

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059380.D
 Acq On : 25 Nov 2019 13:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:32:07 PM

Quant Time: Nov 25 17:18:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	367100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	571381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	517722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	223371	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.57	113	182445	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.08	98	741492	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.40	95	268690	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	228145	48.545	ug/l	100
3) Chloromethane	2.04	50	276743	48.067	ug/l	99
4) Vinyl Chloride	2.17	62	295214	49.803	ug/l	99
5) Bromomethane	2.54	94	162036	49.237	ug/l	99
6) Chloroethane	2.68	64	150201	46.428	ug/l	99
7) Trichlorofluoromethane	3.00	101	293928	46.046	ug/l	99
8) Diethyl Ether	3.38	74	132097	50.620	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	192475	49.312	ug/l	98
10) Methyl Iodide	3.92	142	264663	54.558	ug/l	99
11) Tert butyl alcohol	4.75	59	215459	244.323	ug/l	100
12) 1,1-Dichloroethene	3.71	96	193315	48.792	ug/l	98
13) Acrolein	3.58	56	168686	209.547	ug/l	99
14) Allyl chloride	4.29	41	364119	49.195	ug/l	98
15) Acrylonitrile	4.95	53	565121	242.369	ug/l	100
16) Acetone	3.79	43	606852	307.276	ug/l	99
17) Carbon Disulfide	4.02	76	595423	47.958	ug/l	100
18) Methyl Acetate	4.29	43	317577	48.454	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	652664	51.002	ug/l	99
20) Methylene Chloride	4.52	84	228221	51.237	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	210291	50.081	ug/l	98
22) Diisopropyl ether	5.92	45	701324	50.326	ug/l	99
23) Vinyl Acetate	5.86	43	2756860	251.568	ug/l	100
24) 1,1-Dichloroethane	5.82	63	394607	50.307	ug/l	99
25) 2-Butanone	6.80	43	801113	260.863	ug/l	98
26) 2,2-Dichloropropane	6.79	77	339958	50.052	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	235780	49.768	ug/l	98
28) Bromochloromethane	7.17	49	160541	50.234	ug/l	96
29) Tetrahydrofuran	7.18	42	494481	232.862	ug/l	99
30) Chloroform	7.35	83	373093	49.013	ug/l	99
31) Cyclohexane	7.63	56	361009	46.548	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	319726	48.887	ug/l	100
36) 1,1-Dichloropropene	7.77	75	294804	49.978	ug/l	99
37) Ethyl Acetate	6.90	43	303027	47.800	ug/l	99
38) Carbon Tetrachloride	7.75	117	283355	50.179	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	362096	50.907	ug/l	99
40) Benzene	8.02	78	893349	51.602	ug/l	99
41) Methacrylonitrile	7.15	41	128529	45.671	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	287689	50.245	ug/l	99
43) Isopropyl Acetate	8.14	43	483492	49.904	ug/l	98
44) Trichloroethene	8.82	130	226358	51.590	ug/l	97
45) 1,2-Dichloropropane	9.10	63	238395	51.640	ug/l	98
46) Dibromomethane	9.19	93	144058	50.874	ug/l	99
47) Bromodichloromethane	9.39	83	295167	52.048	ug/l	98
48) Methyl methacrylate	9.18	41	220164	49.972	ug/l	97
49) 1,4-Dioxane	9.18	88	82445	1245.102	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1483064	261.523	ug/l	99
52) Toluene	10.15	92	543481	52.208	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	347590	52.726	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	382182	53.425	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	213133	52.659	ug/l	99
56) Ethyl methacrylate	10.42	69	338314	49.515	ug/l	98
57) 1,3-Dichloropropane	10.70	76	370375	52.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	714749	281.691	ug/l	100
59) 2-Hexanone	10.74	43	1129429	271.990	ug/l	97
60) Dibromochloromethane	10.90	129	230728	54.097	ug/l	99
61) 1,2-Dibromoethane	11.00	107	220692	52.404	ug/l	100
64) Tetrachloroethene	10.63	164	202860	50.663	ug/l	99
65) Chlorobenzene	11.43	112	573430	51.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213744	52.853	ug/l	99
67) Ethyl Benzene	11.51	91	1048303	52.741	ug/l	99
68) m/p-Xylenes	11.62	106	785276	106.324	ug/l	100
69) o-Xylene	11.95	106	375574	53.117	ug/l	98
70) Styrene	11.96	104	620475	55.614	ug/l	100
71) Bromoform	12.13	173	166377	54.323	ug/l #	100
73) Isopropylbenzene	12.25	105	1009346	50.248	ug/l	99
74) N-amyl acetate	12.07	43	409154	50.683	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	319724	48.117	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	306969m	54.188	ug/l	
77) Bromobenzene	12.53	156	242532	49.779	ug/l	98
78) n-propylbenzene	12.59	91	1188290	52.224	ug/l	100
79) 2-Chlorotoluene	12.67	91	690994	49.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	856811	50.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	118749	52.430	ug/l	96
82) 4-Chlorotoluene	12.77	91	721793	49.943	ug/l	99
83) tert-Butylbenzene	12.99	119	733951	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	852528	51.540	ug/l	100
85) sec-Butylbenzene	13.17	105	990344	51.667	ug/l	100
86) p-Isopropyltoluene	13.29	119	897903	52.642	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439819	50.691	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	435692	50.753	ug/l	99
89) n-Butylbenzene	13.62	91	794329	53.087	ug/l	99
90) Hexachloroethane	13.88	117	161230	49.912	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	425601	50.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	59757	42.299	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	252178	48.399	ug/l	100
94) Hexachlorobutadiene	15.01	225	151546	50.107	ug/l	99
95) Naphthalene	15.13	128	656287	45.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	246423	48.159	ug/l	99

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

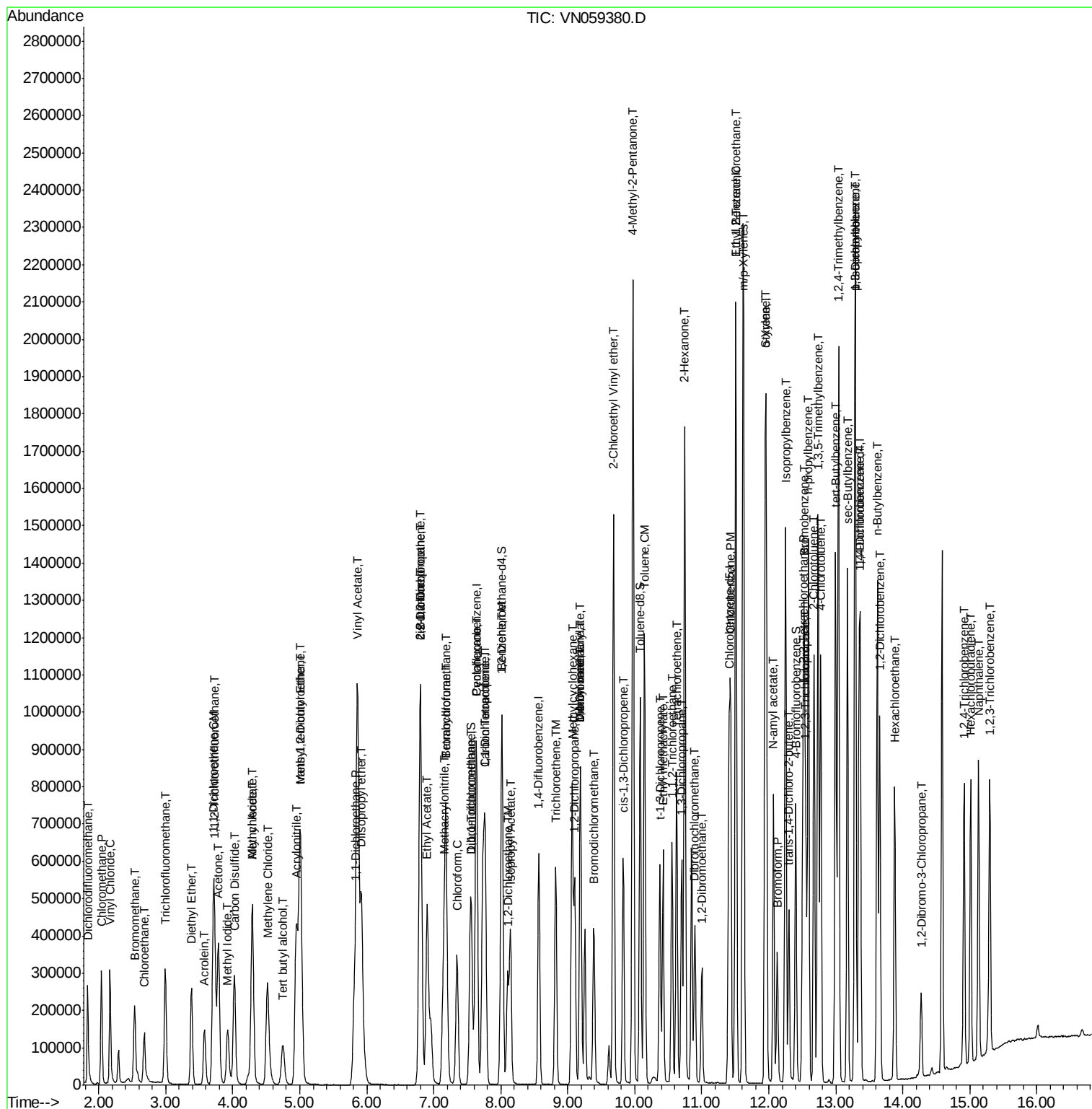
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Data File : VN059380.D
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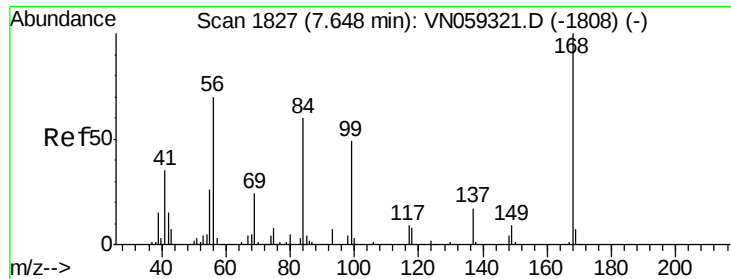
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 367100

Ion Ratio Lower Upper

168 100

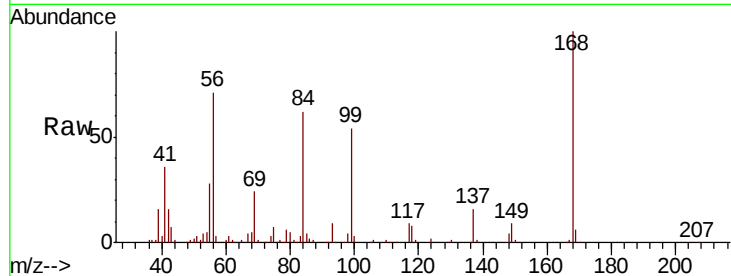
99 54.1 44.6 66.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

150000

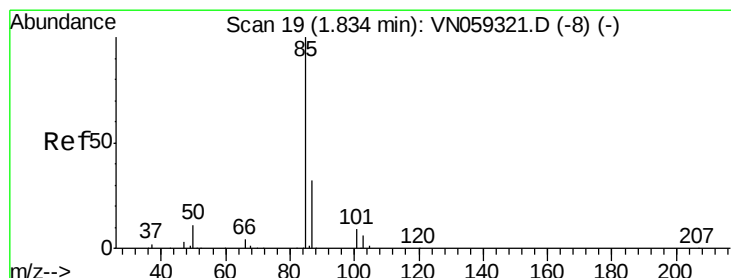
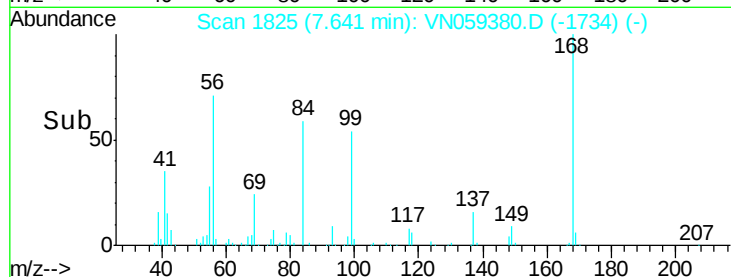
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.545 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059380.D

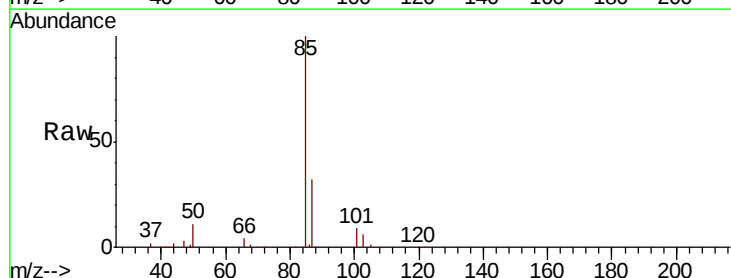
Acq: 25 Nov 2019 13:12

Tgt Ion: 85 Resp: 228145

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

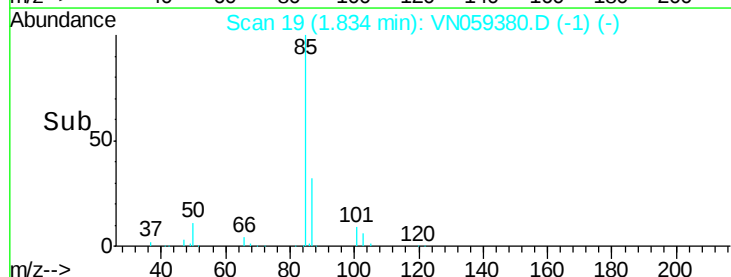
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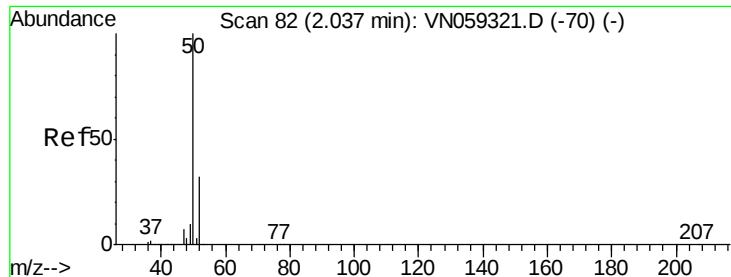
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.067 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 276743

Ion Ratio Lower Upper

50 100

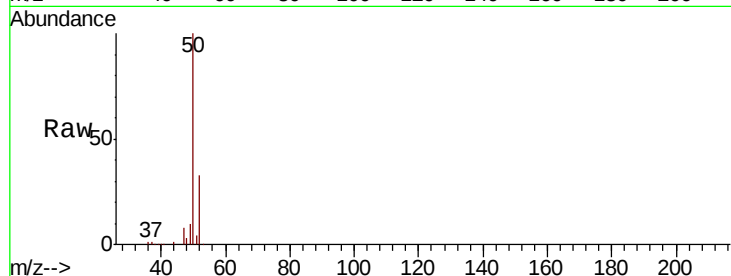
52 33.1 26.0 39.0

Manual Integrations

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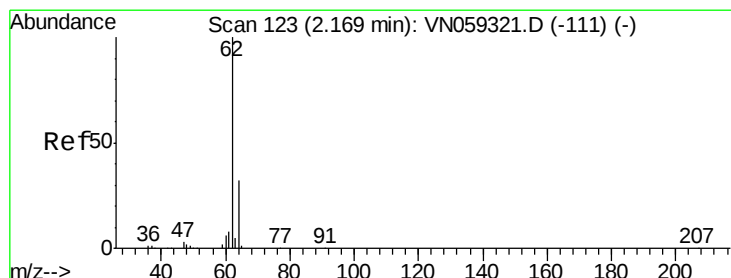
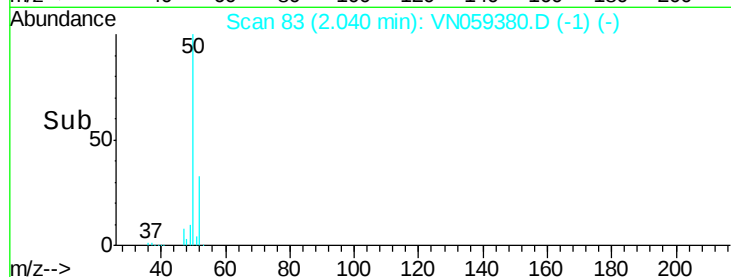
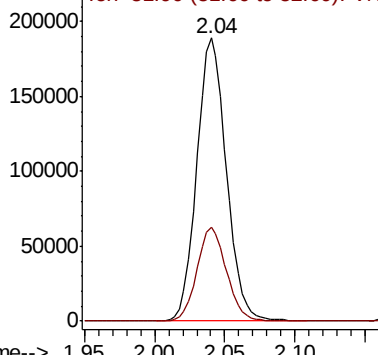
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 49.803 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059380.D

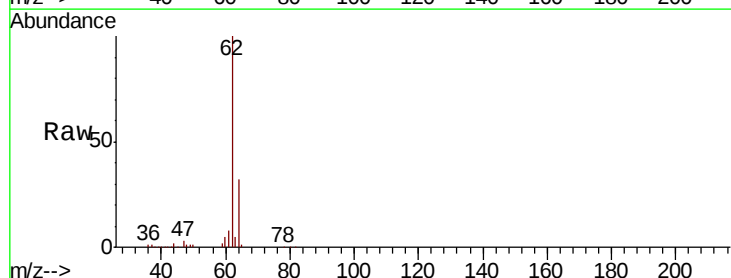
Acq: 25 Nov 2019 13:12

Tgt Ion: 62 Resp: 295214

Ion Ratio Lower Upper

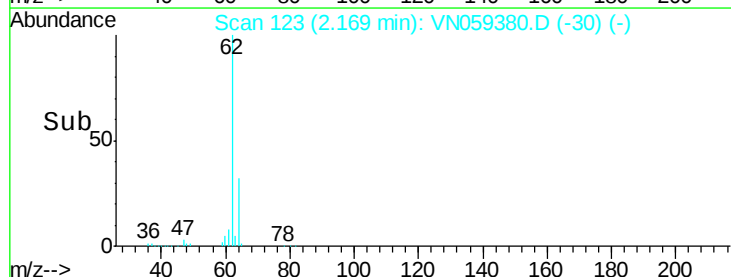
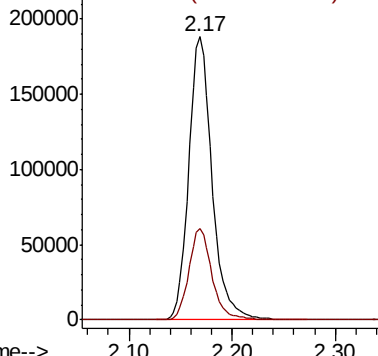
62 100

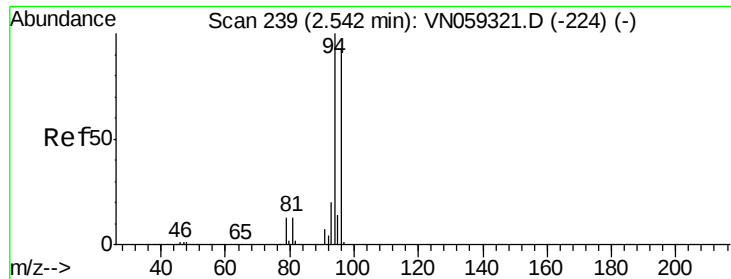
64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 49.237 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 162036

Ion Ratio Lower Upper

94 100

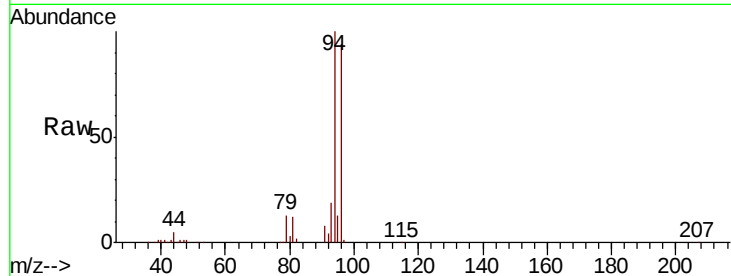
96 94.4 74.5 111.7

Manual Integrations

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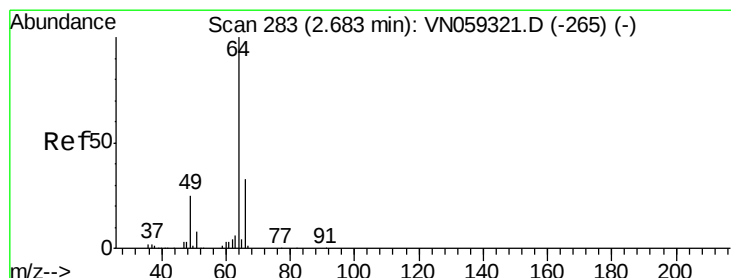
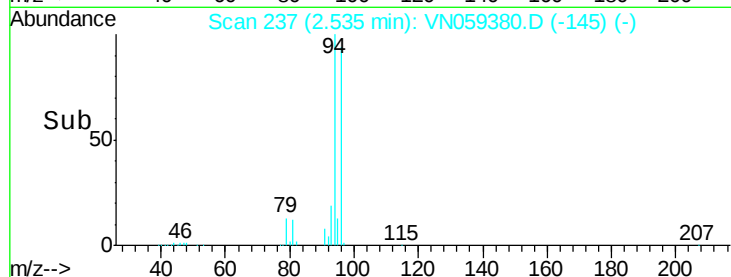
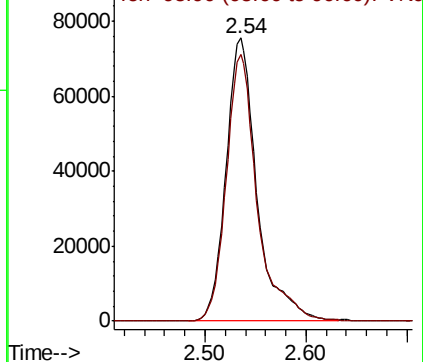
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.428 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN059380.D

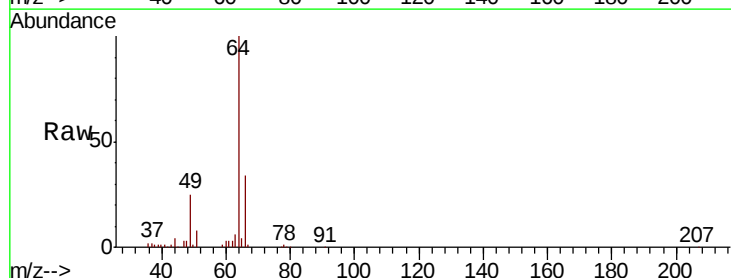
Acq: 25 Nov 2019 13:12

Tgt Ion: 64 Resp: 150201

Ion Ratio Lower Upper

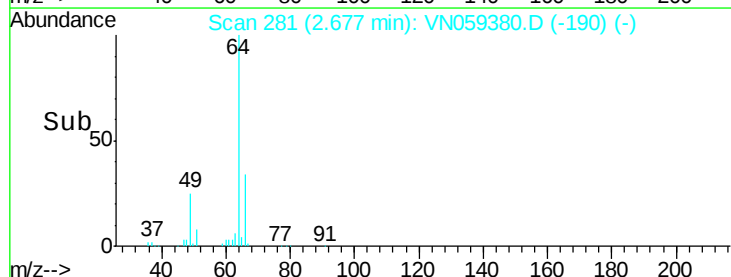
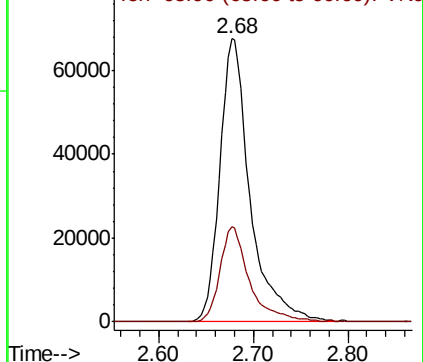
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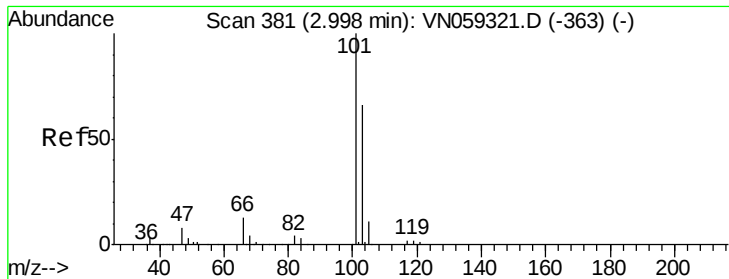
66 33.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

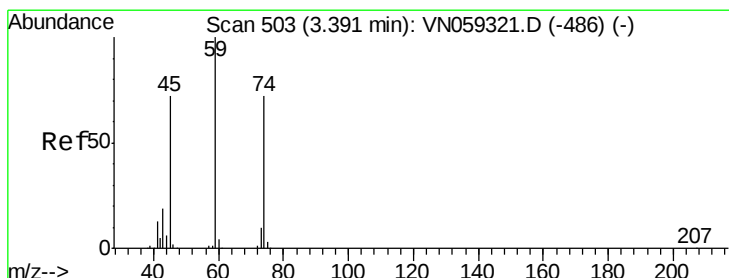
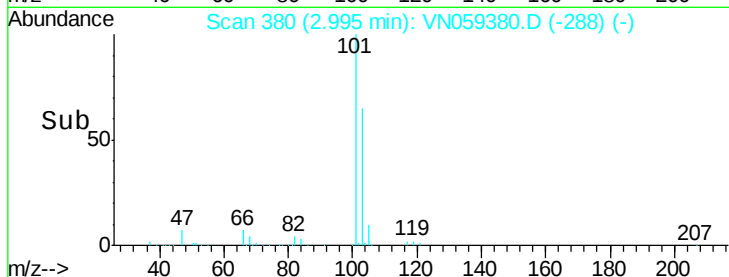
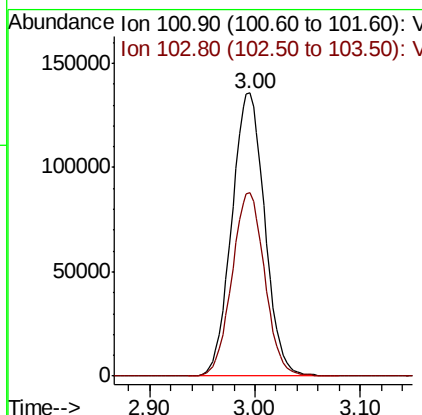
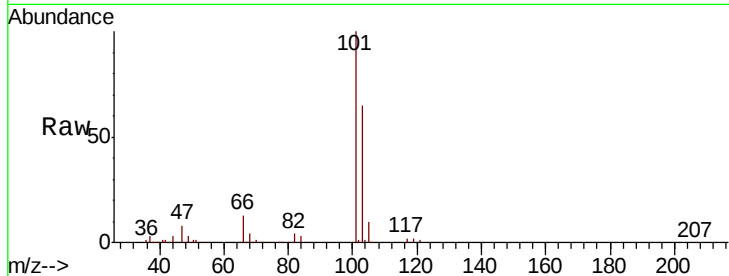
Trichlorofluoromethane
 Concen: 46.046 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.5	78.7

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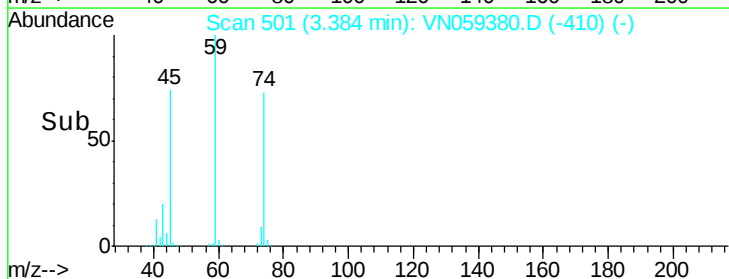
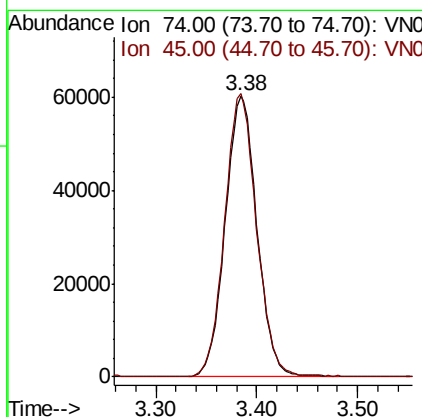
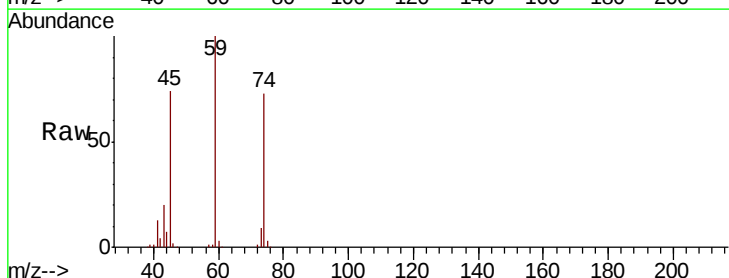
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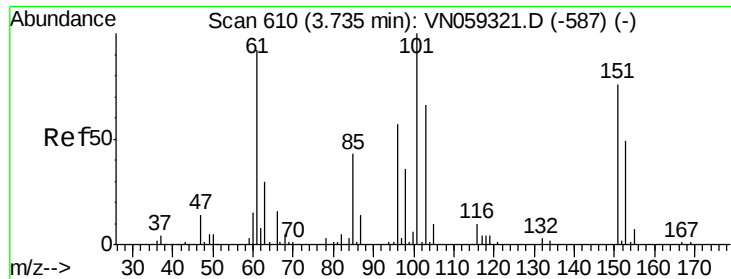


#8

Diethyl Ether
 Concen: 50.620 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	51.7	155.2





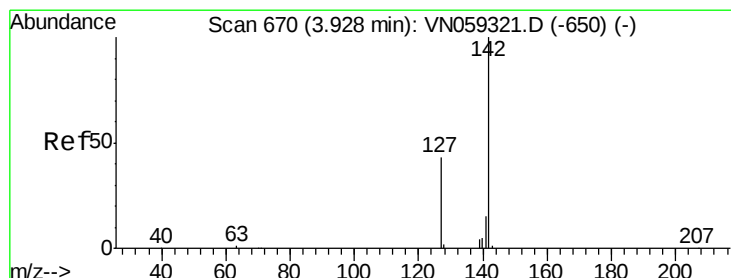
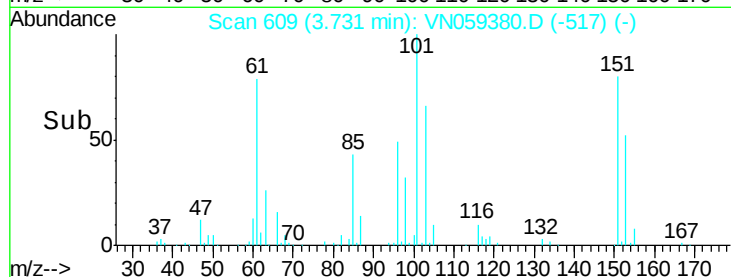
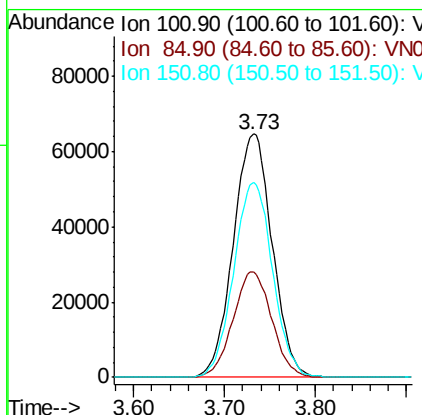
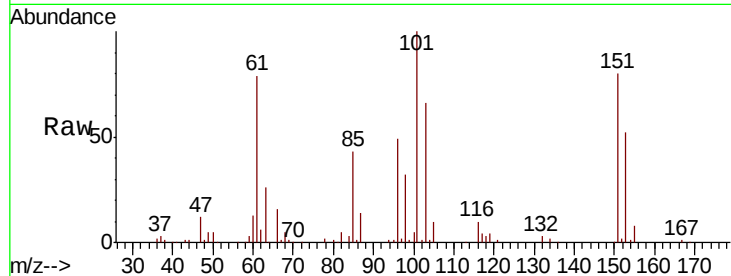
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.312 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.8	52.2
151	79.8	62.2	93.4

