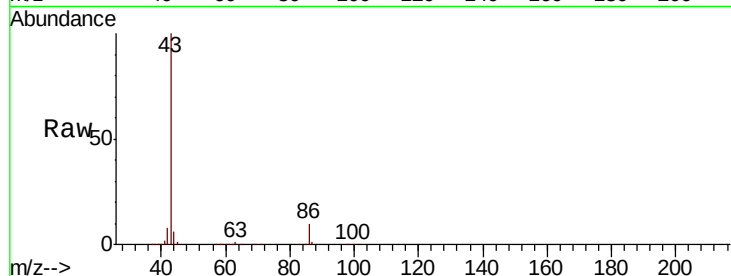
86 9.8 8.0 12.0

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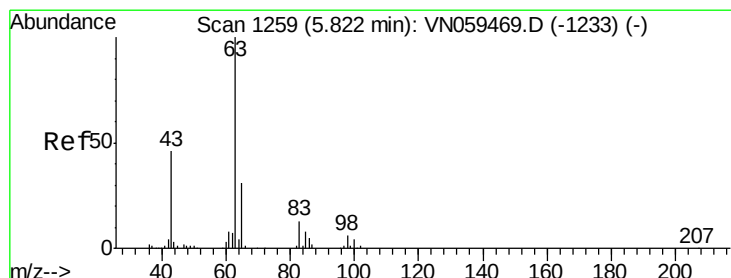
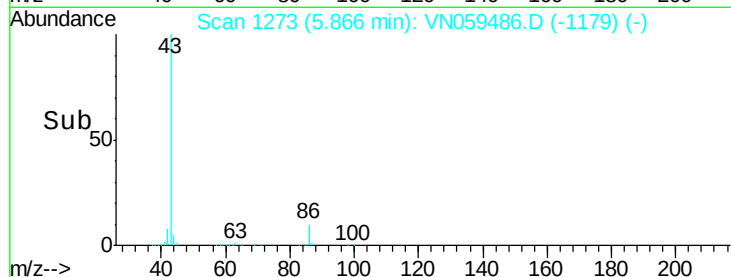
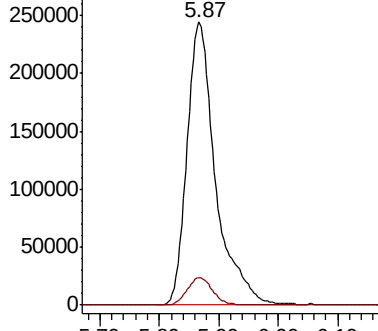
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 15.836 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

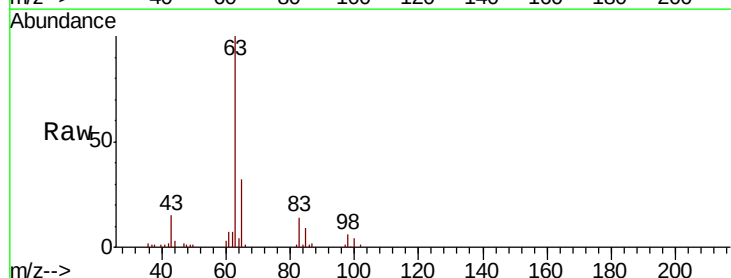
Tgt Ion: 63 Resp: 112031

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

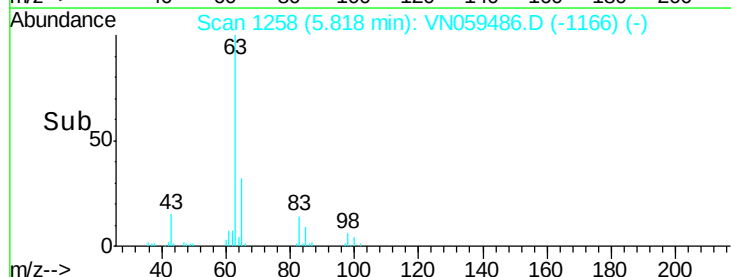
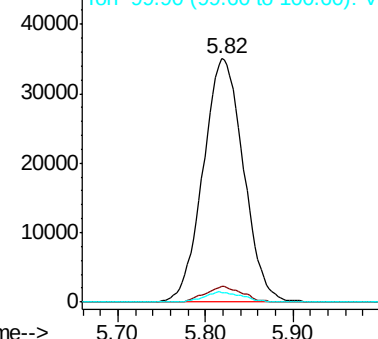
100 4.0 2.0 6.0

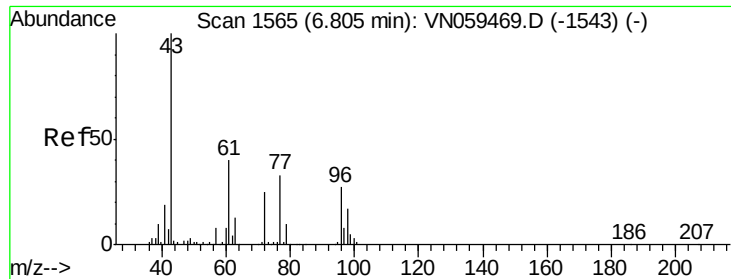


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 72.832 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.01 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

VN1204WBSD01

Tot Ion: 43 Resp: 225230

Ion Ratio Lower Upper

43 100

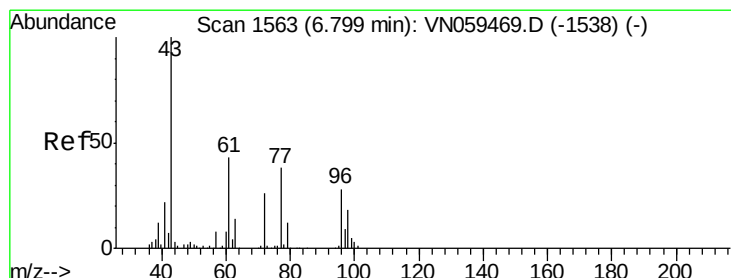
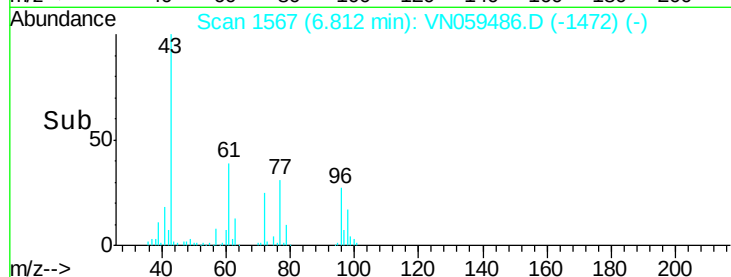
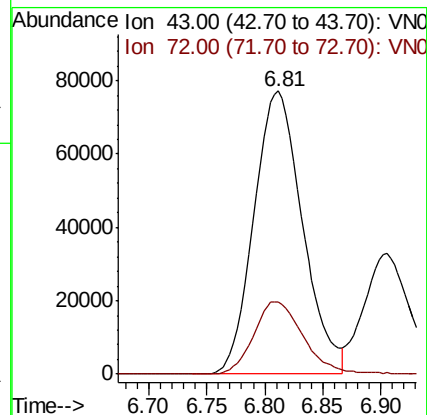
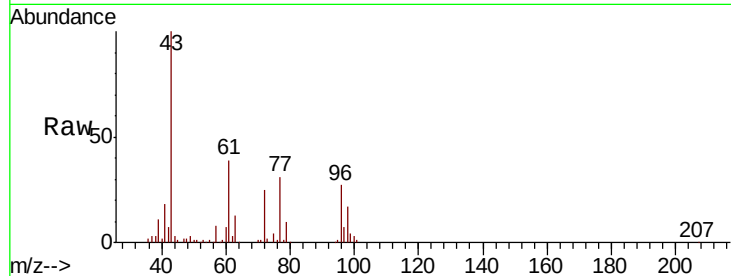
72 25.4 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 15.626 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059486.D

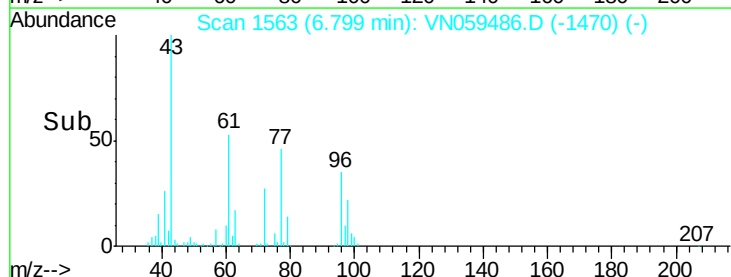
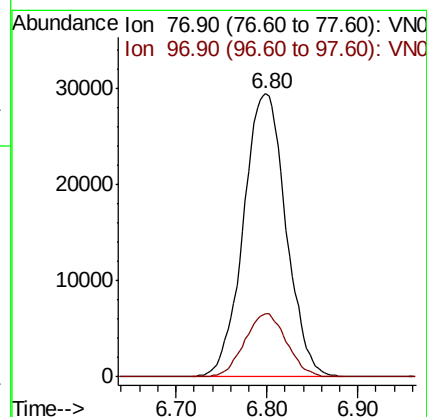
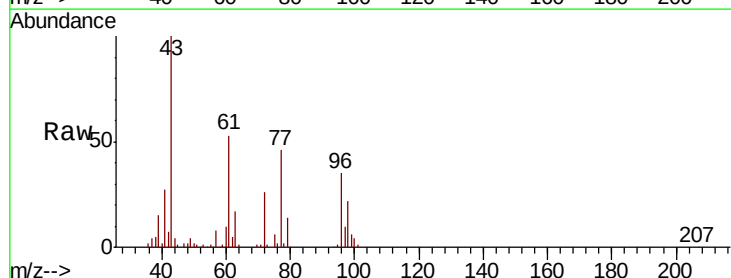
Acq: 4 Dec 2019 14:52

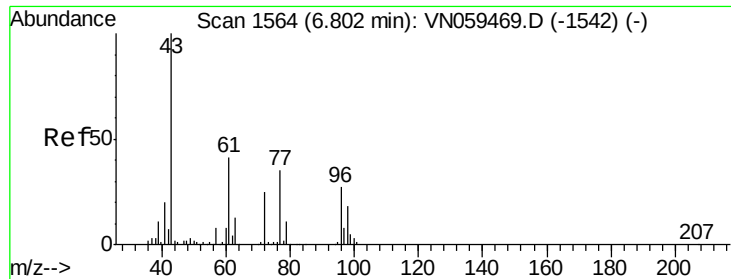
Tgt Ion: 77 Resp: 95610

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 15.609 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

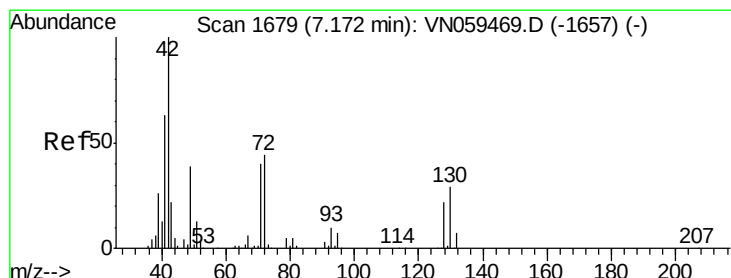
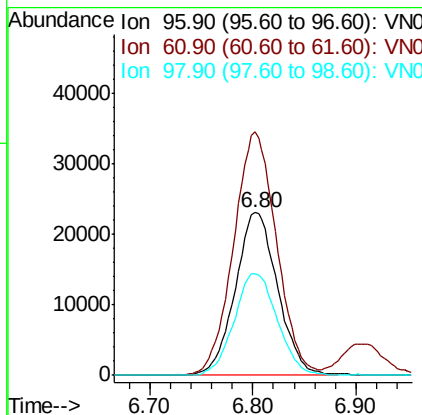
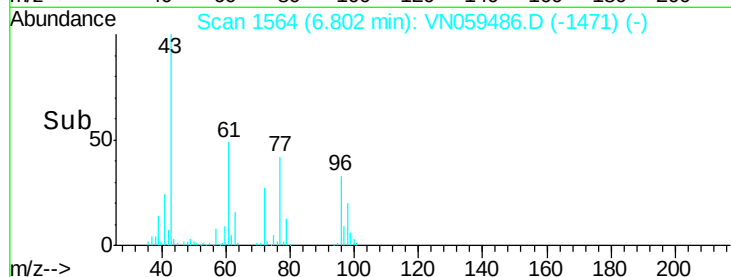
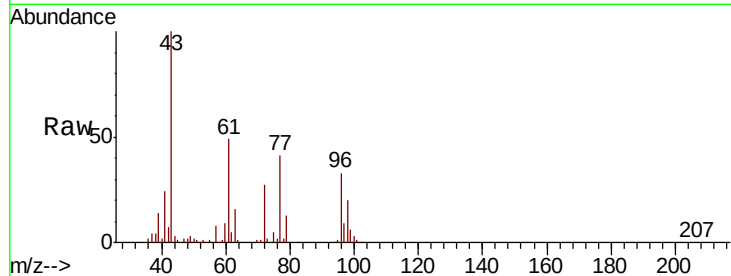
ClientSampled :

VN1204WBSD01

Tot Ion:	96	Resp:	65891
Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	307.4
98	63.5	0.0	129.2

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#28

Bromochloromethane

Concen: 13.837 ug/l

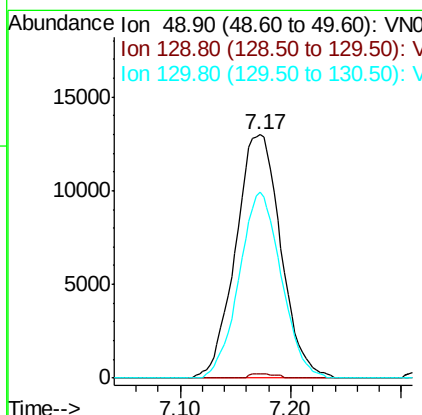
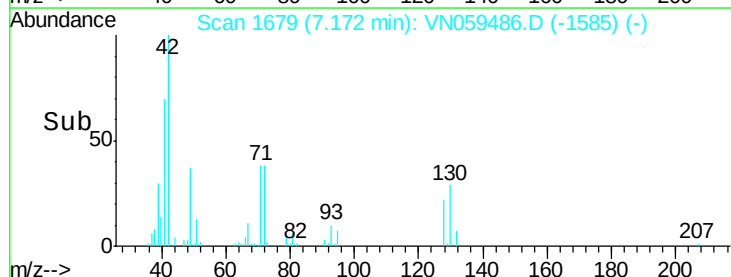
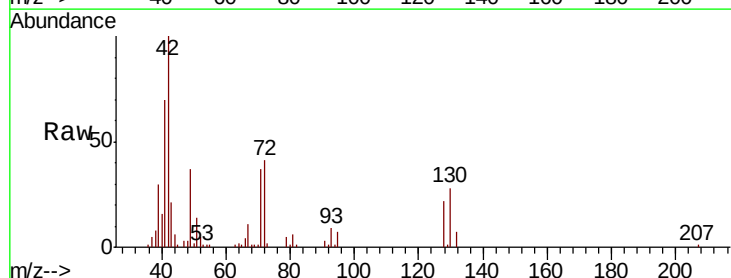
RT: 7.17 min Scan# 1679

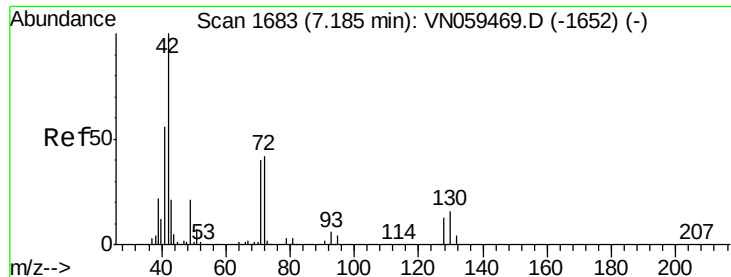
Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	49	Resp:	36932
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.2
130	71.2	58.4	87.6





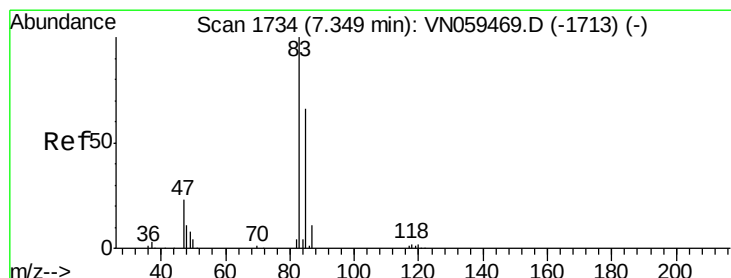
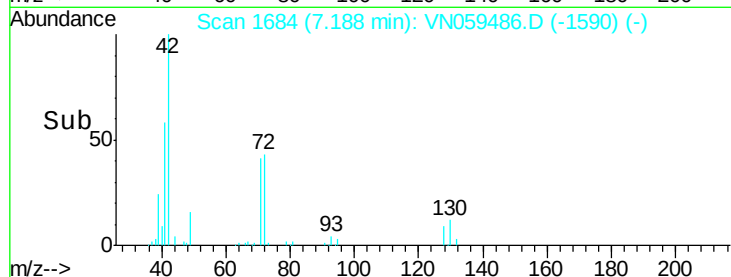
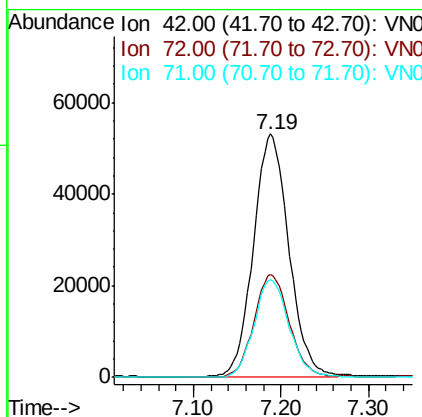
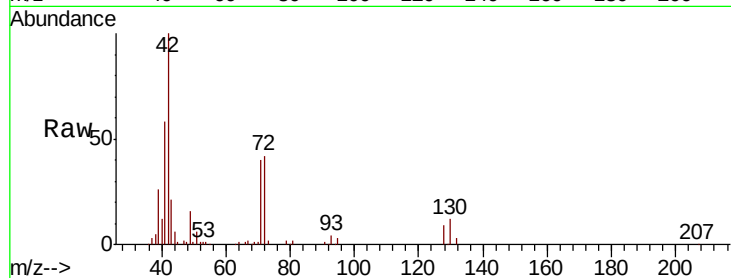
#29
Tetrahydrofuran
Concen: 77.280 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.2	51.2
71	39.5	32.0	48.0

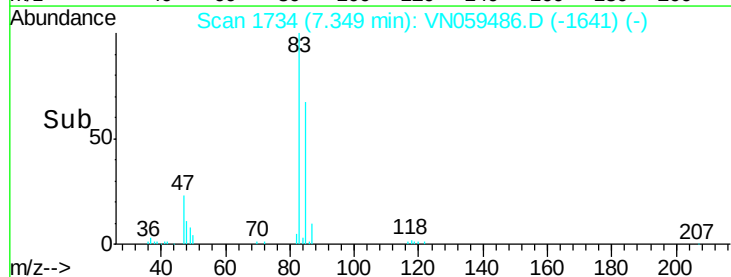
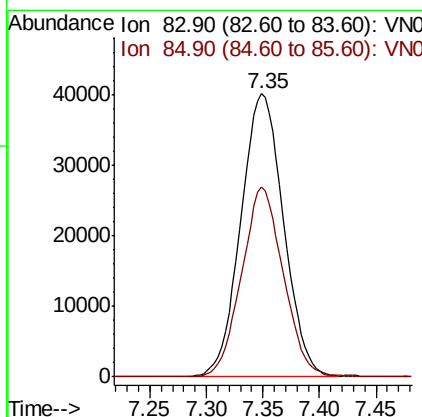
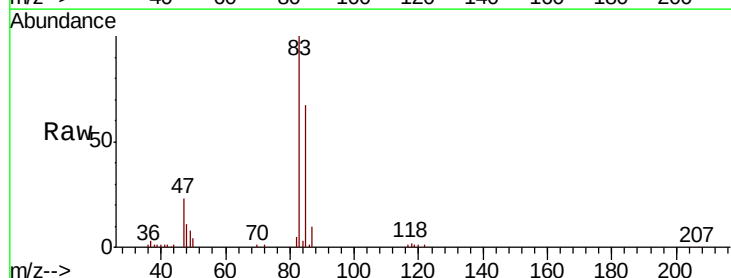
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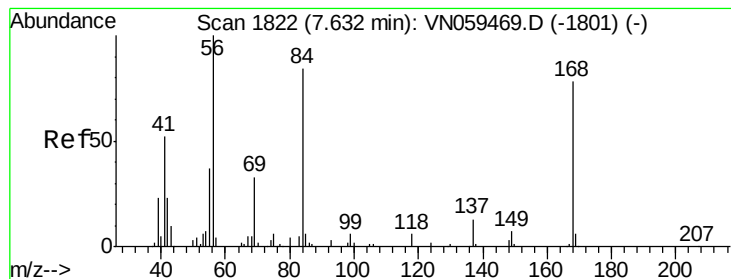
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#30
Chloroform
Concen: 15.427 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.4	78.6





#31

Cyclohexane

Concen: 15.454 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

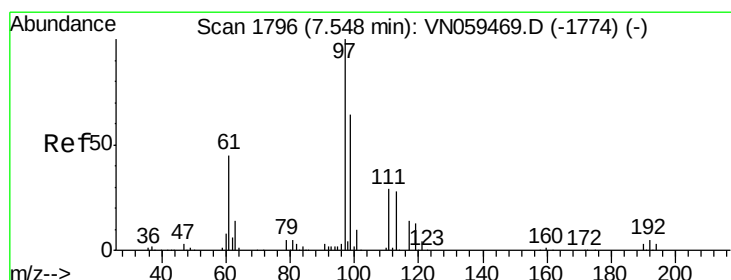
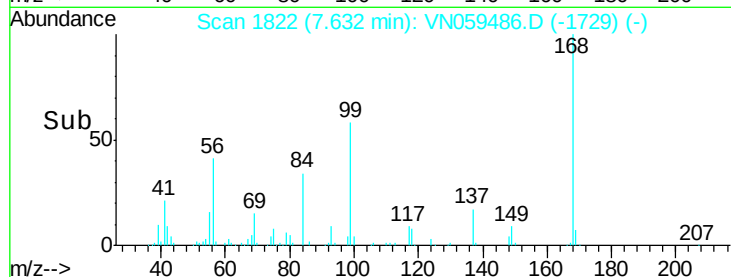
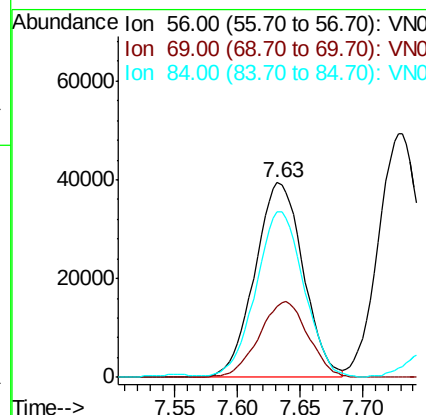
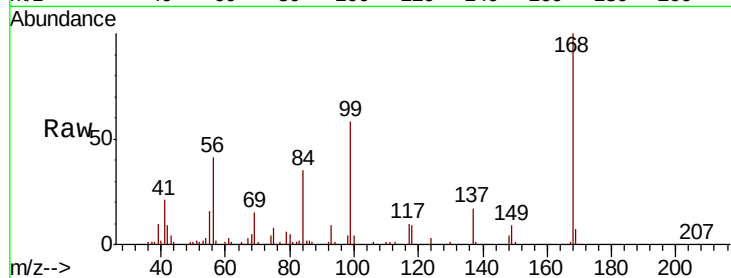
VN1204WBSD01

