

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059407.D
 Acq On : 26 Nov 2019 15:30
 Operator : JC/SP
 Sample : VN1126WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Manual Integrations
 APPROVED

apatel
 11/27/2019 10:51:00 AM

Quant Time: Nov 27 01:12:31 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	7.65	168	317227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	493916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	436751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	178580	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.57	113	145225	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.08	98	564278	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.40	95	195629	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	75220	18.522	ug/l	99
3) Chloromethane	2.04	50	89734	18.036	ug/l	99
4) Vinyl Chloride	2.17	62	98962	19.320	ug/l	100
5) Bromomethane	2.54	94	55460	19.502	ug/l	100
6) Chloroethane	2.68	64	50293	17.990	ug/l	98
7) Trichlorofluoromethane	3.00	101	104067	18.866	ug/l	96
8) Diethyl Ether	3.39	74	45740	20.283	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67656	20.058	ug/l	99
10) Methyl Iodide	3.93	142	83467	19.911	ug/l	98
11) Tert butyl alcohol	4.75	59	73458	96.395	ug/l	99
12) 1,1-Dichloroethene	3.72	96	65836	19.229	ug/l	96
13) Acrolein	3.58	56	58324	83.842	ug/l	100
14) Allyl chloride	4.30	41	122102	19.090	ug/l	99
15) Acrylonitrile	4.96	53	201772	100.141	ug/l	99
16) Acetone	3.79	43	209446	122.725	ug/l	97
17) Carbon Disulfide	4.03	76	194551	18.221	ug/l	100
18) Methyl Acetate	4.30	43	118661	20.951	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	224018	20.258	ug/l	98
20) Methylene Chloride	4.53	84	73602	19.122	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	70357	19.390	ug/l	99
22) Diisopropyl ether	5.92	45	238647	19.817	ug/l	96
23) Vinyl Acetate	5.87	43	933001	98.523	ug/l	100
24) 1,1-Dichloroethane	5.82	63	135583	20.002	ug/l	99
25) 2-Butanone	6.81	43	279109	105.173	ug/l	96
26) 2,2-Dichloropropane	6.80	77	115622	19.699	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	81006	19.787	ug/l	98
28) Bromochloromethane	7.17	49	52283	20.397	ug/l	97
29) Tetrahydrofuran	7.19	42	177936	96.968	ug/l	99
30) Chloroform	7.35	83	130400	19.741	ug/l	98
31) Cyclohexane	7.63	56	126341	18.851	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	111563	19.740	ug/l	99
36) 1,1-Dichloropropene	7.77	75	99431	19.500	ug/l	98
37) Ethyl Acetate	6.90	43	108866	19.866	ug/l	98
38) Carbon Tetrachloride	7.75	117	98573	20.194	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	118585	19.287	ug/l	99
40) Benzene	8.02	78	304252	20.330	ug/l	99
41) Methacrylonitrile	7.16	41	45442m	18.680	ug/l	
42) 1,2-Dichloroethane	8.11	62	97073	19.613	ug/l	99
43) Isopropyl Acetate	8.15	43	165663	19.781	ug/l	98
44) Trichloroethene	8.82	130	75902	20.012	ug/l	99
45) 1,2-Dichloropropane	9.10	63	80677	20.217	ug/l	100
46) Dibromomethane	9.20	93	49027	20.029	ug/l	99
47) Bromodichloromethane	9.39	83	99590	20.315	ug/l	98
48) Methyl methacrylate	9.19	41	72302	18.985	ug/l	98
49) 1,4-Dioxane	9.19	88	21850	381.737	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	517464	105.561	ug/l	100
52) Toluene	10.15	92	182662	20.299	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	113739	19.959	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	125926	20.364	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	72898	20.836	ug/l	97
56) Ethyl methacrylate	10.42	69	105045	19.190	ug/l	99
57) 1,3-Dichloropropane	10.70	76	125004	20.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	167955	93.165	ug/l	98
59) 2-Hexanone	10.75	43	379505	105.727	ug/l	99
60) Dibromochloromethane	10.90	129	75829	20.568	ug/l	99
61) 1,2-Dibromoethane	11.00	107	73500	20.190	ug/l	99
64) Tetrachloroethene	10.63	164	68772	20.360	ug/l	97
65) Chlorobenzene	11.43	112	190284	20.262	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	71049	20.825	ug/l	99
67) Ethyl Benzene	11.51	91	338556	20.191	ug/l	99
68) m/p-Xylenes	11.62	106	250856	40.262	ug/l	100
69) o-Xylene	11.95	106	119952	20.110	ug/l	99
70) Styrene	11.96	104	187229	19.893	ug/l	99
71) Bromoform	12.13	173	53309	20.632	ug/l #	100
73) Isopropylbenzene	12.25	105	327020	20.192	ug/l	100
74) N-amyl acetate	12.07	43	121229	18.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	107127	19.996	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	99336m	21.749	ug/l	
77) Bromobenzene	12.53	156	78464	19.974	ug/l	97
78) n-propylbenzene	12.59	91	369678	20.151	ug/l	100
79) 2-Chlorotoluene	12.67	91	222885	19.794	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	273259	20.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36990	20.256	ug/l	99
82) 4-Chlorotoluene	12.77	91	221893	19.043	ug/l	98
83) tert-Butylbenzene	12.99	119	236570	20.574	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	264049	19.799	ug/l	100
85) sec-Butylbenzene	13.17	105	307718	19.911	ug/l	99
86) p-Isopropyltoluene	13.29	119	271112	19.714	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134549	19.233	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132649	19.165	ug/l	99
89) n-Butylbenzene	13.62	91	225818	18.719	ug/l	99
90) Hexachloroethane	13.88	117	50823	19.514	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	131191	19.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21594	18.958	ug/l	97

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ClientSampleId :
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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)
93) 1,2,4-Trichlorobenzene	14.91	180	71141	18.845	ug/l	99
94) Hexachlorobutadiene	15.01	225	48257	19.790	ug/l	99
95) Naphthalene	15.13	128	181495	17.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	73802	19.084	ug/l	100

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

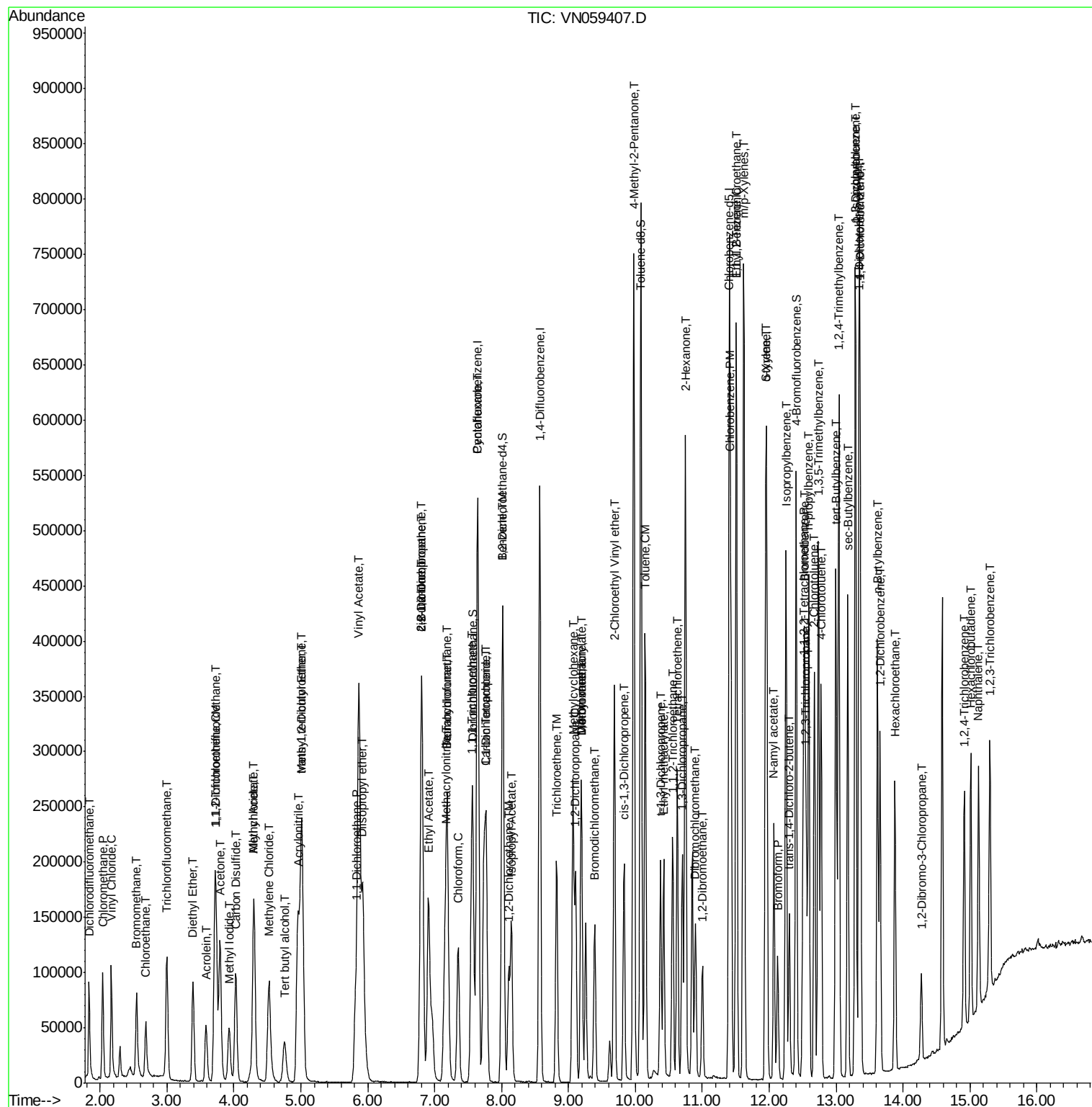
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Data File : VN059407.D
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Operator : JC/SP
Sample : VN1126WBSD01
Misc : 5.00mL/MSVOA N/WATER
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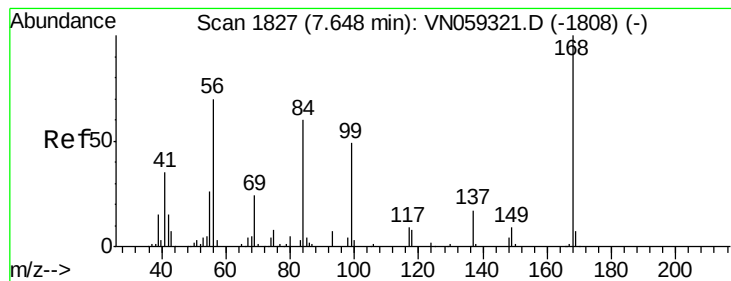
Instrument :
MSVOA_N
Client Sampled :
VN1126WBSD01

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:168 Resp: 317227

Ion Ratio Lower Upper

168 100

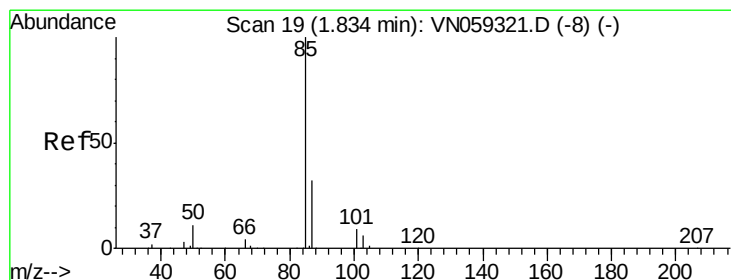
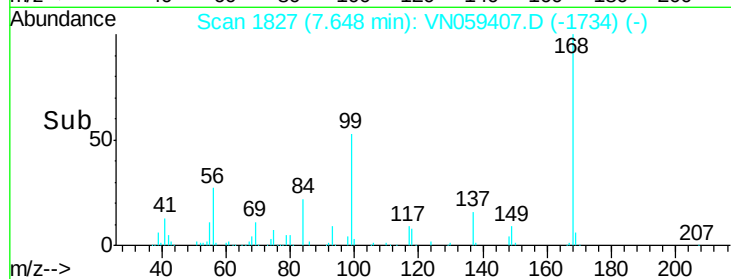
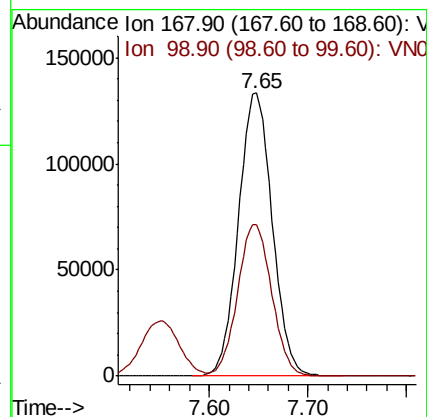
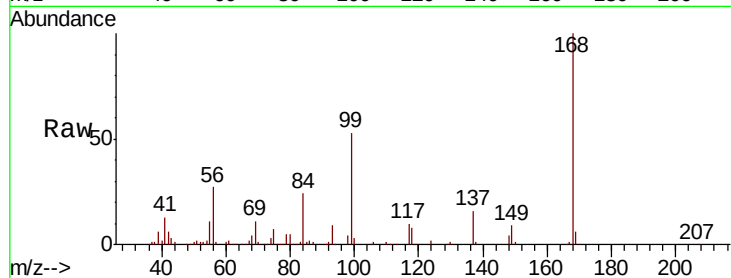
99 53.5 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.522 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN059407.D

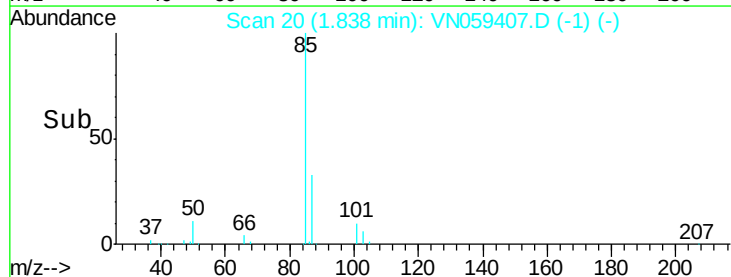
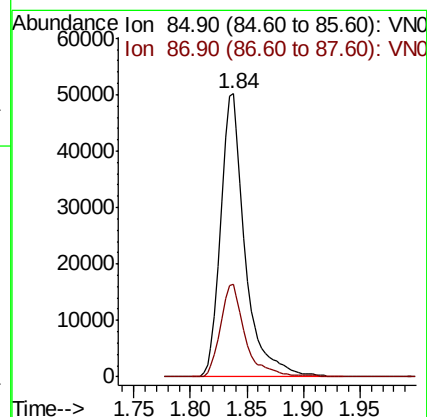
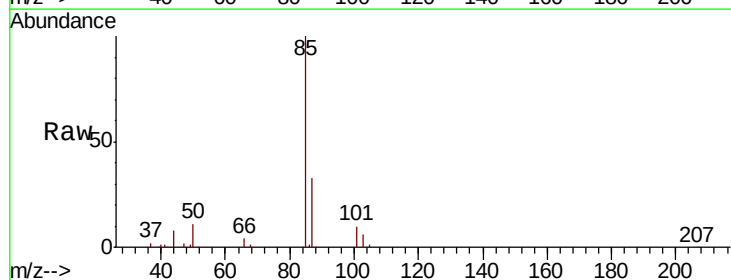
Acq: 26 Nov 2019 15:30

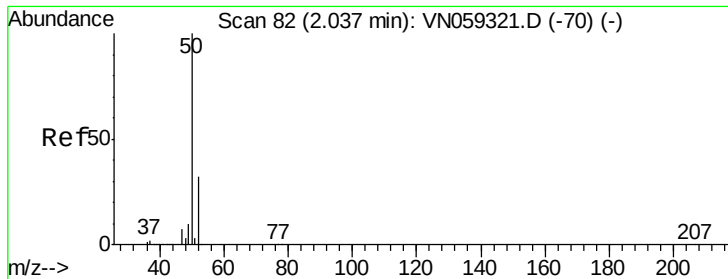
Tgt Ion: 85 Resp: 75220

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0





#3

Chloromethane

Concen: 18.036 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 50 Resp: 89734

Ion Ratio Lower Upper

50 100

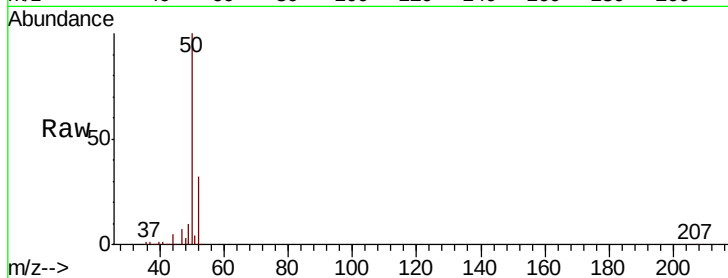
52 31.9 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN059407.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN059407.D (-1) (-)

2.04

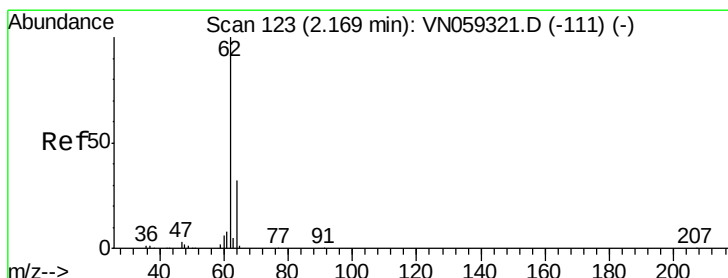
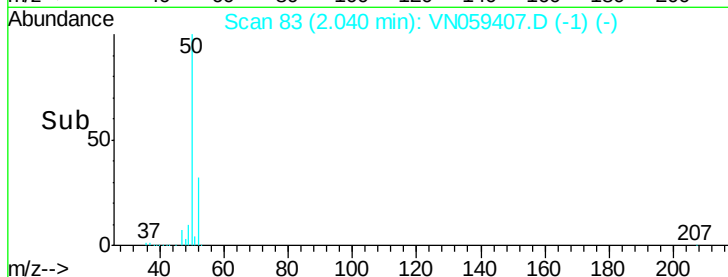
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 19.320 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059407.D

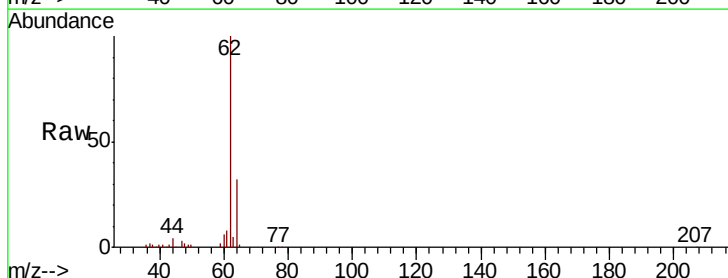
Acq: 26 Nov 2019 15:30

Tgt Ion: 62 Resp: 98962

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN059407.D (-30) (-)

Ion 63.90 (63.60 to 64.60): VN059407.D (-30) (-)

2.17

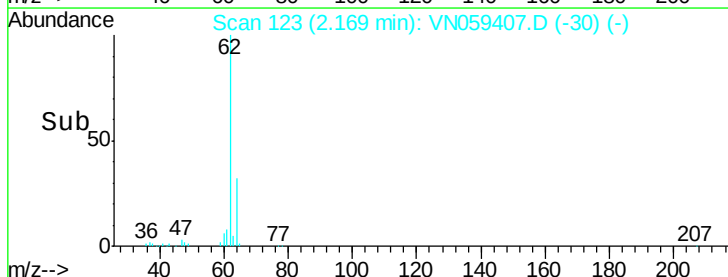
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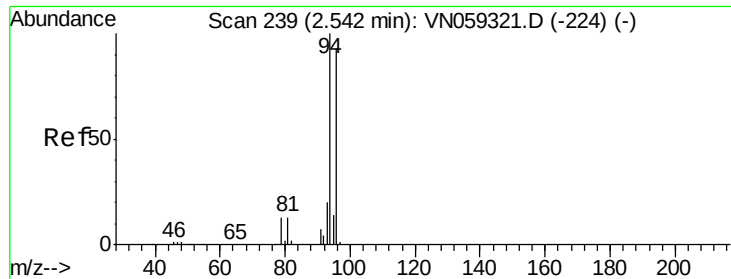
40000

20000

0

Time-->





#5

Bromomethane

Concen: 19.502 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 94 Resp: 55460

Ion Ratio Lower Upper

94 100

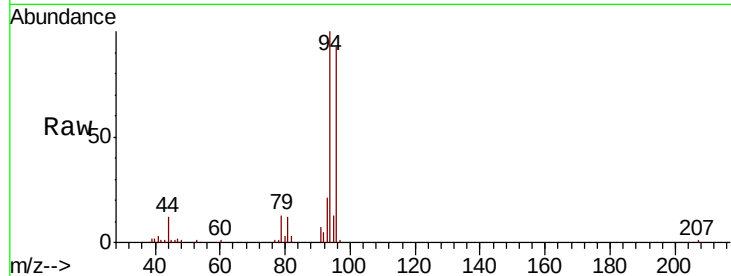
96 93.2 74.5 111.7

Manual Integrations

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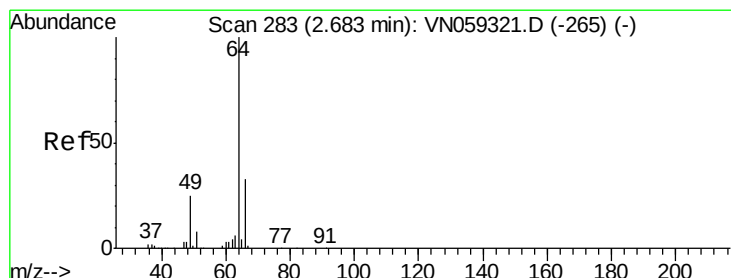
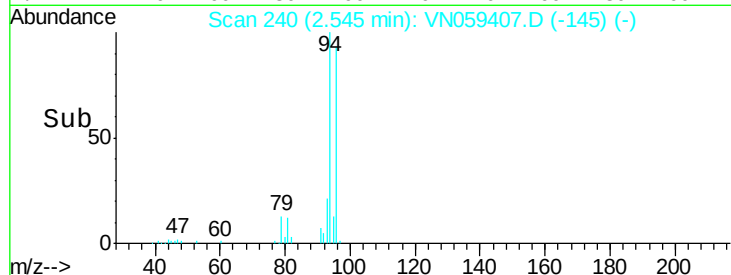


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

Time-->



#6

Chloroethane

Concen: 17.990 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN059407.D

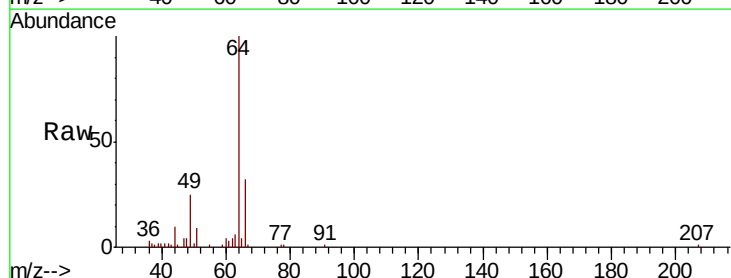
Acq: 26 Nov 2019 15:30

Tgt Ion: 64 Resp: 50293

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.2

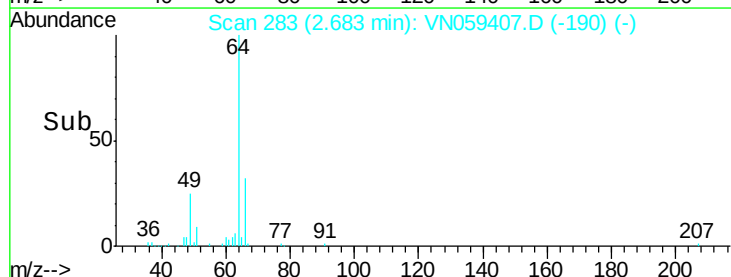


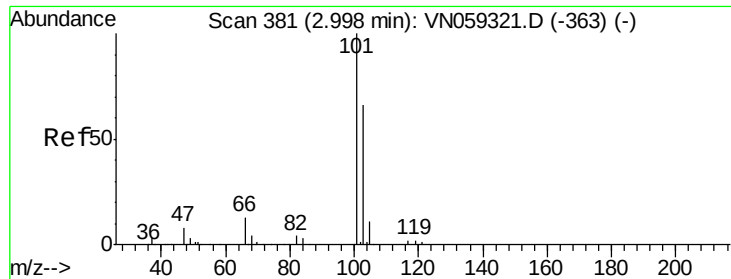
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

Time-->





#7

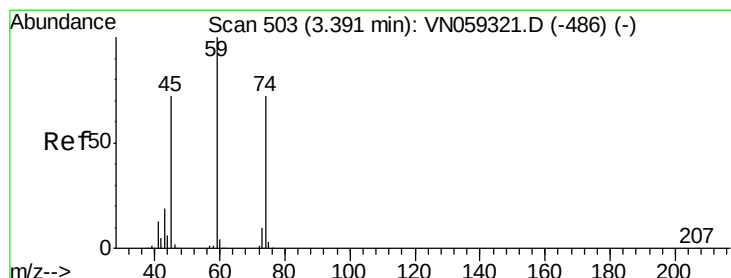
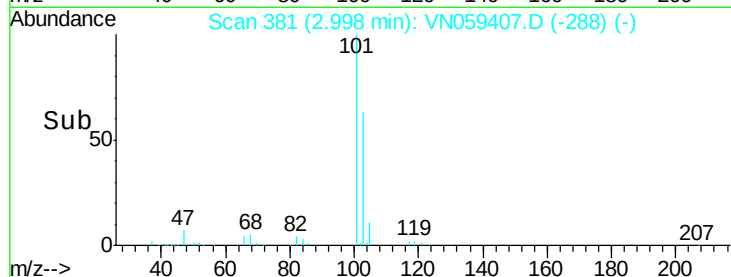
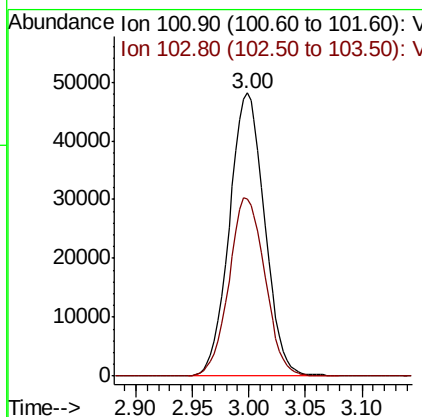
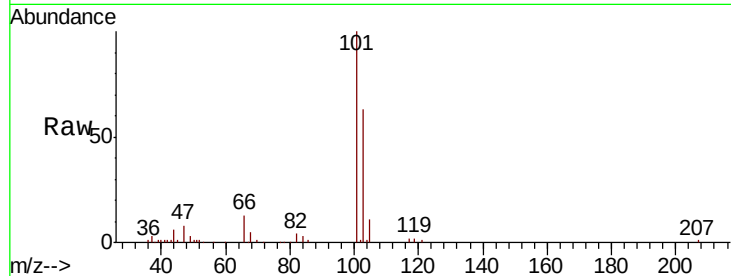
Trichlorofluoromethane
 Concen: 18.866 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
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 ClientSampleId :
 VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.5	78.7

Manual Integrations
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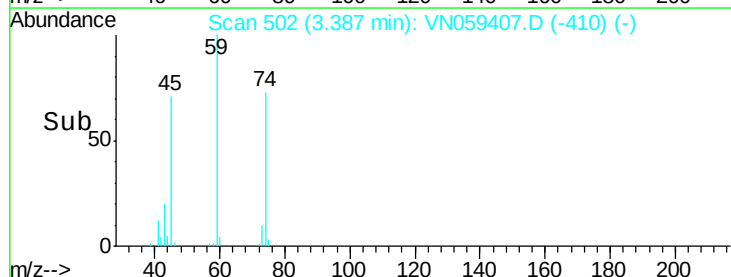
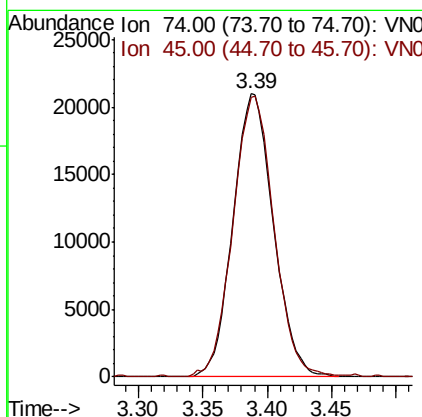
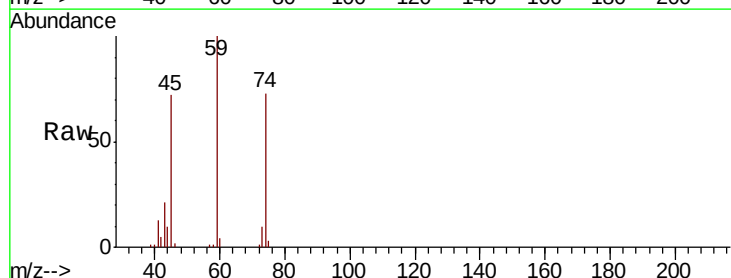
apatel
 11/27/2019 10:51:00 AM

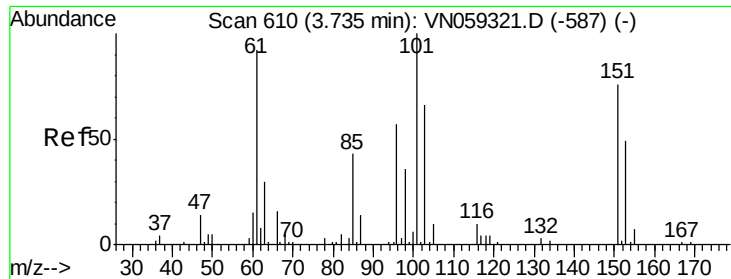


#8

Diethyl Ether
 Concen: 20.283 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.058 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:101 Resp: 67656

Ion Ratio Lower Upper

101 100

85 43.3 34.8 52.2

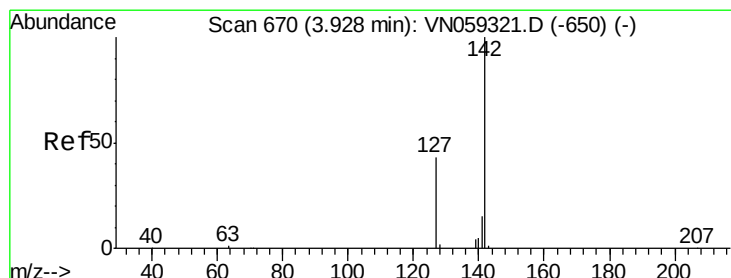
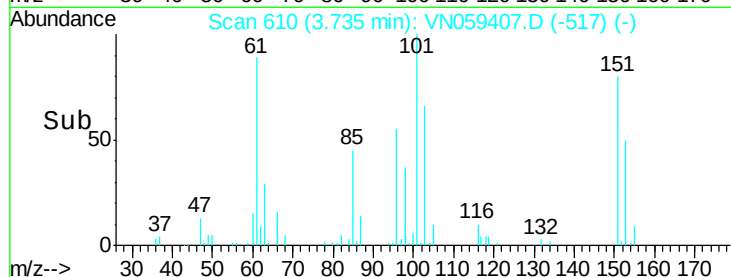
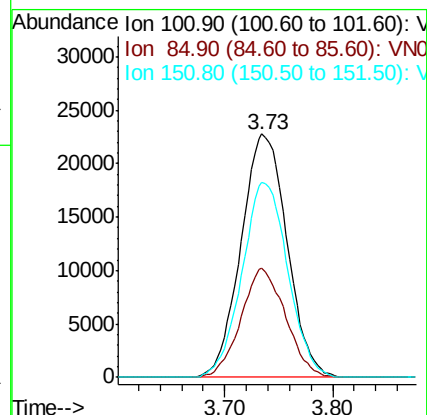
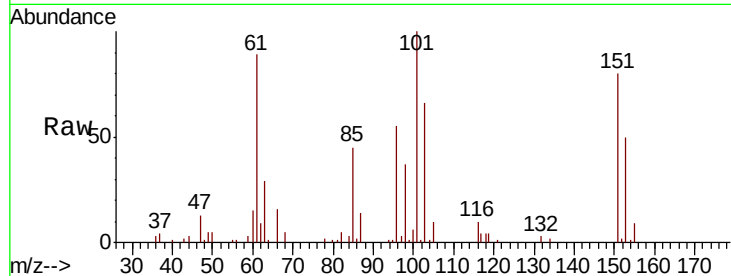
151 79.5 62.2 93.4

