

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059386.D
 Acq On : 25 Nov 2019 16:32
 Operator : JC/SP
 Sample : VN1125WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Manual Integrations
 APPROVED

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 11/26/2019 12:36:59 PM

Quant Time: Nov 25 17:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	383925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	602034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	533270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	226775	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.57	113	183589	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.08	98	724103	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.40	95	254199	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	71525	14.552	ug/l	100
3) Chloromethane	2.04	50	86179	14.312	ug/l	100
4) Vinyl Chloride	2.17	62	93648	15.106	ug/l	100
5) Bromomethane	2.54	94	52161	15.155	ug/l	98
6) Chloroethane	2.68	64	46756	13.819	ug/l	99
7) Trichlorofluoromethane	3.00	101	94240	14.117	ug/l	98
8) Diethyl Ether	3.39	74	41399	15.169	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	60723	14.875	ug/l	99
10) Methyl Iodide	3.93	142	77505	15.277	ug/l	98
11) Tert butyl alcohol	4.75	59	69836	75.721	ug/l	100
12) 1,1-Dichloroethene	3.71	96	60449	14.589	ug/l	94
13) Acrolein	3.58	56	48988	58.188	ug/l	99
14) Allyl chloride	4.30	41	113309	14.638	ug/l	99
15) Acrylonitrile	4.95	53	180983	74.218	ug/l	99
16) Acetone	3.79	43	193408	93.639	ug/l	99
17) Carbon Disulfide	4.03	76	183655	14.243	ug/l	100
18) Methyl Acetate	4.30	43	105017	15.321	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	200634	14.991	ug/l	97
20) Methylene Chloride	4.52	84	71055	15.253	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	65045	14.812	ug/l	96
22) Diisopropyl ether	5.92	45	216710	14.869	ug/l	95
23) Vinyl Acetate	5.87	43	841884	73.457	ug/l	100
24) 1,1-Dichloroethane	5.82	63	123242	15.023	ug/l	99
25) 2-Butanone	6.81	43	250424	77.971	ug/l	98
26) 2,2-Dichloropropane	6.80	77	103902	14.627	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	73482	14.831	ug/l	98
28) Bromochloromethane	7.17	49	48929	16.305	ug/l	96
29) Tetrahydrofuran	7.19	42	162844	73.326	ug/l	100
30) Chloroform	7.35	83	115044	14.353	ug/l	97
31) Cyclohexane	7.63	56	115455	14.234	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	99490	14.546	ug/l	100
36) 1,1-Dichloropropene	7.77	75	90817	14.612	ug/l	99
37) Ethyl Acetate	6.90	43	96304	14.418	ug/l	98
38) Carbon Tetrachloride	7.75	117	87430	14.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	107316	14.319	ug/l	99
40) Benzene	8.02	78	274770	15.063	ug/l	100
41) Methacrylonitrile	7.15	41	46313m	15.619	ug/l	
42) 1,2-Dichloroethane	8.10	62	89875	14.898	ug/l	99
43) Isopropyl Acetate	8.15	43	147922	14.491	ug/l	99
44) Trichloroethene	8.82	130	68968	14.918	ug/l	98
45) 1,2-Dichloropropane	9.10	63	73325	15.074	ug/l	99
46) Dibromomethane	9.19	93	45562	15.271	ug/l	98
47) Bromodichloromethane	9.39	83	88273	14.773	ug/l	98
48) Methyl methacrylate	9.19	41	63768	13.737	ug/l	97
49) 1,4-Dioxane	9.19	88	25000	358.332	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	458036	76.657	ug/l	99
52) Toluene	10.15	92	165923	15.127	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	103140	14.849	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	111671	14.816	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	64705	15.173	ug/l	100
56) Ethyl methacrylate	10.42	69	94866	14.786	ug/l	98
57) 1,3-Dichloropropane	10.70	76	111259	14.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	181497	85.181	ug/l	100
59) 2-Hexanone	10.75	43	341163	77.976	ug/l	100
60) Dibromochloromethane	10.90	129	68477	15.238	ug/l	99
61) 1,2-Dibromoethane	11.00	107	67422	15.194	ug/l	98
64) Tetrachloroethene	10.63	164	63302	15.348	ug/l	97
65) Chlorobenzene	11.43	112	169884	14.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	63042	15.134	ug/l	99
67) Ethyl Benzene	11.51	91	307497	15.019	ug/l	99
68) m/p-Xylenes	11.62	106	228309	30.011	ug/l	99
69) o-Xylene	11.95	106	110106	15.118	ug/l	98
70) Styrene	11.96	104	169525	14.752	ug/l	98
71) Bromoform	12.13	173	47065	14.919	ug/l #	99
73) Isopropylbenzene	12.25	105	294594	14.768	ug/l	100
74) N-amyl acetate	12.07	43	110898	13.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	96146	14.570	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	87178m	15.496	ug/l	
77) Bromobenzene	12.53	156	71353	14.747	ug/l	99
78) n-propylbenzene	12.59	91	335530	14.849	ug/l	99
79) 2-Chlorotoluene	12.68	91	199664	14.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	245013	14.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	32365	14.389	ug/l	99
82) 4-Chlorotoluene	12.77	91	204140	14.223	ug/l	100
83) tert-Butylbenzene	12.99	119	209331	14.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	239521	14.581	ug/l	100
85) sec-Butylbenzene	13.17	105	279786	14.698	ug/l	99
86) p-Isopropyltoluene	13.29	119	250371	14.781	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	122991	14.274	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121204	14.217	ug/l	98
89) n-Butylbenzene	13.62	91	209053	14.069	ug/l	100
90) Hexachloroethane	13.88	117	44884	13.992	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	121436	14.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19926	14.203	ug/l	95

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VN1125WBSD02

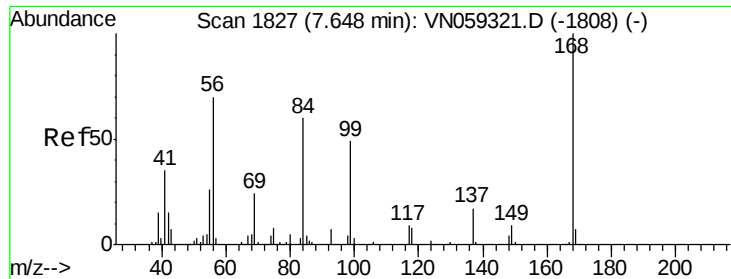
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64957	14.730	ug/l	98
94) Hexachlorobutadiene	15.01	225	45358	15.102	ug/l	97
95) Naphthalene	15.13	128	169329	14.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	66886	14.545	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion:168 Resp: 383925

Ion Ratio Lower Upper

168 100

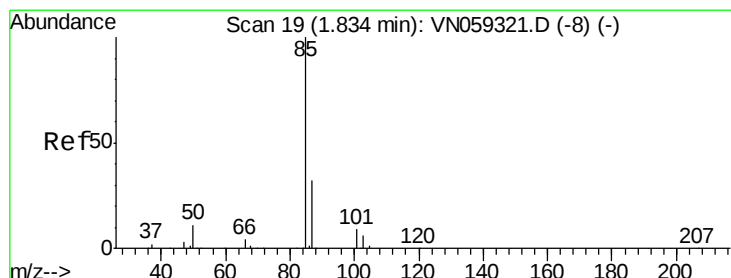
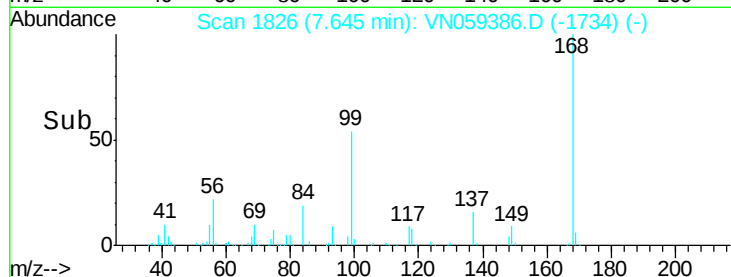
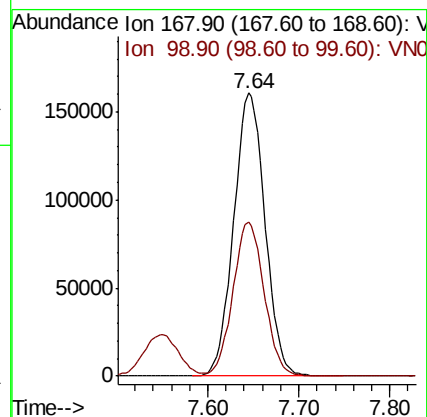
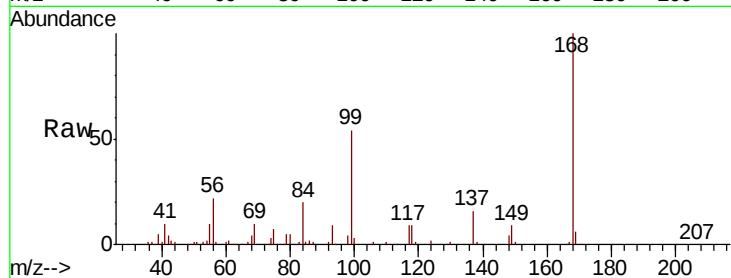
99 54.3 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 14.552 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059386.D

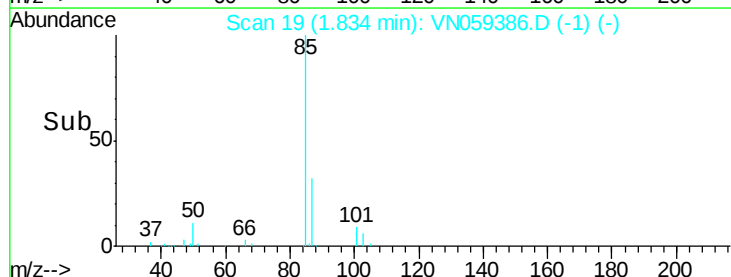
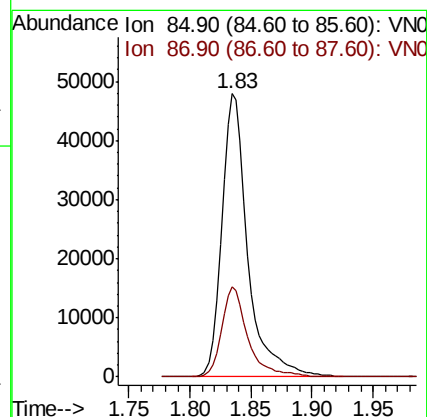
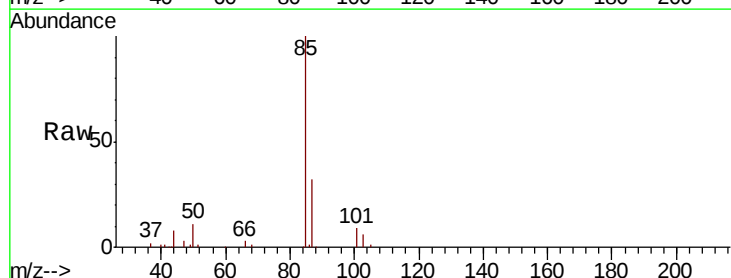
Acq: 25 Nov 2019 16:32

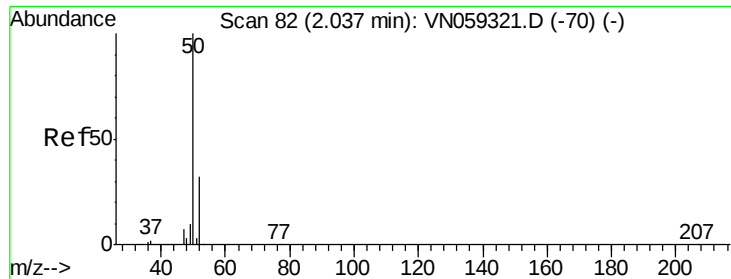
Tgt Ion: 85 Resp: 71525

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0





#3

Chloromethane

Concen: 14.312 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 50 Resp: 86179

Ion Ratio Lower Upper

50 100

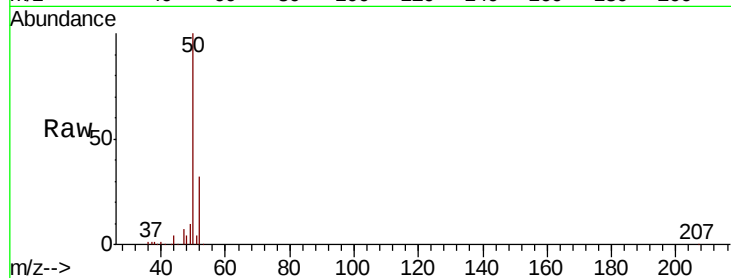
52 32.3 26.0 39.0

Manual Integrations

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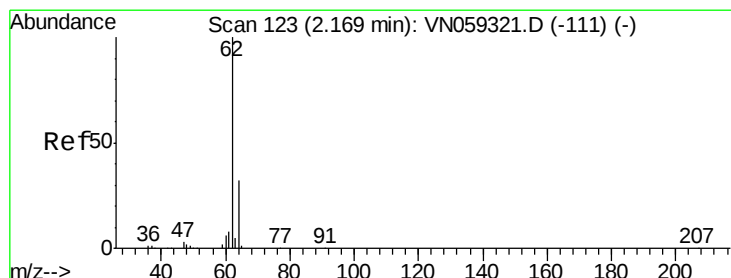
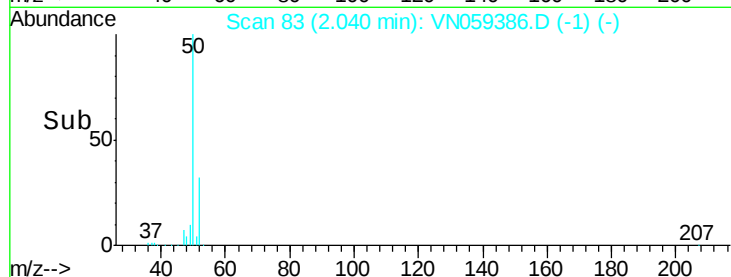
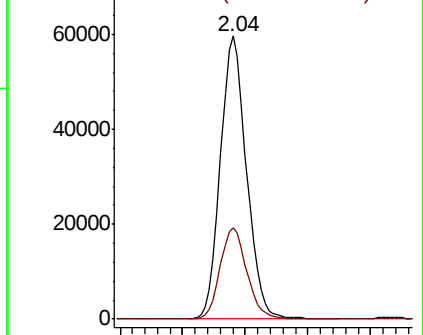
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 15.106 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059386.D

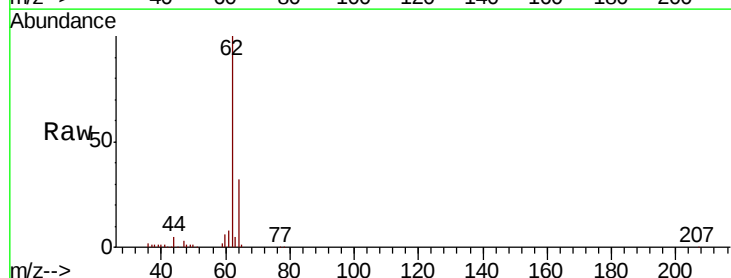
Acq: 25 Nov 2019 16:32

Tgt Ion: 62 Resp: 93648

Ion Ratio Lower Upper

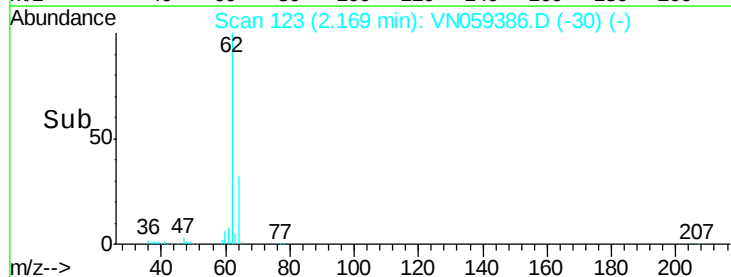
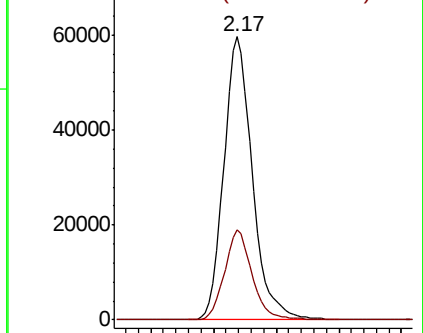
62 100

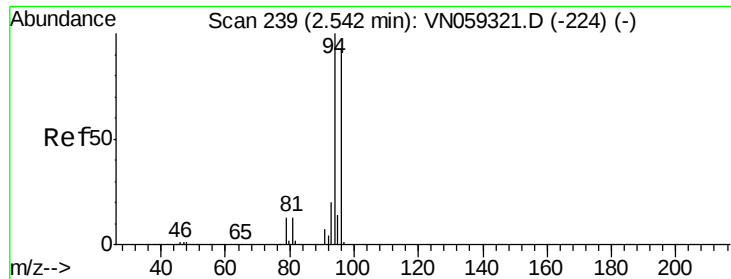
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 15.155 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

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ClientSampleId :

VN1125WBSD02

Tot Ion: 94 Resp: 52161

Ion Ratio Lower Upper

94 100

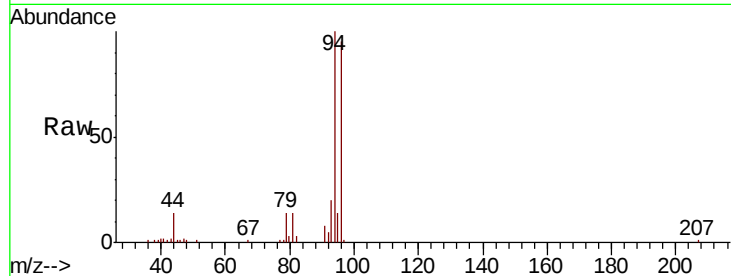
96 95.0 74.5 111.7

Manual Integrations

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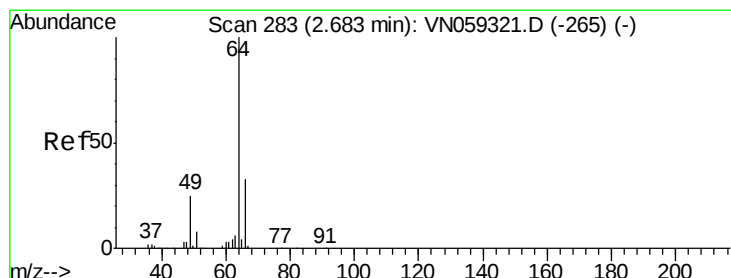
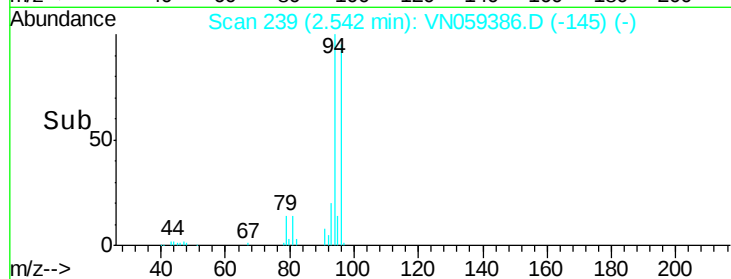
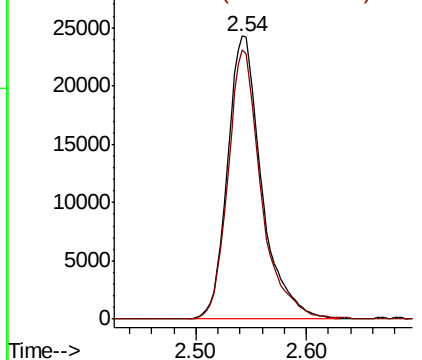
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 13.819 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059386.D

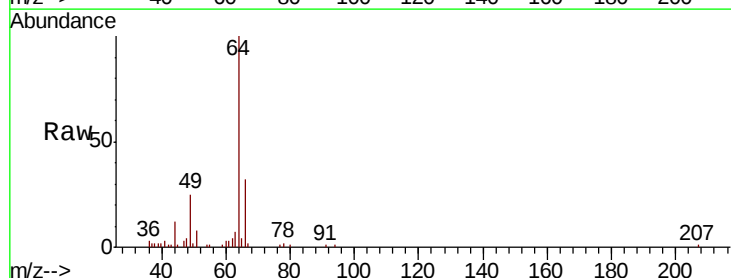
Acq: 25 Nov 2019 16:32

Tgt Ion: 64 Resp: 46756

Ion Ratio Lower Upper

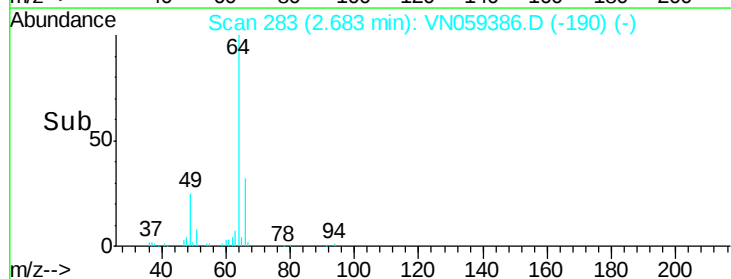
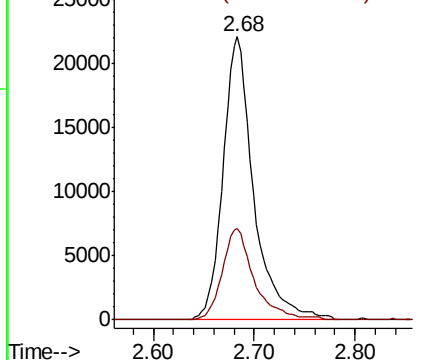
64 100

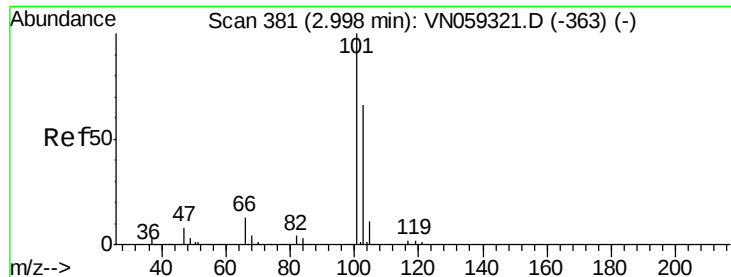
66 32.3 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

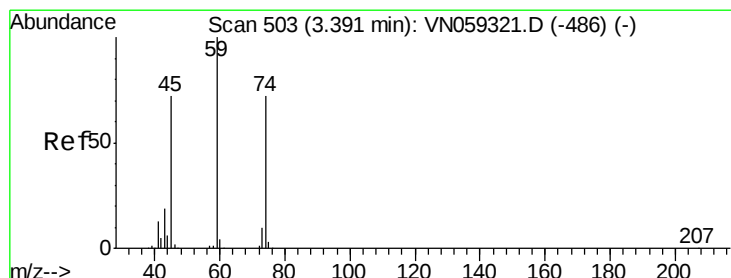
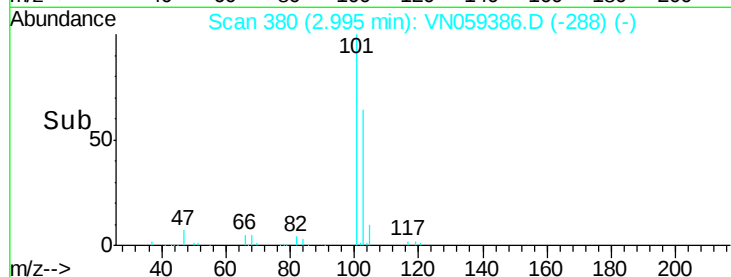
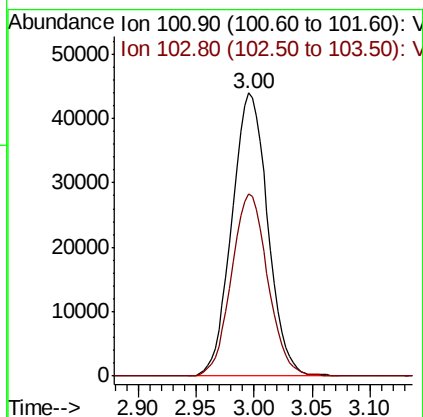
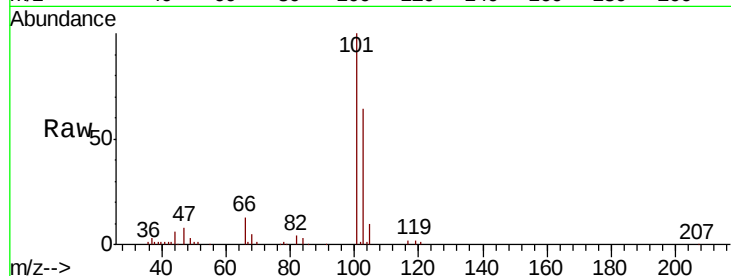
Trichlorofluoromethane
Concen: 14.117 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.2	52.5	78.7	

Manual Integrations
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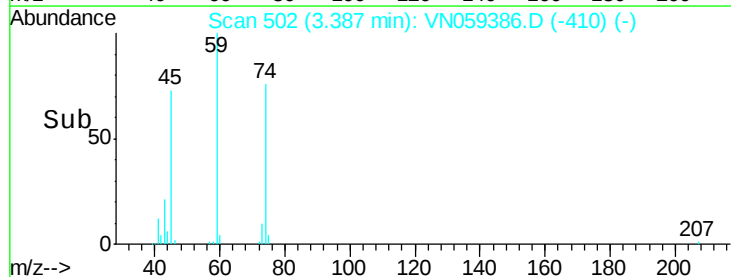
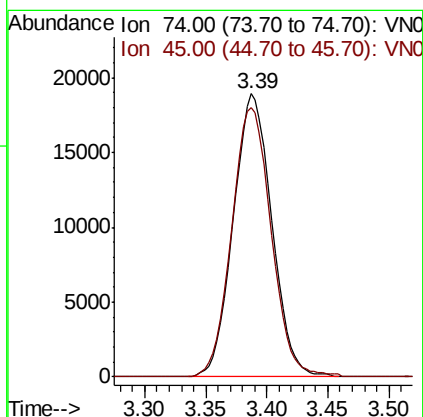
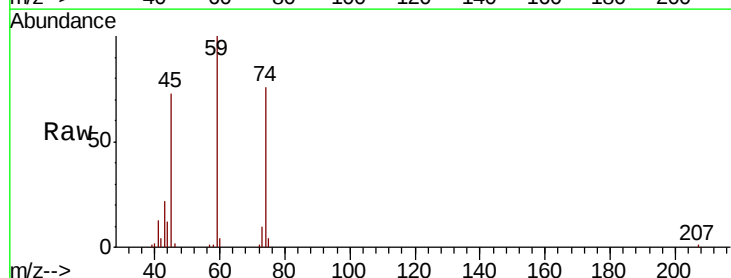
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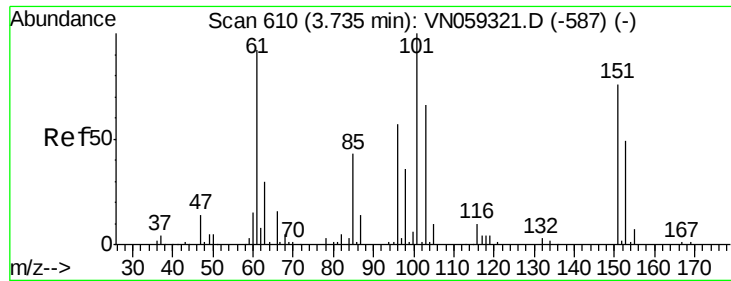


#8

Diethyl Ether
Concen: 15.169 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	97.6	51.7	155.2	





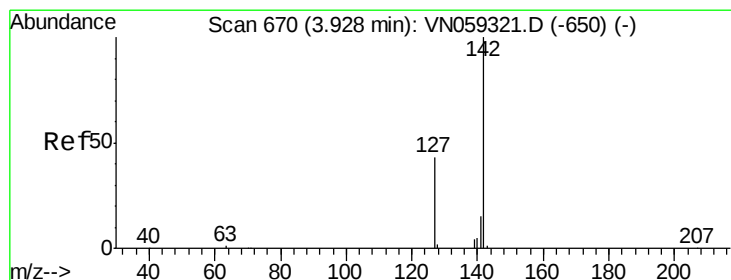
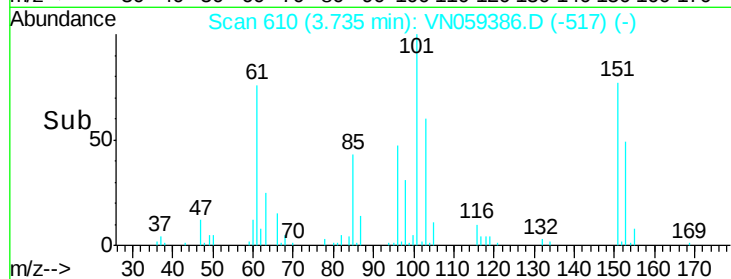
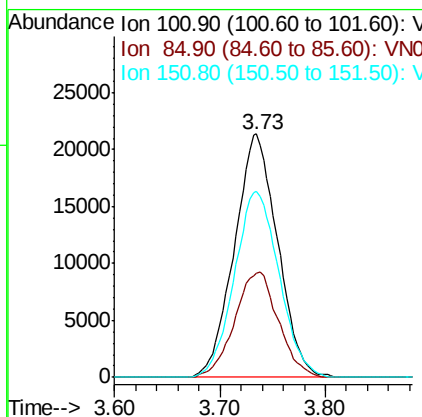
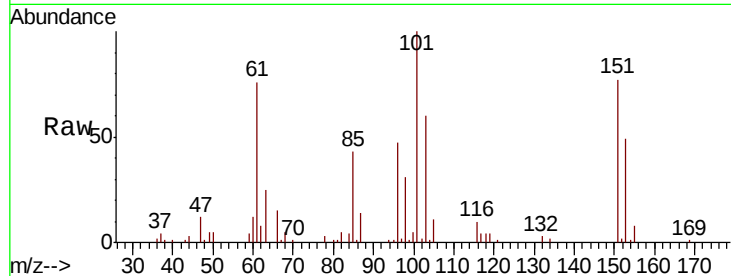
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.875 ug/l
RT: 3.73 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.8	52.2
151	79.1	62.2	93.4

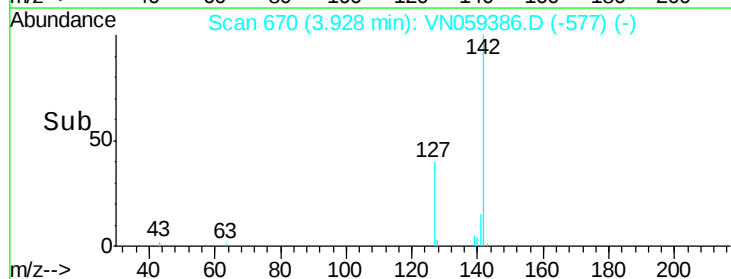
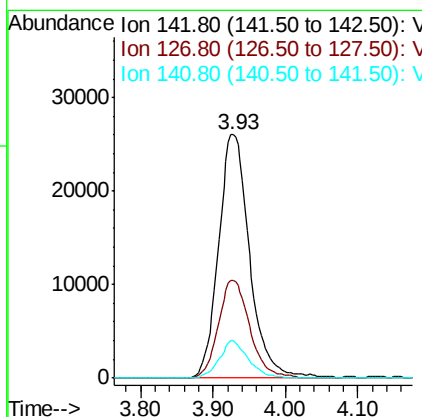
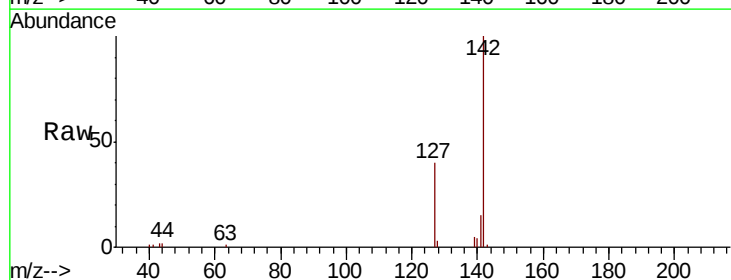
Manual Integrations
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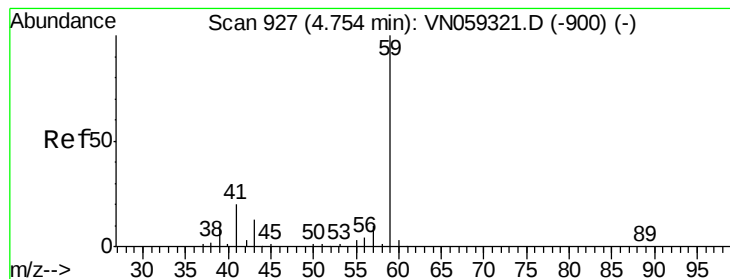
apatel
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#10
Methyl Iodide
Concen: 15.277 ug/l
RT: 3.93 min Scan# 670
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	33.8	50.6
141	14.1	11.2	16.8