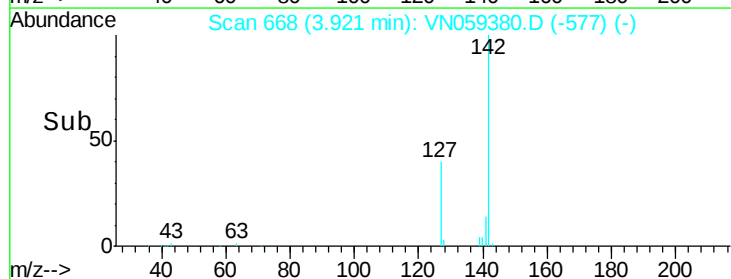
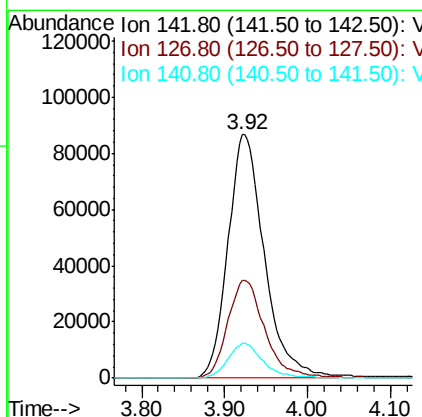
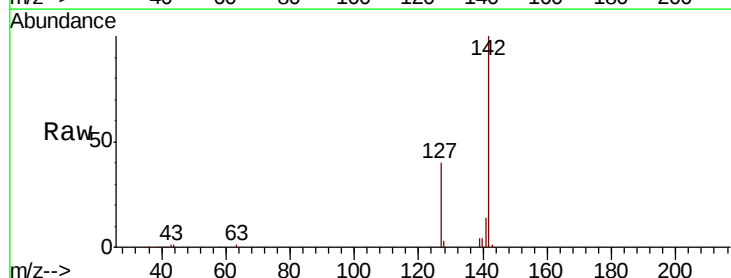
Manual Integrations
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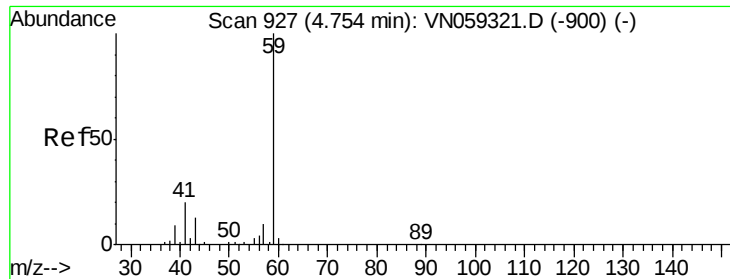
apatel
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#10
 Methyl Iodide
 Concen: 54.558 ug/l
 RT: 3.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	33.8	50.6
141	13.9	11.2	16.8





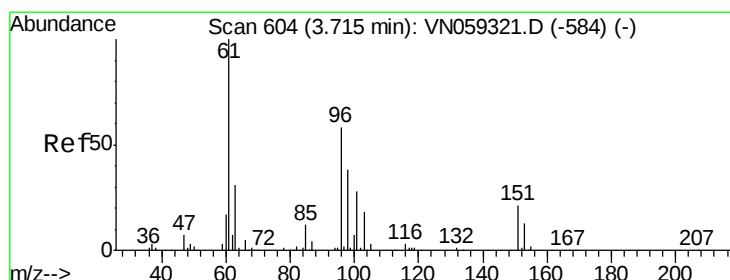
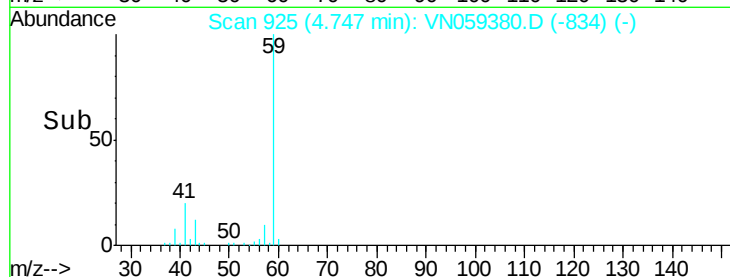
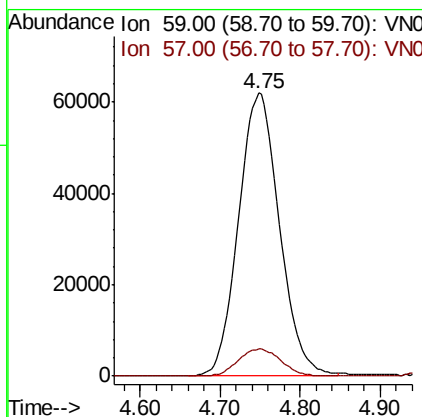
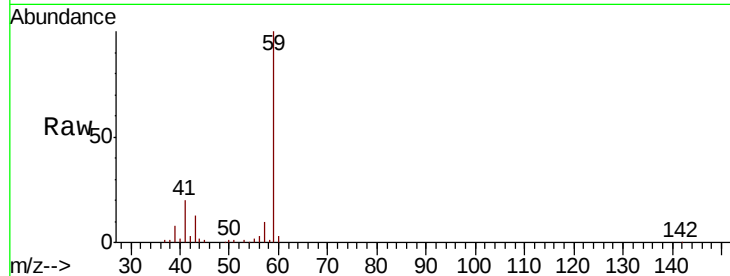
#11
Tert butyl alcohol
Concen: 244.323 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	215459
Ion Ratio	100	Lower	Upper
57	10.1	8.2	12.2

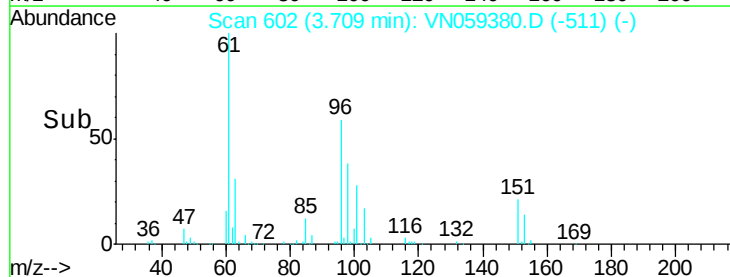
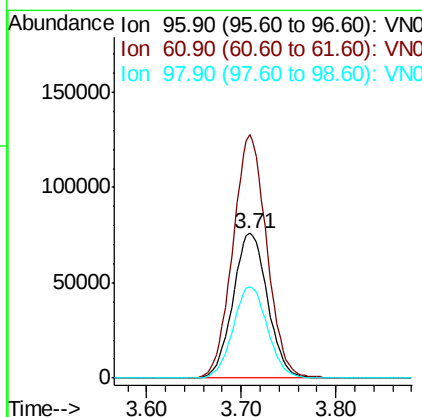
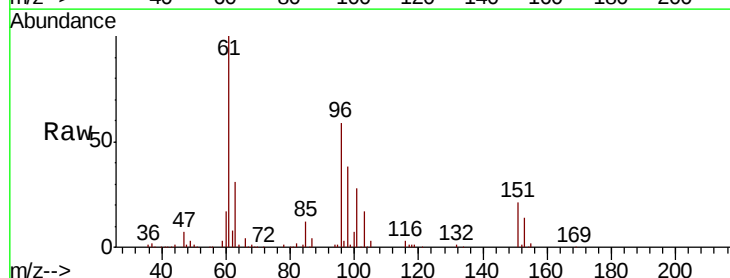
Manual Integrations
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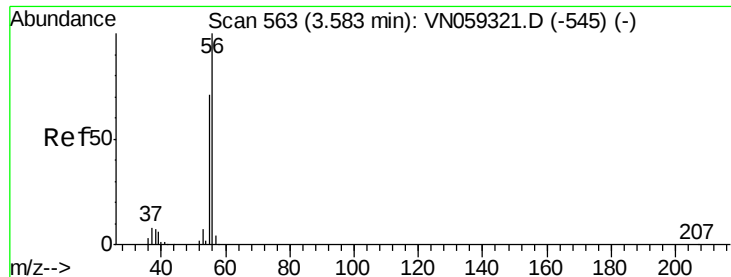
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#12
1,1-Dichloroethene
Concen: 48.792 ug/l
RT: 3.71 min Scan# 602
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	96	Resp	193315
Ion Ratio	100	Lower	Upper
61	168.4	136.8	205.2
98	63.2	51.6	77.4





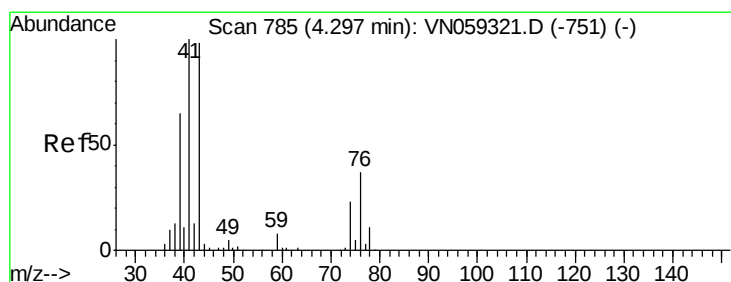
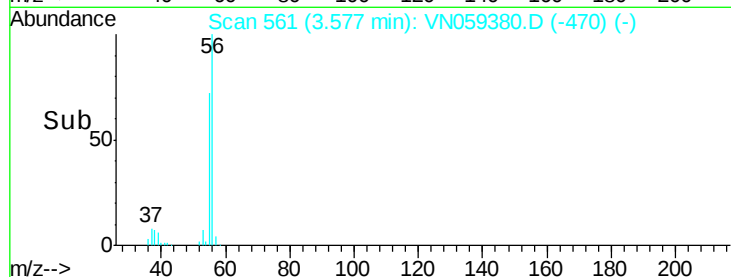
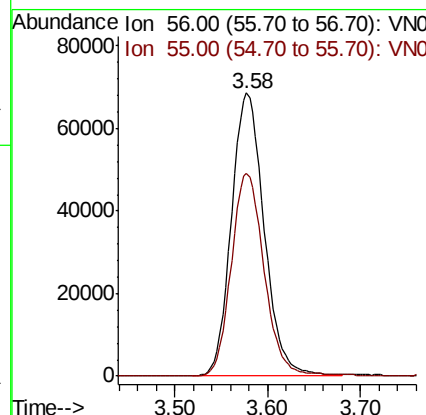
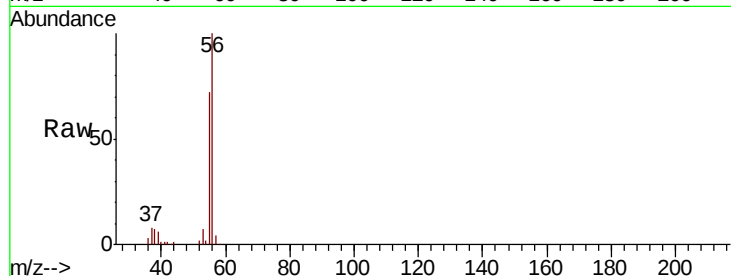
#13
Acrolein
Concen: 209.547 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.2	57.4	86.0	

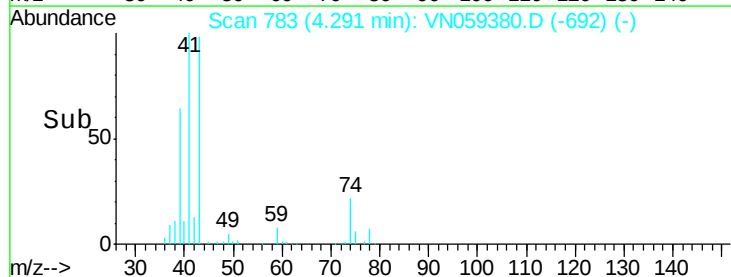
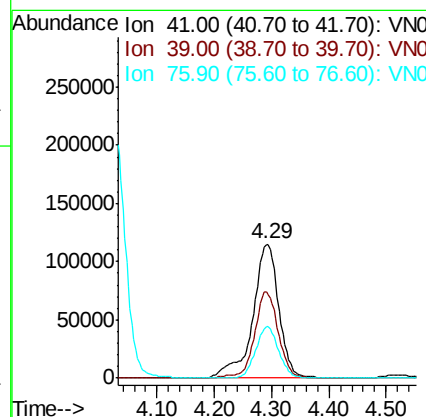
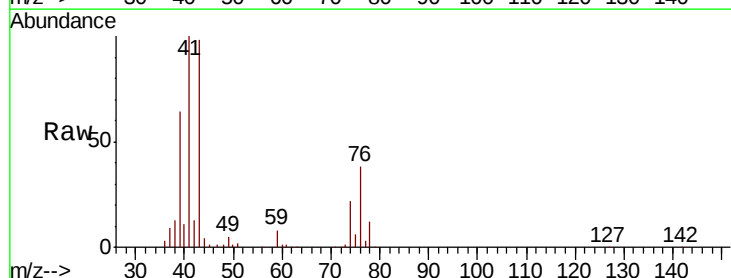
Manual Integrations
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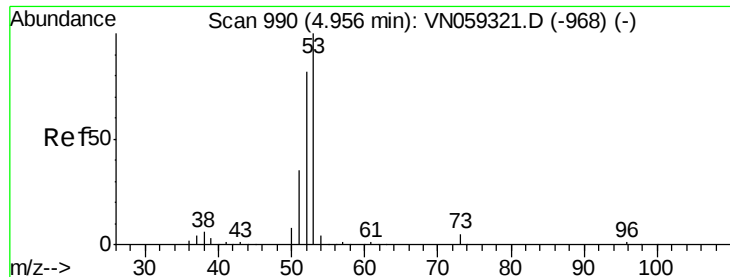
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#14
Allyl chloride
Concen: 49.195 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.8	48.4	72.6	
76	33.7	26.2	39.4	





#15

Acrylonitrile

Concen: 242.369 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

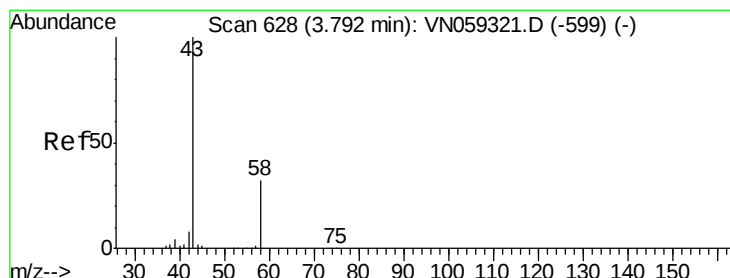
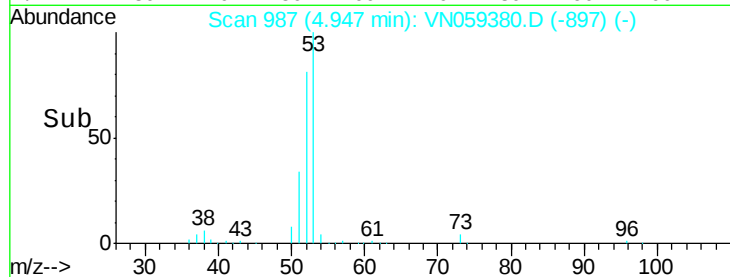
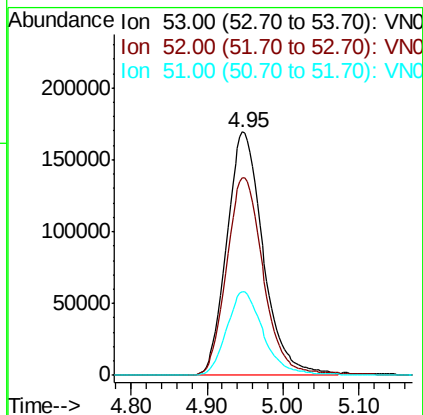
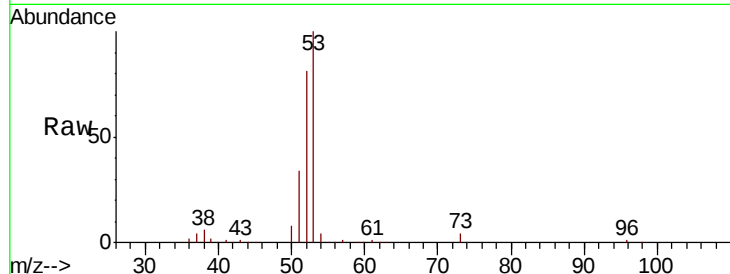
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	565121
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.8	98.8
51	34.9	28.2	42.2

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#16

Acetone

Concen: 307.276 ug/l

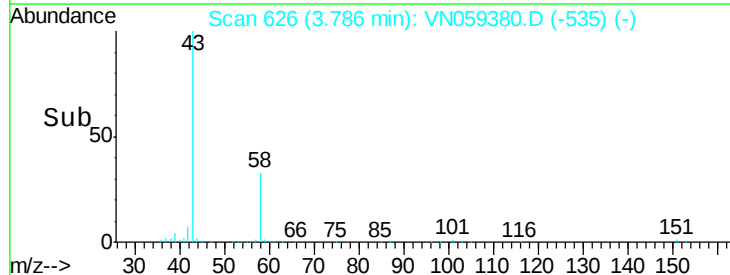
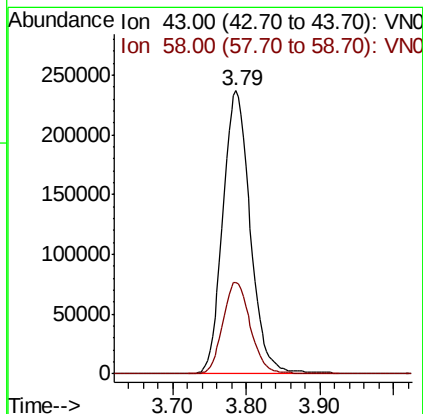
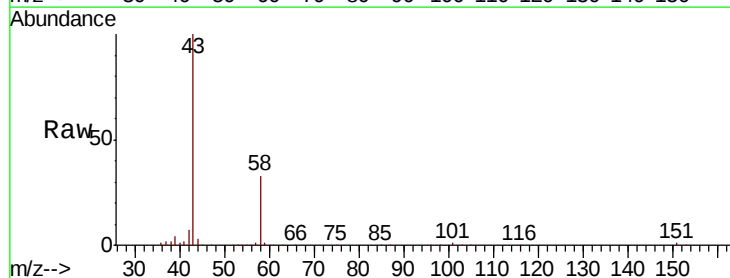
RT: 3.79 min Scan# 626

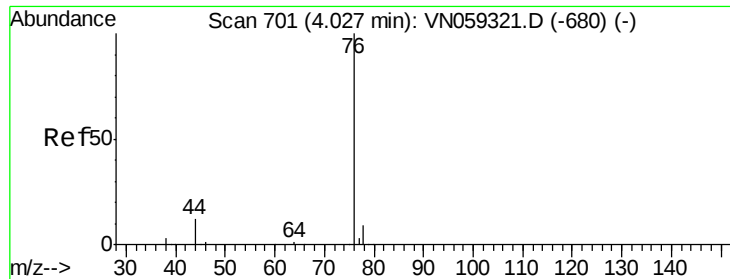
Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	43	Resp:	606852
Ion Ratio	Lower	Upper	
43	100		
58	32.5	25.8	38.6





#17

Carbon Disulfide

Concen: 47.958 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 595423

Ion Ratio Lower Upper

76 100

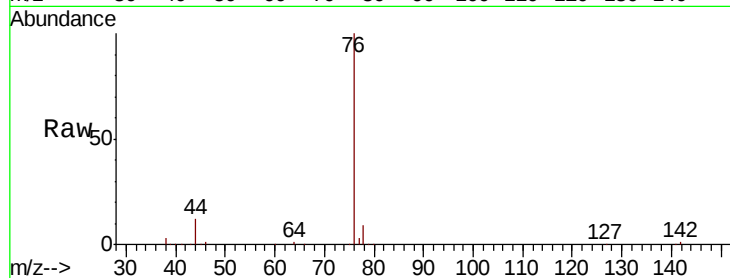
78 8.9 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

250000

200000

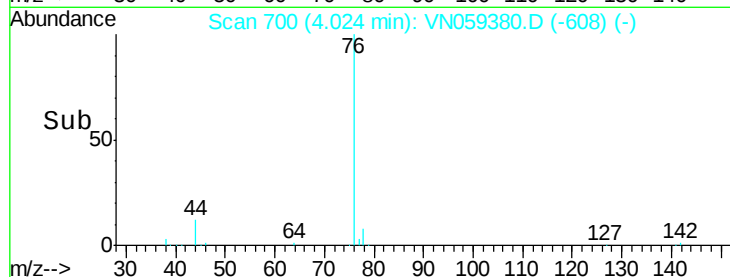
150000

100000

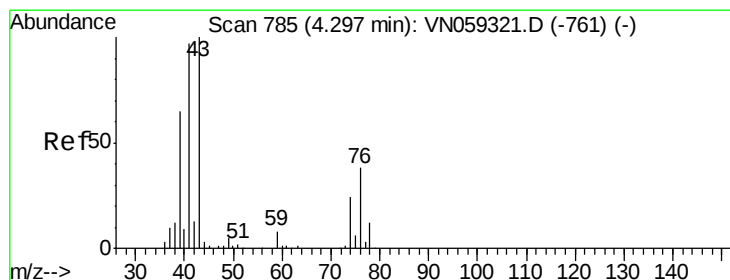
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.454 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059380.D

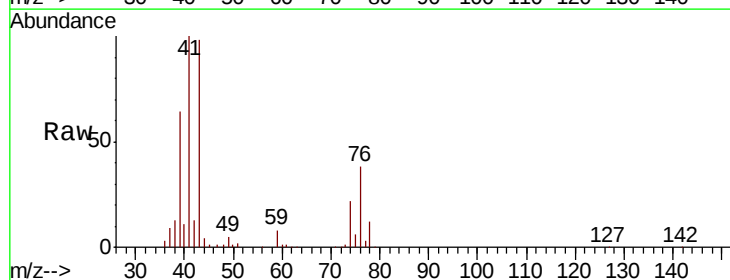
Acq: 25 Nov 2019 13:12

Tgt Ion: 43 Resp: 317577

Ion Ratio Lower Upper

43 100

74 23.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

120000

100000

80000

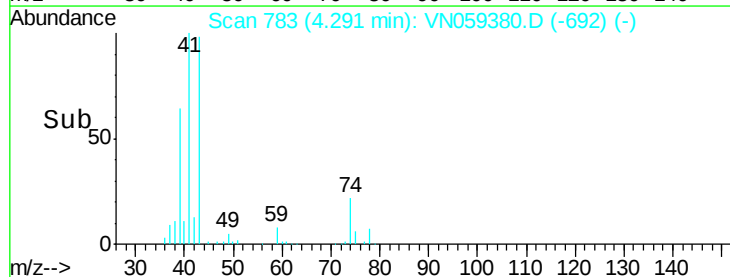
60000

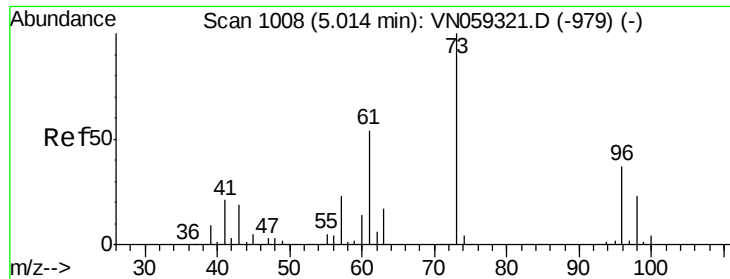
40000

20000

0

Time-->





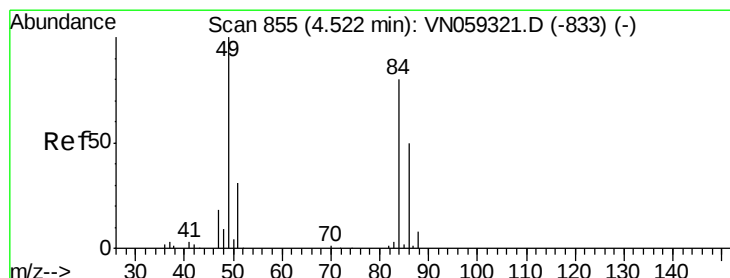
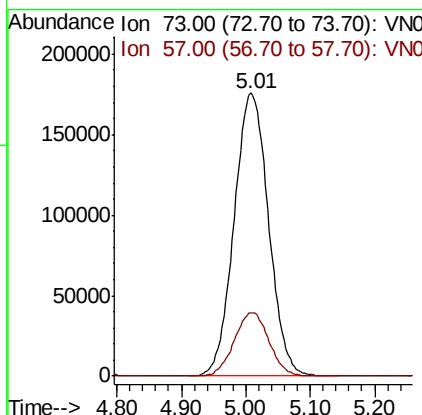
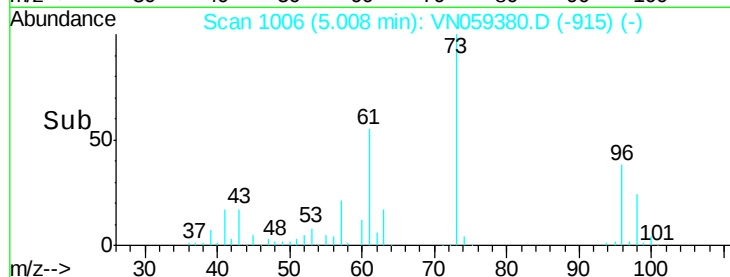
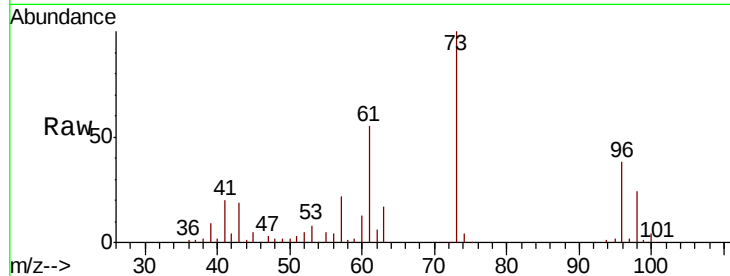
#19
Methvl tert-butvl Ether
Concen: 51.002 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 652664
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6

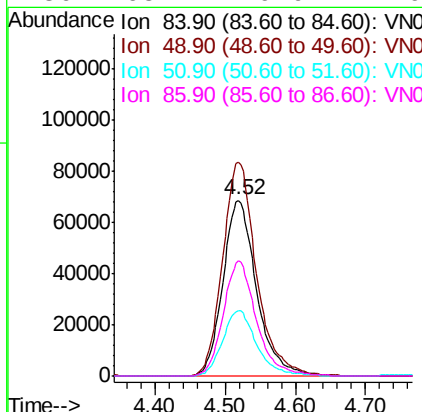
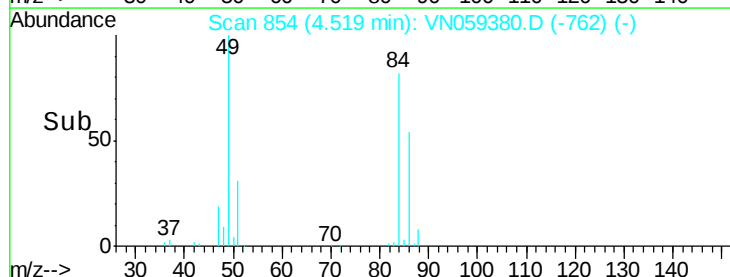
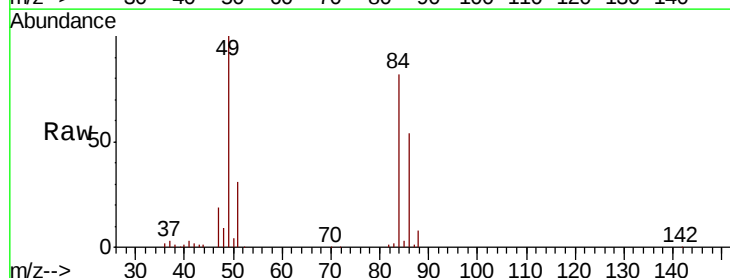
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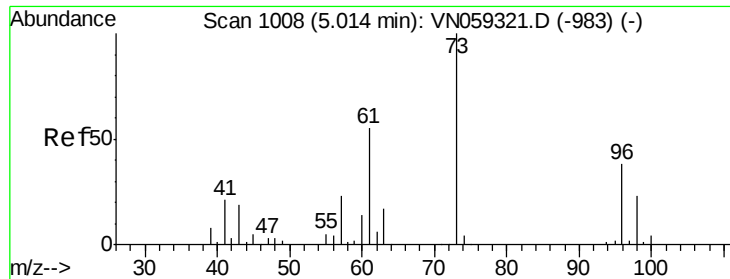
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#20
Methylene Chloride
Concen: 51.237 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 84 Resp: 228221
Ion Ratio Lower Upper
84 100
49 121.5 99.5 149.3
51 37.4 31.1 46.7
86 65.4 49.9 74.9





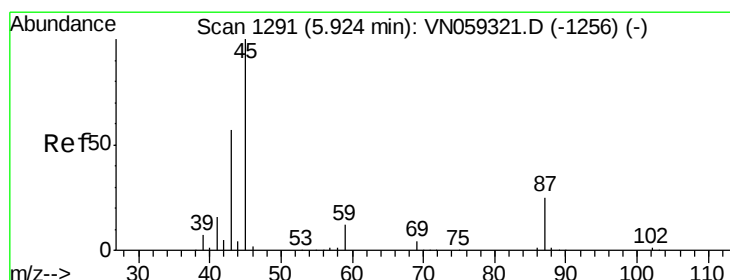
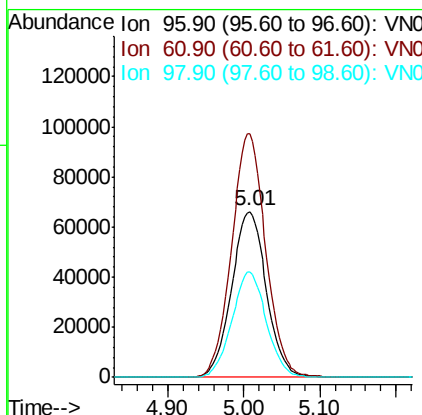
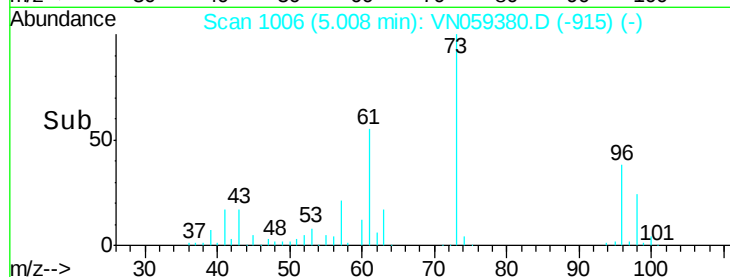
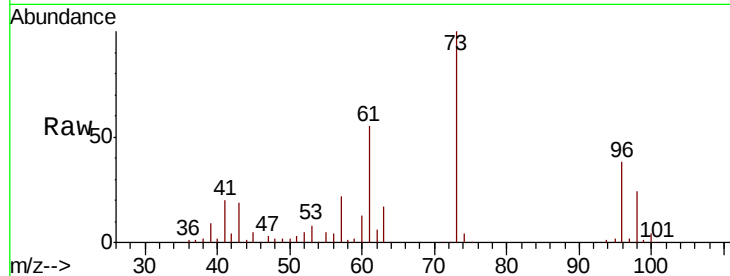
#21
trans-1,2-Dichloroethene
Concen: 50.081 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	116.4	174.6
98	63.8	49.6	74.4

