

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120319\
 Data File : VN059471.D
 Acq On : 3 Dec 2019 15:09
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/4/2019 9:22:15 AM

Quant Time: Dec 03 15:30:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 14:48:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	353458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	561155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	508433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	678516	161.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.02%	
35) Dibromofluoromethane	7.57	113	540020	157.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.40%	
50) Toluene-d8	10.08	98	2108265	153.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.68%	
62) 4-Bromofluorobenzene	12.40	95	774142	161.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	541607	133.293	ug/l	100
3) Chloromethane	2.04	50	728362	143.336	ug/l	100
4) Vinyl Chloride	2.17	62	465548	102.558	ug/l	98
5) Bromomethane	2.52	94	307808	113.342	ug/l	99
6) Chloroethane	2.67	64	276534	107.506	ug/l	100
7) Trichlorofluoromethane	2.99	101	565800	103.414	ug/l	97
8) Diethyl Ether	3.39	74	365381	153.479	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	528388	147.123	ug/l	100
10) Methyl Iodide	3.92	142	731067	155.504	ug/l	99
11) Tert butyl alcohol	4.76	59	624655	850.230	ug/l	100
12) 1,1-Dichloroethene	3.71	96	537653	152.787	ug/l	99
13) Acrolein	3.58	56	561343	805.141	ug/l	99
14) Allyl chloride	4.29	41	1048174	159.182	ug/l	99
15) Acrylonitrile	4.95	53	1686682	823.419	ug/l	100
16) Acetone	3.79	43	1804277	890.123	ug/l	98
17) Carbon Disulfide	4.02	76	1705202	140.942	ug/l	99
18) Methyl Acetate	4.29	43	857907	155.904	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1879089	163.825	ug/l	99
20) Methylene Chloride	4.52	84	607953	149.768	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	593998	154.508	ug/l	99
22) Diisopropyl ether	5.92	45	2029143	165.131	ug/l	96
23) Vinyl Acetate	5.87	43	7760938	778.934	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	1117899	158.504	ug/l	100
25) 2-Butanone	6.81	43	2449320	876.362	ug/l	97
26) 2,2-Dichloropropane	6.80	77	951526	158.316	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	669672	158.761	ug/l	99
28) Bromochloromethane	7.17	49	442764	184.125	ug/l	99
29) Tetrahydrofuran	7.19	42	1546471	832.026	ug/l	100
30) Chloroform	7.35	83	1076225	151.829	ug/l	99
31) Cyclohexane	7.63	56	1060409	150.032	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	928881	160.100	ug/l	99
36) 1,1-Dichloropropene	7.77	75	859033	157.417	ug/l	99
37) Ethyl Acetate	6.90	43	941453	160.004	ug/l	99
38) Carbon Tetrachloride	7.75	117	826552	159.676	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	1070635	163.874	ug/l	100
40) Benzene	8.02	78	2482887	153.011	ug/l	98
41) Methacrylonitrile	7.15	41	398899	146.037	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	846779	163.330	ug/l	100
43) Isopropyl Acetate	8.15	43	1519623	170.802	ug/l	100
44) Trichloroethene	8.82	130	640527	155.100	ug/l	100
45) 1,2-Dichloropropane	9.10	63	675208	159.027	ug/l	100
46) Dibromomethane	9.19	93	421784	160.713	ug/l	100
47) Bromodichloromethane	9.39	83	863361	162.603	ug/l	99
48) Methyl methacrylate	9.18	41	690494	174.493	ug/l	99
49) 1,4-Dioxane	9.19	88	194335	3461.824	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3986972	766.804	ug/l	92
52) Toluene	10.15	92	1531611	157.808	ug/l	96
53) t-1,3-Dichloropropene	10.37	75	1027924	168.303	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1097222	167.054	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	601437	157.670	ug/l	99
56) Ethyl methacrylate	10.42	69	1008767	181.100	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1051700	160.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1783321	1110.397	ug/l	99
59) 2-Hexanone	10.75	43	3149710	814.834	ug/l	94
60) Dibromochloromethane	10.90	129	676782	170.629	ug/l	100
61) 1,2-Dibromoethane	11.00	107	643067	164.526	ug/l	100
64) Tetrachloroethene	10.63	164	606451	159.135	ug/l	99
65) Chlorobenzene	11.43	112	1603789	154.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	601362	159.156	ug/l	99
67) Ethyl Benzene	11.51	91	2814848	153.584	ug/l	95
68) m/p-Xylenes	11.62	106	2182157	318.149	ug/l	90
69) o-Xylene	11.95	106	1052682	160.696	ug/l	96
70) Styrene	11.96	104	1766600	171.967	ug/l	99
71) Bromoform	12.13	173	496823	171.828	ug/l #	100
73) Isopropylbenzene	12.25	105	2710166	148.798	ug/l	98
74) N-amyl acetate	12.07	43	1242709	178.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	877904	146.860	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	856255m	151.732	ug/l	
77) Bromobenzene	12.53	156	674093	151.227	ug/l	99
78) n-propylbenzene	12.59	91	3122341	148.394	ug/l	96
79) 2-Chlorotoluene	12.67	91	1914272	152.318	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2318004	151.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	357546	163.552	ug/l	97
82) 4-Chlorotoluene	12.77	91	1989037	153.641	ug/l	99
83) tert-Butylbenzene	12.99	119	1995673	151.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2307612	153.781	ug/l	98
85) sec-Butylbenzene	13.17	105	2653672	151.749	ug/l	98
86) p-Isopropyltoluene	13.29	119	2429002	153.781	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1207539	152.947	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1200125	151.201	ug/l	100
89) n-Butylbenzene	13.62	91	2228338	161.141	ug/l	97
90) Hexachloroethane	13.88	117	464856	153.646	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1153262	149.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	192804	142.004	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	780918	163.953	ug/l	99
94) Hexachlorobutadiene	15.01	225	414600	140.646	ug/l	98
95) Naphthalene	15.13	128	2136345	157.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	778161	153.538	ug/l	99

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

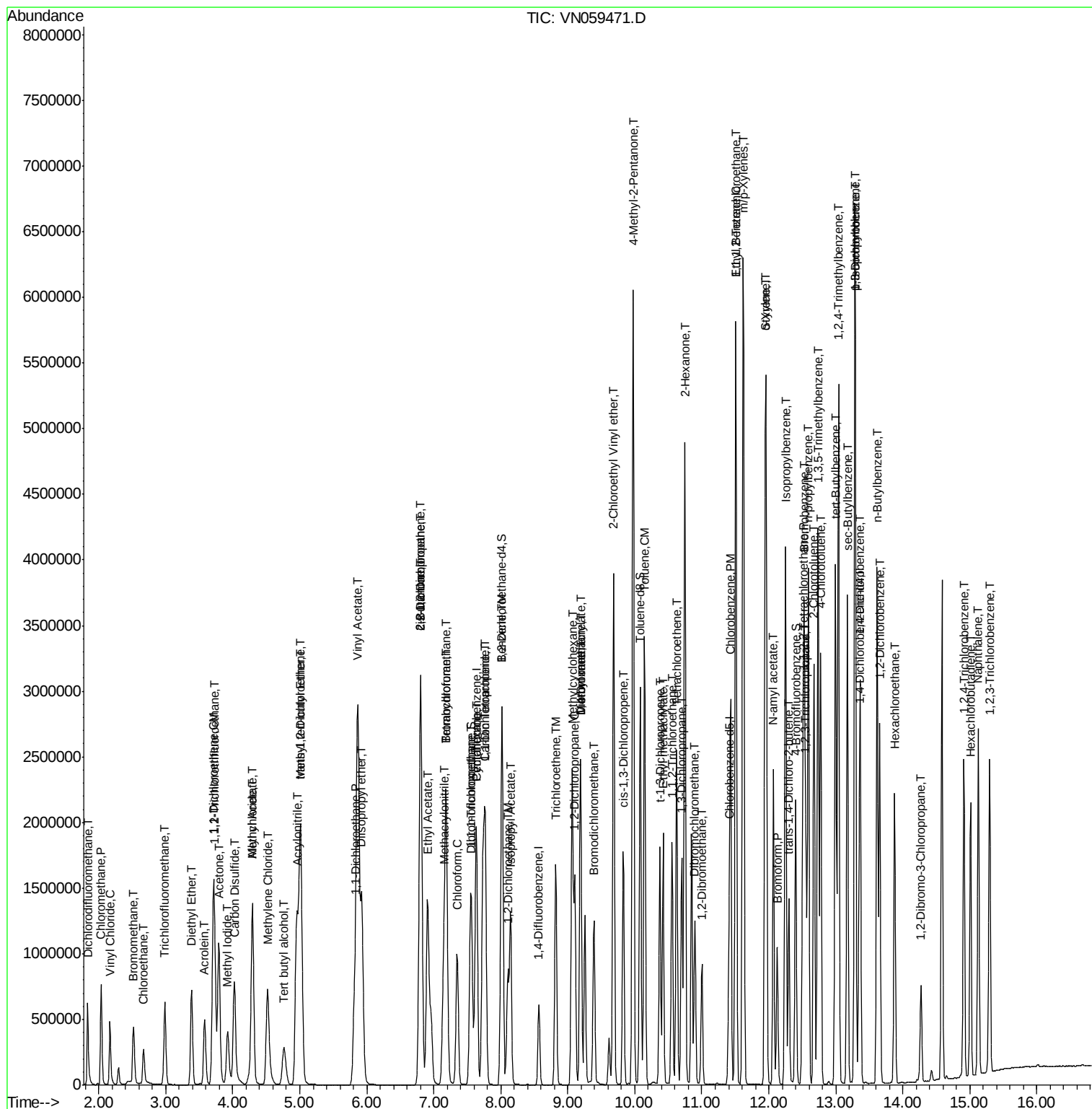
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Data File : VN059471.D
Acq On : 3 Dec 2019 15:09
Operator : JC/SP
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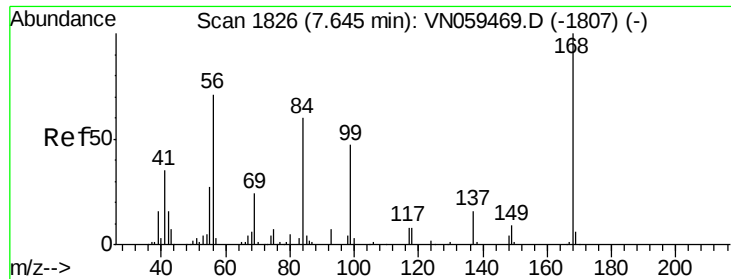
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 353458

Ion Ratio Lower Upper

168 100

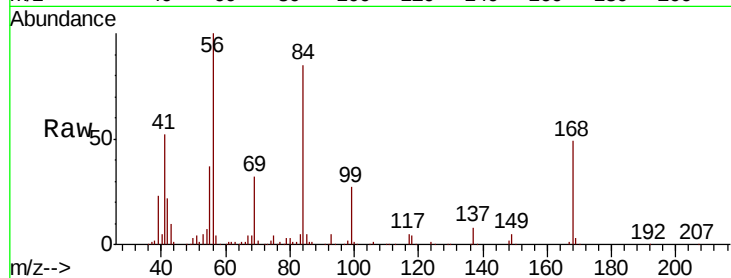
99 54.0 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

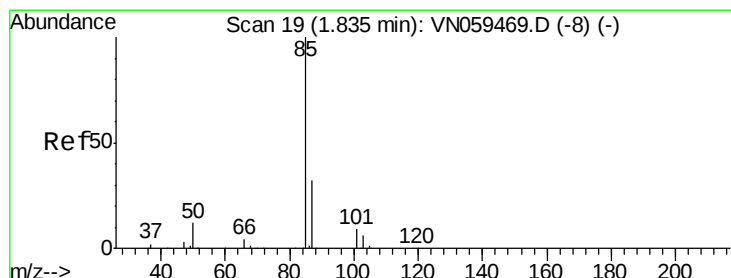
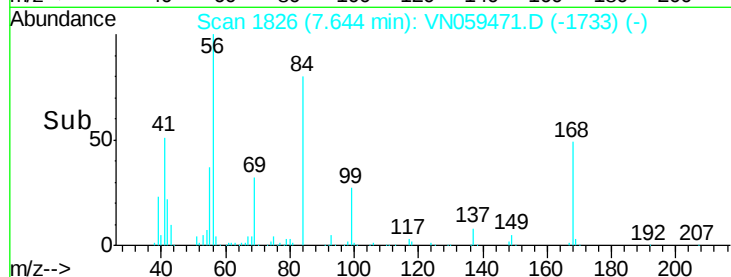
0

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 133.293 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059471.D

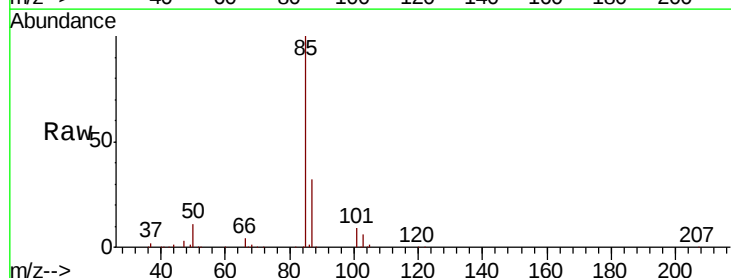
Acq: 3 Dec 2019 15:09

Tgt Ion: 85 Resp: 541607

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

100000

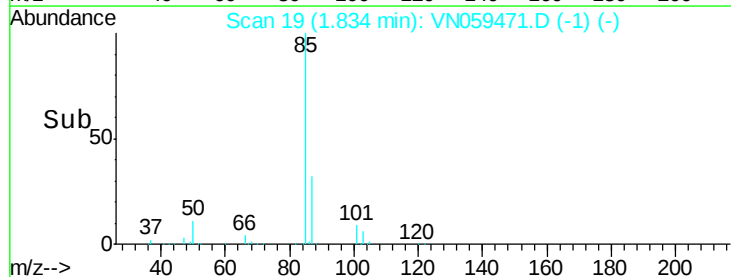
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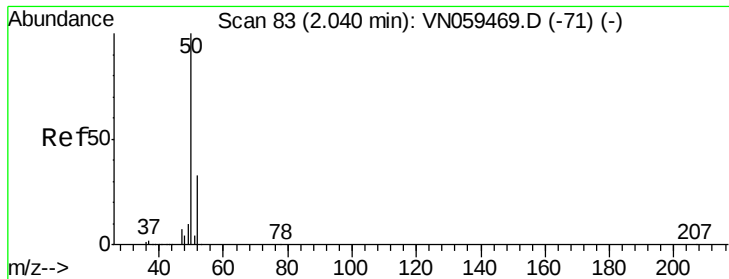
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 143.336 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 728362

Ion Ratio Lower Upper

50 100

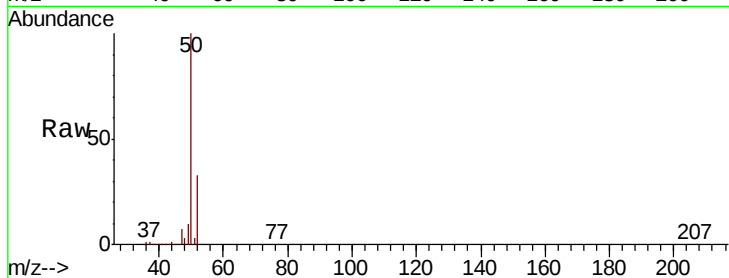
52 33.0 26.5 39.7

Manual Integrations

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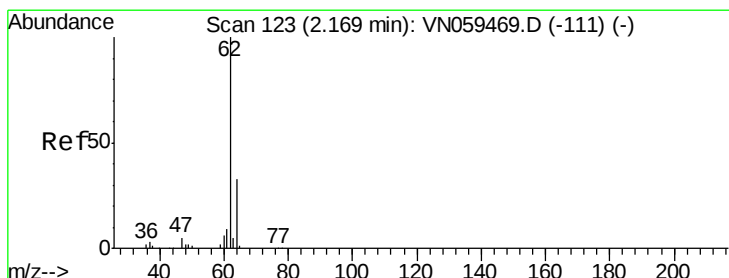
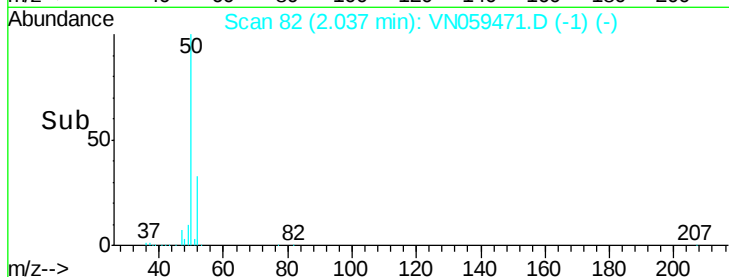
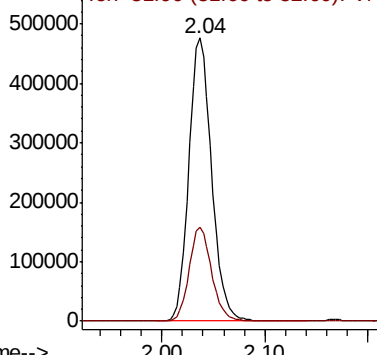
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 102.558 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059471.D

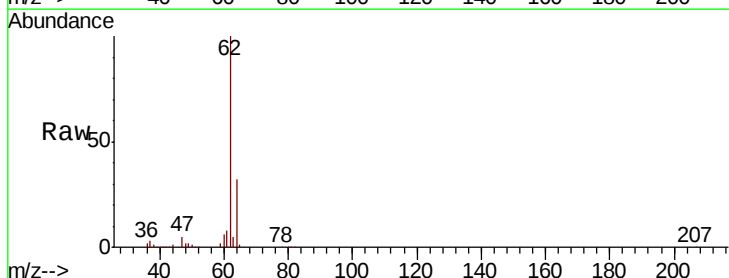
Acq: 3 Dec 2019 15:09

Tgt Ion: 62 Resp: 465548

Ion Ratio Lower Upper

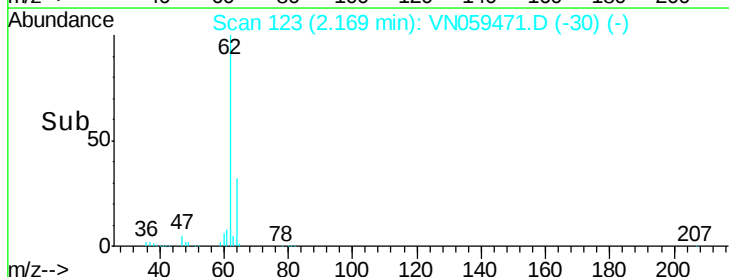
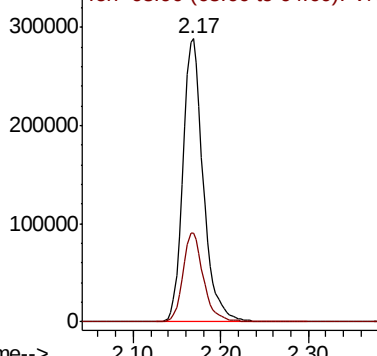
62 100

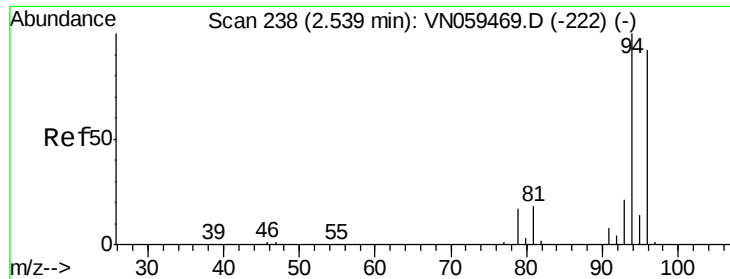
64 31.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 113.342 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 307808

Ion Ratio Lower Upper

94 100

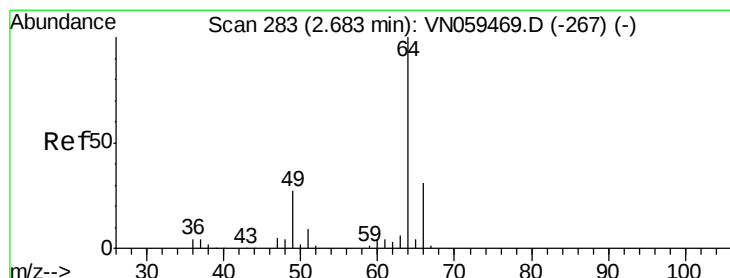
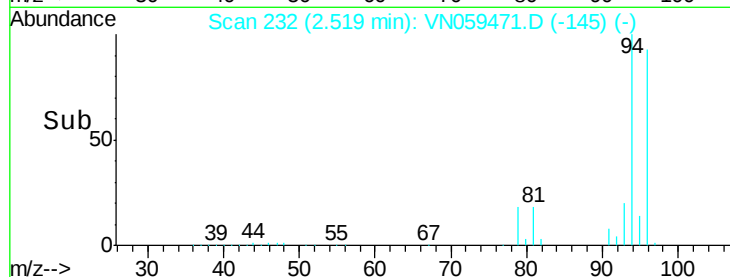
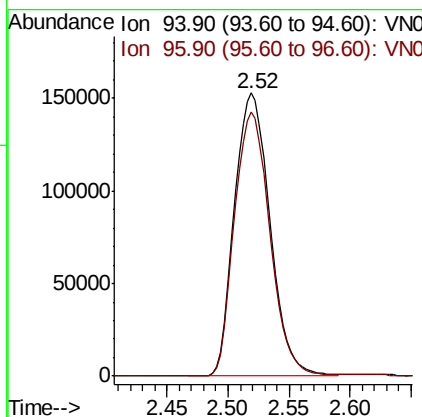
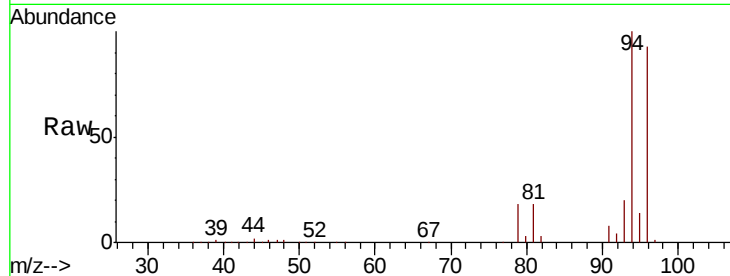
96 93.2 73.5 110.3

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#6

Chloroethane

Concen: 107.506 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.01 min

Lab File: VN059471.D

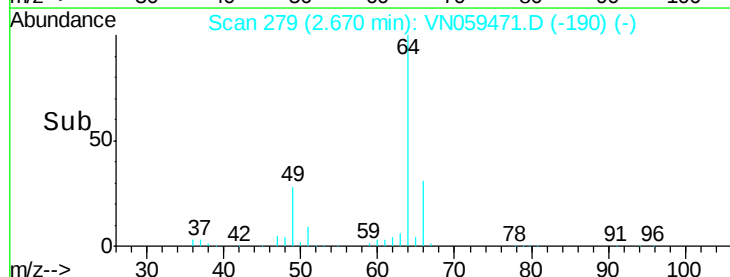
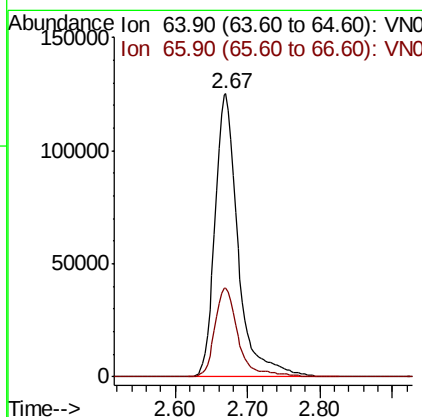
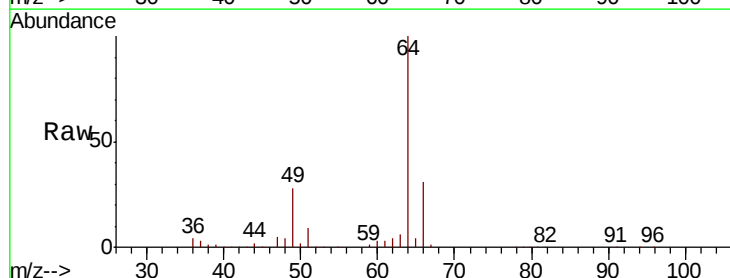
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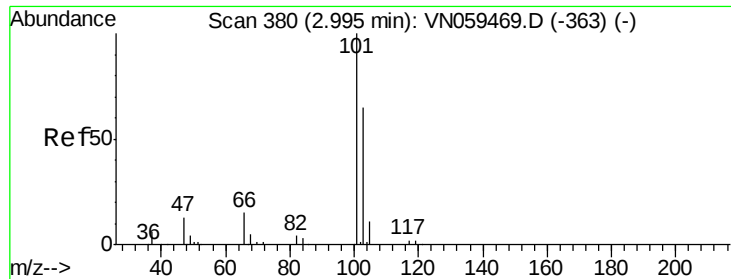
Tgt Ion: 64 Resp: 276534

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8





#7

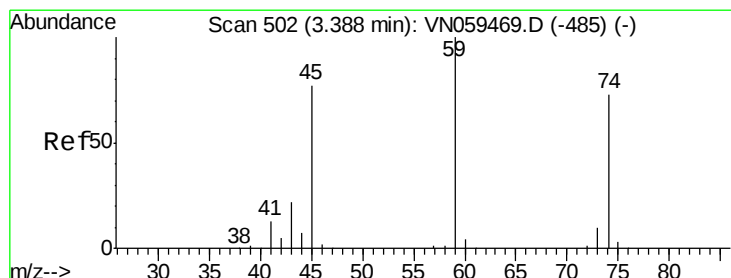
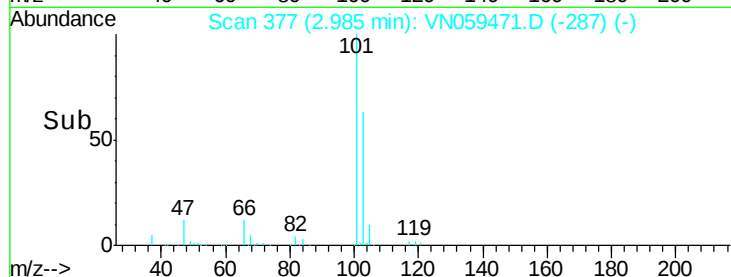
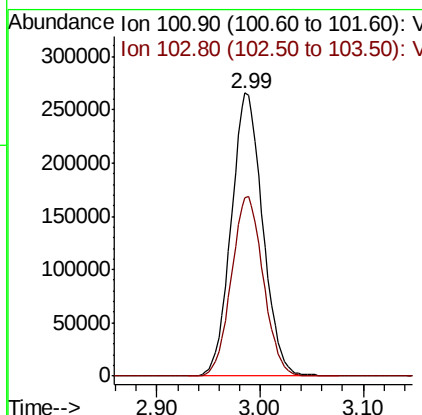
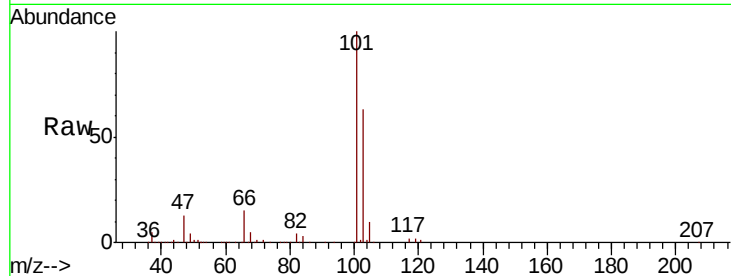
Trichlorofluoromethane
 Concen: 103.414 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. -0.01 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.4	78.6

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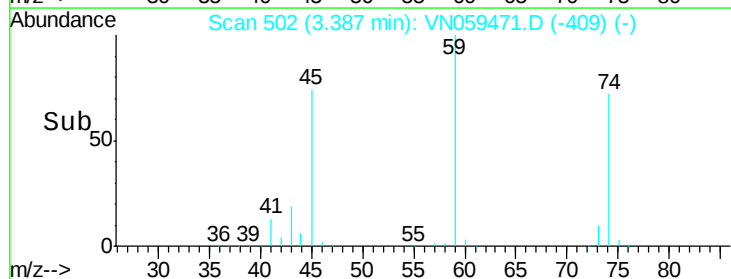
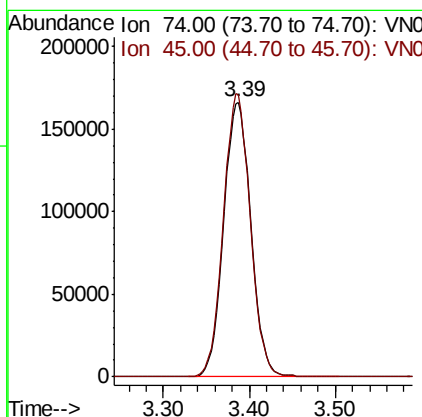
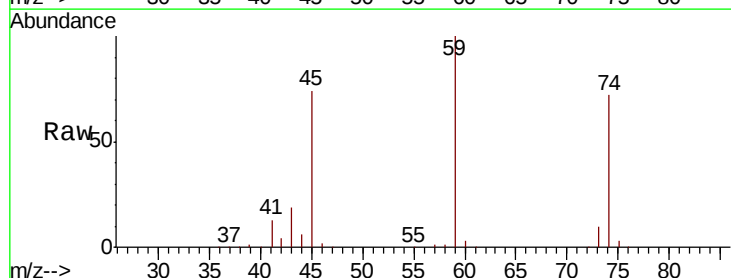
apatel
 12/4/2019 9:22:15 AM

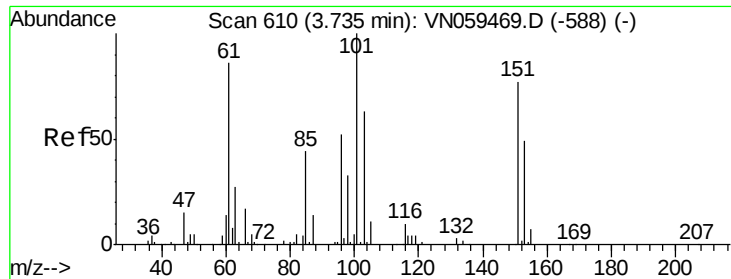


#8

Diethyl Ether
 Concen: 153.479 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.123 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

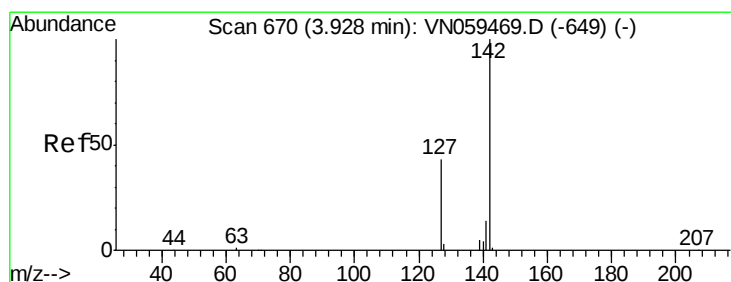
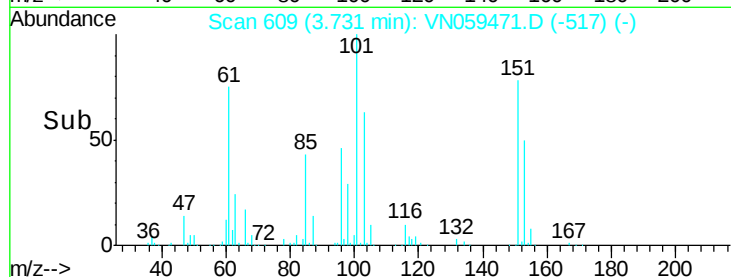
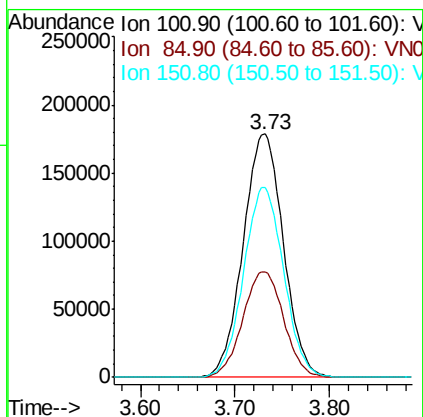
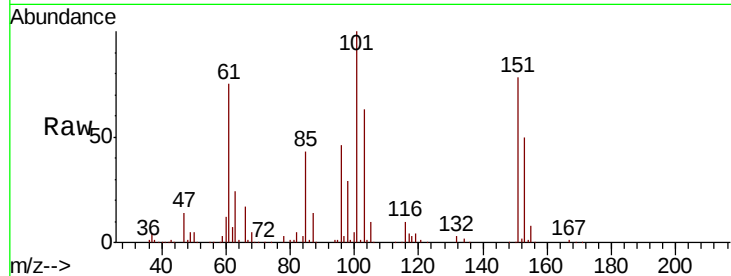
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	528388
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	77.8	62.4	93.6