#11

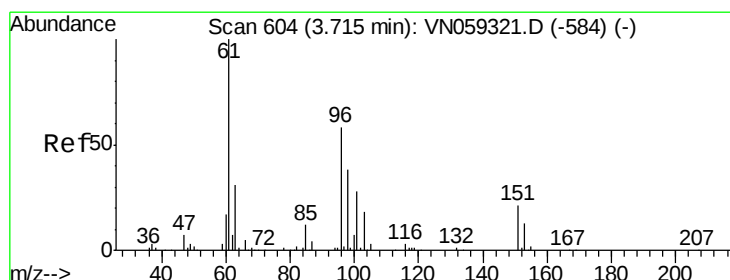
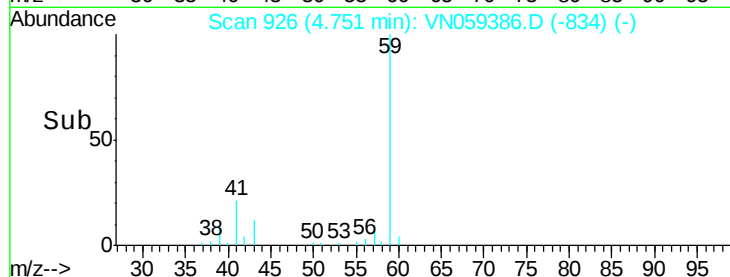
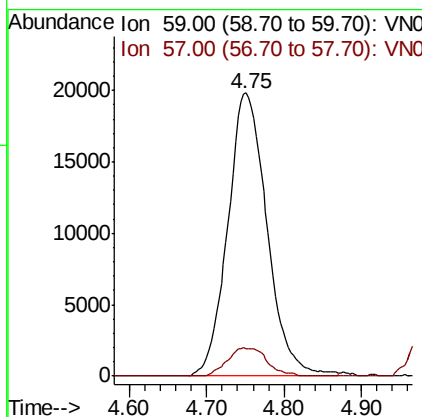
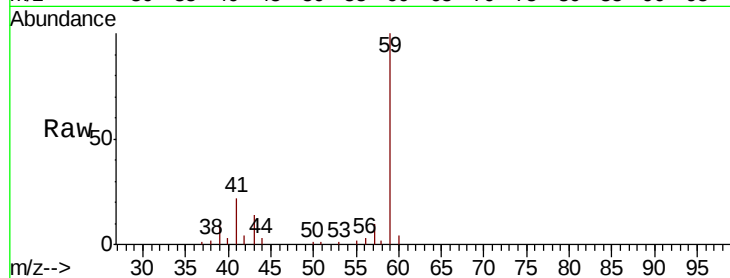
Tert butyl alcohol
 Concen: 75.721 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

Manual Integrations
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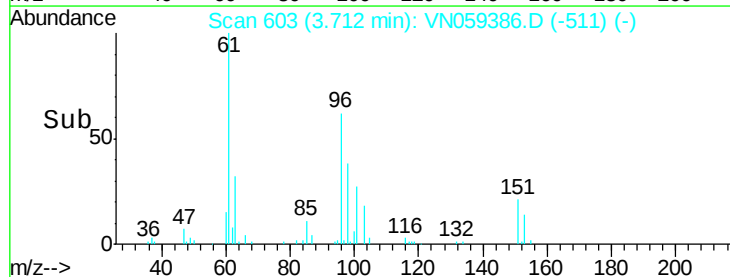
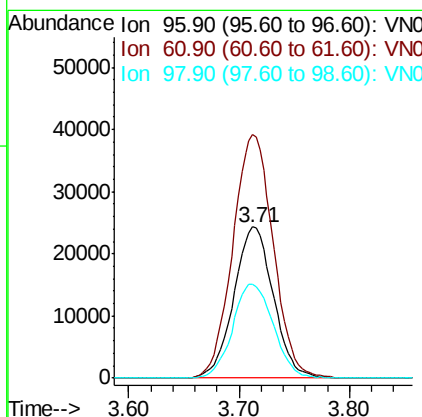
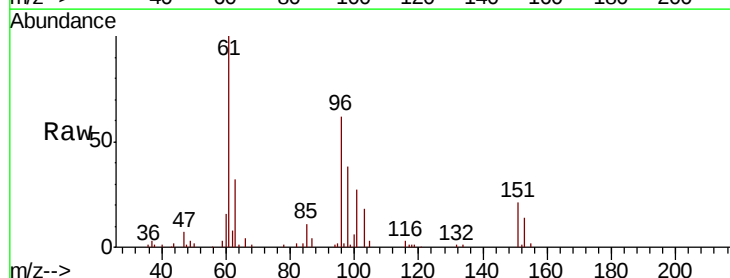
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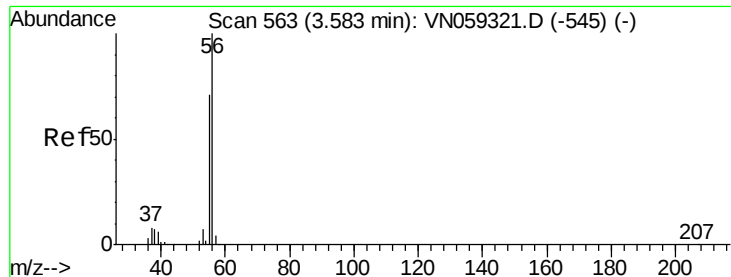


#12

1,1-Dichloroethene
 Concen: 14.589 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	136.8	205.2
98	62.1	51.6	77.4





#13

Acrolein

Concen: 58.188 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 56 Resp: 48988

Ion Ratio Lower Upper

56 100

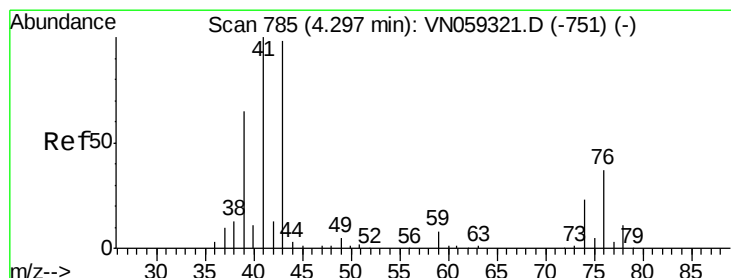
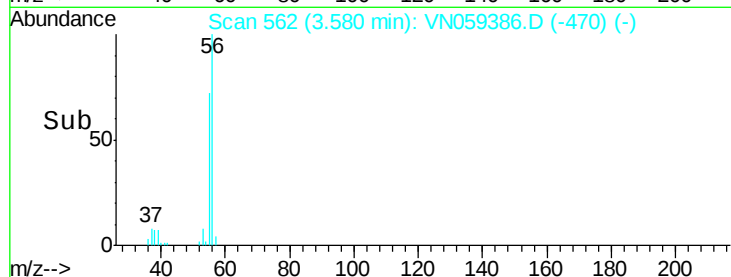
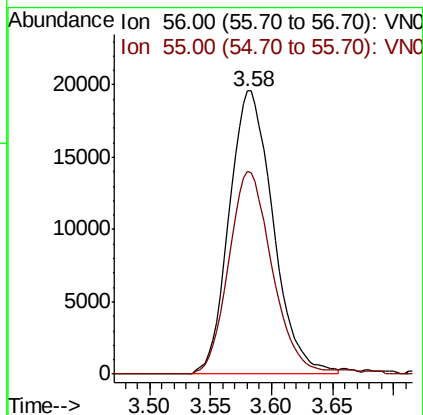
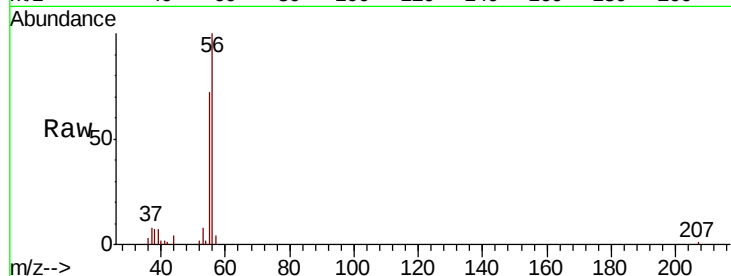
55 70.5 57.4 86.0

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#14

Allyl chloride

Concen: 14.638 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

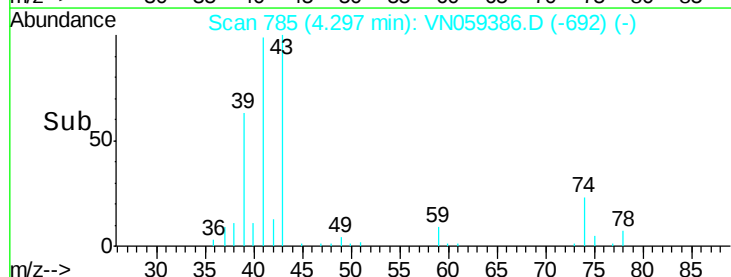
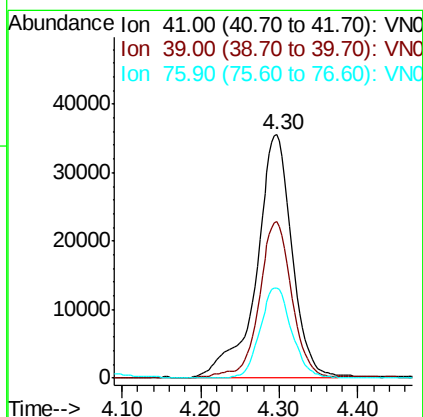
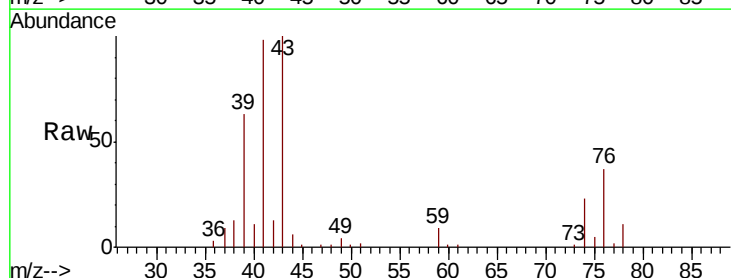
Tgt Ion: 41 Resp: 113309

Ion Ratio Lower Upper

41 100

39 59.2 48.4 72.6

76 33.0 26.2 39.4





#15

Acrylonitrile

Concen: 74.218 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

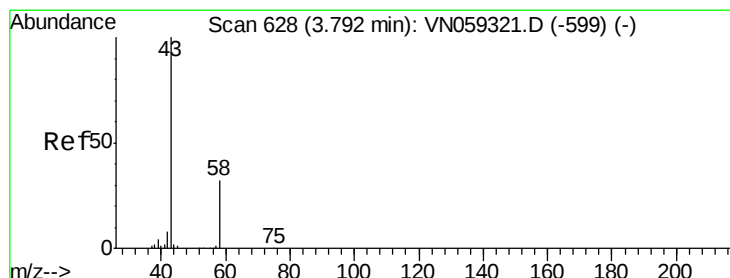
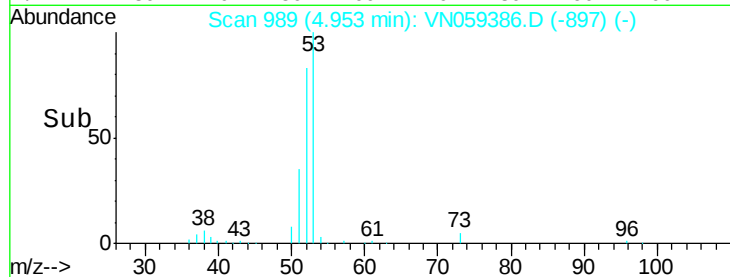
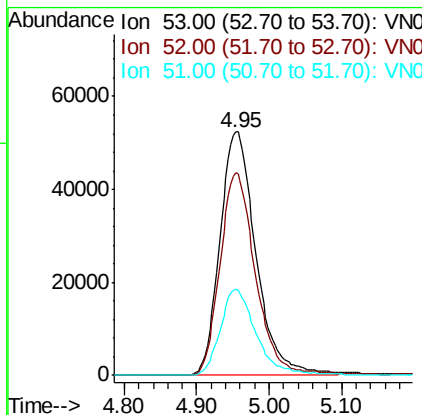
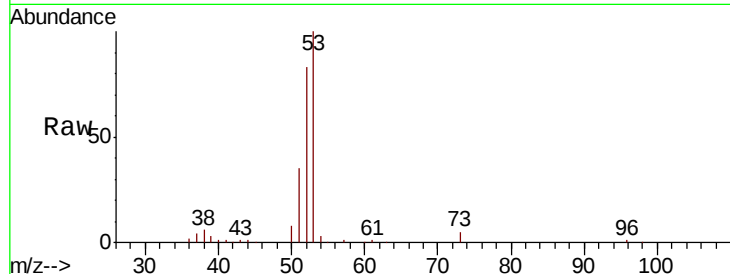
ClientSampleId :

VN1125WBSD02

Tot Ion:	53	Resp:	180983
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.8	98.8
51	34.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 93.639 ug/l

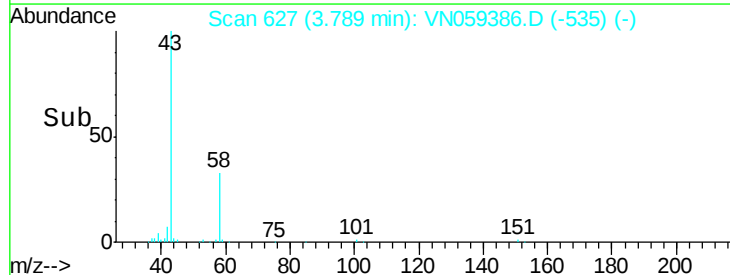
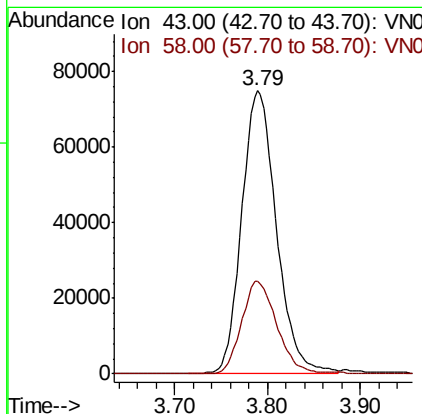
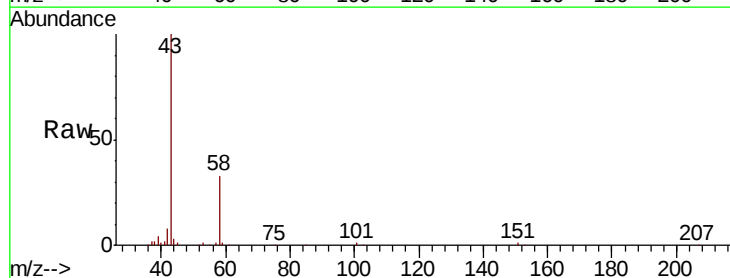
RT: 3.79 min Scan# 627

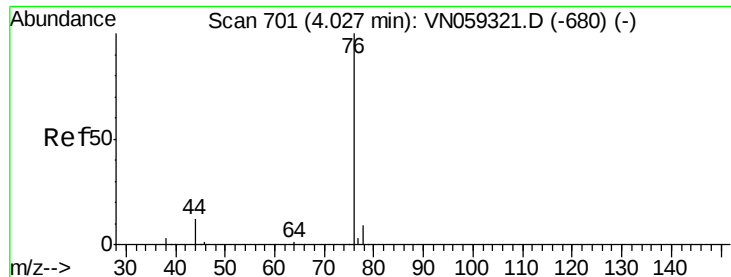
Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	43	Resp:	193408
Ion Ratio	Lower	Upper	
43	100		
58	32.9	25.8	38.6





#17

Carbon Disulfide

Concen: 14.243 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 76 Resp: 183655

Ion Ratio Lower Upper

76 100

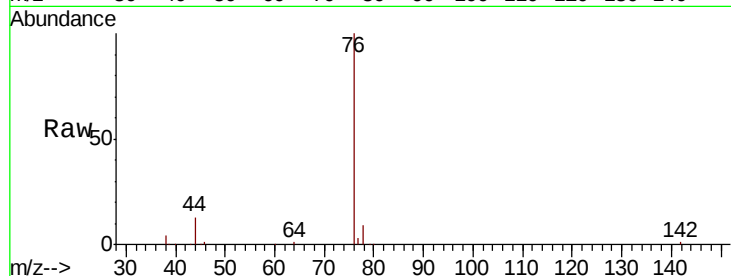
78 9.0 7.2 10.8

Manual Integrations

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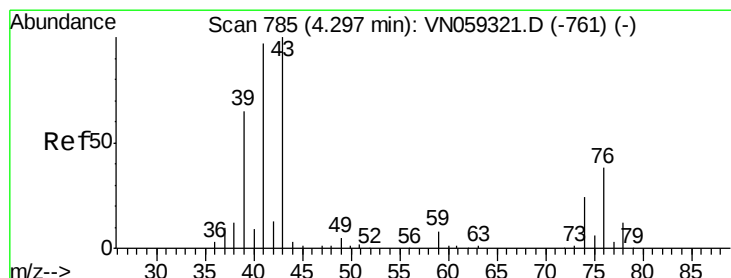
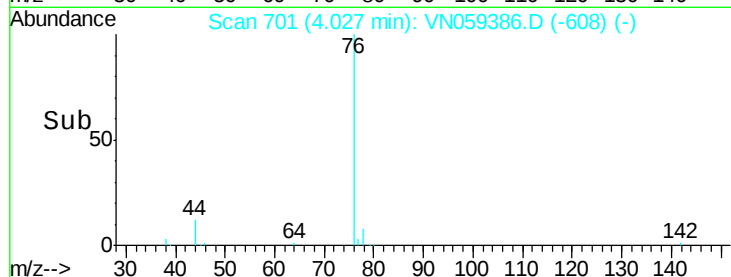
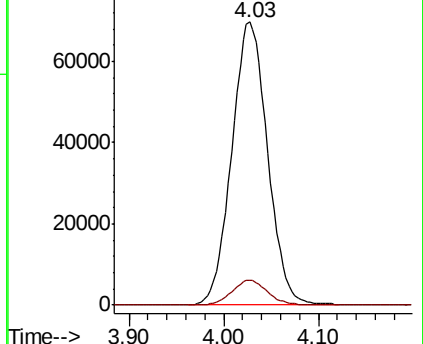
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Abundance Ion 75.90 (75.60 to 76.60): VN059386.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059386.D (-608) (-)



#18

Methyl Acetate

Concen: 15.321 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059386.D

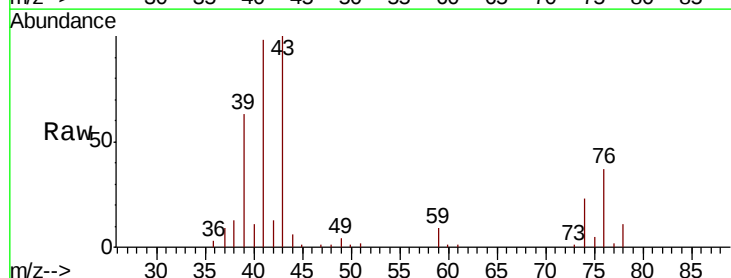
Acq: 25 Nov 2019 16:32

Tgt Ion: 43 Resp: 105017

Ion Ratio Lower Upper

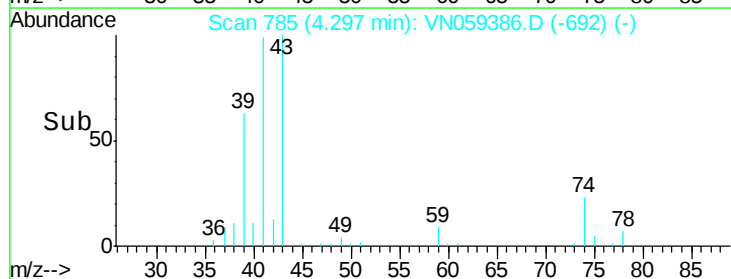
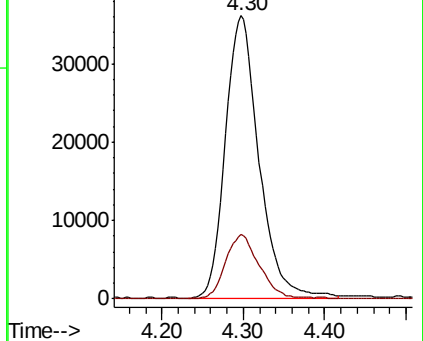
43 100

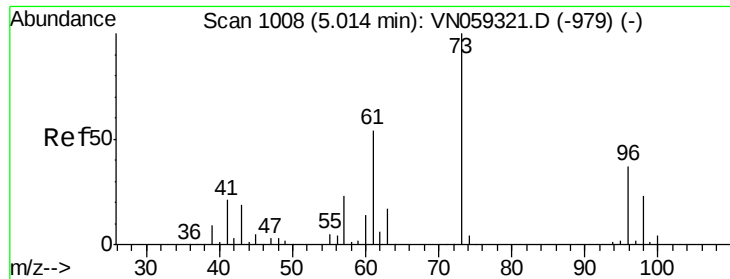
74 22.7 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN059386.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059386.D (-692) (-)





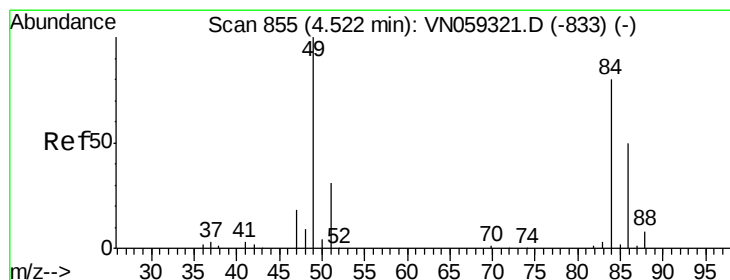
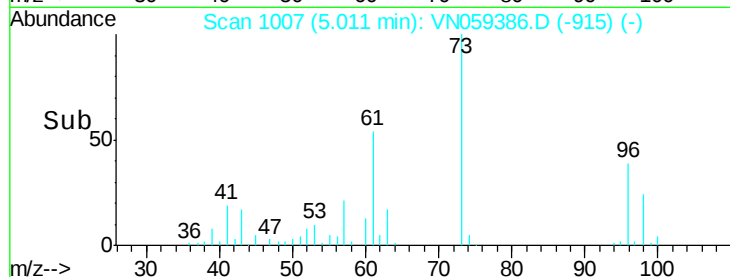
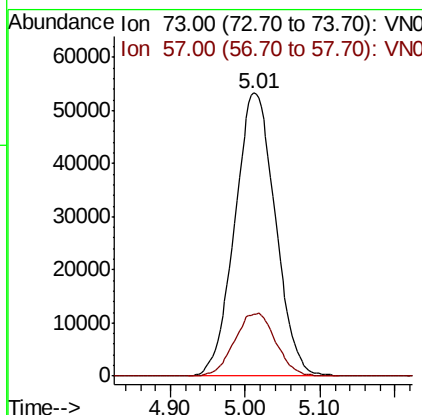
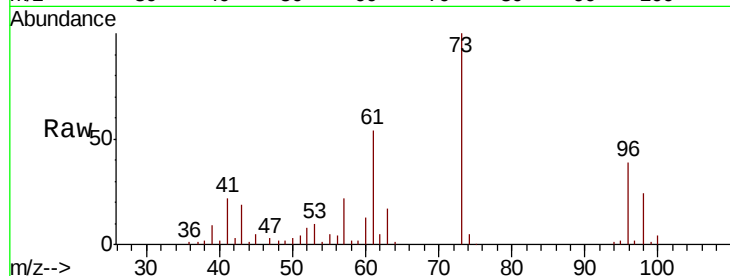
#19
Methvl tert-butvl Ether
Concen: 14.991 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion: 73 Resp: 200634
Ion Ratio Lower Upper
73 100
57 21.7 18.4 27.6

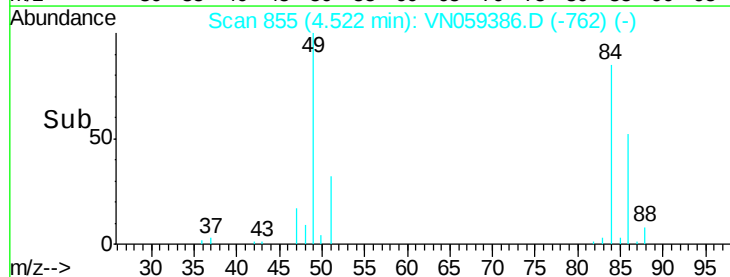
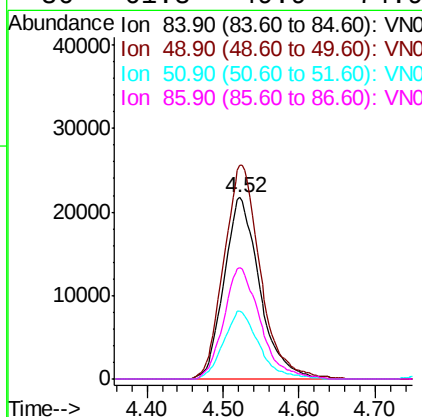
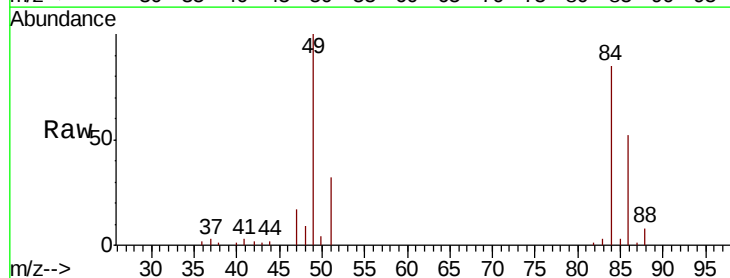
Manual Integrations
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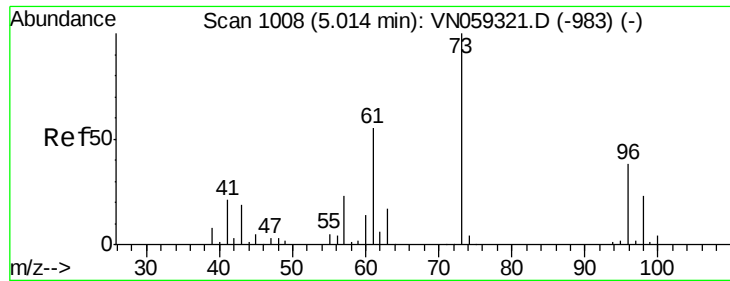
apatel
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#20
Methylene Chloride
Concen: 15.253 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion: 84 Resp: 71055
Ion Ratio Lower Upper
84 100
49 117.8 99.5 149.3
51 37.7 31.1 46.7
86 61.8 49.9 74.9





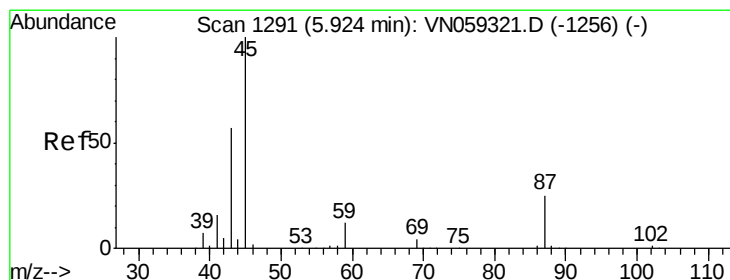
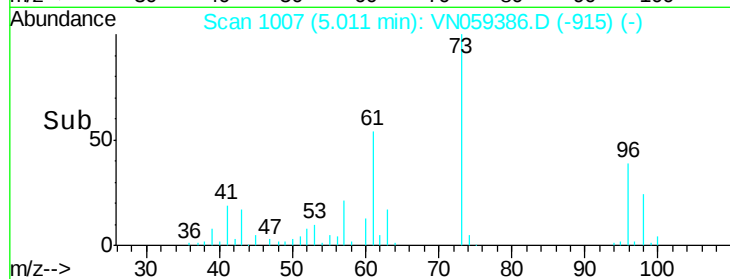
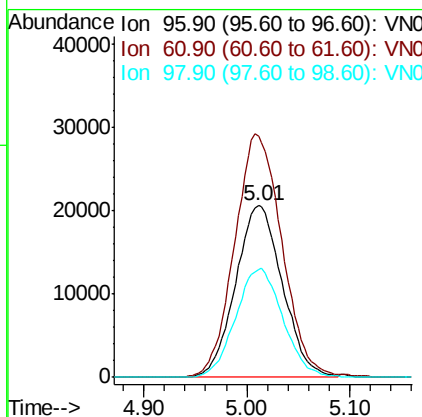
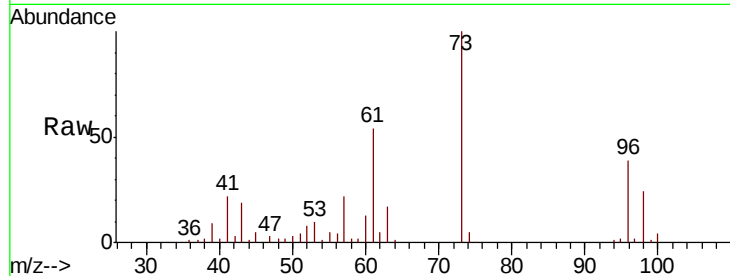
#21
trans-1,2-Dichloroethene
Concen: 14.812 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	116.4	174.6
98	63.1	49.6	74.4

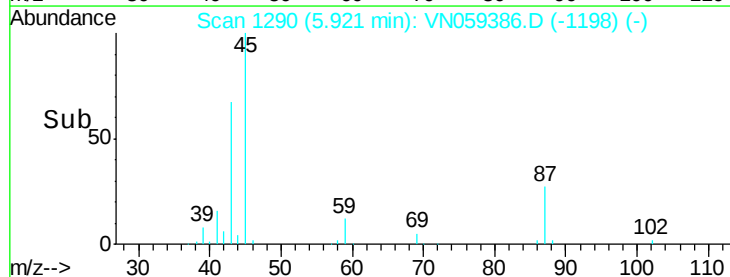
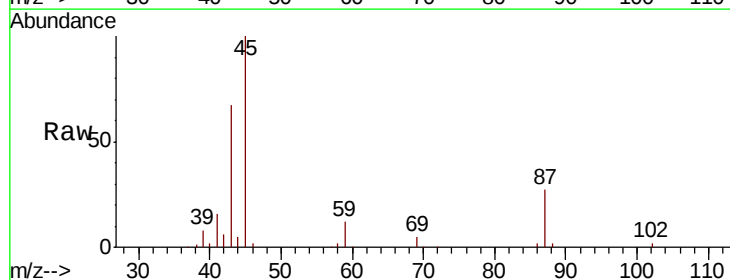
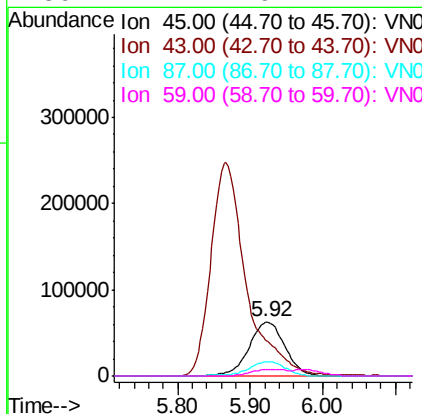
Manual Integrations
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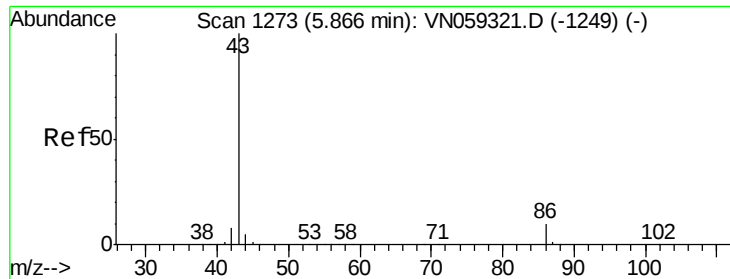
apatel
11/26/2019 12:36:59 PM