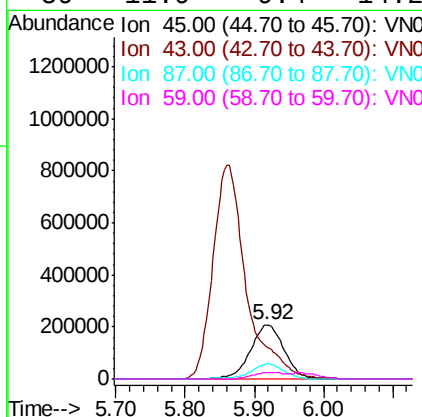
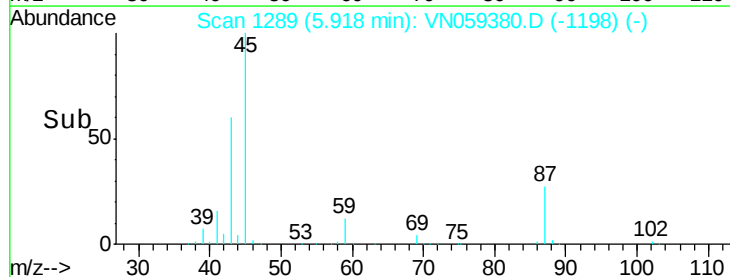
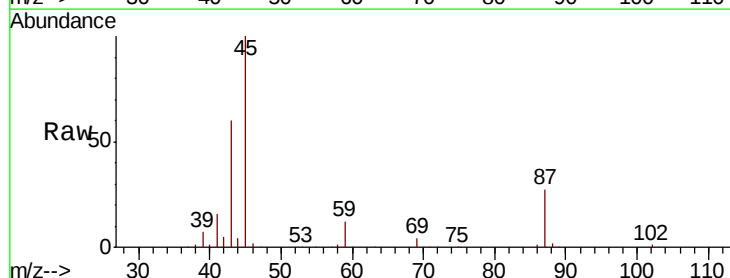
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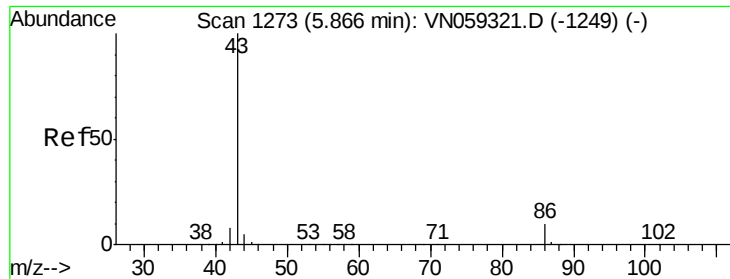
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#22
Diisopropyl ether
Concen: 50.326 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.6	71.4
87	27.4	20.7	31.1
59	11.9	9.4	14.2





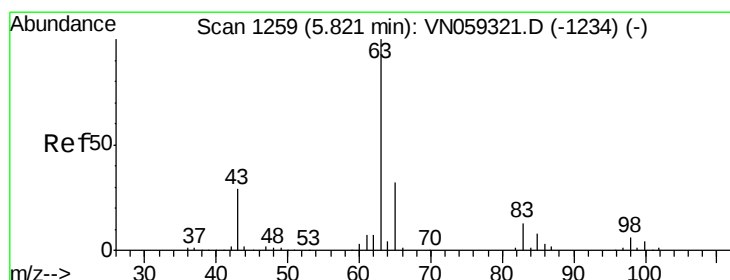
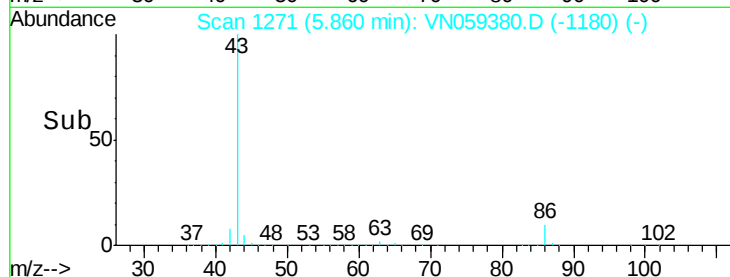
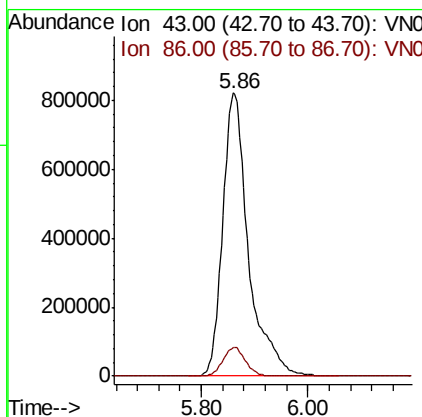
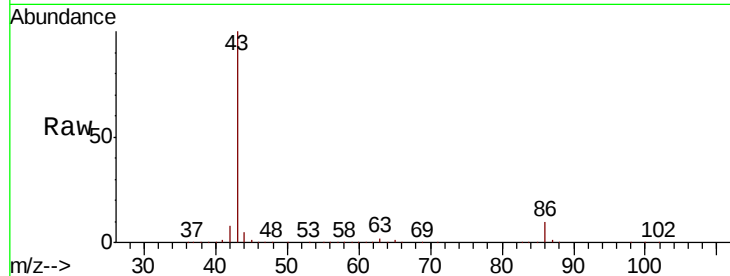
#23
 Vinyl Acetate
 Concen: 251.568 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2756860
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0

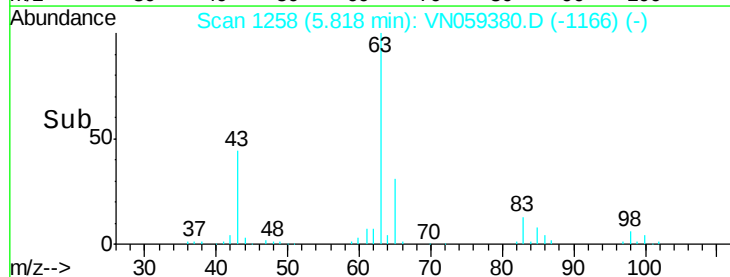
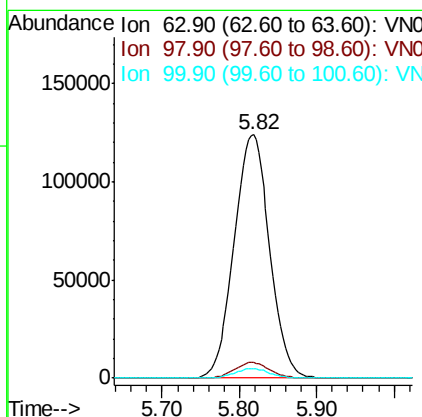
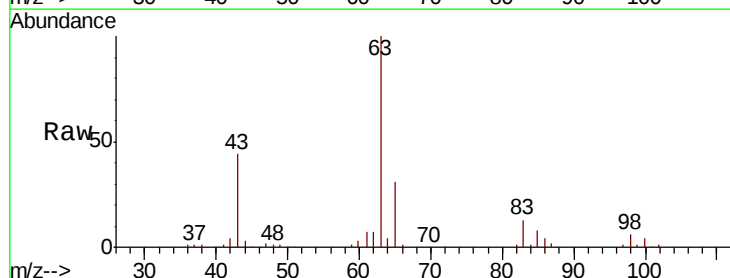
Manual Integrations
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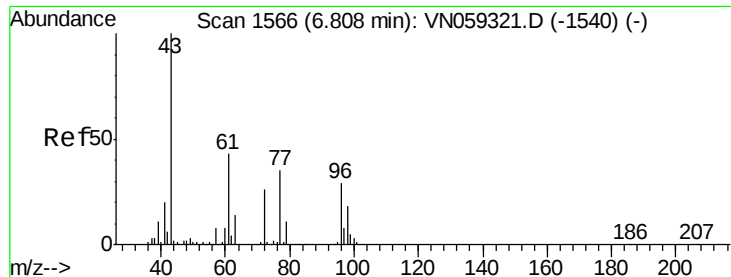
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#24
 1,1-Dichloroethane
 Concen: 50.307 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion: 63 Resp: 394607
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 260.863 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 801113

Ion Ratio Lower Upper

43 100

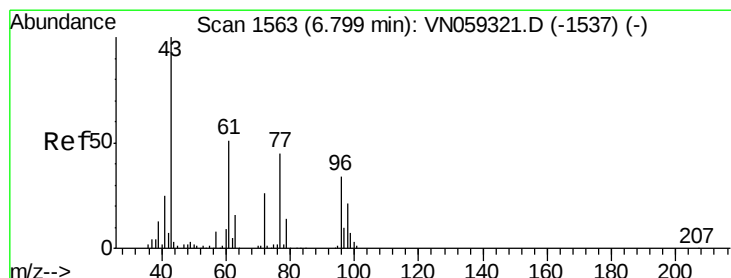
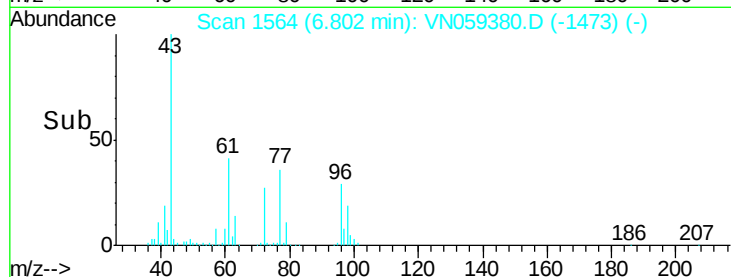
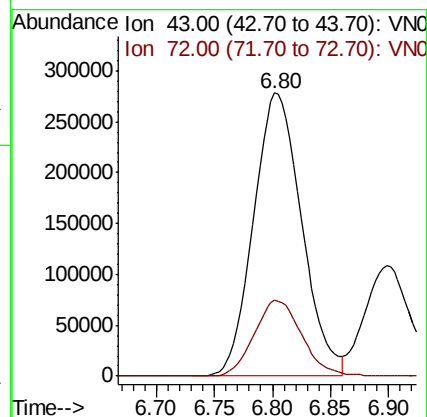
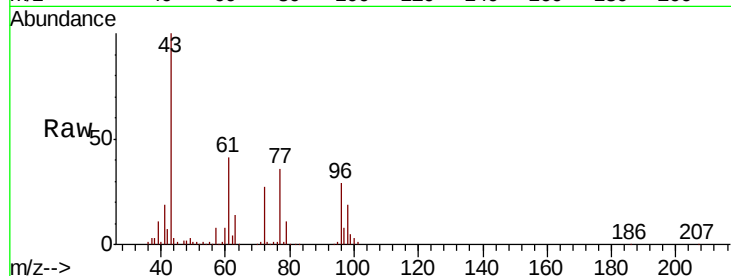
72 26.7 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.052 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059380.D

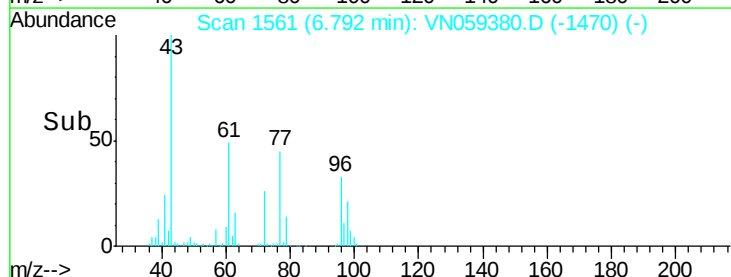
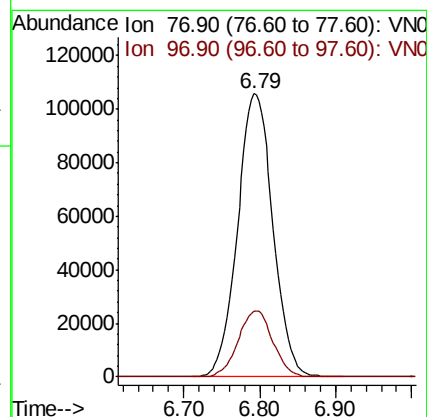
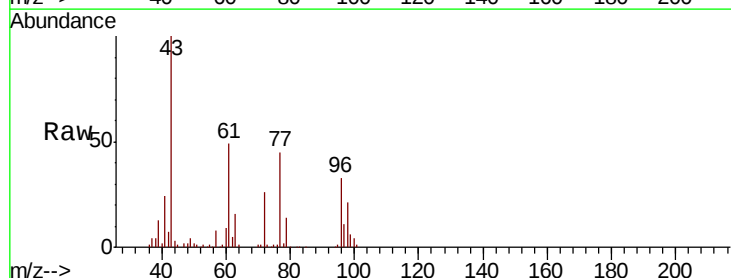
Acq: 25 Nov 2019 13:12

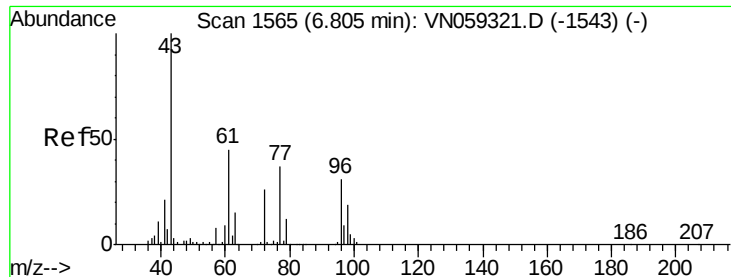
Tgt Ion: 77 Resp: 339958

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 49.768 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

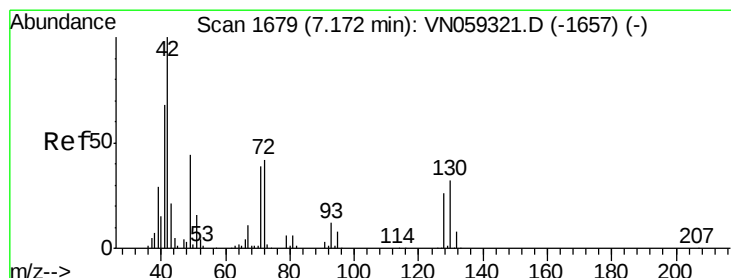
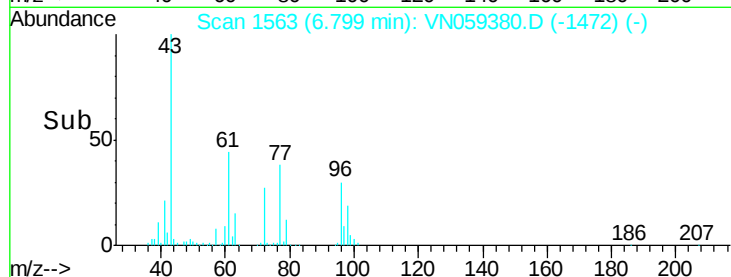
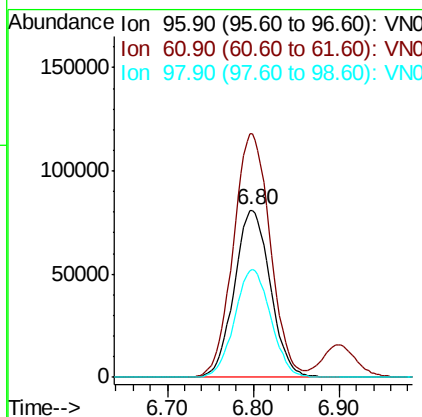
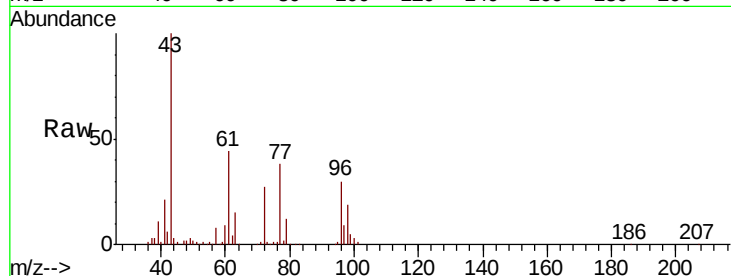
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	235780
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	304.0
98	64.8	0.0	128.4

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#28

Bromochloromethane

Concen: 50.234 ug/l

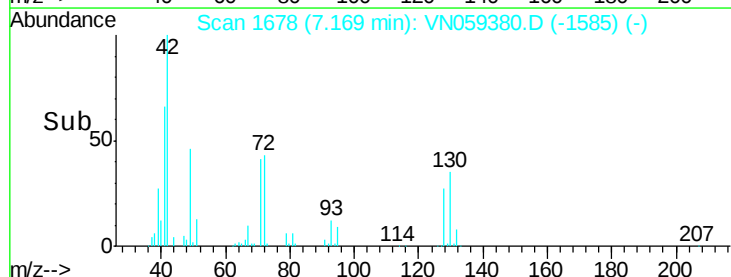
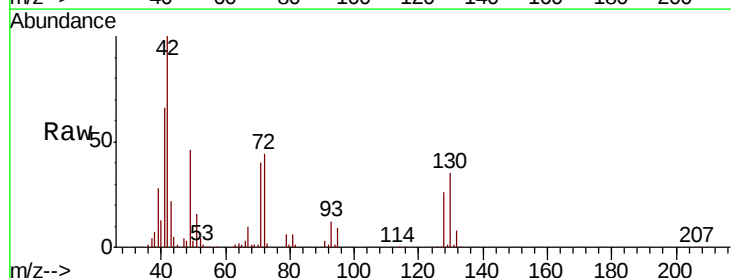
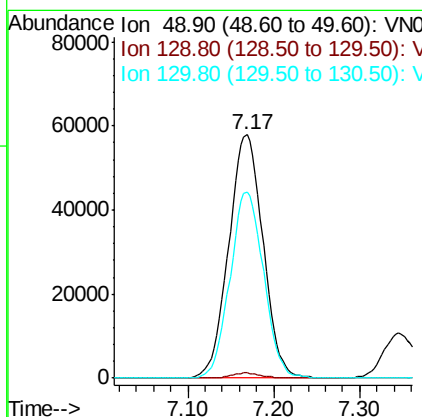
RT: 7.17 min Scan# 1678

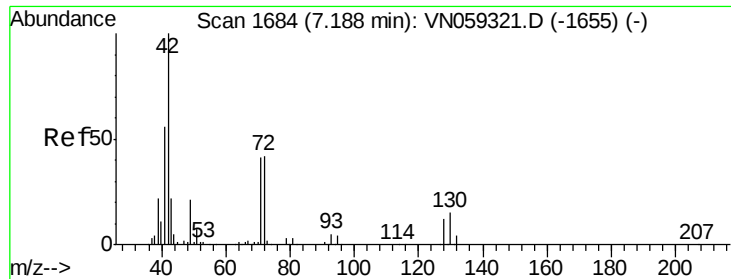
Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	49	Resp:	160541
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	74.9	57.0	85.6





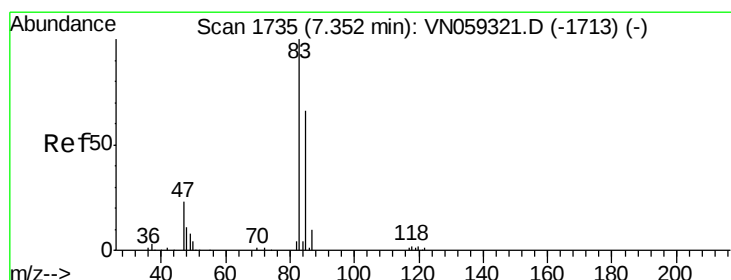
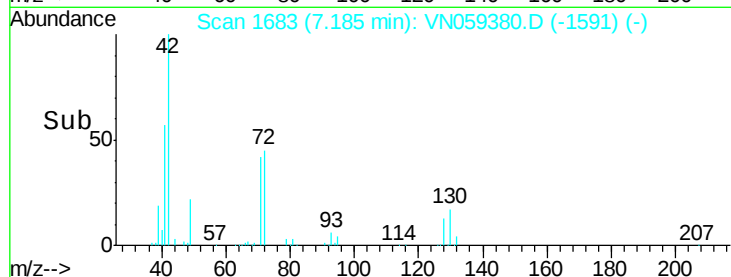
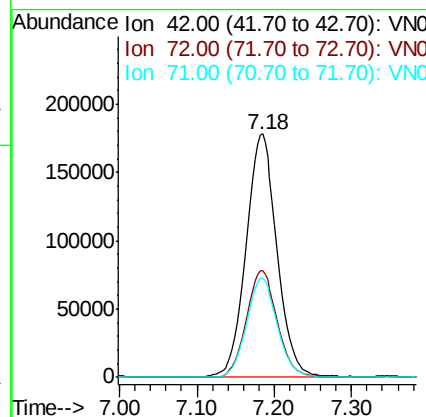
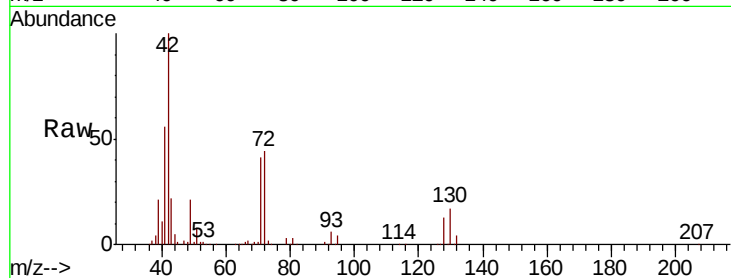
#29
Tetrahydrofuran
Concen: 232.862 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.2	51.2
71	40.8	32.6	48.8

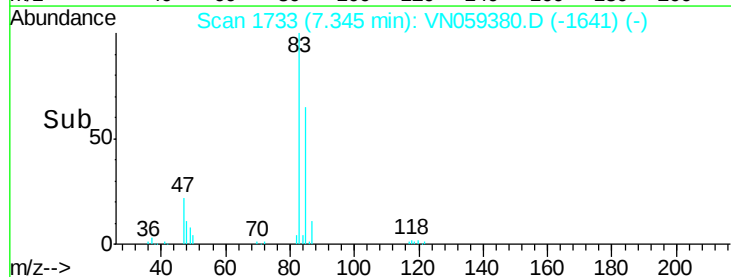
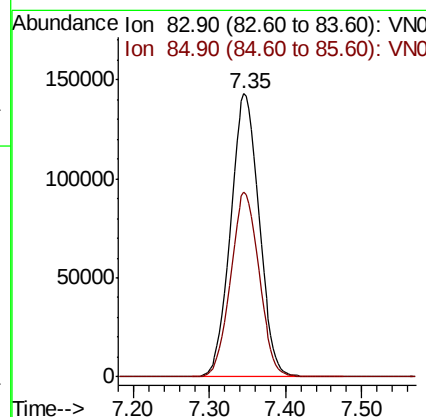
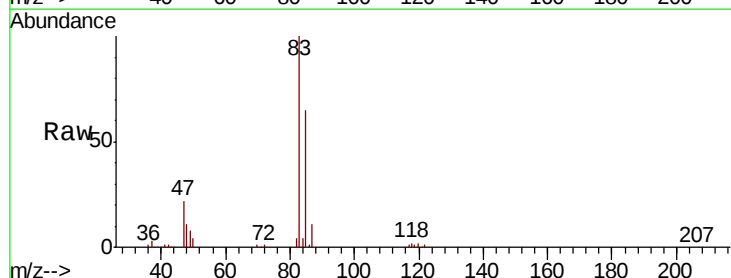
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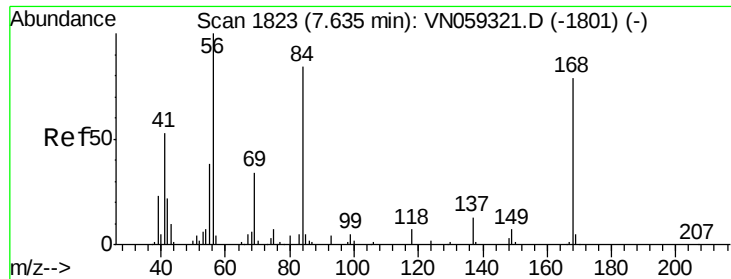
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#30
Chloroform
Concen: 49.013 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.7	79.1





#31

Cyclohexane

Concen: 46.548 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

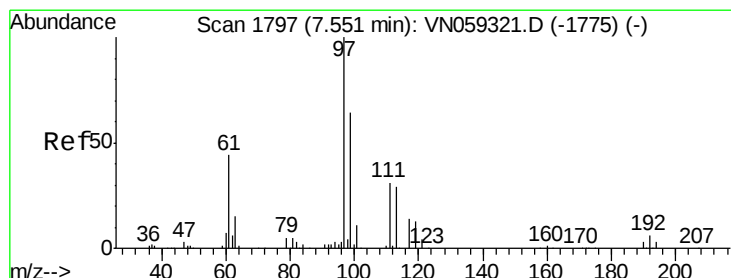
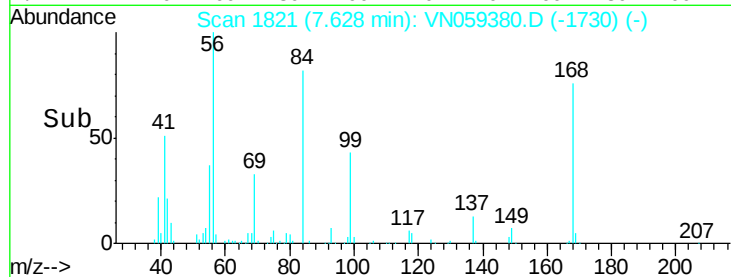
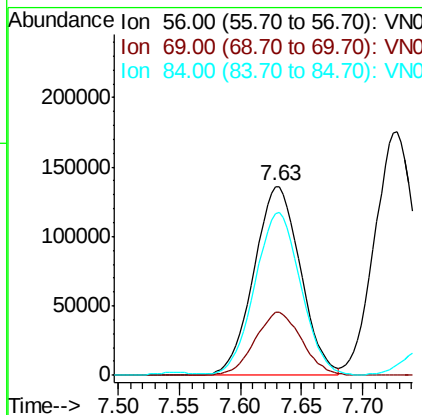
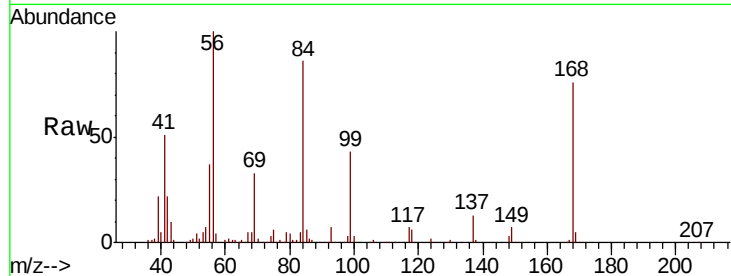
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	361009
Ion Ratio	Lower	Upper	
56	100		
69	33.3	26.6	40.0
84	84.7	67.0	100.4

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#32

1,1,1-Trichloroethane

Concen: 48.887 ug/l

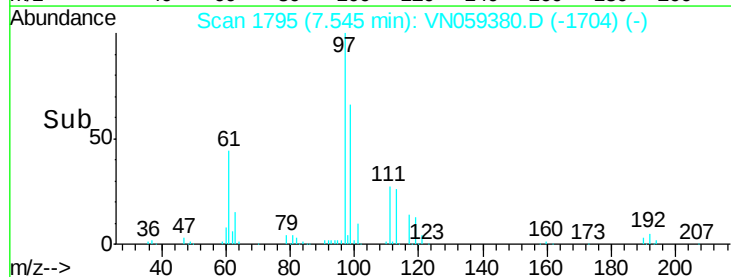
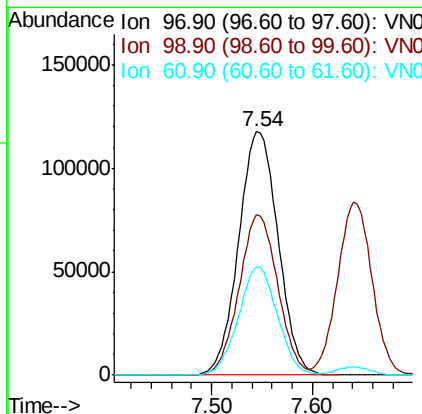
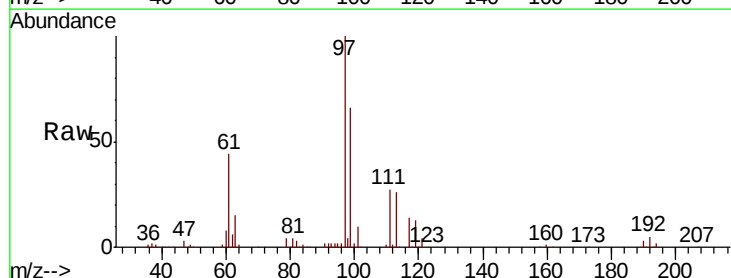
RT: 7.54 min Scan# 1795

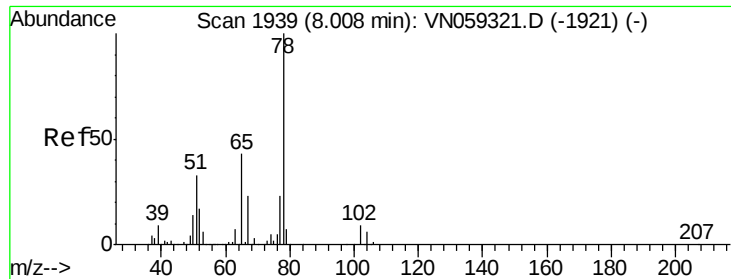
Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	97	Resp:	319726
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.3	76.9
61	43.8	35.3	52.9





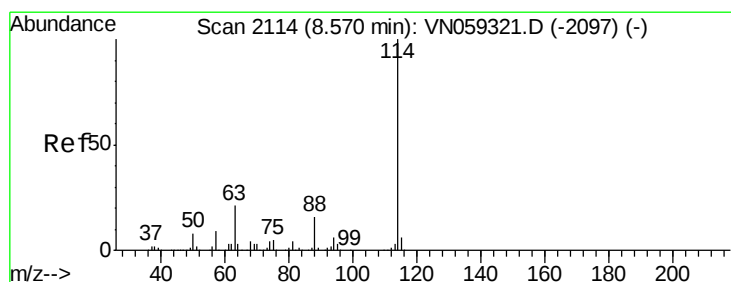
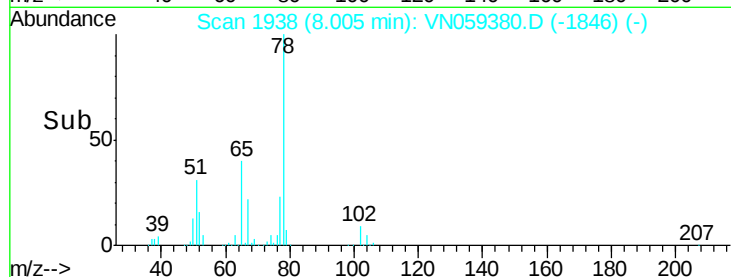
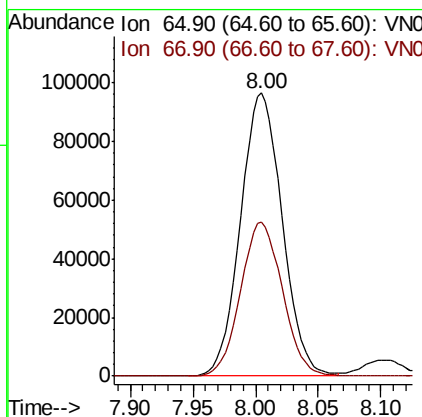
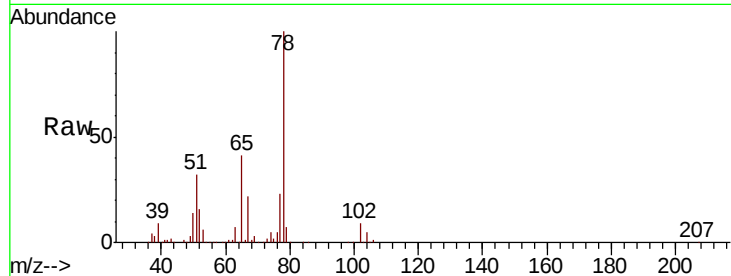
#33
 1,2-Dichloroethane-d4
 Concen: 50.713 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.4