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#10

Methyl Iodide

Concen: 155.504 ug/l

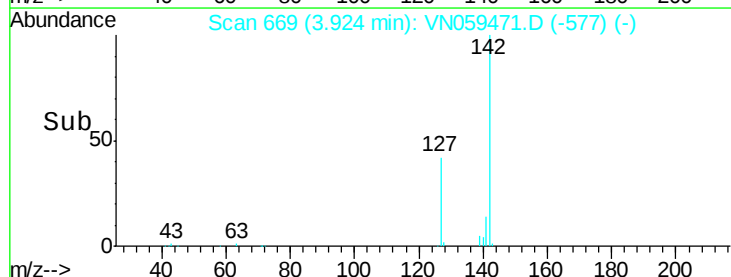
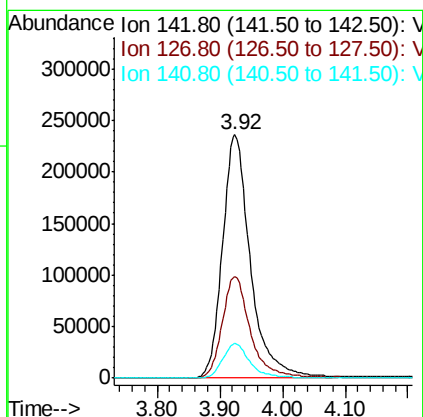
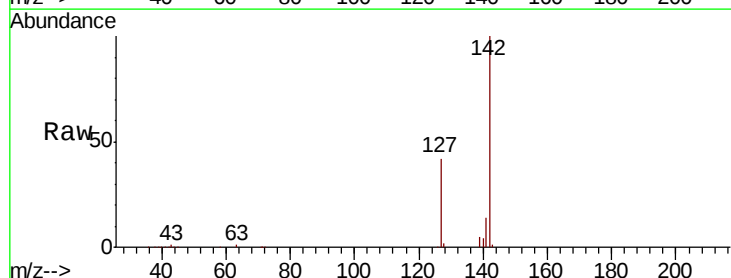
RT: 3.92 min Scan# 669

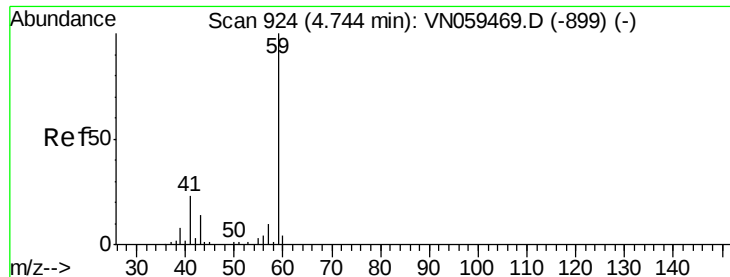
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion:	142	Resp:	731067
Ion Ratio	Lower	Upper	
142	100		
127	42.2	34.6	52.0
141	14.1	11.4	17.0





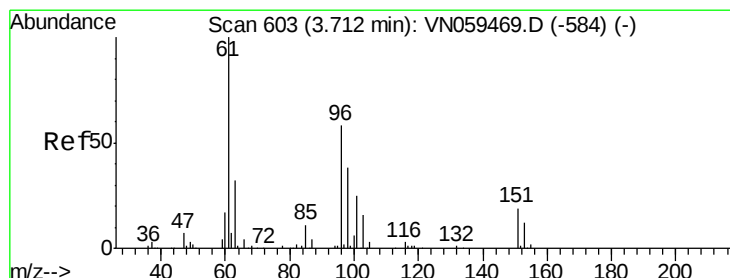
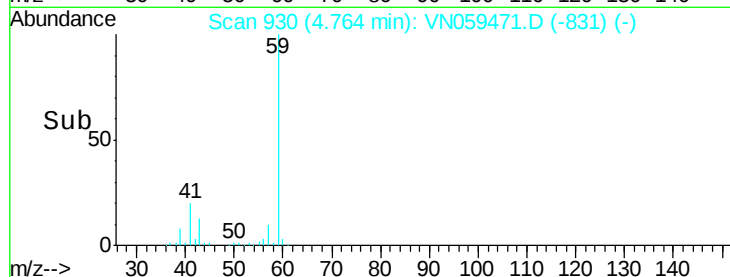
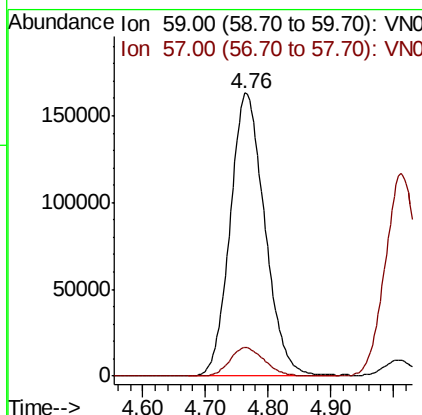
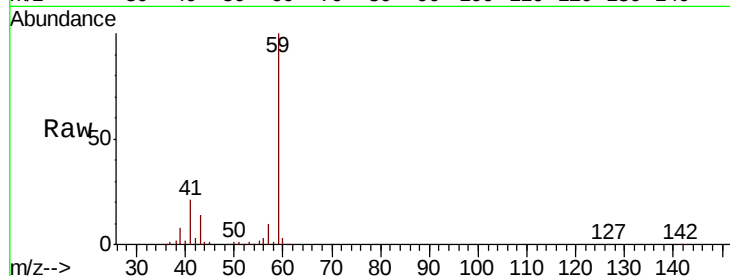
#11
Tert butyl alcohol
Concen: 850.230 ug/l
RT: 4.76 min Scan# 930
Delta R.T. 0.02 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

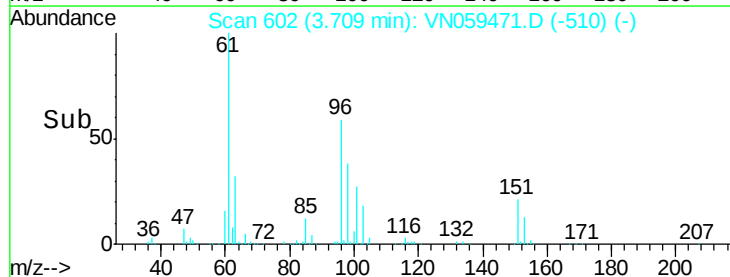
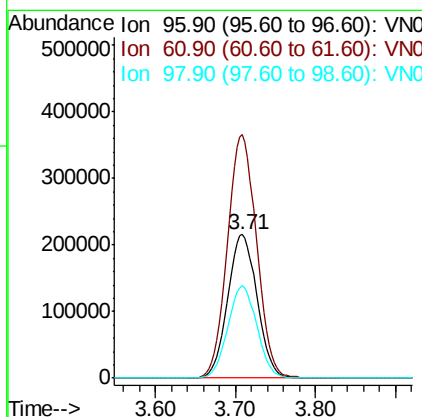
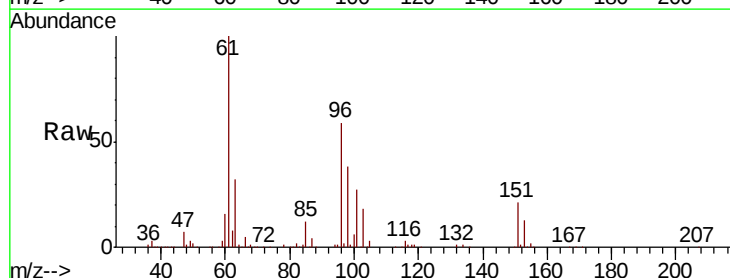
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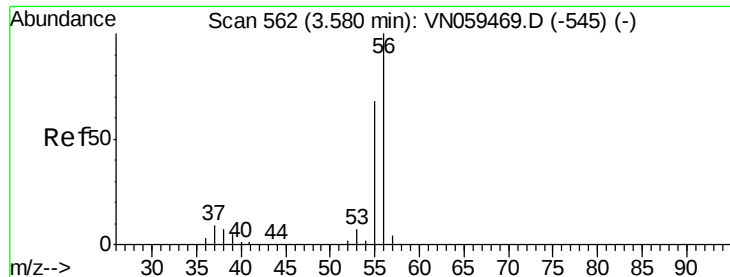
apatel
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#12
1,1-Dichloroethene
Concen: 152.787 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	137.1	205.7
98	64.3	52.4	78.6





#13

Acrolein

Concen: 805.141 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 561343

Ion Ratio Lower Upper

56 100

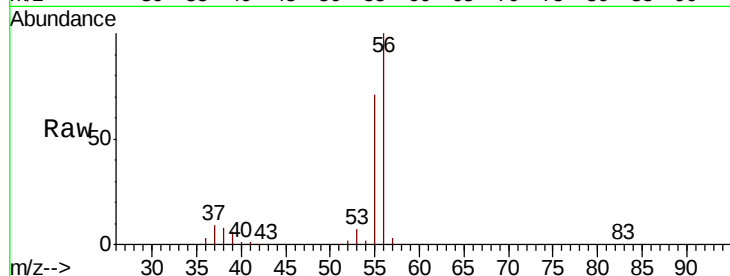
55 71.1 56.5 84.7

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

250000

200000

150000

100000

50000

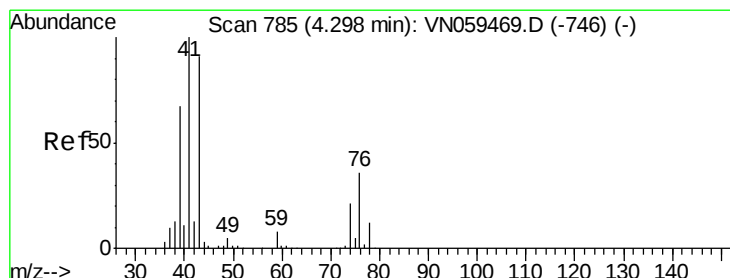
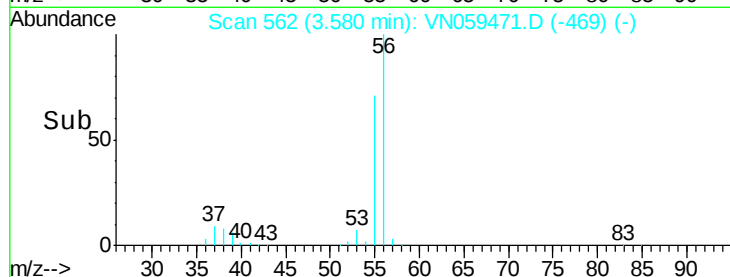
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 159.182 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

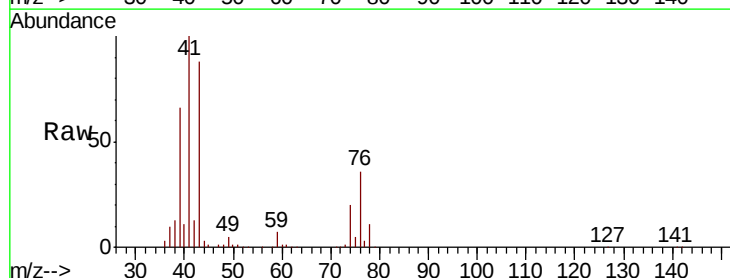
Tgt Ion: 41 Resp: 1048174

Ion Ratio Lower Upper

41 100

39 61.0 49.3 73.9

76 33.0 25.6 38.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

600000

500000

400000

300000

200000

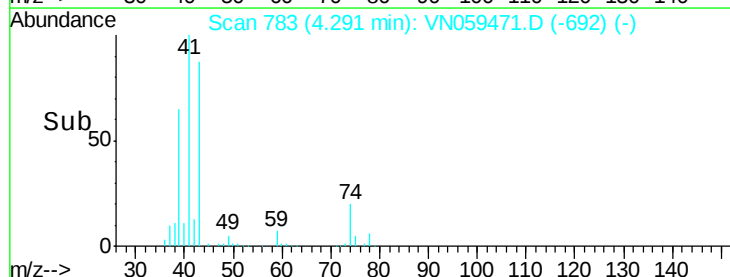
100000

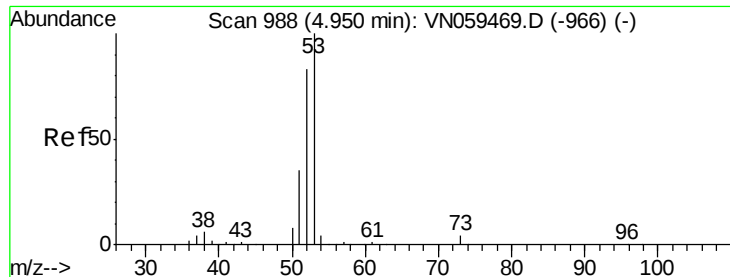
0

4.20

4.40

Time-->





#15

Acrylonitrile

Concen: 823.419 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1686682

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

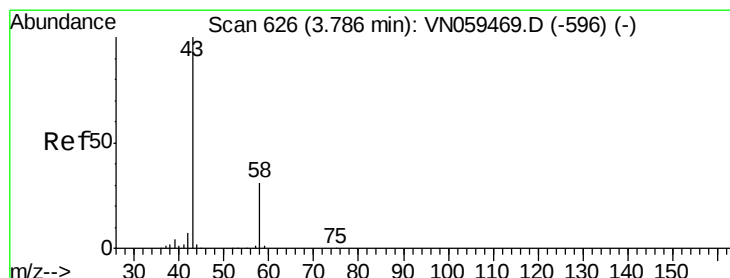
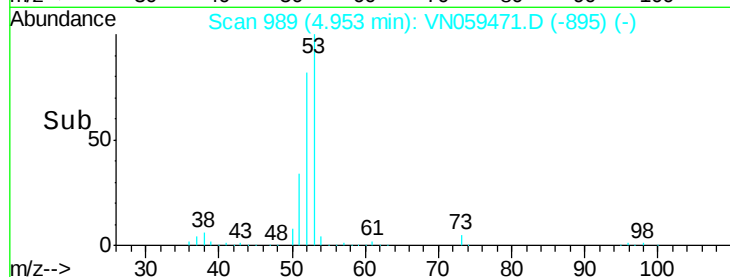
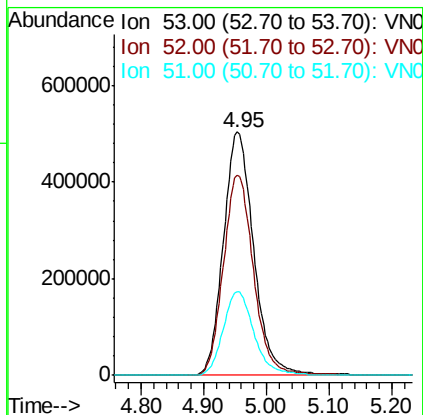
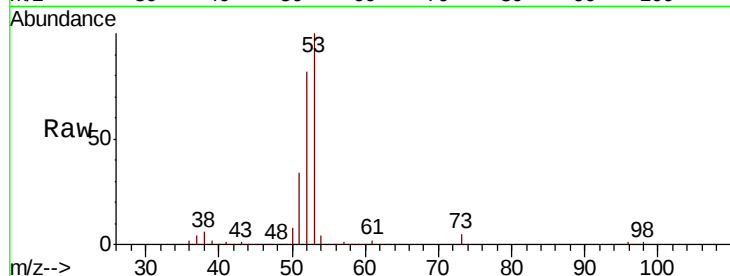
51 35.2 28.5 42.7

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#16

Acetone

Concen: 890.123 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059471.D

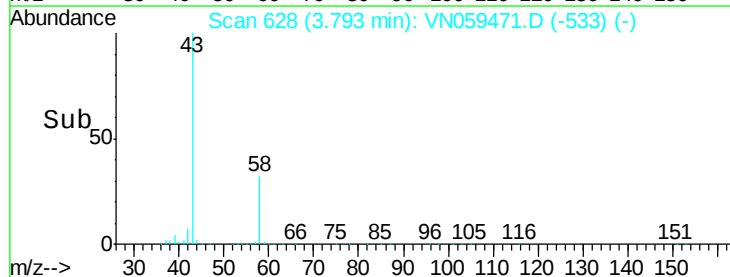
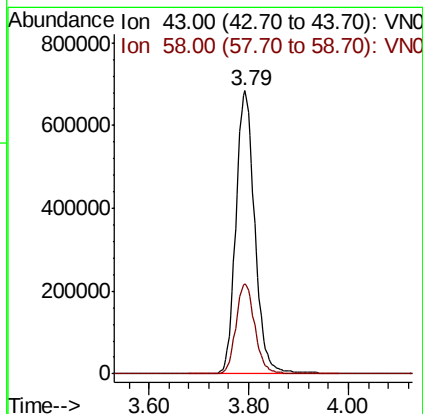
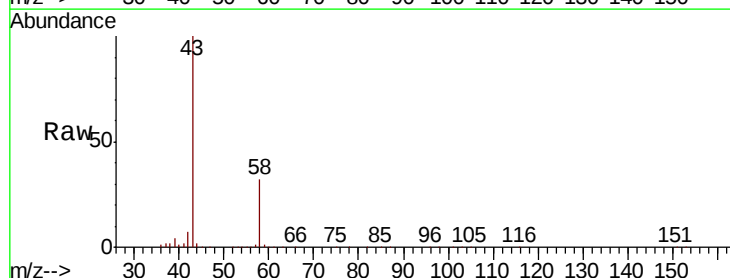
Acq: 3 Dec 2019 15:09

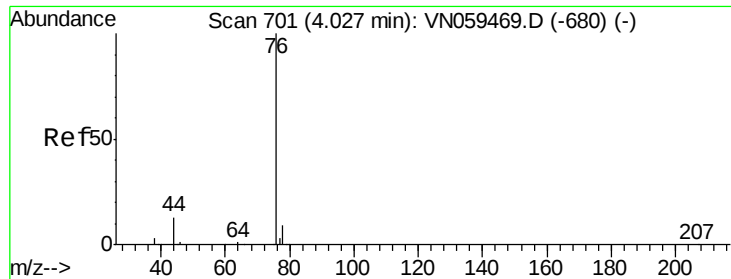
Tgt Ion: 43 Resp: 1804277

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3





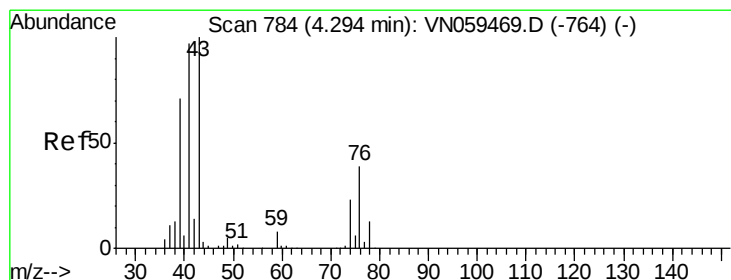
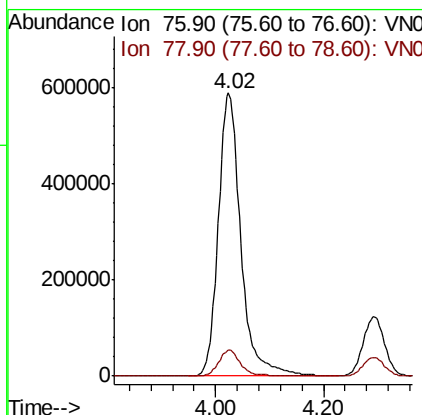
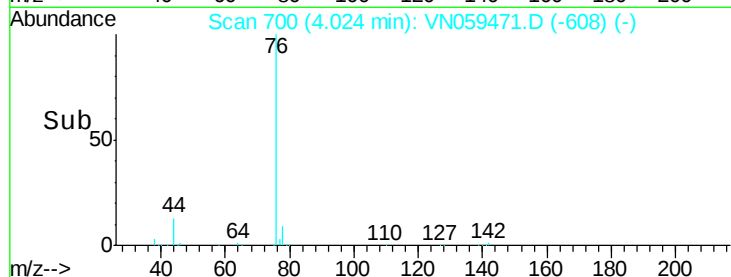
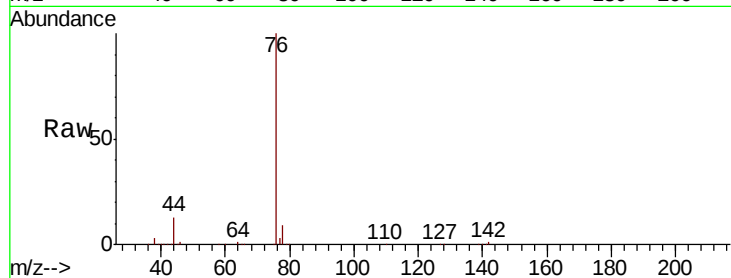
#17
Carbon Disulfide
Concen: 140.942 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1705202
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

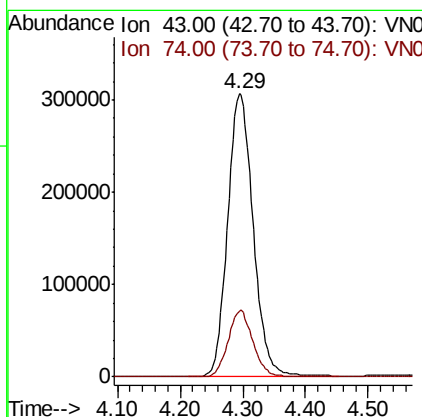
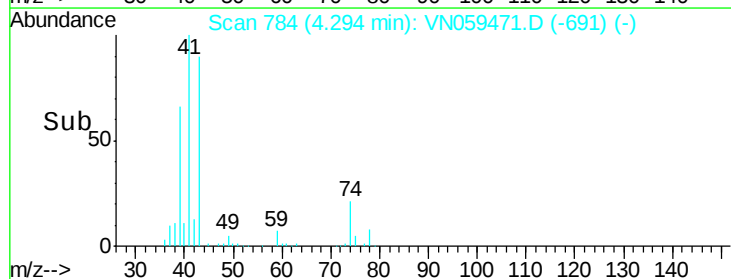
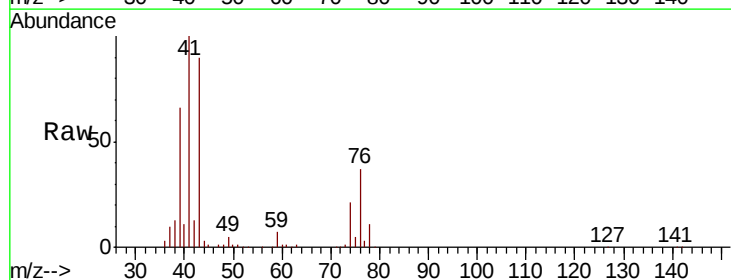
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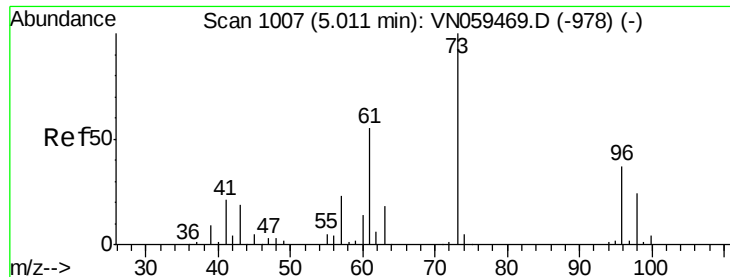
apatel
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#18
Methyl Acetate
Concen: 155.904 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion: 43 Resp: 857907
Ion Ratio Lower Upper
43 100
74 23.1 18.3 27.5





#19

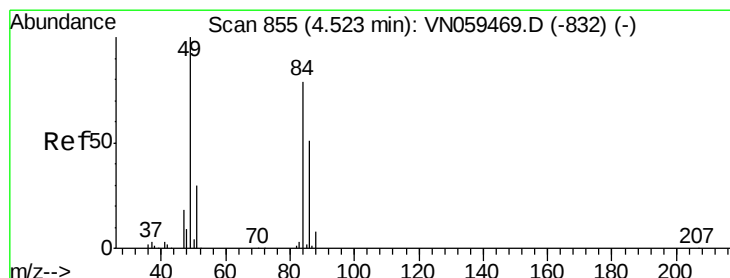
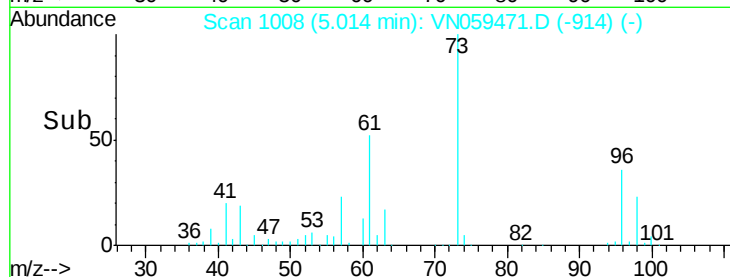
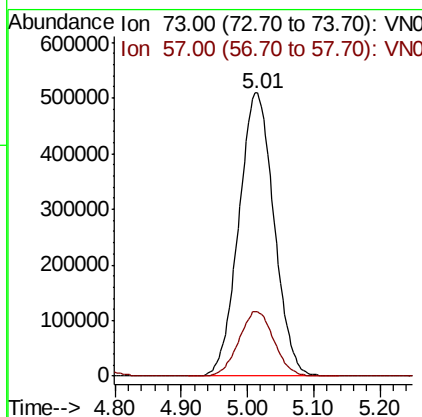
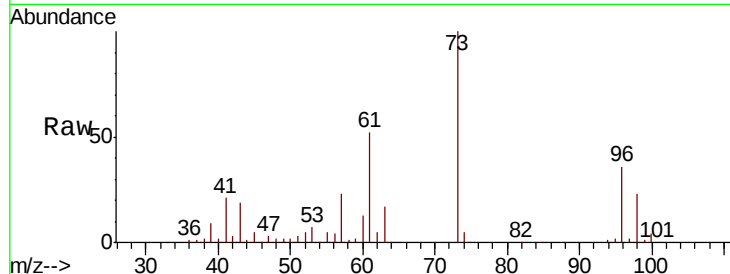
Methvl tert-butvl Ether
 Concen: 163.825 ug/l
 RT: 5.01 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

Tot Ion: 73 Resp: 1879089
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.0 27.0

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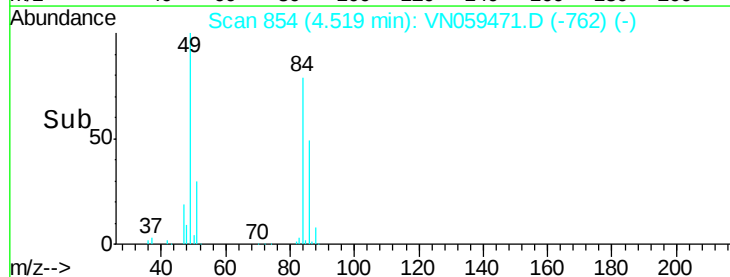
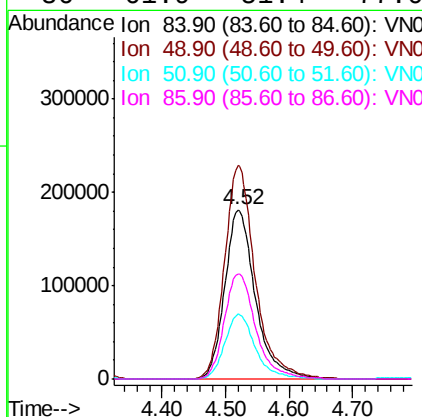
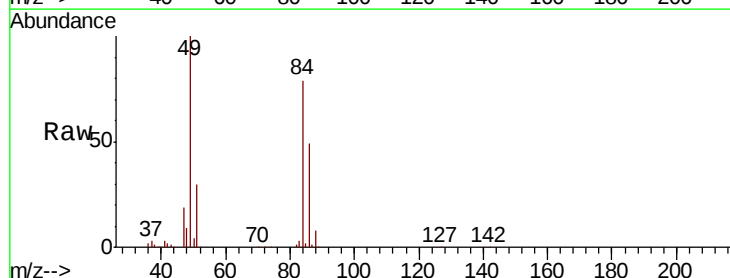
apatel
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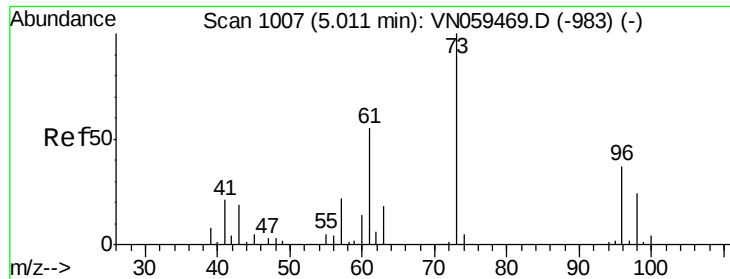


#20

Methylene Chloride
 Concen: 149.768 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion: 84 Resp: 607953
 Ion Ratio Lower Upper
 84 100
 49 126.0 101.1 151.7
 51 38.2 30.7 46.1
 86 61.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 154.508 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

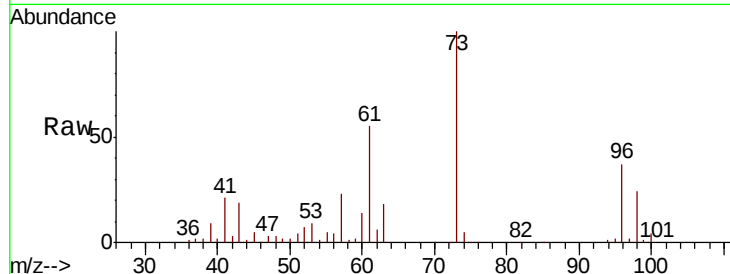
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	593998
Ion	Ratio	Lower	Upper
96	100		
61	146.8	118.9	178.3
98	63.9	51.6	77.4

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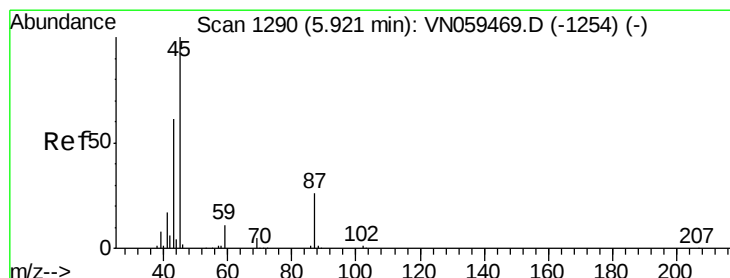
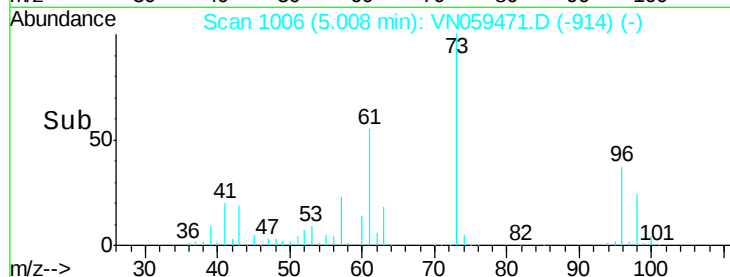
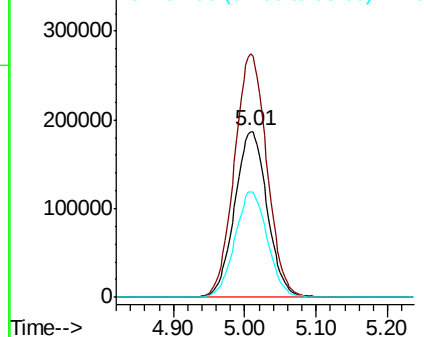


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 165.131 ug/l

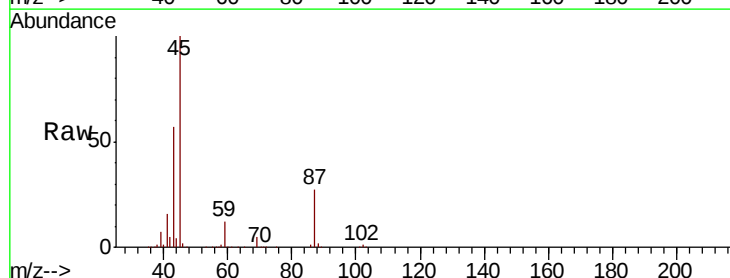
RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion:	45	Resp:	2029143
Ion	Ratio	Lower	Upper
45	100		
43	56.1	49.1	73.7
87	26.7	21.6	32.4
59	11.3	9.0	13.4