Tot Ion: 56 Resp: 105932

Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.2	39.4
84	84.1	66.8	100.2

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#32

1,1,1-Trichloroethane

Concen: 15.343 ug/l

RT: 7.55 min Scan# 1796

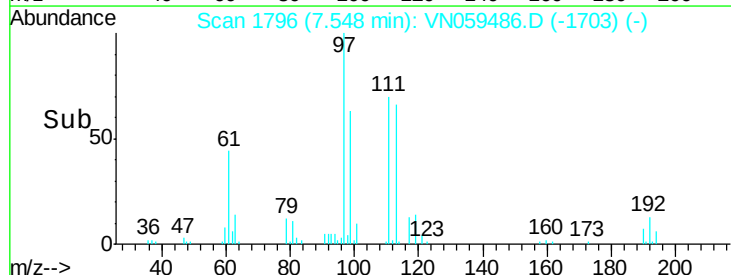
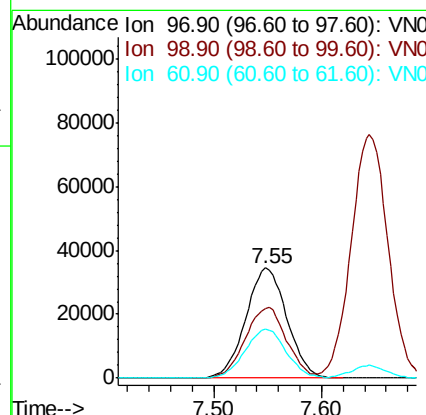
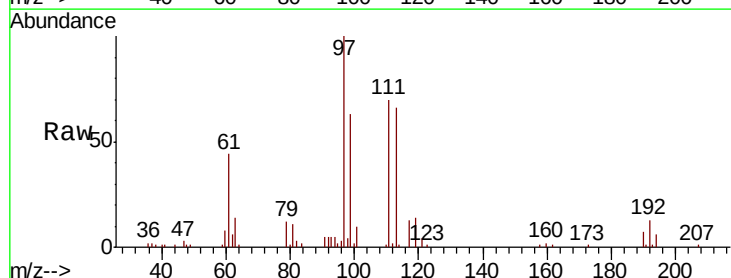
Delta R.T. -0.00 min

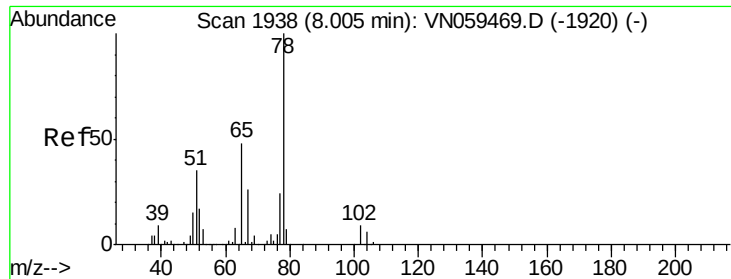
Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion: 97 Resp: 91091

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	45.0	35.4	53.0





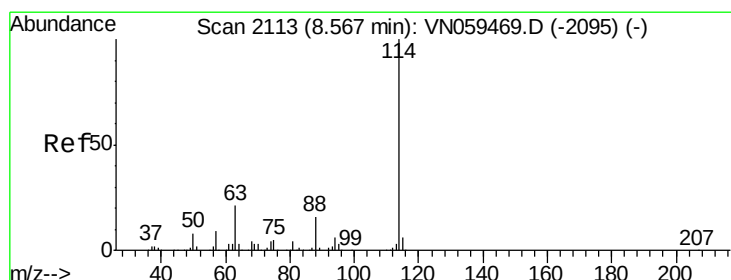
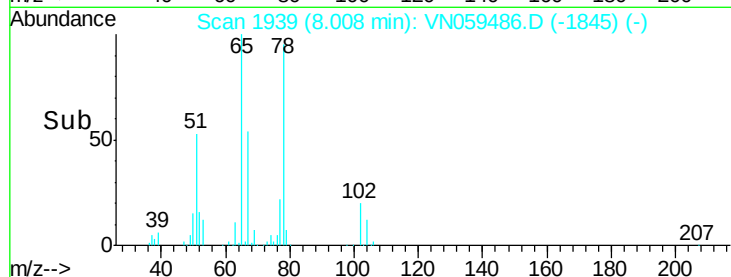
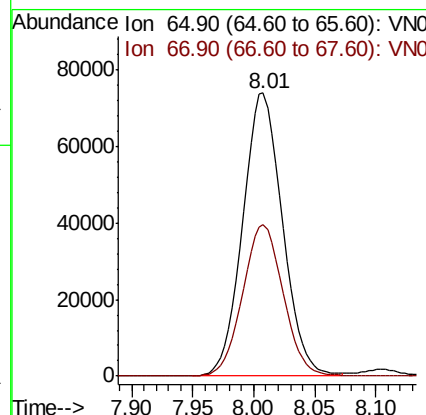
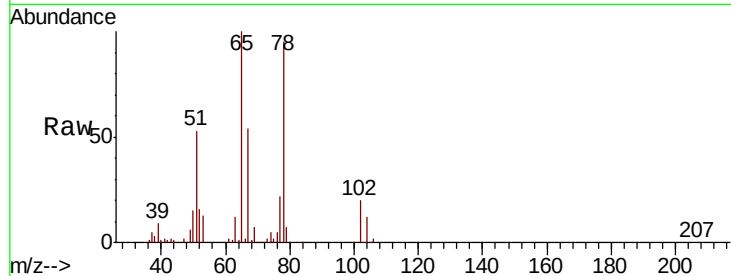
#33
 1,2-Dichloroethane-d4
 Concen: 41.028 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166926		
67	54.5	0.0	107.4	

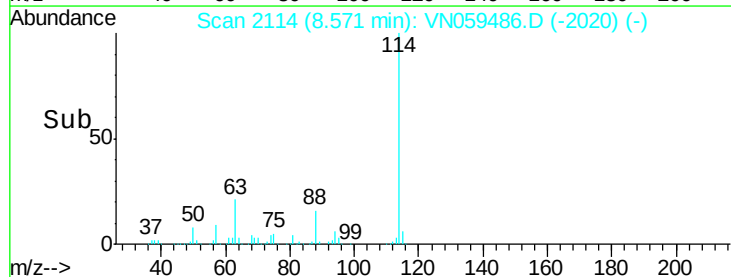
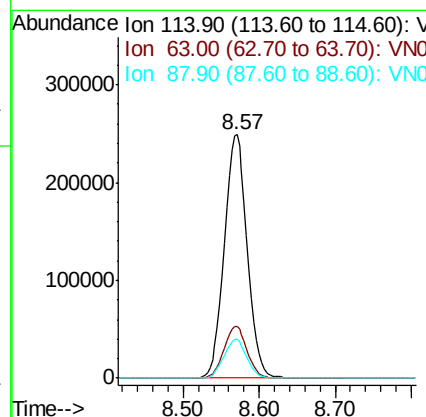
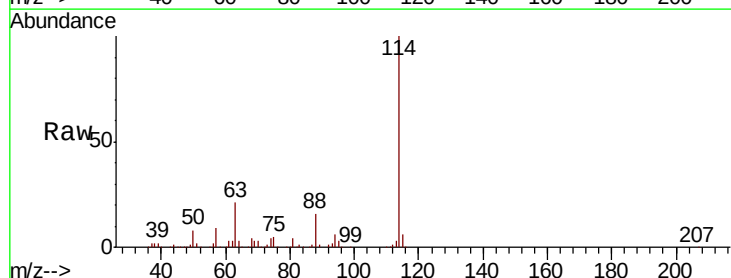
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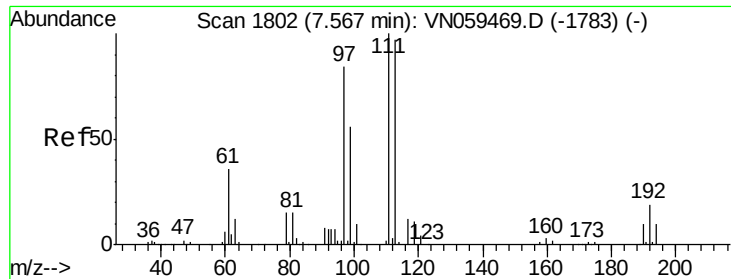
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519552		
63	21.4	0.0	42.4	
88	15.7	0.0	32.8	





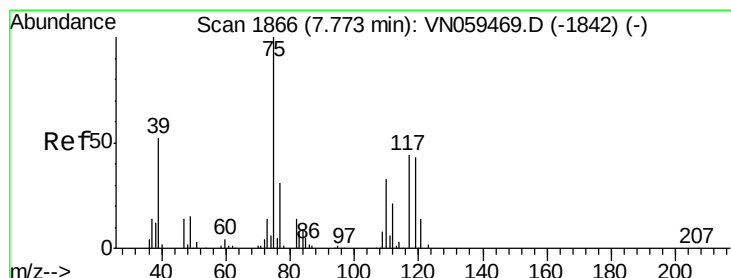
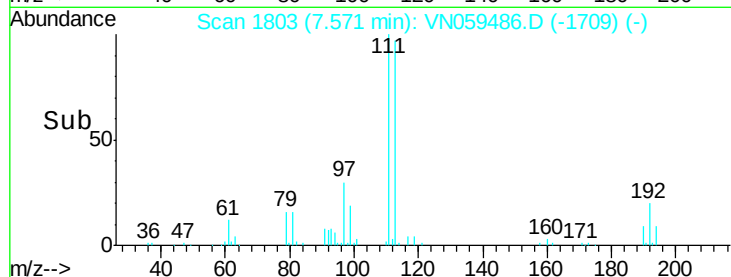
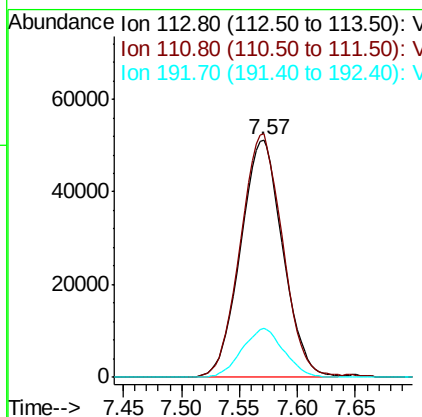
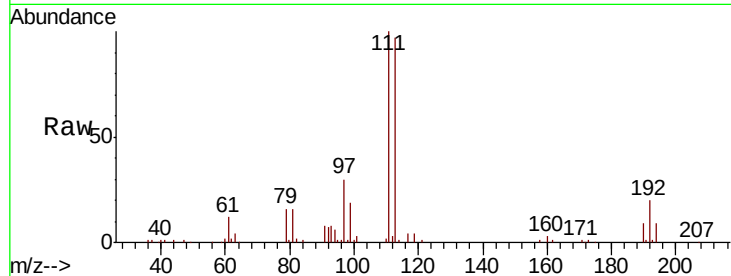
#35
 Dibromofluoromethane
 Concen: 40.048 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129591		
111	102.5	82.5	123.7	
192	20.5	16.1	24.1	

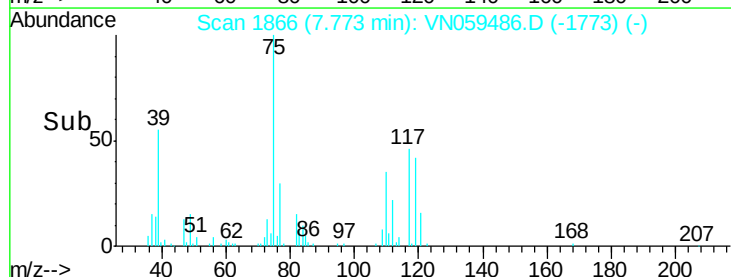
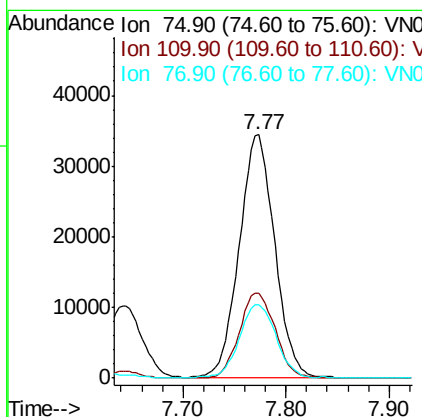
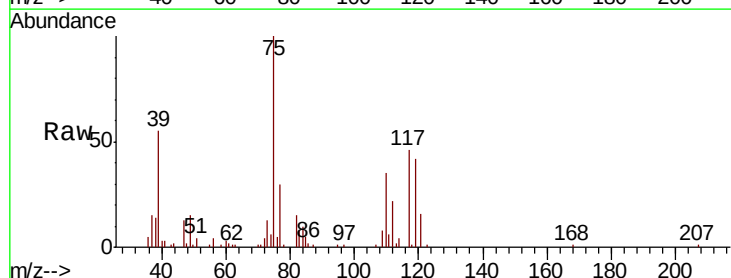
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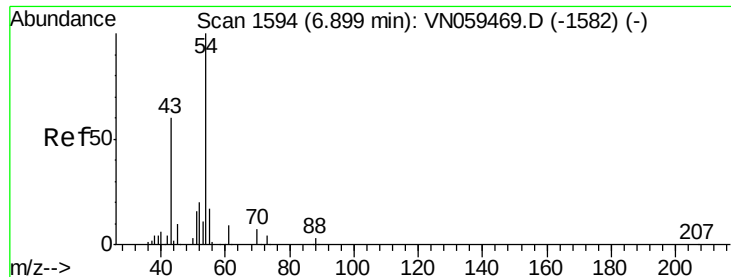
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#36
 1,1-Dichloropropene
 Concen: 15.317 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82812		
110	35.0	16.9	50.7	
77	31.3	25.1	37.7	





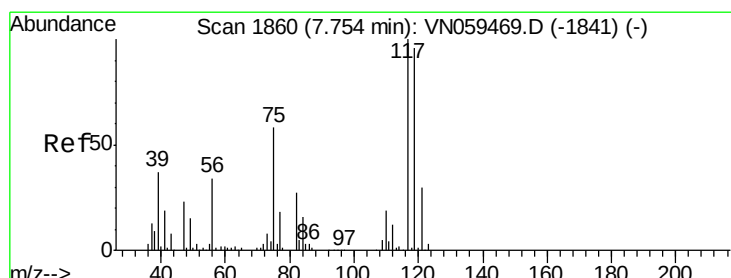
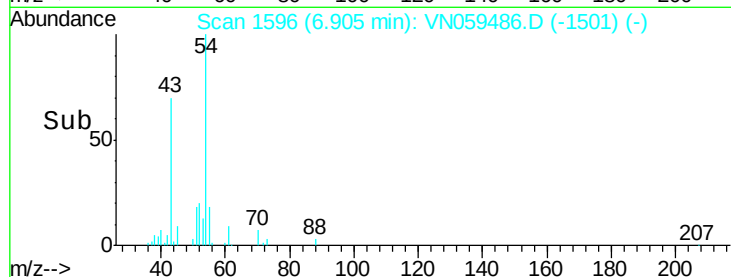
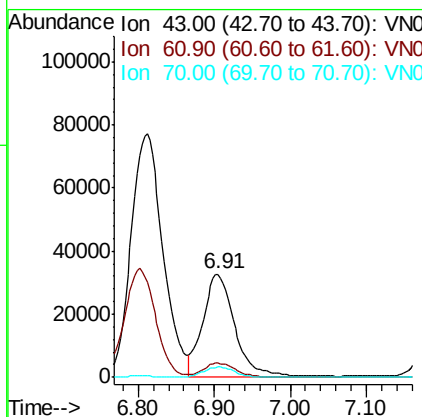
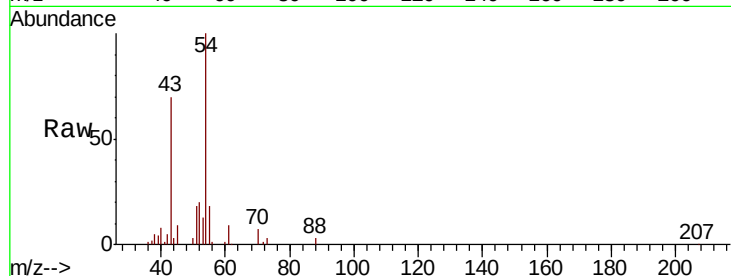
#37
Ethyl Acetate
Concen: 15.688 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	43	61	70	Ratio	Lower	Upper
43	100					
61	14.1	11.3	16.9			
70	9.8	8.3	12.5			

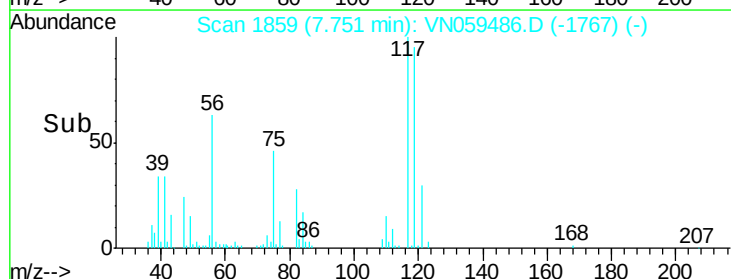
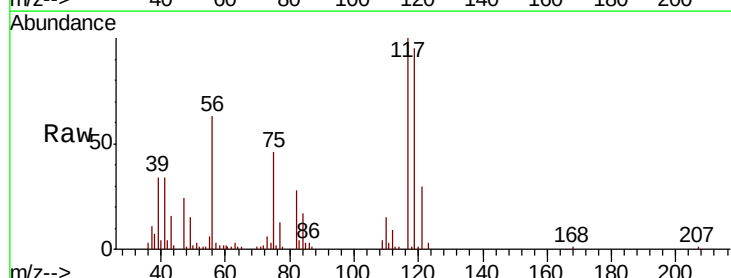
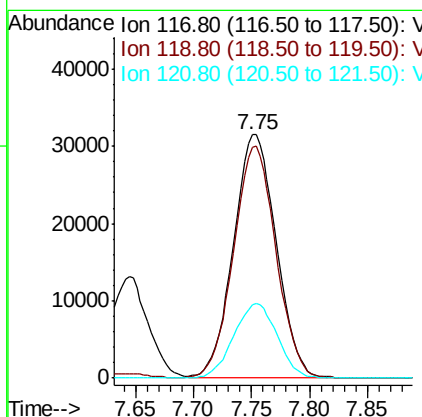
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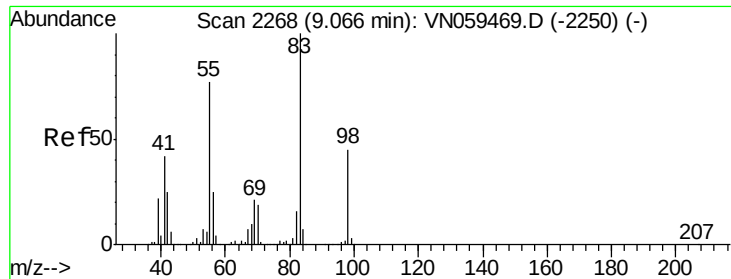
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#38
Carbon Tetrachloride
Concen: 15.553 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	117	119	121	Ratio	Lower	Upper
117	100					
119	94.8	76.6	114.8			
121	29.9	24.0	36.0			





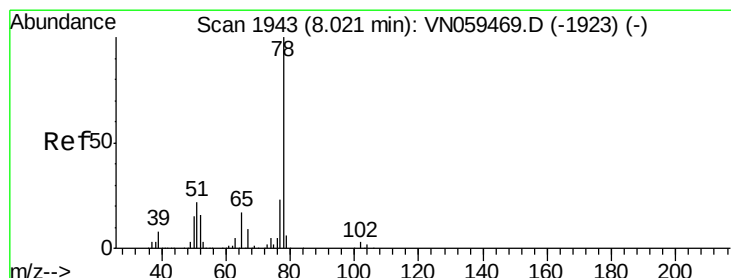
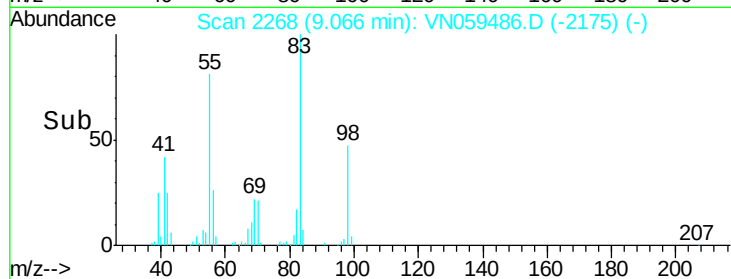
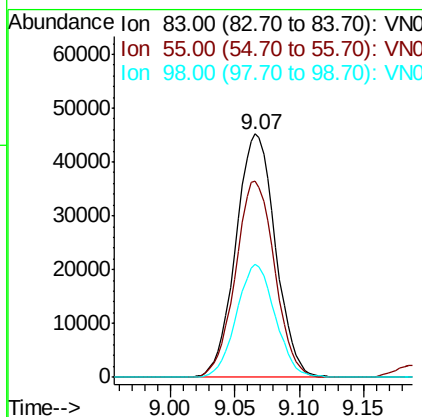
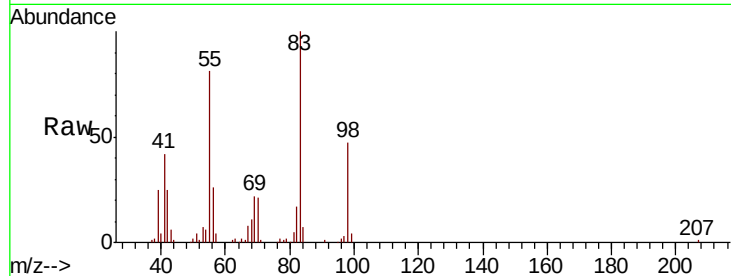
#39
Methylvlcyclohexane
Concen: 14.852 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	61.8	92.6
98	46.7	36.2	54.2

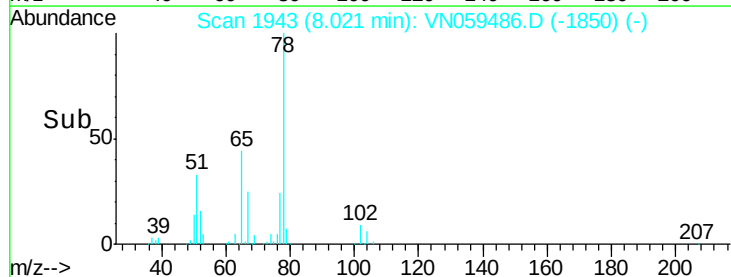
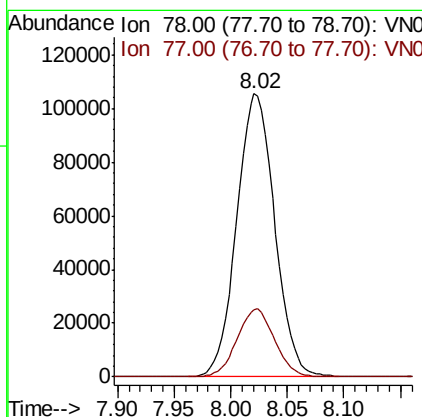
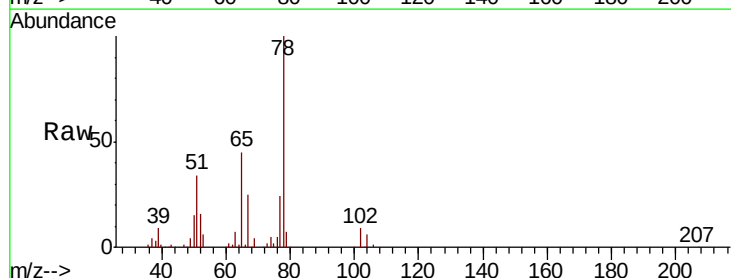
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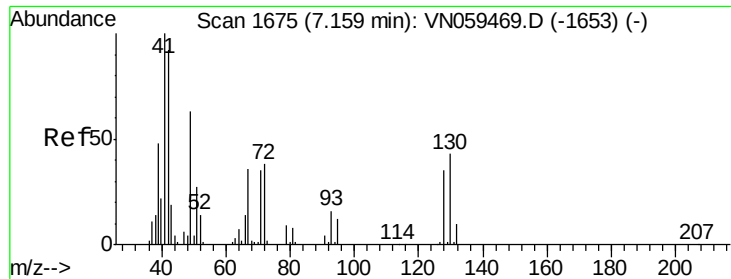
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#40
Benzene
Concen: 15.575 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2





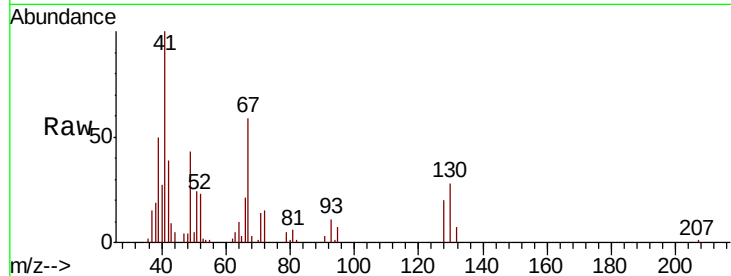
#41
Methacrylonitrile
Concen: 15.532 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