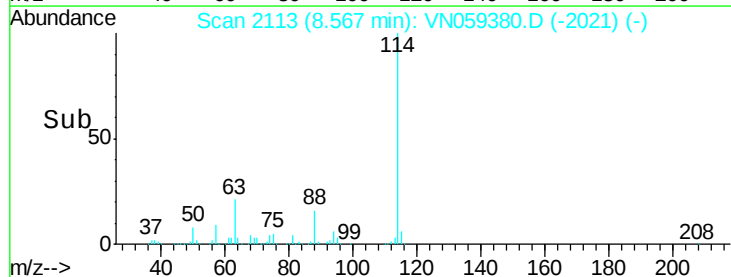
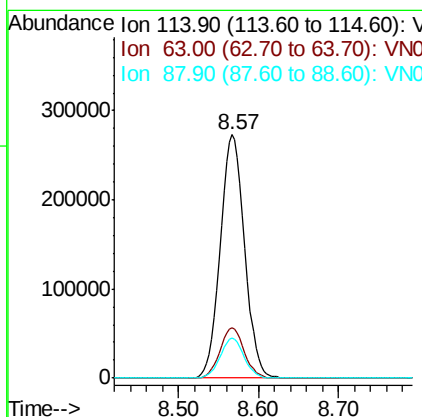
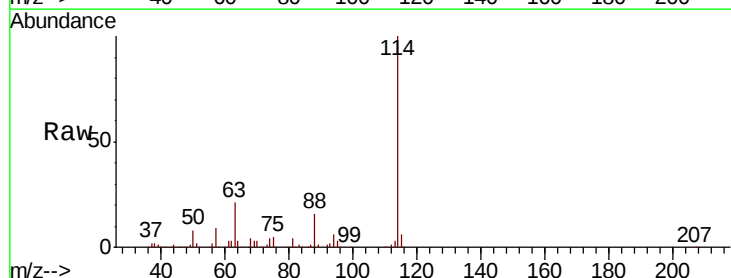
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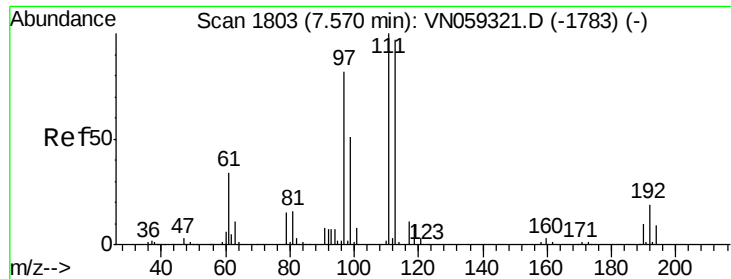
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	16.4	0.0	32.2





#35

Dibromofluoromethane

Concen: 53.223 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

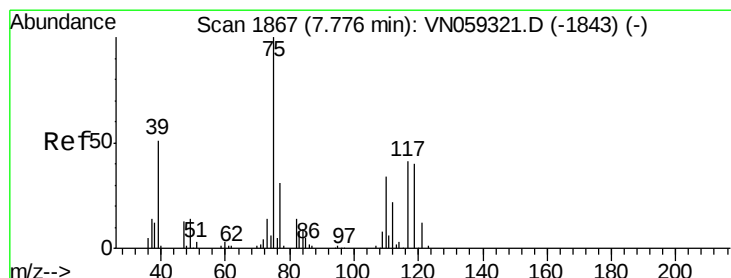
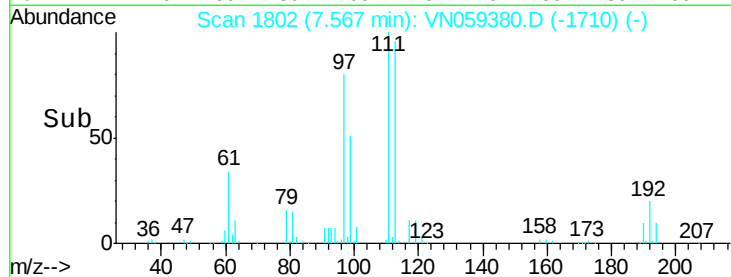
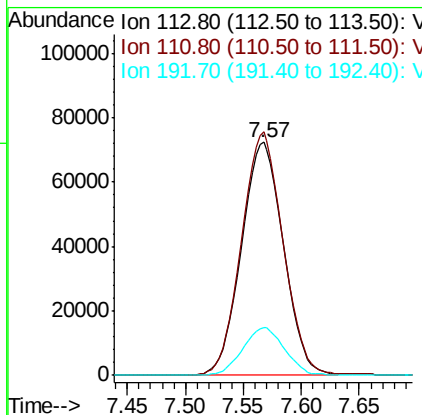
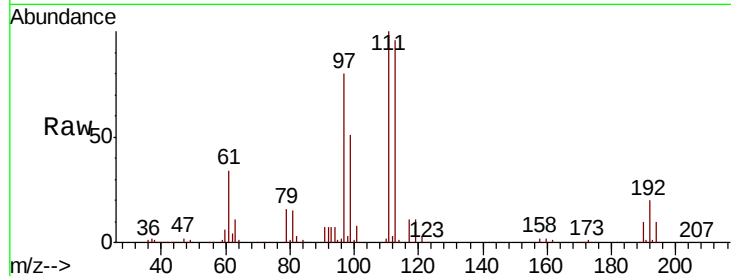
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	182445
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.7	124.1
192	20.5	16.3	24.5

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#36

1,1-Dichloropropene

Concen: 49.978 ug/l

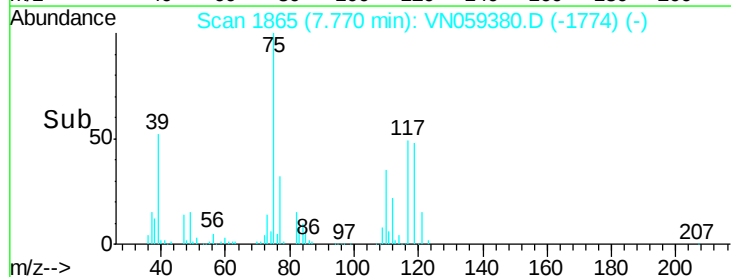
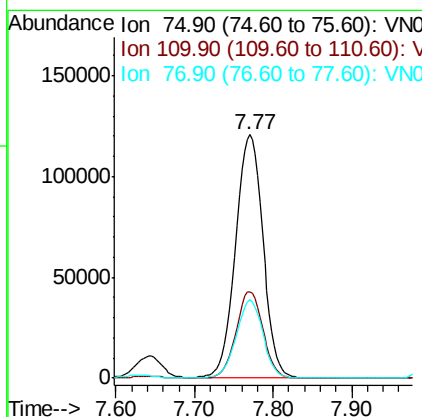
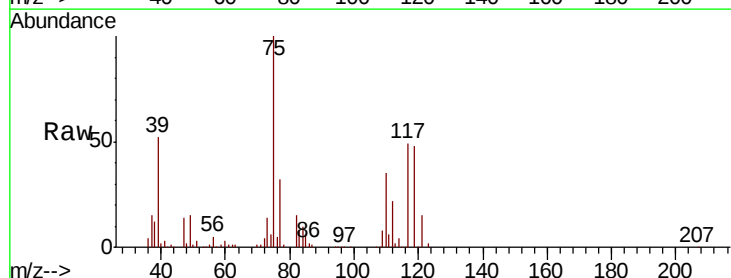
RT: 7.77 min Scan# 1865

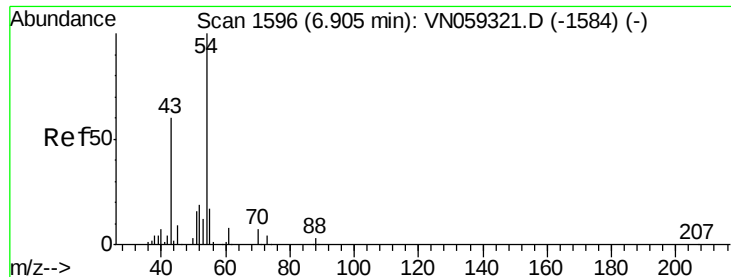
Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	75	Resp:	294804
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.0	51.0
77	31.5	24.8	37.2





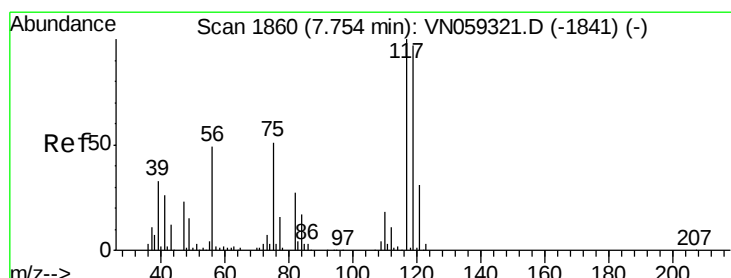
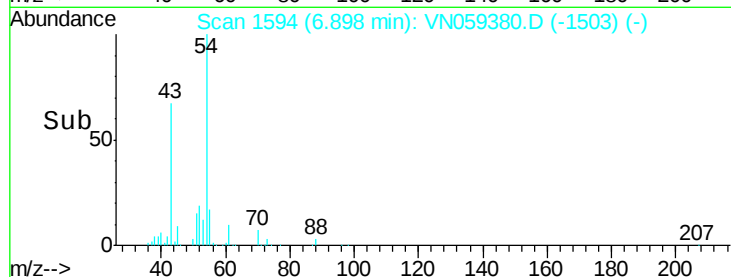
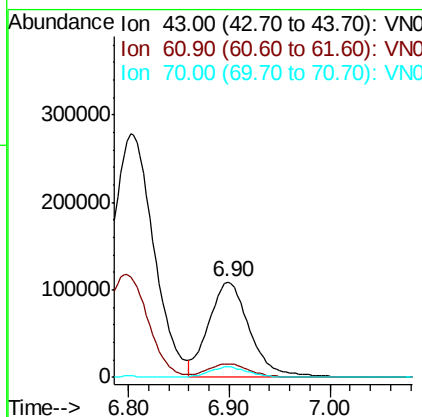
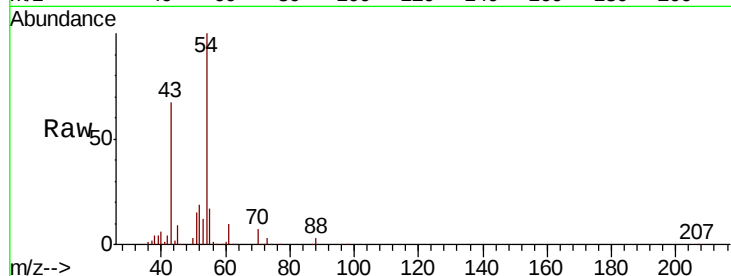
#37
Ethyl Acetate
Concen: 47.800 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.6
70	10.7	8.8	13.2

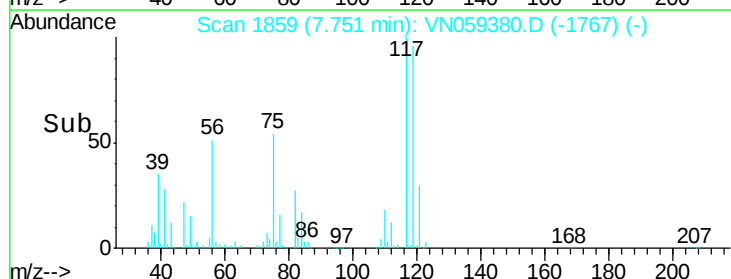
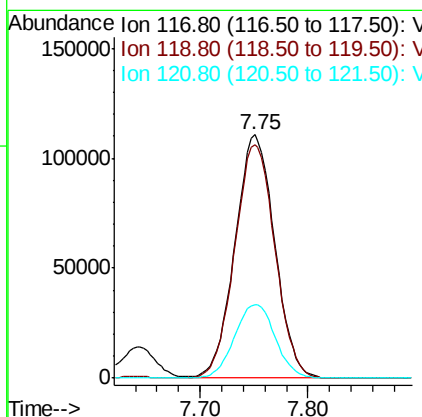
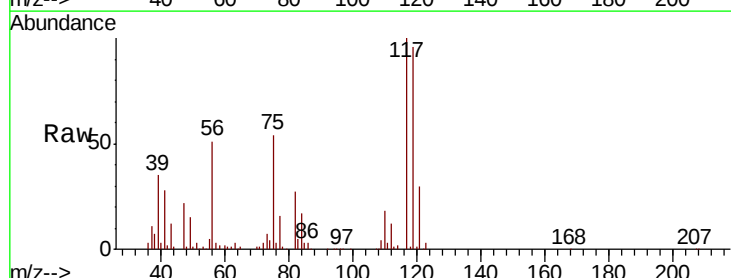
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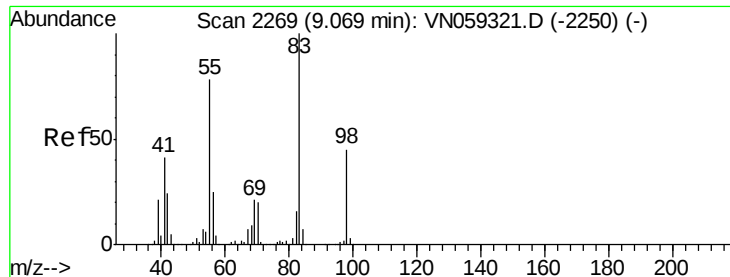
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#38
Carbon Tetrachloride
Concen: 50.179 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
121	30.3	24.4	36.6





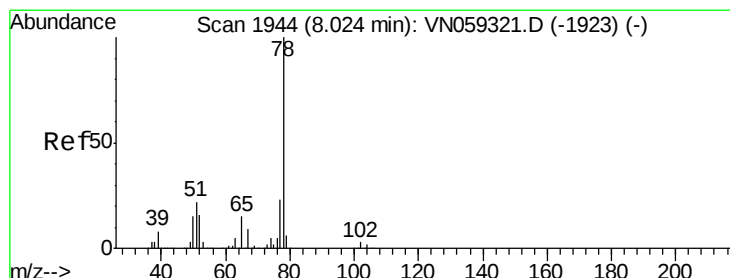
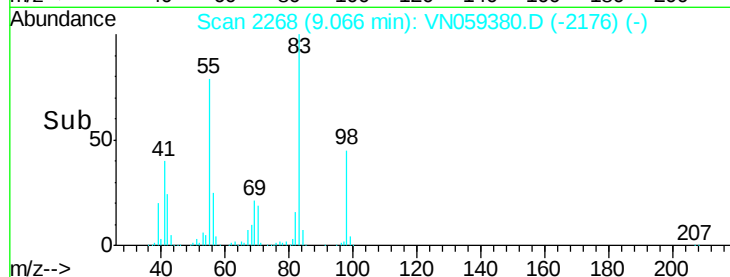
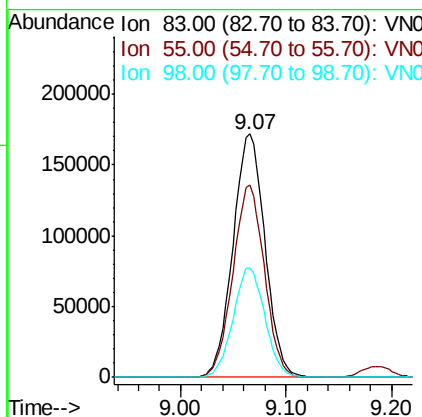
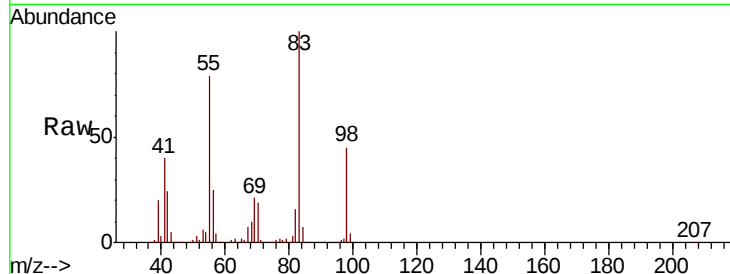
#39
Methvlcvclohexane
Concen: 50.907 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.3	93.5
98	44.9	36.0	54.0

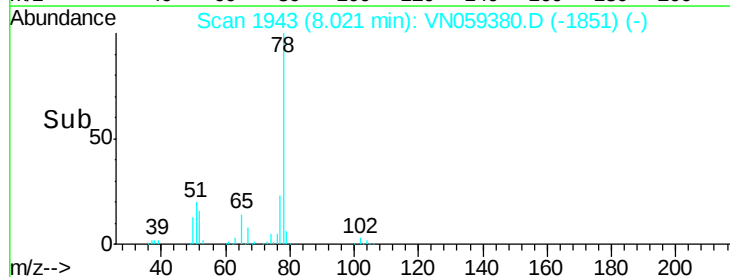
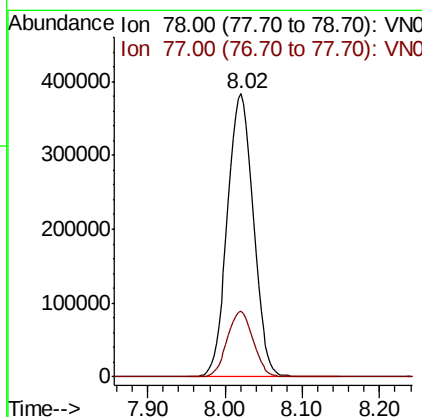
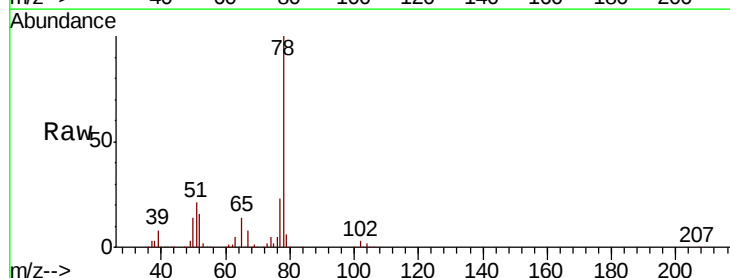
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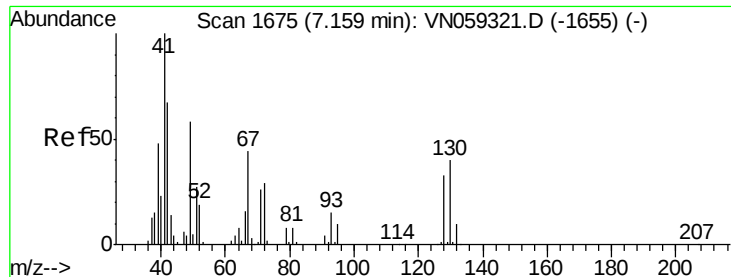
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#40
Benzene
Concen: 51.602 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.4	27.6





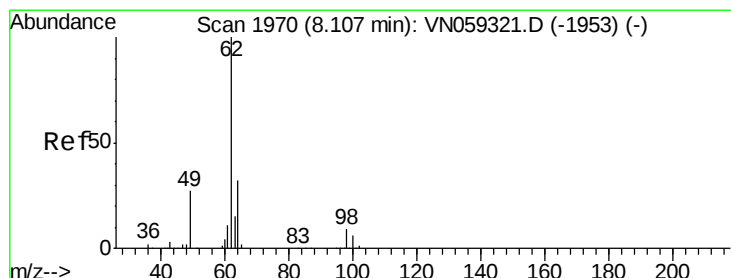
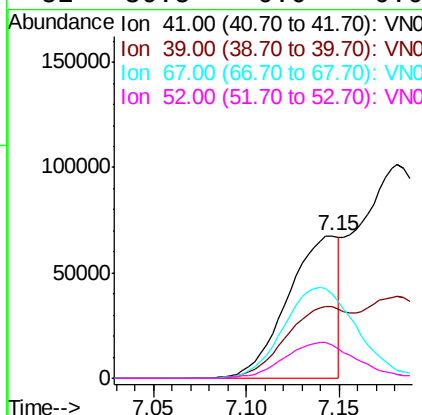
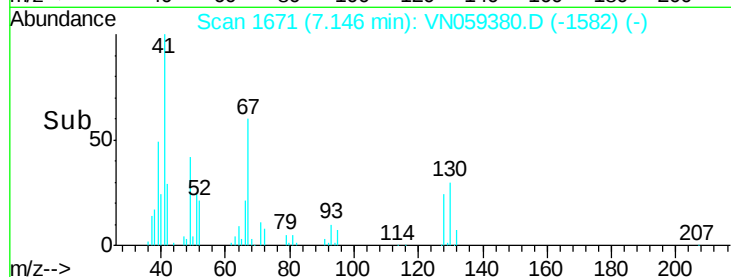
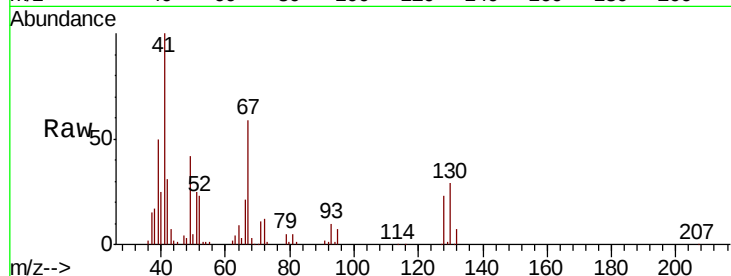
#41
Methacrylonitrile
Concen: 45.671 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	65.3	0.0	0.0#		
67	93.3	0.0	0.0#		
52	36.5	0.0	0.0#		

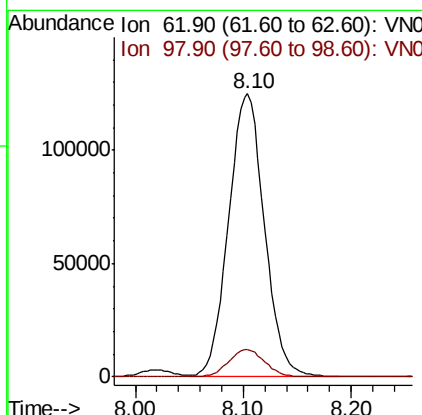
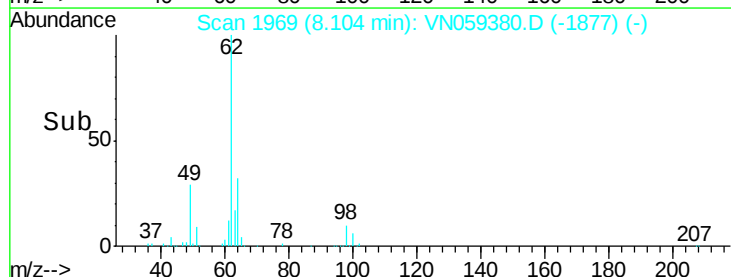
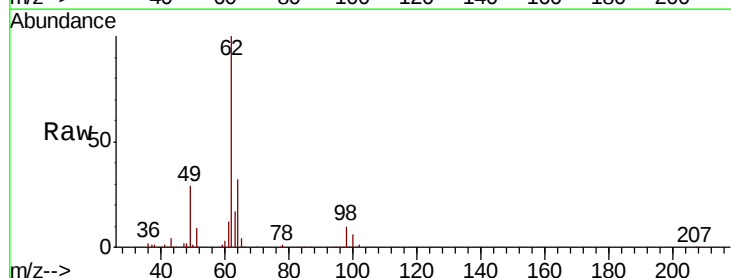
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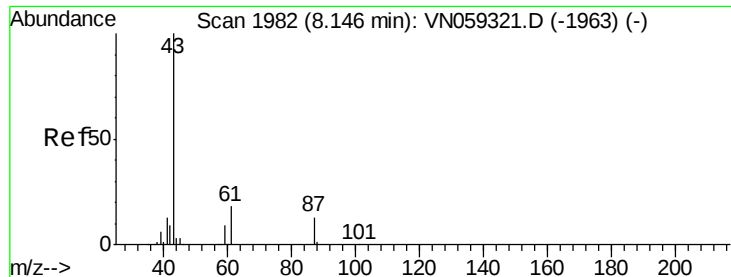
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#42
1,2-Dichloroethane
Concen: 50.245 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.7	0.0	18.6		





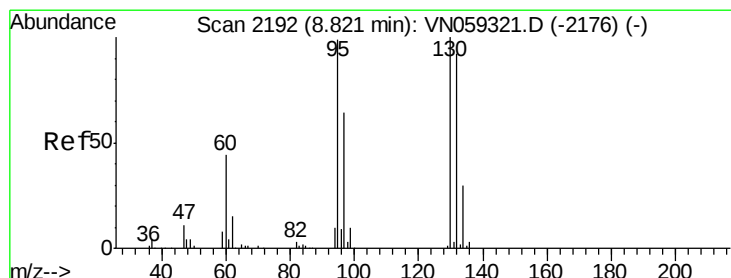
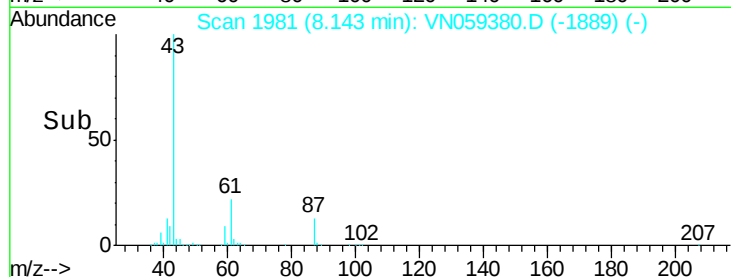
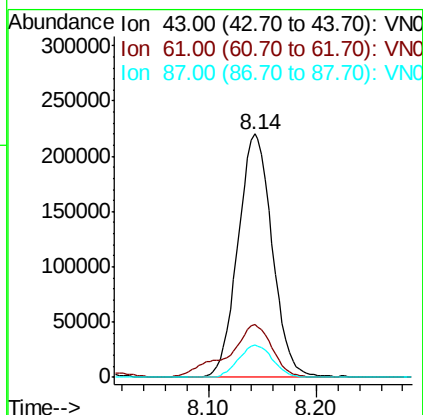
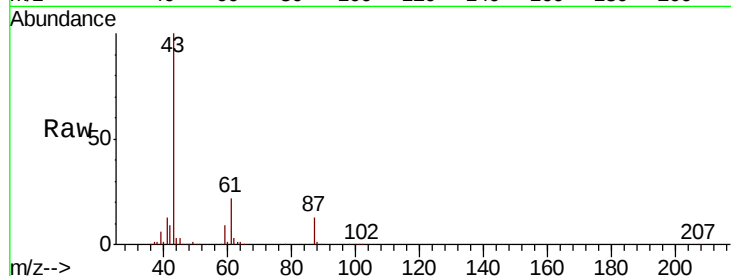
#43
Isopropyl Acetate
Concen: 49.904 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.7	32.5
87	13.3	10.2	15.4

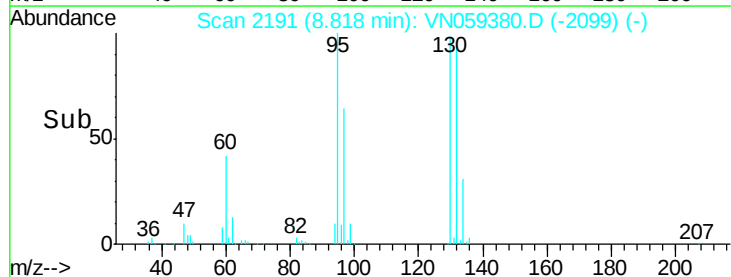
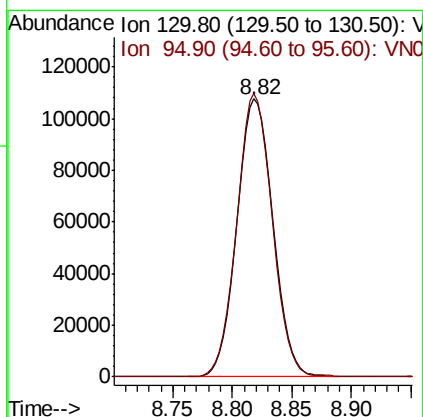
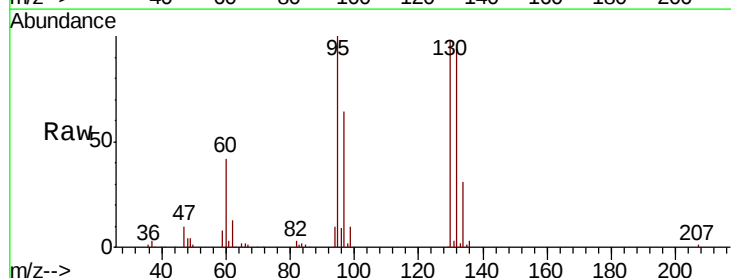
Manual Integrations
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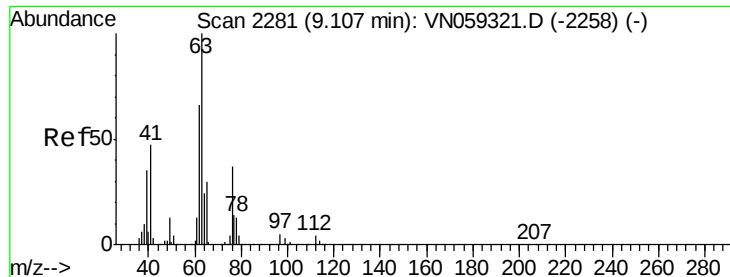
apatel
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#44
Trichloroethene
Concen: 51.590 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	198.4





#45

1,2-Dichloropropane

Concen: 51.640 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 238395

Ion Ratio Lower Upper

63 100

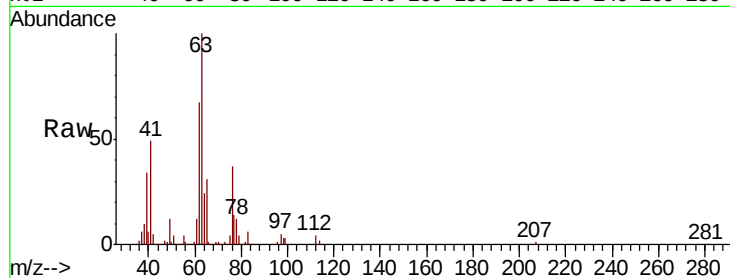
65 30.8 23.9 35.9

Manual Integrations

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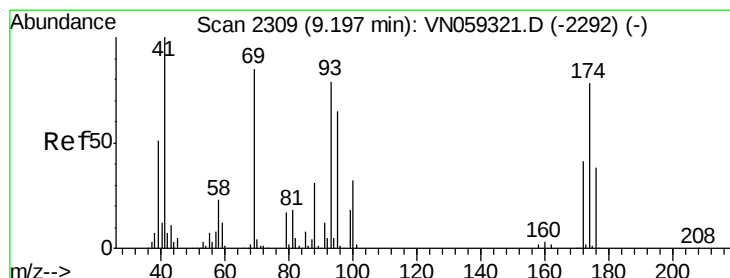
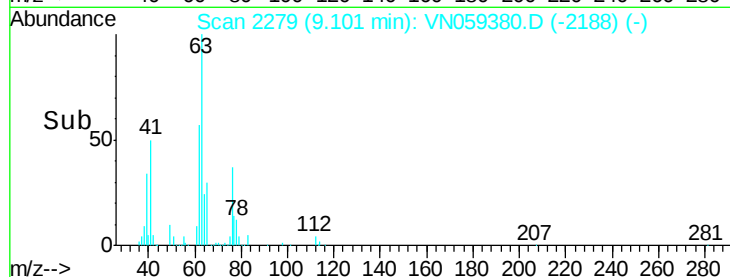
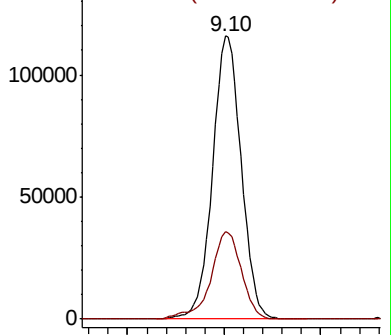
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.874 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

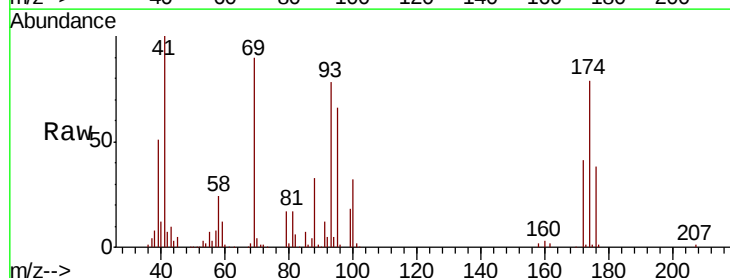
Tgt Ion: 93 Resp: 144058

Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

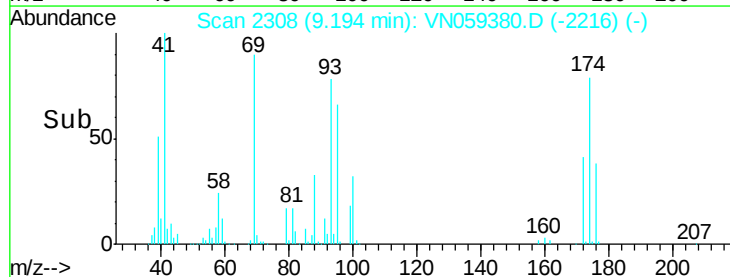
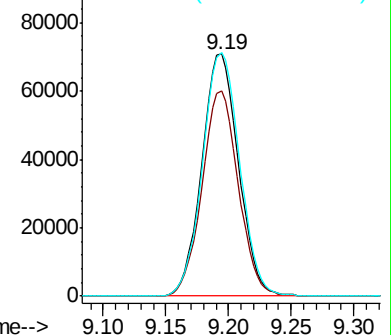
174 102.1 80.6 120.8