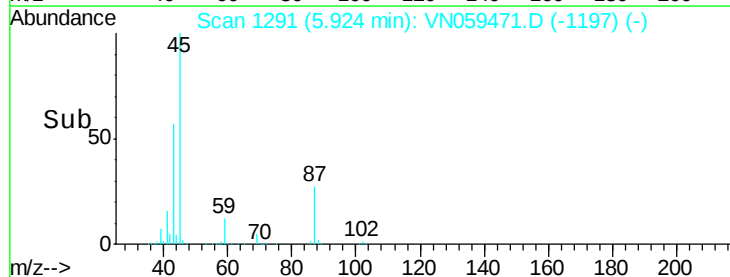
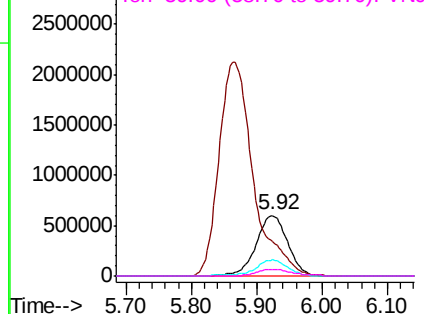
Abundance

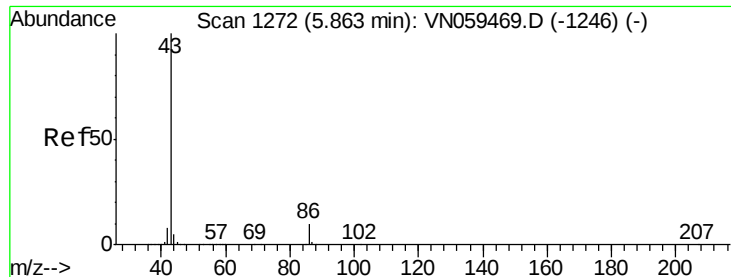
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 778.934 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 7760938

Ion Ratio Lower Upper

43 100

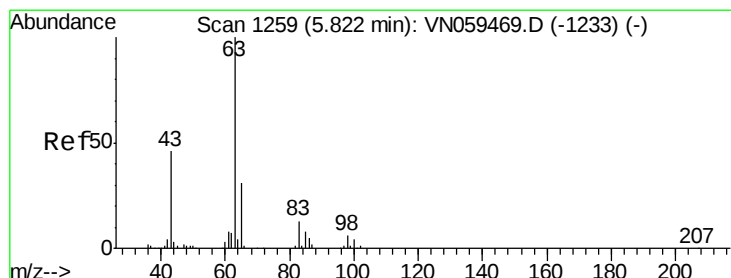
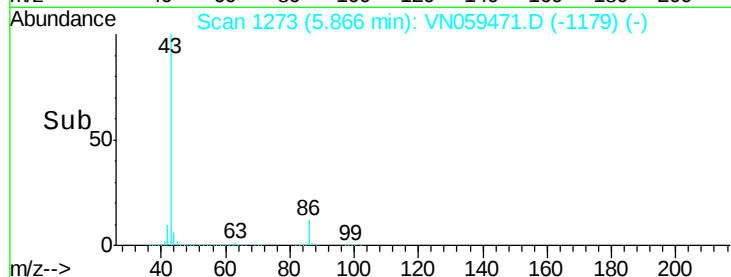
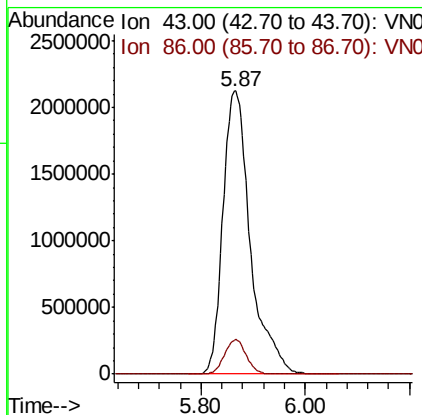
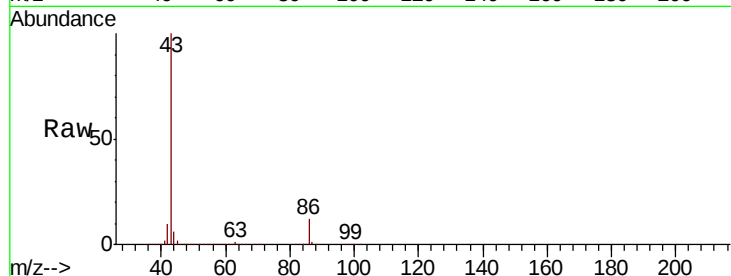
86 12.3 8.0 12.0#

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#24

1,1-Dichloroethane

Concen: 158.504 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

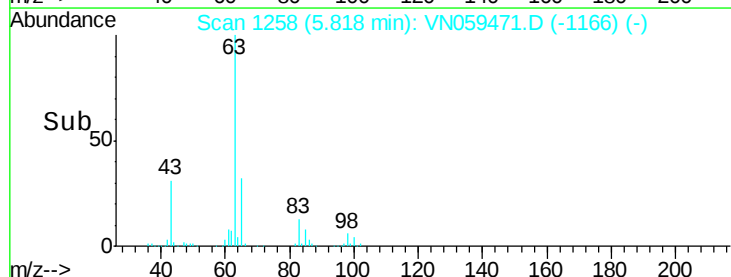
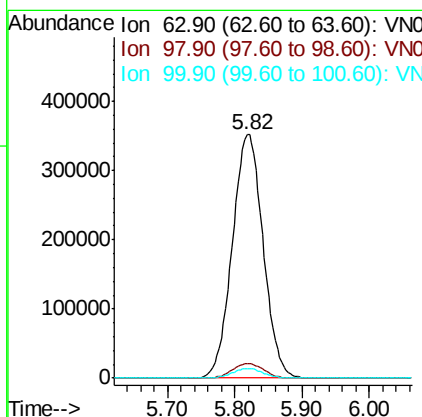
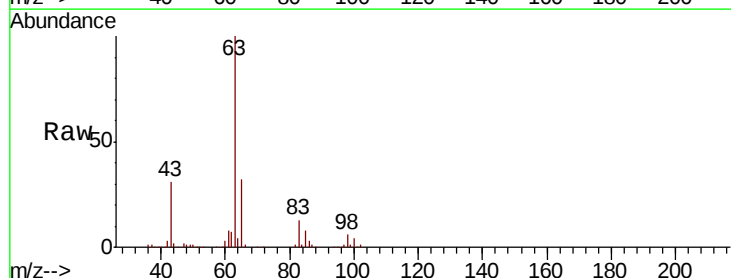
Tgt Ion: 63 Resp: 1117899

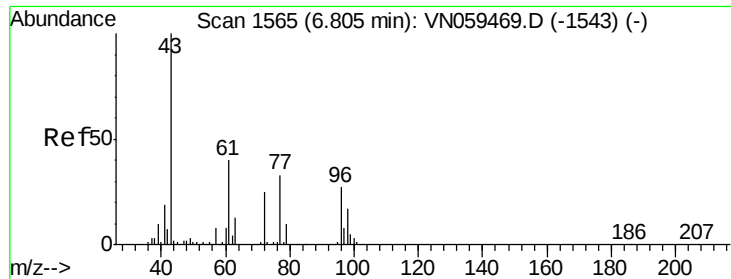
Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 876.362 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tot Ion: 43 Resp: 2449320

Ion Ratio Lower Upper

43 100

72 26.5 20.2 30.2

Instrument :

MSVOA_N

ClientSampleId :

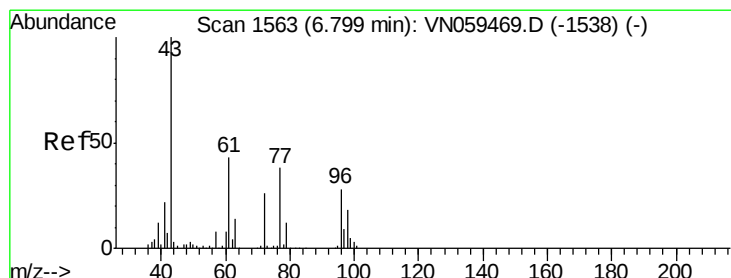
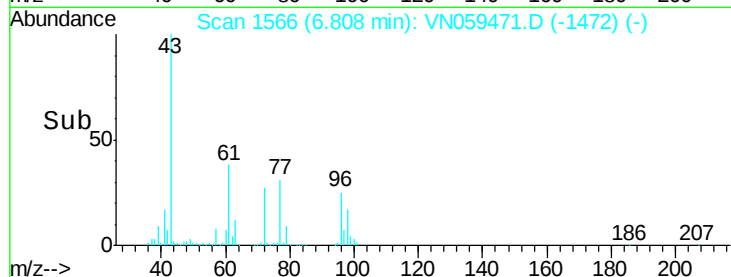
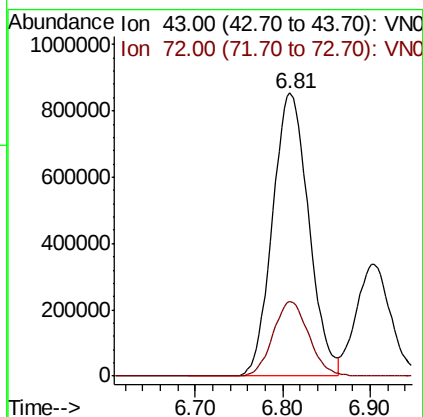
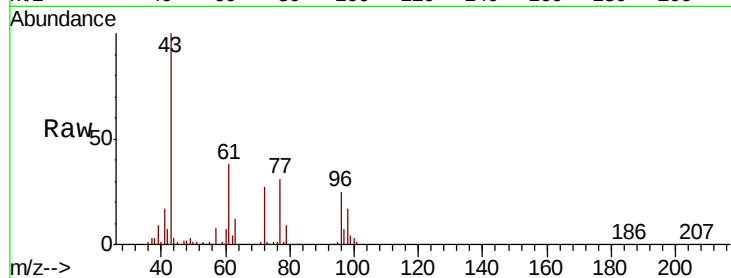
VSTDIC150

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 158.316 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059471.D

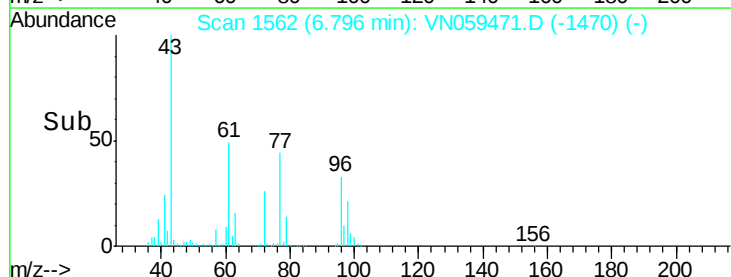
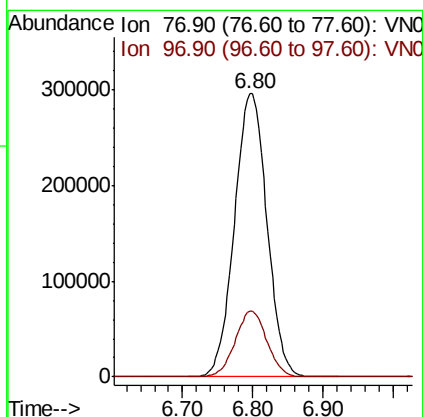
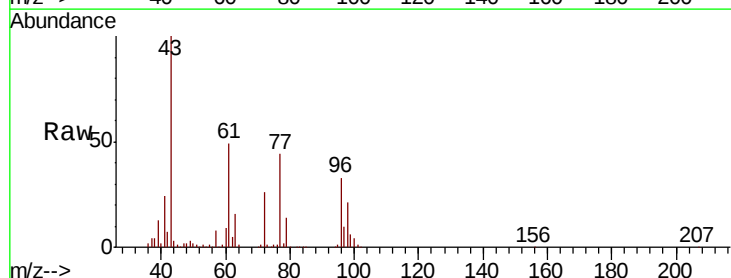
Acq: 3 Dec 2019 15:09

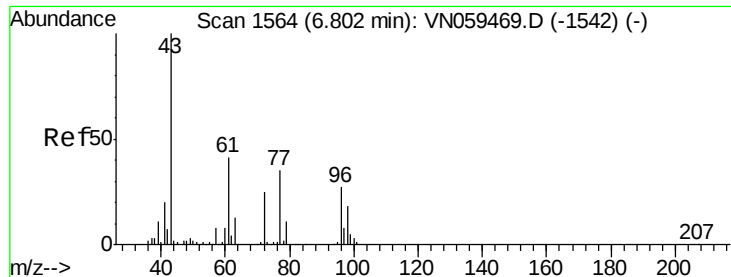
Tgt Ion: 77 Resp: 951526

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 158.761 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

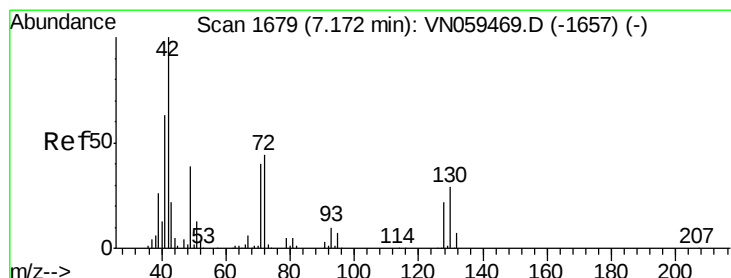
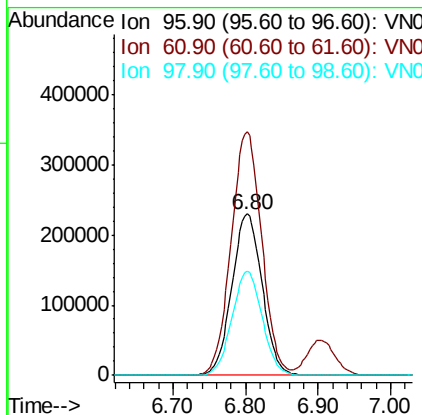
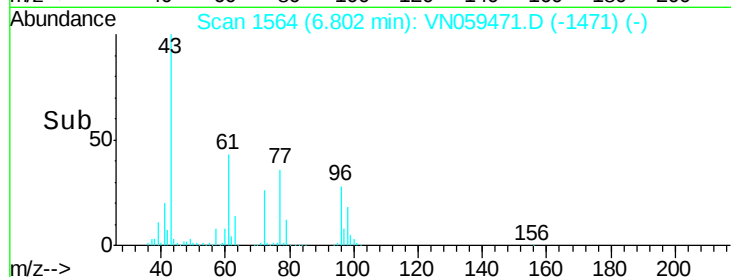
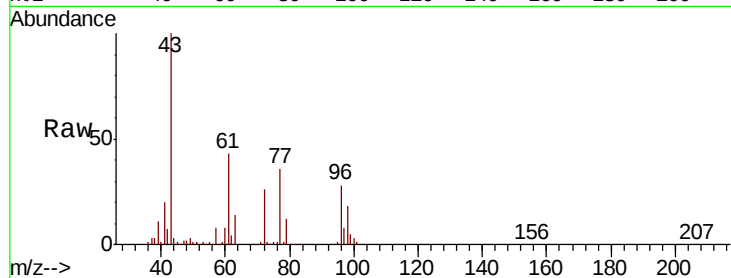
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	669672
Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	307.4
98	64.3	0.0	129.2

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#28

Bromochloromethane

Concen: 184.125 ug/l

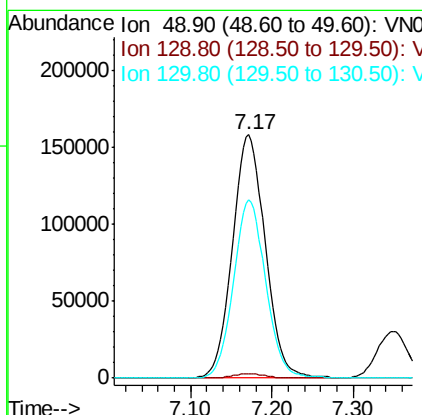
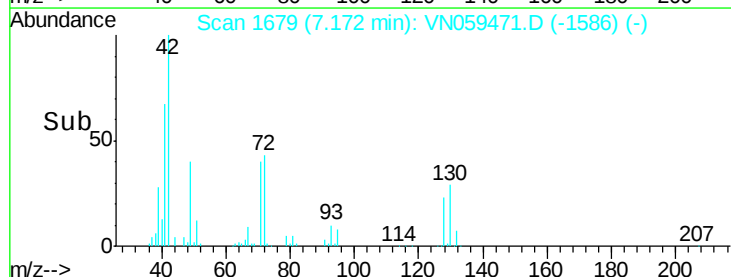
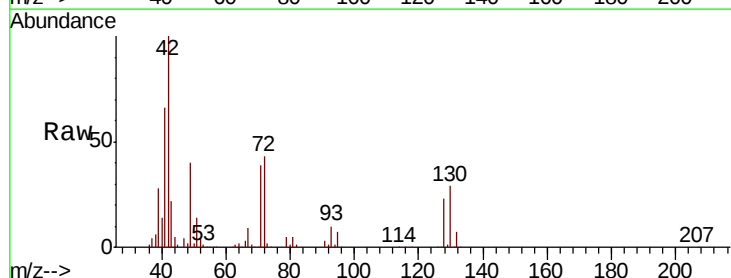
RT: 7.17 min Scan# 1679

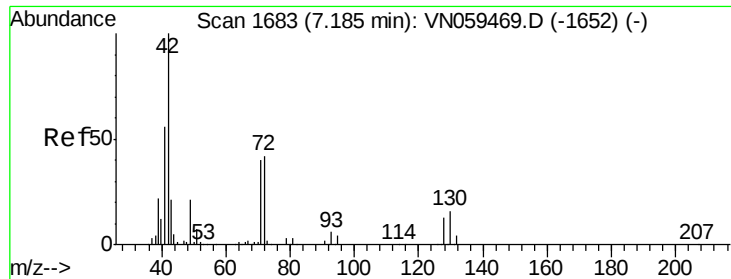
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion:	49	Resp:	442764
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	71.9	58.4	87.6





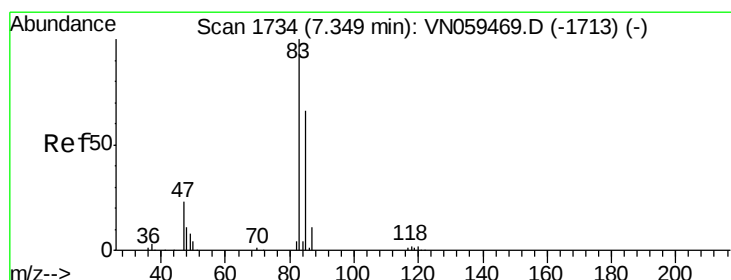
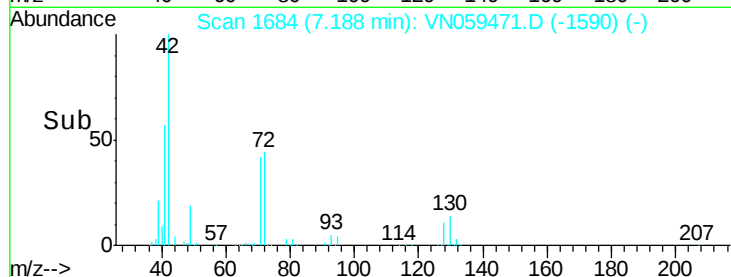
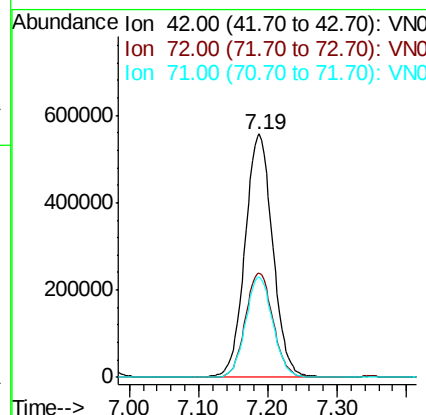
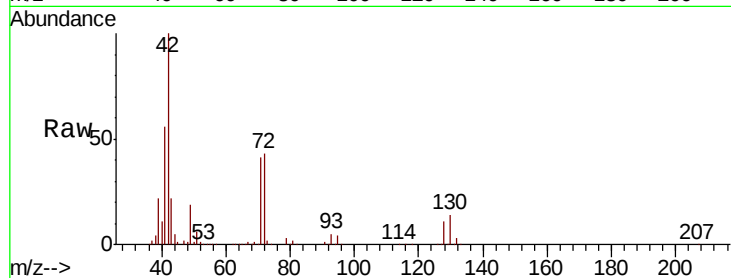
#29
Tetrahydrofuran
Concen: 832.026 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	40.5	32.0	48.0

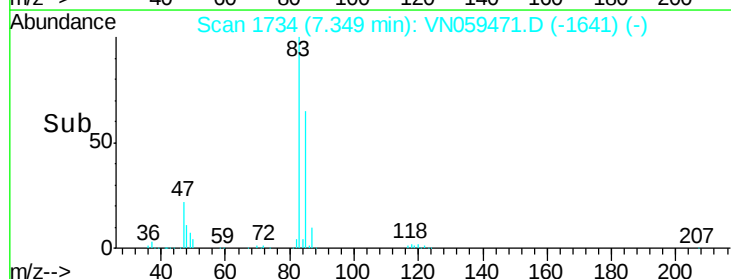
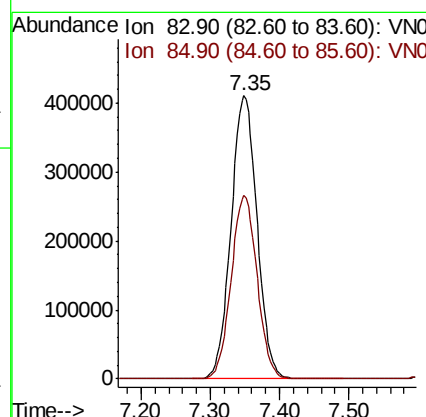
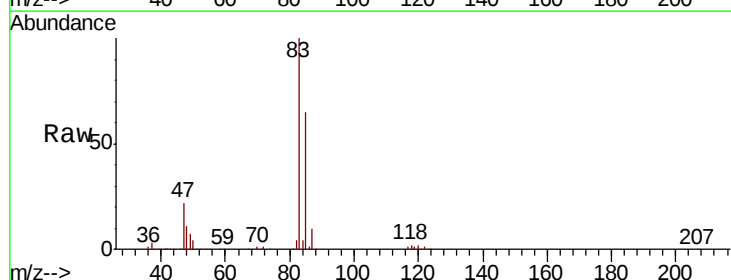
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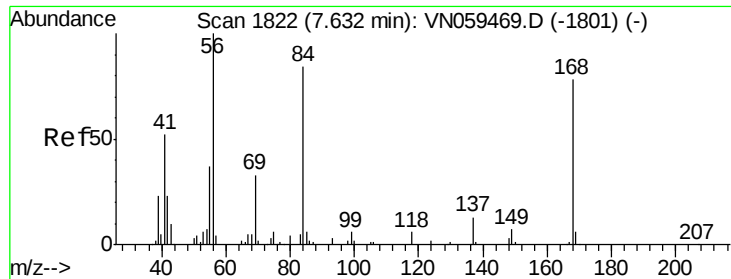
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#30
Chloroform
Concen: 151.829 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6





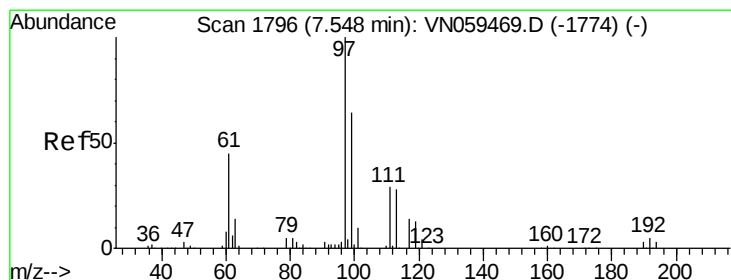
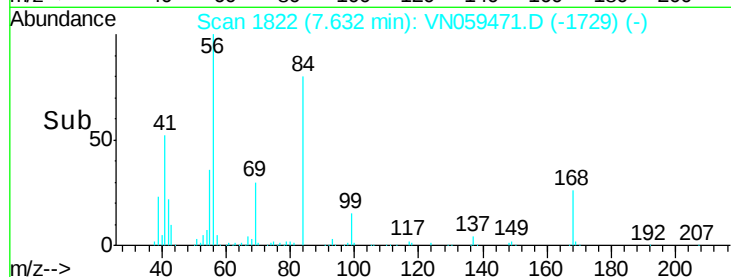
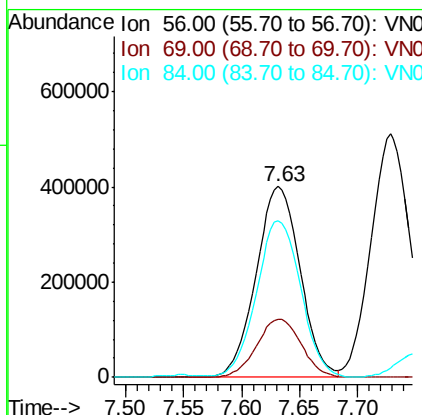
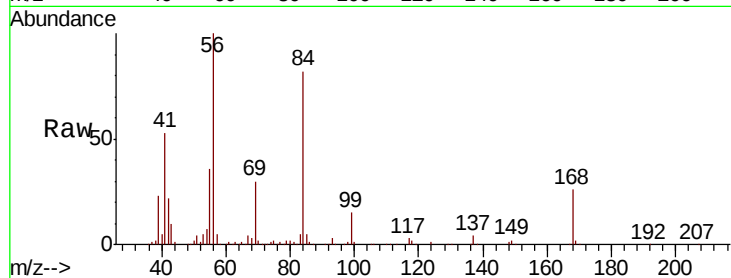
#31
Cyclohexane
Concen: 150.032 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1060409
Ion Ratio Lower Upper
56 100
69 30.1 26.2 39.4
84 81.1 66.8 100.2

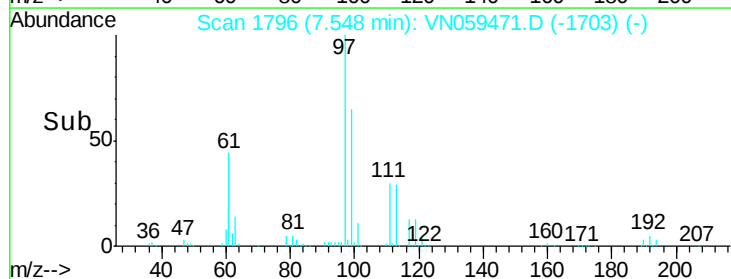
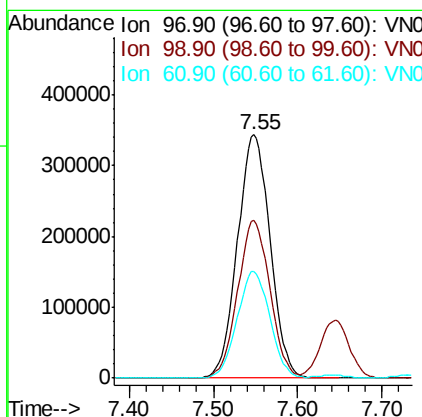
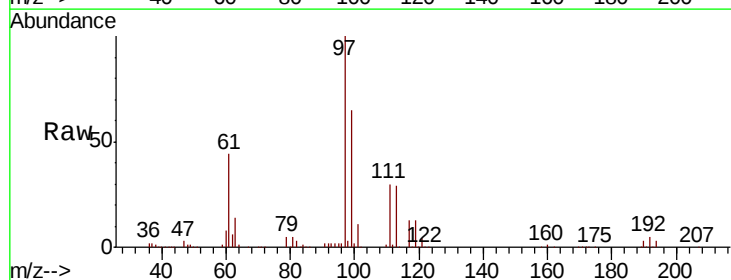
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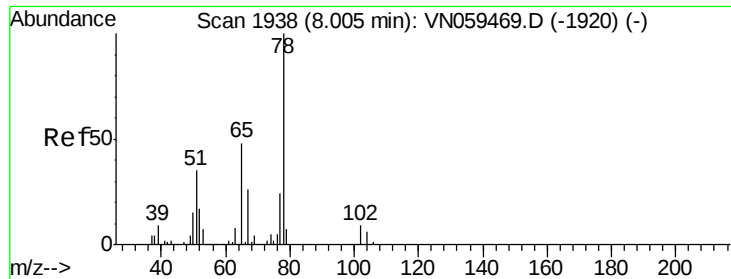
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#32
1,1,1-Trichloroethane
Concen: 160.100 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion: 97 Resp: 928881
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 43.8 35.4 53.0





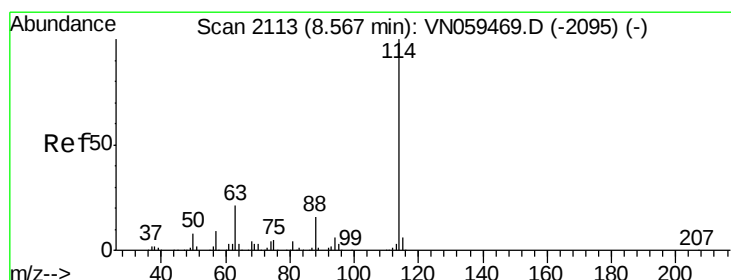
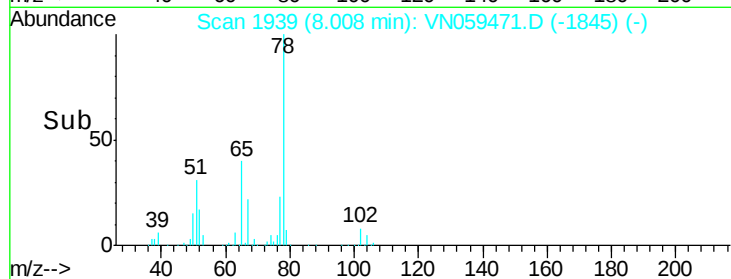
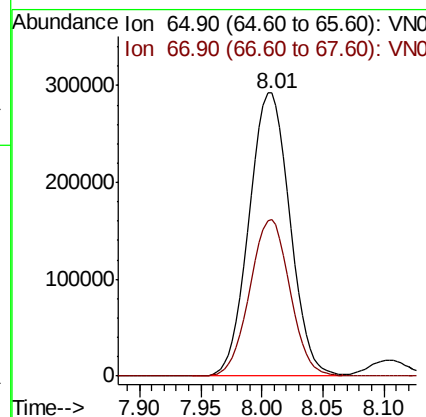
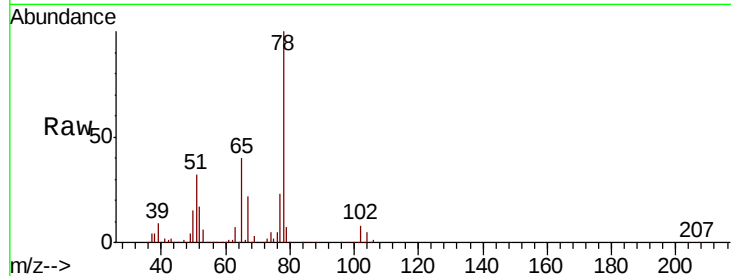
#33
 1,2-Dichloroethane-d4
 Concen: 161.506 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	678516		
67	54.4	0.0	107.4	