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#10

Methyl Iodide

Concen: 19.911 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

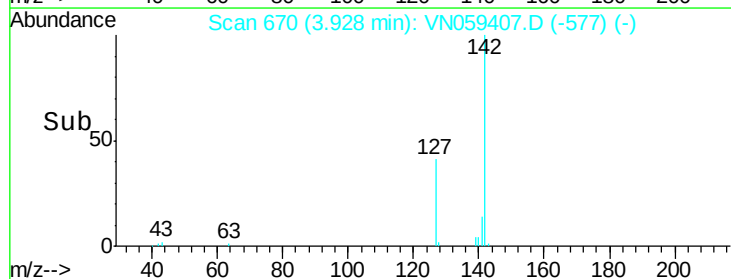
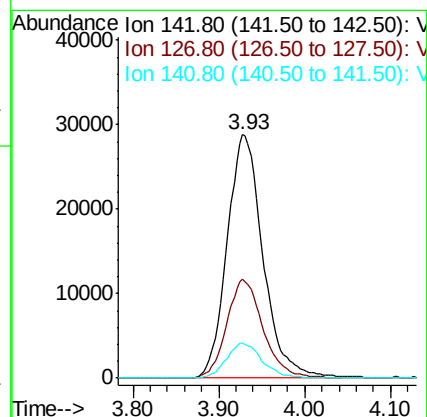
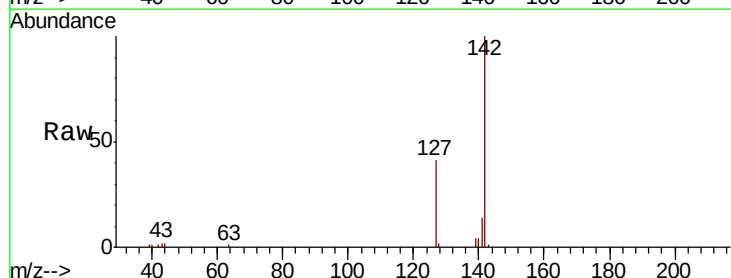
Tgt Ion:142 Resp: 83467

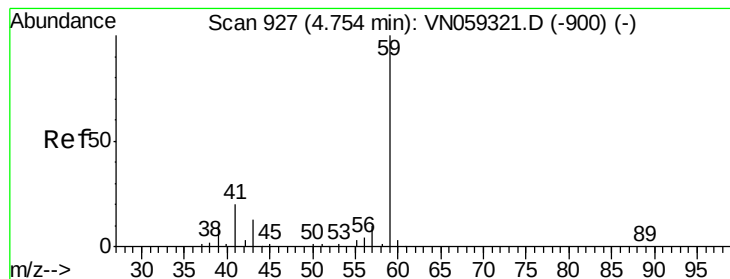
Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.6

141 14.3 11.2 16.8





#11

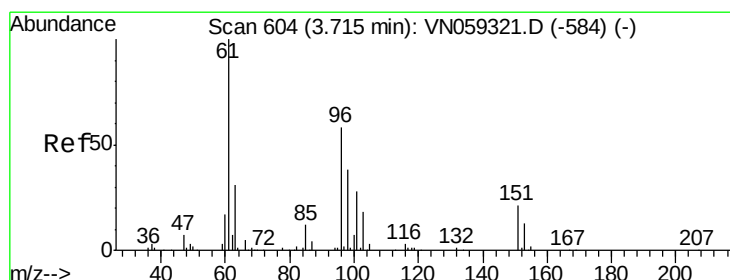
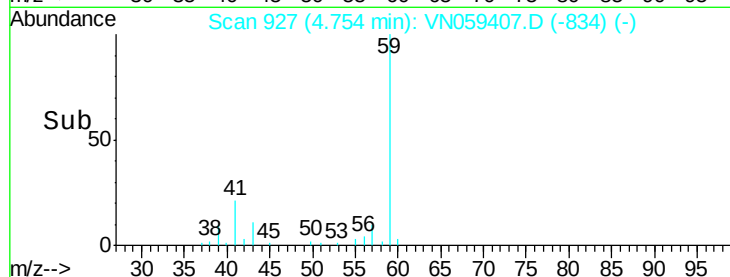
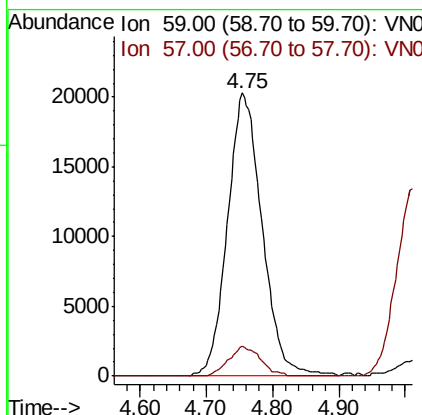
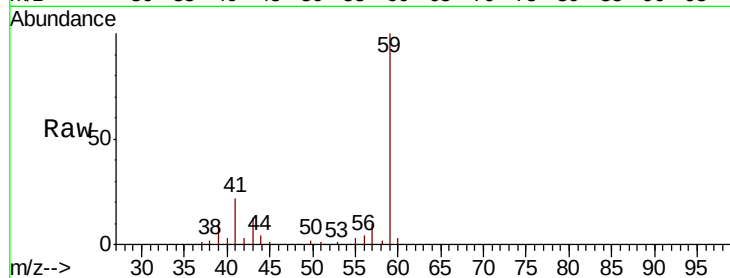
Tert butyl alcohol
 Concen: 96.395 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion	59	57	Ratio	100	9.7	Resp	73458	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	9.7	Resp	73458	Lower	8.2	Upper	12.2

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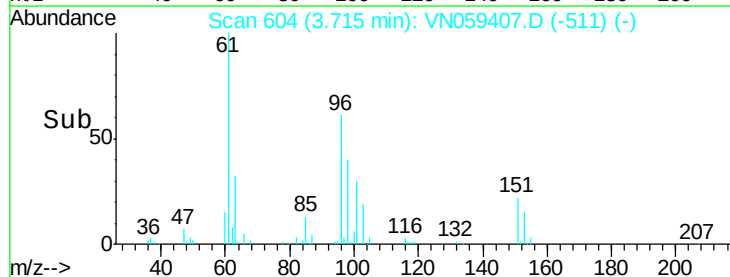
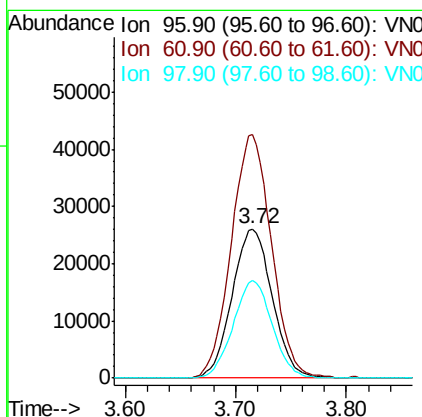
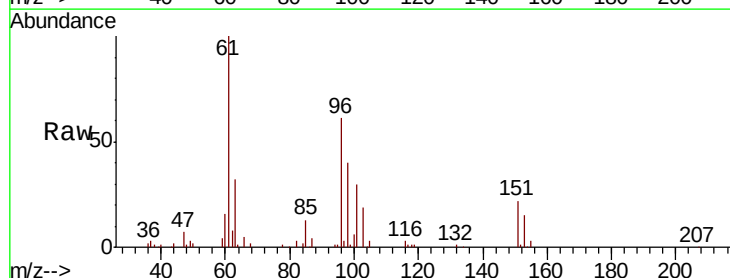
apatel
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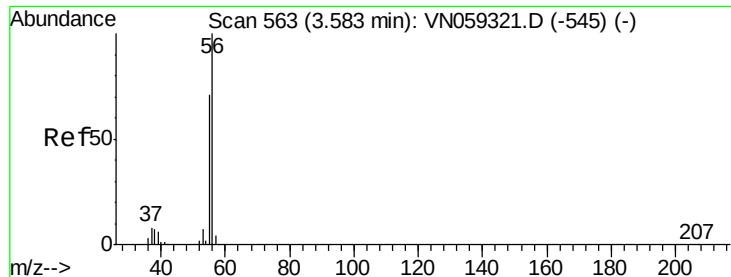


#12

1,1-Dichloroethene
 Concen: 19.229 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	96	61	98	Ratio	100	163.4	65.7	Resp	65836	Lower	136.8	51.6	Upper	205.2	77.4
Ion	96	61	98	Ratio	100	163.4	65.7	Resp	65836	Lower	136.8	51.6	Upper	205.2	77.4





#13

Acrolein

Concen: 83.842 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 56 Resp: 58324

Ion Ratio Lower Upper

56 100

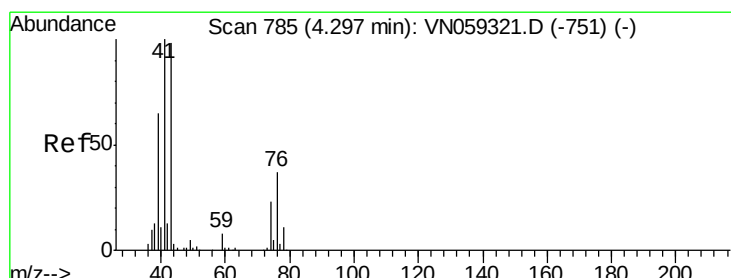
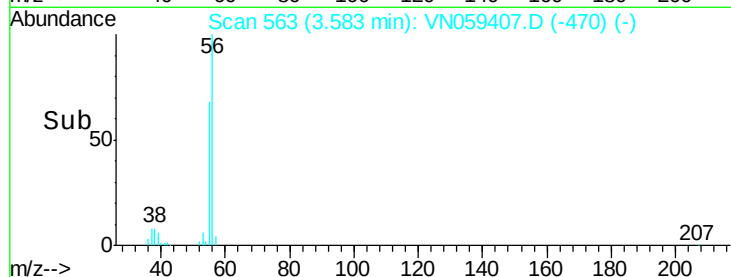
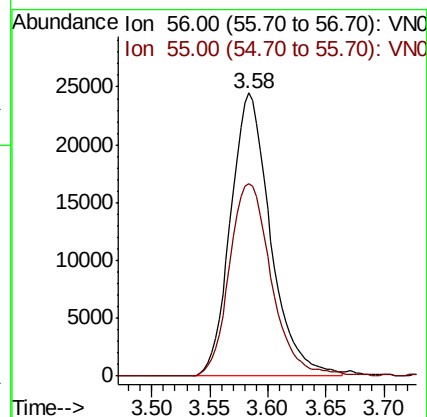
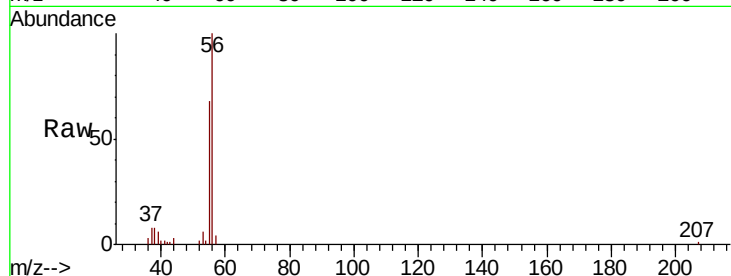
55 71.8 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 19.090 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

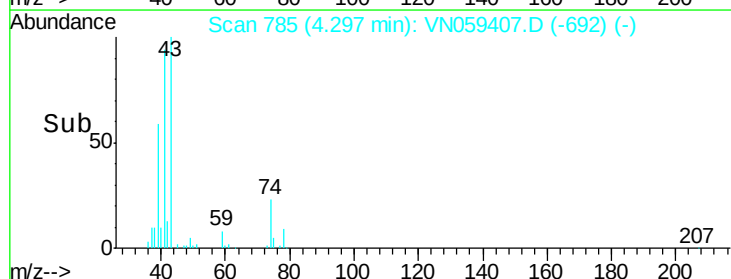
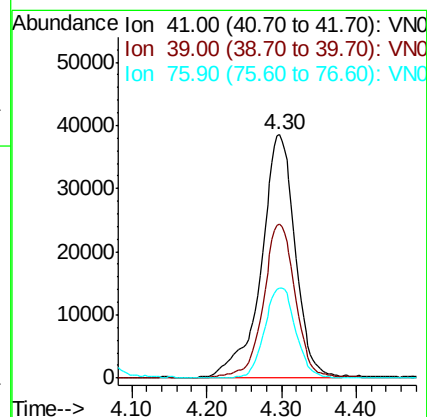
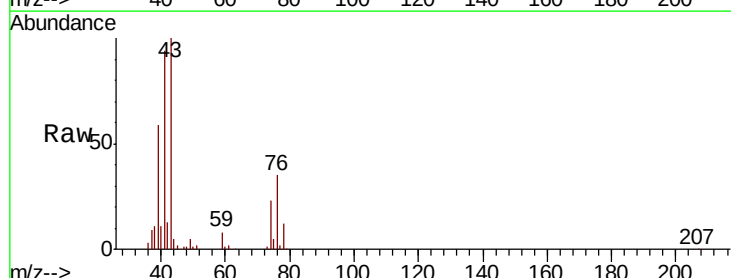
Tgt Ion: 41 Resp: 122102

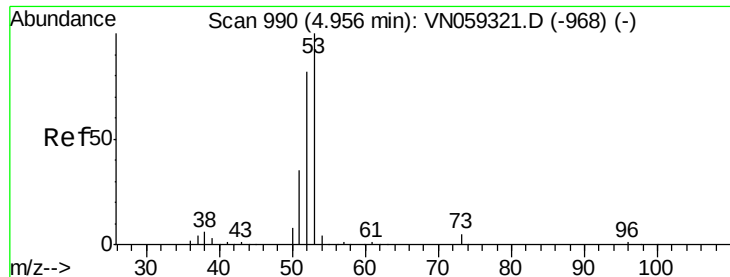
Ion Ratio Lower Upper

41 100

39 59.4 48.4 72.6

76 33.6 26.2 39.4





#15

Acrylonitrile

Concen: 100.141 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

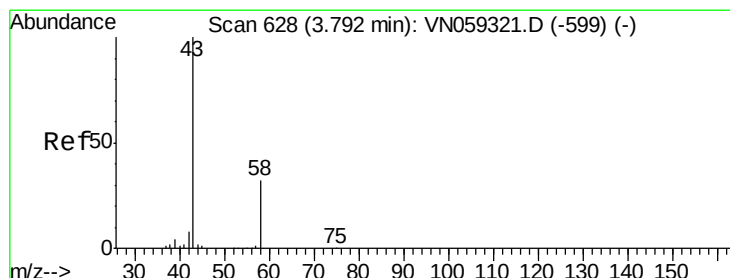
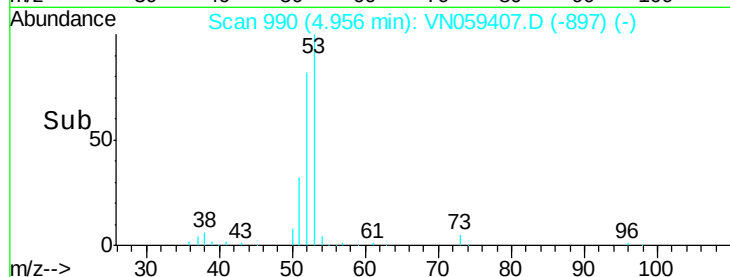
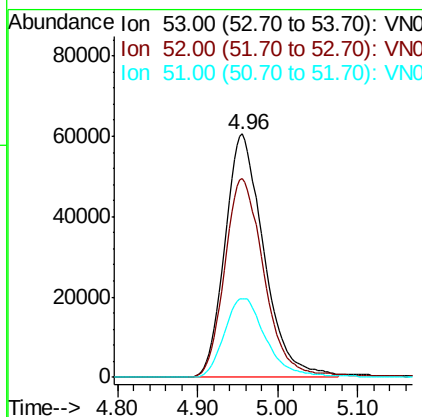
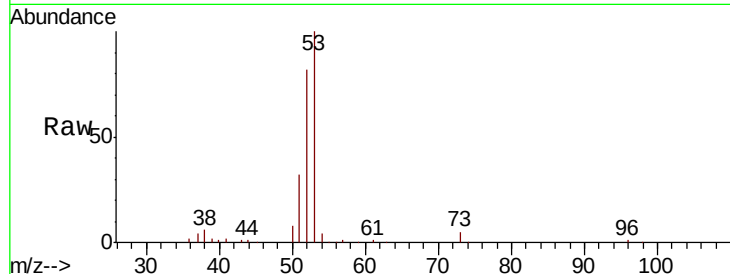
ClientSampleId :

VN1126WBSD01

Tot Ion:	53	Resp:	201772
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.8	98.8
51	34.8	28.2	42.2

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#16

Acetone

Concen: 122.725 ug/l

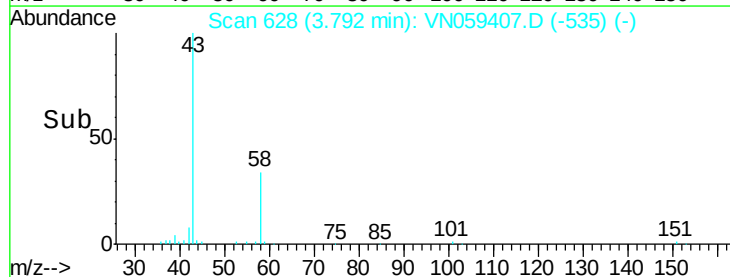
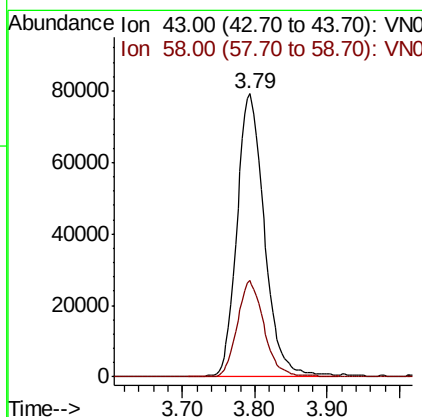
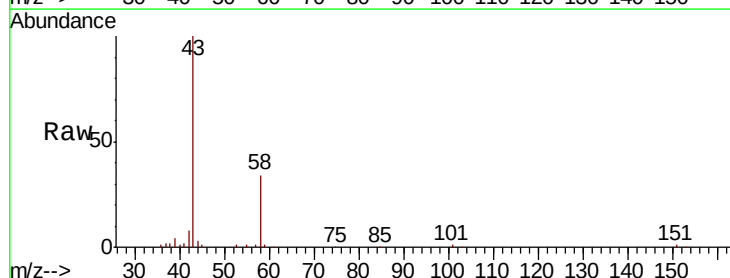
RT: 3.79 min Scan# 628

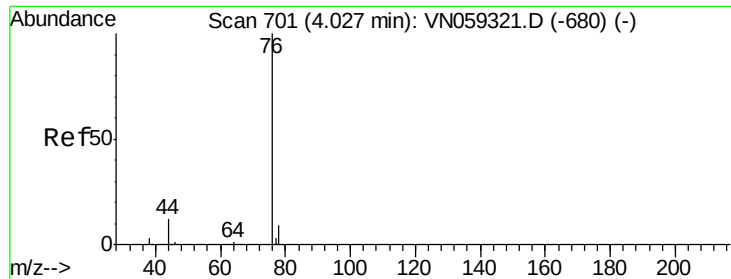
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	43	Resp:	209446
Ion Ratio	Lower	Upper	
43	100		
58	34.0	25.8	38.6





#17

Carbon Disulfide

Concen: 18.221 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 76 Resp: 194551

Ion Ratio Lower Upper

76 100

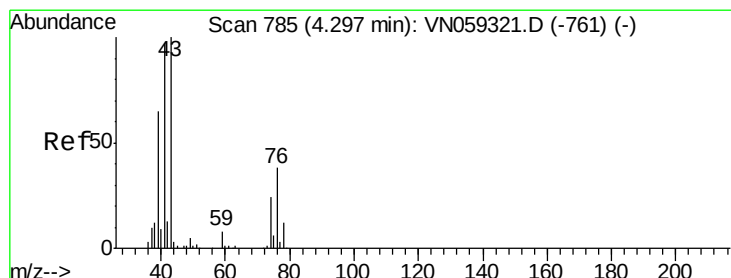
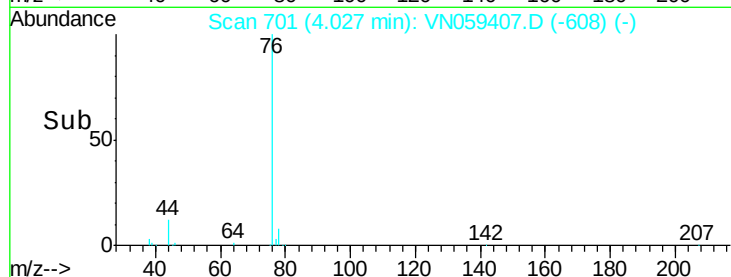
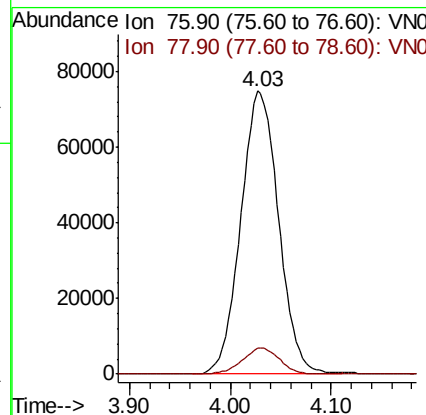
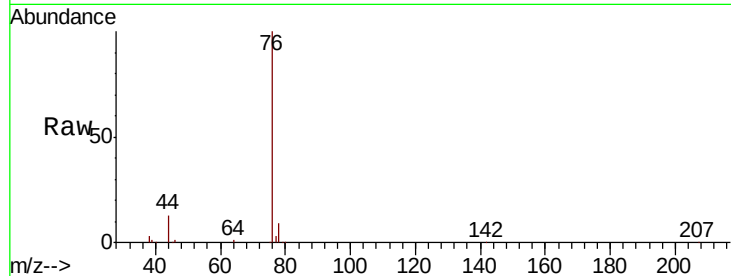
78 9.1 7.2 10.8

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#18

Methyl Acetate

Concen: 20.951 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN059407.D

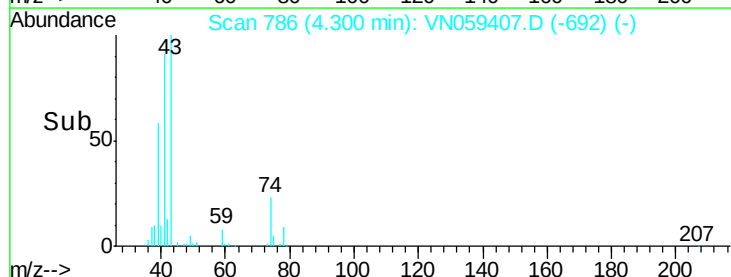
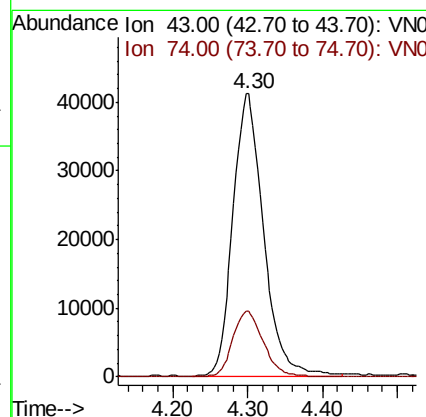
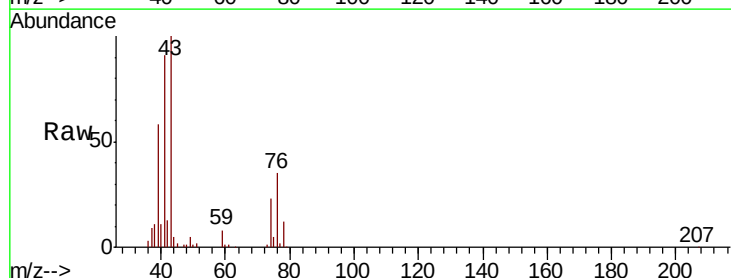
Acq: 26 Nov 2019 15:30

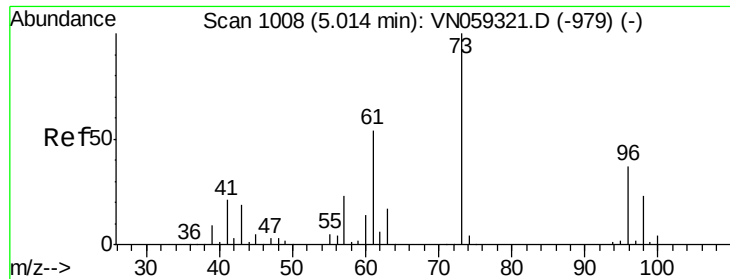
Tgt Ion: 43 Resp: 118661

Ion Ratio Lower Upper

43 100

74 23.2 18.1 27.1





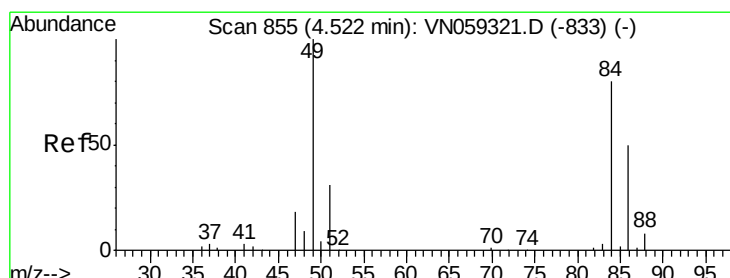
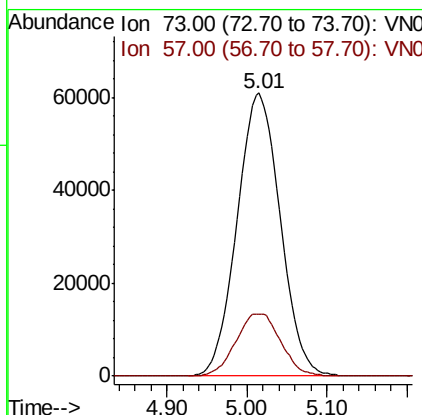
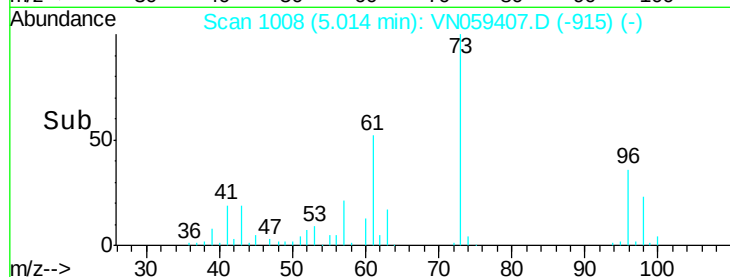
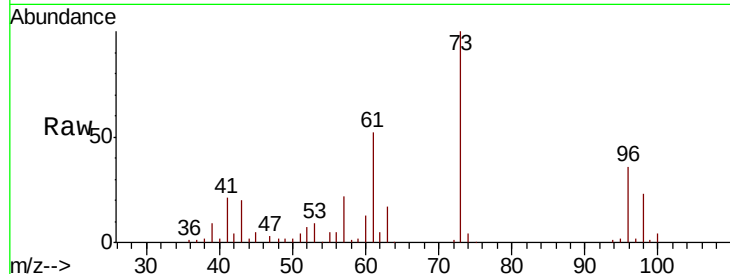
#19
Methyl tert-butyl Ether
Concen: 20.258 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion: 73 Resp: 224018
Ion Ratio Lower Upper
73 100
57 21.8 18.4 27.6

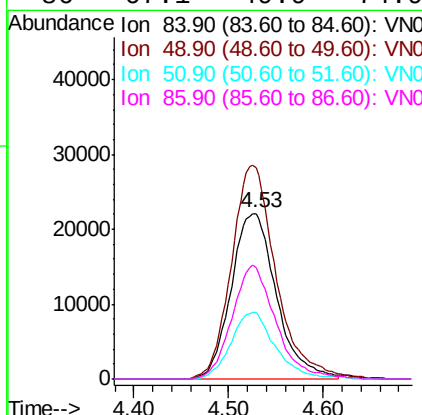
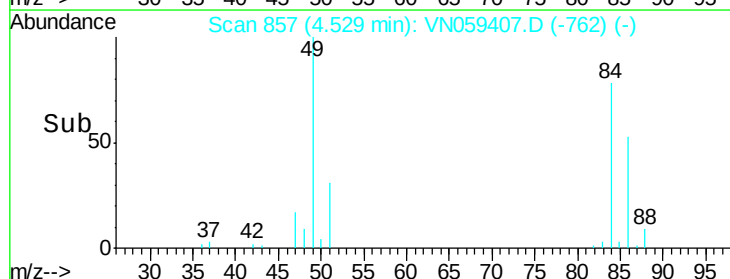
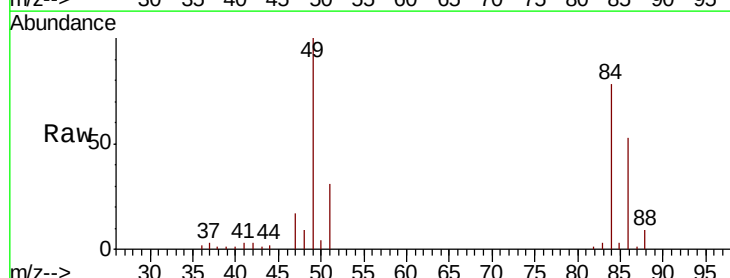
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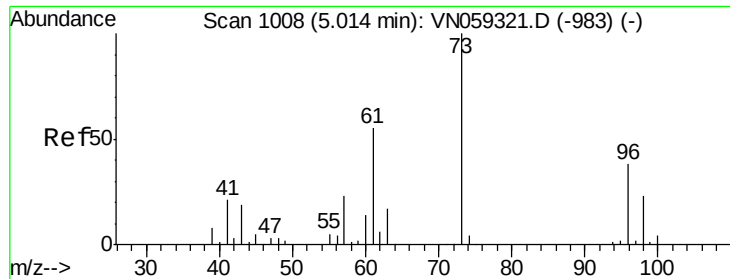
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#20
Methylene Chloride
Concen: 19.122 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion: 84 Resp: 73602
Ion Ratio Lower Upper
84 100
49 127.6 99.5 149.3
51 40.1 31.1 46.7
86 67.1 49.9 74.9





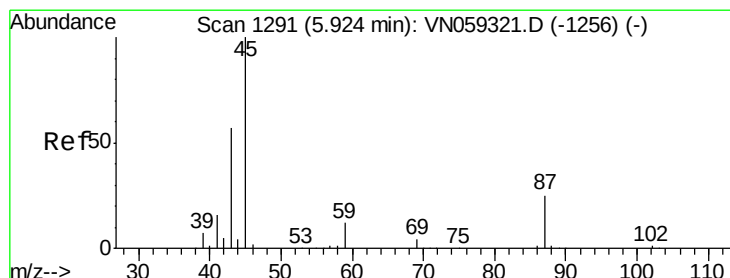
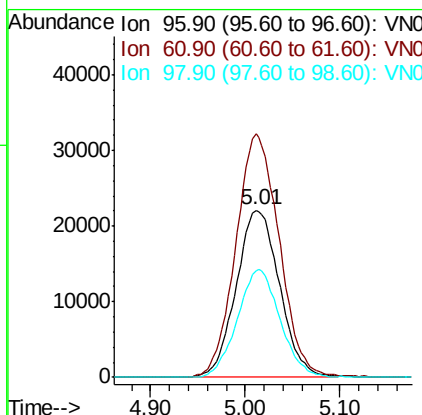
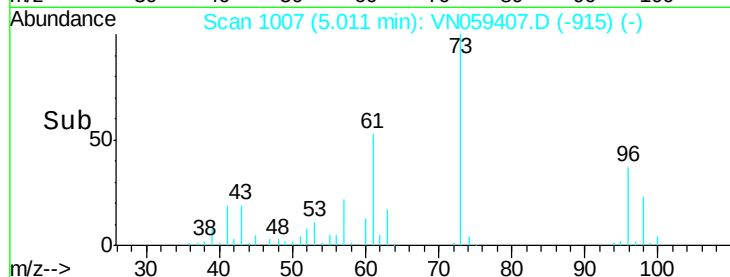
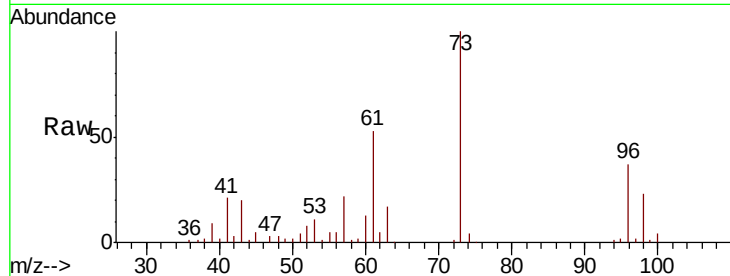
#21
trans-1,2-Dichloroethene
Concen: 19.390 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	116.4	174.6
98	64.0	49.6	74.4