#22
Diisopropyl ether
Concen: 14.869 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.9	47.6	71.4
87	26.7	20.7	31.1
59	11.7	9.4	14.2





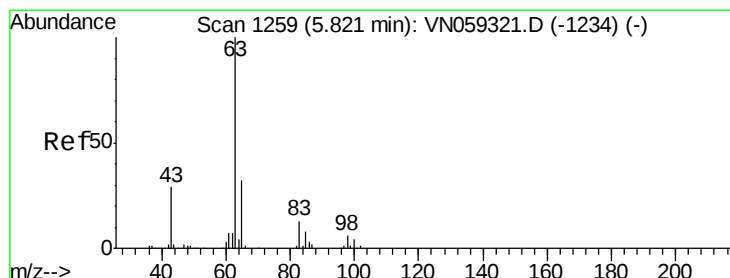
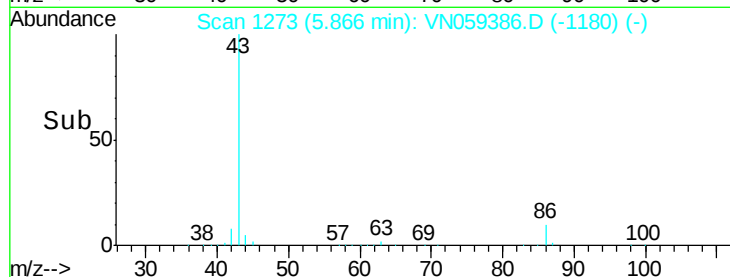
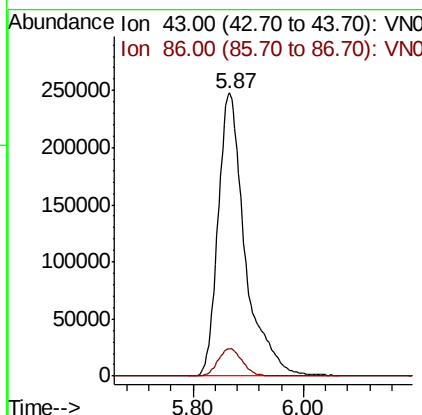
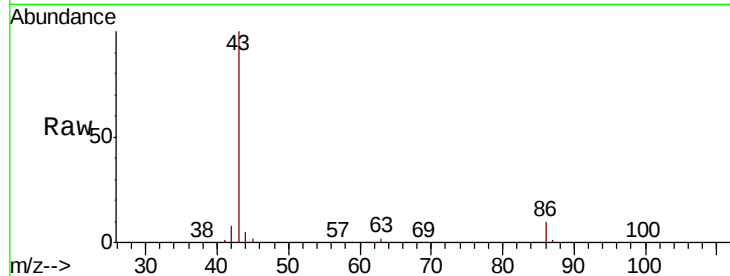
#23
 Vinyl Acetate
 Concen: 73.457 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	43	Resp	841884
Ion Ratio	100	Lower	Upper
43	100		
86	9.8	8.0	12.0

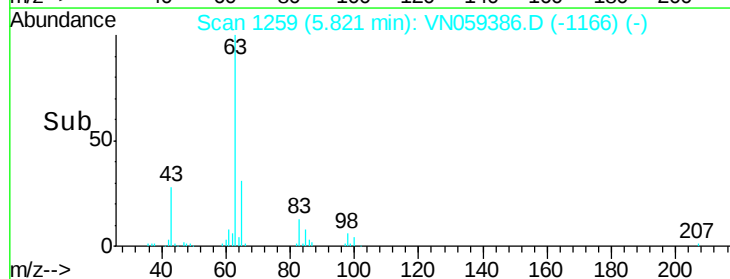
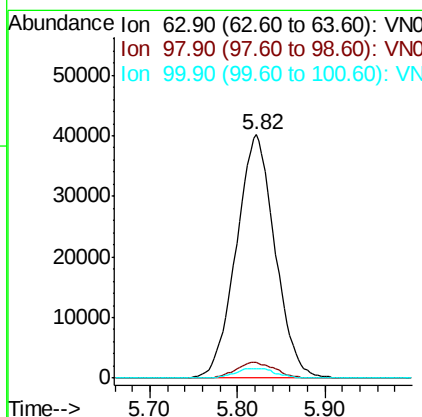
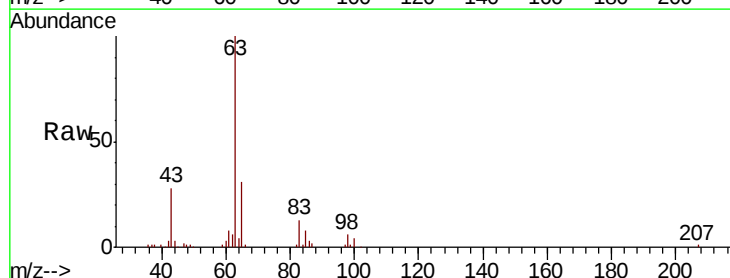
Manual Integrations
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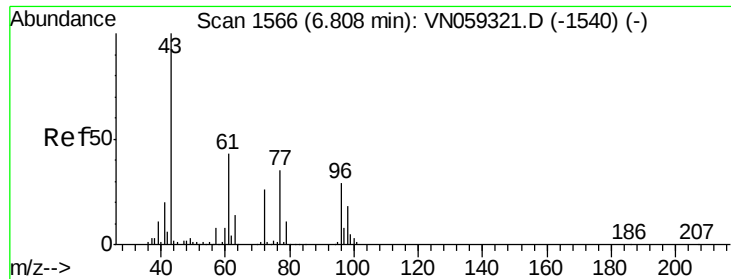
apatel
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#24
 1,1-Dichloroethane
 Concen: 15.023 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	63	Resp	123242
Ion Ratio	100	Lower	Upper
63	100		
98	6.3	2.9	8.8
100	4.0	1.9	5.7





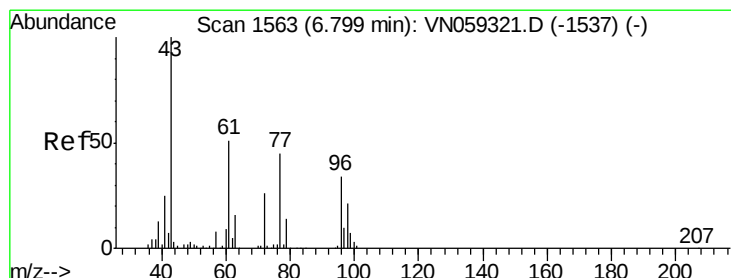
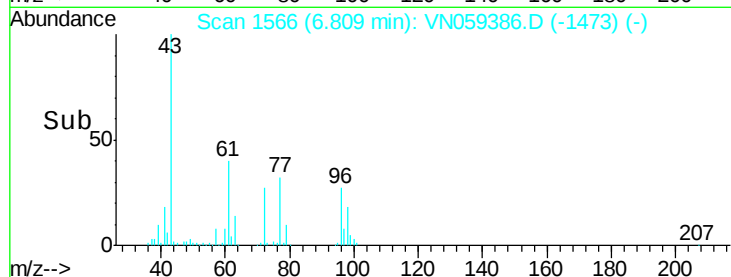
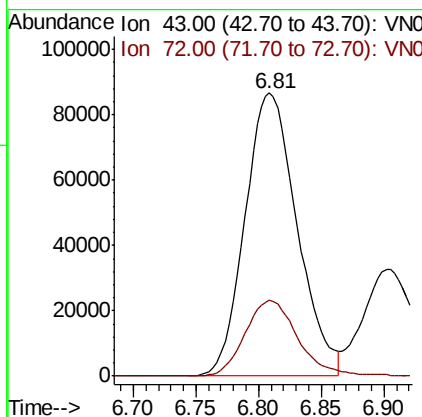
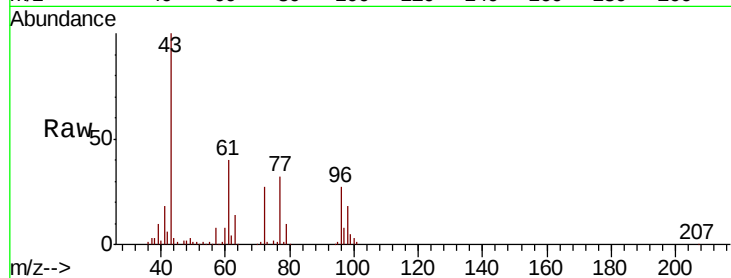
#25
2-Butanone
Concen: 77.971 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion: 43 Resp: 250424
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7

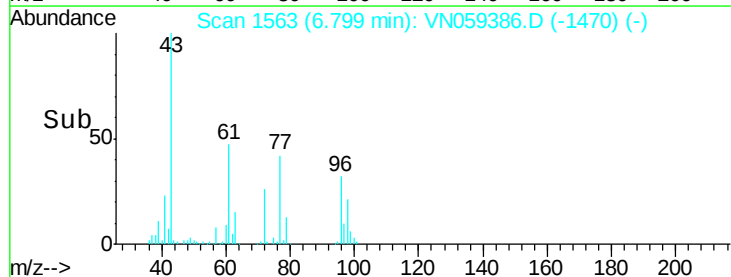
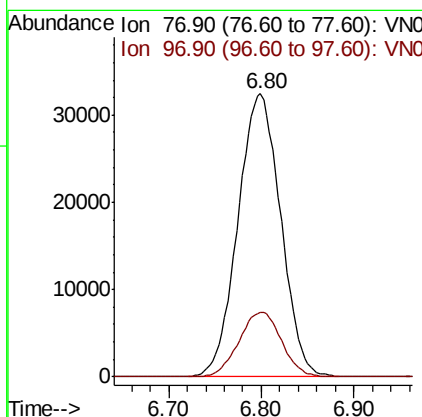
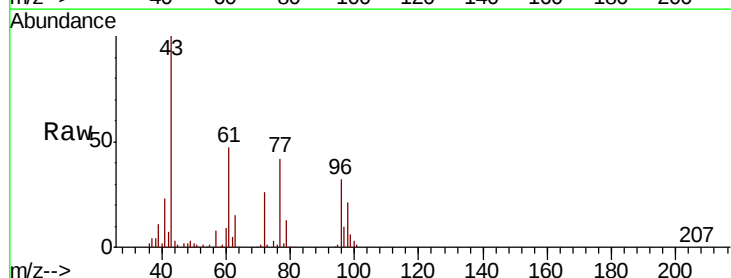
Manual Integrations
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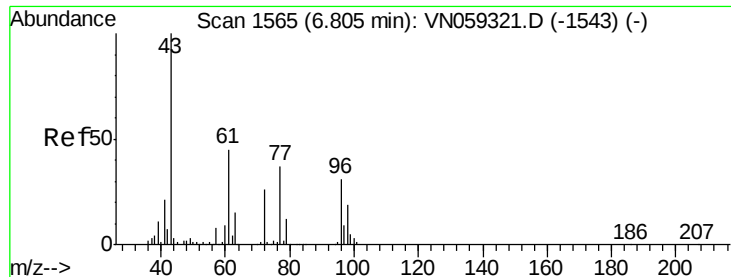
apatel
11/26/2019 12:36:59 PM



#26
2,2-Dichloropropane
Concen: 14.627 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion: 77 Resp: 103902
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 14.831 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

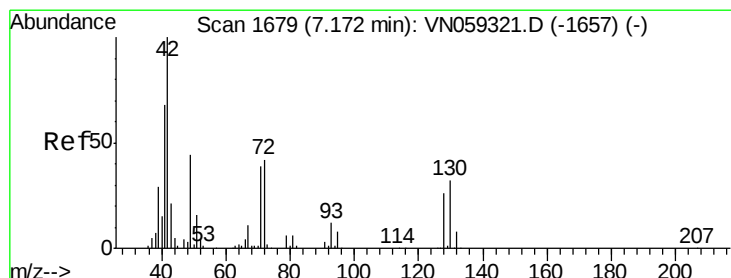
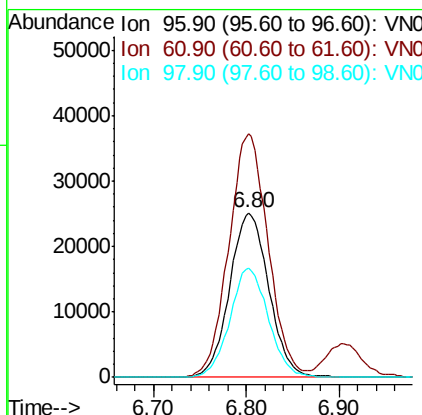
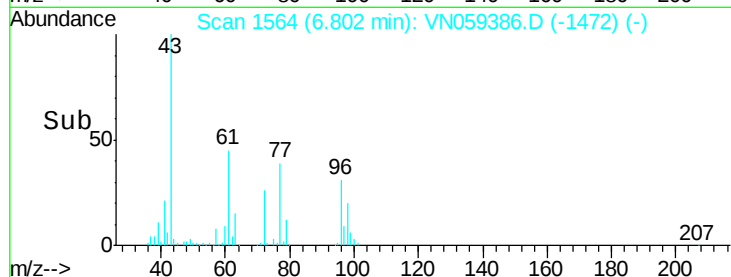
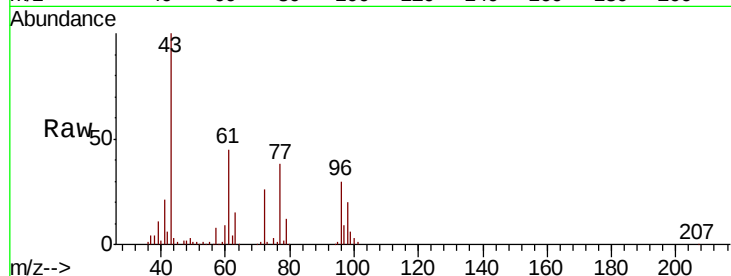
ClientSampleId :

VN1125WBSD02

Tot Ion:	96	Resp:	73482
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	304.0
98	65.3	0.0	128.4

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#28

Bromochloromethane

Concen: 16.305 ug/l

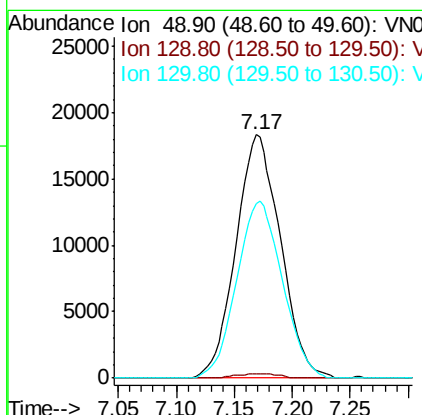
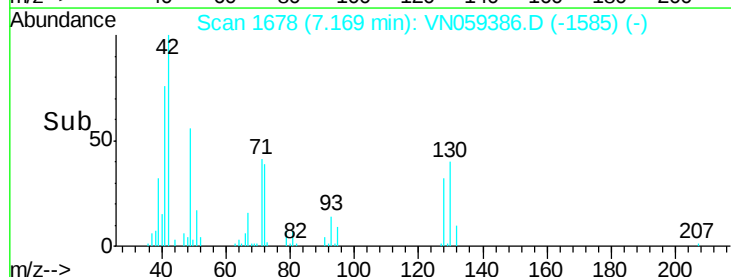
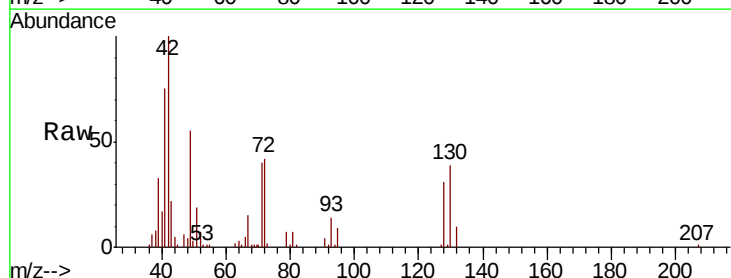
RT: 7.17 min Scan# 1678

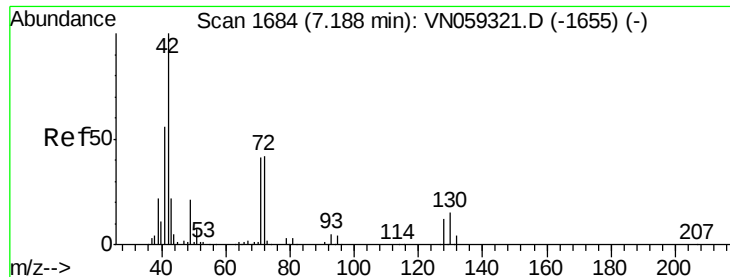
Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	49	Resp:	48929
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	74.4	57.0	85.6





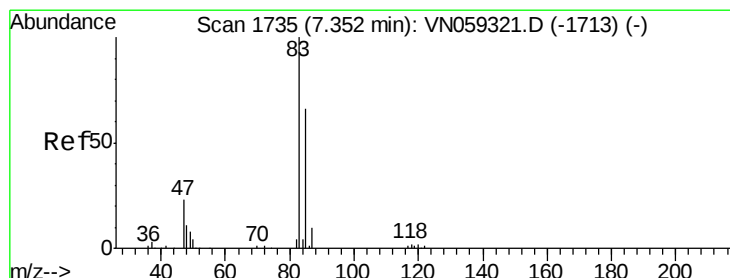
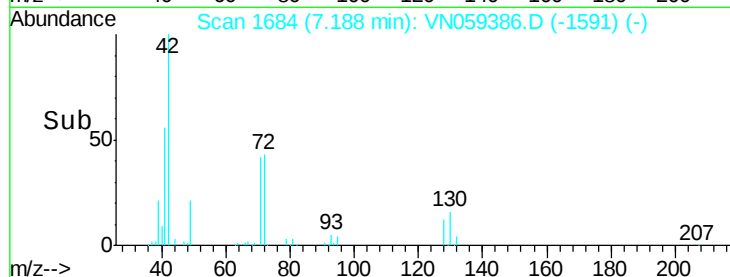
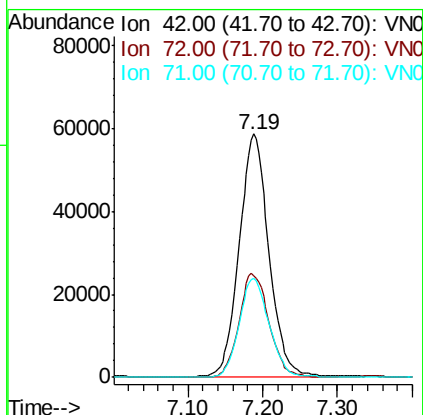
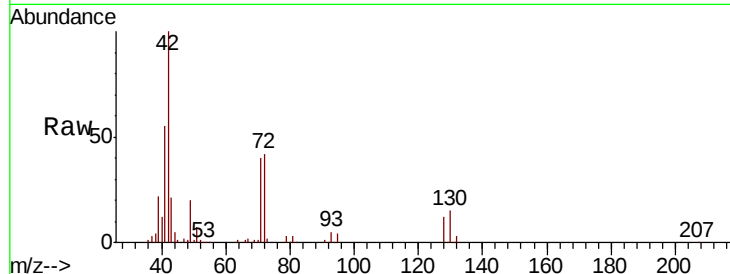
#29
Tetrahydrofuran
Concen: 73.326 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.2	51.2
71	41.0	32.6	48.8

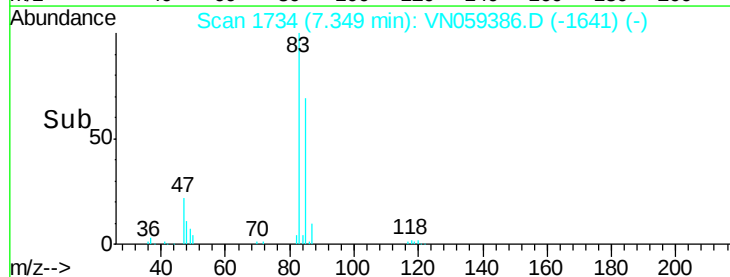
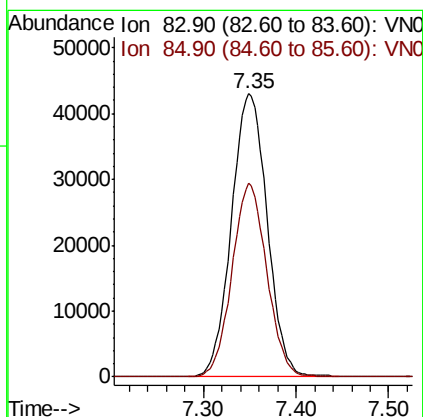
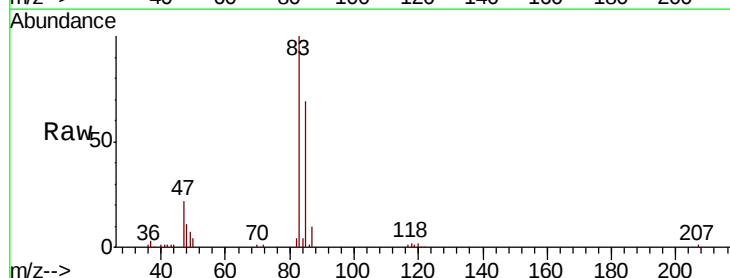
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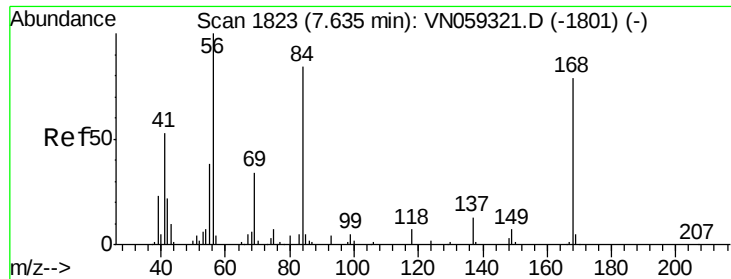
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#30
Chloroform
Concen: 14.353 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	52.7	79.1





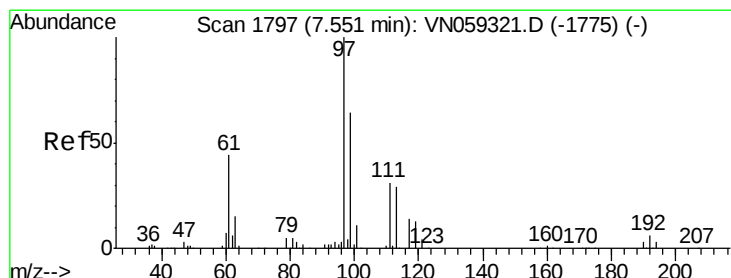
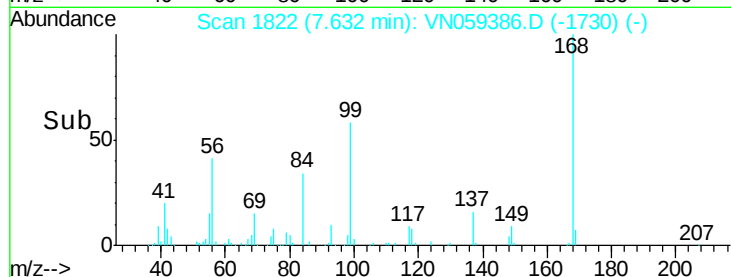
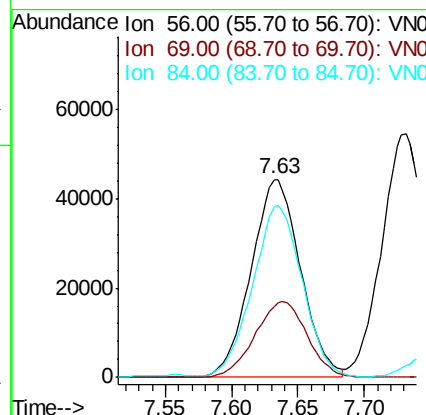
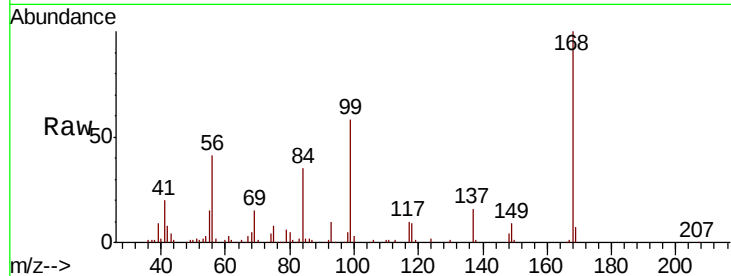
#31
Cyclohexane
Concen: 14.234 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	26.6	40.0
84	85.7	67.0	100.4

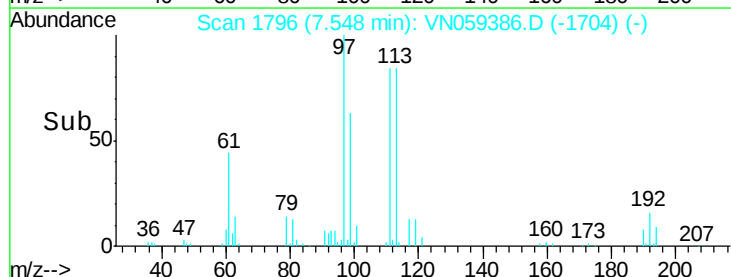
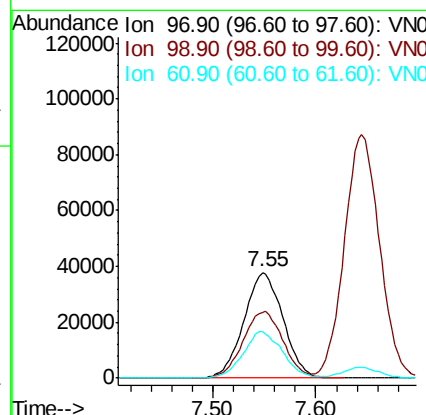
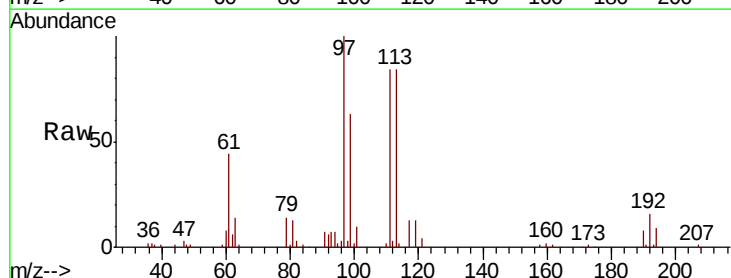
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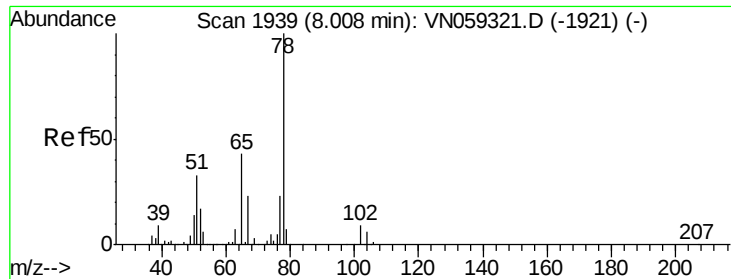
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#32
1,1,1-Trichloroethane
Concen: 14.546 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	44.1	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 49.230 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 65 Resp: 226775

Ion Ratio Lower Upper

65 100

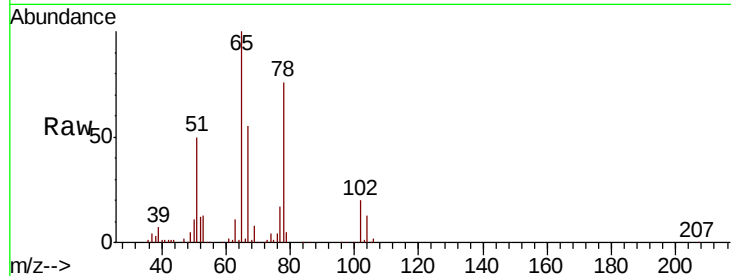
67 54.9 0.0 109.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN059386.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059386.D (-1846) (-)

8.01

100000

80000

60000

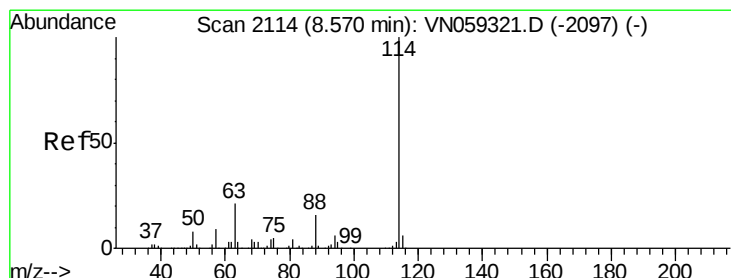
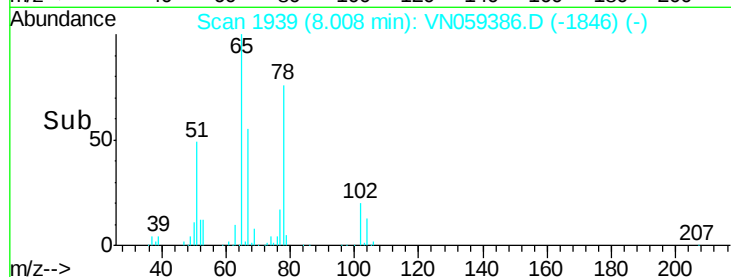
40000

20000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

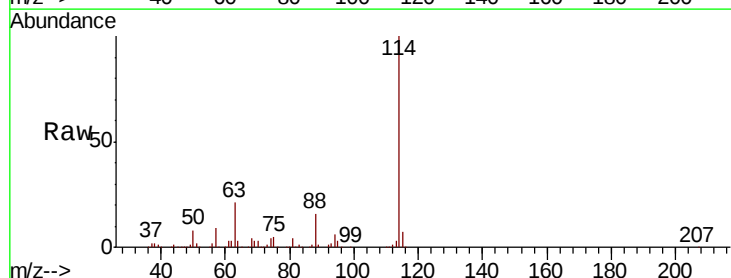
Tgt Ion: 114 Resp: 602034

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059386.D (-2021) (-)

Ion 63.00 (62.70 to 63.70): VN059386.D (-2021) (-)

Ion 87.90 (87.60 to 88.60): VN059386.D (-2021) (-)