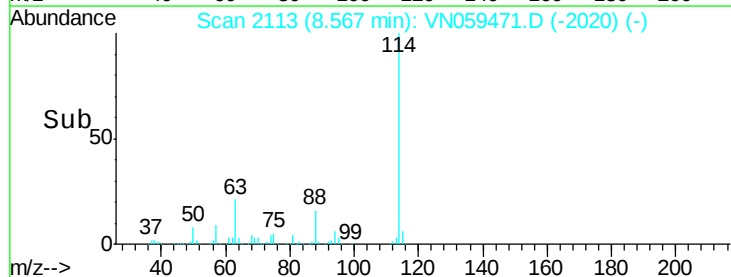
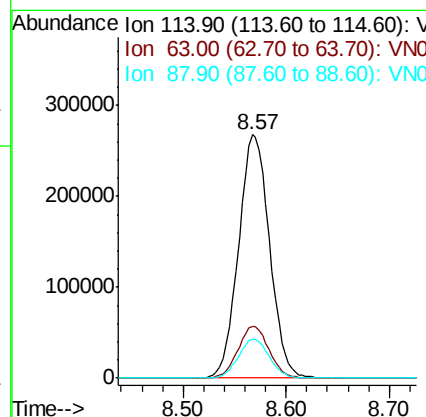
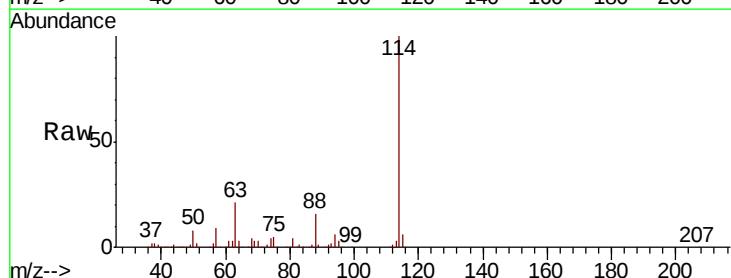
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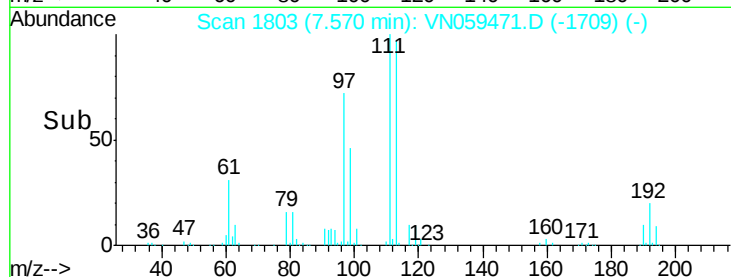
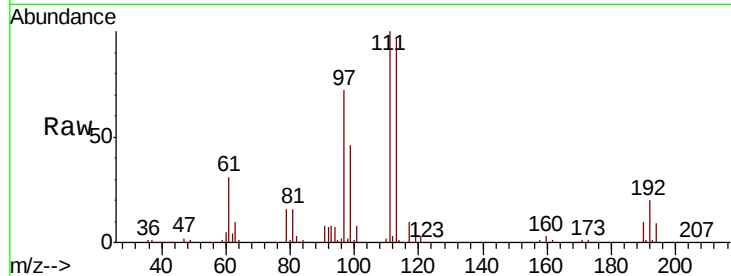
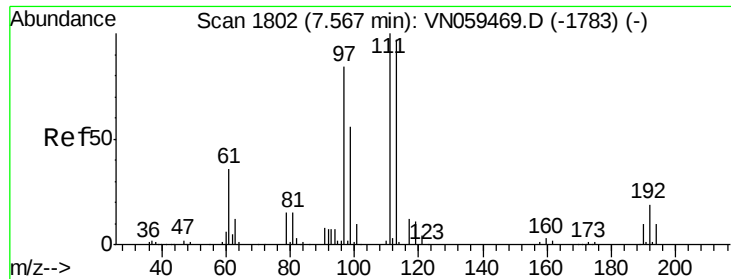
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	561155		
63	21.4	0.0	42.4	
88	15.8	0.0	32.8	





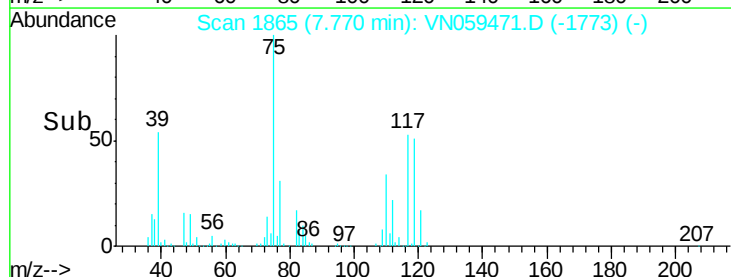
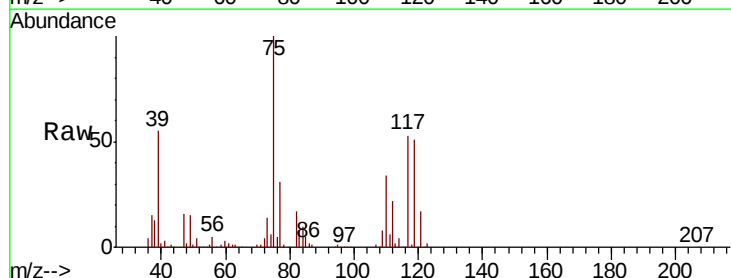
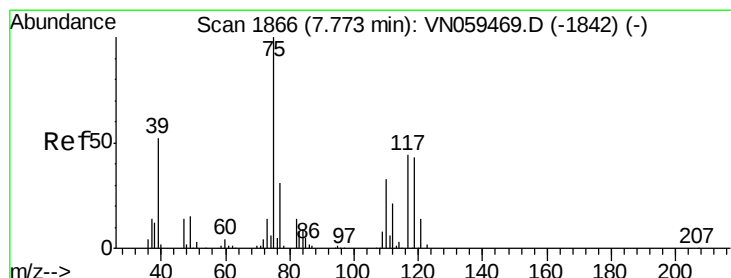
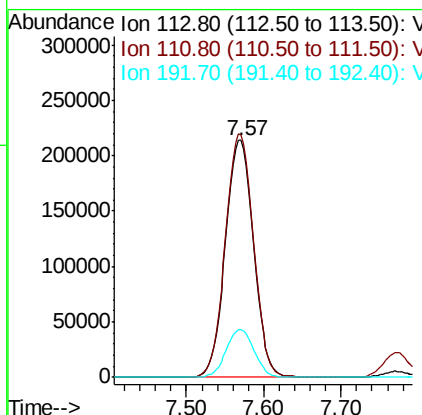
#35
Dibromofluoromethane
Concen: 157.197 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tot Ion	Ratio	Resp	Lower	Upper
113	100	540020		
111	102.6	82.5	123.7	
192	20.0	16.1	24.1	

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

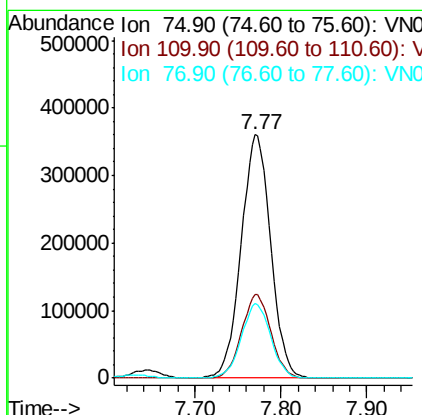
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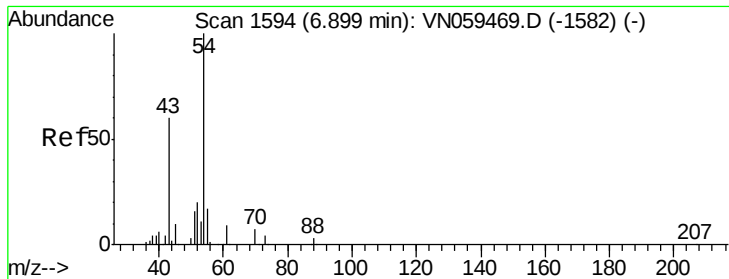
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#36
1,1-Dichloropropene
Concen: 157.417 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	859033		
110	34.1	16.9	50.7	
77	30.7	25.1	37.7	





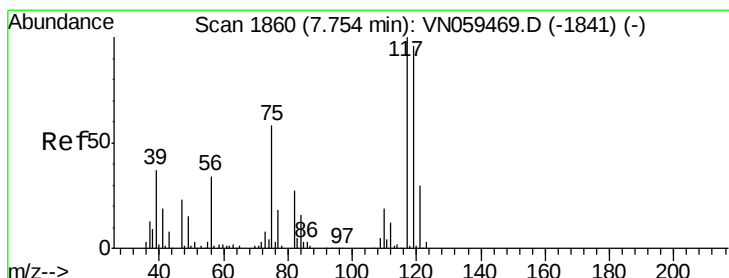
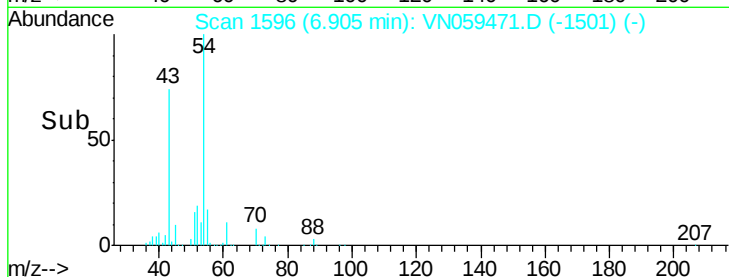
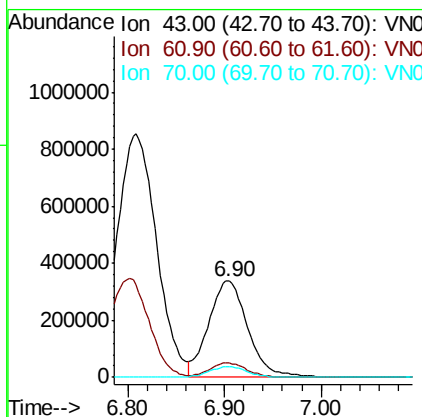
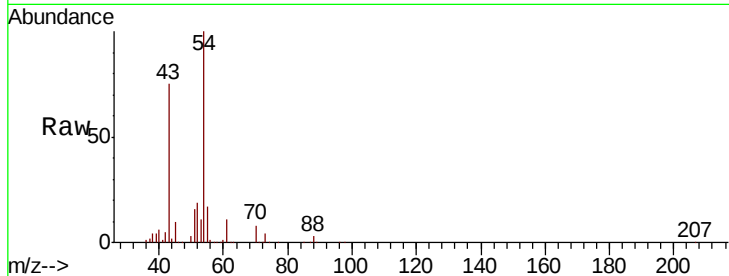
#37
Ethyl Acetate
Concen: 160.004 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.4	11.3	16.9	
70	10.7	8.3	12.5	

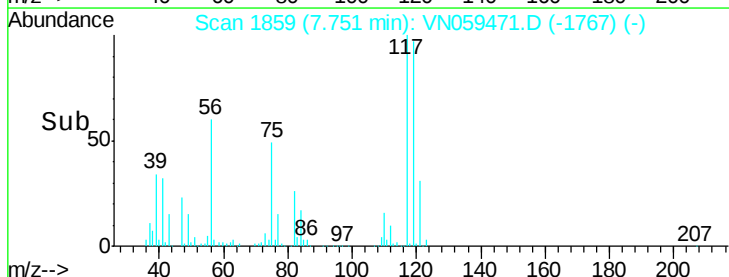
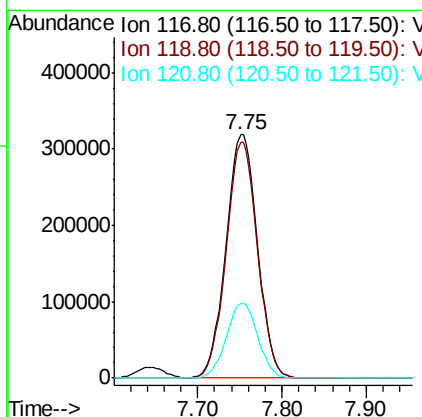
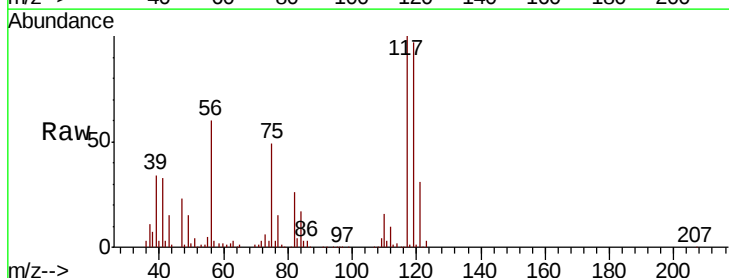
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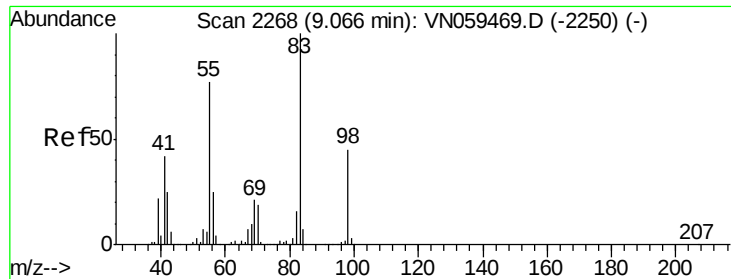
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#38
Carbon Tetrachloride
Concen: 159.676 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	114.8	
121	30.8	24.0	36.0	





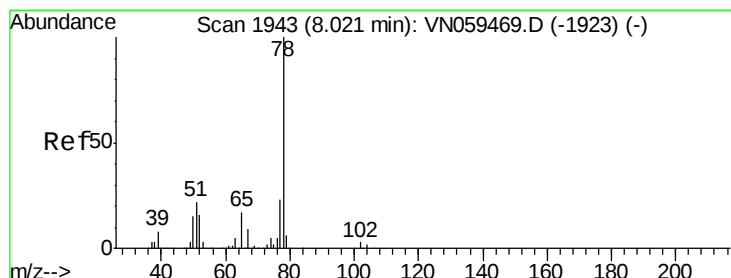
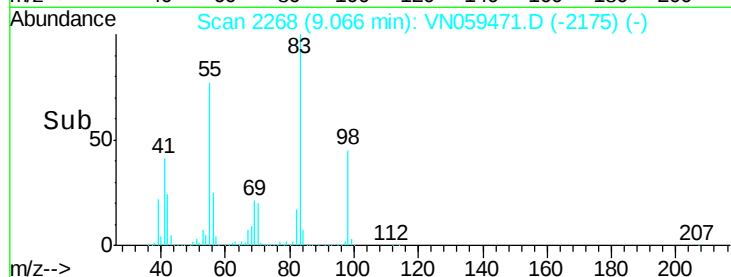
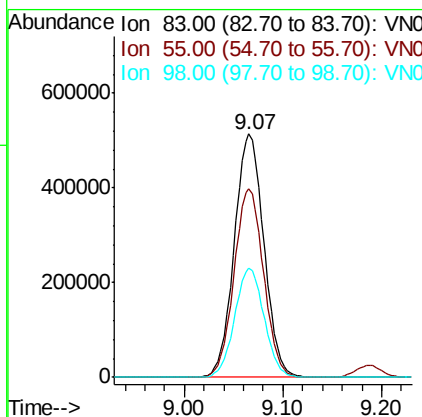
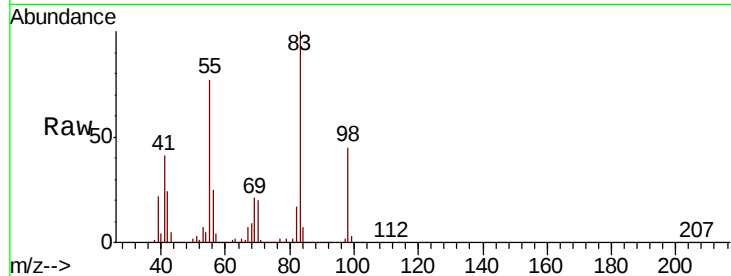
#39
Methvlcvclohexane
Concen: 163.874 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	1070635
Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.8	92.6
98	44.9	36.2	54.2

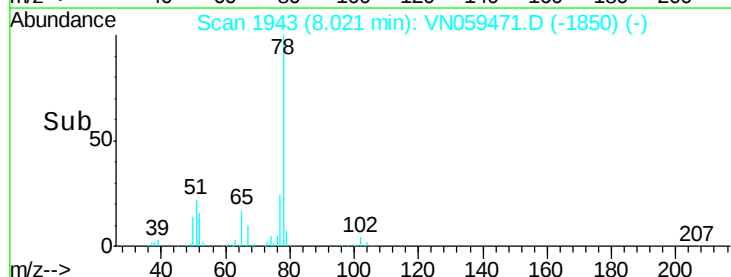
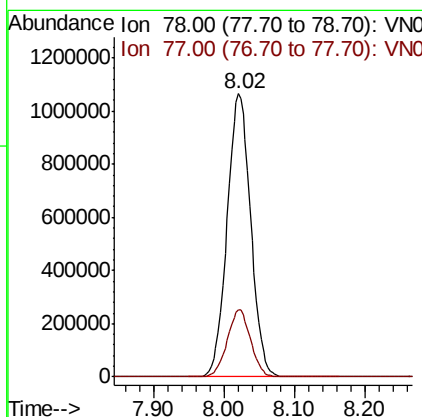
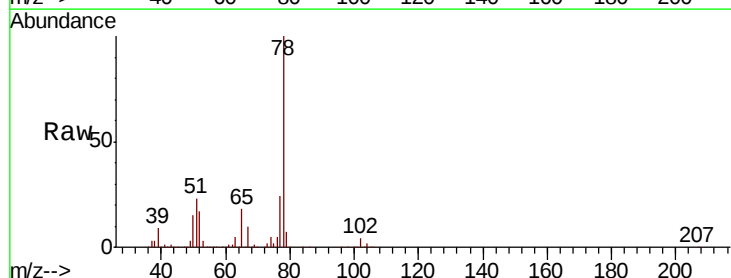
Manual Integrations
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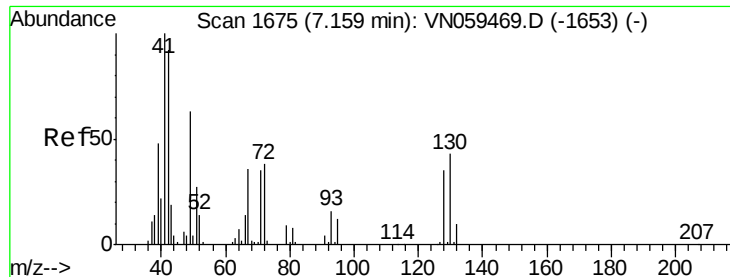
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#40
Benzene
Concen: 153.011 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	78	Resp	2482887
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2





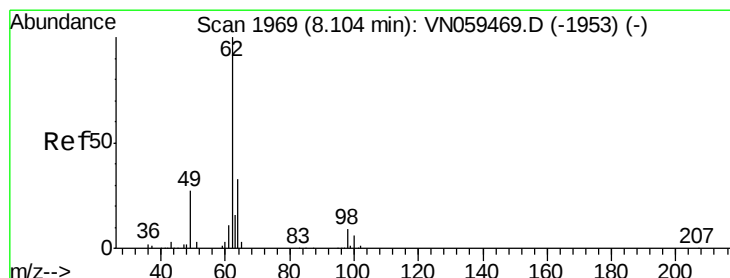
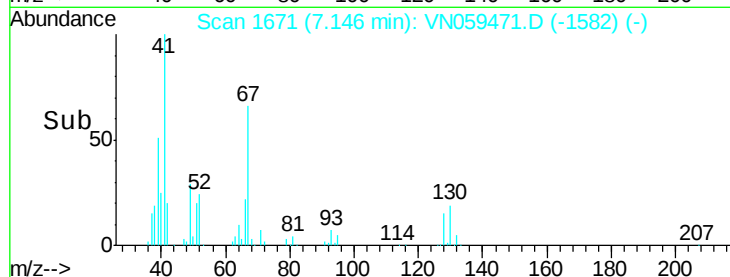
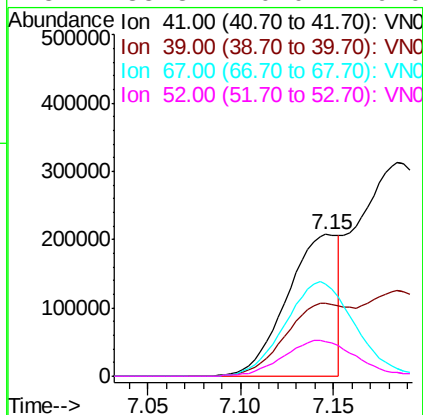
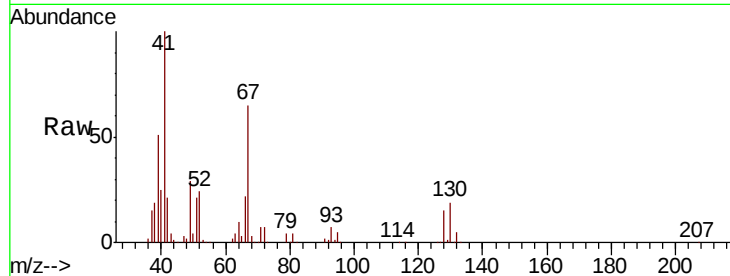
#41
Methacrylonitrile
Concen: 146.037 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	66.9	0.0	0.0#	
67	91.7	0.0	0.0#	
52	35.8	0.0	0.0#	

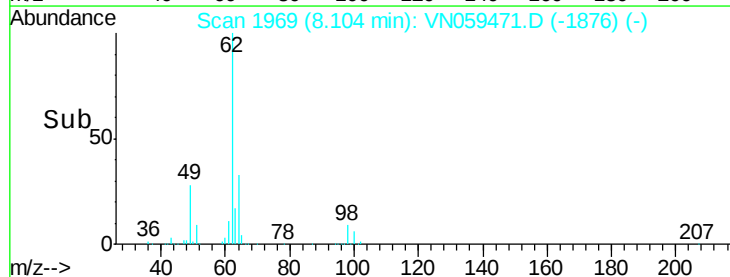
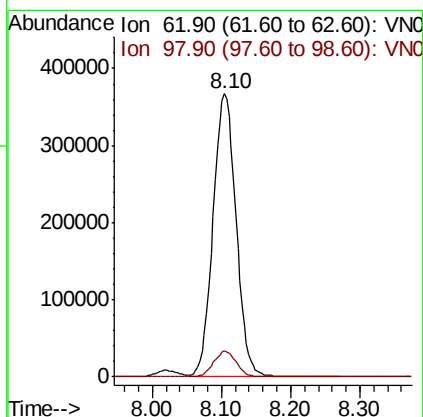
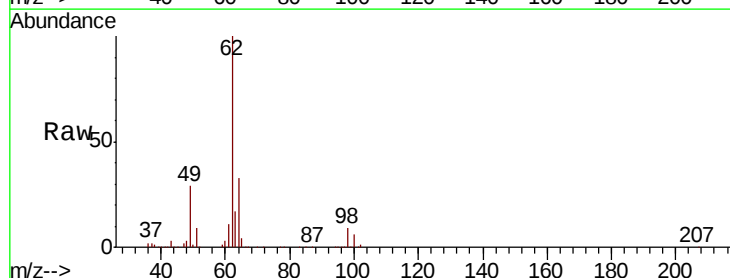
Manual Integrations
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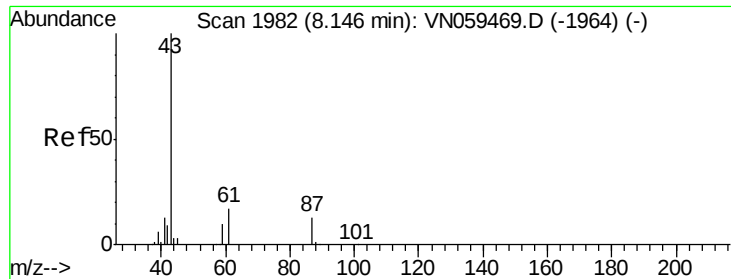
apatel
12/4/2019 9:22:15 AM



#42
1,2-Dichloroethane
Concen: 163.330 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	9.0	0.0	17.8	





#43

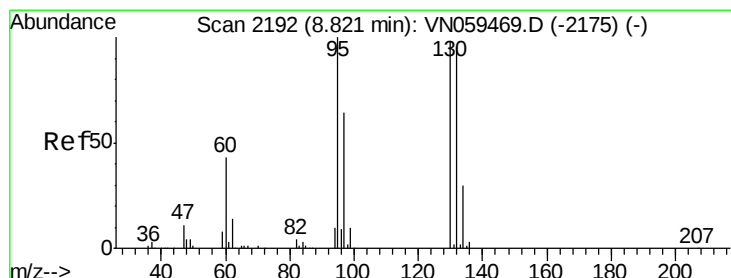
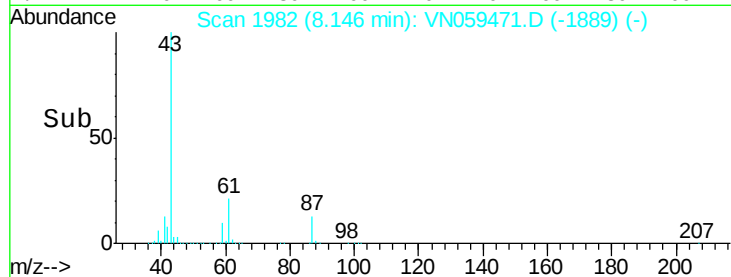
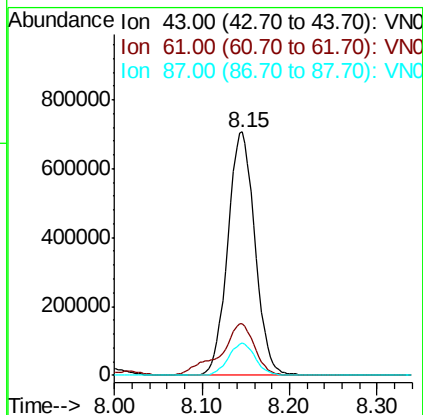
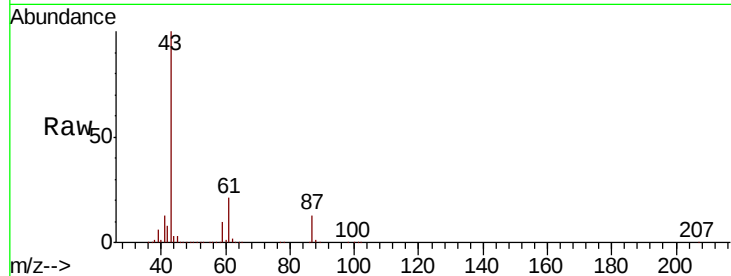
Isopropyl Acetate
 Concen: 170.802 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	43	Resp	1519623
Ion Ratio	100	Lower	Upper
43	100		
61	26.7	21.0	31.6
87	13.0	10.4	15.6

Manual Integrations
 APPROVED

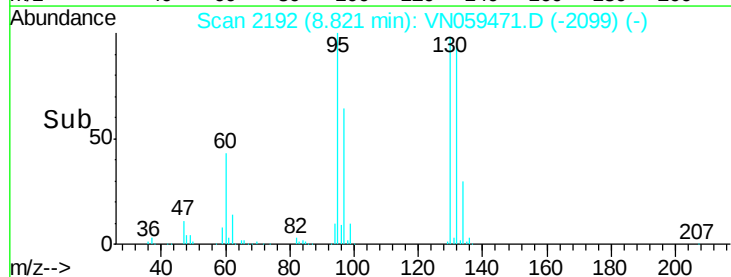
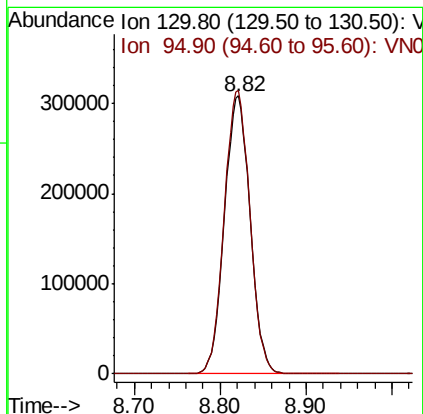
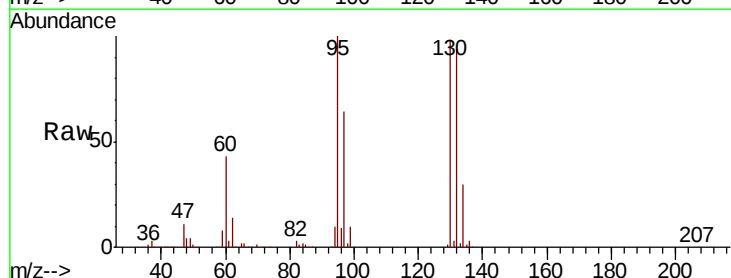
apatel
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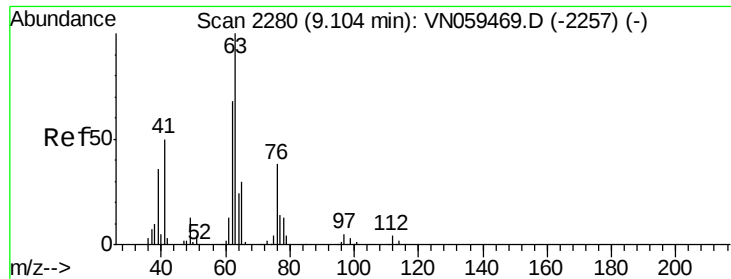


#44

Trichloroethene
 Concen: 155.100 ug/l
 RT: 8.82 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	130	Resp	640527
Ion Ratio	100	Lower	Upper
130	100		
95	101.8	0.0	203.6





#45

1,2-Dichloropropane

Concen: 159.027 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 675208

Ion Ratio Lower Upper

63 100

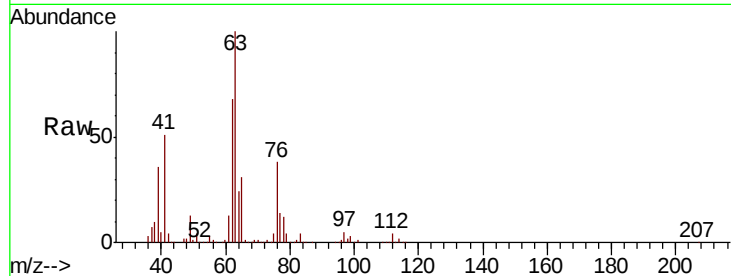
65 30.7 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VN059471.D (-2187) (-)

Ion 64.90 (64.60 to 65.60): VN059471.D (-2187) (-)

9.10

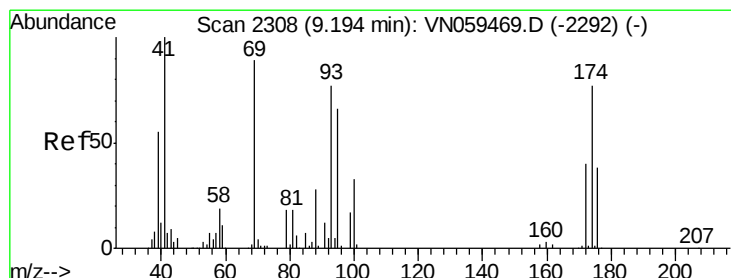
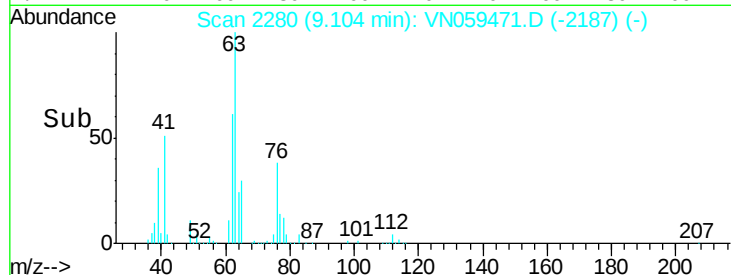
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 160.713 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

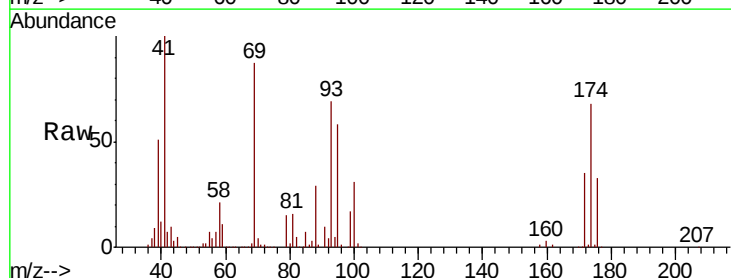
Tgt Ion: 93 Resp: 421784

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 100.0 79.6 119.4



Abundance Ion 92.80 (92.50 to 93.50): VN059471.D (-2215) (-)

Ion 94.80 (94.50 to 95.50): VN059471.D (-2215) (-)

Ion 173.70 (173.40 to 174.40): VN059471.D (-2215) (-)