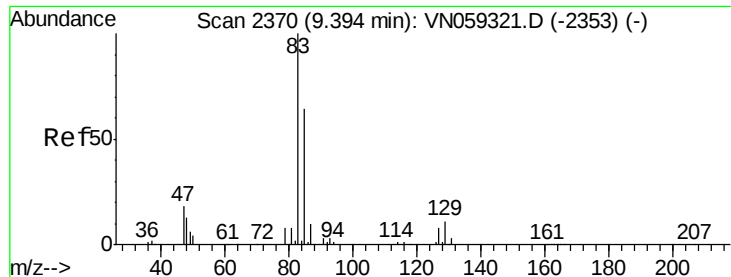


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.048 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.01 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

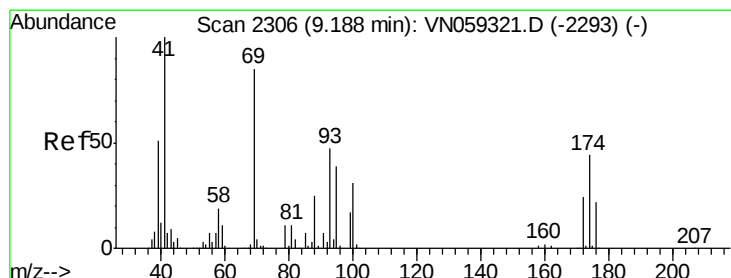
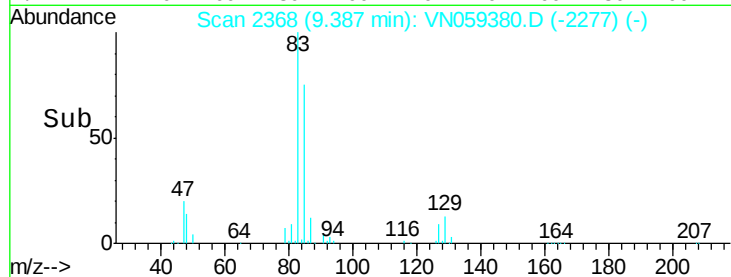
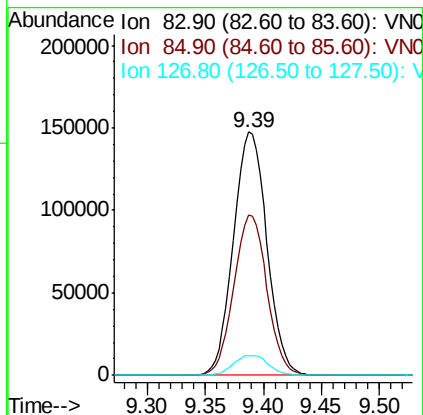
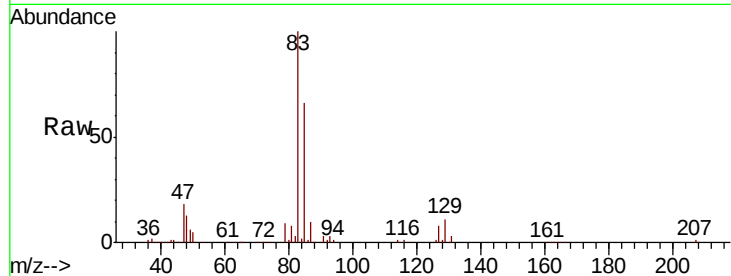
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	295167
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.5	77.3
127	8.1	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.972 ug/l

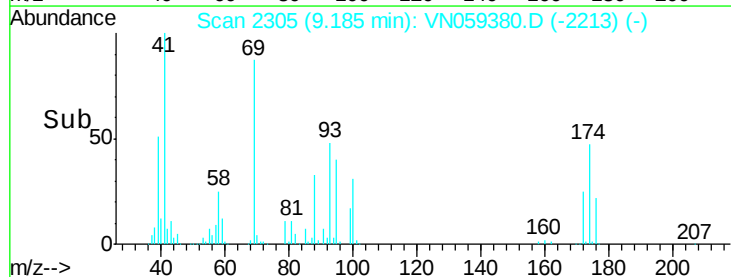
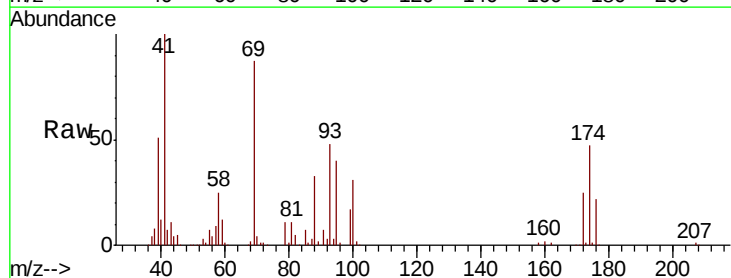
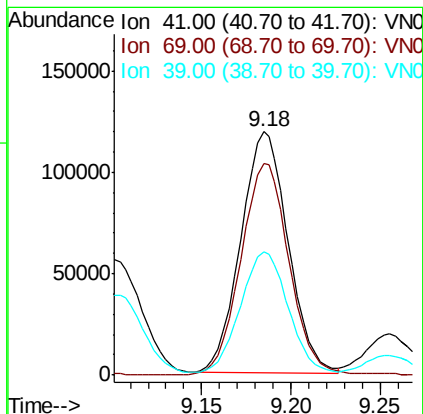
RT: 9.18 min Scan# 2305

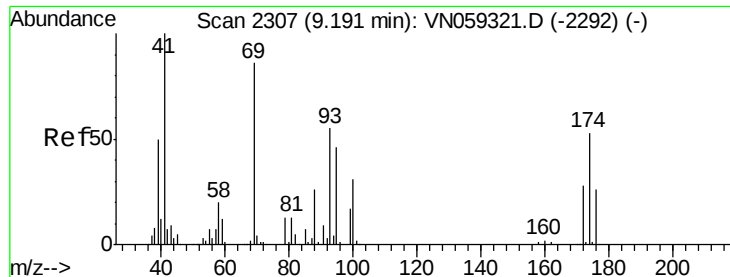
Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	41	Resp:	220164
Ion Ratio	Lower	Upper	
41	100		
69	89.9	68.8	103.2
39	52.3	42.1	63.1





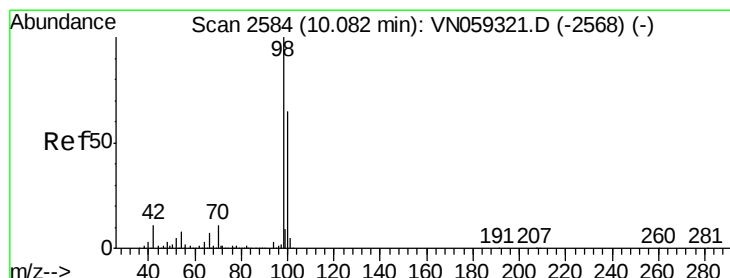
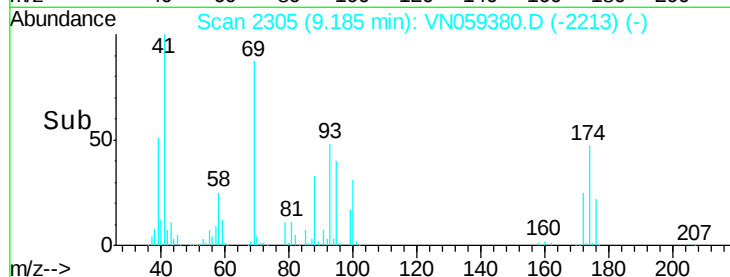
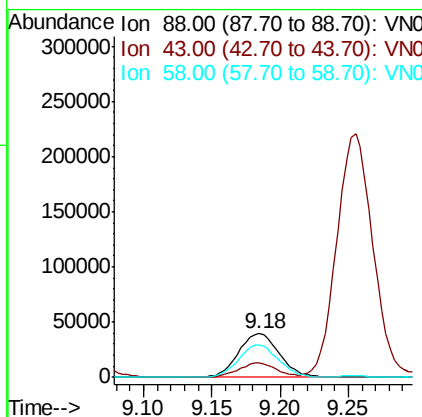
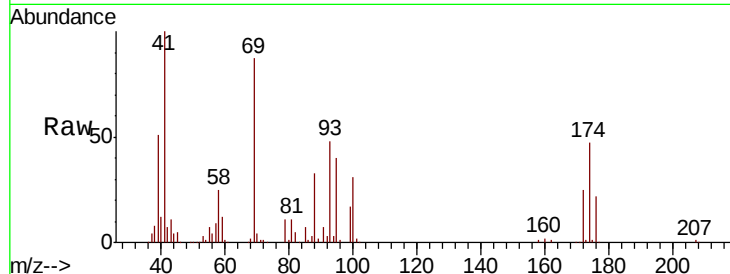
#49
1,4-Dioxane
Concen: 1245.102 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	26.9	40.3
58	72.5	59.2	88.8

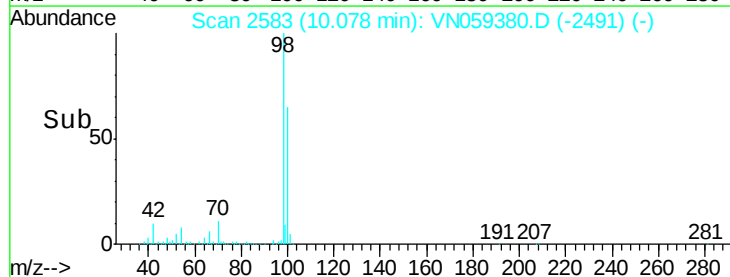
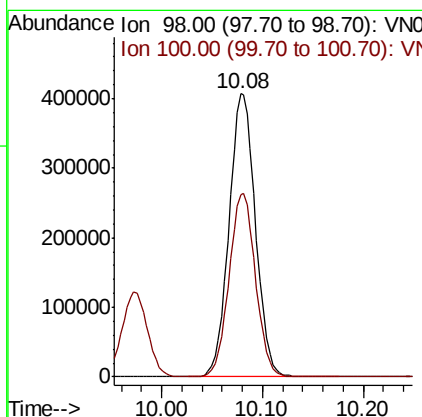
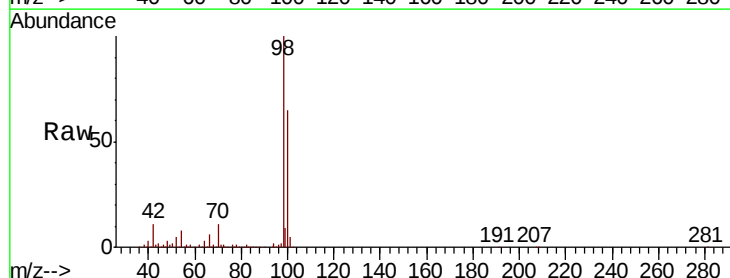
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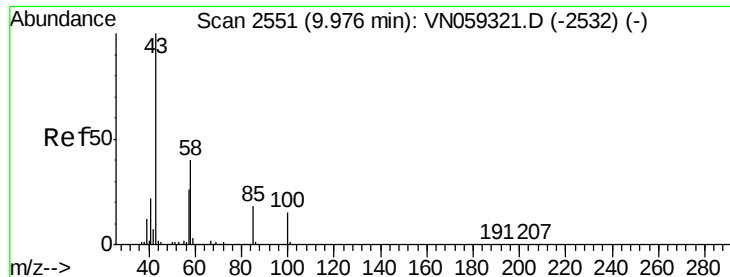
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#50
Toluene-d8
Concen: 54.411 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 261.523 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1483064

Ion Ratio Lower Upper

43 100

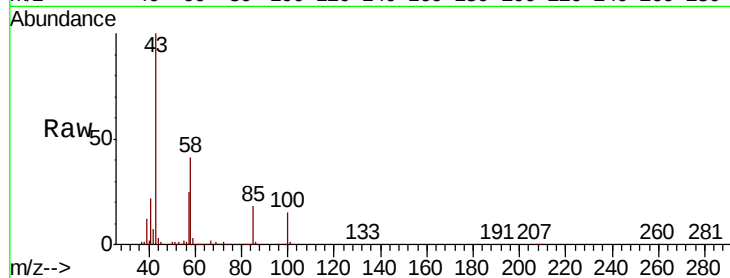
58 40.7 31.8 47.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

400000

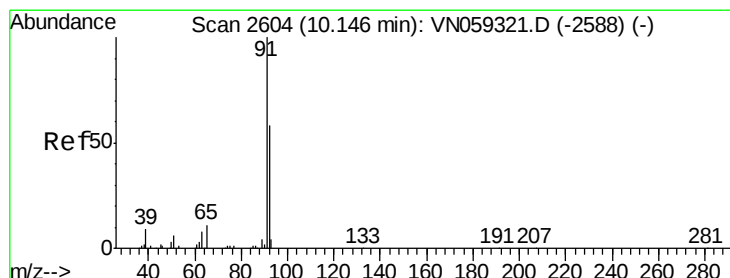
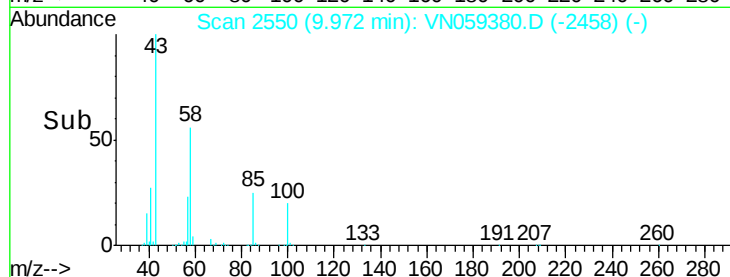
200000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 52.208 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059380.D

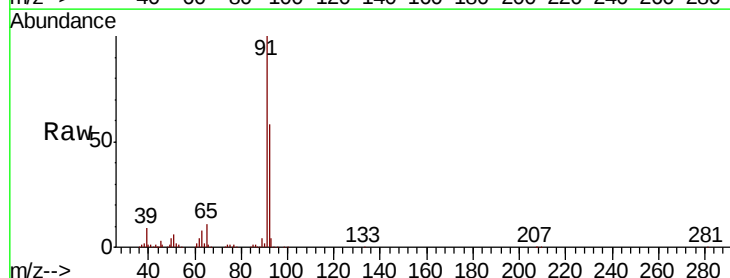
Acq: 25 Nov 2019 13:12

Tgt Ion: 92 Resp: 543481

Ion Ratio Lower Upper

92 100

91 172.8 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

600000

500000

400000

300000

200000

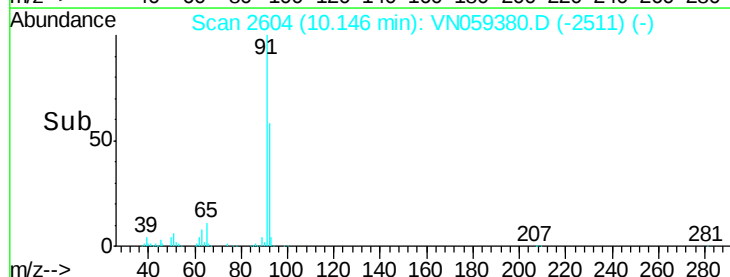
100000

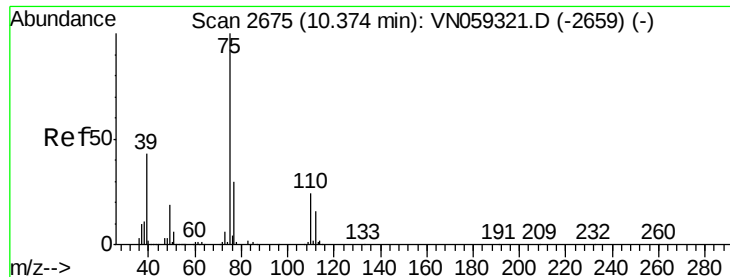
0

10.10

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.726 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 347590

Ion Ratio Lower Upper

75 100

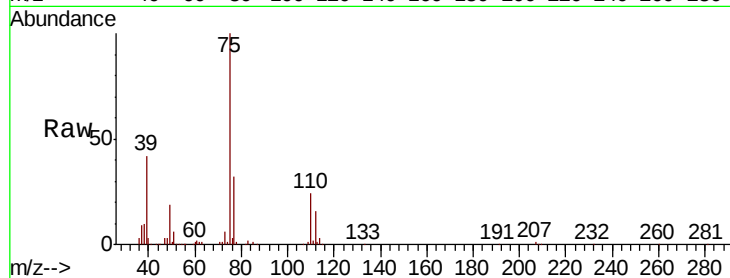
77 32.0 25.5 38.3

Manual Integrations

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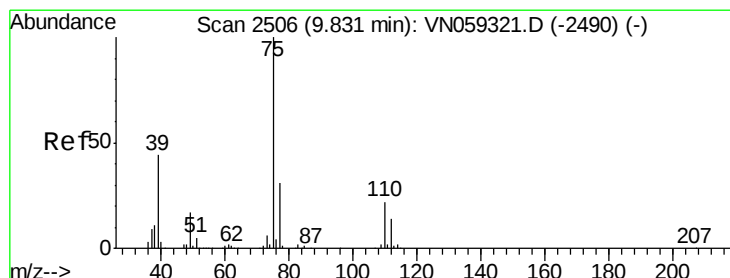
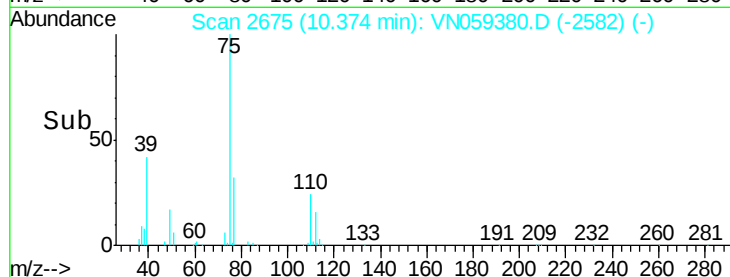
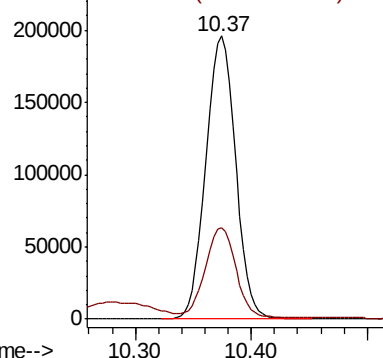
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.425 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

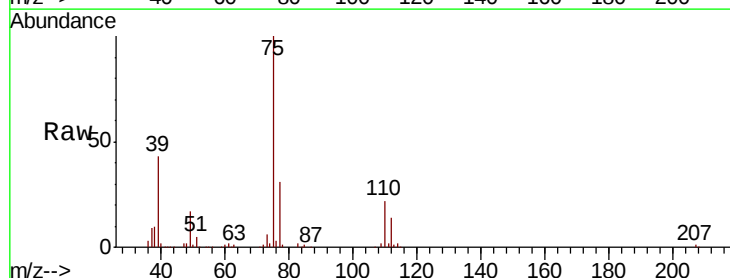
Tgt Ion: 75 Resp: 382182

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

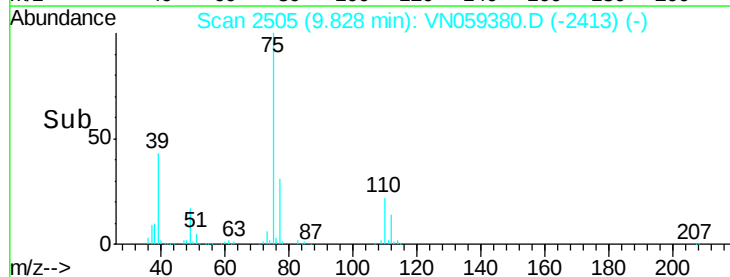
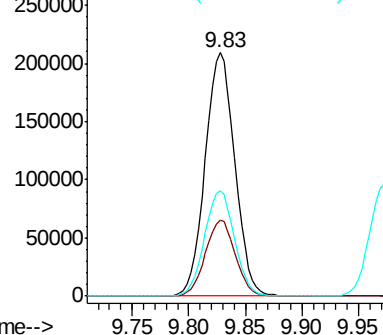
39 43.4 35.5 53.3

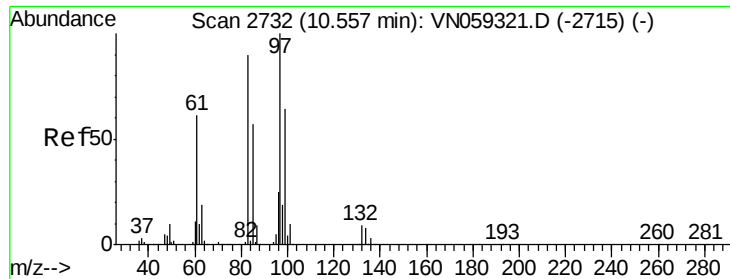


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





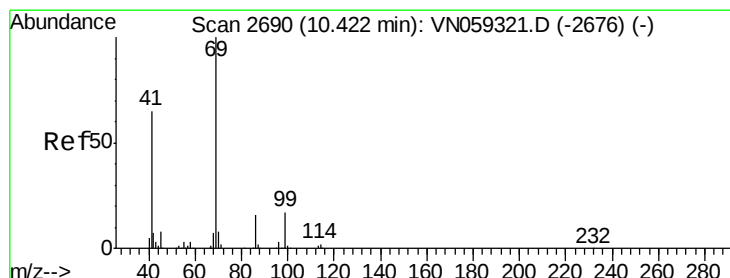
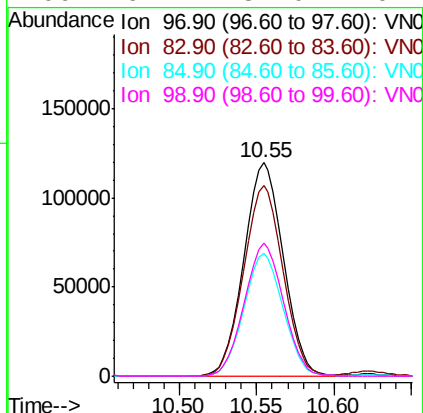
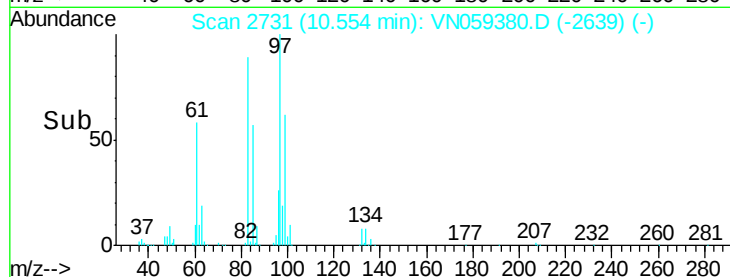
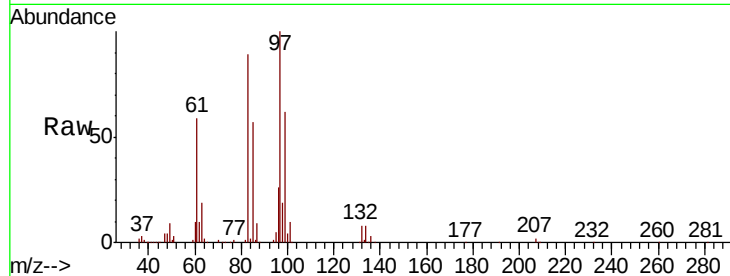
#55
 1,1,2-Trichloroethane
 Concen: 52.659 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	213133
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.0	108.0
85	57.3	45.8	68.6
99	62.2	51.0	76.4

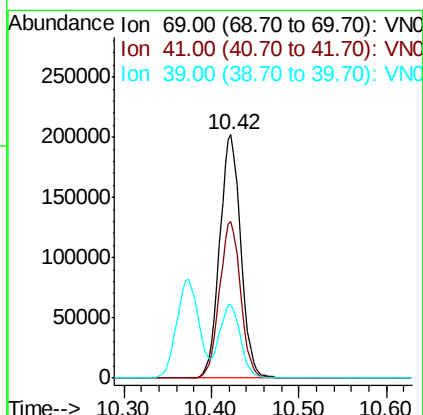
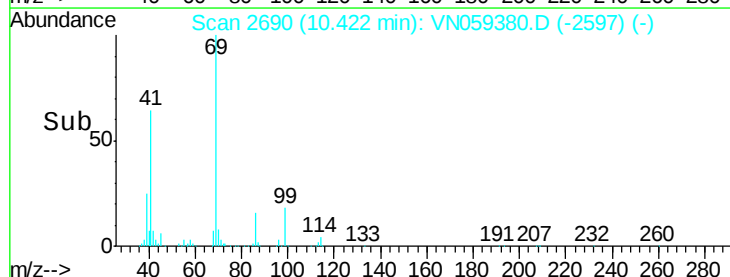
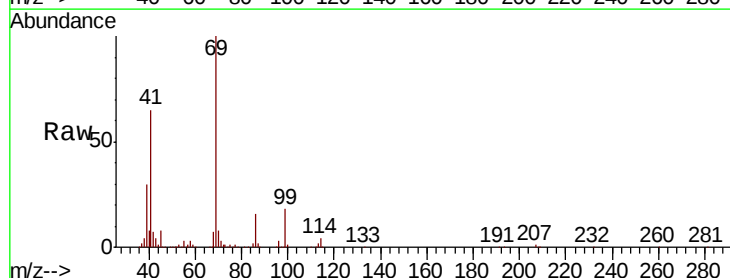
Manual Integrations
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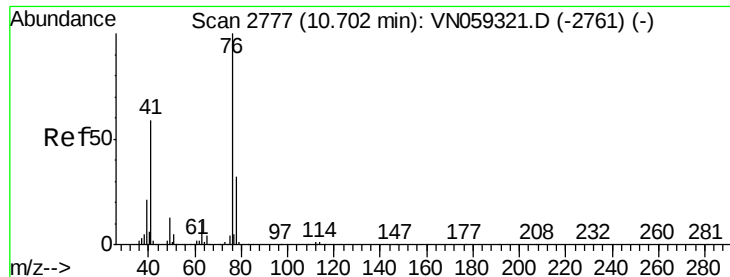
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#56
 Ethyl methacrylate
 Concen: 49.515 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion:	69	Resp:	338314
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.7	77.5
39	29.6	25.2	37.8





#57

1,3-Dichloropropane

Concen: 52.503 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 370375

Ion Ratio Lower Upper

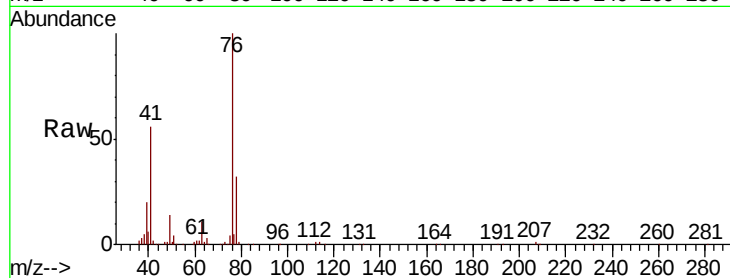
76 100

78 32.3 26.0 39.0

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VN059321.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN059321.D (-2761) (-)

10.70

250000

200000

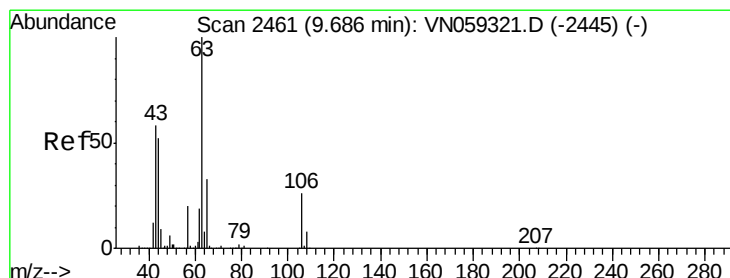
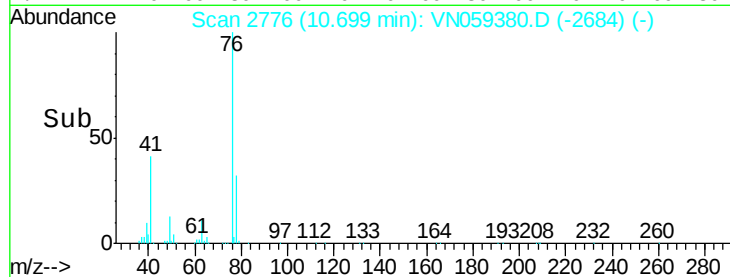
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 281.691 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059380.D

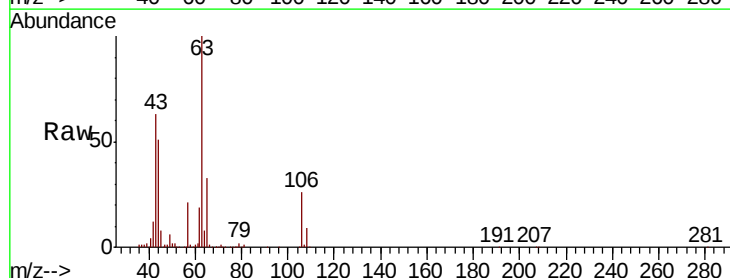
Acq: 25 Nov 2019 13:12

Tgt Ion: 63 Resp: 714749

Ion Ratio Lower Upper

63 100

106 25.8 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN059321.D (-2445) (-)

Ion 105.90 (105.60 to 106.60): VN059321.D (-2445) (-)

9.68

400000

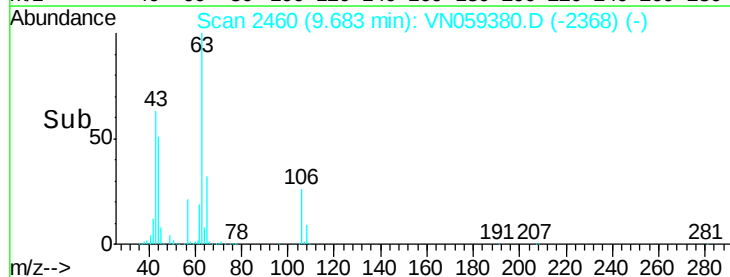
300000

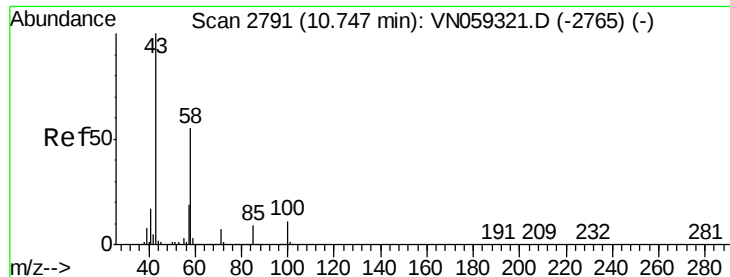
200000

100000

0

Time-->





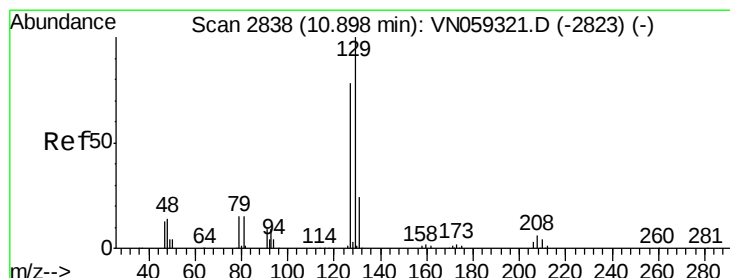
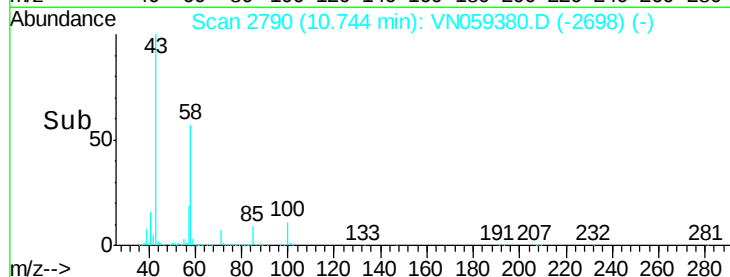
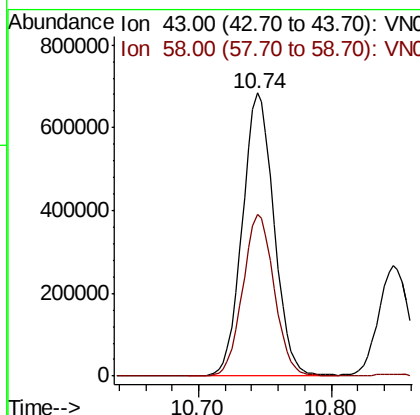
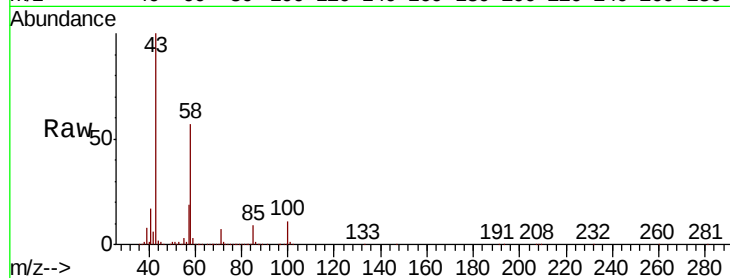
#59
2-Hexanone
Concen: 271.990 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1129429
Ion Ratio Lower Upper
43 100
58 57.2 27.7 83.0