8.57

400000

300000

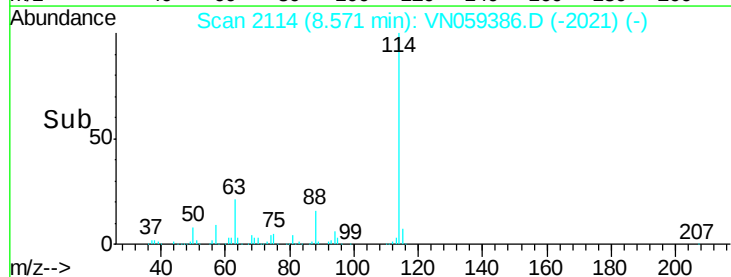
200000

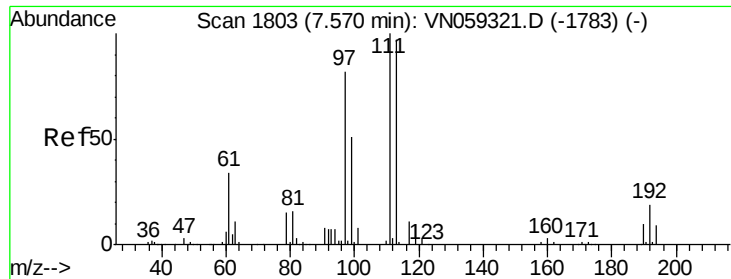
100000

0

8.50 8.60 8.70

Time-->





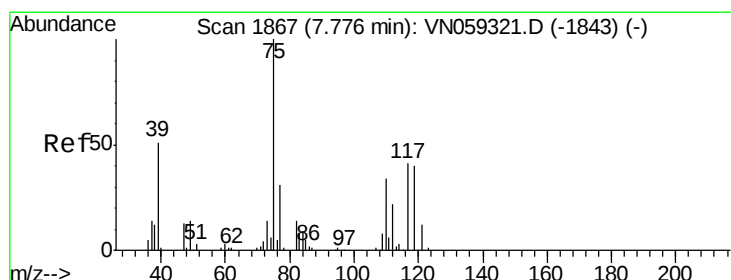
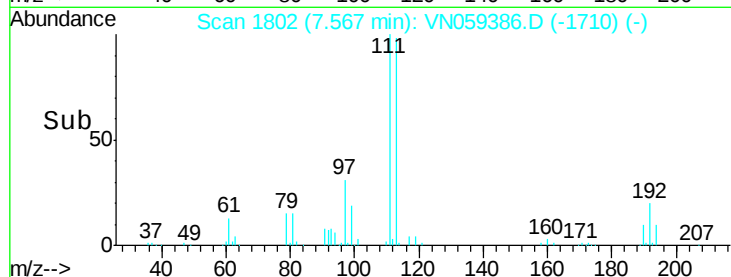
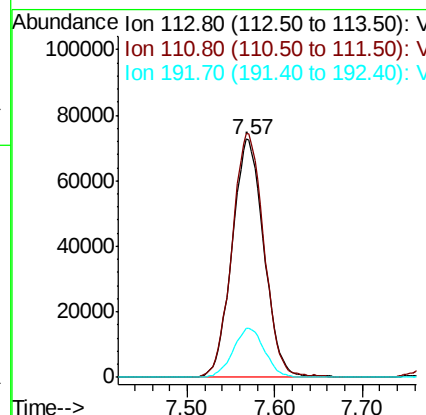
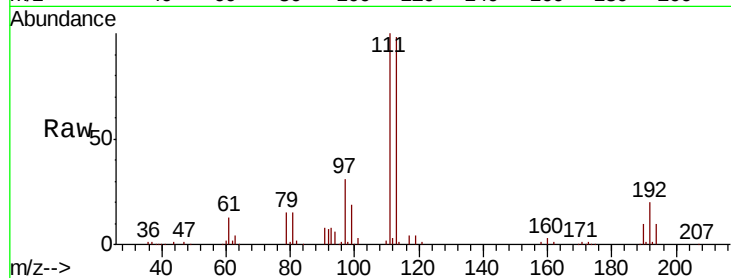
#35
 Dibromofluoromethane
 Concen: 50.829 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	183589		
111	102.7	82.7	124.1	
192	20.4	16.3	24.5	

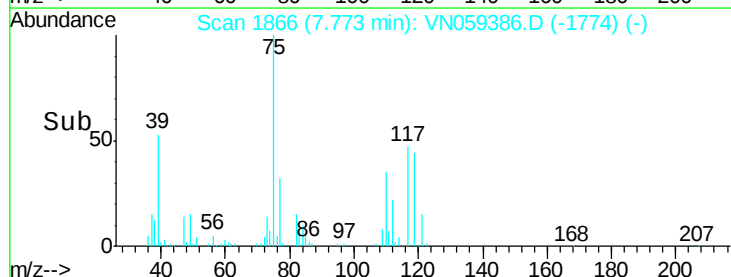
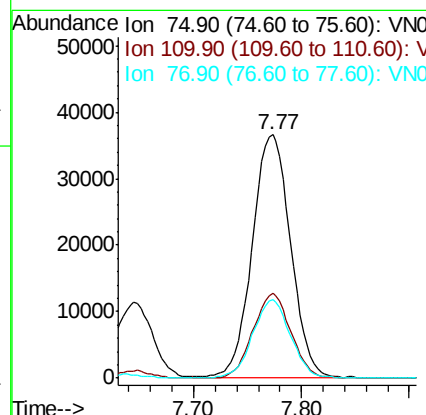
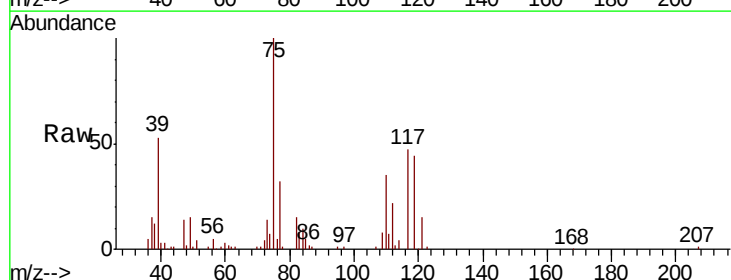
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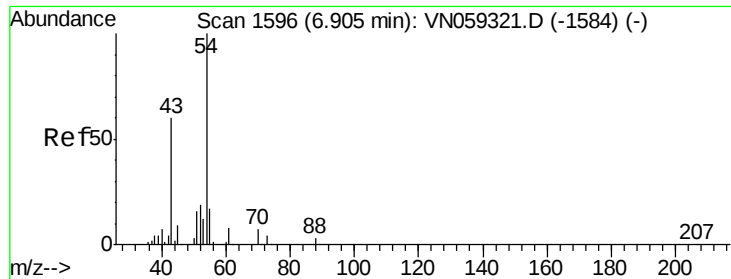
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#36
 1,1-Dichloropropene
 Concen: 14.612 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90817		
110	34.1	17.0	51.0	
77	31.6	24.8	37.2	





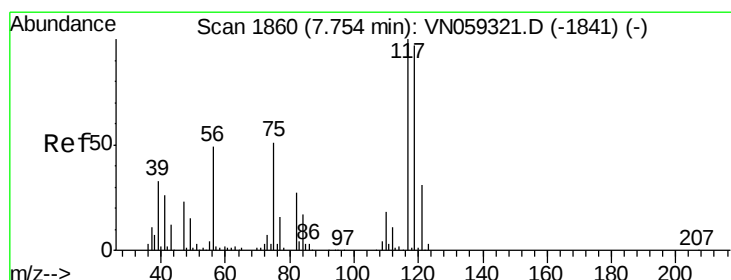
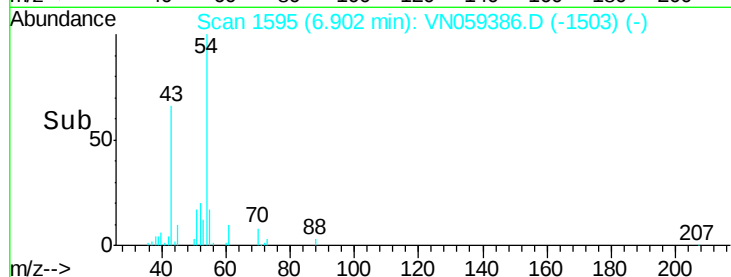
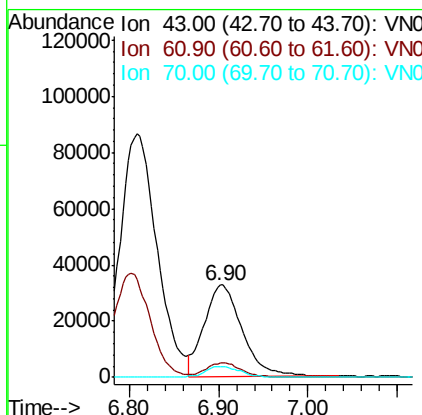
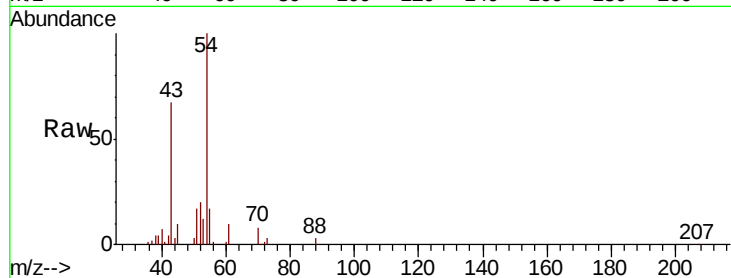
#37
Ethyl Acetate
Concen: 14.418 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.0	16.6
70	10.7	8.8	13.2

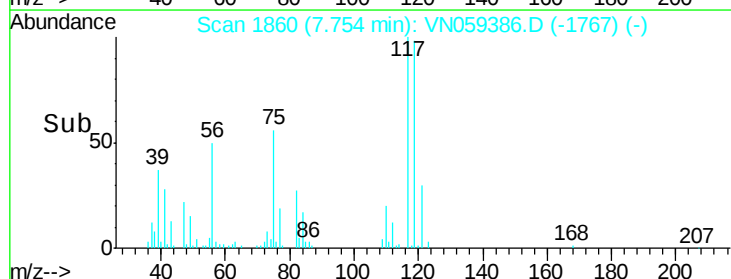
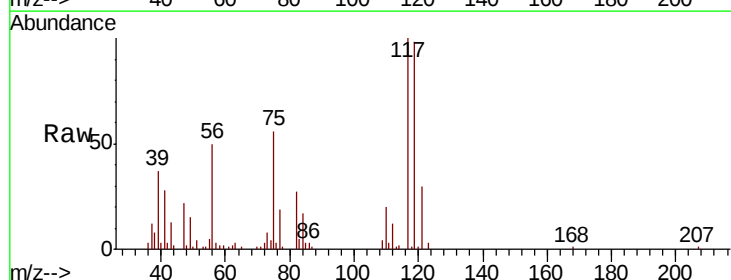
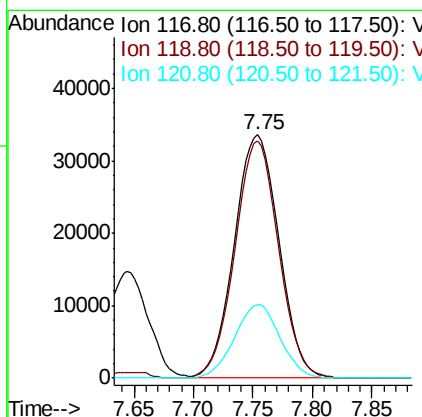
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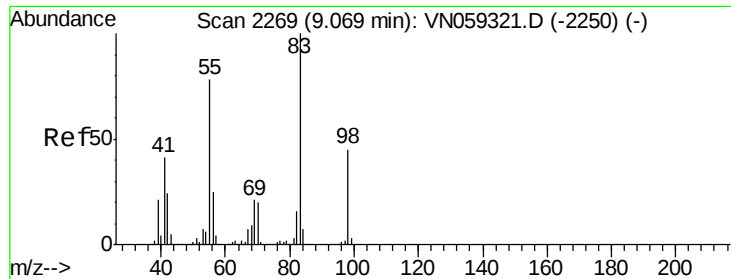
apatel
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#38
Carbon Tetrachloride
Concen: 14.695 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
121	30.3	24.4	36.6





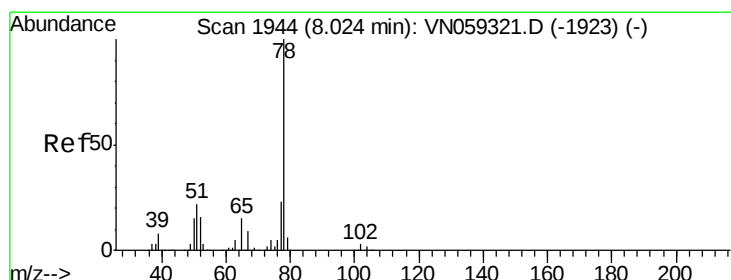
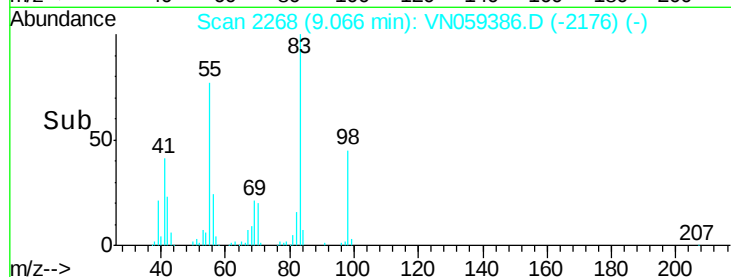
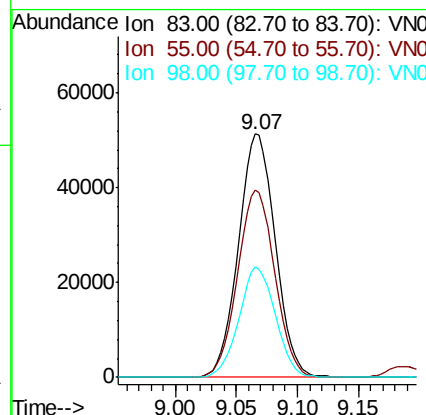
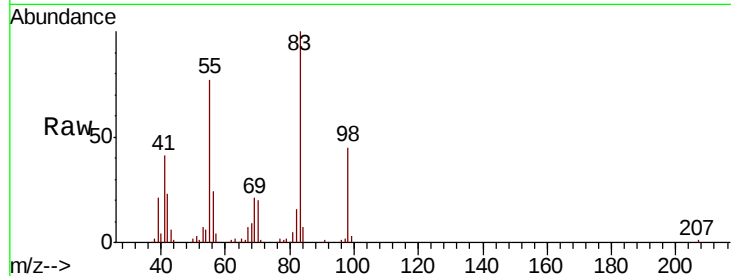
#39
Methvlcvclohexane
Concen: 14.319 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.9	62.3	93.5	
98	45.4	36.0	54.0	

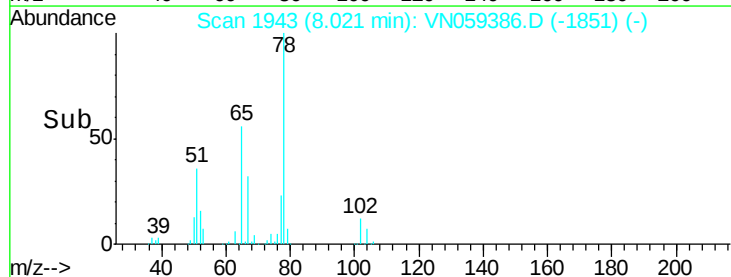
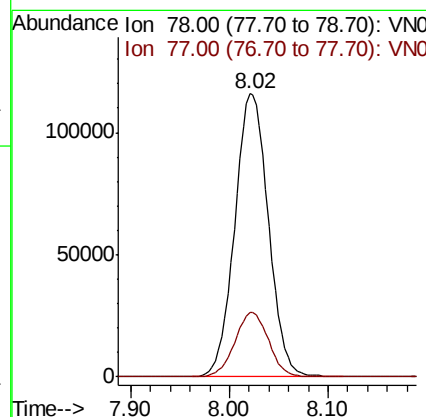
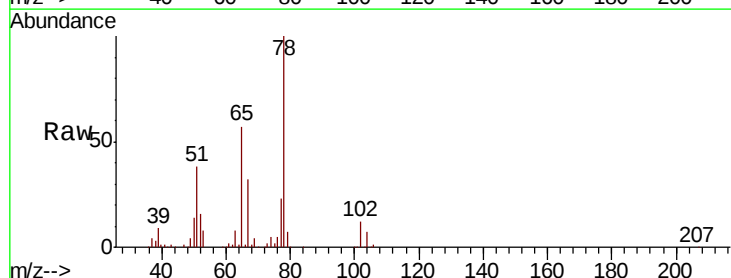
Manual Integrations
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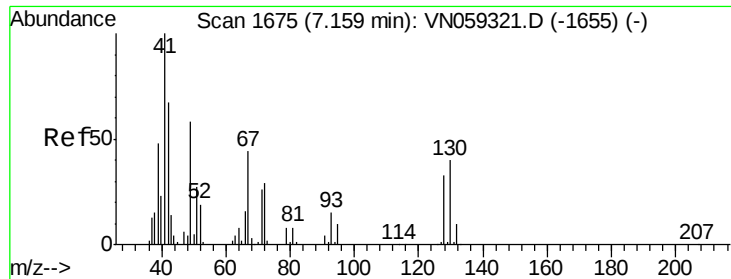
apatel
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#40
Benzene
Concen: 15.063 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	18.4	27.6	





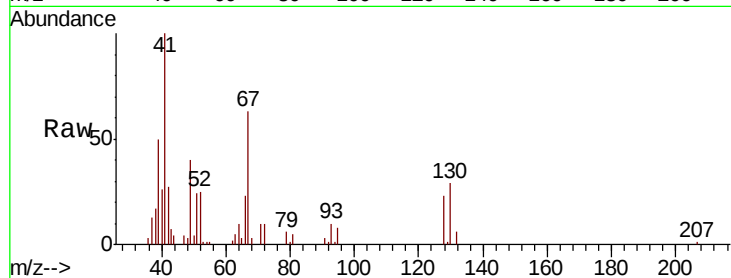
#41
Methacrylonitrile
Concen: 15.619 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

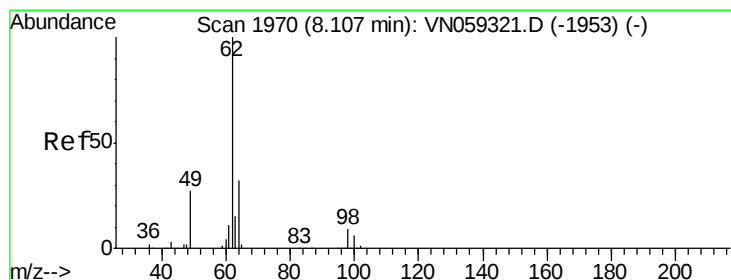
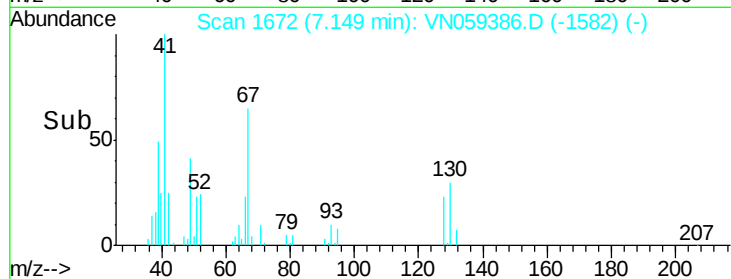
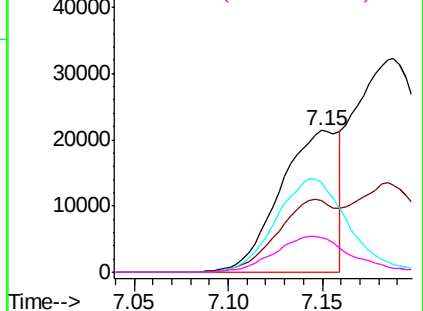
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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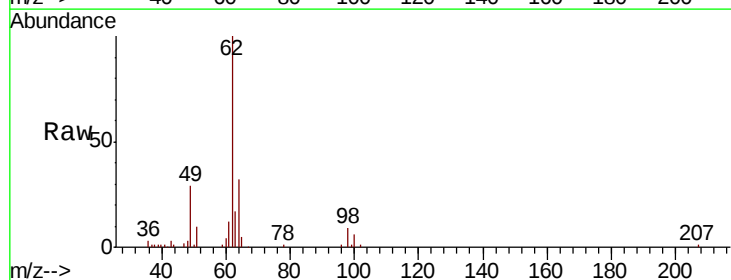


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

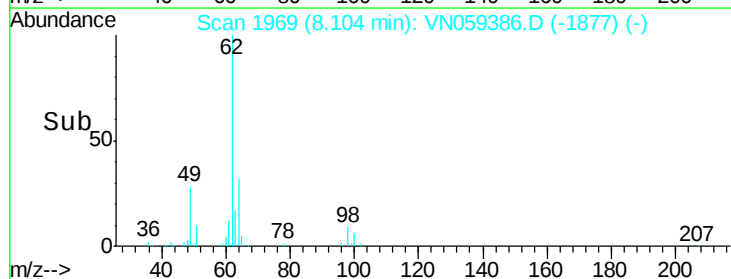
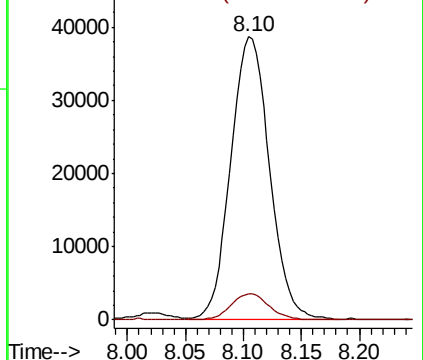


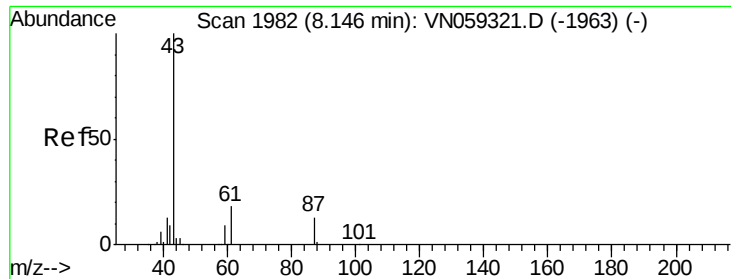
#42
1,2-Dichloroethane
Concen: 14.898 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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





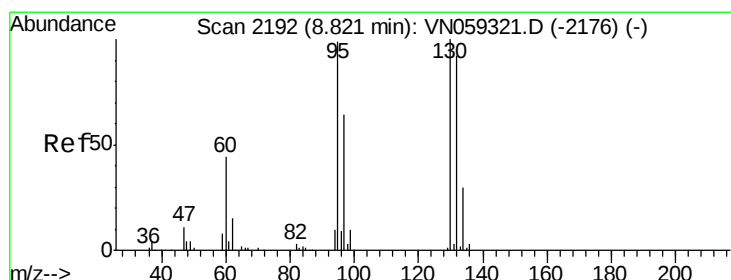
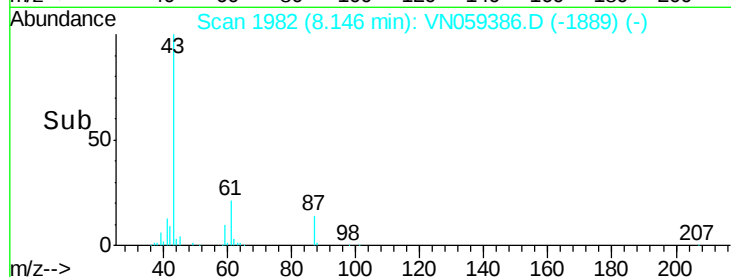
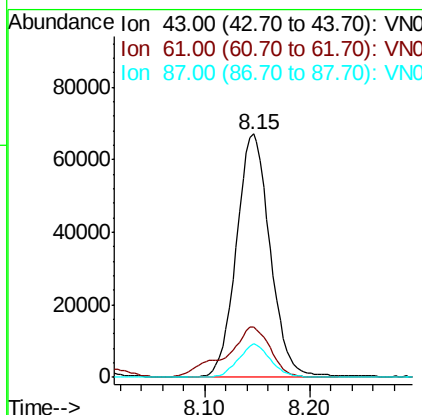
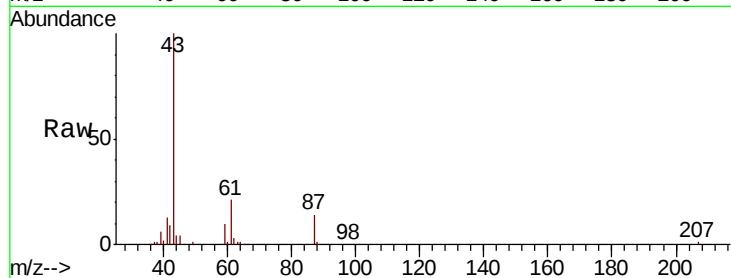
#43
Isopropyl Acetate
Concen: 14.491 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.7	32.5
87	13.3	10.2	15.4

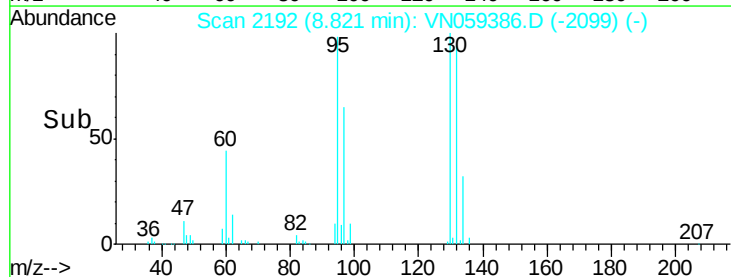
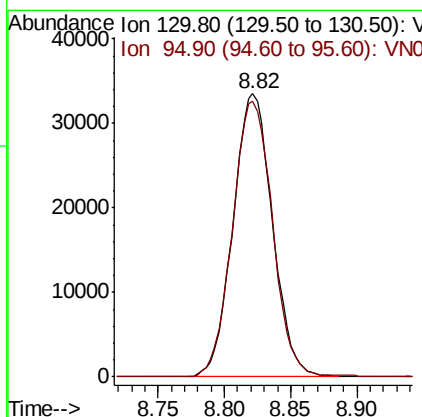
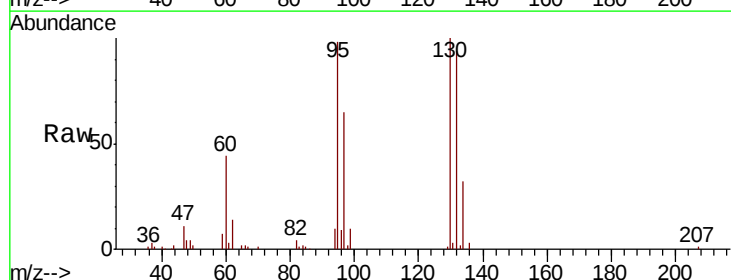
Manual Integrations
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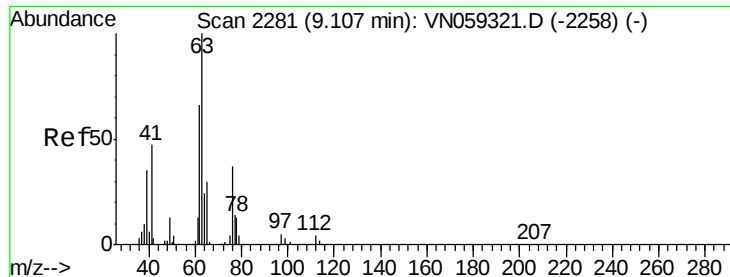
apatel
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#44
Trichloroethene
Concen: 14.918 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	198.4





#45

1,2-Dichloropropane

Concen: 15.074 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 63 Resp: 73325

Ion Ratio Lower Upper

63 100

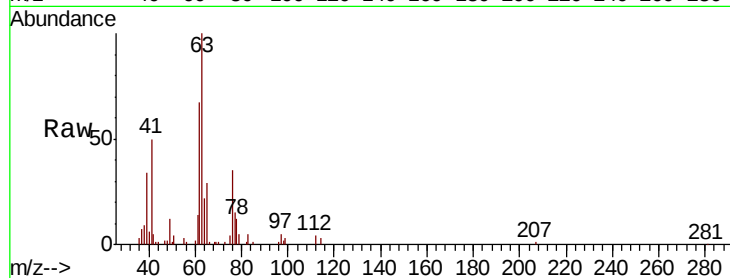
65 29.3 23.9 35.9

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

40000

30000

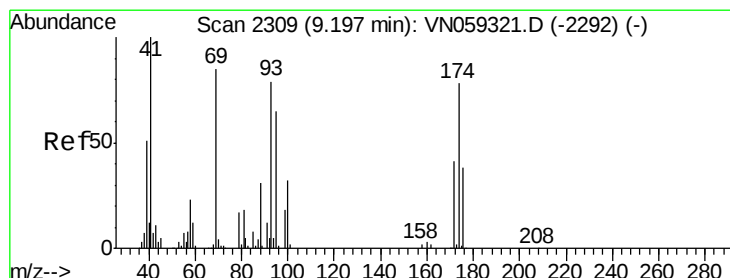
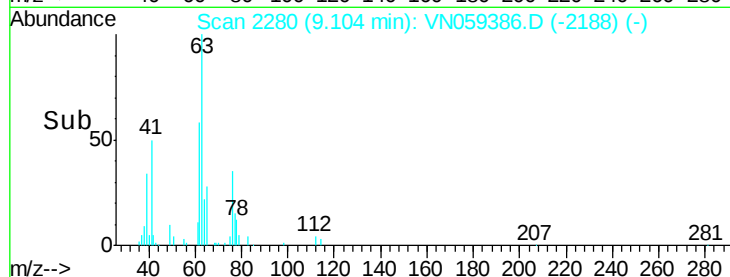
20000

10000

0

Time-->

9.00 9.05 9.10 9.15 9.20



#46

Dibromomethane

Concen: 15.271 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

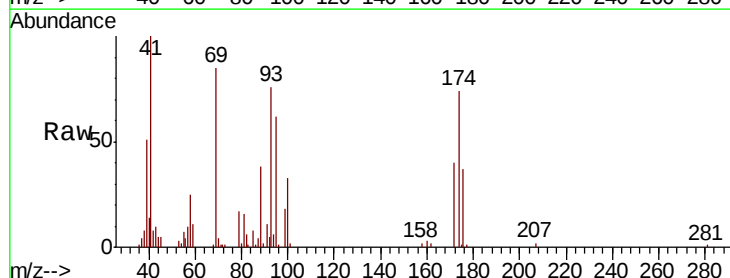
Tgt Ion: 93 Resp: 45562

Ion Ratio Lower Upper

93 100

95 80.7 66.9 100.3

174 99.1 80.6 120.8



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.19

30000

25000

20000

15000

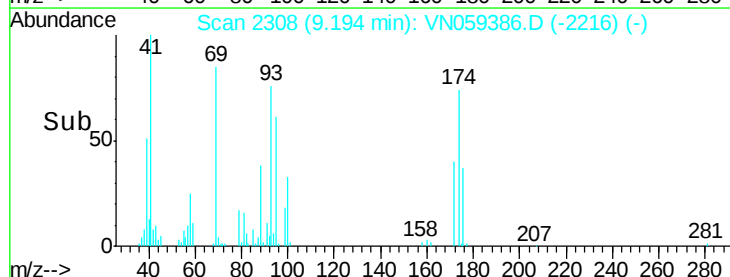
10000

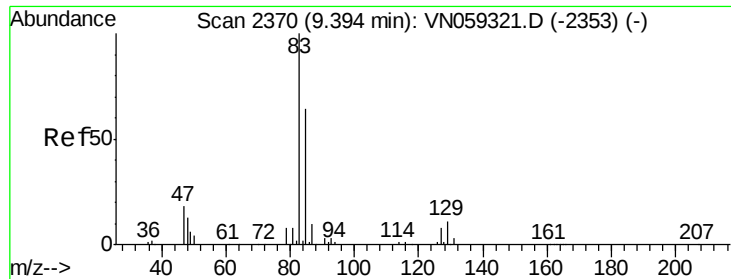
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 14.773 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