9.19

250000

200000

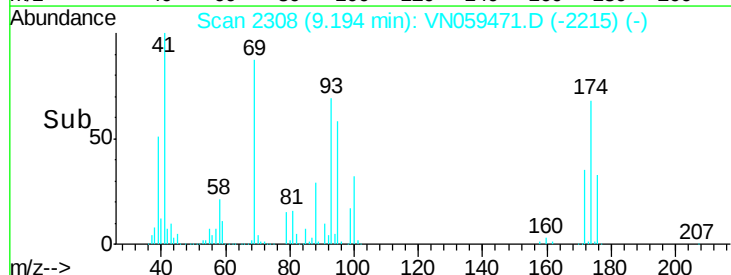
150000

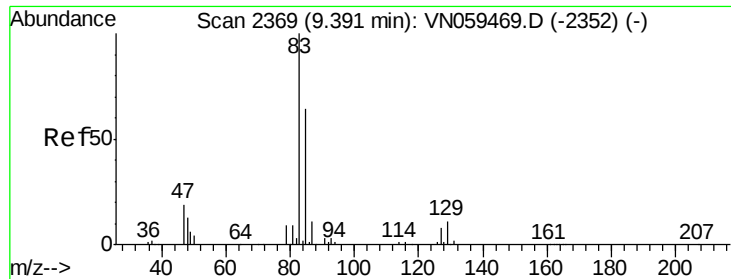
100000

50000

0

Time-->





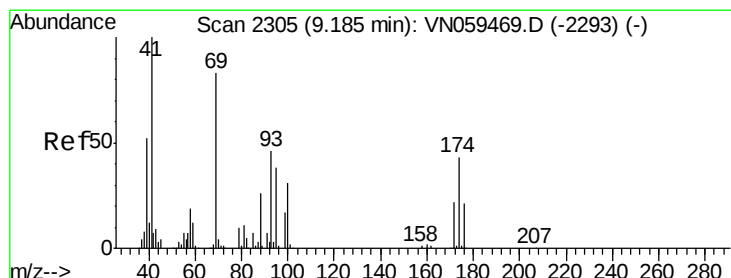
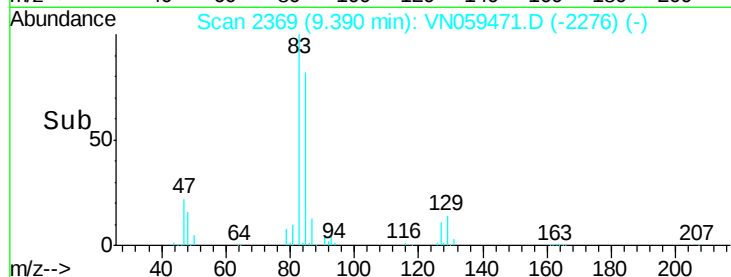
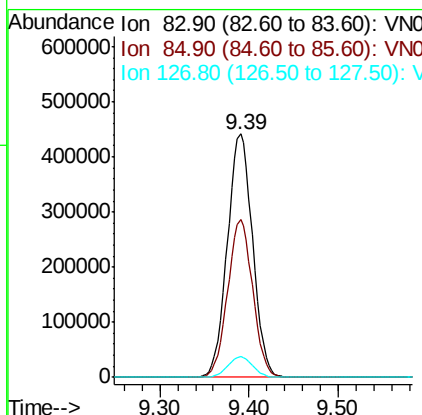
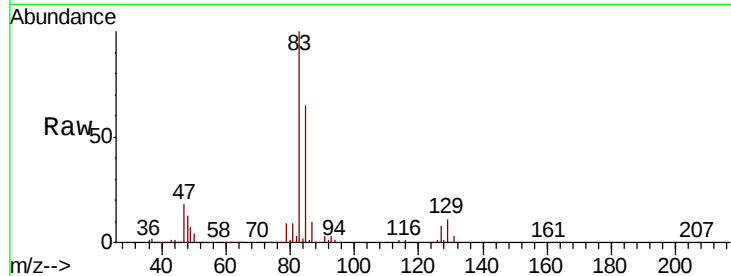
#47
Bromodichloromethane
Concen: 162.603 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.6
127	8.3	6.6	9.8

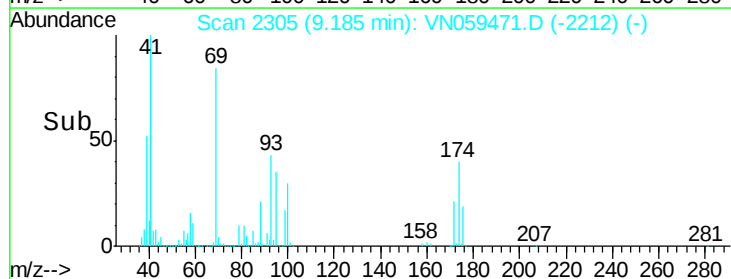
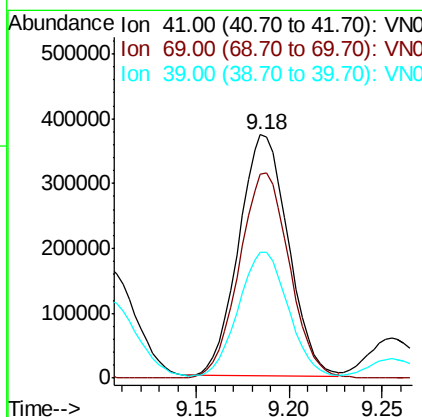
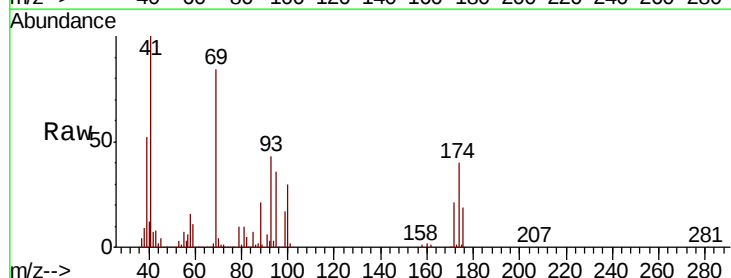
Manual Integrations
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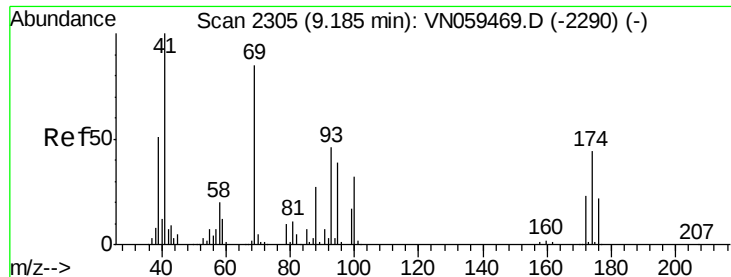
apatel
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#48
Methyl methacrylate
Concen: 174.493 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.4	68.6	103.0
39	53.1	43.2	64.8





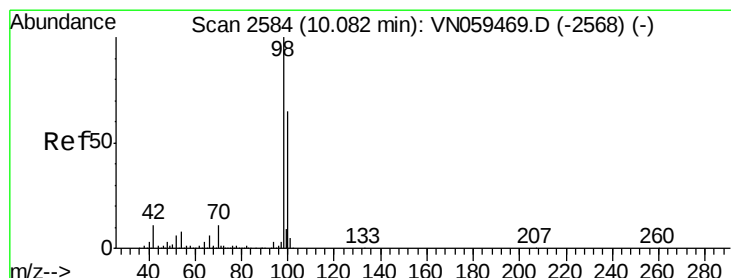
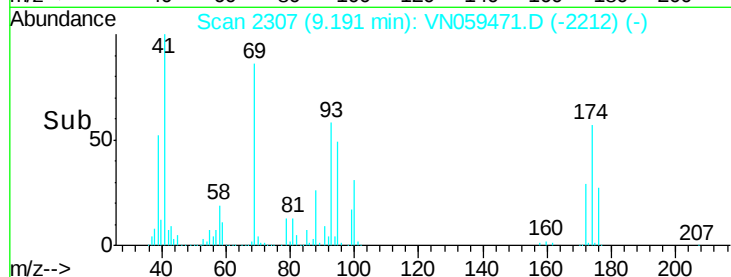
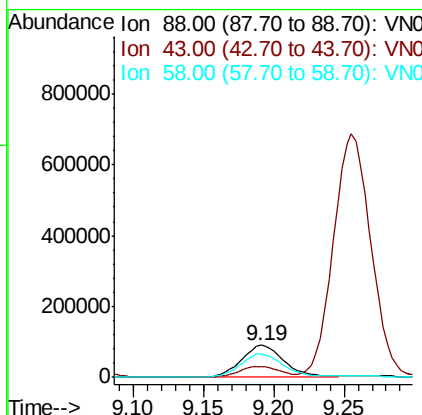
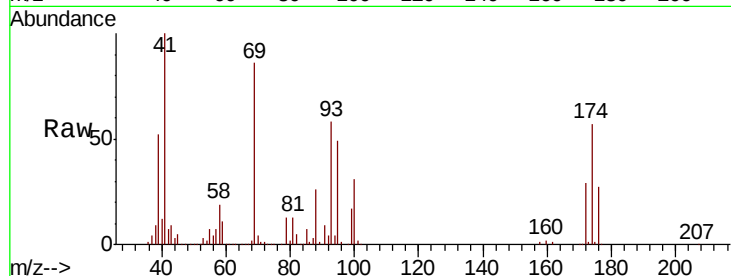
#49
1,4-Dioxane
Concen: 3461.824 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.01 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	194335		
43	32.8		27.1	40.7
58	72.4		57.8	86.6

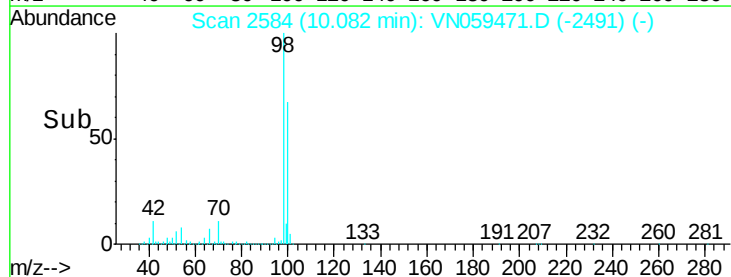
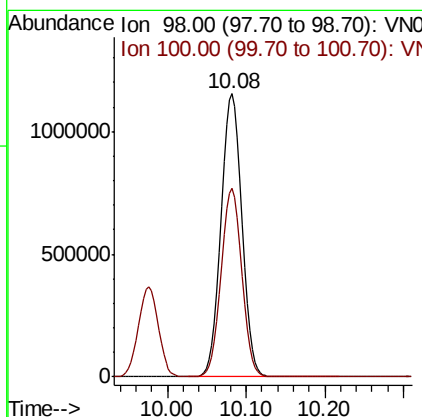
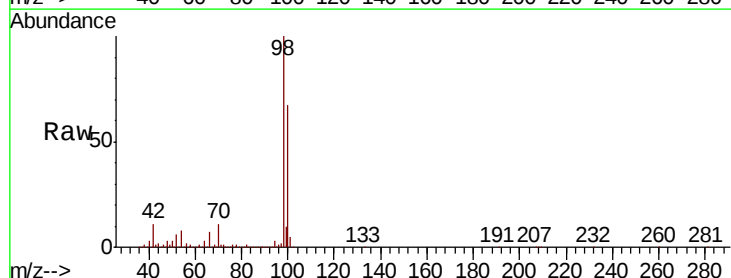
Manual Integrations
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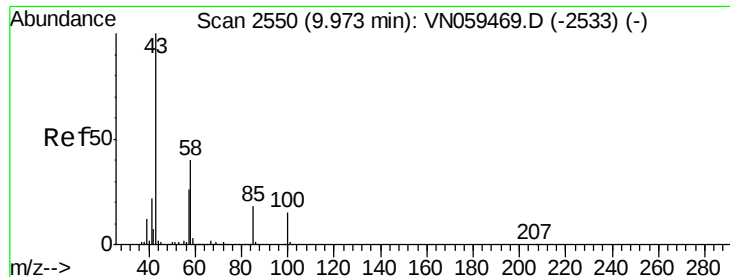
apatel
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#50
Toluene-d8
Concen: 153.840 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	2108265		
100	65.9		52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 766.804 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3986972

Ion Ratio Lower Upper

43 100

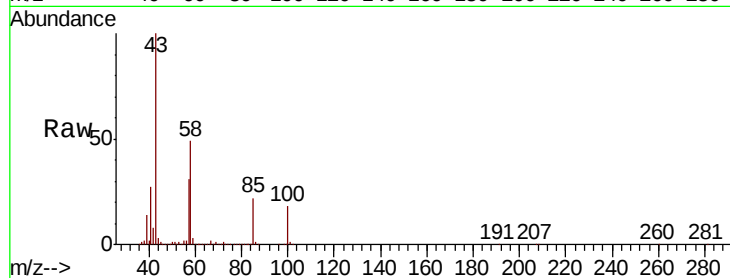
58 44.8 32.1 48.1

Manual Integrations

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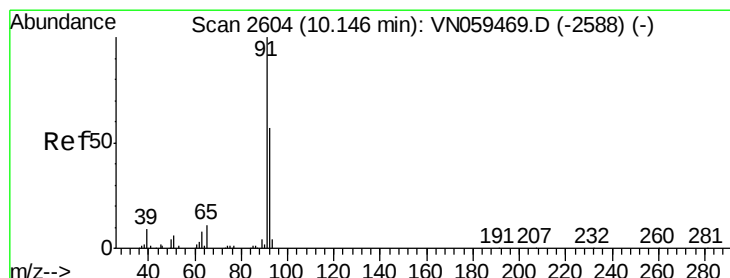
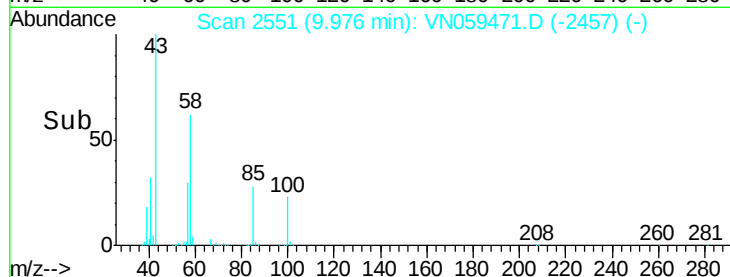
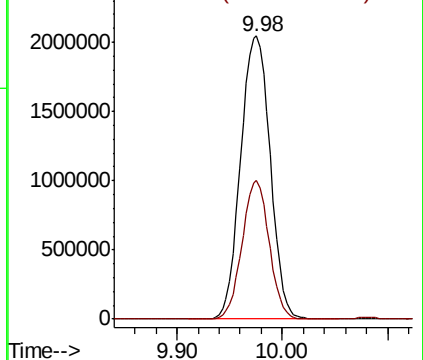
apatel

12/4/2019 9:22:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 157.808 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059471.D

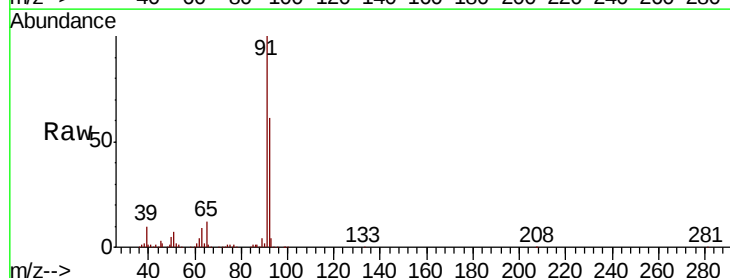
Acq: 3 Dec 2019 15:09

Tgt Ion: 92 Resp: 1531611

Ion Ratio Lower Upper

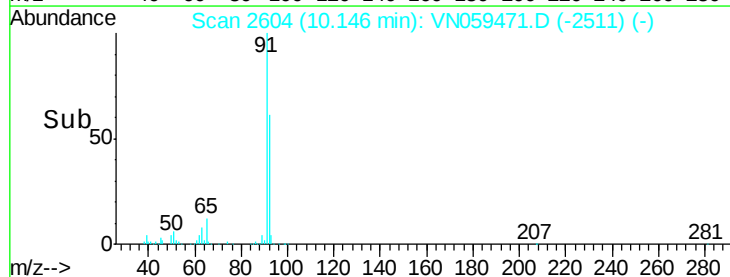
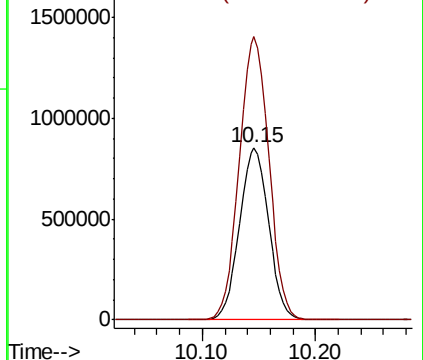
92 100

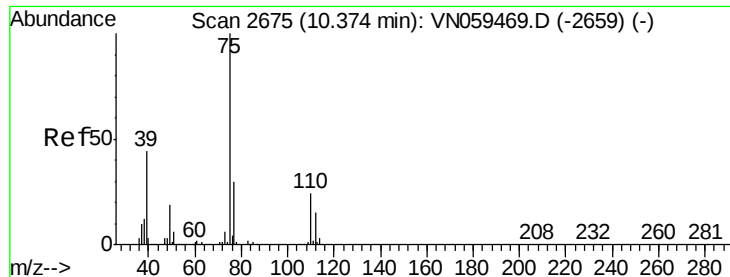
91 168.1 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





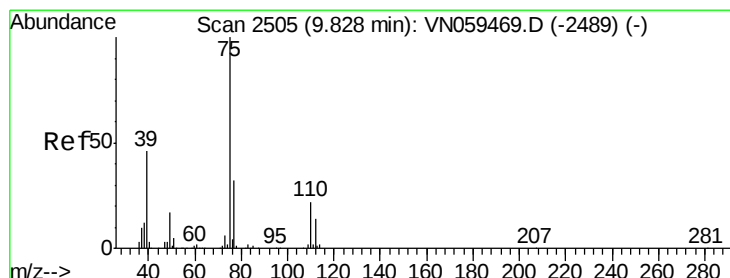
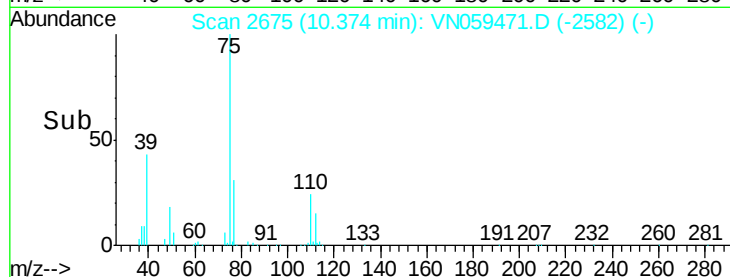
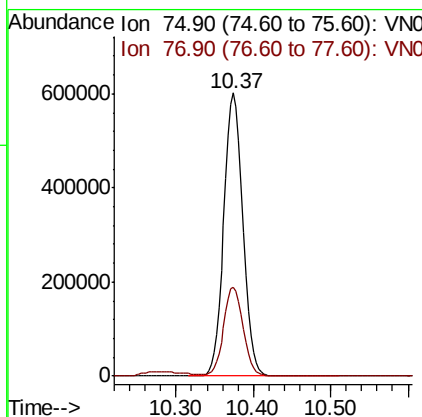
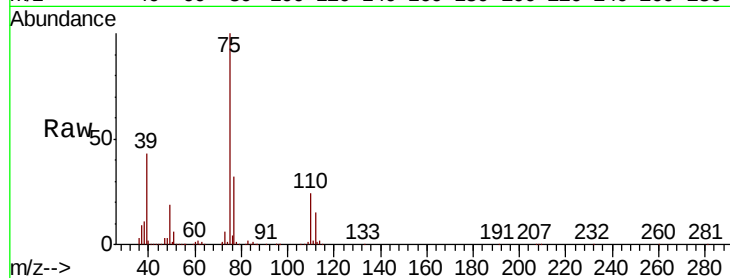
#53
t-1,3-Dichloropropene
Concen: 168.303 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1027924
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

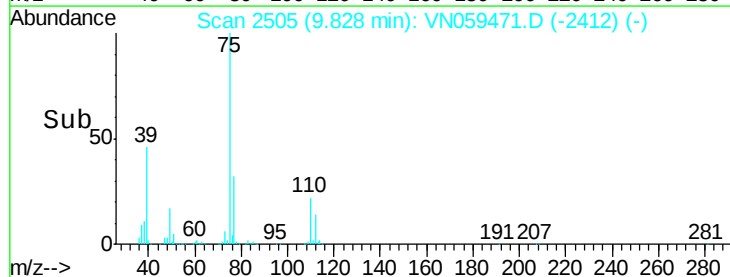
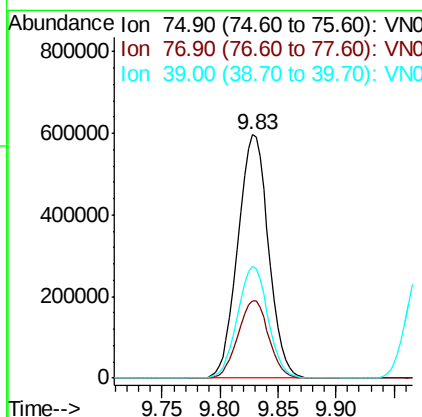
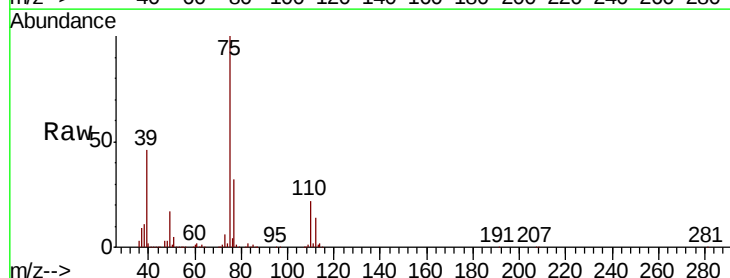
Manual Integrations
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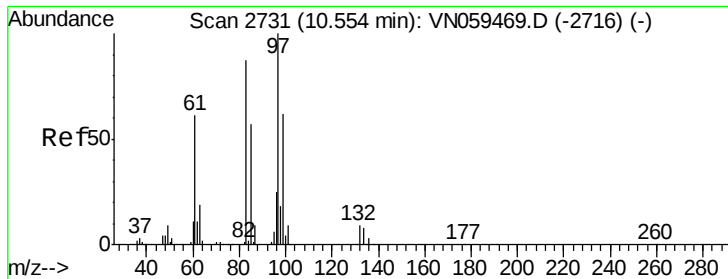
apatel
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#54
cis-1,3-Dichloropropene
Concen: 167.054 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion: 75 Resp: 1097222
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 45.9 36.6 54.8





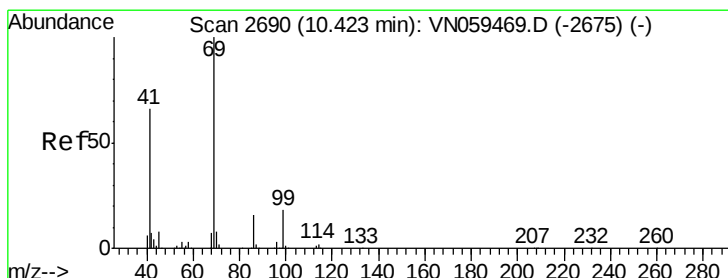
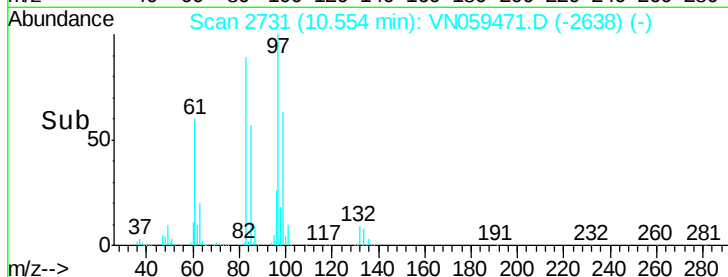
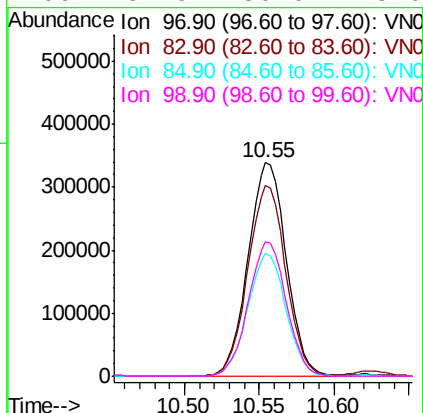
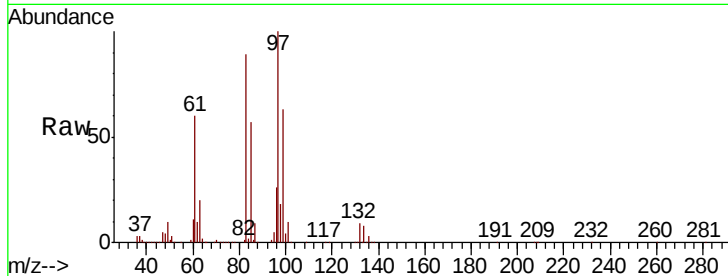
#55
 1,1,2-Trichloroethane
 Concen: 157.670 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Tot Ion:	97	Resp:	601437
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.8	104.8
85	57.5	45.5	68.3
99	62.9	50.0	75.0

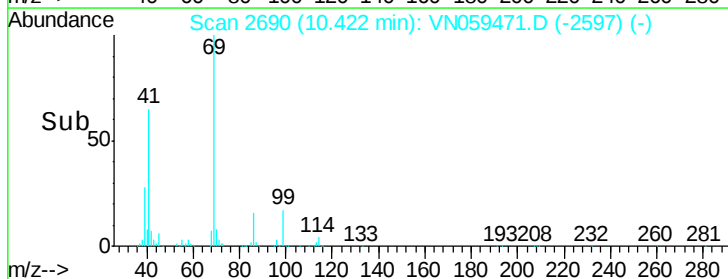
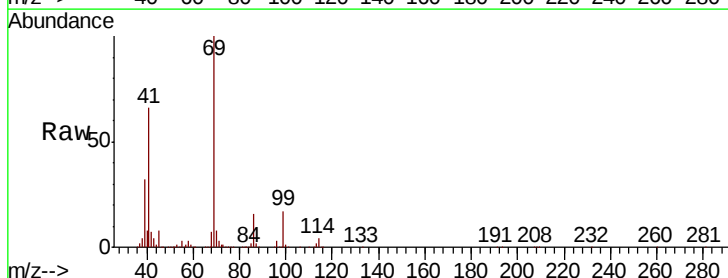
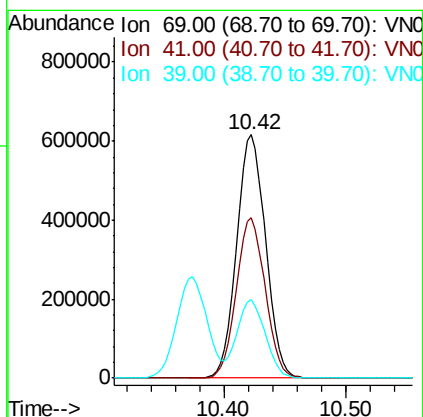
Manual Integrations
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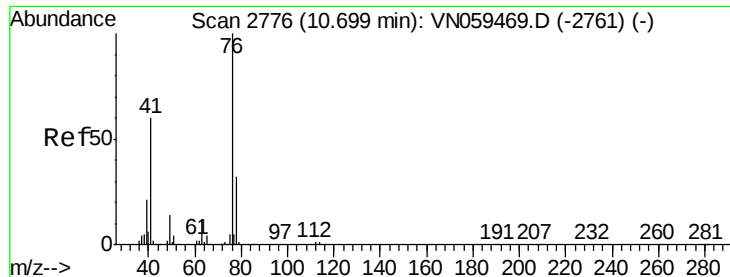
apatel
 12/4/2019 9:22:15 AM



#56
 Ethyl methacrylate
 Concen: 181.100 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion:	69	Resp:	1008767
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.7	79.1
39	31.3	25.0	37.6





#57

1,3-Dichloropropane

Concen: 160.107 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1051700

Ion Ratio Lower Upper

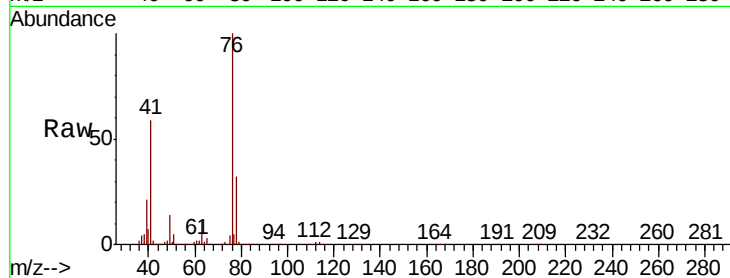
76 100

78 32.5 25.8 38.8

Manual Integrations
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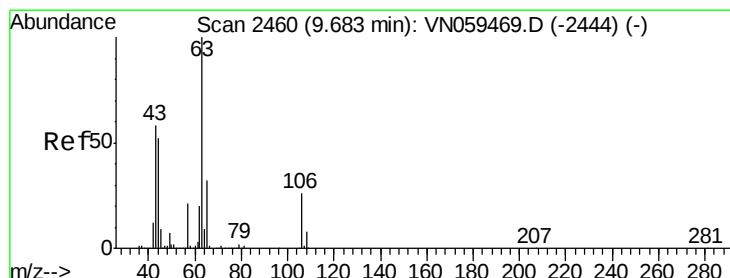
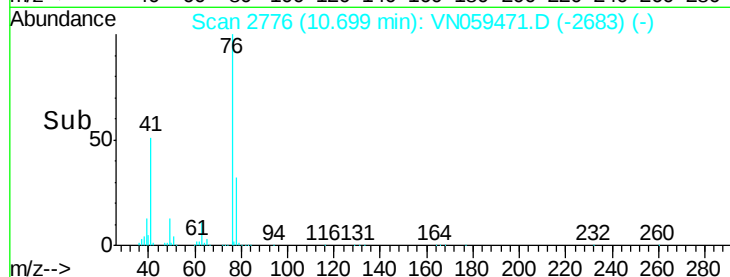
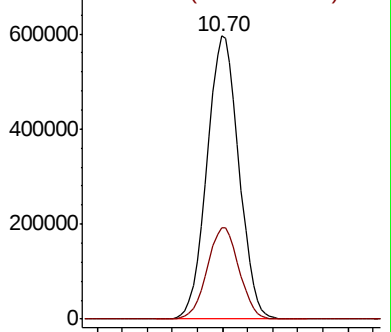
apatel

12/4/2019 9:22:15 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 1110.397 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059471.D

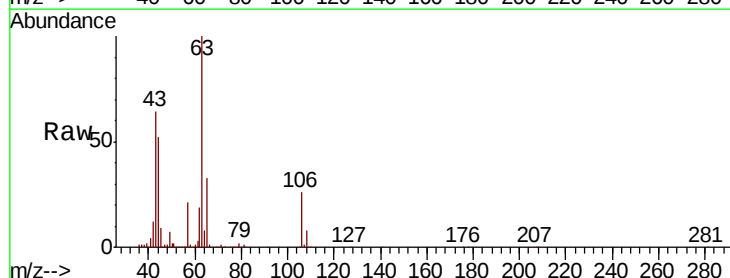
Acq: 3 Dec 2019 15:09

Tgt Ion: 63 Resp: 1783321

Ion Ratio Lower Upper

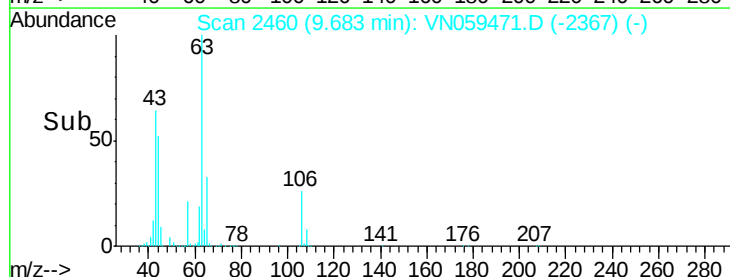
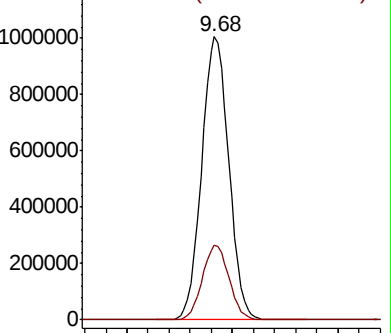
63 100

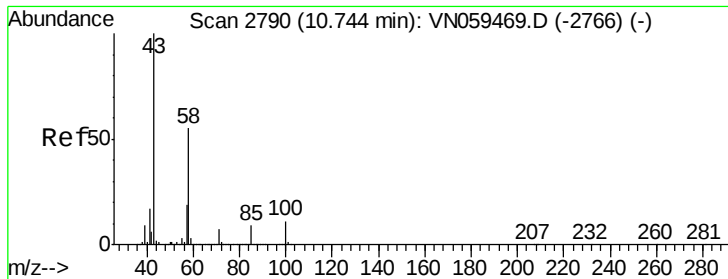
106 26.1 20.4 30.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