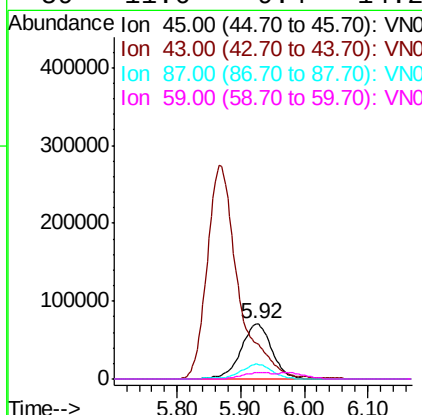
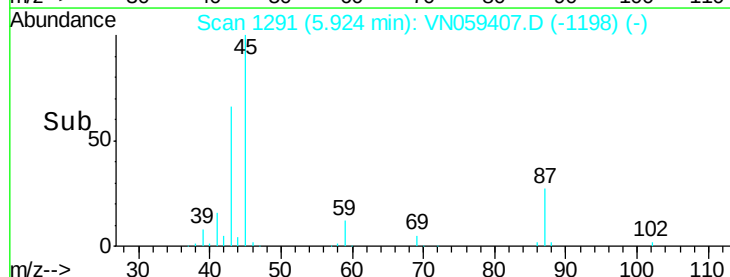
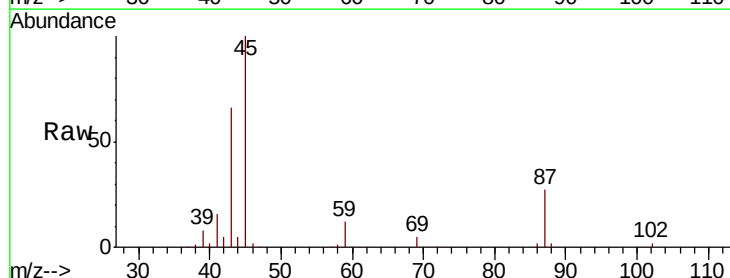
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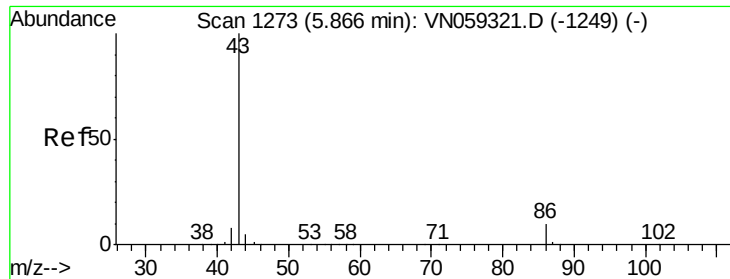
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#22
Diisopropyl ether
Concen: 19.817 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	47.6	71.4
87	26.8	20.7	31.1
59	11.6	9.4	14.2





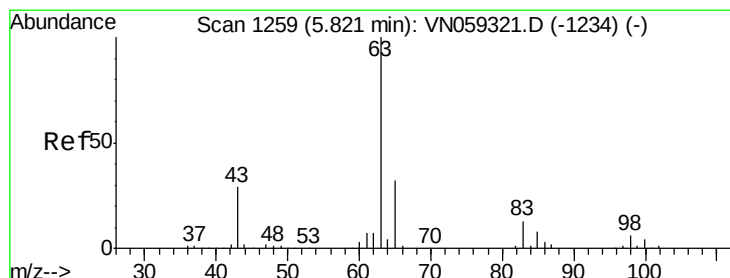
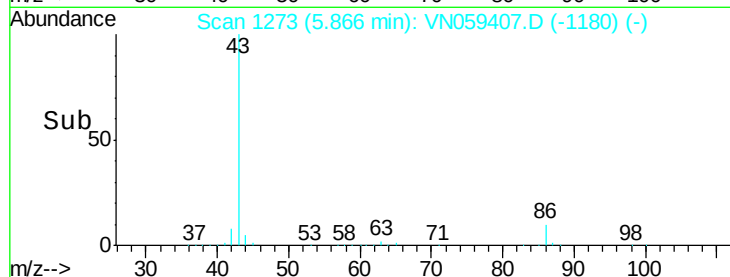
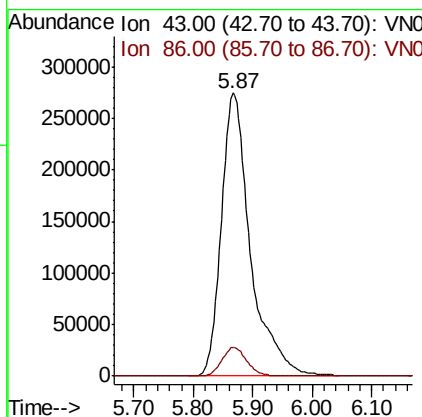
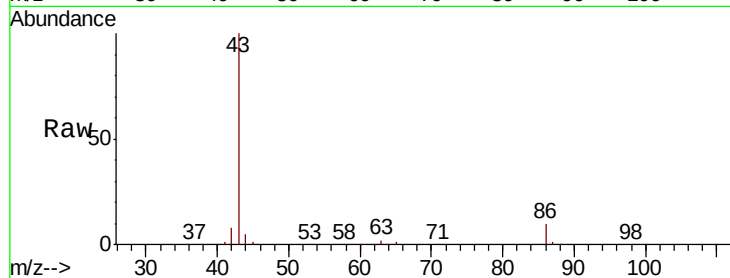
#23
 Vinyl Acetate
 Concen: 98.523 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion	43	Resp	933001
Ion Ratio	100	Lower	Upper
43	100	8.0	12.0
86	10.2		

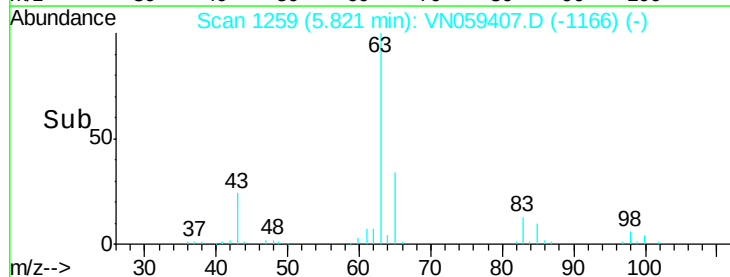
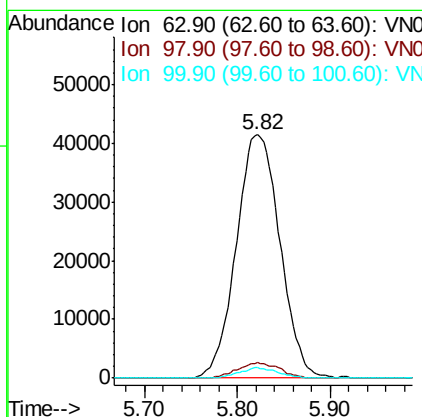
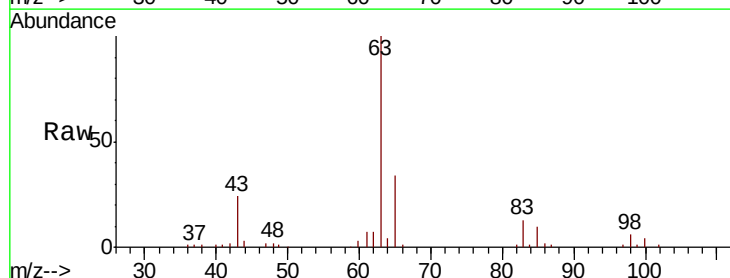
Manual Integrations
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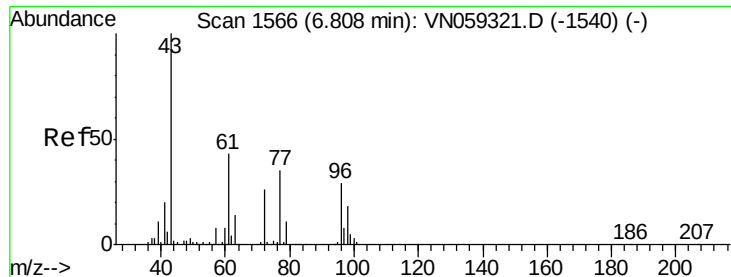
apatel
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#24
 1,1-Dichloroethane
 Concen: 20.002 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	63	Resp	135583
Ion Ratio	100	Lower	Upper
63	100	2.9	8.8
98	6.2		
100	4.5	1.9	5.7





#25

2-Butanone

Concen: 105.173 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 43 Resp: 279109

Ion Ratio Lower Upper

43 100

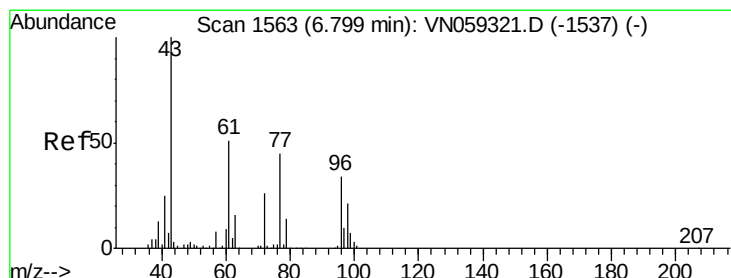
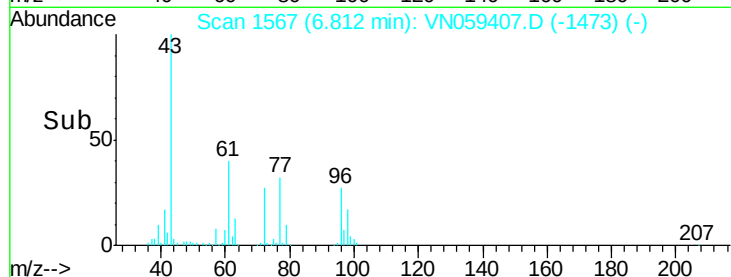
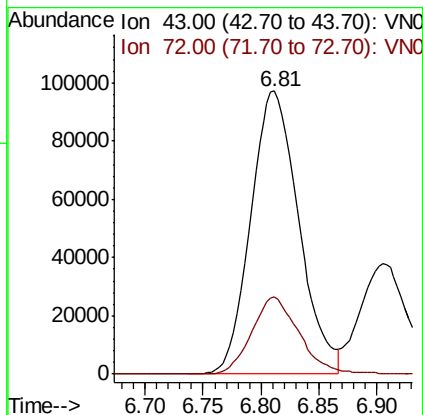
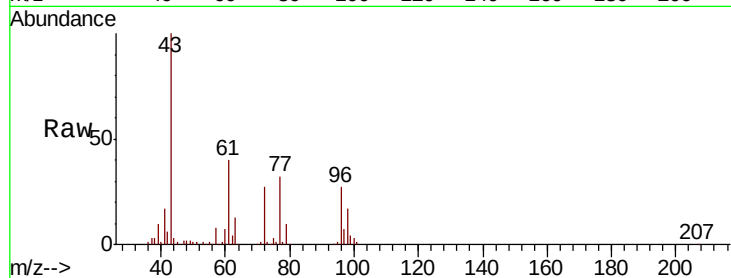
72 27.5 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.699 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059407.D

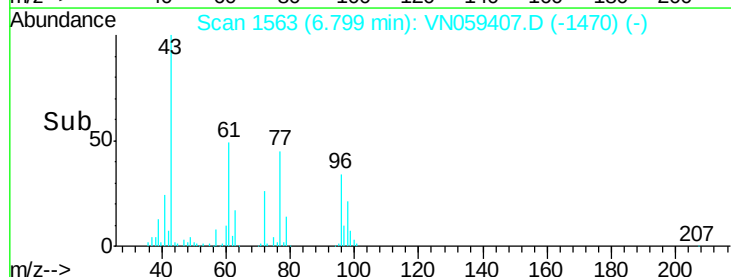
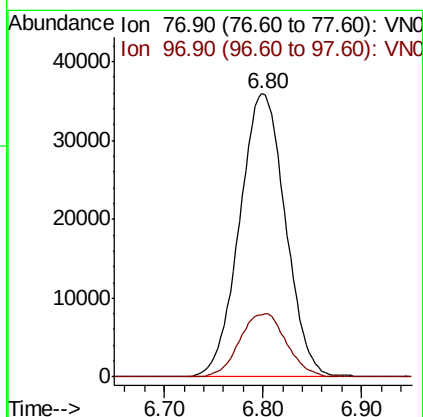
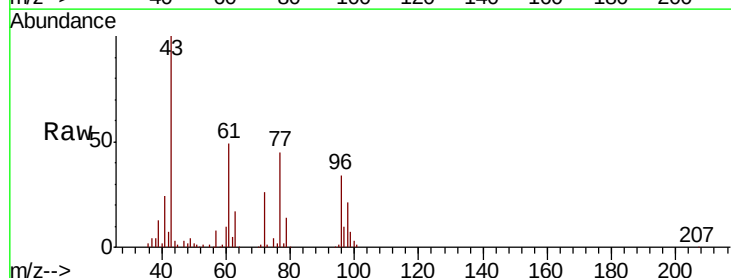
Acq: 26 Nov 2019 15:30

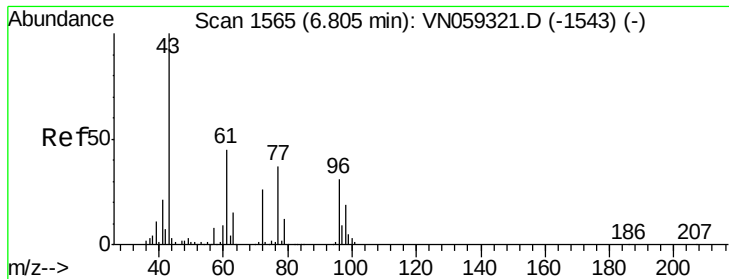
Tgt Ion: 77 Resp: 115622

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.787 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

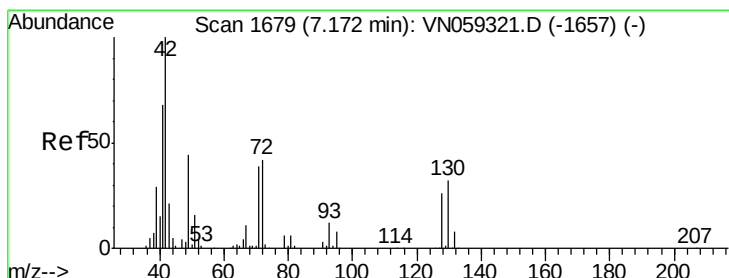
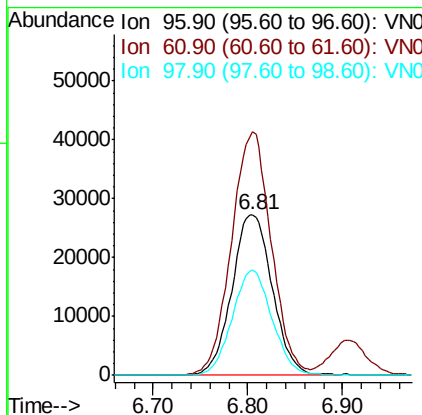
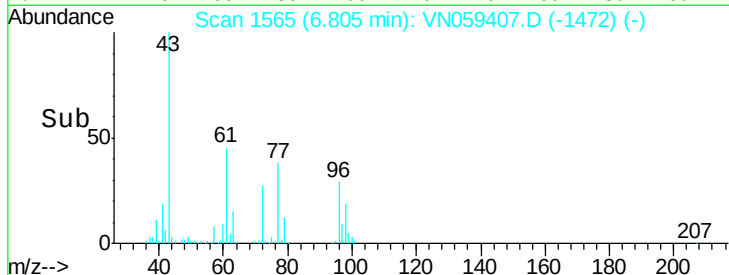
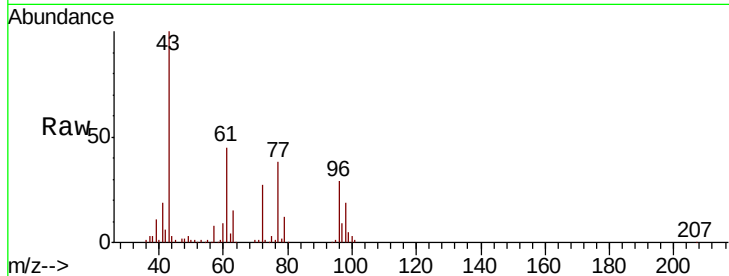
ClientSampleId :

VN1126WBSD01

Tot Ion:	96	Resp:	81006
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	304.0
98	64.4	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 20.397 ug/l

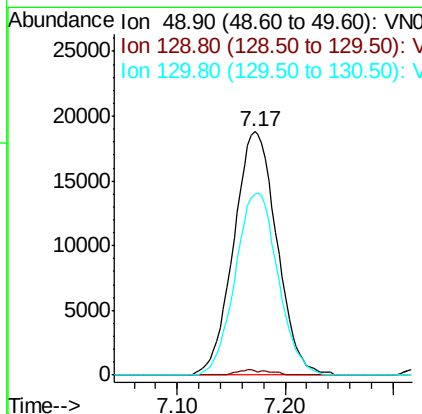
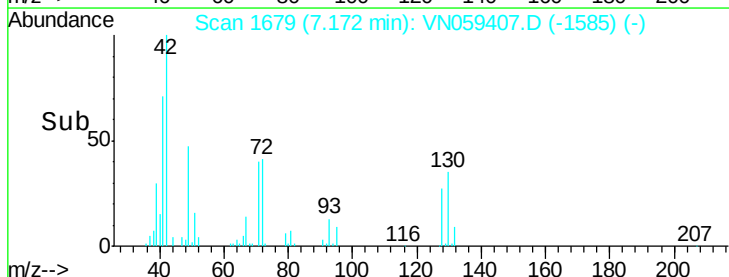
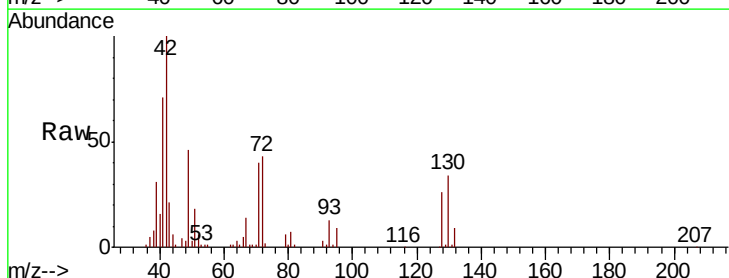
RT: 7.17 min Scan# 1679

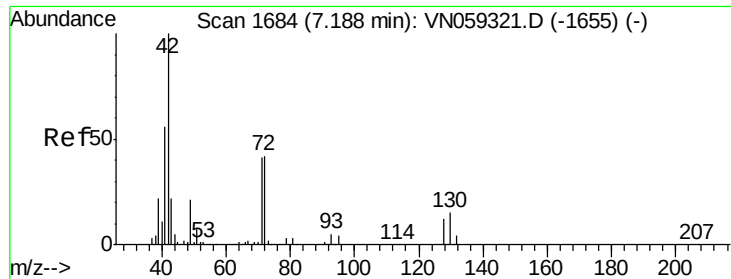
Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	49	Resp:	52283
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	74.1	57.0	85.6





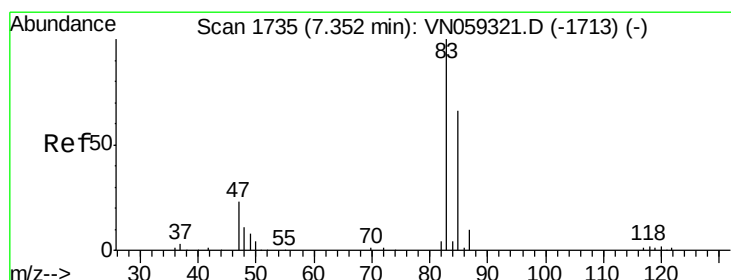
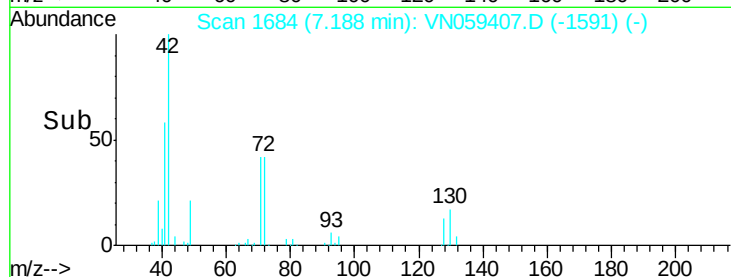
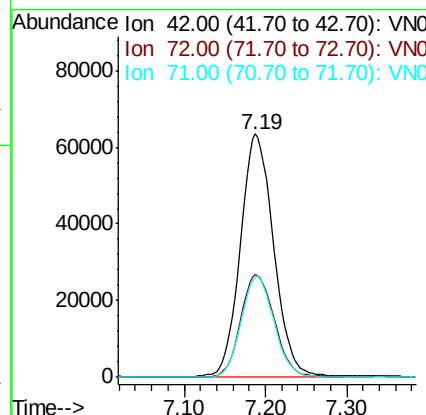
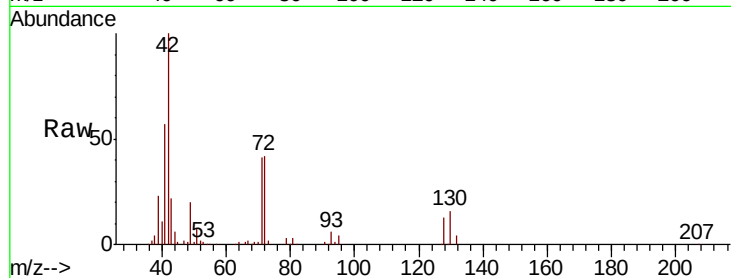
#29
Tetrahydrofuran
Concen: 96.968 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	41.3	32.6	48.8

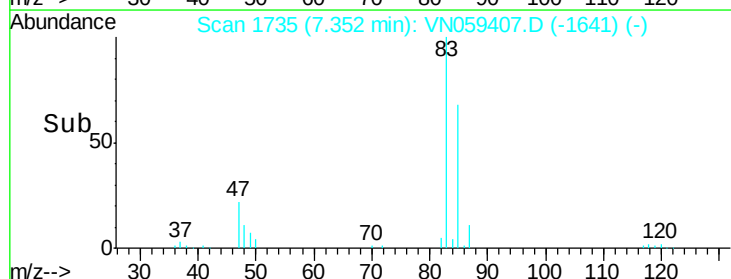
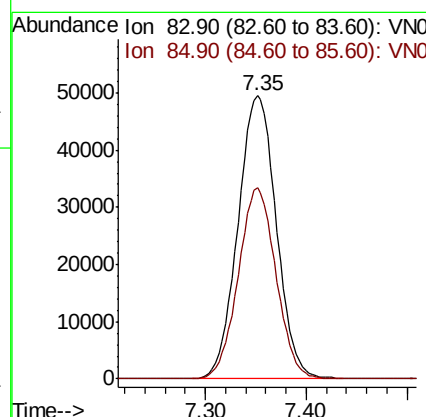
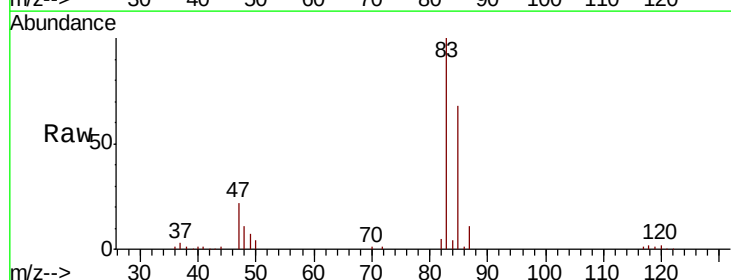
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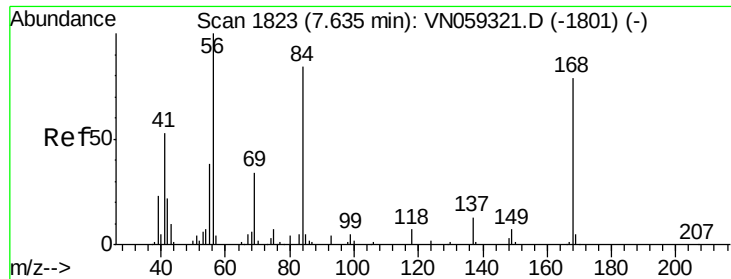
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#30
Chloroform
Concen: 19.741 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.7	79.1





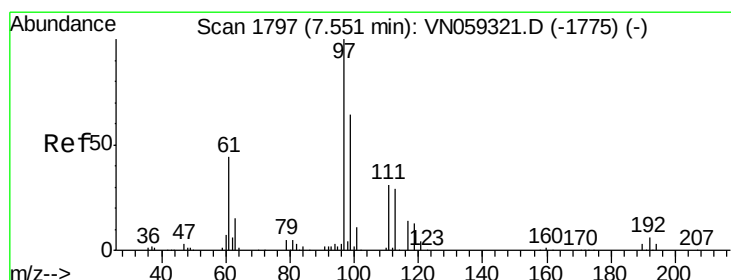
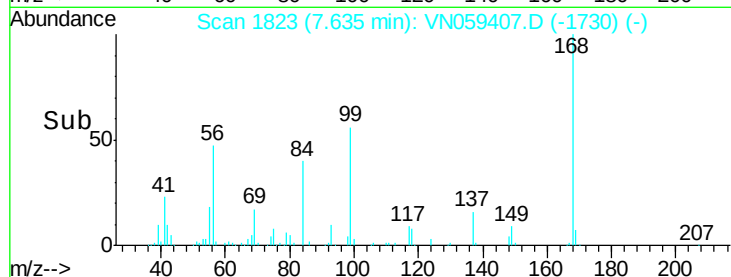
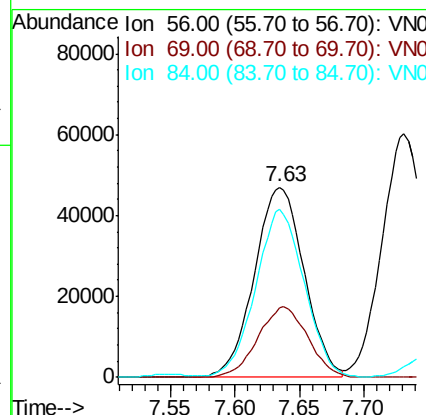
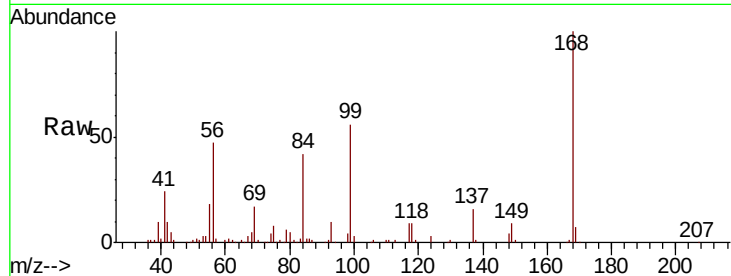
#31
Cyclohexane
Concen: 18.851 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	26.6	40.0
84	87.5	67.0	100.4

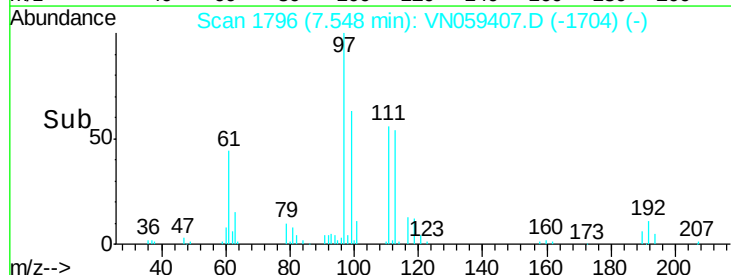
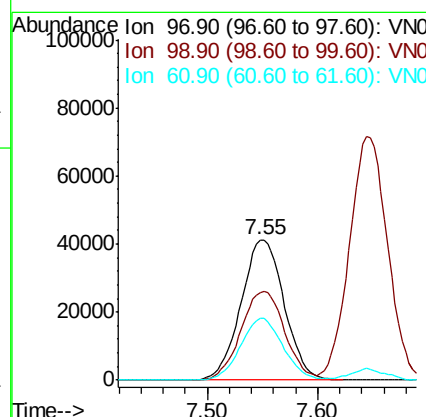
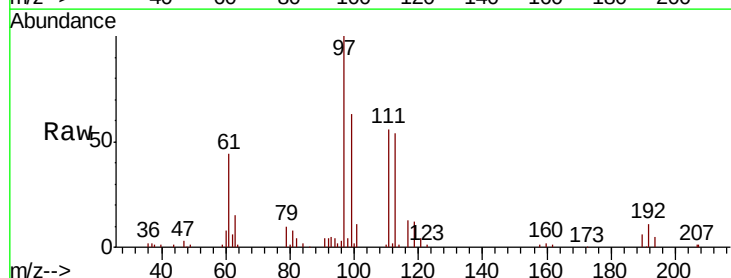
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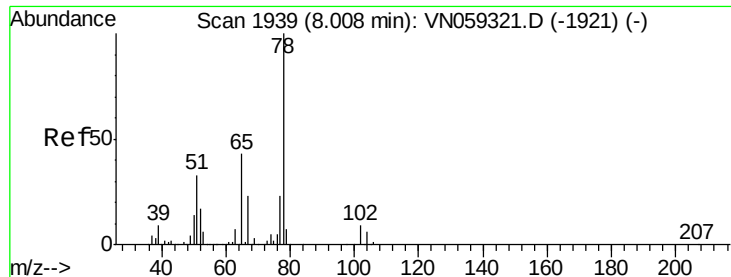
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#32
1,1,1-Trichloroethane
Concen: 19.740 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	43.2	35.3	52.9





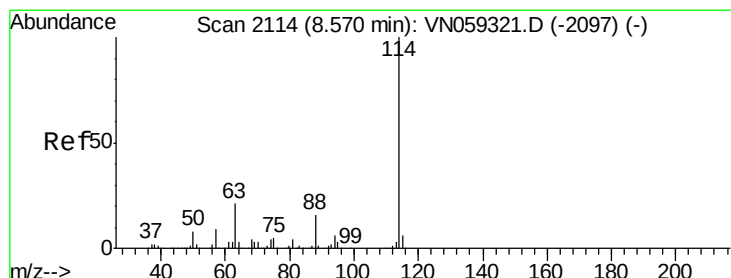
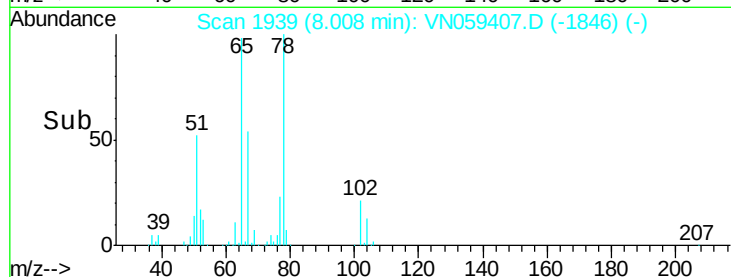
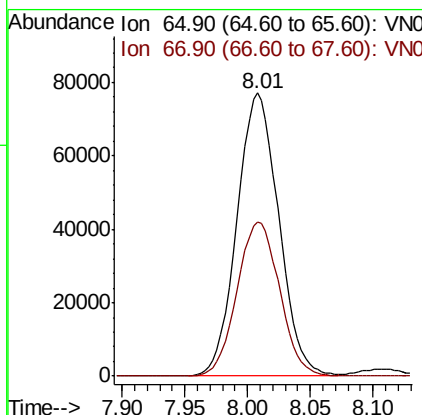
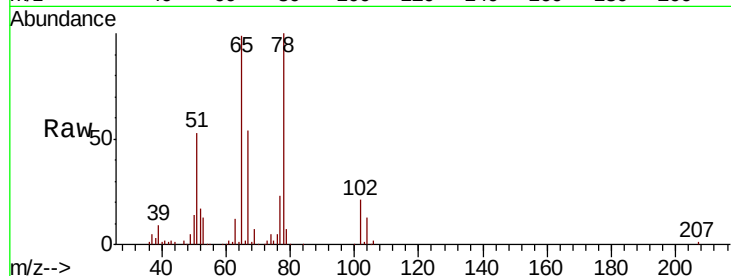
#33
 1,2-Dichloroethane-d4
 Concen: 46.918 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178580		
67	55.4	0.0	109.4	