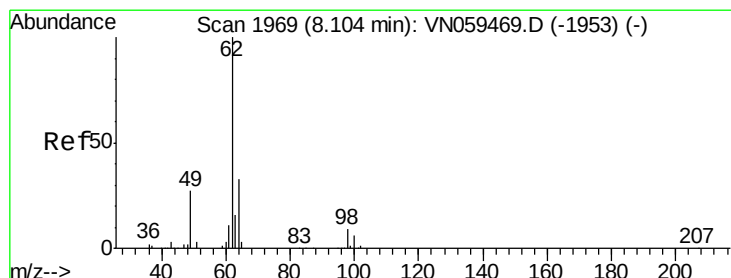
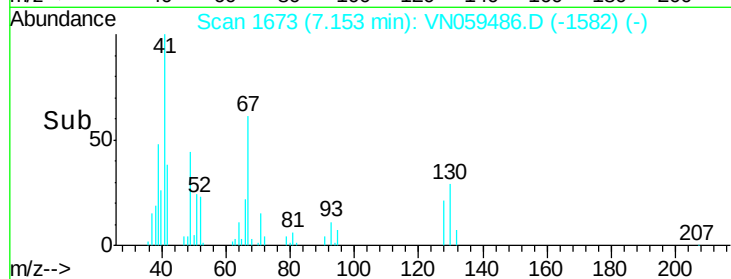
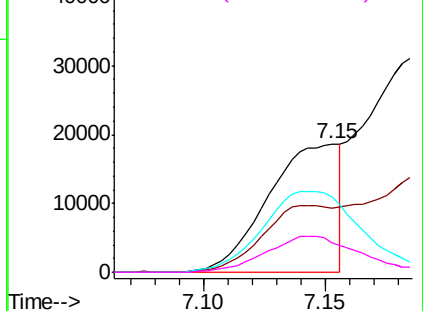
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		38015		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

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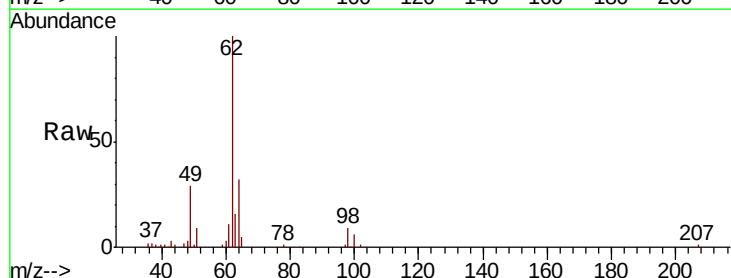


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

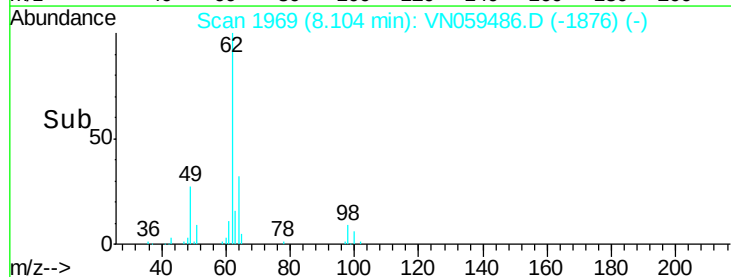
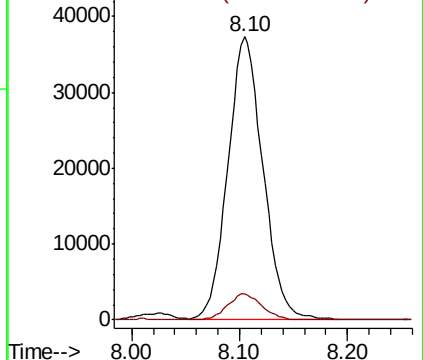


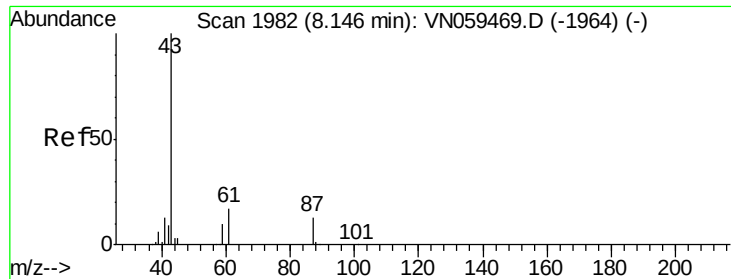
#42
1,2-Dichloroethane
Concen: 15.747 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		84688		
98	8.9	0.0	17.8		



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 15.364 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

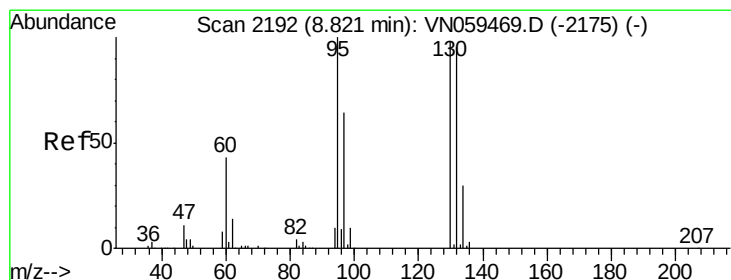
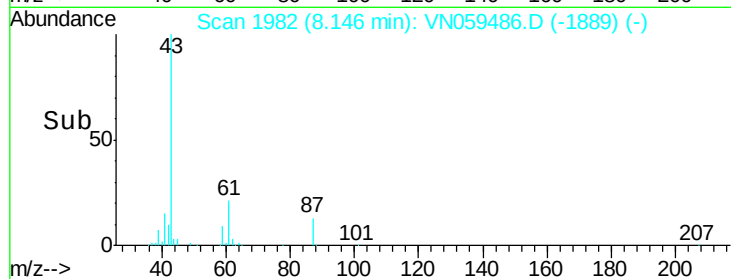
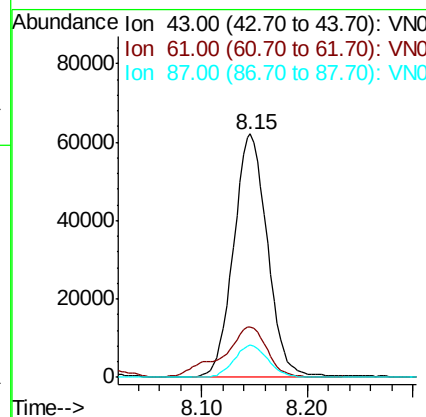
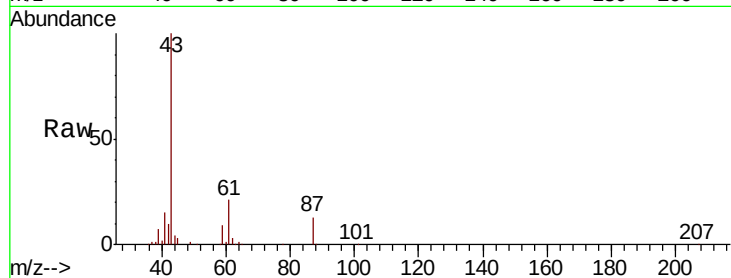
ClientSampleId :

VN1204WBSD01

Tot Ion:	43	Resp:	138007
Ion Ratio		Lower	Upper
43	100		
61	27.1	21.0	31.6
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 15.074 ug/l

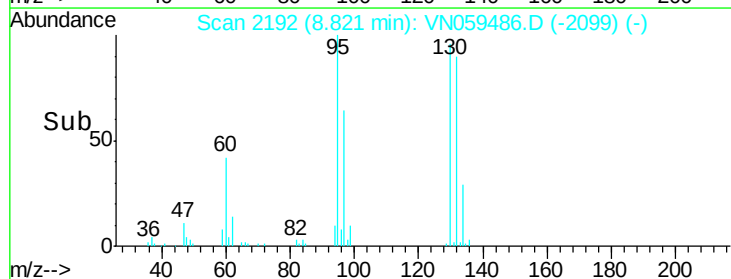
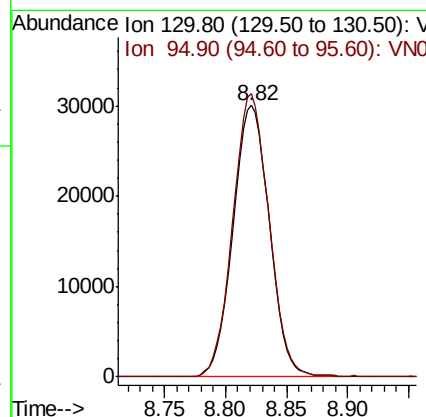
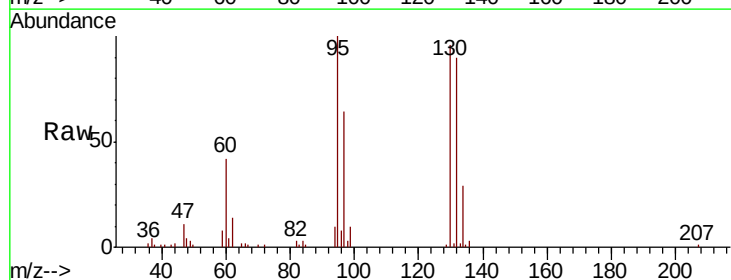
RT: 8.82 min Scan# 2192

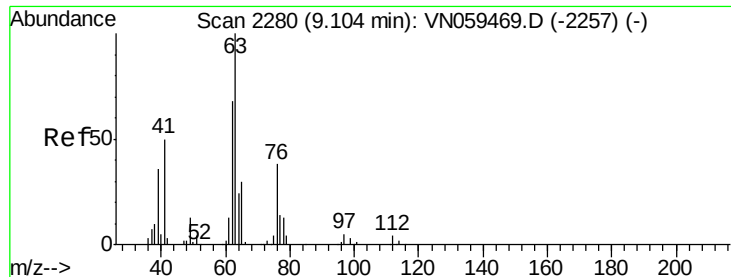
Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	130	Resp:	62368
Ion Ratio		Lower	Upper
130	100		
95	104.2	0.0	203.6





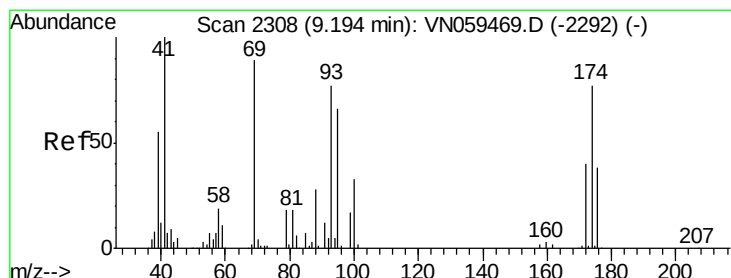
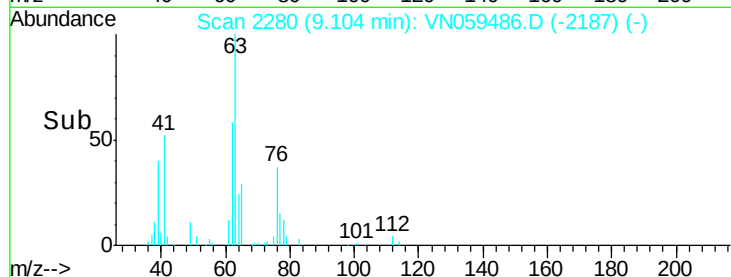
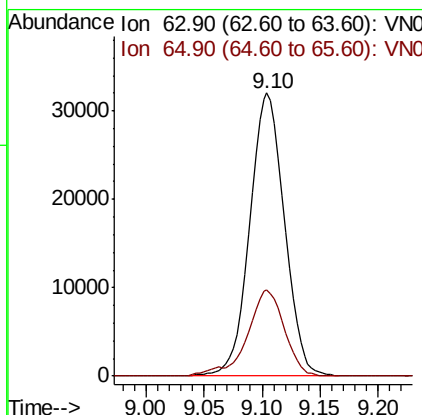
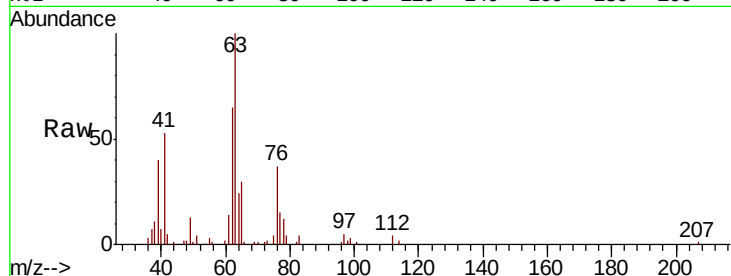
#45
 1,2-Dichloropropane
 Concen: 15.779 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion: 63 Resp: 66745
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6

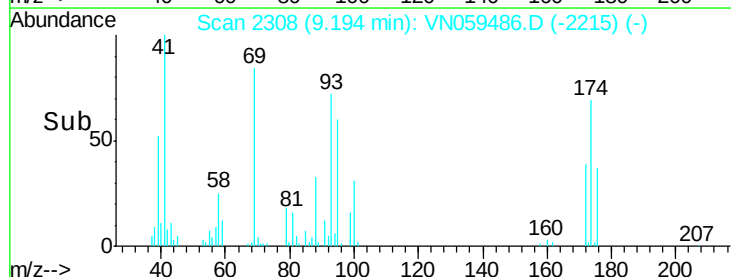
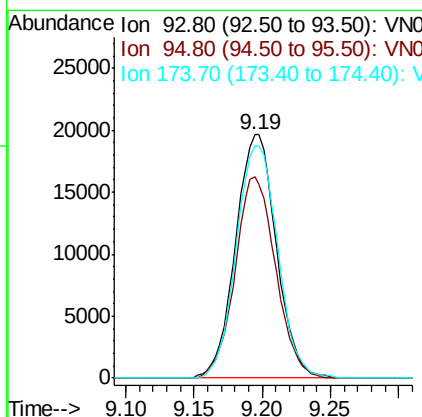
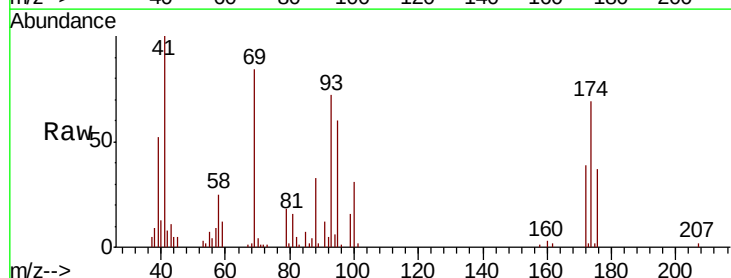
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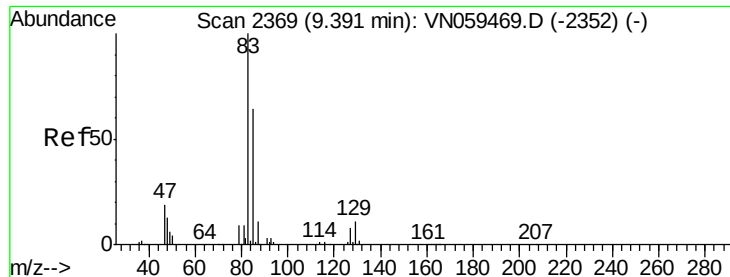
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#46
 Dibromomethane
 Concen: 15.501 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion: 93 Resp: 40822
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.0 100.6
 174 97.1 79.6 119.4





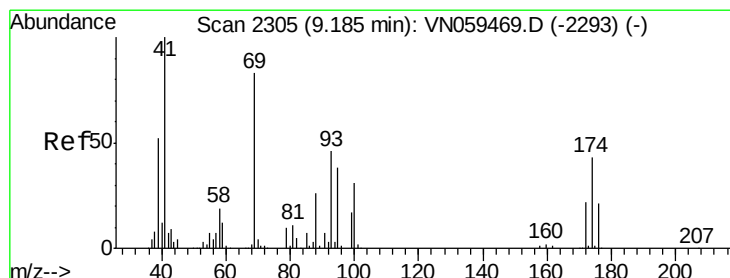
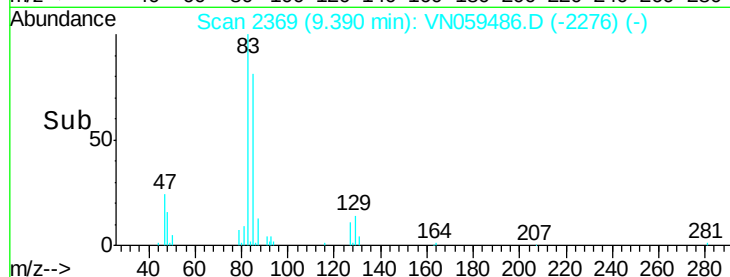
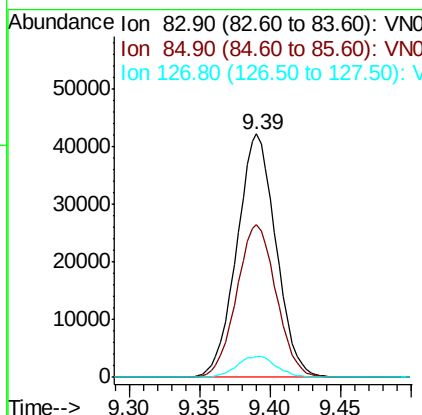
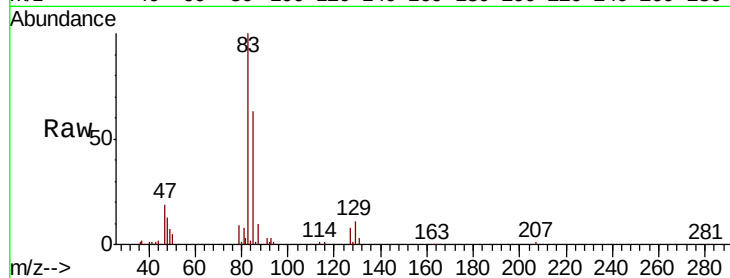
#47
Bromodichloromethane
Concen: 15.488 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	83	Resp	81783
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.0	76.6
127	8.4	6.6	9.8

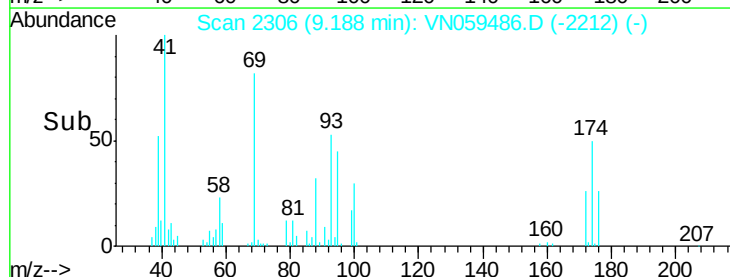
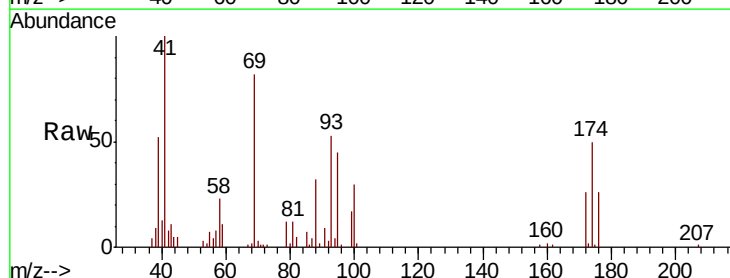
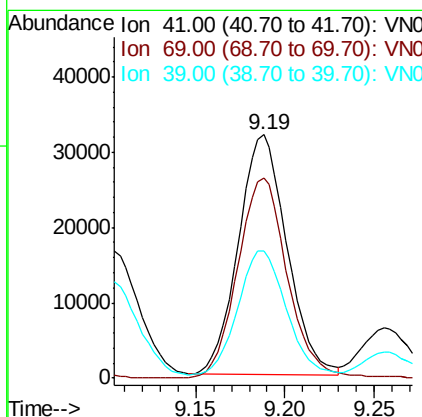
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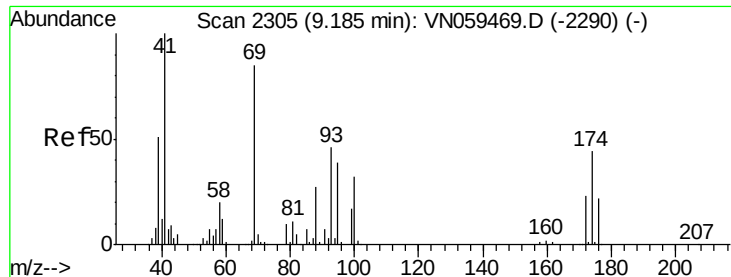
apatel
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#48
Methyl methacrylate
Concen: 14.995 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	41	Resp	60764
Ion Ratio	100	Lower	Upper
41	100		
69	85.2	68.6	103.0
39	53.7	43.2	64.8





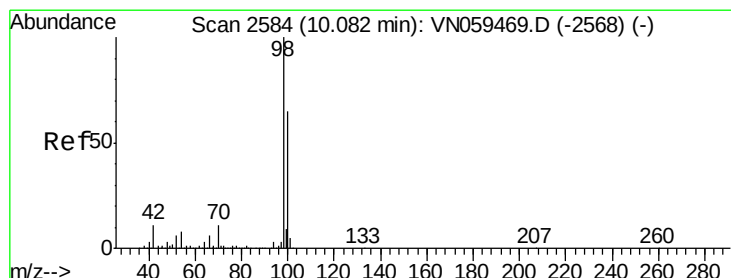
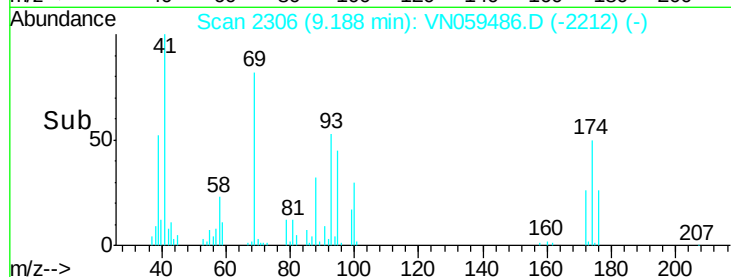
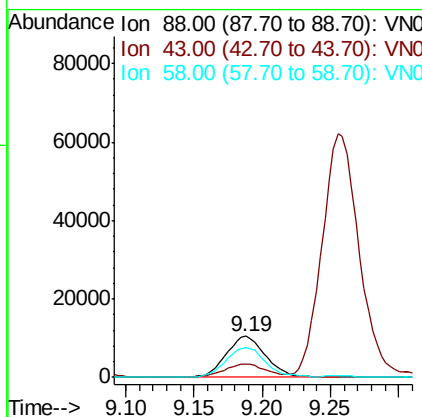
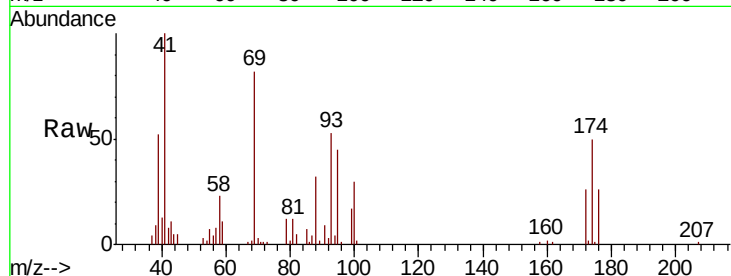
#49
1,4-Dioxane
Concen: 347.558 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	21312		
43	34.0		27.1	40.7
58	73.3		57.8	86.6