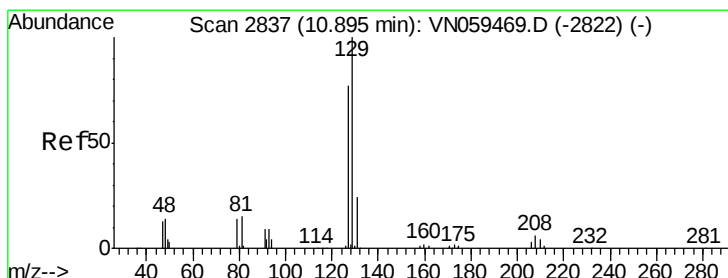
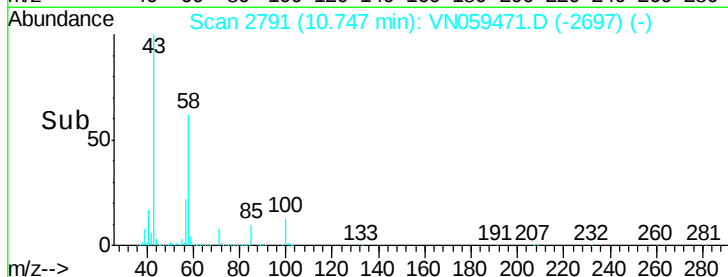
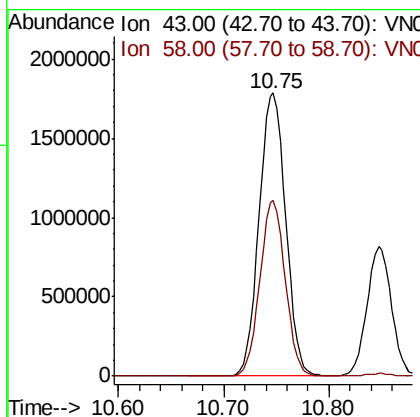
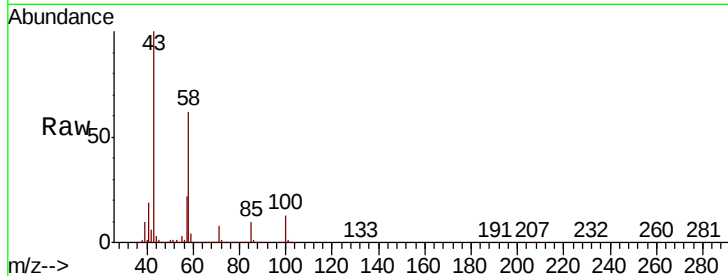
#59
2-Hexanone
Concen: 814.834 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 3149710
Ion Ratio Lower Upper
43 100
58 59.3 27.7 83.0

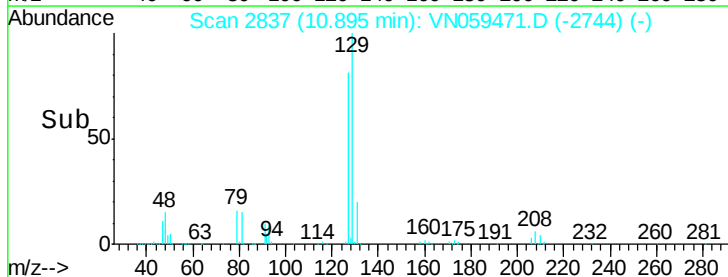
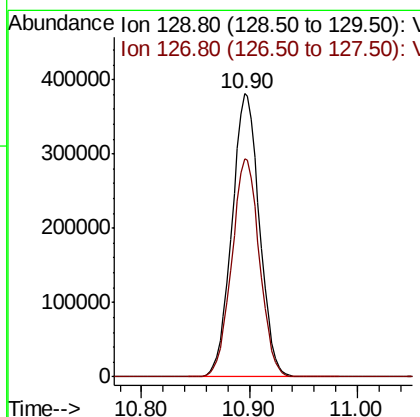
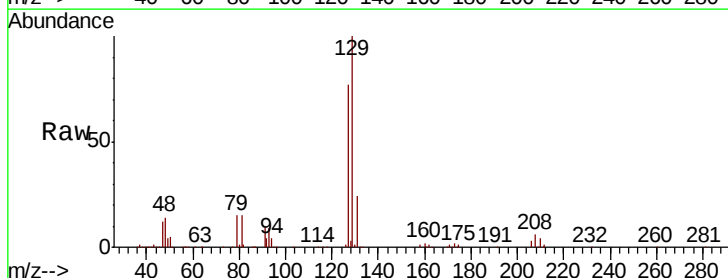
Manual Integrations
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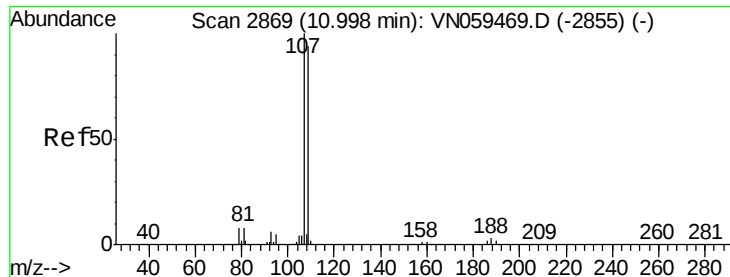
apatel
12/4/2019 9:22:15 AM



#60
Dibromochloromethane
Concen: 170.629 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion: 129 Resp: 676782
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9





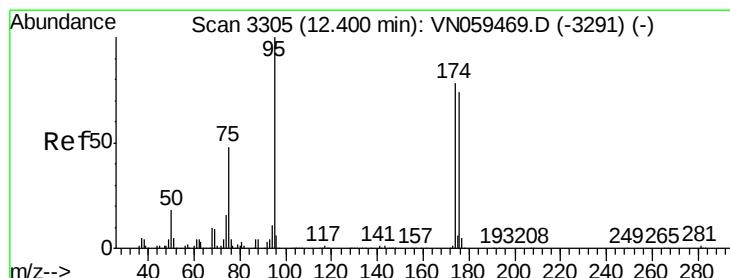
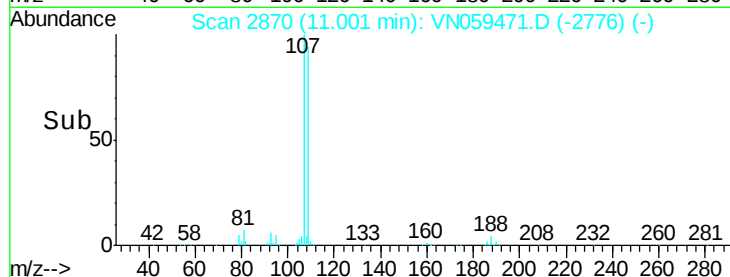
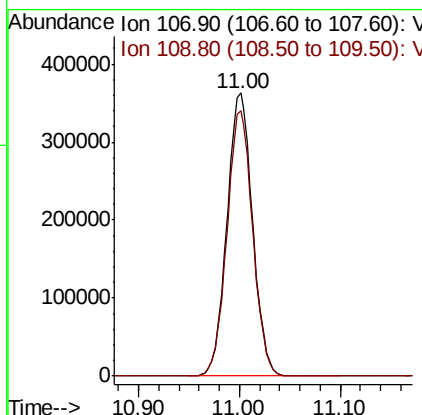
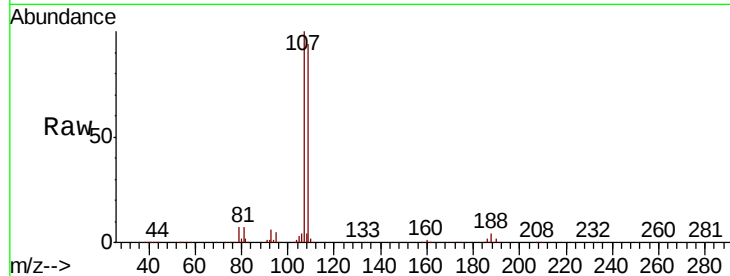
#61
 1,2-Dibromoethane
 Concen: 164.526 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.4	113.0

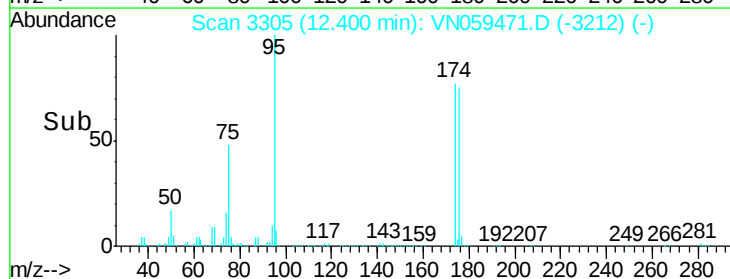
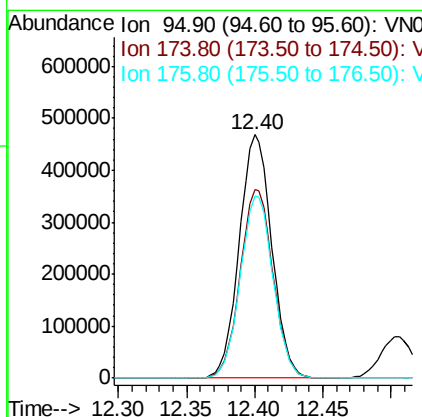
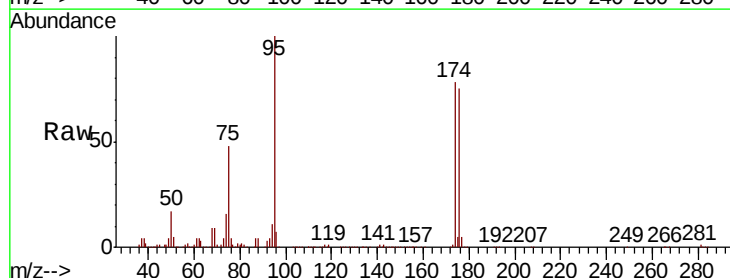
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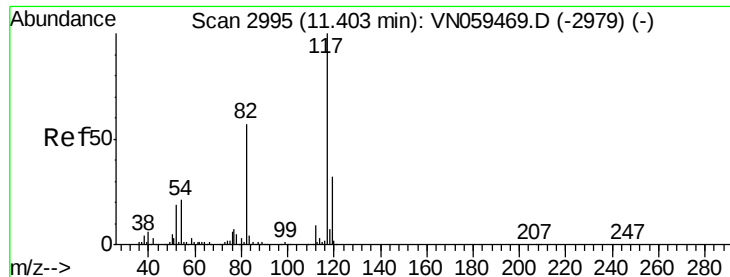
apatel
 12/4/2019 9:22:15 AM



#62
 4-Bromofluorobenzene
 Concen: 161.919 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	157.0
176	75.5	0.0	152.4





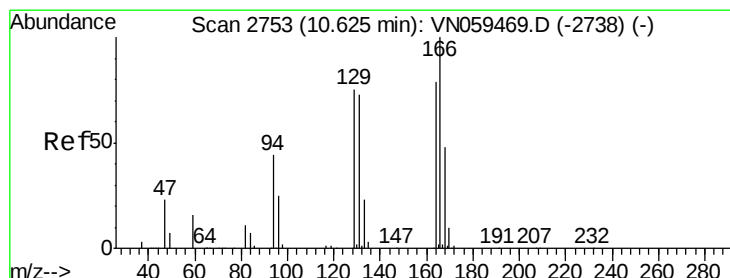
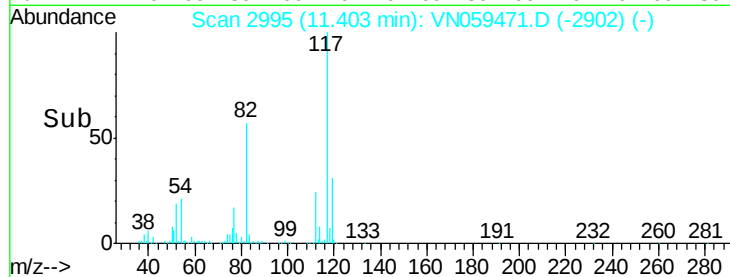
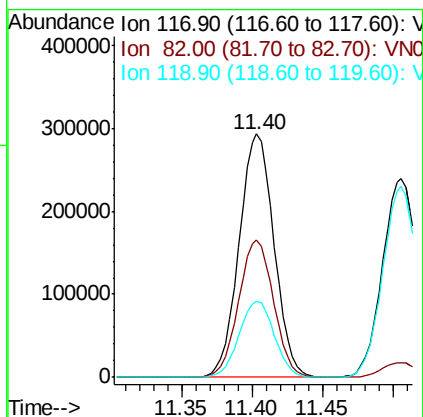
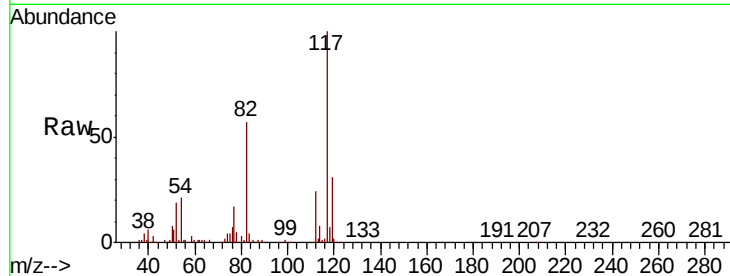
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	508433		
82	56.5	45.8	68.8	
119	31.5	25.4	38.0	

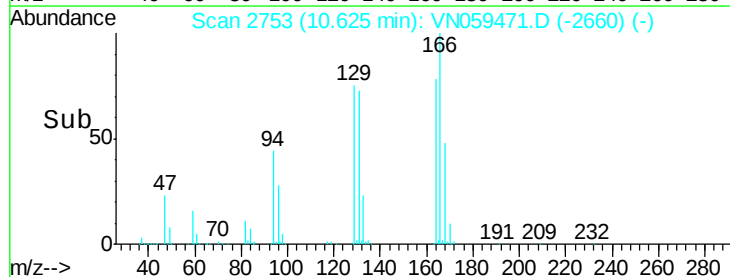
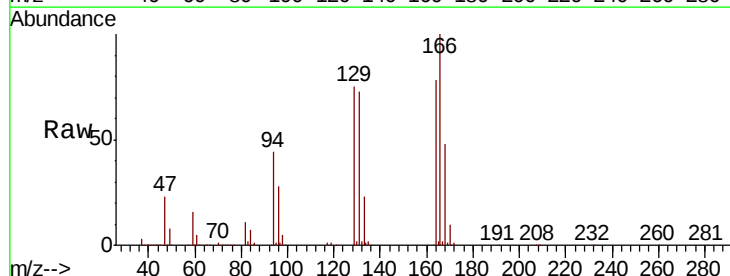
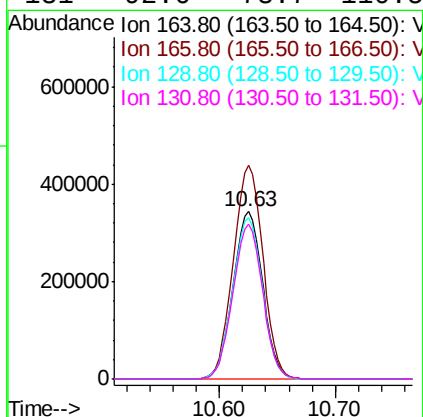
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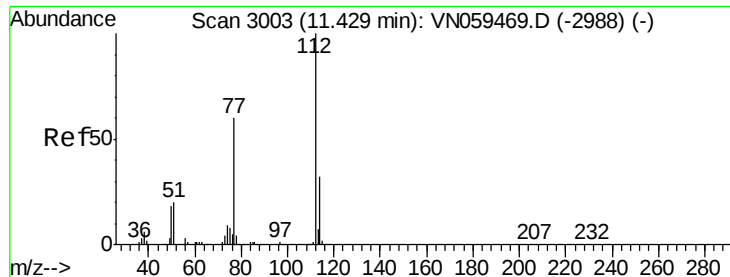
apatel
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#64
Tetrachloroethene
Concen: 159.135 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	606451		
166	127.8	101.2	151.8	
129	96.2	76.1	114.1	
131	92.6	73.7	110.5	





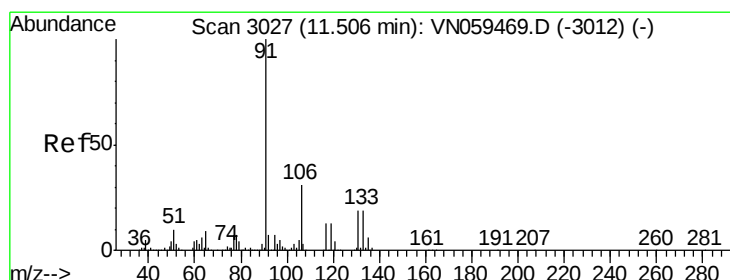
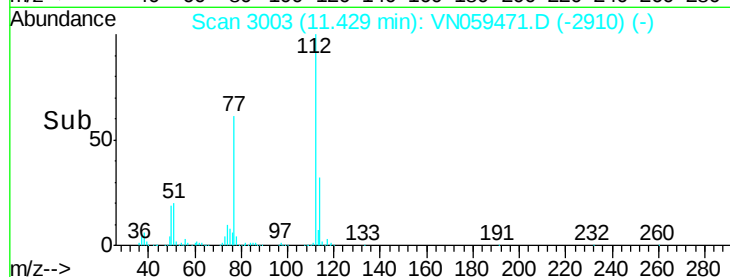
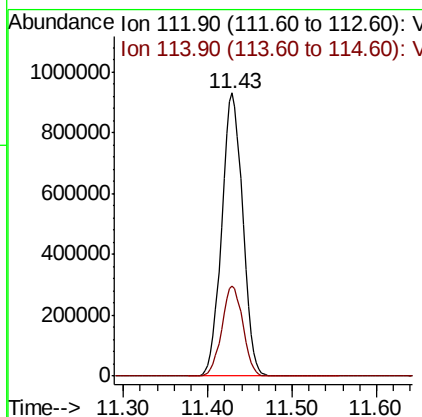
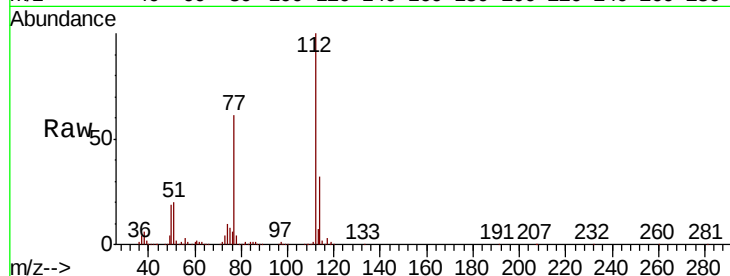
#65
Chlorobenzene
Concen: 154.110 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion:112 Resp: 1603789
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

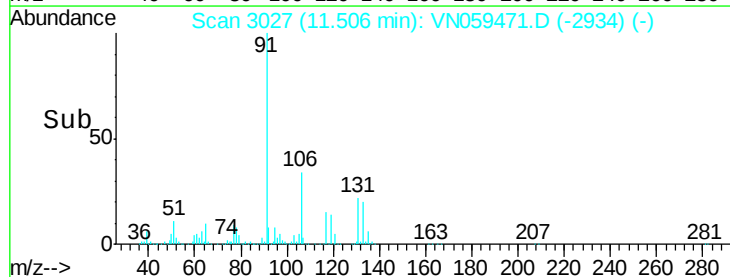
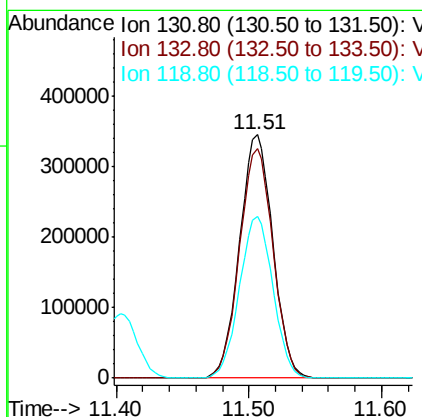
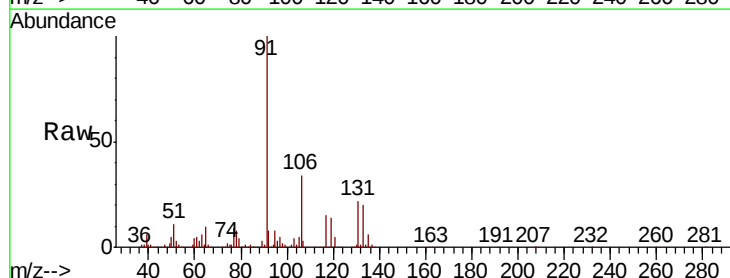
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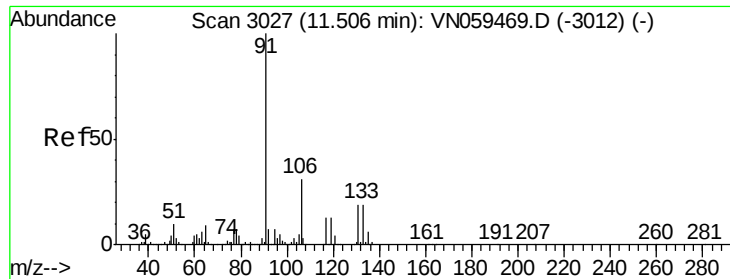
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 159.156 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion:131 Resp: 601362
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 67.0 33.9 101.6





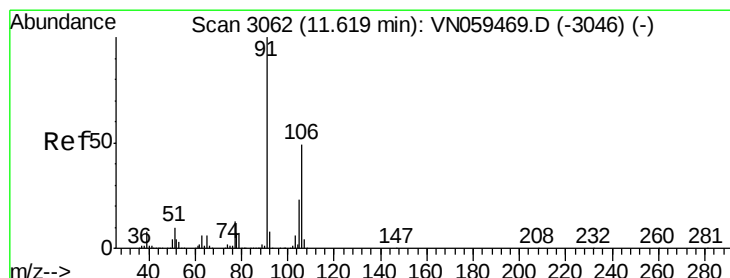
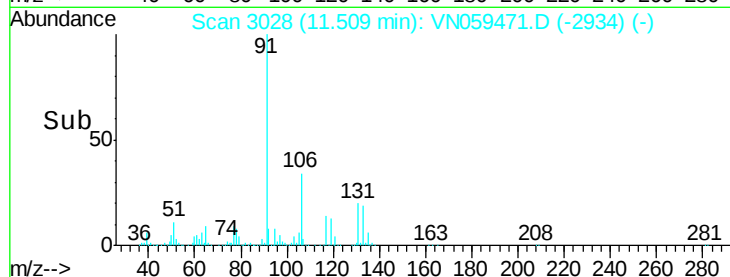
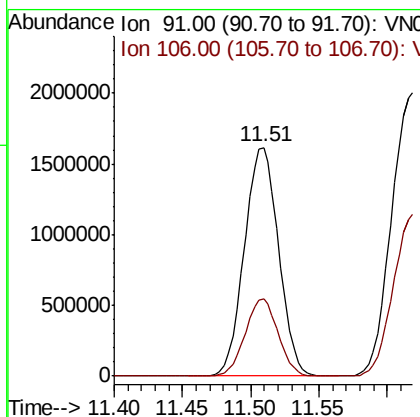
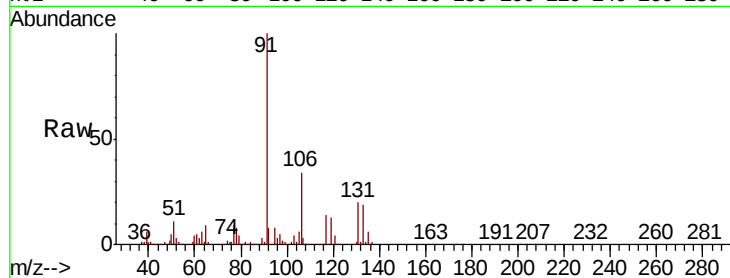
#67
Ethyl Benzene
Concen: 153.584 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2814848
Ion Ratio Lower Upper
91 100
106 33.9 24.7 37.1

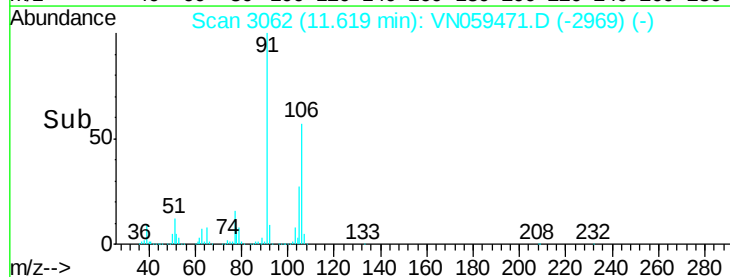
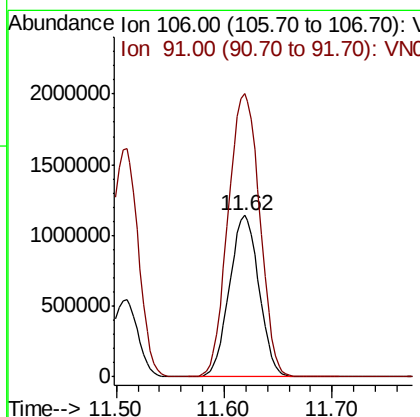
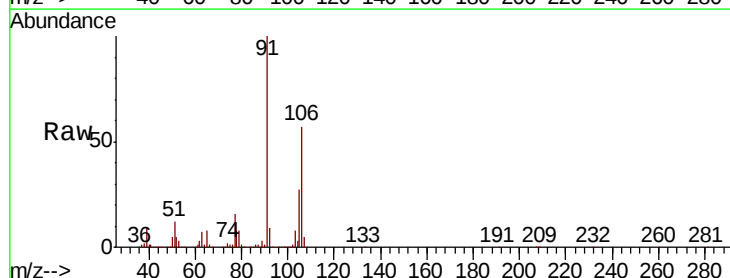
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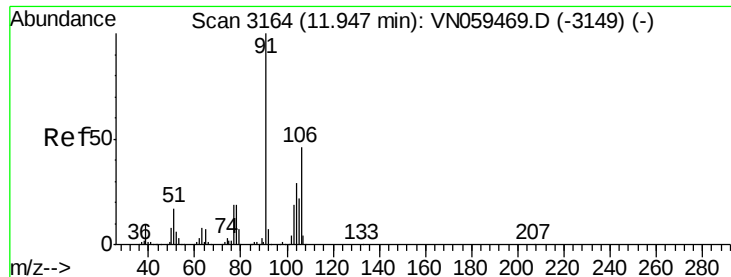
apatel
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#68
m/p-Xylenes
Concen: 318.149 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion: 106 Resp: 2182157
Ion Ratio Lower Upper
106 100
91 187.6 162.2 243.4





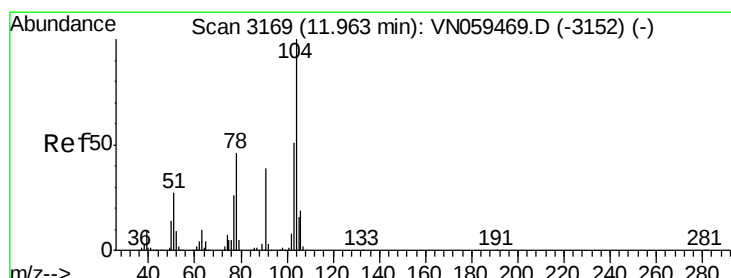
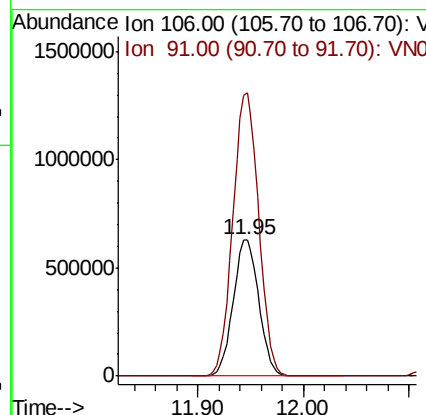
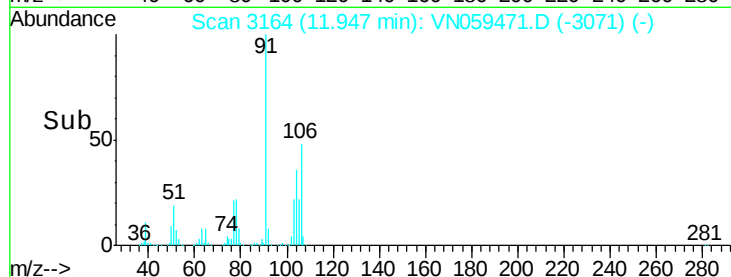
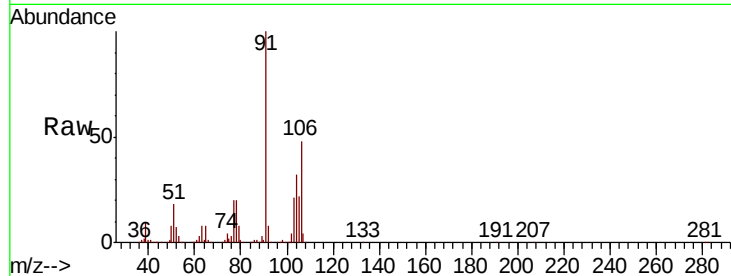
#69
o-Xylene
Concen: 160.696 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1052682
Ion Ratio Lower Upper
106 100
91 210.0 108.5 325.3

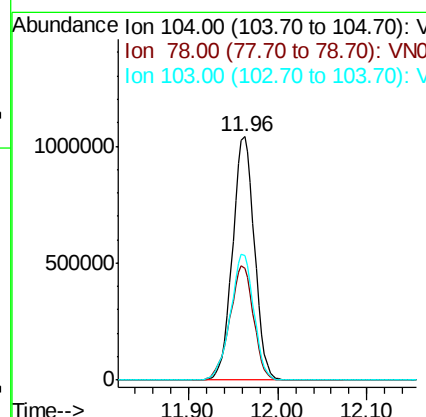
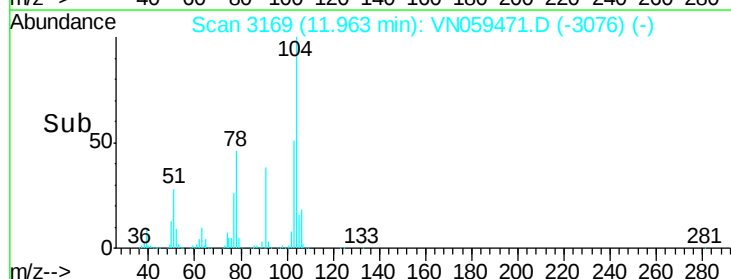
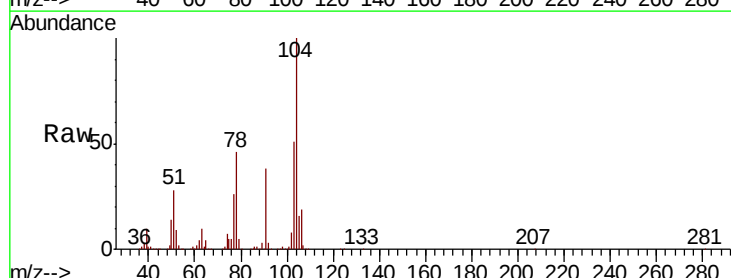
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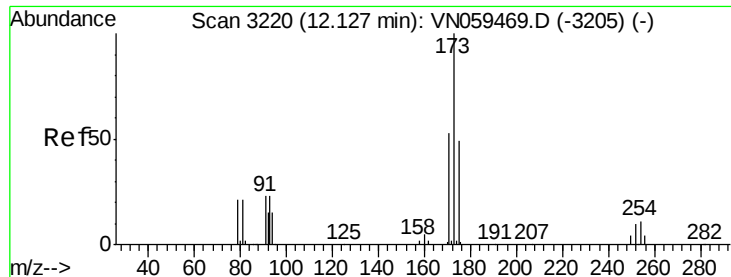
apatel
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#70
Styrene
Concen: 171.967 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion:104 Resp: 1766600
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.2 44.7 67.1





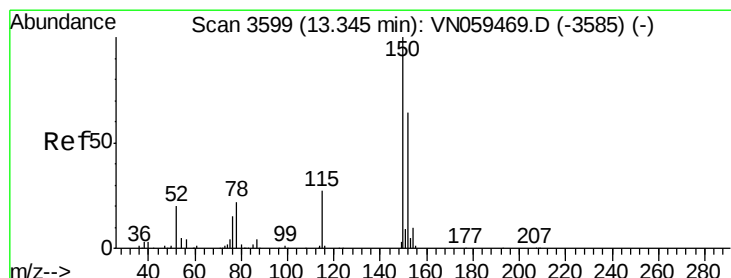
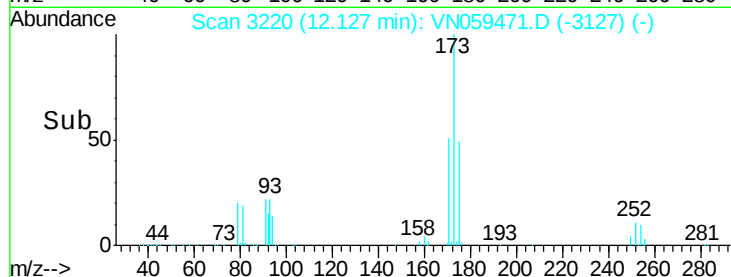
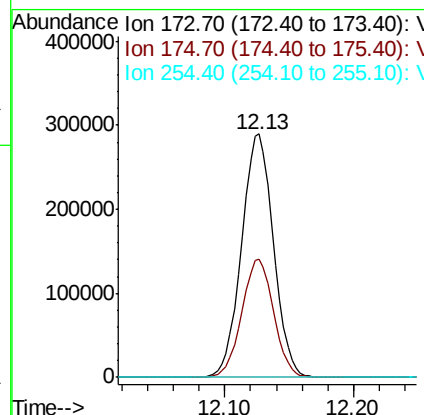
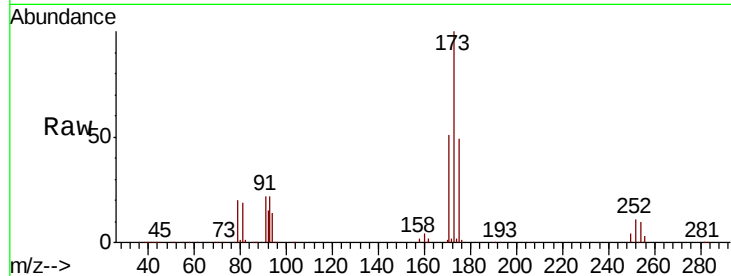
#71
Bromoform
Concen: 171.828 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	73.0
254	0.1	0.0	0.0#