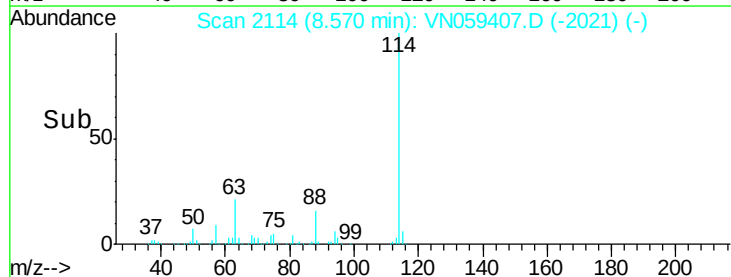
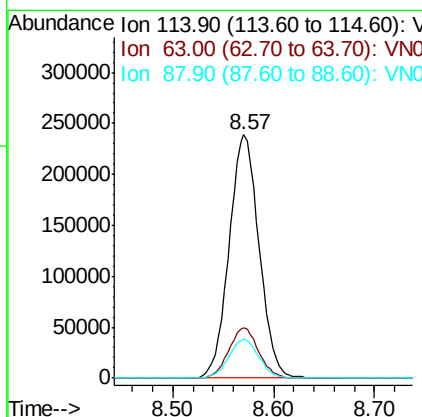
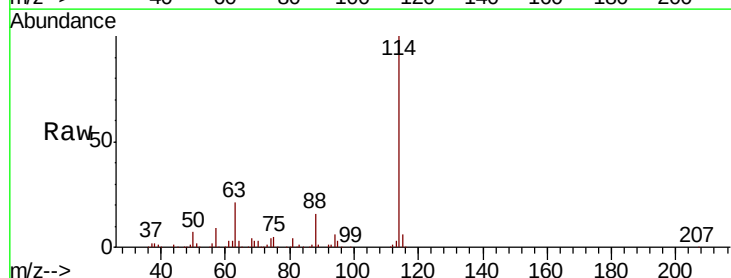
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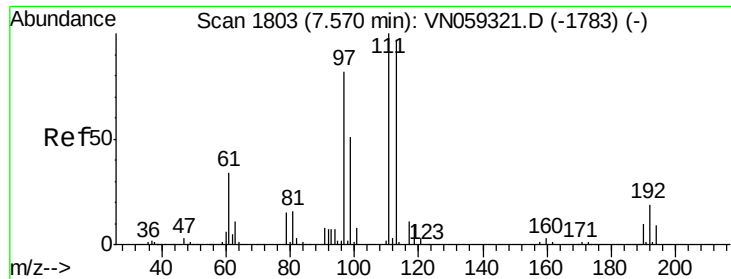
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	493916		
63	20.9	0.0	42.2	
88	16.0	0.0	32.2	





#35

Dibromofluoromethane

Concen: 49.009 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

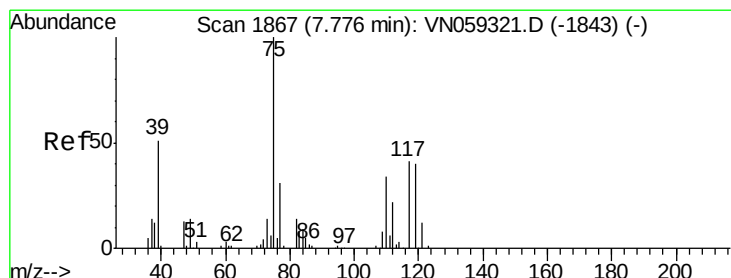
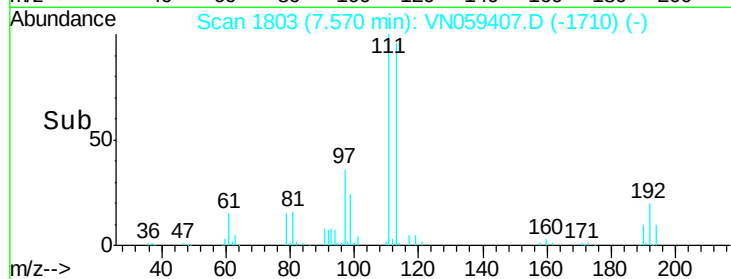
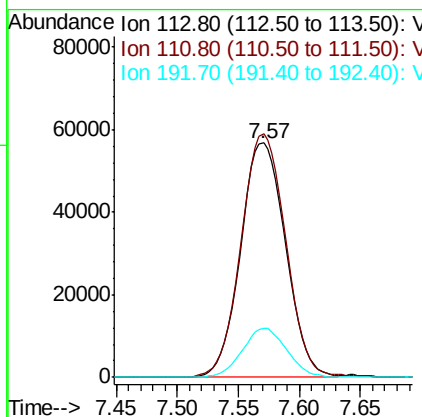
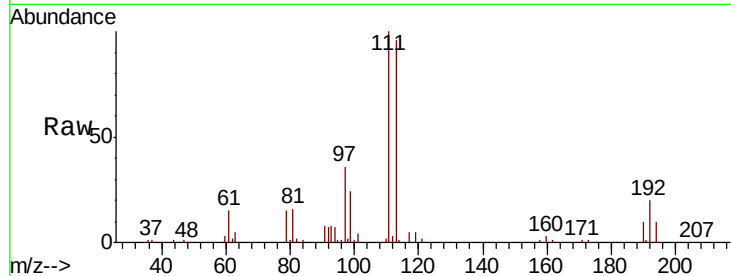
ClientSampleId :

VN1126WBSD01

Tot Ion:	113	Resp:	145225
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.7	124.1
192	20.7	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.500 ug/l

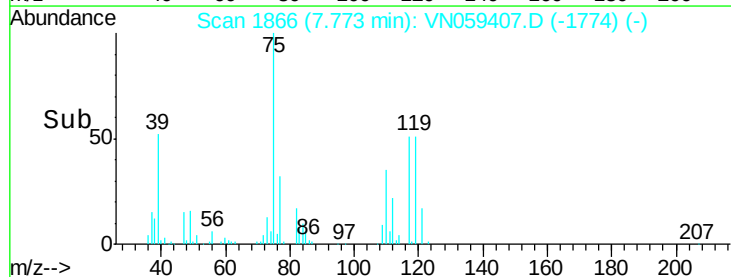
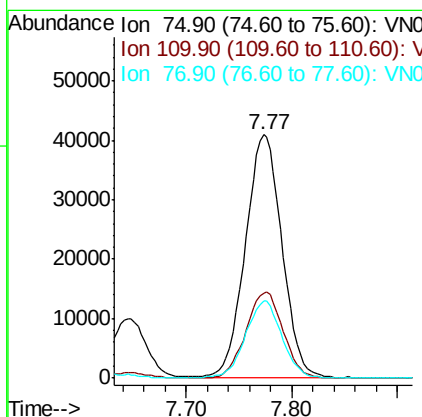
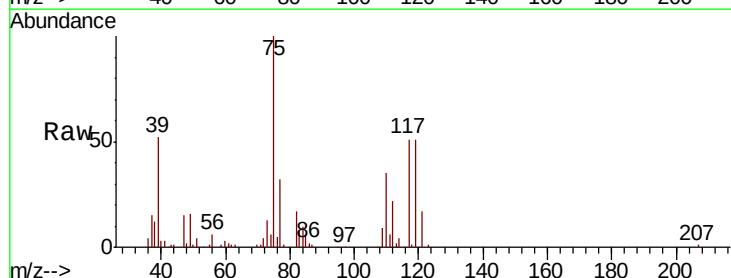
RT: 7.77 min Scan# 1866

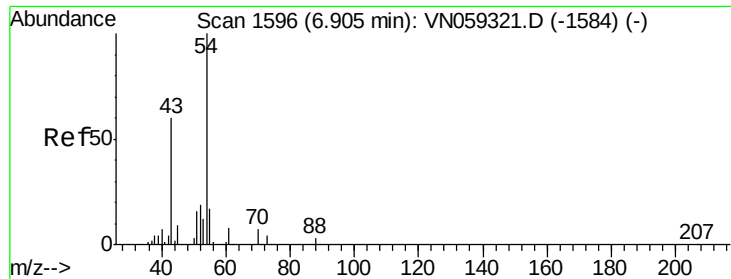
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	75	Resp:	99431
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.0	51.0
77	31.5	24.8	37.2





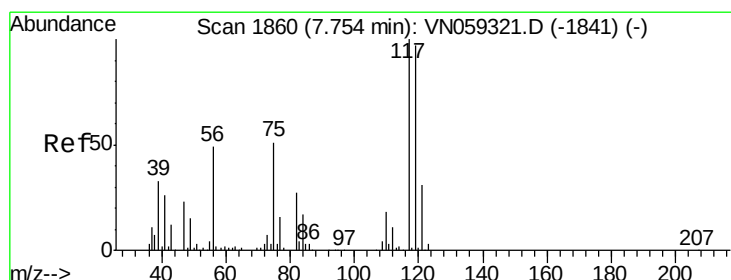
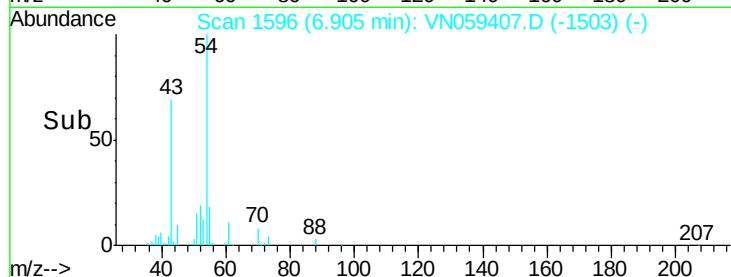
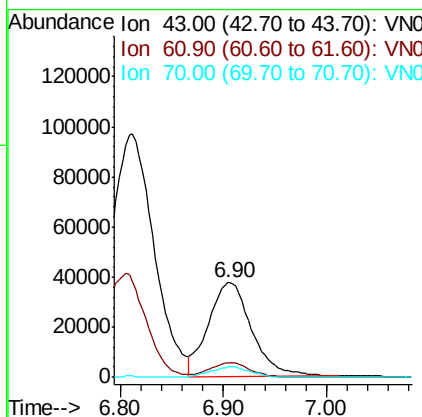
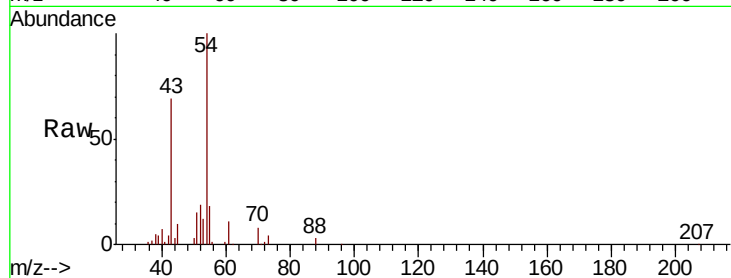
#37
Ethyl Acetate
Concen: 19.866 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.0	16.6
70	10.4	8.8	13.2

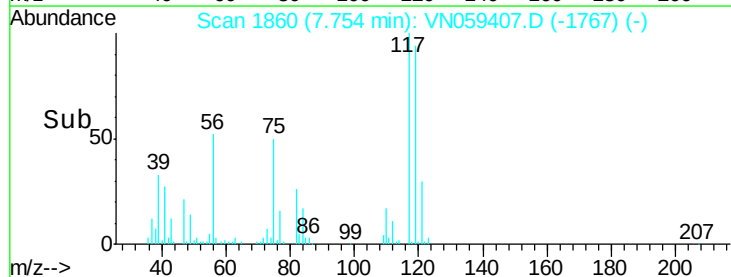
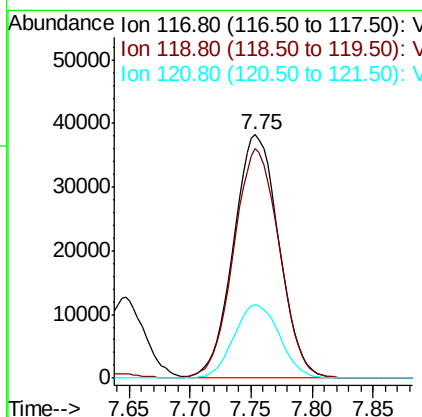
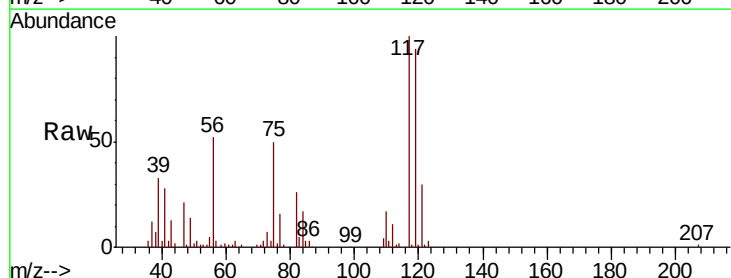
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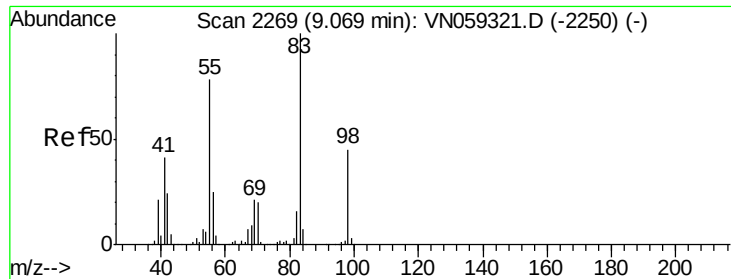
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#38
Carbon Tetrachloride
Concen: 20.194 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.4
121	30.3	24.4	36.6





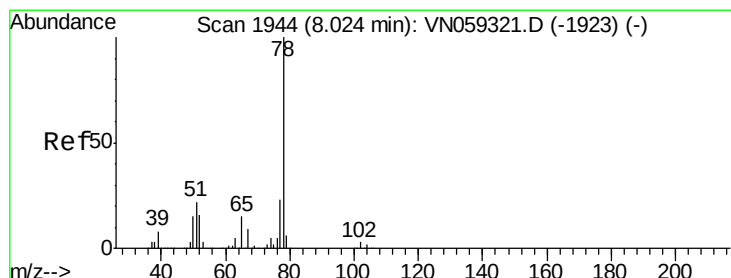
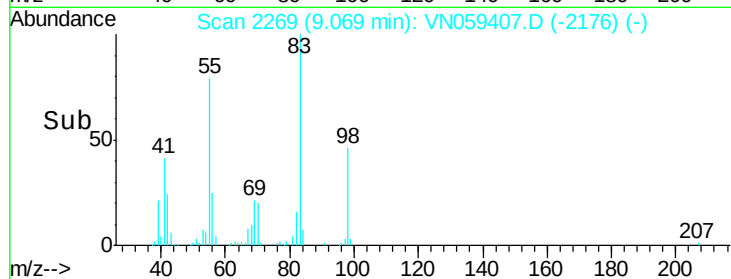
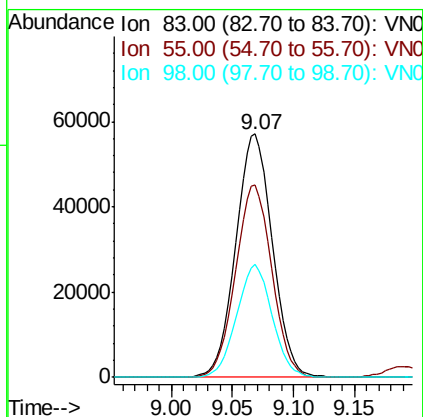
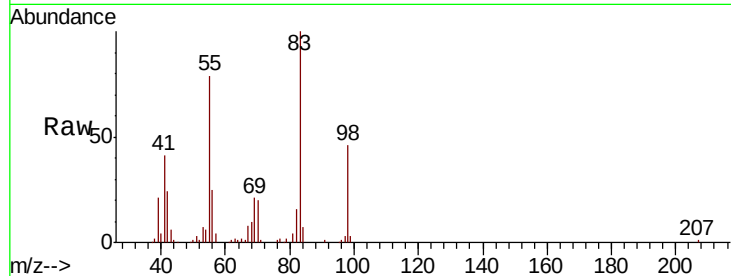
#39
Methylvlcyclohexane
Concen: 19.287 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.0	62.3	93.5	
98	46.2	36.0	54.0	

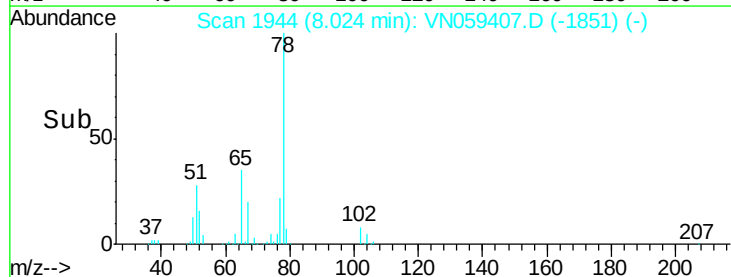
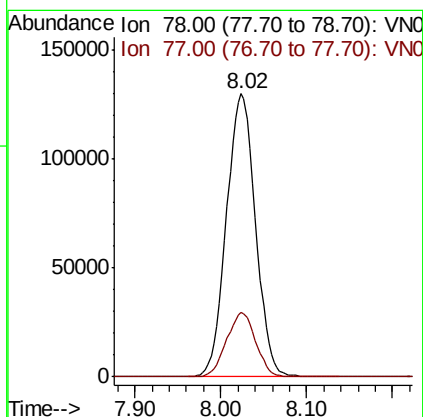
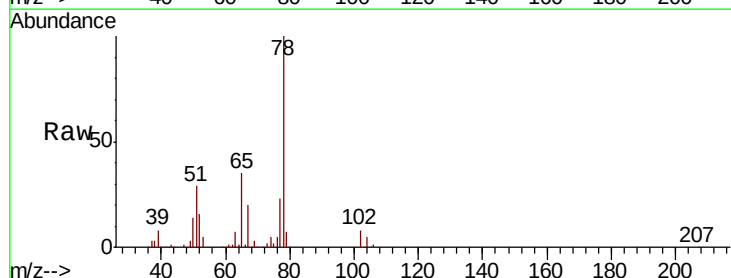
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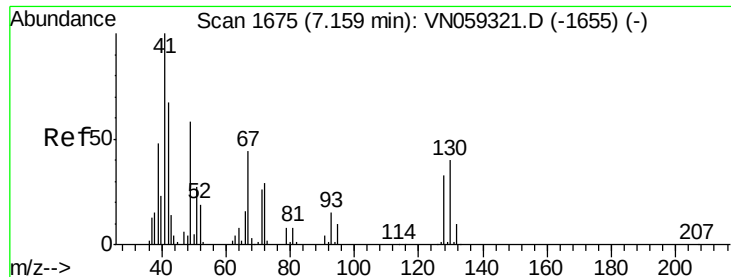
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#40
Benzene
Concen: 20.330 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	18.4	27.6	





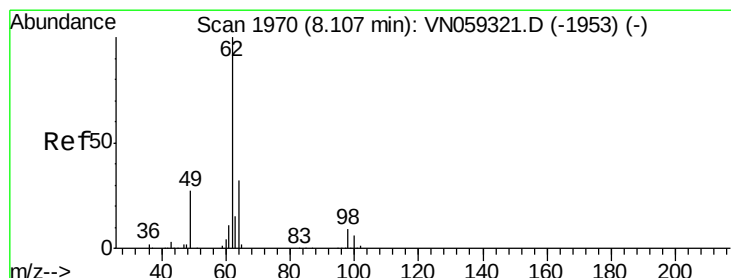
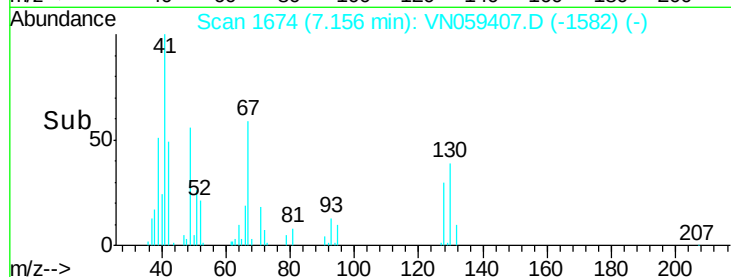
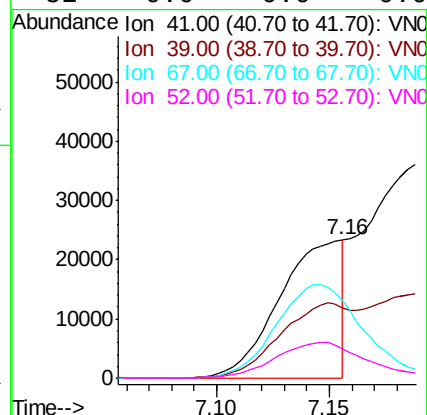
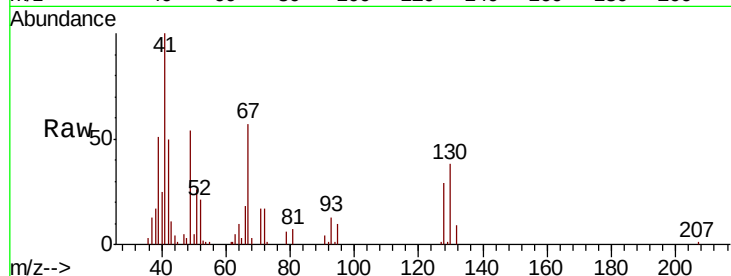
#41
Methacrylonitrile
Concen: 18.680 ug/l m
RT: 7.16 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

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

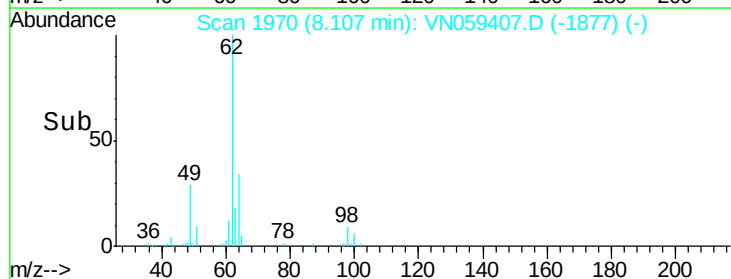
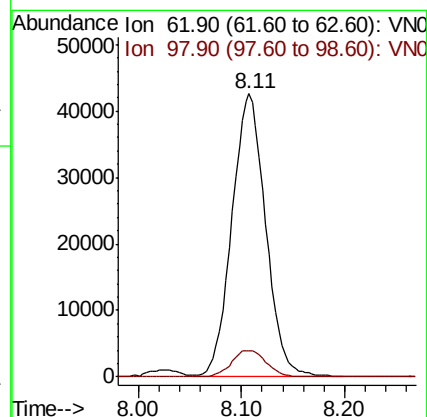
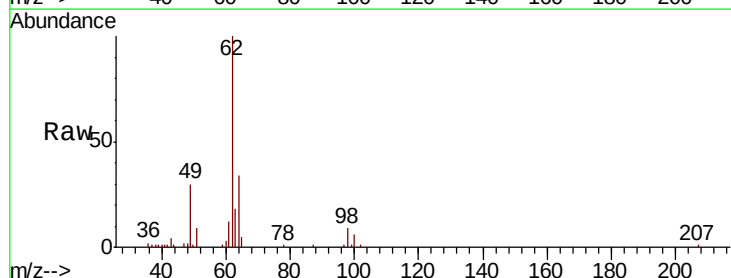
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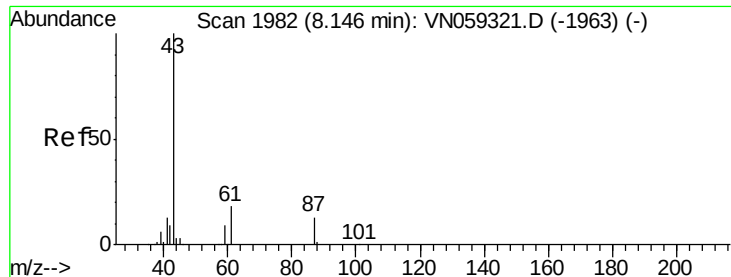
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#42
1,2-Dichloroethane
Concen: 19.613 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.6	





#43

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

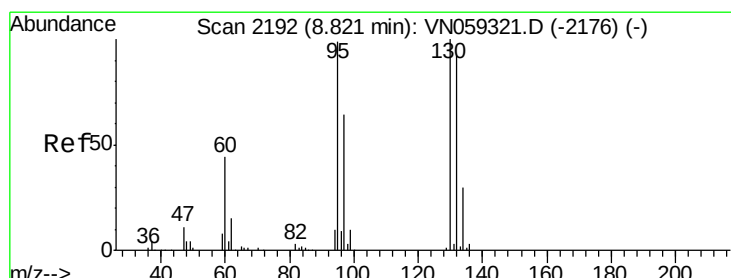
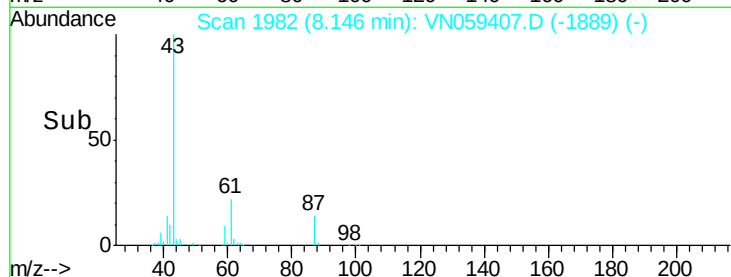
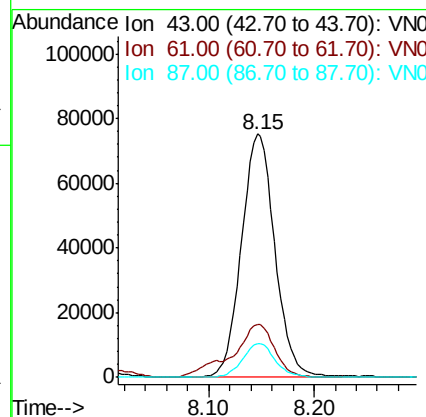
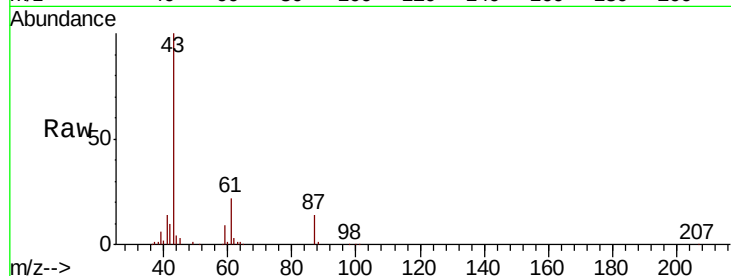
ClientSampleId :

VN1126WBSD01

Tot Ion:	43	Resp:	165663
Ion	Ratio	Lower	Upper
43	100		
61	27.9	21.7	32.5
87	13.6	10.2	15.4

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#44

Trichloroethene

Concen: 20.012 ug/l

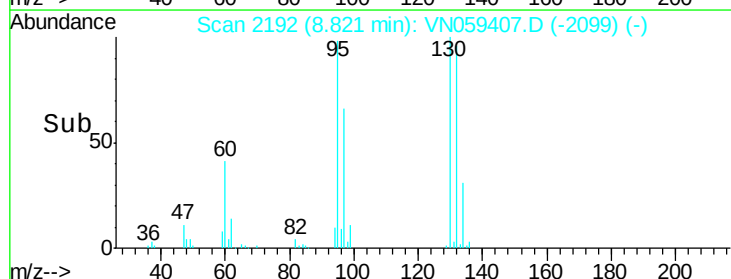
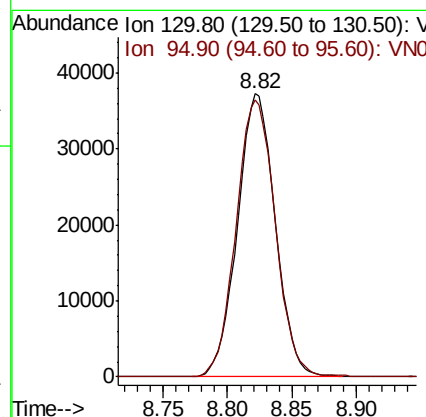
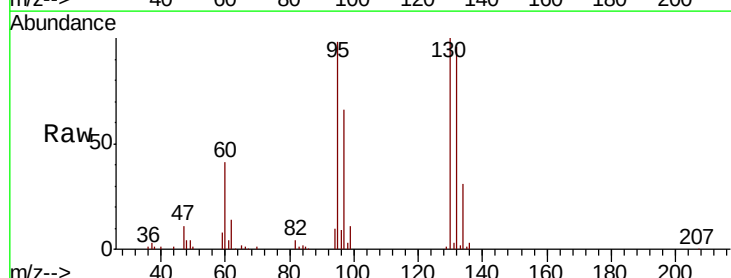
RT: 8.82 min Scan# 2192

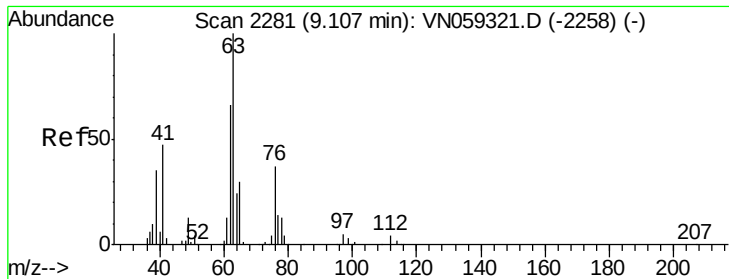
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	130	Resp:	75902
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	198.4





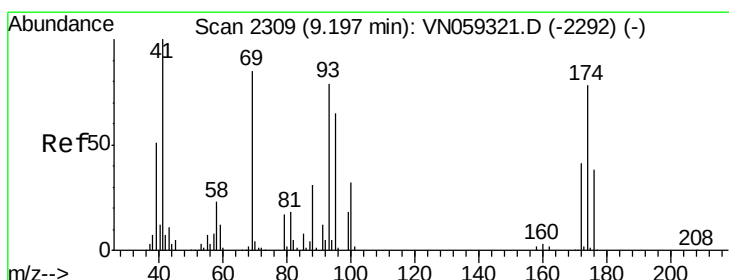
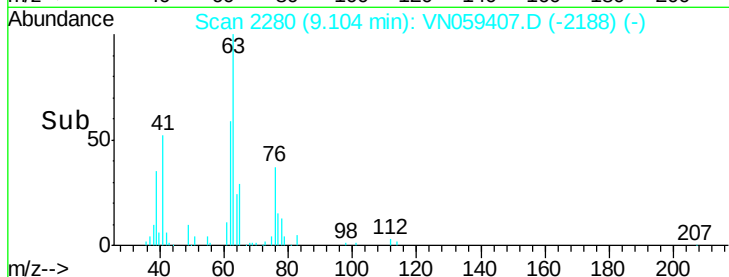
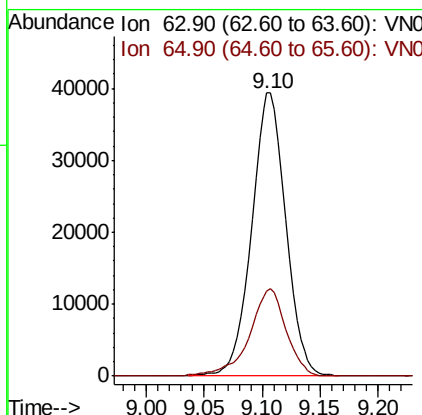
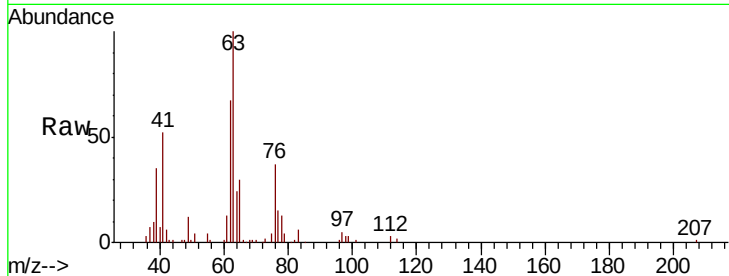
#45
 1,2-Dichloropropane
 Concen: 20.217 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion: 63 Resp: 80677
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.9 35.9