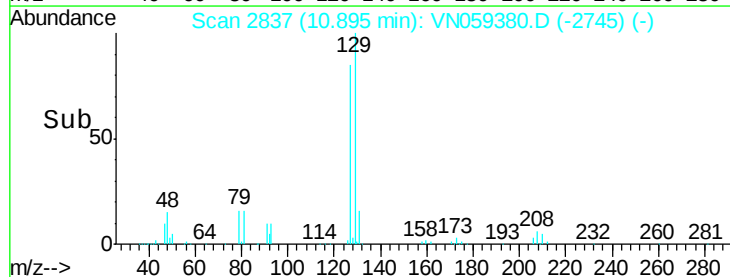
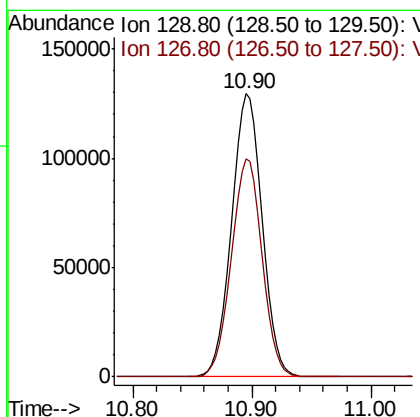
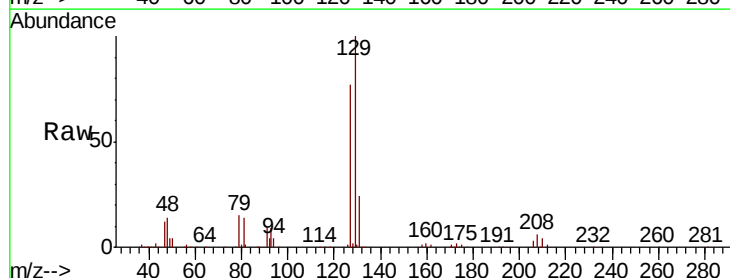
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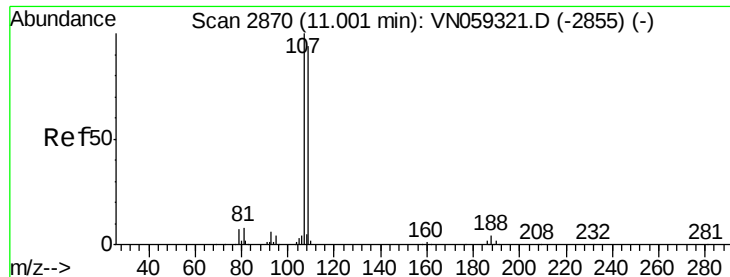
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#60
Dibromochloromethane
Concen: 54.097 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 129 Resp: 230728
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





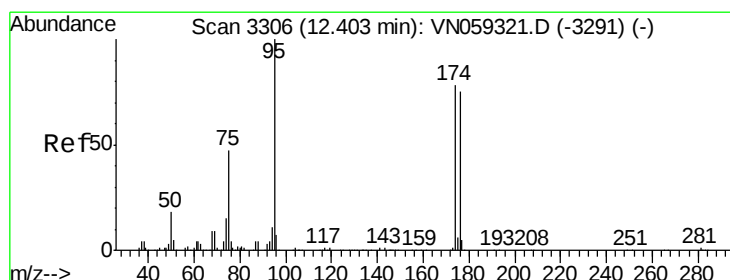
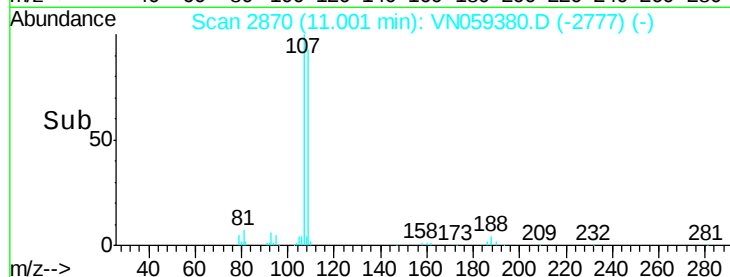
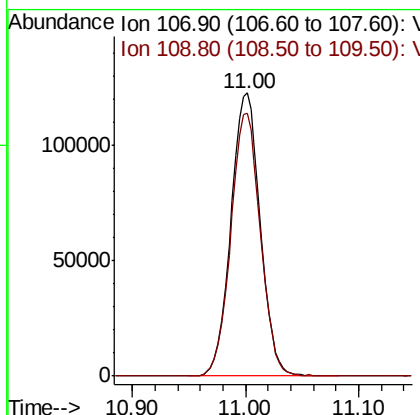
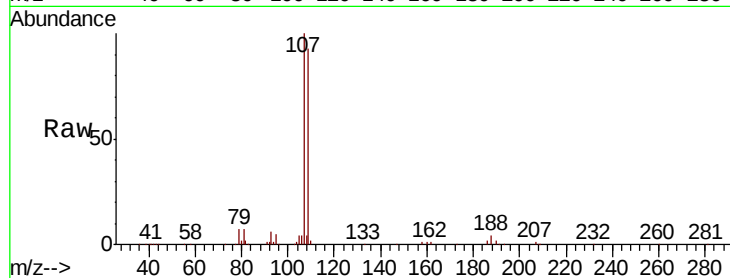
#61
 1,2-Dibromoethane
 Concen: 52.404 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.2

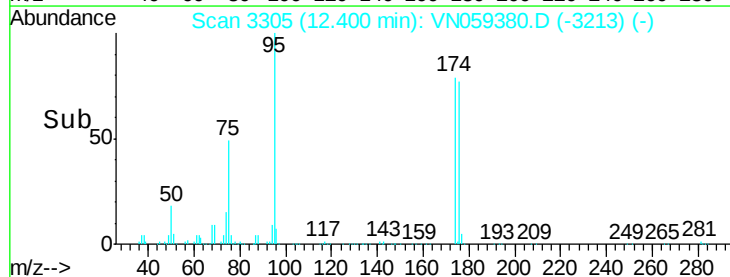
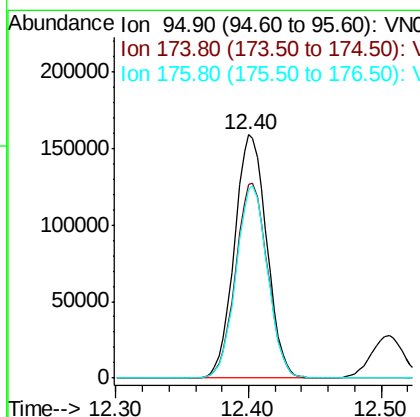
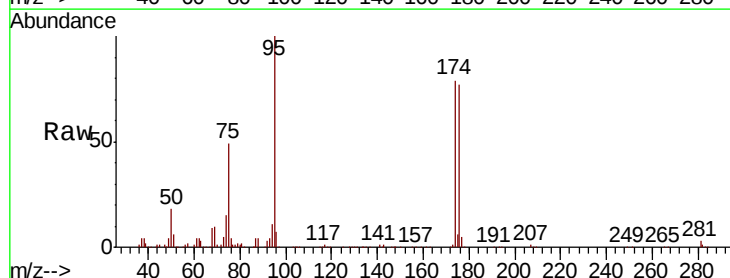
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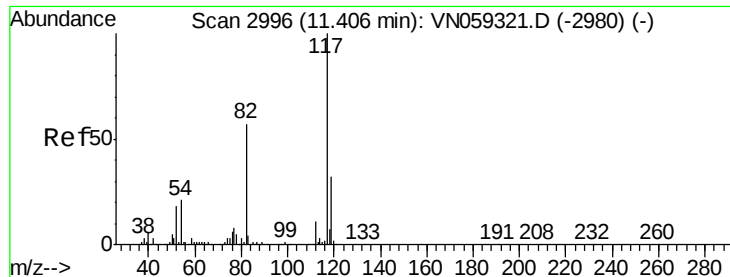
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#62
 4-Bromofluorobenzene
 Concen: 56.388 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	157.4
176	77.2	0.0	151.2





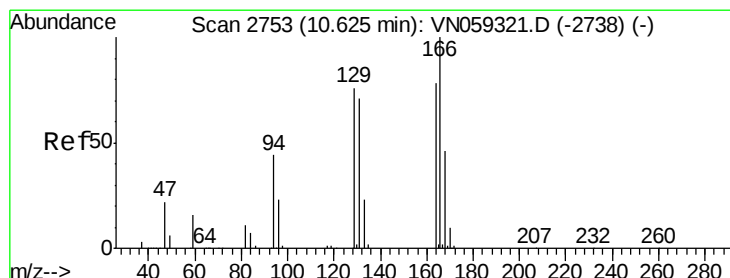
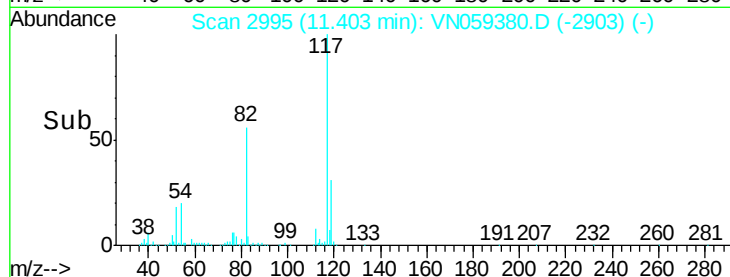
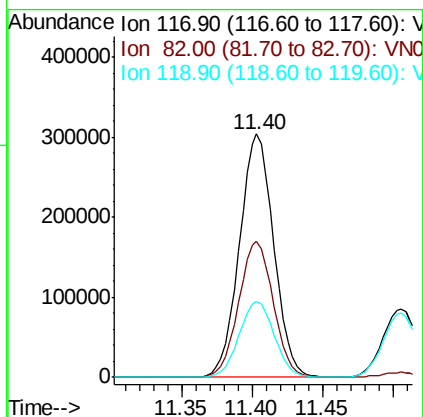
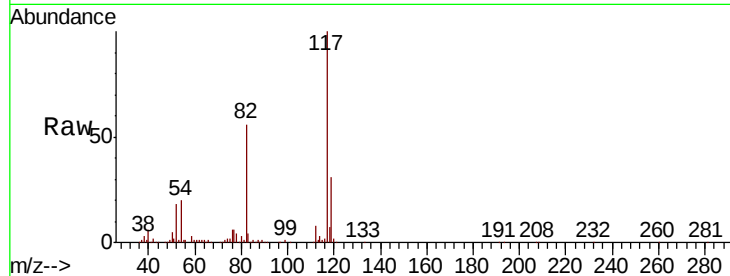
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.7	68.5
119	31.2	25.8	38.6

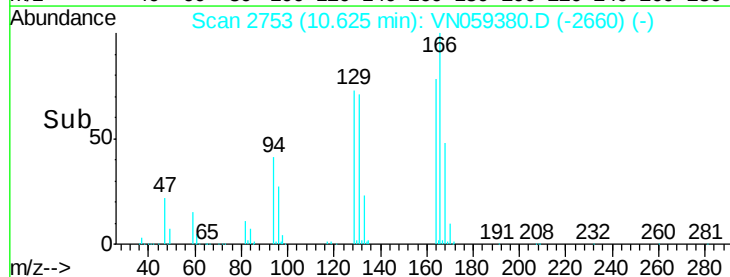
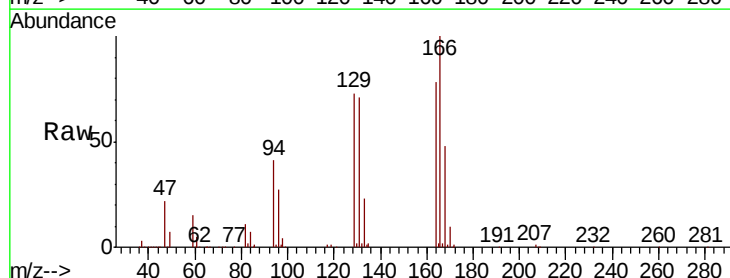
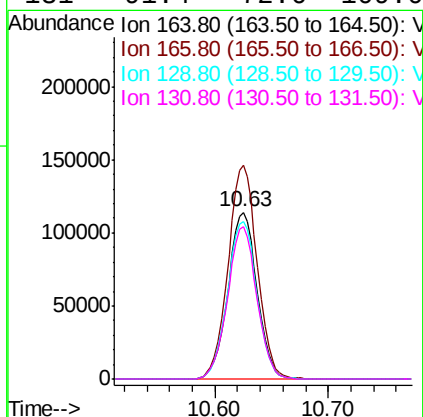
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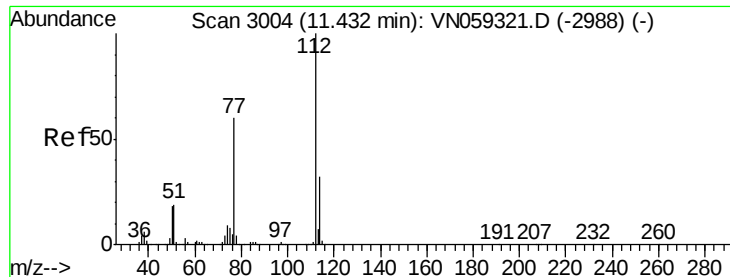
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#64
Tetrachloroethene
Concen: 50.663 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.9	154.3
129	94.2	78.2	117.2
131	91.4	72.6	109.0





#65

Chlorobenzene

Concen: 51.511 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 573430

Ion Ratio Lower Upper

112 100

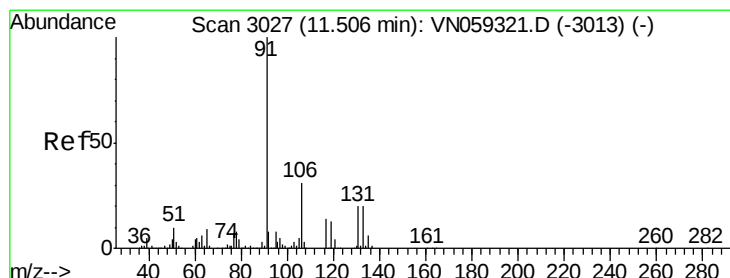
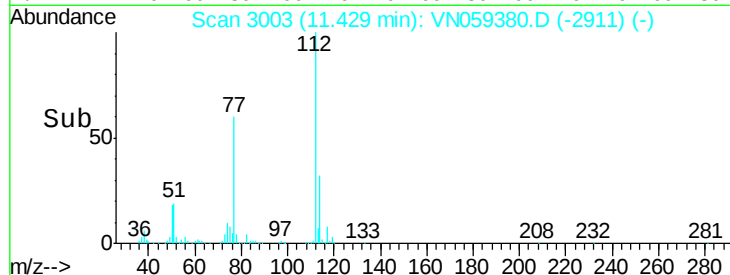
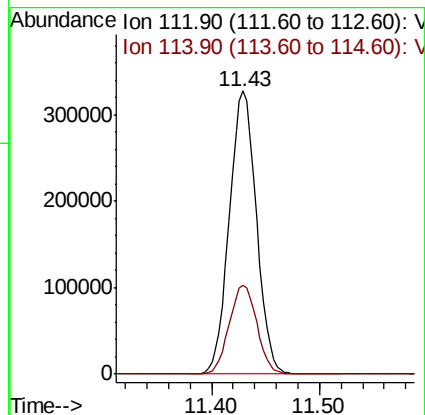
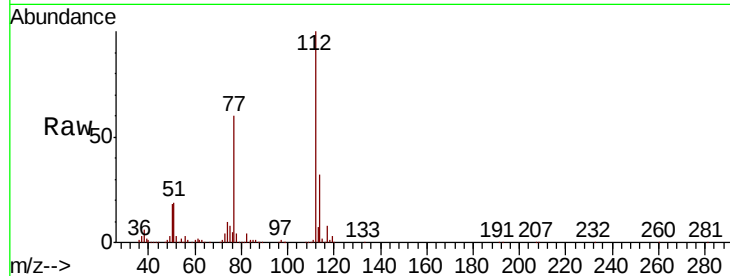
114 31.6 25.8 38.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.853 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

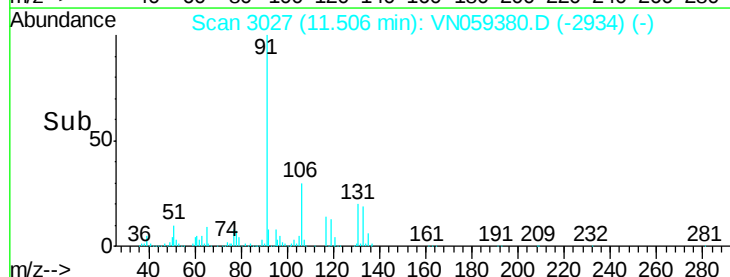
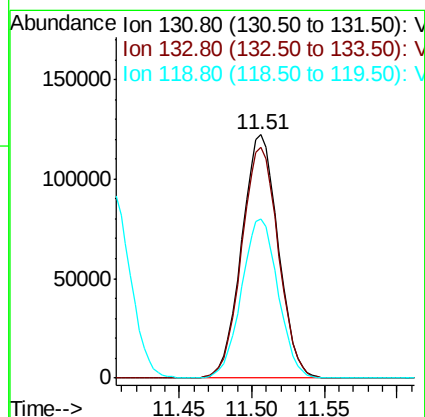
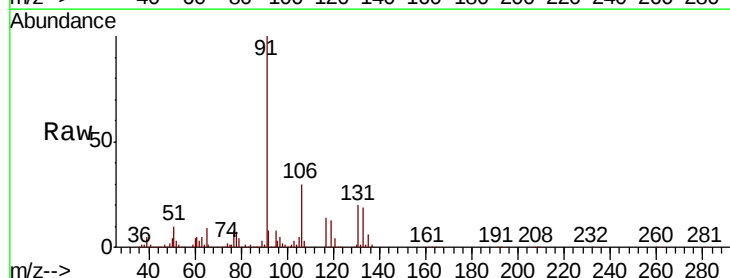
Tgt Ion:131 Resp: 213744

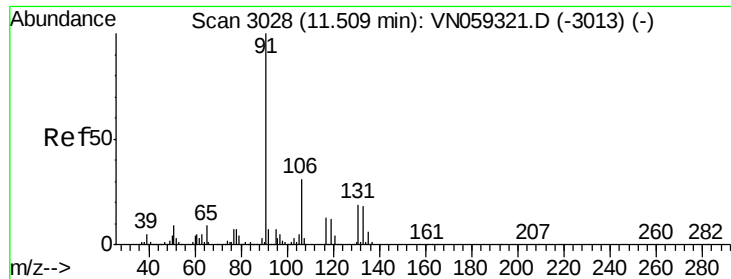
Ion Ratio Lower Upper

131 100

133 95.3 48.2 144.6

119 65.7 33.6 100.6





#67

Ethyl Benzene

Concen: 52.741 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1048303

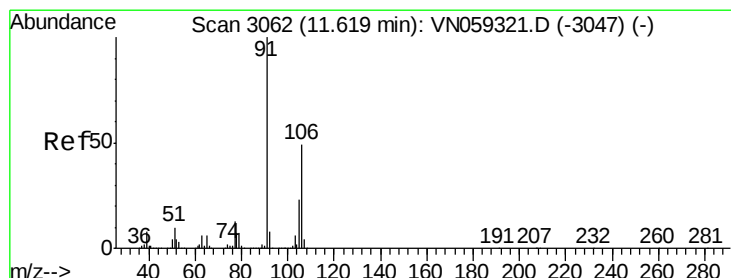
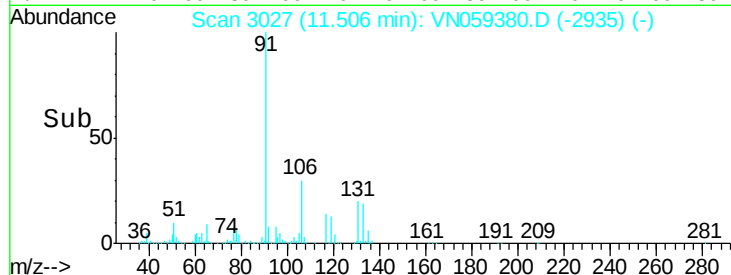
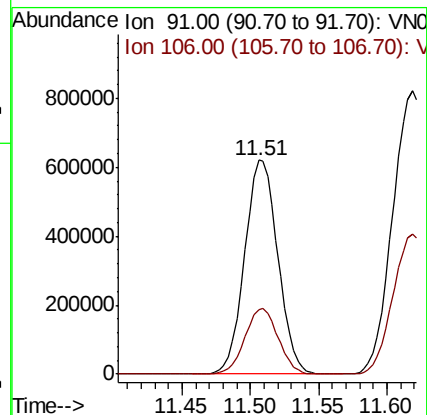
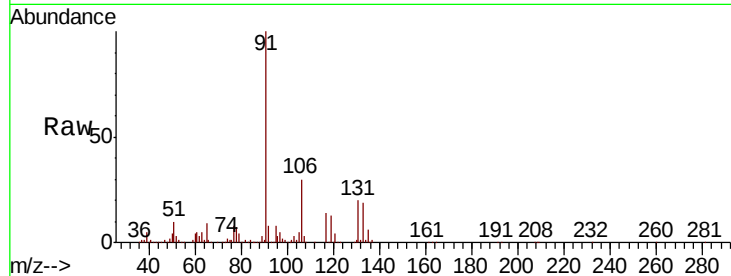
Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0

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#68

m/p-Xylenes

Concen: 106.324 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059380.D

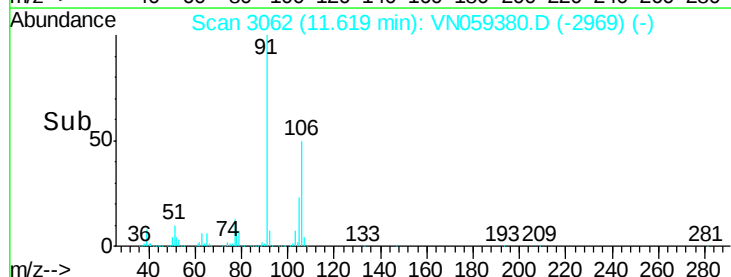
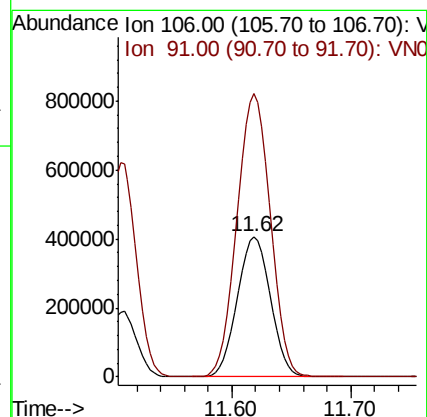
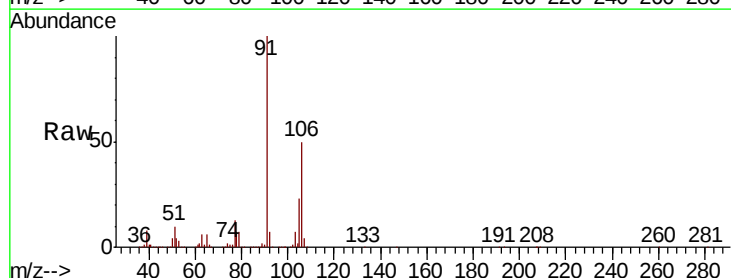
Acq: 25 Nov 2019 13:12

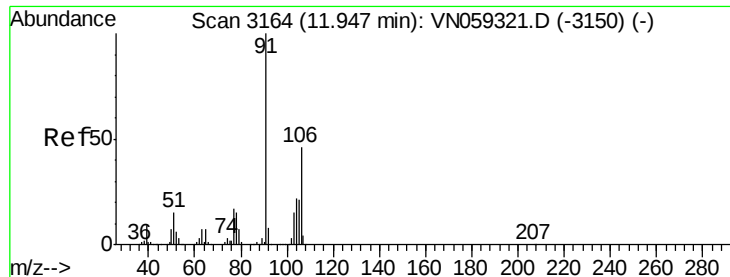
Tgt Ion: 106 Resp: 785276

Ion Ratio Lower Upper

106 100

91 203.5 163.2 244.8





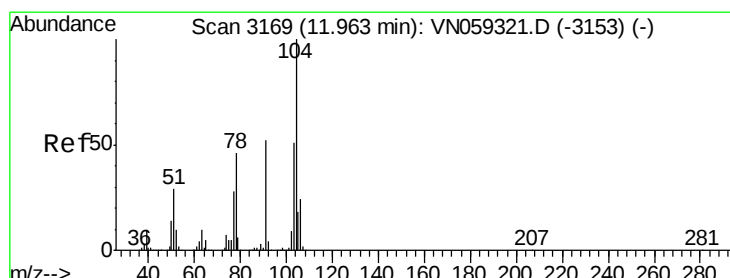
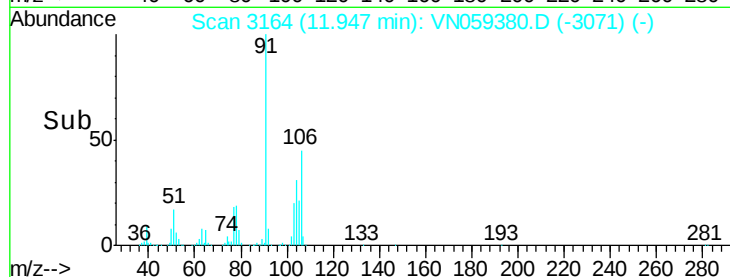
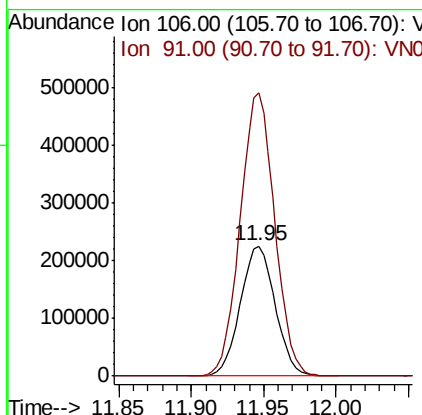
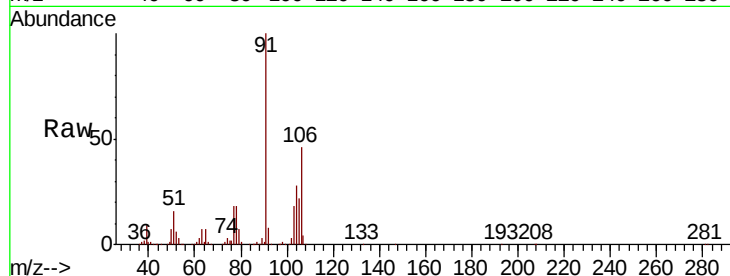
#69
o-Xylene
Concen: 53.117 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 375574
Ion Ratio Lower Upper
106 100
91 215.7 109.3 327.9

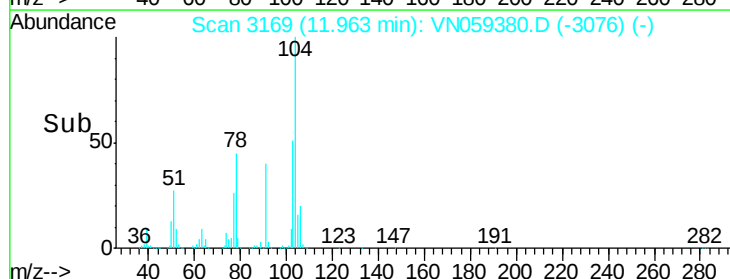
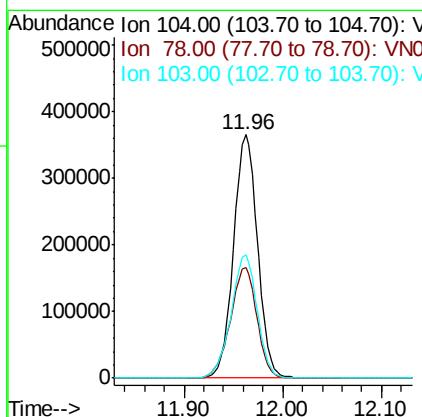
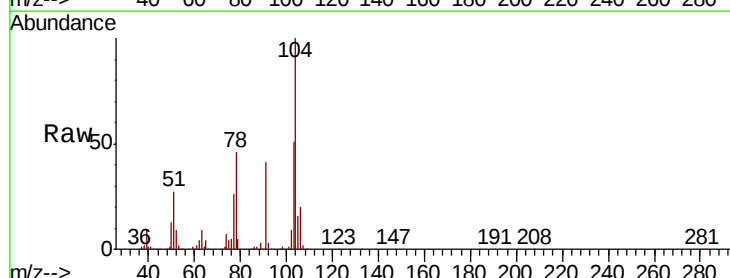
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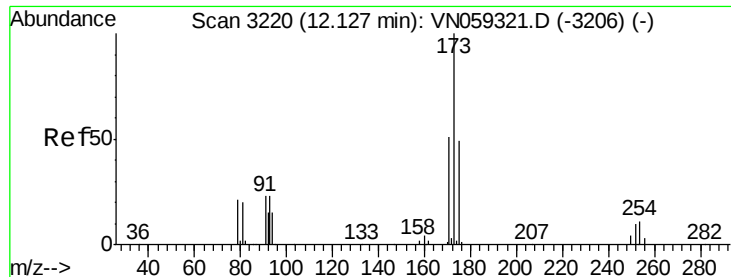
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#70
Styrene
Concen: 55.614 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion:104 Resp: 620475
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 55.2 43.6 65.4





#71

Bromoform

Concen: 54.323 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

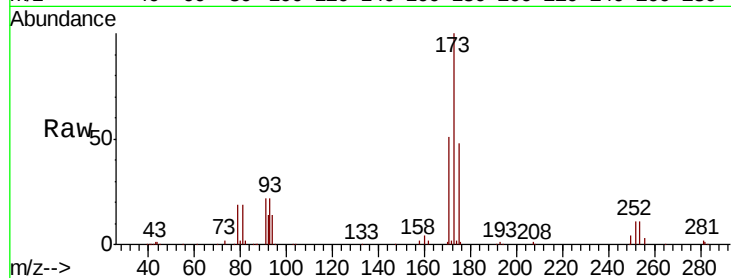
ClientSampleId :