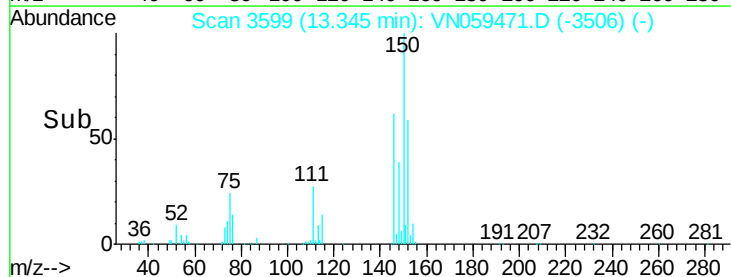
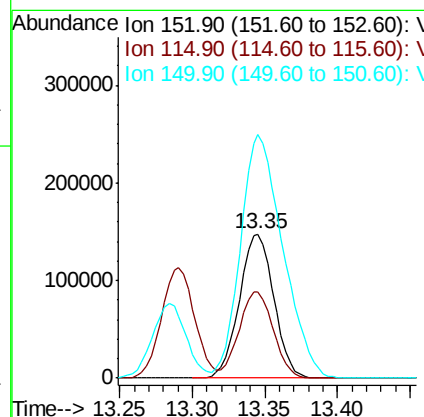
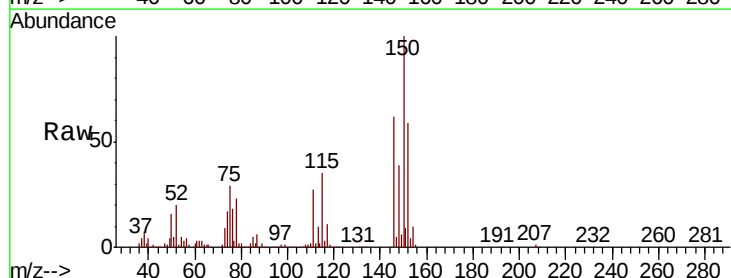
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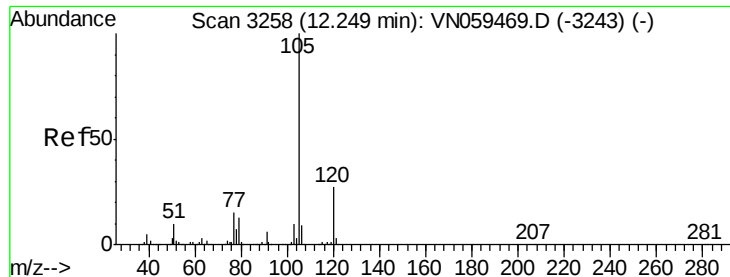
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.2	87.6
150	207.8	0.0	352.8





#73

Isopropylbenzene

Concen: 148.798 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2710166

Ion Ratio Lower Upper

105 100

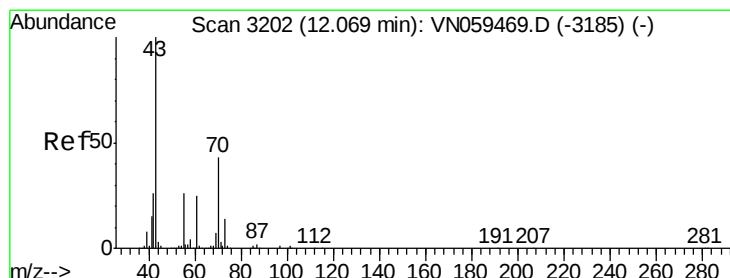
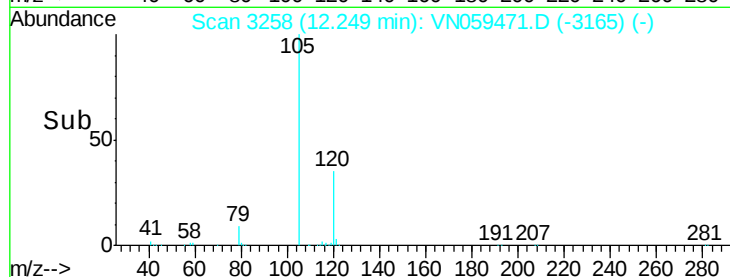
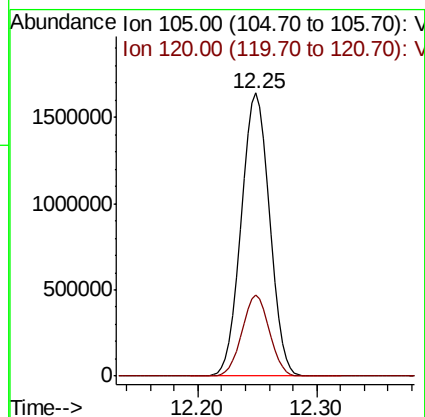
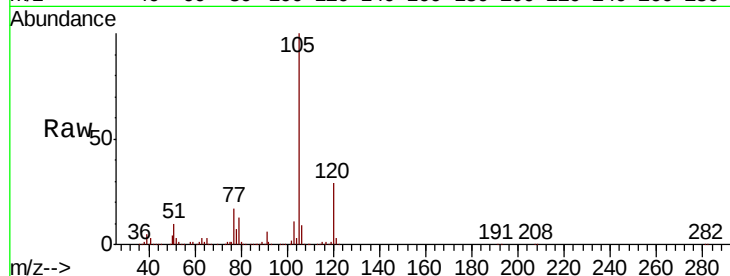
120 27.6 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 178.669 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion: 43 Resp: 1242709

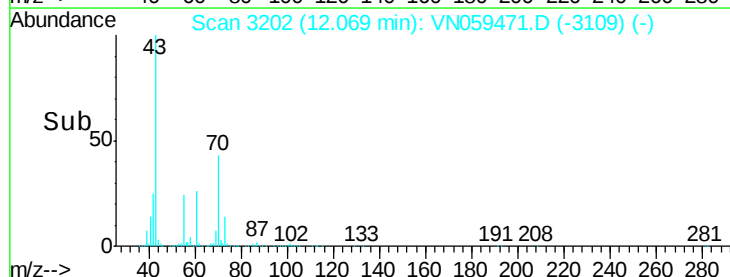
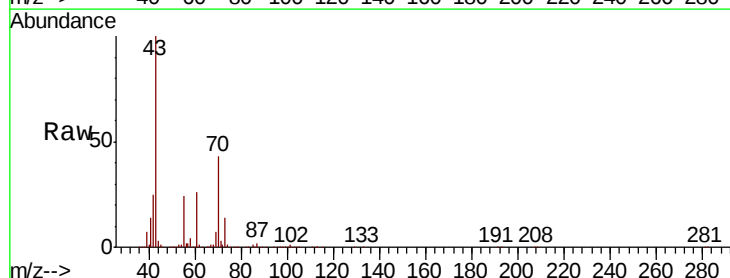
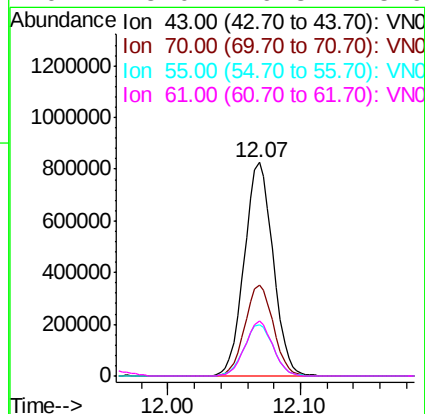
Ion Ratio Lower Upper

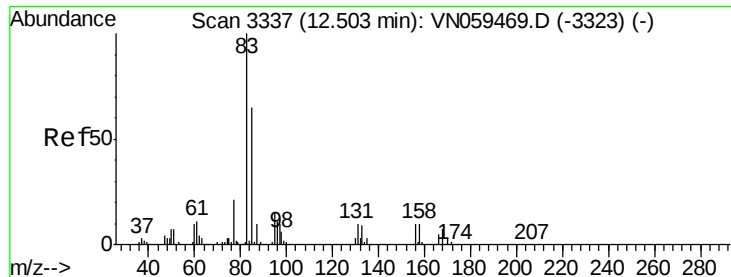
43 100

70 42.4 34.2 51.2

55 24.6 20.6 31.0

61 25.0 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 146.860 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

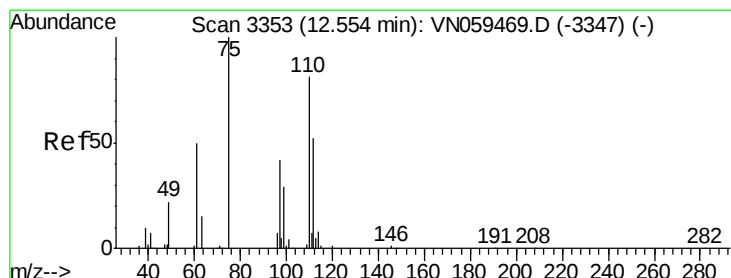
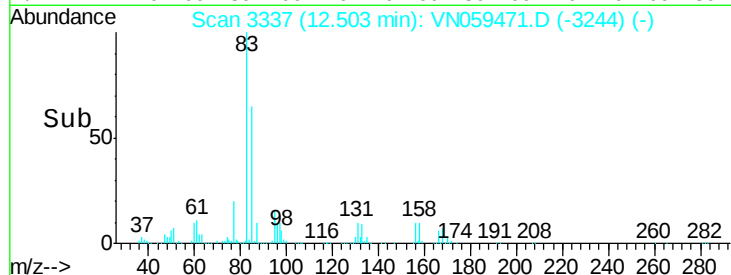
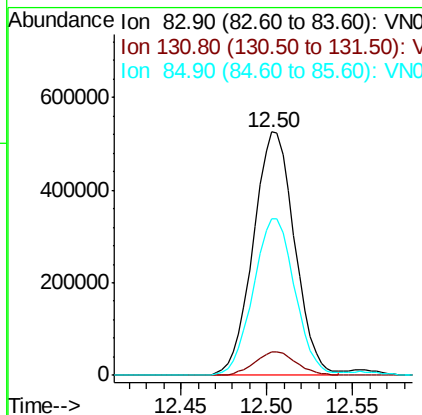
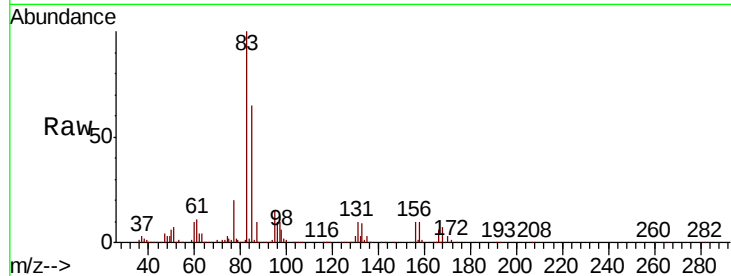
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	877904
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.5	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 151.732 ug/l m

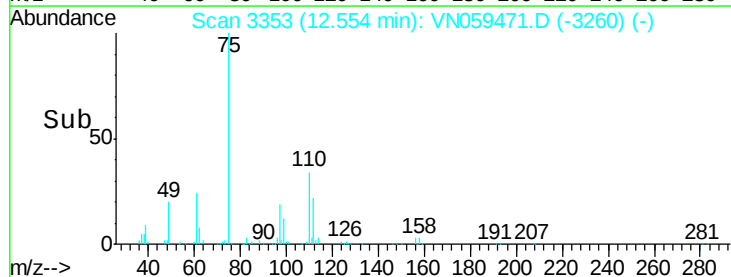
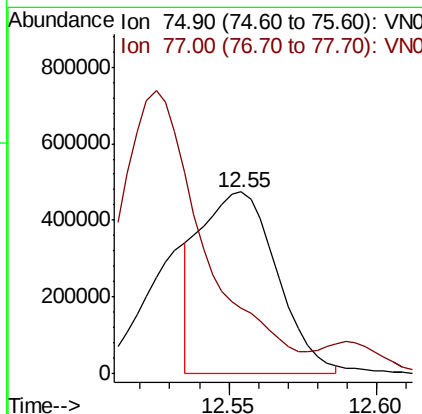
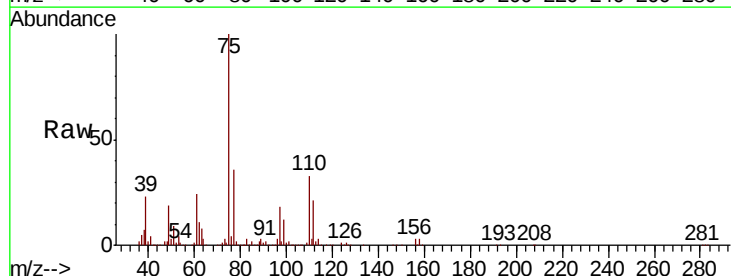
RT: 12.55 min Scan# 3353

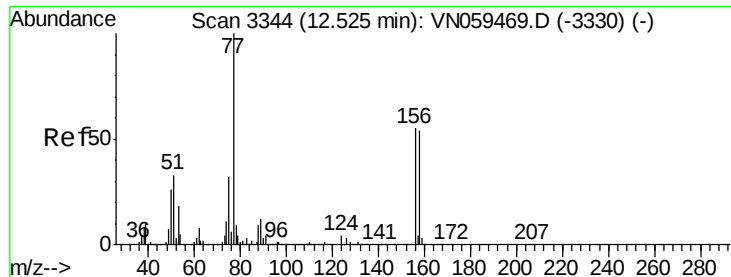
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion:	75	Resp:	856255
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 151.227 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

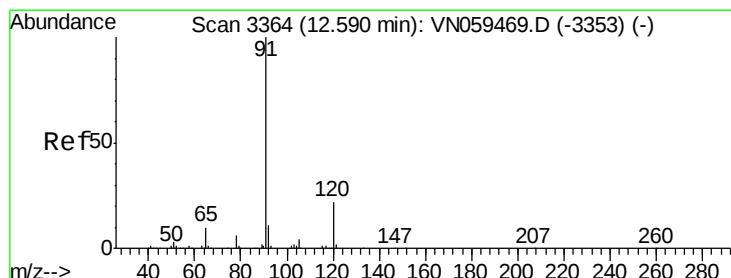
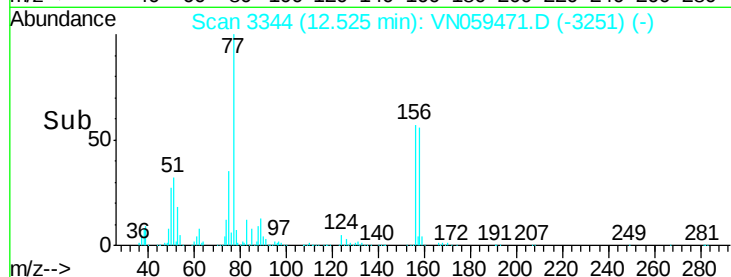
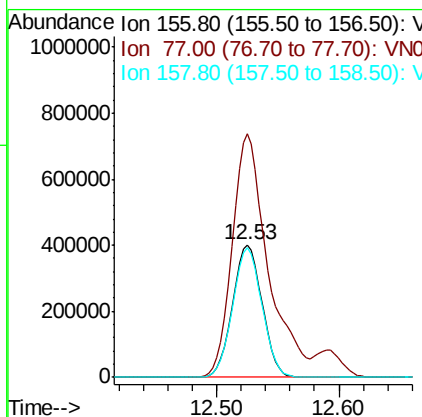
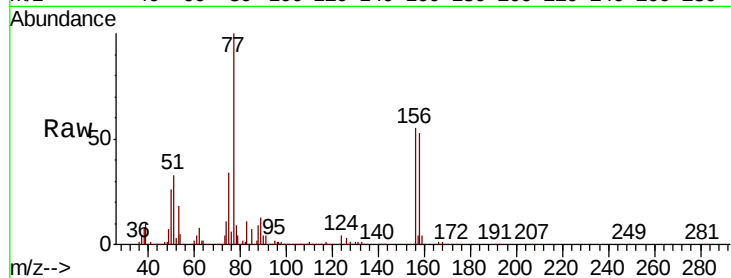
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	223.1	110.3	331.0
158	97.2	48.5	145.5

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#78

n-propylbenzene

Concen: 148.394 ug/l

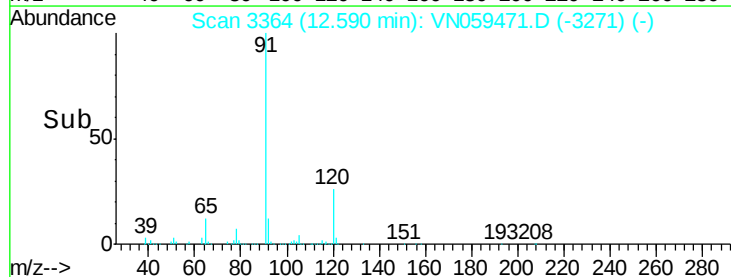
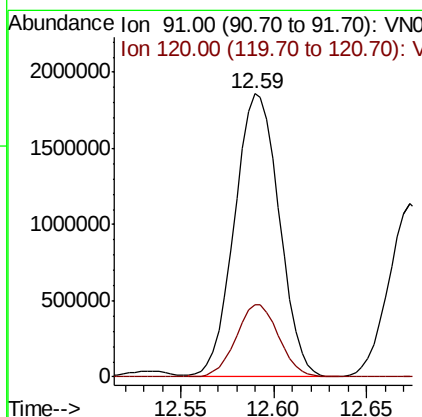
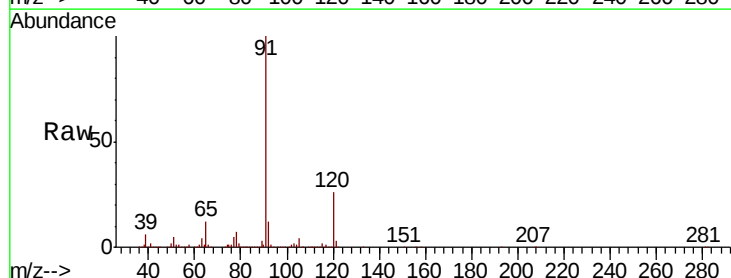
RT: 12.59 min Scan# 3364

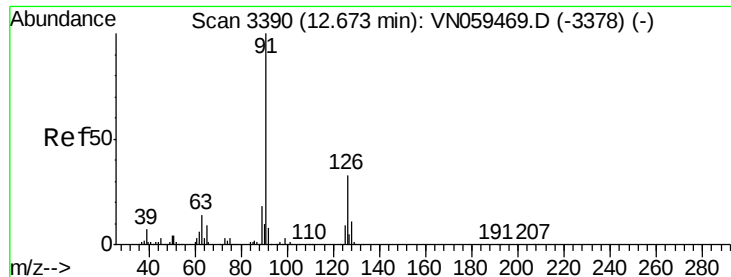
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.3	33.9





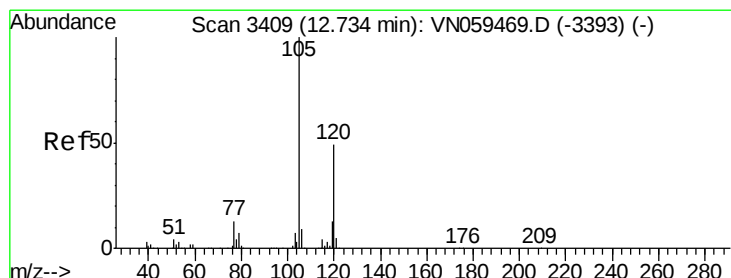
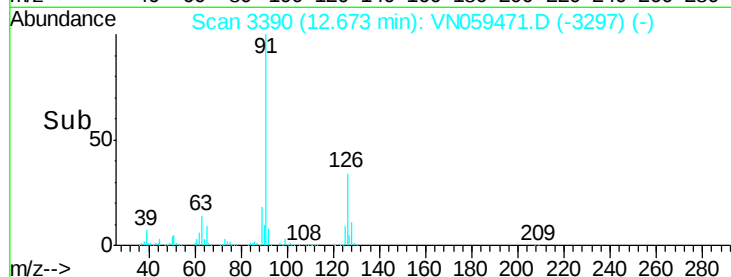
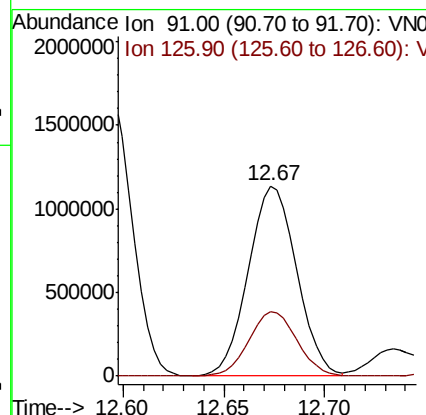
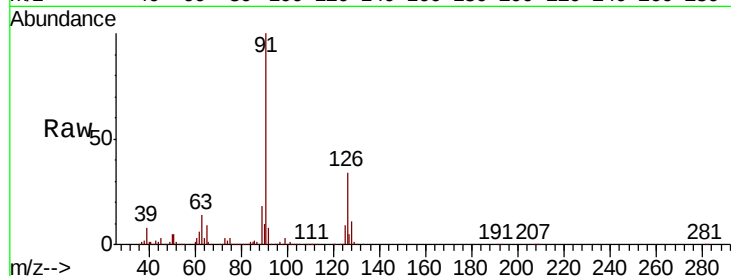
#79
 2-Chlorotoluene
 Concen: 152.318 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 1914272
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.6 49.8

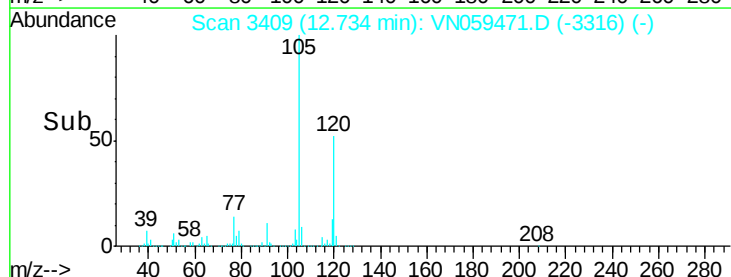
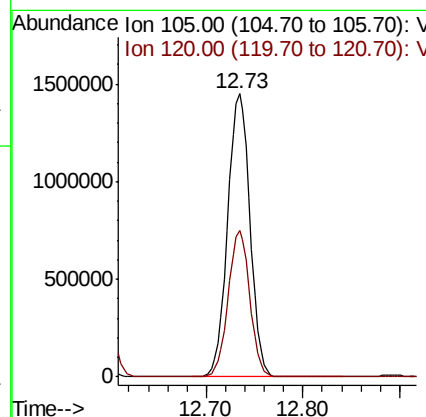
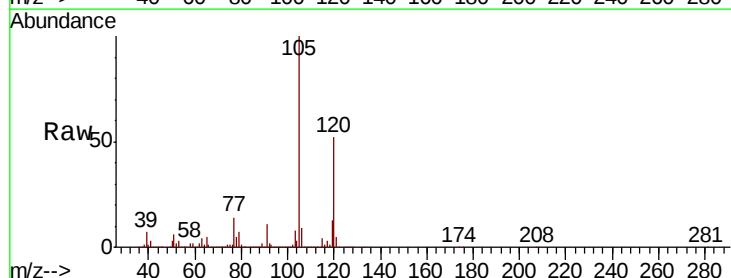
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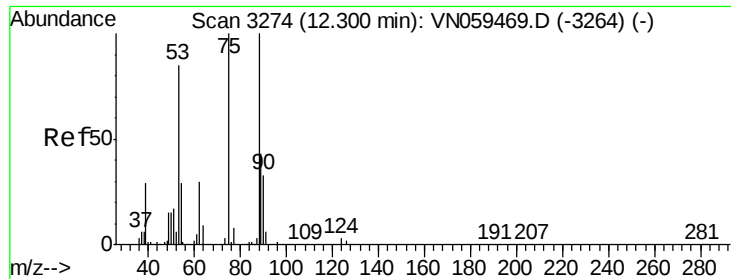
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 151.390 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion:105 Resp: 2318004
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.3 73.0





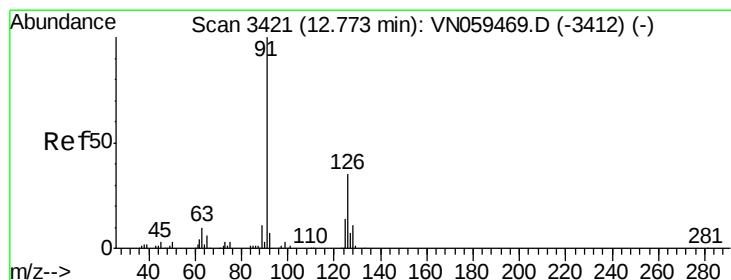
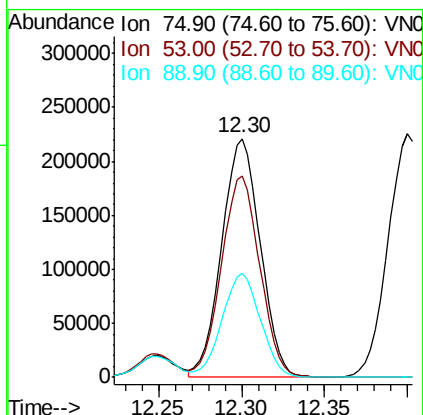
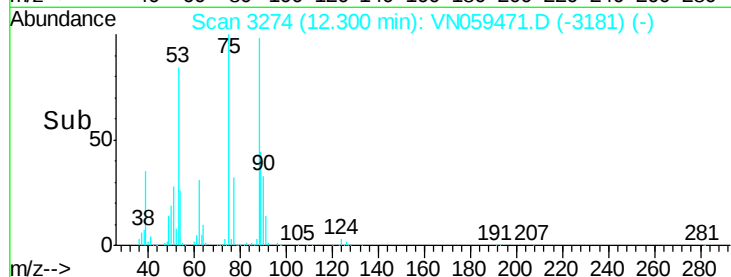
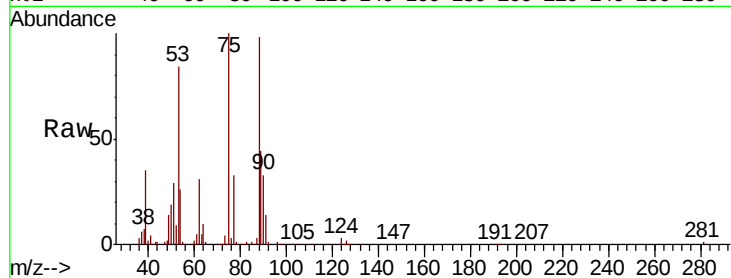
#81
trans-1,4-Dichloro-2-butene
Concen: 163.552 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.1	69.8	104.6
89	43.0	35.2	52.8

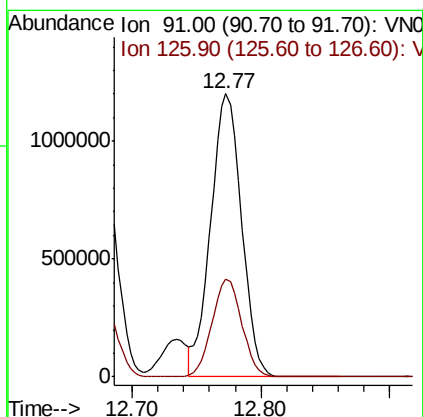
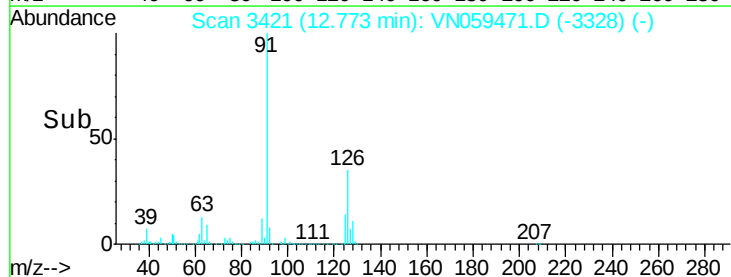
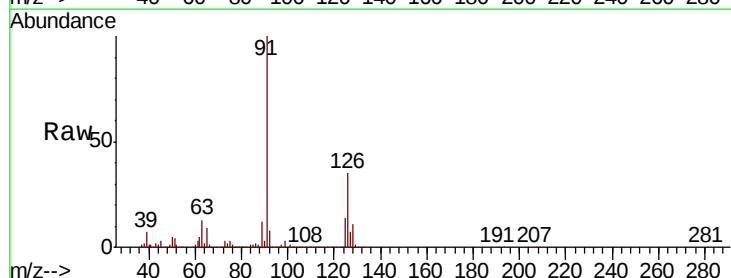
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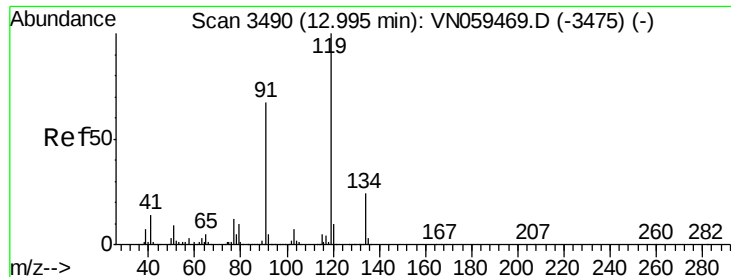
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#82
4-Chlorotoluene
Concen: 153.641 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.4	49.2





#83

tert-Butylbenzene

Concen: 151.348 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

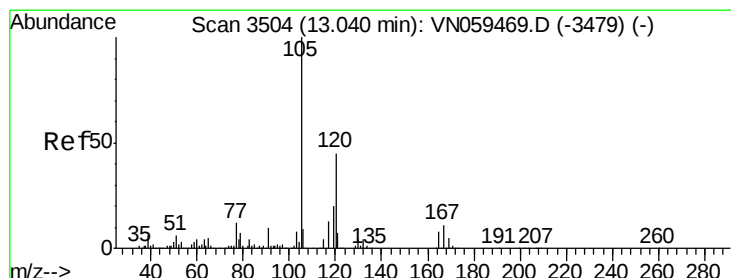
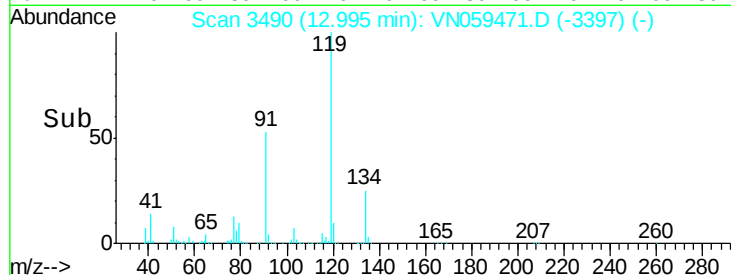
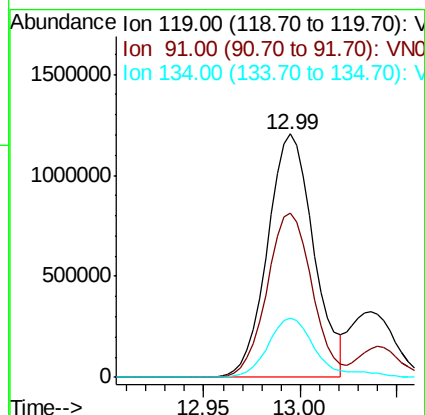
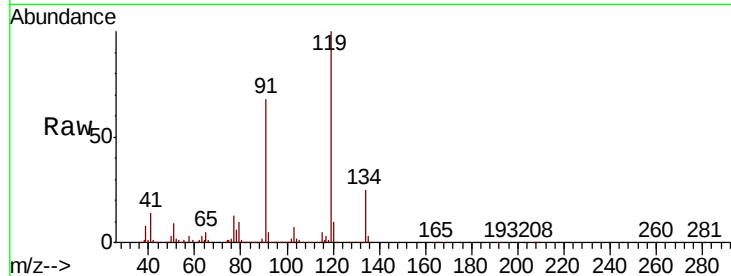
ClientSampleId :