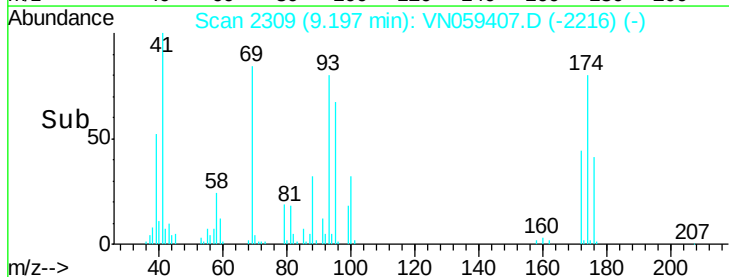
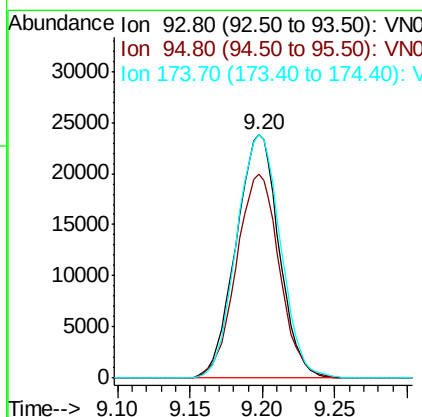
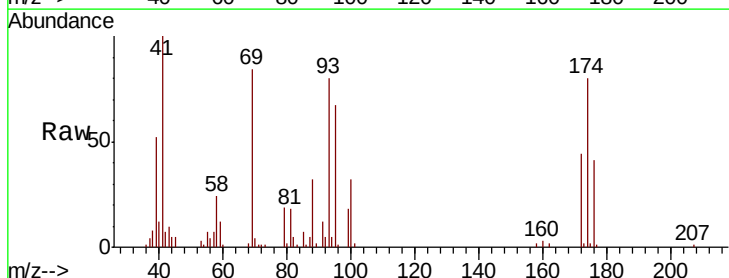
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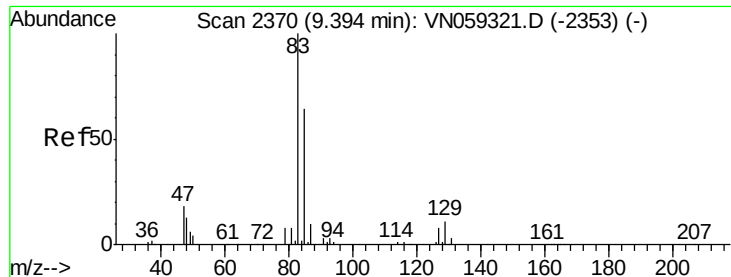
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#46
 Dibromomethane
 Concen: 20.029 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion: 93 Resp: 49027
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.9 100.3
 174 102.2 80.6 120.8





#47

Bromodichloromethane

Concen: 20.315 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

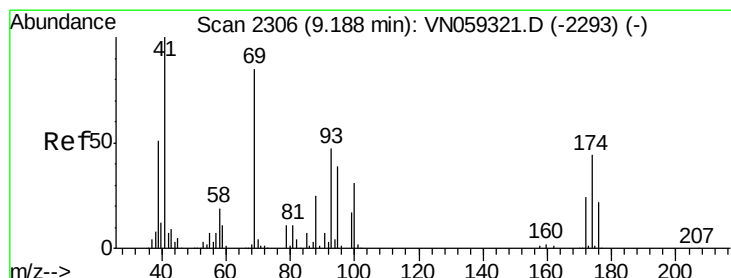
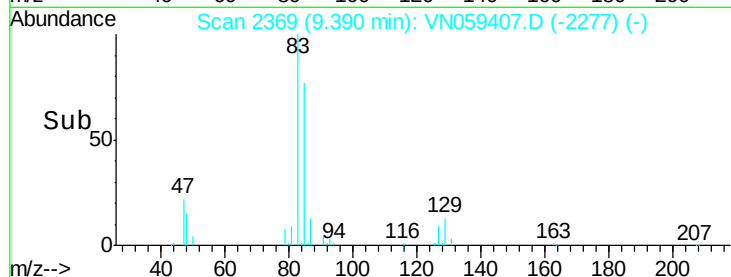
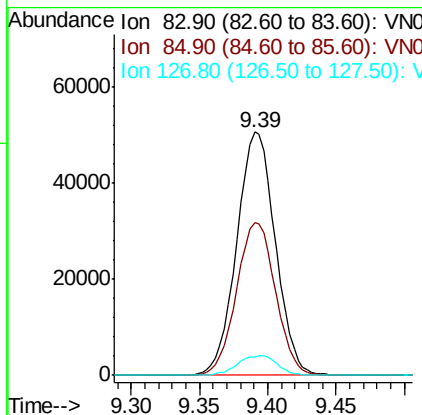
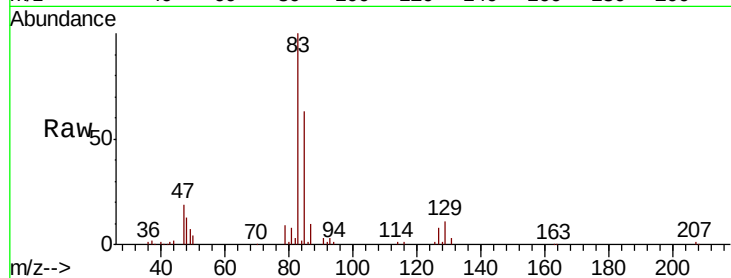
ClientSampleId :

VN1126WBSD01

Tot Ion:	83	Resp:	99590
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3
127	7.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.985 ug/l

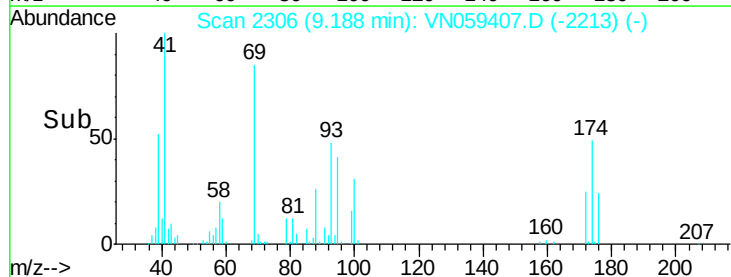
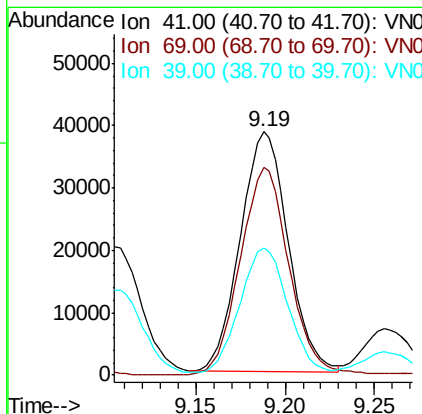
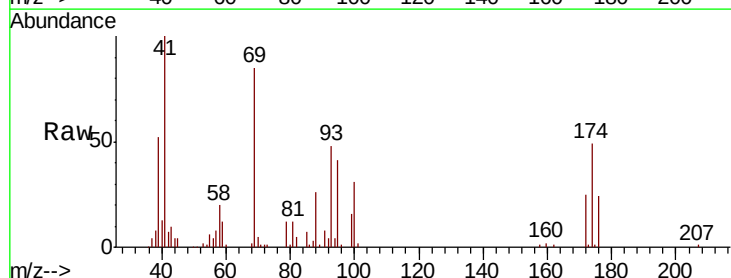
RT: 9.19 min Scan# 2306

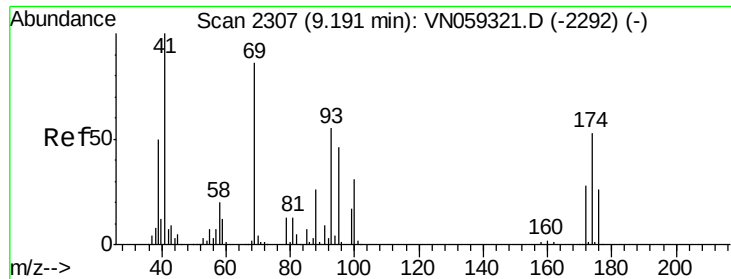
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	41	Resp:	72302
Ion	Ratio	Lower	Upper
41	100		
69	88.2	68.8	103.2
39	53.5	42.1	63.1





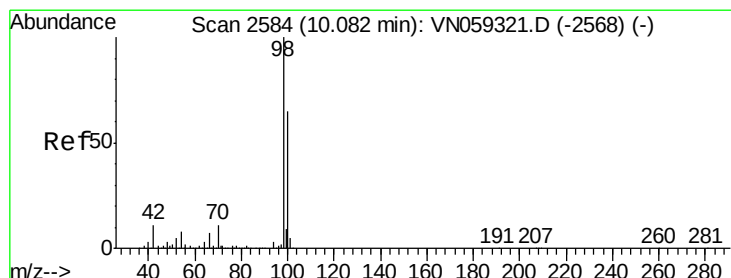
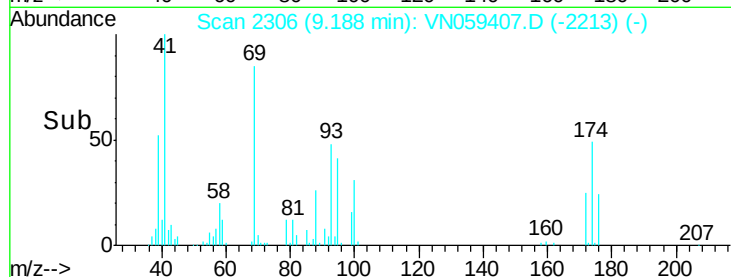
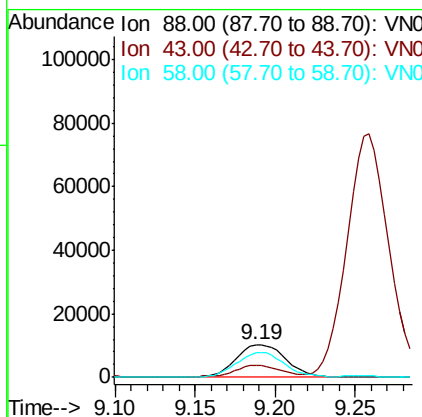
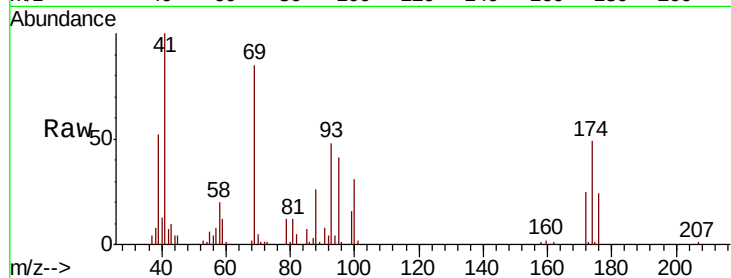
#49
1,4-Dioxane
Concen: 381.737 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	26.9	40.3
58	74.0	59.2	88.8

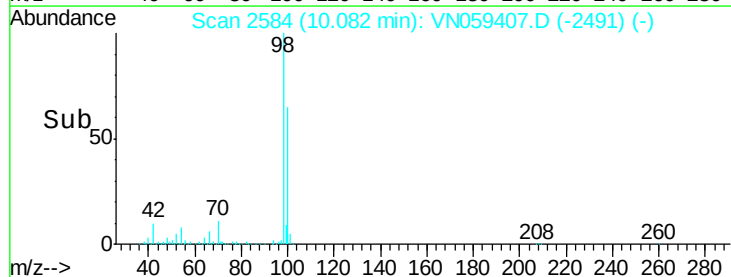
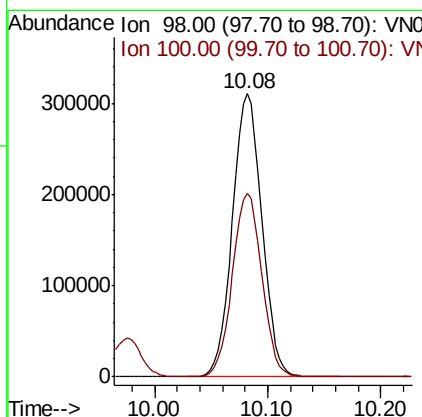
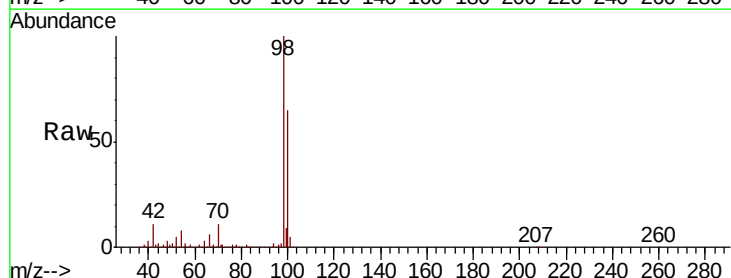
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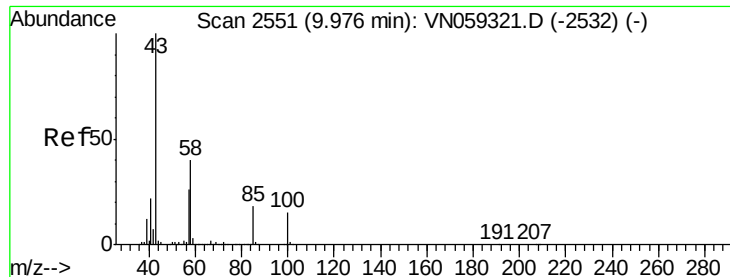
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#50
Toluene-d8
Concen: 47.901 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





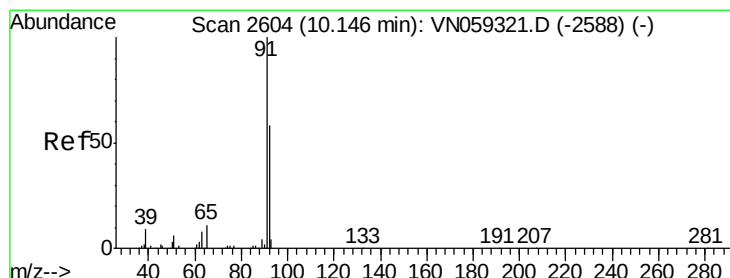
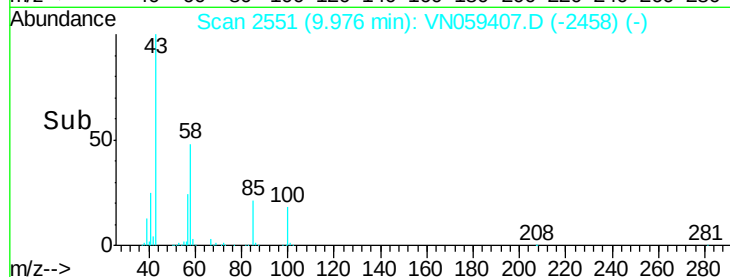
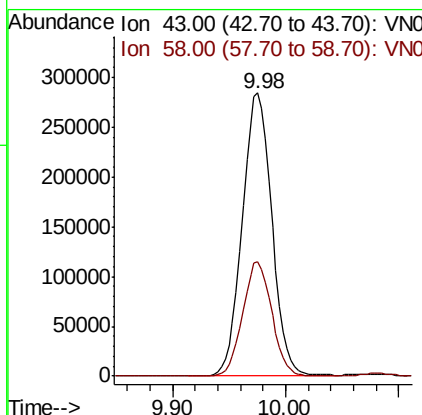
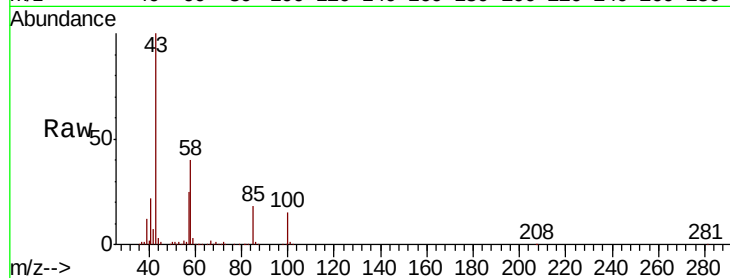
#51
4-Methyl-2-Pentanone
Concen: 105.561 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.8	47.8

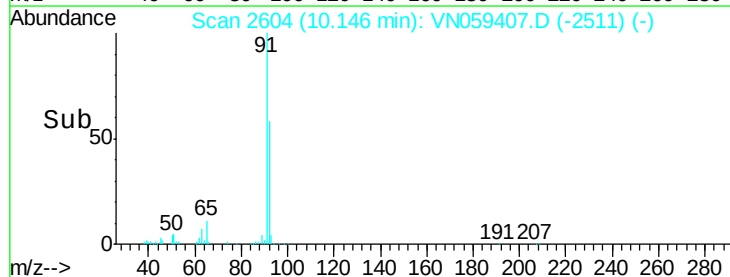
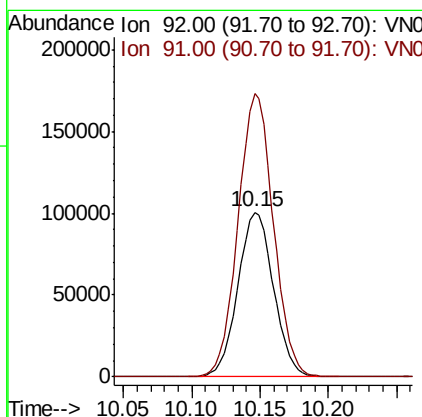
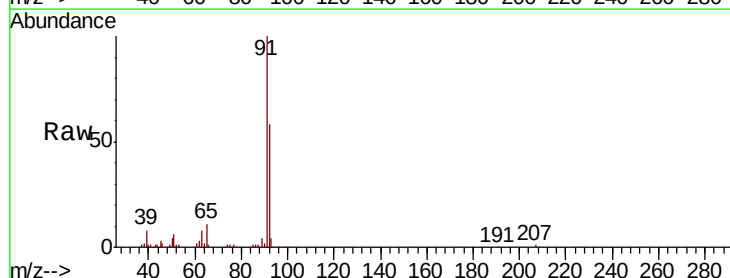
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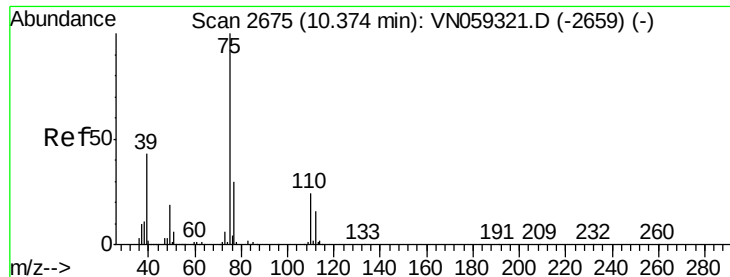
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#52
Toluene
Concen: 20.299 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.9	206.9





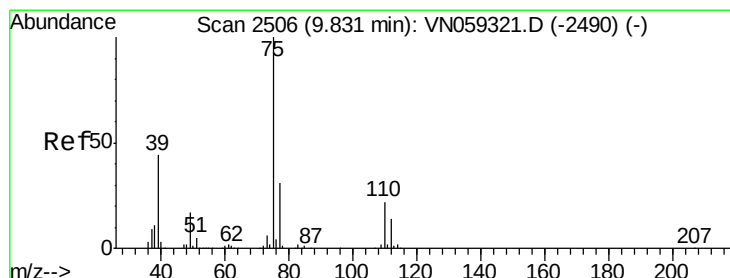
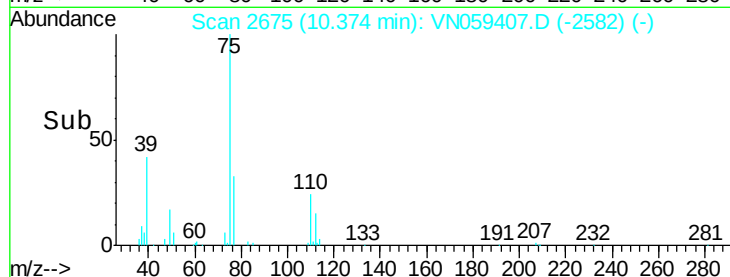
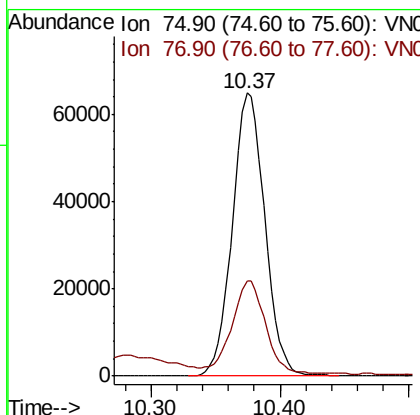
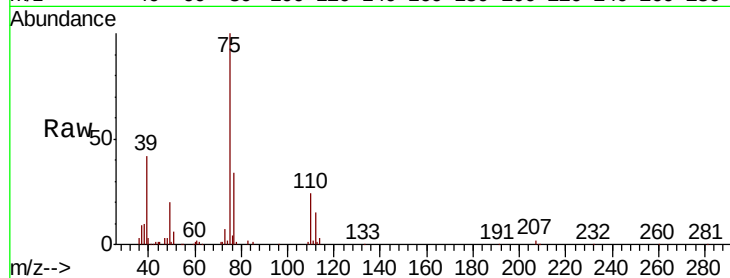
#53
t-1,3-Dichloropropene
Concen: 19.959 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3

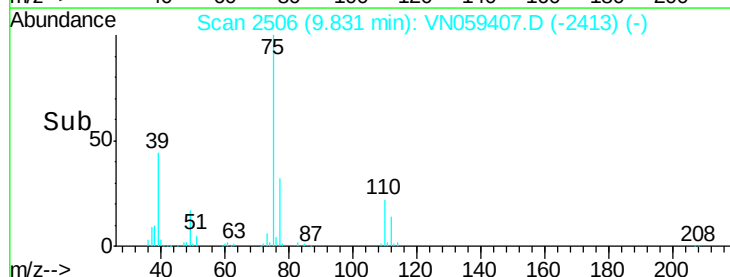
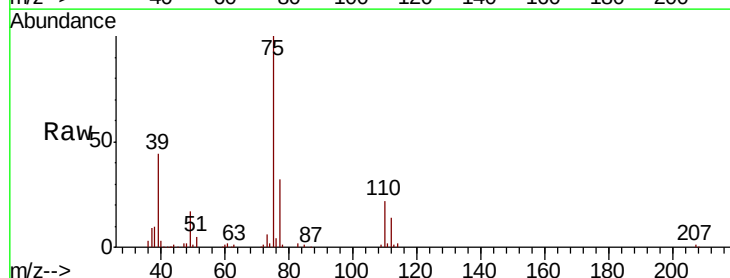
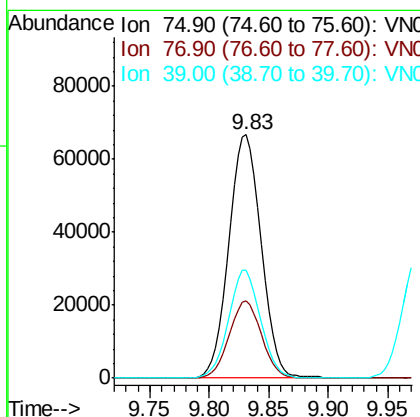
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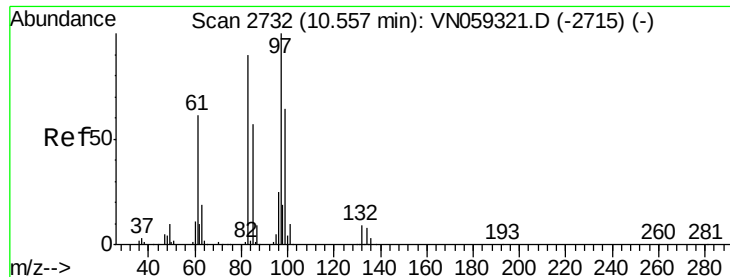
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#54
cis-1,3-Dichloropropene
Concen: 20.364 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.0	37.4
39	43.9	35.5	53.3





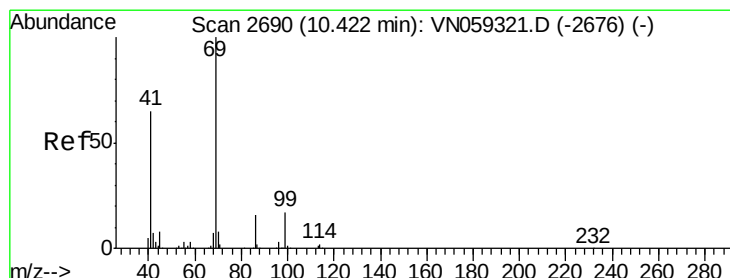
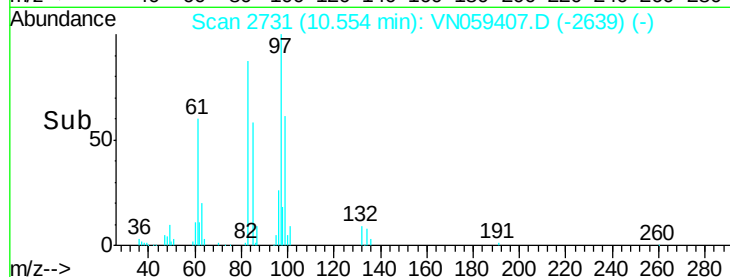
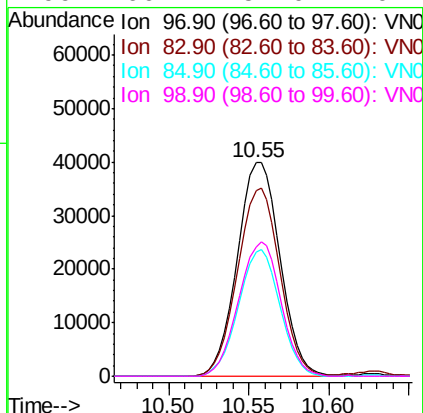
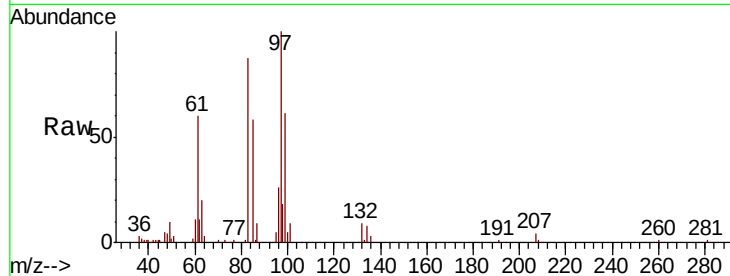
#55
 1,1,2-Trichloroethane
 Concen: 20.836 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion:	97	Resp:	72898
Ion	Ratio	Lower	Upper
97	100		
83	87.0	72.0	108.0
85	57.9	45.8	68.6
99	60.7	51.0	76.4

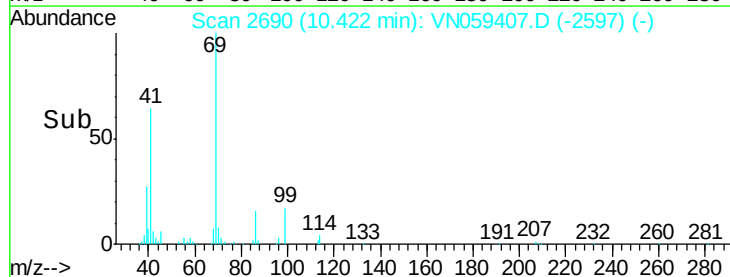
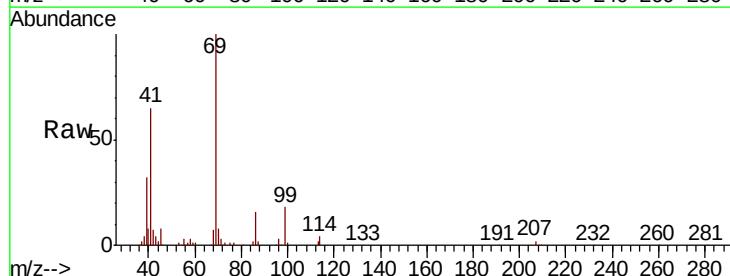
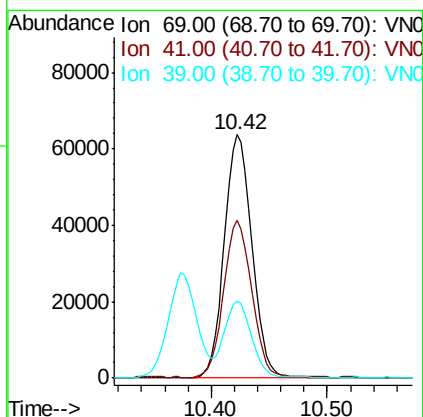
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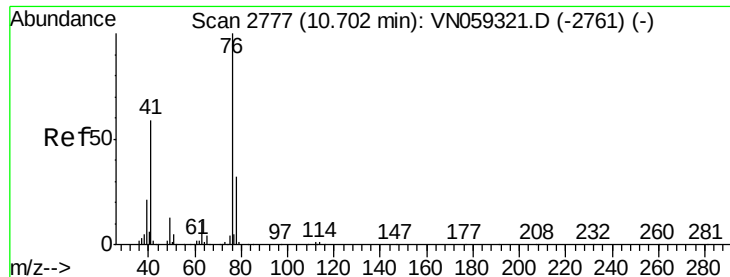
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#56
 Ethyl methacrylate
 Concen: 19.190 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion:	69	Resp:	105045
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.7	77.5
39	30.7	25.2	37.8





#57

1,3-Dichloropropane

Concen: 20.499 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion: 76 Resp: 125004

Ion Ratio Lower Upper

76 100

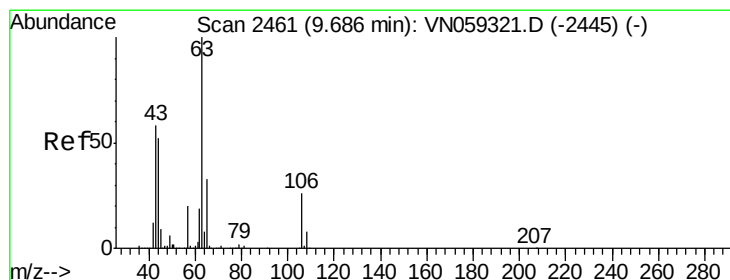
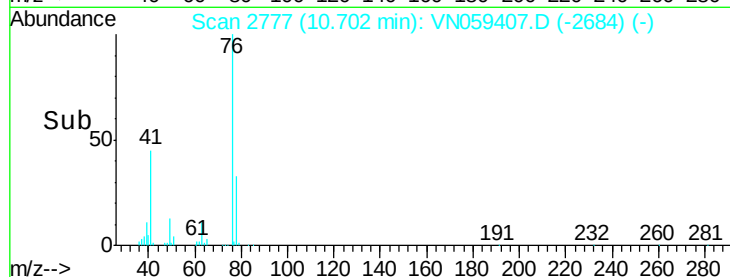
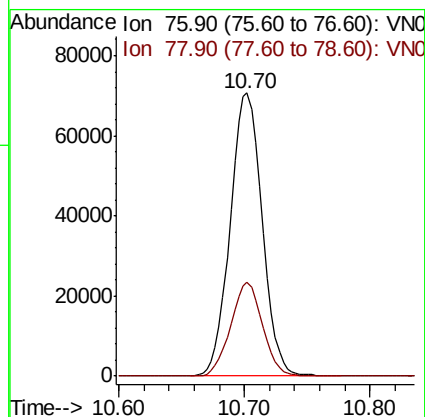
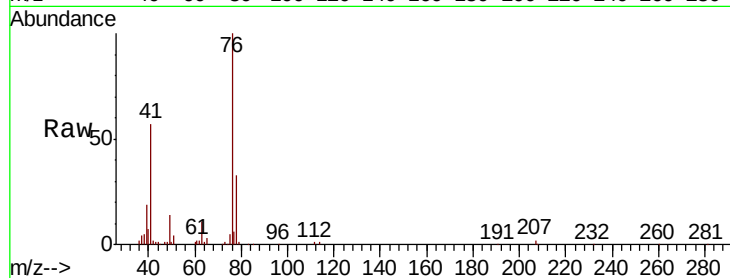
78 33.1 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 93.165 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059407.D

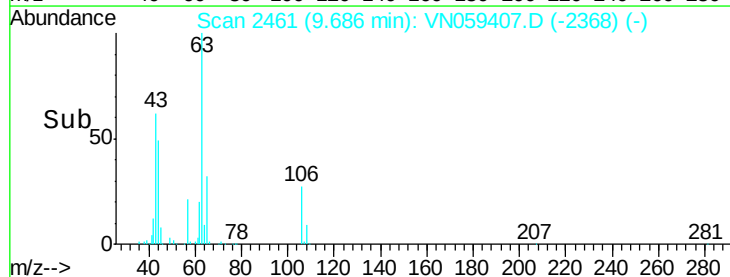
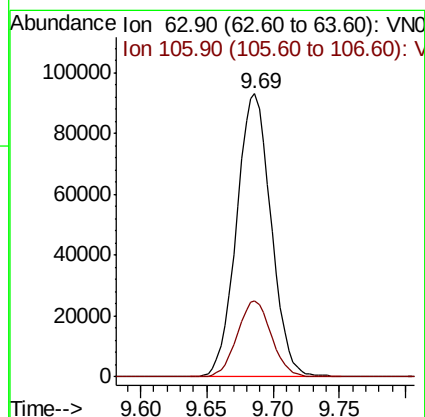
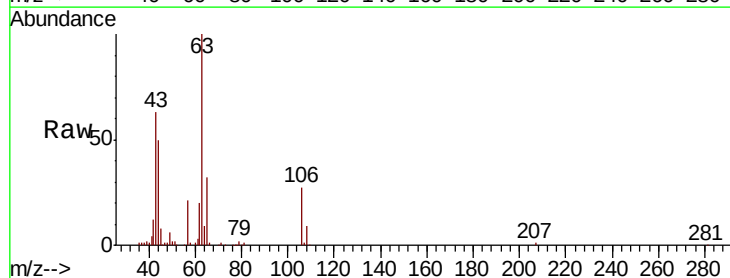
Acq: 26 Nov 2019 15:30