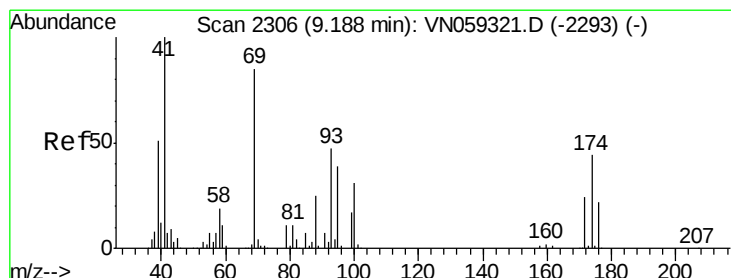
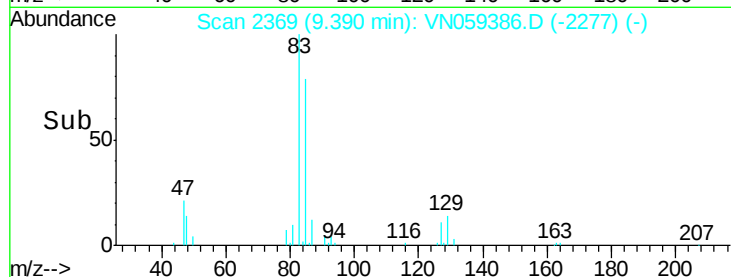
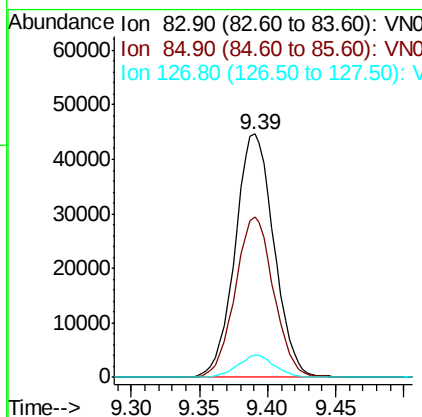
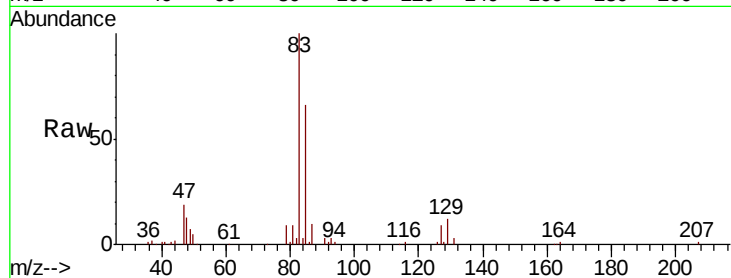
ClientSampleId :

VN1125WBSD02

Tot Ion:	83	Resp:	88273
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.5	77.3
127	8.9	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 13.737 ug/l

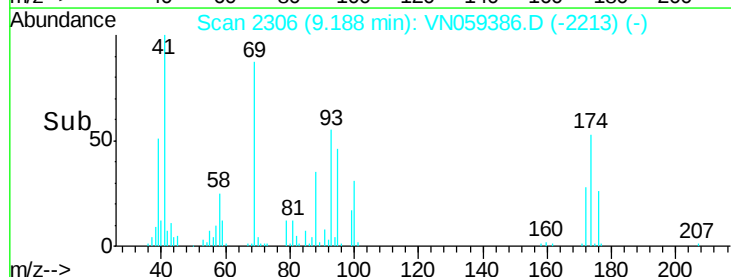
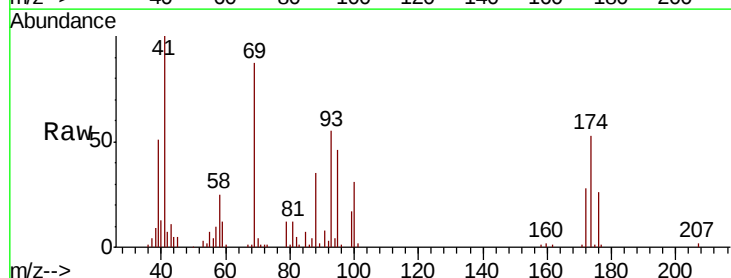
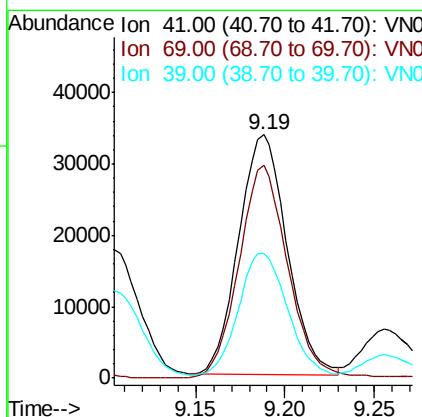
RT: 9.19 min Scan# 2306

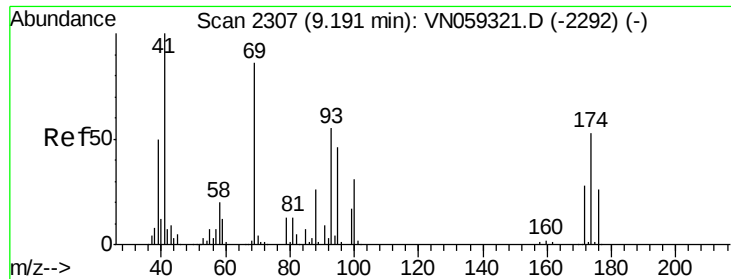
Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	41	Resp:	63768
Ion Ratio	Lower	Upper	
41	100		
69	90.0	68.8	103.2
39	53.3	42.1	63.1





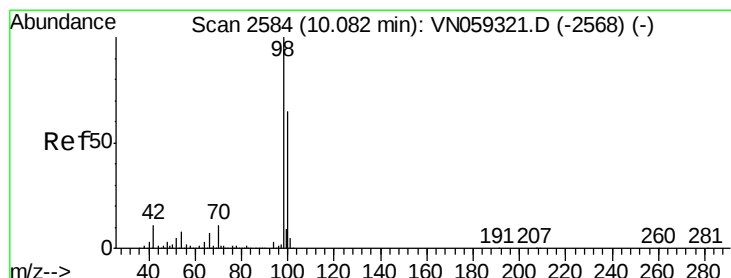
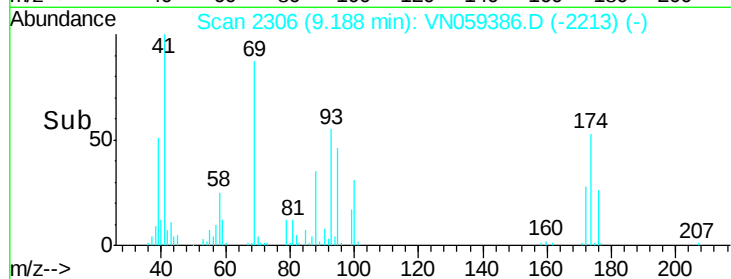
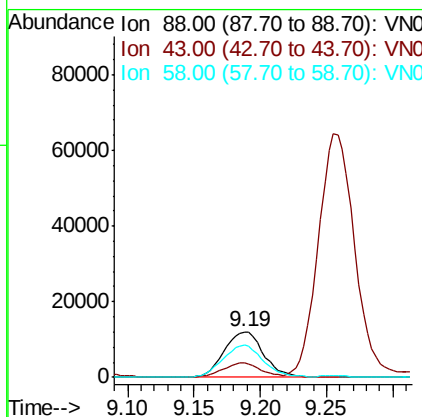
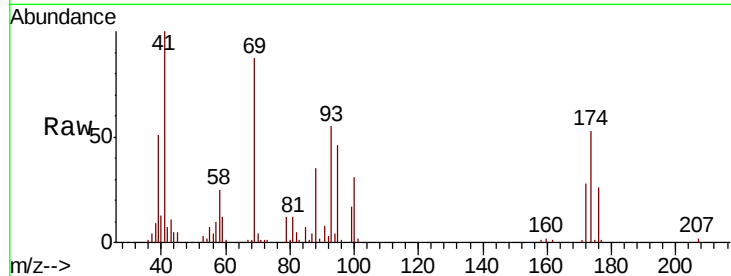
#49
1,4-Dioxane
Concen: 358.332 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	88	Resp	25000
Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.9	40.3
58	71.8	59.2	88.8

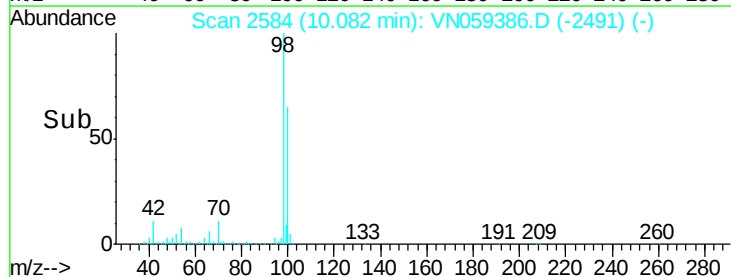
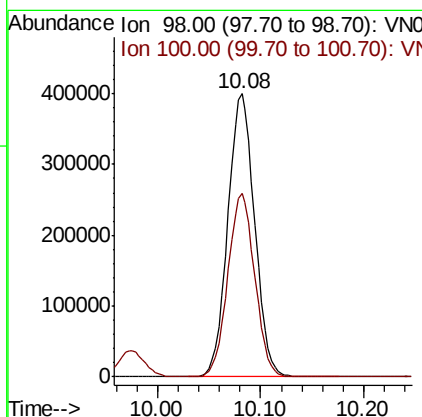
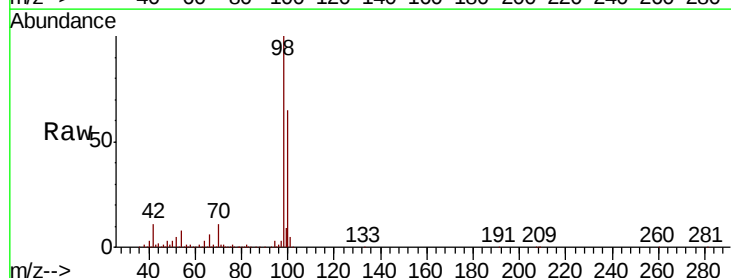
Manual Integrations
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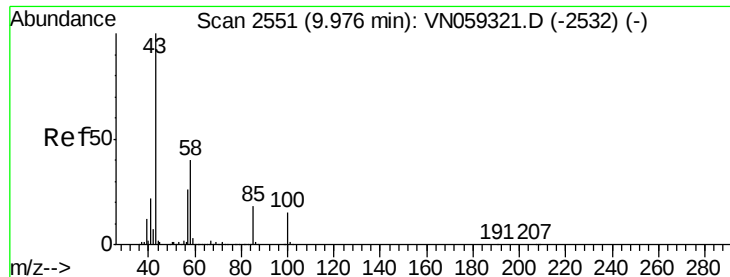
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#50
Toluene-d8
Concen: 50.429 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	98	Resp	724103
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 76.657 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 43 Resp: 458036

Ion Ratio Lower Upper

43 100

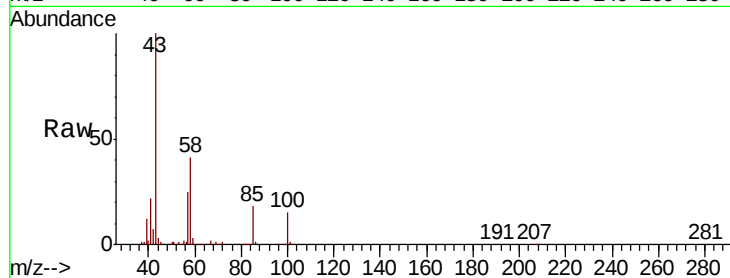
58 40.3 31.8 47.8

Manual Integrations

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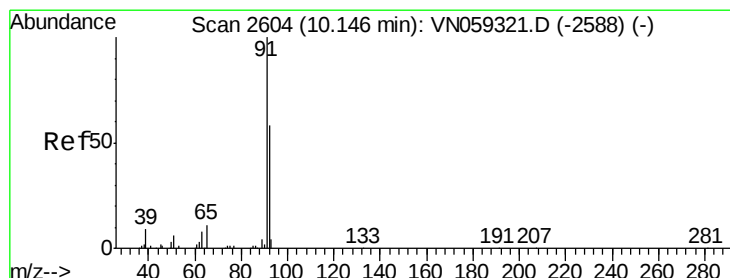
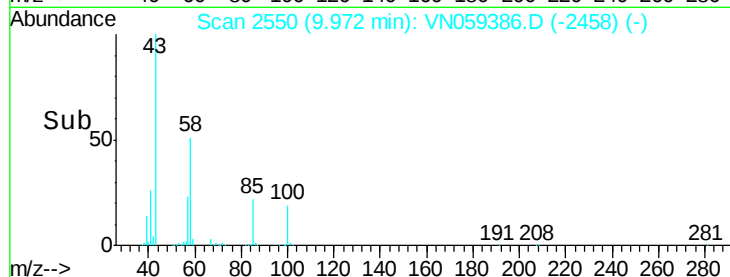
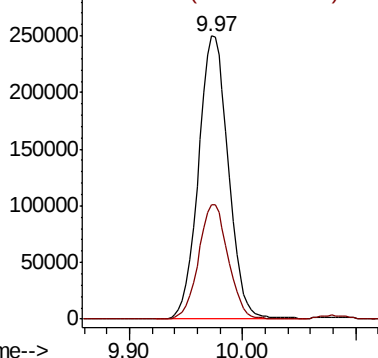
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 15.127 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059386.D

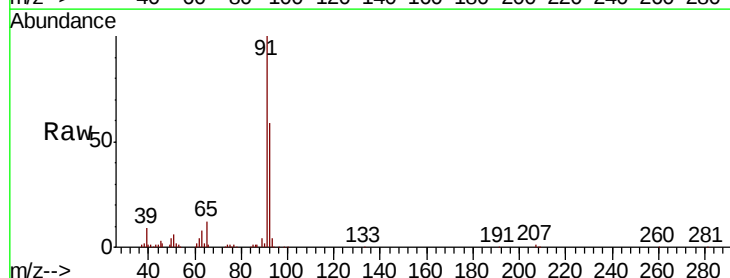
Acq: 25 Nov 2019 16:32

Tgt Ion: 92 Resp: 165923

Ion Ratio Lower Upper

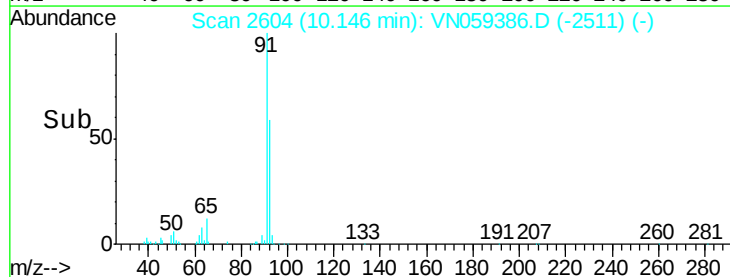
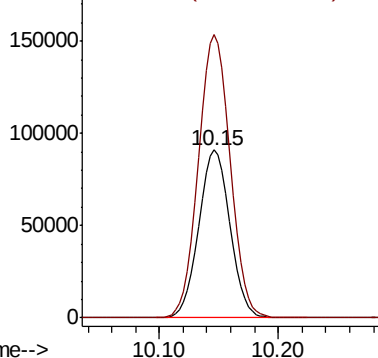
92 100

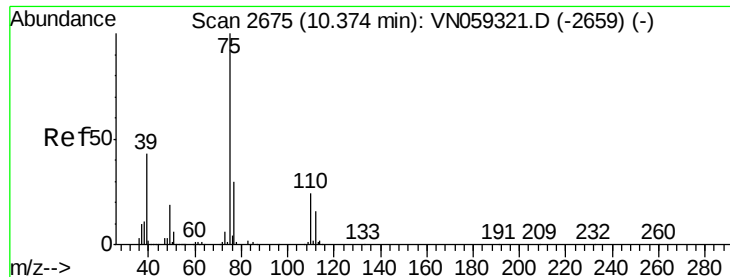
91 171.2 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 14.849 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 75 Resp: 103140

Ion Ratio Lower Upper

75 100

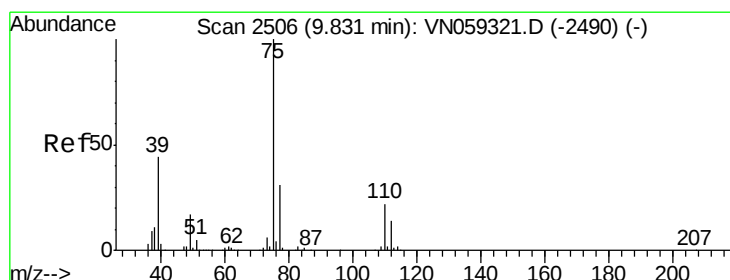
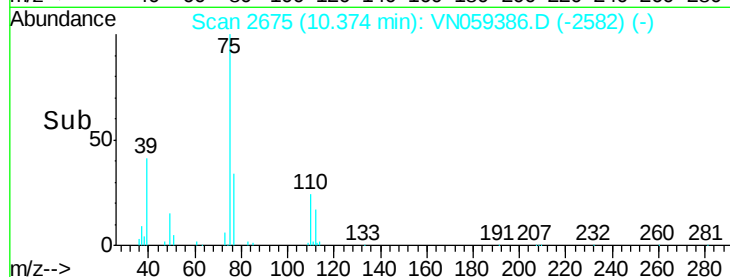
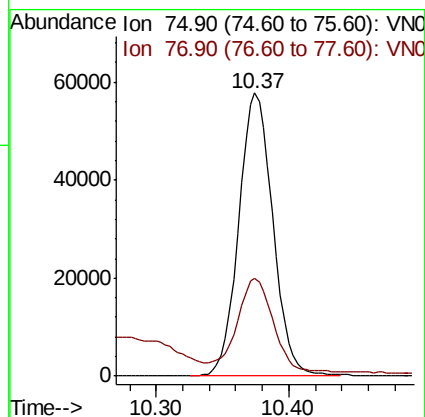
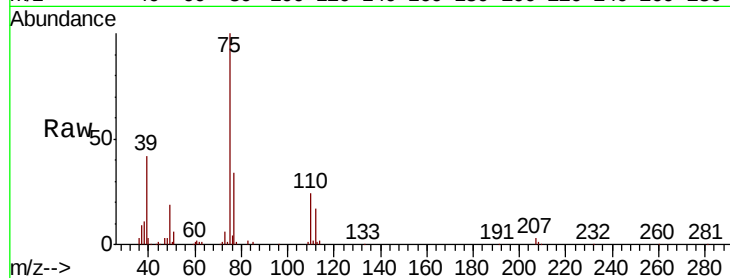
77 33.0 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 14.816 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

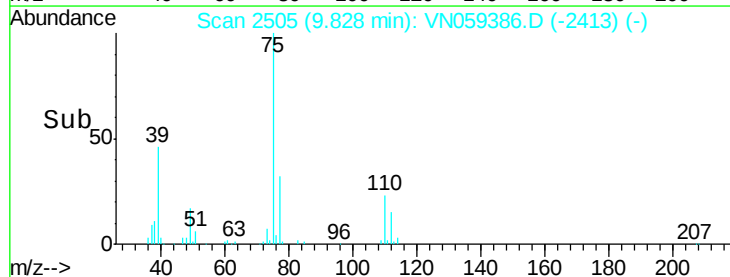
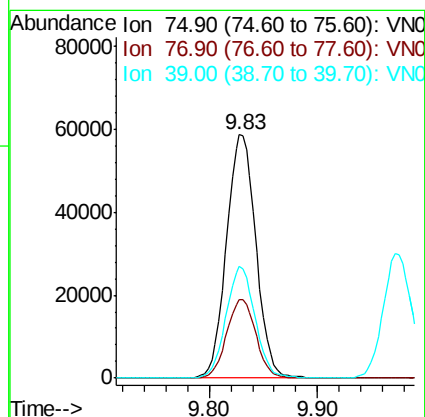
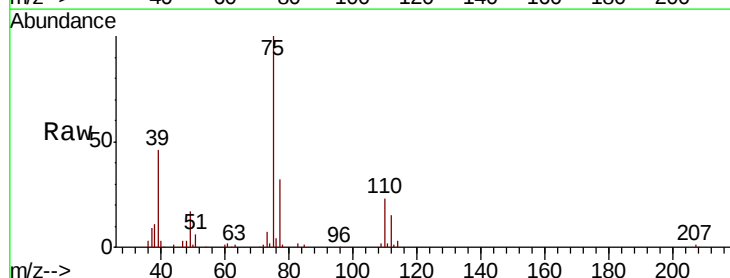
Tgt Ion: 75 Resp: 111671

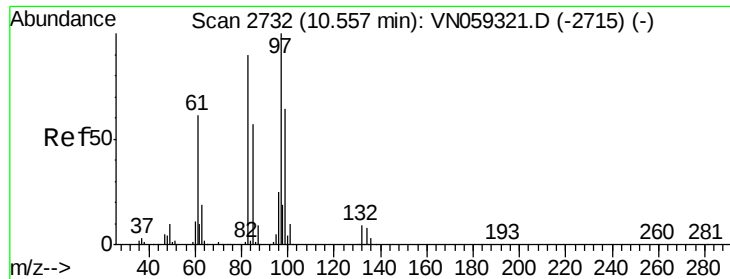
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 45.7 35.5 53.3





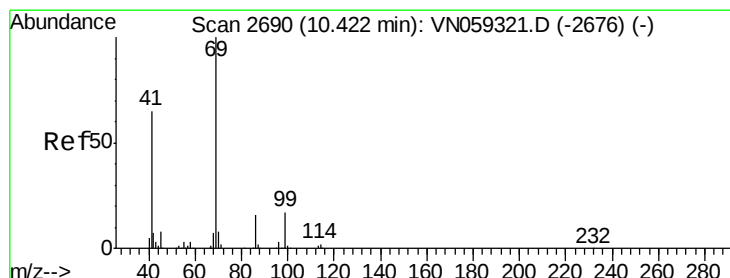
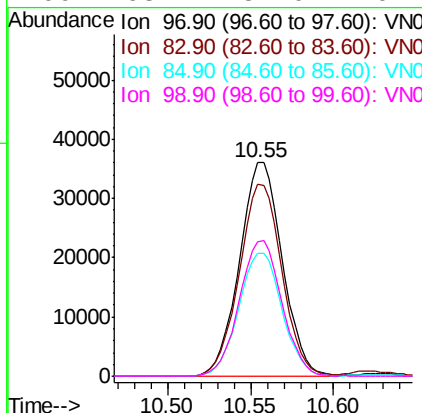
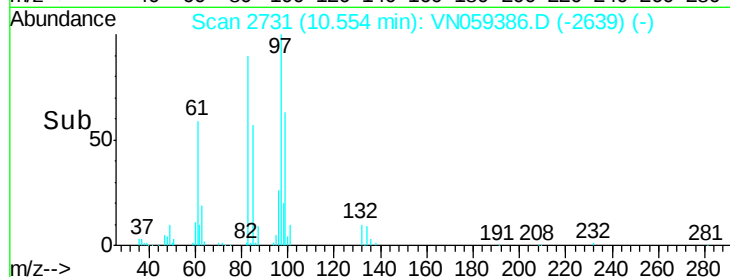
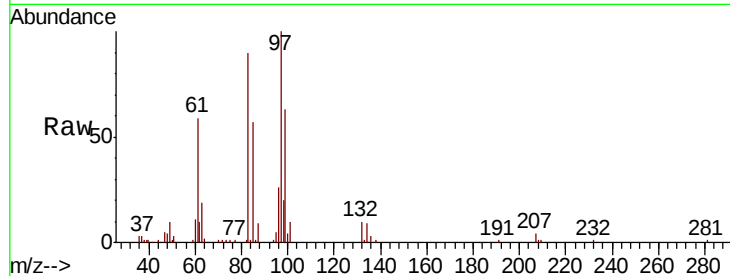
#55
 1,1,2-Trichloroethane
 Concen: 15.173 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion:	97	Resp:	64705
Ion	Ratio	Lower	Upper
97	100		
83	89.9	72.0	108.0
85	57.3	45.8	68.6
99	63.2	51.0	76.4

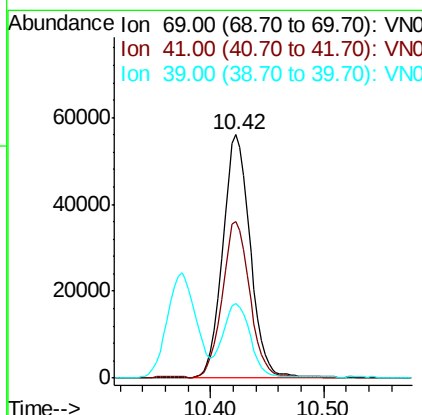
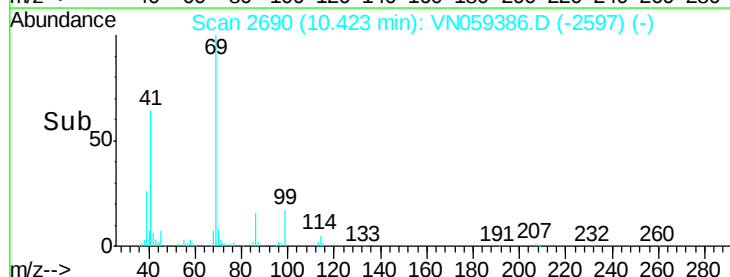
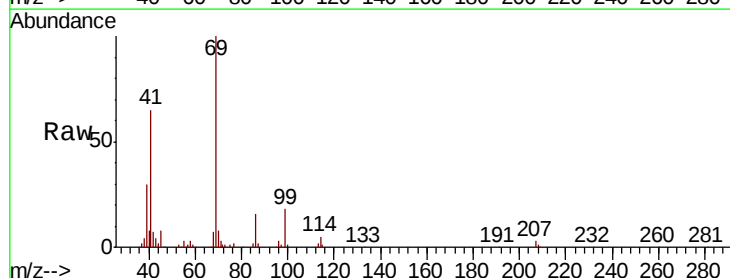
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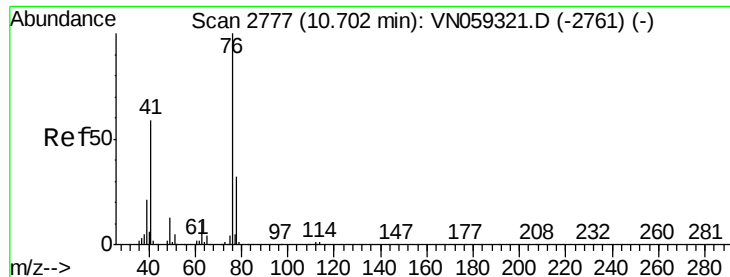
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#56
 Ethyl methacrylate
 Concen: 14.786 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion:	69	Resp:	94866
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.7	77.5
39	30.6	25.2	37.8





#57

1,3-Dichloropropane

Concen: 14.969 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 76 Resp: 111259

Ion Ratio Lower Upper

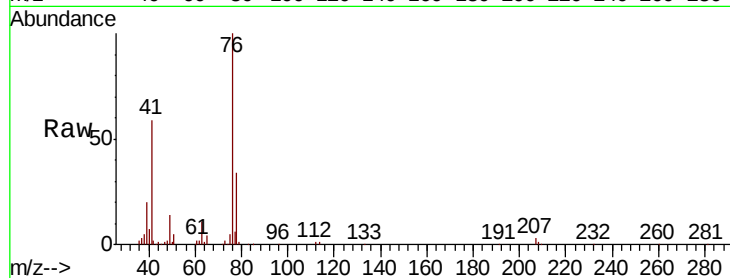
76 100

78 33.1 26.0 39.0

Manual Integrations
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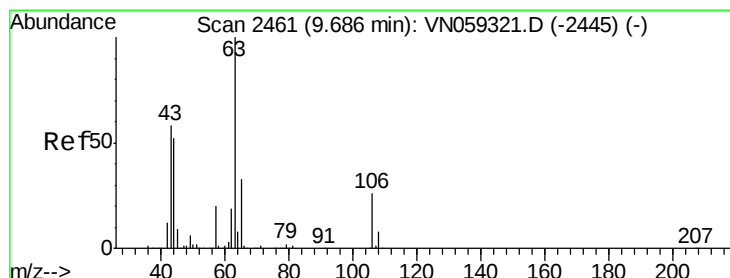
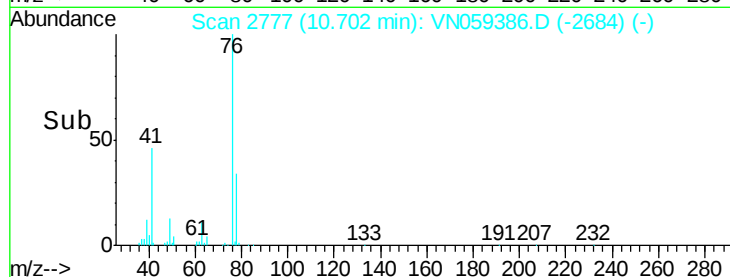
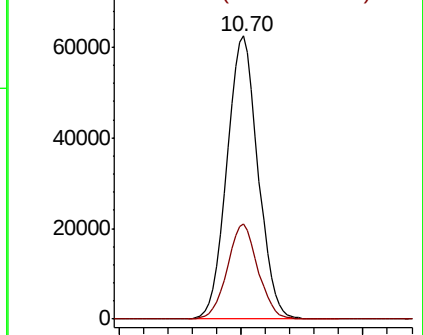
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 85.181 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059386.D

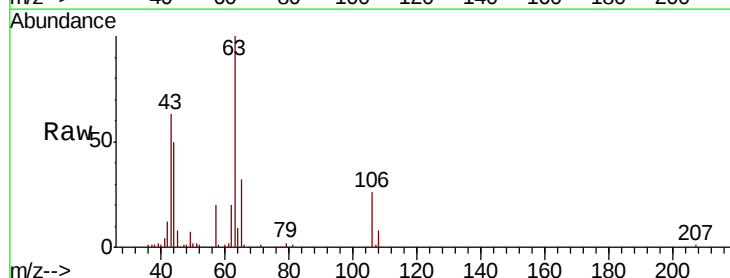
Acq: 25 Nov 2019 16:32

Tgt Ion: 63 Resp: 181497

Ion Ratio Lower Upper

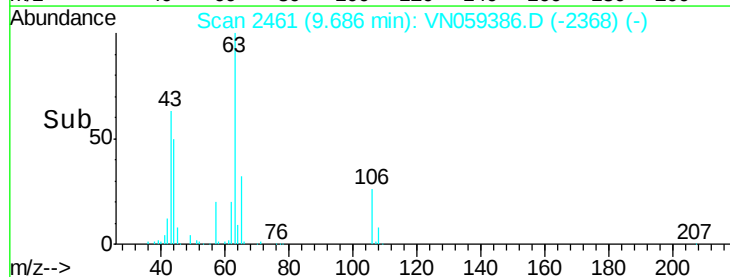
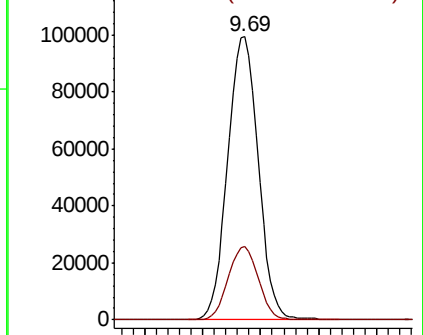
63 100

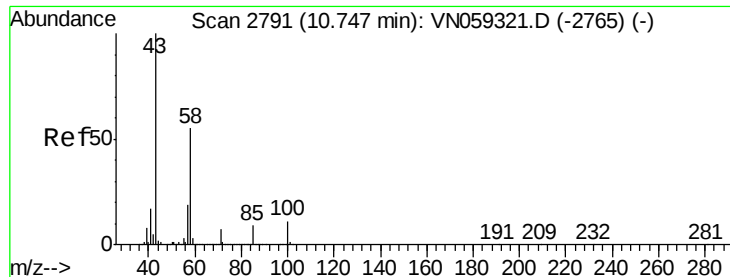
106 25.6 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