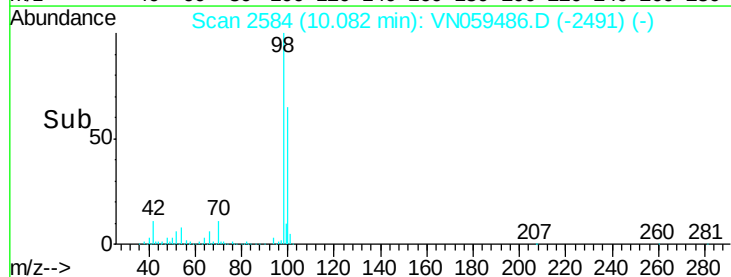
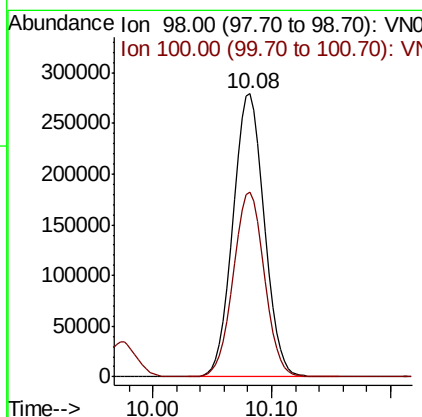
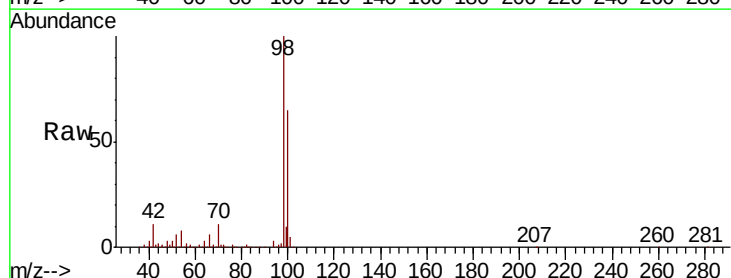
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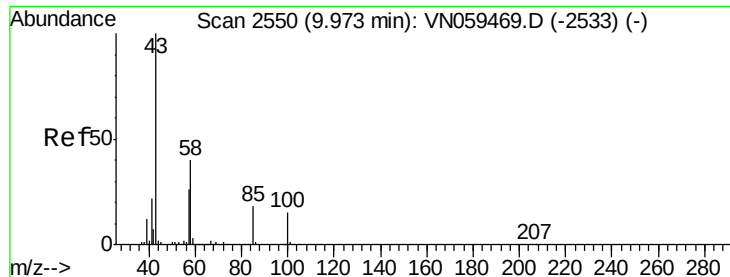
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#50
Toluene-d8
Concen: 39.982 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	510110		
100	65.0		52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 80.860 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

VN1204WBSD01

Tot Ion: 43 Resp: 431127

Ion Ratio Lower Upper

43 100

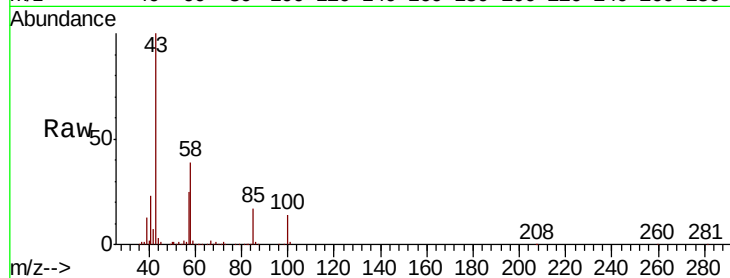
58 38.9 32.1 48.1

Manual Integrations

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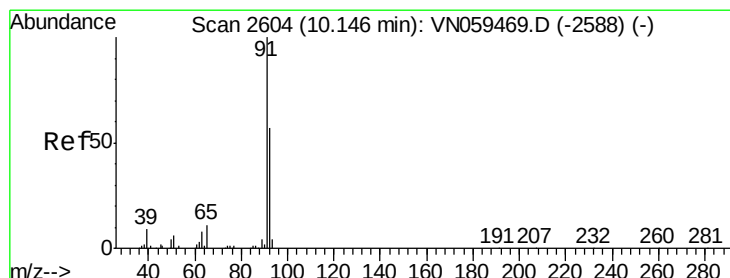
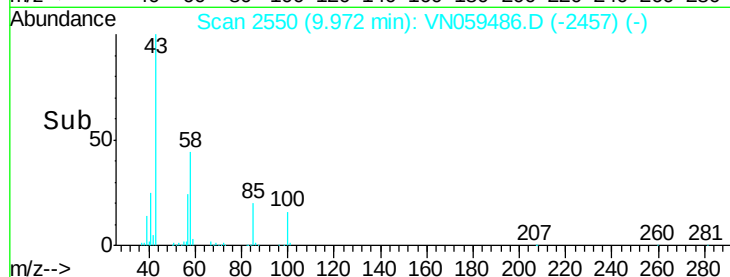
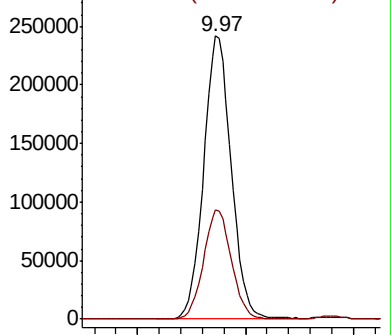
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 15.624 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059486.D

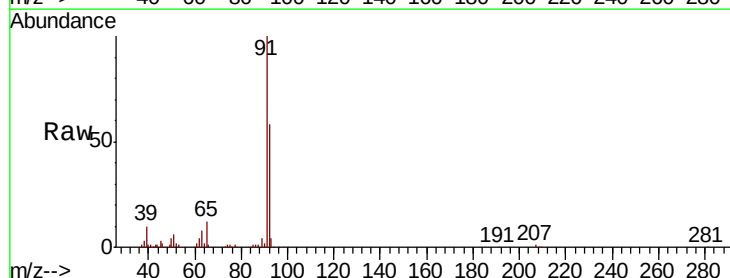
Acq: 4 Dec 2019 14:52

Tgt Ion: 92 Resp: 149610

Ion Ratio Lower Upper

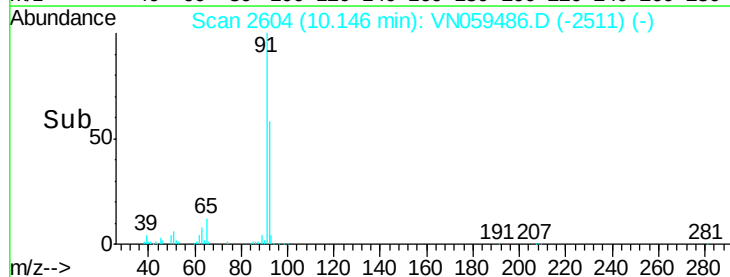
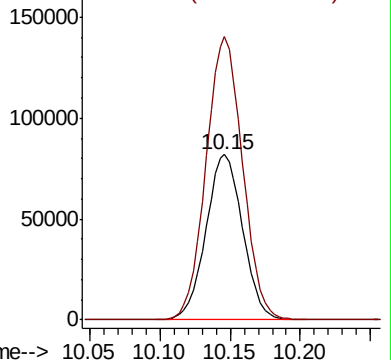
92 100

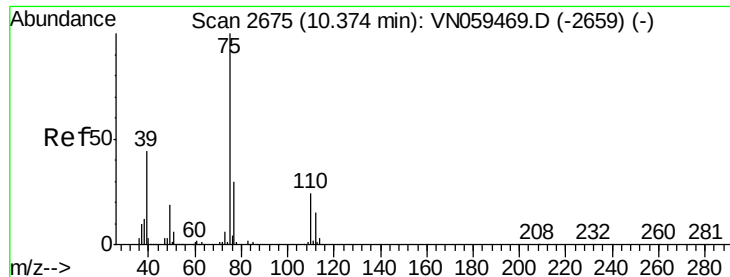
91 170.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.163 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 75 Resp: 94215

Ion Ratio Lower Upper

75 100

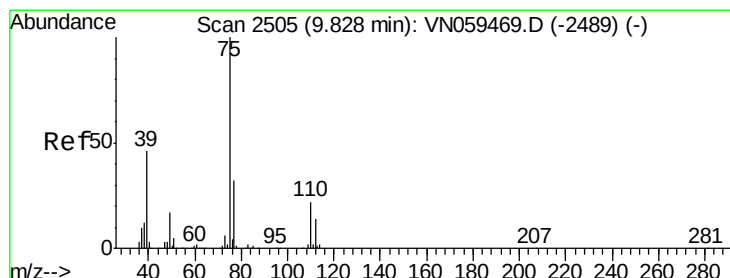
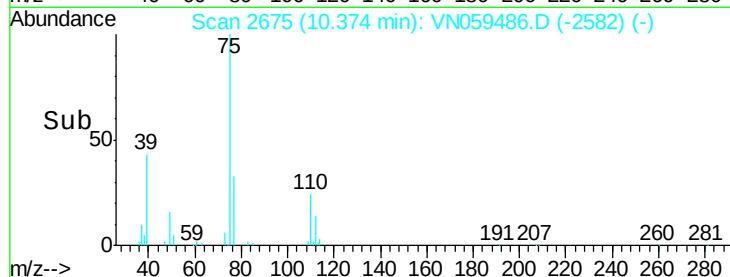
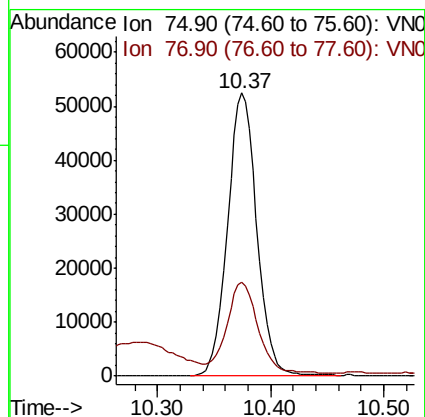
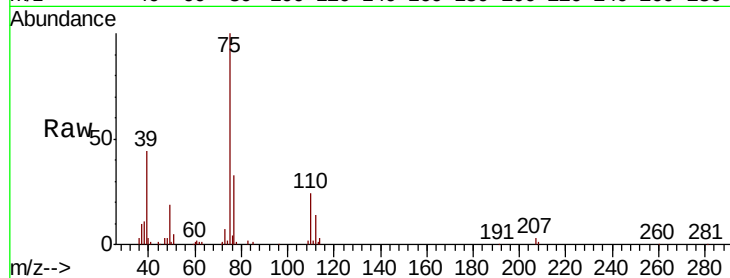
77 32.1 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 15.365 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

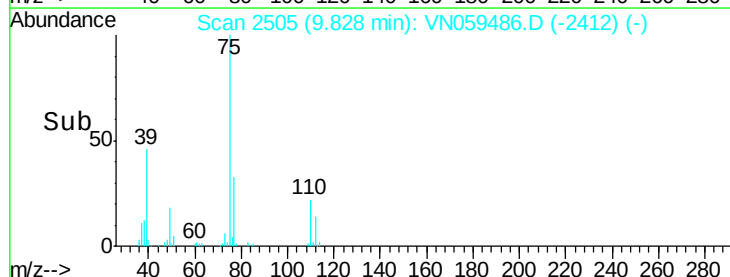
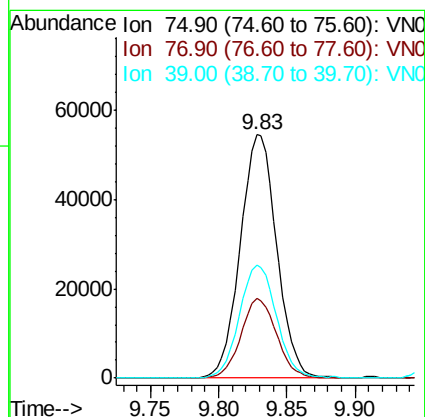
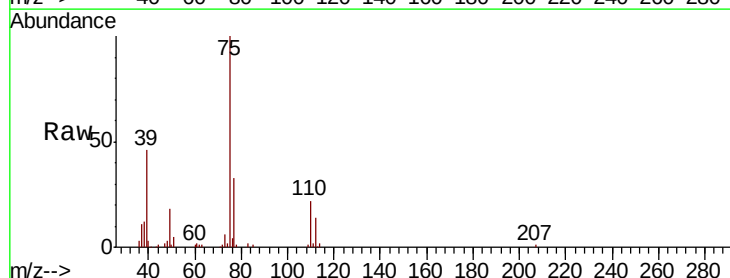
Tgt Ion: 75 Resp: 101190

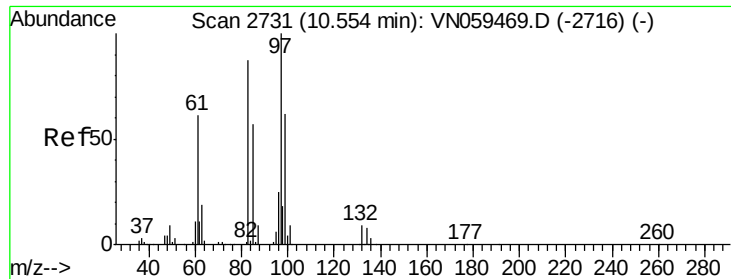
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

39 46.3 36.6 54.8





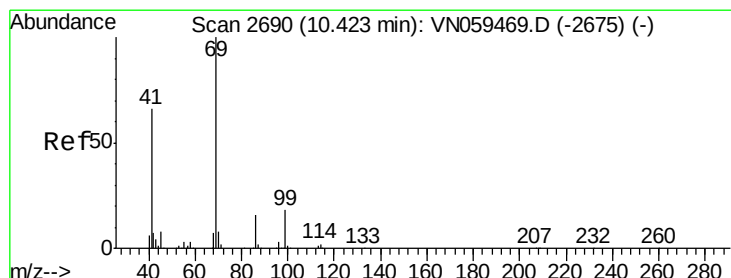
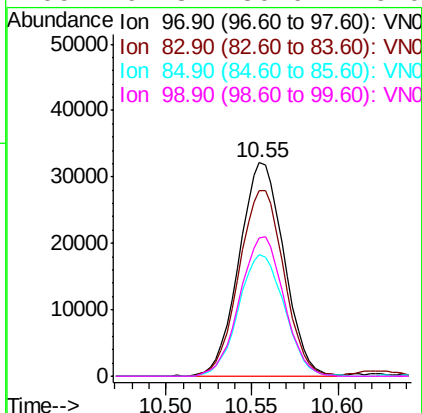
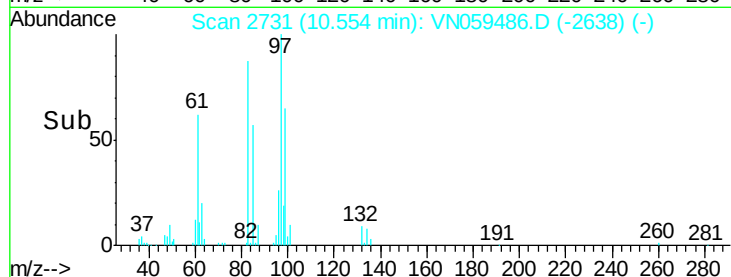
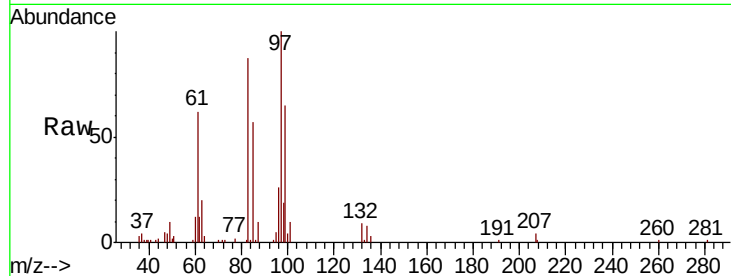
#55
1,1,2-Trichloroethane
Concen: 15.449 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion:	97	Resp:	58314
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	56.7	45.5	68.3
99	64.8	50.0	75.0

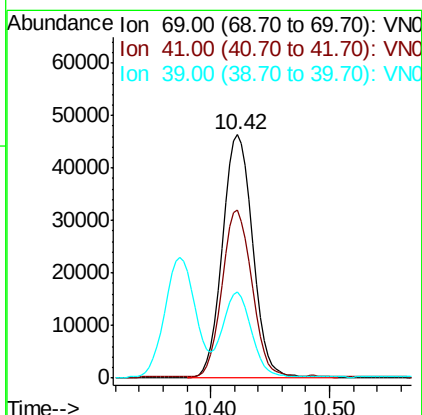
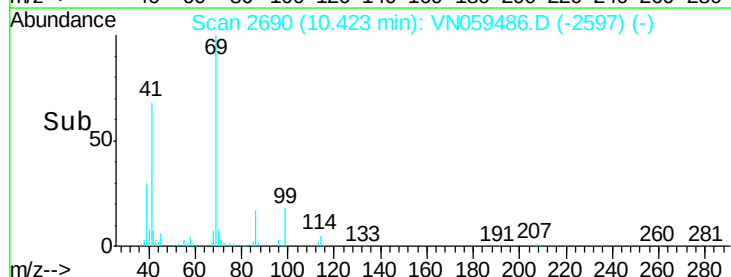
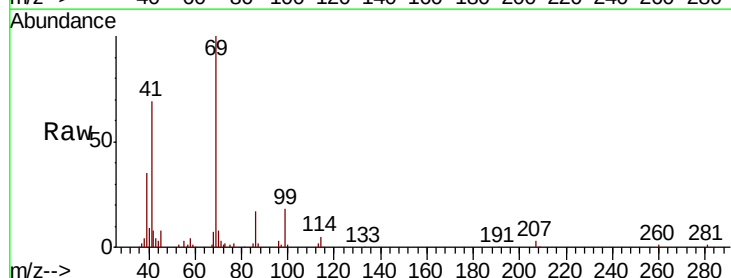
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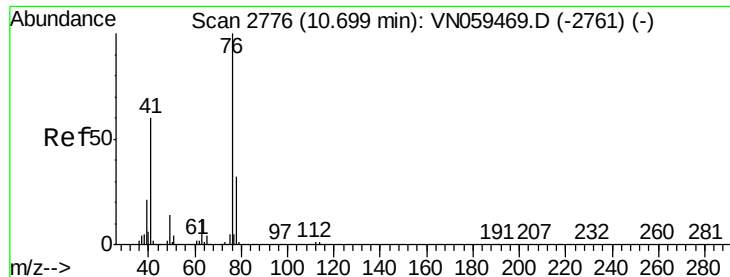
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#56
Ethyl methacrylate
Concen: 14.518 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion:	69	Resp:	82233
Ion	Ratio	Lower	Upper
69	100		
41	66.8	52.7	79.1
39	33.6	25.0	37.6





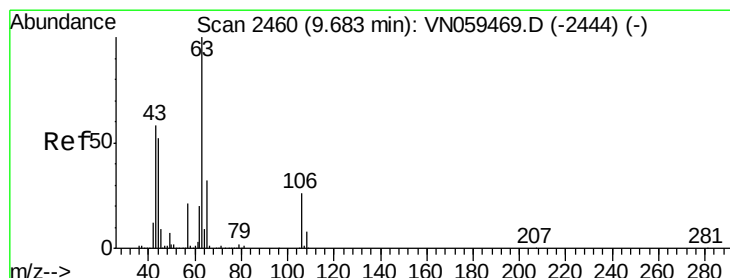
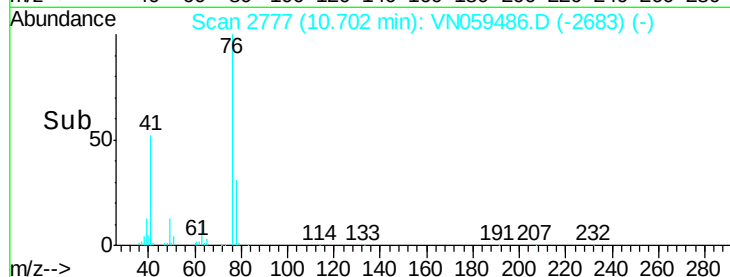
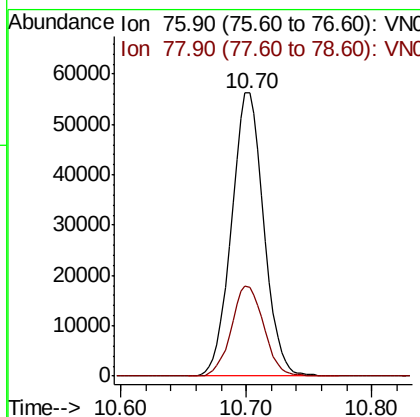
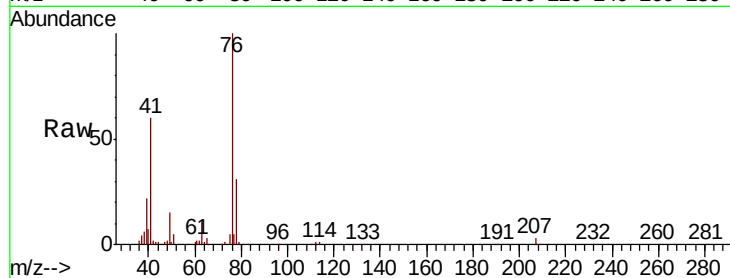
#57
 1,3-Dichloropropane
 Concen: 15.376 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion: 76 Resp: 100365
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

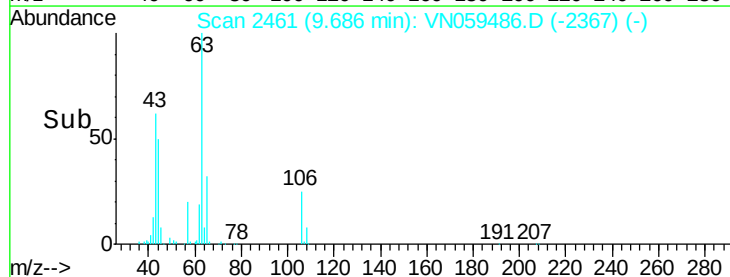
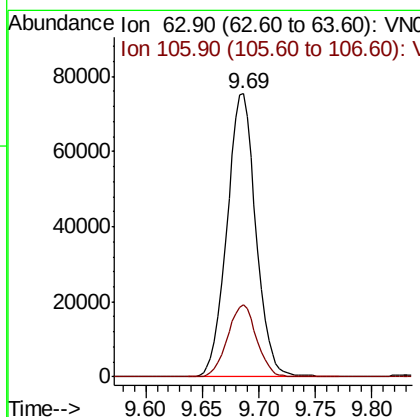
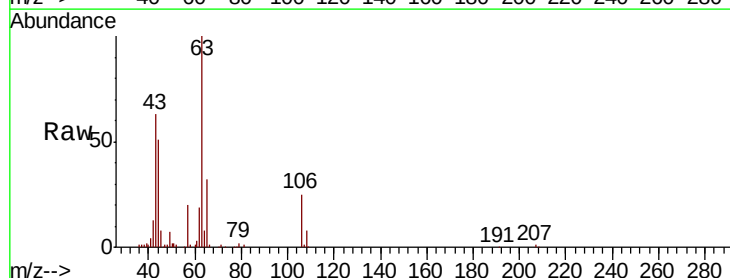
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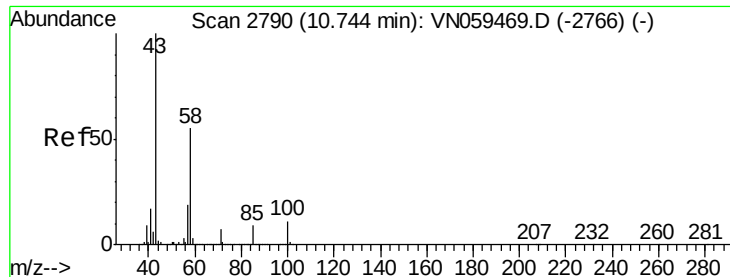
apatel
 12/5/2019 11:19:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.222 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion: 63 Resp: 134421
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.4 30.6