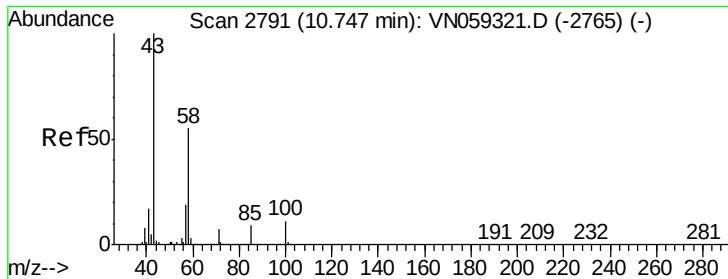
Tgt Ion: 63 Resp: 167955

Ion Ratio Lower Upper

63 100

106 26.5 20.5 30.7





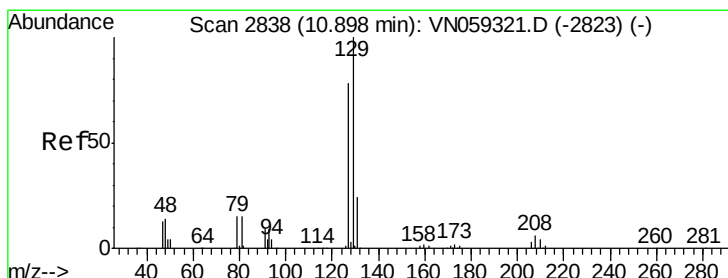
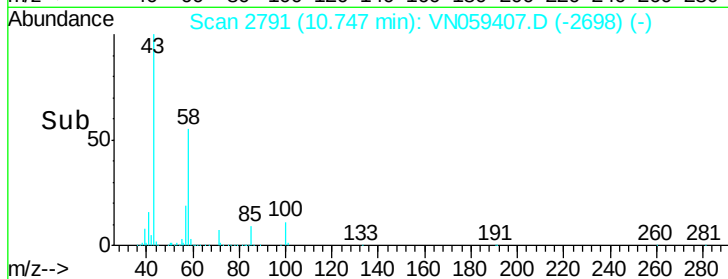
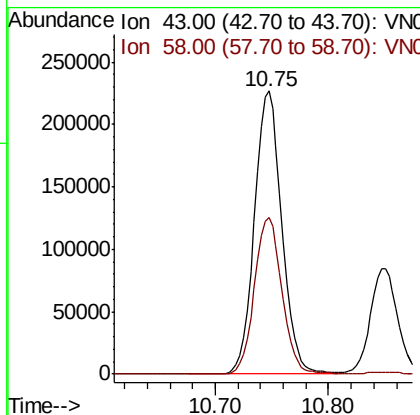
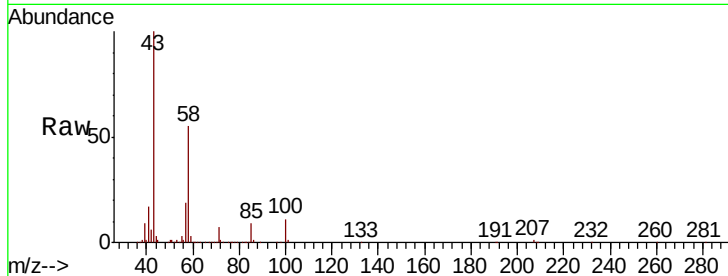
#59
2-Hexanone
Concen: 105.727 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampled :
VN1126WBSD01

Tot Ion: 43 Resp: 379505
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.0

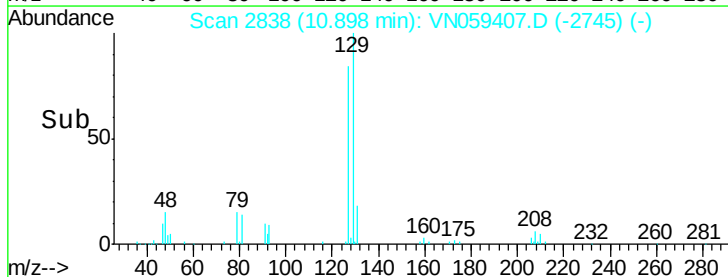
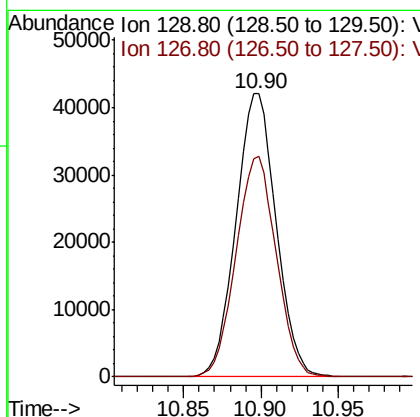
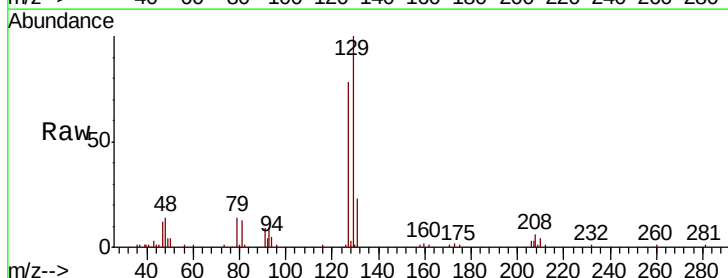
Manual Integrations
APPROVED

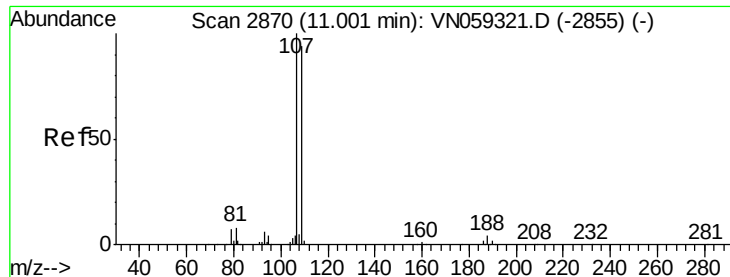
apatel
11/27/2019 10:51:00 AM



#60
Dibromochloromethane
Concen: 20.568 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion: 129 Resp: 75829
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





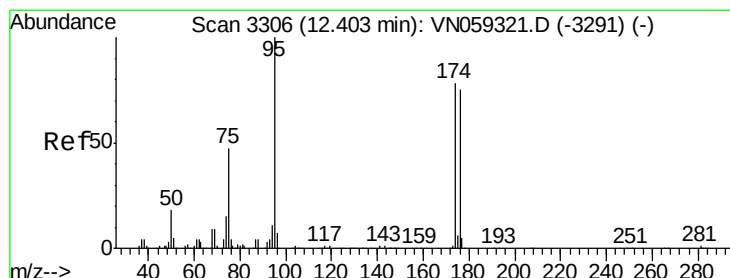
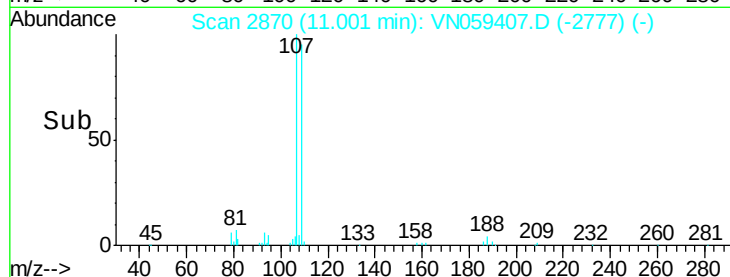
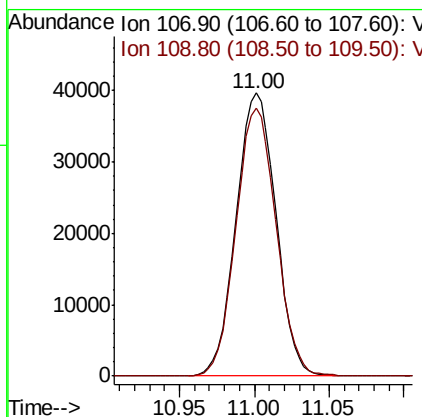
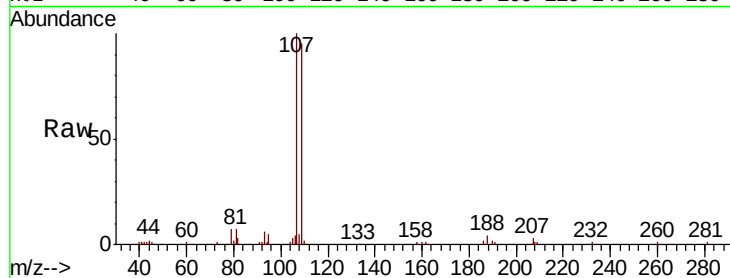
#61
 1,2-Dibromoethane
 Concen: 20.190 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion: 107 Resp: 73500
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.4 113.2

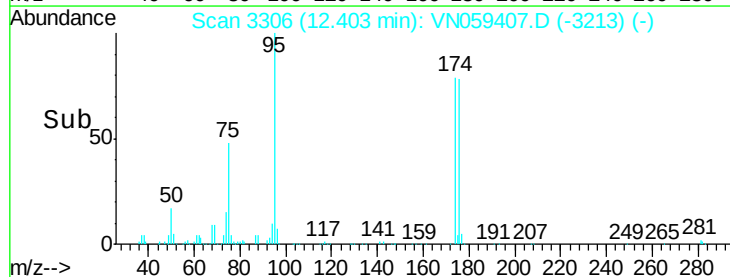
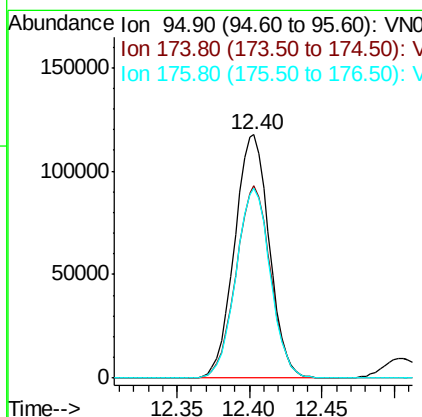
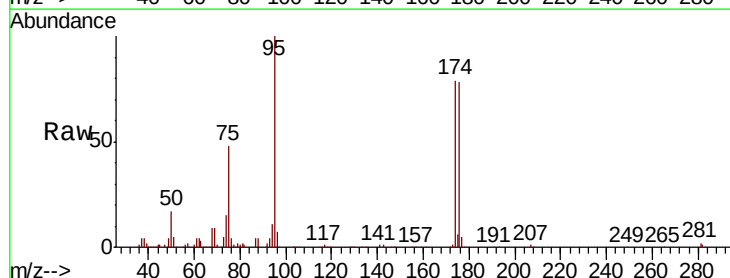
Manual Integrations
 APPROVED

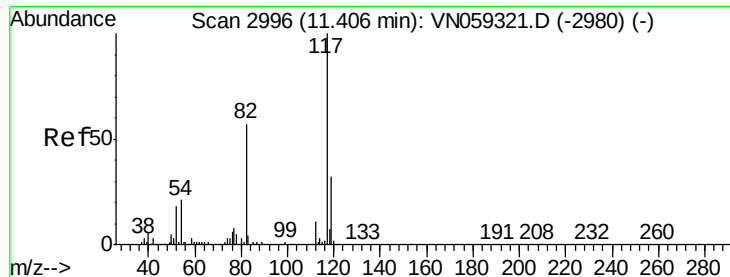
apatel
 11/27/2019 10:51:00 AM



#62
 4-Bromofluorobenzene
 Concen: 47.495 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion: 95 Resp: 195629
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 157.4
 176 77.2 0.0 151.2





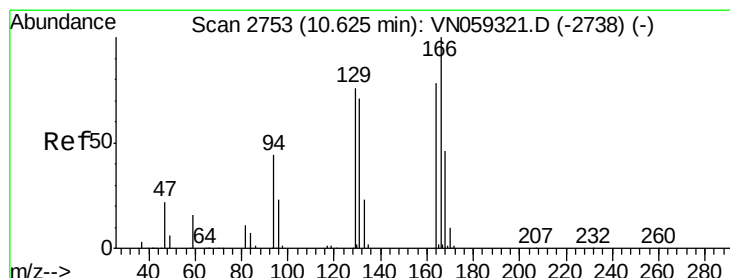
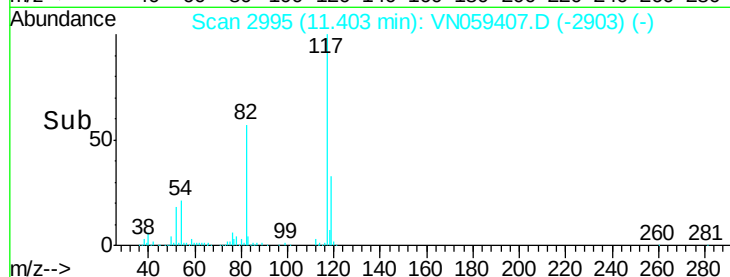
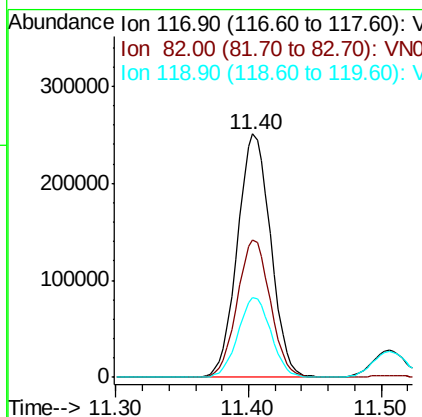
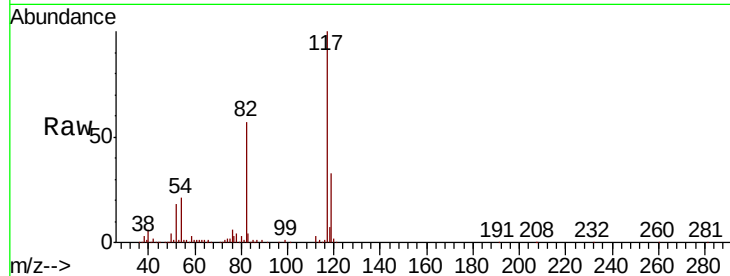
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.7	68.5
119	32.5	25.8	38.6

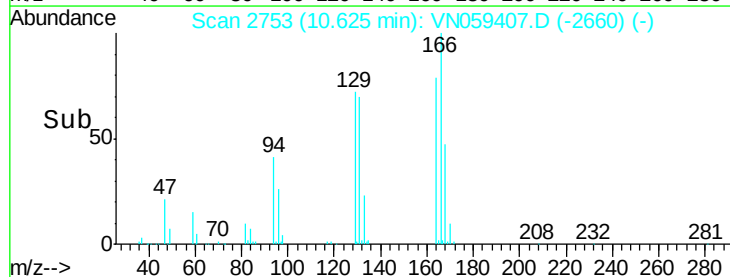
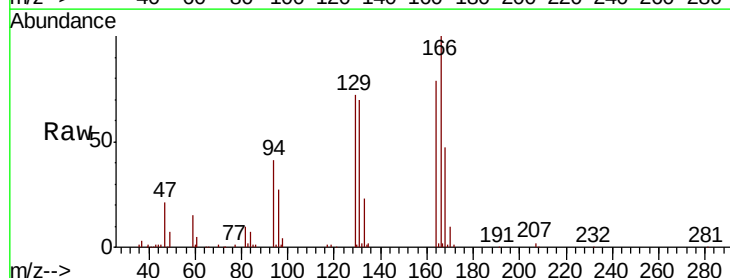
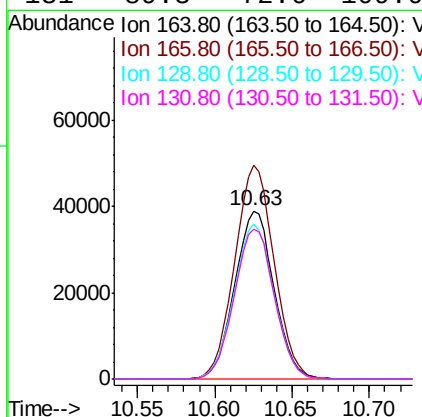
Manual Integrations
APPROVED

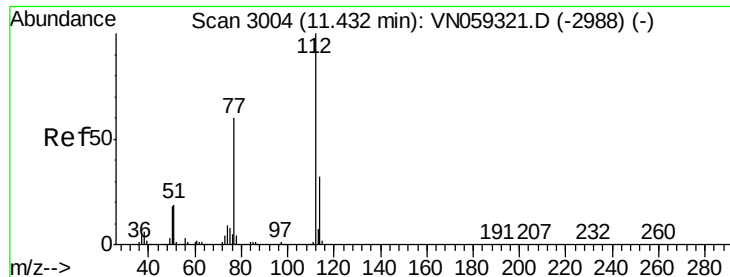
apatel
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#64
Tetrachloroethene
Concen: 20.360 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.9	154.3
129	92.0	78.2	117.2
131	89.3	72.6	109.0





#65

Chlorobenzene

Concen: 20.262 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:112 Resp: 190284

Ion Ratio Lower Upper

112 100

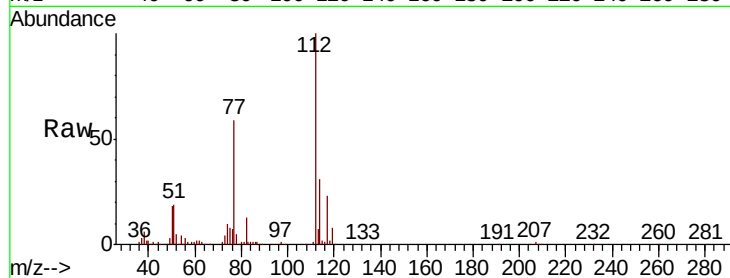
114 31.3 25.8 38.6

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

120000

100000

80000

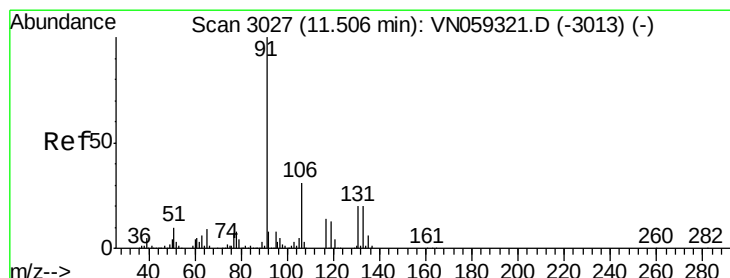
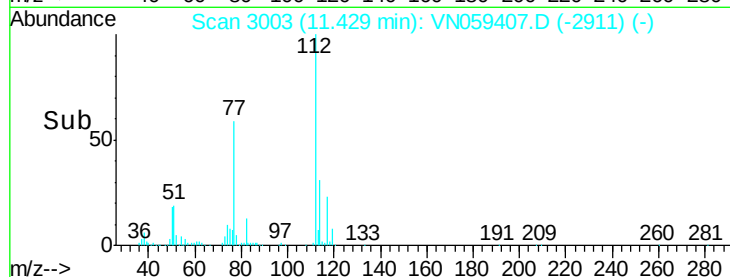
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.825 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

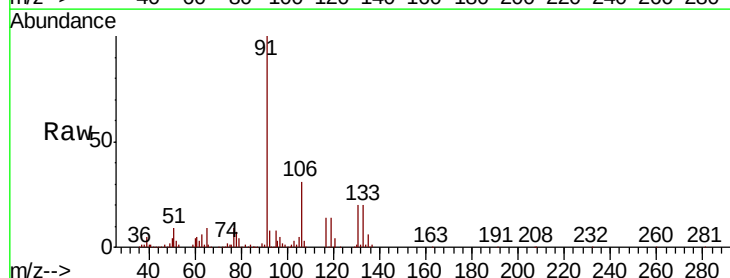
Tgt Ion:131 Resp: 71049

Ion Ratio Lower Upper

131 100

133 97.0 48.2 144.6

119 67.5 33.6 100.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

60000

50000

40000

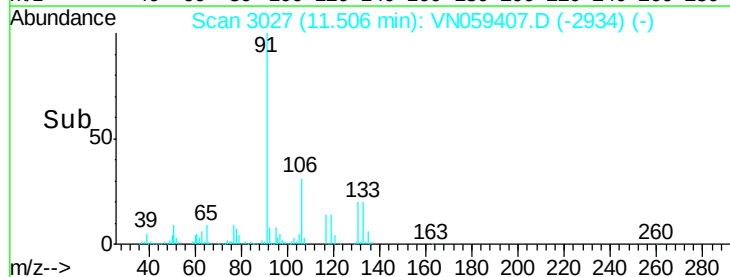
30000

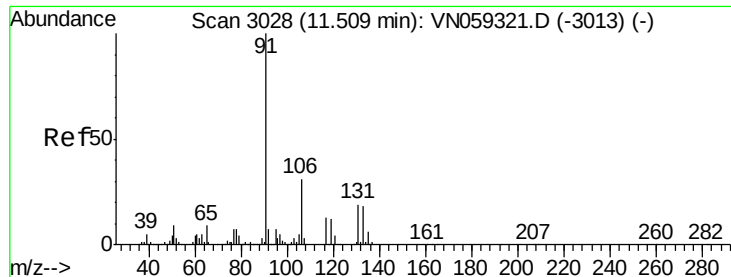
20000

10000

0

Time-->





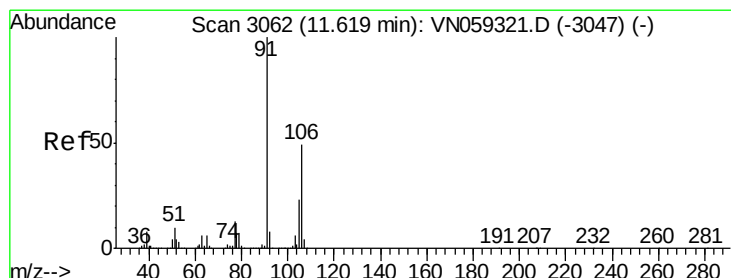
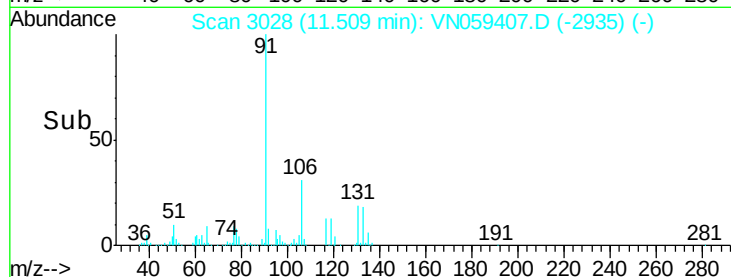
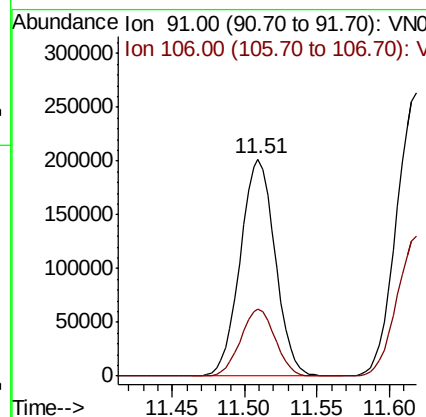
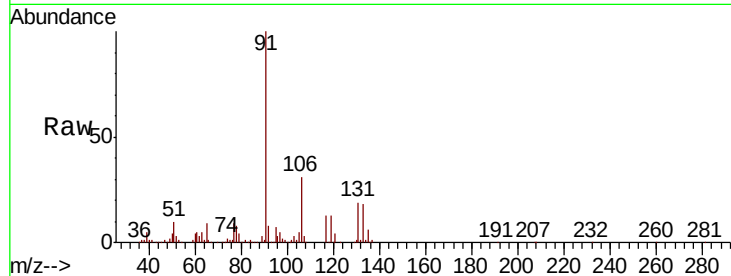
#67
Ethyl Benzene
Concen: 20.191 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion: 91 Resp: 338556
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

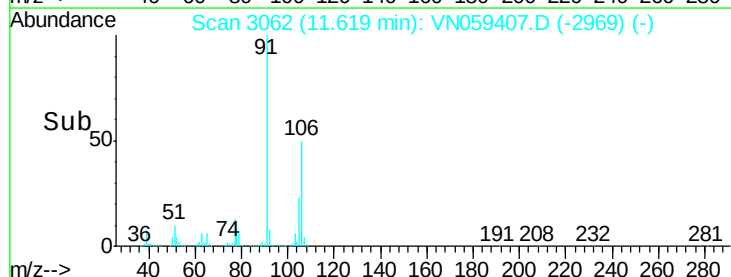
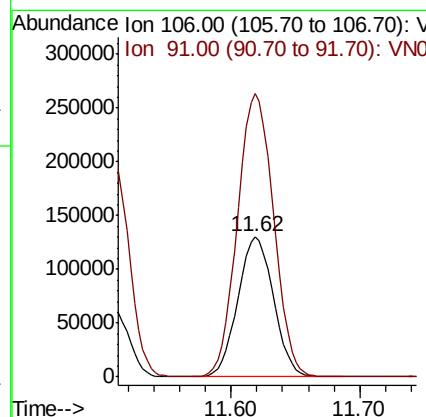
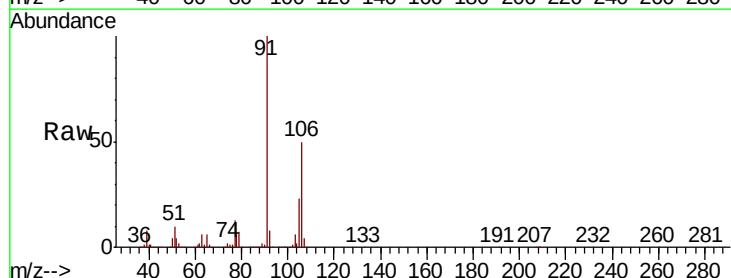
Manual Integrations
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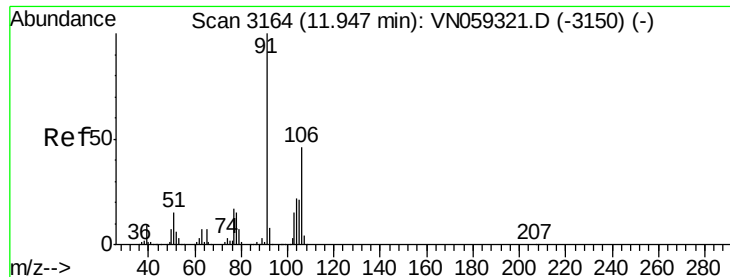
apatel
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#68
m/p-Xylenes
Concen: 40.262 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion: 106 Resp: 250856
Ion Ratio Lower Upper
106 100
91 204.7 163.2 244.8





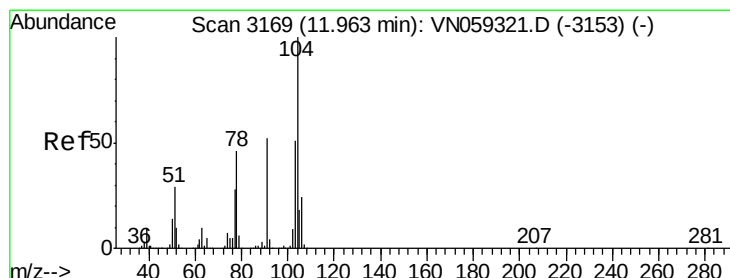
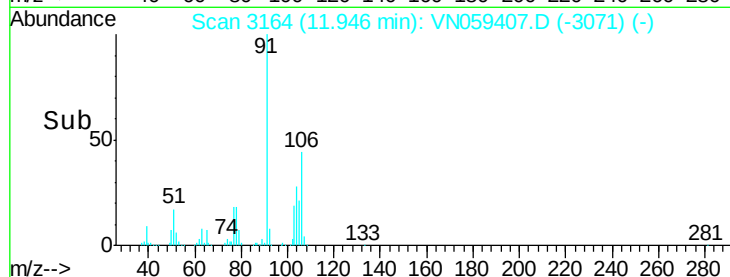
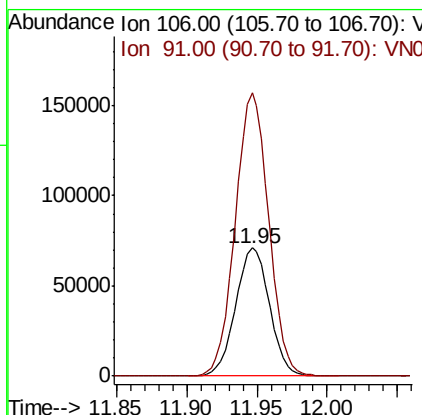
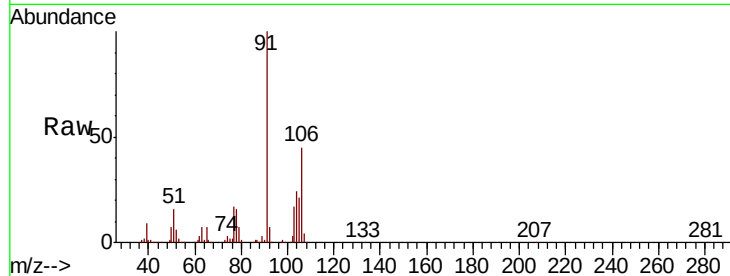
#69
o-Xylene
Concen: 20.110 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampled :
VN1126WBSD01

Tot Ion:106 Resp: 119952
Ion Ratio Lower Upper
106 100
91 217.3 109.3 327.9

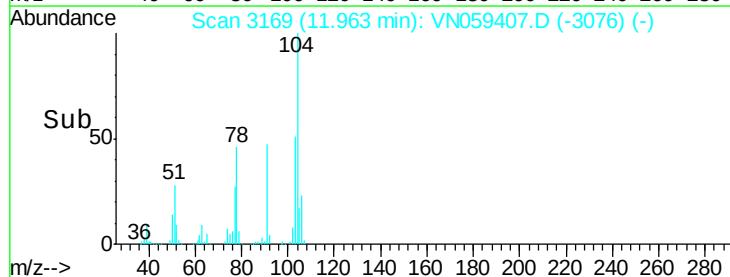
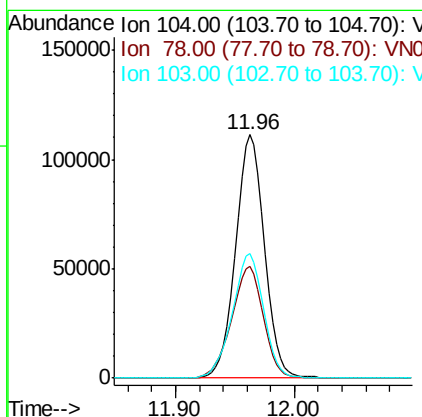
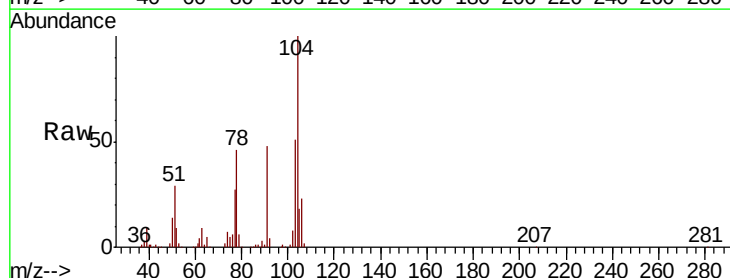
Manual Integrations
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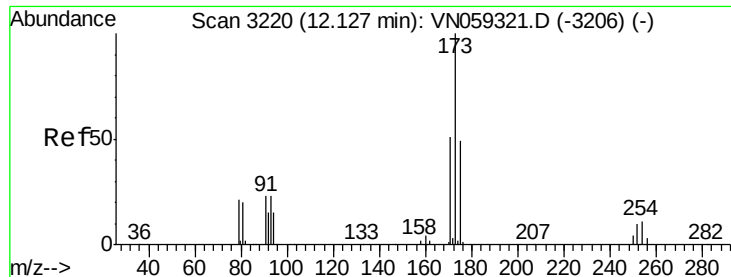
apatel
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#70
Styrene
Concen: 19.893 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion:104 Resp: 187229
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 55.6 43.6 65.4