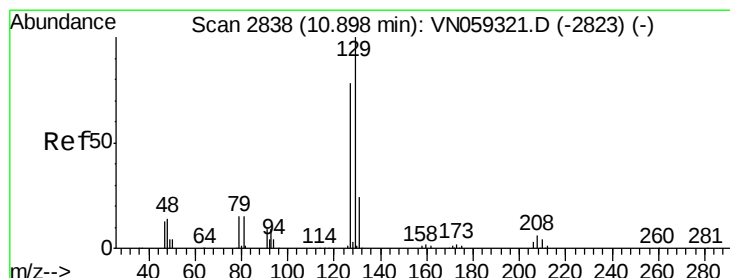
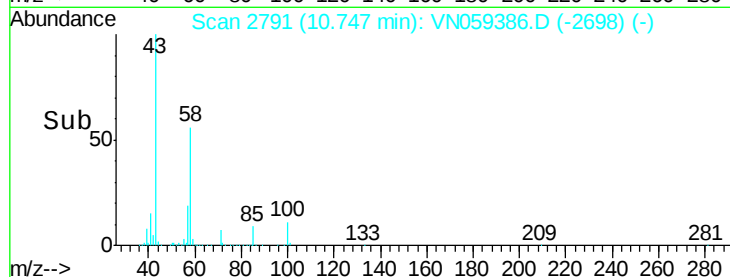
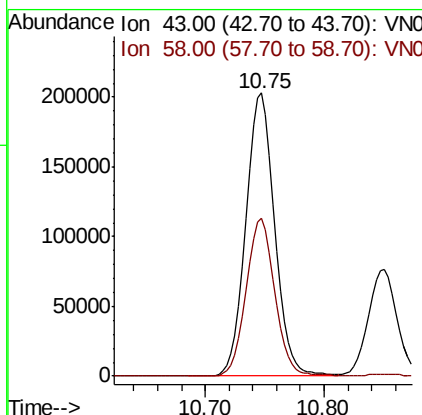
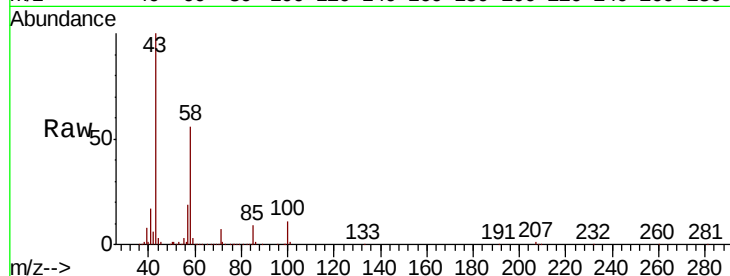
#59
2-Hexanone
Concen: 77.976 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion: 43 Resp: 341163
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.0

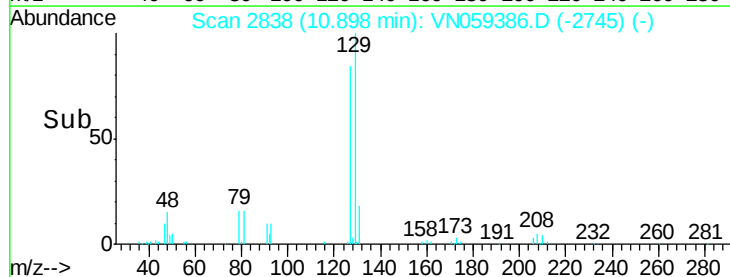
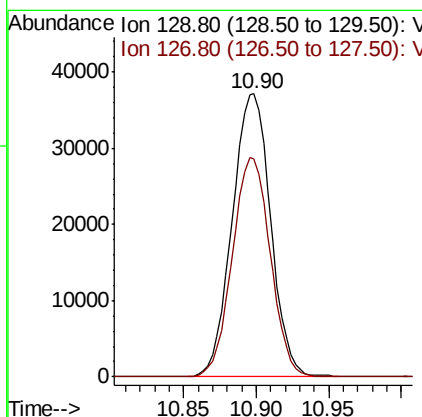
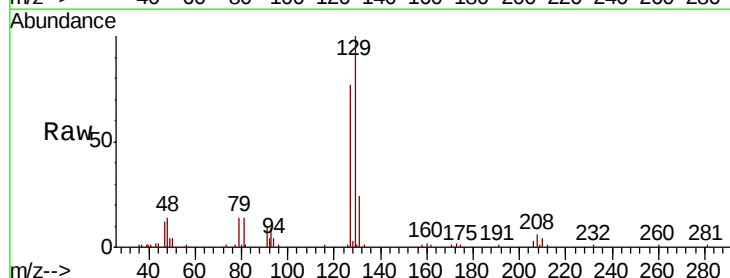
Manual Integrations
APPROVED

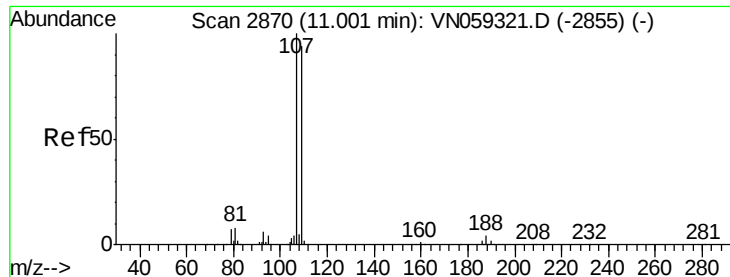
apatel
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#60
Dibromochloromethane
Concen: 15.238 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion: 129 Resp: 68477
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





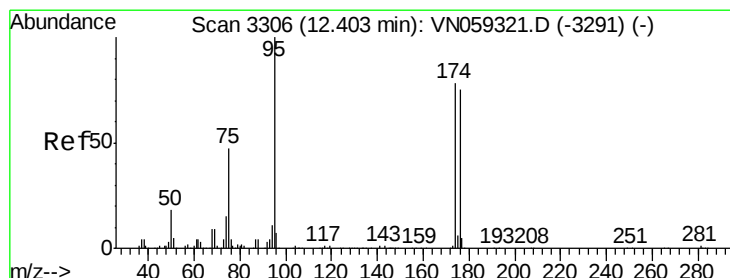
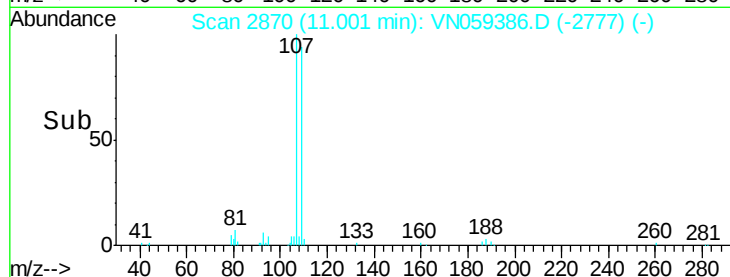
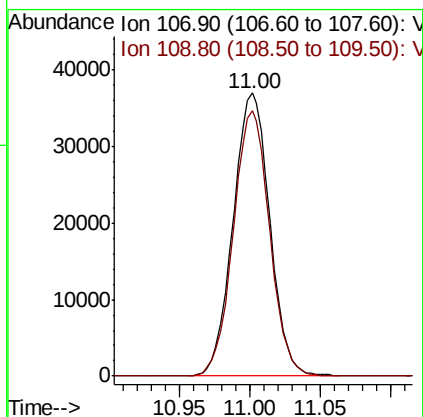
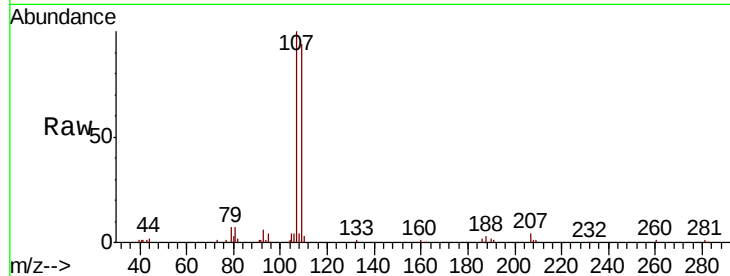
#61
 1,2-Dibromoethane
 Concen: 15.194 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.4	113.2

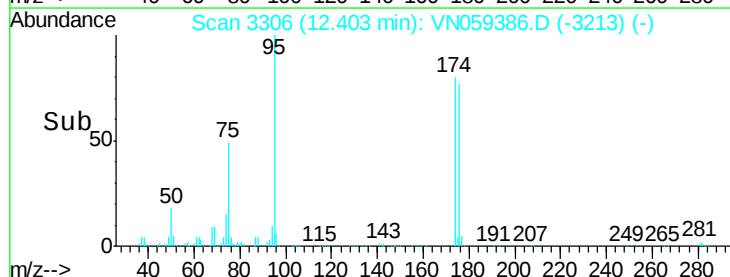
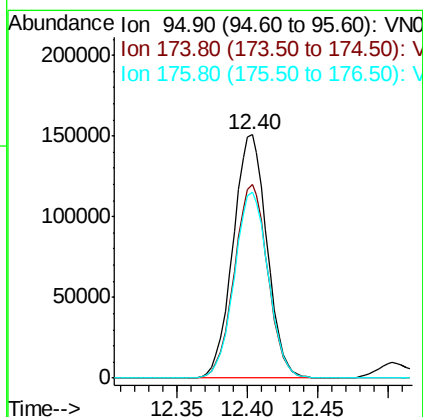
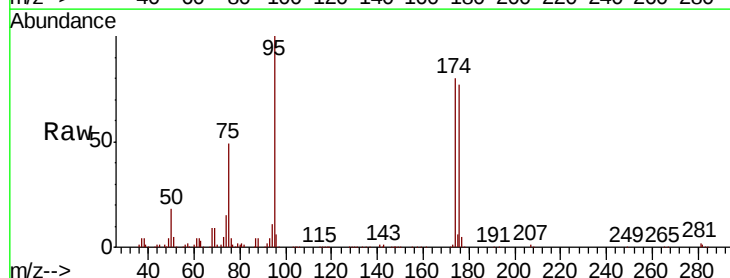
Manual Integrations
 APPROVED

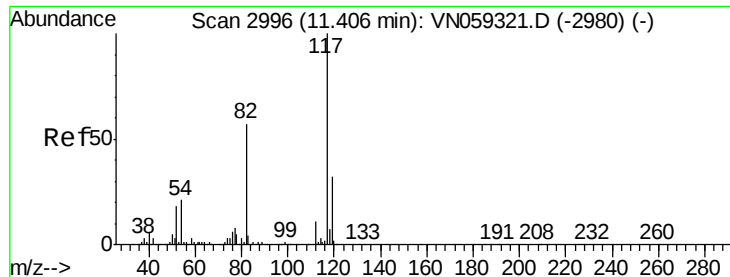
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#62
 4-Bromofluorobenzene
 Concen: 50.631 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	157.4
176	76.3	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: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

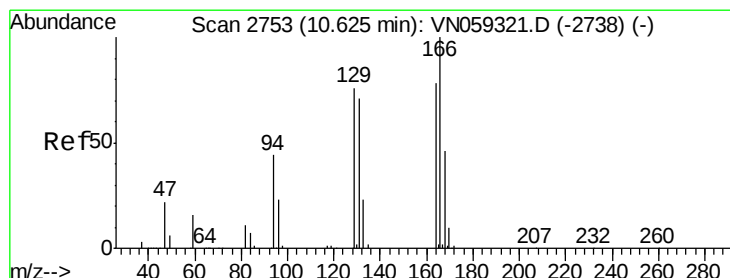
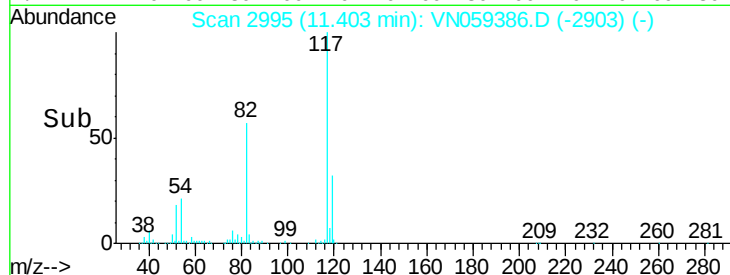
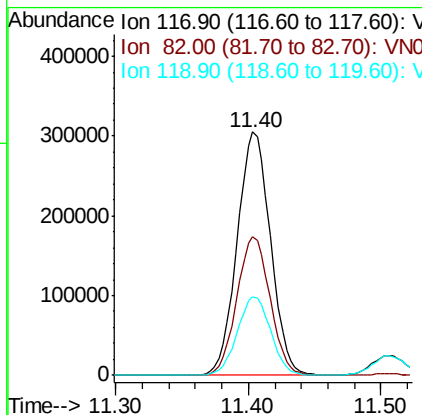
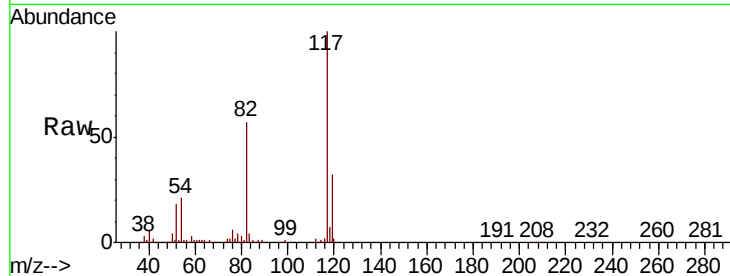
ClientSampleId :

VN1125WBSD02

Tot Ion:	117	Resp:	533270
Ion Ratio	Lower	Upper	
117	100		
82	57.0	45.7	68.5
119	32.4	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 15.348 ug/l

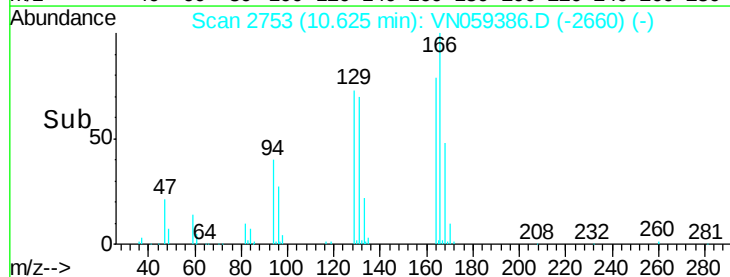
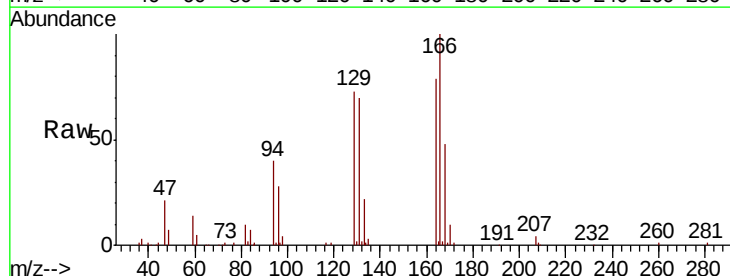
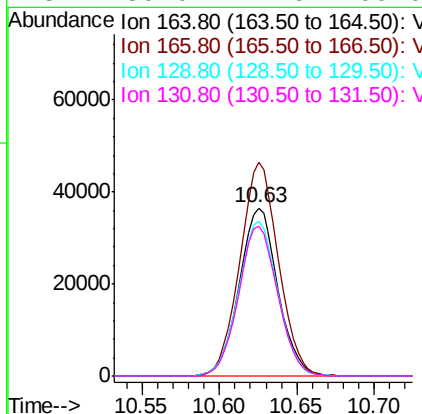
RT: 10.63 min Scan# 2753

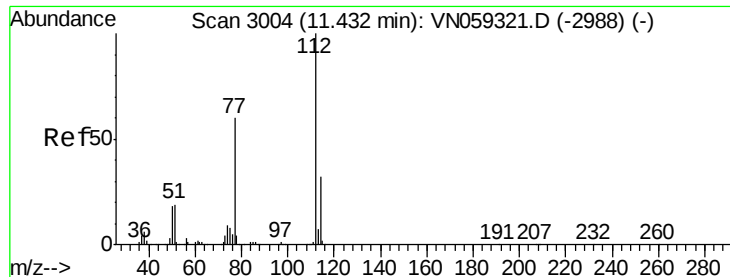
Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	164	Resp:	63302
Ion Ratio	Lower	Upper	
164	100		
166	126.9	102.9	154.3
129	92.1	78.2	117.2
131	89.0	72.6	109.0





#65

Chlorobenzene

Concen: 14.816 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion:112 Resp: 169884

Ion Ratio Lower Upper

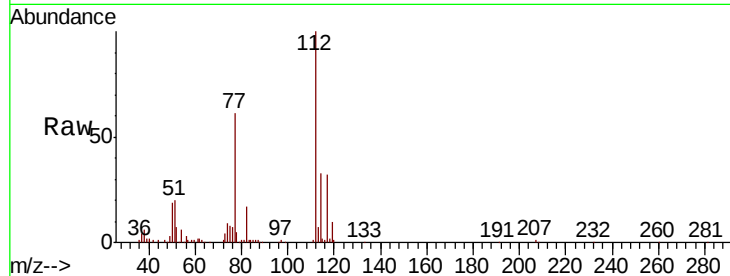
112 100

114 32.8 25.8 38.6

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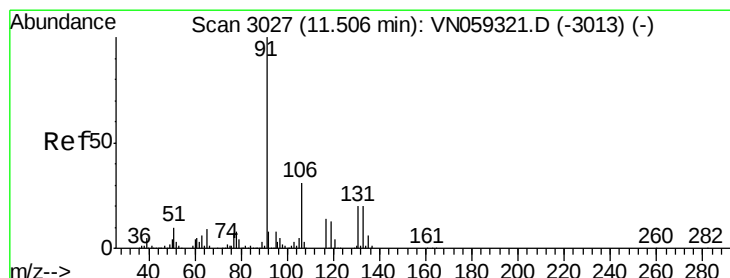
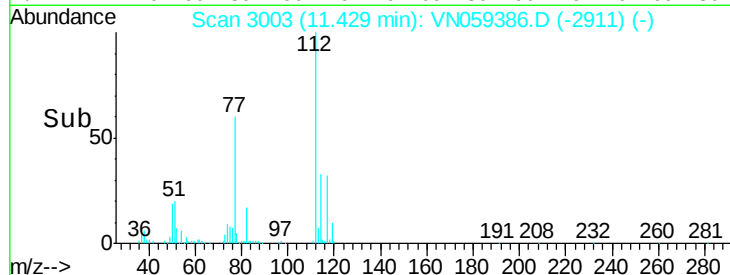
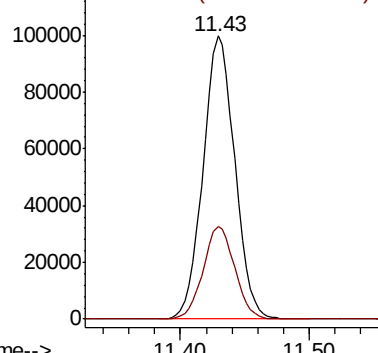
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 15.134 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

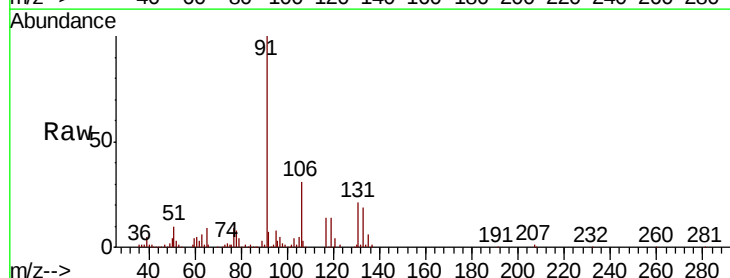
Tgt Ion:131 Resp: 63042

Ion Ratio Lower Upper

131 100

133 97.1 48.2 144.6

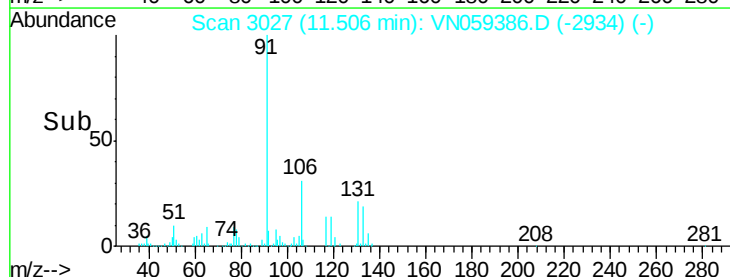
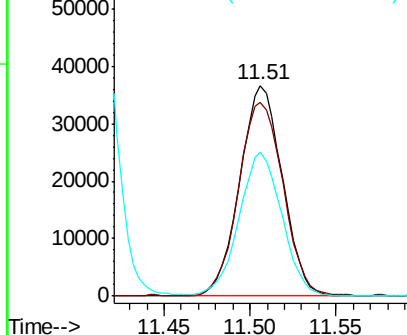
119 68.9 33.6 100.6



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





#67

Ethyl Benzene

Concen: 15.019 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 91 Resp: 307497

Ion Ratio Lower Upper

91 100

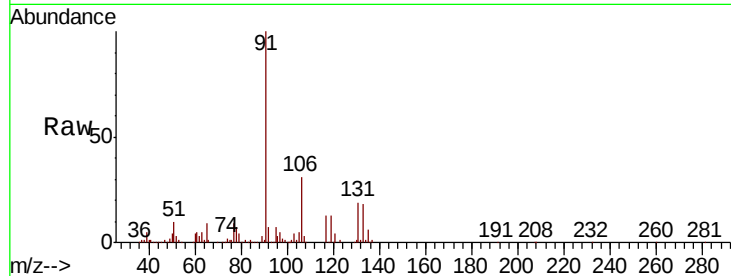
106 31.1 24.6 37.0

Manual Integrations

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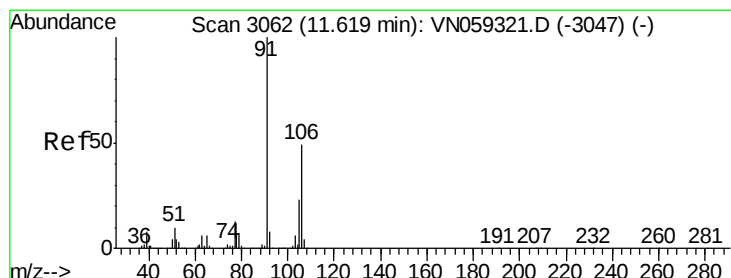
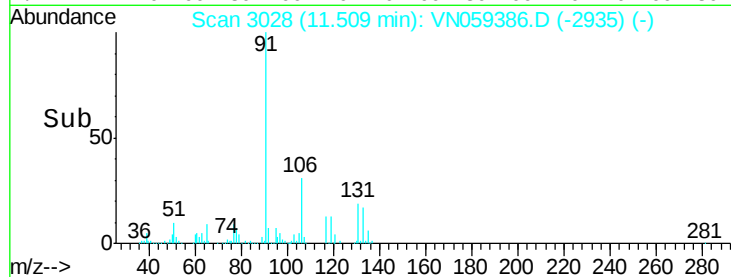
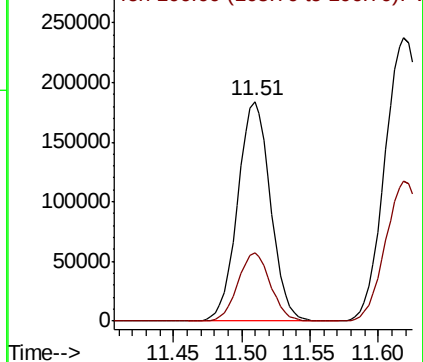
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 30.011 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059386.D

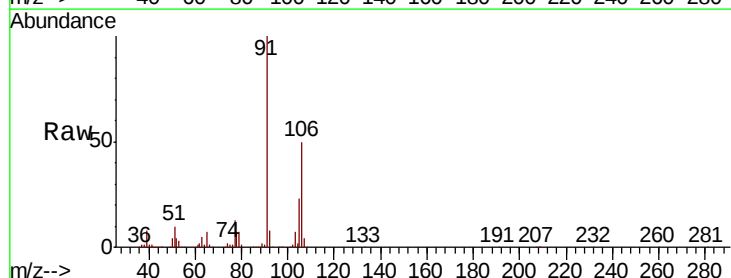
Acq: 25 Nov 2019 16:32

Tgt Ion: 106 Resp: 228309

Ion Ratio Lower Upper

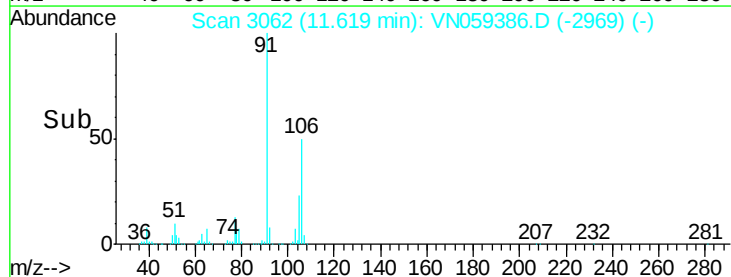
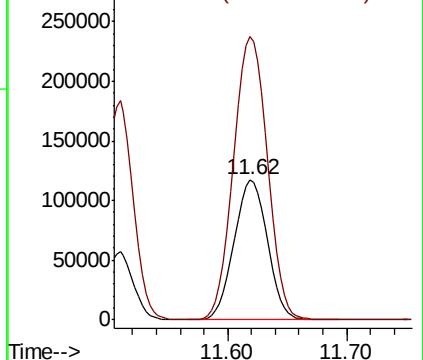
106 100

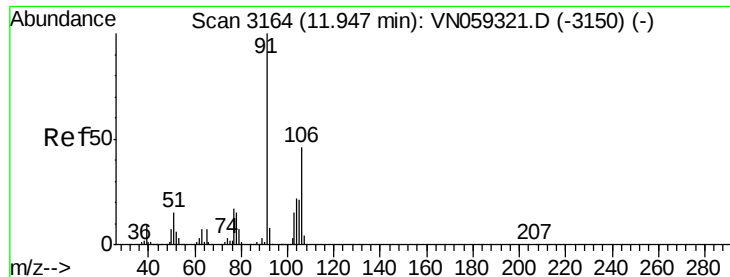
91 206.0 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





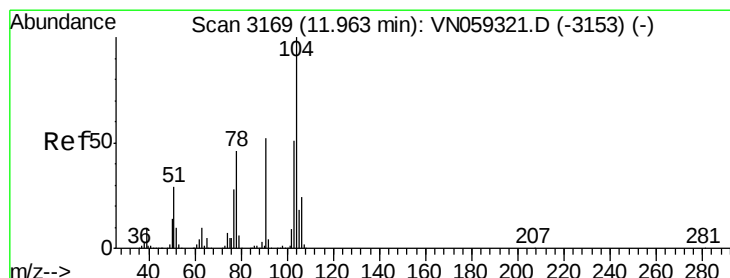
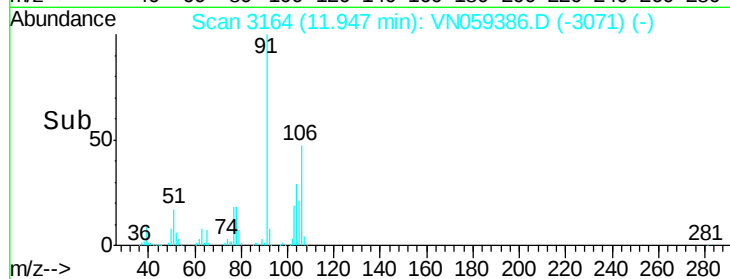
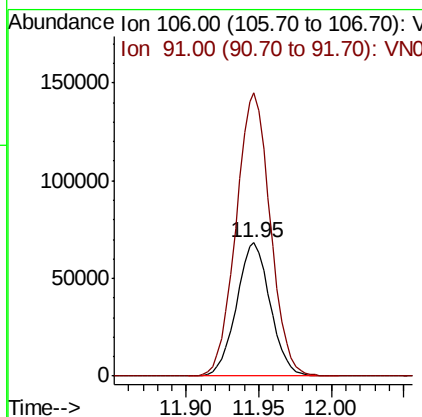
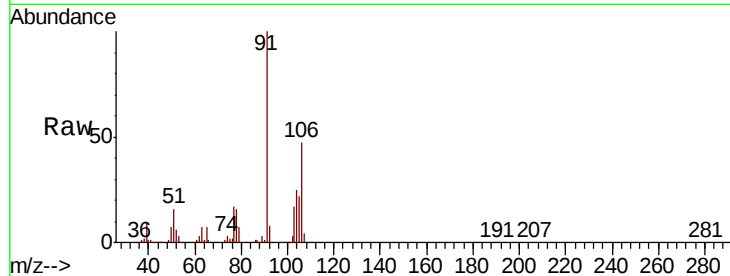
#69
o-Xylene
Concen: 15.118 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	215.8	109.3	327.9

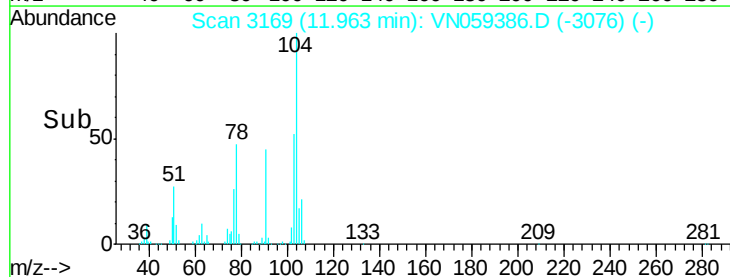
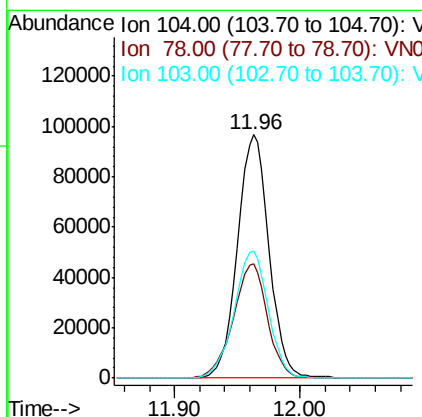
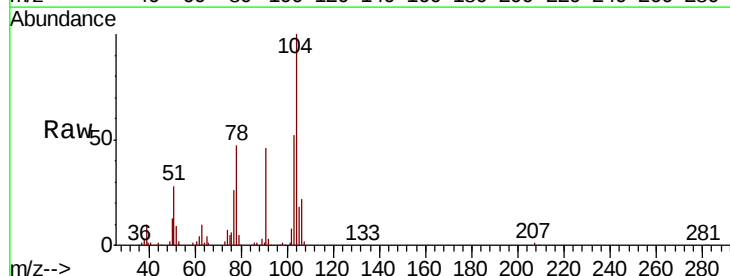
Manual Integrations
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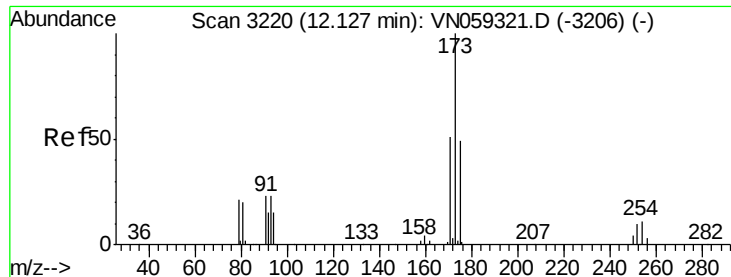
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#70
Styrene
Concen: 14.752 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.7	40.3	60.5
103	103	56.5	43.6	65.4





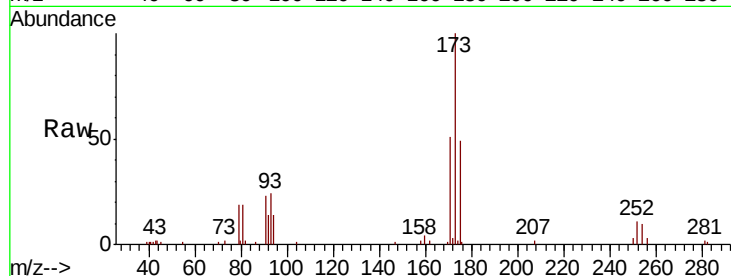
#71
Bromoform
Concen: 14.919 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