VSTDCCC050

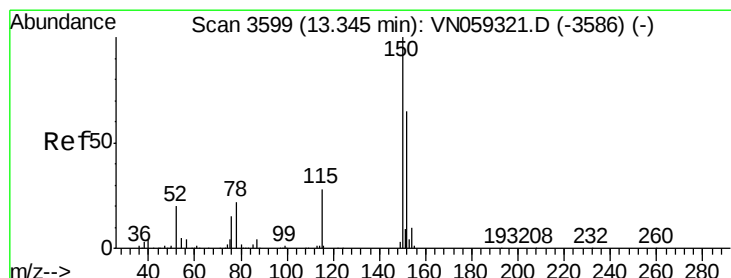
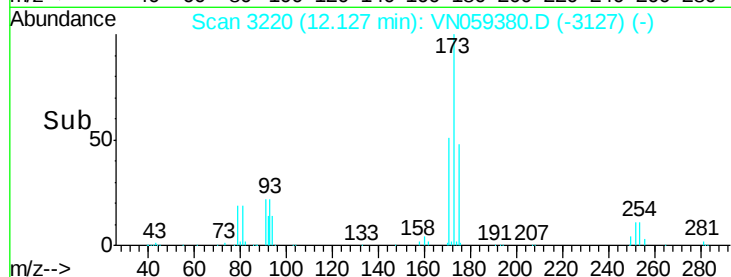
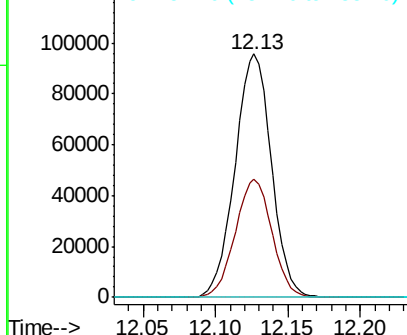
Tot Ion:	173	Resp:	166377
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.6
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

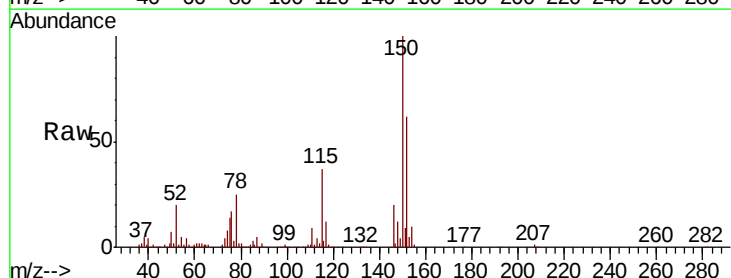
RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

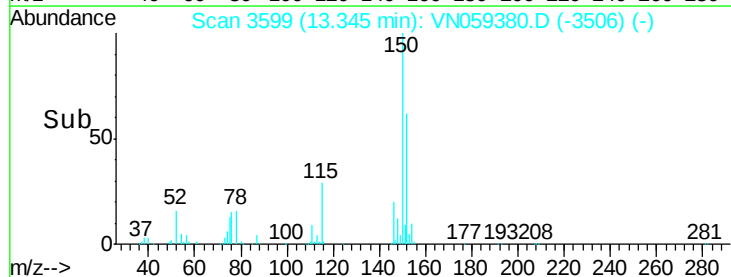
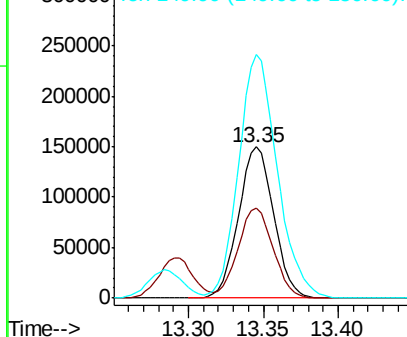
Lab File: VN059380.D

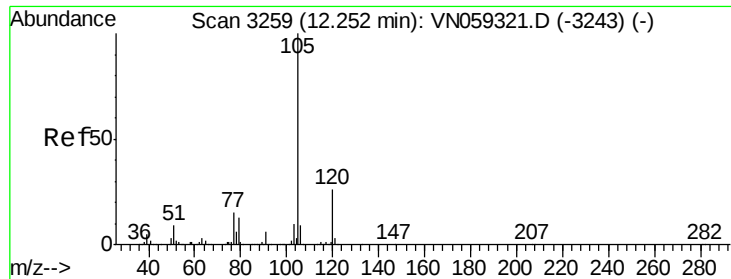
Acq: 25 Nov 2019 13:12

Tgt Ion:	152	Resp:	245208
Ion Ratio	Lower	Upper	
152	100		
115	59.8	29.3	88.0
150	176.9	0.0	346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





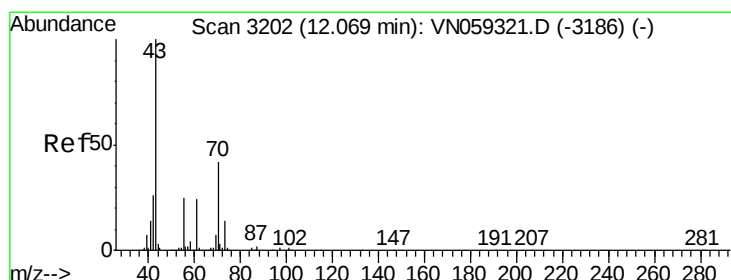
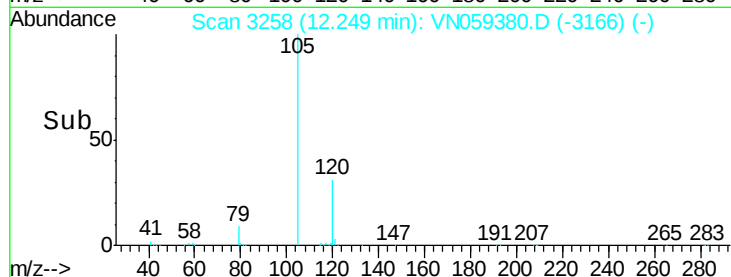
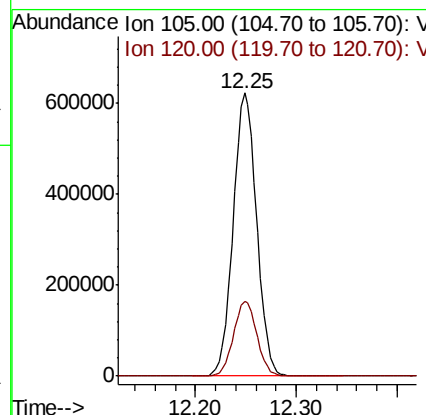
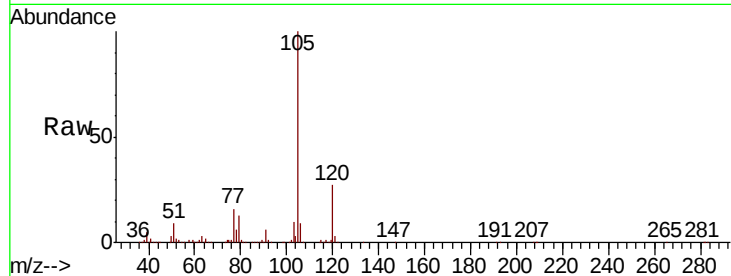
#73
Isopropylbenzene
Concen: 50.248 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1009346
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

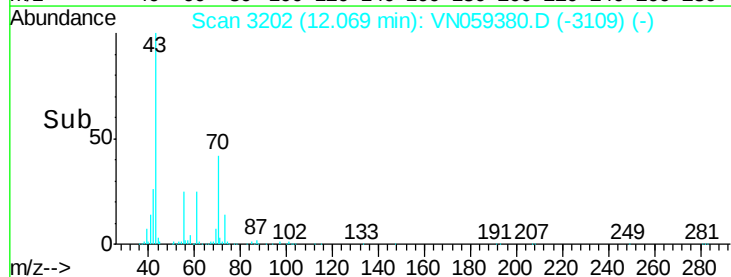
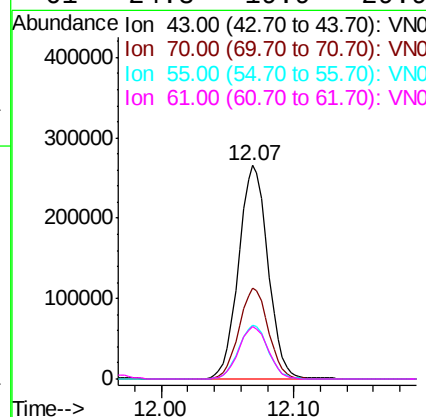
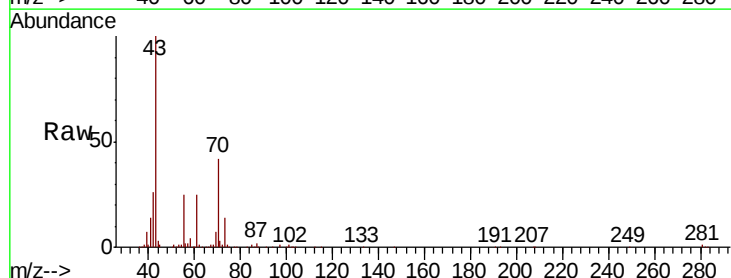
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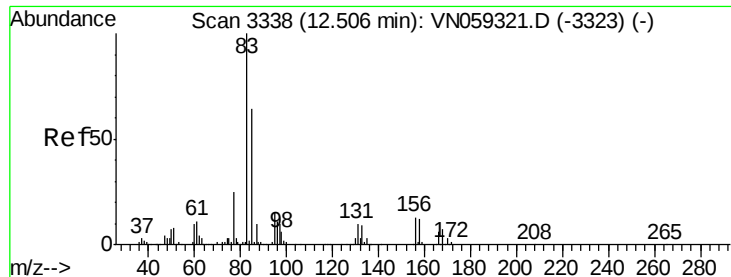
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#74
N-ethyl acetate
Concen: 50.683 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion: 43 Resp: 409154
Ion Ratio Lower Upper
43 100
70 42.7 33.8 50.6
55 25.3 20.3 30.5
61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.117 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

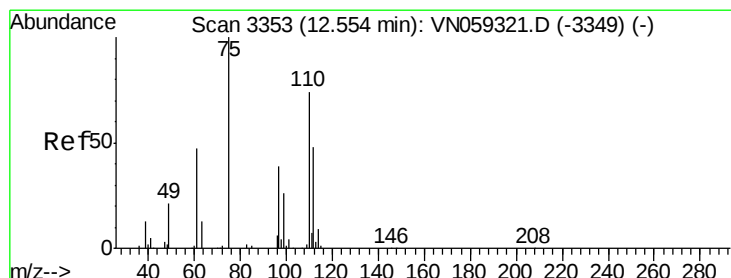
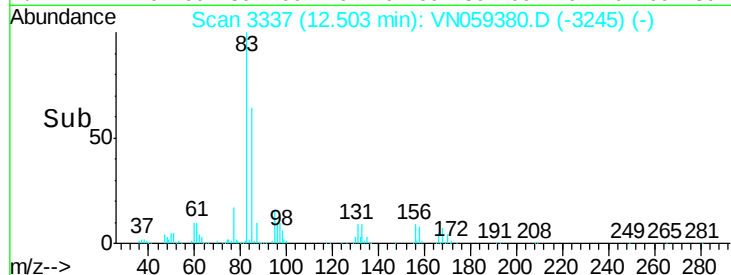
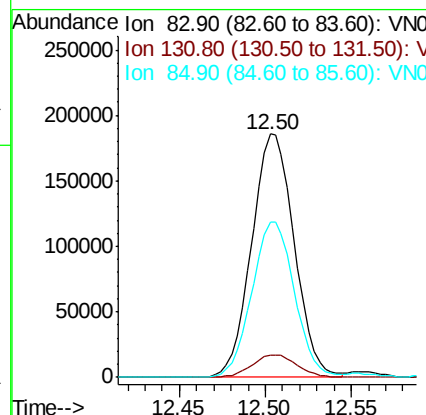
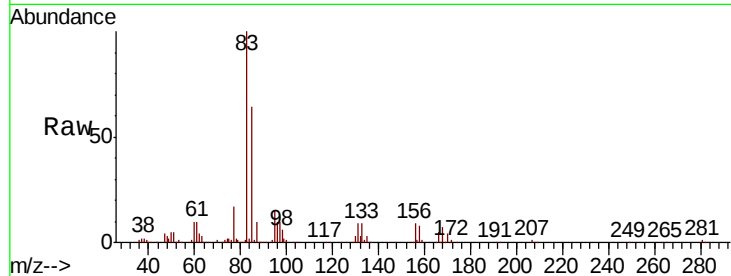
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	319724
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.8	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 54.188 ug/l m

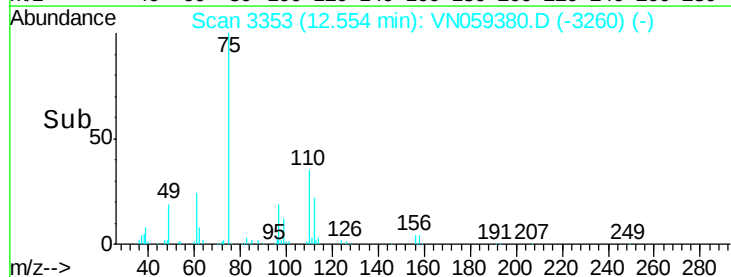
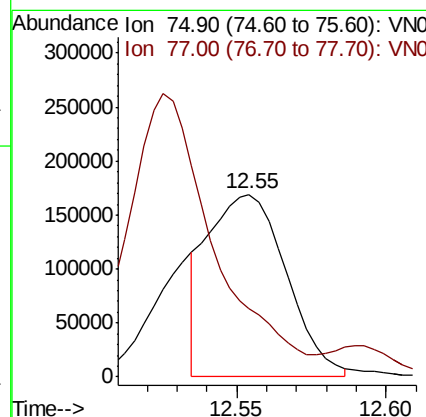
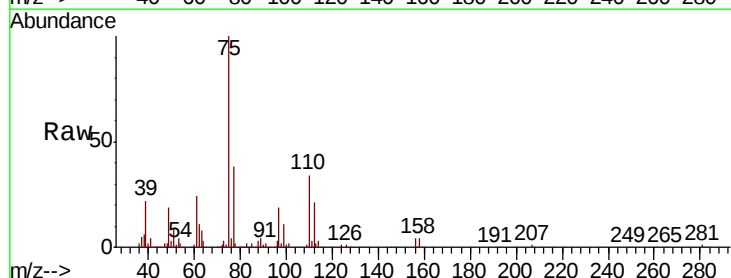
RT: 12.55 min Scan# 3353

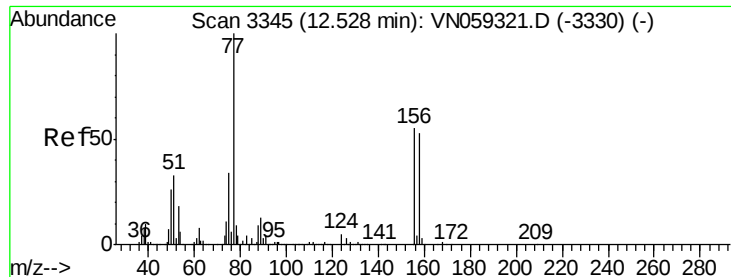
Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	75	Resp:	306969
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.779 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

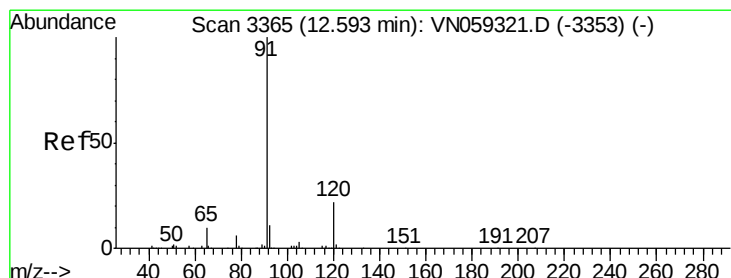
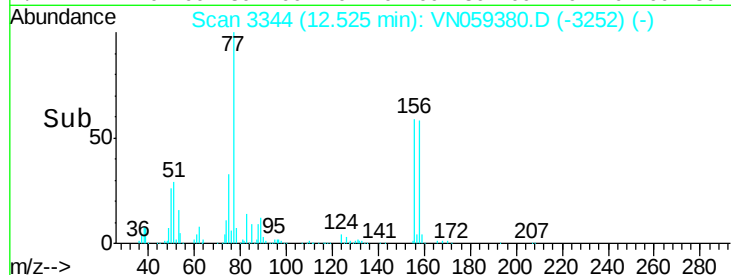
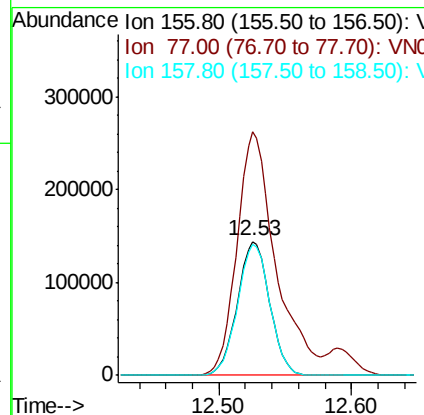
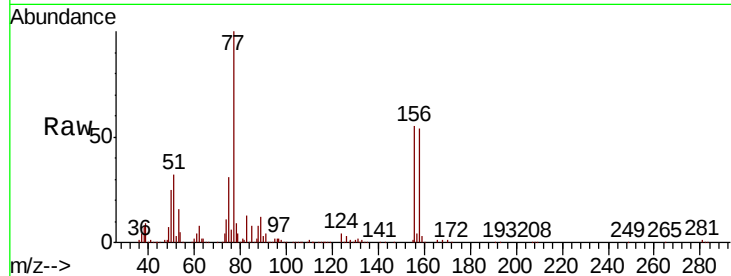
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	219.6	111.1	333.4	
158	98.2	47.8	143.4	

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#78

n-propylbenzene

Concen: 52.224 ug/l

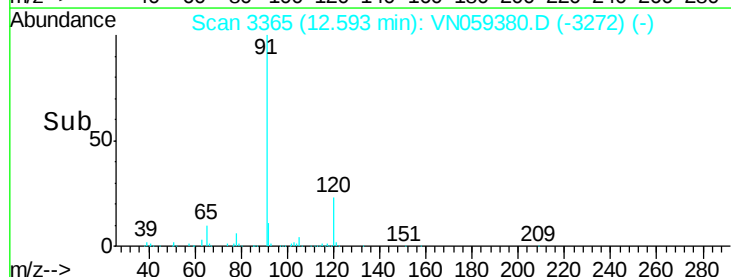
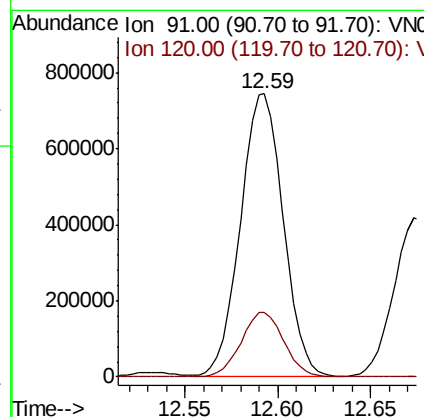
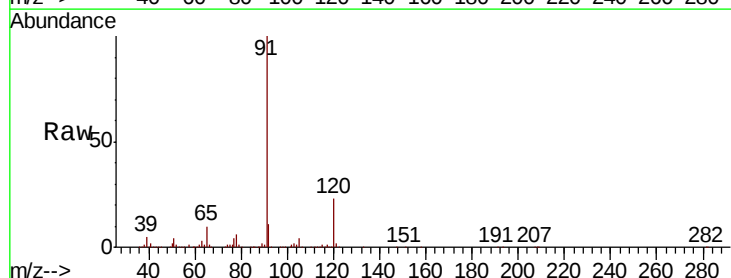
RT: 12.59 min Scan# 3365

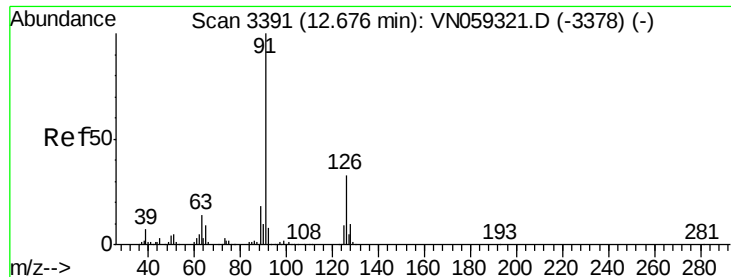
Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.3	33.9	





#79

2-Chlorotoluene

Concen: 49.476 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 690994

Ion Ratio Lower Upper

91 100

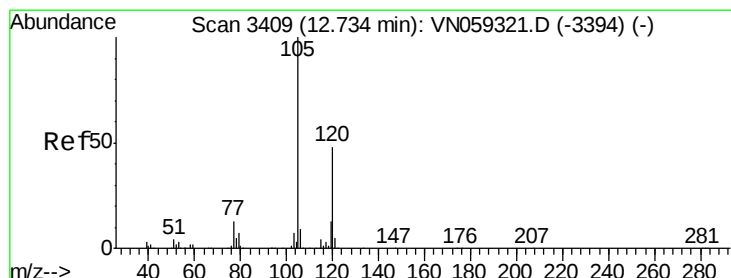
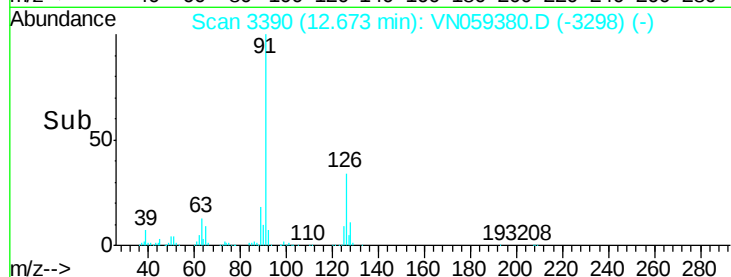
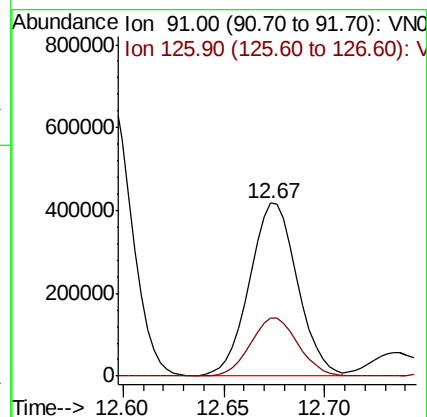
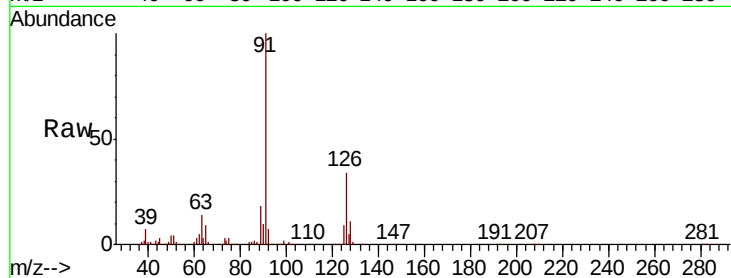
126 33.9 16.7 50.1

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#80

1,3,5-Trimethylbenzene

Concen: 50.741 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059380.D

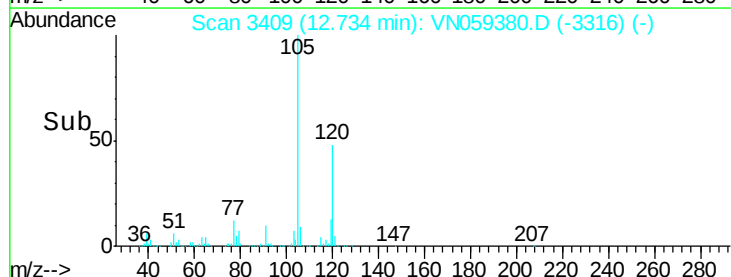
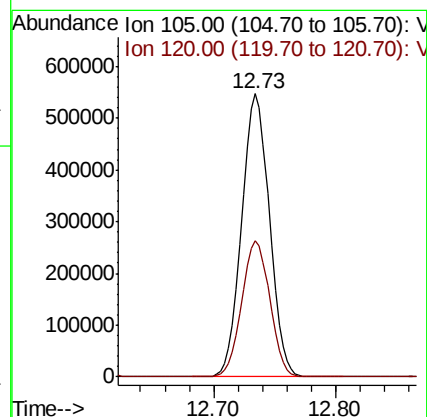
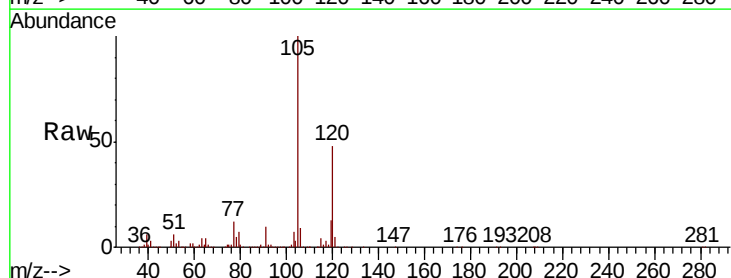
Acq: 25 Nov 2019 13:12

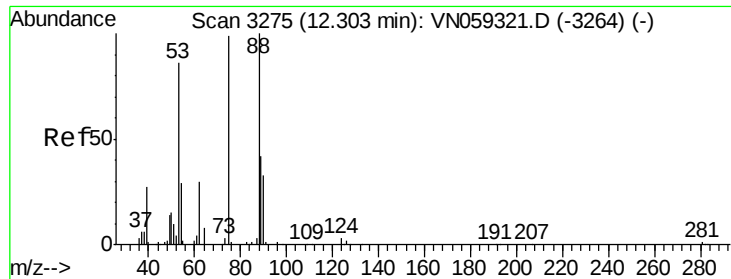
Tgt Ion: 105 Resp: 856811

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4





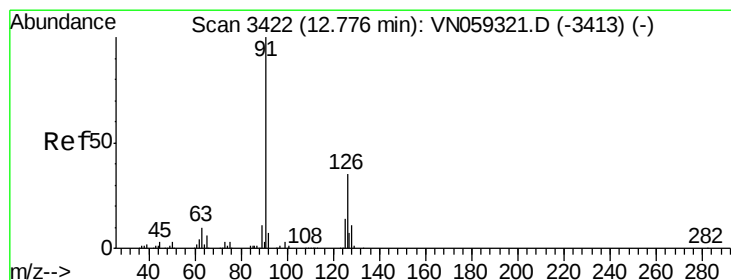
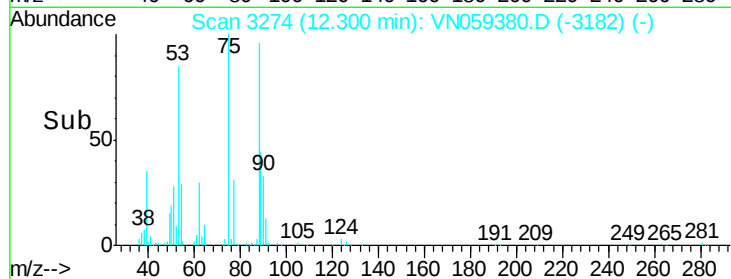
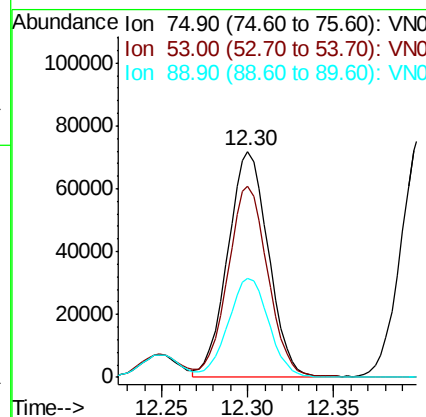
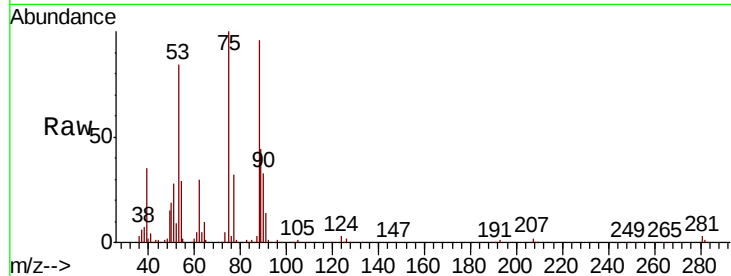
#81
trans-1,4-Dichloro-2-butene
Concen: 52.430 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.6	70.7	106.1
89	43.9	35.4	53.0

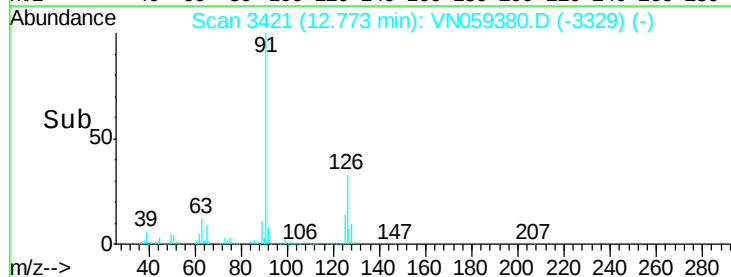
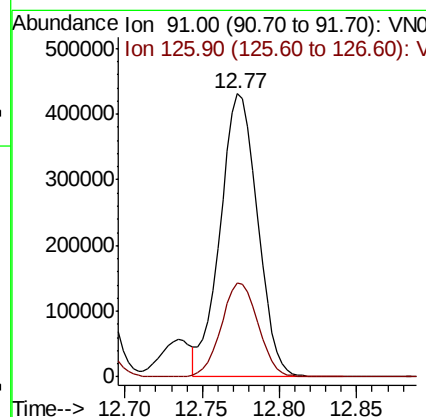
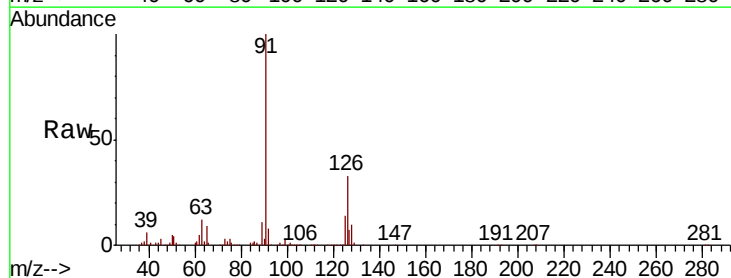
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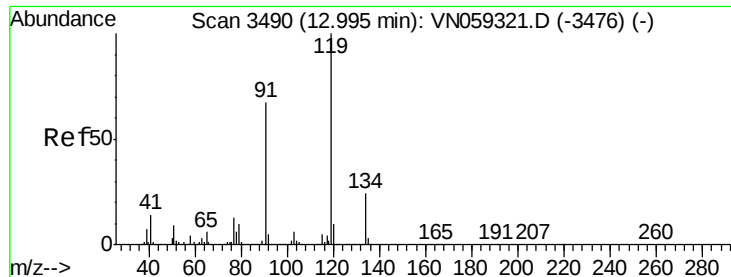
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#82
4-Chlorotoluene
Concen: 49.943 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.6





#83

tert-Butylbenzene

Concen: 51.464 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

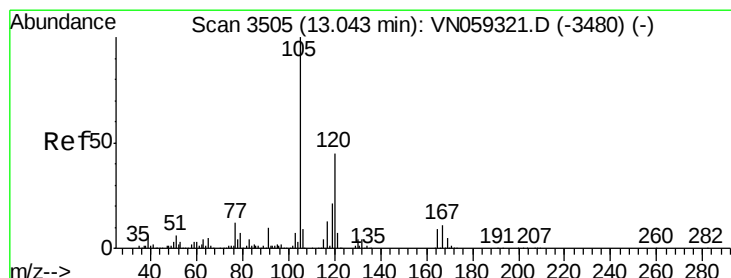
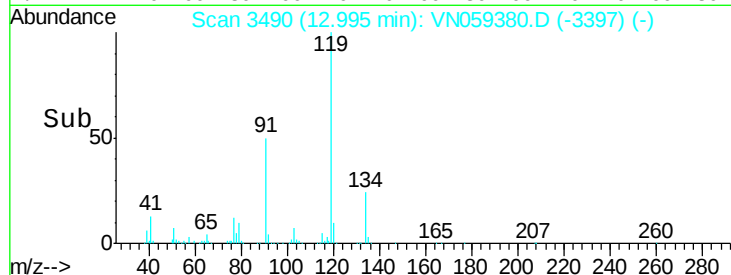
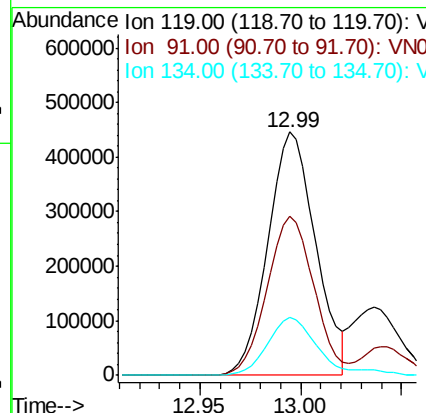
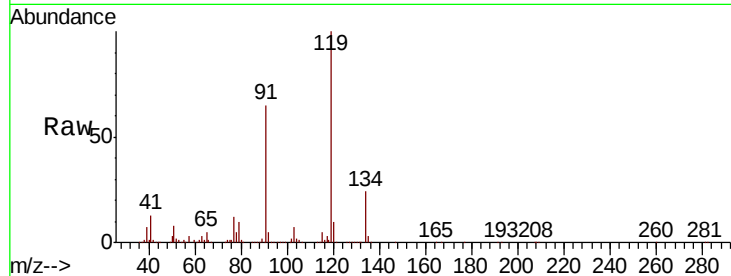
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	733951
Ion Ratio	Lower	Upper	
119	100		
91	64.4	32.8	98.4
134	25.4	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 51.540 ug/l