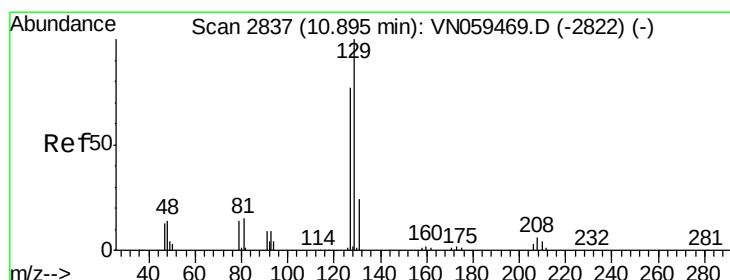
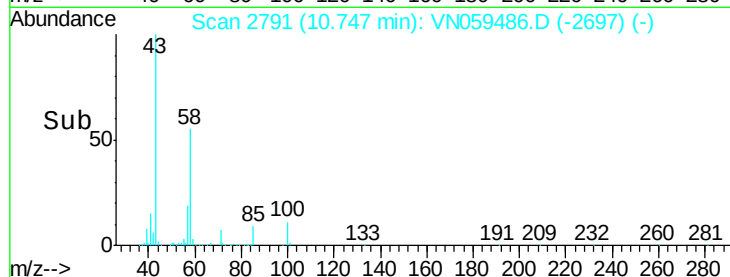
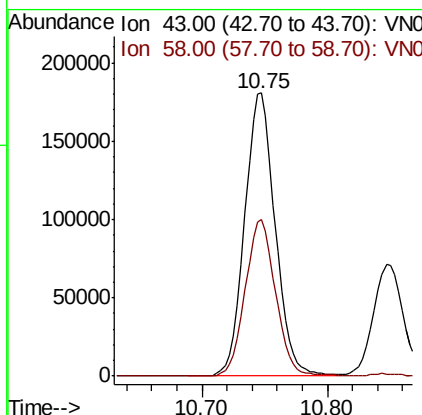
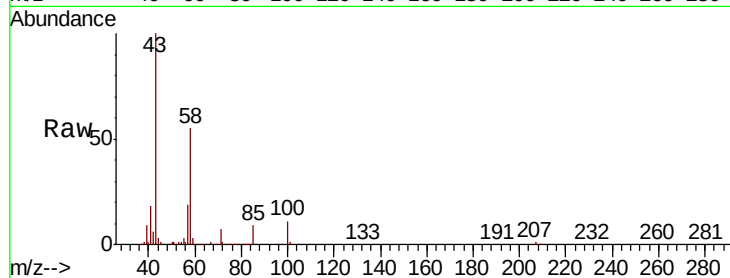
#59
2-Hexanone
Concen: 76.470 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion: 43 Resp: 306838
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.0

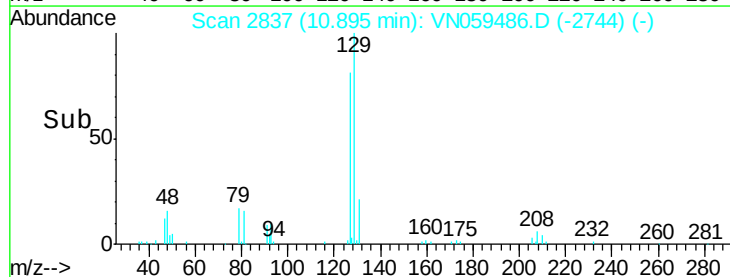
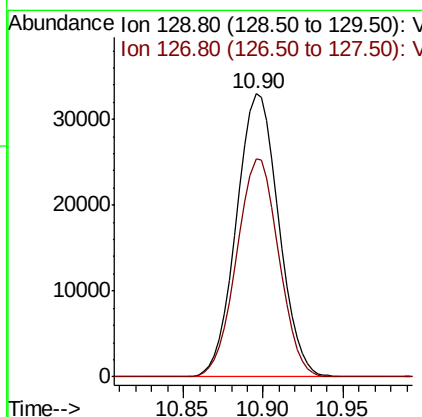
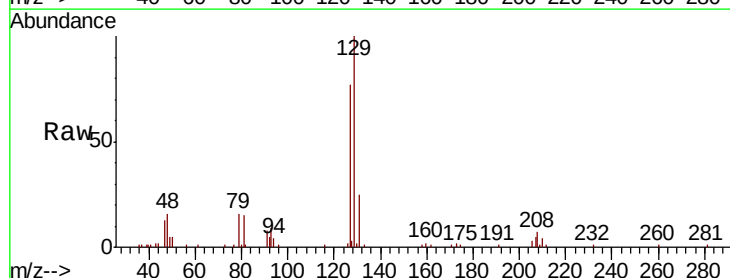
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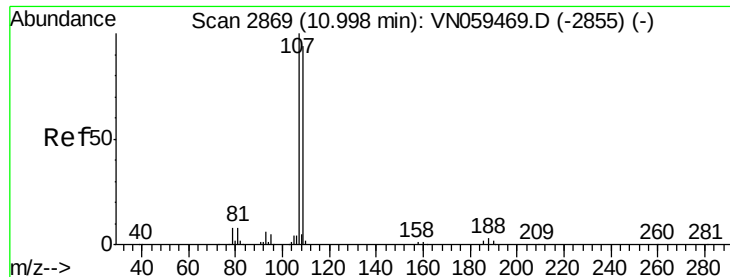
apatel
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#60
Dibromochloromethane
Concen: 14.757 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion: 129 Resp: 59476
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 15.180 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion: 107 Resp: 59209

Ion Ratio Lower Upper

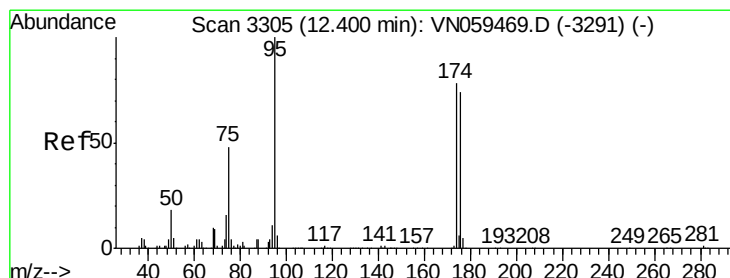
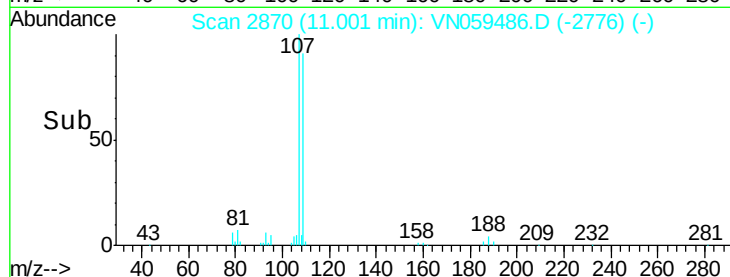
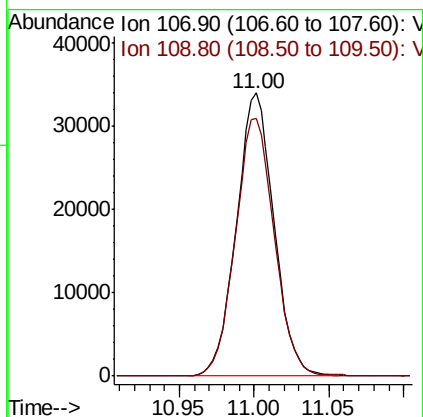
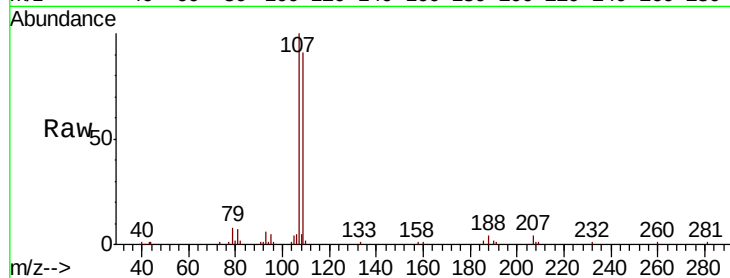
107 100

109 94.4 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 40.029 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

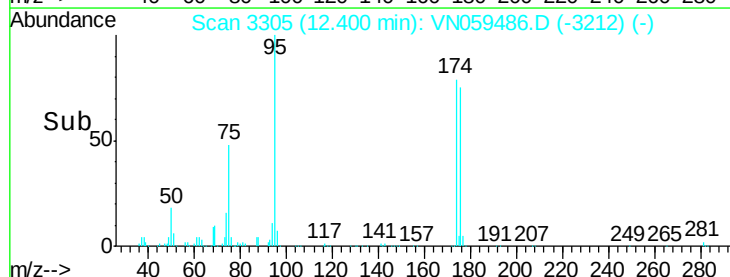
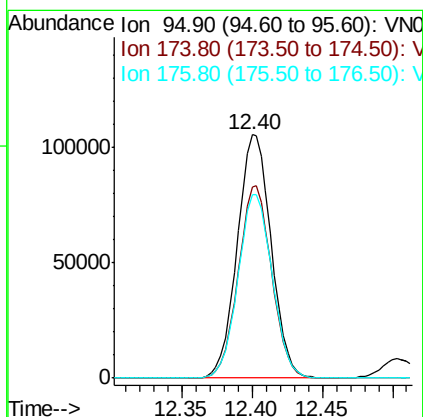
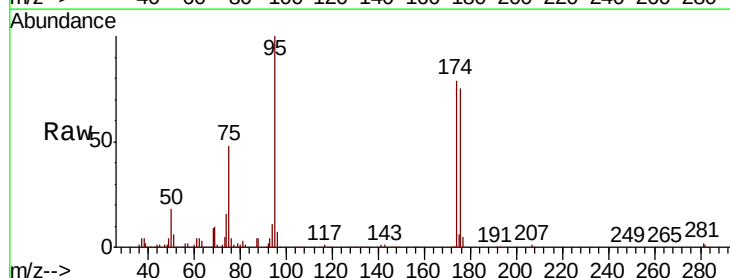
Tgt Ion: 95 Resp: 178353

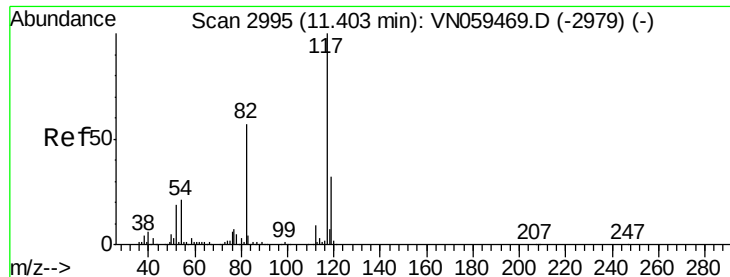
Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.0

176 75.8 0.0 152.4





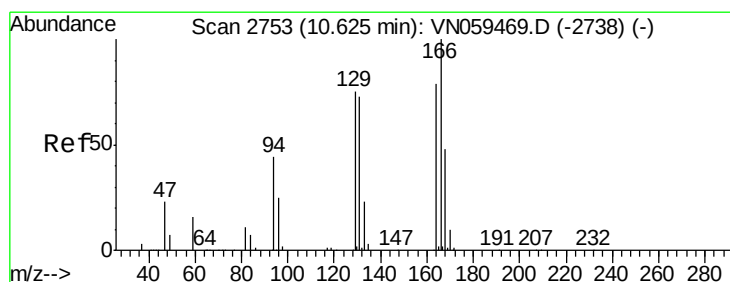
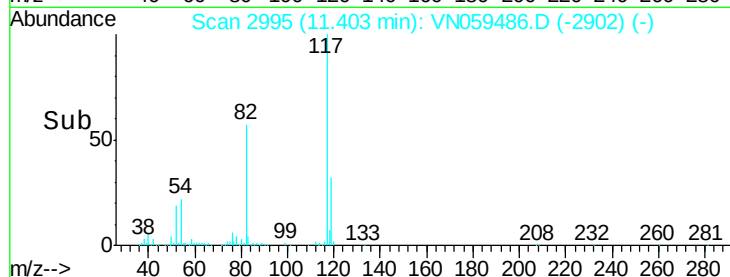
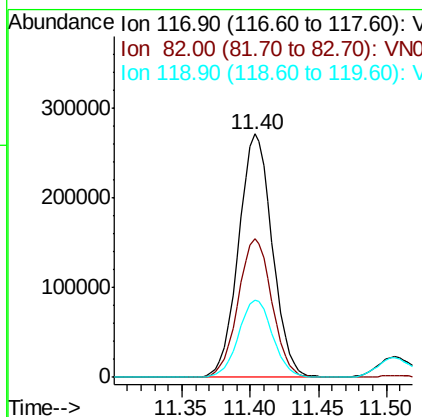
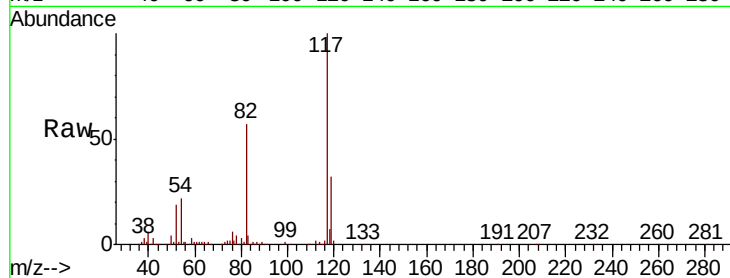
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.8
119	31.8	25.4	38.0

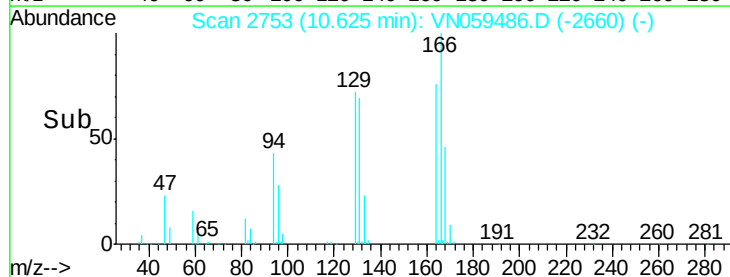
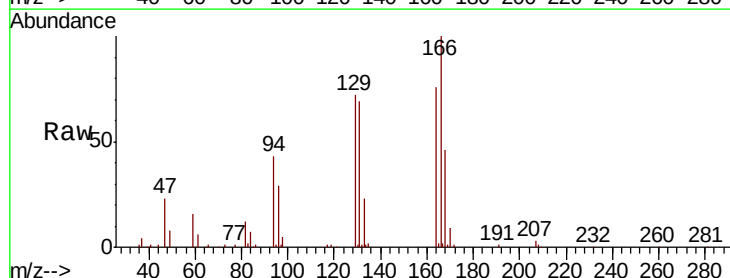
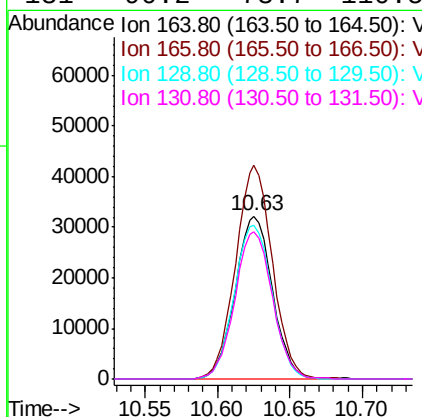
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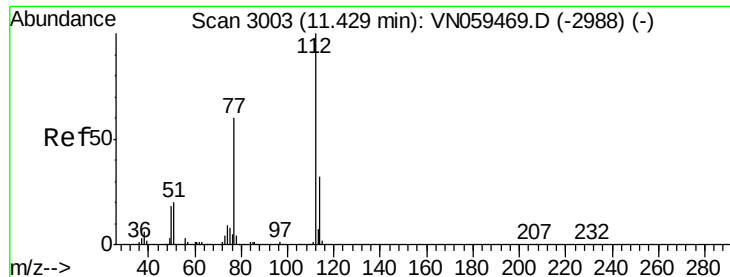
apatel
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#64
Tetrachloroethene
Concen: 14.559 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	101.2	151.8
129	94.7	76.1	114.1
131	90.2	73.7	110.5





#65

Chlorobenzene

Concen: 15.046 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion:112 Resp: 152809

Ion Ratio Lower Upper

112 100

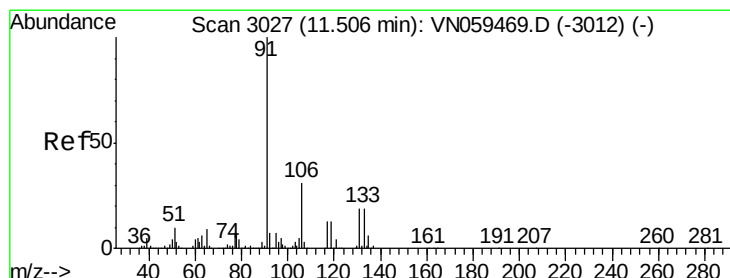
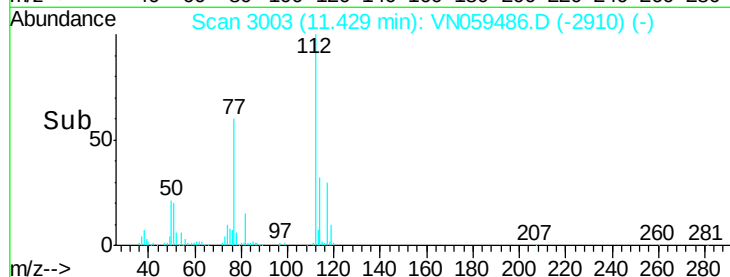
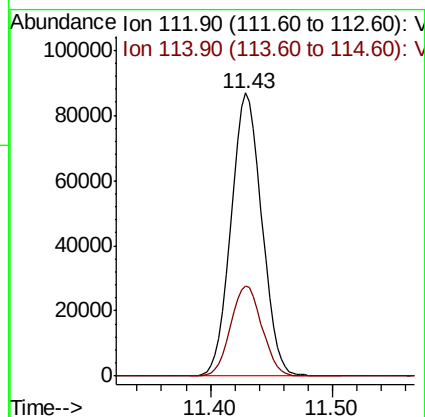
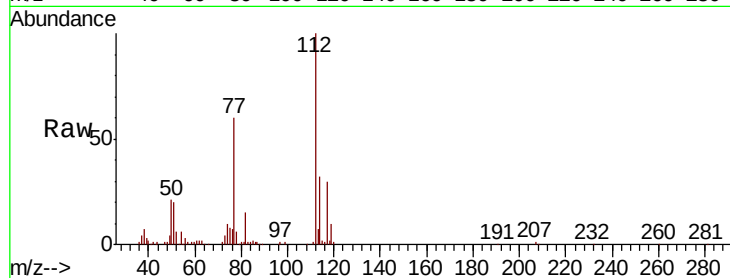
114 31.9 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 15.294 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

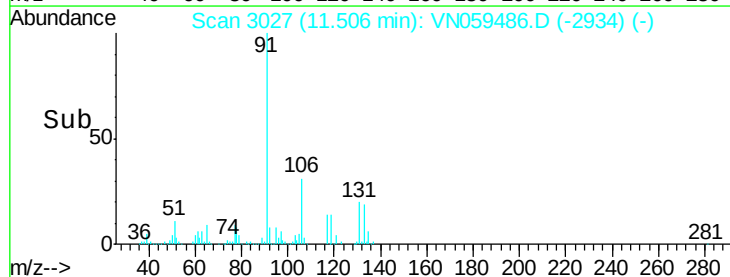
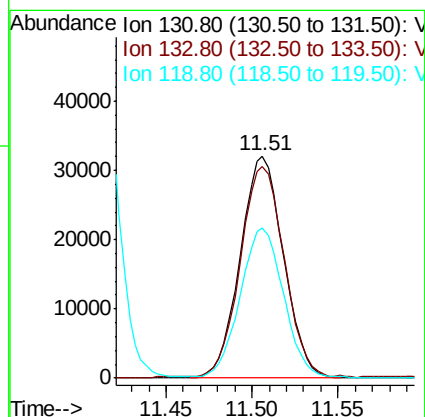
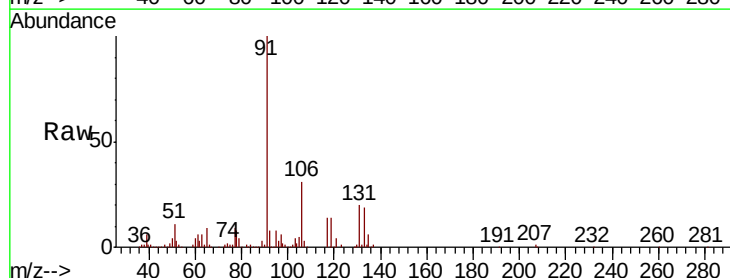
Tgt Ion:131 Resp: 55813

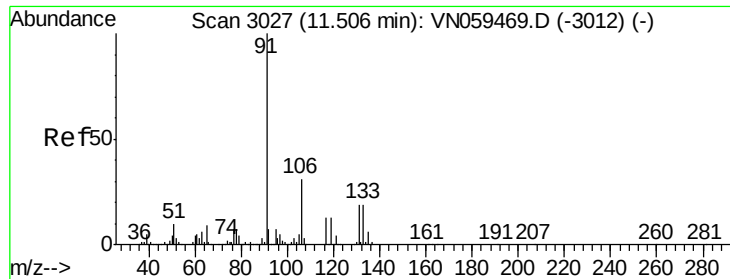
Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.0

119 68.3 33.9 101.6





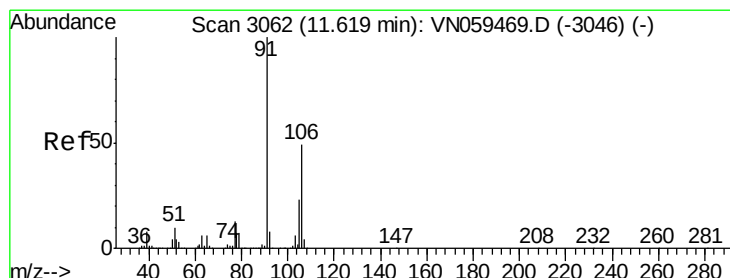
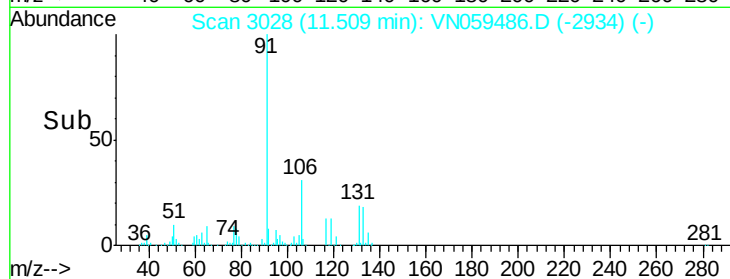
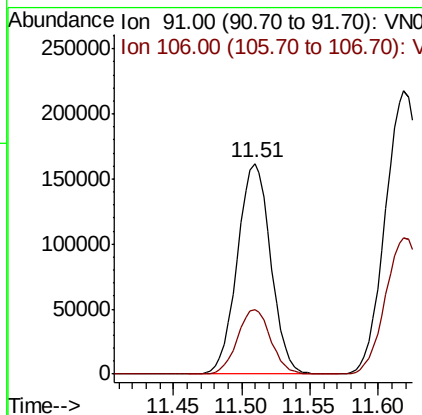
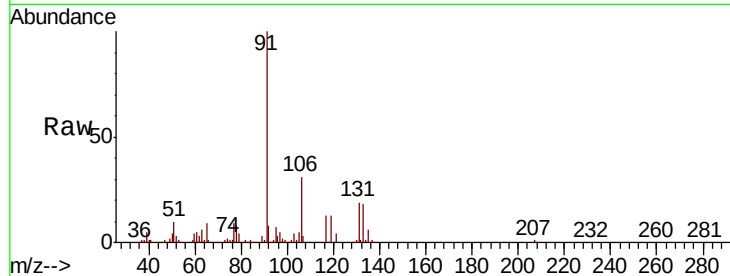
#67
Ethyl Benzene
Concen: 15.460 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion: 91 Resp: 275110
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

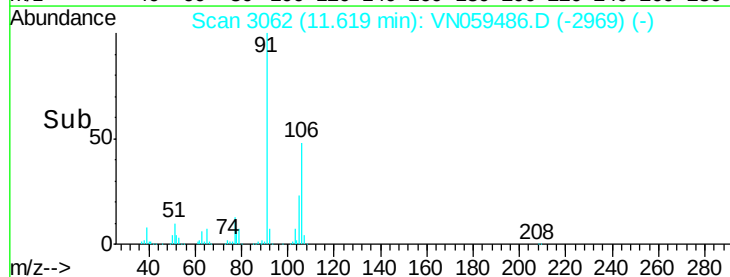
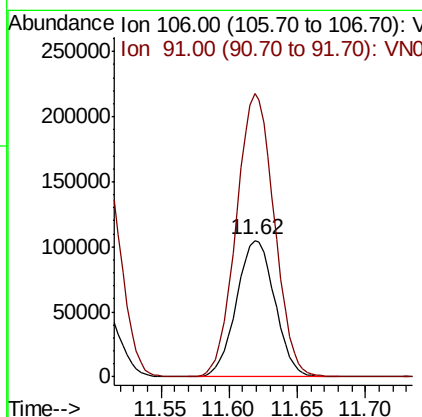
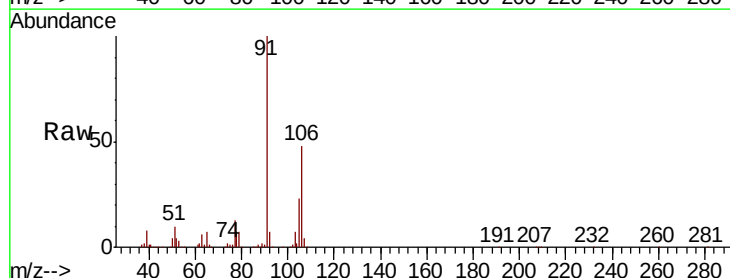
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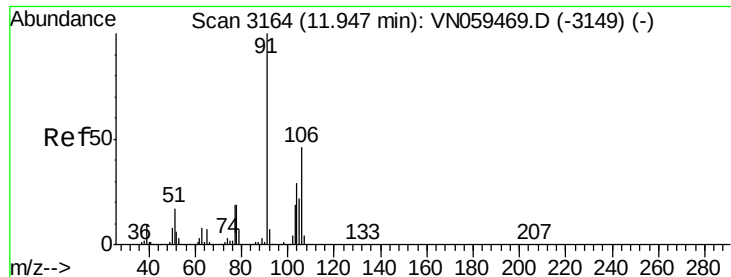
apatel
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#68
m/p-Xylenes
Concen: 30.898 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion: 106 Resp: 204726
Ion Ratio Lower Upper
106 100
91 205.2 162.2 243.4