VSTDIC150

Tot Ion:119	Resp: 1995673		
Ion Ratio	Lower	Upper	
119 100			
91 66.3	32.6	97.7	
134 25.4	12.6	37.6	

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#84

1,2,4-Trimethylbenzene

Concen: 153.781 ug/l

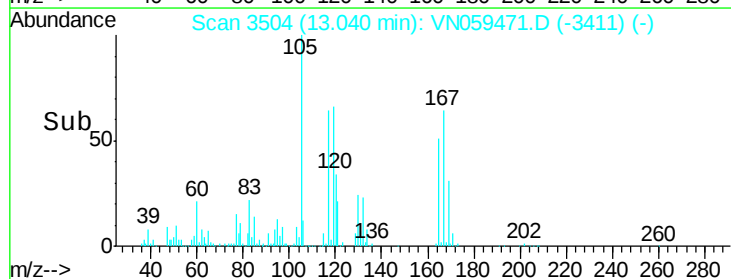
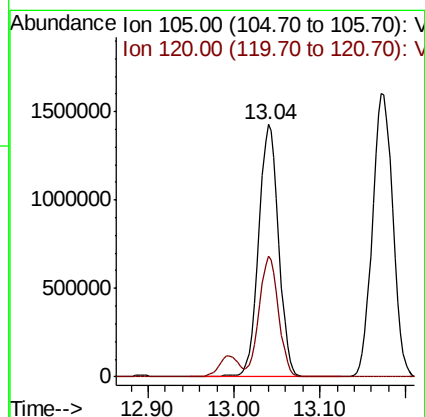
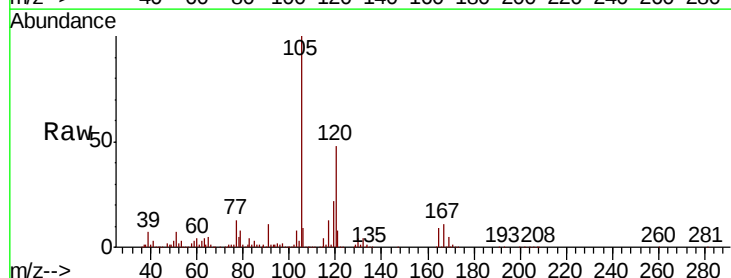
RT: 13.04 min Scan# 3504

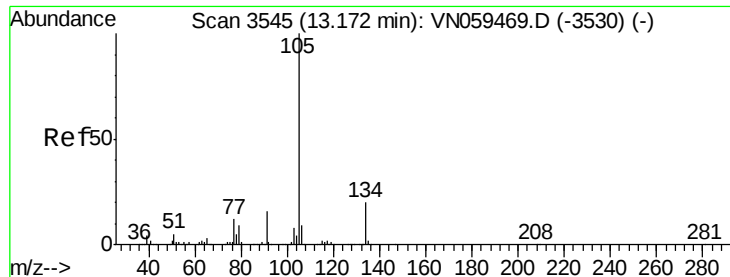
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt	Ion:105	Resp:	2307612
Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.6	67.8





#85

sec-Butylbenzene

Concen: 151.749 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2653672

Ion Ratio Lower Upper

105 100

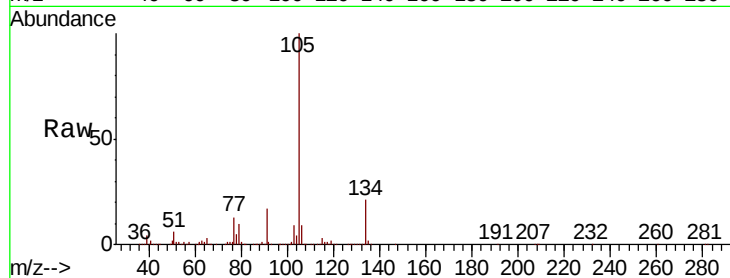
134 20.7 9.8 29.5

Manual Integrations

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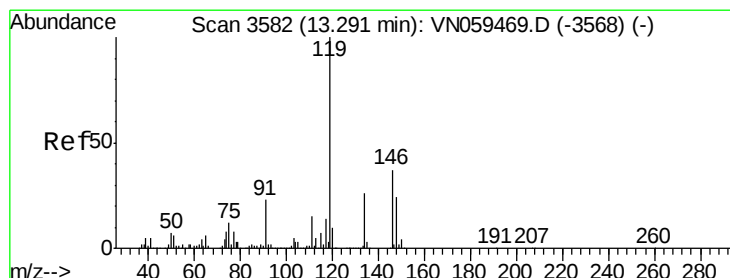
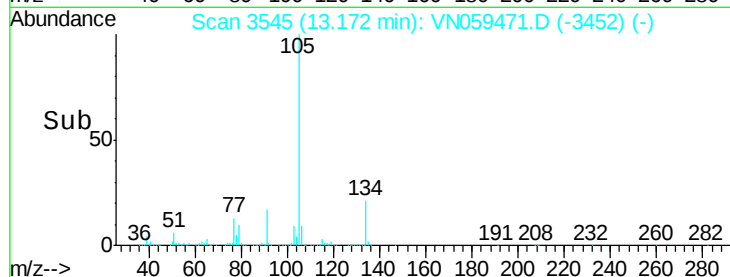
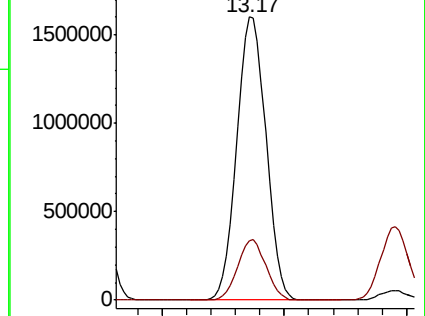
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 153.781 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

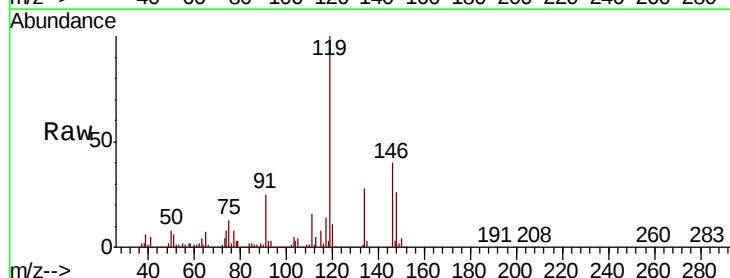
Tgt Ion:119 Resp: 2429002

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

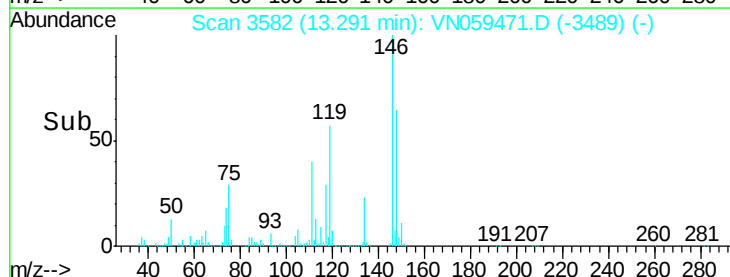
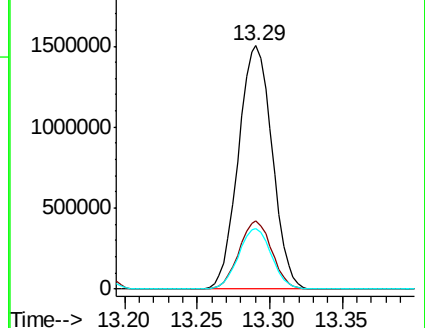
91 24.2 11.7 35.1

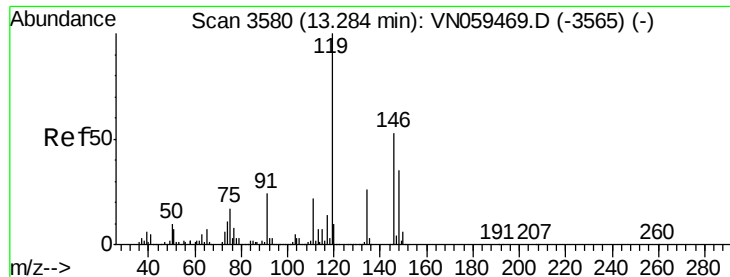


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 152.947 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Instrument :

MSVOA_N

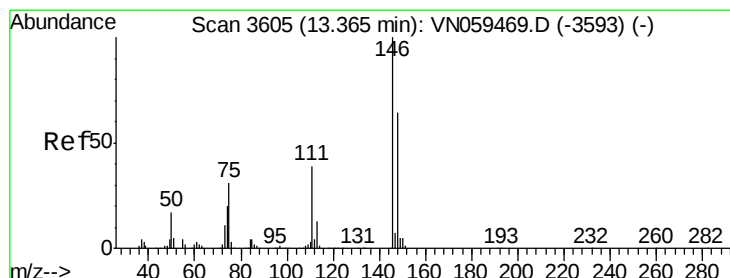
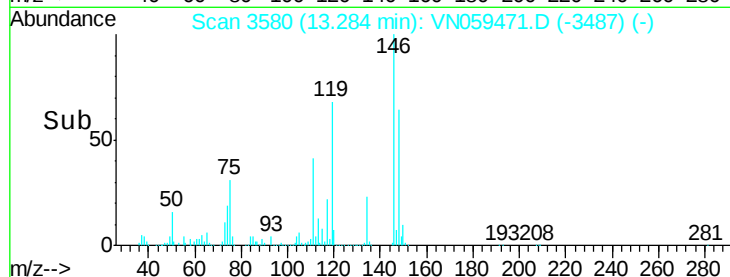
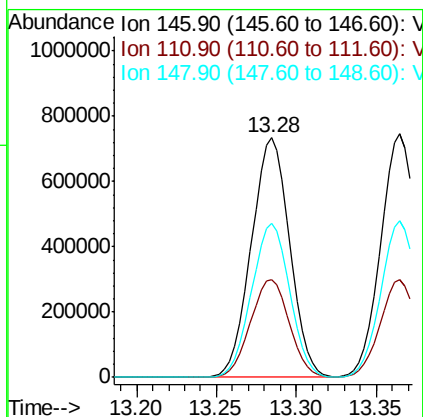
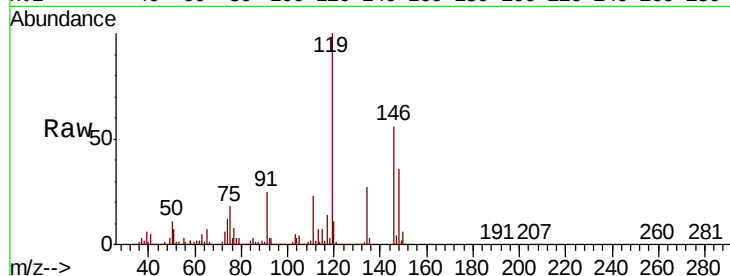
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1207539
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 151.201 ug/l

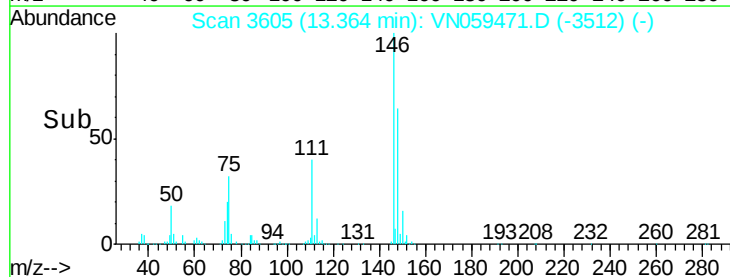
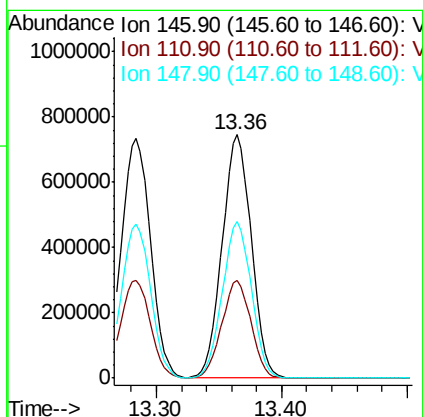
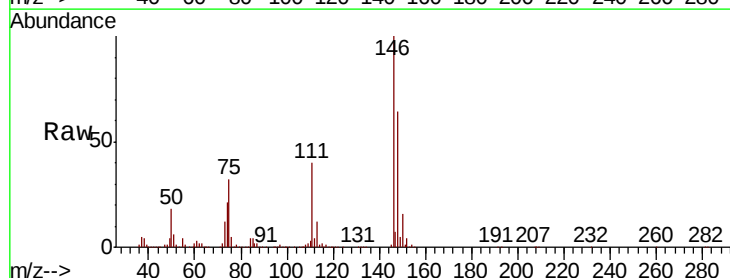
RT: 13.36 min Scan# 3605

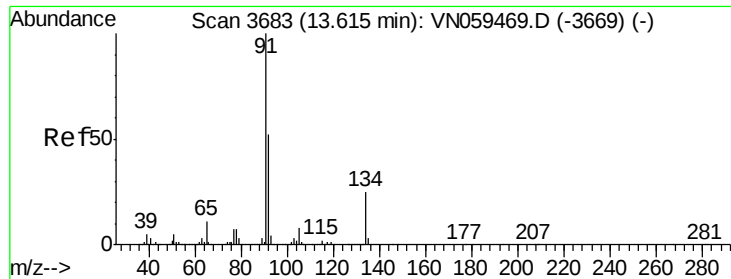
Delta R.T. -0.00 min

Lab File: VN059471.D

Acq: 3 Dec 2019 15:09

Tgt Ion:	146	Resp:	1200125
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	64.1	32.0	96.0





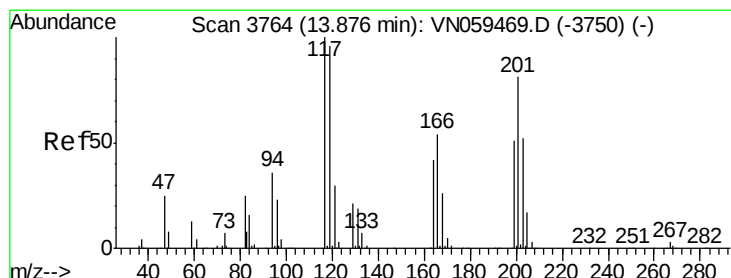
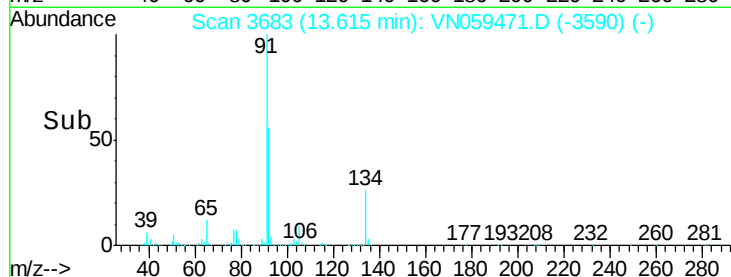
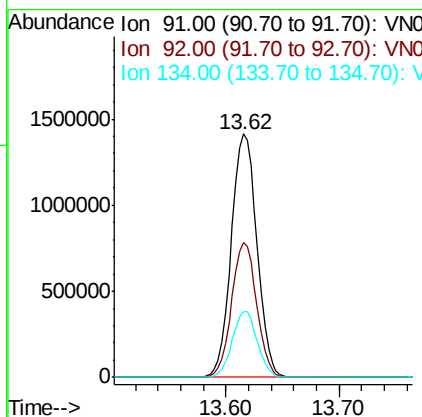
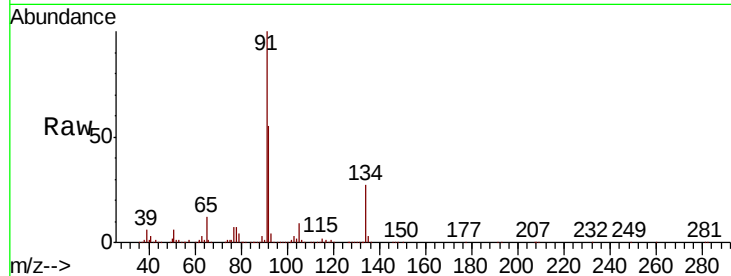
#89
n-Butylbenzene
Concen: 161.141 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	25.9	77.8
134	26.5	12.6	37.6

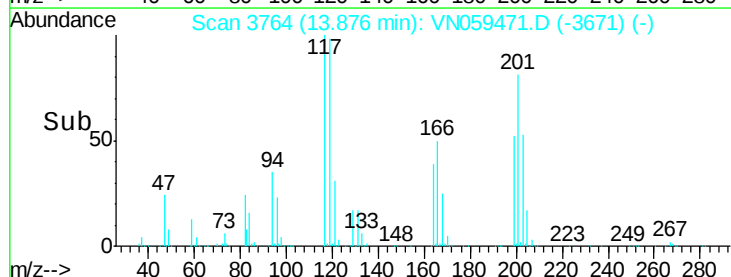
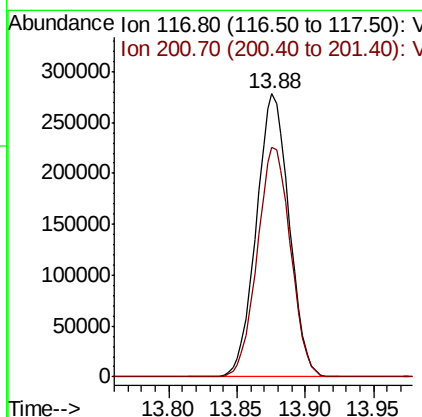
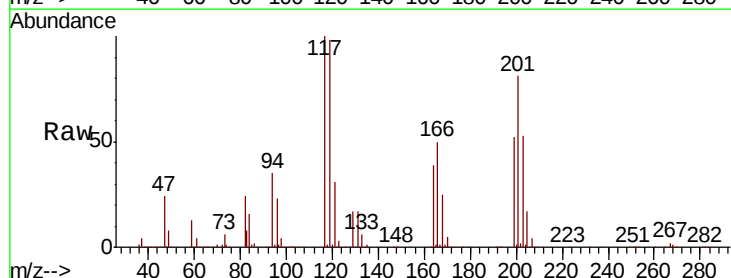
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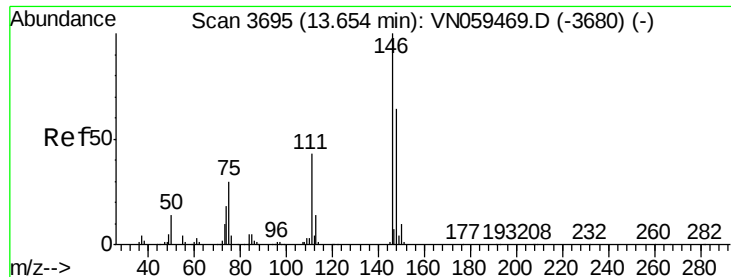
apatel
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#90
Hexachloroethane
Concen: 153.646 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.1	40.6	122.0





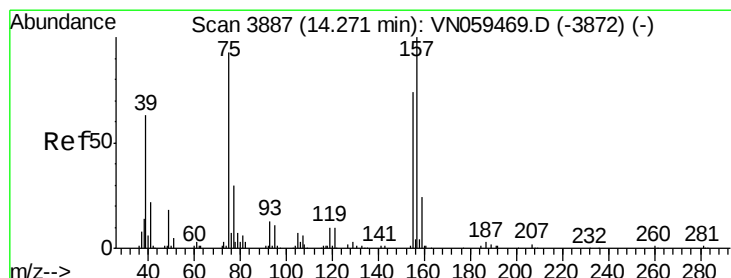
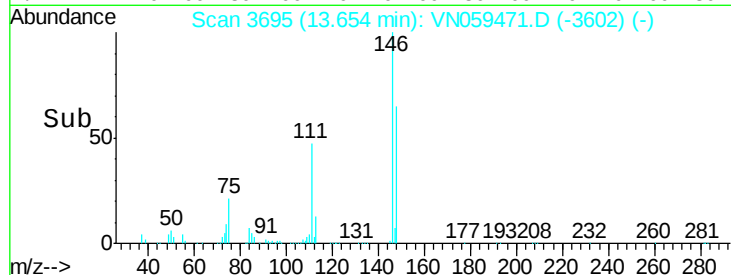
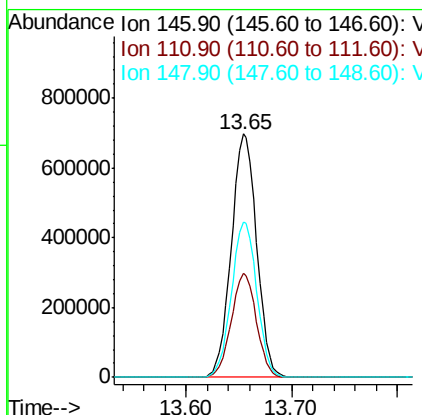
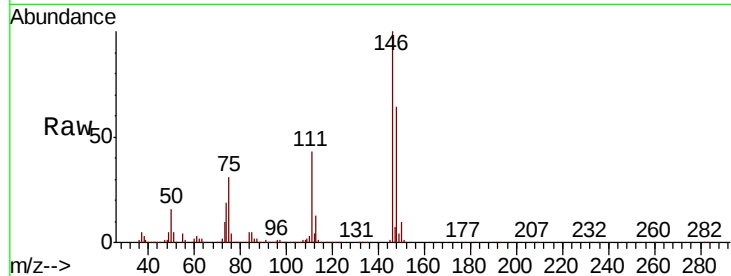
#91
 1,2-Dichlorobenzene
 Concen: 149.065 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.0	32.2	96.6

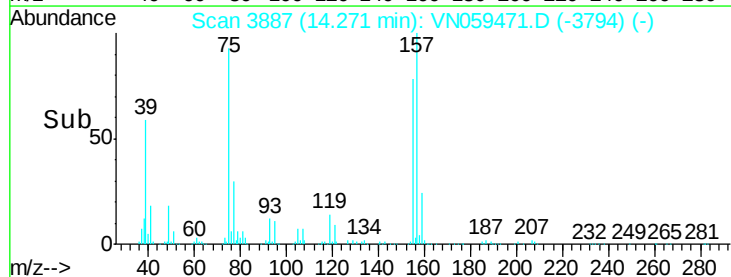
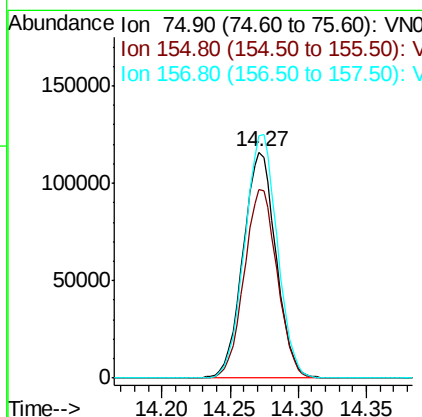
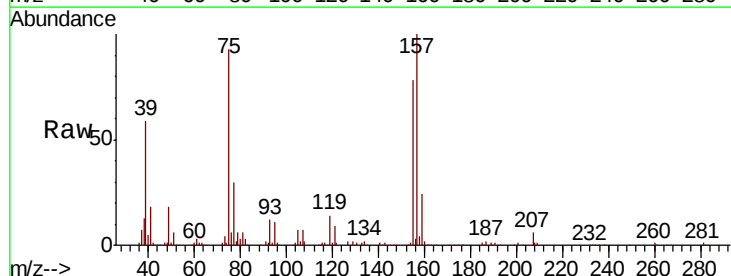
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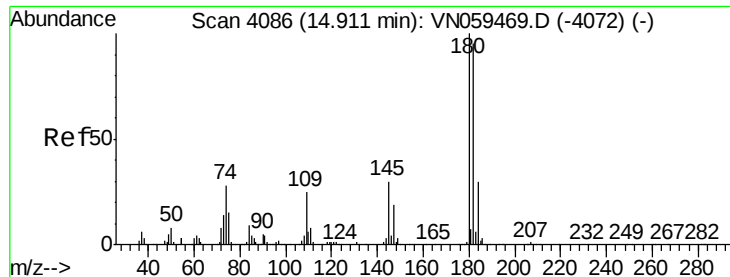
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 142.004 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	40.6	122.0
157	107.9	52.9	158.7





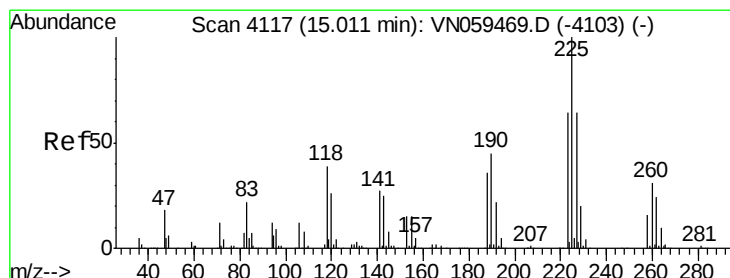
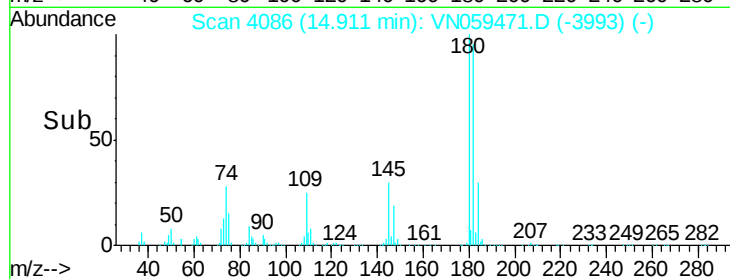
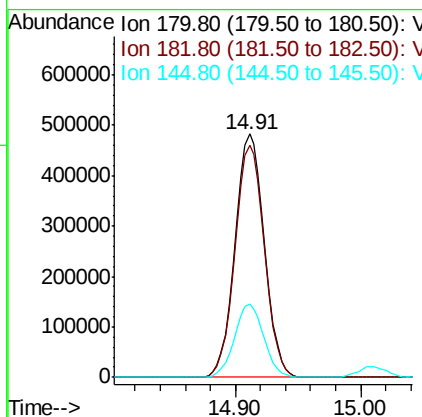
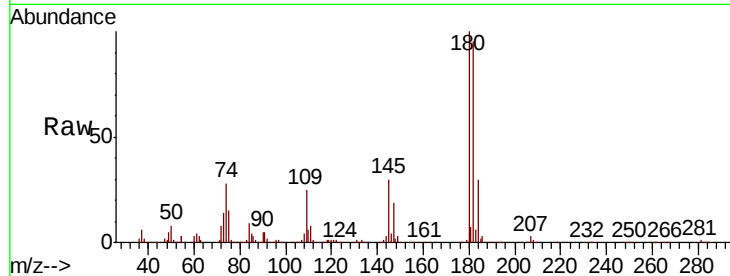
#93
 1,2,4-Trichlorobenzene
 Concen: 163.953 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	780918		
182	95.6	48.0	144.2	
145	30.2	15.2	45.6	

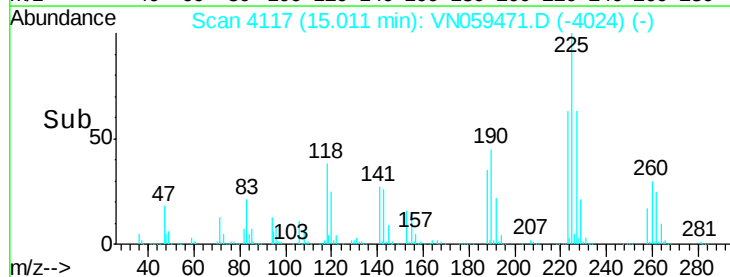
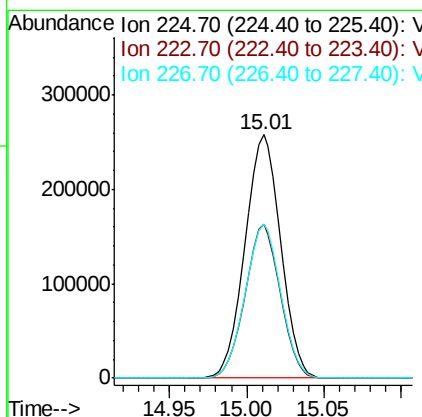
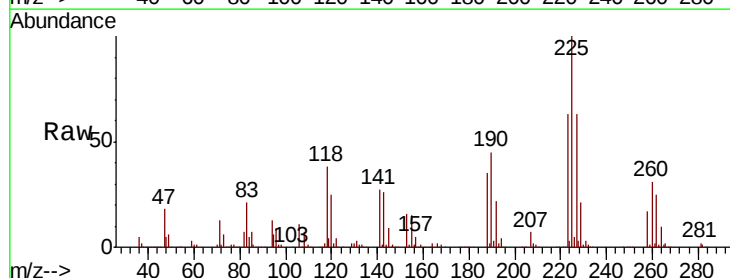
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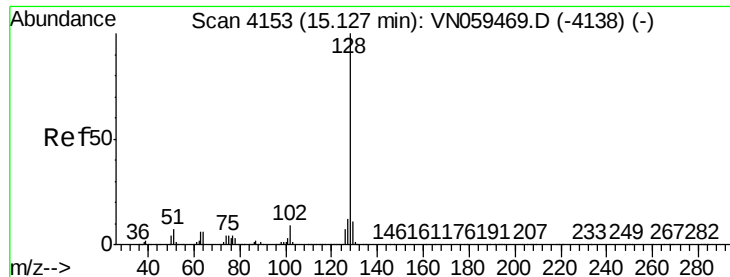
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#94
 Hexachlorobutadiene
 Concen: 140.646 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059471.D
 Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	414600		
223	62.2	31.9	95.5	
227	63.1	32.0	96.2	





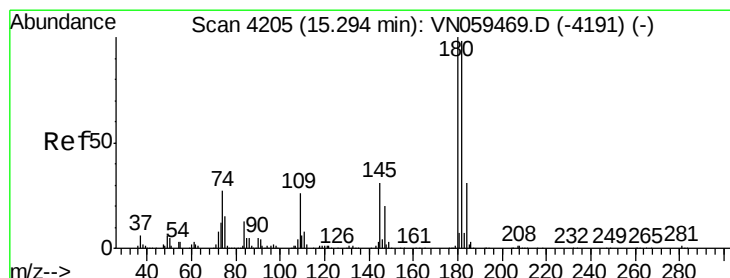
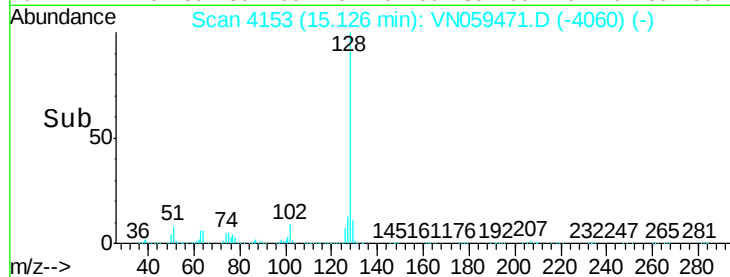
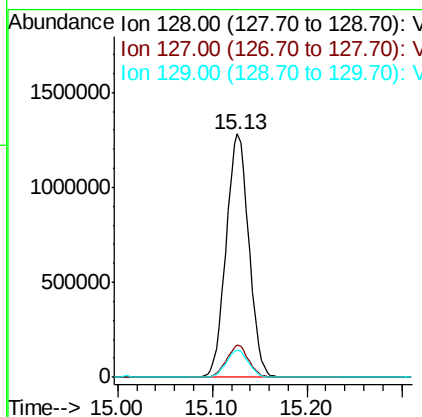
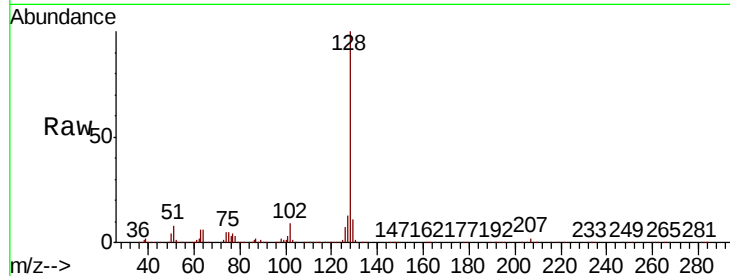
#95
Naphthalene
Concen: 157.416 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 153.538 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059471.D
Acq: 3 Dec 2019 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.5	145.5
145	31.7	16.1	48.2