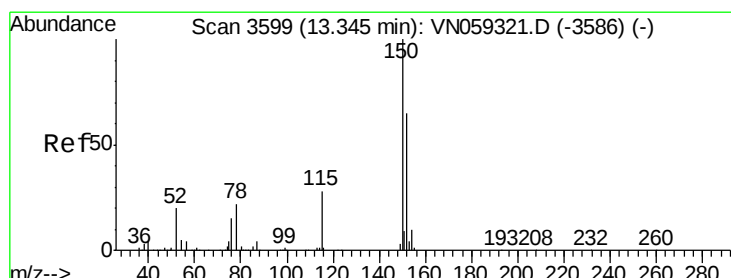
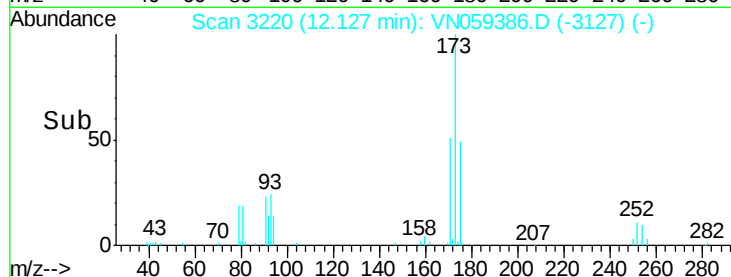
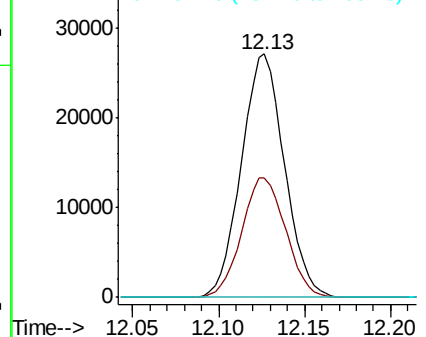
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.6	73.6
254	0.0	0.1	0.1#

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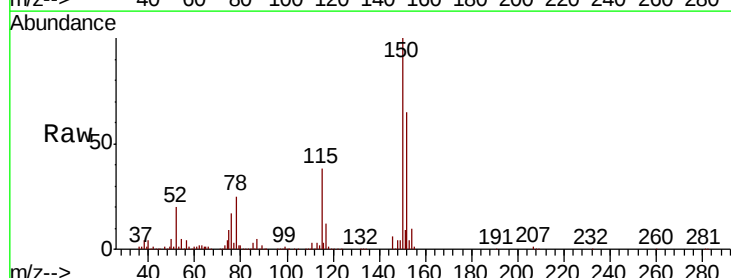


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

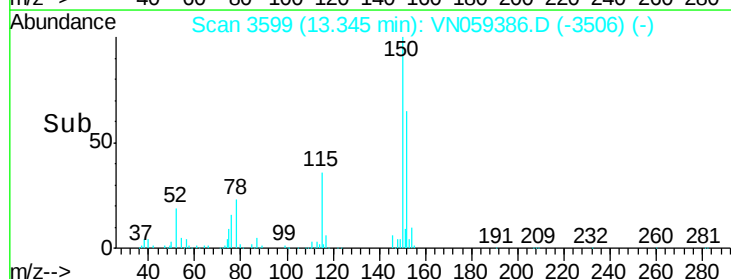
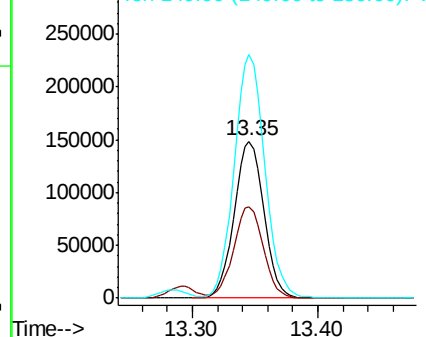


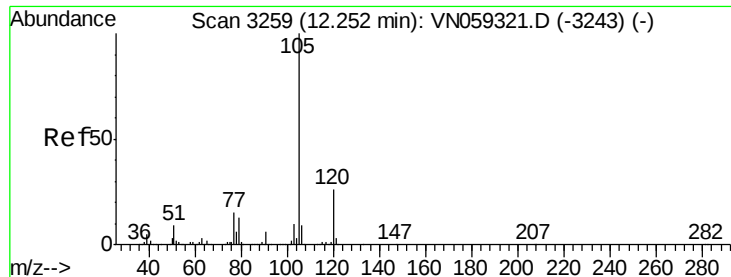
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.3	88.0
150	160.1	0.0	346.0



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





#73

Isopropylbenzene

Concen: 14.768 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 105 Resp: 294594

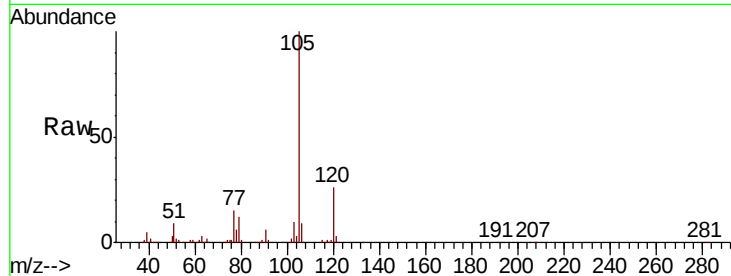
Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

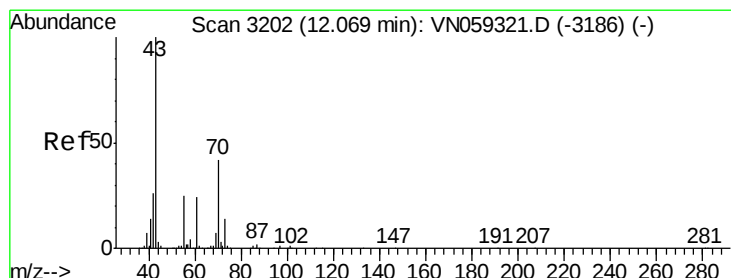
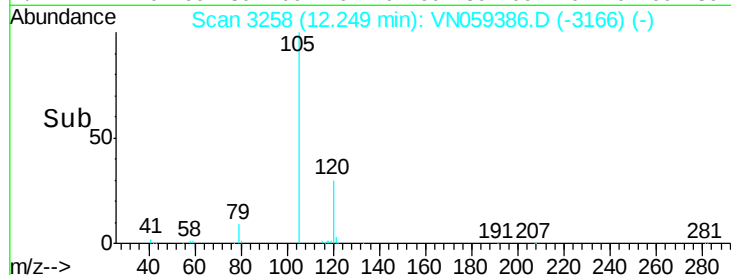
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 13.833 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion: 43 Resp: 110898

Ion Ratio Lower Upper

43 100

70 43.3 33.8 50.6

55 27.9 20.3 30.5

61 25.4 19.9 29.9

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

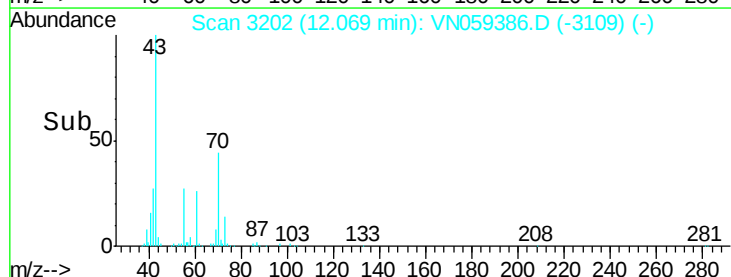
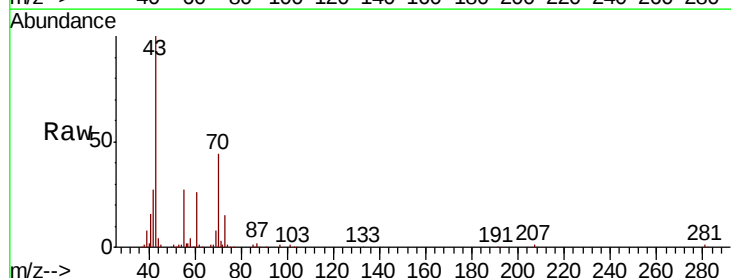
40000

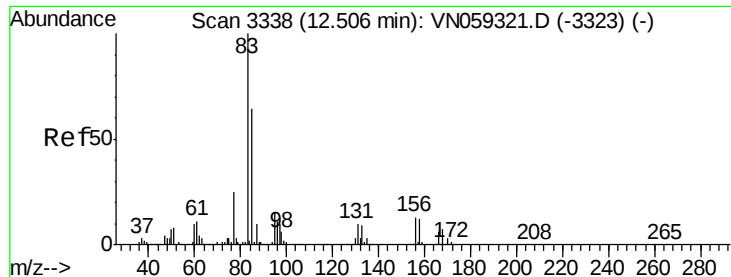
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 14.570 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

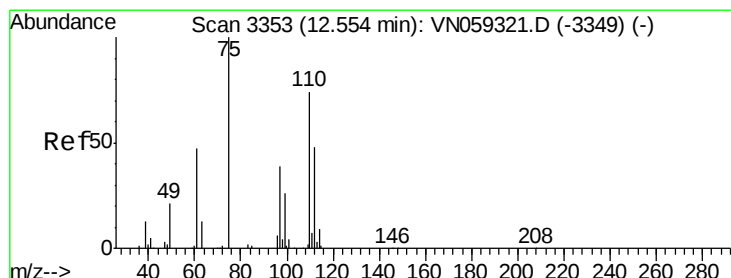
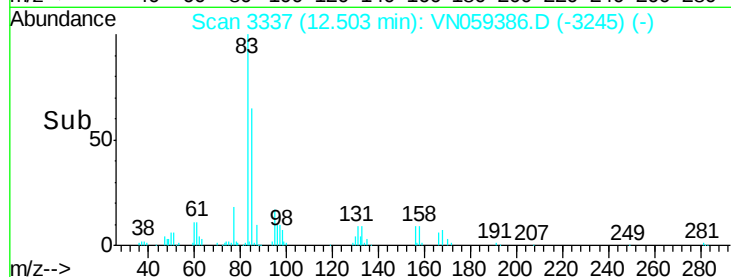
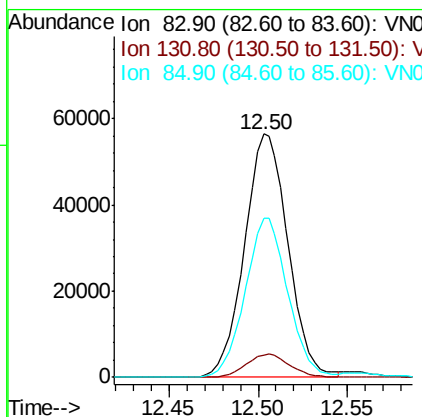
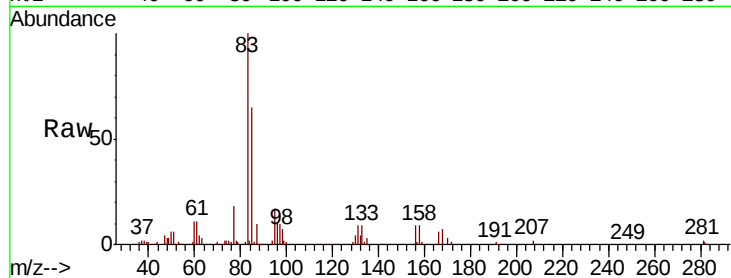
ClientSampleId :

VN1125WBSD02

Tot Ion:	83	Resp:	96146
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.0	14.9
85	64.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.496 ug/l m

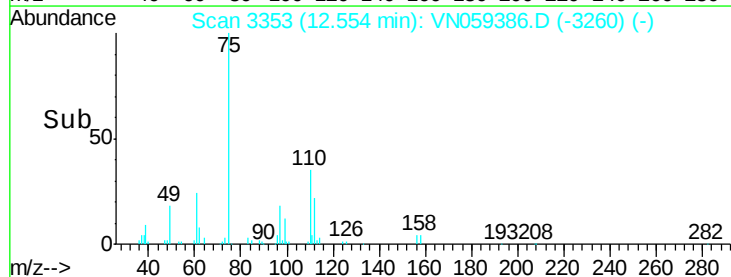
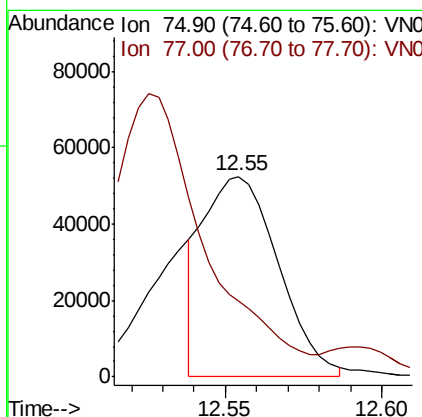
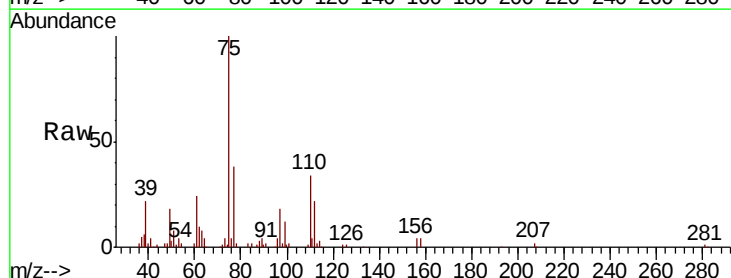
RT: 12.55 min Scan# 3353

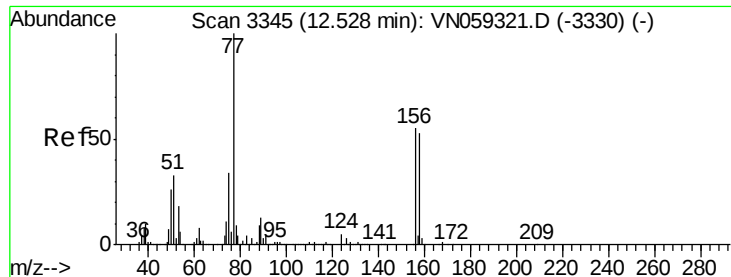
Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	75	Resp:	87178
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 14.747 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

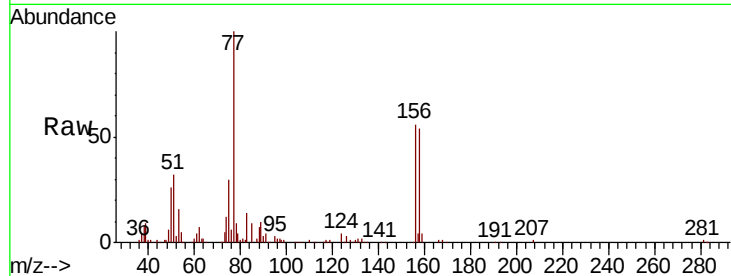
ClientSampleId :

VN1125WBSD02

Tot Ion:	156	Resp:	71353
Ion Ratio	Lower	Upper	
156	100		
77	221.1	111.1	333.4
158	97.7	47.8	143.4

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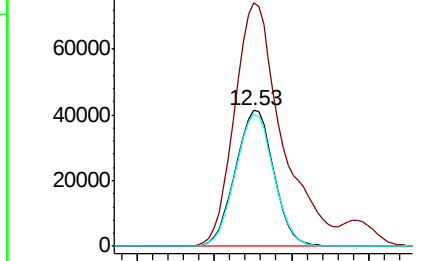
apatel
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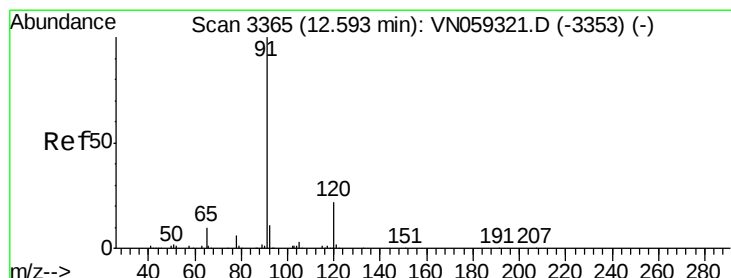
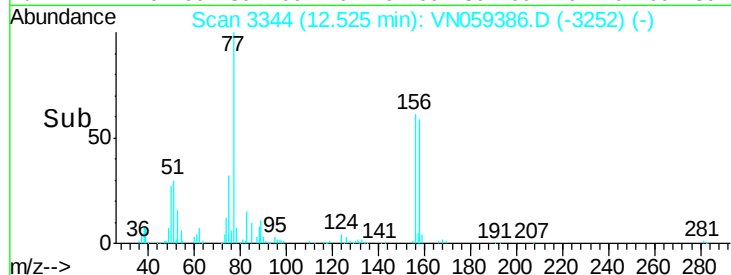
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 14.849 ug/l

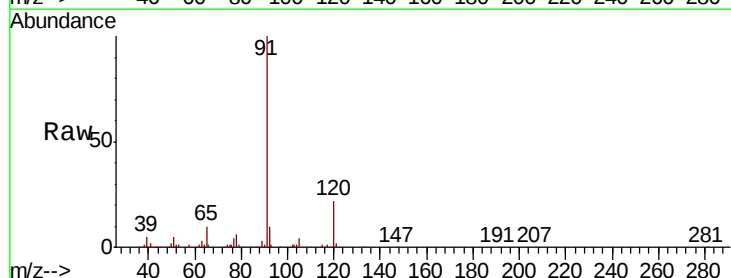
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059386.D

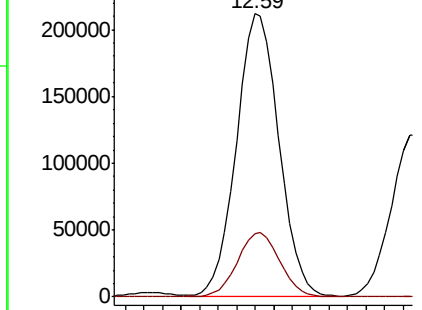
Acq: 25 Nov 2019 16:32

Tgt Ion:	91	Resp:	335530
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.9

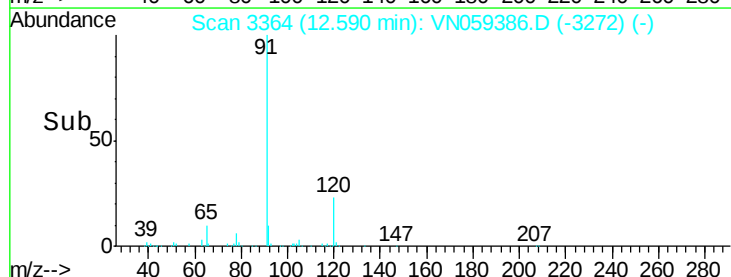


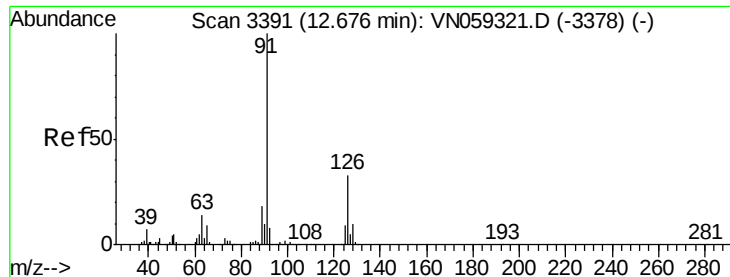
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 14.396 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion: 91 Resp: 199664

Ion Ratio Lower Upper

91 100

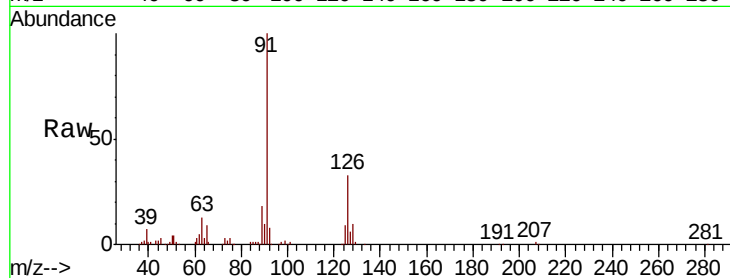
126 33.6 16.7 50.1

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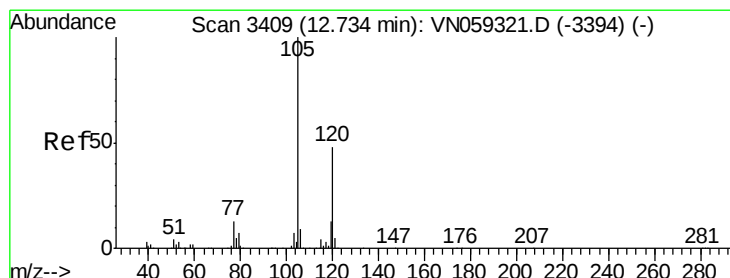
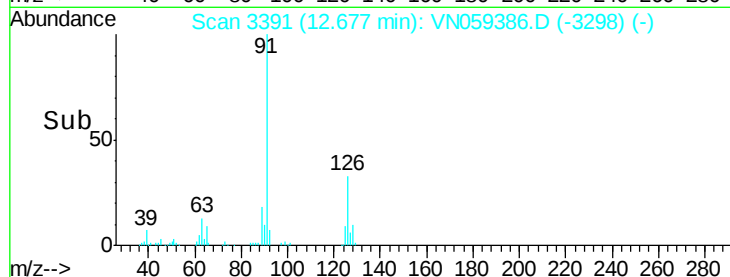
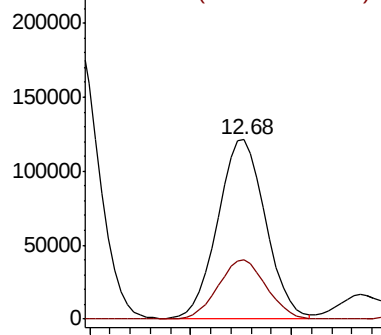
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059321.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.611 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059386.D

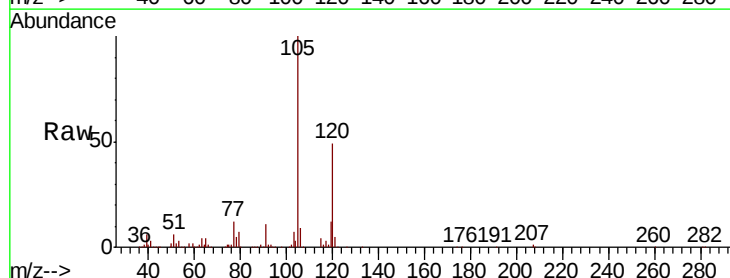
Acq: 25 Nov 2019 16:32

Tgt Ion: 105 Resp: 245013

Ion Ratio Lower Upper

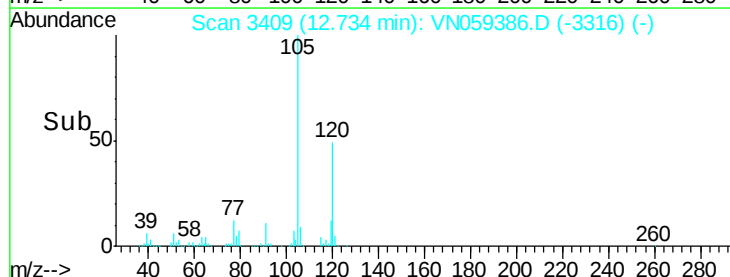
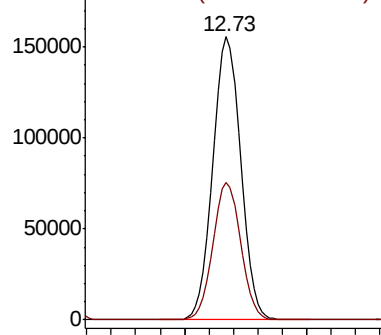
105 100

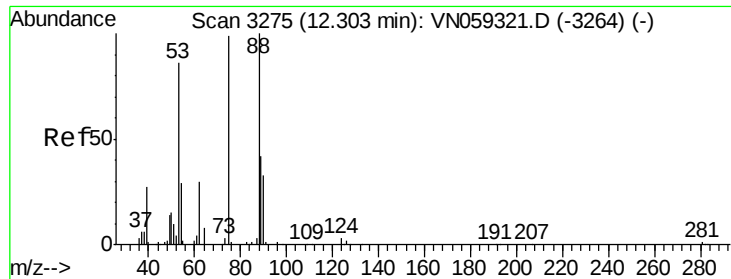
120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059321.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059321.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 14.389 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

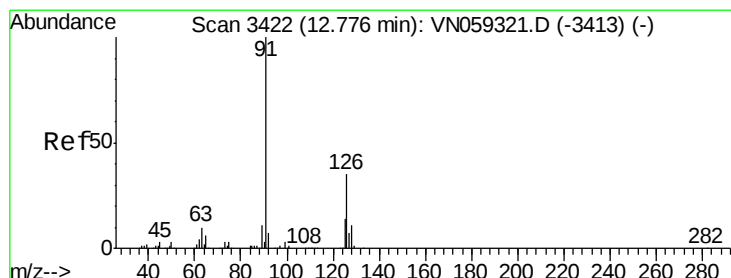
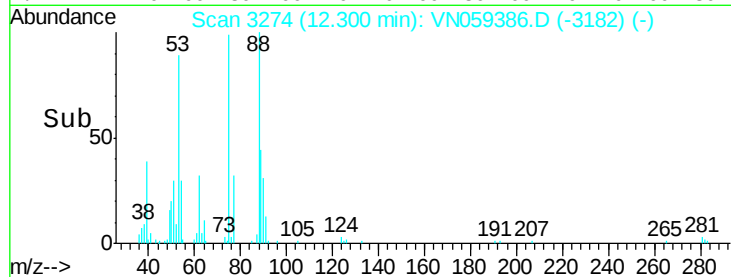
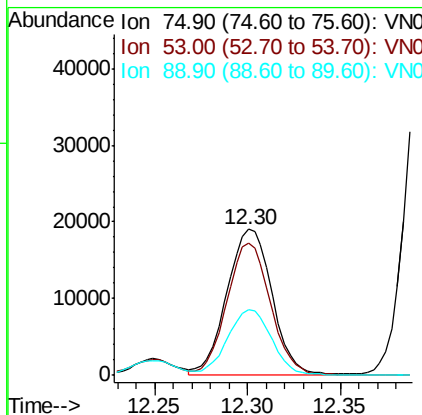
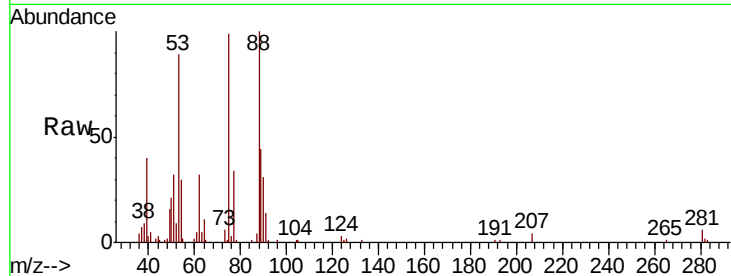
ClientSampleId :

VN1125WBSD02

Tot Ion:	75	Resp:	32365
Ion Ratio	Lower	Upper	
75	100		
53	86.8	70.7	106.1
89	43.9	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 14.223 ug/l

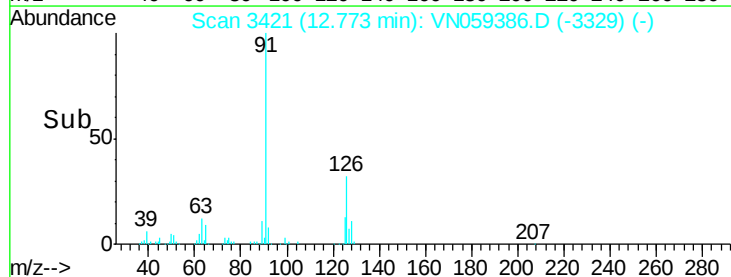
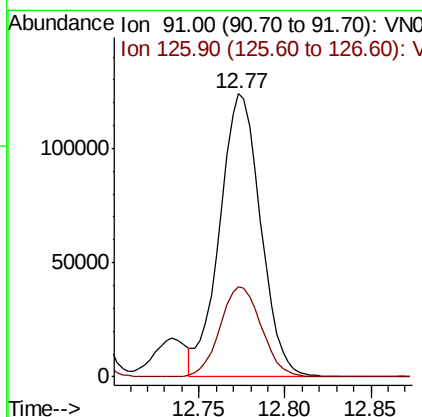
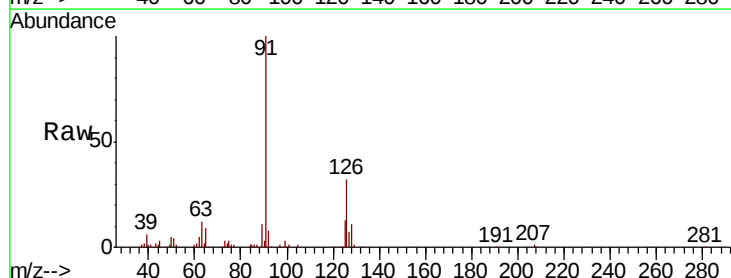
RT: 12.77 min Scan# 3421

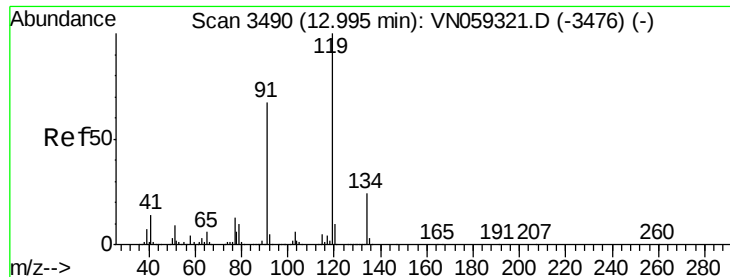
Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	91	Resp:	204140
Ion Ratio	Lower	Upper	
91	100		
126	32.2	16.2	48.6





#83

tert-Butylbenzene

Concen: 14.780 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

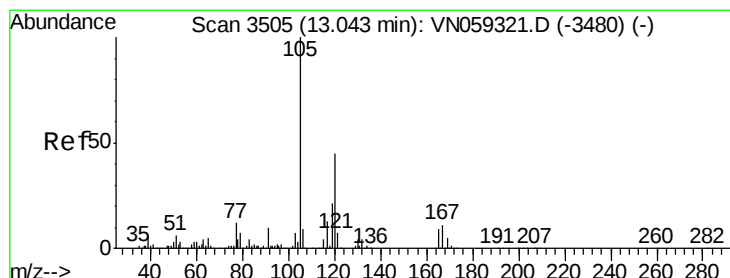
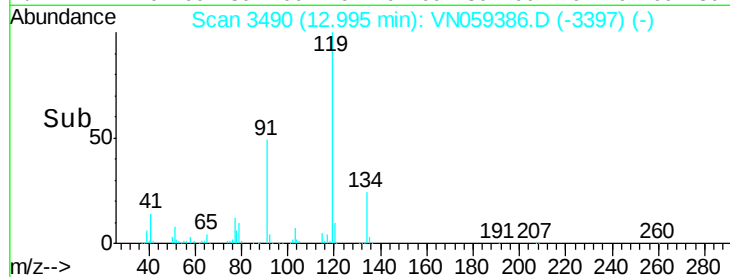
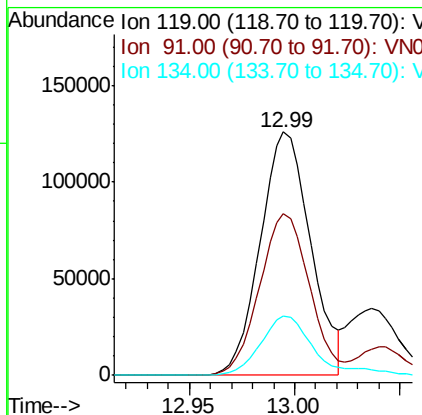
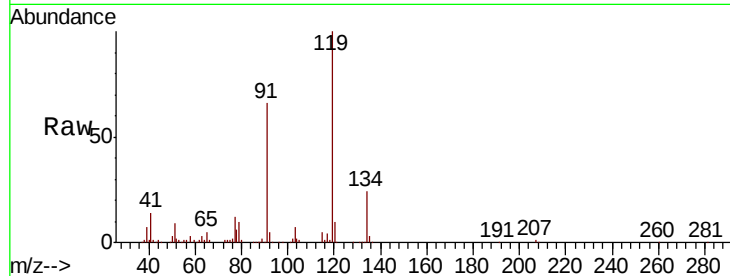
ClientSampleId :

VN1125WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		209331		
91	65.9	32.8	98.4		
134	26.0	13.0	38.9		