#69

o-Xylene

Concen: 15.392 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204WBSD01

Tot Ion:106 Resp: 97093

Ion Ratio Lower Upper

106 100

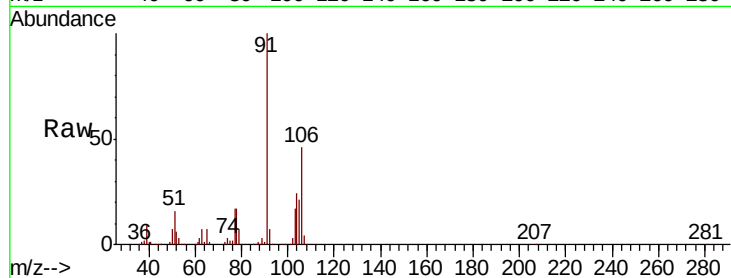
91 220.1 108.5 325.3

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

150000

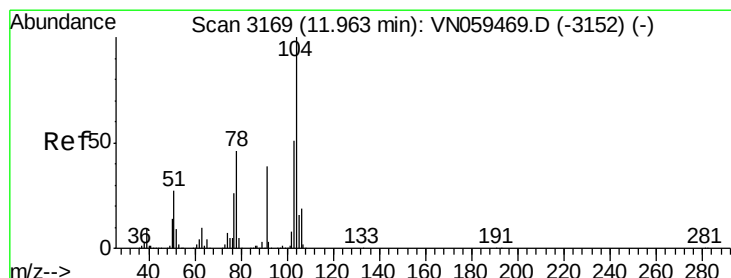
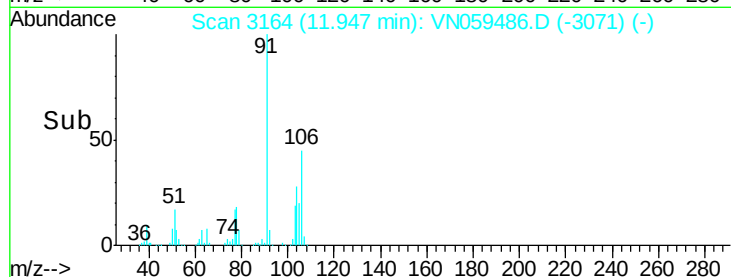
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#70

Styrene

Concen: 14.807 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

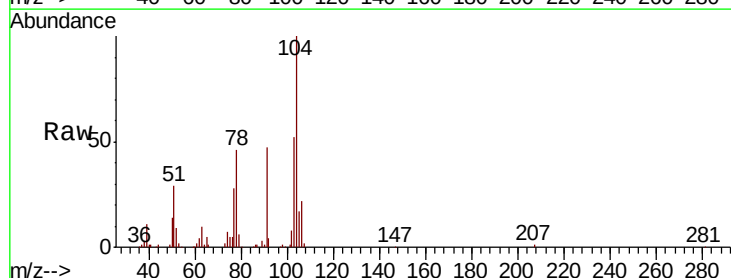
Tgt Ion:104 Resp: 149102

Ion Ratio Lower Upper

104 100

78 52.2 41.0 61.4

103 56.0 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

120000

100000

80000

60000

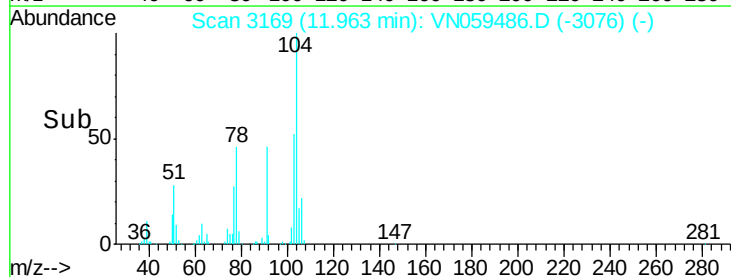
40000

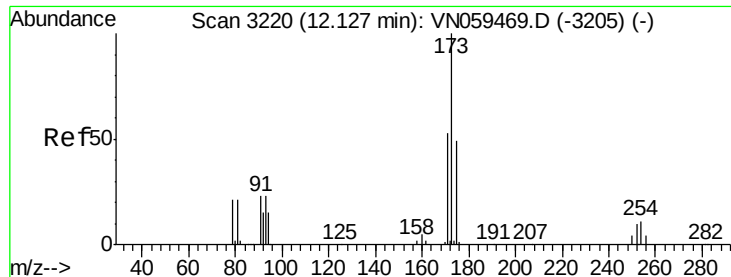
20000

0

11.90 11.95 12.00 12.05

Time-->





#71

Bromoform

Concen: 14.635 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

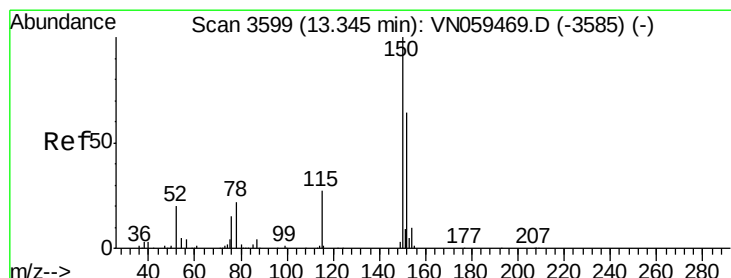
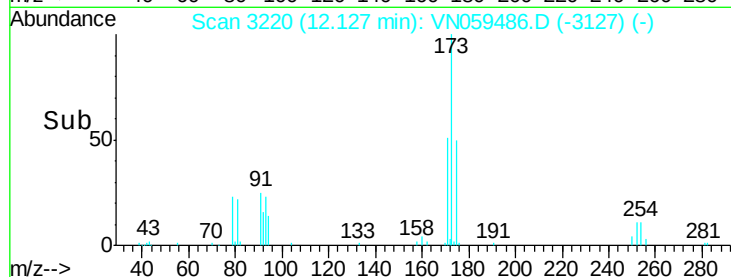
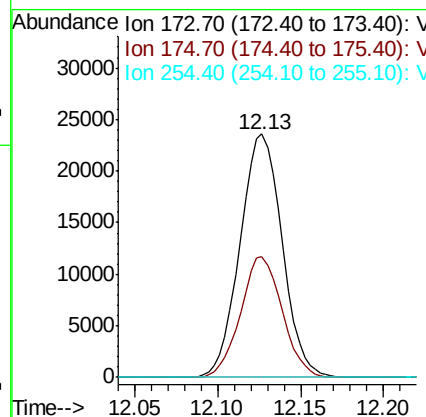
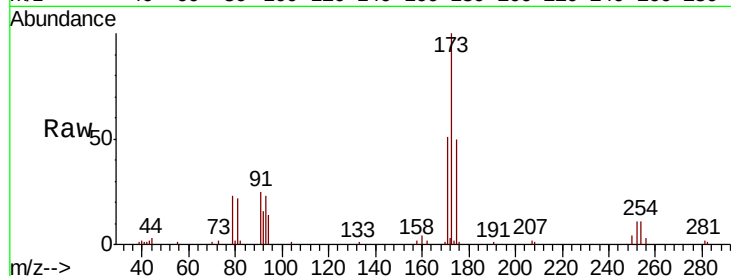
ClientSampleId :

VN1204WBSD01

Tot Ion:	173	Resp:	41629
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.3	73.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

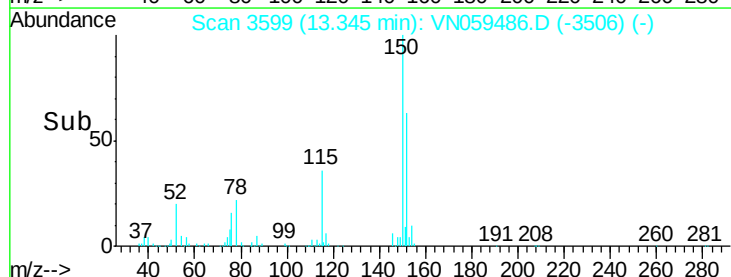
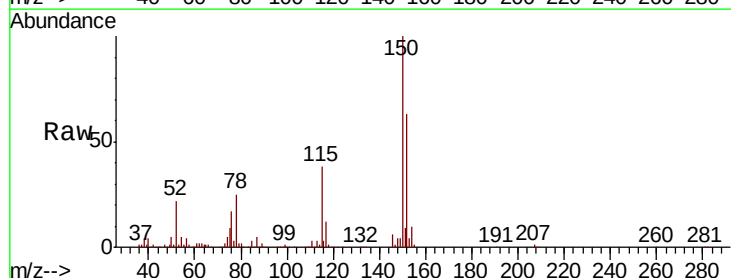
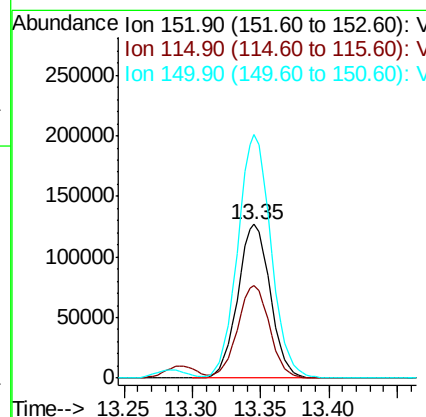
RT: 13.35 min Scan# 3599

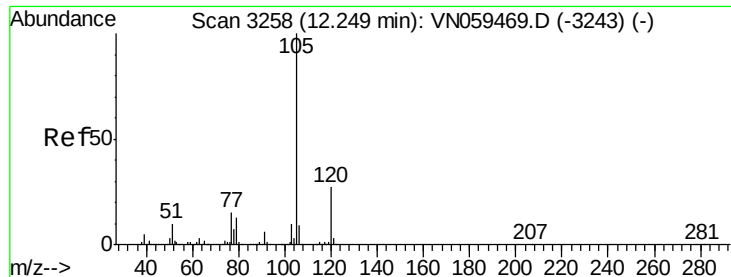
Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	152	Resp:	209910
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.2	87.6
150	161.7	0.0	352.8





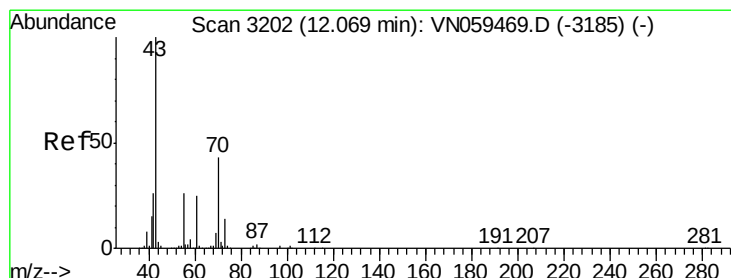
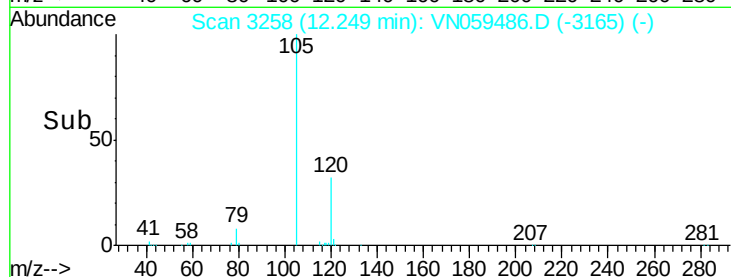
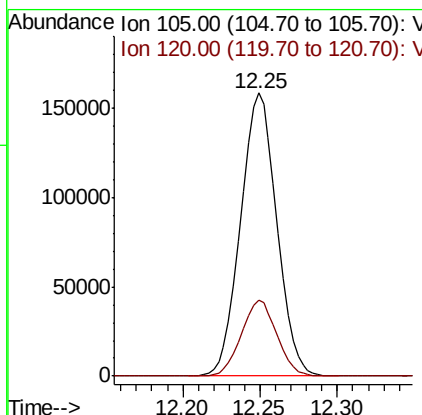
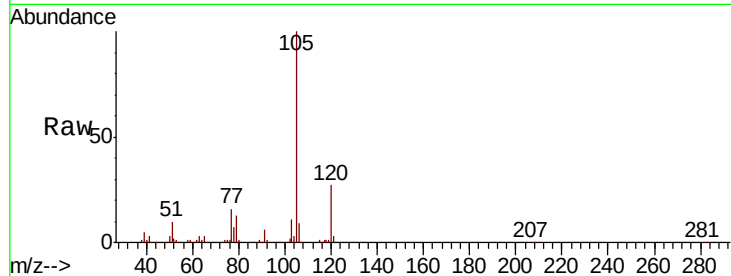
#73
Isopropylbenzene
Concen: 15.335 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampled :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

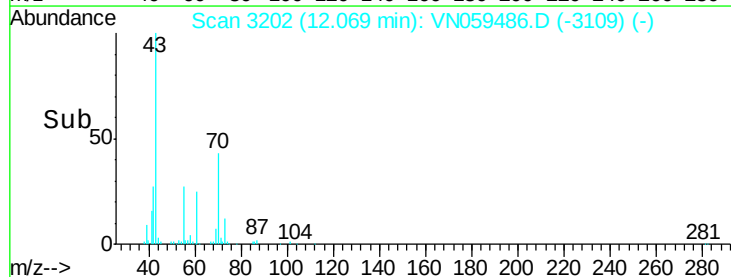
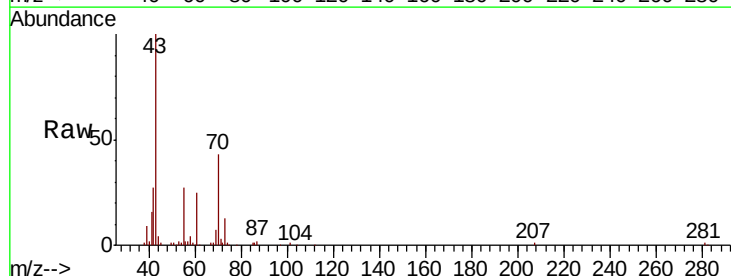
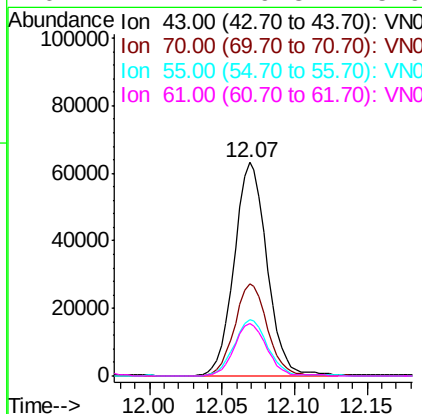
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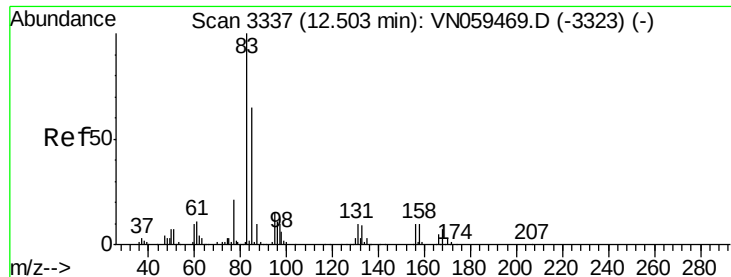
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#74
N-ethyl acetate
Concen: 14.538 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.8	34.2	51.2
55	27.2	20.6	31.0
61	24.4	19.3	28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 15.947 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

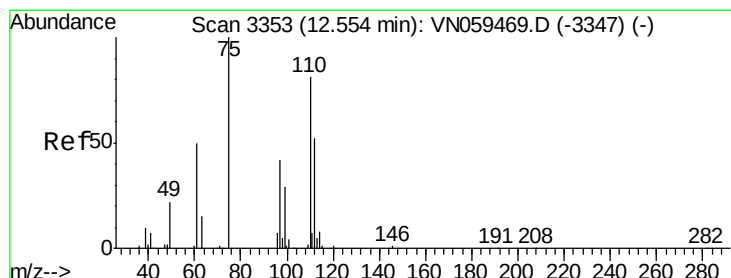
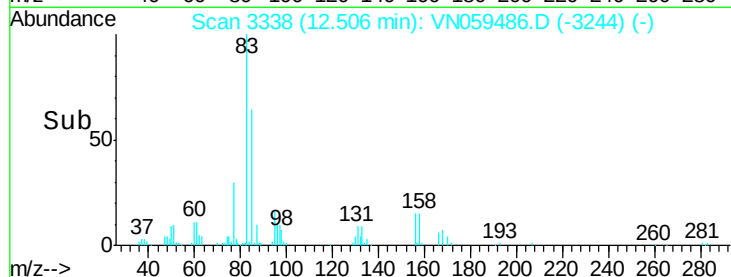
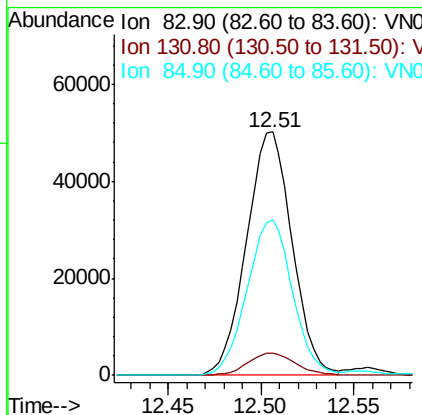
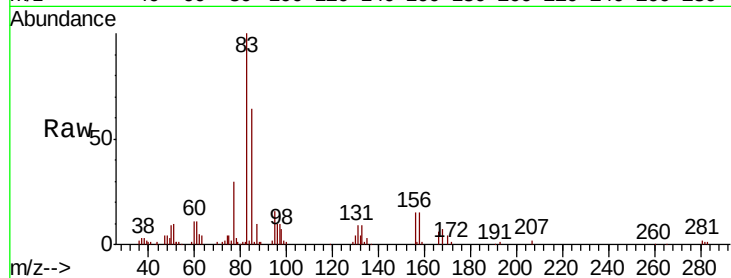
ClientSampled :

VN1204WBSD01

Tot Ion:	83	Resp:	86111
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.7
85	63.6	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 14.987 ug/l m

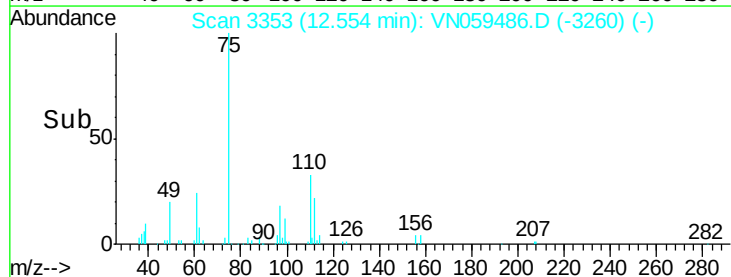
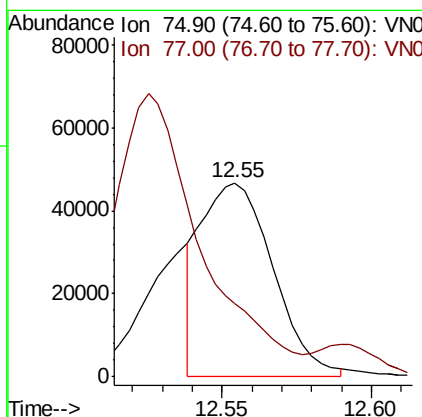
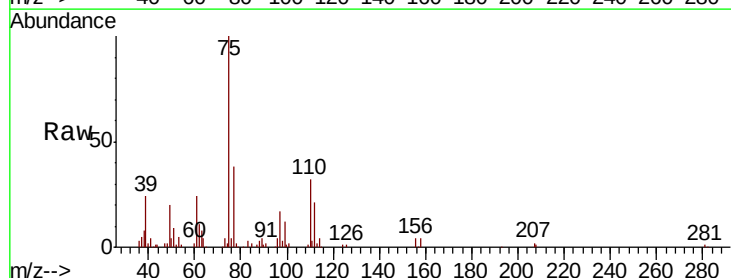
RT: 12.55 min Scan# 3353

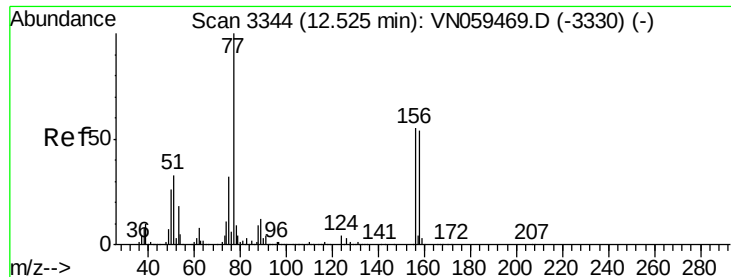
Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	75	Resp:	78220
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 14.966 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

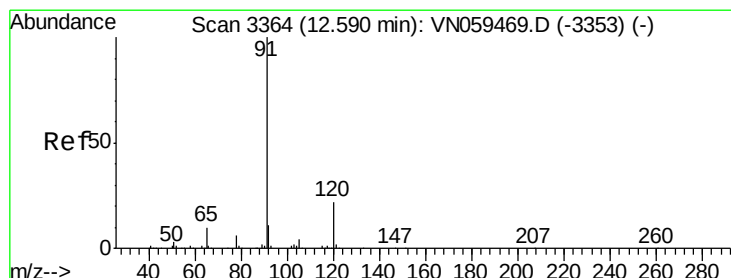
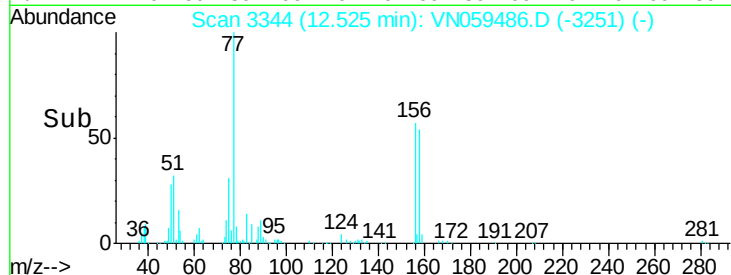
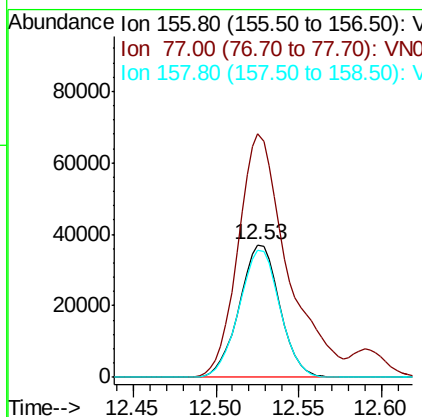
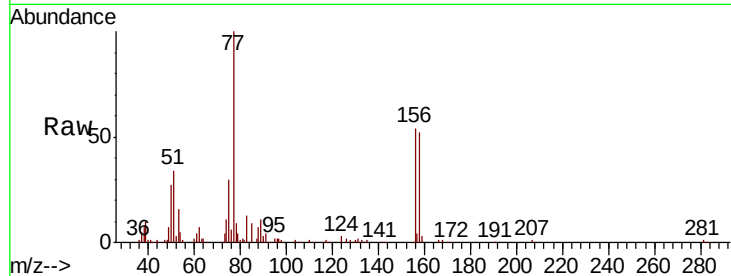
ClientSampleId :