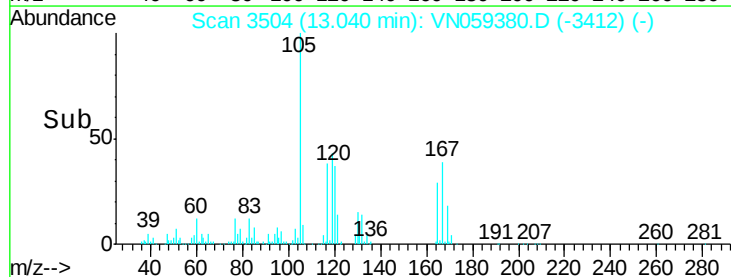
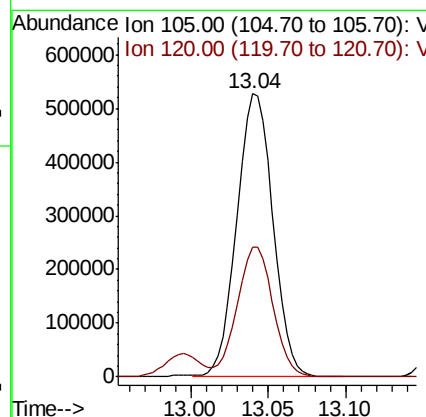
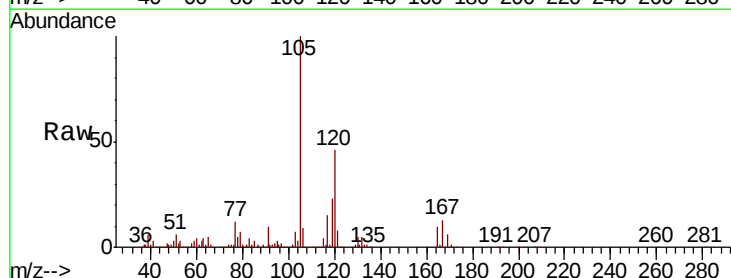
RT: 13.04 min Scan# 3504

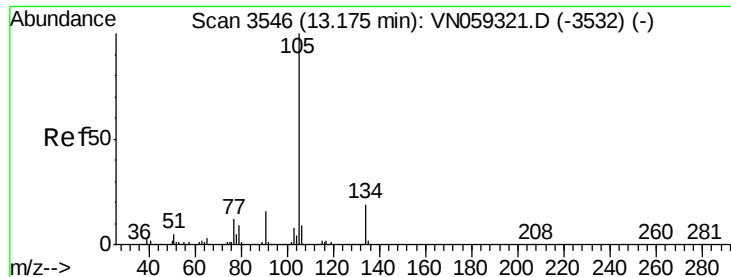
Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	105	Resp:	852528
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.667 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 990344

Ion Ratio Lower Upper

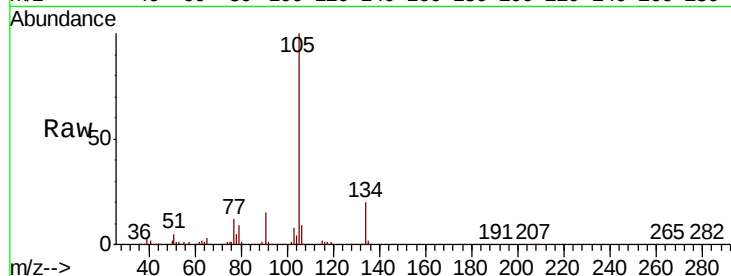
105 100

134 19.7 9.8 29.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

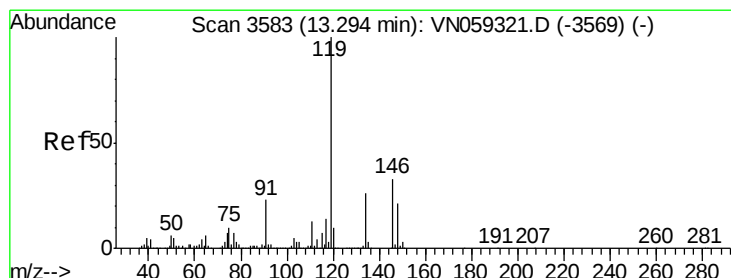
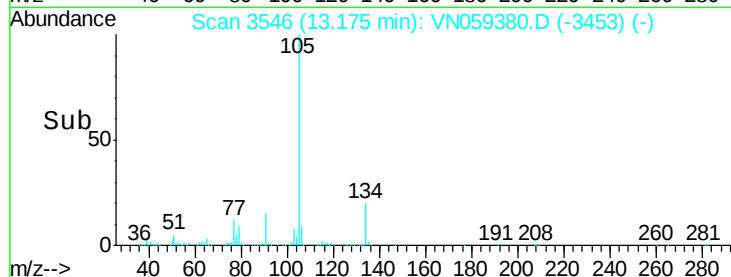
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.642 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

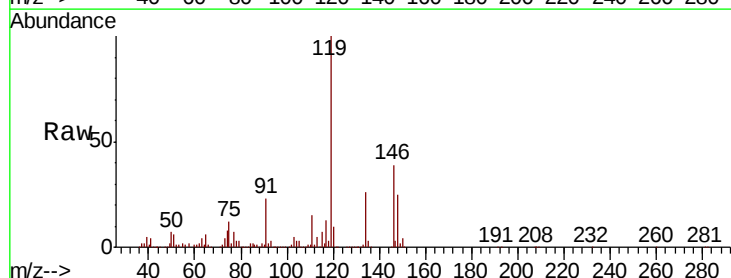
Tgt Ion:119 Resp: 897903

Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 23.4 11.6 34.7



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

800000

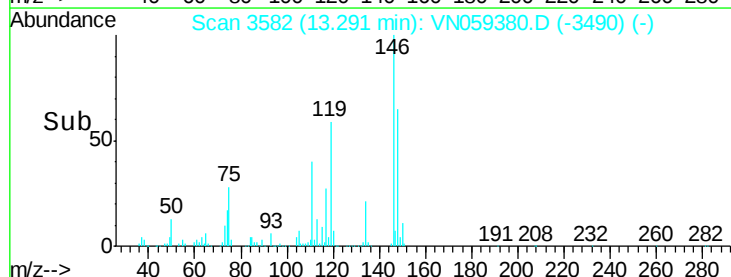
600000

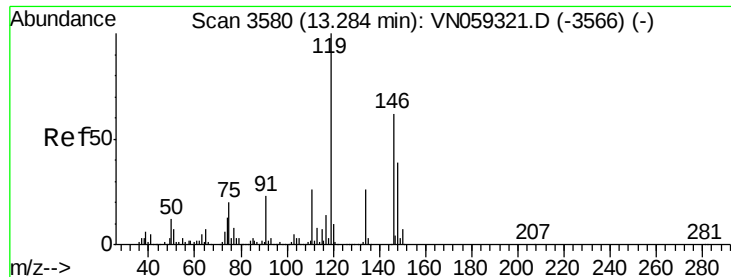
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.691 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059380.D

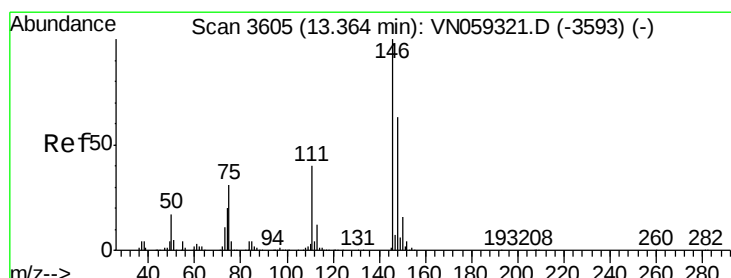
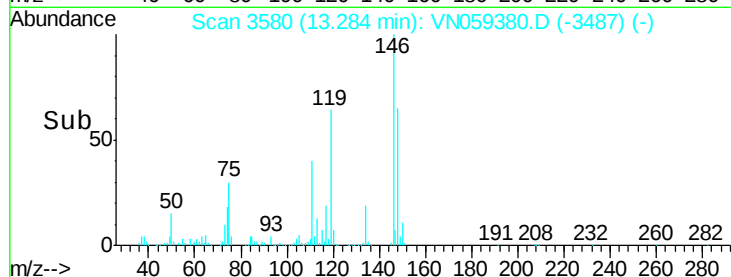
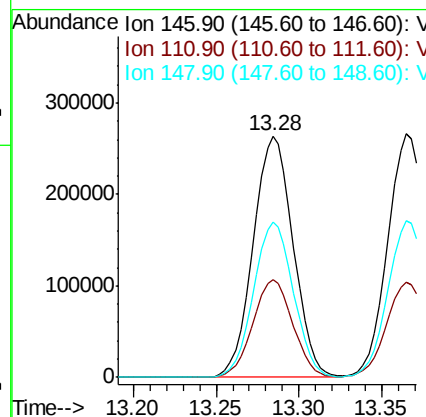
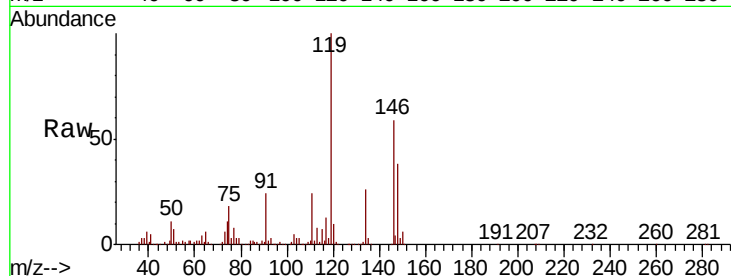
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.8
148	64.5	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 50.753 ug/l

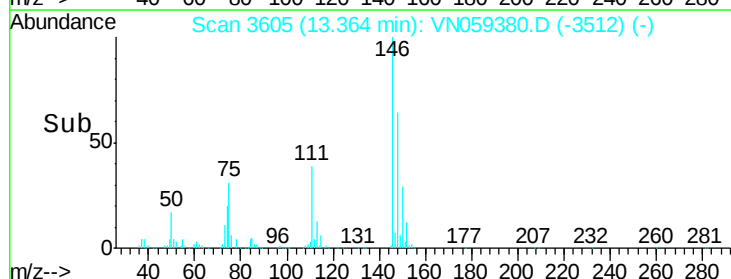
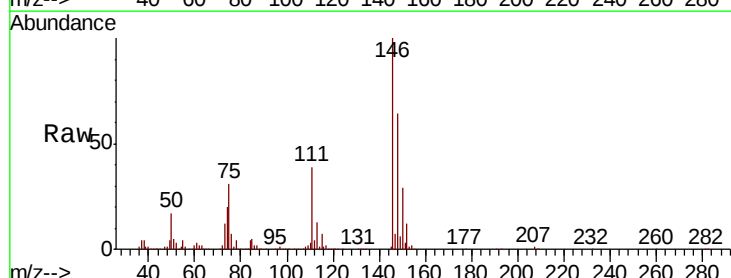
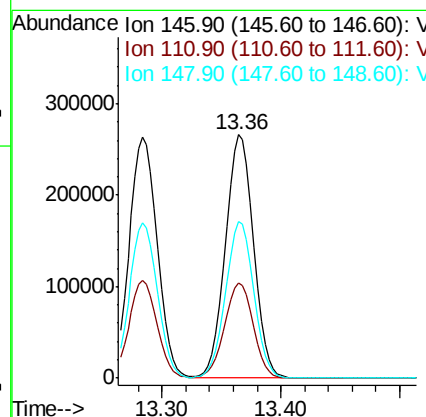
RT: 13.36 min Scan# 3605

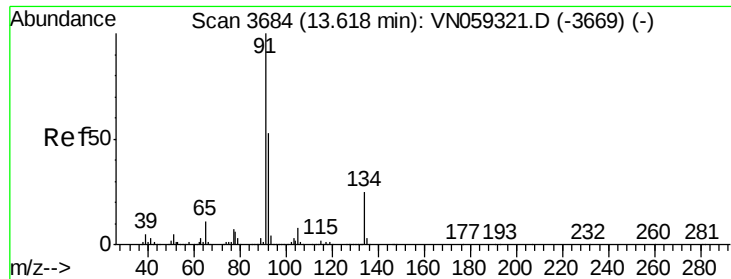
Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.3
148	64.4	31.7	95.1





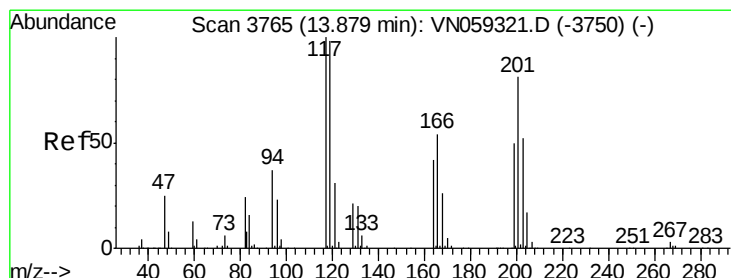
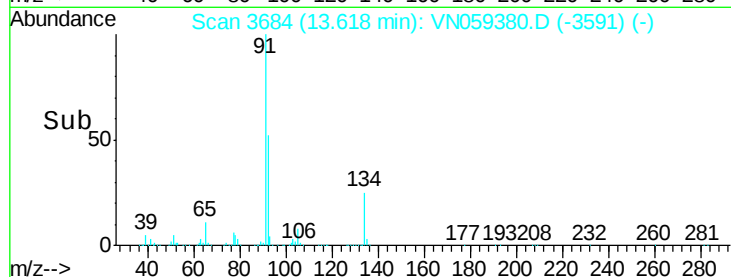
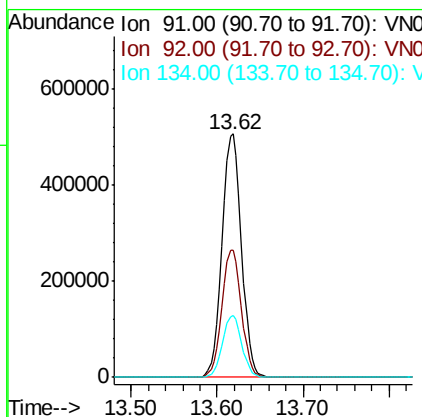
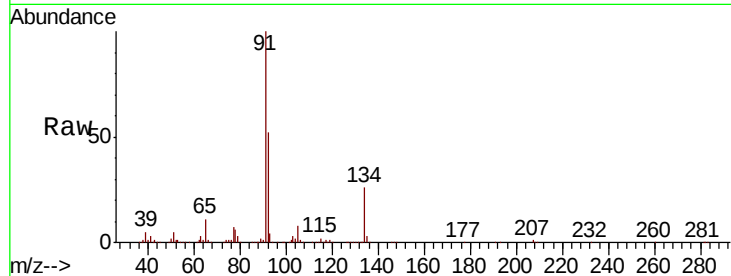
#89
n-Butylbenzene
Concen: 53.087 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	25.3	12.7	38.1

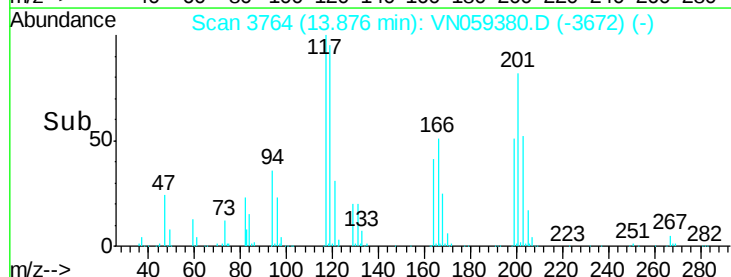
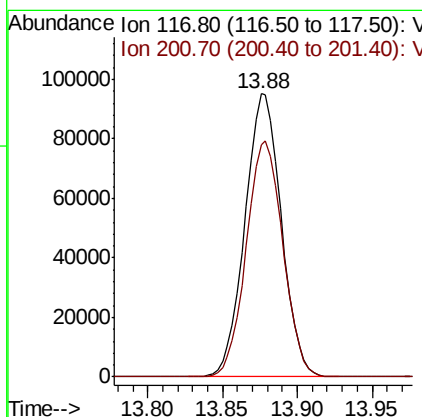
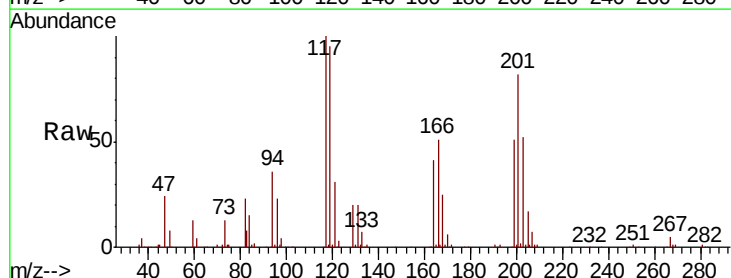
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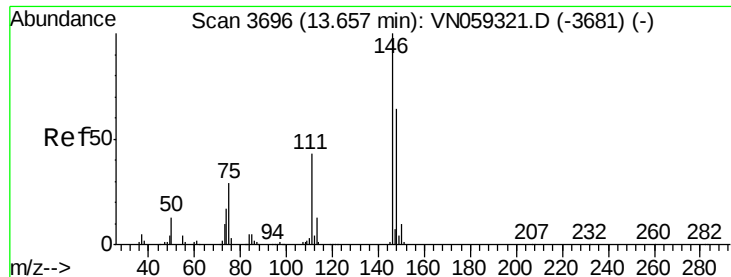
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#90
Hexachloroethane
Concen: 49.912 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 50.699 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Instrument :

MSVOA_N

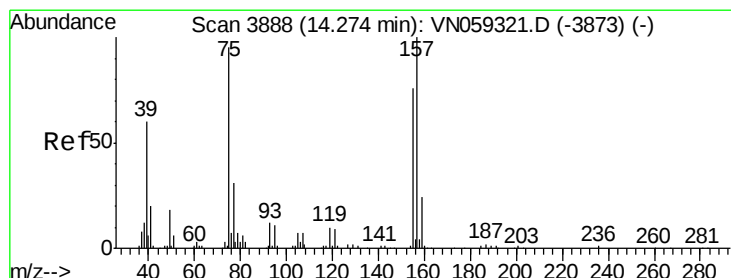
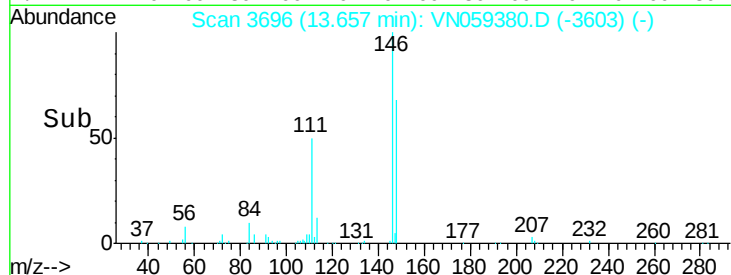
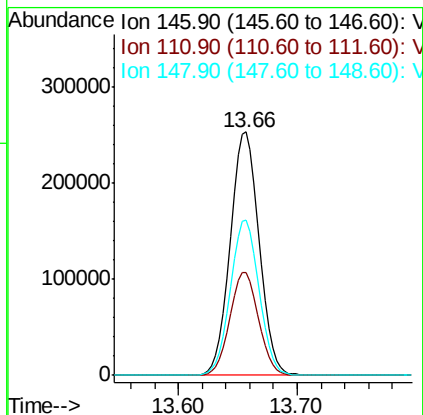
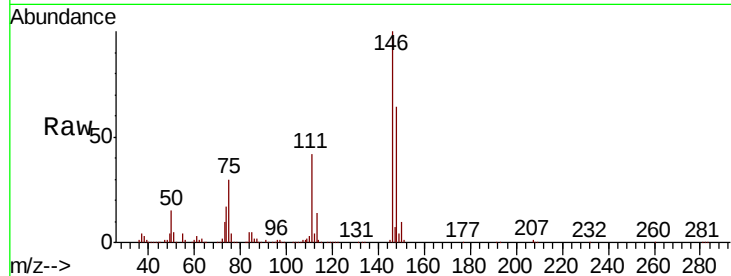
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	425601
Ion Ratio		Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.6	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.299 ug/l

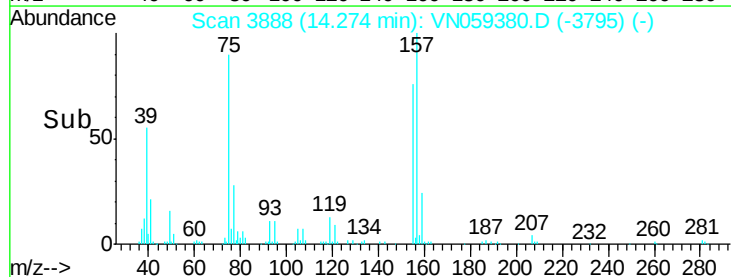
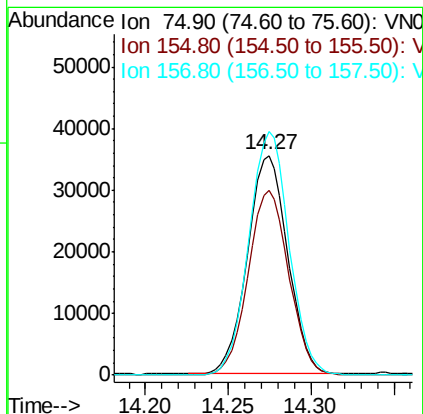
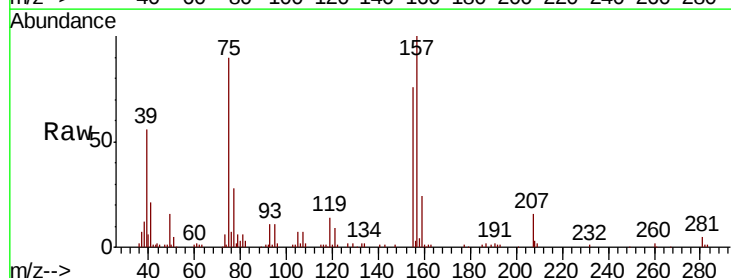
RT: 14.27 min Scan# 3888

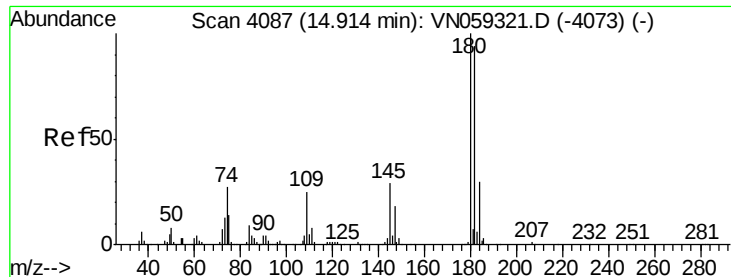
Delta R.T. 0.00 min

Lab File: VN059380.D

Acq: 25 Nov 2019 13:12

Tgt Ion:	75	Resp:	59757
Ion Ratio		Lower	Upper
75	100		
155	85.4	40.5	121.5
157	111.2	52.7	158.1





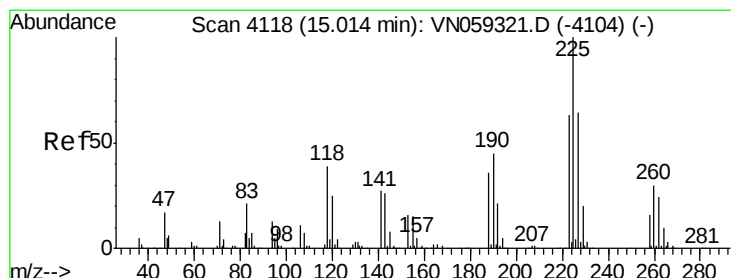
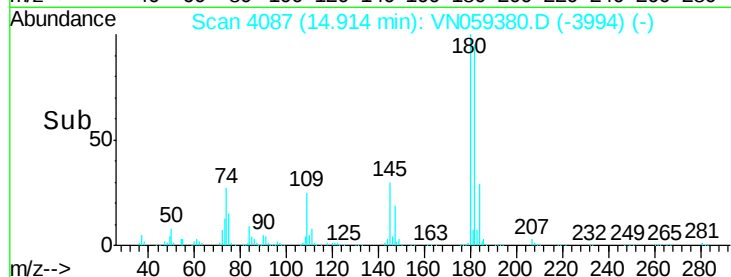
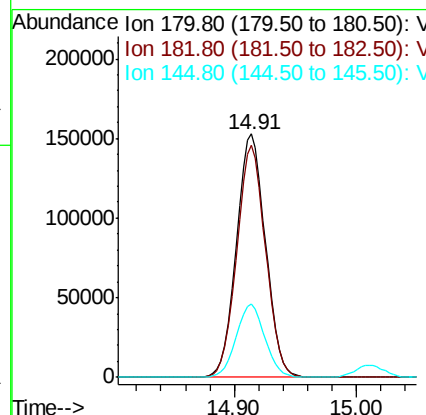
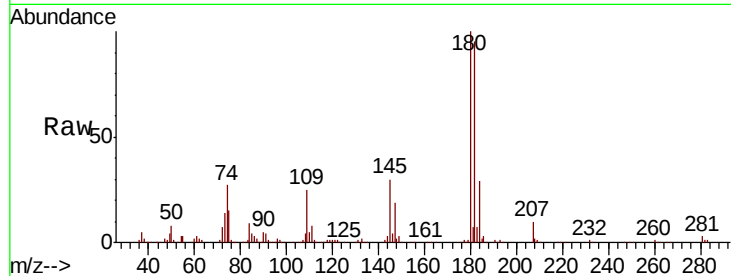
#93
 1,2,4-Trichlorobenzene
 Concen: 48.399 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	252178		
182	94.4	47.2	141.6	
145	29.6	14.9	44.5	

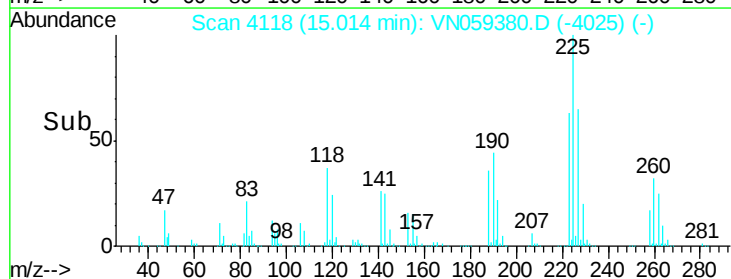
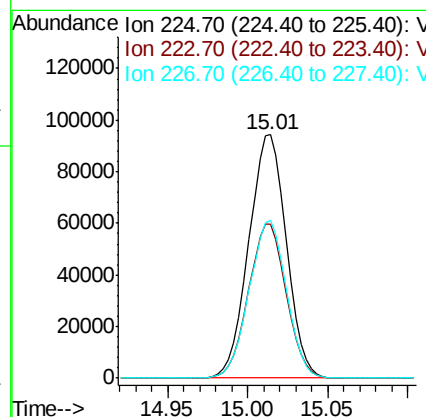
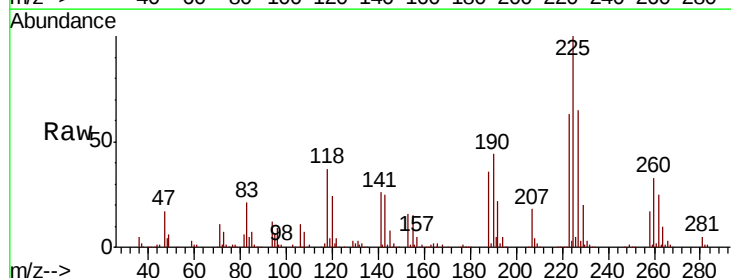
Manual Integrations
 APPROVED

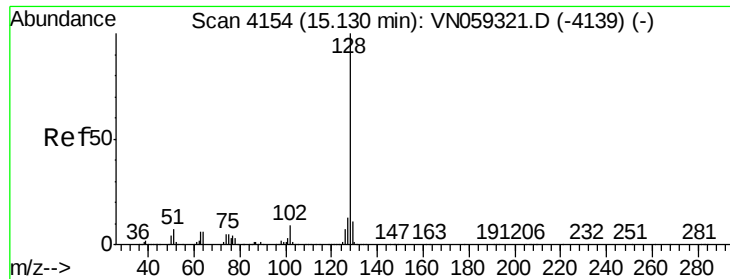
apatel
 11/26/2019 12:32:07 PM



#94
 Hexachlorobutadiene
 Concen: 50.107 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059380.D
 Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151546		
223	63.6	31.6	94.8	
227	64.2	32.6	97.7	





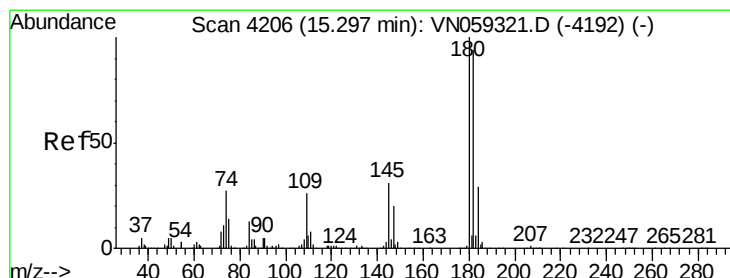
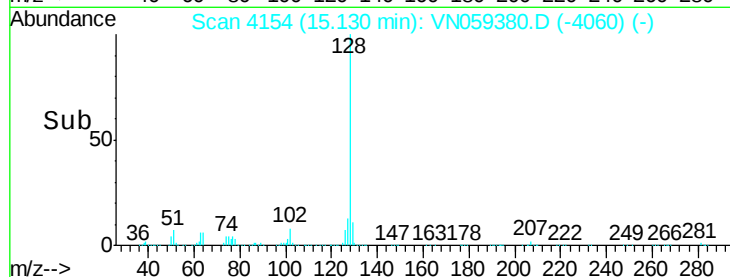
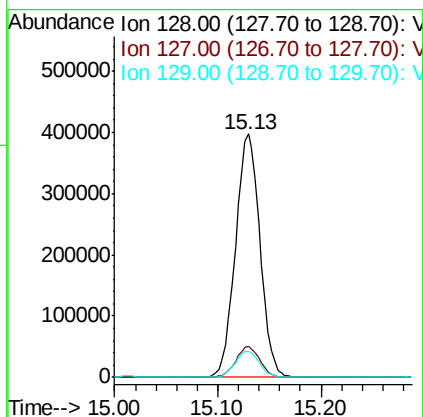
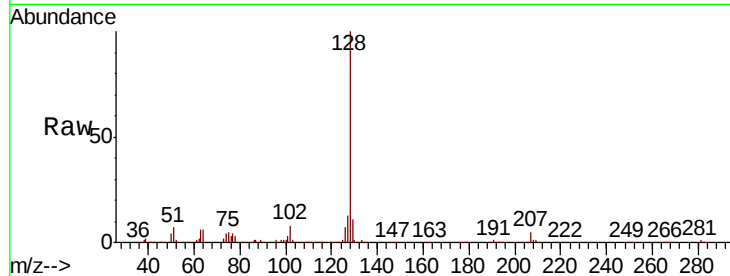
#95
Naphthalene
Concen: 45.688 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
11/26/2019 12:32:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.159 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059380.D
Acq: 25 Nov 2019 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.4
145	31.0	15.6	46.8