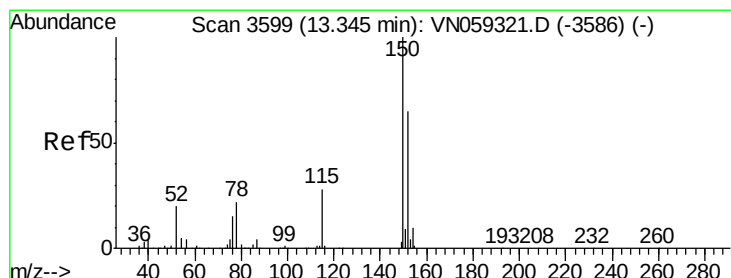
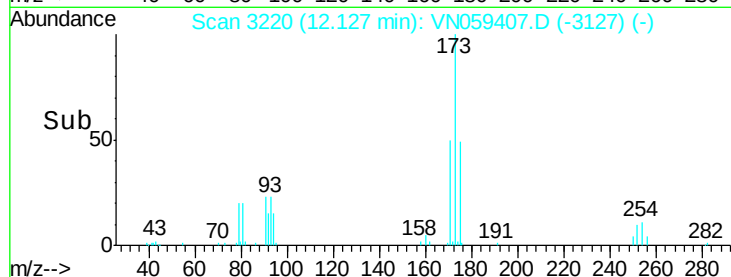
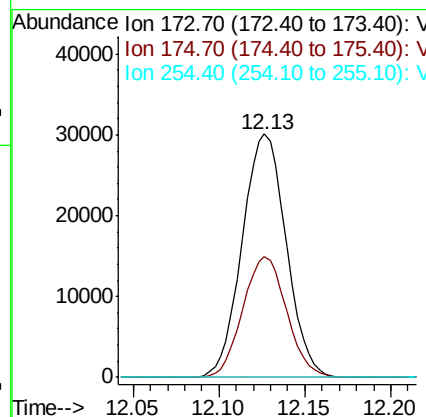
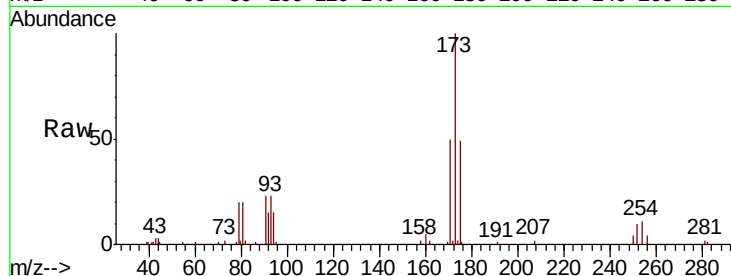
#71
Bromoform
Concen: 20.632 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.6	73.6
254	0.0	0.1	0.1#

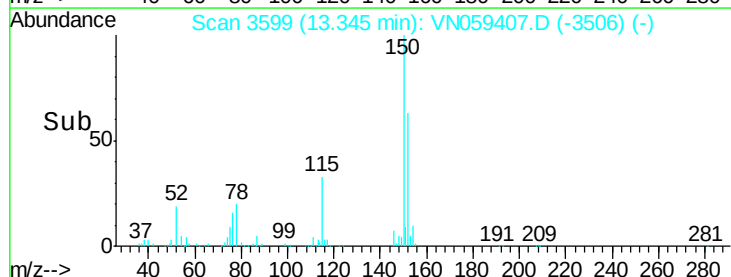
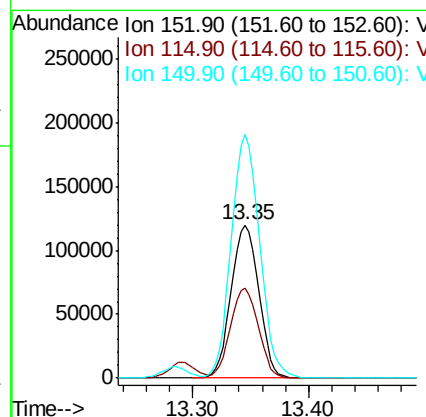
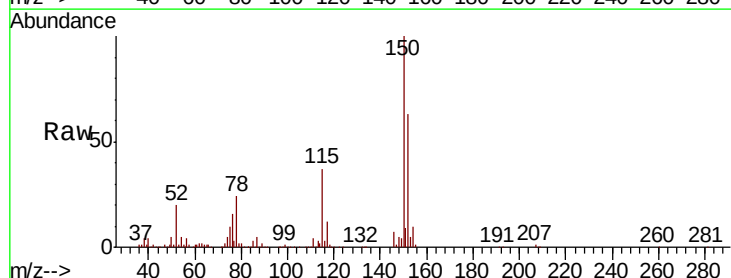
Manual Integrations
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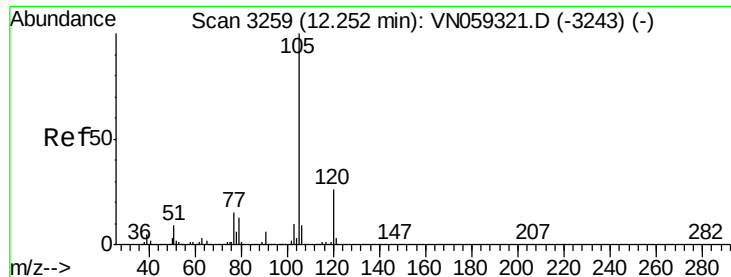
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.3	88.0
150	163.6	0.0	346.0





#73

Isopropylbenzene

Concen: 20.192 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:105 Resp: 327020

Ion Ratio Lower Upper

105 100

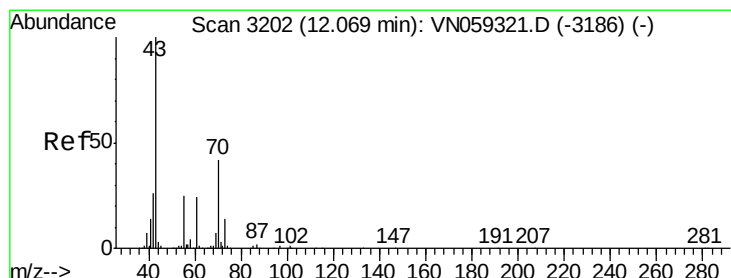
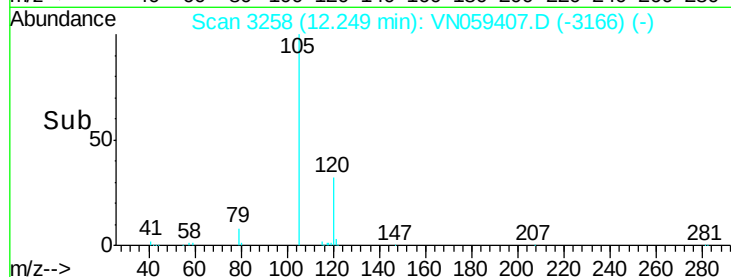
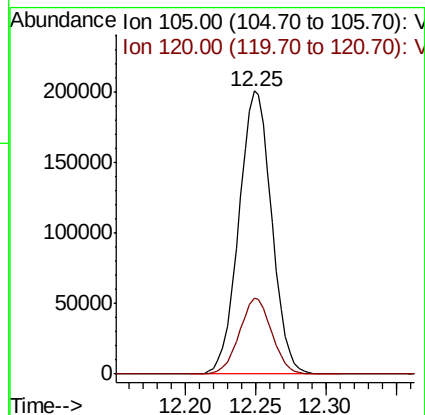
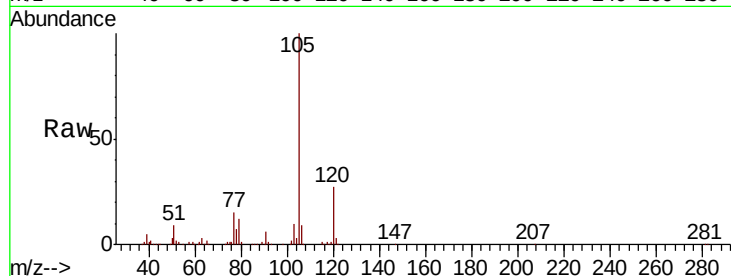
120 26.4 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.625 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion: 43 Resp: 121229

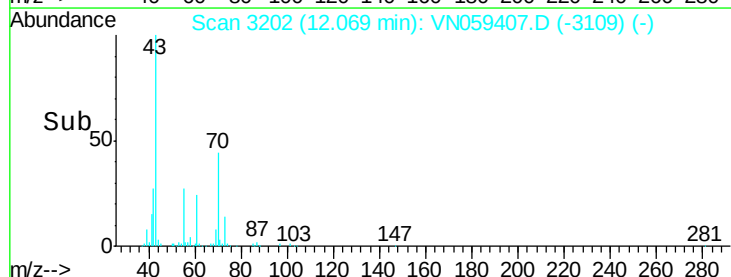
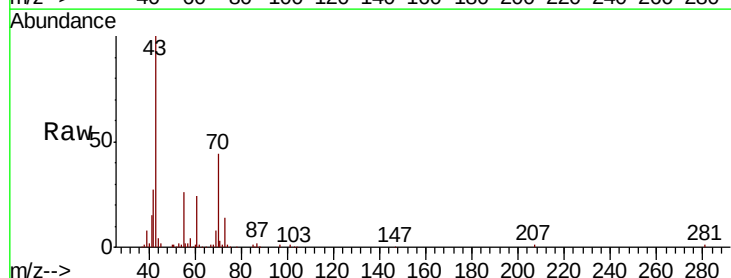
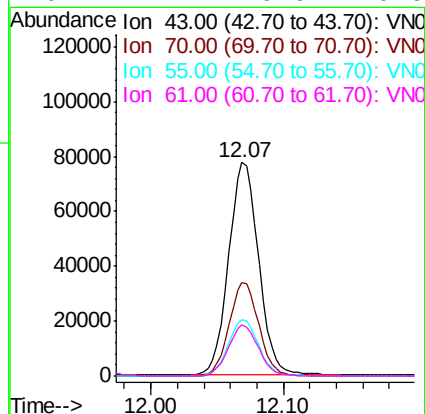
Ion Ratio Lower Upper

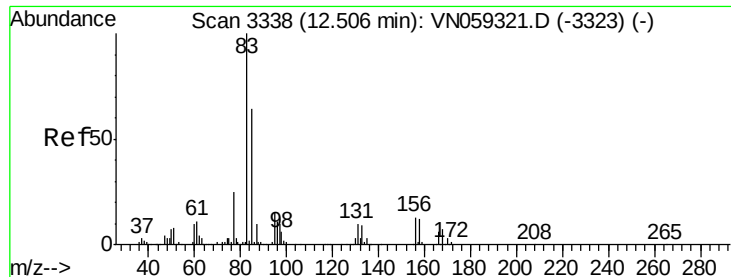
43 100

70 43.6 33.8 50.6

55 27.0 20.3 30.5

61 24.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.996 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

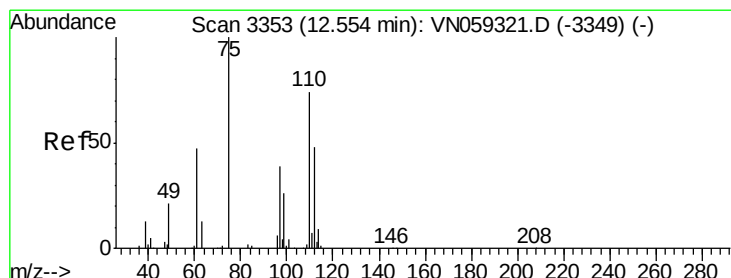
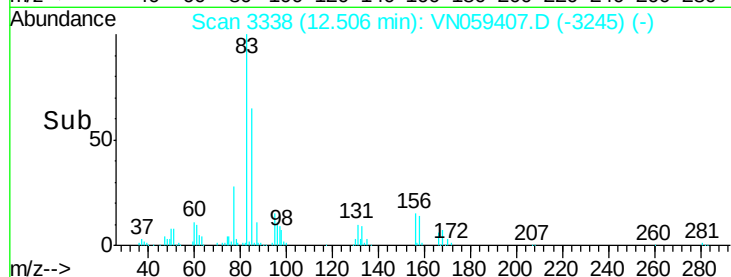
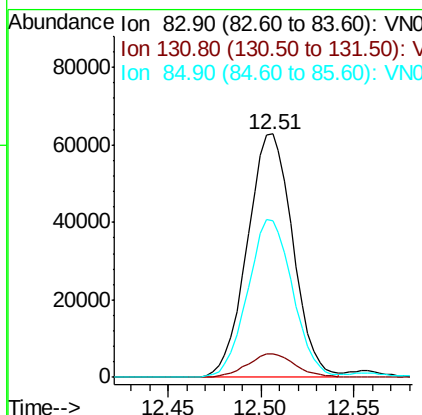
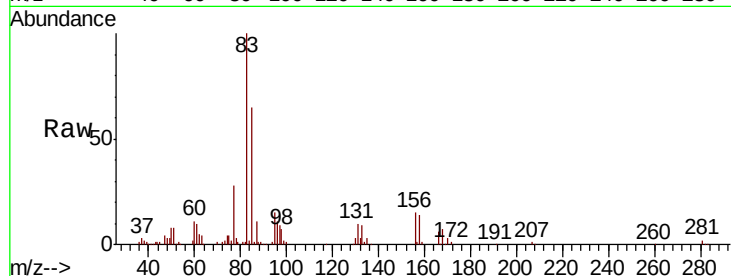
ClientSampleId :

VN1126WBSD01

Tot Ion:	83	Resp:	107127
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.749 ug/l m

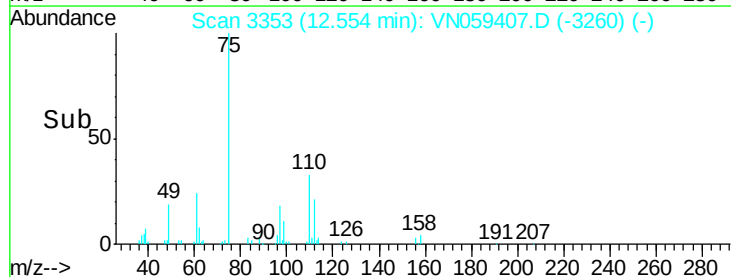
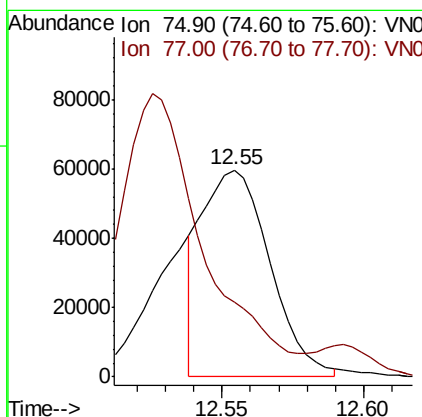
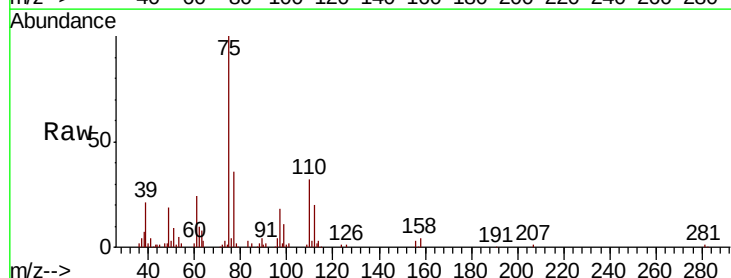
RT: 12.55 min Scan# 3353

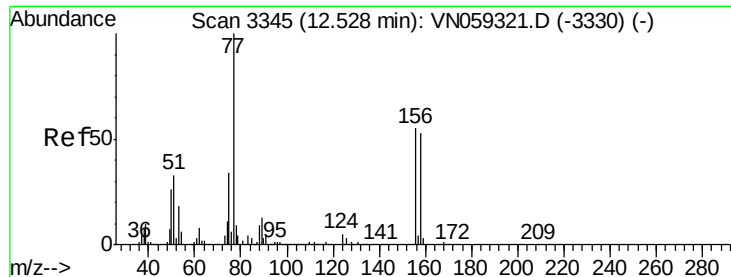
Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	75	Resp:	99336
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.974 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:156 Resp: 78464

Ion Ratio Lower Upper

156 100

77 217.1 111.1 333.4

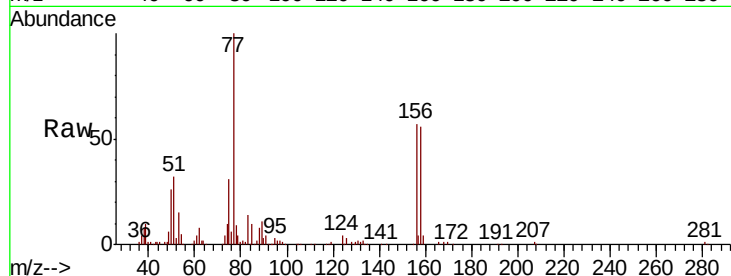
158 96.9 47.8 143.4

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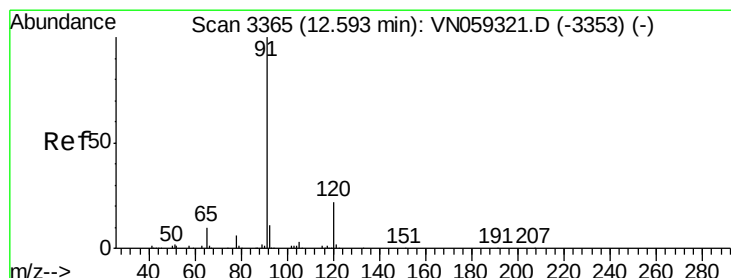
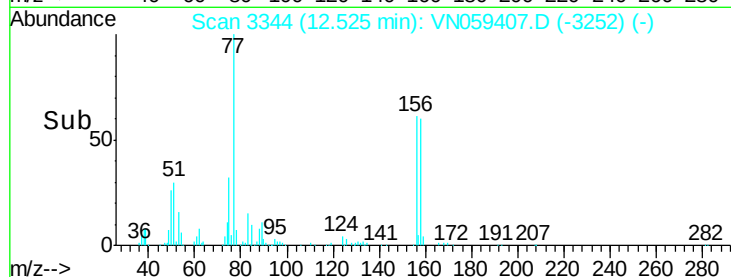
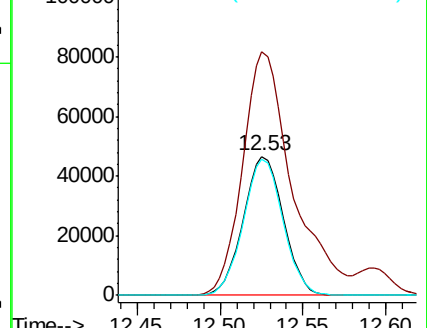
11/27/2019 10:51:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.151 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059407.D

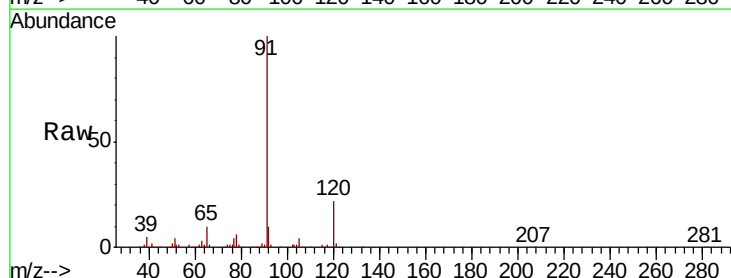
Acq: 26 Nov 2019 15:30

Tgt Ion: 91 Resp: 369678

Ion Ratio Lower Upper

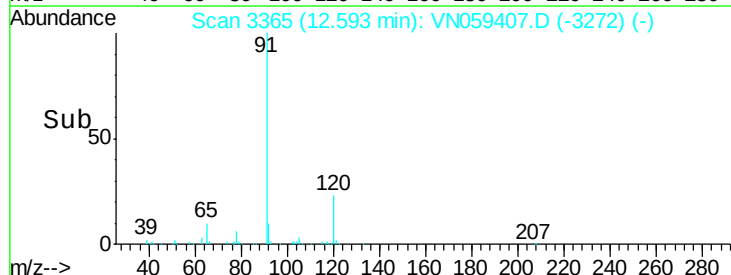
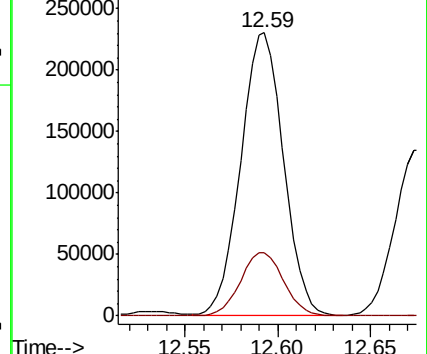
91 100

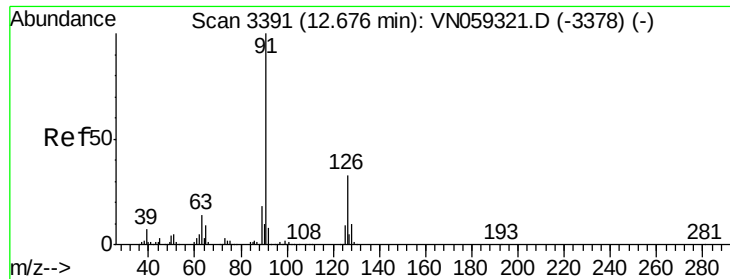
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





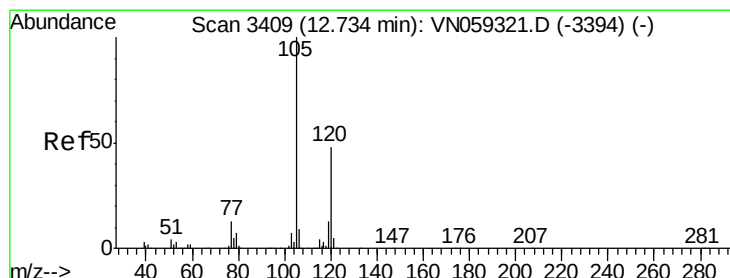
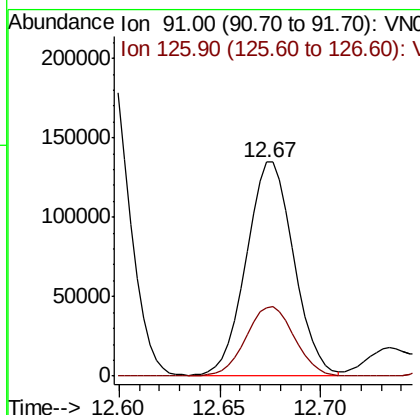
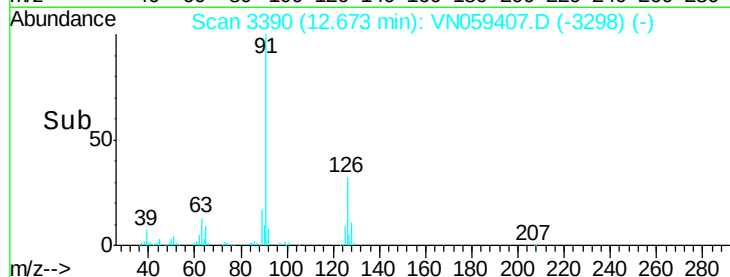
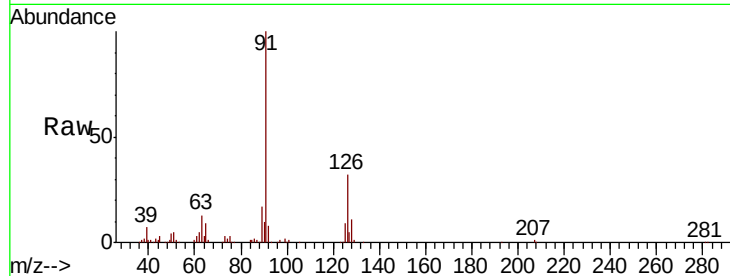
#79
 2-Chlorotoluene
 Concen: 19.794 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion: 91 Resp: 222885
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.7 50.1

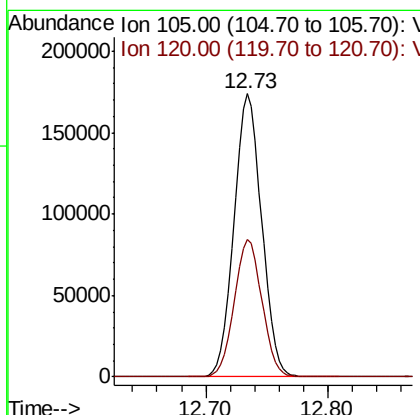
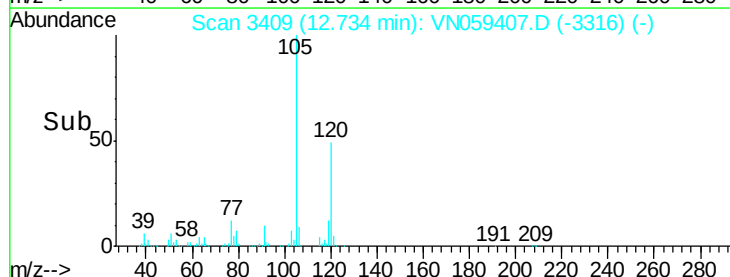
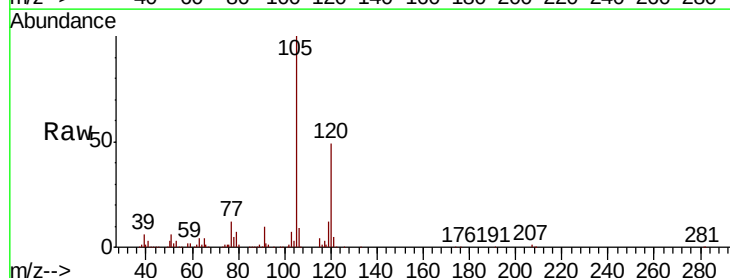
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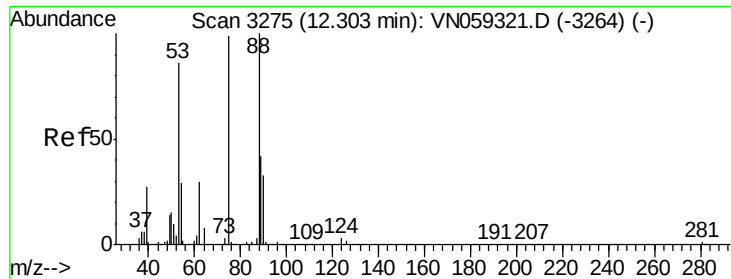
apatel
 11/27/2019 10:51:00 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.071 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion: 105 Resp: 273259
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4





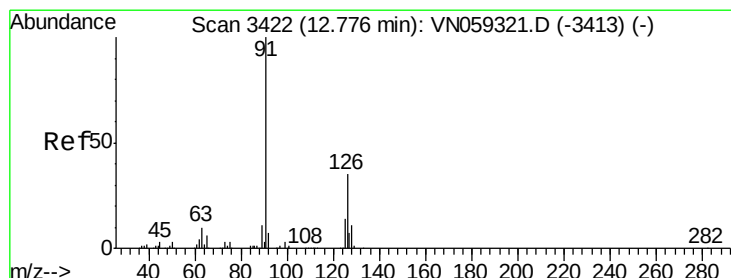
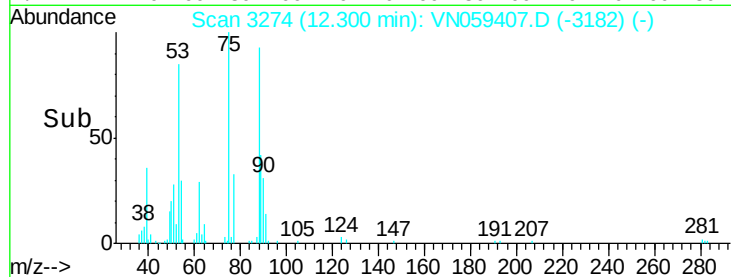
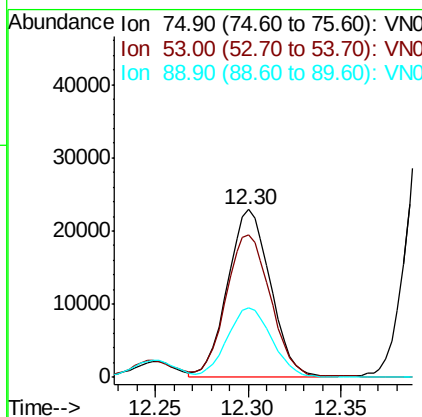
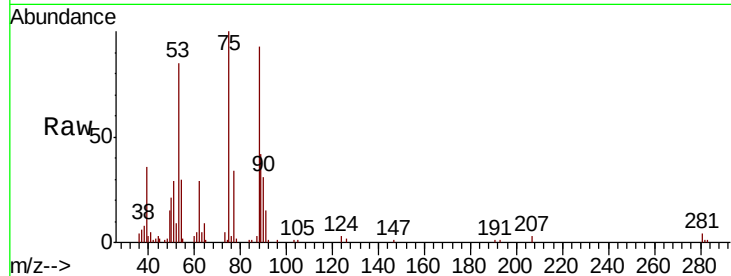
#81
trans-1,4-Dichloro-2-butene
Concen: 20.256 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.4	70.7	106.1
89	43.2	35.4	53.0

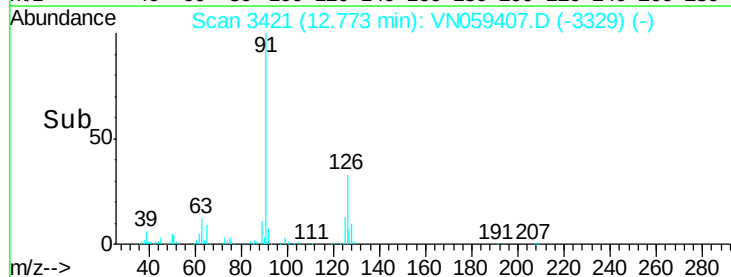
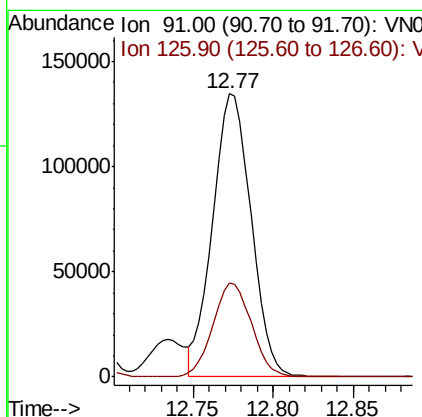
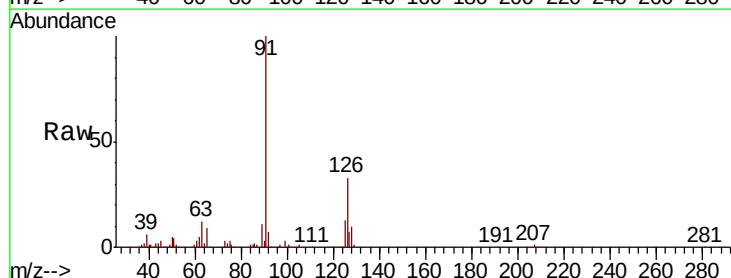
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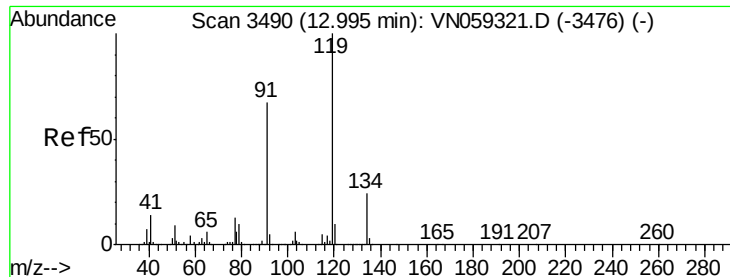
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#82
4-Chlorotoluene
Concen: 19.043 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