VN1204WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	224.1	110.3	331.0	
158	96.9	48.5	145.5	

Manual Integrations
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#78

n-propylbenzene

Concen: 15.277 ug/l

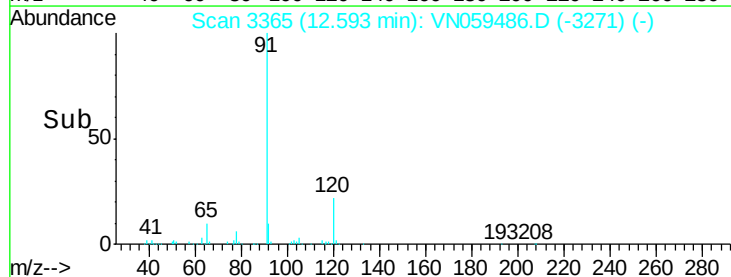
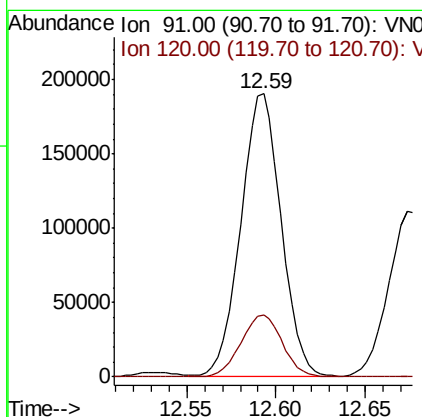
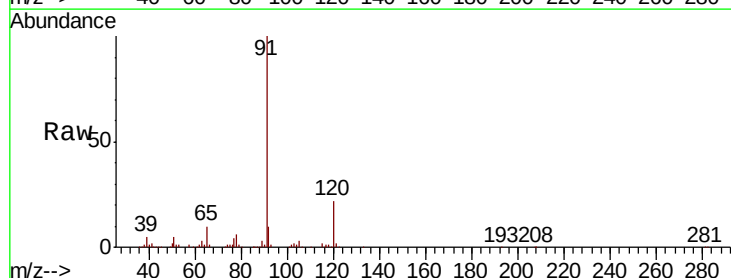
RT: 12.59 min Scan# 3365

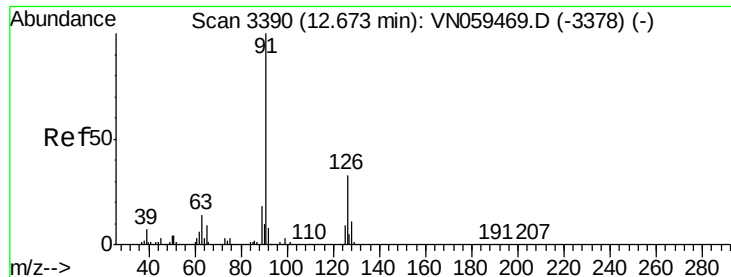
Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.3	33.9	





#79

2-Chlorotoluene

Concen: 15.231 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

ClientSampled :

VN1204WBSD01

Tot Ion: 91 Resp: 179865

Ion Ratio Lower Upper

91 100

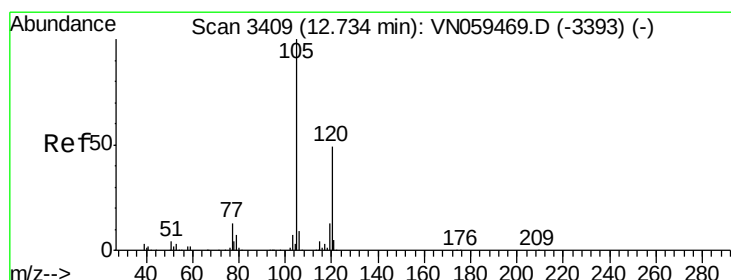
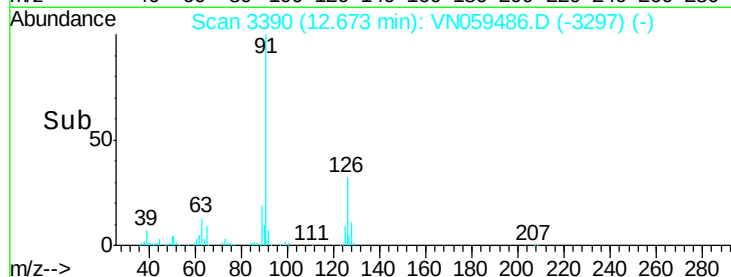
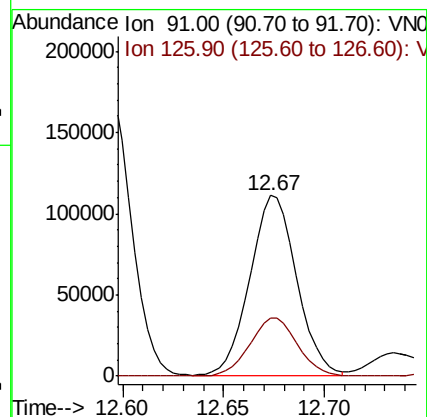
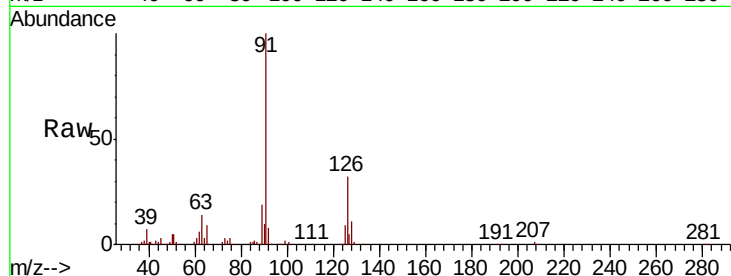
126 33.2 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 15.485 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059486.D

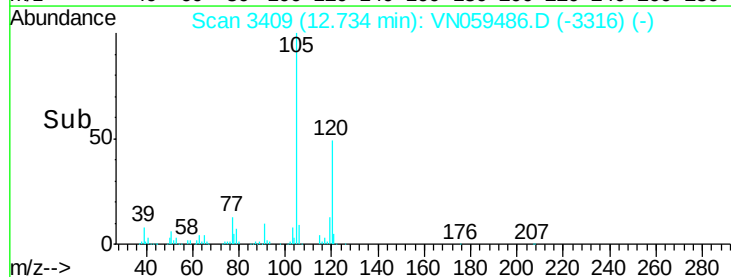
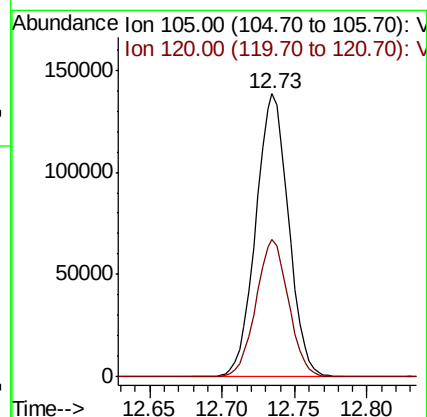
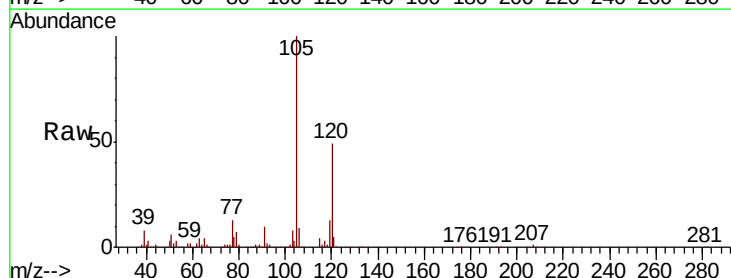
Acq: 4 Dec 2019 14:52

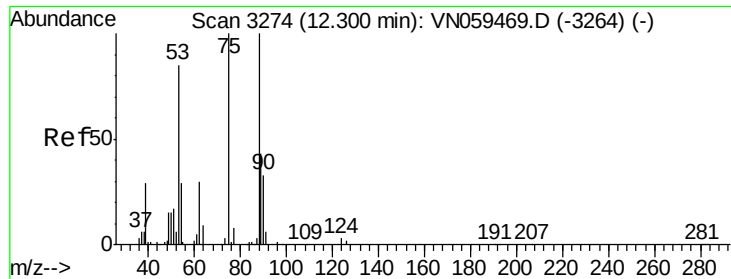
Tgt Ion: 105 Resp: 217845

Ion Ratio Lower Upper

105 100

120 48.2 24.3 73.0





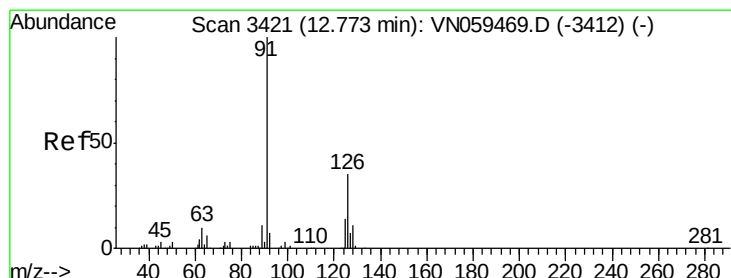
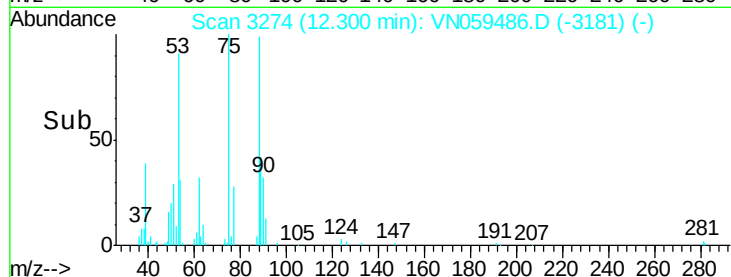
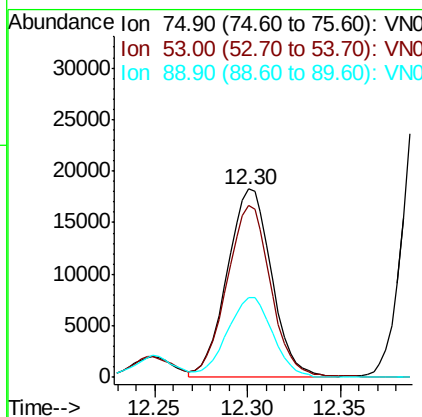
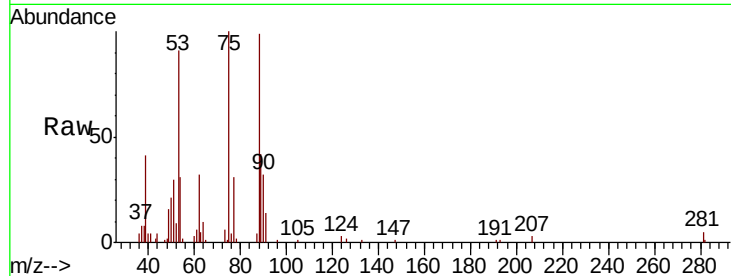
#81
trans-1,4-Dichloro-2-butene
Concen: 15.308 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.2	69.8	104.6
89	43.4	35.2	52.8

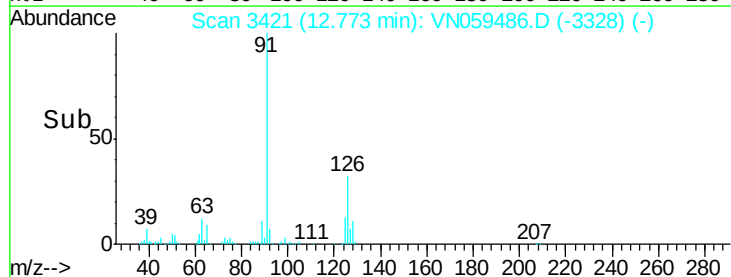
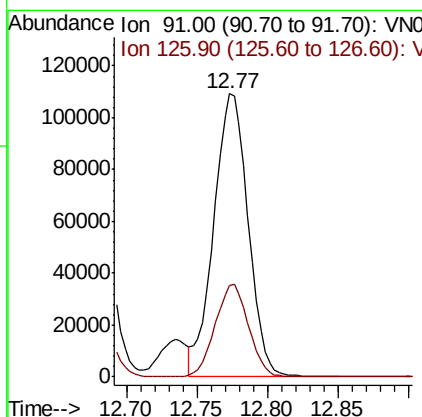
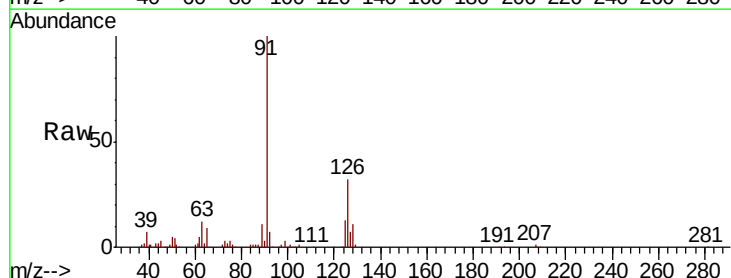
Manual Integrations
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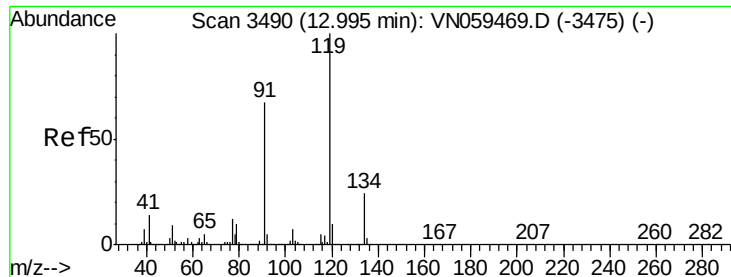
apatel
12/5/2019 11:19:47 AM



#82
4-Chlorotoluene
Concen: 15.111 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.4	49.2





#83

tert-Butylbenzene

Concen: 15.180 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

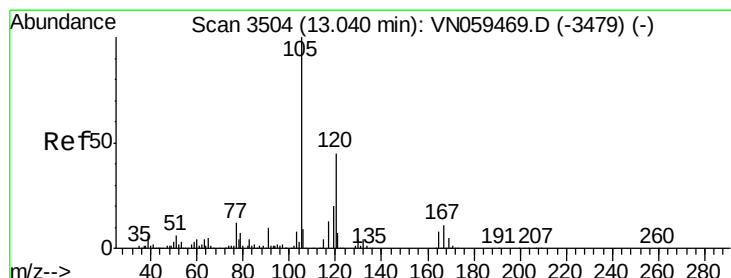
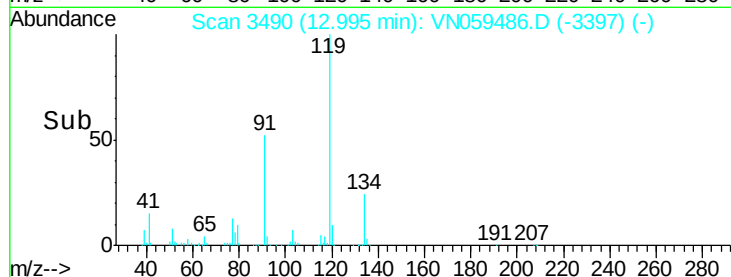
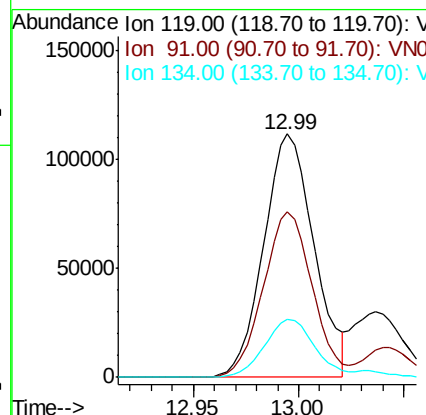
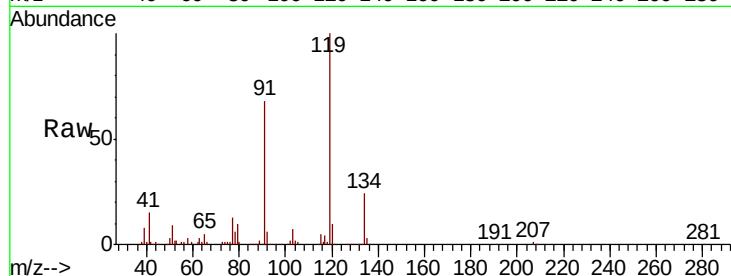
ClientSampleId :

VN1204WBSD01

Tot Ion:	119	Resp:	185401
Ion Ratio	Lower	Upper	
119	100		
91	66.1	32.6	97.7
134	25.6	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 15.421 ug/l

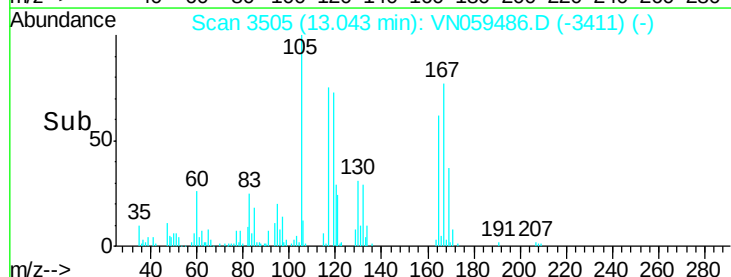
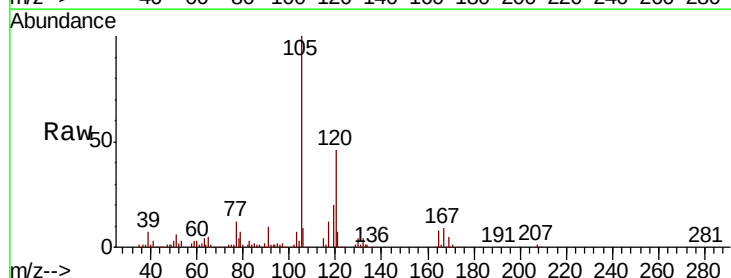
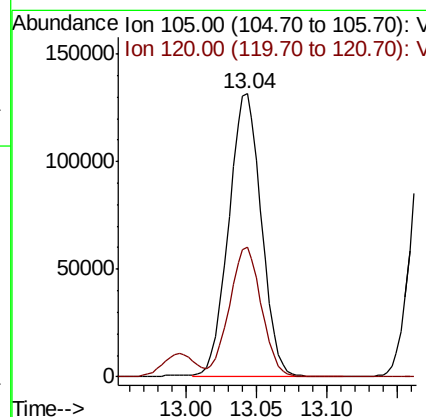
RT: 13.04 min Scan# 3505

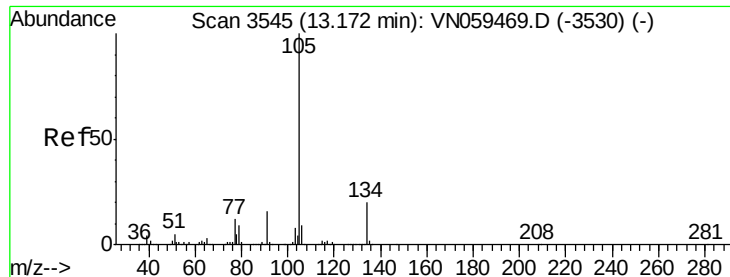
Delta R.T. 0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion:	105	Resp:	212016
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 15.189 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Instrument :

MSVOA_N

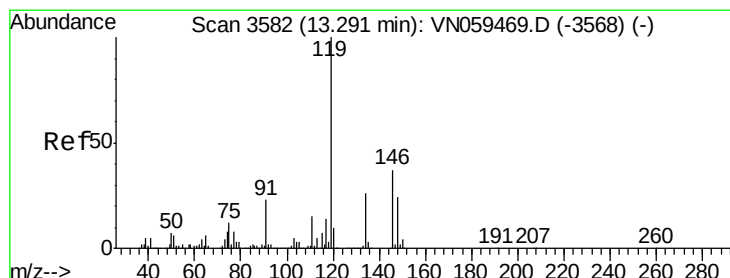
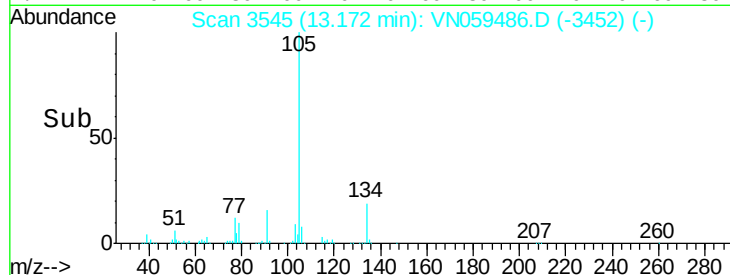
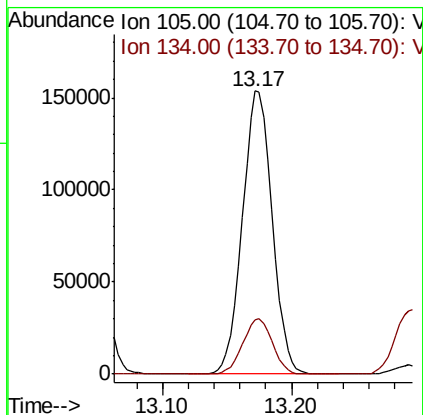
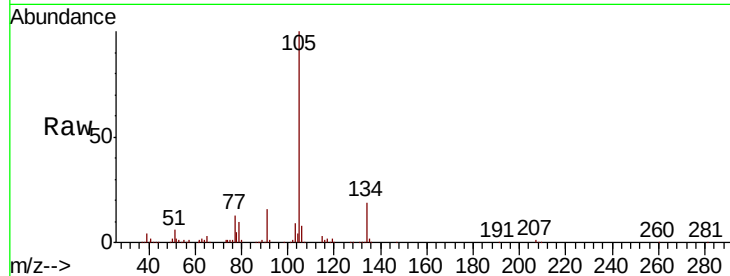
ClientSampled :

VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 14.993 ug/l

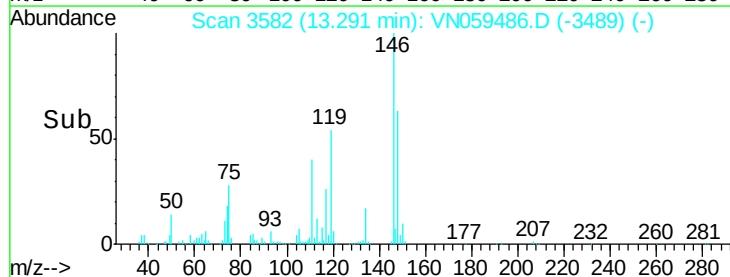
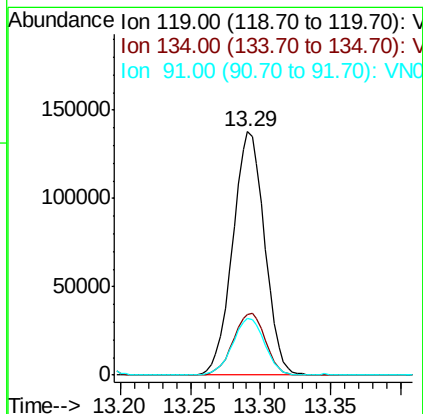
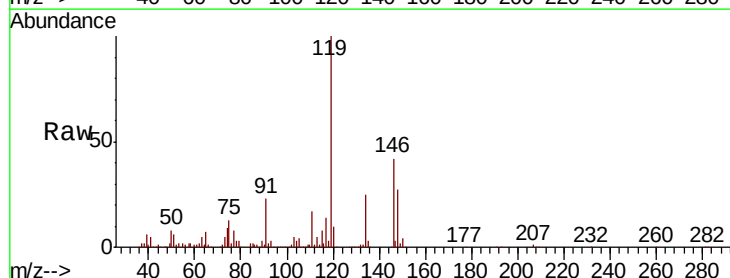
RT: 13.29 min Scan# 3582

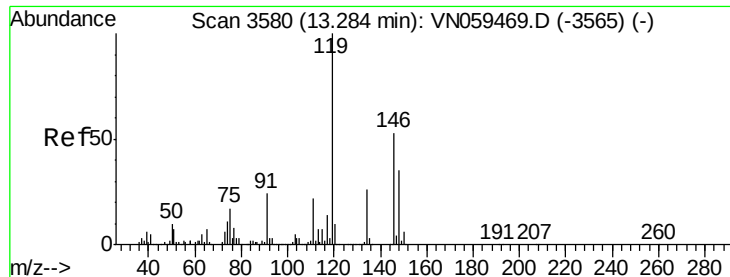
Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	23.7	11.7	35.1