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 14.581 ug/l

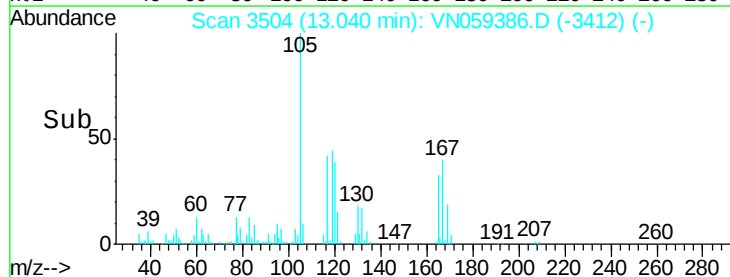
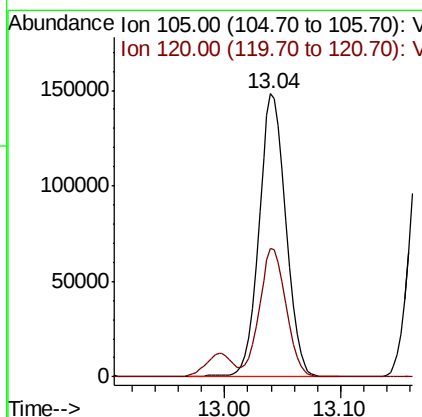
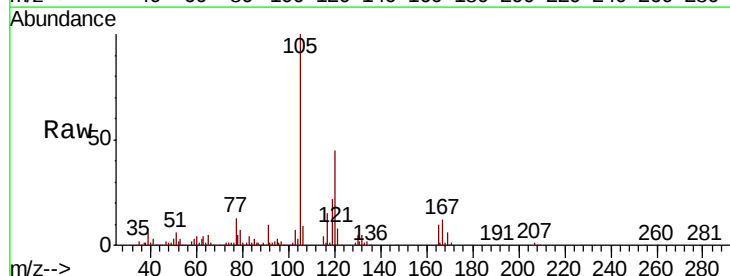
RT: 13.04 min Scan# 3504

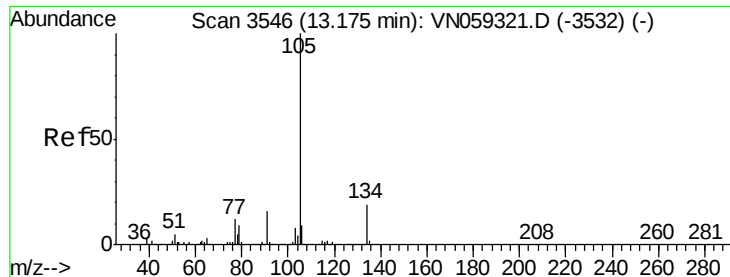
Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		239521		
120	44.9	22.6	67.8		





#85

sec-Butylbenzene

Concen: 14.698 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBSD02

Tot Ion:105 Resp: 279786

Ion Ratio Lower Upper

105 100

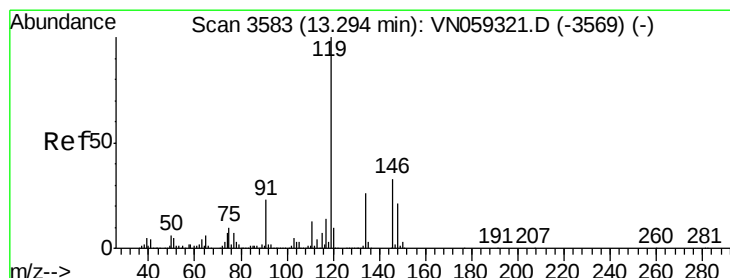
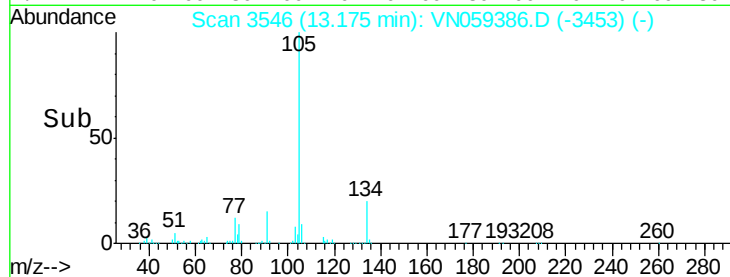
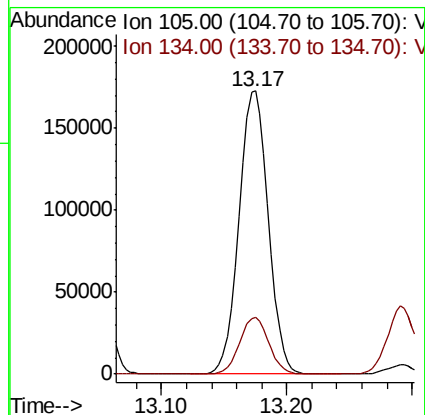
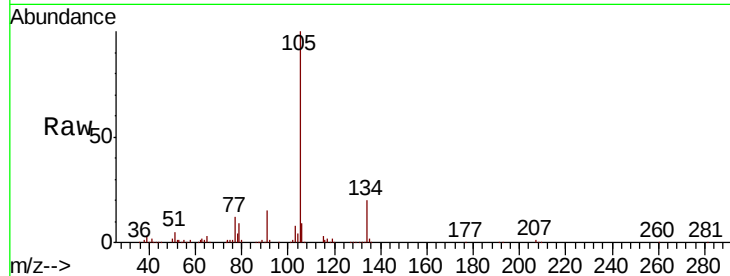
134 20.0 9.8 29.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 14.781 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

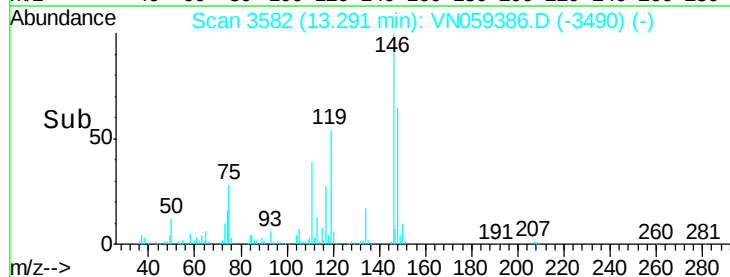
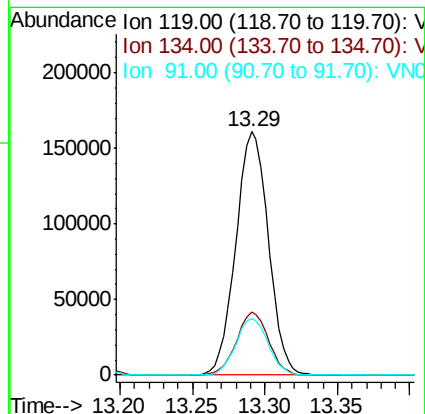
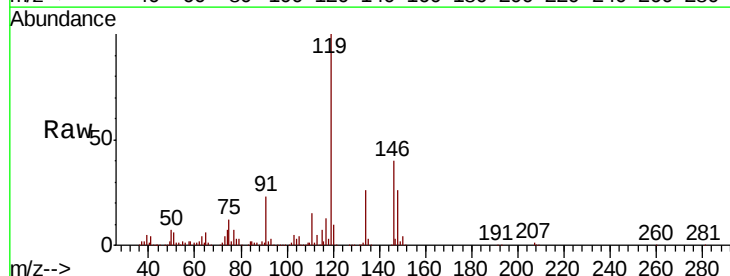
Tgt Ion:119 Resp: 250371

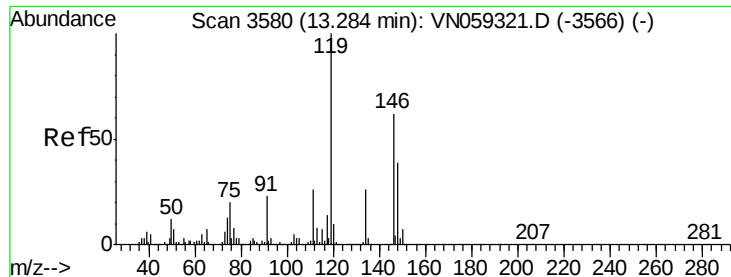
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 23.1 11.6 34.7





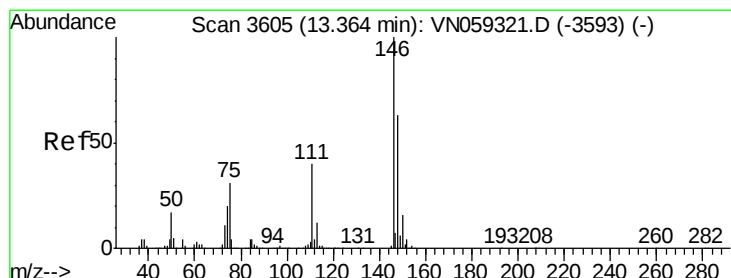
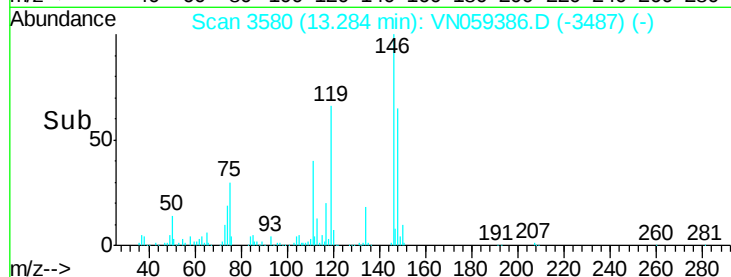
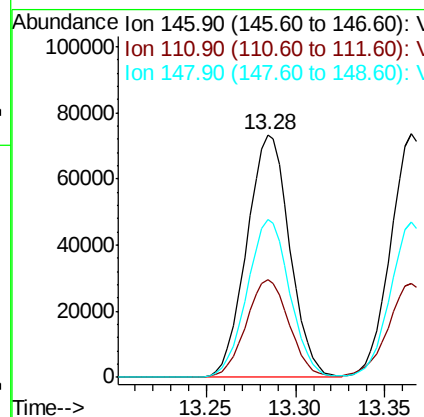
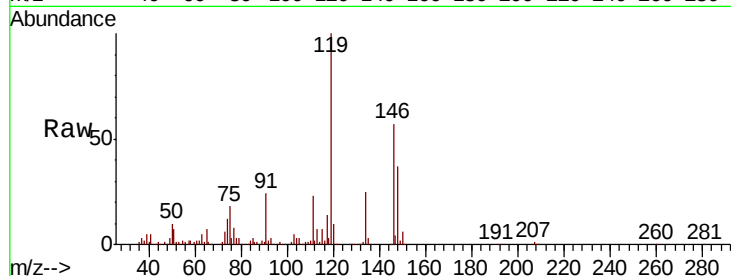
#87
 1,3-Dichlorobenzene
 Concen: 14.274 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.8
148	64.7	31.9	95.5

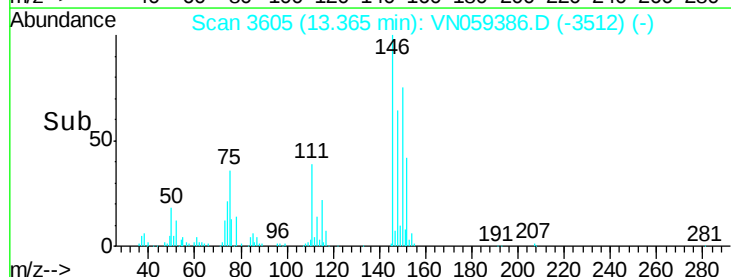
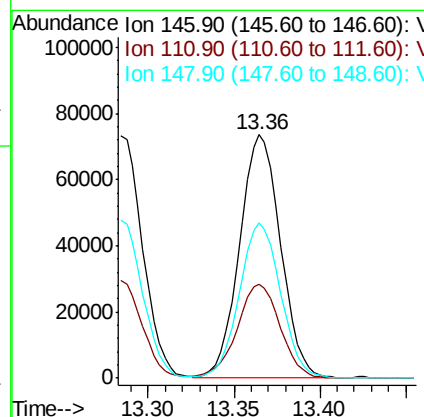
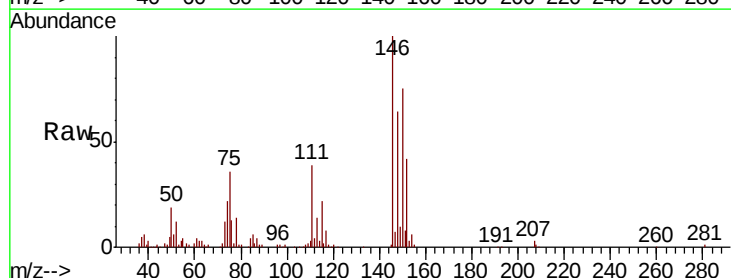
Manual Integrations
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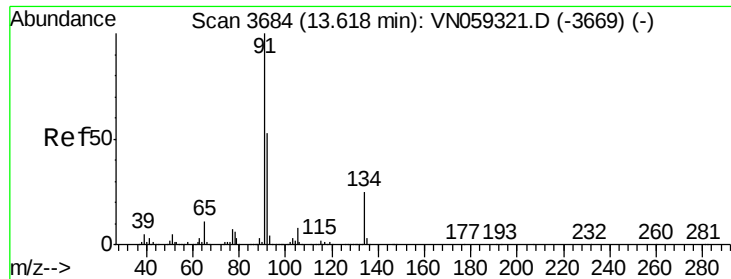
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 14.217 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.1	60.3
148	64.8	31.7	95.1





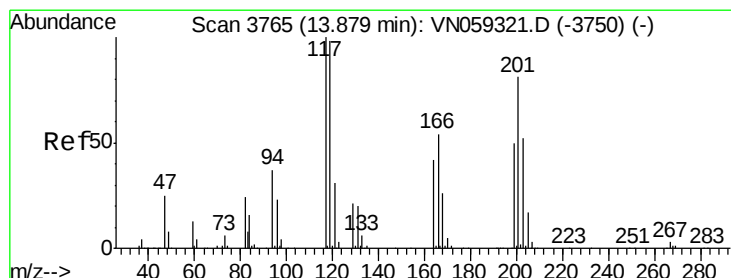
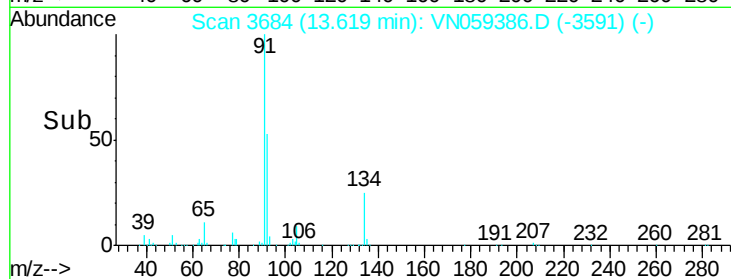
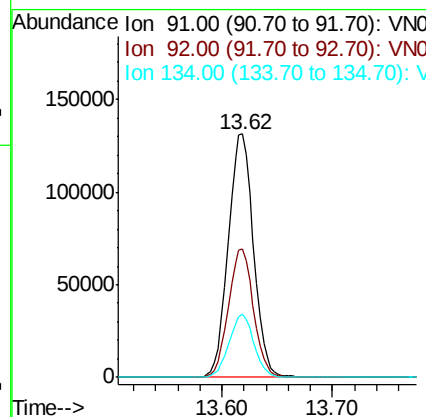
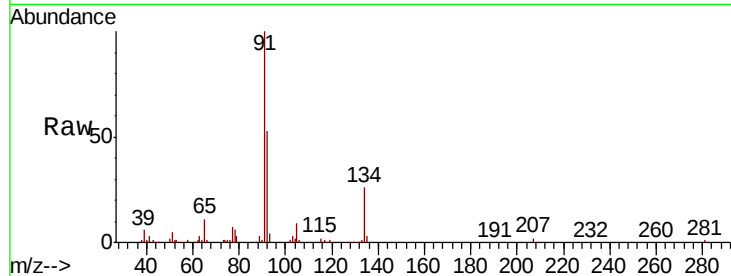
#89
n-Butylbenzene
Concen: 14.069 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	25.5	12.7	38.1

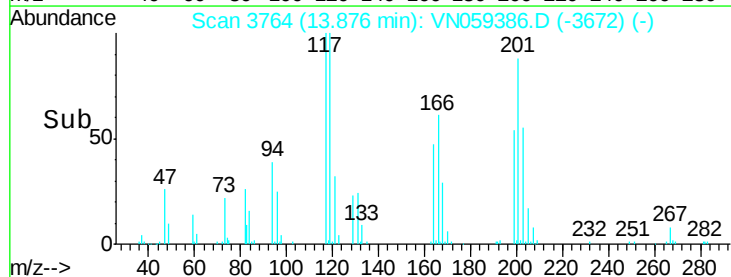
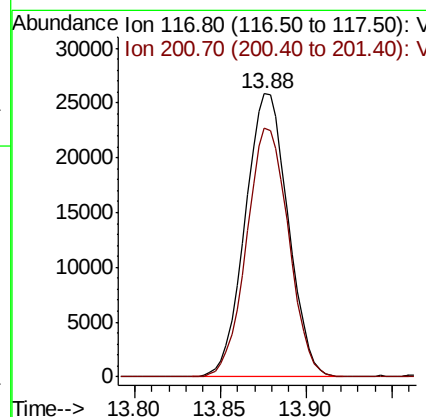
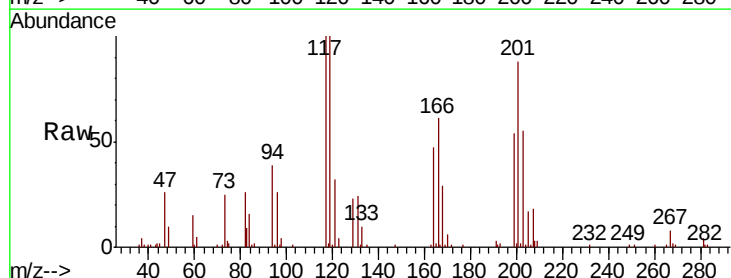
Manual Integrations
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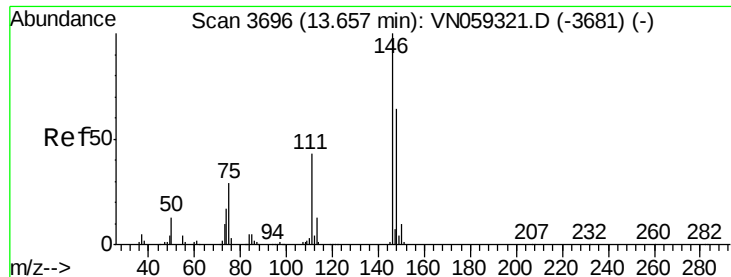
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#90
Hexachloroethane
Concen: 13.992 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.1	40.4	121.2





#91

1,2-Dichlorobenzene

Concen: 14.567 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Instrument :

MSVOA_N

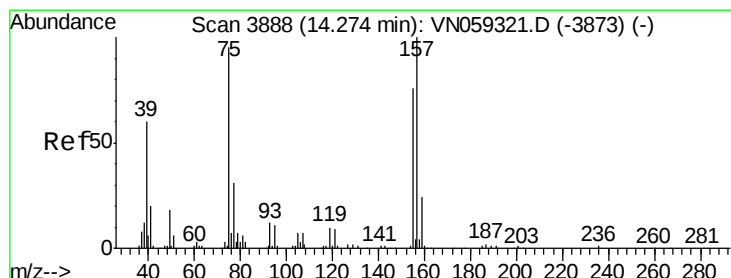
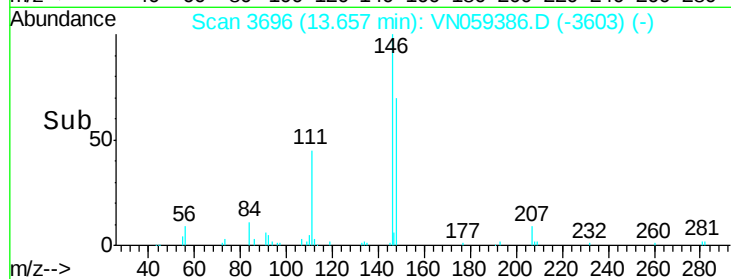
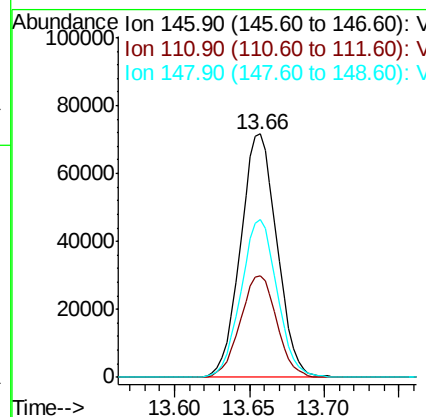
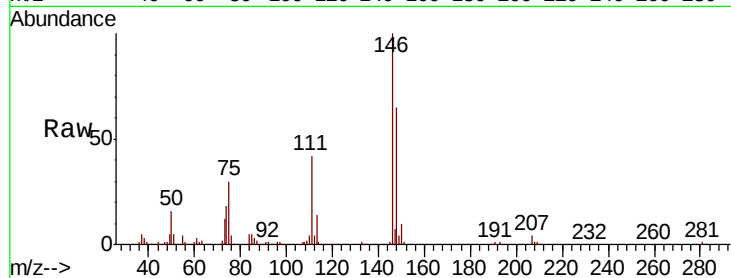
ClientSampleId :

VN1125WBSD02

Tot Ion:	146	Resp:	121436
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.3	64.0
148	64.4	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 14.203 ug/l

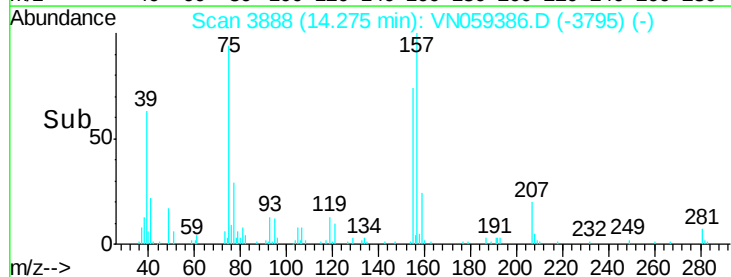
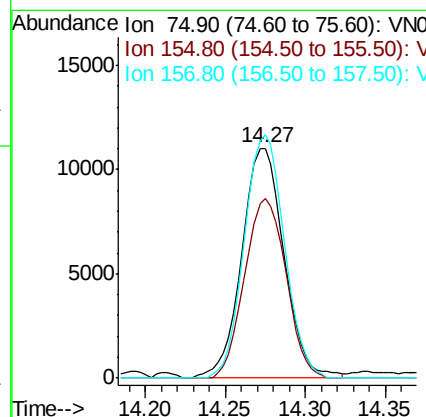
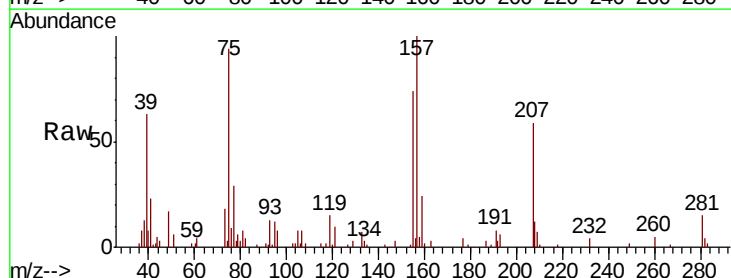
RT: 14.27 min Scan# 3888

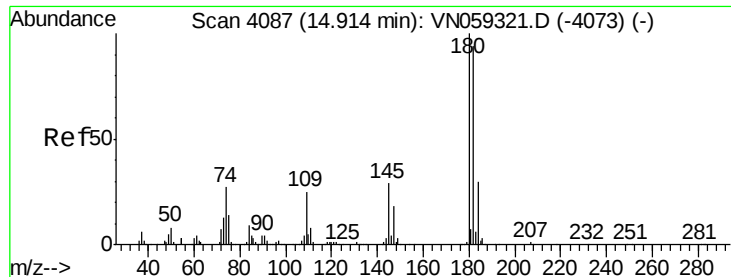
Delta R.T. 0.00 min

Lab File: VN059386.D

Acq: 25 Nov 2019 16:32

Tgt Ion:	75	Resp:	19926
Ion Ratio	Lower	Upper	
75	100		
155	76.3	40.5	121.5
157	100.1	52.7	158.1





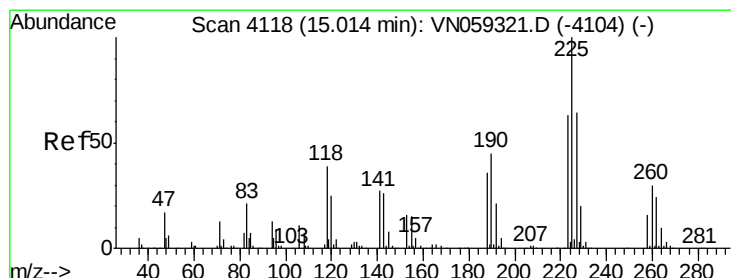
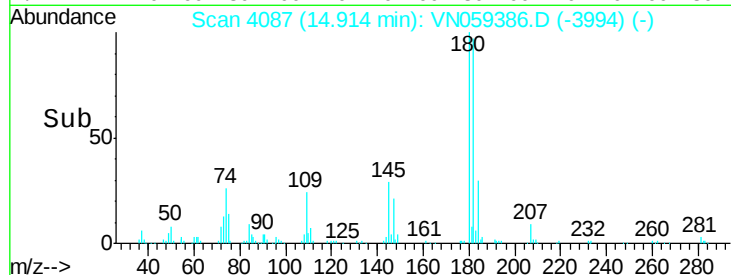
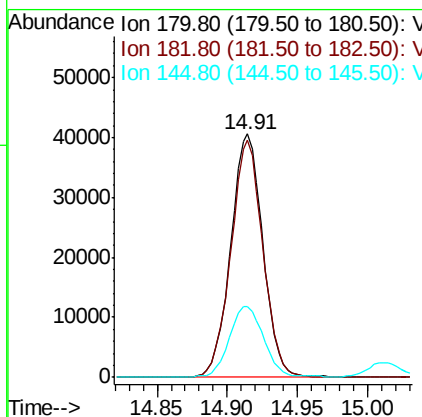
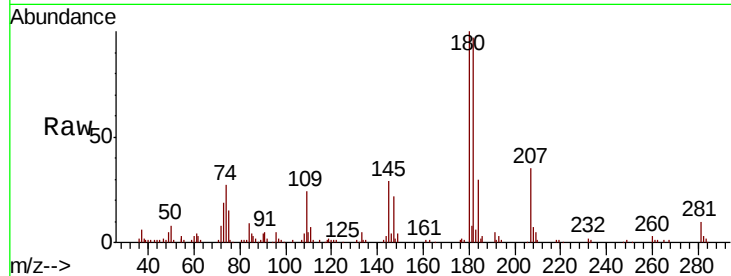
#93
 1,2,4-Trichlorobenzene
 Concen: 14.730 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.2	141.6
145	31.4	14.9	44.5

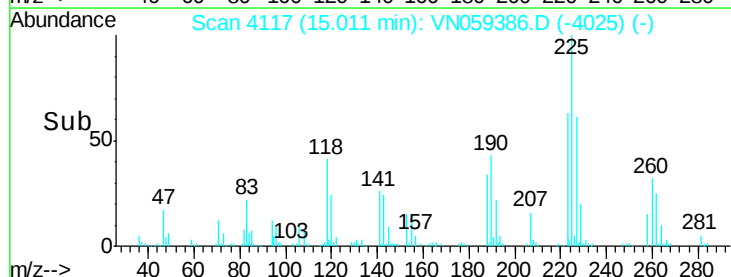
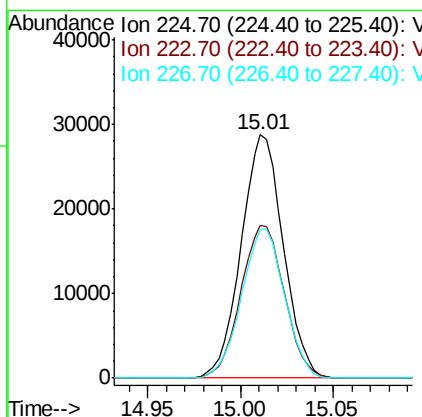
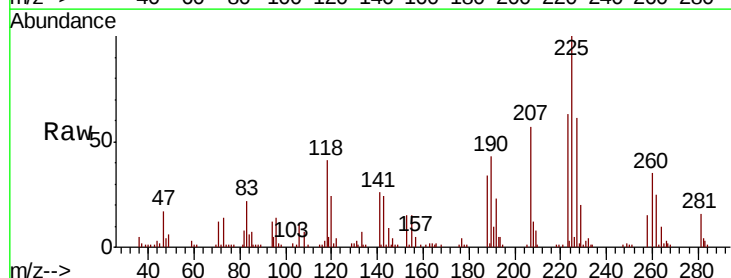
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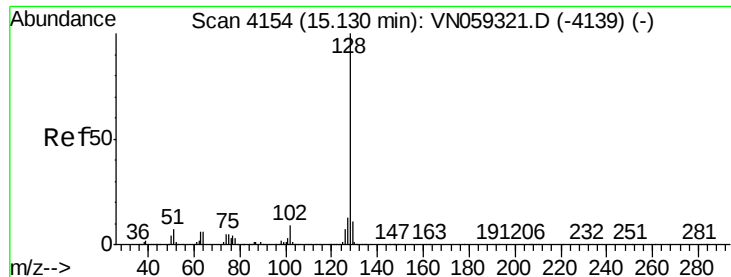
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#94
 Hexachlorobutadiene
 Concen: 15.102 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059386.D
 Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.6	94.8
227	62.5	32.6	97.7





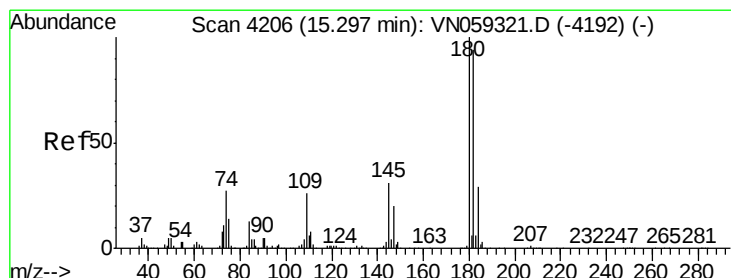
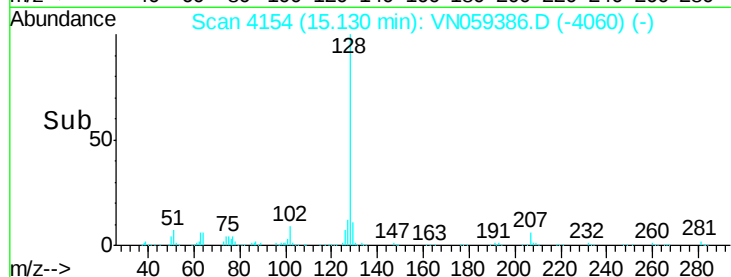
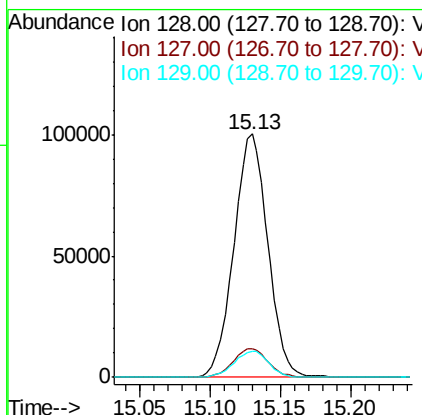
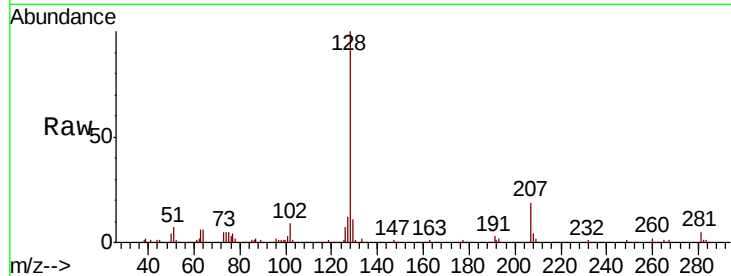
#95
Naphthalene
Concen: 14.215 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 14.545 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059386.D
Acq: 25 Nov 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.1	141.4
145	31.9	15.6	46.8