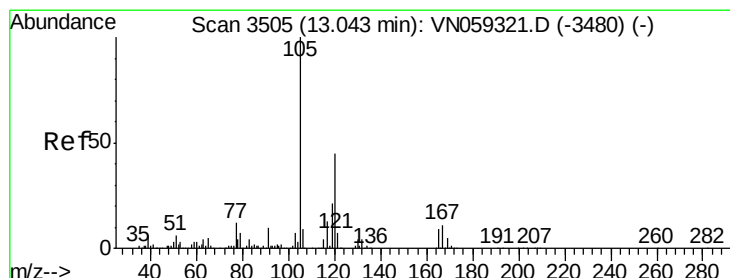
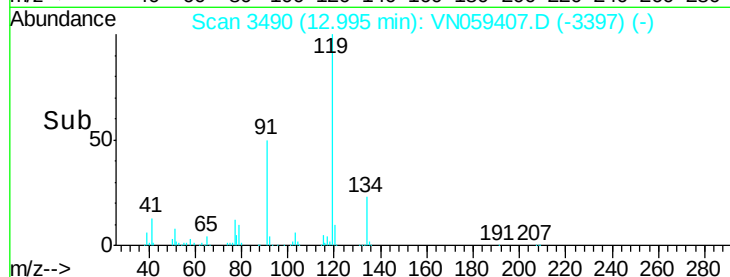
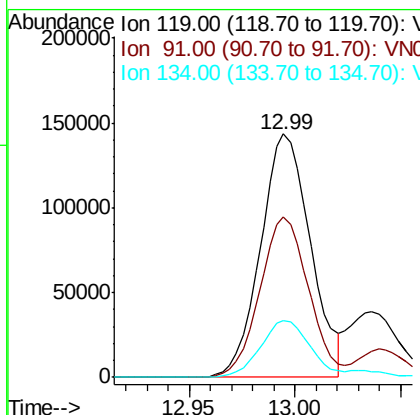
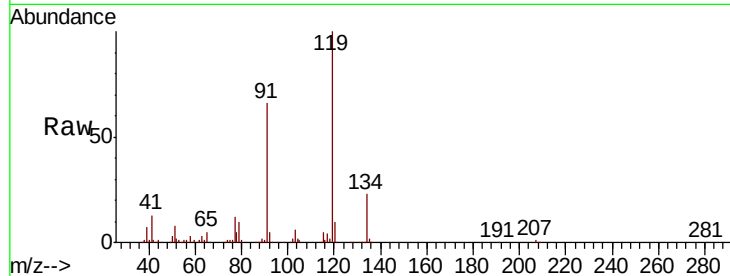
#83
 tert-Butylbenzene
 Concen: 20.574 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.8	98.4
134	23.2	13.0	38.9

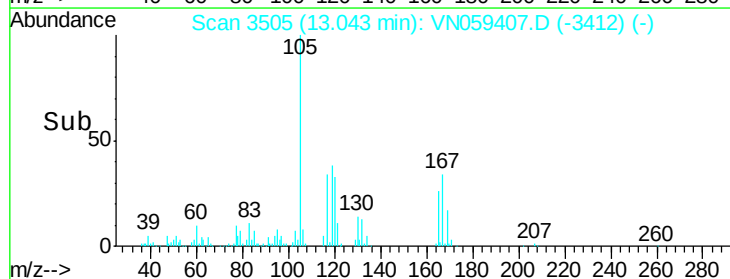
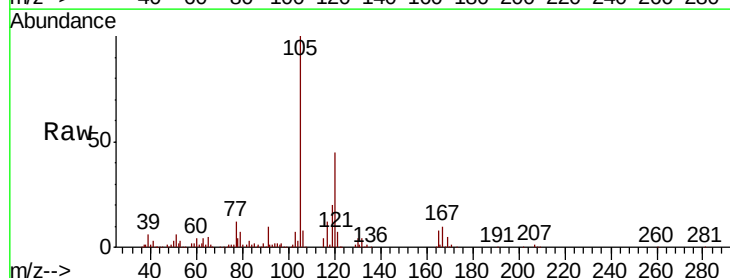
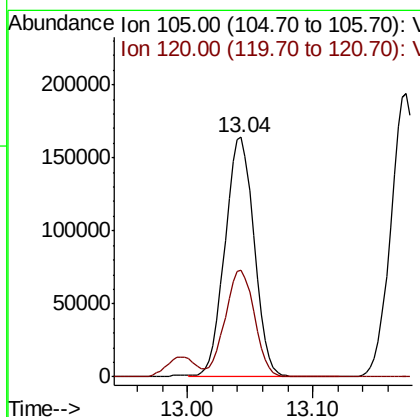
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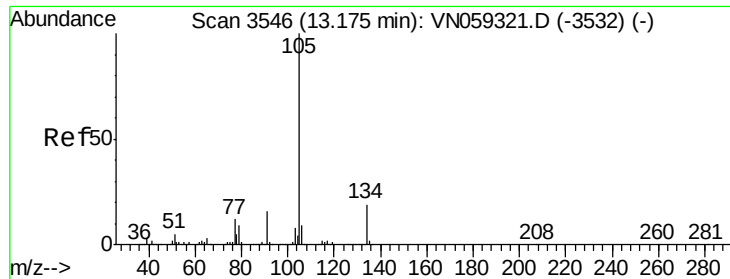
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.799 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.911 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tot Ion:105 Resp: 307718

Ion Ratio Lower Upper

105 100

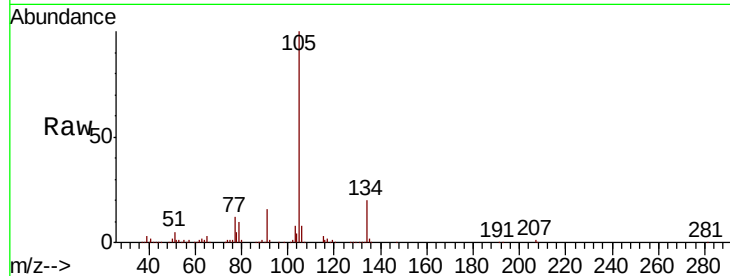
134 19.9 9.8 29.3

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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

200000

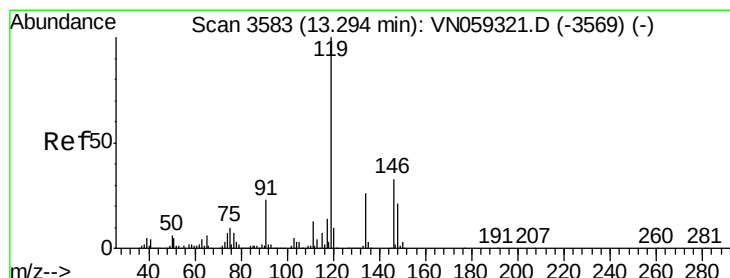
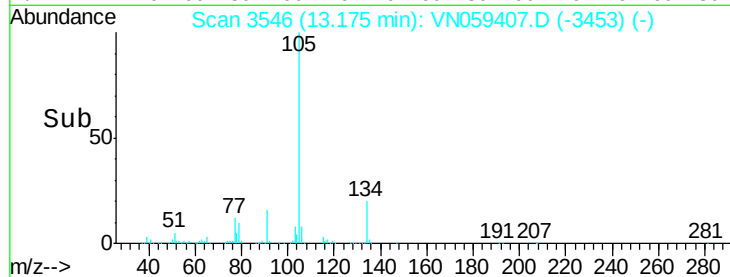
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.714 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

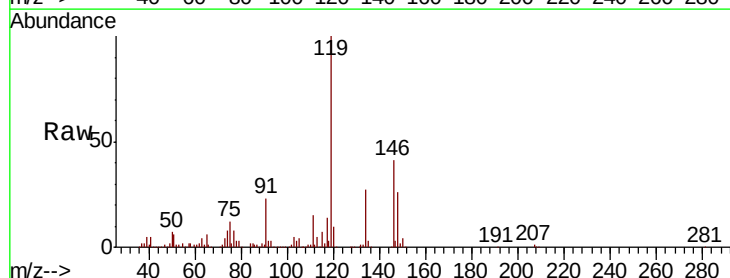
Tgt Ion:119 Resp: 271112

Ion Ratio Lower Upper

119 100

134 26.3 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

13.29

200000

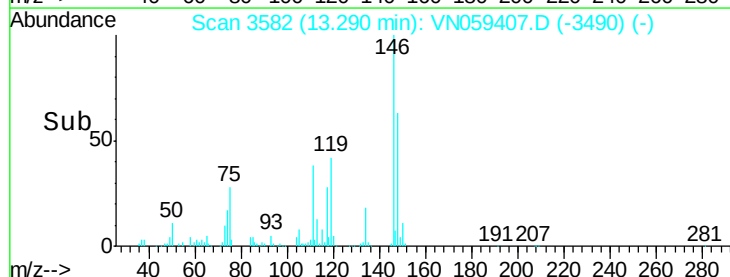
150000

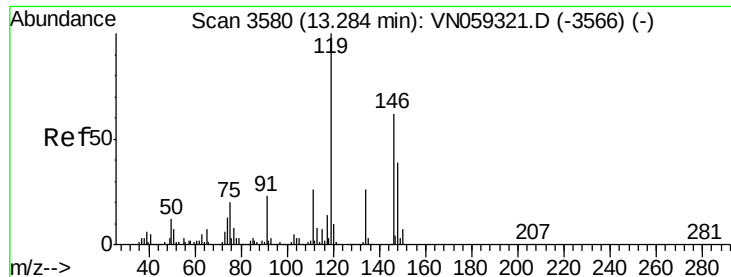
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.233 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

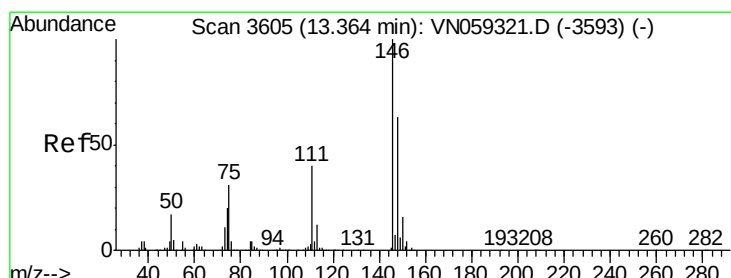
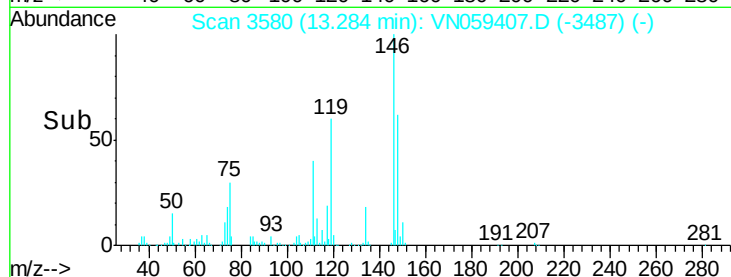
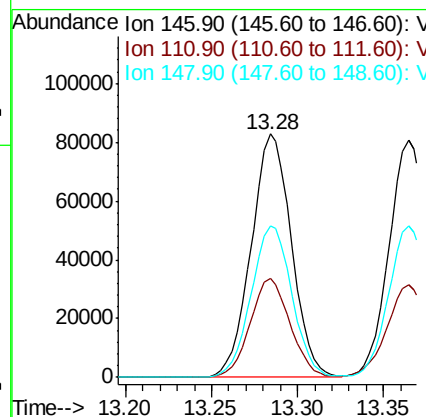
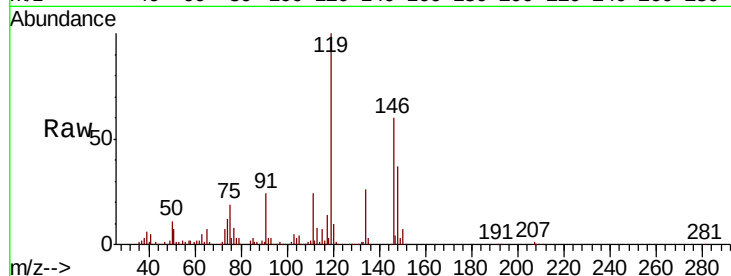
ClientSampleId :

VN1126WBSD01

Tot Ion:	146	Resp:	134549
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.6	61.8
148	63.0	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 19.165 ug/l

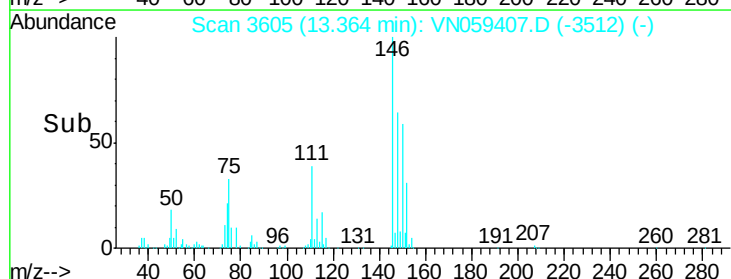
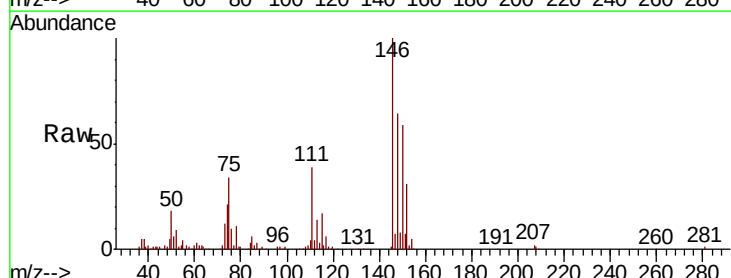
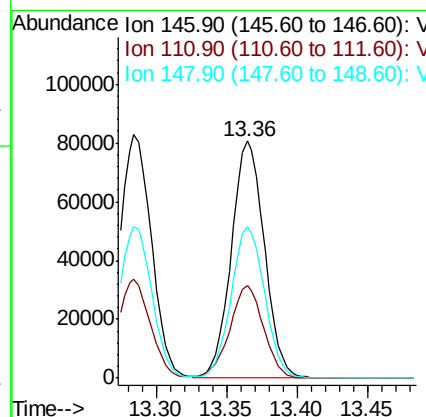
RT: 13.36 min Scan# 3605

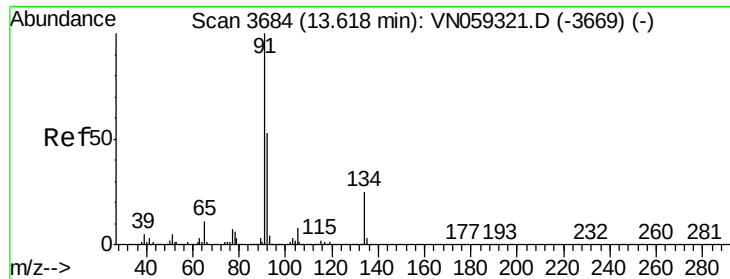
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	146	Resp:	132649
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.1	60.3
148	64.7	31.7	95.1





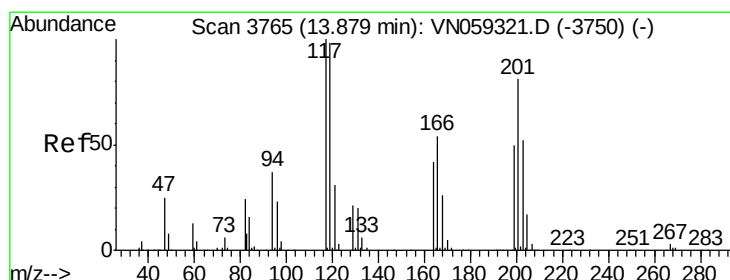
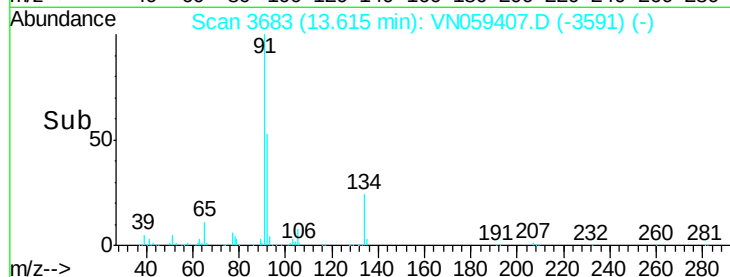
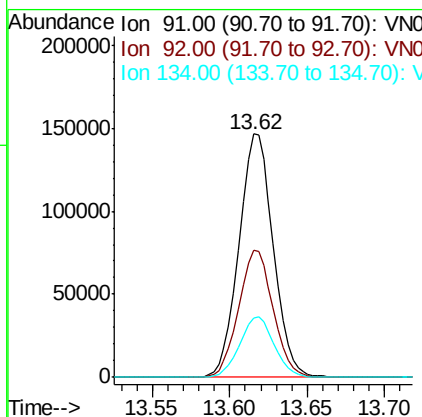
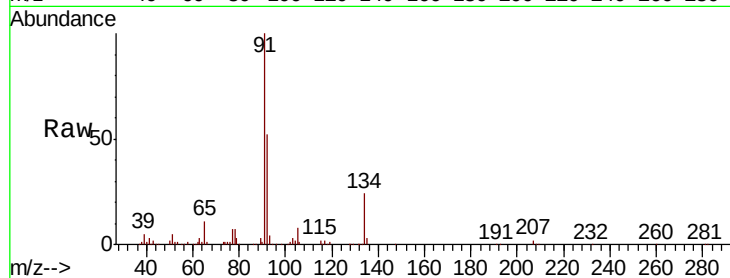
#89
n-Butylbenzene
Concen: 18.719 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	25.0	12.7	38.1

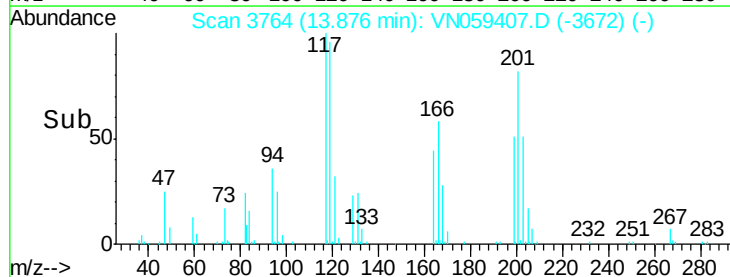
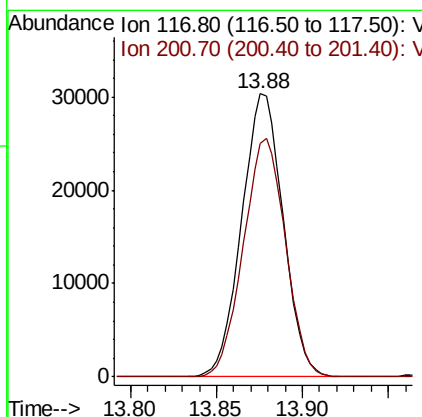
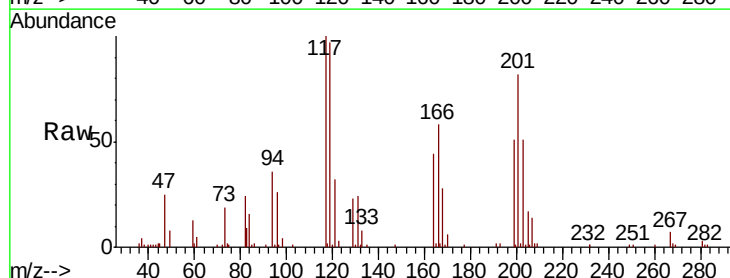
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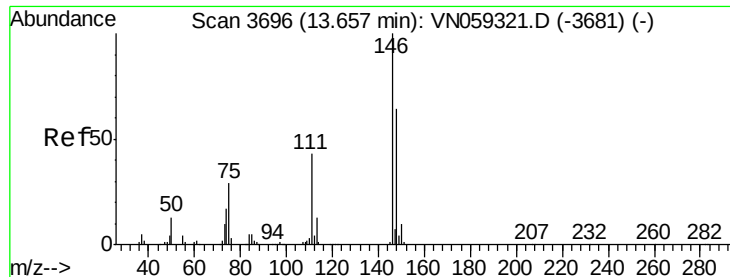
apatel
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#90
Hexachloroethane
Concen: 19.514 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059407.D
Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 19.383 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

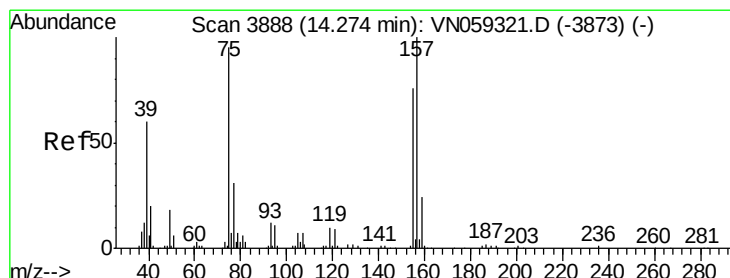
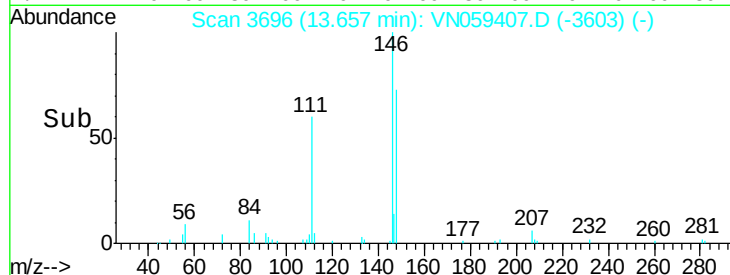
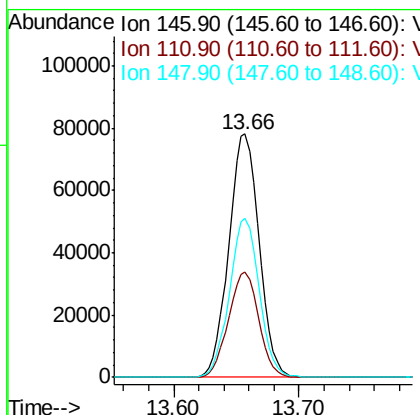
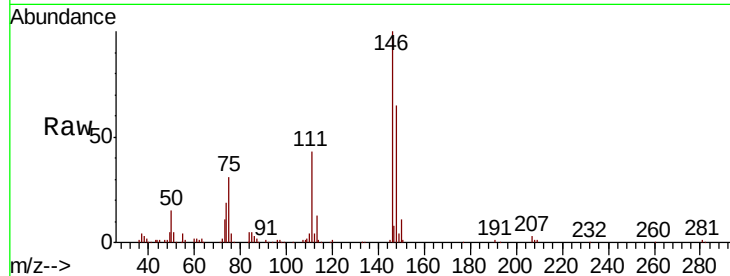
ClientSampleId :

VN1126WBSD01

Tot Ion:	146	Resp:	131191
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.3	64.0
148	64.1	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.958 ug/l

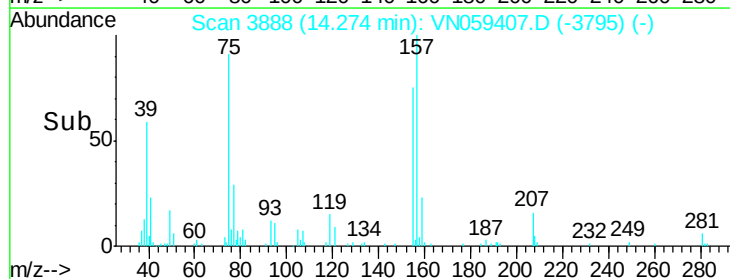
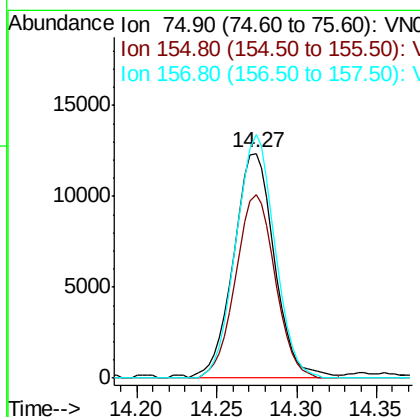
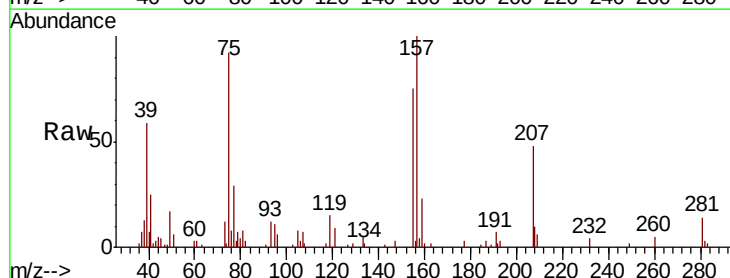
RT: 14.27 min Scan# 3888

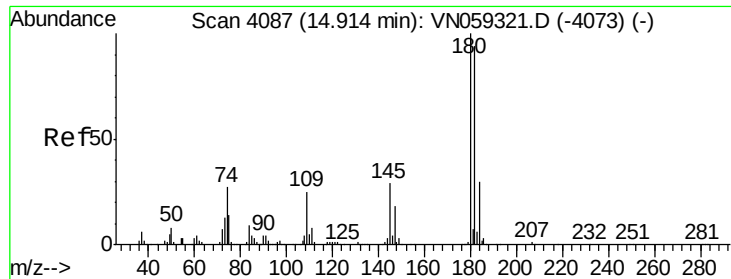
Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	75	Resp:	21594
Ion Ratio	Lower	Upper	
75	100		
155	78.4	40.5	121.5
157	102.7	52.7	158.1





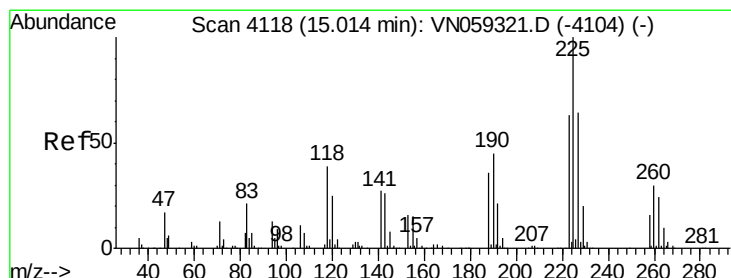
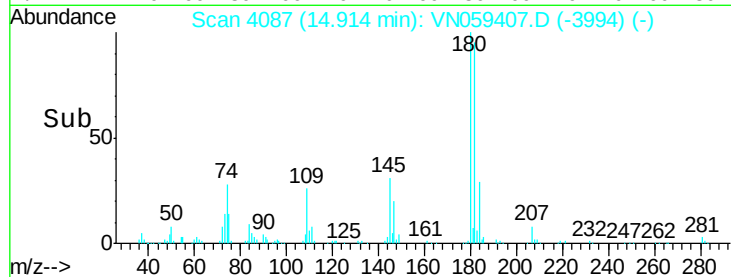
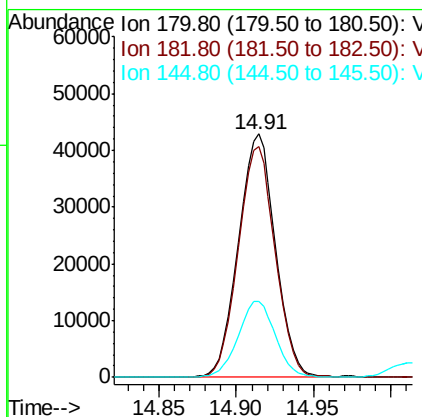
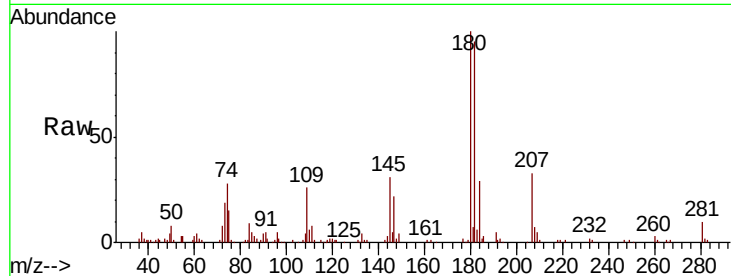
#93
 1,2,4-Trichlorobenzene
 Concen: 18.845 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.2	141.6
145	31.4	14.9	44.5

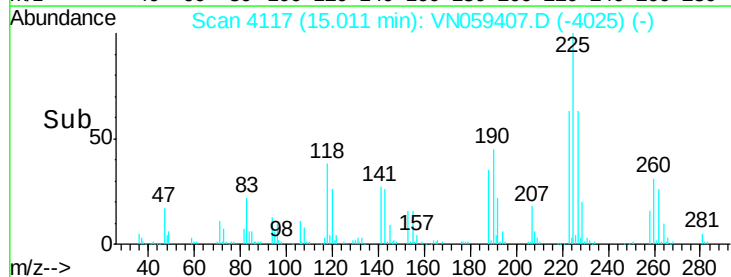
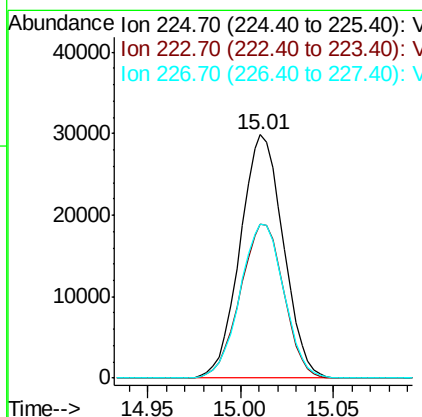
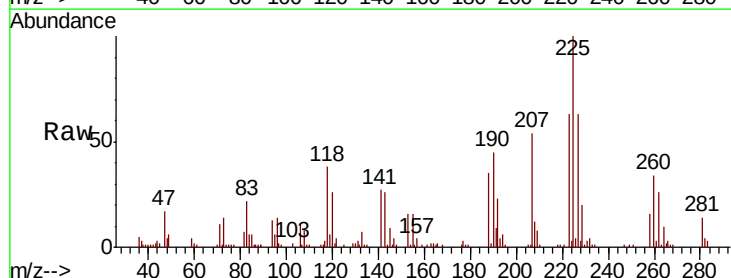
Manual Integrations
 APPROVED

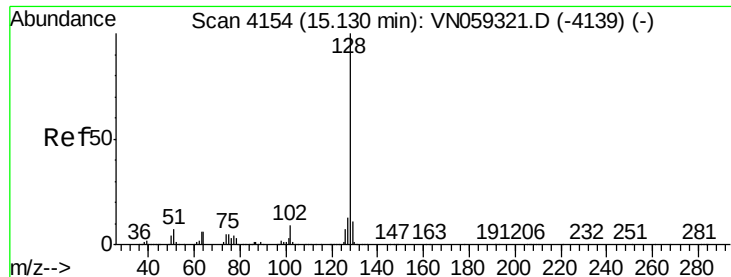
apatel
 11/27/2019 10:51:00 AM



#94
 Hexachlorobutadiene
 Concen: 19.790 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059407.D
 Acq: 26 Nov 2019 15:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.6	94.8
227	64.5	32.6	97.7





#95

Naphthalene

Concen: 17.752 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Instrument :

MSVOA_N

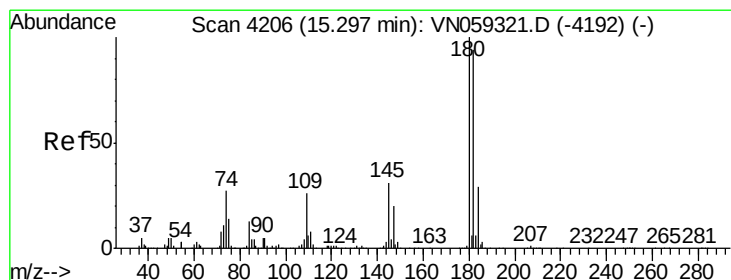
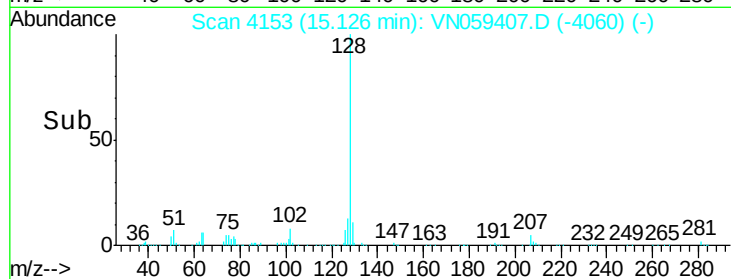
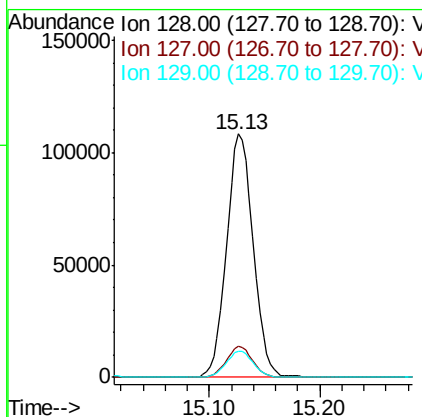
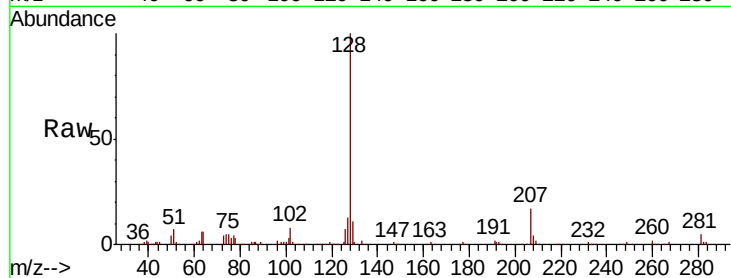
ClientSampleId :

VN1126WBSD01

Tot Ion:	128	Resp:	181495
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
11/27/2019 10:51:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.084 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059407.D

Acq: 26 Nov 2019 15:30

Tgt Ion:	180	Resp:	73802
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.1	141.4
145	30.6	15.6	46.8