#87

1,3-Dichlorobenzene

Concen: 14.990 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059486.D

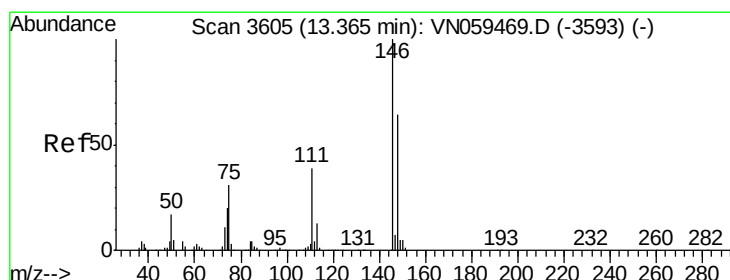
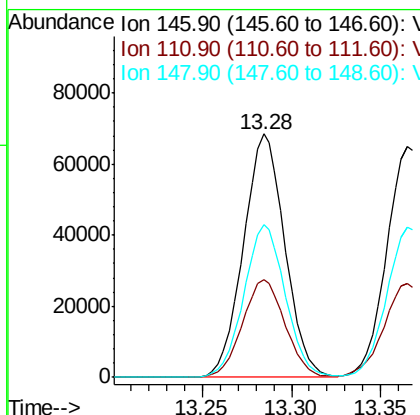
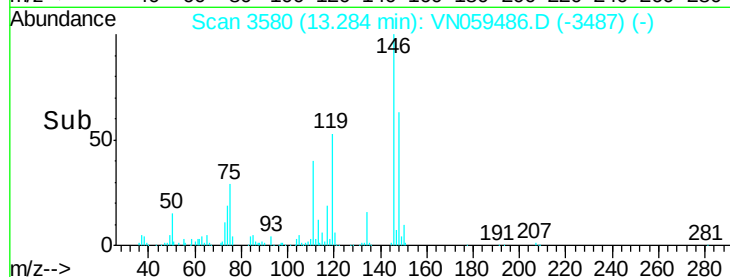
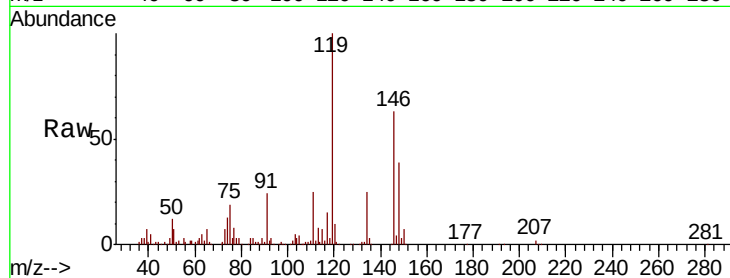
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampled :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	62.7	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 14.371 ug/l

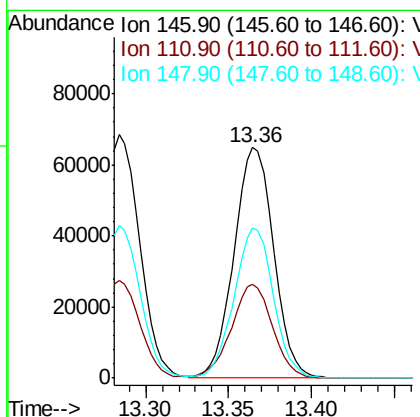
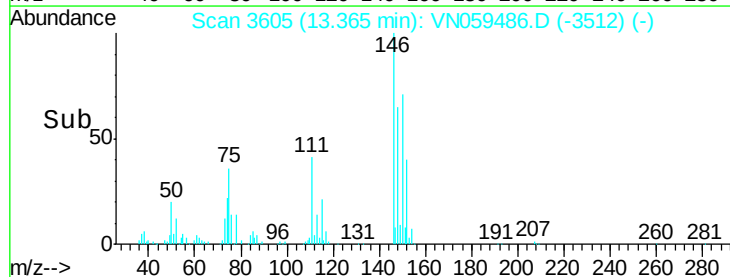
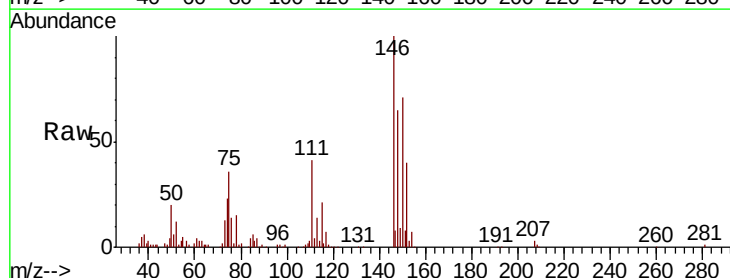
RT: 13.36 min Scan# 3605

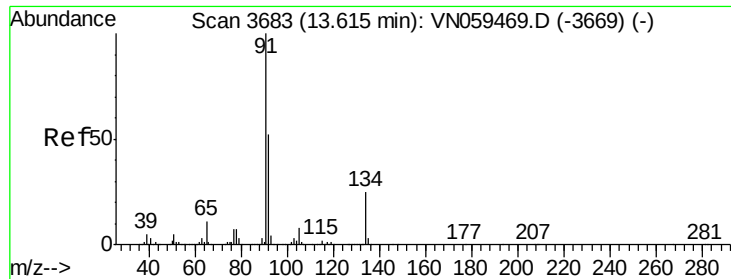
Delta R.T. -0.00 min

Lab File: VN059486.D

Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.8	59.3
148	65.2	32.0	96.0





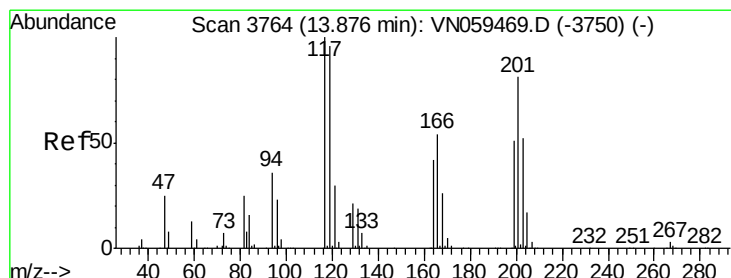
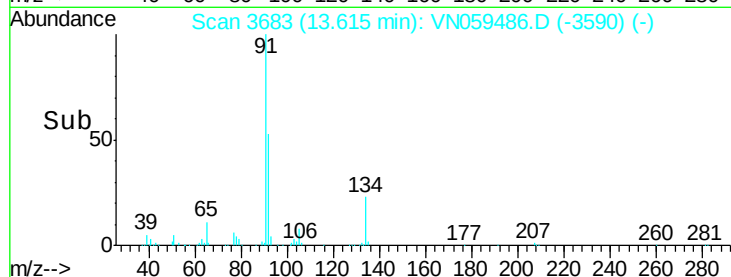
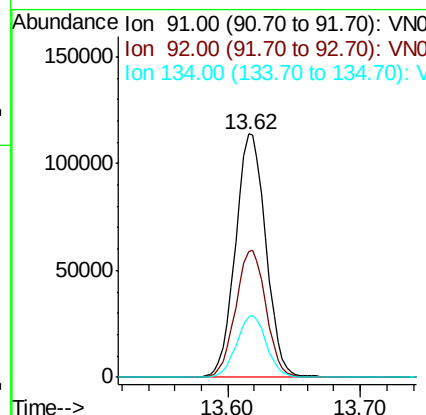
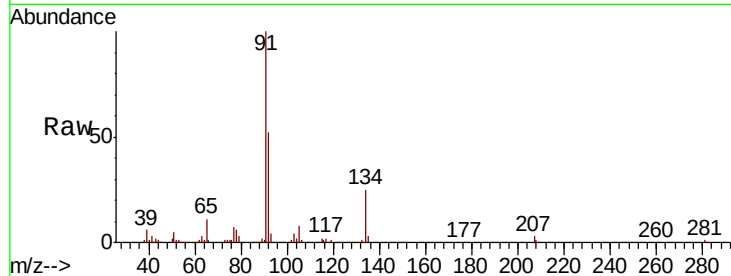
#89
n-Butylbenzene
Concen: 13.961 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.8
134	25.0	12.6	37.6

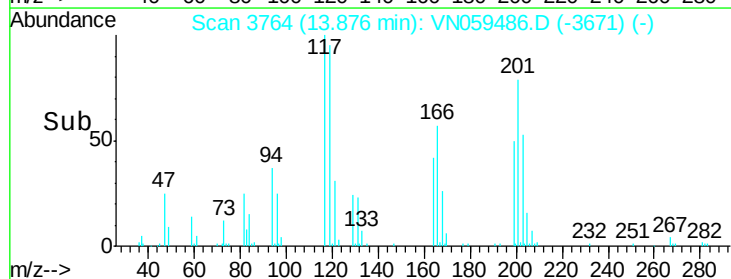
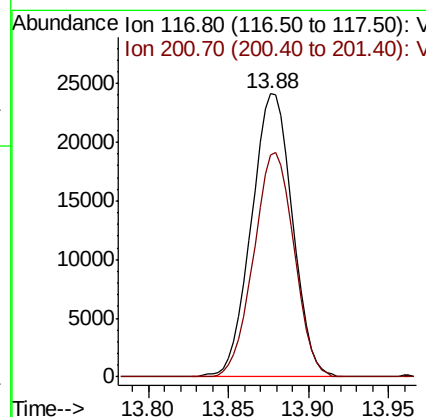
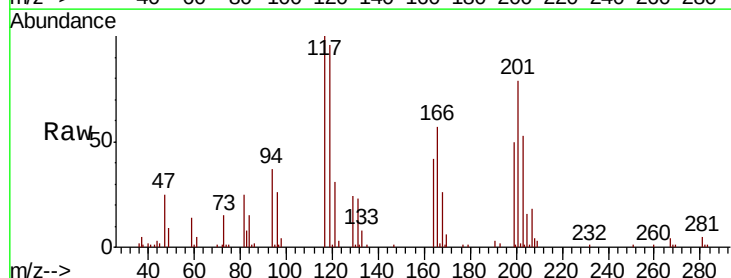
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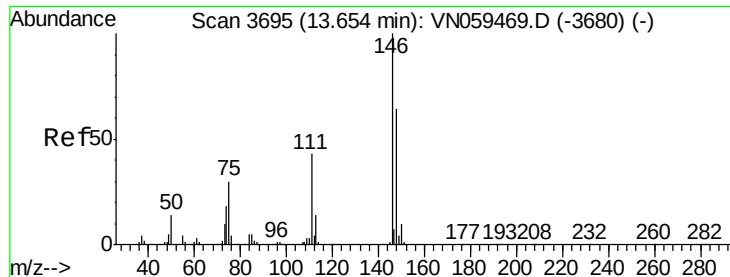
apatel
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#90
Hexachloroethane
Concen: 15.232 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	40.6	122.0





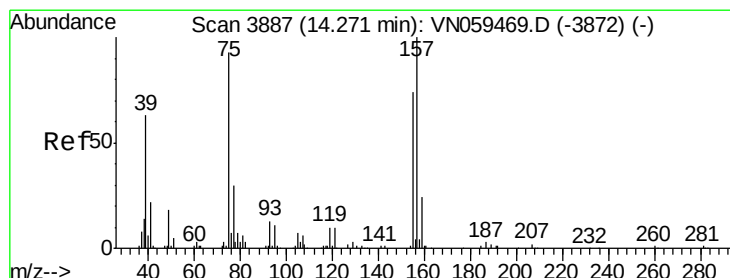
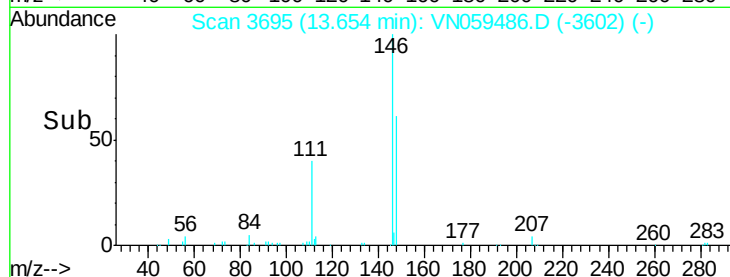
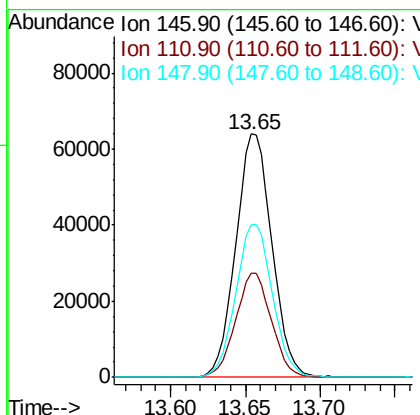
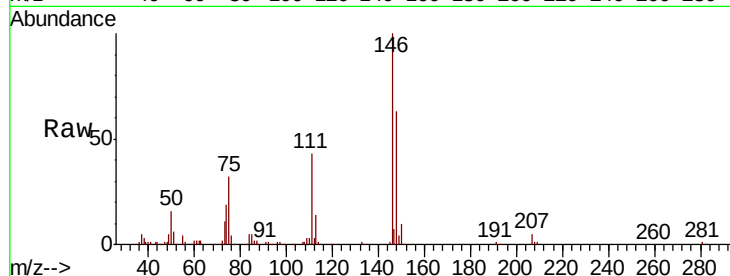
#91
 1,2-Dichlorobenzene
 Concen: 15.161 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	63.7	32.2	96.6

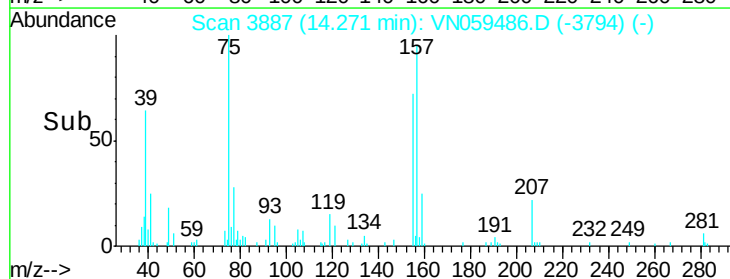
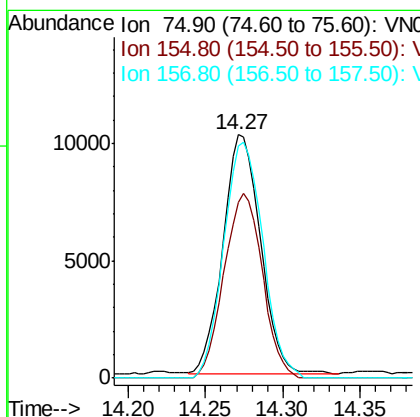
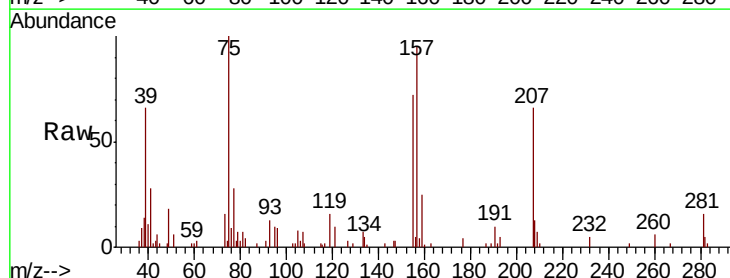
Manual Integrations
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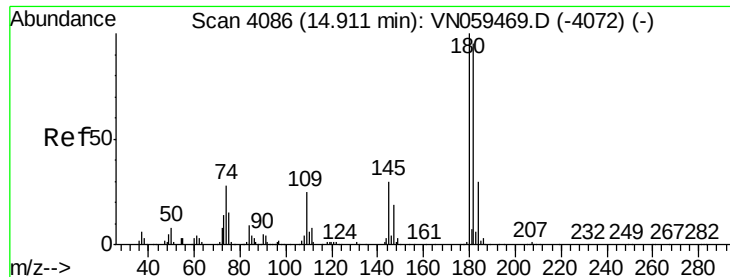
apatel
 12/5/2019 11:19:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.318 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	40.6	122.0
157	103.1	52.9	158.7





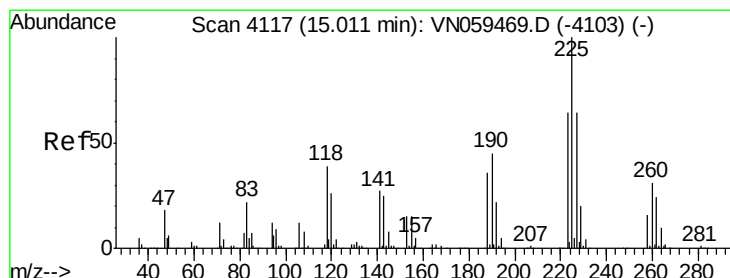
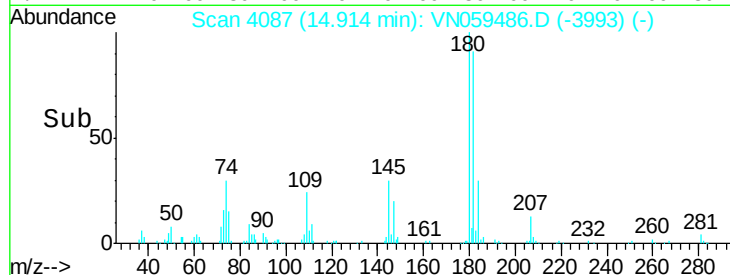
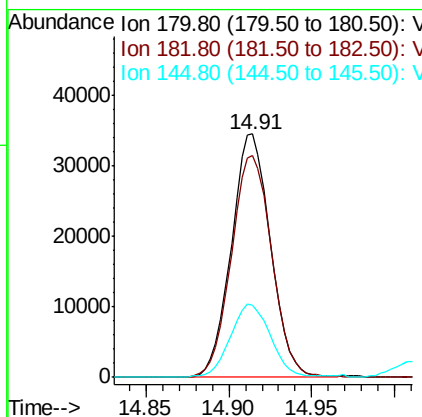
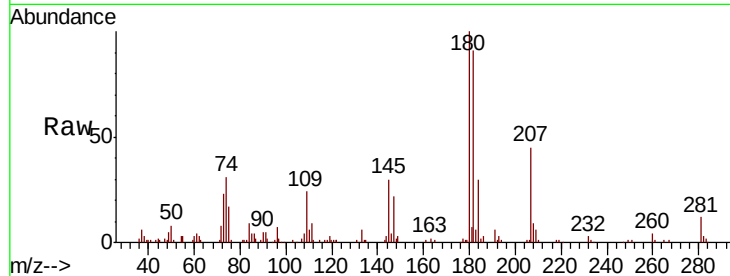
#93
 1,2,4-Trichlorobenzene
 Concen: 13.101 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56866		
182	93.8		48.0	144.2
145	31.0		15.2	45.6

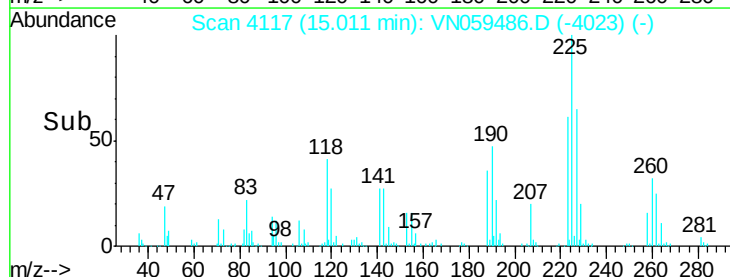
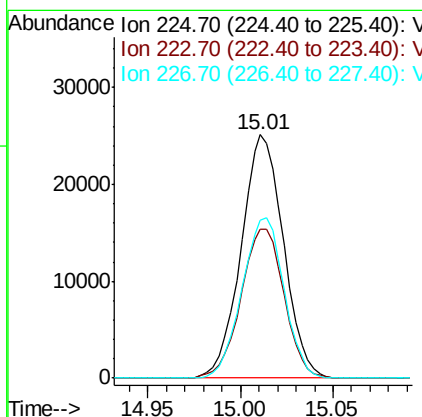
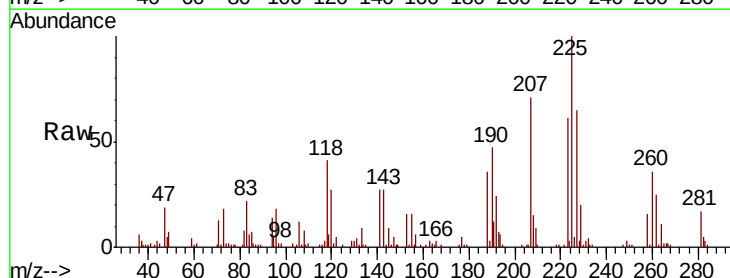
Manual Integrations
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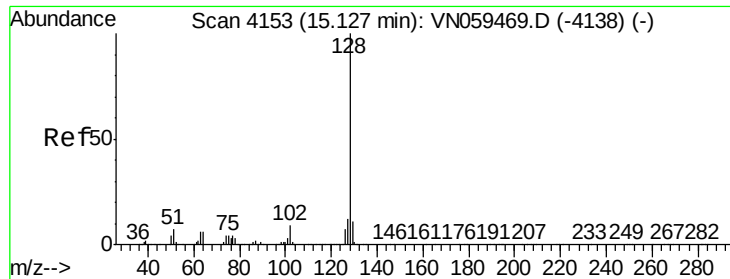
apatel
 12/5/2019 11:19:47 AM



#94
 Hexachlorobutadiene
 Concen: 15.226 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059486.D
 Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39759		
223	62.6		31.9	95.5
227	65.5		32.0	96.2





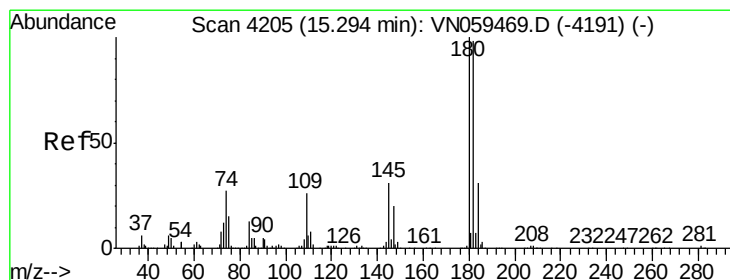
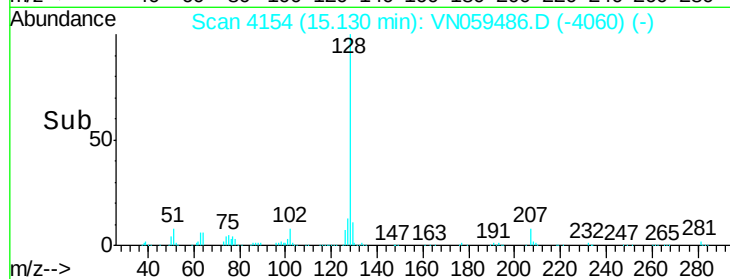
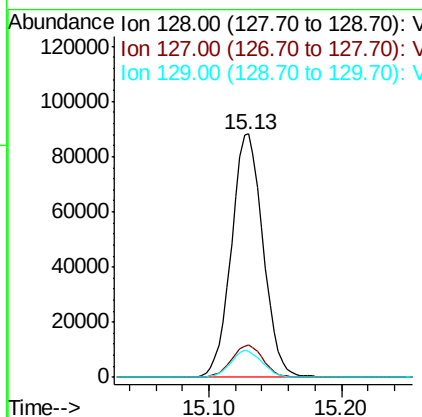
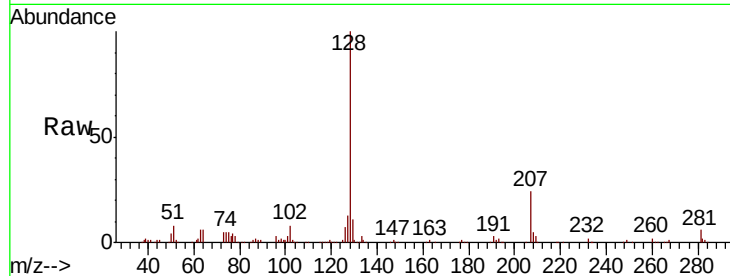
#95
Naphthalene
Concen: 14.075 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	146398		
127	13.3	10.2	15.4	
129	11.2	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 15.009 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059486.D
Acq: 4 Dec 2019 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59205		
182	94.6	48.5	145.5	
145	32.6	16.1	48.2	

